

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114873.D
 Acq On : 6 Jun 2019 20:17
 Operator : HP/JU
 Sample : K3211-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Manual Integrations
 APPROVED

mohammad
 6/7/2019 2:11:39 PM

Quant Time: Jun 07 03:22:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	489367	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1910624	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	922755	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1616840	20.00	ng	0.00
76) Chrysene-d12	13.80	240	833289	20.00	ng	0.00
87) Perylene-d12	15.18	264	950560	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2839093	101.37	ng	0.02
7) Phenol-d6	6.32	99	3602953	105.73	ng	0.02
23) Nitrobenzene-d5	7.24	82	2299741	74.10	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	970463	97.59	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3886408	78.90	ng	0.00
79) Terphenyl-d14	12.76	244	3645099	85.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	335223	25.070	ng	99
4) n-Nitrosodimethylamine	2.98	42	416601	30.976	ng	96
6) Aniline	6.33	93	210696	4.357	ng	# 1
8) 2-Chlorophenol	6.46	128	1077140	33.288	ng	98
9) Benzaldehyde	6.21	77	368683	15.597	ng	99
10) Phenol	6.33	94	1244642	31.938	ng	# 76
11) bis(2-Chloroethyl)ether	6.42	93	1013721	33.331	ng	100
12) 1,3-Dichlorobenzene	6.61	146	1156434	30.670	ng	98
13) 1,4-Dichlorobenzene	6.69	146	1184301	31.215	ng	99
14) 1,2-Dichlorobenzene	6.85	146	1084656	31.655	ng	98
15) Benzyl Alcohol	6.82	79	876501	34.012	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1436727	33.030	ng	99
17) 2-Methylphenol	6.93	107	928458	33.568	ng	99
18) Hexachloroethane	7.19	117	431273	30.200	ng	95
19) n-Nitroso-di-n-propylamine	7.10	70	728234	32.283	ng	98
20) 3+4-Methylphenols	7.09	107	1027885	33.693	ng	89
22) Acetophenone	7.08	105	1460309	34.715	ng	# 98
24) Nitrobenzene	7.25	77	1118353	34.781	ng	98
25) Isophorone	7.50	82	2111525	34.412	ng	99
26) 2-Nitrophenol	7.57	139	621227	35.672	ng	95
27) 2,4-Dimethylphenol	7.62	122	1004292	37.942	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	1349937	34.417	ng	99
29) 2,4-Dichlorophenol	7.82	162	972970	34.939	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	1067193	33.399	ng	99
31) Naphthalene	7.97	128	3040619	35.349	ng	99
32) Benzoic acid	7.68	122	68901	3.574	ng	99
33) 4-Chloroaniline	8.02	127	499341	12.169	ng	96
34) Hexachlorobutadiene	8.10	225	583486	32.119	ng	99
35) Caprolactam	8.39	113	162947m	17.912	ng	
36) 4-Chloro-3-methylphenol	8.51	107	973016	35.114	ng	100
37) 2-Methylnaphthalene	8.66	142	2123356	35.589	ng	100
38) 1-Methylnaphthalene	8.76	142	1989519	35.163	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	912215	34.304	ng	99
41) Hexachlorocyclopentadiene	8.83	237	989040	61.324	ng	100

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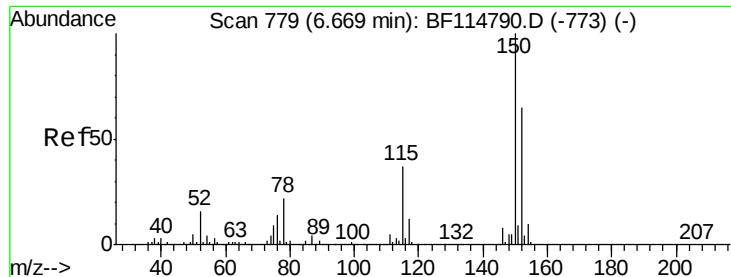
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.94	196	702234	33.961	nq	99
44) 2,4,5-Trichlorophenol	8.98	196	726361	34.880	nq	99
46) 1,1'-Biphenyl	9.13	154	2452563	35.861	nq	99
47) 2-Chloronaphthalene	9.15	162	1969159	33.885	nq	99
48) 2-Nitroaniline	9.25	65	573724	33.083	nq	94
49) Acenaphthylene	9.56	152	2938147	34.865	nq	100
50) Dimethylphthalate	9.43	163	2866376	42.531	nq	99
51) 2,6-Dinitrotoluene	9.49	165	557887	35.199	nq	92
52) Acenaphthene	9.73	154	1910144	34.601	nq	99
53) 3-Nitroaniline	9.65	138	494626	26.714	nq	94
54) 2,4-Dinitrophenol	9.76	184	277735	38.724	nq	99
55) Dibenzofuran	9.90	168	2605672	33.944	nq	99
56) 4-Nitrophenol	9.82	139	832442	61.356	nq	97
57) 2,4-Dinitrotoluene	9.89	165	691186	34.690	nq	100
58) Fluorene	10.25	166	1811329	34.711	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	570429	33.434	nq	99
60) Diethylphthalate	10.13	149	2274781	33.637	nq	100
61) 4-Chlorophenyl-phenylether	10.24	204	919105	31.261	nq	99
62) 4-Nitroaniline	10.26	138	545656	30.384	nq	99
63) Azobenzene	10.40	77	1994718	34.651	nq	98
65) 4,6-Dinitro-2-methylphenol	10.30	198	253060	30.131	nq	98
66) n-Nitrosodiphenylamine	10.36	169	1781423	36.437	nq	100
67) 4-Bromophenyl-phenylether	10.73	248	624881	34.029	nq	96
68) Hexachlorobenzene	10.80	284	674000	33.537	nq	97
69) Atrazine	10.89	200	553976	32.580	nq	99
70) Pentachlorophenol	10.99	266	714130	61.467	nq	99
71) Phenanthrene	11.20	178	2788239	36.124	nq	99
72) Anthracene	11.25	178	2826069	34.791	nq	99
73) Carbazole	11.40	167	2443956	35.097	nq	99
74) Di-n-butylphthalate	11.74	149	3167132	34.580	nq	99
75) Fluoranthene	12.38	202	2786284	34.683	nq	99
78) Pyrene	12.60	202	2771150	38.335	nq	100
80) Butylbenzylphthalate	13.23	149	1336724	36.618	nq	97
81) Benzo(a)anthracene	13.79	228	2163574	33.694	nq	98
82) 3,3'-Dichlorobenzidine	13.75	252	548846	21.079	nq	99
83) Chrysene	13.83	228	2161188	34.597	nq	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	1715275	37.160	nq	98
85) Di-n-octyl phthalate	14.41	149	2938094	37.460	nq	99
86) Indeno(1,2,3-cd)pyrene	16.50	276	2108990	29.590	nq	99
88) Benzo(b)fluoranthene	14.80	252	2105407	34.792	nq	98
89) Benzo(k)fluoranthene	14.83	252	1874772	36.481	nq	97
90) Benzo(a)pyrene	15.13	252	1911036	36.486	nq	100
91) Dibenzo(a,h)anthracene	16.52	278	1738428	35.047	nq	99
92) Benzo(g,h,i)perylene	16.89	276	1767948	35.444	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

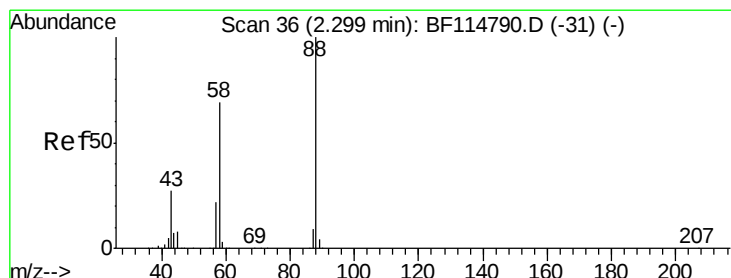
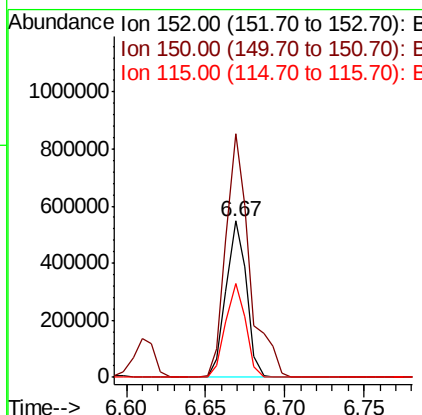
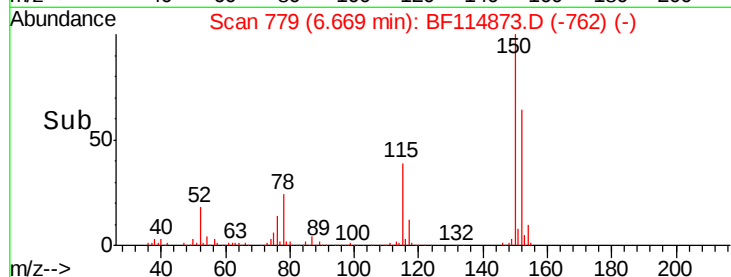
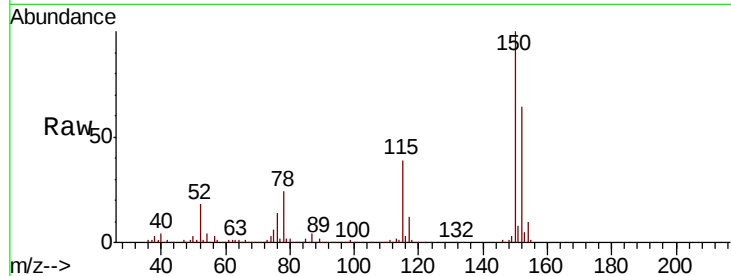
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.0	186.0
115	60.5	46.3	69.5

Manual Integrations
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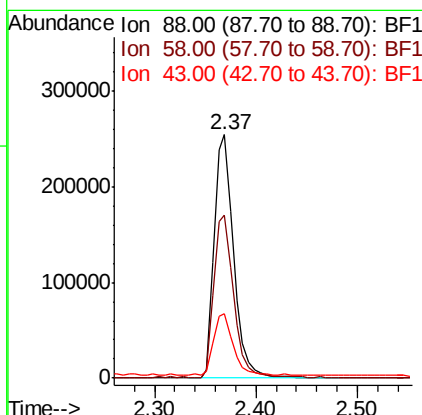
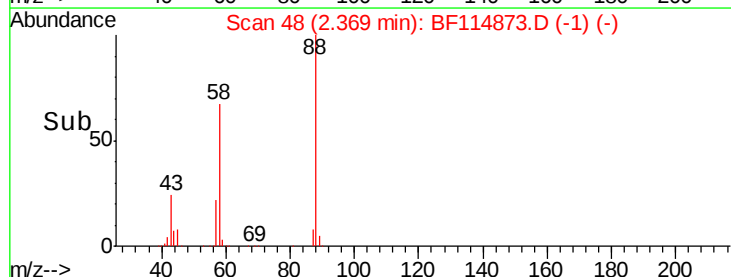
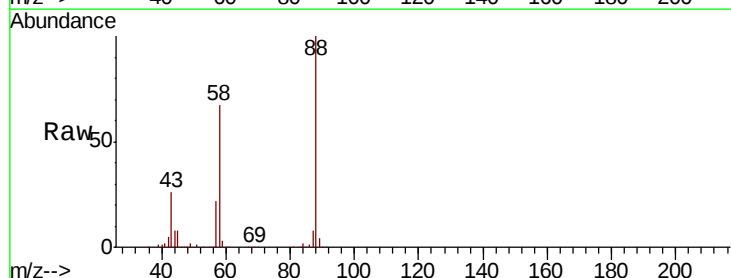
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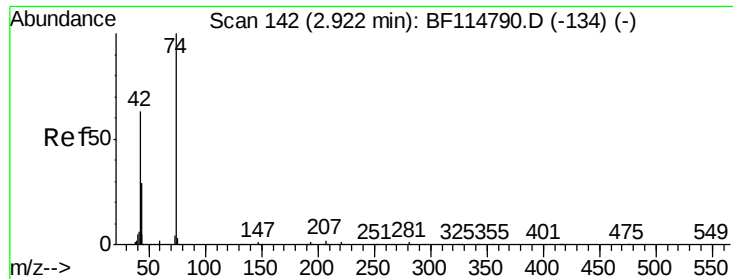


#2

1,4-Dioxane
Concen: 25.070 ng
RT: 2.37 min Scan# 48
Delta R.T. 0.07 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	53.8	80.8
43	25.2	20.7	31.1





#4

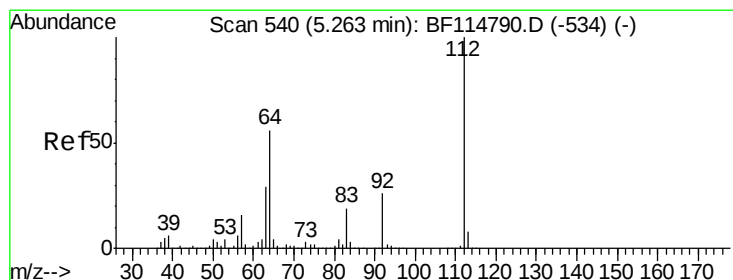
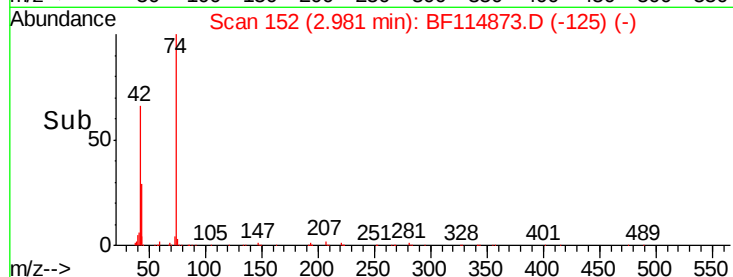
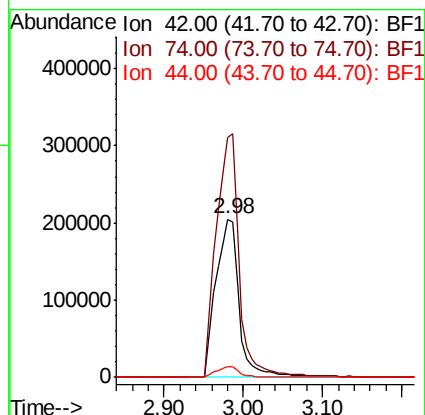
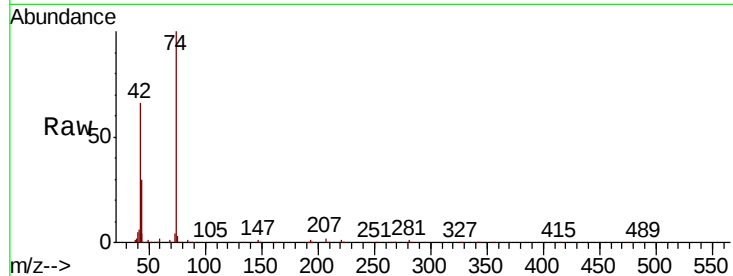
n-Nitrosodimethylamine
 Concen: 30.976 ng
 RT: 2.98 min Scan# 152
 Delta R.T. 0.06 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Tot Ion	Ratio	Lower	Upper
42	100		
74	151.7	126.2	189.2
44	6.7	5.9	8.9

Manual Integrations
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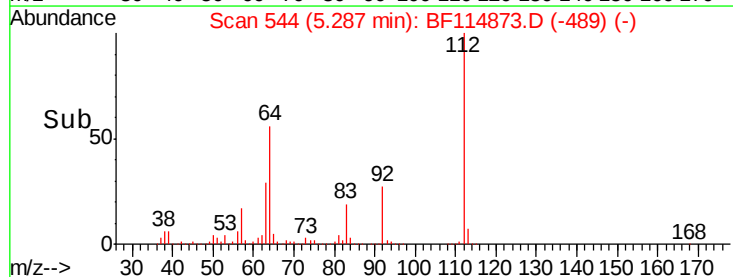
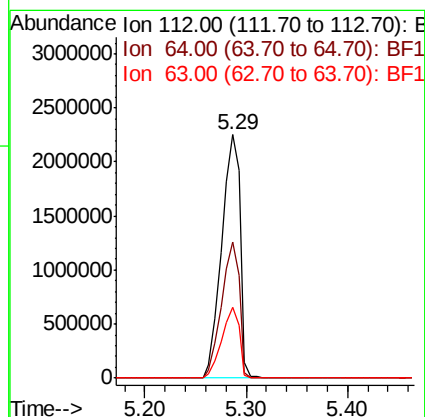
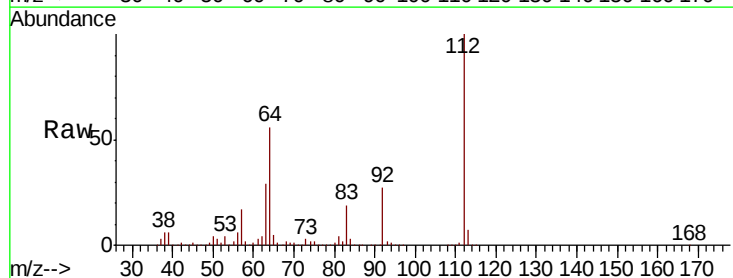
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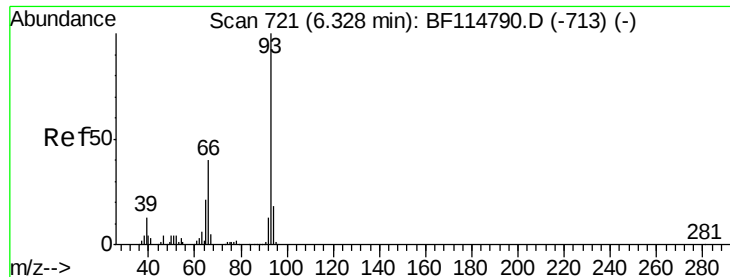


#5

2-Fluorophenol
 Concen: 101.374 ng
 RT: 5.29 min Scan# 544
 Delta R.T. 0.02 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	44.6	66.8
63	29.3	23.0	34.4





#6

Aniline

Concen: 4.357 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion: 93 Resp: 210696

Ion Ratio Lower Upper

93 100

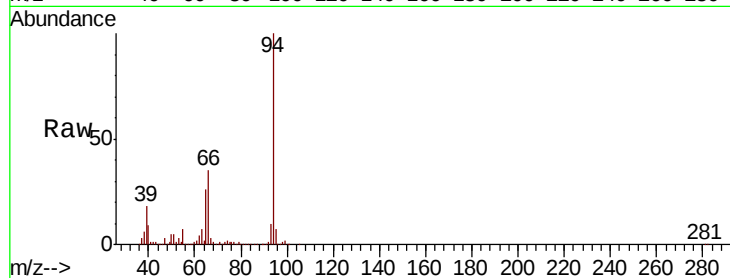
66 346.4 32.8 49.2#

65 256.1 16.9 25.3#

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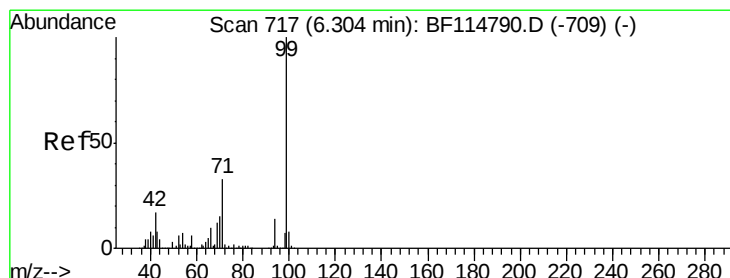
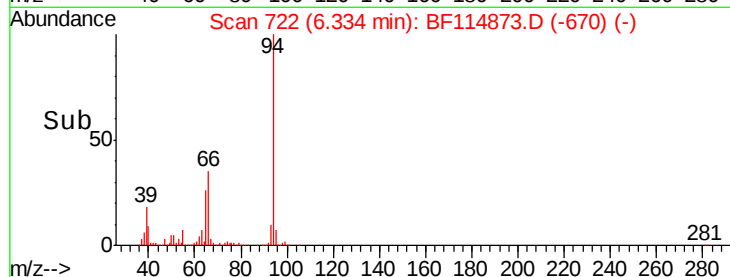
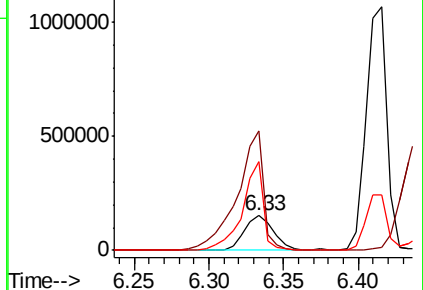
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Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 105.727 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.02 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

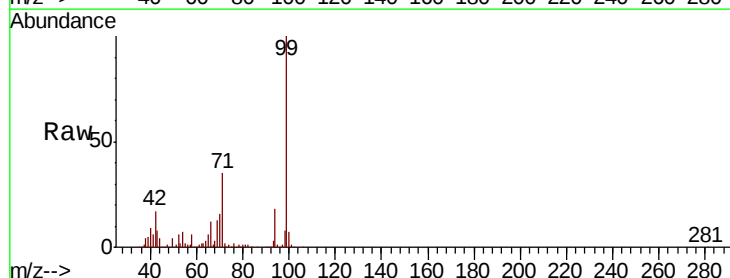
Tgt Ion: 99 Resp: 3602953

Ion Ratio Lower Upper

99 100

42 17.0 13.3 19.9

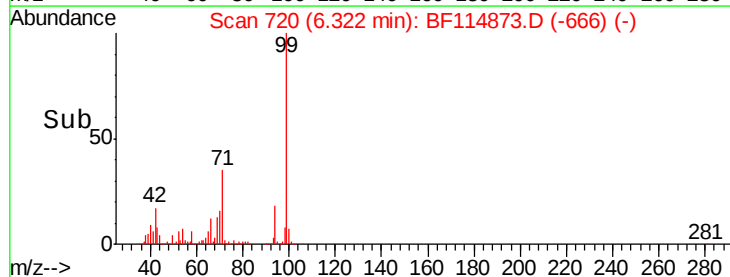
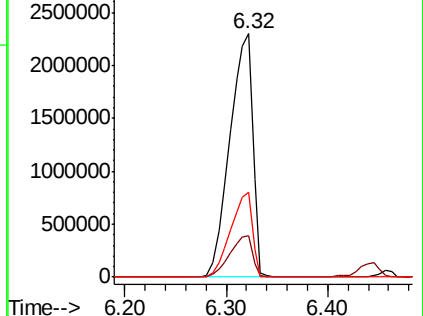
71 34.7 26.3 39.5

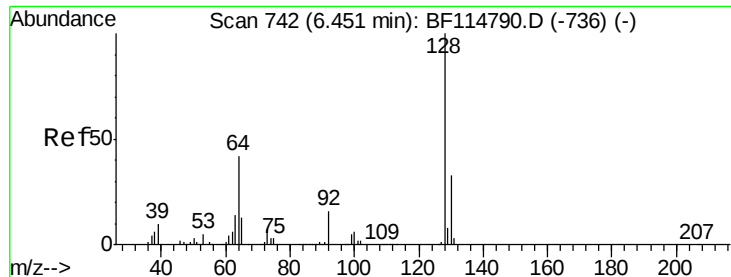


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 33.288 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:128 Resp: 1077140

Ion Ratio Lower Upper

128 100

130 33.1 12.7 52.7

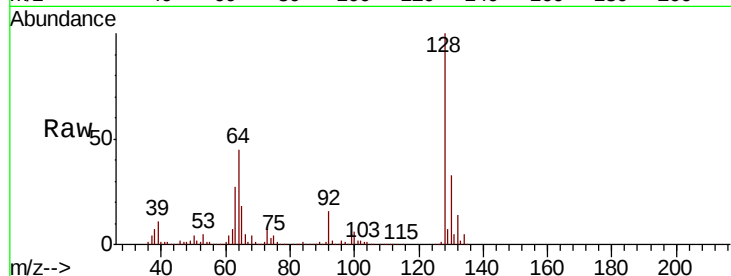
64 44.6 22.5 62.5

Manual Integrations

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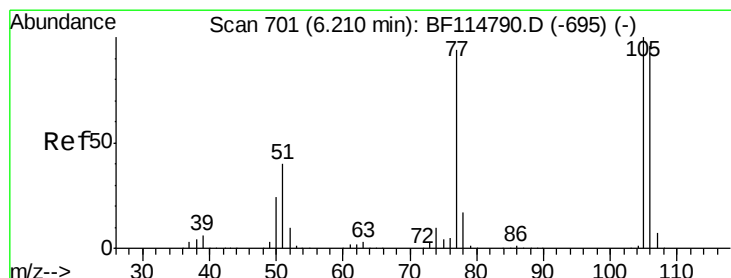
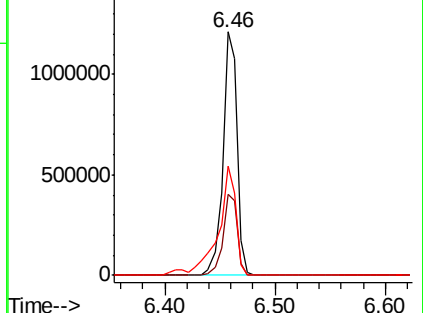
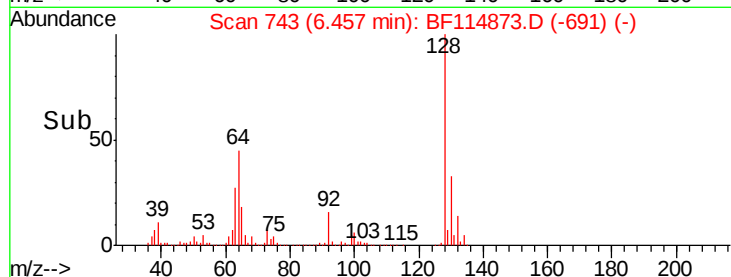


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 15.597 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

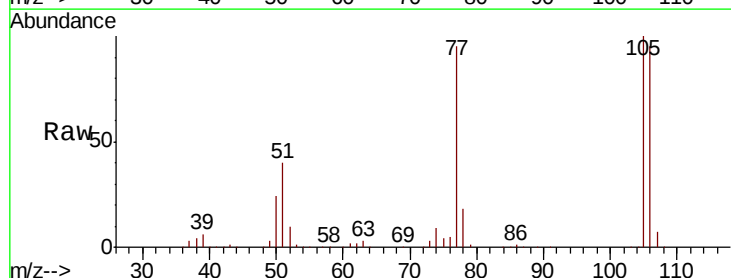
Tgt Ion: 77 Resp: 368683

Ion Ratio Lower Upper

77 100

105 105.1 85.8 125.8

106 100.2 81.6 121.6

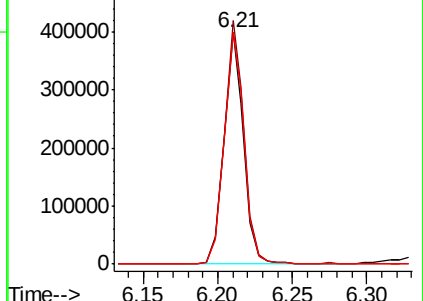
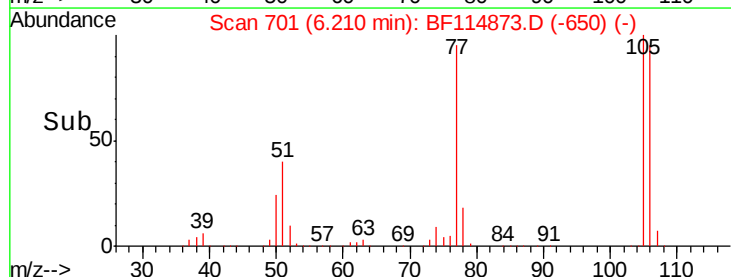


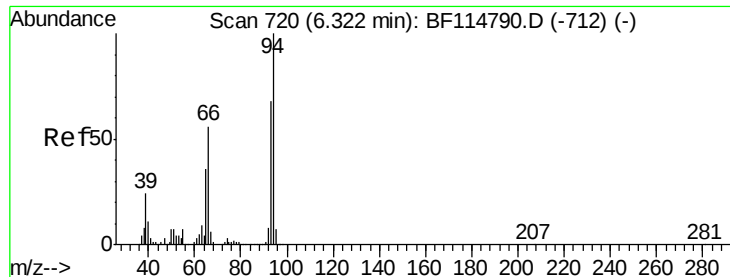
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 31.938 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion: 94 Resp: 1244642

Ion Ratio Lower Upper

94 100

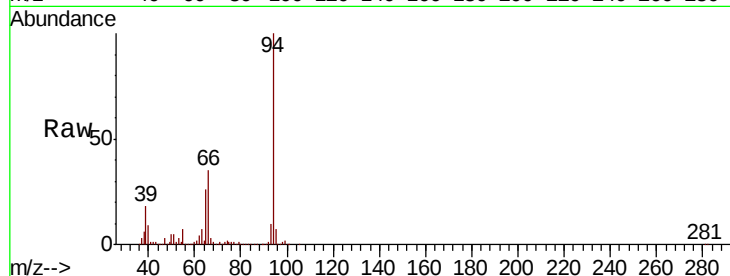
65 26.2 16.1 56.1

66 35.5 36.3 76.3#

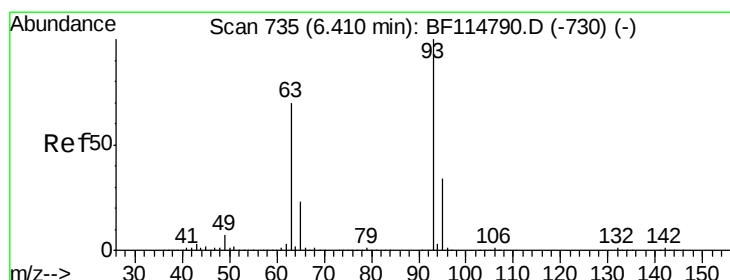
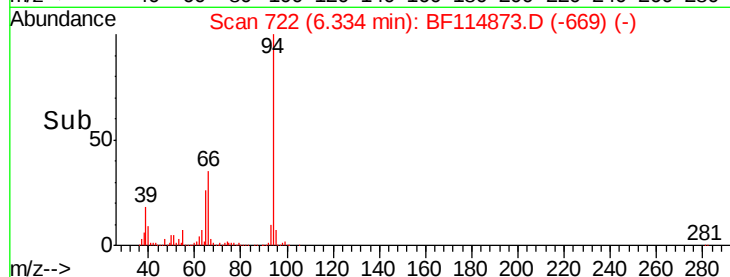
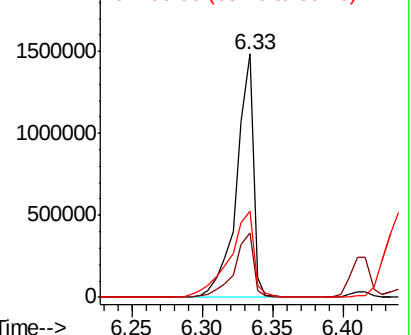
Manual Integrations
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Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 33.331 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

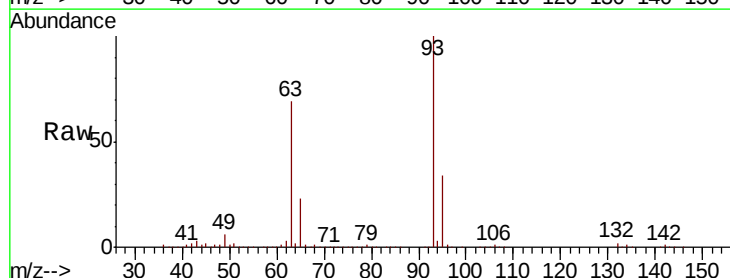
Tgt Ion: 93 Resp: 1013721

Ion Ratio Lower Upper

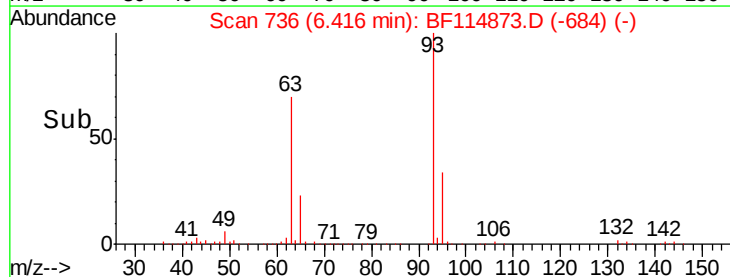
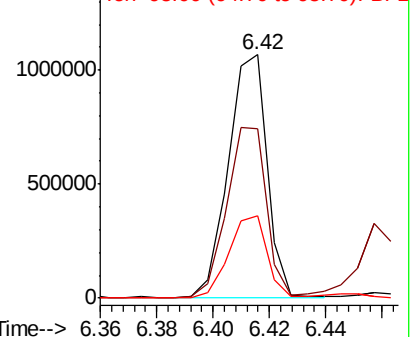
93 100

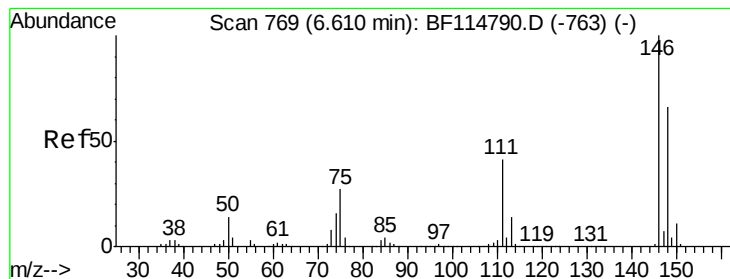
63 69.4 49.6 89.6

95 33.8 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1





#12

1,3-Dichlorobenzene

Concen: 30.670 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:146 Resp: 1156434

Ion Ratio Lower Upper

146 100

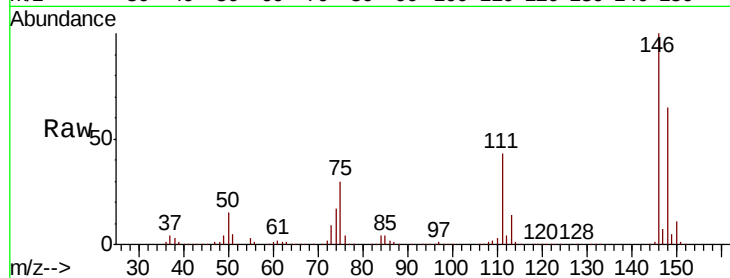
148 65.5 52.7 79.1

75 30.3 22.0 33.0

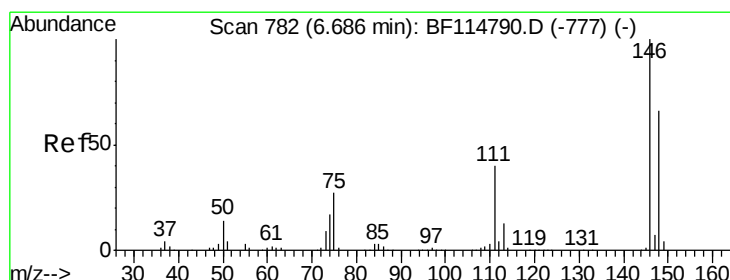
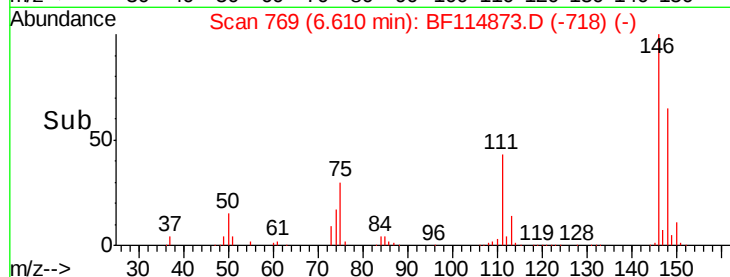
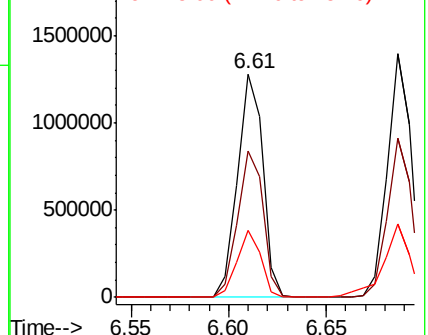
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 31.215 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

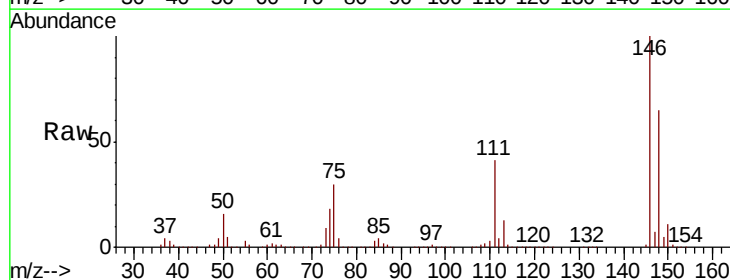
Tgt Ion:146 Resp: 1184301

Ion Ratio Lower Upper

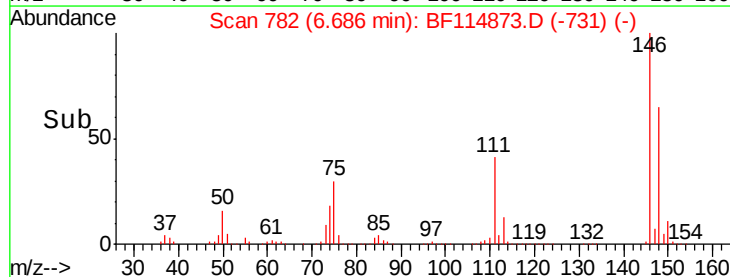
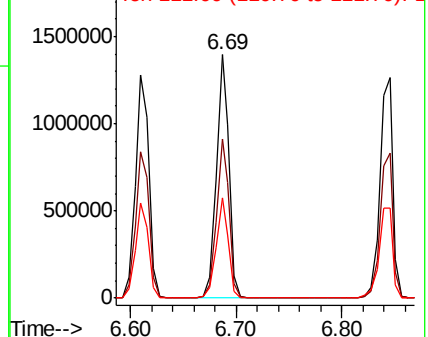
146 100

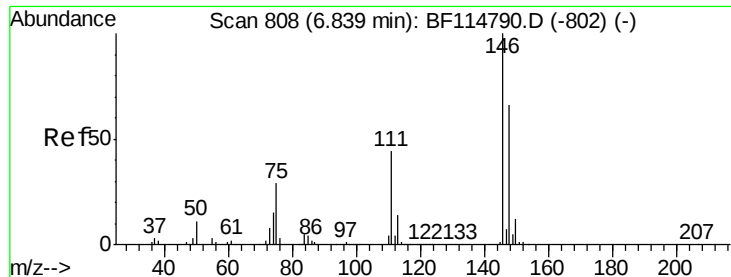
148 65.4 53.0 79.4

111 41.4 32.2 48.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 31.655 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:146 Resp: 1084656

Ion Ratio Lower Upper

146 100

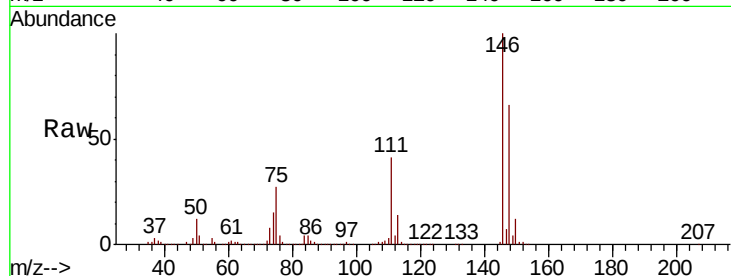
148 65.8 52.5 78.7

111 40.9 34.8 52.2

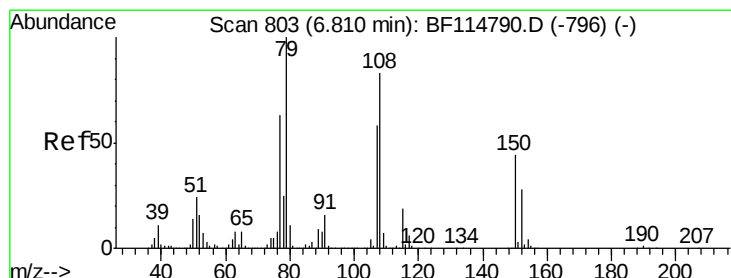
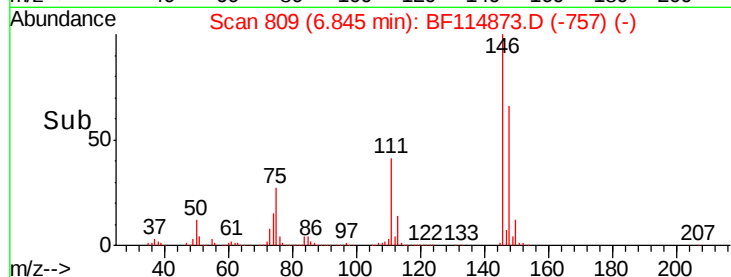
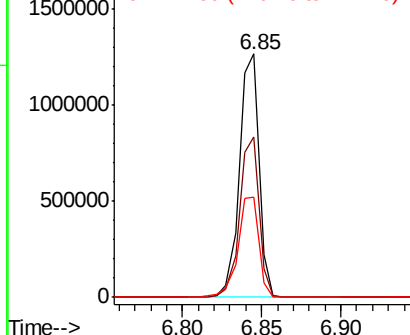
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 34.012 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

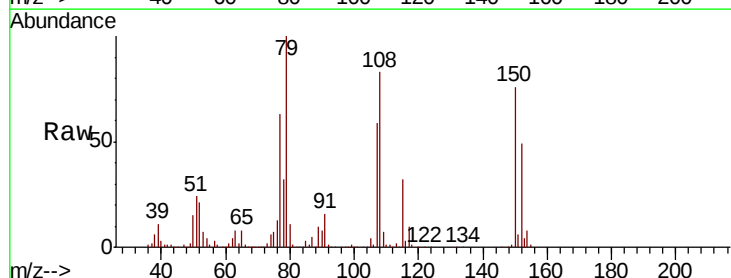
Tgt Ion: 79 Resp: 876501

Ion Ratio Lower Upper

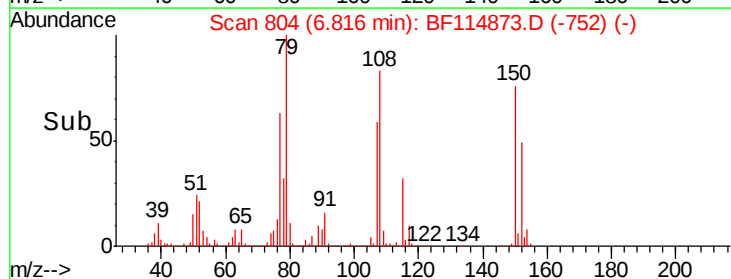
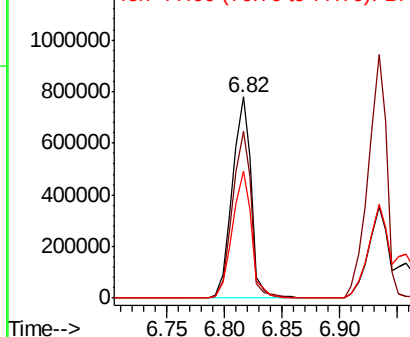
79 100

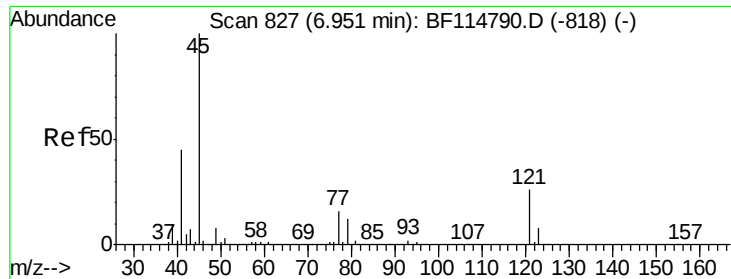
108 83.2 66.8 100.2

77 63.4 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1





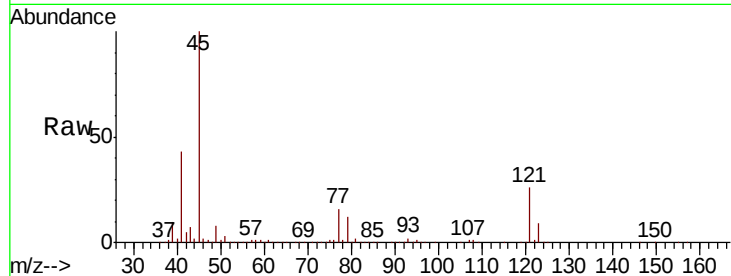
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 33.030 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampled :
RBR-200050MS

Tot Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	35.8
79	12.5	0.0	32.0

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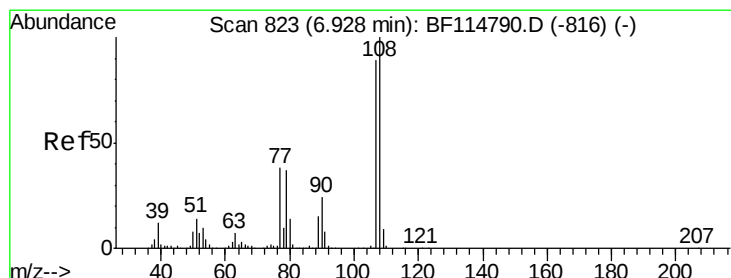
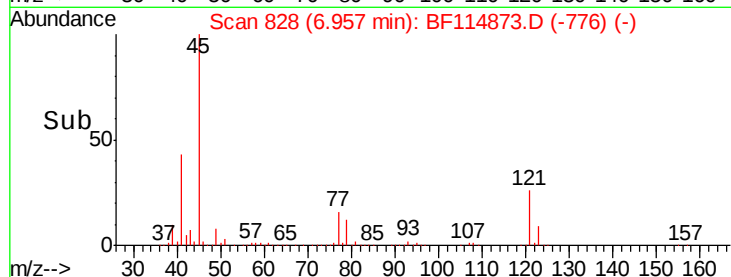
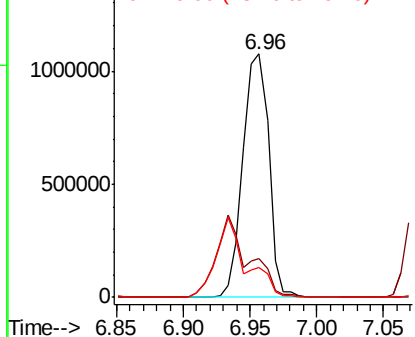


Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#17
2-Methylphenol
Concen: 33.568 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.2	135.2
77	43.7	34.5	51.7
79	42.6	33.8	50.6

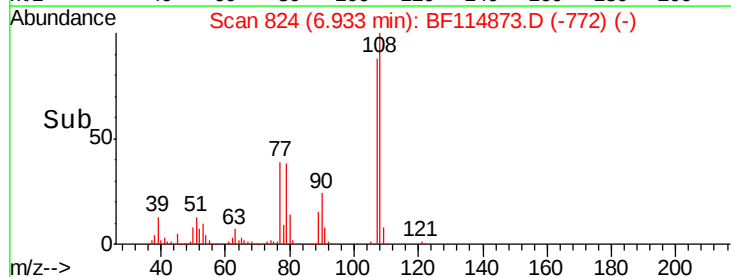
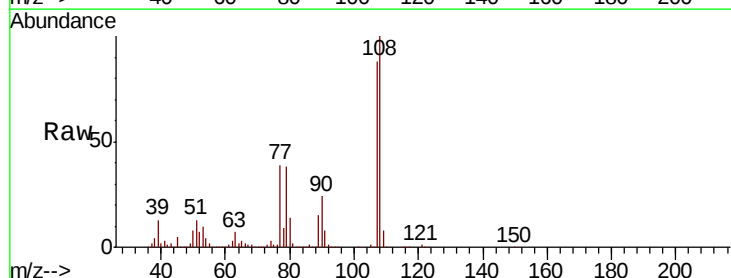
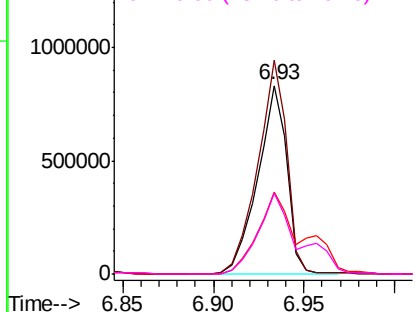
Abundance

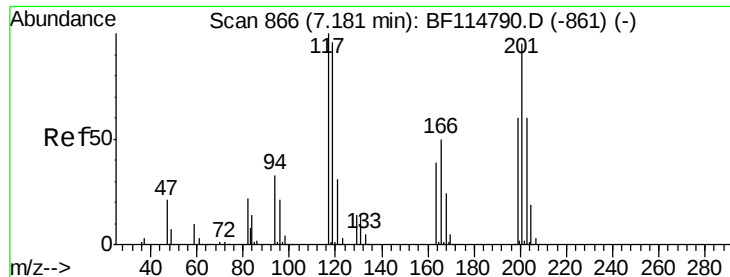
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#18

Hexachloroethane

Concen: 30.200 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

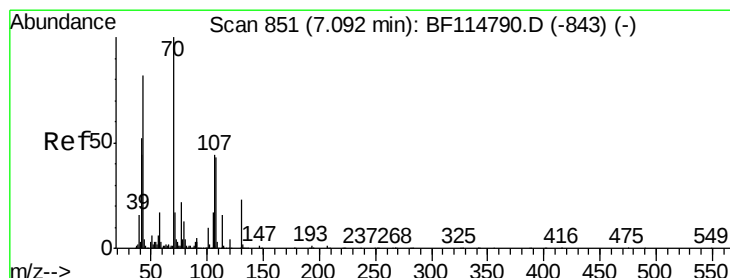
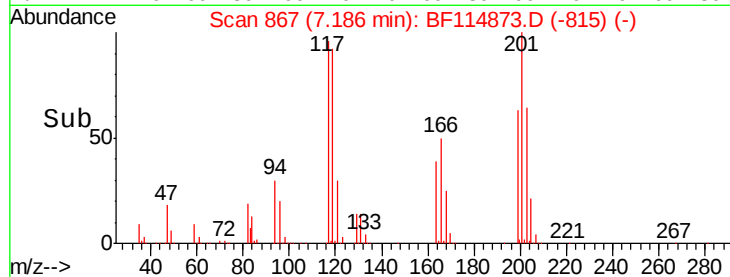
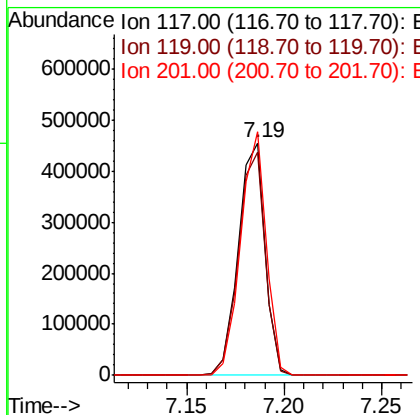
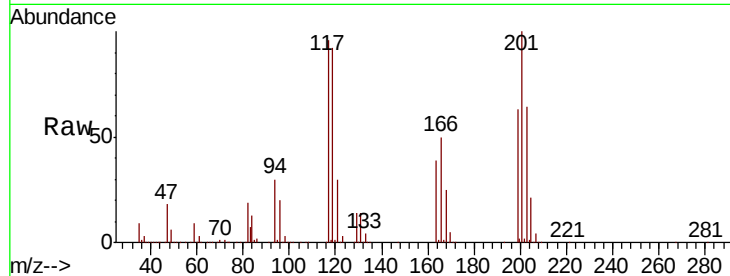
ClientSampleId :

RBR-200050MS

Tot Ion:	117	Resp:	431273
Ion Ratio	Lower	Upper	
117	100		
119	96.2	77.0	115.4
201	104.6	76.0	114.0

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#19

n-Nitroso-di-n-propylamine

Concen: 32.283 ng

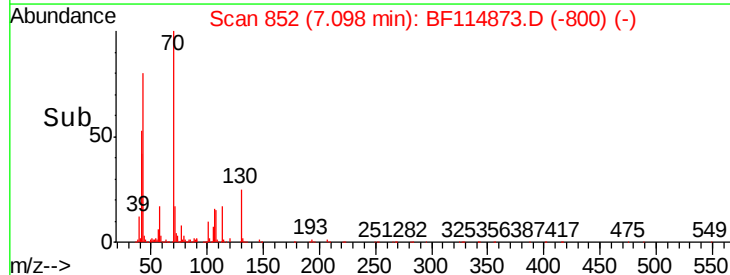
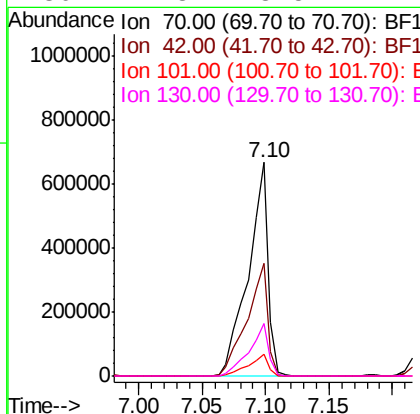
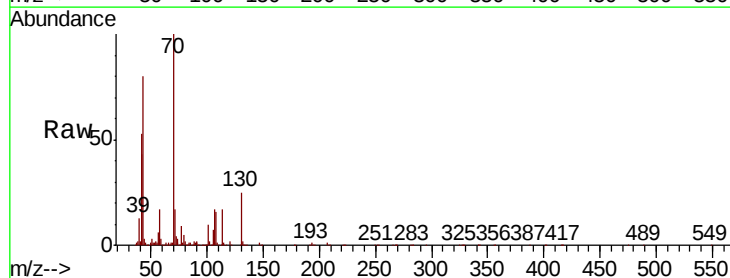
RT: 7.10 min Scan# 852

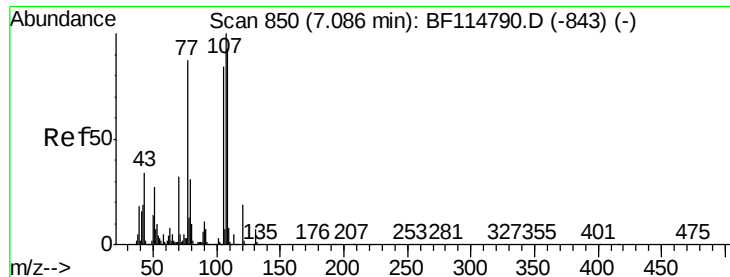
Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Tgt Ion:	70	Resp:	728234
Ion Ratio	Lower	Upper	
70	100		
42	53.0	41.8	62.8
101	10.2	8.2	12.4
130	24.8	18.5	27.7





#20

3+4-Methylphenols

Concen: 33.693 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:107 Resp: 1027885

Ion Ratio Lower Upper

107 100

108 89.8 73.5 113.5

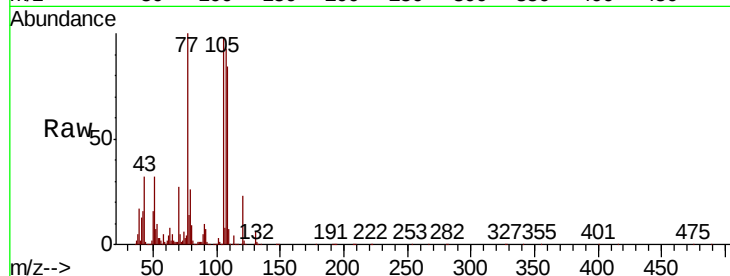
77 107.0 67.2 107.2

79 27.4 10.6 50.6

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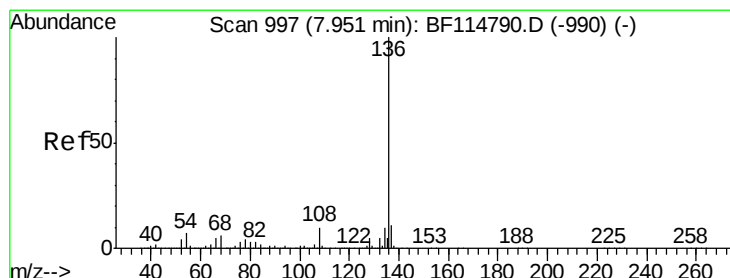
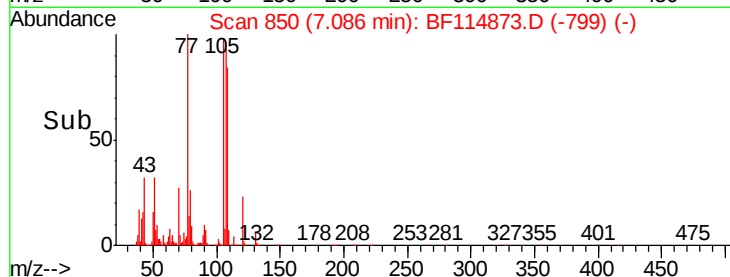
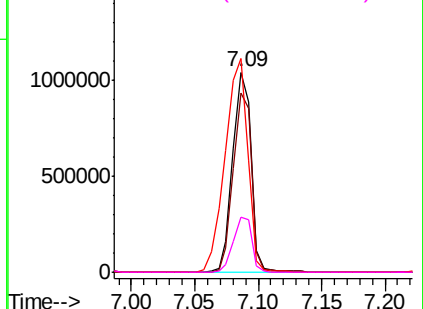


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Tgt Ion:136 Resp: 1910624

Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 7.3 5.4 8.0

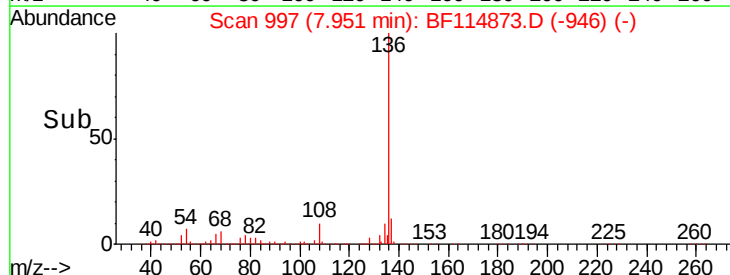
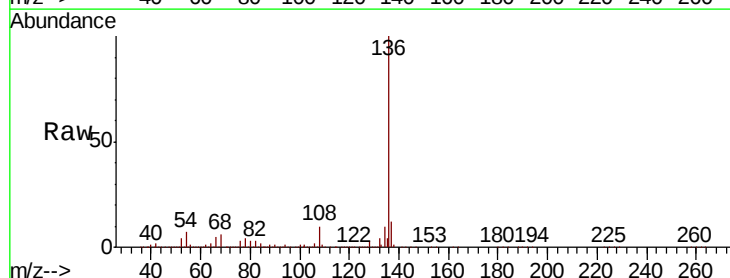
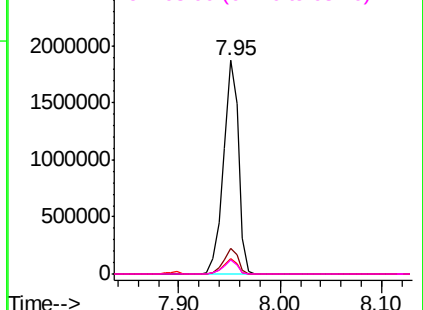
68 6.4 4.6 6.8

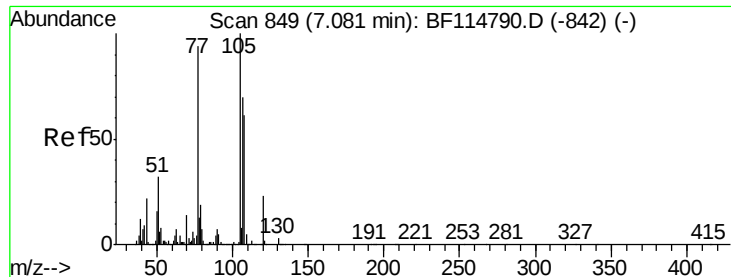
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 34.715 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:105 Resp: 1460309

Ion Ratio Lower Upper

105 100

71 3.3 2.0 3.0#

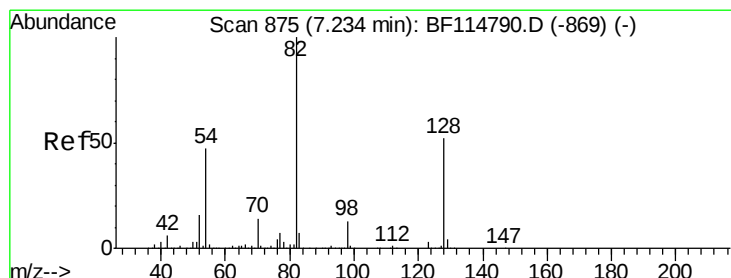
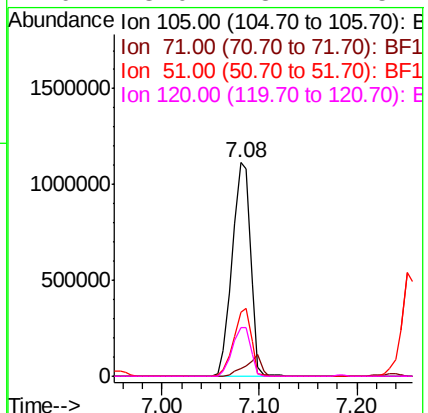
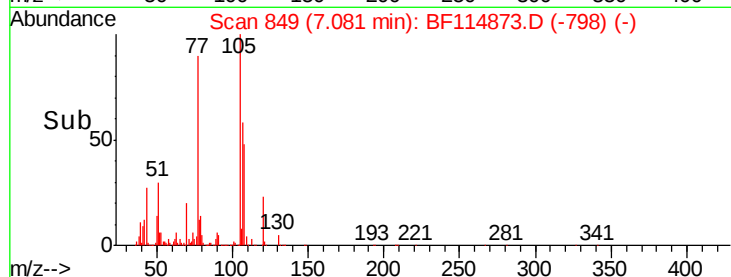
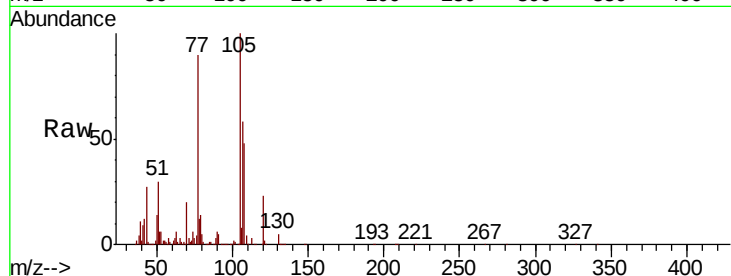
51 29.7 25.4 38.0

120 23.0 18.7 28.1

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#23

Nitrobenzene-d5

Concen: 74.095 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

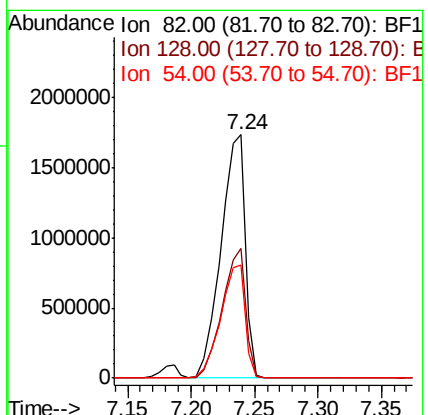
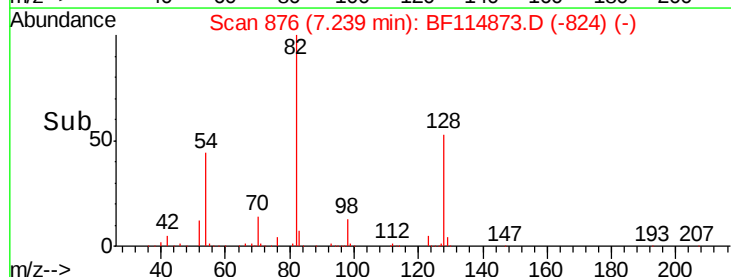
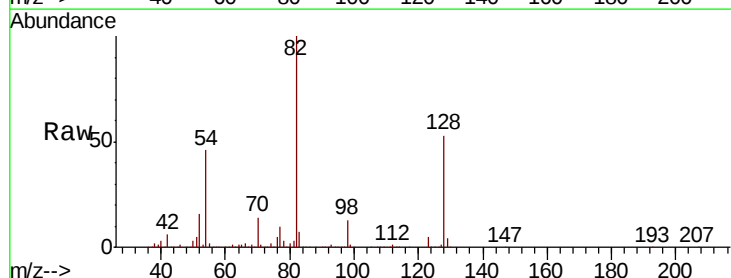
Tgt Ion: 82 Resp: 2299741

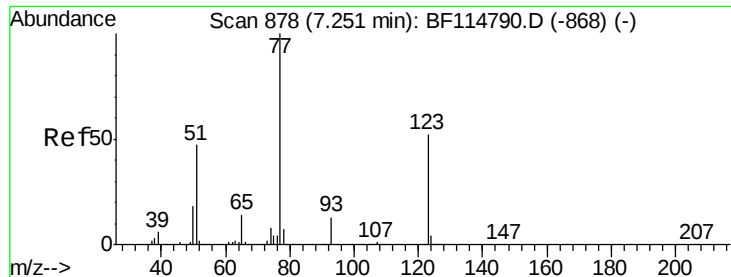
Ion Ratio Lower Upper

82 100

128 53.3 41.8 62.6

54 46.3 37.9 56.9





#24

Nitrobenzene

Concen: 34.781 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion: 77 Resp: 1118353

Ion Ratio Lower Upper

77 100

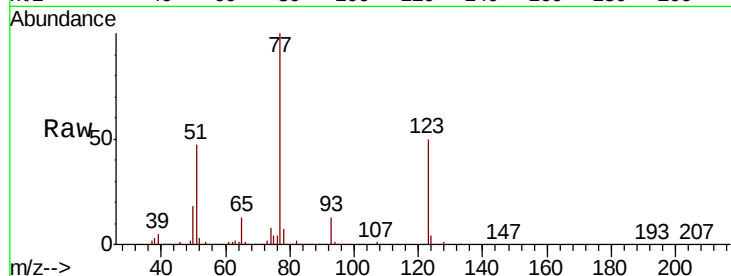
123 50.2 41.5 62.3

65 13.2 10.8 16.2

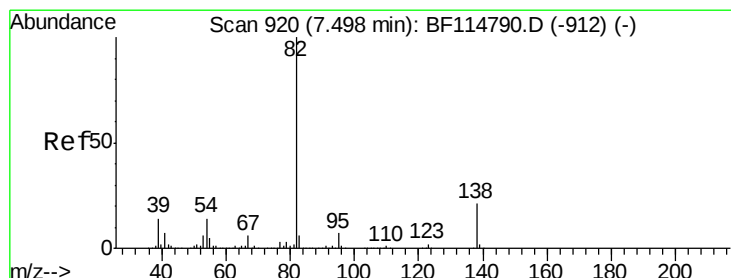
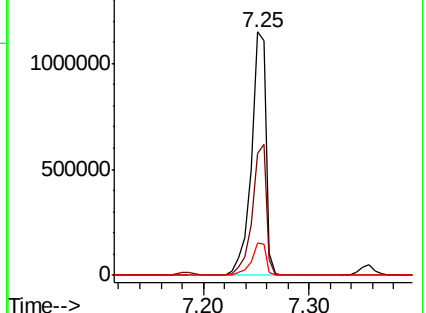
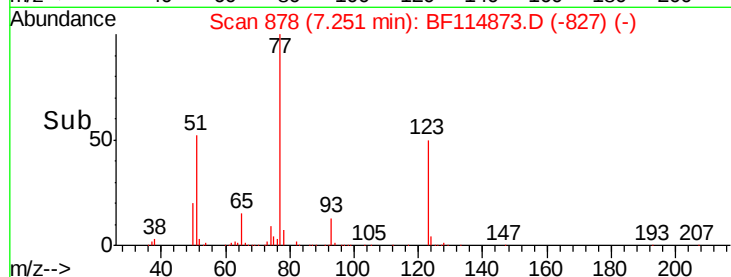
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 34.412 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

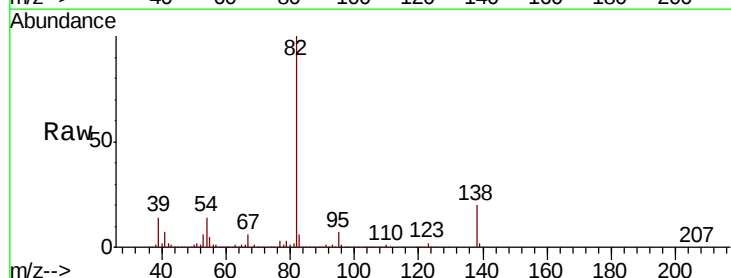
Tgt Ion: 82 Resp: 2111525

Ion Ratio Lower Upper

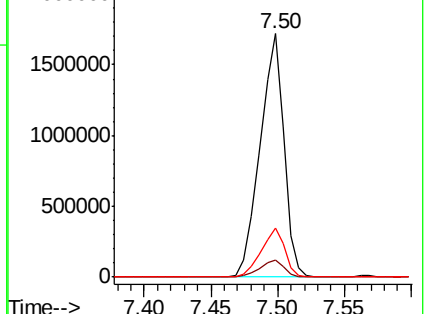
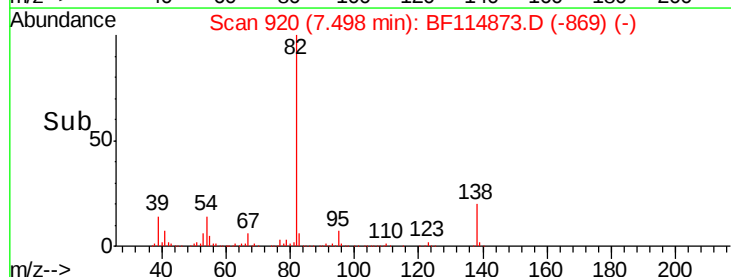
82 100

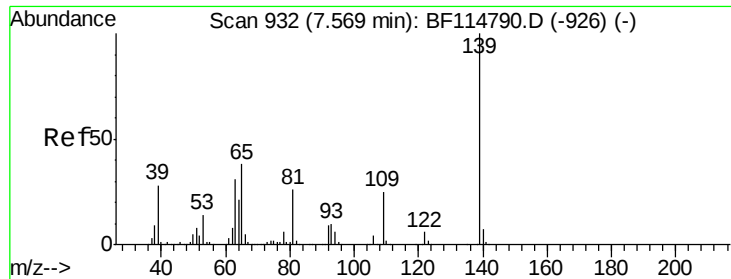
95 7.1 5.8 8.8

138 20.3 16.9 25.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





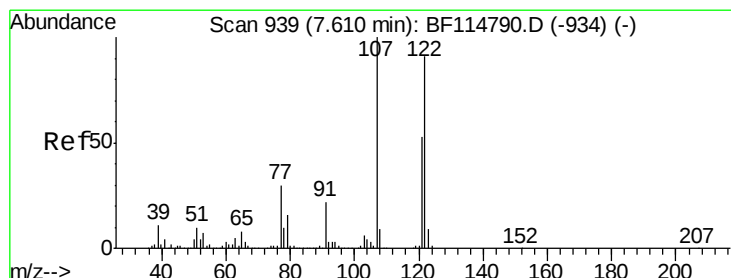
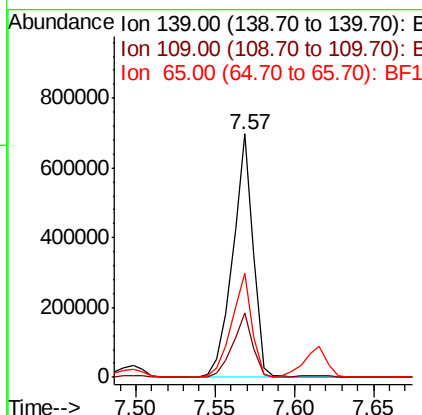
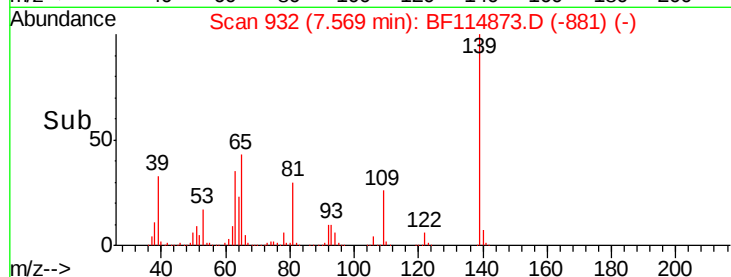
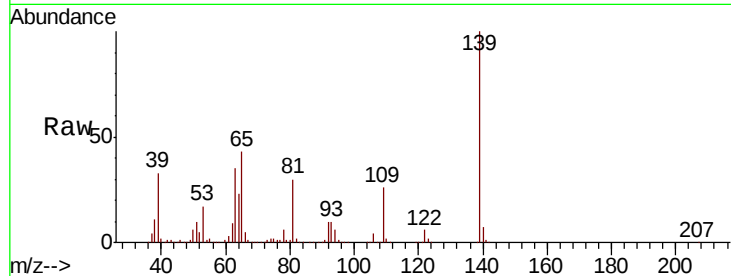
#26
2-Nitrophenol
Concen: 35.672 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	621227		
109	26.4	20.4	30.6	
65	42.8	30.5	45.7	

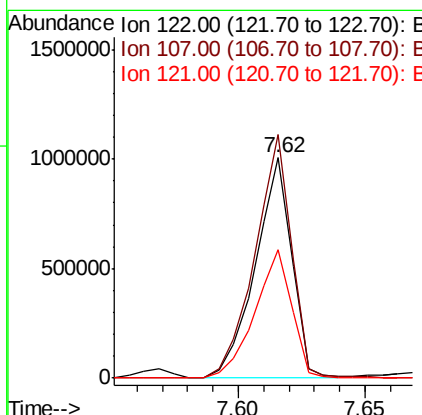
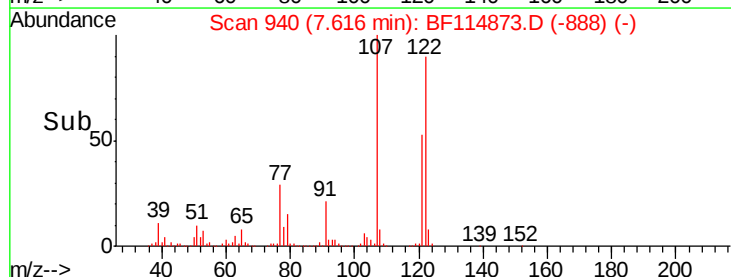
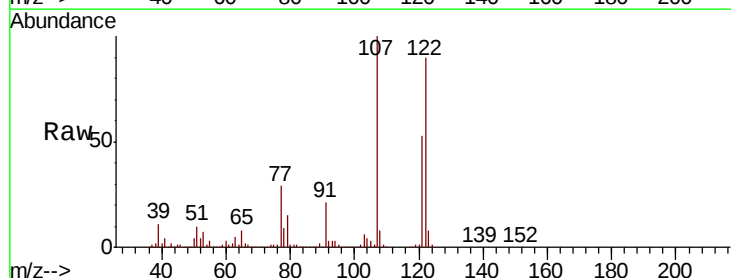
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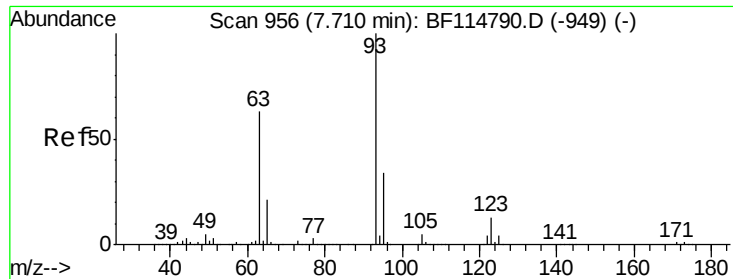
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#27
2,4-Dimethylphenol
Concen: 37.942 ng
RT: 7.62 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	1004292		
107	110.7	87.9	131.9	
121	58.6	46.4	69.6	





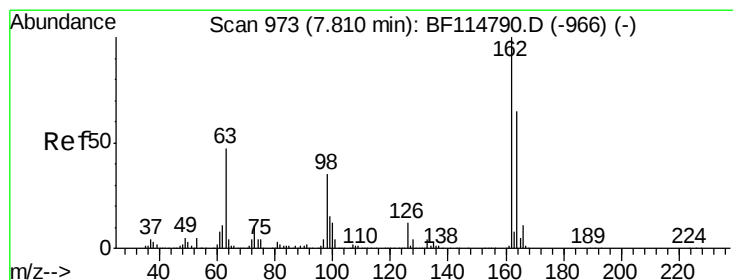
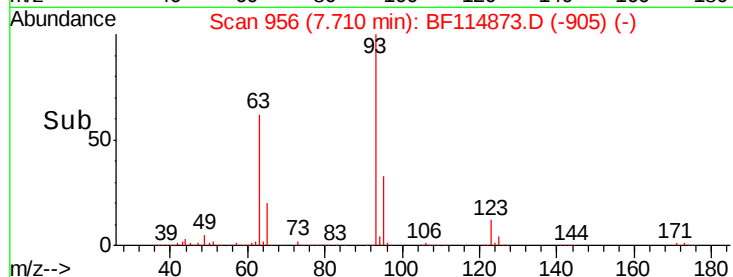
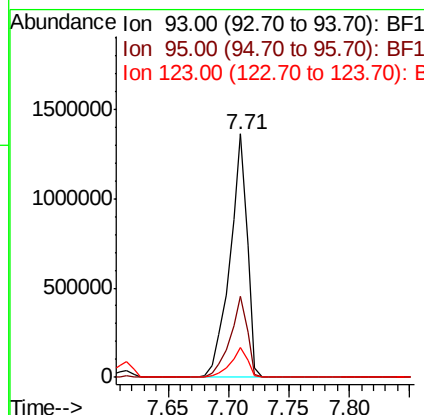
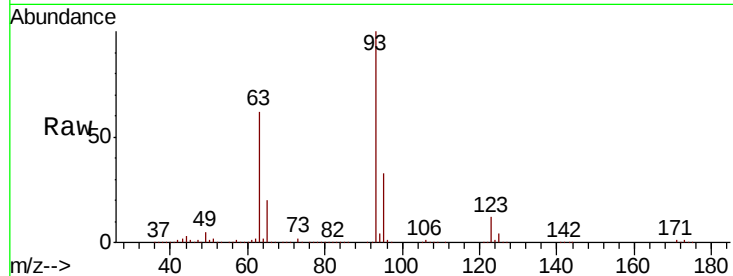
#28
bis(2-Chloroethoxy)methane
Concen: 34.417 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion	93	Resp	1349937
Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.9	40.3
123	12.1	10.4	15.6

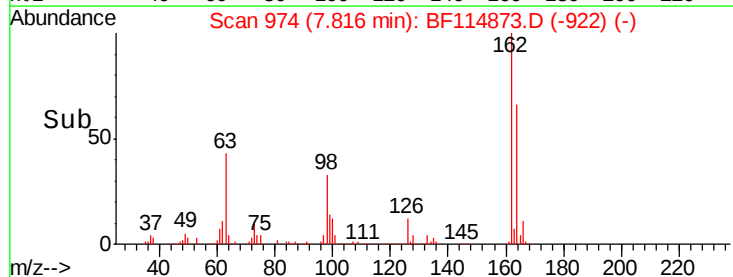
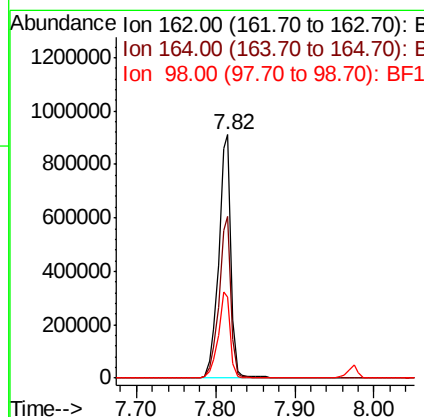
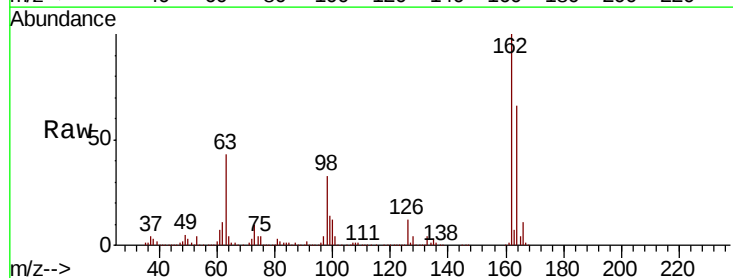
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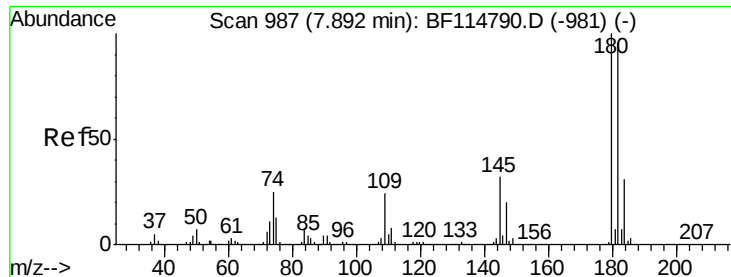
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#29
2,4-Dichlorophenol
Concen: 34.939 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion	162	Resp	972970
Ion	Ratio	Lower	Upper
162	100		
164	66.3	45.1	85.1
98	33.3	14.6	54.6





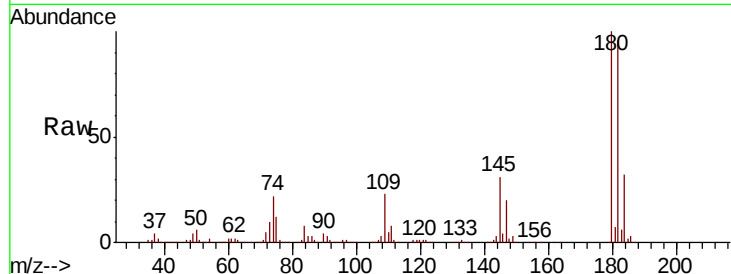
#30
1,2,4-Trichlorobenzene
Concen: 33.399 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleID :
RBR-200050MS

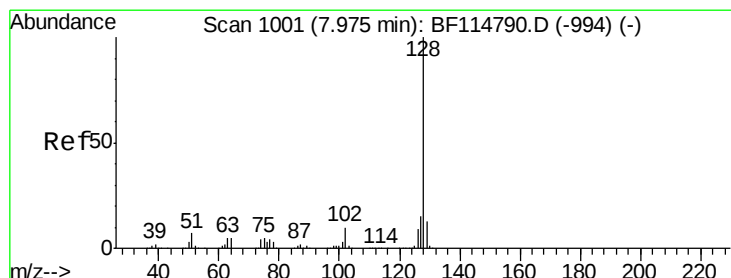
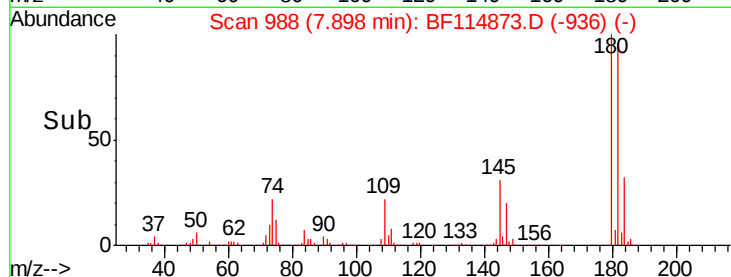
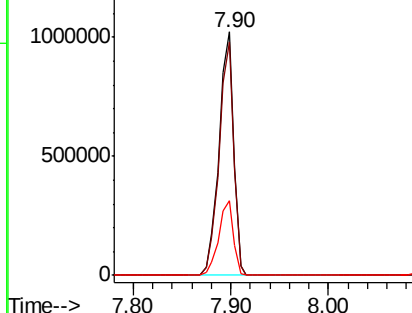
Tot Ion:180 Resp: 1067193
Ion Ratio Lower Upper
180 100
182 95.6 76.5 114.7
145 30.8 25.8 38.8

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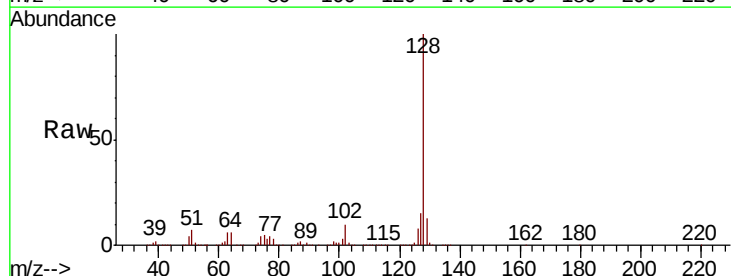


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

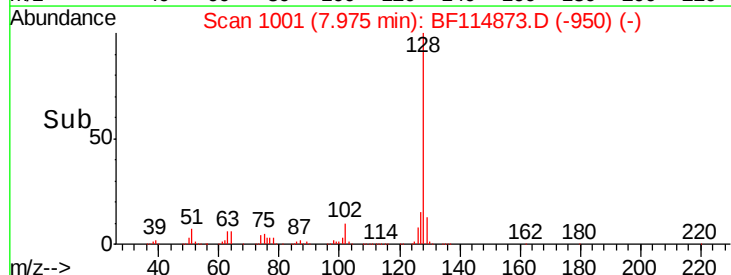
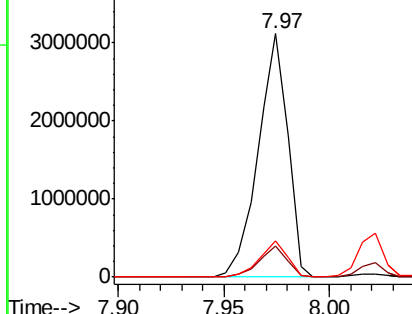


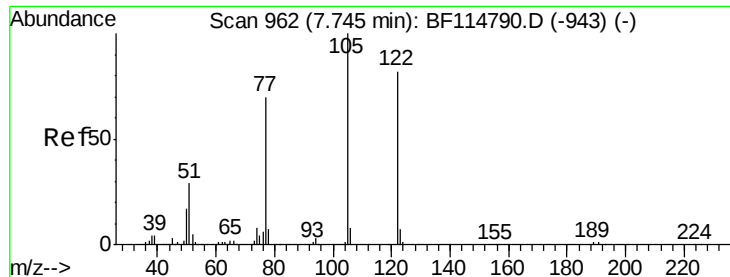
#31
Naphthalene
Concen: 35.349 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion:128 Resp: 3040619
Ion Ratio Lower Upper
128 100
129 12.8 10.0 15.0
127 15.0 12.2 18.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 3.574 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

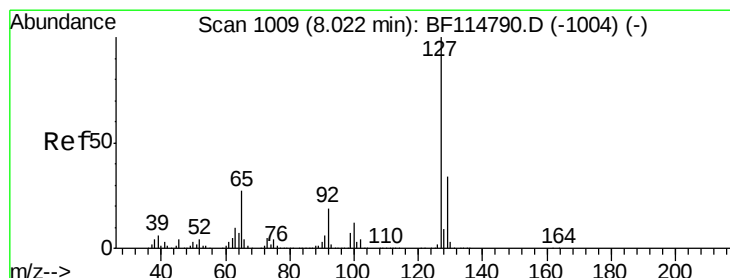
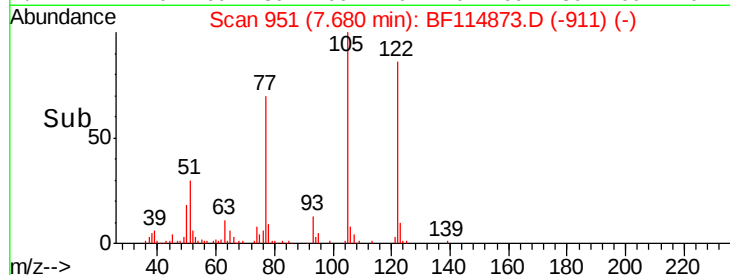
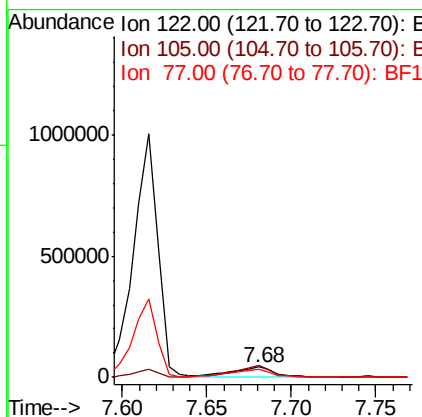
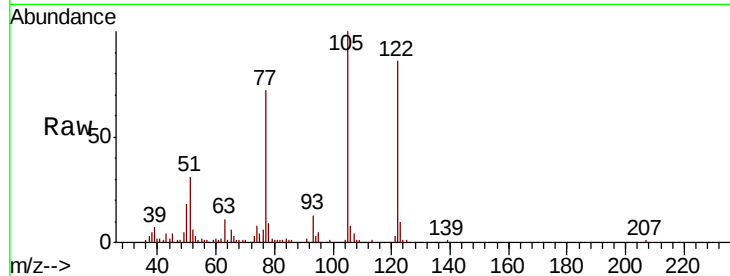
ClientSampleID :

RBR-200050MS

Tot Ion:	122	Resp:	68901
Ion Ratio	Lower	Upper	
122	100		
105	116.8	98.7	138.7
77	84.1	64.8	104.8

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#33

4-Chloroaniline

Concen: 12.169 ng

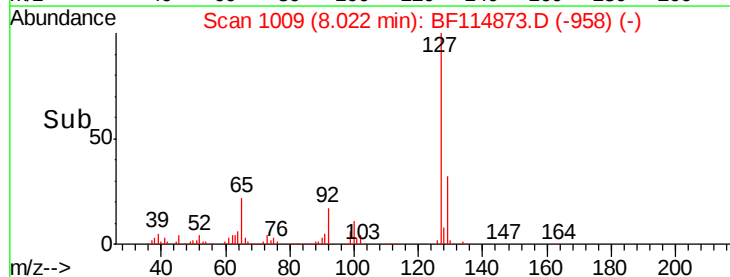
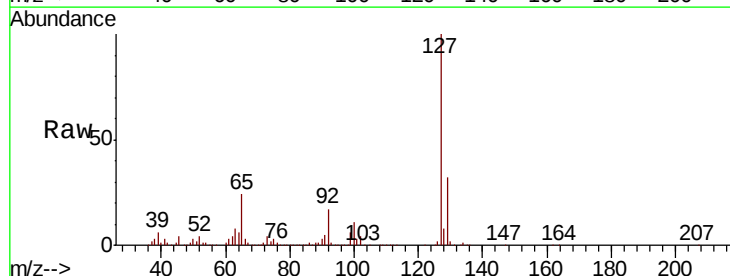
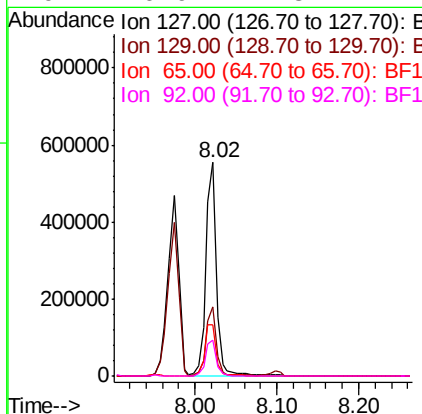
RT: 8.02 min Scan# 1009

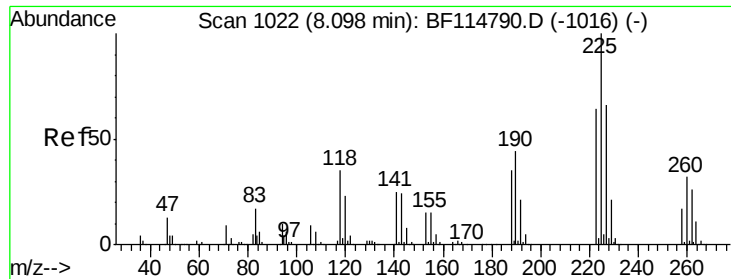
Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Tgt Ion:	127	Resp:	499341
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.9	40.3
65	23.9	21.7	32.5
92	16.9	14.8	22.2





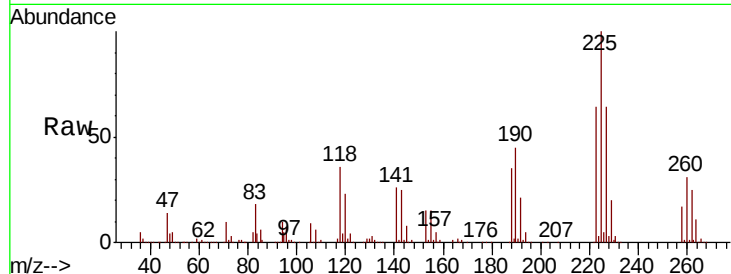
#34
Hexachlorobutadiene
Concen: 32.119 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

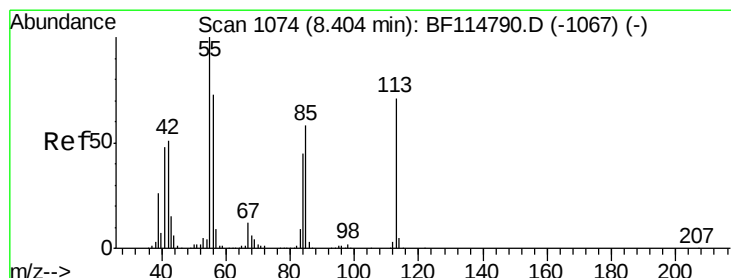
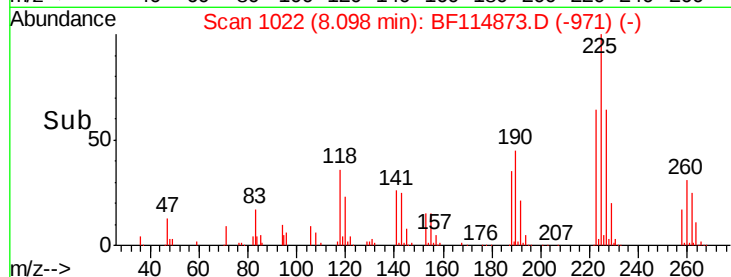
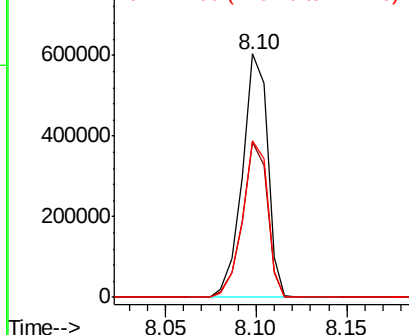
Tot Ion:	225	Resp:	583486
Ion Ratio	Lower	Upper	
225	100		
223	64.0	51.0	76.6
227	64.1	52.6	78.8

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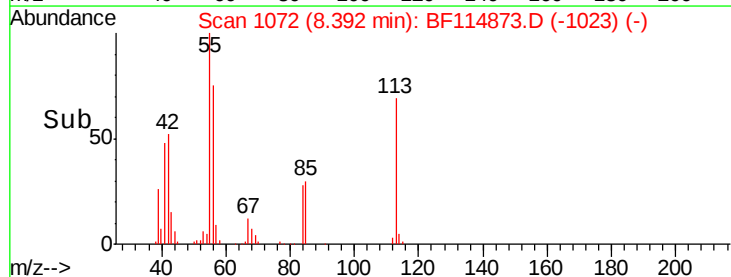
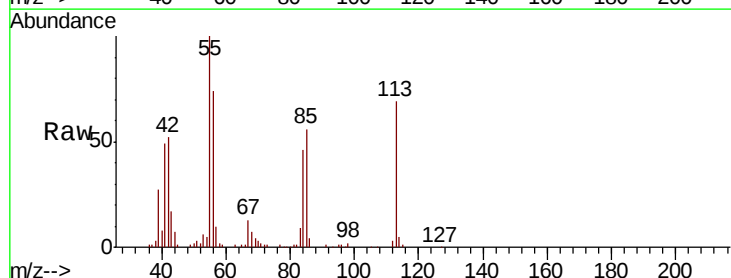
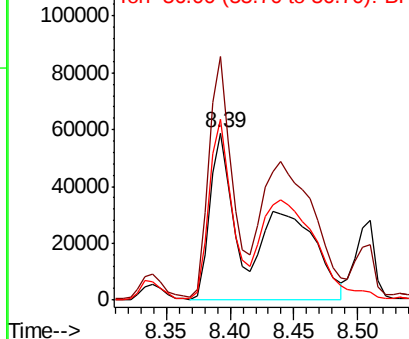
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

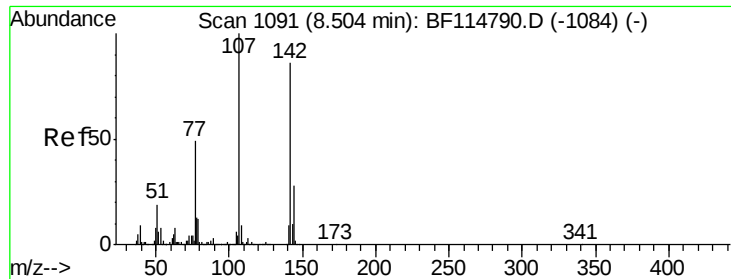


#35
Caprolactam
Concen: 17.912 ng m
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion:	113	Resp:	162947
Ion Ratio	Lower	Upper	
113	100		
55	145.7	121.1	161.1
56	108.0	82.6	122.6

Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





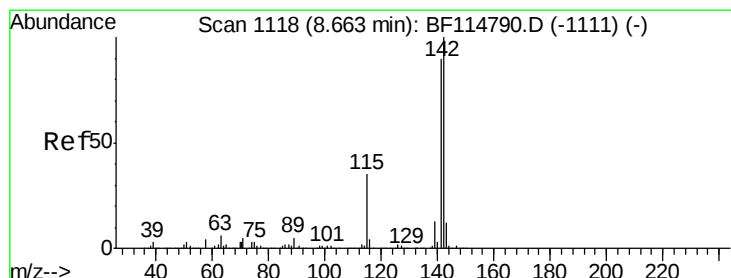
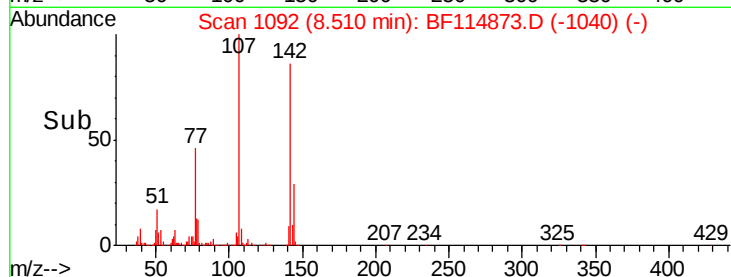
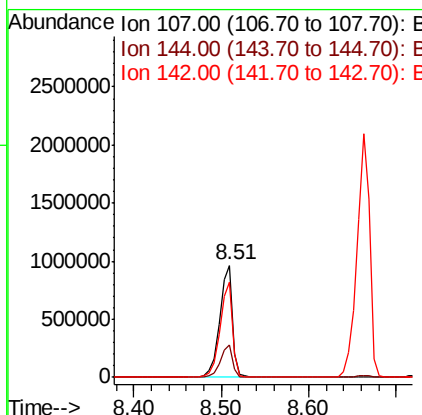
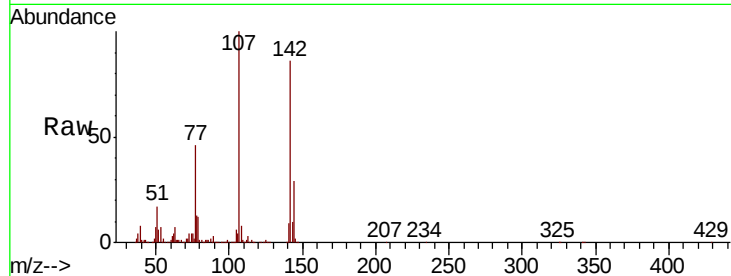
#36
4-Chloro-3-methylphenol
Concen: 35.114 ng
RT: 8.51 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.1	33.1
142	85.5	68.4	102.6

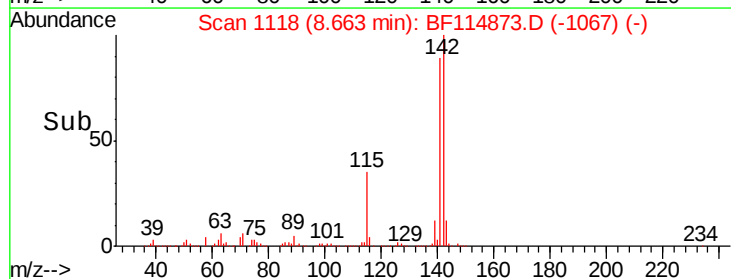
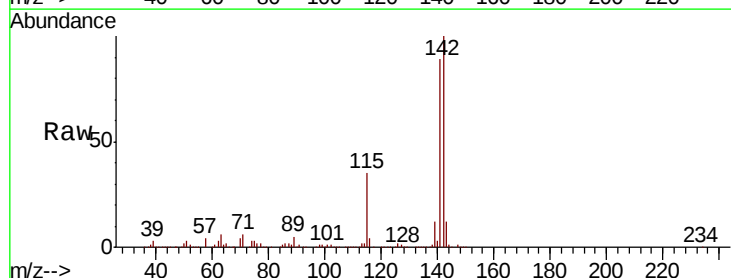
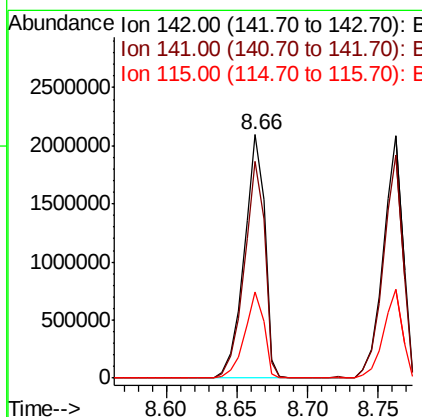
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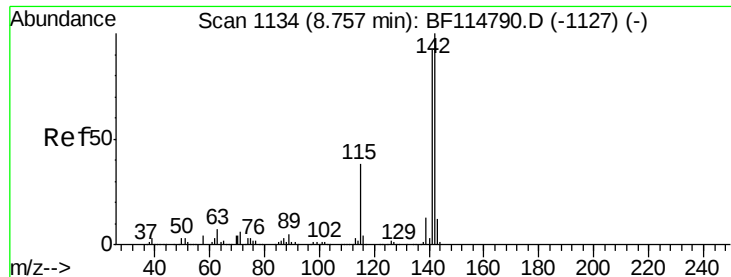
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#37
2-Methylnaphthalene
Concen: 35.589 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.6	107.4
115	35.4	28.2	42.4





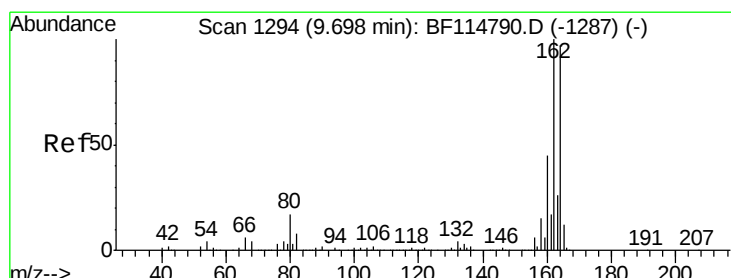
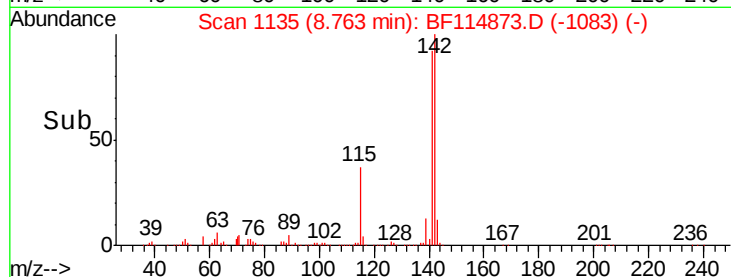
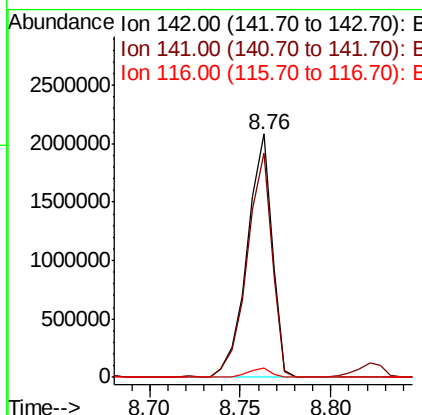
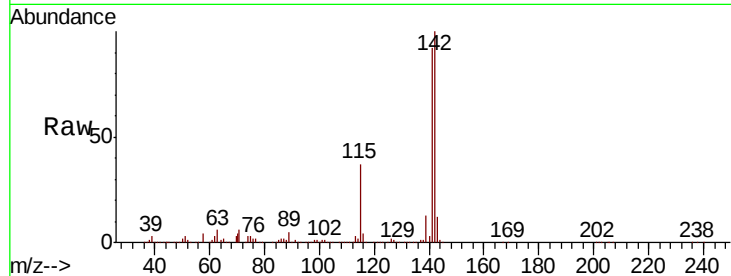
#38
1-Methylnaphthalene
Concen: 35.163 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.8	110.6
116	3.8	3.3	4.9

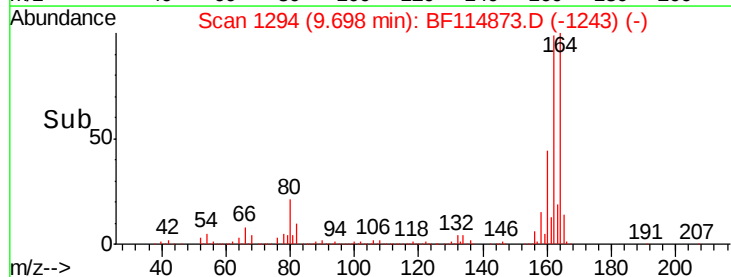
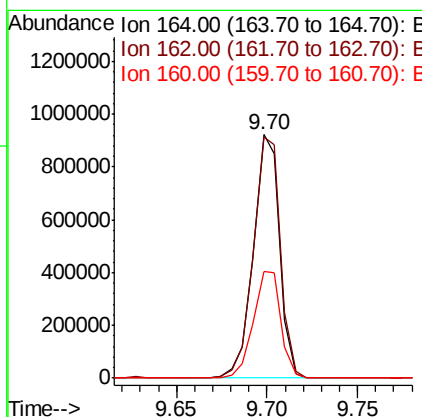
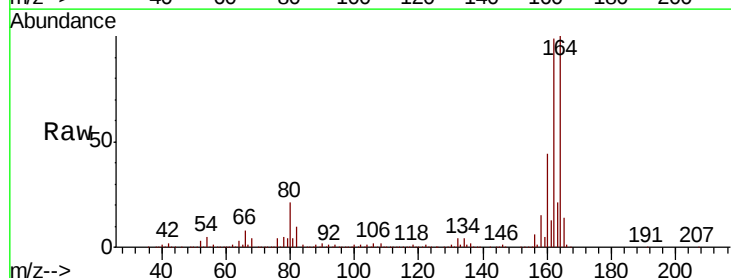
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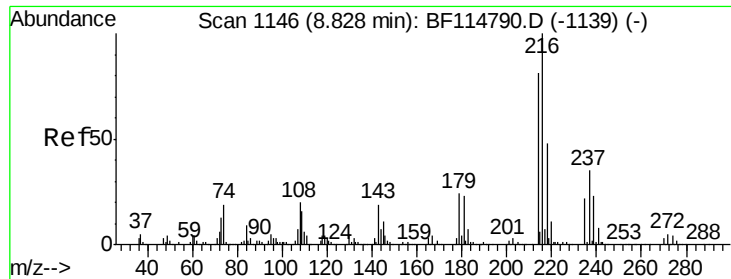
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.3	123.5
160	43.7	36.7	55.1





#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.304 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

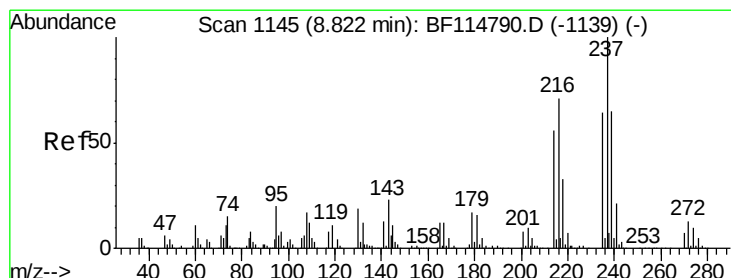
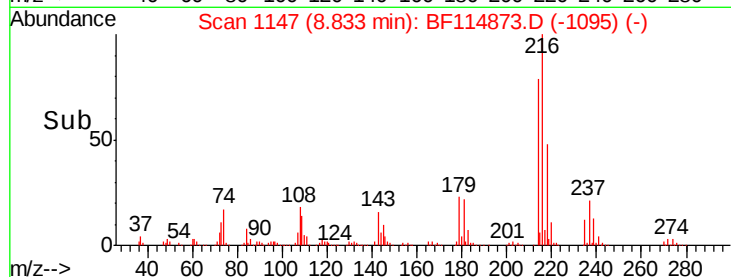
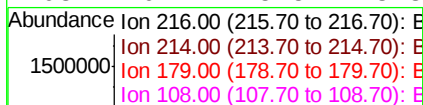
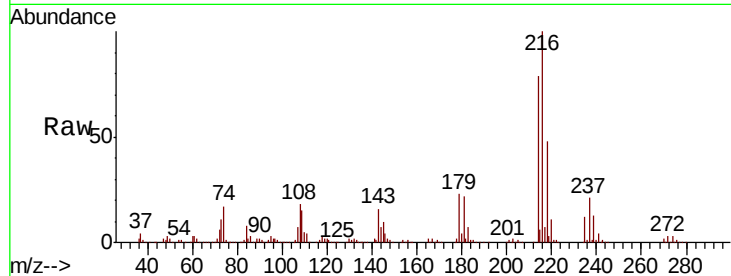
ClientSampleId :

RBR-200050MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	912215		
214	78.4	63.4	95.2	
179	22.4	18.3	27.5	
108	20.7	15.5	23.3	

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#41

Hexachlorocyclopentadiene

Concen: 61.324 ng

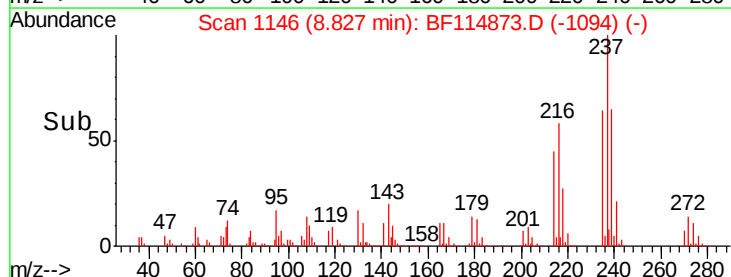
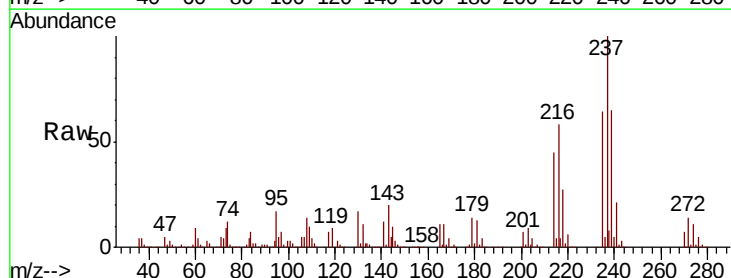
RT: 8.83 min Scan# 1146

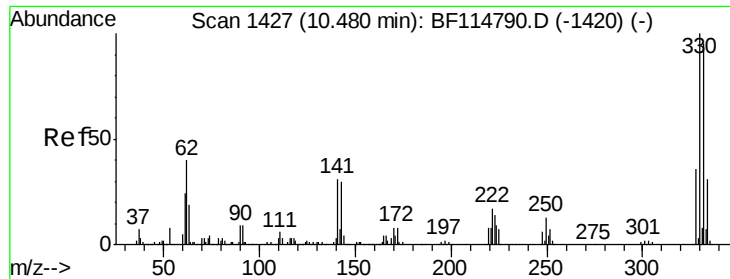
Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	989040		
235	64.1	44.0	84.0	
272	13.7	0.0	33.4	





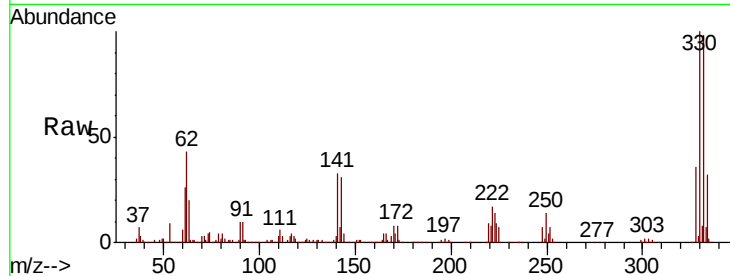
#42
 2,4,6-Tribromophenol
 Concen: 97.591 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	32.5	26.2	39.4

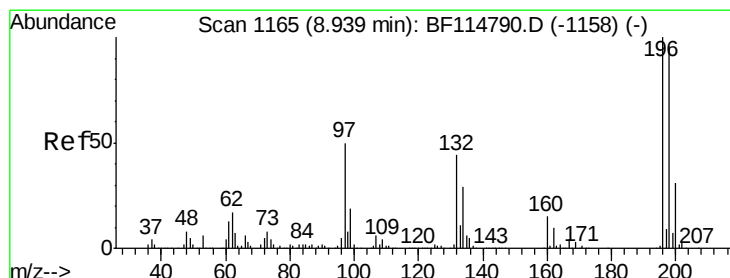
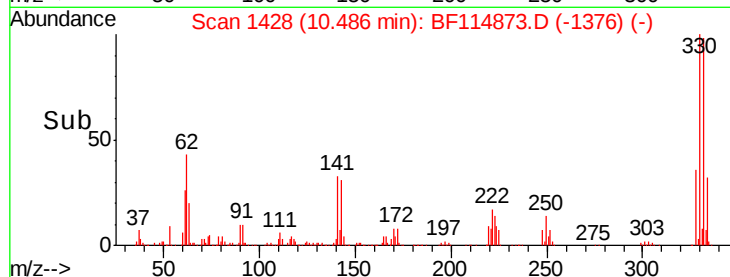
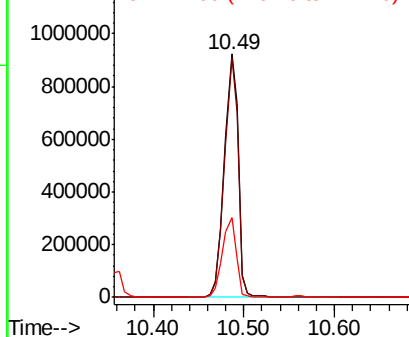
Manual Integrations
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Abundance

Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

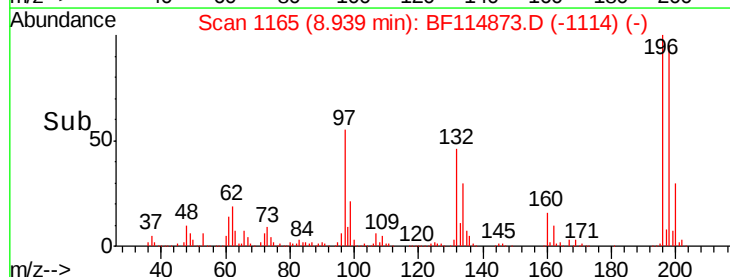
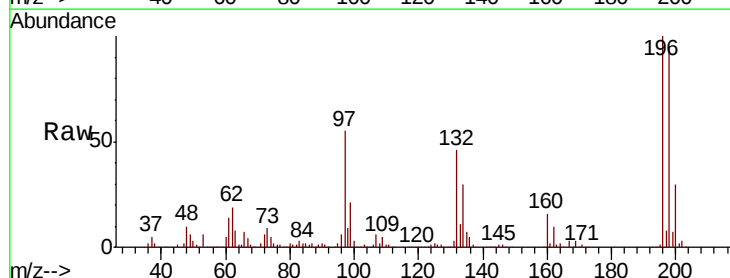
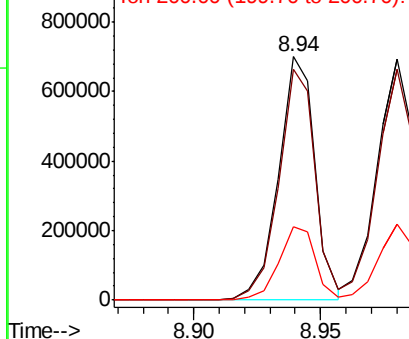


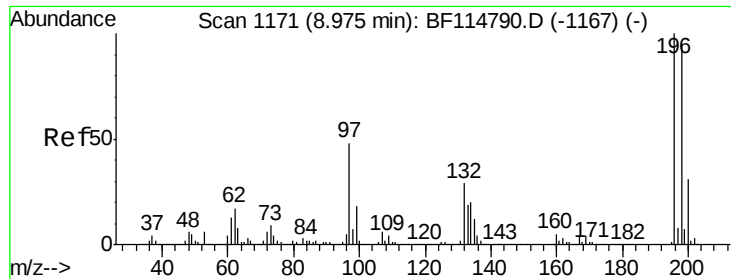
#43
 2,4,6-Trichlorophenol
 Concen: 33.961 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.1	115.7
200	30.4	24.6	36.8

Abundance

Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





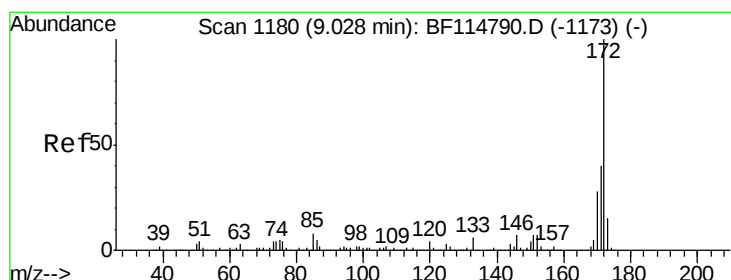
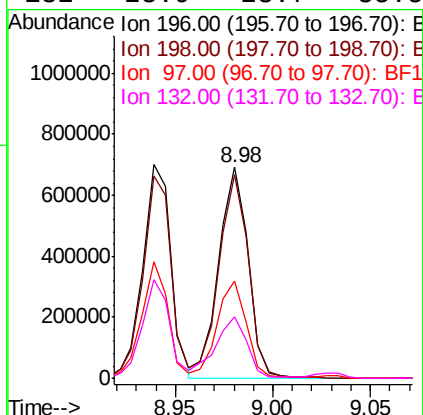
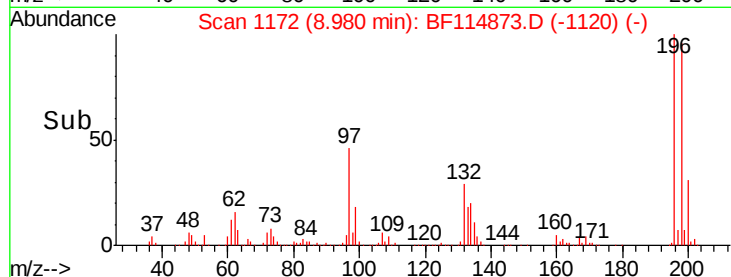
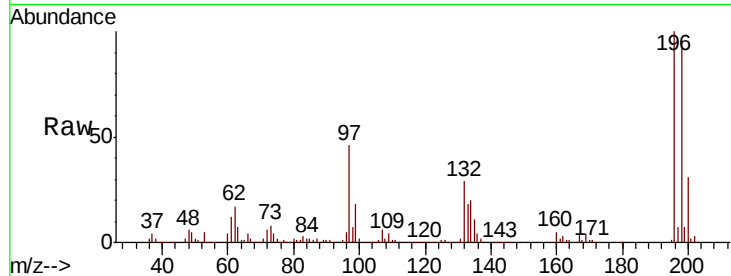
#44
2,4,5-Trichlorophenol
Concen: 34.880 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	726361		
198	96.2	76.2	114.4	
97	46.2	38.2	57.4	
132	28.9	23.7	35.5	

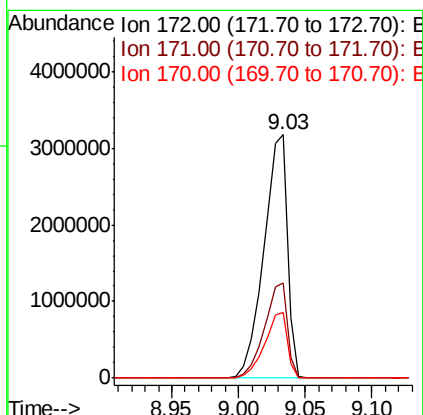
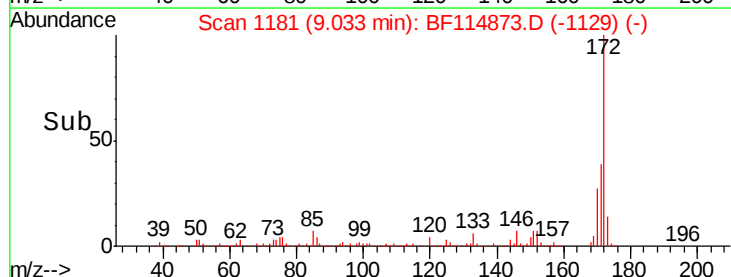
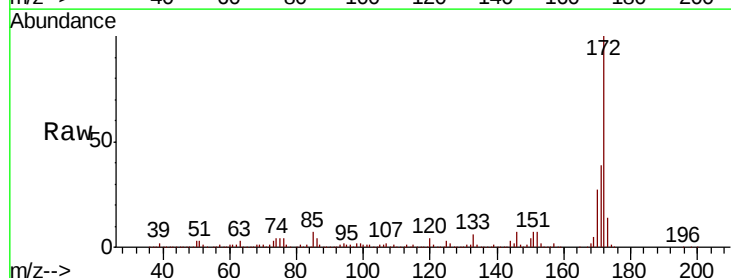
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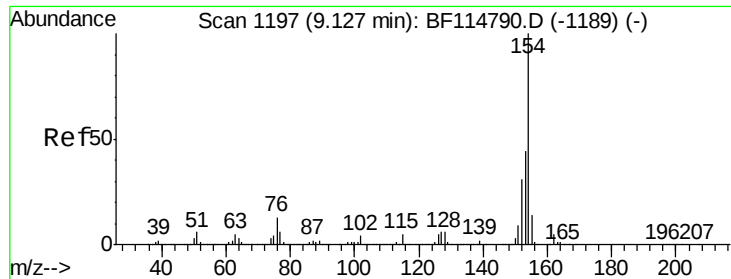
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#45
2-Fluorobiphenyl
Concen: 78.898 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3886408		
171	39.3	32.3	48.5	
170	27.2	22.4	33.6	





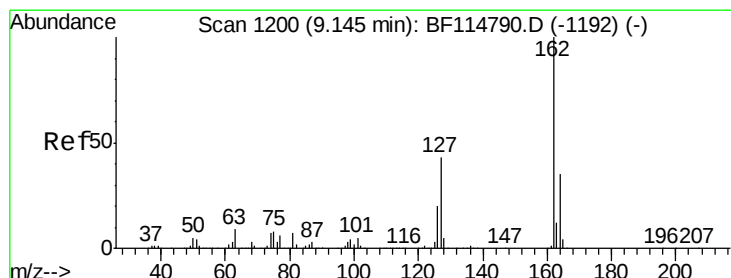
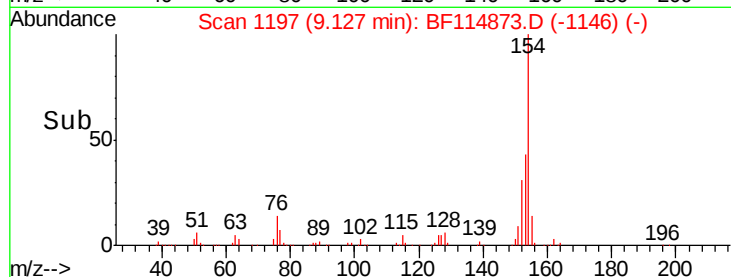
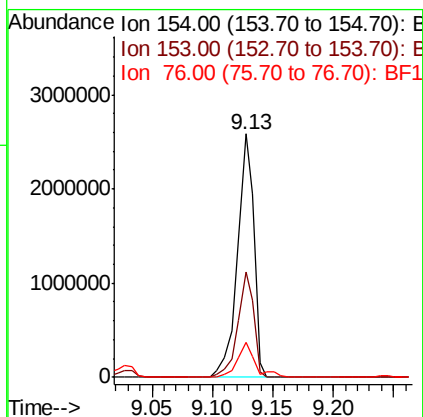
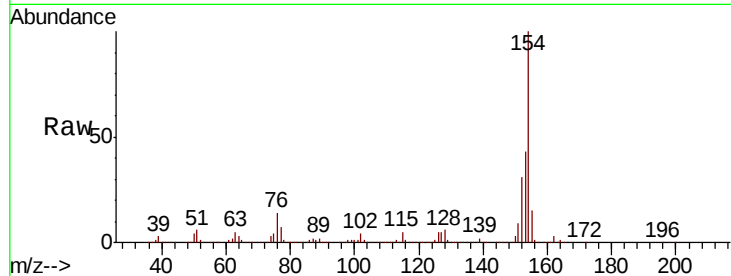
#46
1,1'-Biphenyl
Concen: 35.861 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.4	23.9	63.9
76	14.3	0.0	33.2

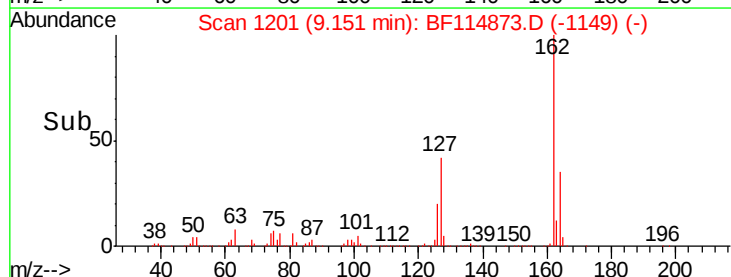
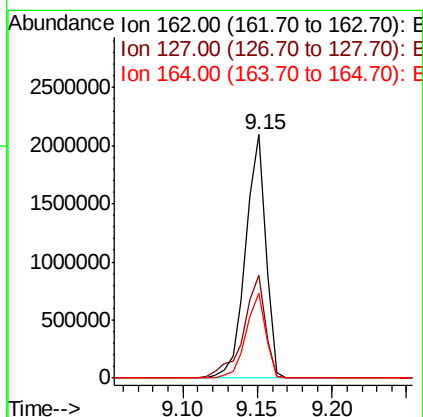
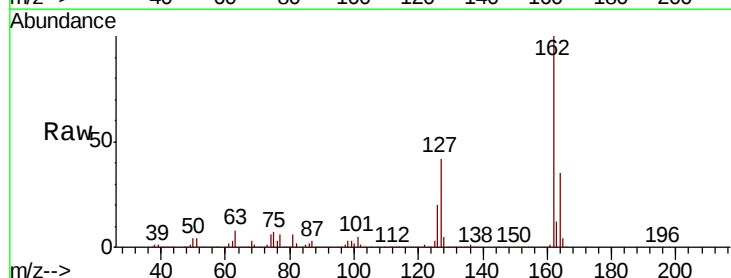
Manual Integrations
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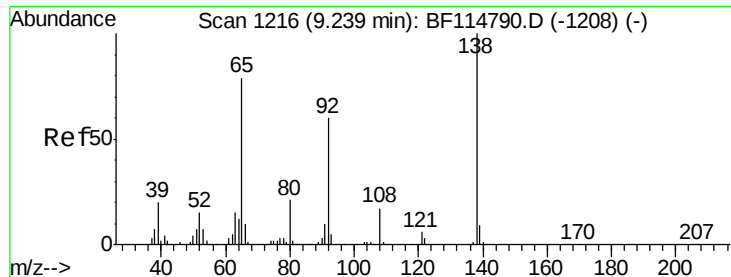
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#47
2-Chloronaphthalene
Concen: 33.885 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	34.6	51.8
164	34.9	27.8	41.8





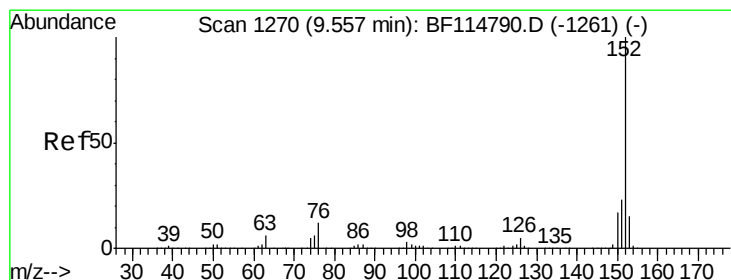
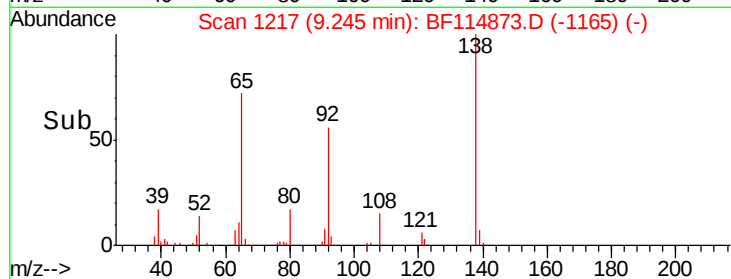
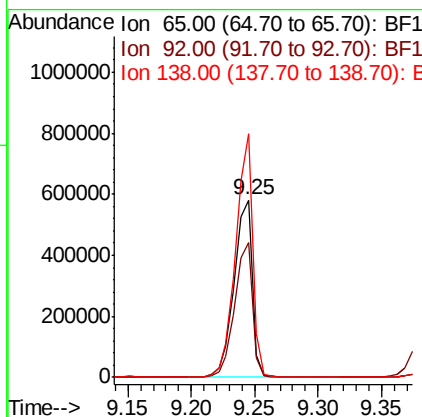
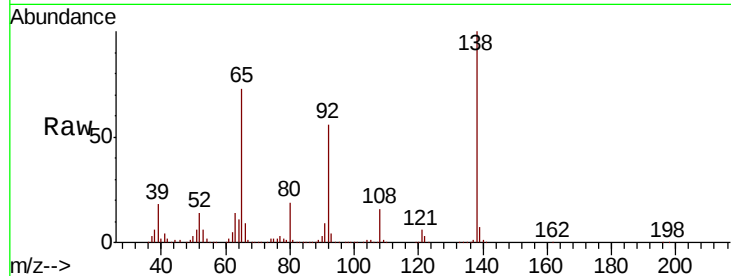
#48
2-Nitroaniline
Concen: 33.083 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.5	60.4	90.6
138	137.5	101.2	151.8

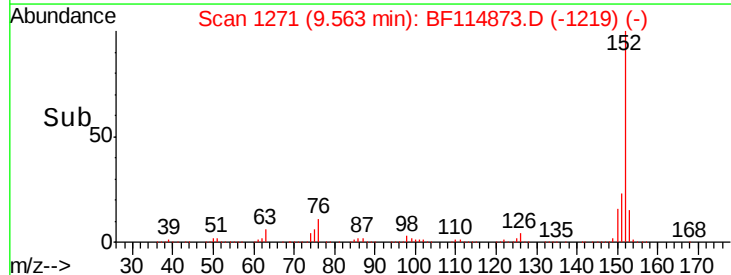
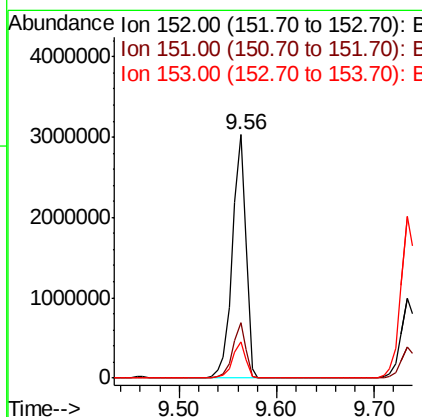
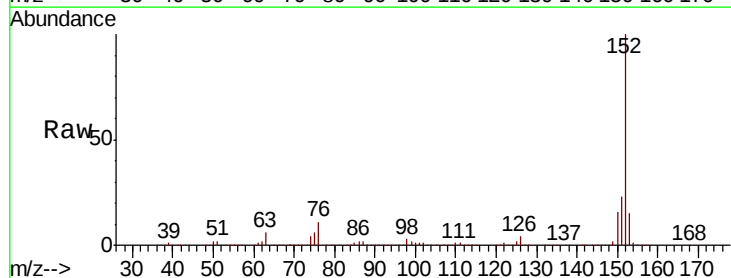
Manual Integrations
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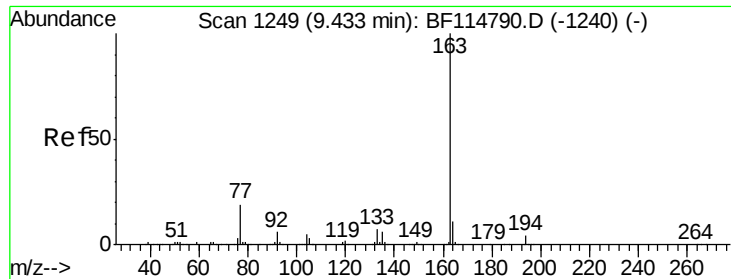
mohammad
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#49
Acenaphthylene
Concen: 34.865 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.9	18.3	27.5
153	15.0	12.3	18.5





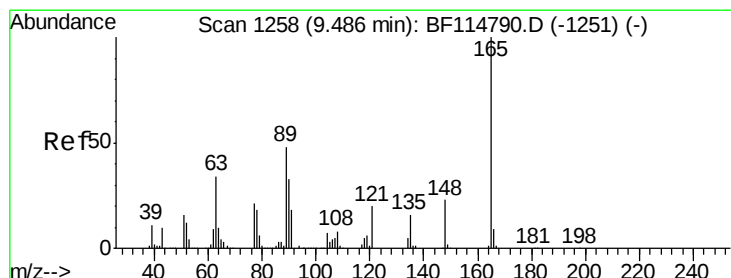
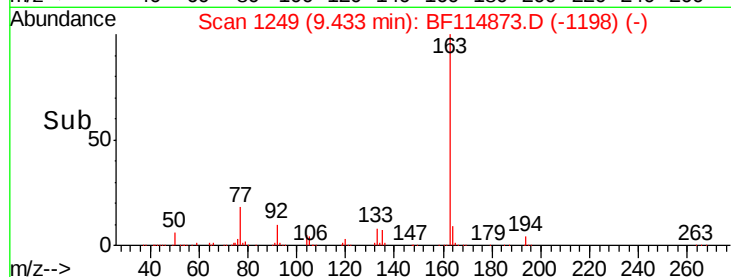
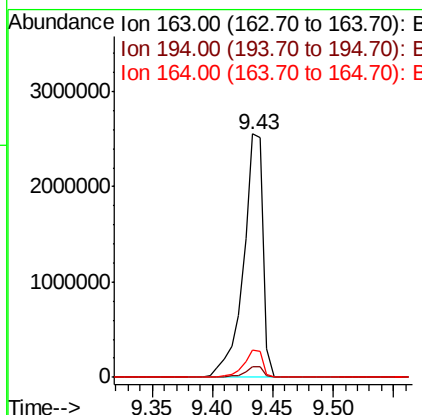
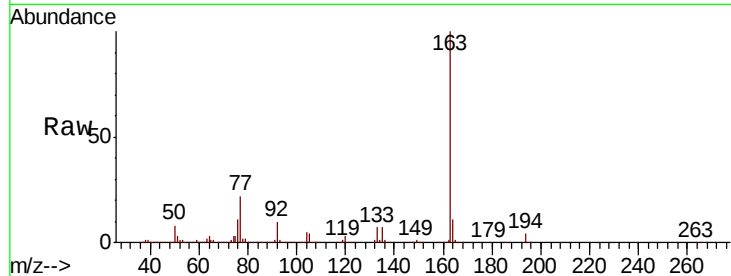
#50
Dimethylphthalate
Concen: 42.531 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	11.4	8.6	13.0

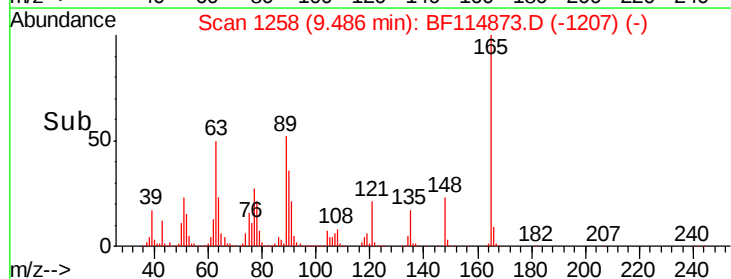
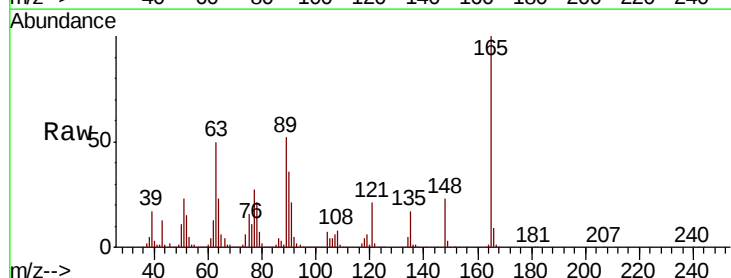
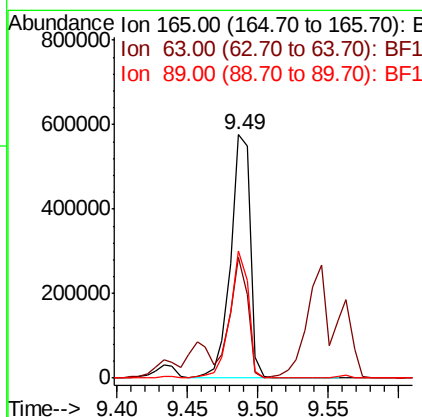
Manual Integrations
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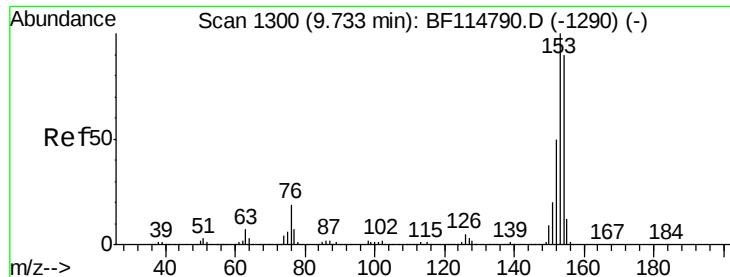
mohammad
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#51
2,6-Dinitrotoluene
Concen: 35.199 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.8	35.1	52.7
89	52.0	38.2	57.2





#52

Acenaphthene

Concen: 34.601 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:154 Resp: 1910144

Ion Ratio Lower Upper

154 100

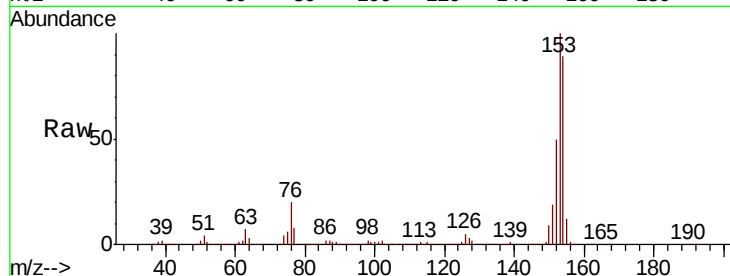
153 112.3 88.5 132.7

152 55.7 44.1 66.1

Manual Integrations
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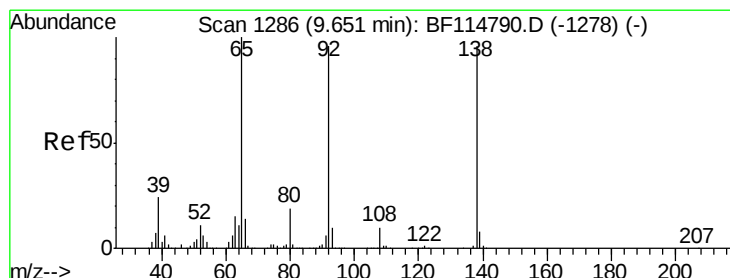
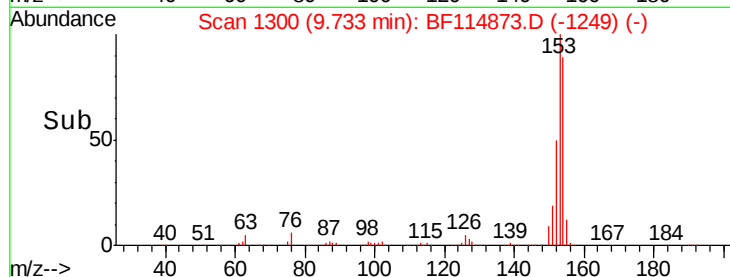
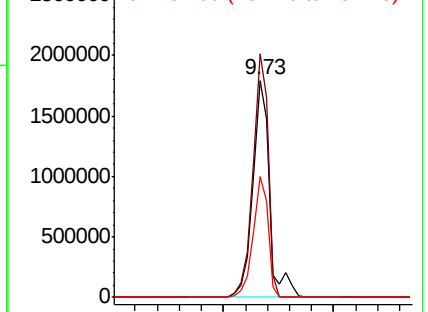


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 26.714 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

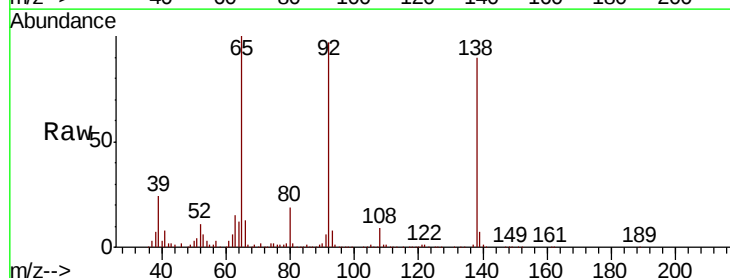
Tgt Ion:138 Resp: 494626

Ion Ratio Lower Upper

138 100

108 10.1 7.9 11.9

92 106.9 79.9 119.9

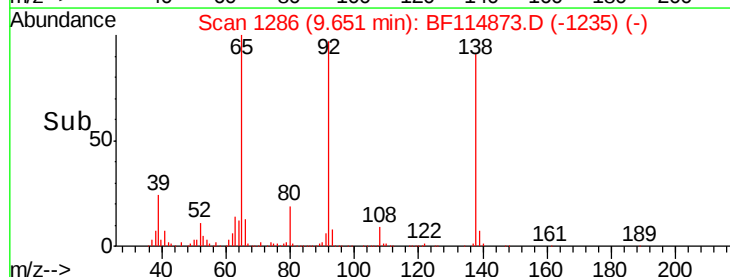
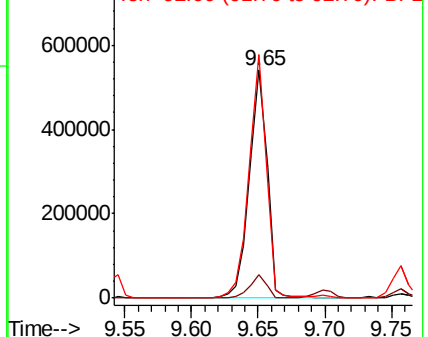


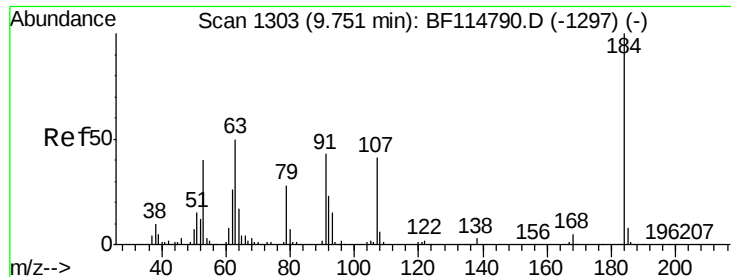
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 38.724 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

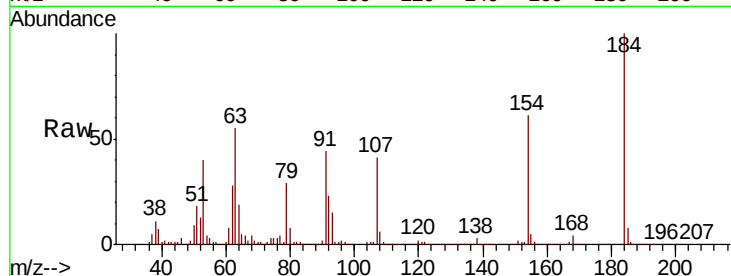
ClientSampled :

RBR-200050MS

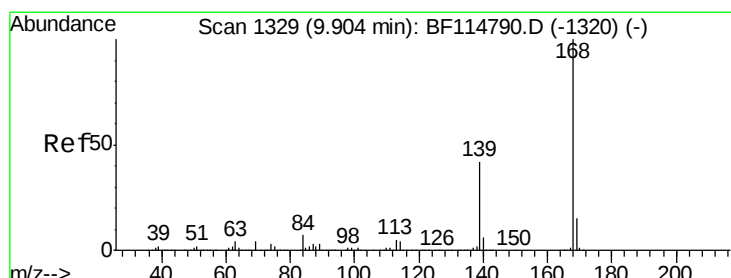
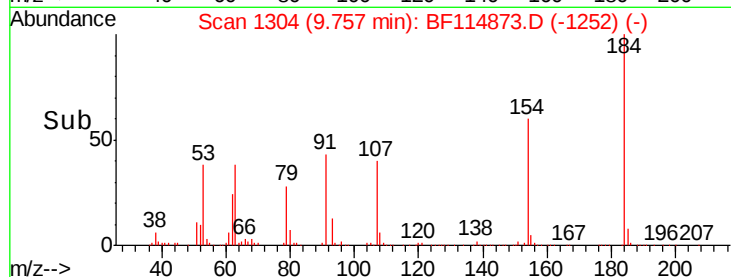
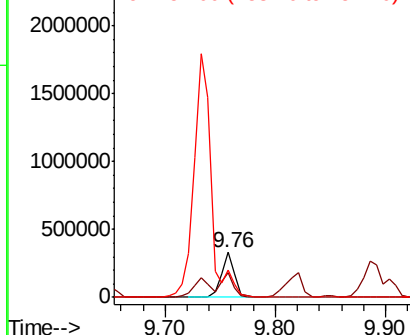
Tot Ion:	184	Resp:	277735
Ion Ratio	Lower	Upper	
184	100		
63	54.9	44.1	66.1
154	60.7	48.1	72.1

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 33.944 ng

RT: 9.90 min Scan# 1329

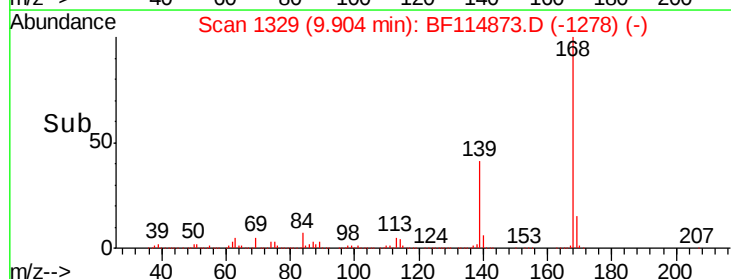
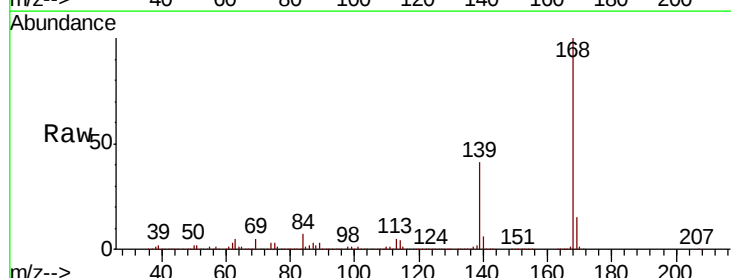
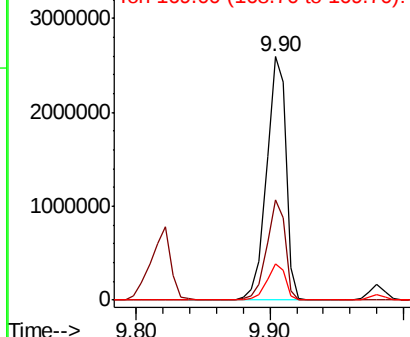
Delta R.T. -0.00 min

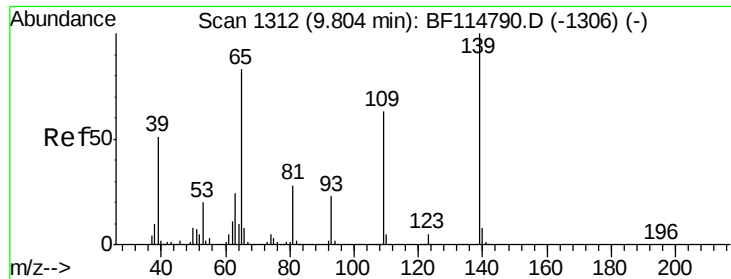
Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Tgt Ion:	168	Resp:	2605672
Ion Ratio	Lower	Upper	
168	100		
139	41.4	33.8	50.6
169	14.9	11.9	17.9

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





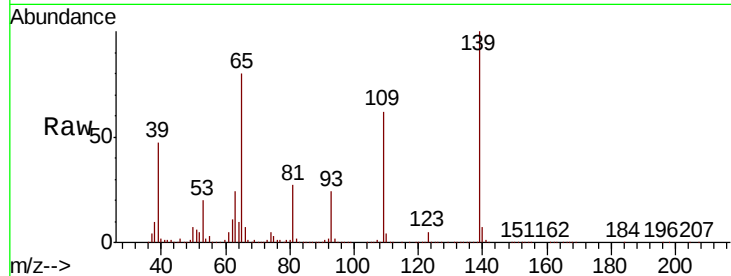
#56
4-Nitrophenol
Concen: 61.356 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.3	43.5	83.5	
65	80.2	63.2	103.2	

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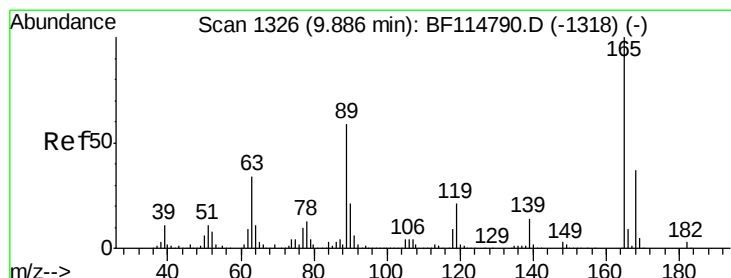
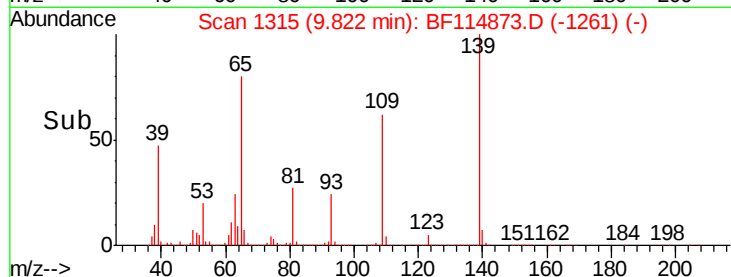
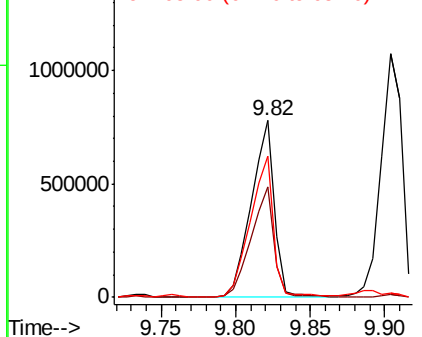


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57
2,4-Dinitrotoluene
Concen: 34.690 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	33.7	27.0	40.4	
89	59.0	47.0	70.6	
182	2.8	2.2	3.2	

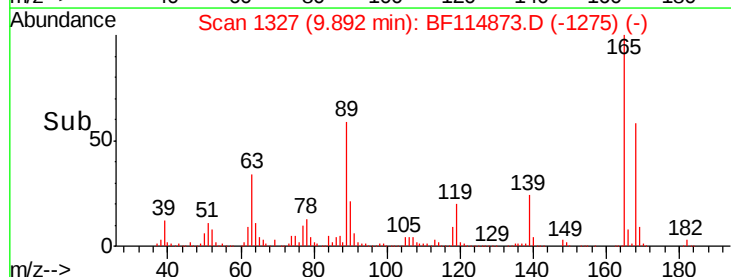
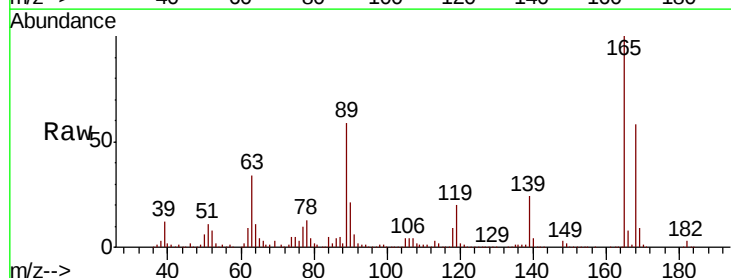
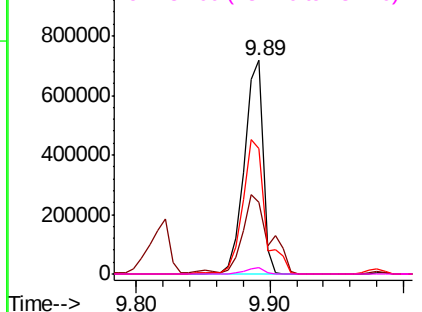
Abundance

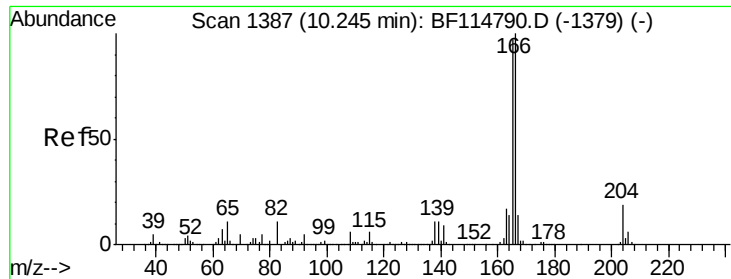
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





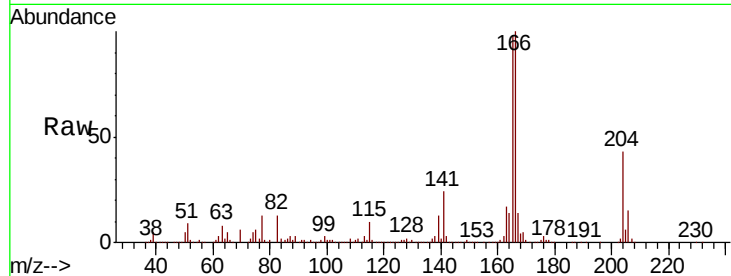
#58
 Fluorene
 Concen: 34.711 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

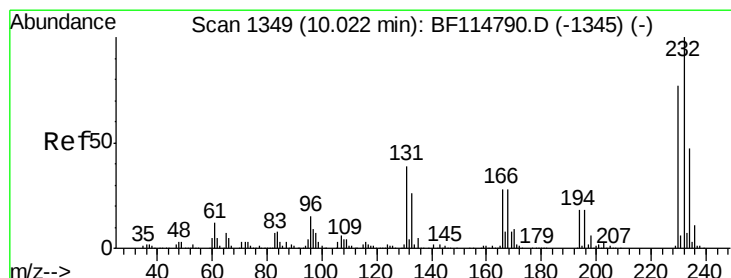
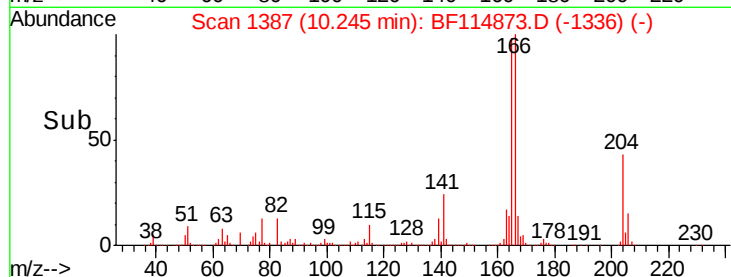
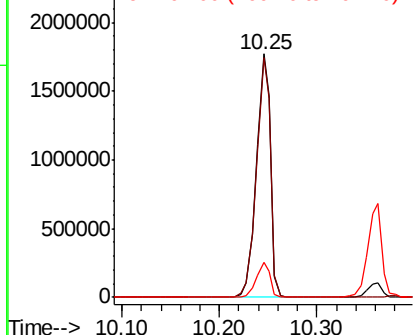
Tot Ion:166 Resp: 1811329
 Ion Ratio Lower Upper
 166 100
 165 98.4 77.9 116.9
 167 14.4 11.3 16.9

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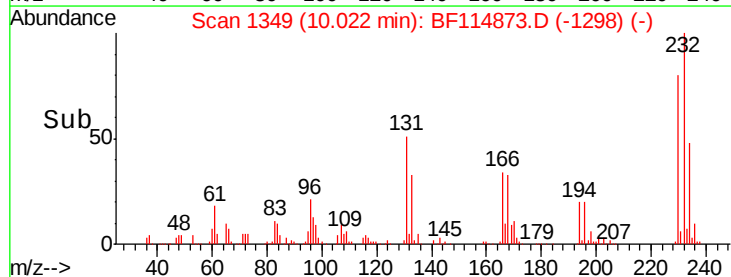
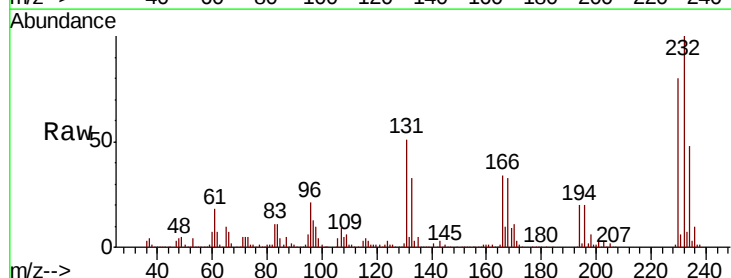
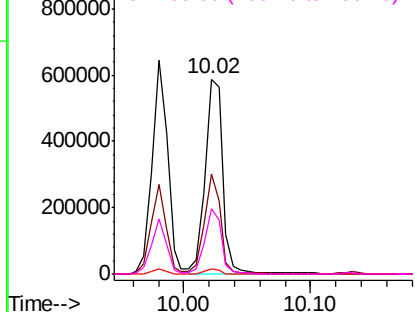
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

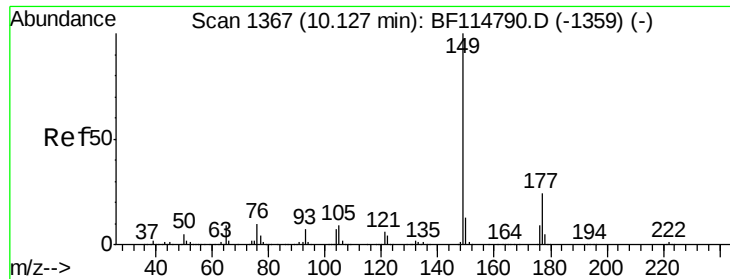


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.434 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Tgt Ion:232 Resp: 570429
 Ion Ratio Lower Upper
 232 100
 131 46.6 36.8 55.2
 130 2.3 1.8 2.6
 166 31.3 24.6 37.0

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





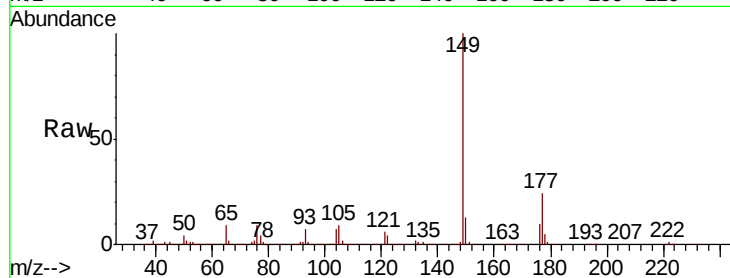
#60
Diethylphthalate
Concen: 33.637 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.3	28.9
150	13.5	10.7	16.1

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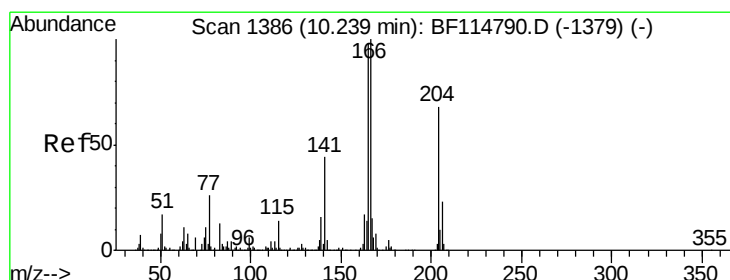
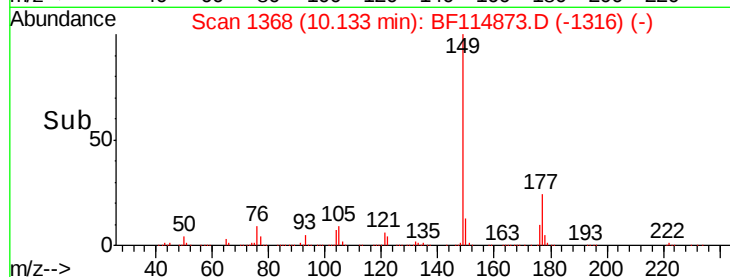
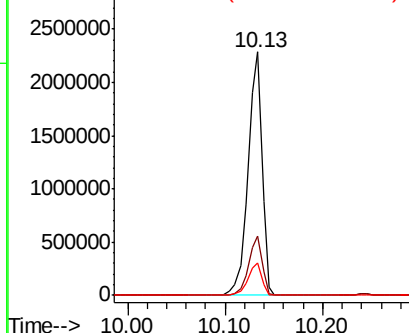


Abundance

Ion 149.00 (148.70 to 149.70): E

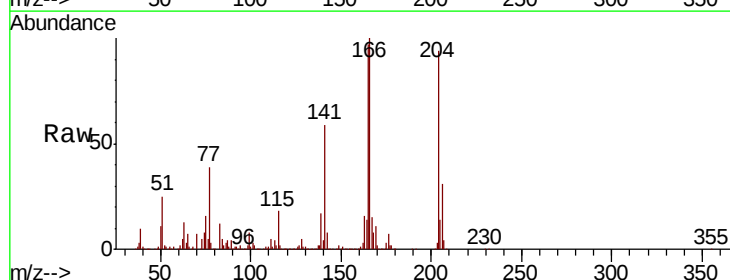
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61
4-Chlorophenyl-phenylether
Concen: 31.261 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	62.9	51.0	76.4

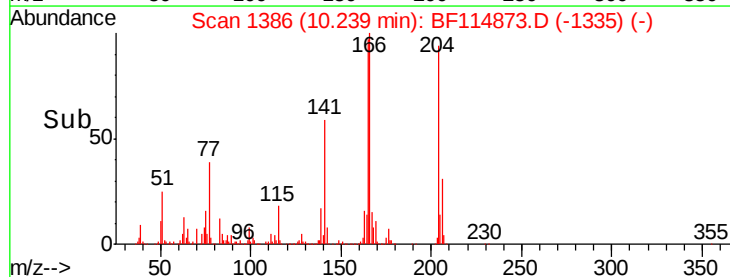
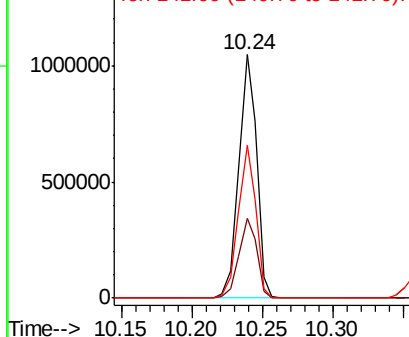


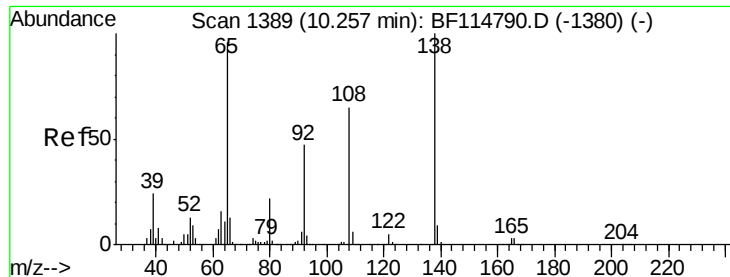
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 30.384 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:138 Resp: 545656

Ion Ratio Lower Upper

138 100

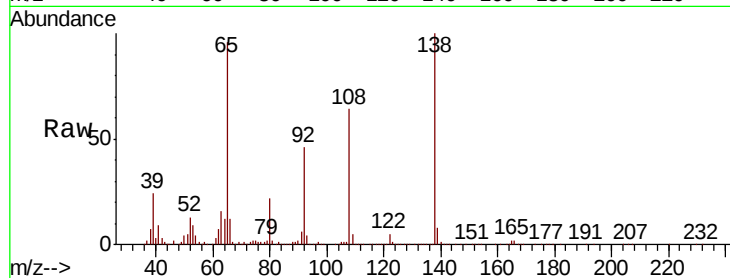
92 46.0 26.5 66.5

108 64.1 45.4 85.4

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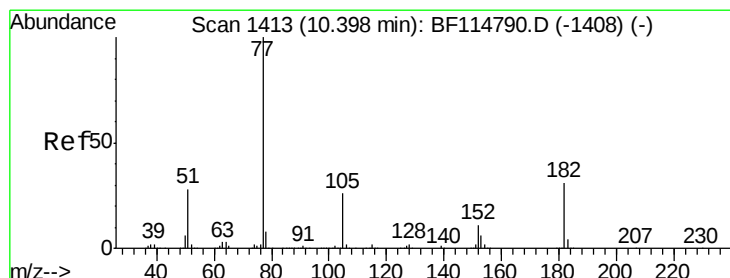
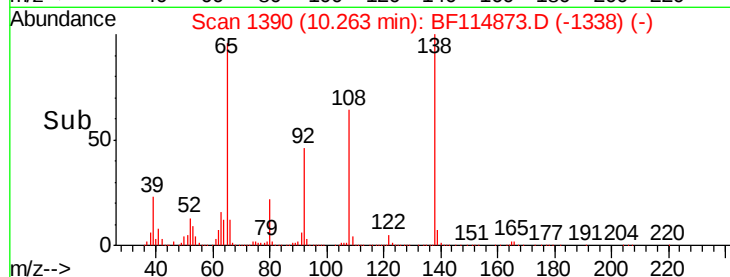
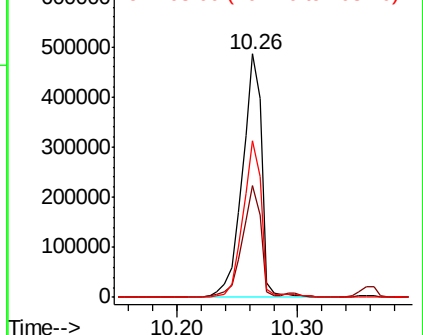
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 34.651 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Tgt Ion: 77 Resp: 1994718

Ion Ratio Lower Upper

77 100

182 32.6 11.2 51.2

105 25.8 5.7 45.7

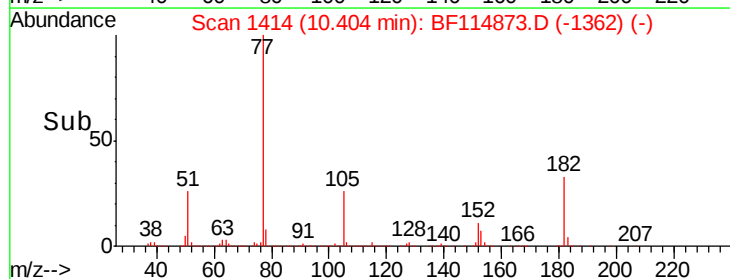
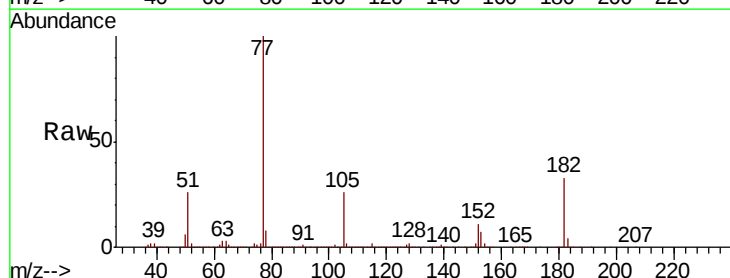
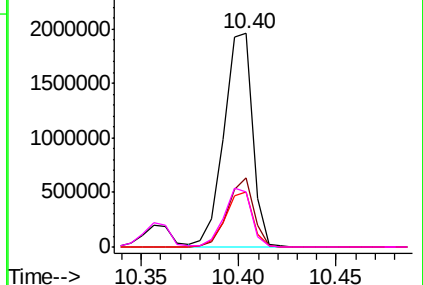
51 25.8 8.0 48.0

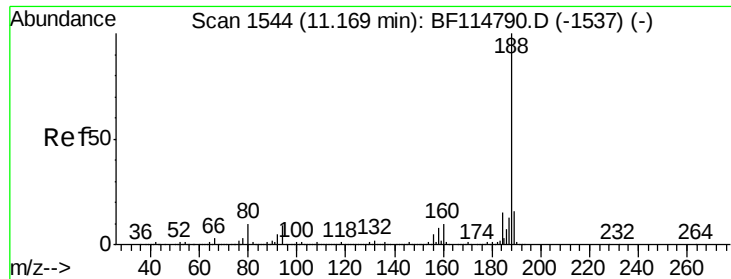
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





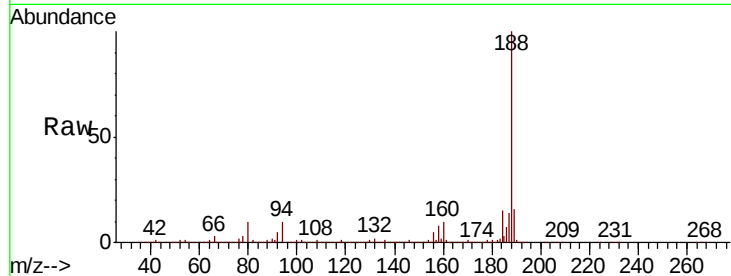
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

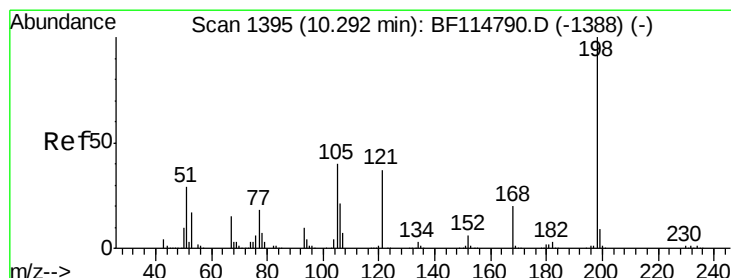
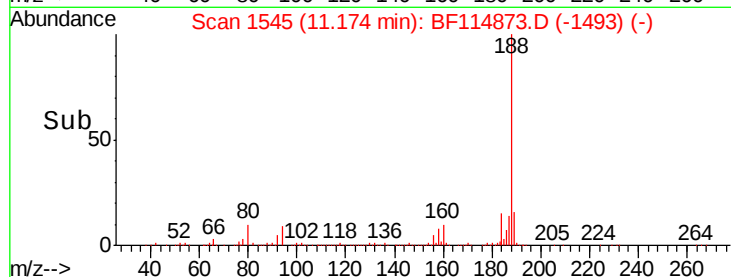
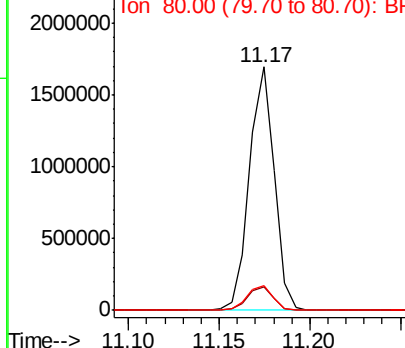
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.6	11.4
80	10.3	8.3	12.5

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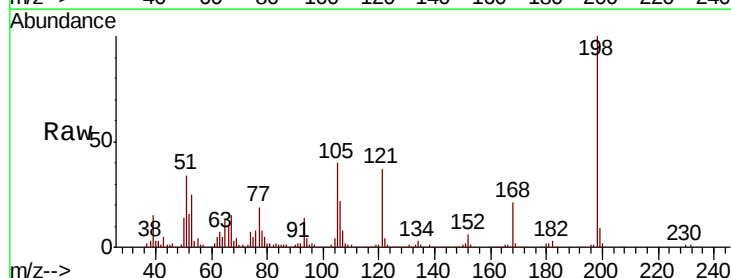


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

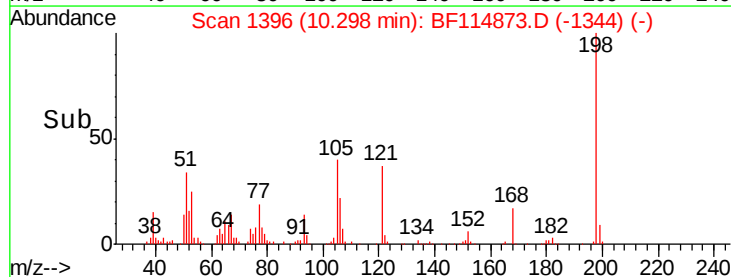
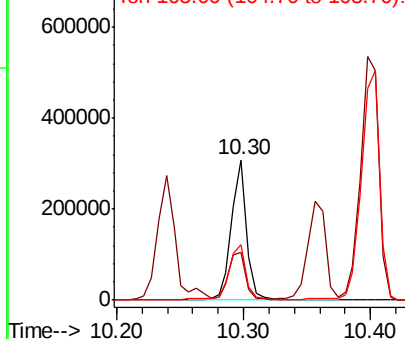


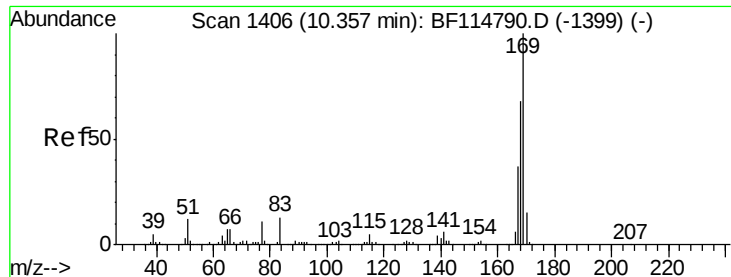
#65
4,6-Dinitro-2-methylphenol
Concen: 30.131 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
198	100		
51	33.6	14.9	54.9
105	39.8	21.0	61.0



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





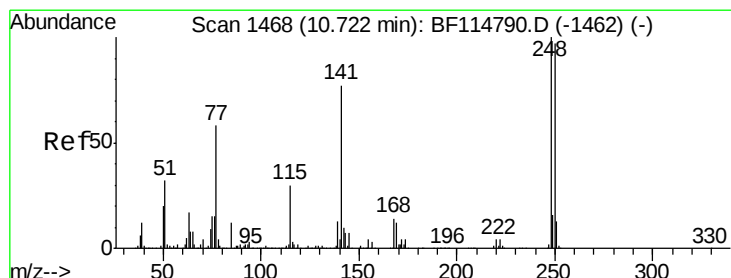
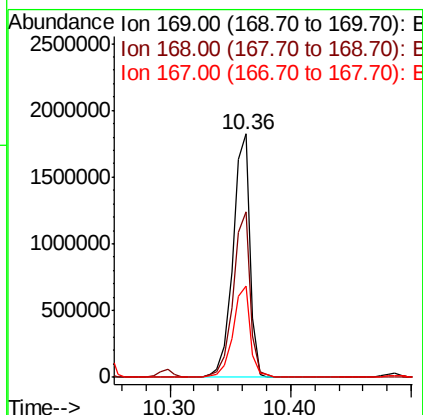
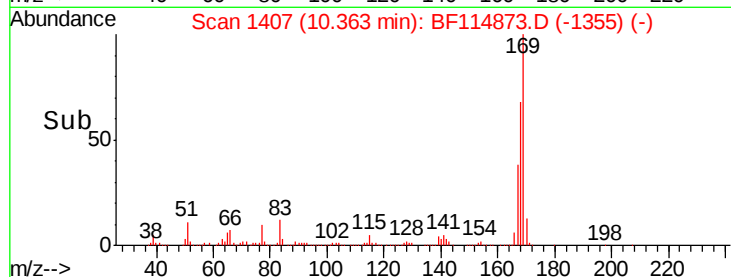
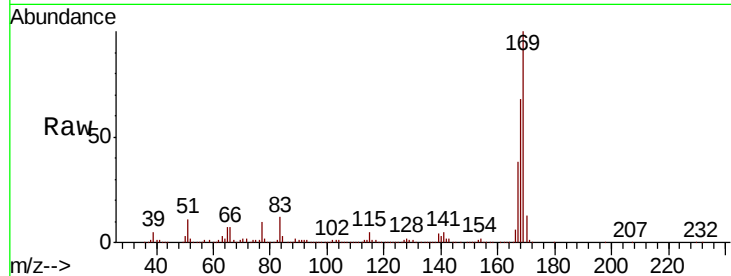
#66
 n-Nitrosodiphenylamine
 Concen: 36.437 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.3	81.5
167	37.6	29.9	44.9

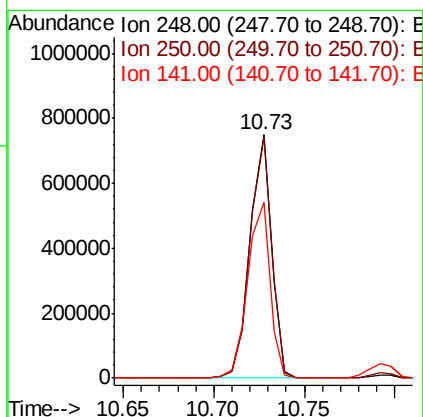
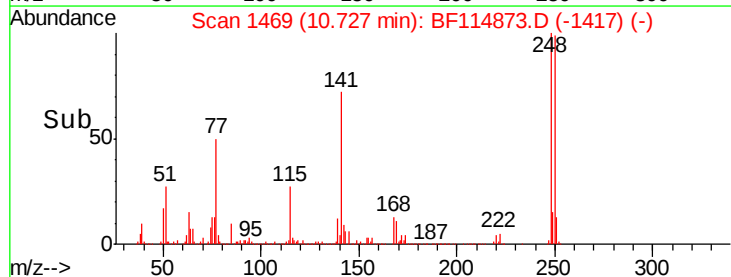
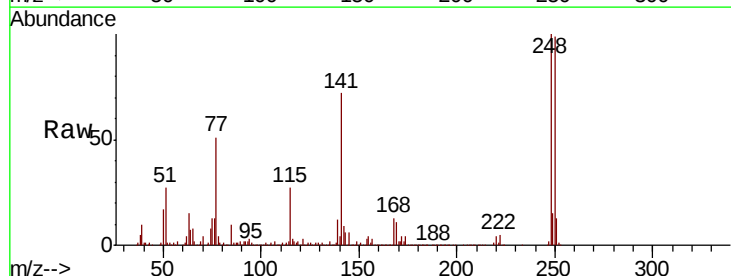
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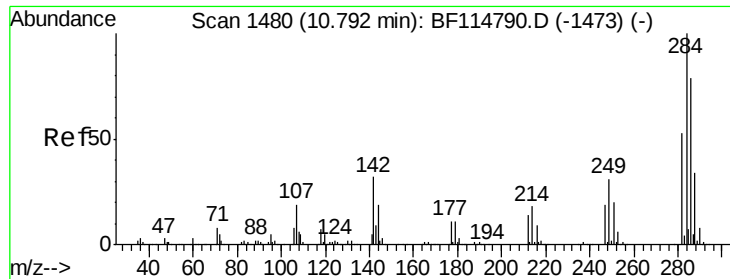
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#67
 4-Bromophenyl-phenylether
 Concen: 34.029 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.5	116.3
141	72.3	61.8	92.8





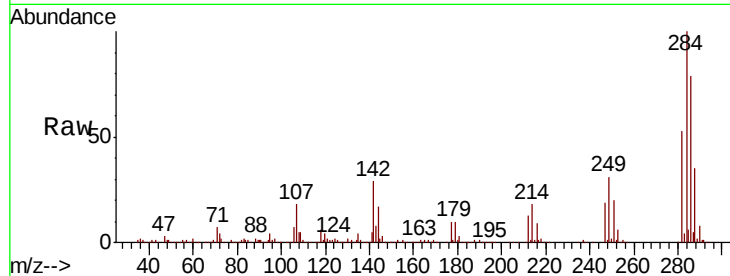
#68
Hexachlorobenzene
Concen: 33.537 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	674000		
142	29.1	25.3	37.9	
249	30.5	24.9	37.3	

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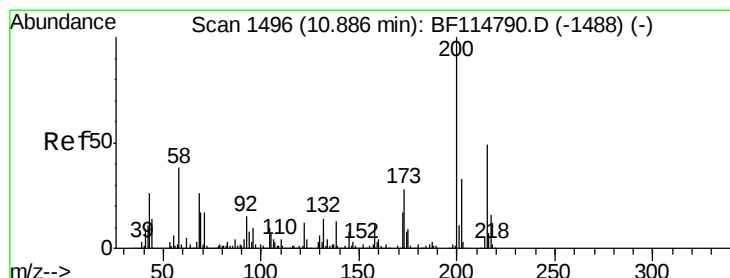
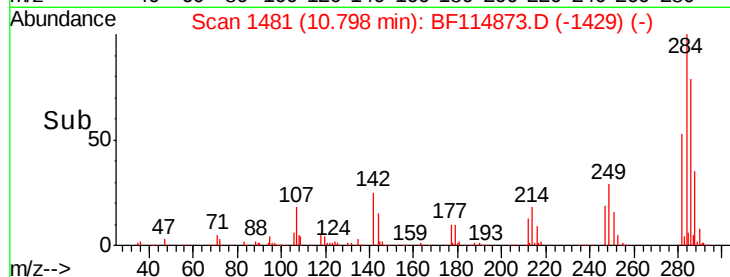
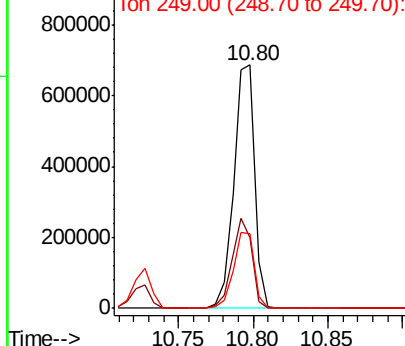


Abundance

Ion 283.80 (283.50 to 284.50): E

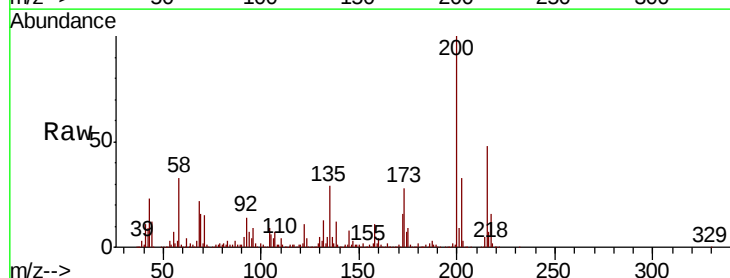
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69
Atrazine
Concen: 32.580 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	553976		
173	27.6	8.0	48.0	
215	48.0	28.7	68.7	

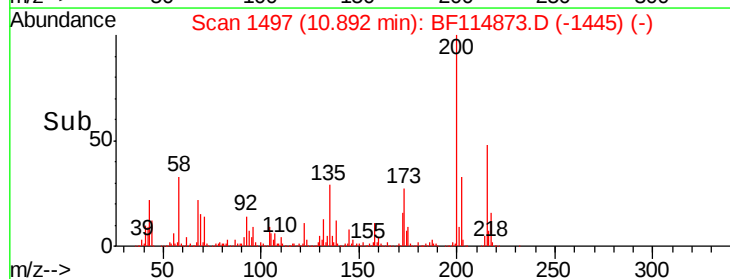
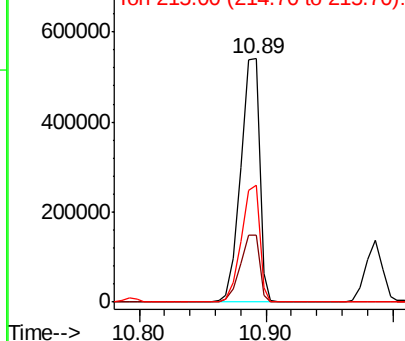


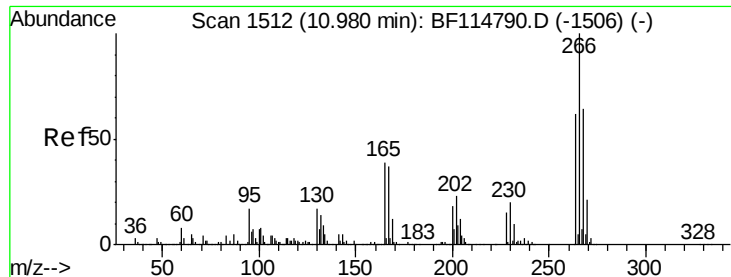
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





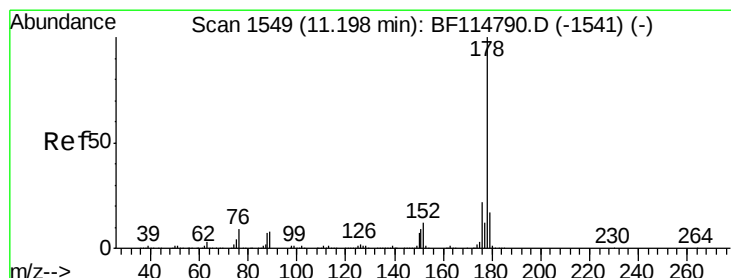
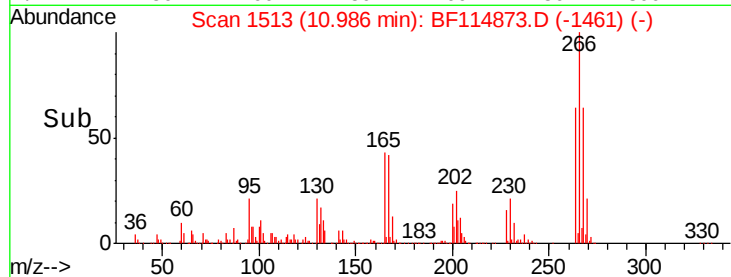
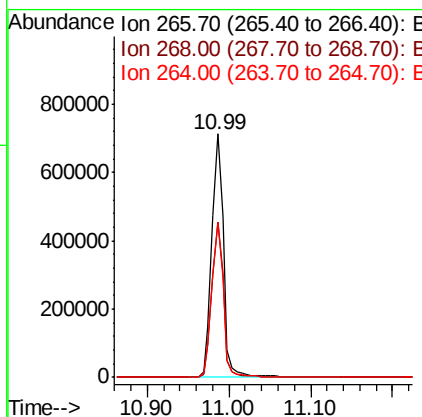
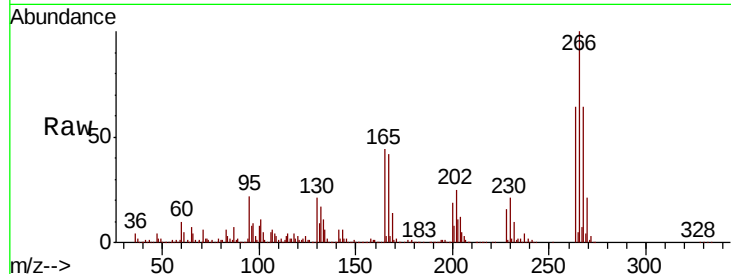
#70
 Pentachlorophenol
 Concen: 61.467 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.0	76.6
264	63.7	49.6	74.4

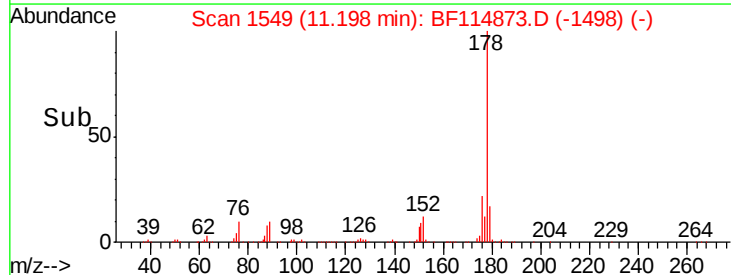
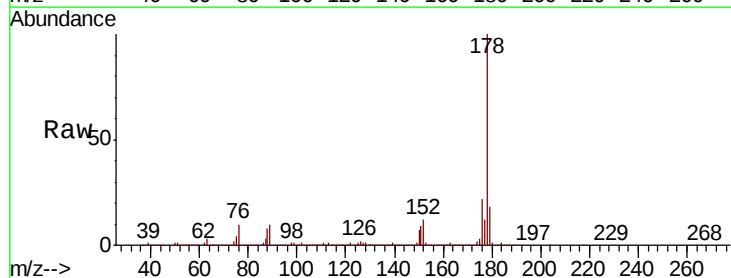
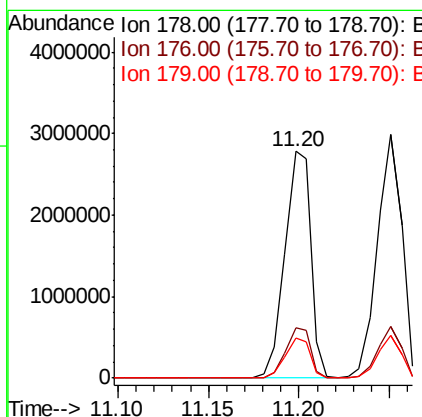
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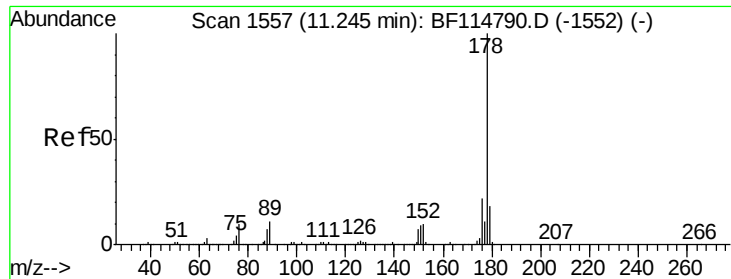
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#71
 Phenanthrene
 Concen: 36.124 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.0	17.7	26.5
179	17.5	13.7	20.5





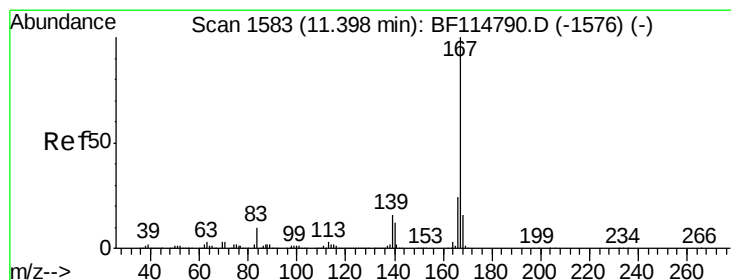
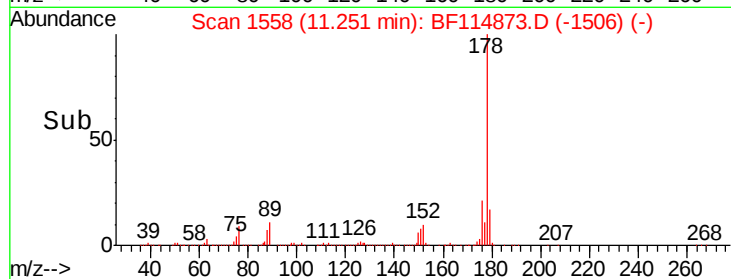
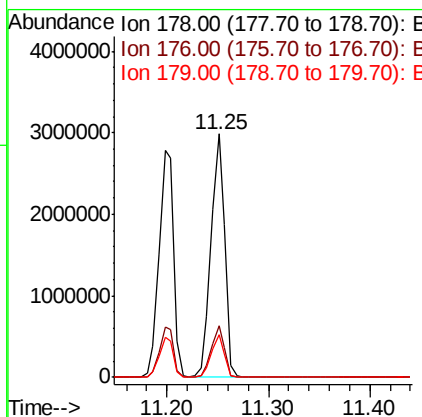
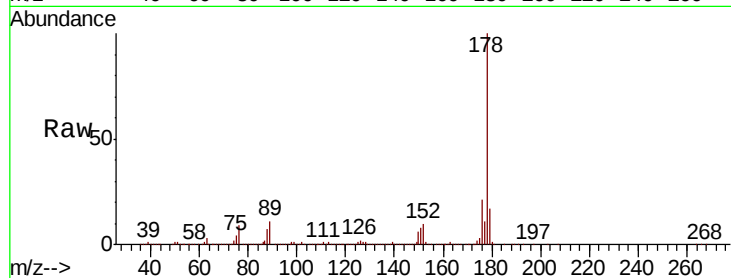
#72
 Anthracene
 Concen: 34.791 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.4	17.4	26.0
179	17.3	14.2	21.4

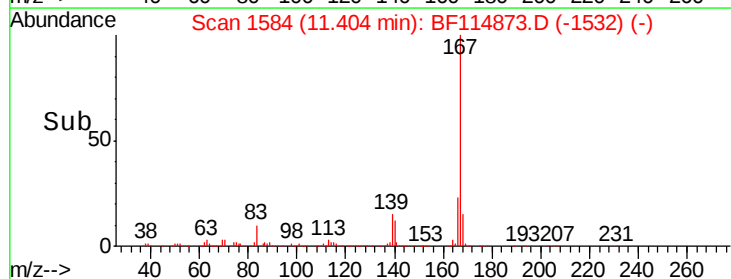
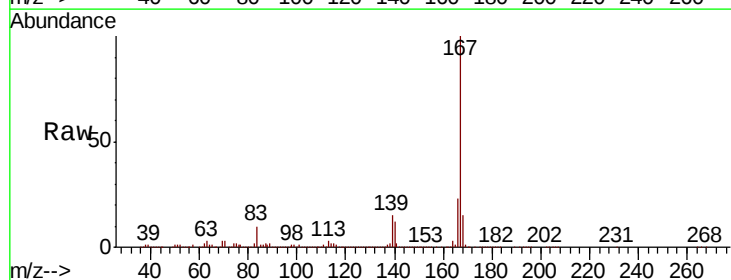
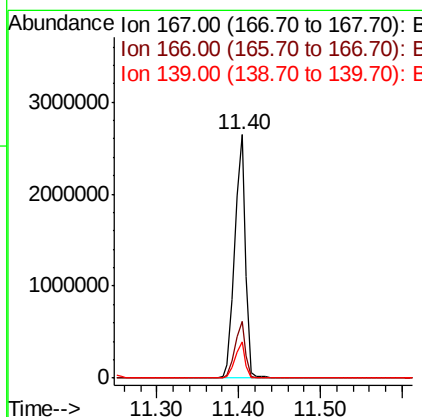
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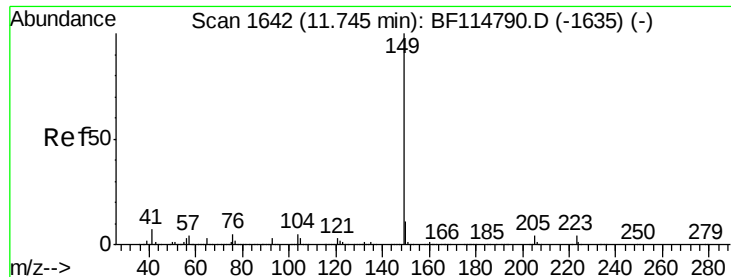
mohammad
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#73
 Carbazole
 Concen: 35.097 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	19.1	28.7
139	14.9	12.4	18.6





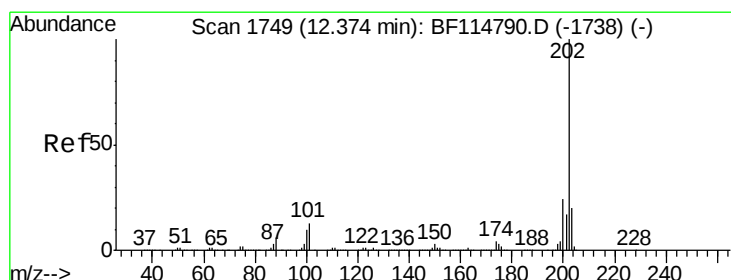
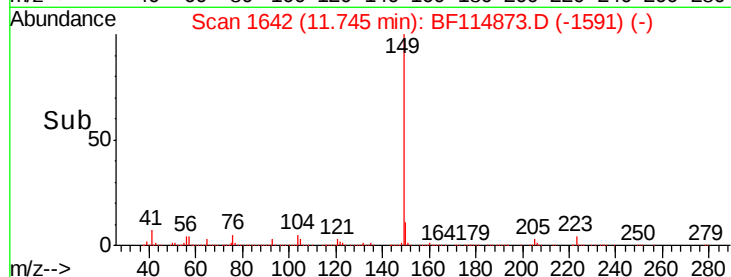
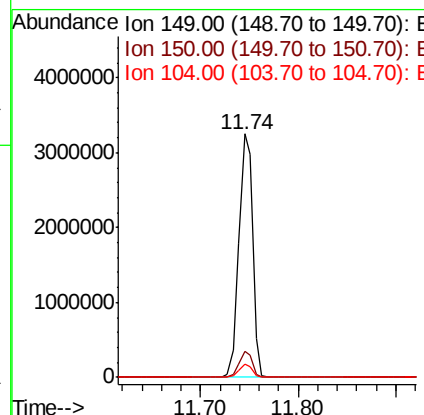
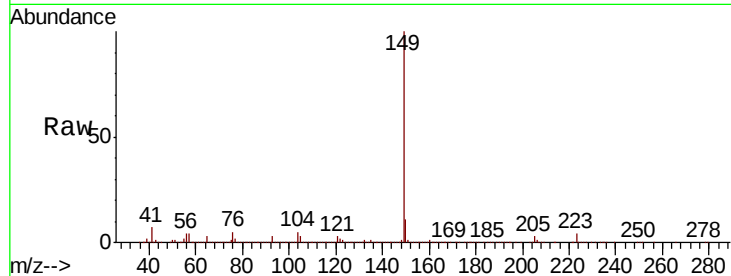
#74
Di-n-butylphthalate
Concen: 34.580 ng
RT: 11.74 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion:149 Resp: 3167132
Ion Ratio Lower Upper
149 100
150 10.9 8.9 13.3
104 5.2 4.3 6.5

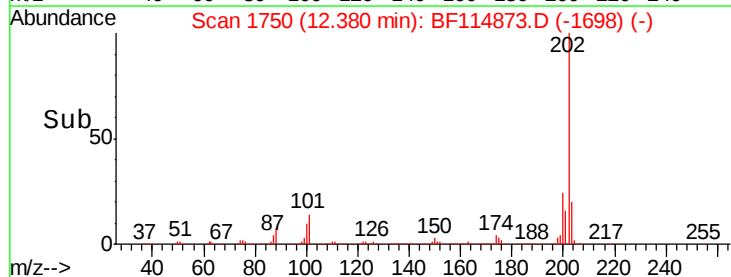
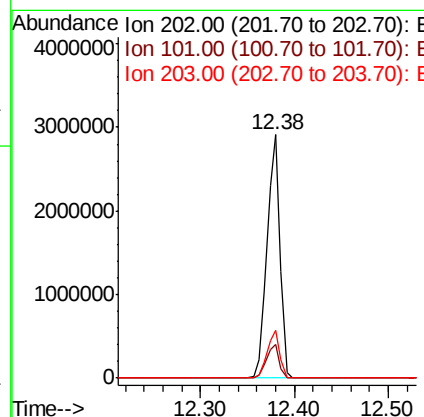
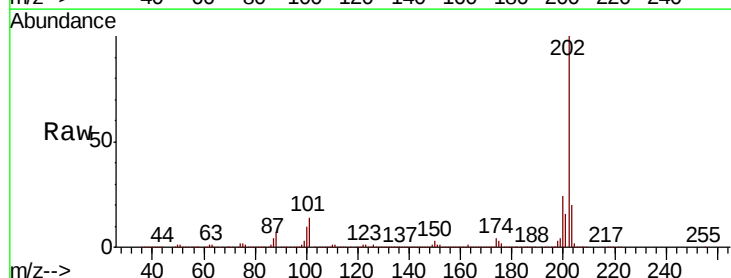
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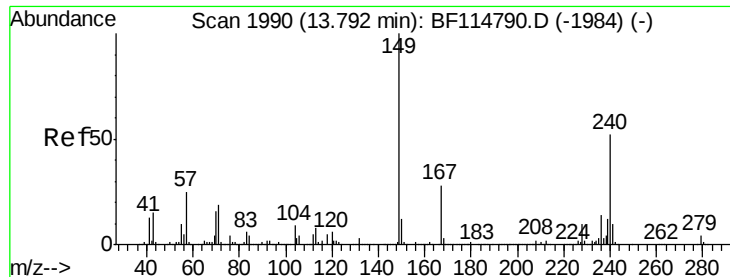
mohammad
6/7/2019 2:11:39 PM



#75
Fluoranthene
Concen: 34.683 ng
RT: 12.38 min Scan# 1750
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion:202 Resp: 2786284
Ion Ratio Lower Upper
202 100
101 13.7 0.0 32.8
203 19.9 0.2 40.2





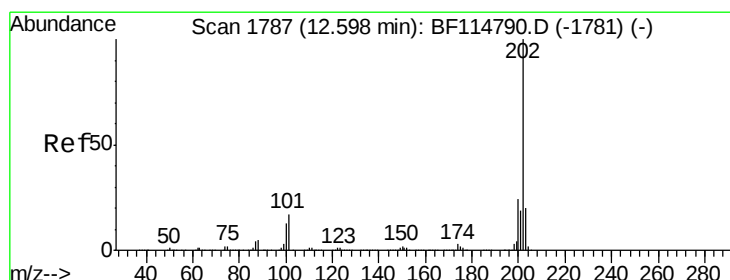
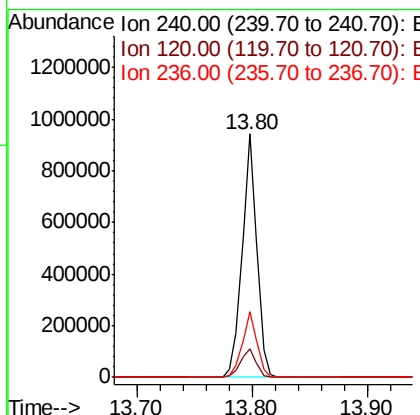
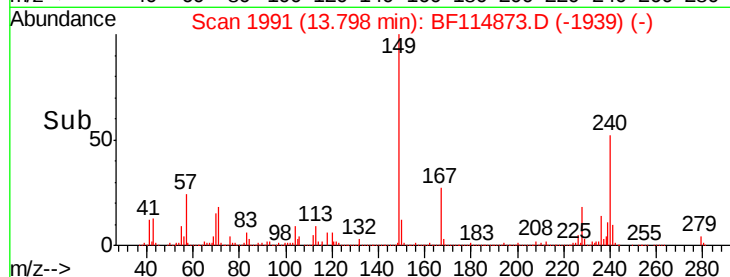
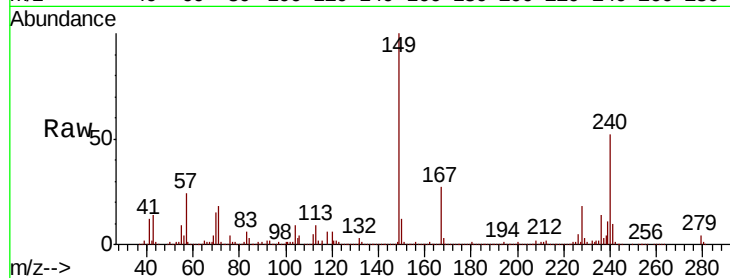
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	12.0	9.0	13.4		
236	27.1	21.4	32.0		

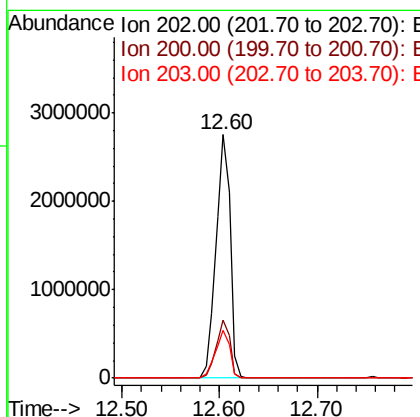
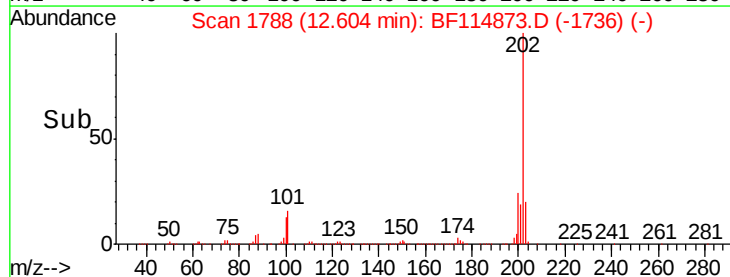
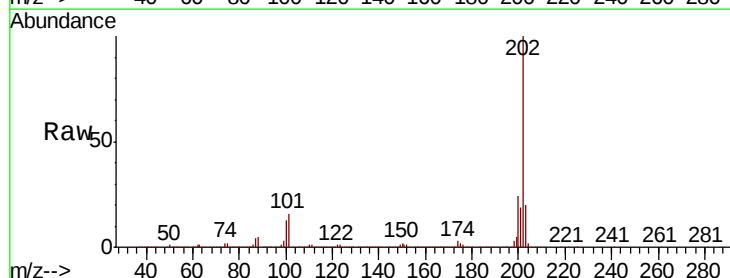
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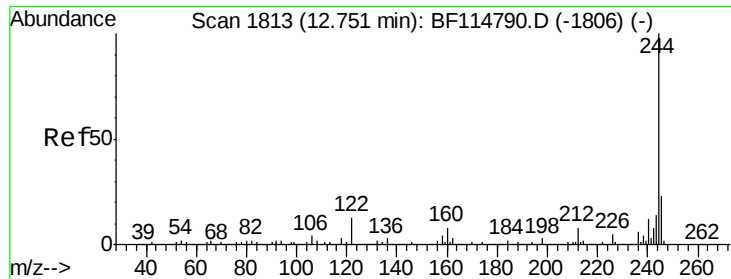
mohammad
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#78
Pyrene
Concen: 38.335 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	24.0	19.2	28.8		
203	19.6	15.9	23.9		





#79
 Terphenyl-d14
 Concen: 85.071 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

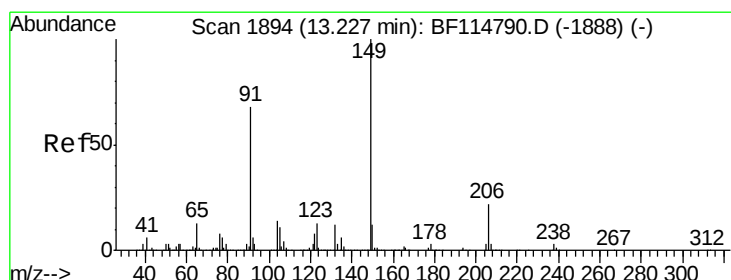
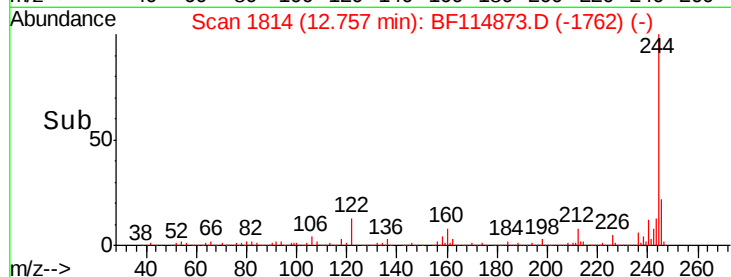
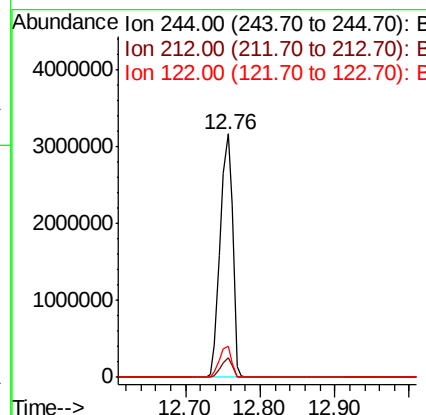
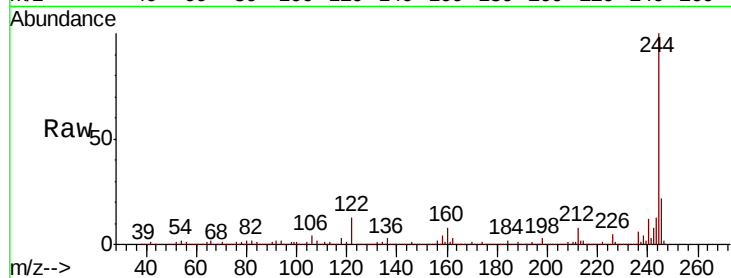
Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Tot Ion:244 Resp: 3645099

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	12.9	10.5	15.7

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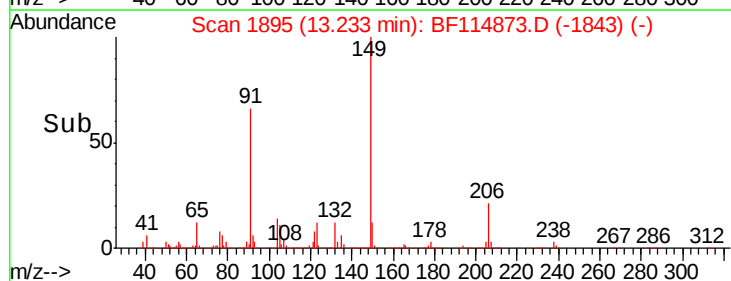
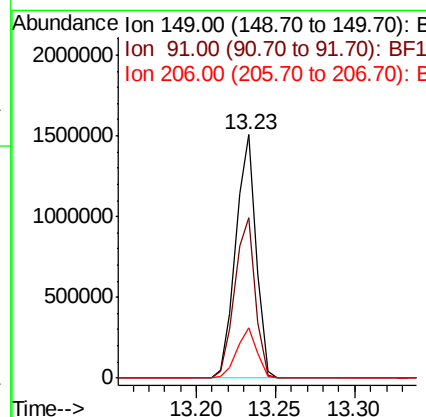
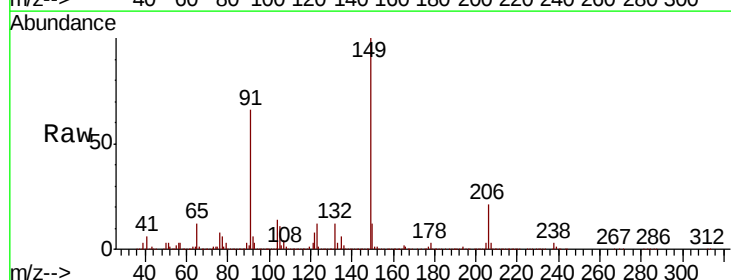
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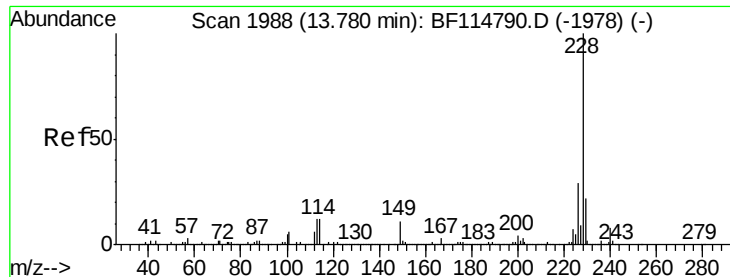


#80
 Butylbenzylphthalate
 Concen: 36.618 ng
 RT: 13.23 min Scan# 1895
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Tgt Ion:149 Resp: 1336724

Ion	Ratio	Lower	Upper
149	100		
91	66.0	54.6	82.0
206	20.7	17.2	25.8





#81

Benzo(a)anthracene

Concen: 33.694 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

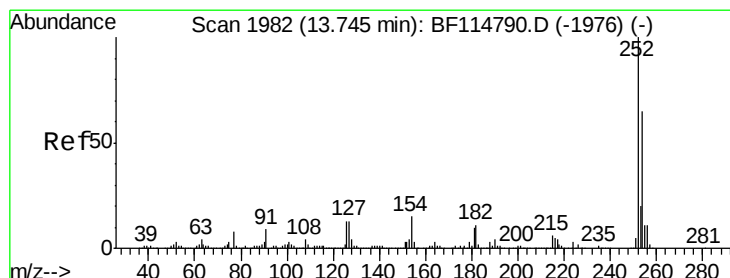
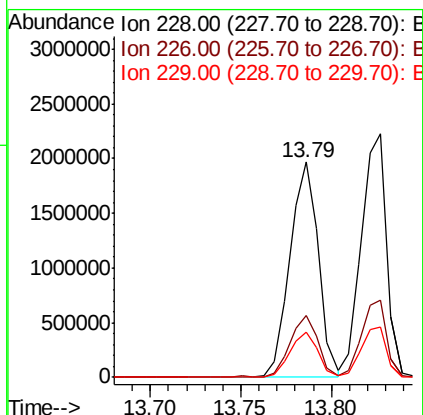
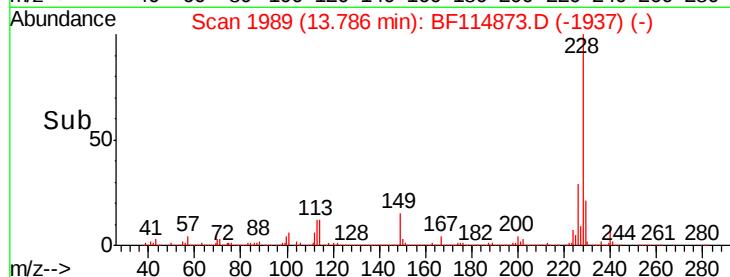
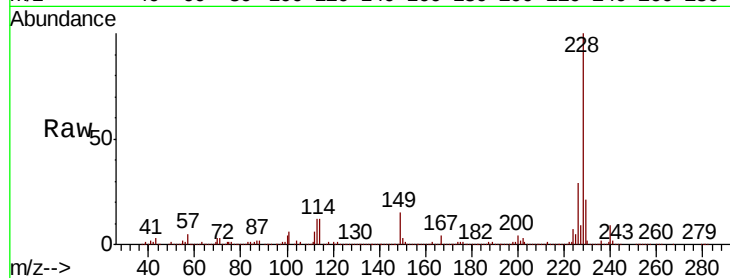
ClientSampleId :

RBR-200050MS

Tot Ion:	228	Resp:	2163574
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	20.8	17.4	26.0

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#82

3,3'-Dichlorobenzidine

Concen: 21.079 ng

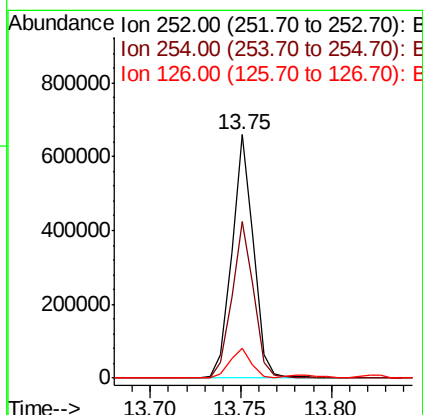
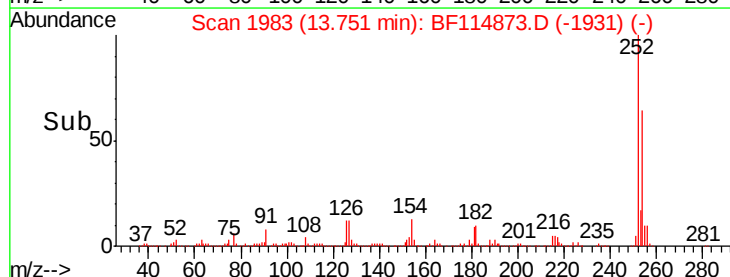
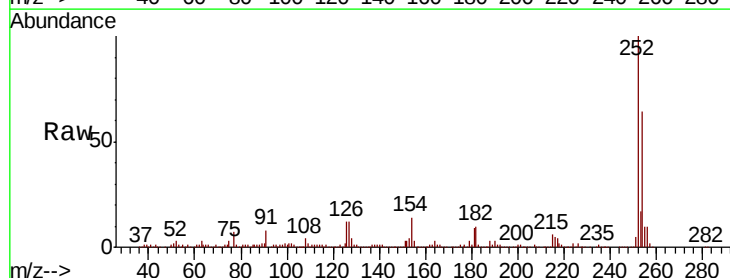
RT: 13.75 min Scan# 1983

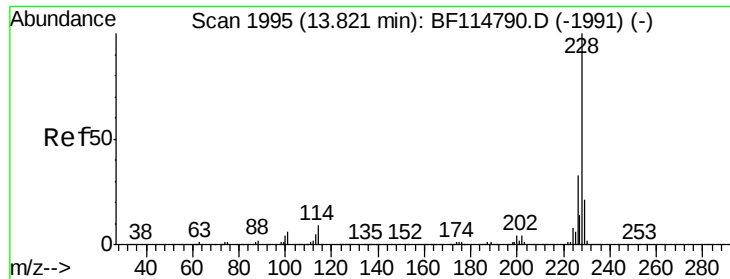
Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Tgt Ion:	252	Resp:	548846
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.9	77.9
126	12.2	10.5	15.7





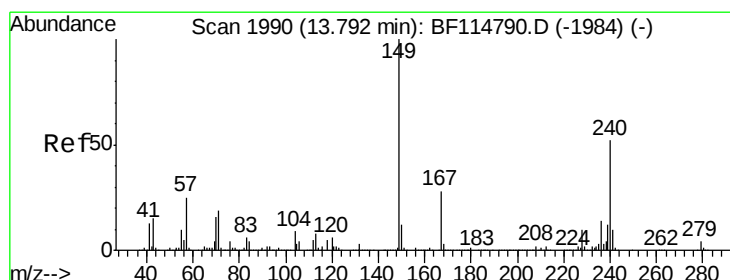
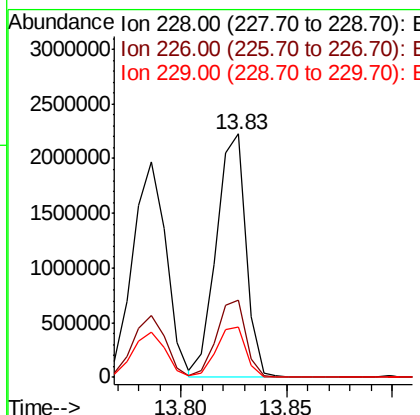
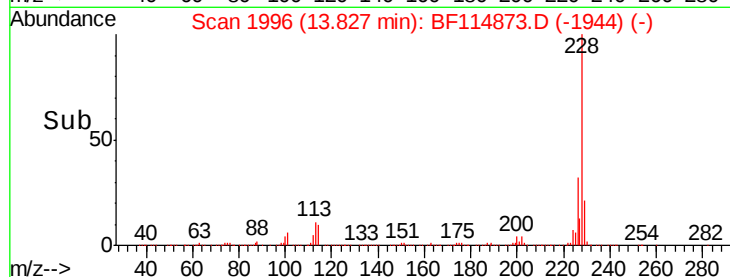
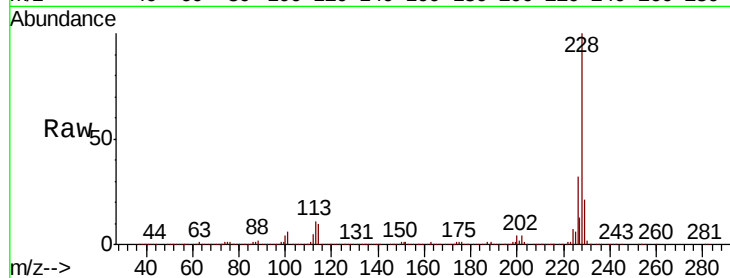
#83
 Chrvsene
 Concen: 34.597 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	26.0	39.0
229	20.9	17.1	25.7

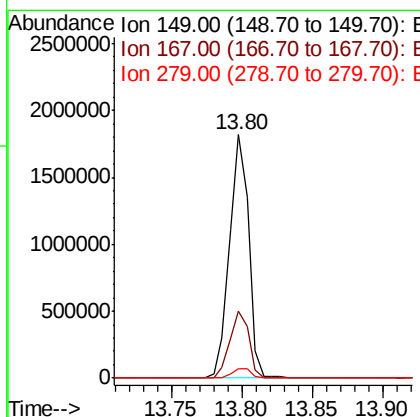
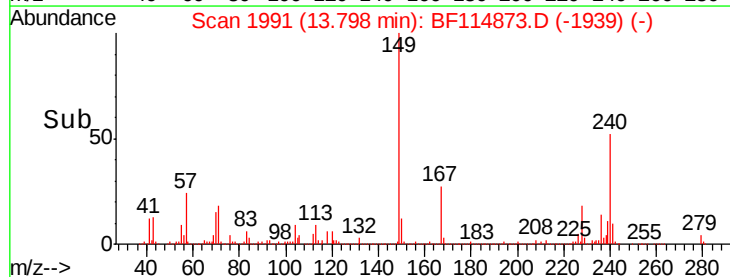
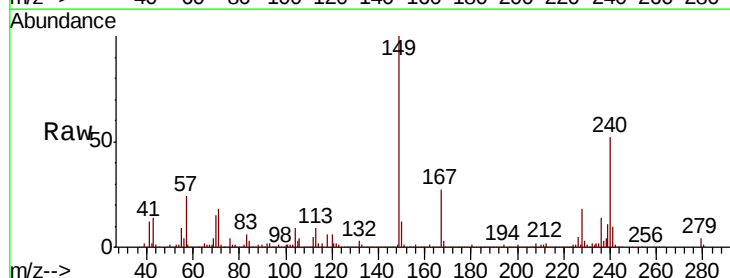
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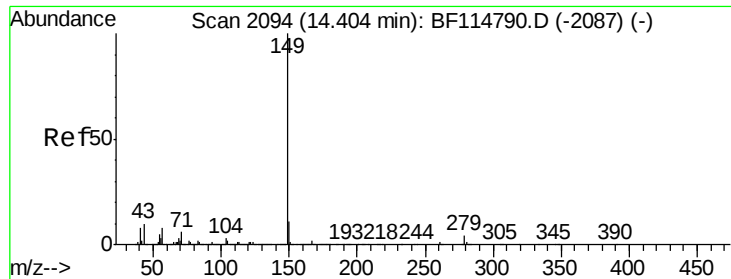
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.160 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: BF114873.D
 Acq: 6 Jun 2019 20:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.7	34.1
279	3.9	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 37.460 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:149 Resp: 2938094

Ion Ratio Lower Upper

149 100

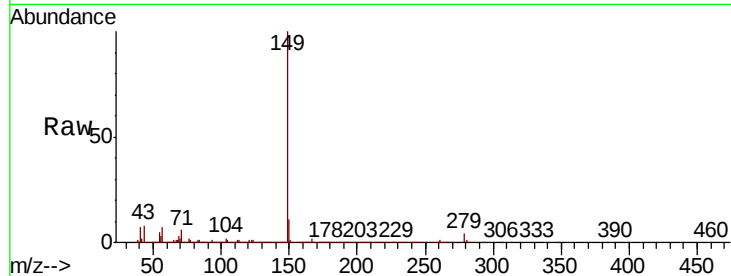
167 1.7 1.4 2.0

43 8.5 7.0 10.6

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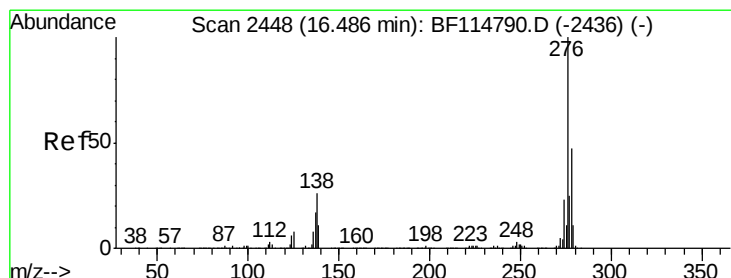
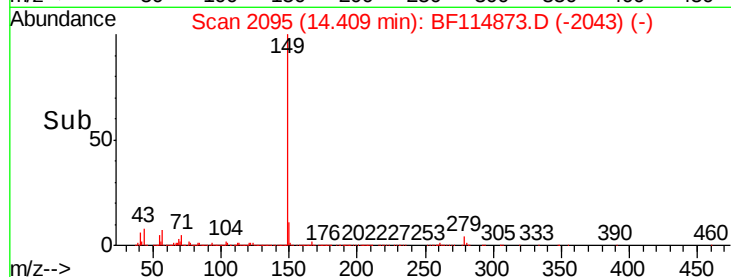
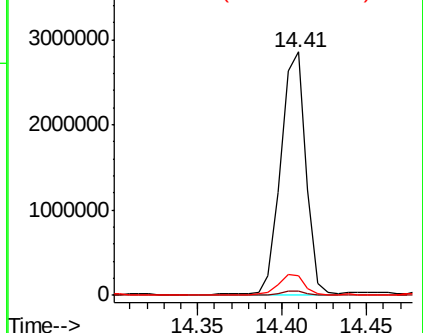
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 29.590 ng

RT: 16.50 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

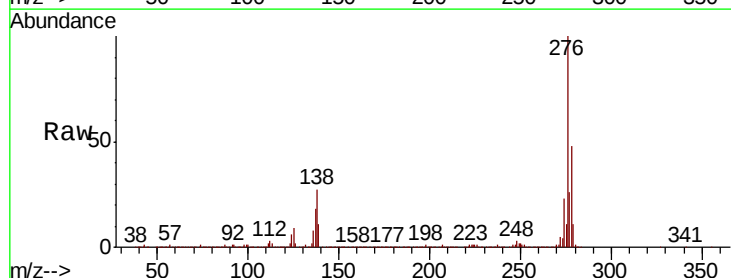
Tgt Ion:276 Resp: 2108990

Ion Ratio Lower Upper

276 100

138 29.0 22.2 33.4

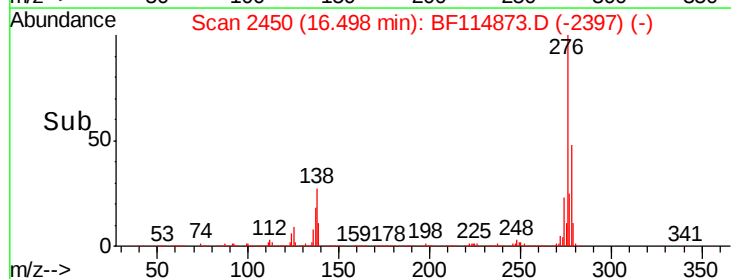
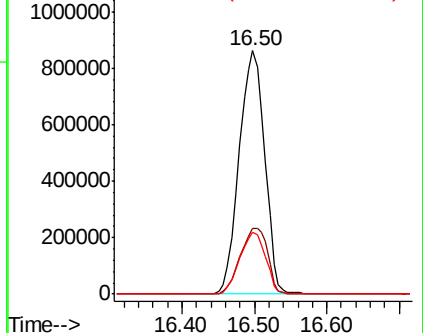
277 25.8 20.6 30.8

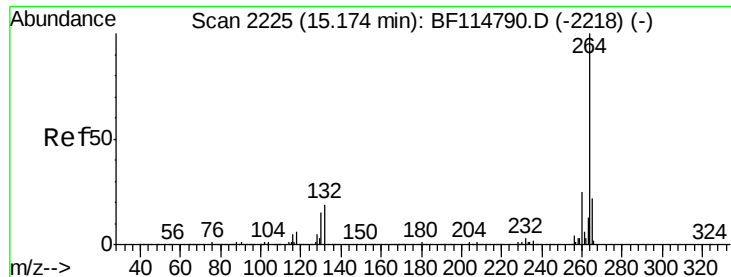


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





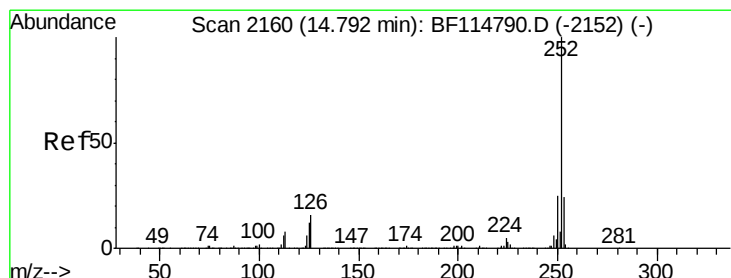
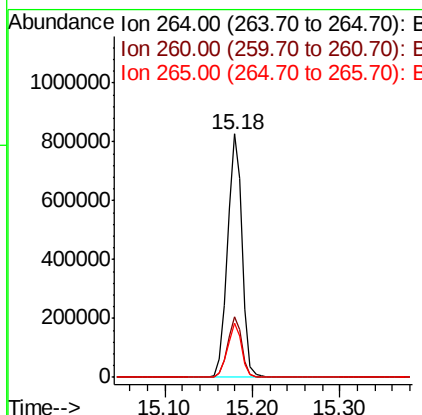
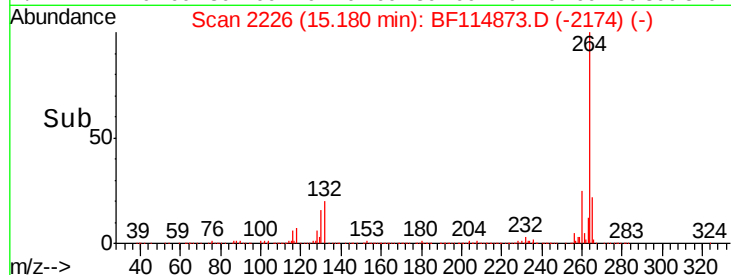
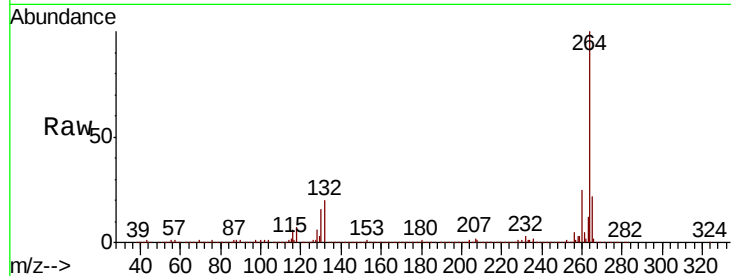
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion:	264	Resp:	950560
Ion Ratio	Lower	Upper	
264	100		
260	24.9	20.1	30.1
265	22.4	17.7	26.5

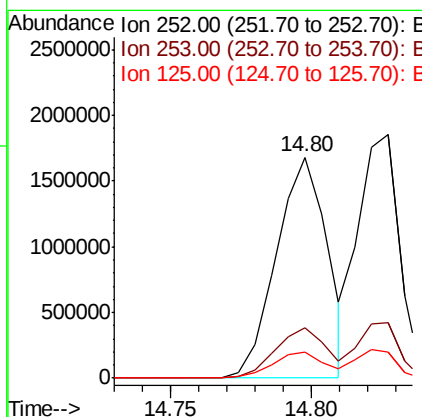
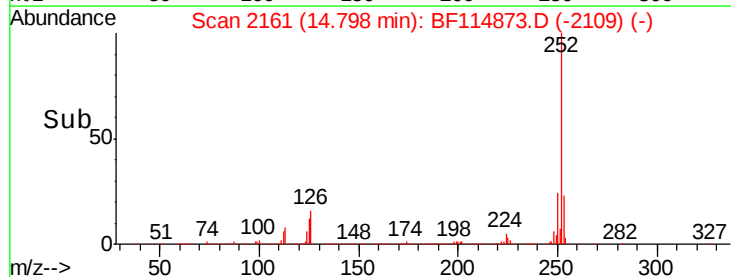
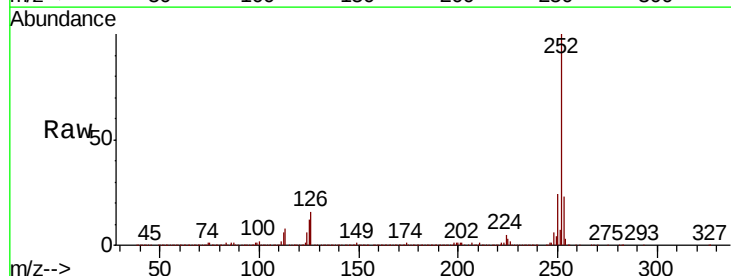
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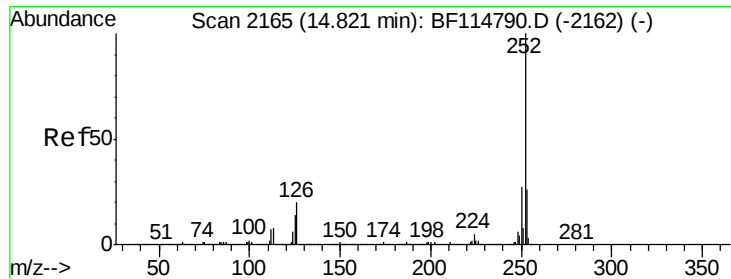
mohammad
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#88
Benzo(b)fluoranthene
Concen: 34.792 ng
RT: 14.80 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Tgt Ion:	252	Resp:	2105407
Ion Ratio	Lower	Upper	
252	100		
253	22.8	19.0	28.6
125	12.0	9.4	14.0





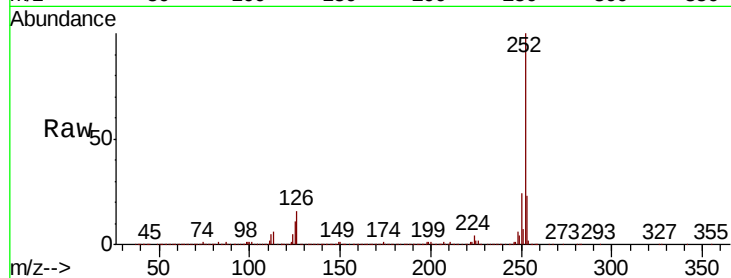
#89
Benzo(k)fluoranthene
Concen: 36.481 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

Instrument :
BNA_F
ClientSampleId :
RBR-200050MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.3	28.9
125	10.7	10.1	15.1

Manual Integrations
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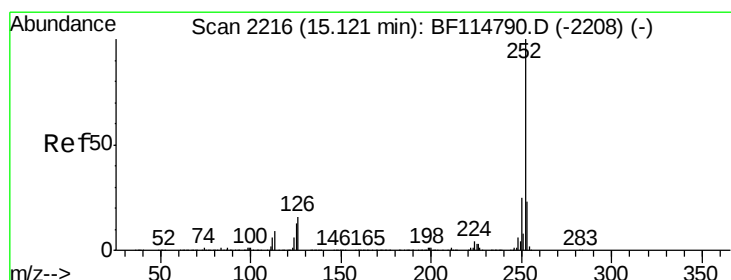
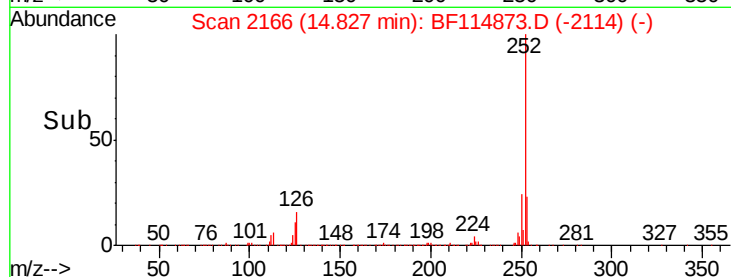
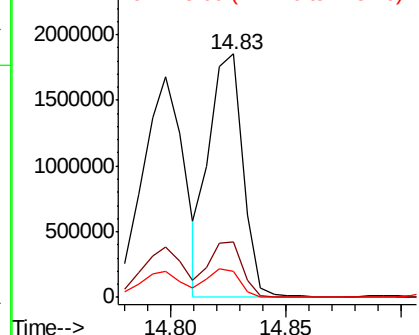


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 36.486 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF114873.D
Acq: 6 Jun 2019 20:17

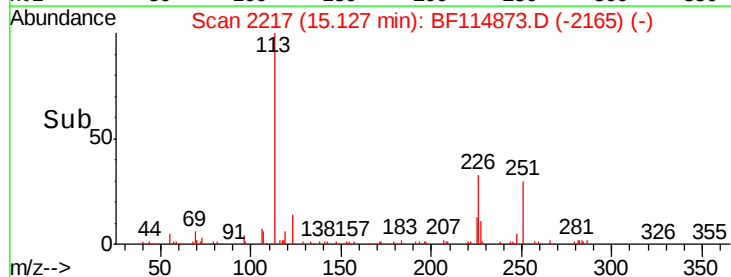
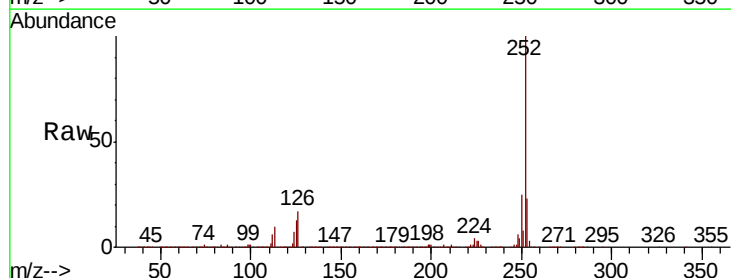
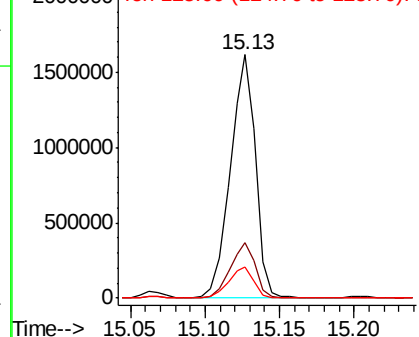
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	12.9	10.1	15.1

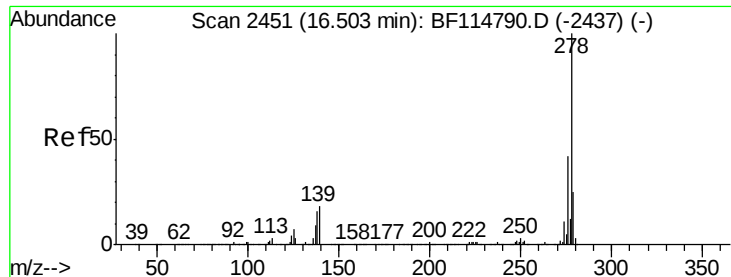
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 35.047 ng

RT: 16.52 min Scan# 2453

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

Instrument :

BNA_F

ClientSampleId :

RBR-200050MS

Tot Ion:278 Resp: 1738428

Ion Ratio Lower Upper

278 100

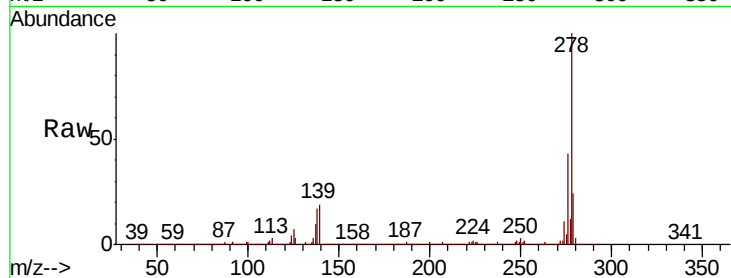
139 18.7 14.6 22.0

279 24.4 20.1 30.1

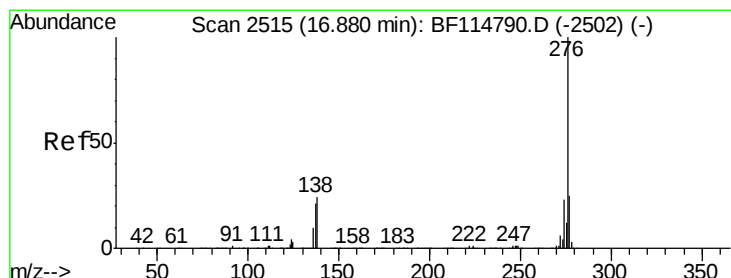
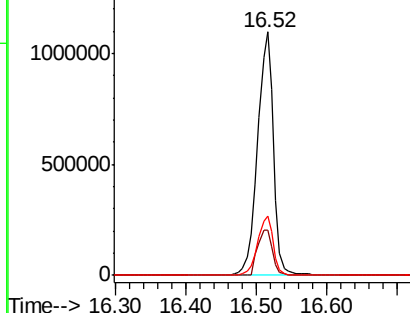
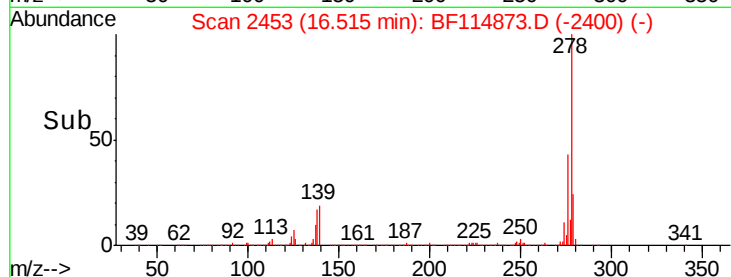
Manual Integrations
APPROVED

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.444 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.01 min

Lab File: BF114873.D

Acq: 6 Jun 2019 20:17

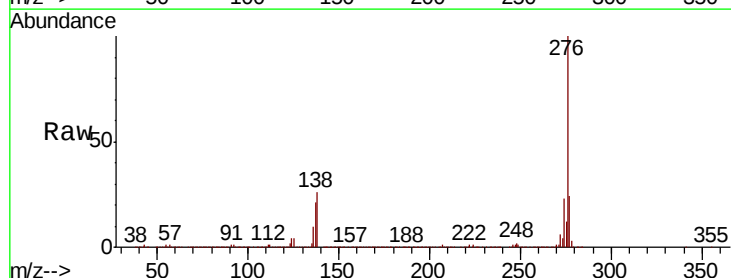
Tgt Ion:276 Resp: 1767948

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.6

138 25.5 19.4 29.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

