

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114874.D
 Acq On : 6 Jun 2019 20:43
 Operator : HP/JU
 Sample : K3211-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MSD

Manual Integrations
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mohammad
 6/7/2019 2:11:42 PM

Quant Time: Jun 07 03:29:41 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	509190	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1952502	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	933272	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1642874	20.00	ng	0.00
76) Chrysene-d12	13.80	240	741735	20.00	ng	0.00
87) Perylene-d12	15.18	264	926380	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	3653812	125.39	ng	0.03
7) Phenol-d6	6.33	99	4621135	130.33	ng	0.02
23) Nitrobenzene-d5	7.24	82	2998396	94.53	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1199520	119.27	ng	0.01
45) 2-Fluorobiphenyl	9.03	172	4746271	95.27	ng	0.00
79) Terphenyl-d14	12.76	244	4246107	111.33	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	482006	34.644	ng	99
3) Pyridine	3.18	79	58187	1.522	ng	94
4) n-Nitrosodimethylamine	3.01	42	611641	43.707	ng	97
6) Aniline	6.35	93	603994	12.005	ng	# 34
8) 2-Chlorophenol	6.46	128	1475647	43.828	ng	98
9) Benzaldehyde	6.21	77	527022	21.427	ng	98
10) Phenol	6.34	94	1668877	41.157	ng	83
11) bis(2-Chloroethyl)ether	6.42	93	1389757	43.916	ng	97
12) 1,3-Dichlorobenzene	6.62	146	1606262	40.941	ng	99
13) 1,4-Dichlorobenzene	6.69	146	1599106	40.507	ng	99
14) 1,2-Dichlorobenzene	6.85	146	1460898	40.975	ng	99
15) Benzyl Alcohol	6.82	79	1155536	43.094	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1961075	43.329	ng	99
17) 2-Methylphenol	6.94	107	1301598	45.226	ng	98
18) Hexachloroethane	7.19	117	606901	40.844	ng	96
19) n-Nitroso-di-n-propylamine	7.10	70	1030614	43.908	ng	99
20) 3+4-Methylphenols	7.09	107	1361313	42.885	ng	93
22) Acetophenone	7.09	105	2014204	46.856	ng	# 97
24) Nitrobenzene	7.26	77	1550164	47.177	ng	100
25) Isophorone	7.50	82	3004610	47.917	ng	100
26) 2-Nitrophenol	7.57	139	899758	50.558	ng	99
27) 2,4-Dimethylphenol	7.62	122	1420561	52.517	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	1870251	46.659	ng	100
29) 2,4-Dichlorophenol	7.82	162	1352711	47.533	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	1478672	45.284	ng	99
31) Naphthalene	7.97	128	3960551	45.056	ng	98
32) Benzoic acid	7.72	122	272895	13.852	ng	98
33) 4-Chloroaniline	8.02	127	596986	14.236	ng	98
34) Hexachlorobutadiene	8.10	225	799399	43.061	ng	99
35) Caprolactam	8.41	113	268504m	28.883	ng	
36) 4-Chloro-3-methylphenol	8.52	107	1338544	47.268	ng	100
37) 2-Methylnaphthalene	8.67	142	2766109	45.368	ng	99
38) 1-Methylnaphthalene	8.76	142	2652494	45.875	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	1174365	43.664	ng	99

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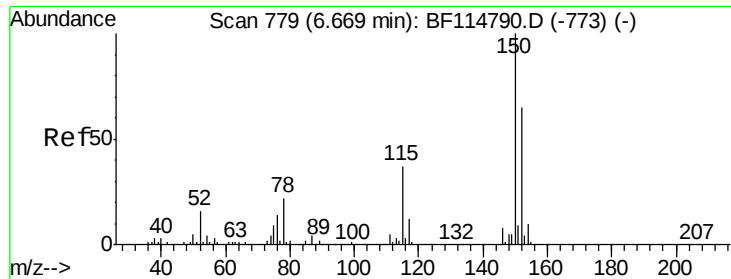
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 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	1336597	81.940	nq	100
43) 2,4,6-Trichlorophenol	8.95	196	980244	46.871	nq	99
44) 2,4,5-Trichlorophenol	8.99	196	1015725	48.225	nq	96
46) 1,1'-Biphenyl	9.13	154	3138526	45.374	nq	99
47) 2-Chloronaphthalene	9.16	162	2608885	44.388	nq	99
48) 2-Nitroaniline	9.25	65	804957	45.893	nq	97
49) Acenaphthylene	9.57	152	3748599	43.980	nq	99
50) Dimethylphthalate	9.45	163	3674232	53.904	nq	98
51) 2,6-Dinitrotoluene	9.49	165	762628	47.574	nq	92
52) Acenaphthene	9.74	154	2384942	42.715	nq	99
53) 3-Nitroaniline	9.66	138	607009	32.414	nq	97
54) 2,4-Dinitrophenol	9.76	184	546771	75.376	nq	97
55) Dibenzofuran	9.91	168	3255703	41.934	nq	97
56) 4-Nitrophenol	9.83	139	1168881	85.183	nq	98
57) 2,4-Dinitrotoluene	9.90	165	922385	45.772	nq	90
58) Fluorene	10.25	166	2245556	45.161	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	783407	45.400	nq	100
60) Diethylphthalate	10.14	149	2968699	43.403	nq	98
61) 4-Chlorophenyl-phenylether	10.25	204	1133565	38.120	nq	100
62) 4-Nitroaniline	10.27	138	758570	41.764	nq	99
63) Azobenzene	10.40	77	2636215	45.279	nq	99
65) 4,6-Dinitro-2-methylphenol	10.30	198	388356	45.507	nq	94
66) n-Nitrosodiphenylamine	10.37	169	2364581	47.599	nq	99
67) 4-Bromophenyl-phenylether	10.73	248	839873	45.012	nq	99
68) Hexachlorobenzene	10.80	284	882847	43.233	nq	95
69) Atrazine	10.89	200	774807	44.846	nq	98
70) Pentachlorophenol	10.99	266	961972	81.488	nq	98
71) Phenanthrene	11.20	178	3517309	44.847	nq	98
72) Anthracene	11.26	178	3530621	42.775	nq	99
73) Carbazole	11.40	167	3221215	45.526	nq	100
74) Di-n-butylphthalate	11.75	149	3967092	42.628	nq	99
75) Fluoranthene	12.38	202	3568490	43.716	nq	98
78) Pyrene	12.61	202	3563200	55.375	nq	99
80) Butylbenzylphthalate	13.23	149	1733813	53.359	nq	99
81) Benzo(a)anthracene	13.79	228	2656019	46.468	nq	99
82) 3,3'-Dichlorobenzidine	13.76	252	759053	32.750	nq	# 99
83) Chrysene	13.83	228	2740704	49.290	nq	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2111862	51.399	nq	99
85) Di-n-octyl phthalate	14.41	149	3551388	50.868	nq	100
86) Indeno(1,2,3-cd)pyrene	16.50	276	2816361	44.392	nq	99
88) Benzo(b)fluoranthene	14.80	252	2759403	46.790	nq	99
89) Benzo(k)fluoranthene	14.83	252	2365453	47.231	nq	99
90) Benzo(a)pyrene	15.13	252	2492943	48.838	nq	99
91) Dibenzo(a,h)anthracene	16.52	278	2297092	47.519	nq	99
92) Benzo(g,h,i)perylene	16.90	276	2348136	48.304	nq	99

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



#1

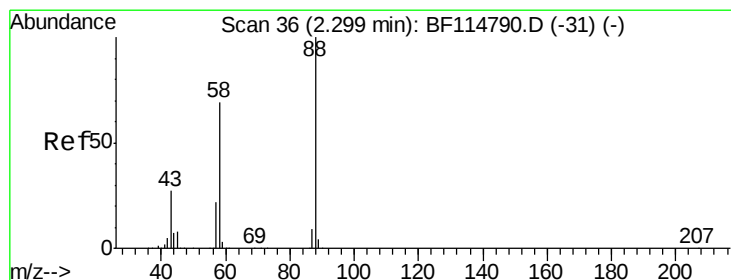
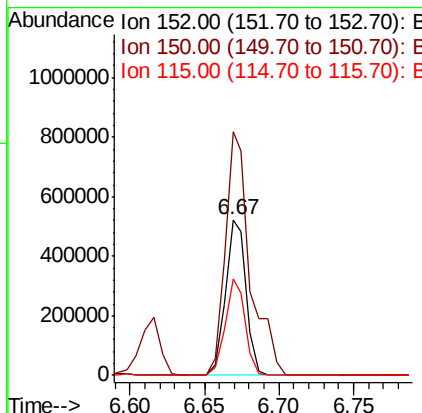
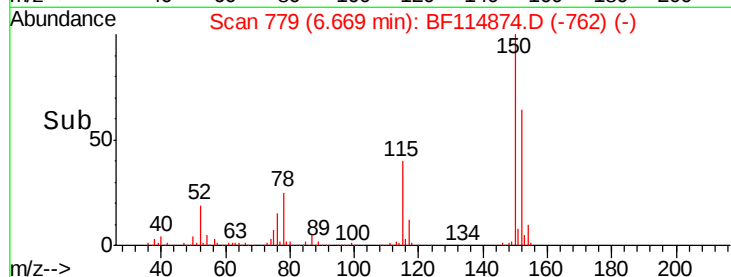
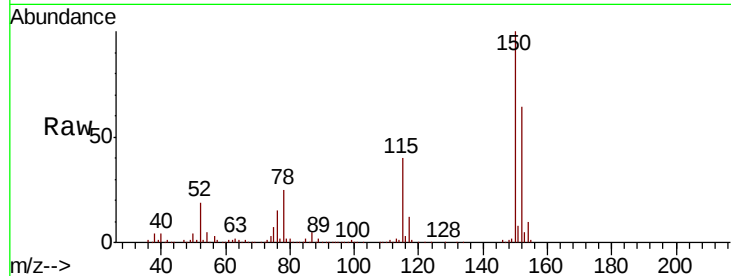
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.0	186.0
115	62.3	46.3	69.5

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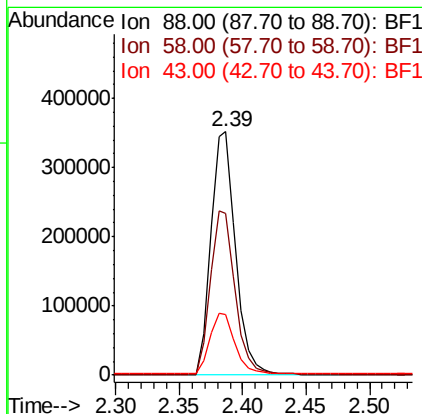
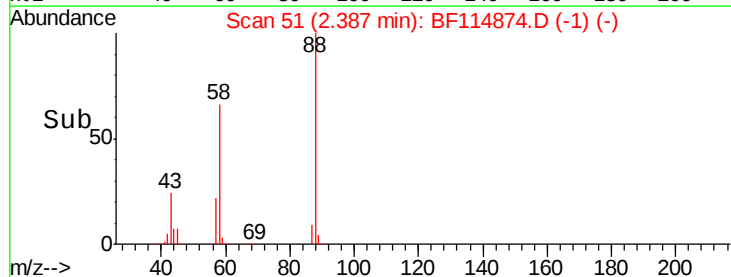
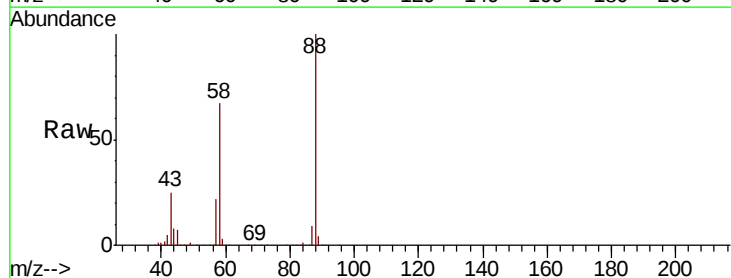
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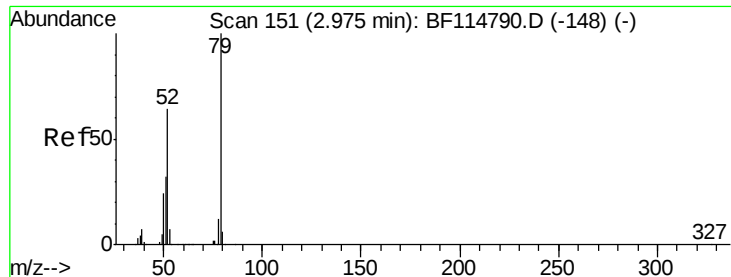


#2

1,4-Dioxane
Concen: 34.644 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.09 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.3	53.8	80.8
43	24.6	20.7	31.1





#3

Pvridine

Concen: 1.522 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.21 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA_F

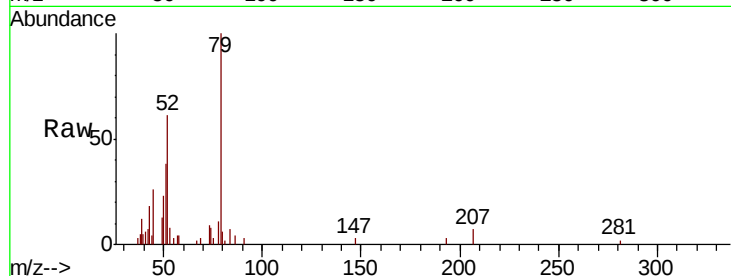
ClientSampleId :

RBR-200050MSD

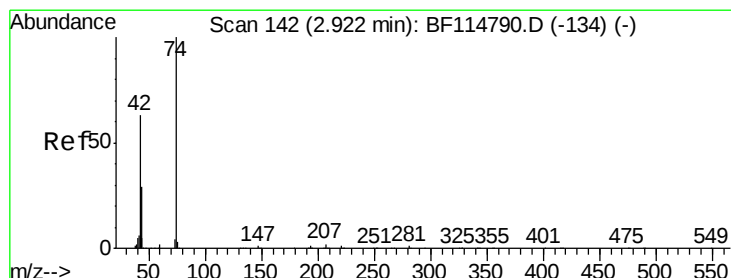
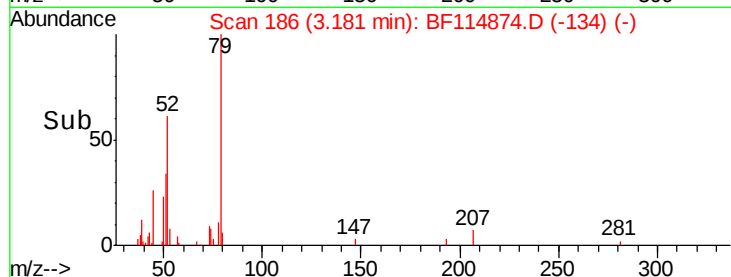
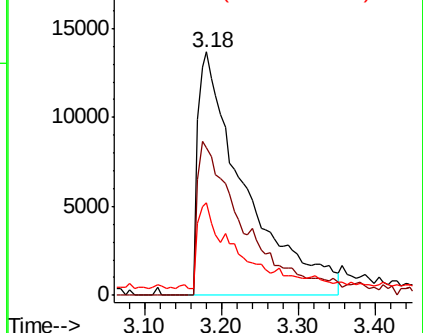
Tot Ion:	79	Resp:	58187
Ion Ratio	Lower	Upper	
79	100		
52	60.7	51.0	76.4
51	38.1	25.7	38.5

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.707 ng

RT: 3.01 min Scan# 157

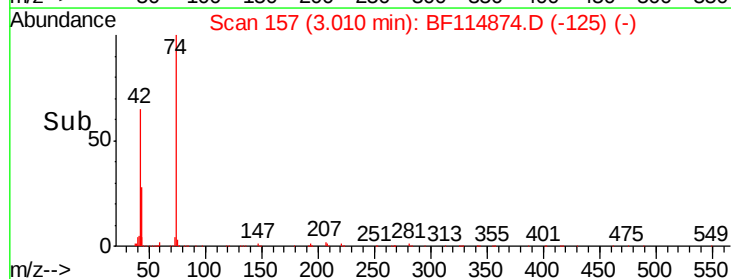
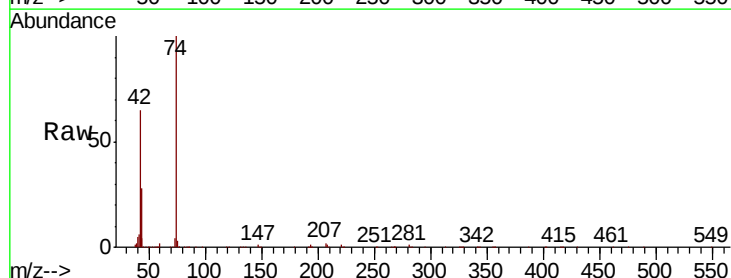
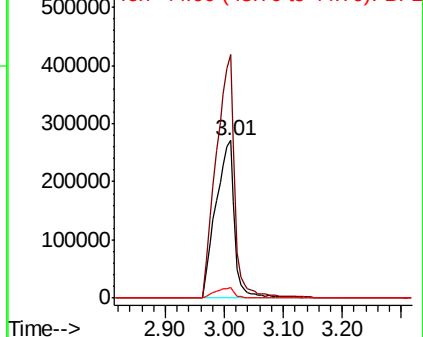
Delta R.T. 0.09 min

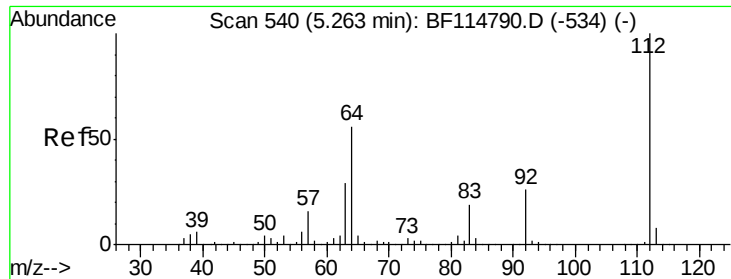
Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Tgt Ion:	42	Resp:	611641
Ion Ratio	Lower	Upper	
42	100		
74	154.4	126.2	189.2
44	6.5	5.9	8.9

Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 125.385 ng

RT: 5.29 min Scan# 545

Delta R.T. 0.03 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

Tot Ion:112 Resp: 3653812

Ion Ratio Lower Upper

112 100

64 56.5 44.6 66.8

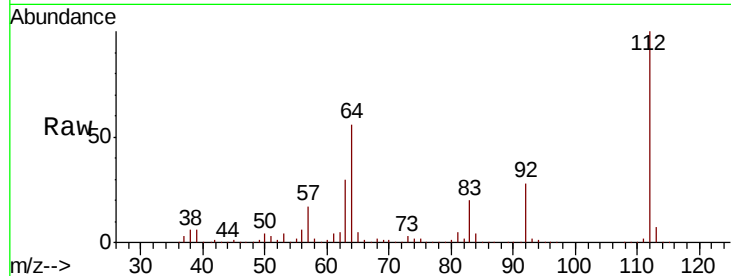
63 29.7 23.0 34.4

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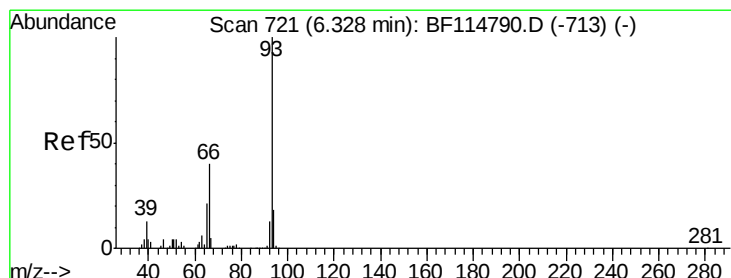
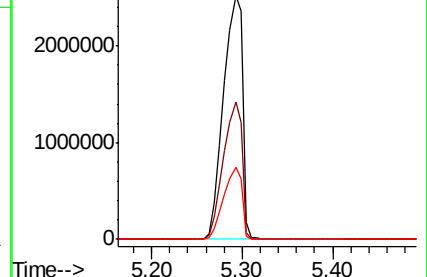
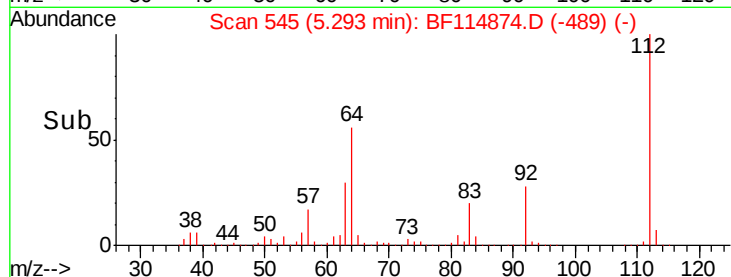
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Abundance Ion 112.00 (111.70 to 112.70): BF114874.D (-489) (-)

Ion 64.00 (63.70 to 64.70): BF114874.D (-489) (-)

Ion 63.00 (62.70 to 63.70): BF114874.D (-489) (-)



#6

Aniline

Concen: 12.005 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.02 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

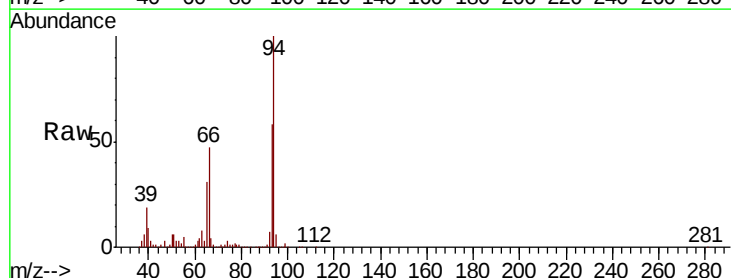
Tgt Ion: 93 Resp: 603994

Ion Ratio Lower Upper

93 100

66 81.4 32.8 49.2#

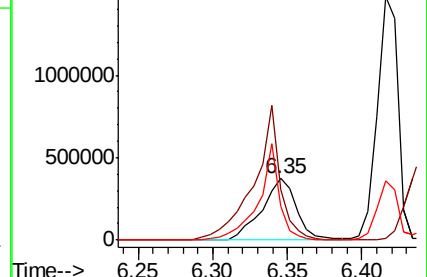
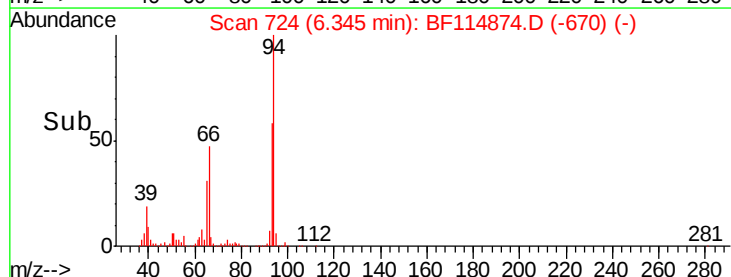
65 53.6 16.9 25.3#

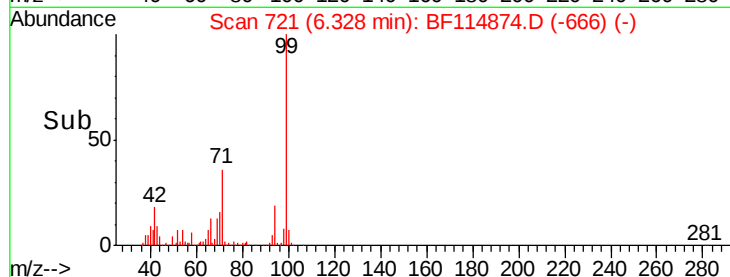
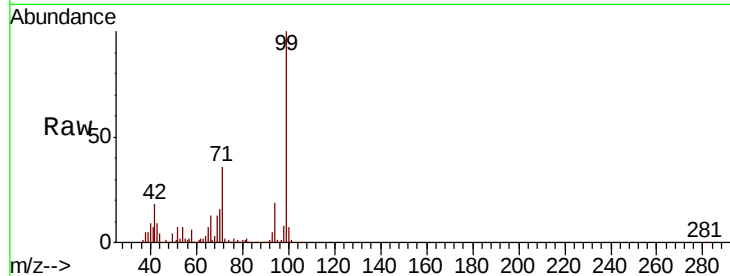
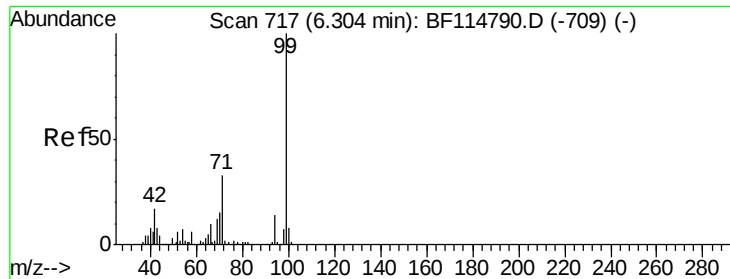


Abundance Ion 93.00 (92.70 to 93.70): BF114874.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BF114874.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BF114874.D (-670) (-)





#7

Phenol-d6

Concen: 130.325 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.02 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Tot Ion: 99 Resp: 4621135

Ion Ratio Lower Upper

99 100

42 17.8 13.3 19.9

71 36.0 26.3 39.5

Instrument :

BNA_F

ClientSampleId :

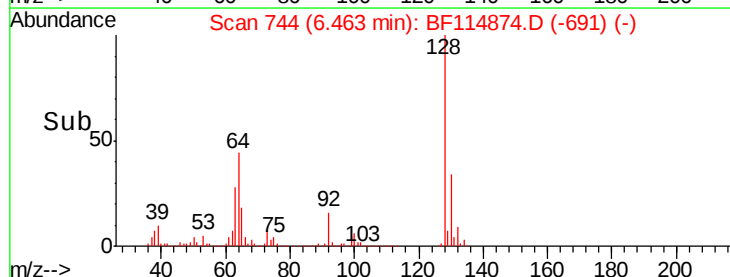
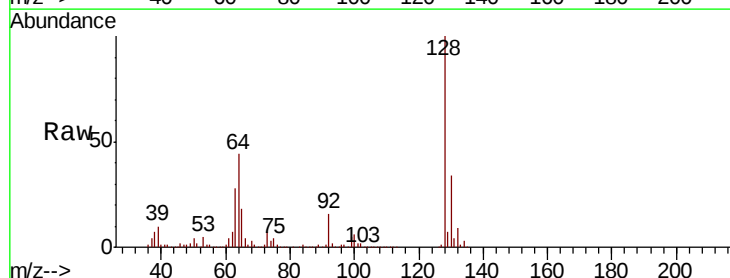
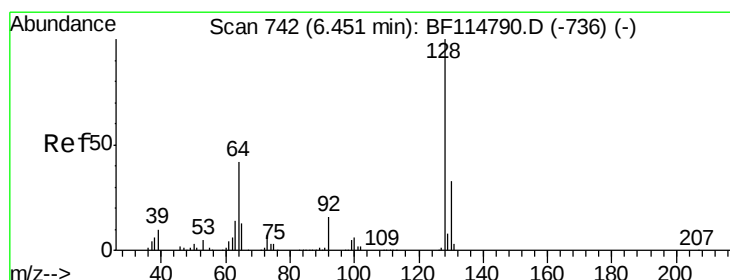
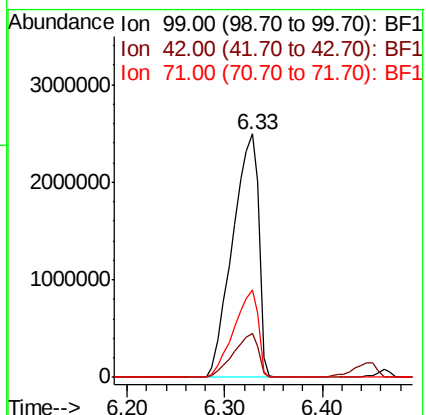
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#8

2-Chlorophenol

Concen: 43.828 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

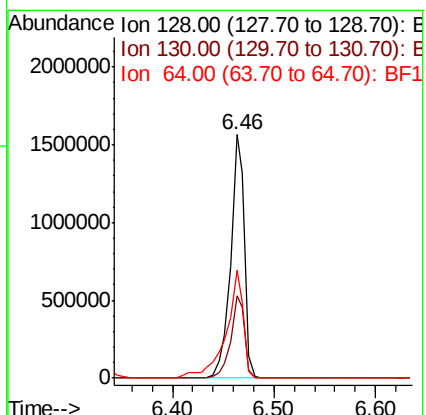
Tgt Ion:128 Resp: 1475647

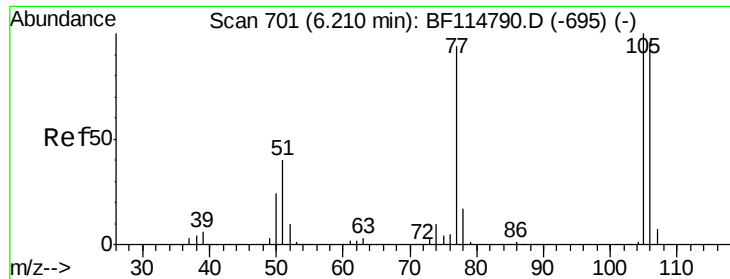
Ion Ratio Lower Upper

128 100

130 33.8 12.7 52.7

64 44.2 22.5 62.5





#9

Benzaldehyde

Concen: 21.427 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA_F

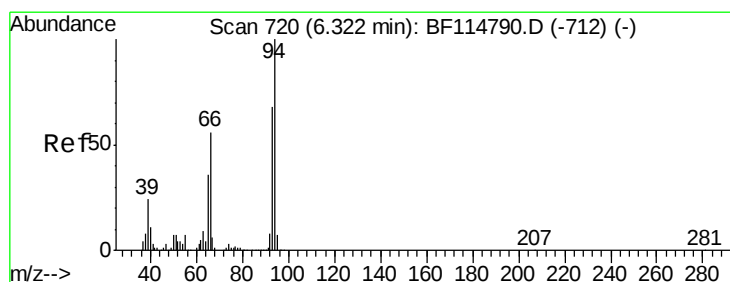
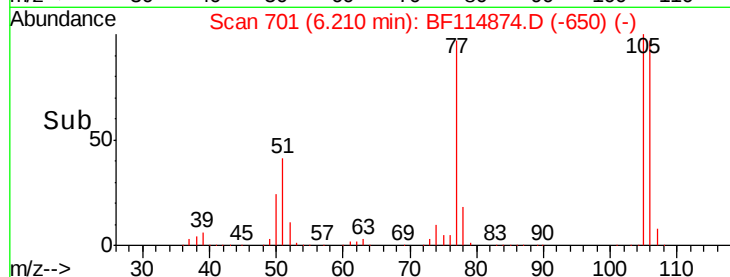
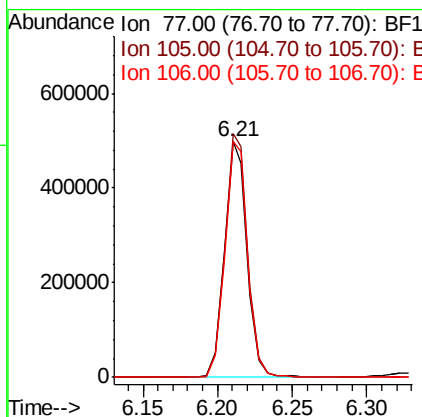
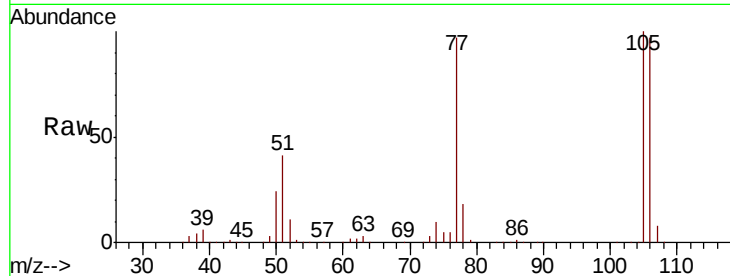
ClientSampleId :

RBR-200050MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	103.5	85.8	125.8	
106	100.4	81.6	121.6	

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#10

Phenol

Concen: 41.157 ng

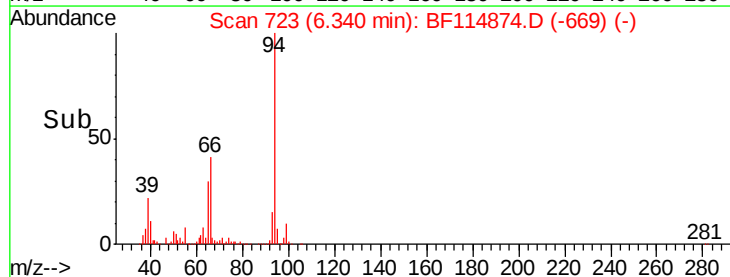
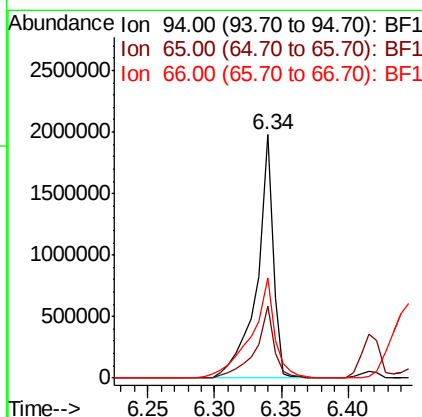
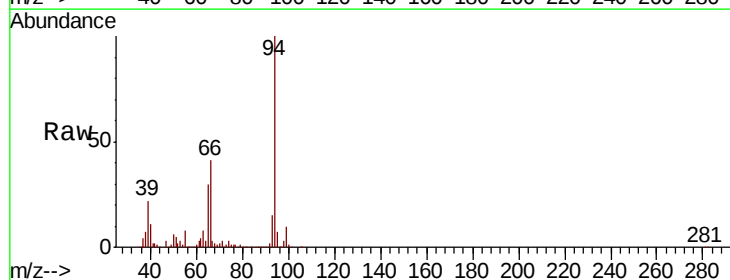
RT: 6.34 min Scan# 723

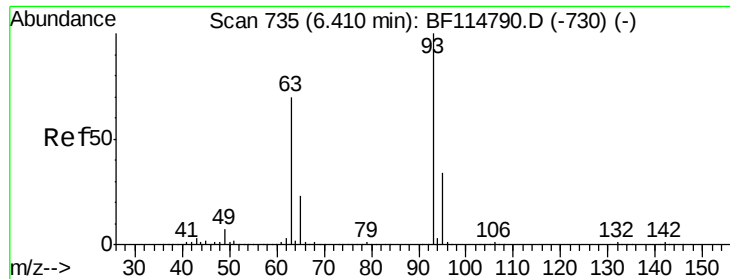
Delta R.T. 0.02 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	29.7	16.1	56.1	
66	41.2	36.3	76.3	





#11

bis(2-Chloroethyl)ether

Concen: 43.916 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

Tot Ion: 93 Resp: 1389757

Ion Ratio Lower Upper

93 100

63 72.9 49.6 89.6

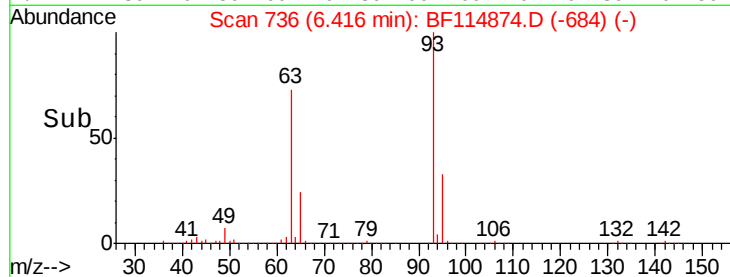
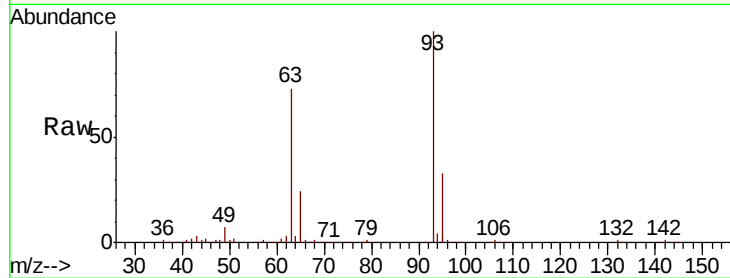
95 33.3 13.6 53.6

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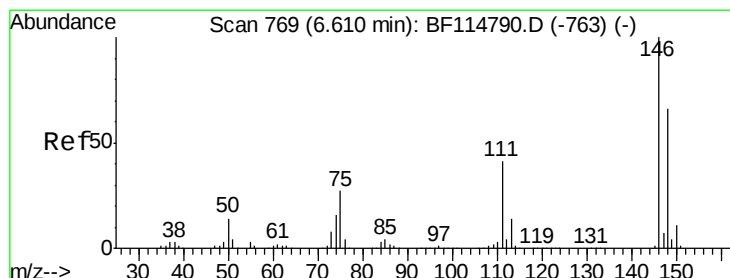
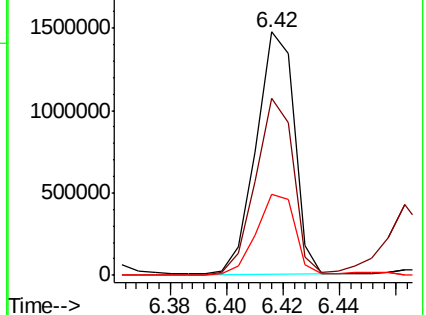
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Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.941 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

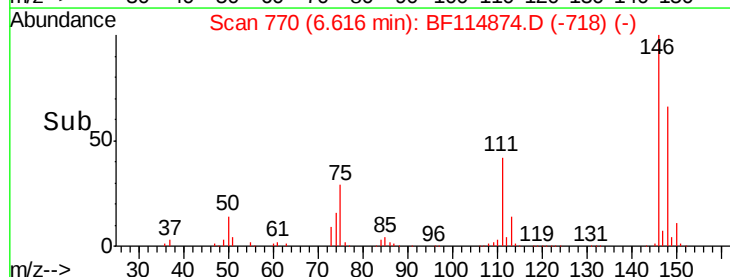
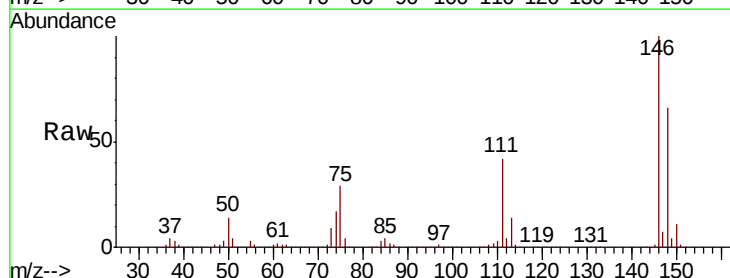
Tgt Ion: 146 Resp: 1606262

Ion Ratio Lower Upper

146 100

148 65.8 52.7 79.1

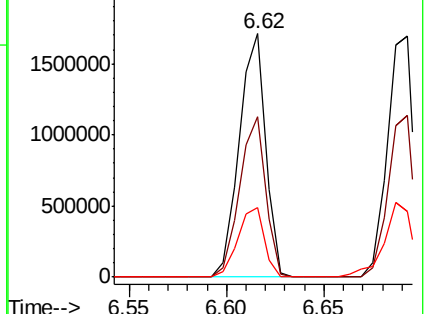
75 28.6 22.0 33.0

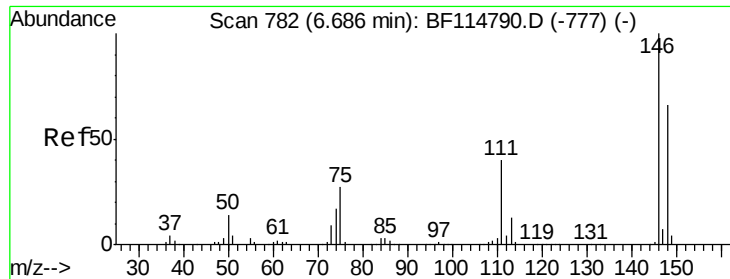


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





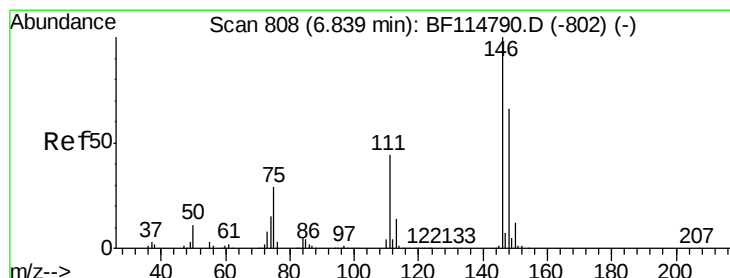
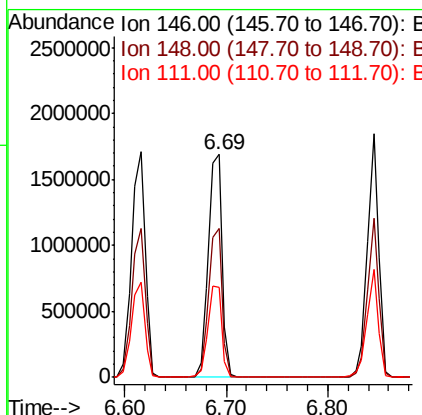
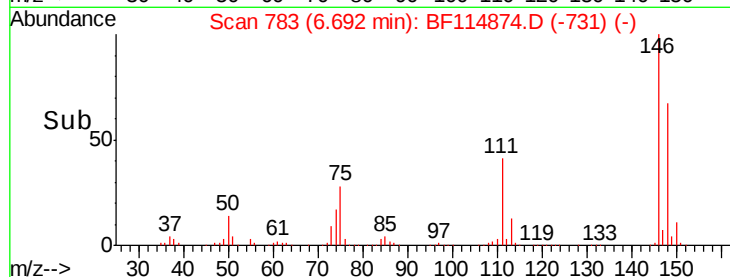
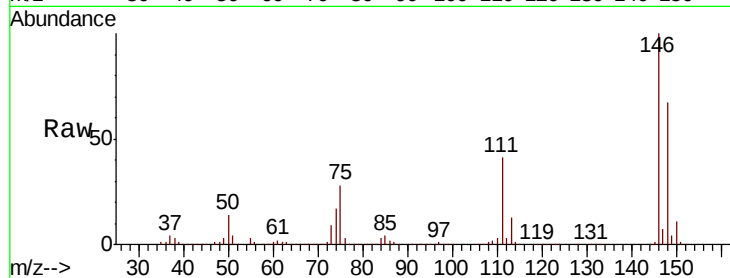
#13
 1,4-Dichlorobenzene
 Concen: 40.507 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF114874.D
 Acq: 6 Jun 2019 20:43

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MSD

Tot Ion:146 Resp: 1599106
 Ion Ratio Lower Upper
 146 100
 148 67.0 53.0 79.4
 111 40.6 32.2 48.4

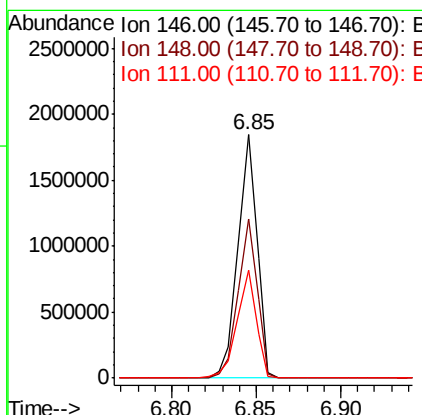
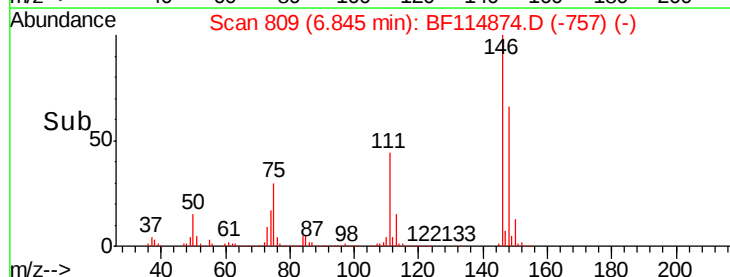
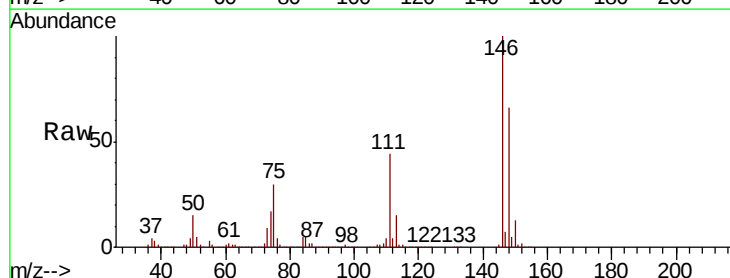
Manual Integrations
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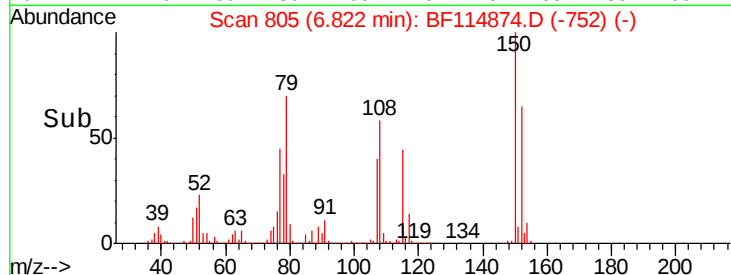
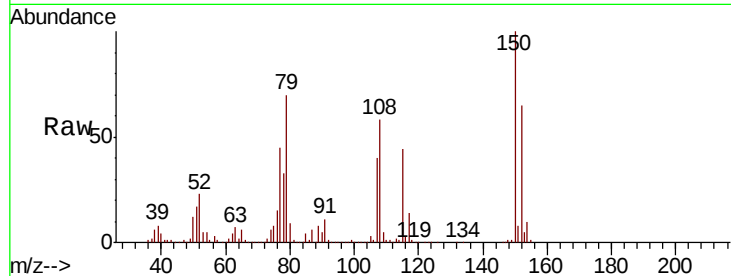
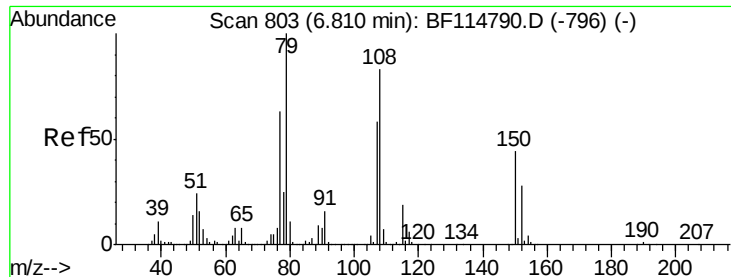
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#14
 1,2-Dichlorobenzene
 Concen: 40.975 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF114874.D
 Acq: 6 Jun 2019 20:43

Tgt Ion:146 Resp: 1460898
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.5 78.7
 111 44.4 34.8 52.2





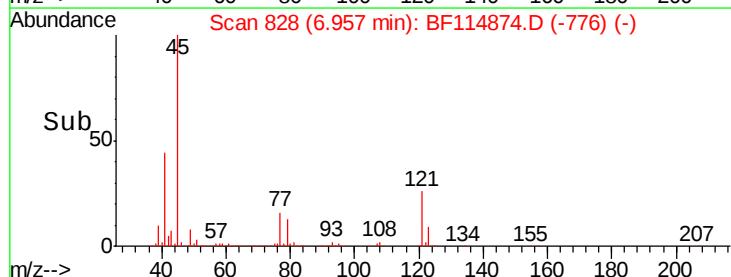
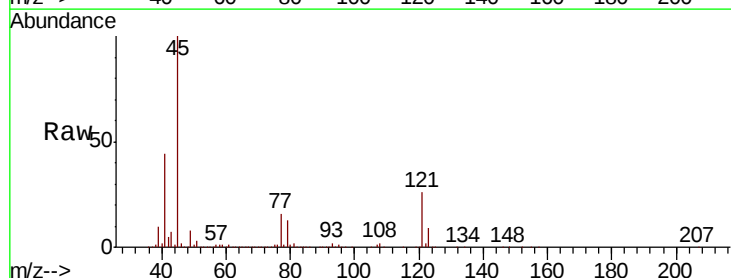
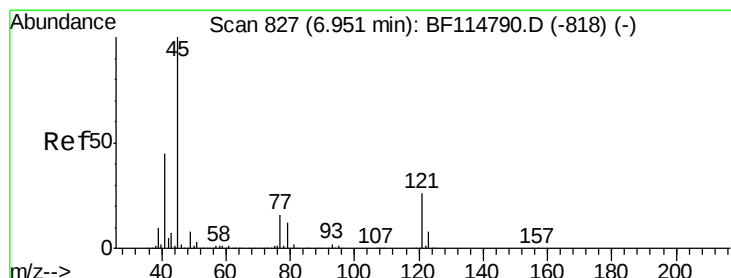
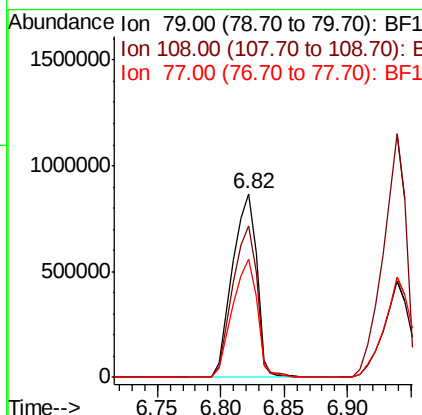
#15
Benzyl Alcohol
Concen: 43.094 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tot Ion: 79 Resp: 115536
Ion Ratio Lower Upper
79 100
108 82.8 66.8 100.2
77 64.6 50.6 76.0

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

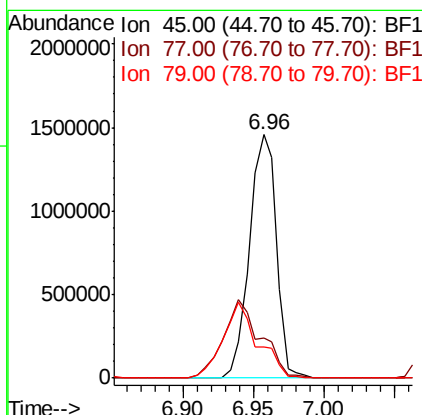
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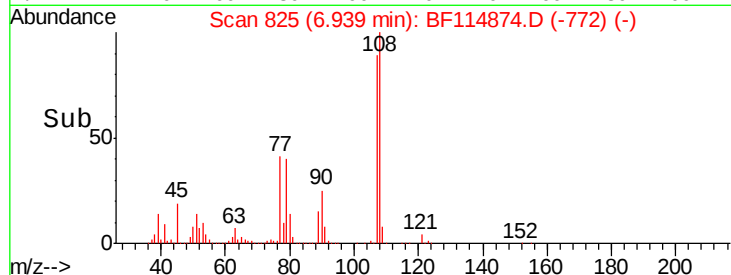
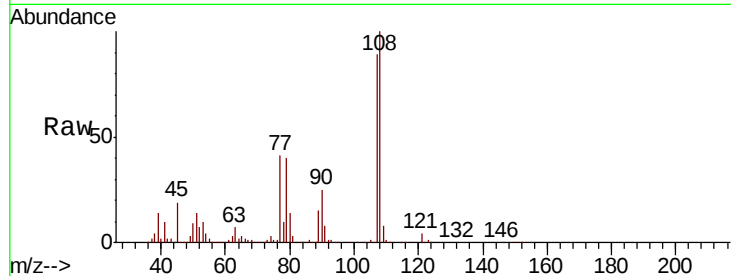
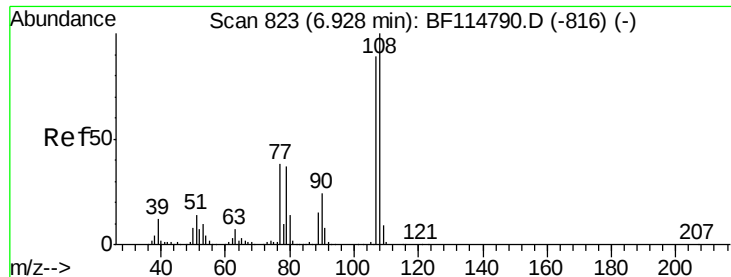
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.329 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

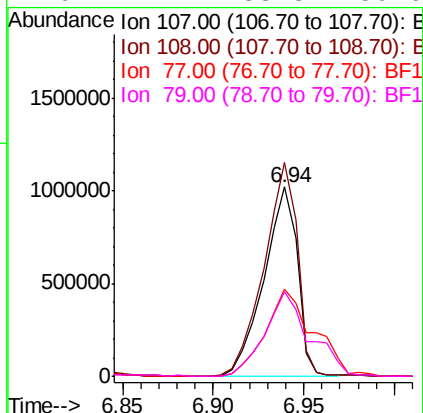
Tgt Ion: 45 Resp: 1961075
Ion Ratio Lower Upper
45 100
77 16.2 0.0 35.8
79 12.6 0.0 32.0





#17
2-Methylphenol
Concen: 45.226 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

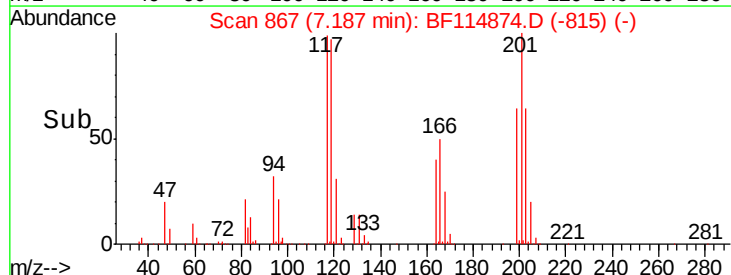
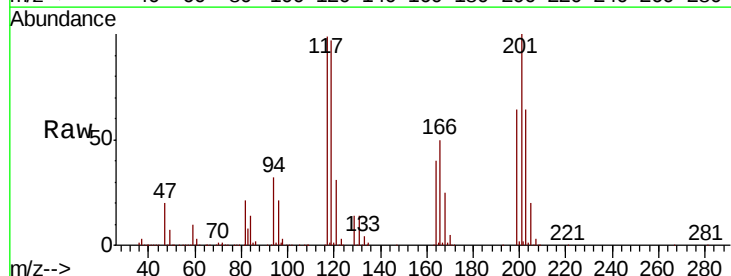
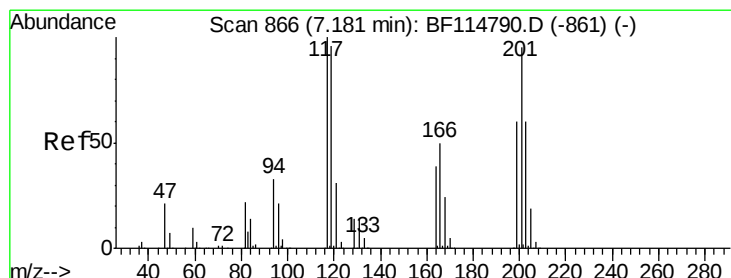
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.2	135.2
77	46.3	34.5	51.7
79	44.7	33.8	50.6



Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

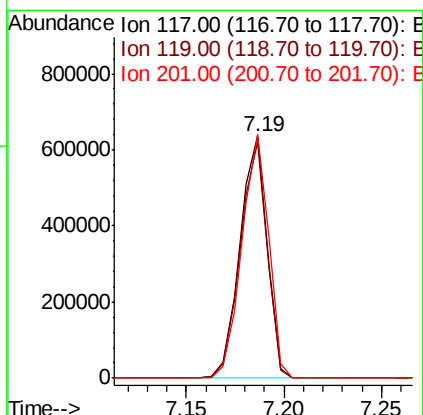
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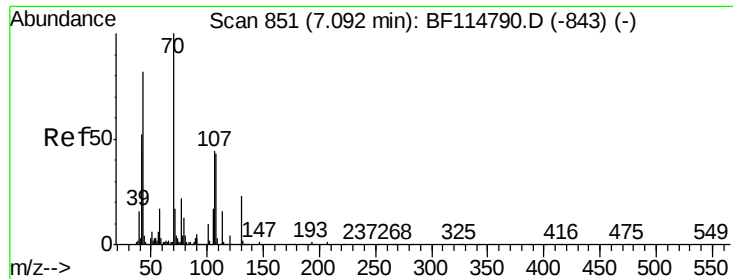
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#18
Hexachloroethane
Concen: 40.844 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.0	115.4
201	100.6	76.0	114.0





#19

n-Nitroso-di-n-propylamine

Concen: 43.908 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA_F

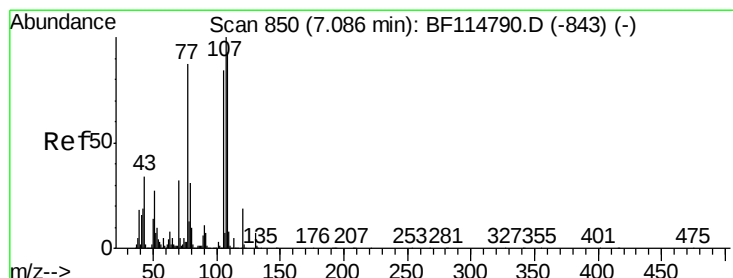
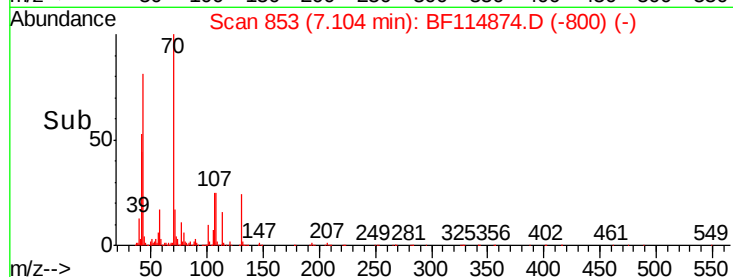
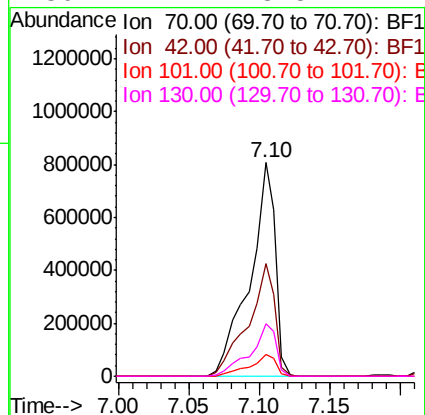
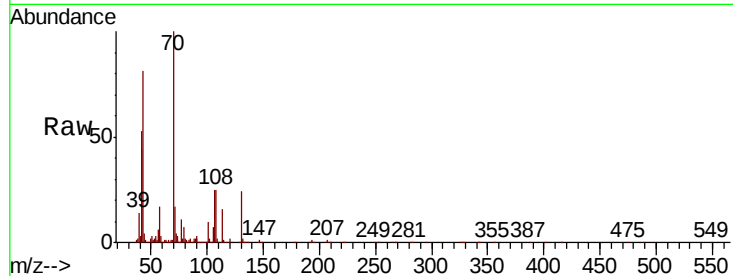
ClientSampleId :

RBR-200050MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.9	41.8	62.8	
101	10.2	8.2	12.4	
130	24.4	18.5	27.7	

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#20

3+4-Methylphenols

Concen: 42.885 ng

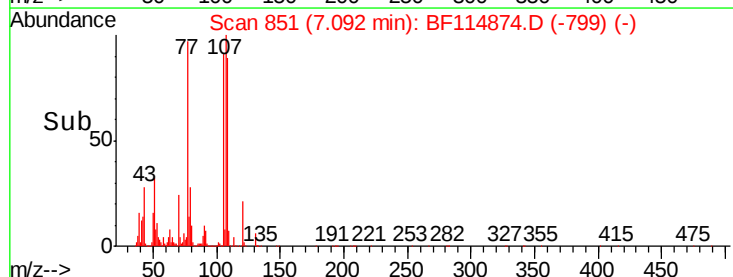
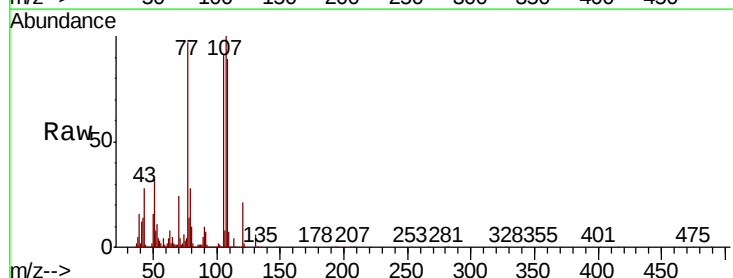
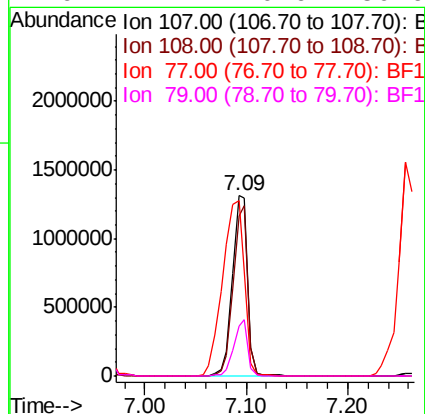
RT: 7.09 min Scan# 851

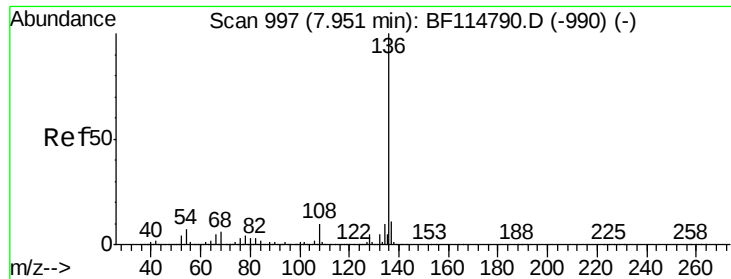
Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	73.5	113.5	
77	97.0	67.2	107.2	
79	27.7	10.6	50.6	





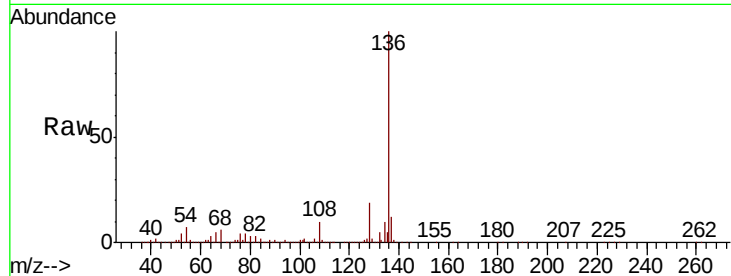
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	6.7	5.4	8.0
68	5.9	4.6	6.8

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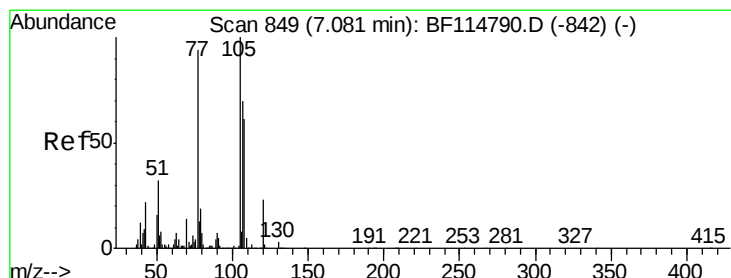
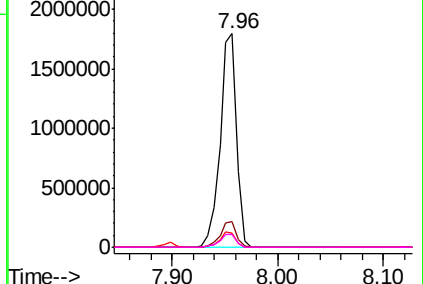
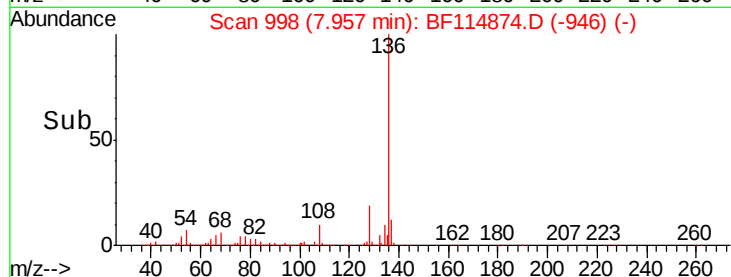
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

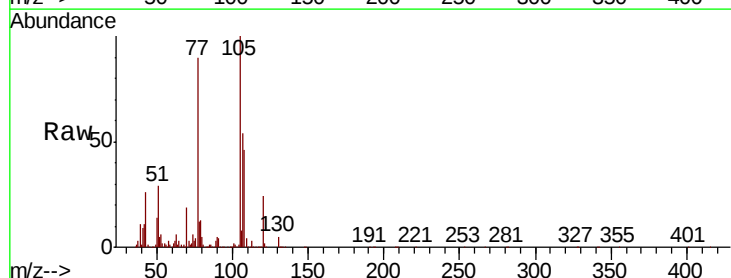
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 46.856 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.2	2.0	3.0#
51	28.8	25.4	38.0
120	23.6	18.7	28.1



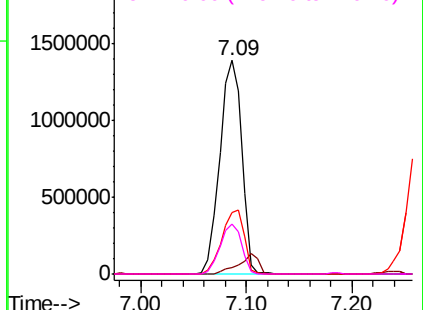
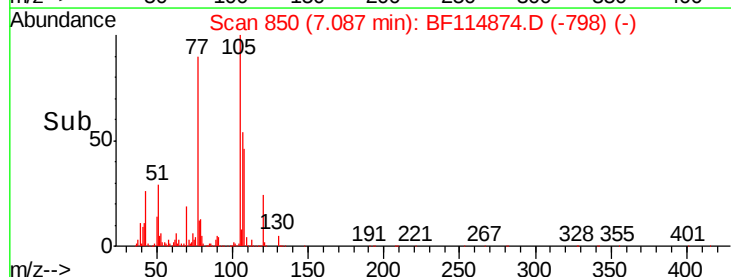
Abundance

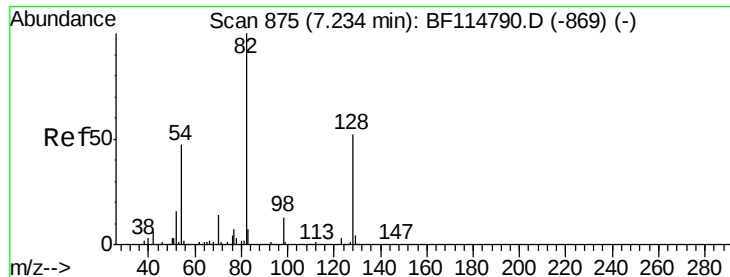
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





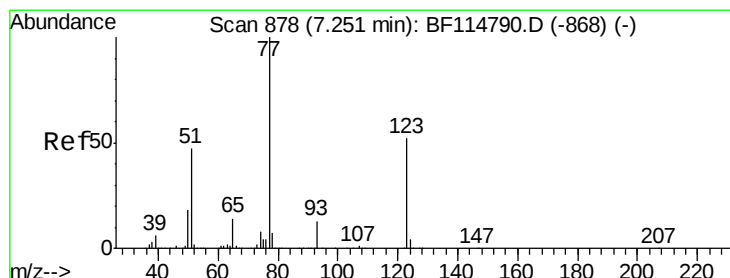
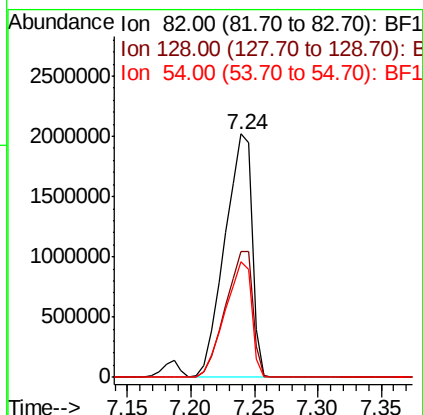
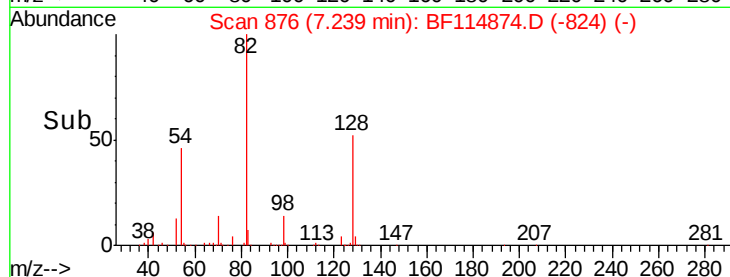
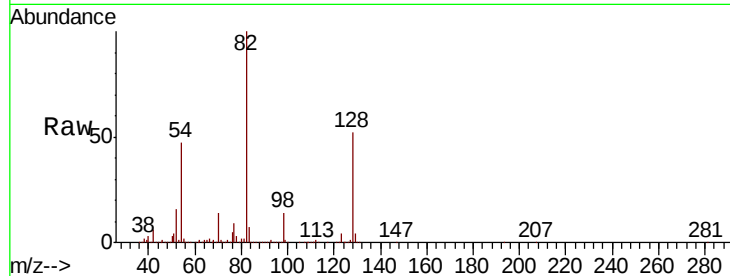
#23
Nitrobenzene-d5
Concen: 94.533 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.6	41.8	62.6
54	47.3	37.9	56.9

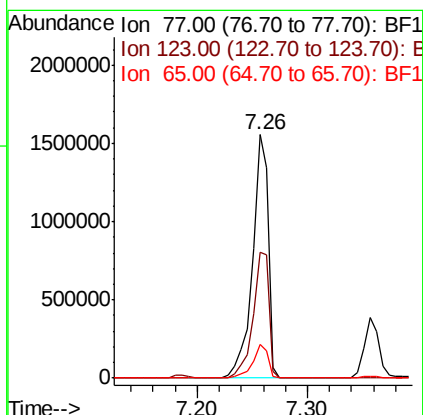
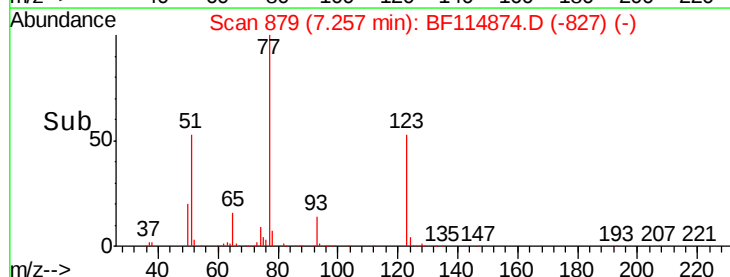
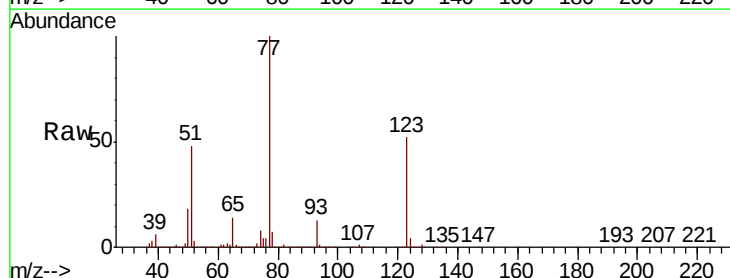
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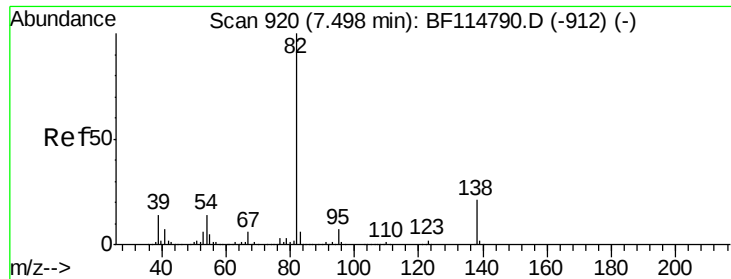
mohammad
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#24
Nitrobenzene
Concen: 47.177 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.9	41.5	62.3
65	13.7	10.8	16.2





#25

Isophorone

Concen: 47.917 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

Tot Ion: 82 Resp: 3004610

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.8

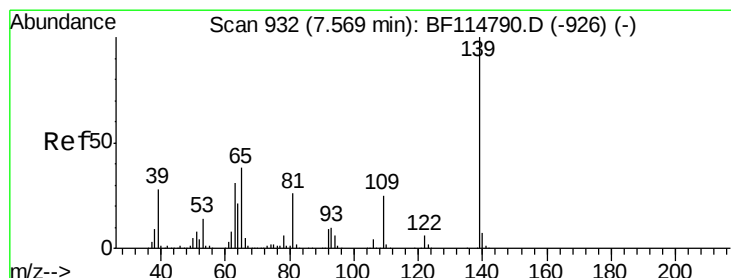
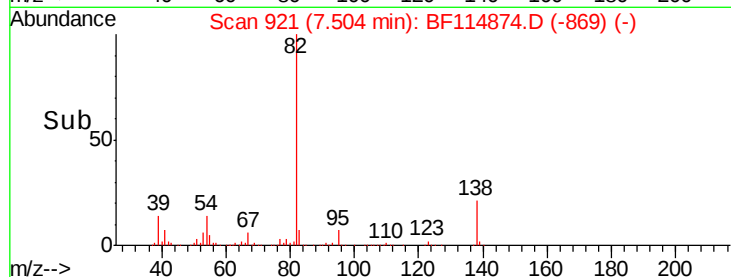
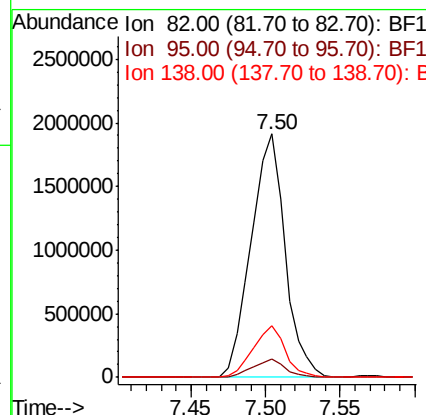
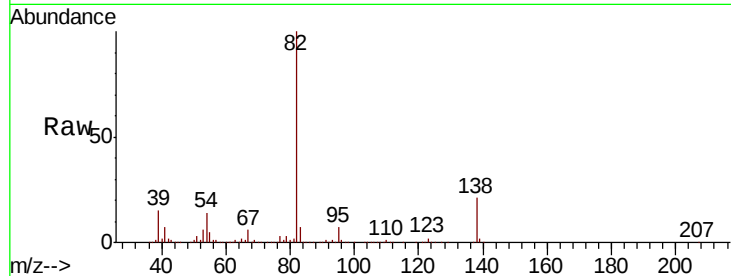
138 21.2 16.9 25.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 50.558 ng

RT: 7.57 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

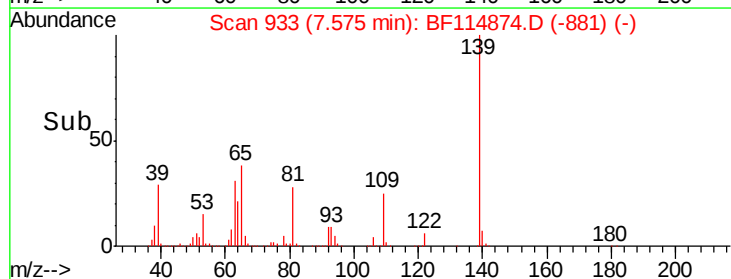
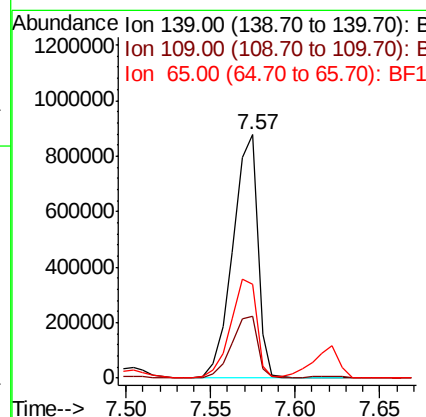
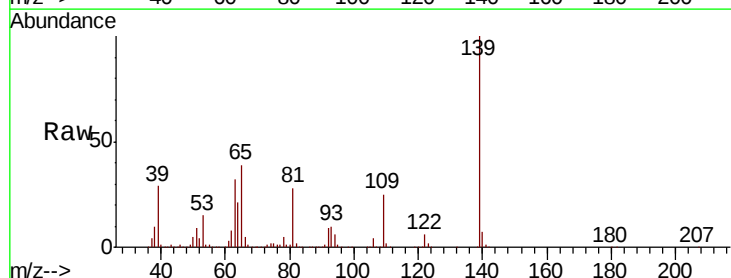
Tgt Ion: 139 Resp: 899758

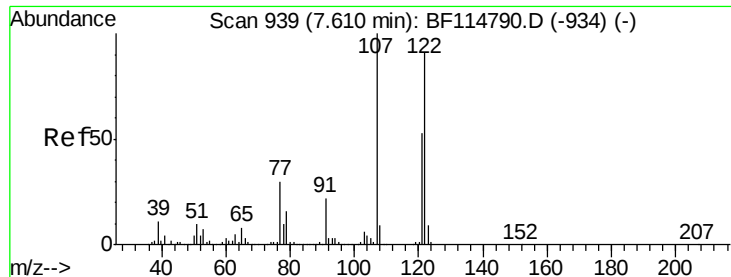
Ion Ratio Lower Upper

139 100

109 25.5 20.4 30.6

65 38.7 30.5 45.7





#27

2,4-Dimethylphenol

Concen: 52.517 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA_F

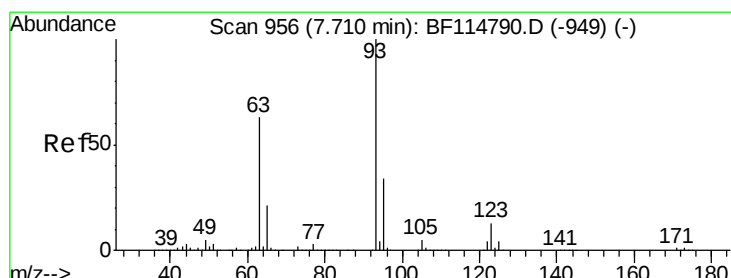
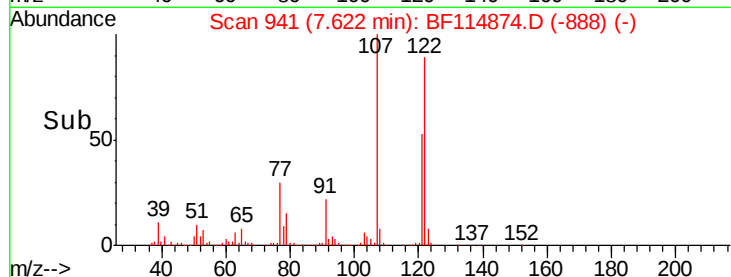
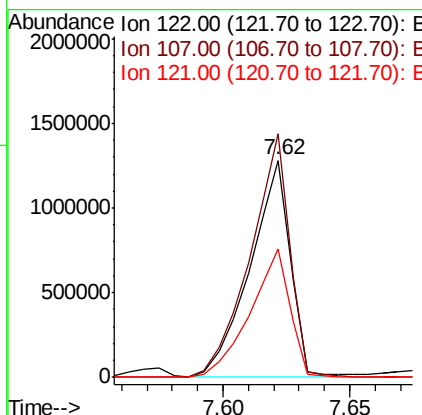
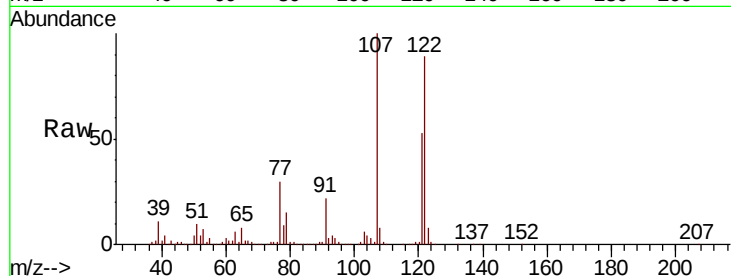
ClientSampleId :

RBR-200050MSD

Tot Ion:	122	Resp:	1420561
Ion	Ratio	Lower	Upper
122	100		
107	112.2	87.9	131.9
121	59.4	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 46.659 ng

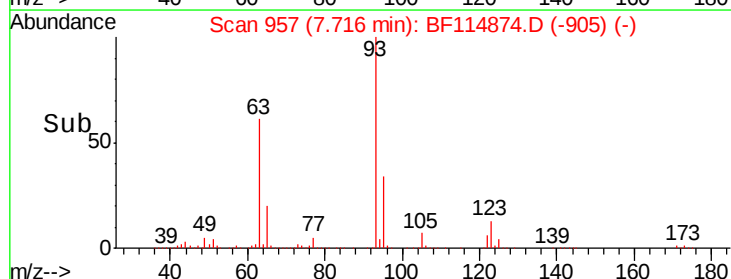
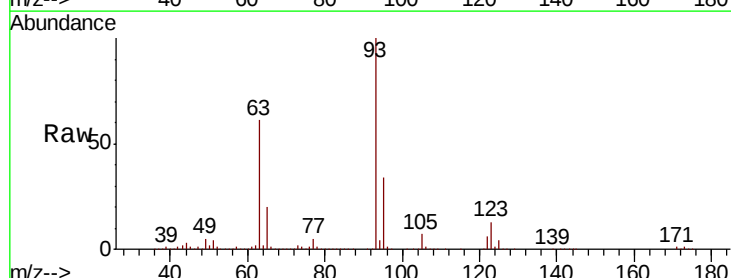
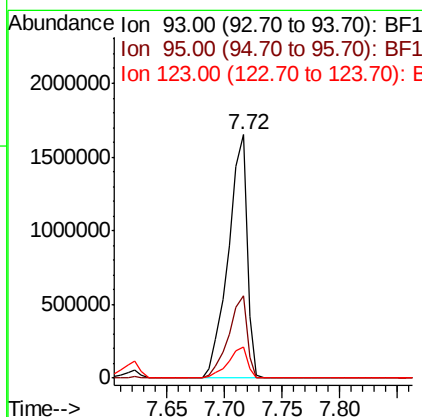
RT: 7.72 min Scan# 957

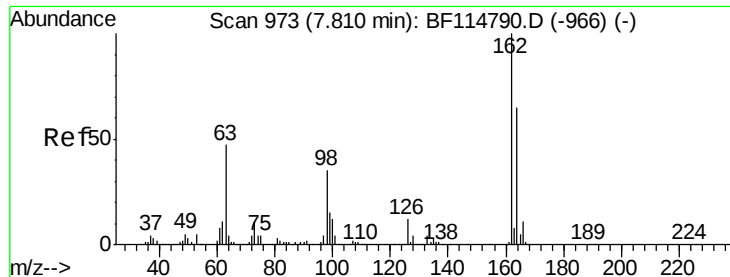
Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Tgt Ion:	93	Resp:	1870251
Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.9	40.3
123	13.0	10.4	15.6





#29

2,4-Dichlorophenol

Concen: 47.533 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

Tot Ion:162 Resp: 1352711

Ion Ratio Lower Upper

162 100

164 64.6 45.1 85.1

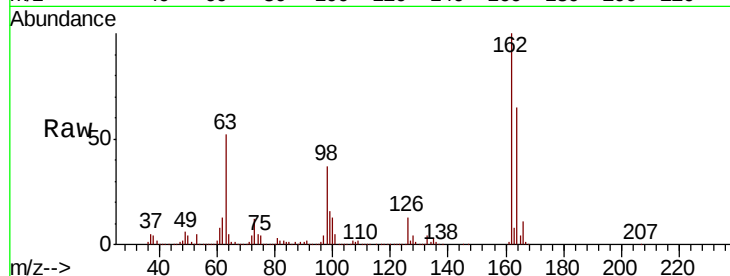
98 37.0 14.6 54.6

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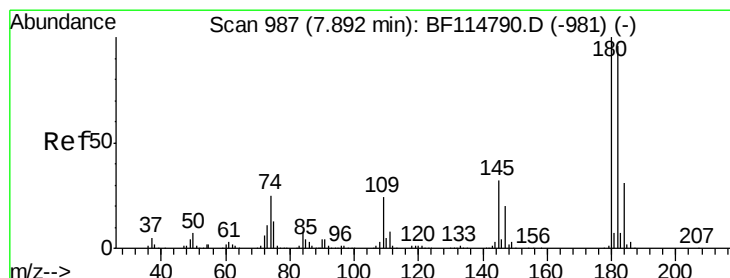
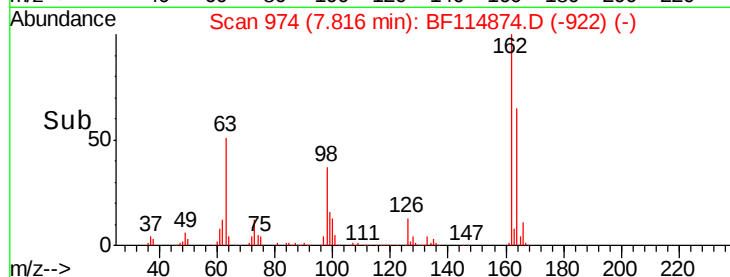
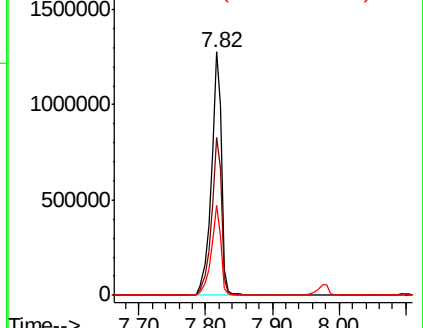
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 45.284 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

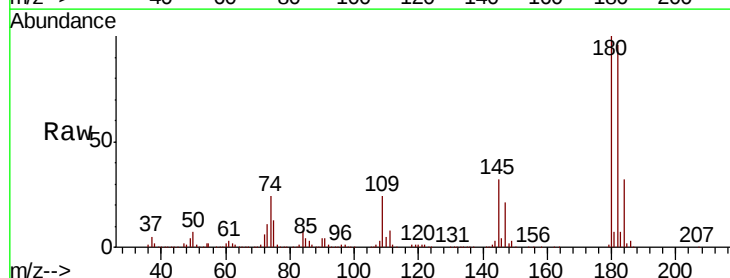
Tgt Ion:180 Resp: 1478672

Ion Ratio Lower Upper

180 100

182 96.2 76.5 114.7

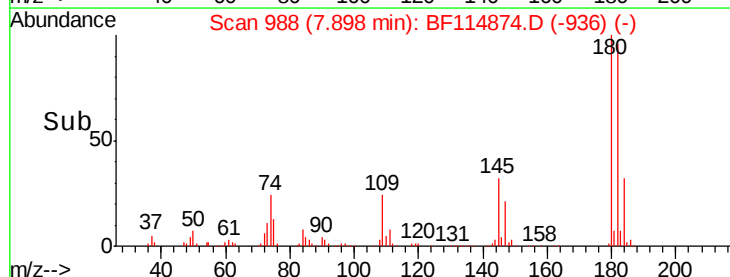
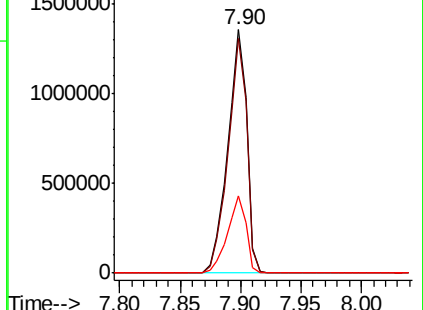
145 31.8 25.8 38.8

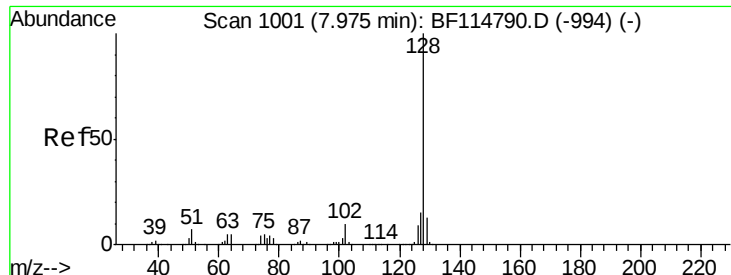


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





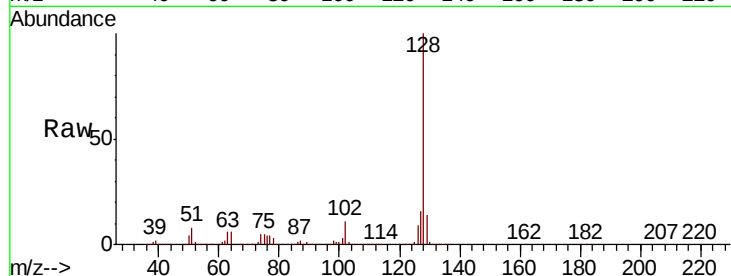
#31
Naphthalene
Concen: 45.056 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.5	10.0	15.0
127	15.7	12.2	18.2

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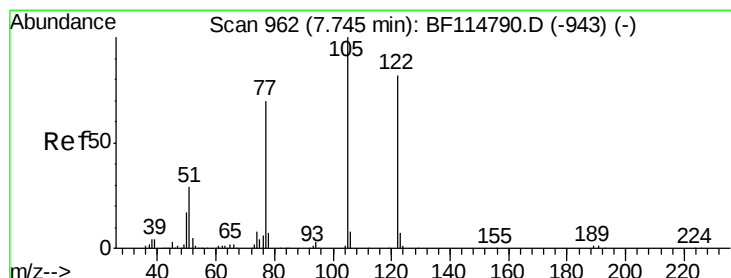
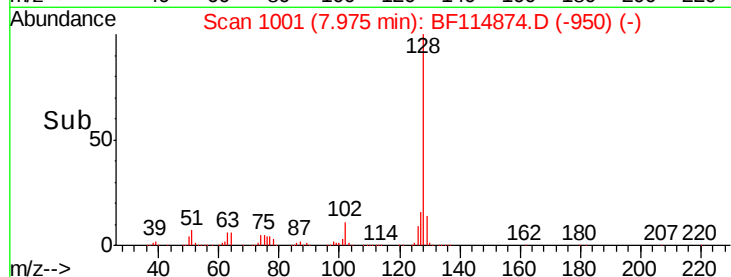
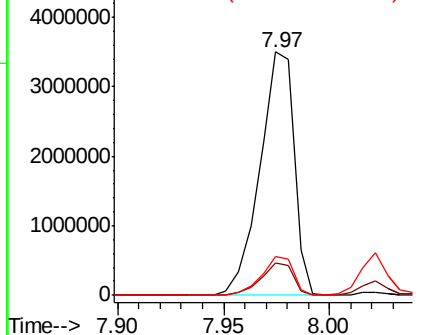


Abundance

Ion 128.00 (127.70 to 128.70): E

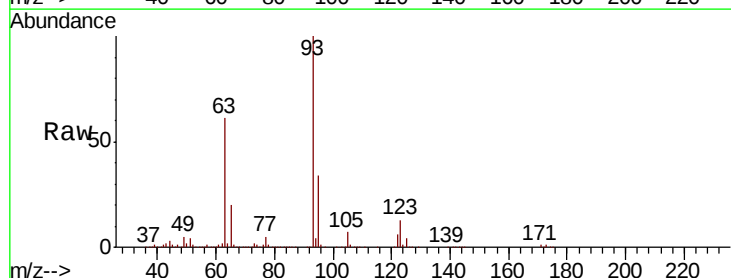
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 13.852 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.03 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.8	98.7	138.7
77	87.1	64.8	104.8

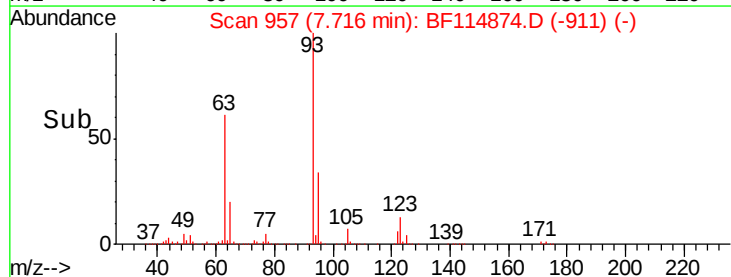
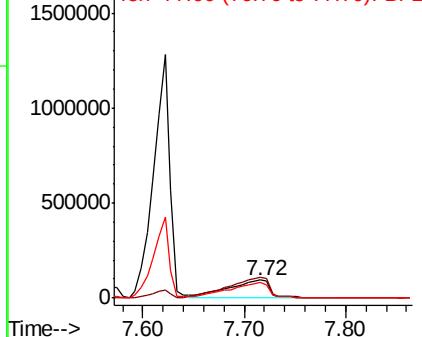


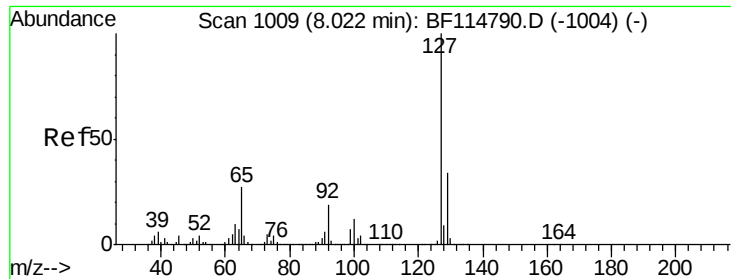
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





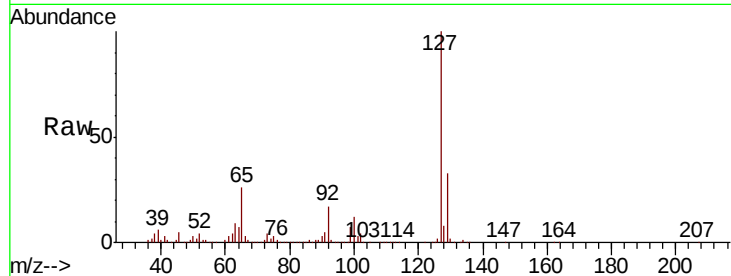
#33
4-Chloroaniline
Concen: 14.236 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

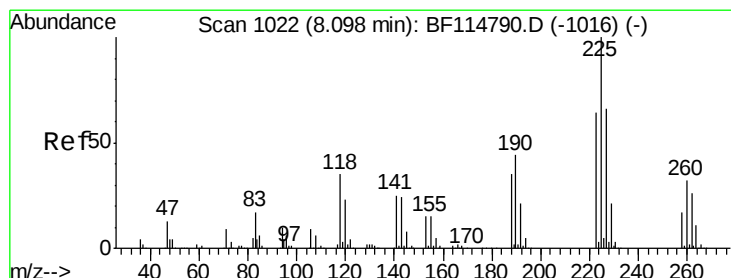
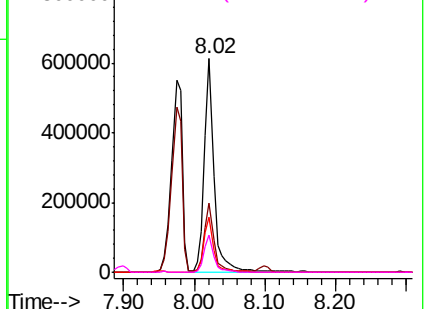
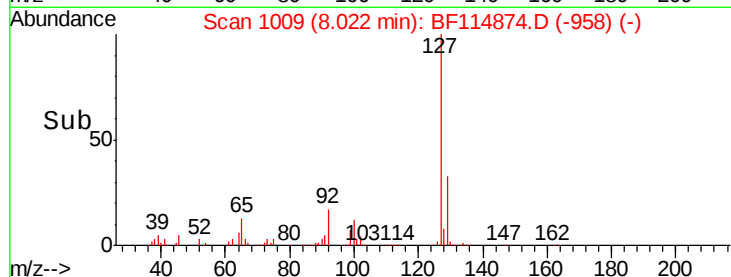
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.9	40.3	
65	25.9	21.7	32.5	
92	17.5	14.8	22.2	

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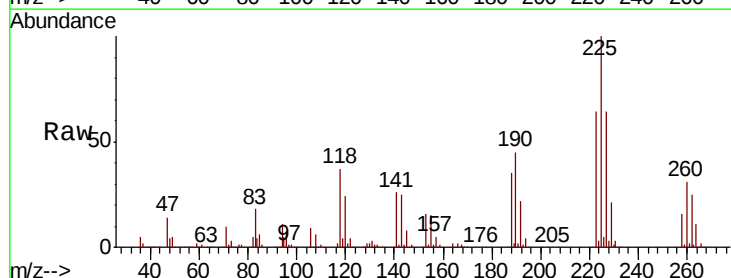


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

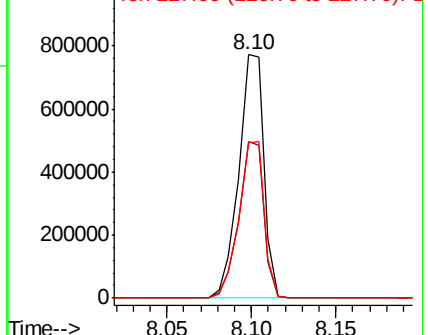
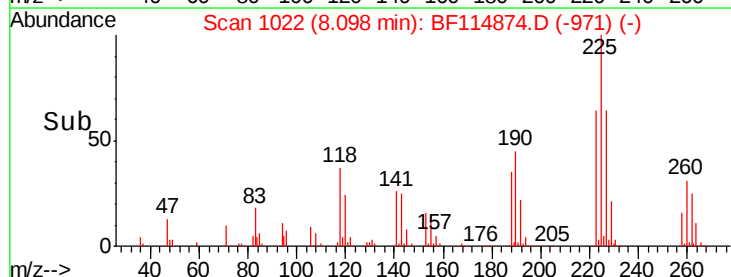


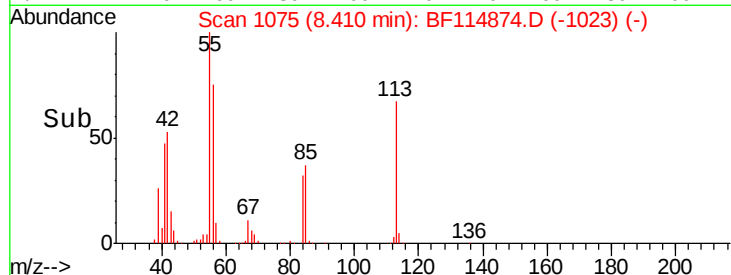
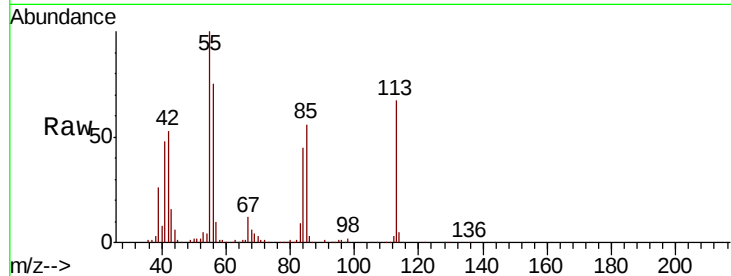
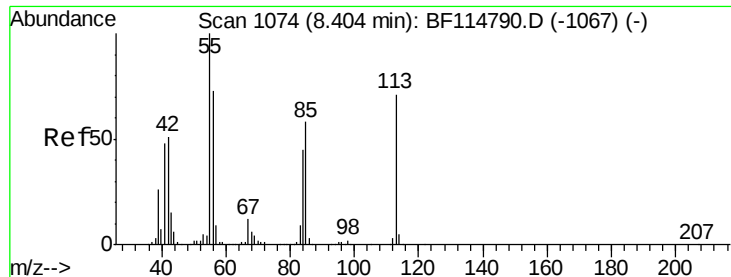
#34
Hexachlorobutadiene
Concen: 43.061 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	51.0	76.6	
227	63.9	52.6	78.8	



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





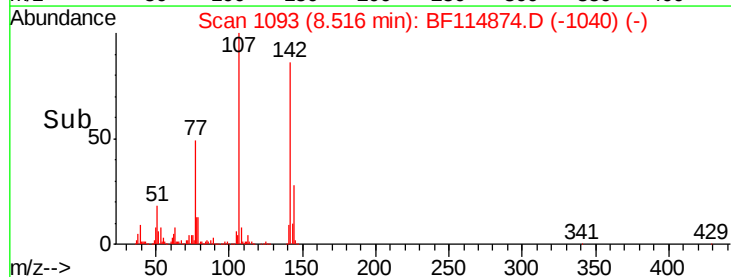
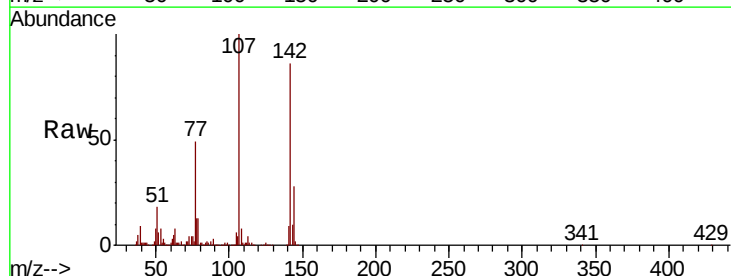
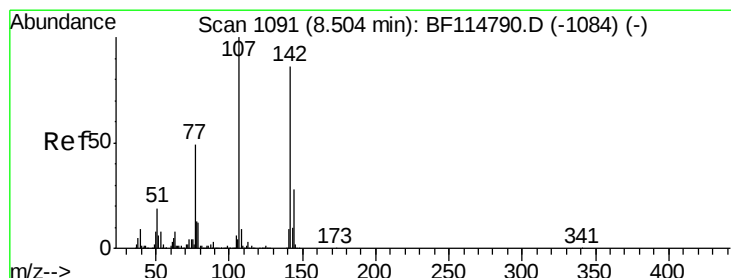
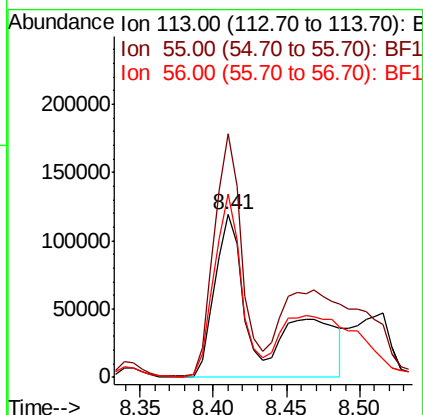
#35
Caprolactam
Concen: 28.883 ng/ml
RT: 8.41 min Scan# 1075
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tot Ion	Ratio	Lower	Upper
113	100		
55	149.7	121.1	161.1
56	112.6	82.6	122.6

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

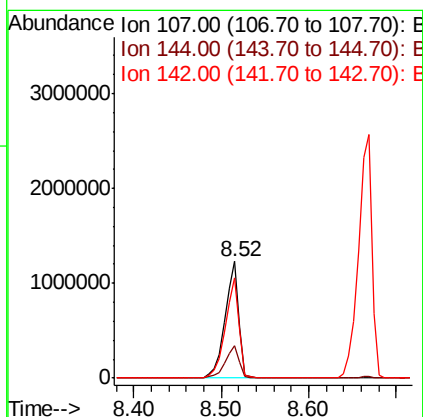
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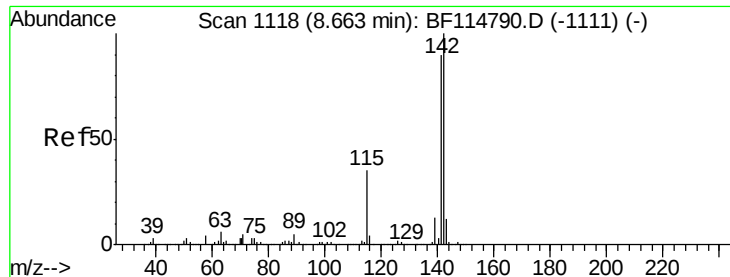
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#36
4-Chloro-3-methylphenol
Concen: 47.268 ng/ml
RT: 8.52 min Scan# 1093
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.1	22.1	33.1
142	85.5	68.4	102.6





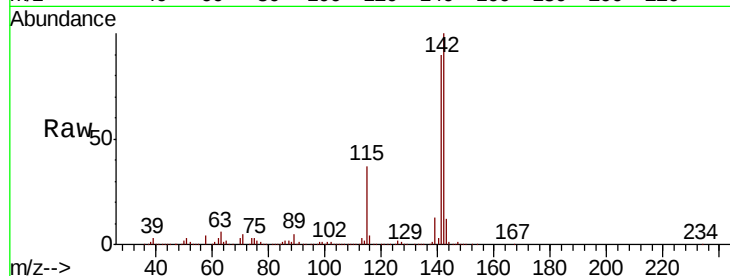
#37
2-Methylnaphthalene
Concen: 45.368 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.6	107.4
115	36.6	28.2	42.4

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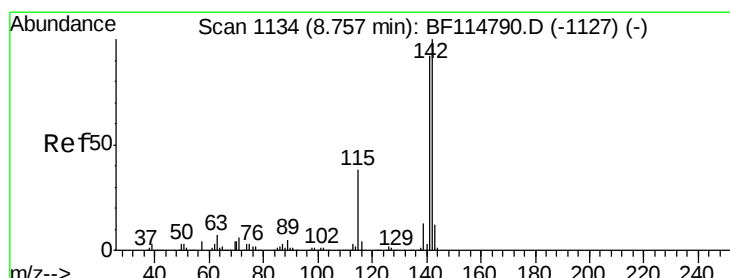
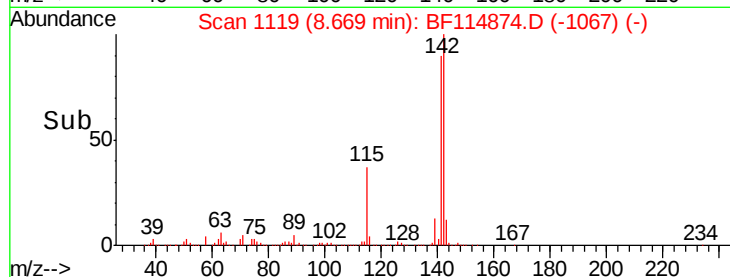
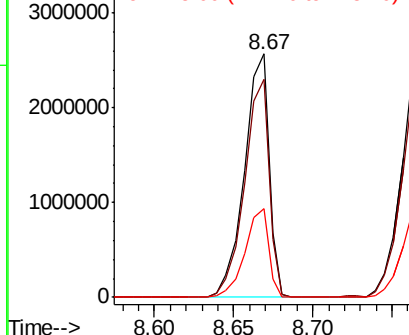


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.875 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

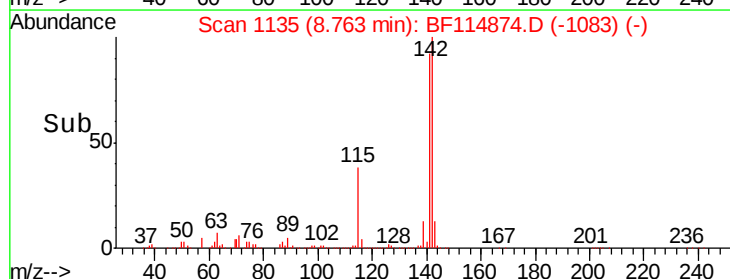
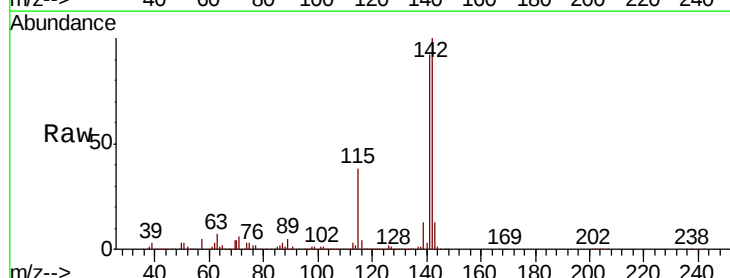
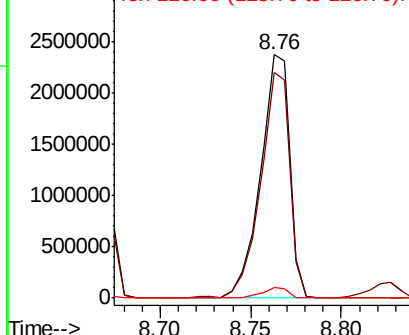
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.8	110.6
116	4.1	3.3	4.9

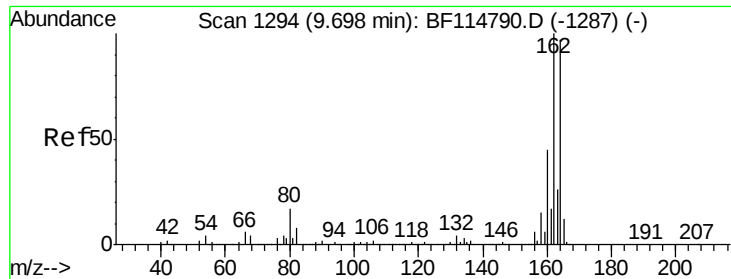
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





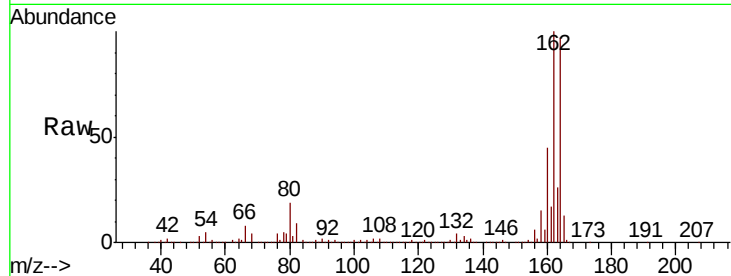
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF114874.D
 Acq: 6 Jun 2019 20:43

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MSD

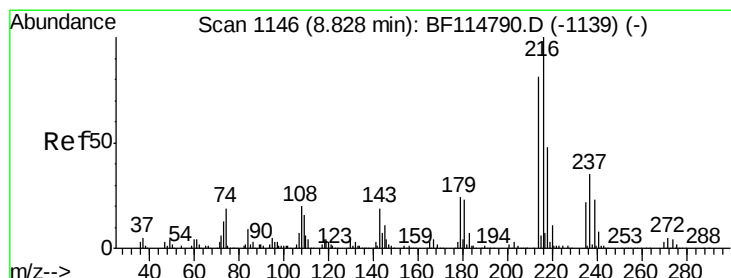
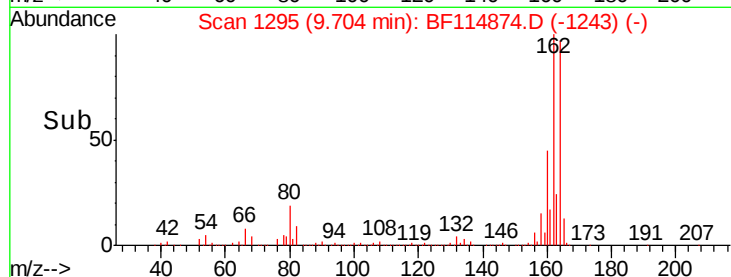
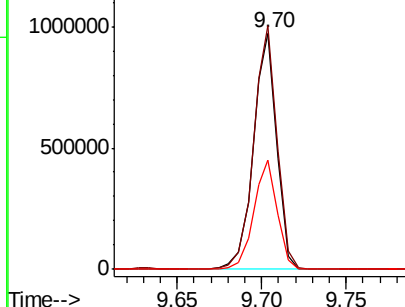
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.3	123.5
160	46.4	36.7	55.1

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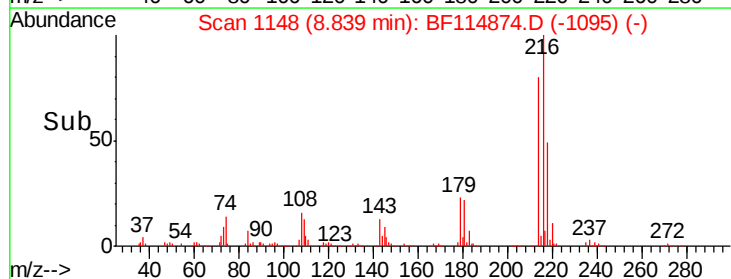
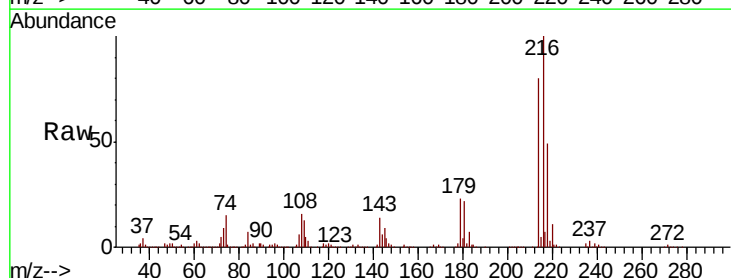
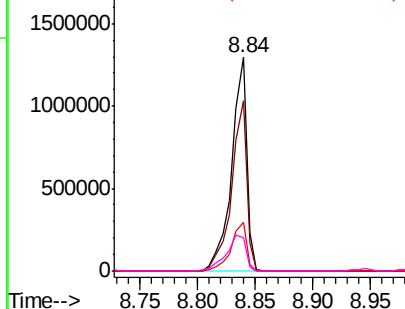
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

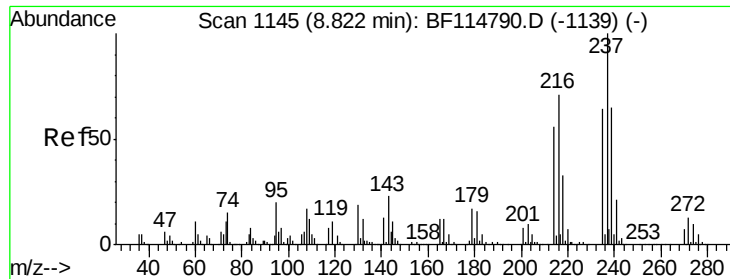


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.664 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BF114874.D
 Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.4	95.2
179	23.2	18.3	27.5
108	21.5	15.5	23.3

Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.940 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA_F

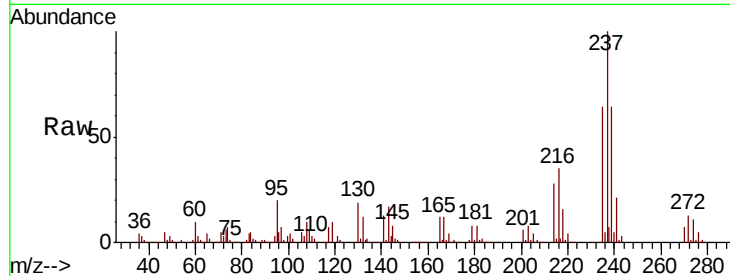
ClientSampleId :

RBR-200050MSD

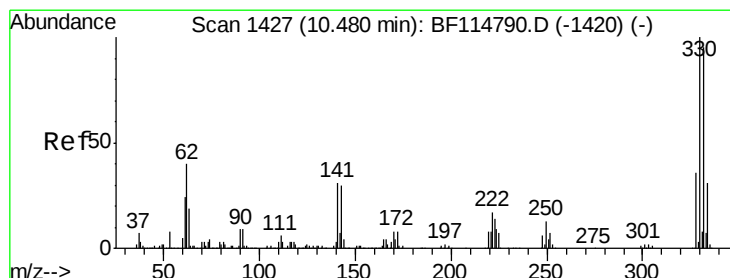
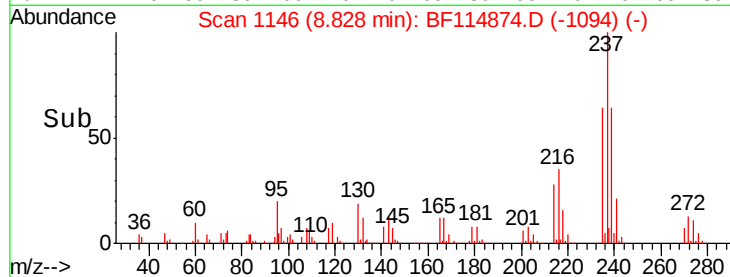
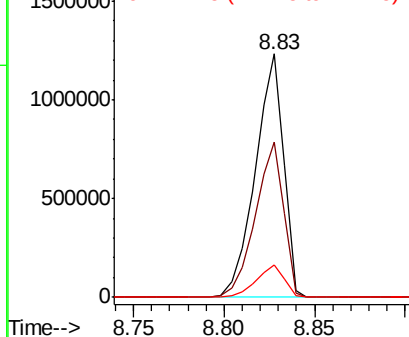
Tot Ion:	237	Resp:	1336597
Ion Ratio		Lower	Upper
237	100		
235	63.6	44.0	84.0
272	13.3	0.0	33.4

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 119.266 ng

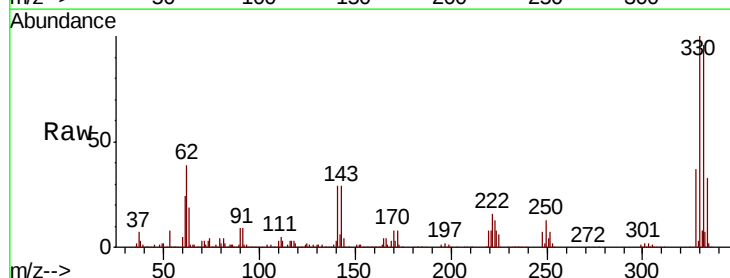
RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

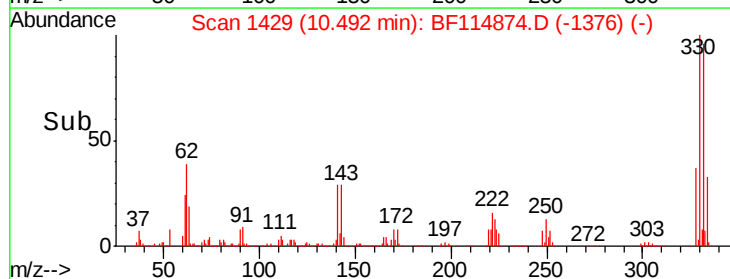
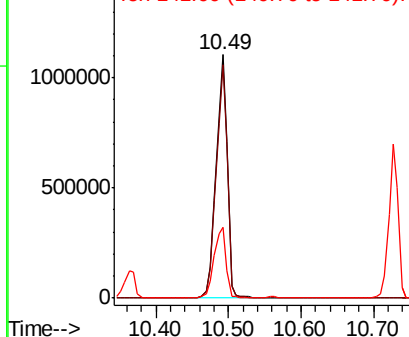
Lab File: BF114874.D

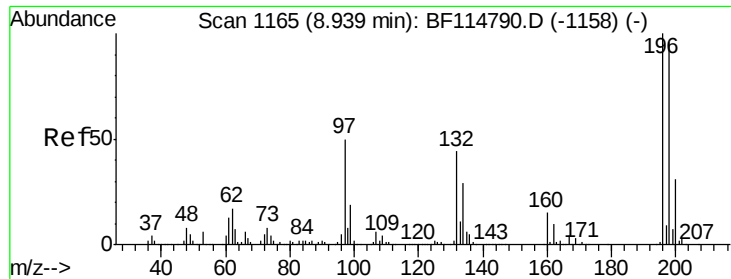
Acq: 6 Jun 2019 20:43

Tgt Ion:	330	Resp:	1199520
Ion Ratio		Lower	Upper
330	100		
332	96.4	77.3	115.9
141	31.1	26.2	39.4



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: 46.871 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA_F

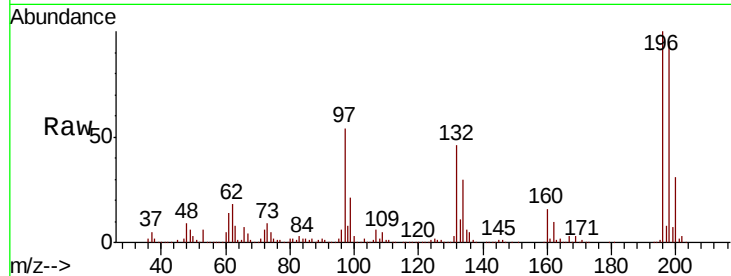
ClientSampleId :

RBR-200050MSD

Tot Ion:	196	Resp:	980244
Ion Ratio	Lower	Upper	
196	100		
198	94.9	77.1	115.7
200	31.1	24.6	36.8

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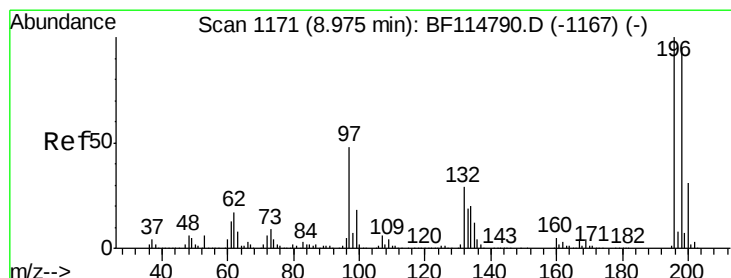
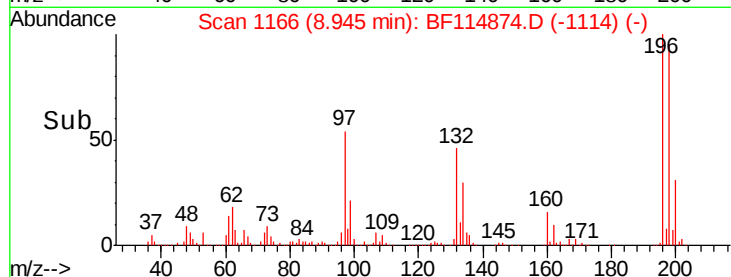
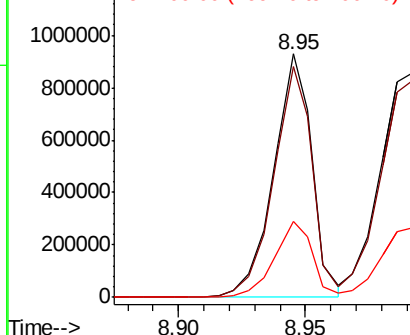


Abundance

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: 48.225 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.02 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Tgt Ion:	196	Resp:	1015725
Ion Ratio	Lower	Upper	
196	100		
198	96.5	76.2	114.4
97	42.7	38.2	57.4
132	27.2	23.7	35.5

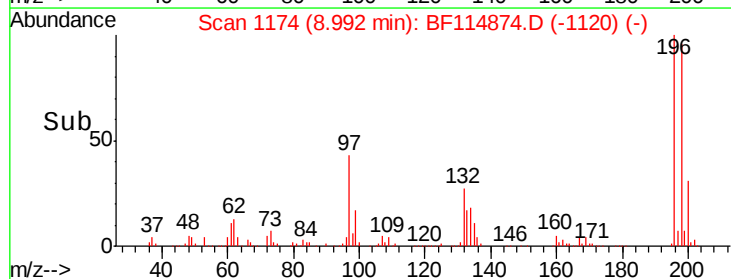
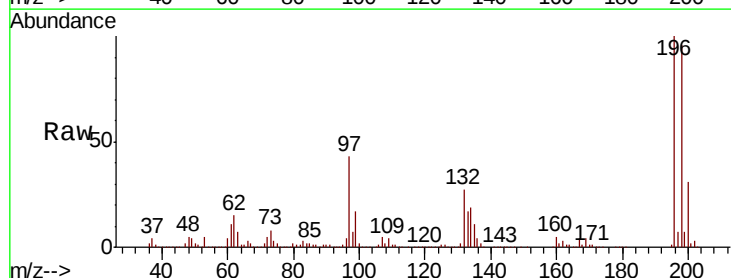
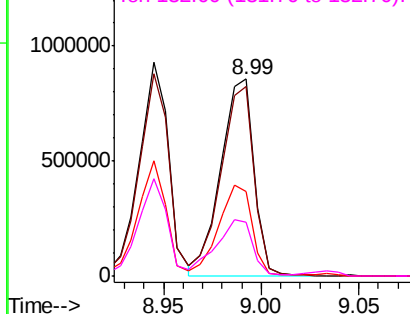
Abundance

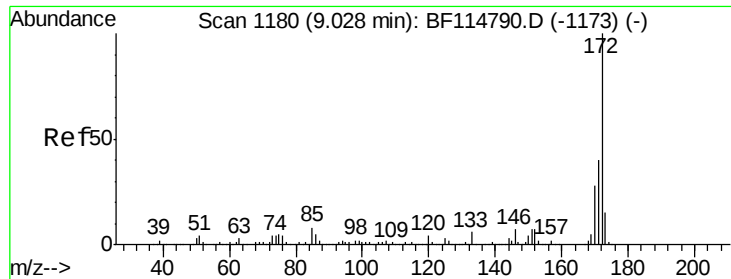
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





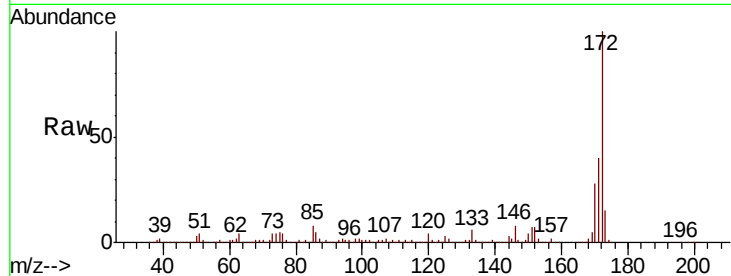
#45
2-Fluorobiphenyl
Concen: 95.268 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.3	32.3	48.5
170	27.9	22.4	33.6

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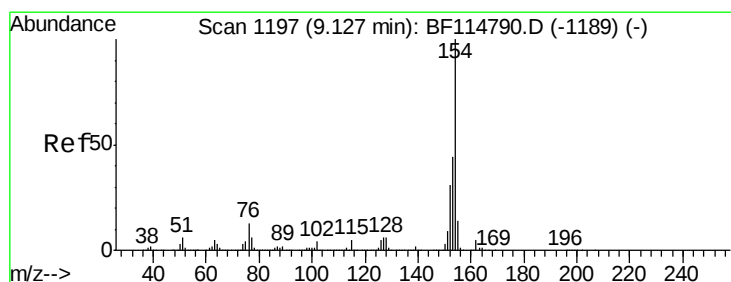
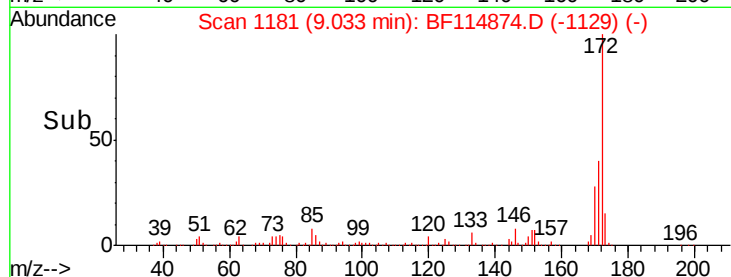
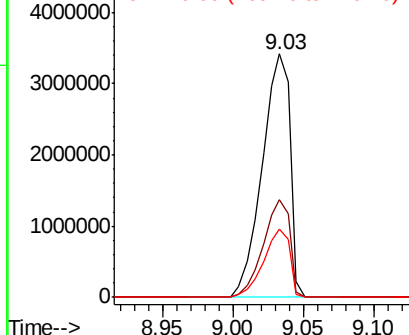


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.374 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

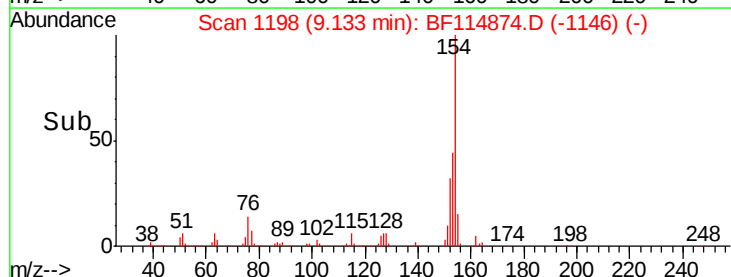
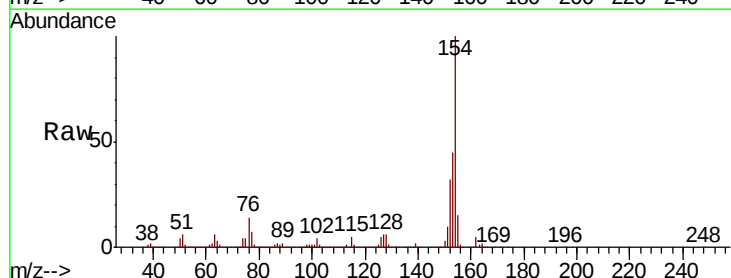
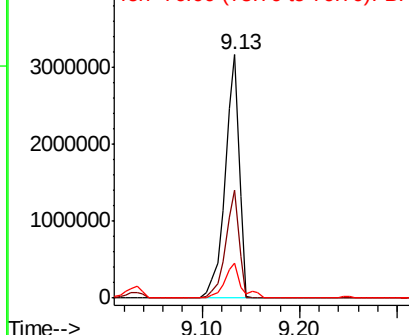
Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.6	23.9	63.9
76	14.3	0.0	33.2

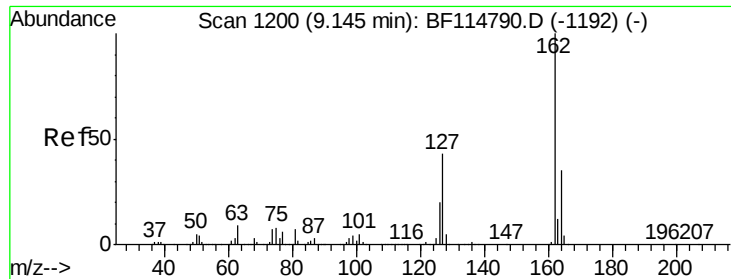
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





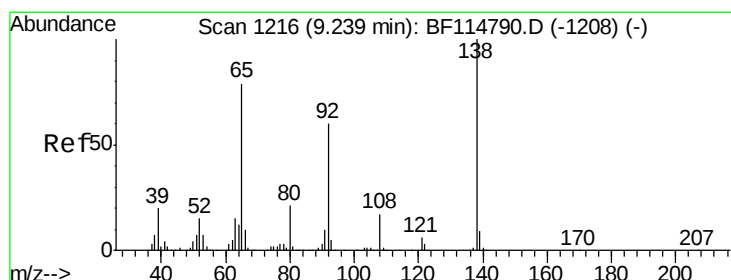
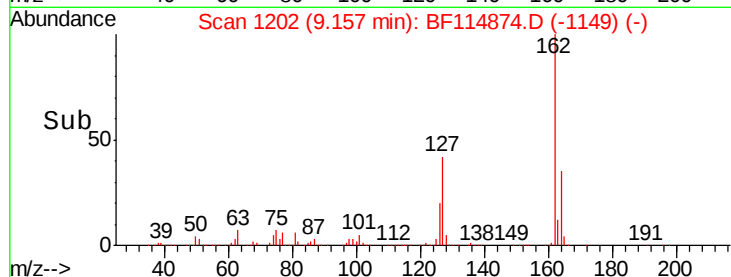
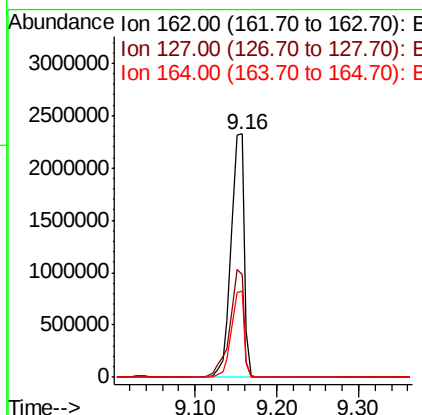
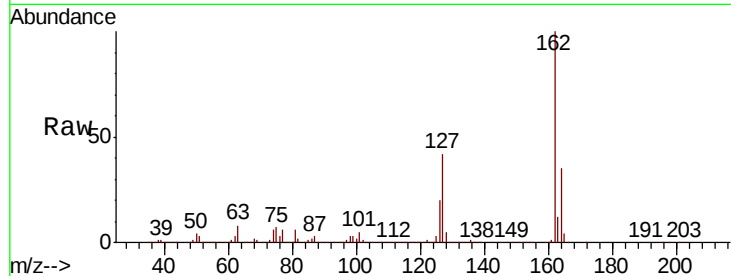
#47
 2-Chloronaphthalene
 Concen: 44.388 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF114874.D
 Acq: 6 Jun 2019 20:43

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	34.6	51.8
164	35.5	27.8	41.8

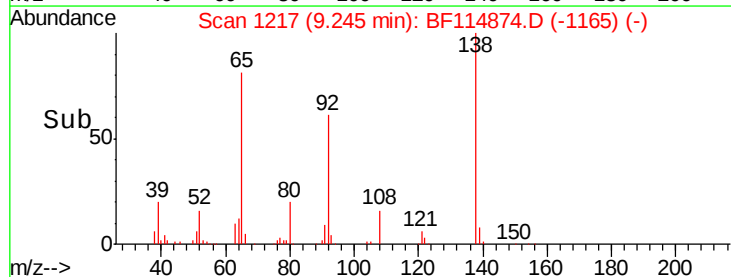
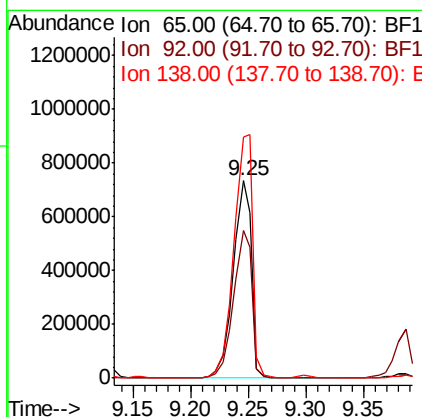
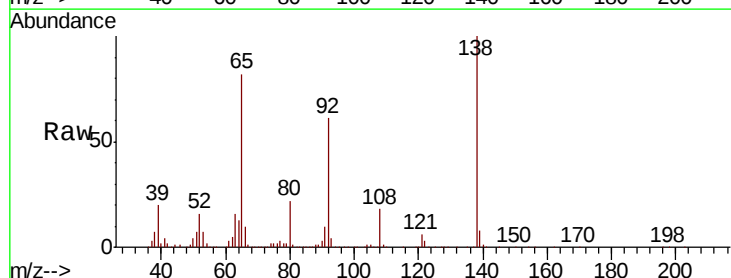
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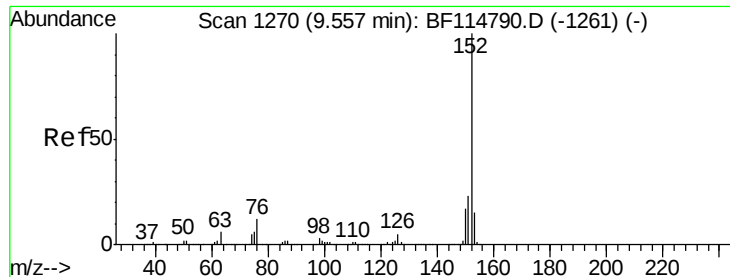
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#48
 2-Nitroaniline
 Concen: 45.893 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF114874.D
 Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.6	60.4	90.6
138	122.2	101.2	151.8





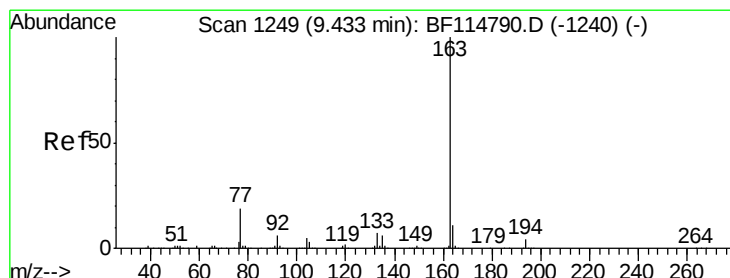
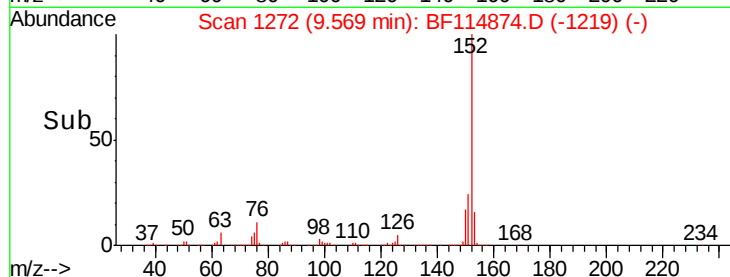
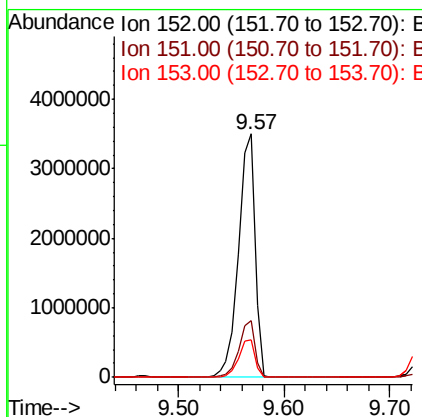
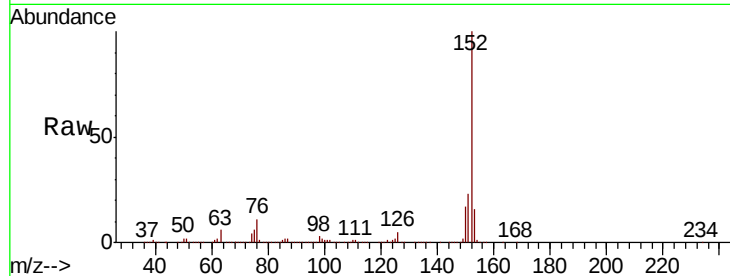
#49
Acenaphthylene
Concen: 43.980 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	23.5	18.3	27.5
153	15.5	12.3	18.5

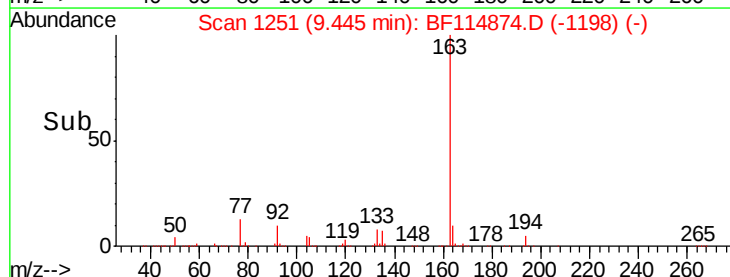
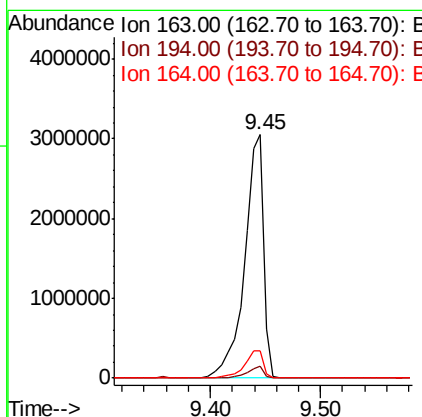
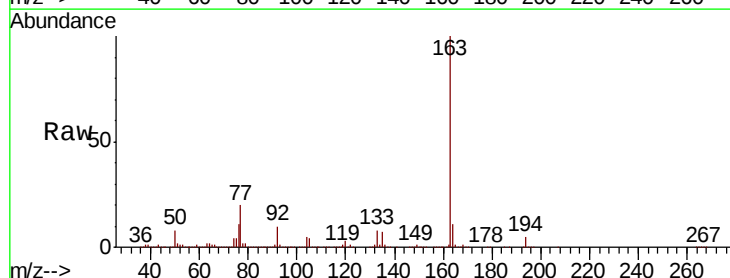
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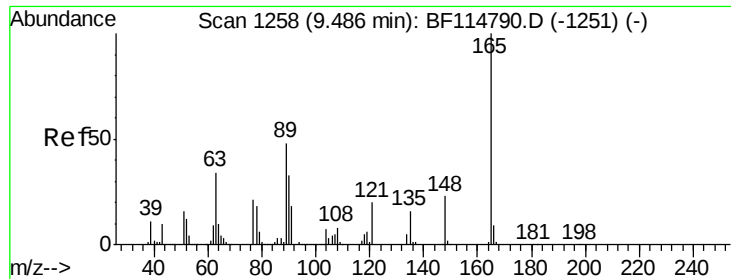
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#50
Dimethylphthalate
Concen: 53.904 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	11.4	8.6	13.0





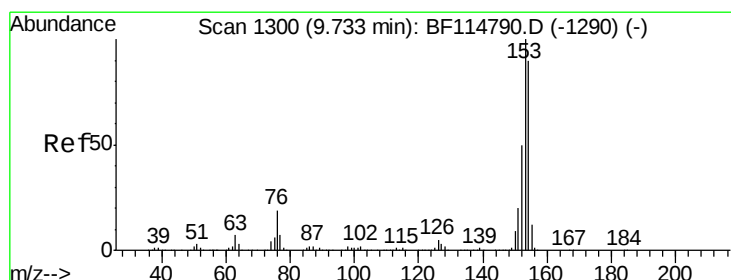
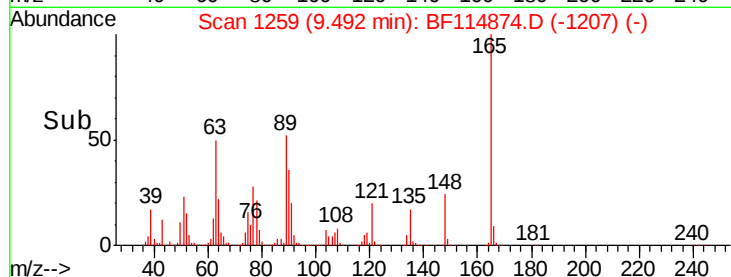
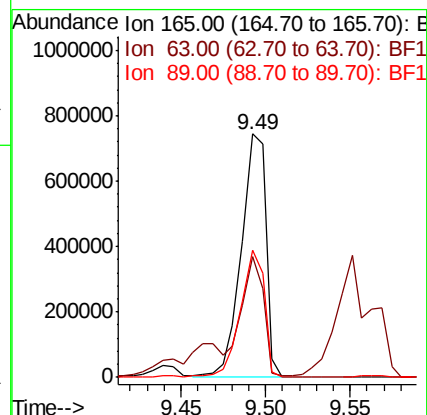
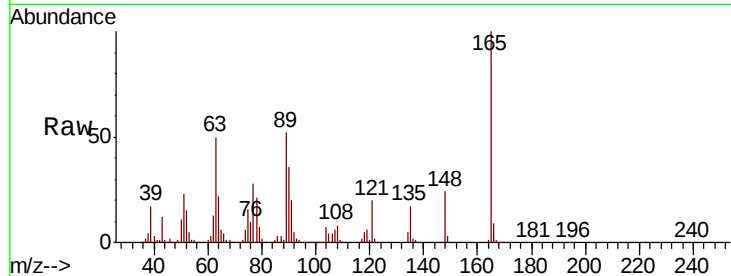
#51
 2,6-Dinitrotoluene
 Concen: 47.574 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. 0.01 min
 Lab File: BF114874.D
 Acq: 6 Jun 2019 20:43

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.7	35.1	52.7
89	52.5	38.2	57.2

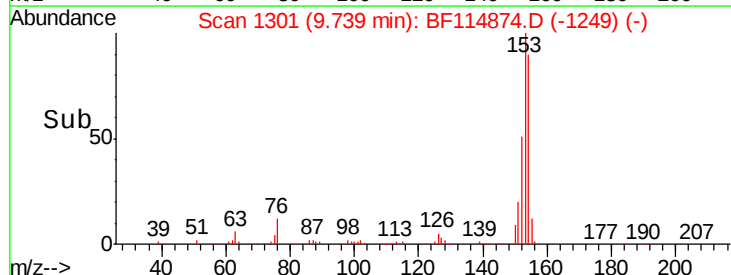
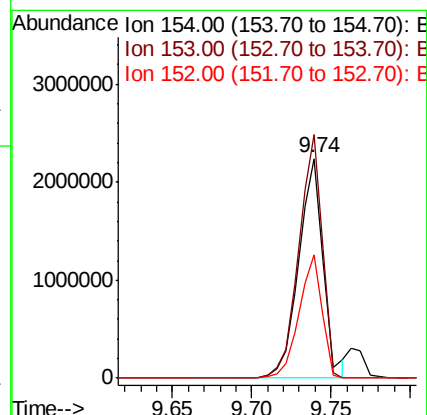
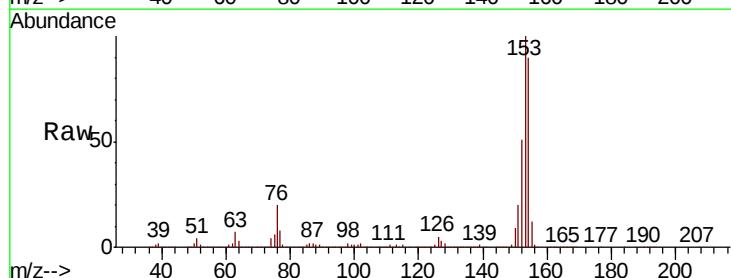
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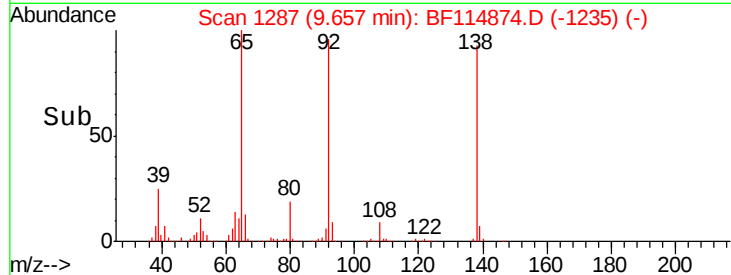
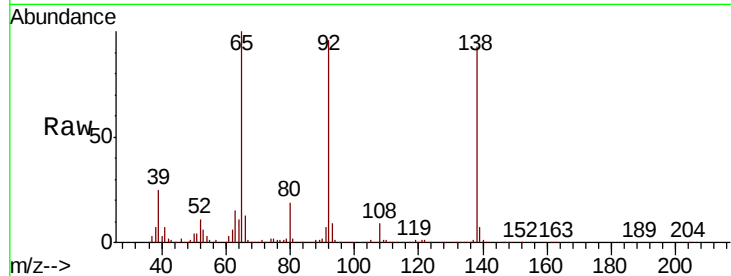
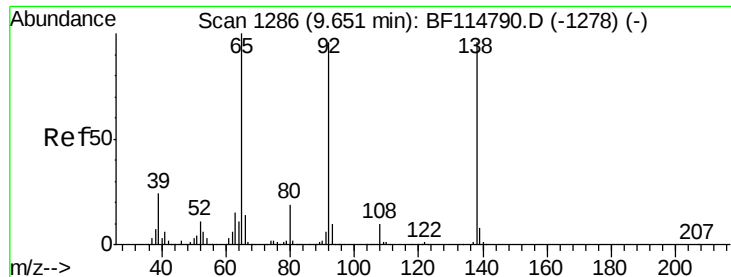
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#52
 Acenaphthene
 Concen: 42.715 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.01 min
 Lab File: BF114874.D
 Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.9	88.5	132.7
152	56.2	44.1	66.1





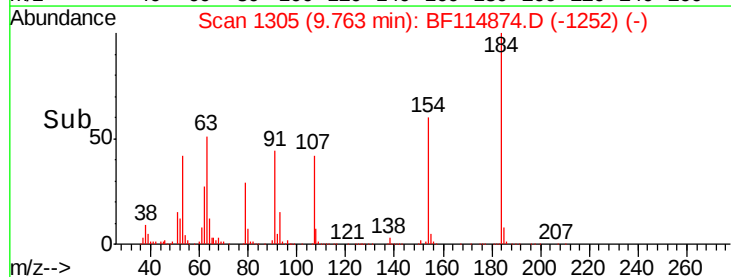
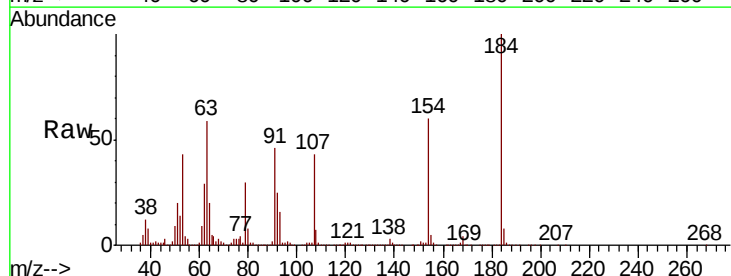
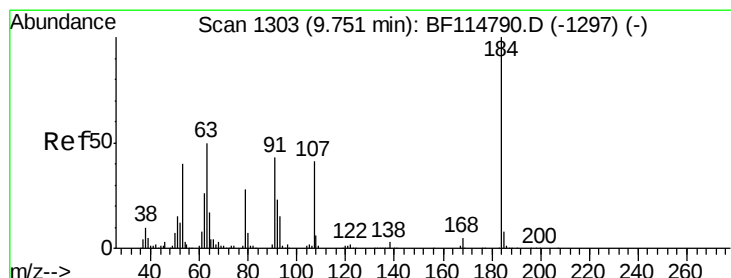
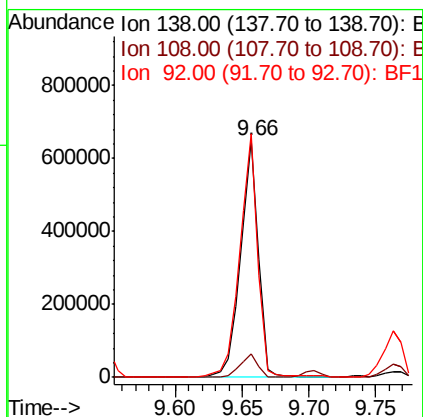
#53
3-Nitroaniline
Concen: 32.414 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.9	11.9
92	102.9	79.9	119.9

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

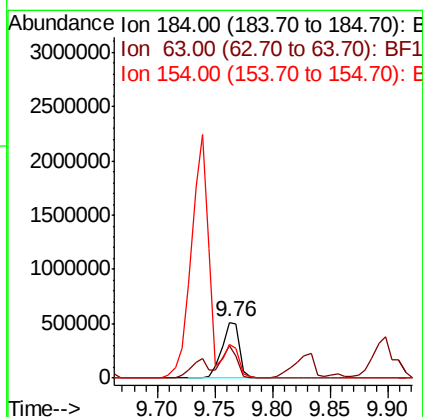
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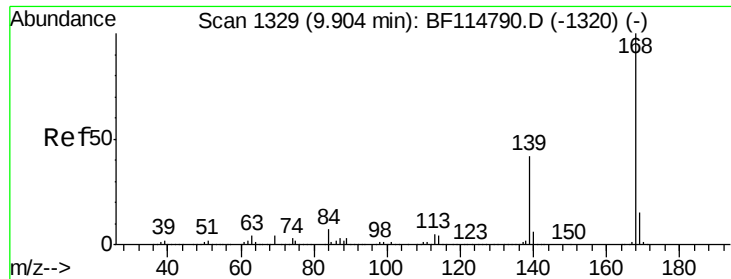
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#54
2,4-Dinitrophenol
Concen: 75.376 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.2	44.1	66.1
154	60.3	48.1	72.1





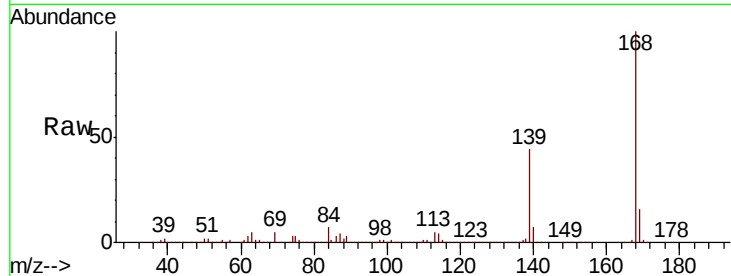
#55
Dibenzofuran
Concen: 41.934 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

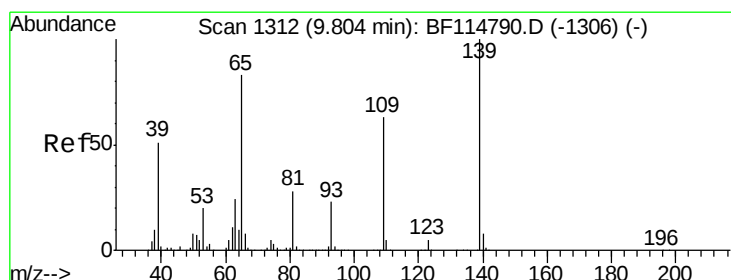
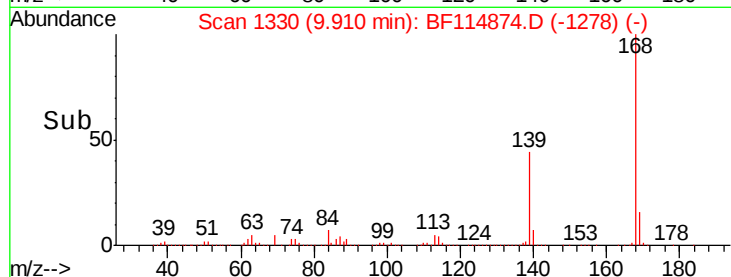
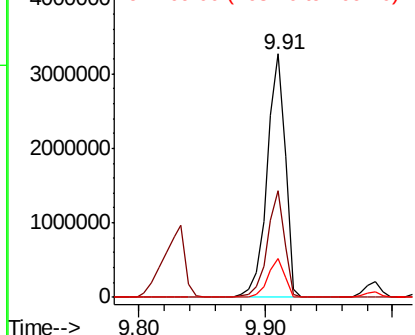
Tot Ion:168 Resp: 3255703
Ion Ratio Lower Upper
168 100
139 44.0 33.8 50.6
169 15.7 11.9 17.9

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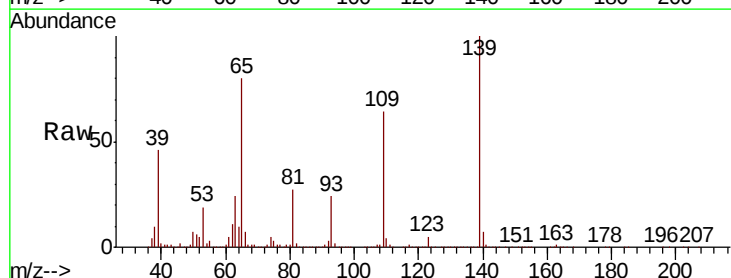


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

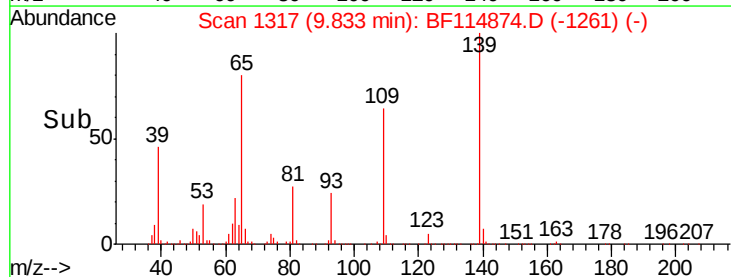
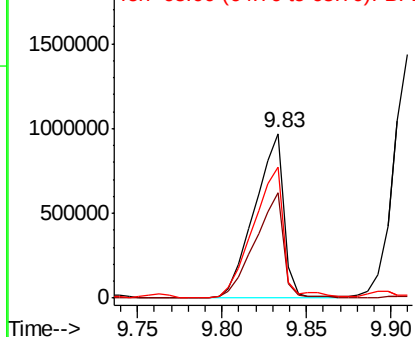


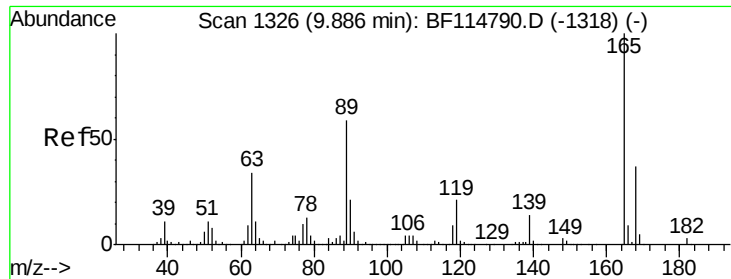
#56
4-Nitrophenol
Concen: 85.183 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.03 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion:139 Resp: 1168881
Ion Ratio Lower Upper
139 100
109 63.8 43.5 83.5
65 79.8 63.2 103.2



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





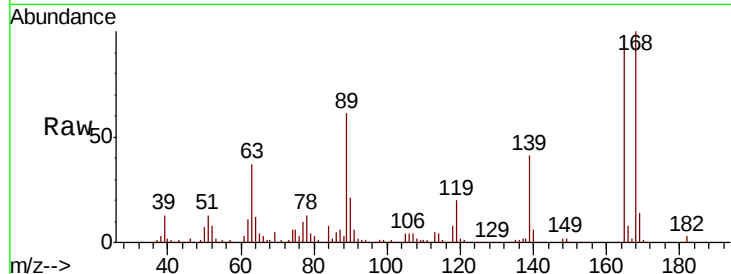
#57
 2,4-Dinitrotoluene
 Concen: 45.772 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: BF114874.D
 Acq: 6 Jun 2019 20:43

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MSD

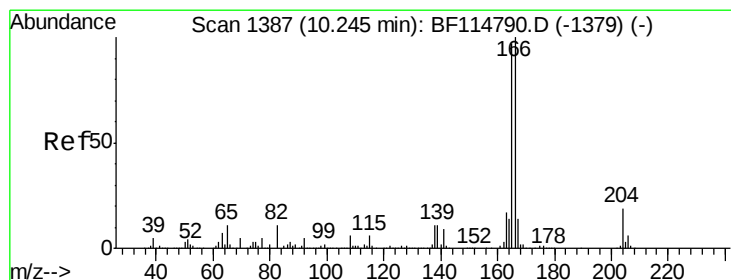
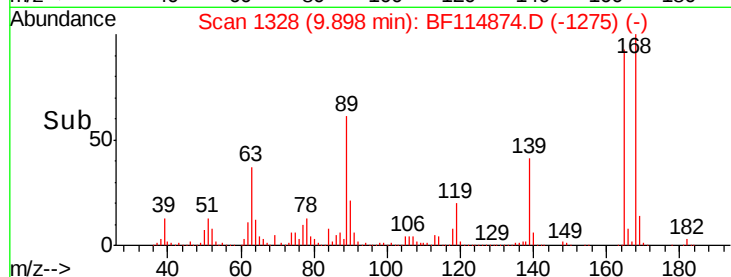
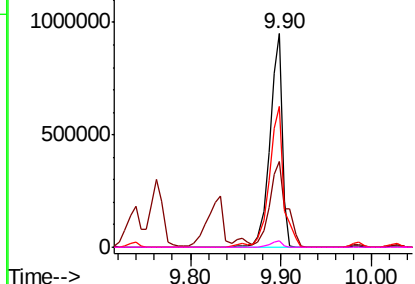
Tot Ion	Ratio	Resp	Lower	Upper
165	100	922385		
63	40.2	27.0	40.4	
89	66.1	47.0	70.6	
182	2.8	2.2	3.2	

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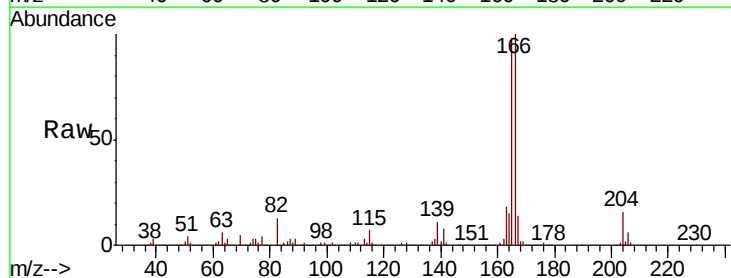


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

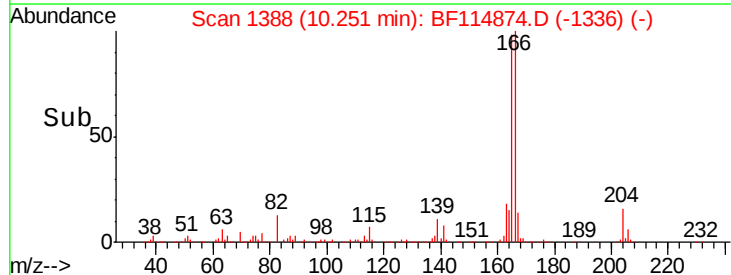
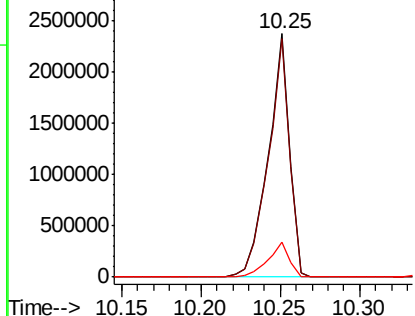


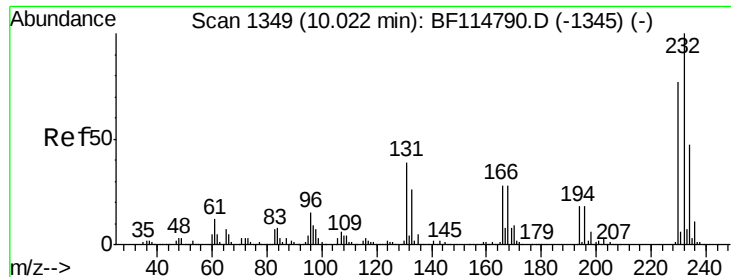
#58
 Fluorene
 Concen: 45.161 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF114874.D
 Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2245556		
165	97.8	77.9	116.9	
167	14.2	11.3	16.9	



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





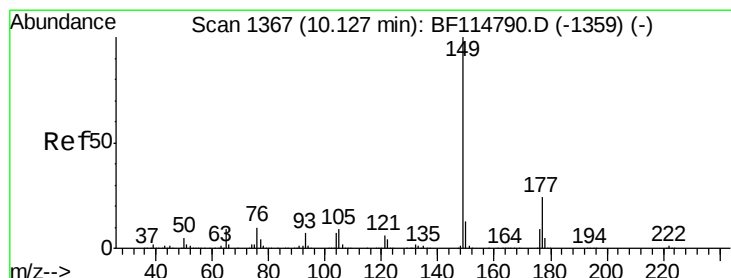
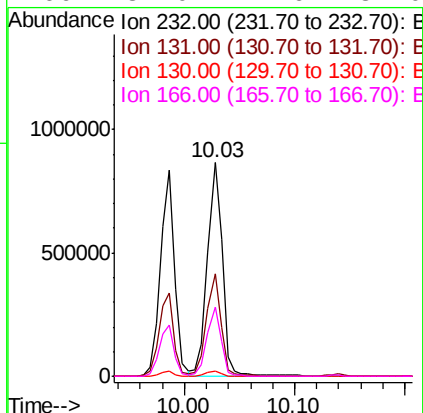
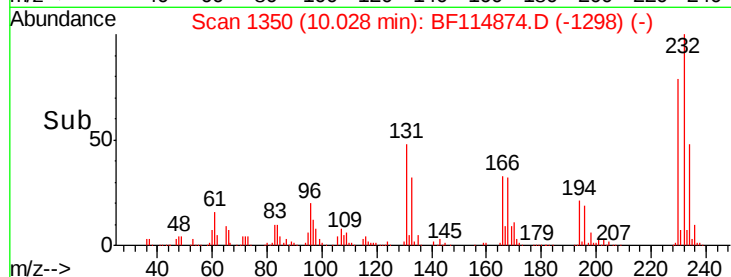
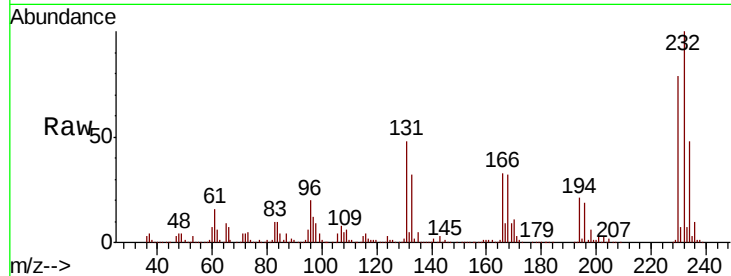
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.400 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.1	36.8	55.2
130	2.2	1.8	2.6
166	31.0	24.6	37.0

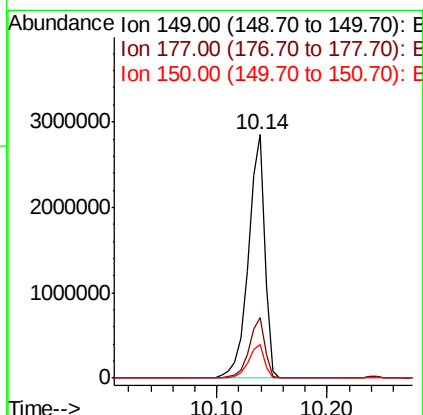
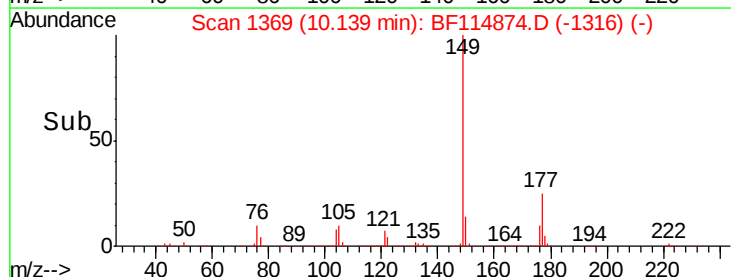
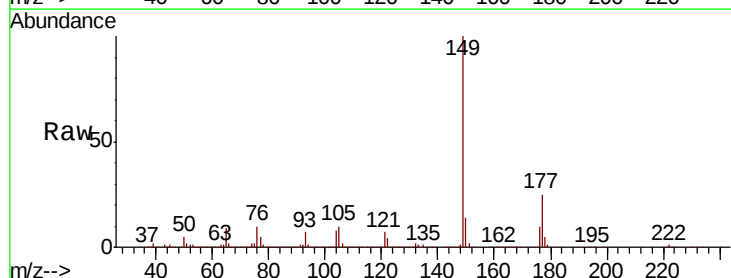
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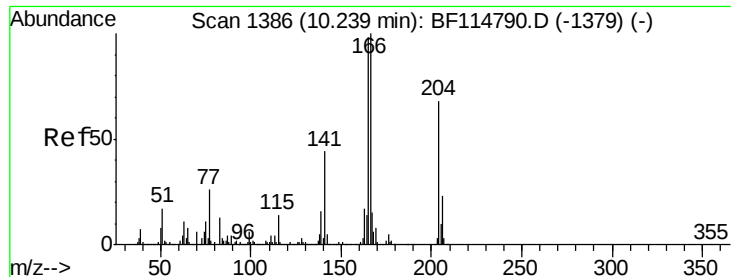
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#60
Diethylphthalate
Concen: 43.403 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.1	19.3	28.9
150	13.9	10.7	16.1





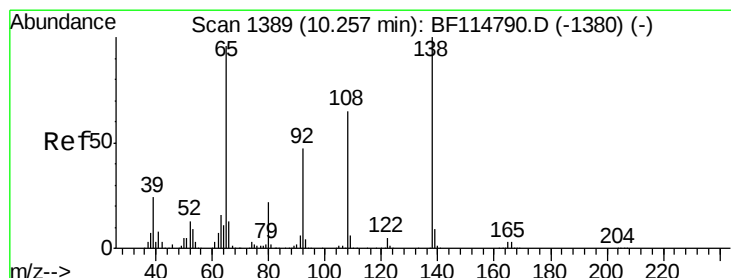
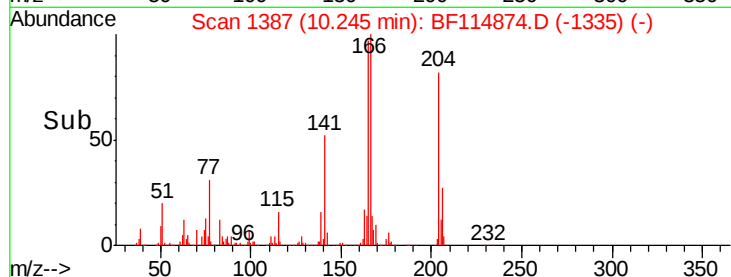
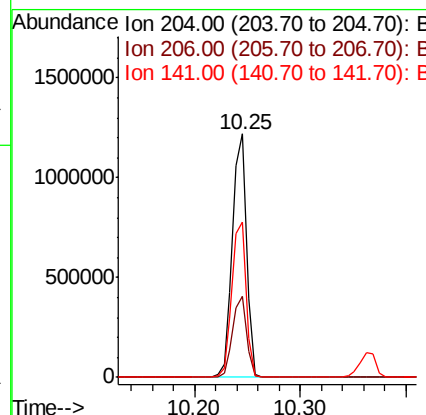
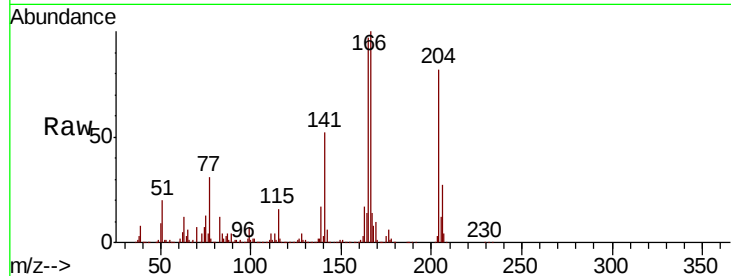
#61
4-Chlorophenyl-phenylether
Concen: 38.120 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion:204 Resp: 1133565
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 64.0 51.0 76.4

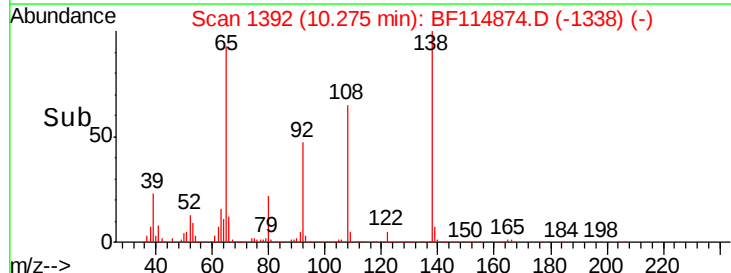
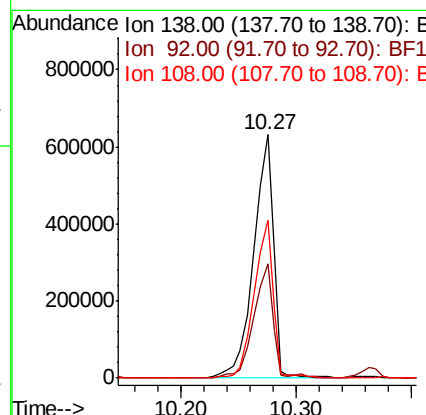
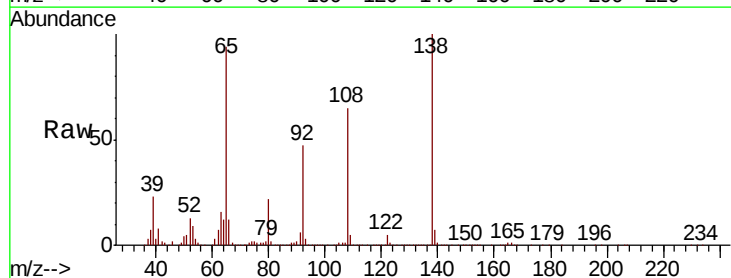
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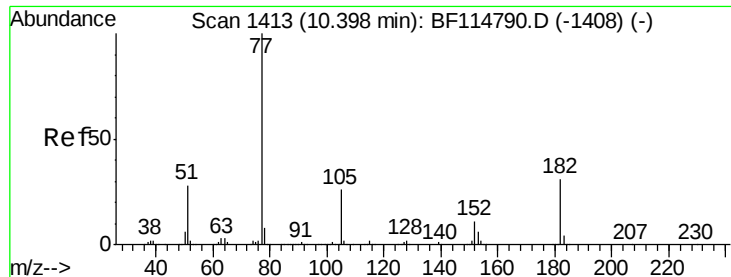
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#62
4-Nitroaniline
Concen: 41.764 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.02 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion:138 Resp: 758570
Ion Ratio Lower Upper
138 100
92 46.8 26.5 66.5
108 64.7 45.4 85.4





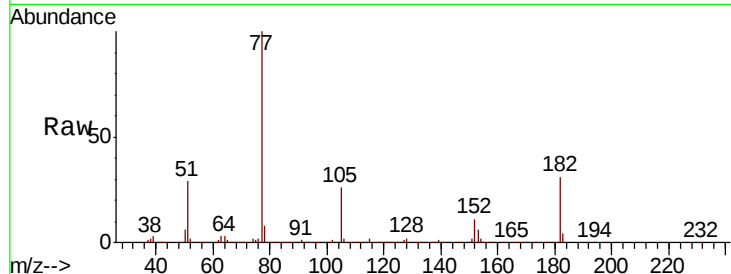
#63
Azobenzene
Concen: 45.279 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.6	11.2	51.2
105	25.9	5.7	45.7
51	28.6	8.0	48.0

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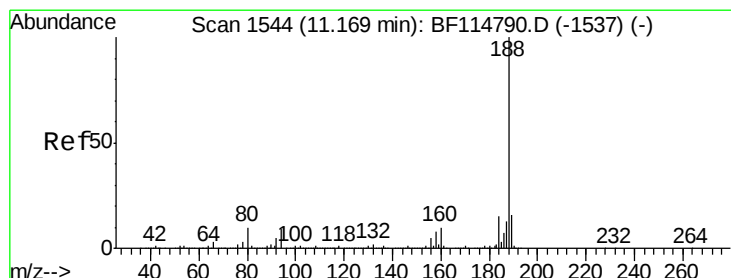
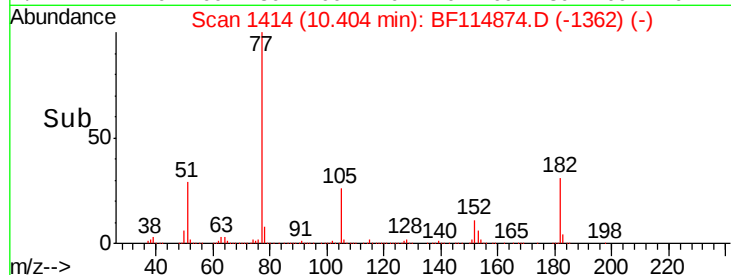
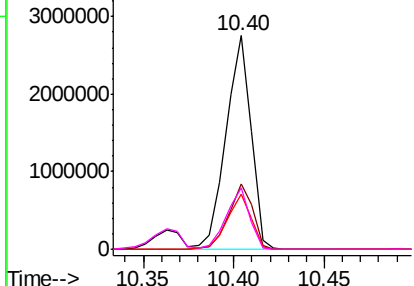
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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: BF114874.D
Acq: 6 Jun 2019 20:43

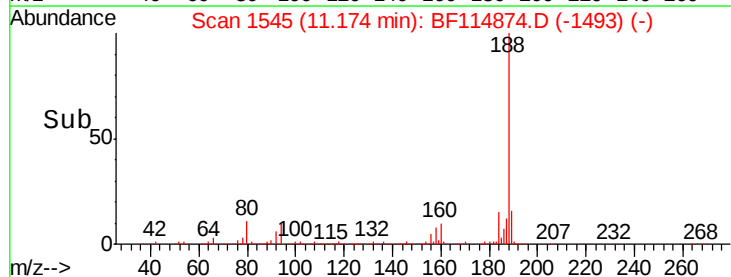
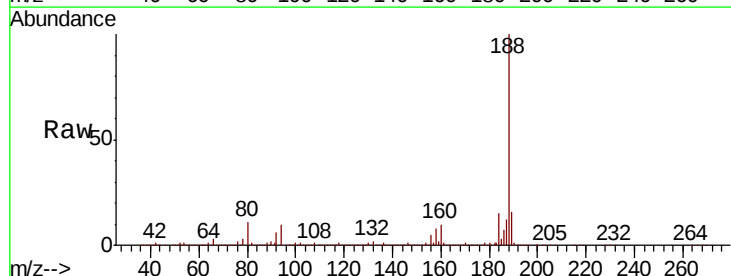
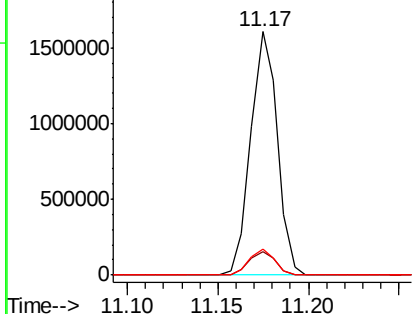
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.6	11.4
80	10.6	8.3	12.5

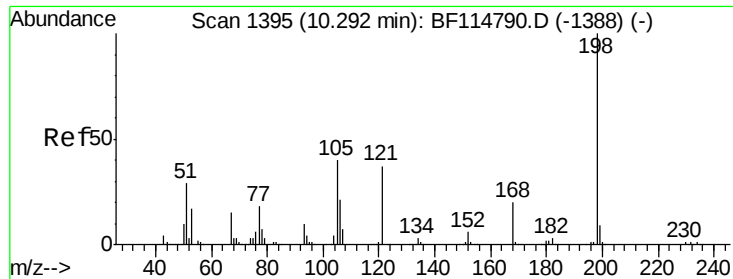
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





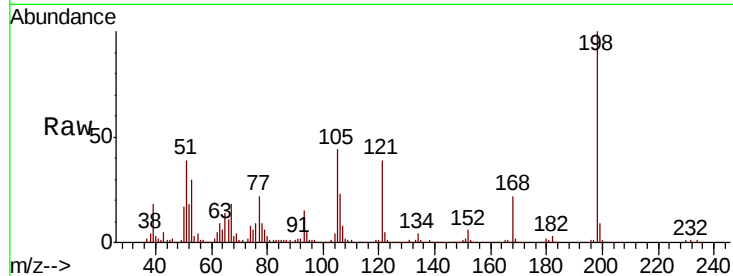
#65
4,6-Dinitro-2-methylphenol
Concen: 45.507 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.8	14.9	54.9
105	44.4	21.0	61.0

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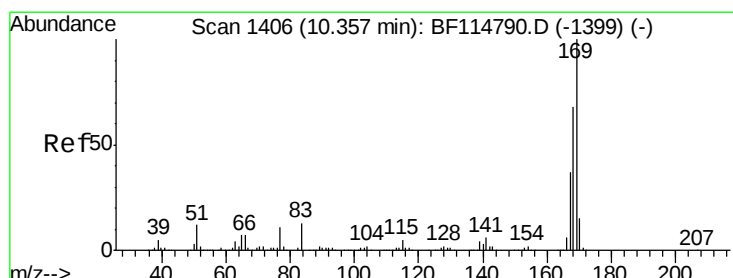
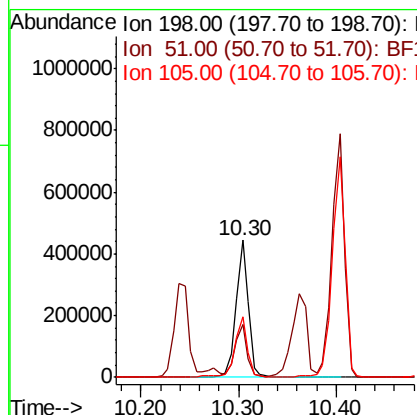
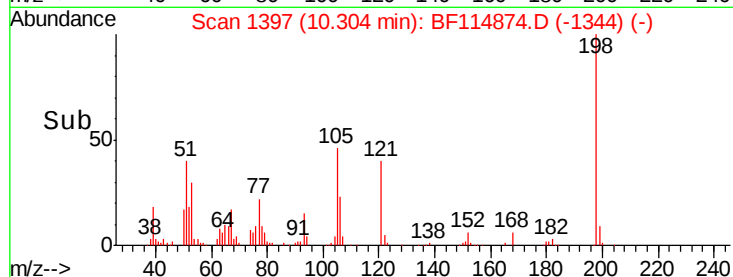


Abundance

Ion 198.00 (197.70 to 198.70): E

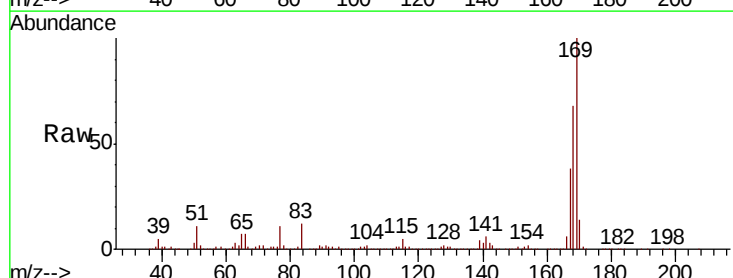
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 47.599 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	54.3	81.5
167	38.2	29.9	44.9

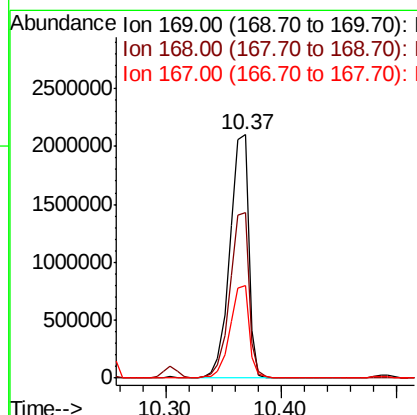
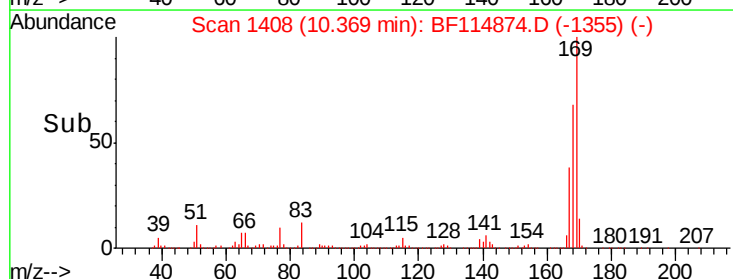


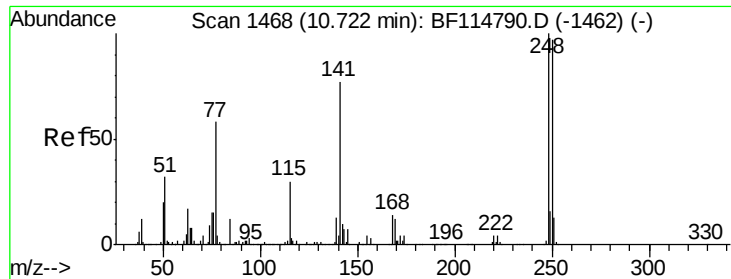
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





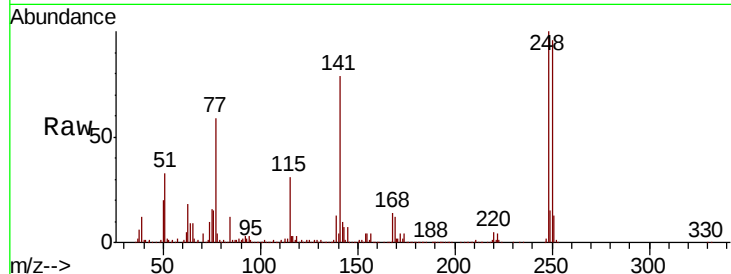
#67
4-Bromophenyl-phenylether
Concen: 45.012 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.5	116.3
141	78.8	61.8	92.8

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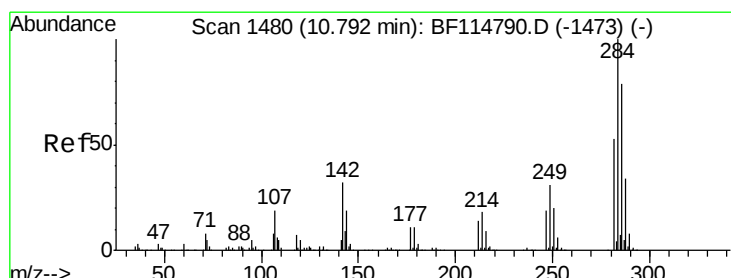
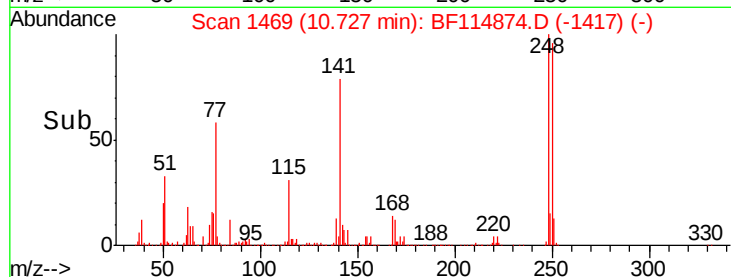
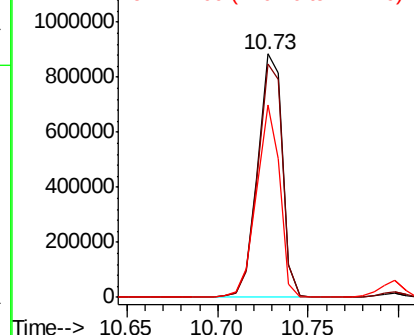


Abundance

Ion 248.00 (247.70 to 248.70): E

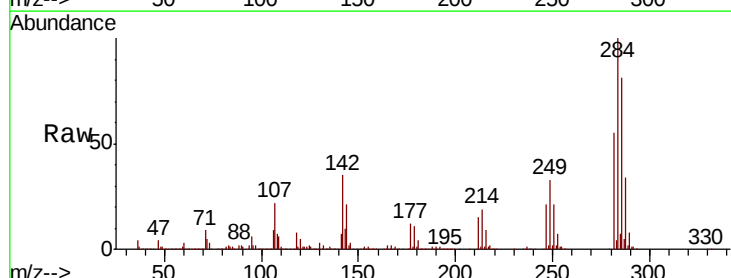
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.233 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	25.3	37.9
249	32.9	24.9	37.3

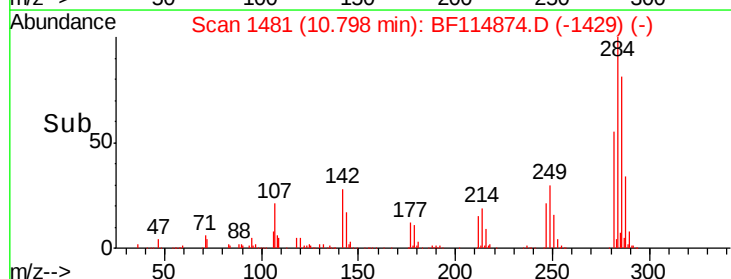
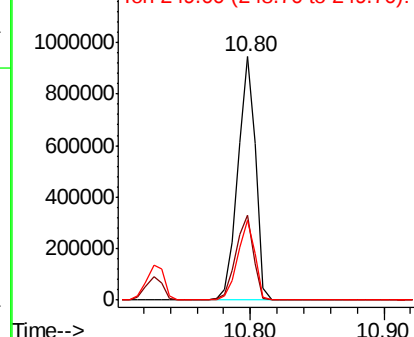


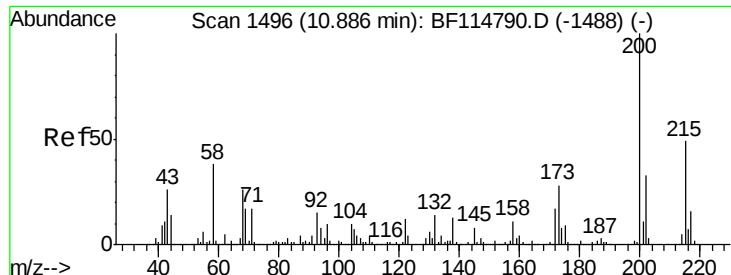
Abundance

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





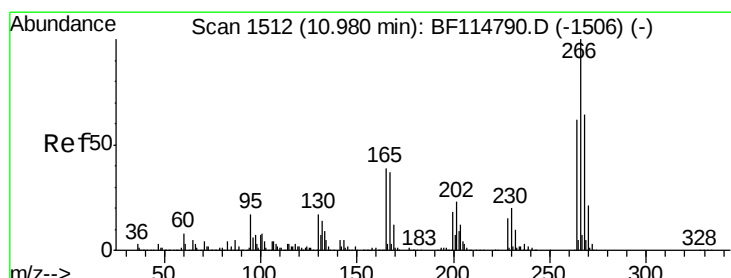
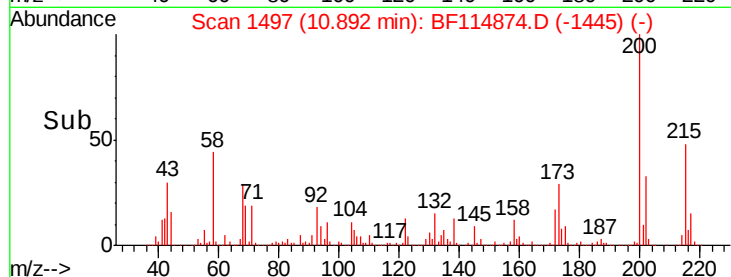
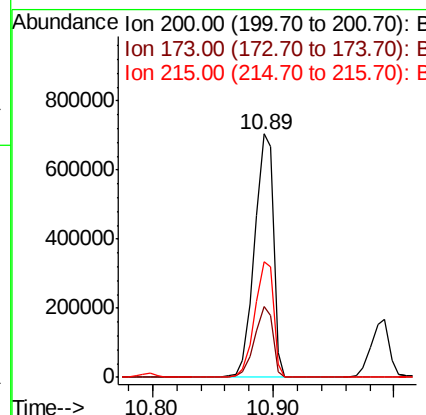
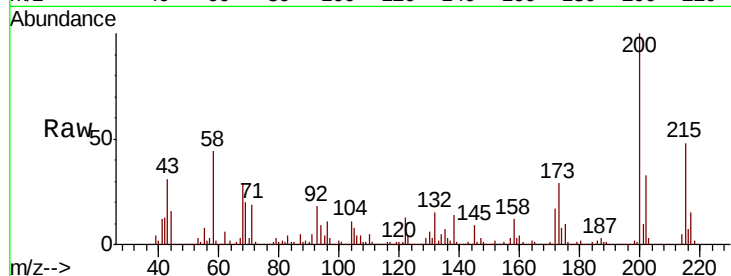
#69
Atrazine
Concen: 44.846 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.8	8.0	48.0
215	47.5	28.7	68.7

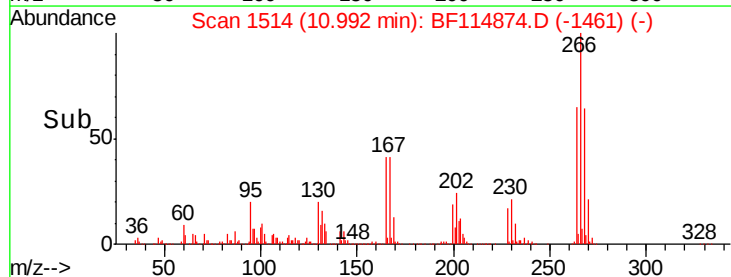
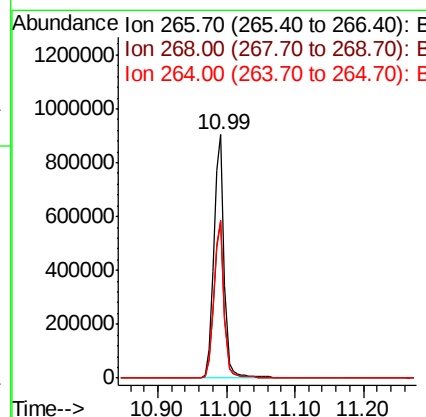
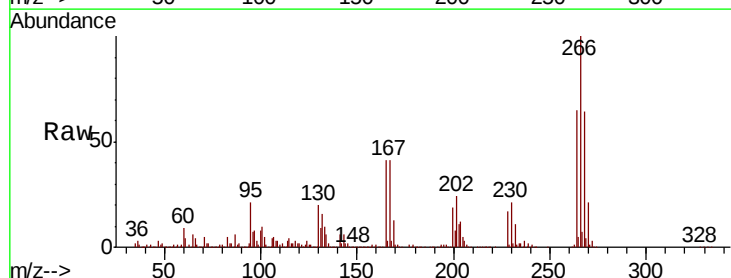
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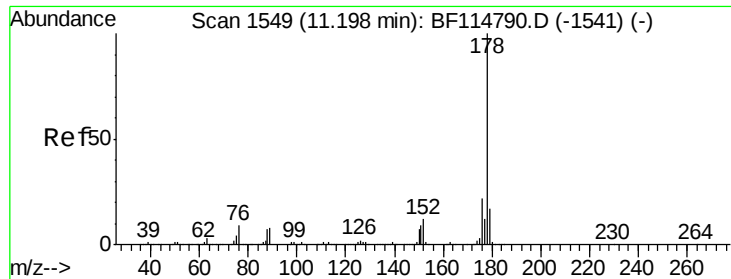
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#70
Pentachlorophenol
Concen: 81.488 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.4	51.0	76.6
264	64.7	49.6	74.4





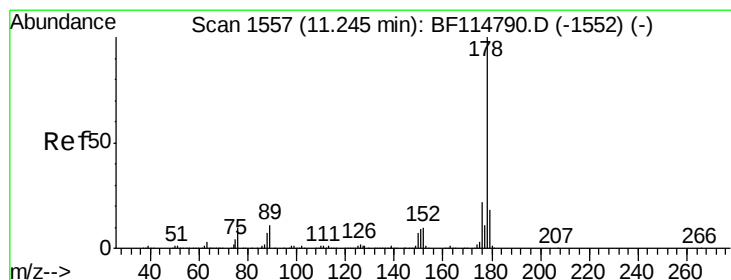
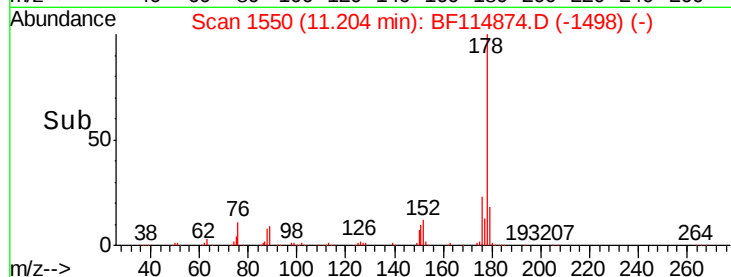
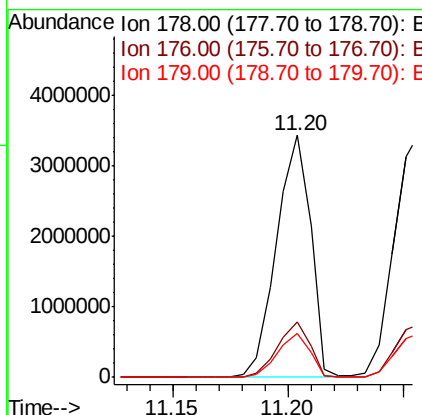
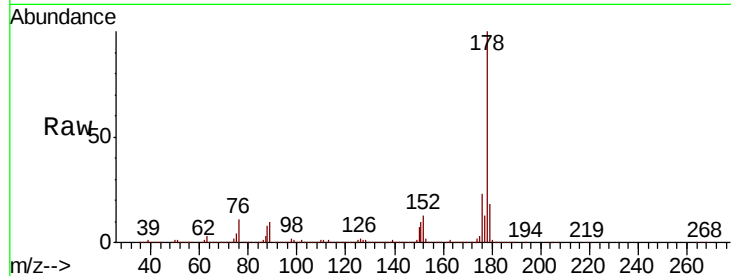
#71
Phenanthrene
Concen: 44.847 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion:178 Resp: 3517309
Ion Ratio Lower Upper
178 100
176 22.8 17.7 26.5
179 17.9 13.7 20.5

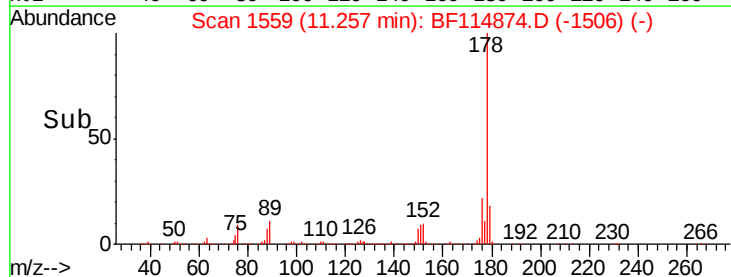
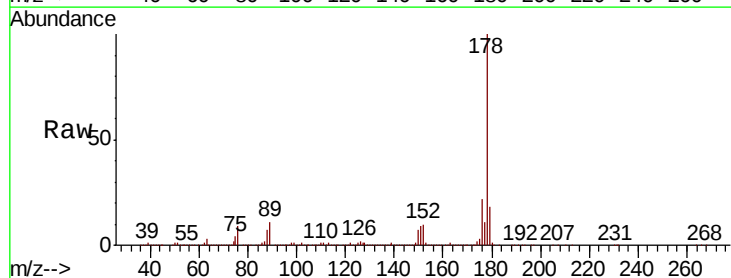
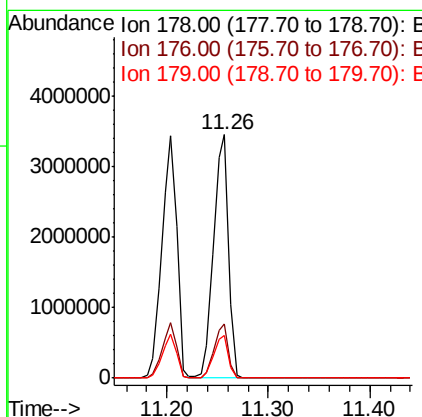
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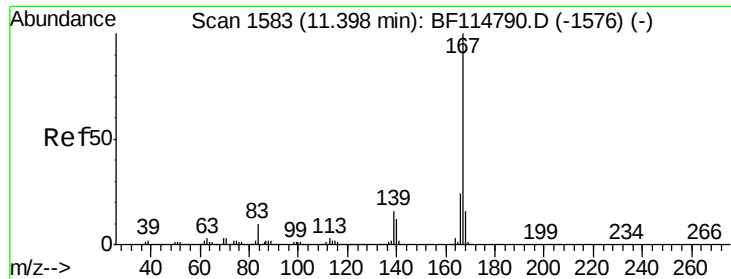
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#72
Anthracene
Concen: 42.775 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion:178 Resp: 3530621
Ion Ratio Lower Upper
178 100
176 22.2 17.4 26.0
179 17.7 14.2 21.4





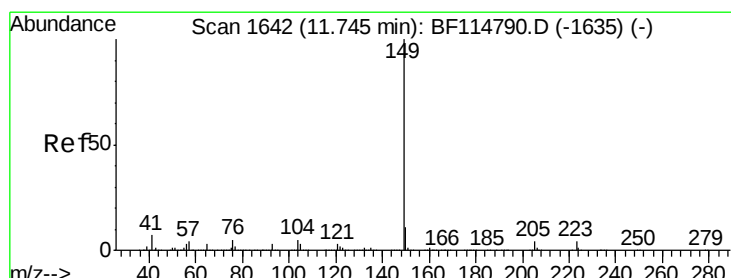
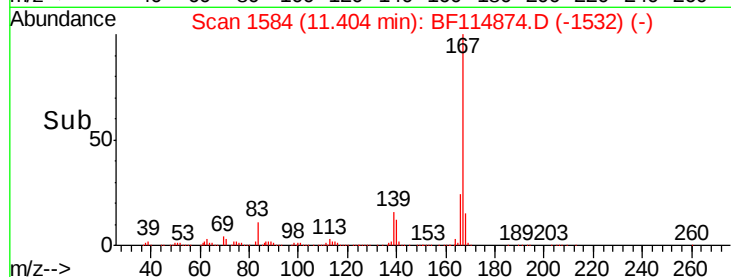
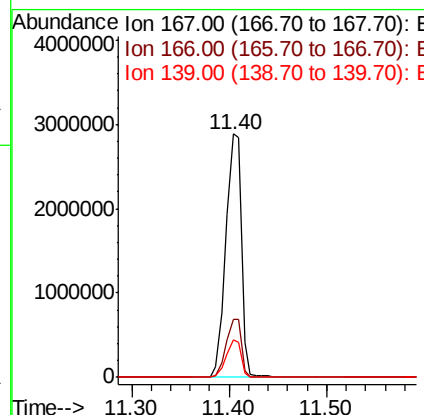
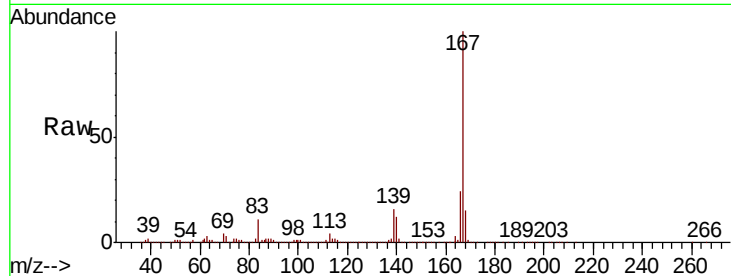
#73
 Carbazole
 Concen: 45.526 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF114874.D
 Acq: 6 Jun 2019 20:43

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.1	28.7
139	15.6	12.4	18.6

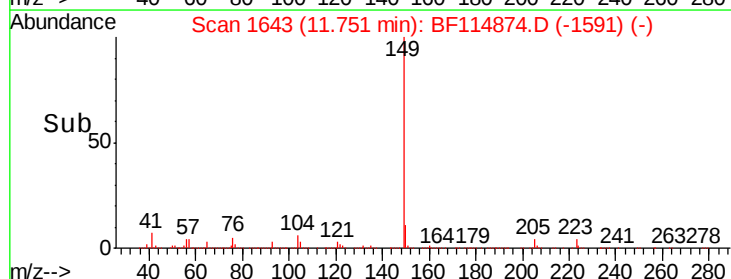
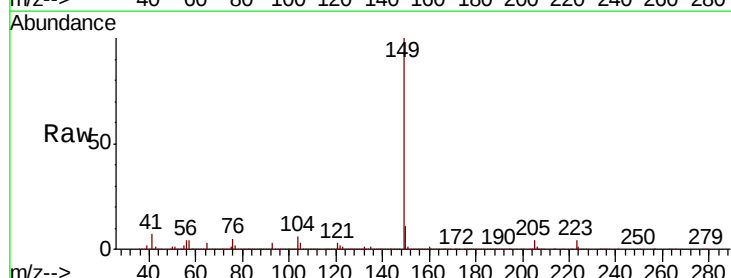
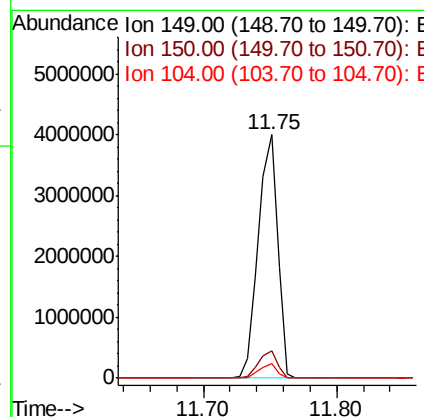
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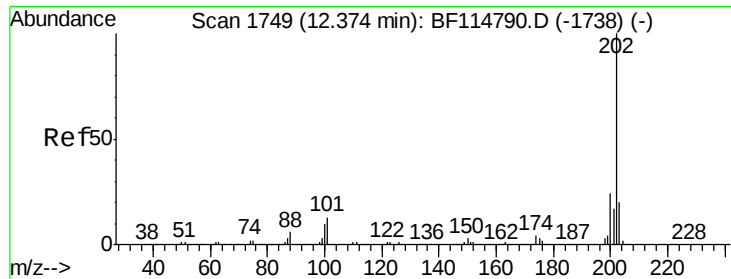
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.628 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.01 min
 Lab File: BF114874.D
 Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.4	8.9	13.3
104	5.7	4.3	6.5





#75

Fluoranthene

Concen: 43.716 ng

RT: 12.38 min Scan# 1750

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA_F

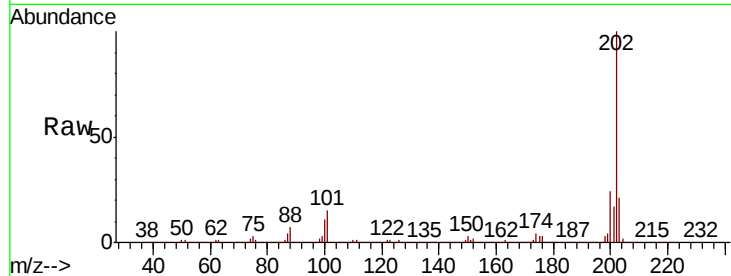
ClientSampleId :

RBR-200050MSD

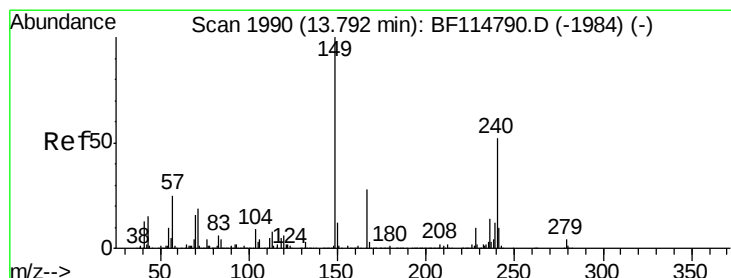
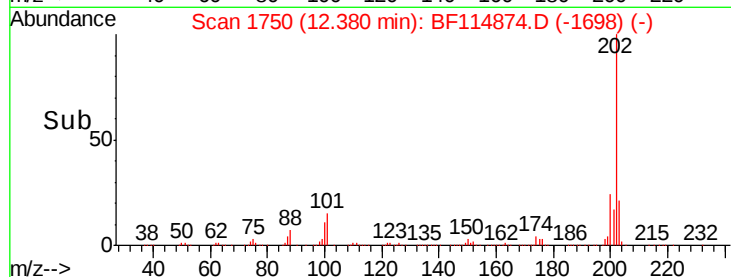
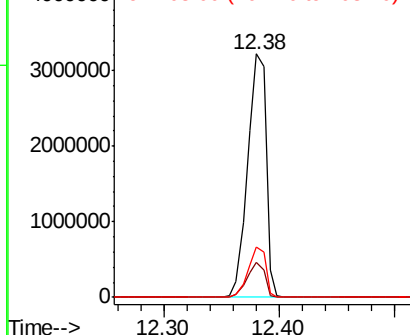
Tot Ion:	202	Resp:	3568490
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	32.8
203	20.6	0.2	40.2

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

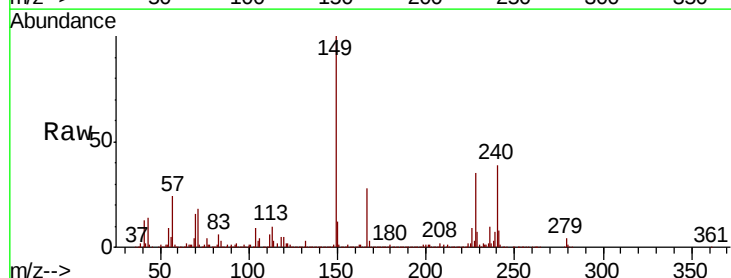
RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

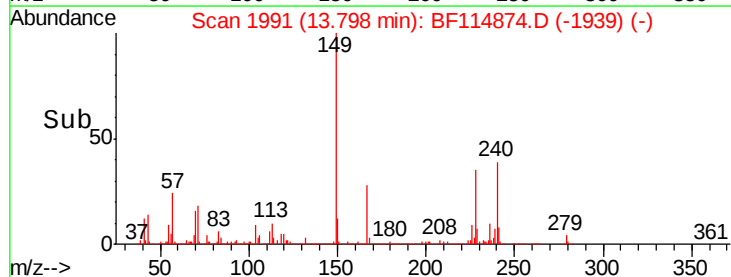
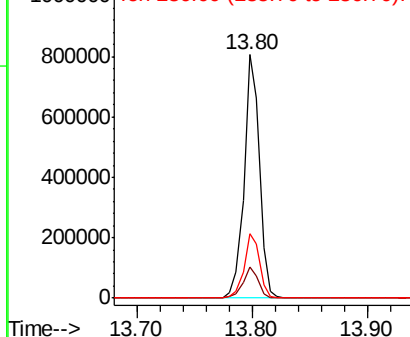
Lab File: BF114874.D

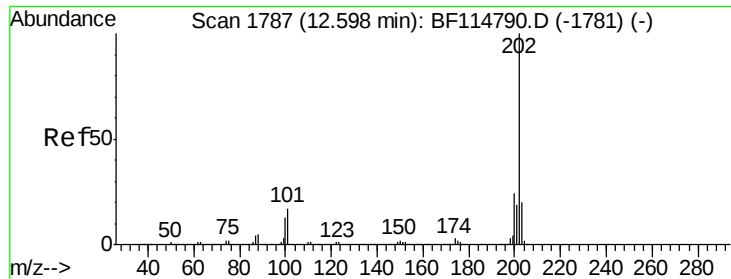
Acq: 6 Jun 2019 20:43

Tgt Ion:	240	Resp:	741735
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.0	13.4
236	26.4	21.4	32.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





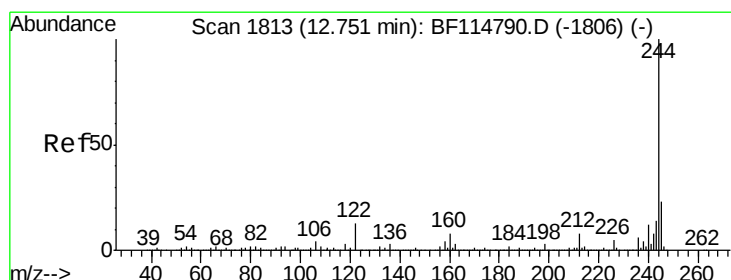
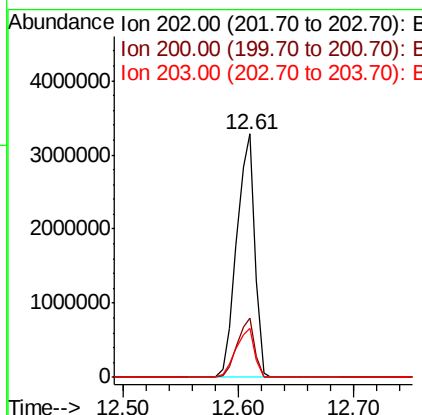
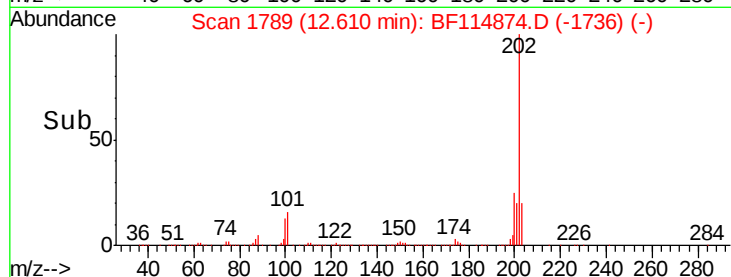
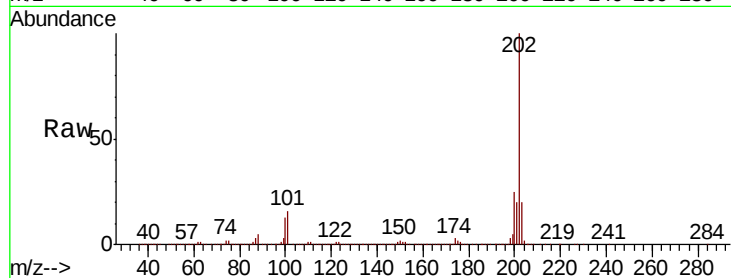
#78
Pvrene
Concen: 55.375 ng
RT: 12.61 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion:202 Resp: 3563200
Ion Ratio Lower Upper
202 100
200 24.6 19.2 28.8
203 19.9 15.9 23.9

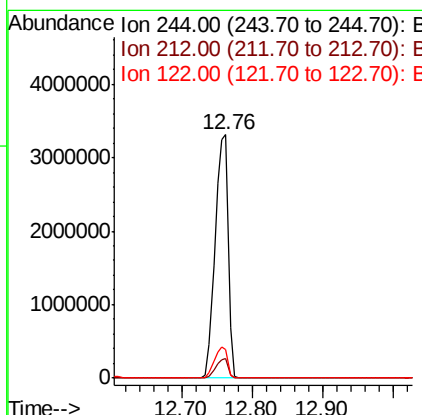
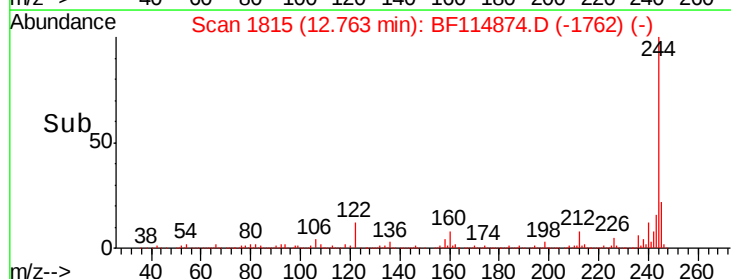
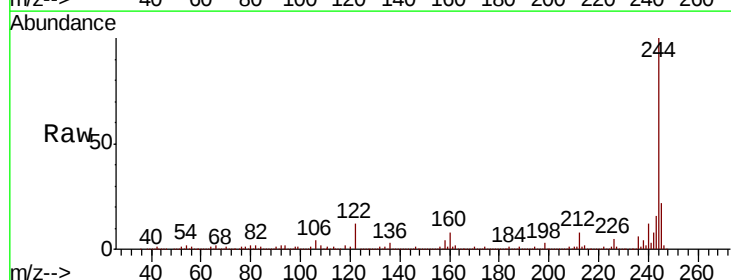
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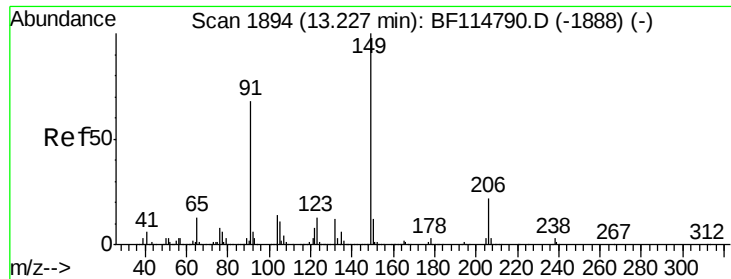
mohammad
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#79
Terphenyl-d14
Concen: 111.329 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion:244 Resp: 4246107
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 11.9 10.5 15.7





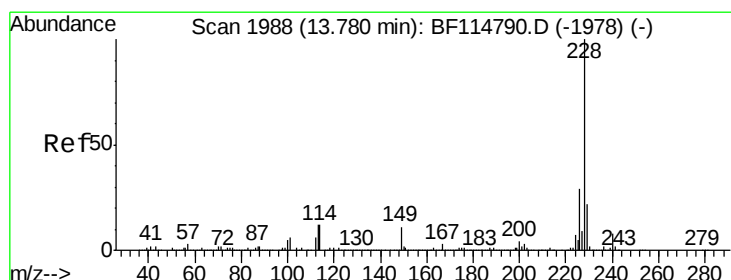
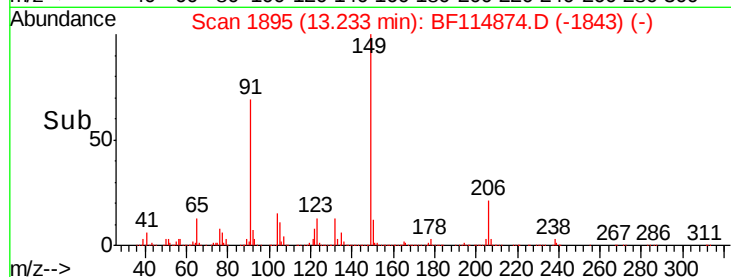
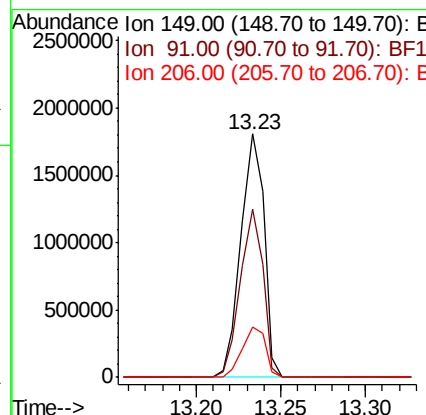
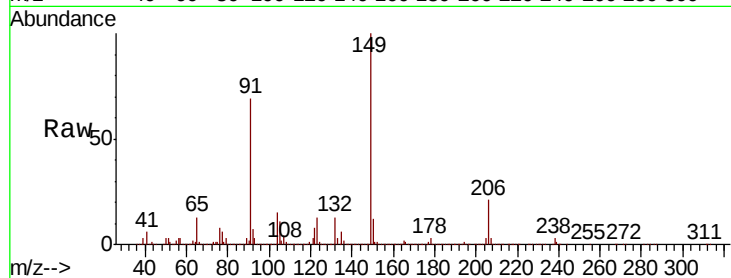
#80
Butylbenzylphthalate
Concen: 53.359 ng
RT: 13.23 min Scan# 1895
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.0	54.6	82.0
206	20.7	17.2	25.8

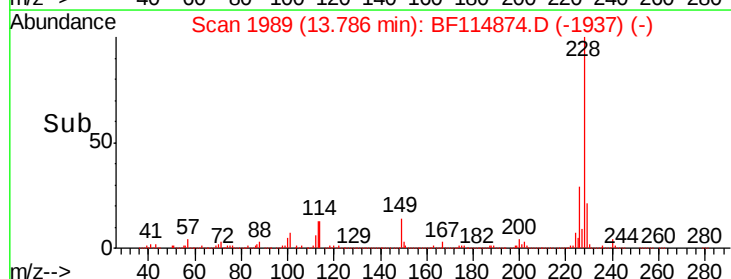
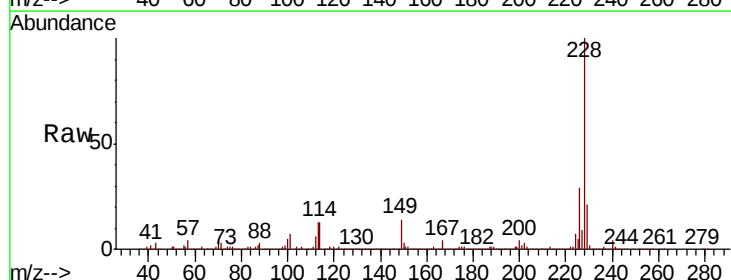
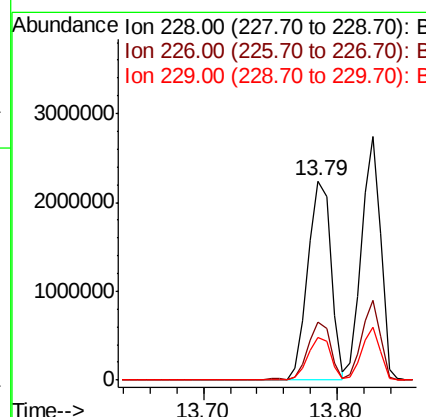
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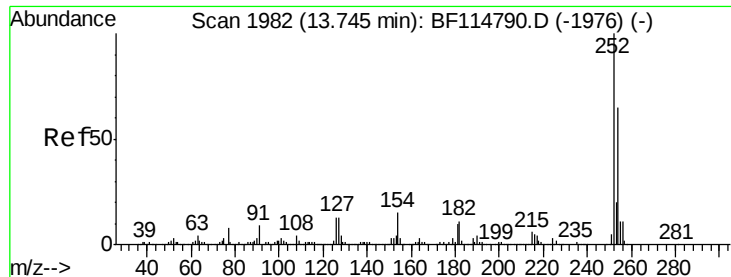
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#81
Benzo(a)anthracene
Concen: 46.468 ng
RT: 13.79 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	21.4	17.4	26.0





#82

3,3'-Dichlorobenzidine

Concen: 32.750 ng

RT: 13.76 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA_F

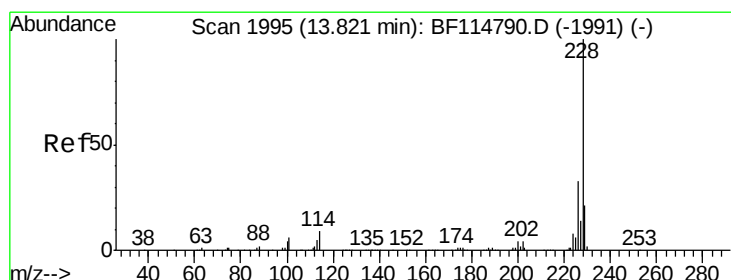
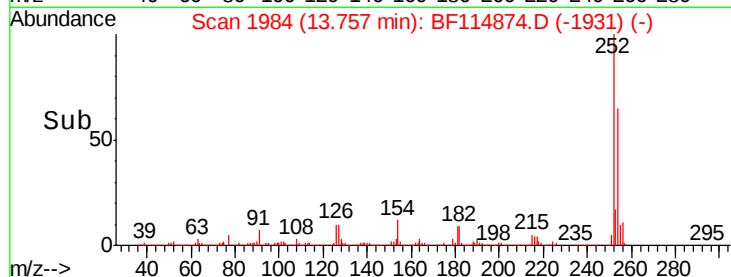
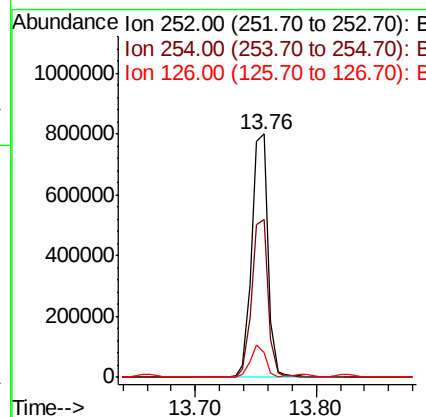
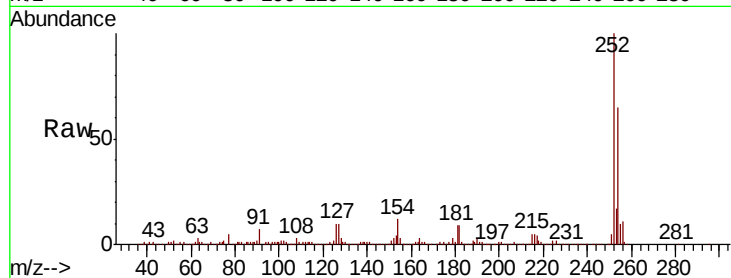
ClientSampleId :

RBR-200050MSD

Tot Ion:	252	Resp:	759053
Ion Ratio	Lower	Upper	
252	100		
254	64.8	51.9	77.9
126	10.4	10.5	15.7#

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#83

Chrysene

Concen: 49.290 ng

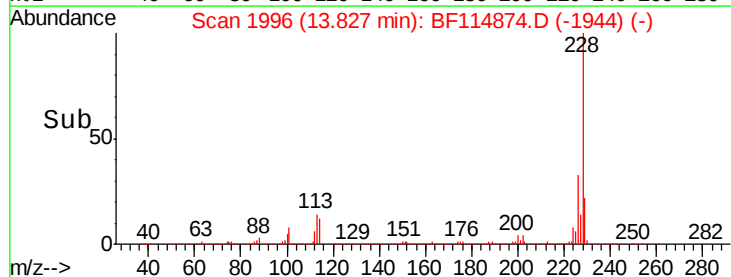
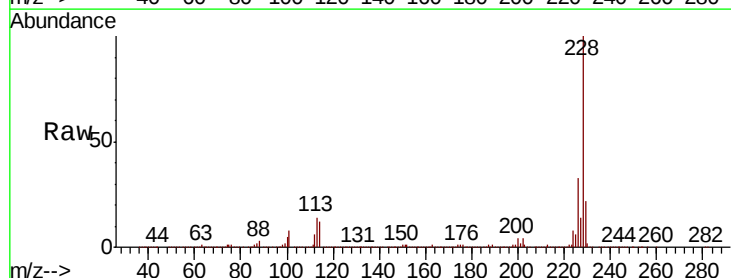
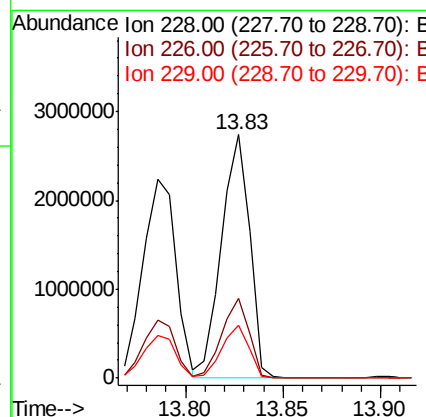
RT: 13.83 min Scan# 1996

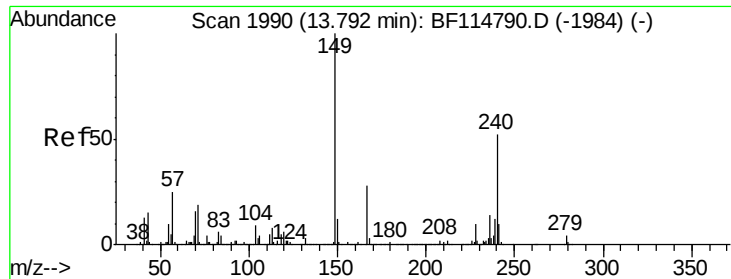
Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Tgt Ion:	228	Resp:	2740704
Ion Ratio	Lower	Upper	
228	100		
226	32.8	26.0	39.0
229	21.8	17.1	25.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 51.399 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

Tot Ion:149 Resp: 2111862

Ion Ratio Lower Upper

149 100

167 27.6 22.7 34.1

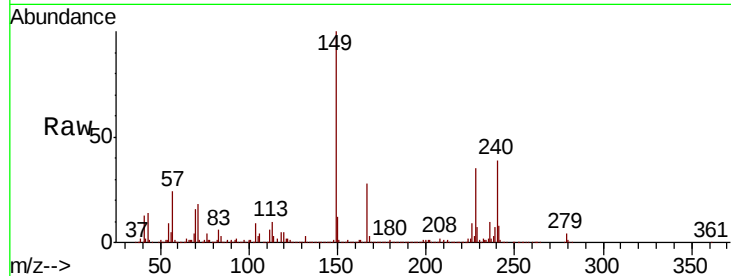
279 4.0 3.1 4.7

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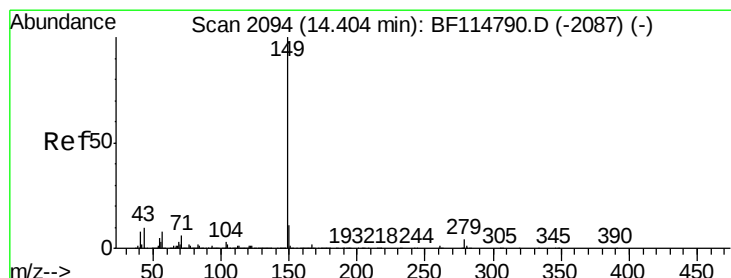
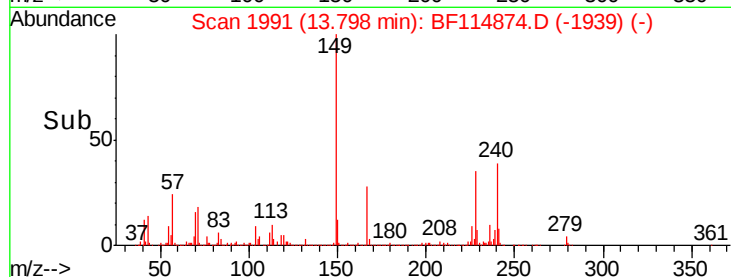
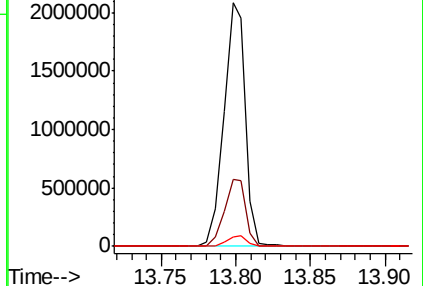
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 50.868 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Tgt Ion:149 Resp: 3551388

Ion Ratio Lower Upper

149 100

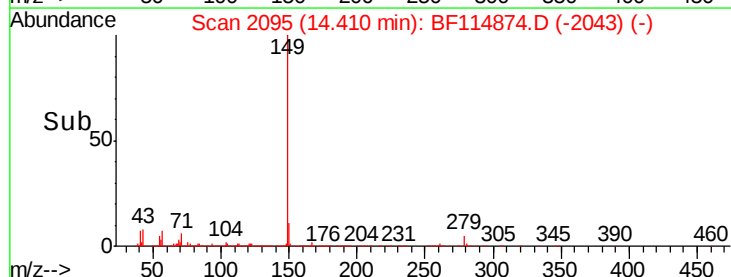
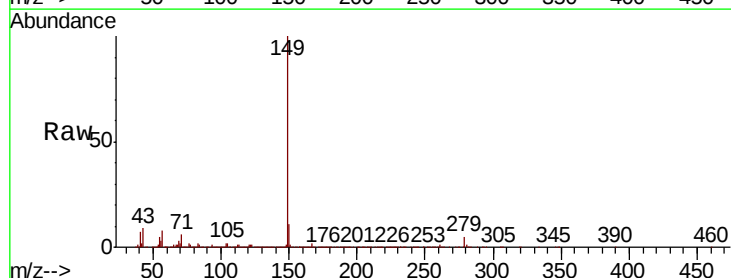
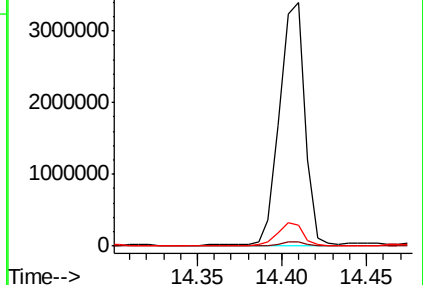
167 1.7 1.4 2.0

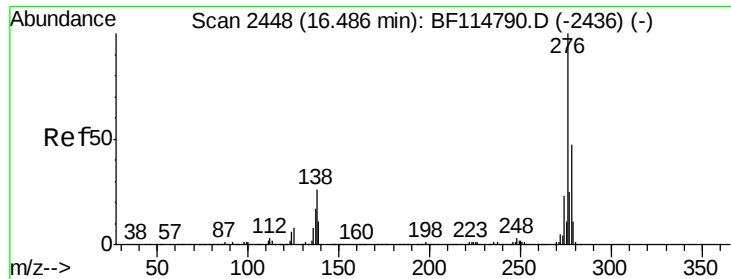
43 8.9 7.0 10.6

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





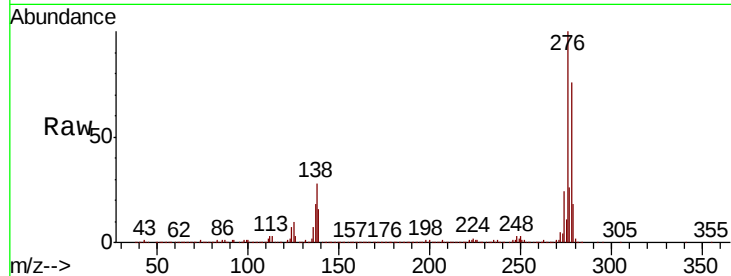
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.392 ng
RT: 16.50 min Scan# 2451
Delta R.T. 0.02 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	22.2	33.4
277	25.7	20.6	30.8

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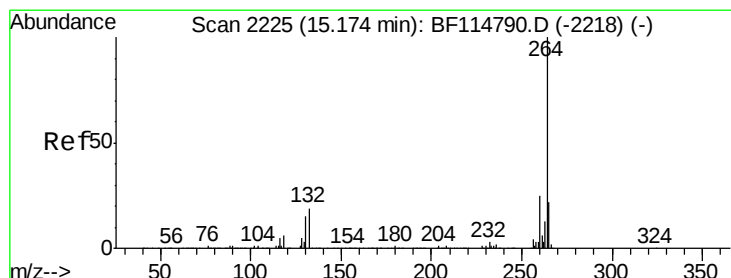
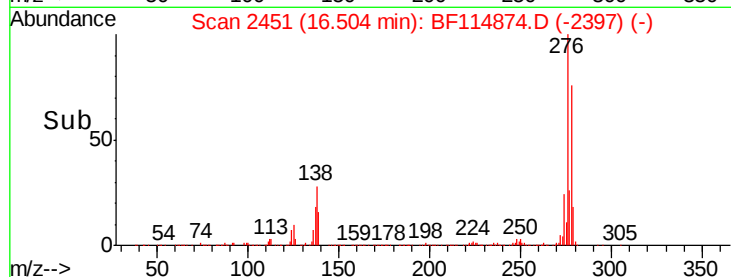
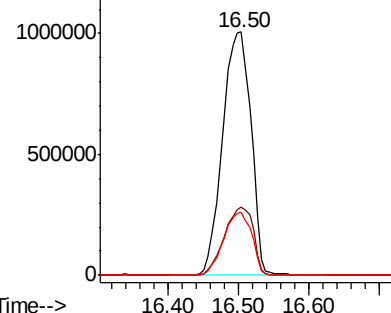


Abundance

Ion 276.00 (275.70 to 276.70): E

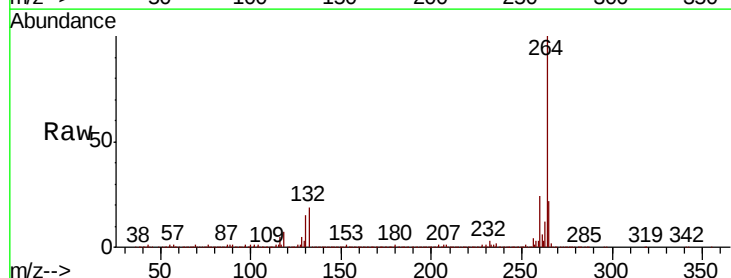
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	21.8	17.7	26.5

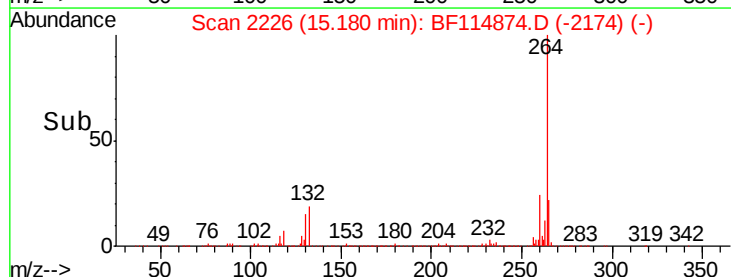
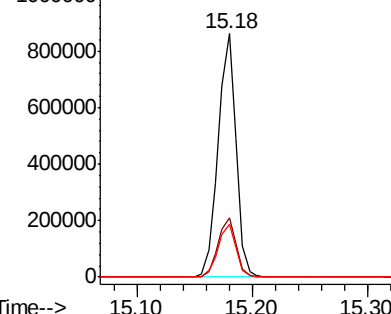


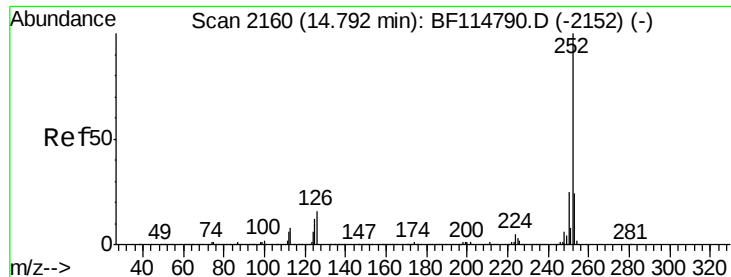
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





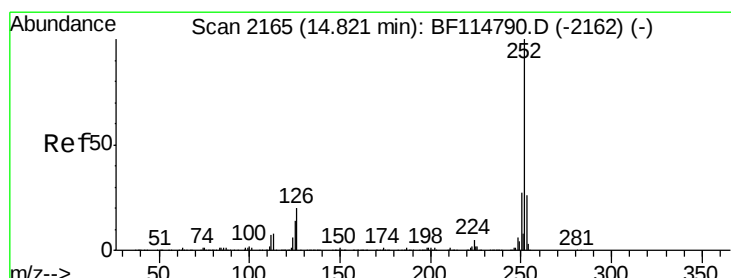
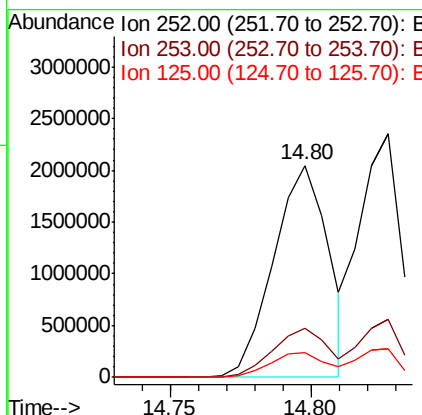
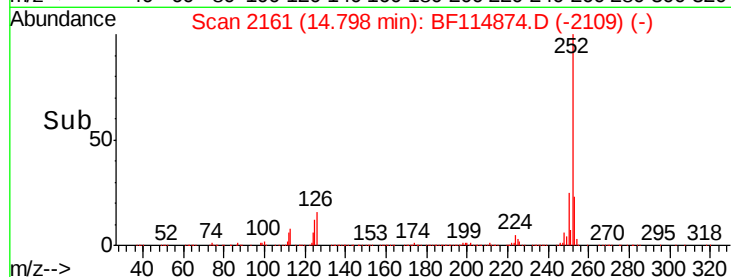
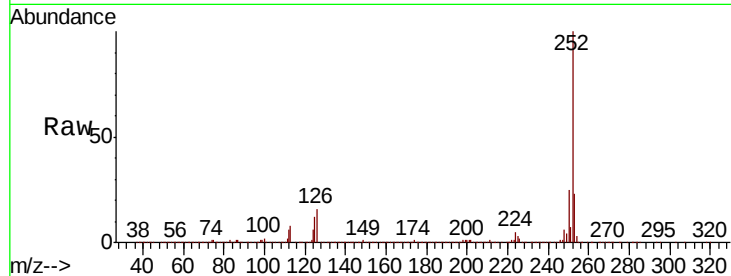
#88
Benzo(b)fluoranthene
Concen: 46.790 ng
RT: 14.80 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Tot Ion:252 Resp: 2759403
Ion Ratio Lower Upper
252 100
253 23.3 19.0 28.6
125 11.9 9.4 14.0

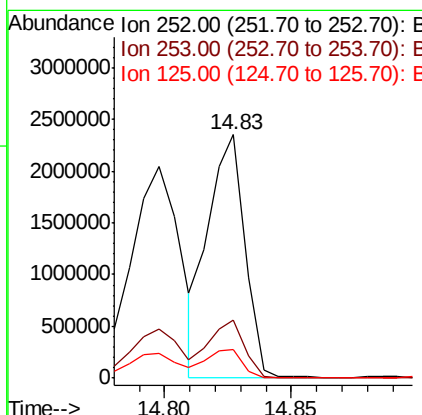
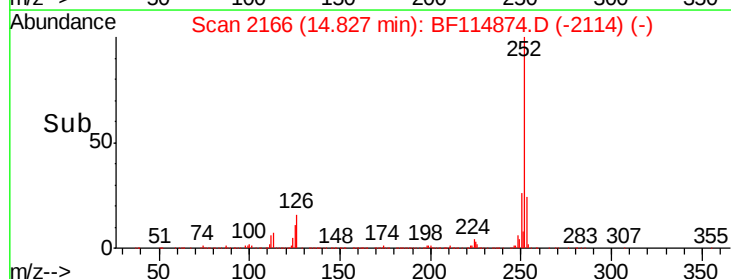
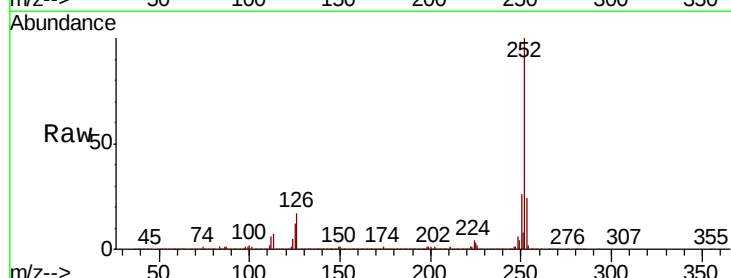
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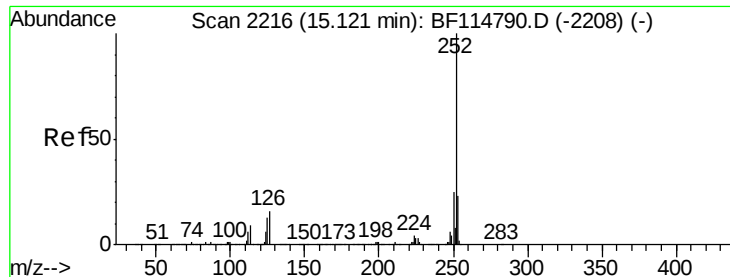
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#89
Benzo(k)fluoranthene
Concen: 47.231 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF114874.D
Acq: 6 Jun 2019 20:43

Tgt Ion:252 Resp: 2365453
Ion Ratio Lower Upper
252 100
253 24.1 19.3 28.9
125 11.6 10.1 15.1





#90

Benzo(a)pyrene

Concen: 48.838 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

Instrument :

BNA_F

ClientSampleId :

RBR-200050MSD

Tot Ion:252 Resp: 2492943

Ion Ratio Lower Upper

252 100

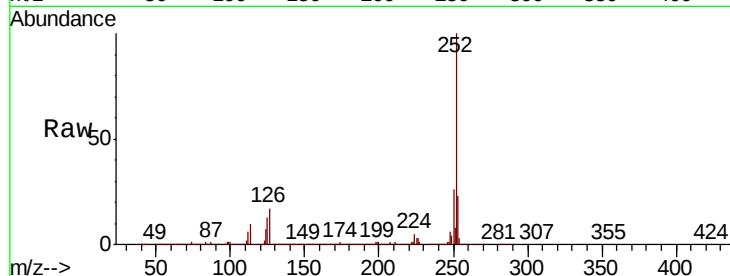
253 23.4 18.5 27.7

125 13.2 10.1 15.1

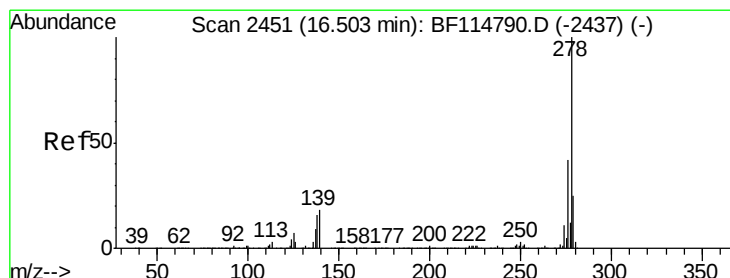
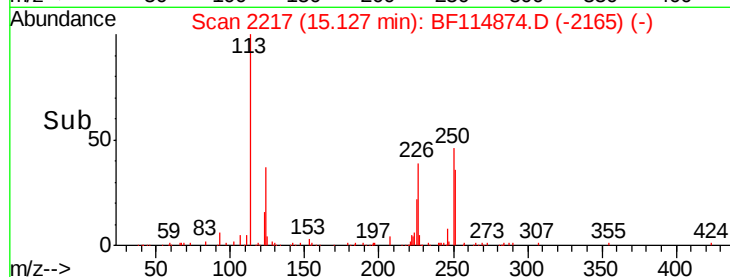
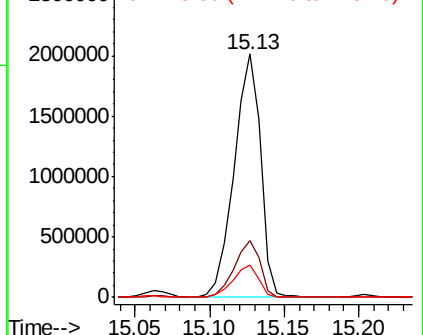
Manual Integrations
APPROVED

mohammad

6/7/2019 2:11:42 PM



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: 47.519 ng

RT: 16.52 min Scan# 2453

Delta R.T. 0.01 min

Lab File: BF114874.D

Acq: 6 Jun 2019 20:43

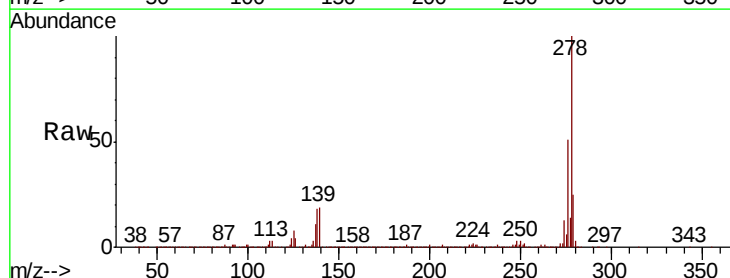
Tgt Ion:278 Resp: 2297092

Ion Ratio Lower Upper

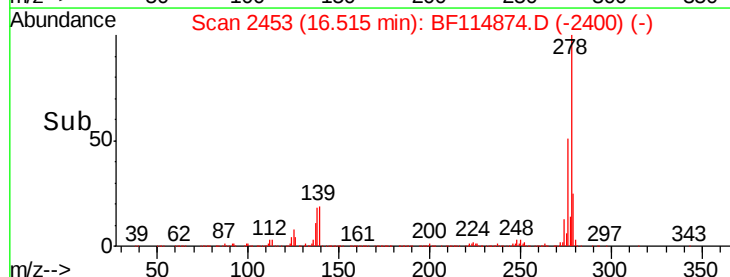
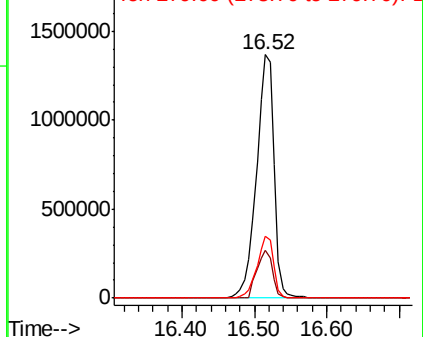
278 100

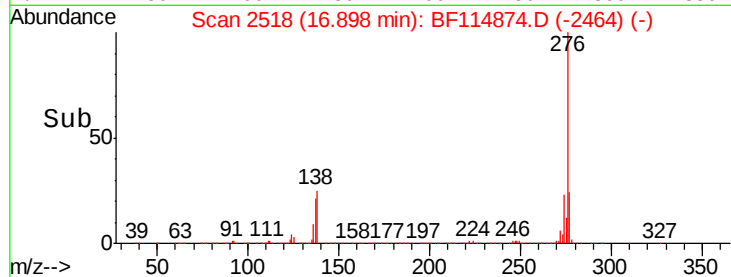
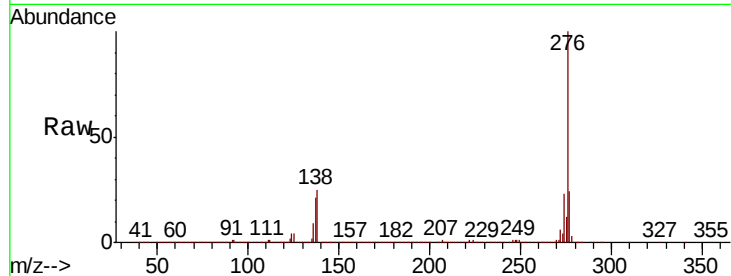
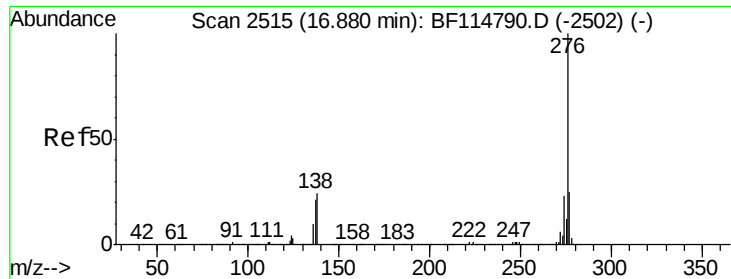
139 19.4 14.6 22.0

279 25.5 20.1 30.1



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(a,h,i)perylene
 Concen: 48.304 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. 0.02 min
 Lab File: BF114874.D
 Acq: 6 Jun 2019 20:43

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200050MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.6
138	24.8	19.4	29.2

Manual Integrations
 APPROVED

mohammad
 6/7/2019 2:11:42 PM

