

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114487.D
 Acq On : 22 May 2019 15:51
 Operator : JU/SJ
 Sample : PB119674BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119674BS

Manual Integrations
 APPROVED

mohammad
 5/23/2019 4:07:52 AM

Quant Time: May 22 16:57:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	226465	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	905538	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	444101	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	887885	20.00	ng	0.00
76) Chrysene-d12	14.00	240	617120	20.00	ng	0.00
87) Perylene-d12	15.47	264	633908	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1431546	101.73	ng	0.00
7) Phenol-d6	6.48	99	1827864	109.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	1293719	80.18	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	468513	102.04	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2302806	78.44	ng	0.00
79) Terphenyl-d14	12.94	244	2323297	77.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	228123	29.492	ng	98
3) Pyridine	3.44	79	590449	27.705	ng	100
4) n-Nitrosodimethylamine	3.39	42	314525	30.604	ng	98
6) Aniline	6.49	93	536668	22.321	ng	# 1
8) 2-Chlorophenol	6.62	128	558520	37.177	ng	97
9) Benzaldehyde	6.38	77	301498	25.875	ng	99
10) Phenol	6.49	94	675506	34.500	ng	90
11) bis(2-Chloroethyl)ether	6.56	93	543041	36.532	ng	99
12) 1,3-Dichlorobenzene	6.77	146	585822	34.739	ng	98
13) 1,4-Dichlorobenzene	6.85	146	595769	35.059	ng	98
14) 1,2-Dichlorobenzene	7.00	146	540403	34.808	ng	99
15) Benzyl Alcohol	6.98	79	434100	33.440	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	982044	34.073	ng	74
17) 2-Methylphenol	7.09	107	456272	36.972	ng	# 92
18) Hexachloroethane	7.34	117	221651	34.749	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	388197	36.796	ng	98
20) 3+4-Methylphenols	7.25	107	583413	40.917	ng	# 62
22) Acetophenone	7.24	105	752058	37.489	ng	92
24) Nitrobenzene	7.42	77	590754	35.946	ng	94
25) Isophorone	7.65	82	1090162	36.429	ng	99
26) 2-Nitrophenol	7.73	139	310686	38.966	ng	96
27) 2,4-Dimethylphenol	7.77	122	504295	40.270	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	698590	35.979	ng	98
29) 2,4-Dichlorophenol	7.98	162	472755	37.912	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	501283	35.352	ng	99
31) Naphthalene	8.13	128	1594053	37.685	ng	98
32) Benzoic acid	7.93	122	284109	34.185	ng	96
33) 4-Chloroaniline	8.19	127	412453	21.398	ng	98
34) Hexachlorobutadiene	8.25	225	275846	34.190	ng	97
35) Caprolactam	8.56	113	160080m	39.370	ng	
36) 4-Chloro-3-methylphenol	8.69	107	502973	40.072	ng	98
37) 2-Methylnaphthalene	8.83	142	1082068	39.649	ng	99
38) 1-Methylnaphthalene	8.93	142	1023968	39.842	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	487216	36.217	ng	99

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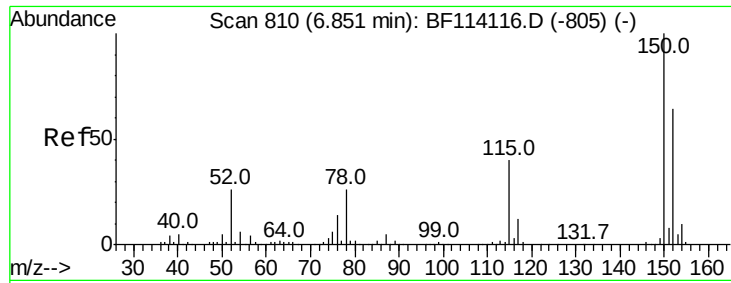
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	289004	47.944	nq	98
43) 2,4,6-Trichlorophenol	9.11	196	311123	33.623	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	324143	34.158	nq	98
46) 1,1'-Biphenyl	9.29	154	1327788	37.009	nq	98
47) 2-Chloronaphthalene	9.32	162	1008171	34.917	nq	99
48) 2-Nitroaniline	9.42	65	350357	34.215	nq	98
49) Acenaphthylene	9.73	152	1603183	36.506	nq	98
50) Dimethylphthalate	9.59	163	1162087	35.646	nq	100
51) 2,6-Dinitrotoluene	9.66	165	263421	36.430	nq	97
52) Acenaphthene	9.90	154	934460	34.676	nq	98
53) 3-Nitroaniline	9.83	138	191537	21.339	nq	100
54) 2,4-Dinitrophenol	9.95	184	242072	67.709	nq	97
55) Dibenzofuran	10.07	168	1358738	34.385	nq	100
56) 4-Nitrophenol	10.01	139	282681	44.532	nq	97
57) 2,4-Dinitrotoluene	10.07	165	329144	33.537	nq	# 83
58) Fluorene	10.42	166	1113054	36.467	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	281595	34.391	nq	98
60) Diethylphthalate	10.29	149	1173270	35.420	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	538171	35.899	nq	98
62) 4-Nitroaniline	10.45	138	299966	31.802	nq	96
63) Azobenzene	10.57	77	1137125	35.465	nq	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	158496	37.150	nq	90
66) n-Nitrosodiphenylamine	10.53	169	989294	36.712	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	337535	34.527	nq	96
68) Hexachlorobenzene	10.97	284	366517	33.890	nq	94
69) Atrazine	11.06	200	300806	35.870	nq	99
70) Pentachlorophenol	11.17	266	292321	57.019	nq	99
71) Phenanthrene	11.38	178	1566116	36.255	nq	99
72) Anthracene	11.43	178	1645315	37.922	nq	99
73) Carbazole	11.59	167	1544967	37.342	nq	98
74) Di-n-butylphthalate	11.91	149	1803074	37.827	nq	99
75) Fluoranthene	12.57	202	1691658	36.366	nq	99
77) Benzidine	12.69	184	846399	30.554	nq	97
78) Pyrene	12.80	202	1719701	34.640	nq	99
80) Butylbenzylphthalate	13.40	149	782643	37.455	nq	97
81) Benzo(a)anthracene	13.99	228	1443147	36.156	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	396112	25.582	nq	99
83) Chrysene	14.03	228	1419284	36.273	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1046511	38.293	nq	100
85) Di-n-octyl phthalate	14.58	149	1735616	39.177	nq	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1251212	36.182	nq	100
88) Benzo(b)fluoranthene	15.05	252	1471683	36.238	nq	99
89) Benzo(k)fluoranthene	15.07	252	1300000	34.847	nq	99
90) Benzo(a)pyrene	15.42	252	1333101	37.298	nq	98
91) Dibenzo(a,h)anthracene	16.96	278	1053582	35.474	nq	100
92) Benzo(g,h,i)perylene	17.40	276	1059119	35.584	nq	99

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



#1

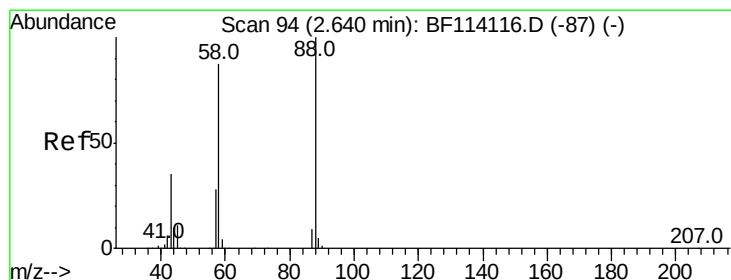
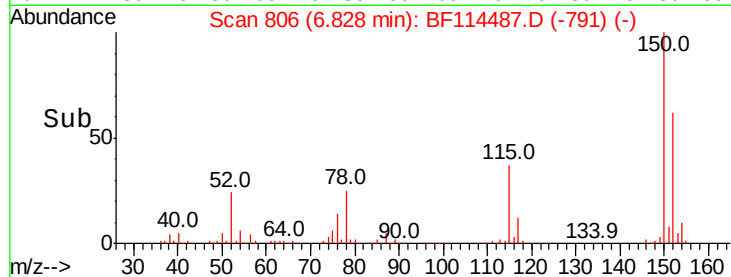
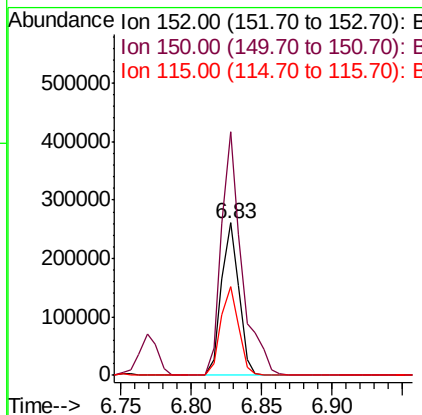
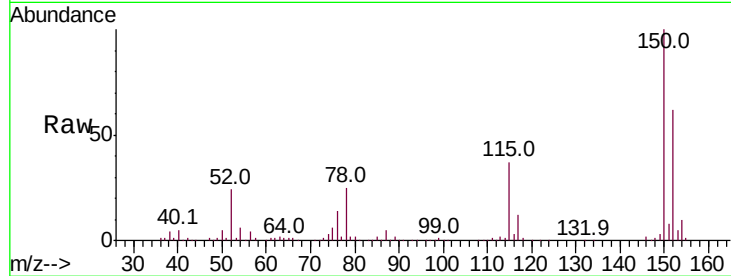
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampleID :
PB119674BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.3	186.5
115	58.5	49.1	73.7

Manual Integrations
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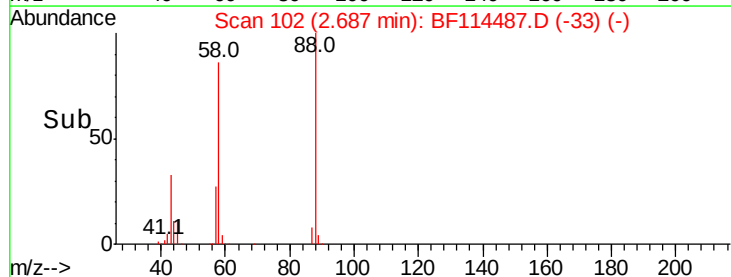
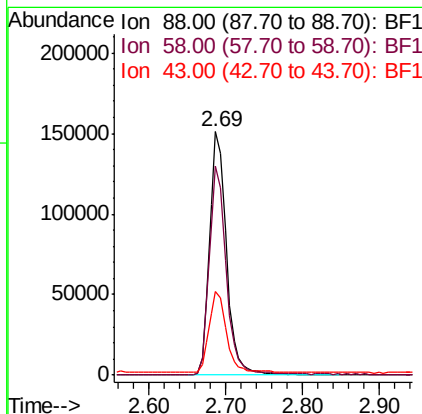
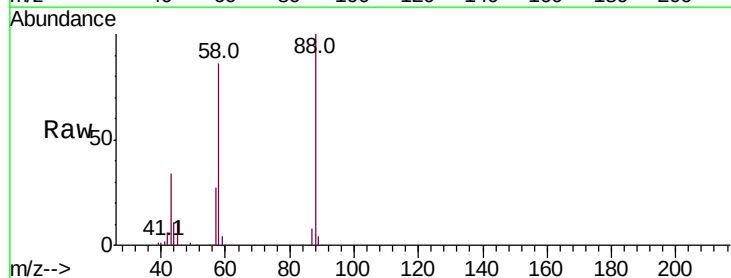
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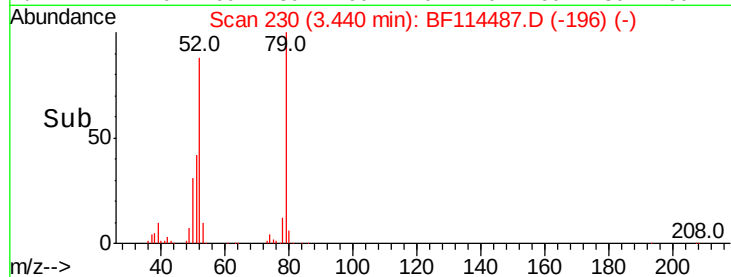
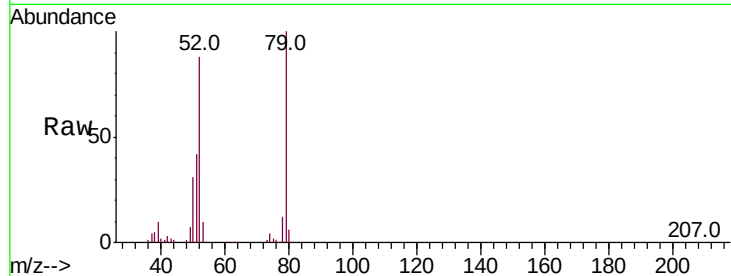
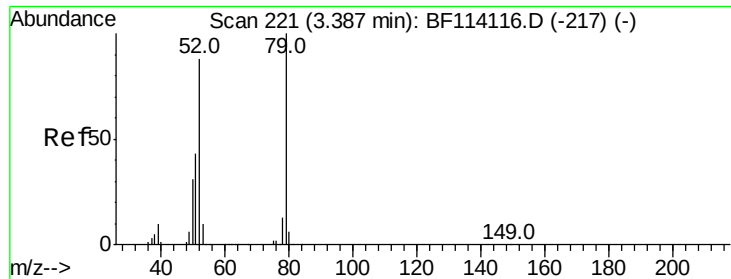


#2

1,4-Dioxane
Concen: 29.492 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.11 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	68.7	103.1
43	33.9	28.2	42.2





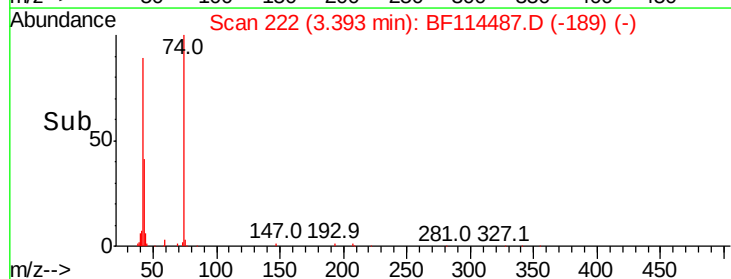
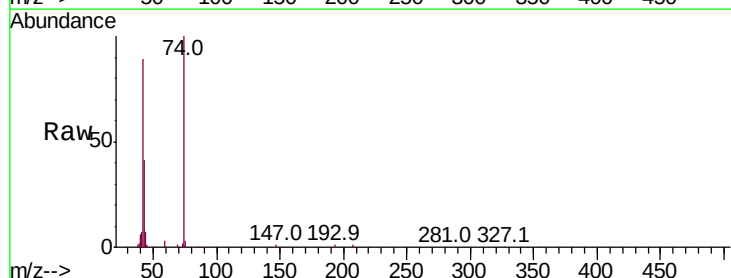
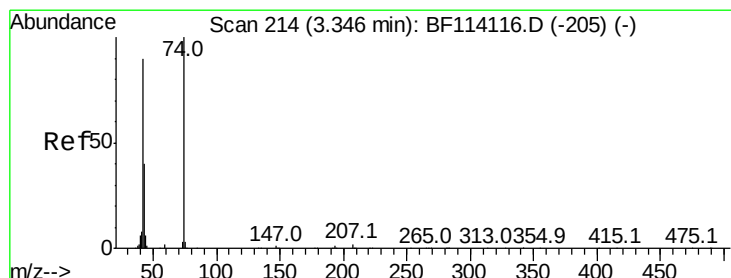
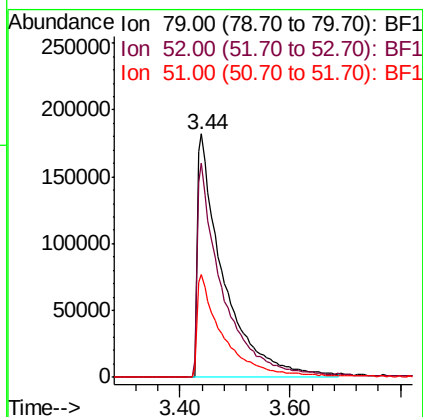
#3
Pvridine
Concen: 27.705 ng
RT: 3.44 min Scan# 230
Delta R.T. 0.10 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tot Ion	Ratio	Lower	Upper
79	100		
52	87.9	70.6	105.8
51	42.2	34.2	51.2

Instrument :
BNA_F
ClientSampleId :
PB119674BS

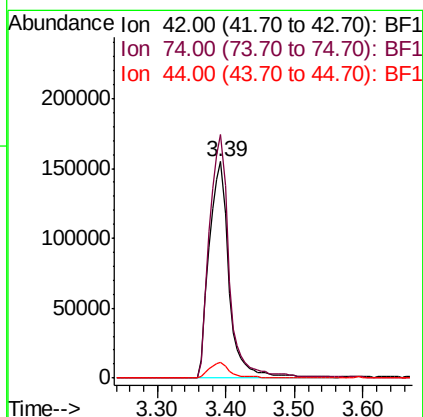
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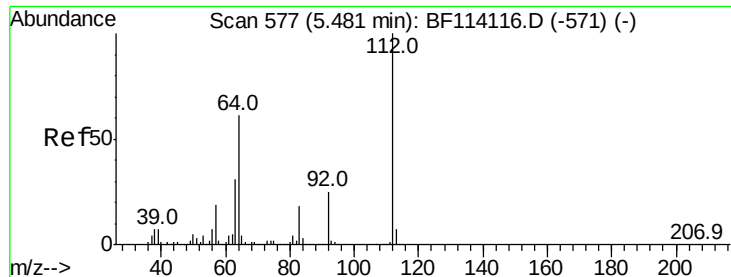
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#4
n-Nitrosodimethylamine
Concen: 30.604 ng
RT: 3.39 min Scan# 222
Delta R.T. 0.09 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.5	88.6	132.8
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 101.726 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Instrument :

BNA_F

ClientSampleId :

PB119674BS

Tot Ion:112 Resp: 1431546

Ion Ratio Lower Upper

112 100

64 65.3 49.0 73.6

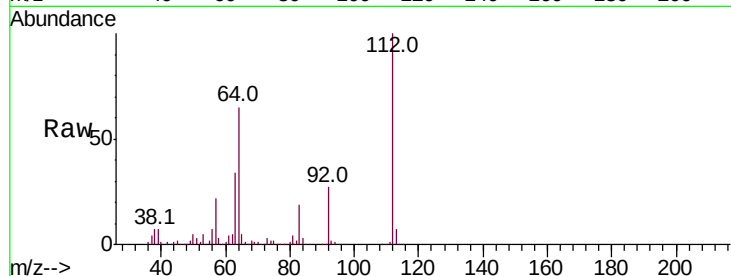
63 33.7 24.6 37.0

Manual Integrations

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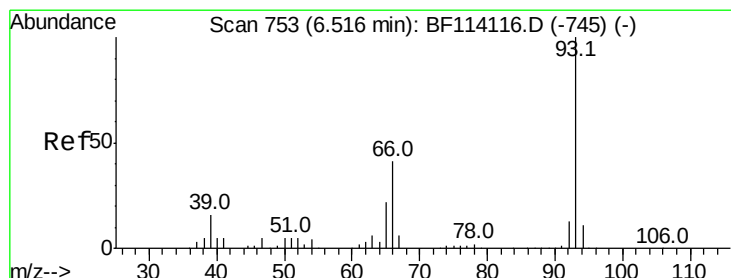
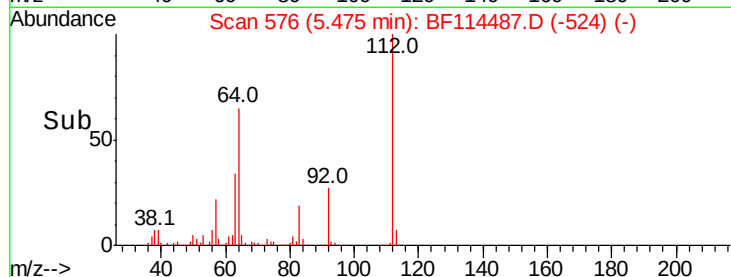
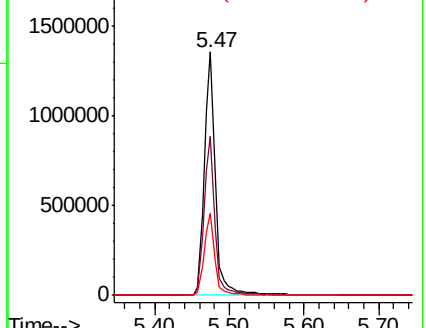
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.321 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

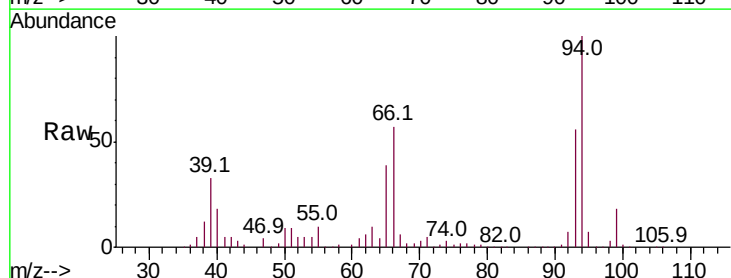
Tgt Ion: 93 Resp: 536668

Ion Ratio Lower Upper

93 100

66 103.0 33.2 49.8#

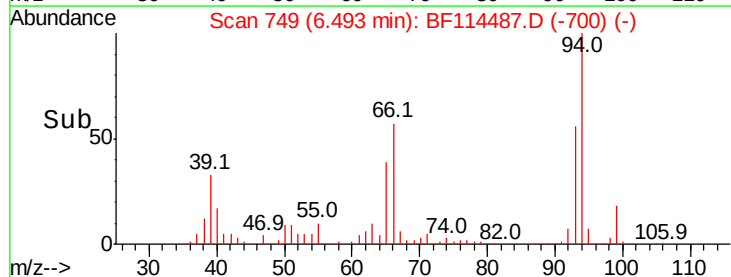
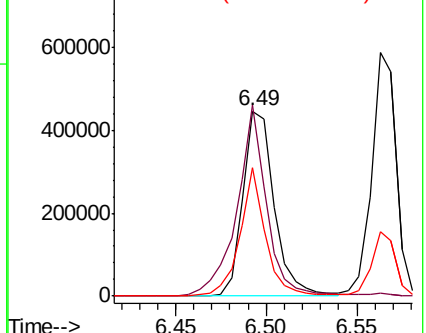
65 69.6 17.6 26.4#

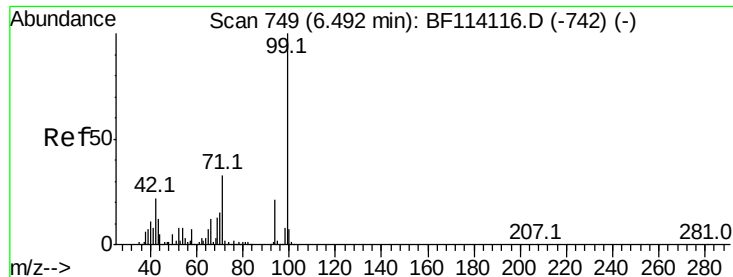


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.820 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Instrument :

BNA_F

ClientSampleId :

PB119674BS

Tot Ion: 99 Resp: 1827864

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

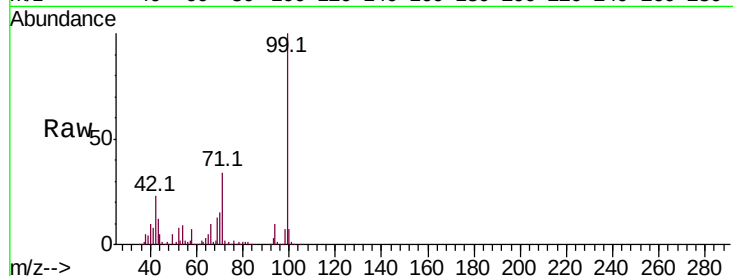
71 33.7 26.2 39.2

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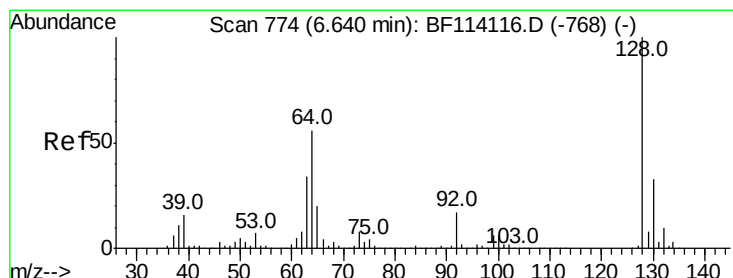
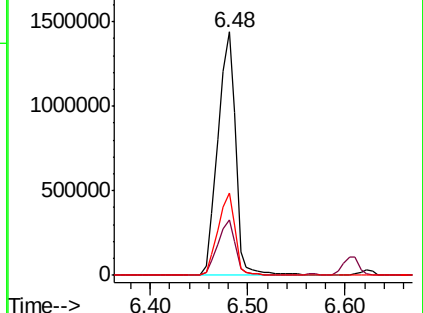
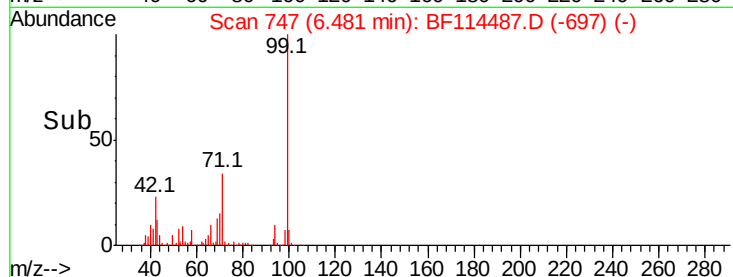
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.177 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

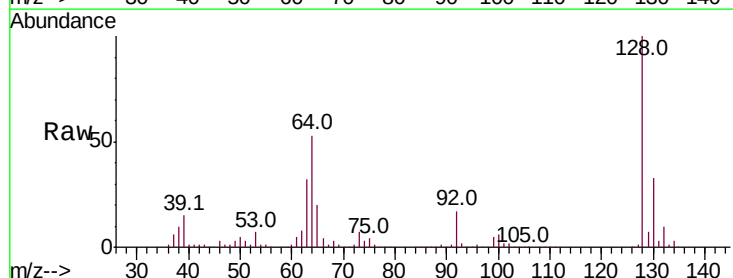
Tgt Ion: 128 Resp: 558520

Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

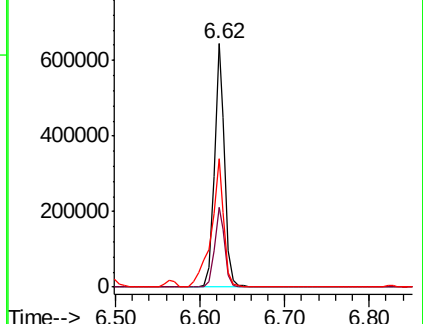
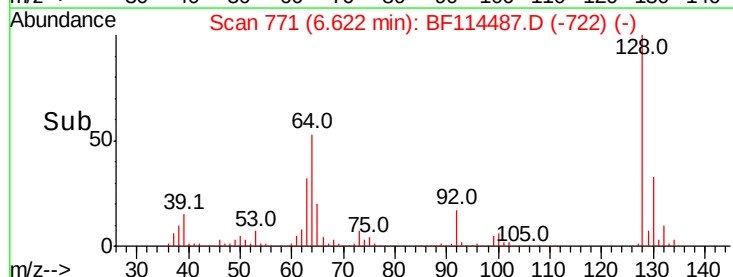
64 52.7 35.9 75.9

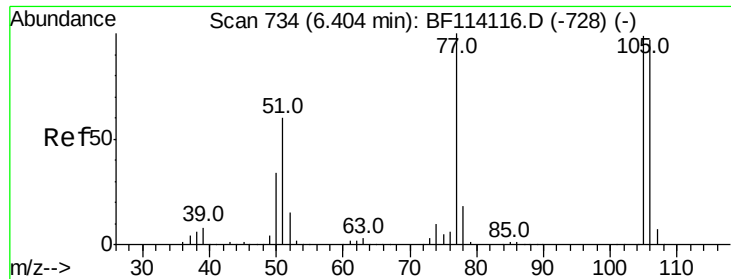


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.875 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Instrument :

BNA_F

ClientSampleId :

PB119674BS

Tot Ion: 77 Resp: 301498

Ion Ratio Lower Upper

77 100

105 100.2 79.3 119.3

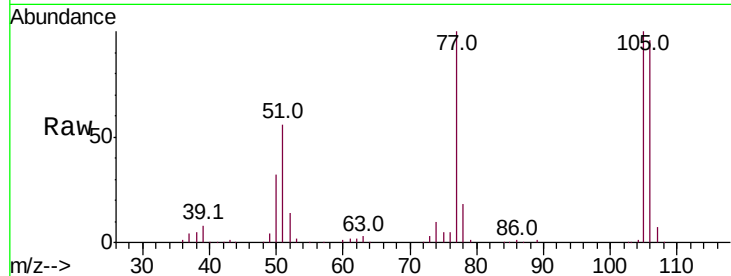
106 96.5 77.0 117.0

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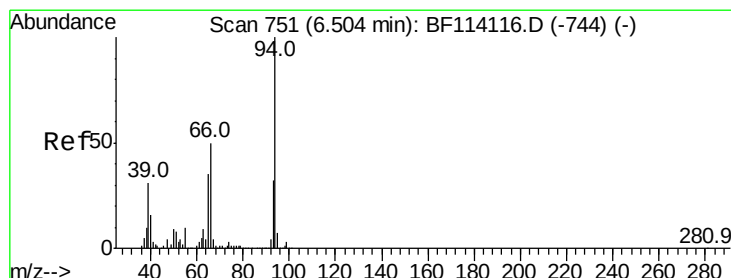
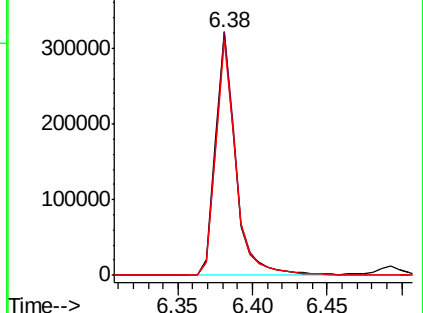
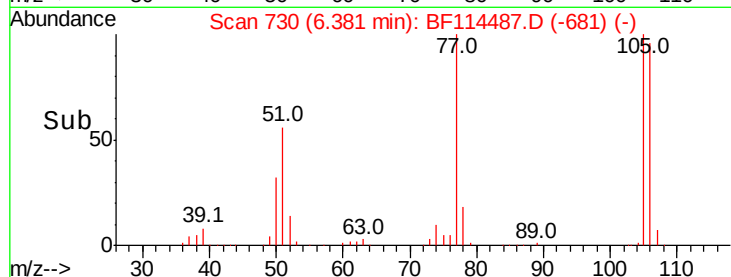
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.500 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

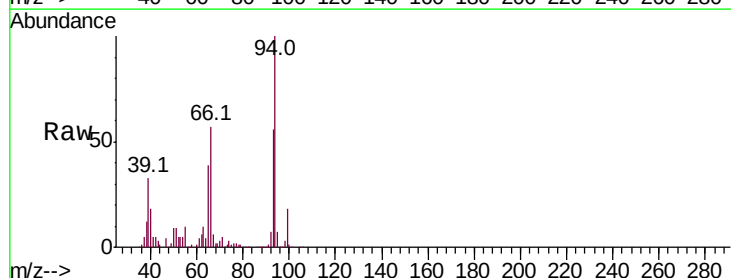
Tgt Ion: 94 Resp: 675506

Ion Ratio Lower Upper

94 100

65 38.8 14.7 54.7

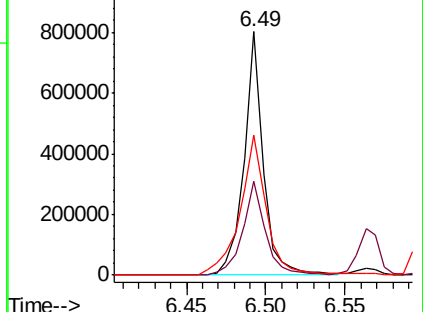
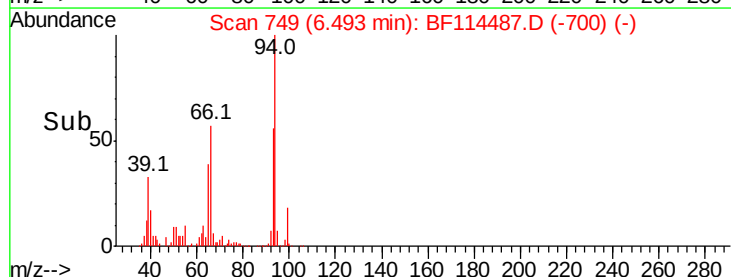
66 57.4 29.6 69.6

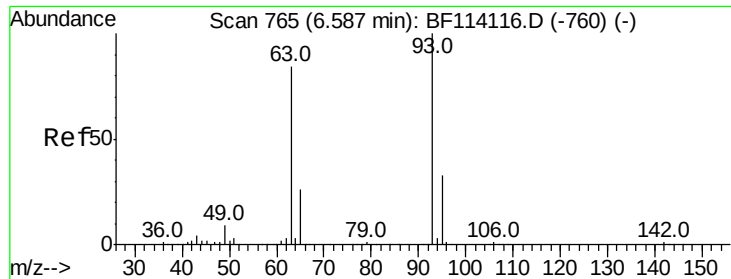


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.532 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Instrument :

BNA_F

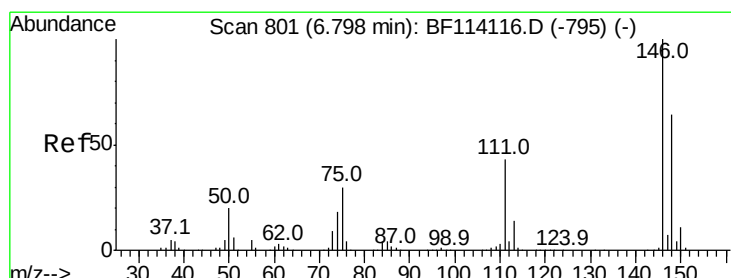
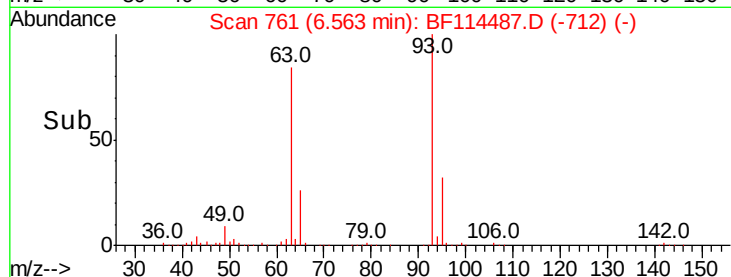
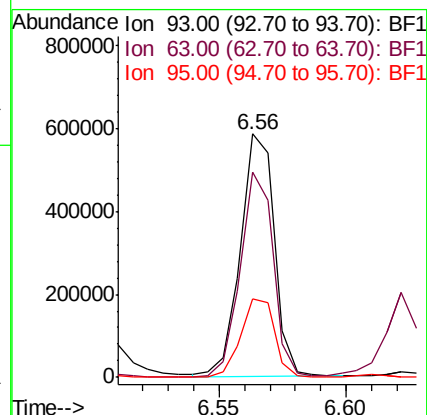
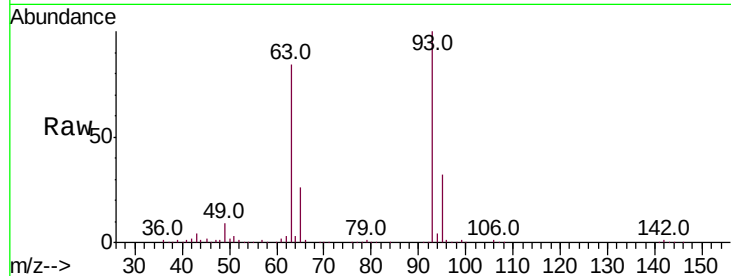
ClientSampleId :

PB119674BS

Tot Ion:	93	Resp:	543041
Ion Ratio	Lower	Upper	
93	100		
63	84.2	63.6	103.6
95	32.3	13.1	53.1

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#12

1,3-Dichlorobenzene

Concen: 34.739 ng

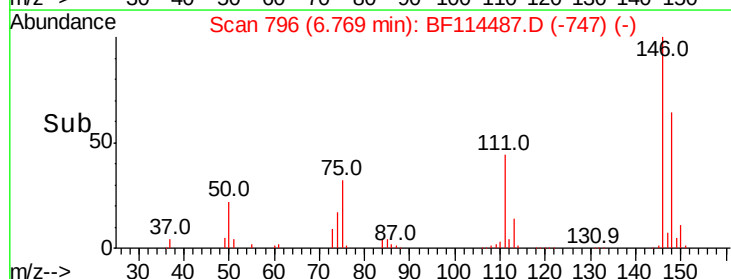
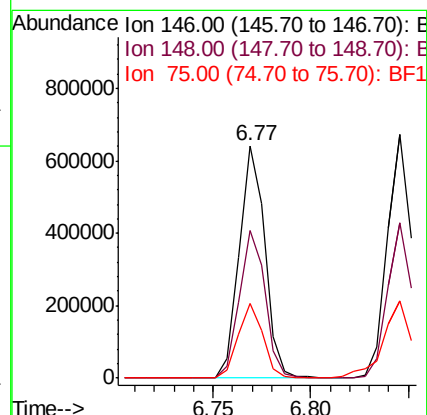
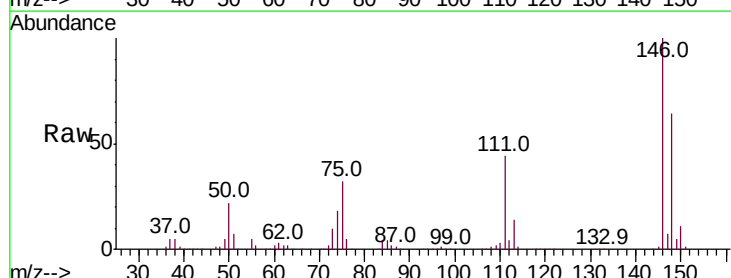
RT: 6.77 min Scan# 796

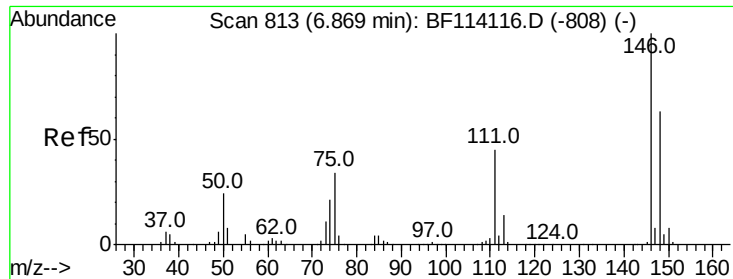
Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Tgt Ion:	146	Resp:	585822
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.6	77.4
75	31.9	24.2	36.2





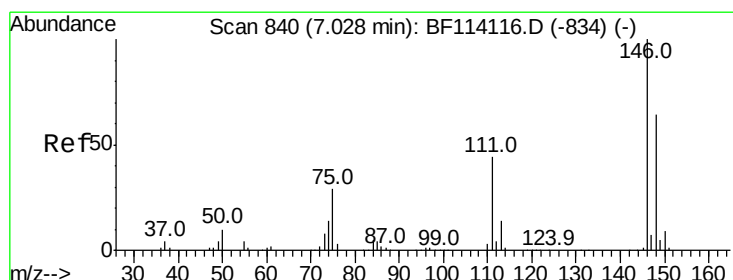
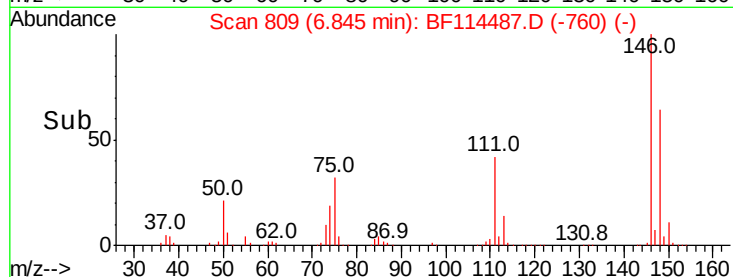
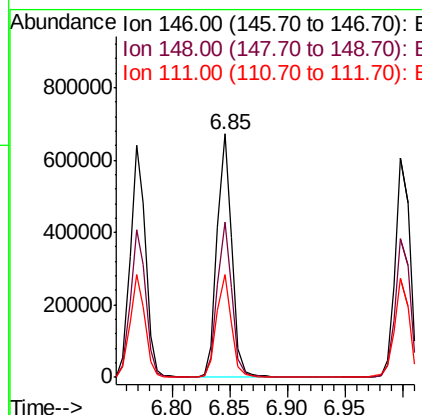
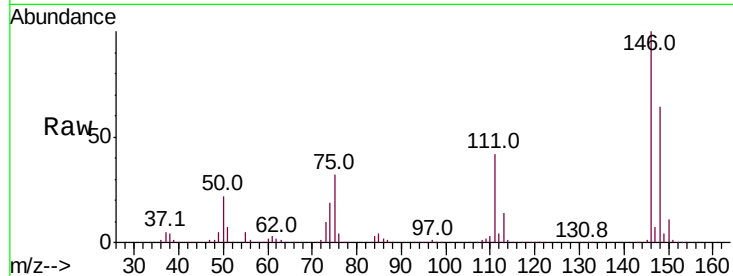
#13
 1,4-Dichlorobenzene
 Concen: 35.059 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF114487.D
 Acq: 22 May 2019 15:51

Instrument :
 BNA_F
 ClientSampled :
 PB119674BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.2	75.2
111	42.2	35.8	53.6

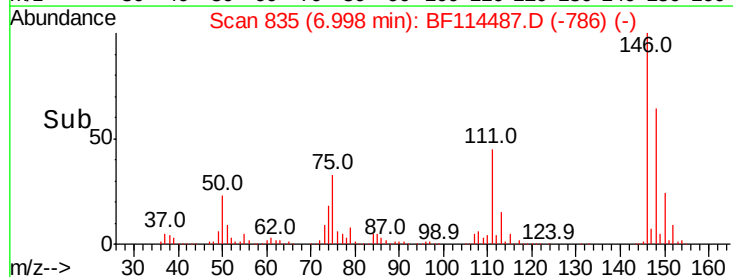
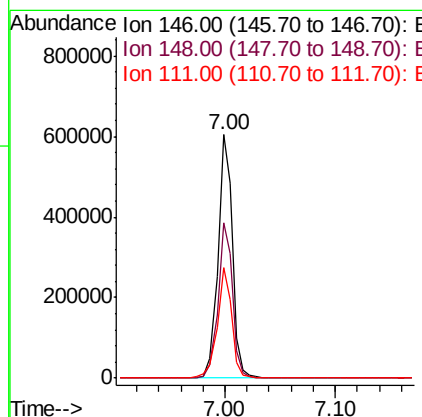
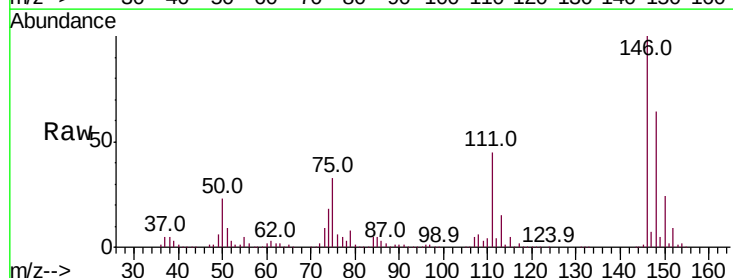
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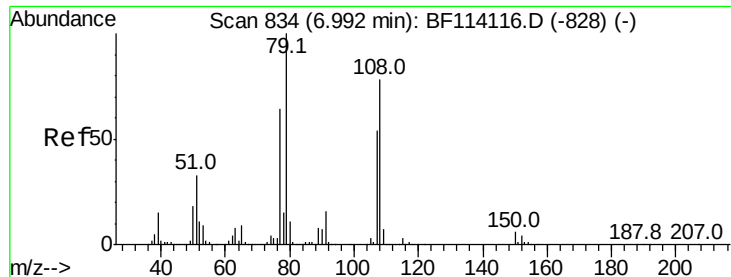
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#14
 1,2-Dichlorobenzene
 Concen: 34.808 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF114487.D
 Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	45.4	35.3	52.9





#15

Benzyl Alcohol

Concen: 33.440 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Instrument :

BNA_F

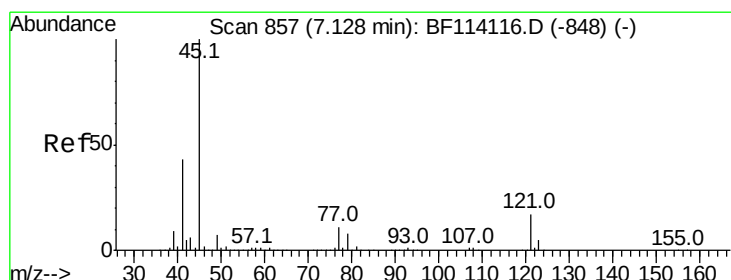
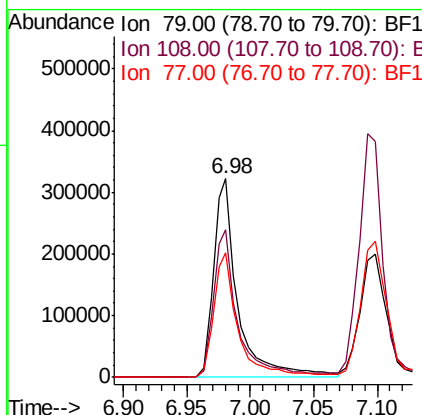
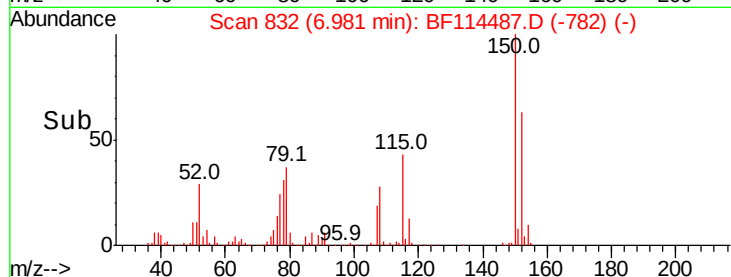
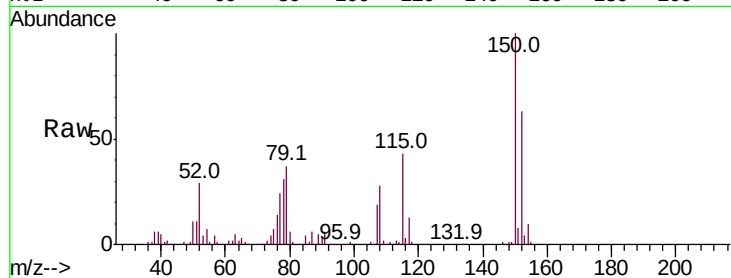
ClientSampled :

PB119674BS

Tot Ion:	79	Resp:	434100
Ion Ratio	Lower	Upper	
79	100		
108	74.7	62.1	93.1
77	63.1	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.073 ng

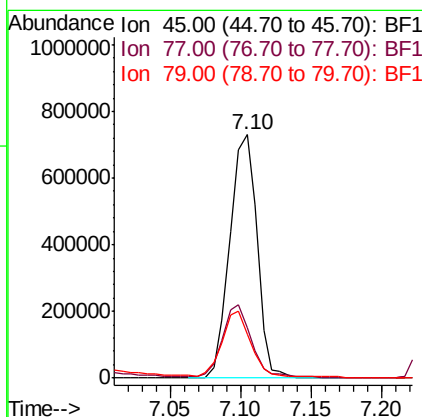
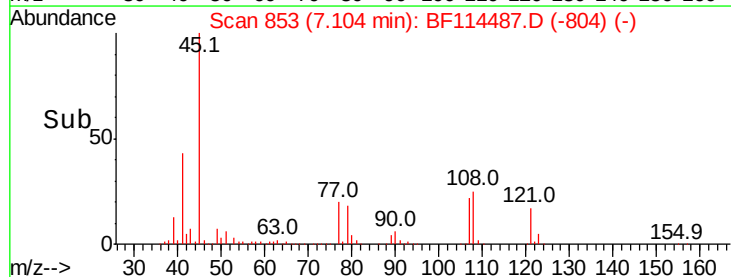
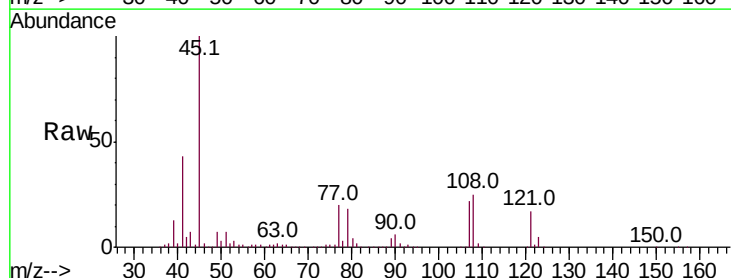
RT: 7.10 min Scan# 853

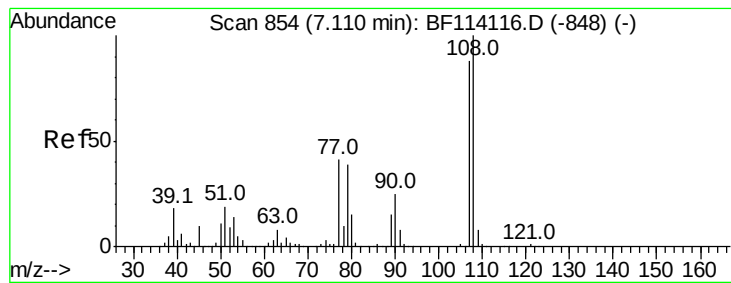
Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Tgt Ion:	45	Resp:	982044
Ion Ratio	Lower	Upper	
45	100		
77	20.5	0.0	31.1
79	18.0	0.0	28.4





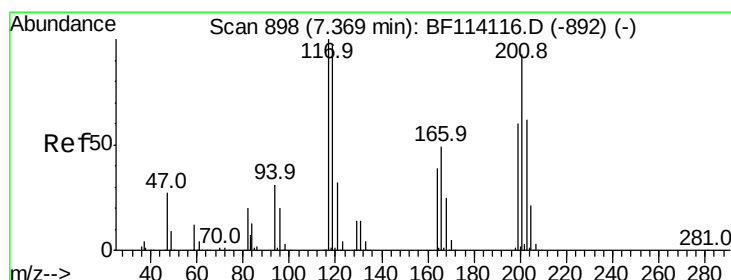
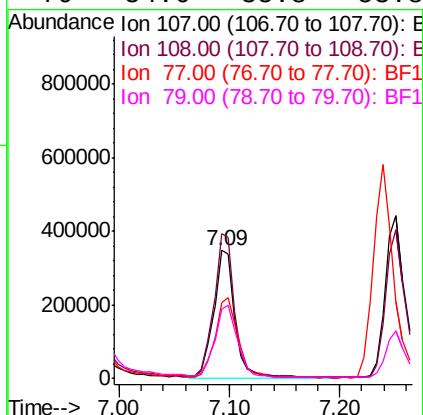
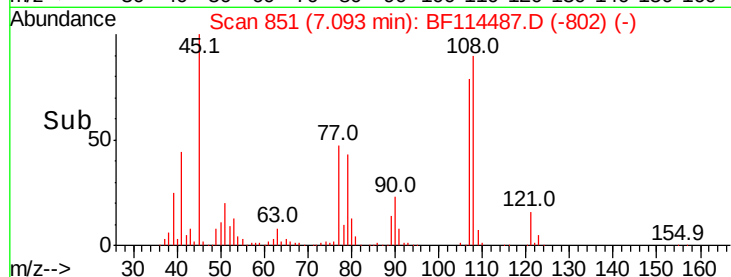
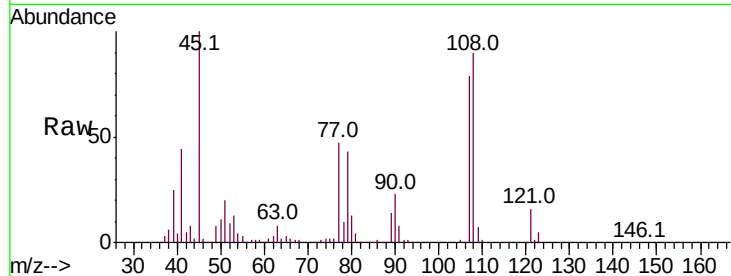
#17
2-Methylphenol
Concen: 36.972 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampleId :
PB119674BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	90.5	135.7	
77	59.4	37.0	55.4	
79	54.6	35.8	53.8	

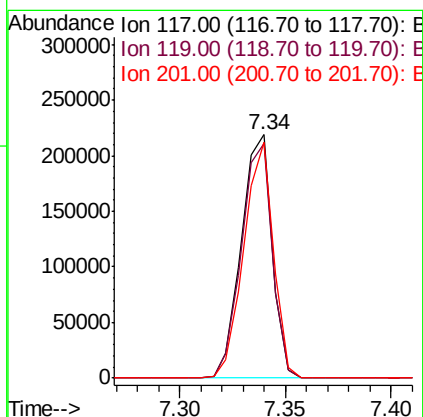
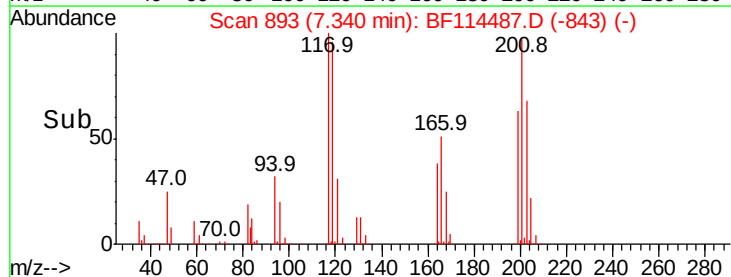
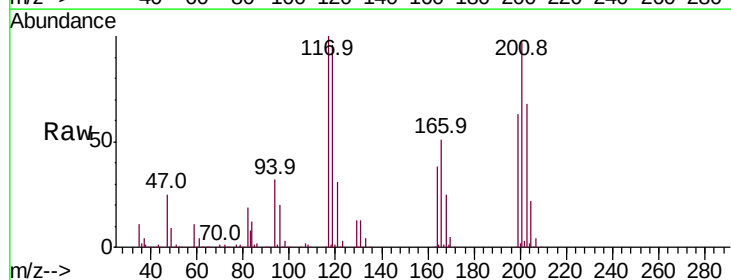
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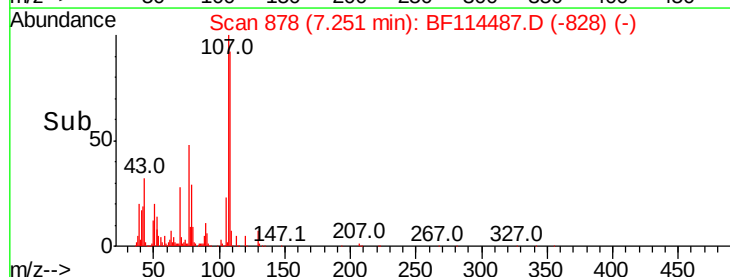
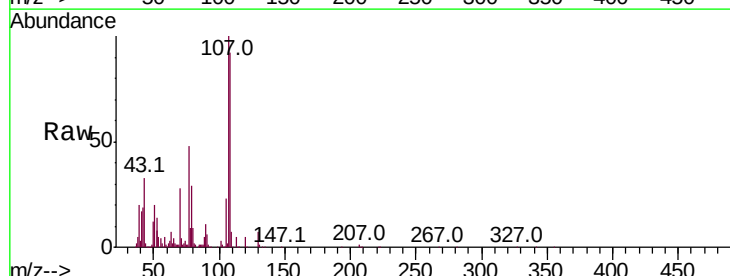
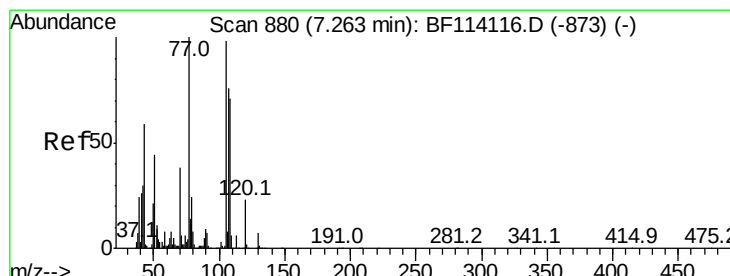
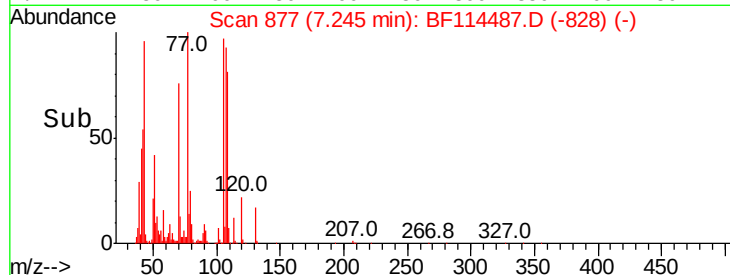
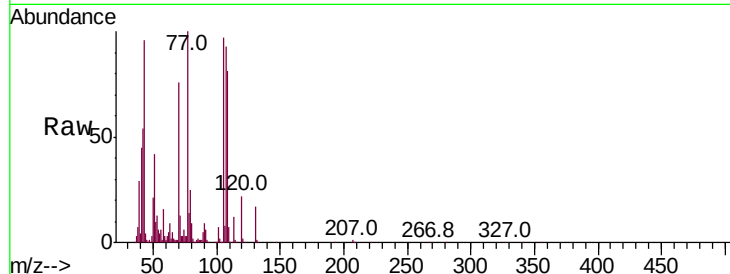
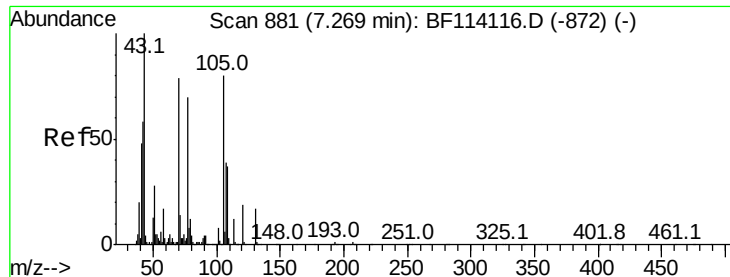
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#18
Hexachloroethane
Concen: 34.749 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	77.4	116.2	
201	97.1	74.5	111.7	





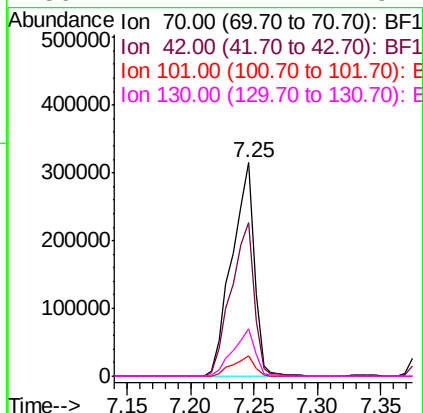
#19
n-Nitroso-di-n-propylamine
Concen: 36.796 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampleId :
PB119674BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.7	58.6	87.8
101	9.4	7.8	11.8
130	22.2	17.1	25.7

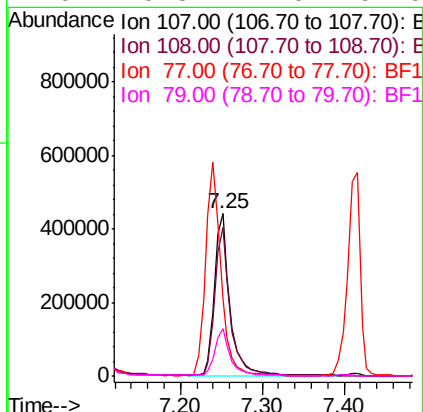
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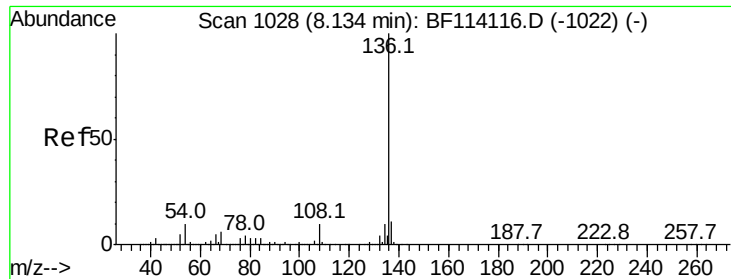
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#20
3+4-Methylphenols
Concen: 40.917 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	73.8	113.8
77	47.6	111.5	151.5#
79	29.3	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Instrument :

BNA_F

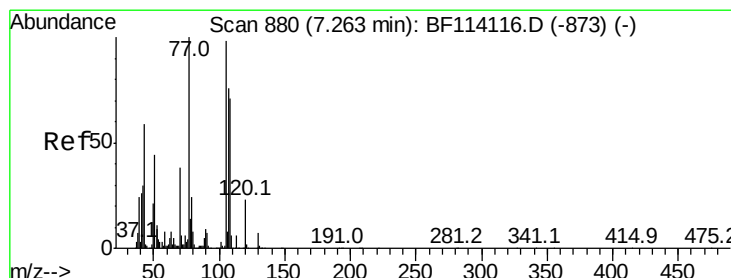
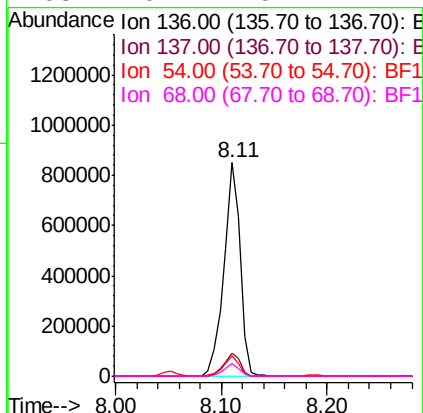
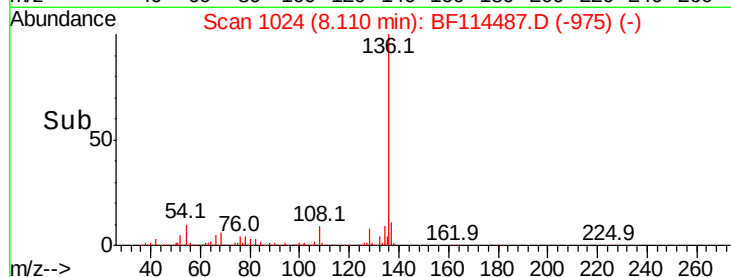
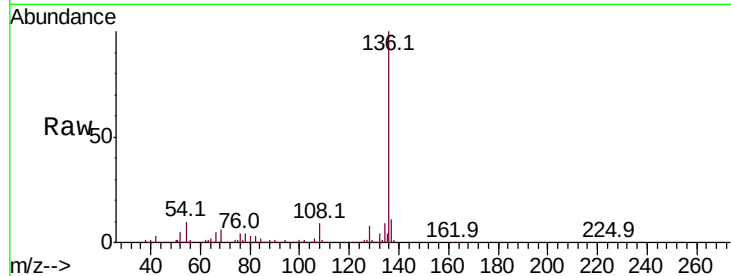
ClientSampleId :

PB119674BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	905538		
137	10.8		8.8	13.2
54	9.5		7.8	11.8
68	6.1		5.1	7.7

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#22

Acetophenone

Concen: 37.489 ng

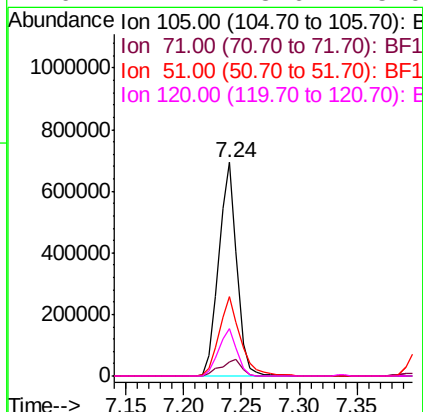
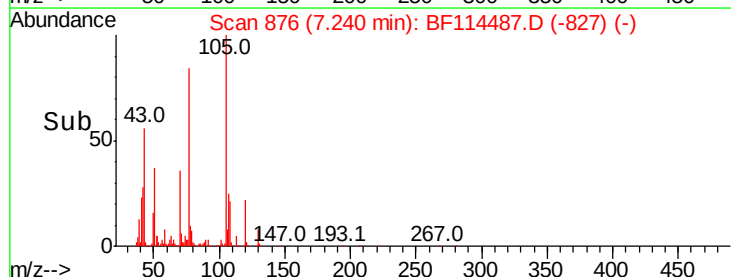
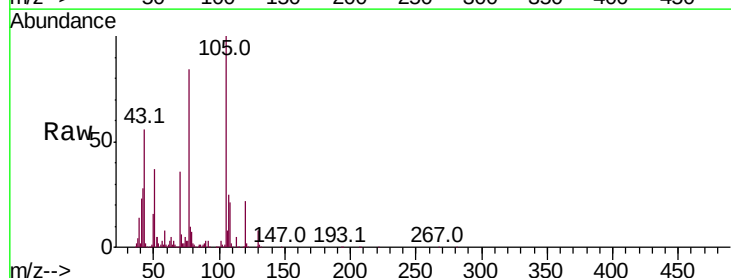
RT: 7.24 min Scan# 876

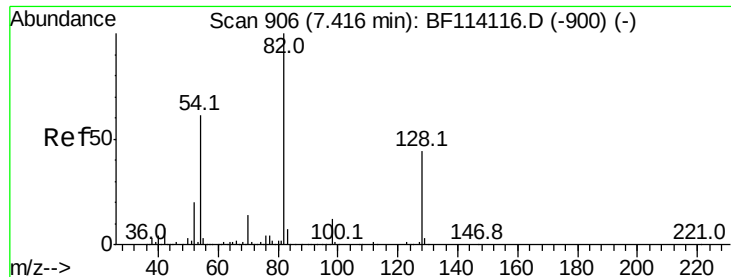
Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	752058		
71	6.3		5.3	7.9
51	37.1		36.2	54.4
120	22.4		18.6	28.0





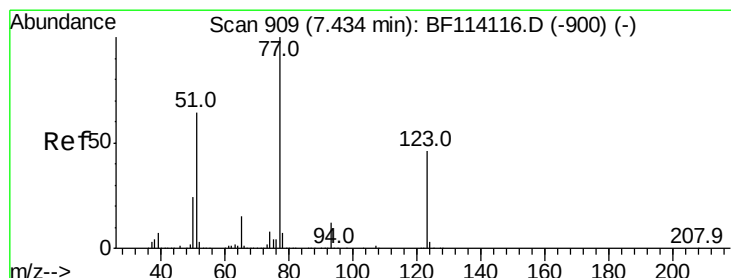
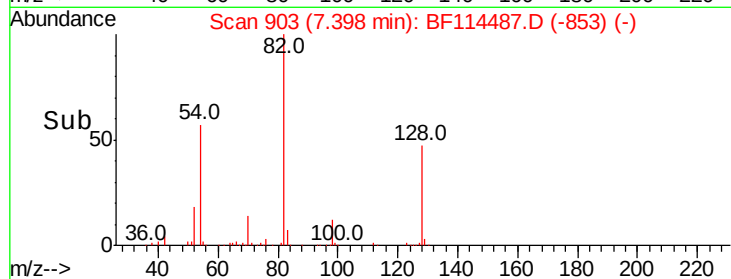
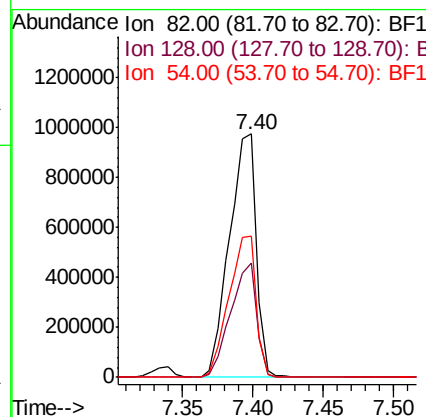
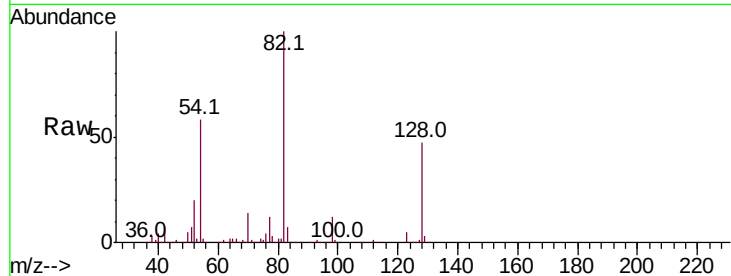
#23
 Nitrobenzene-d5
 Concen: 80.177 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114487.D
 Acq: 22 May 2019 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119674BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.5	53.3
54	58.0	48.5	72.7

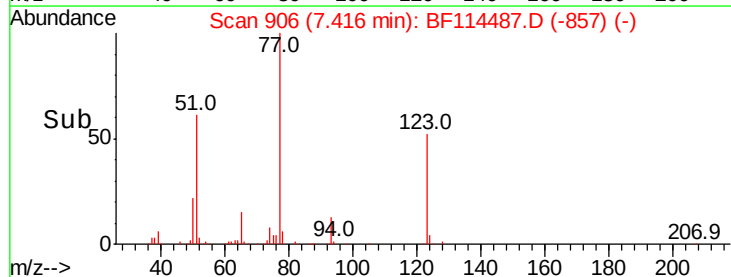
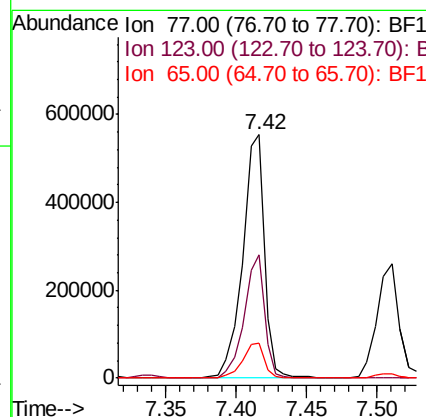
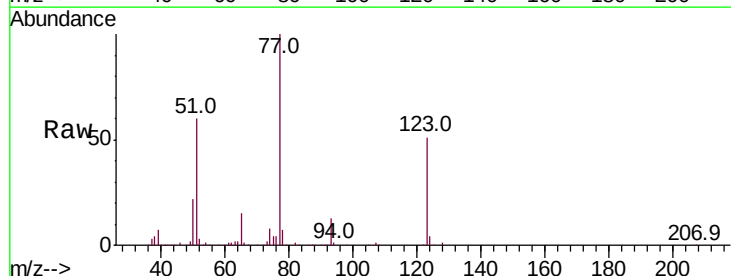
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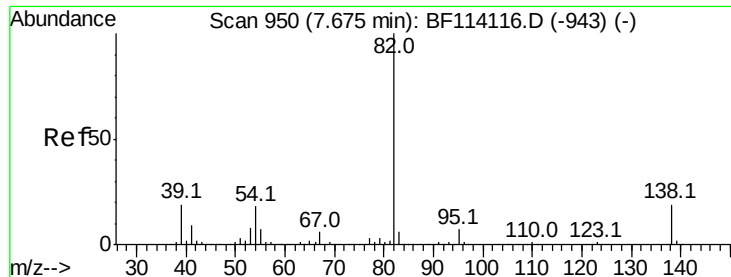
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#24
 Nitrobenzene
 Concen: 35.946 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF114487.D
 Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.9	36.9	55.3
65	14.6	11.8	17.6





#25

Isophorone

Concen: 36.429 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Instrument :

BNA_F

ClientSampleId :

PB119674BS

Tot Ion: 82 Resp: 1090162

Ion Ratio Lower Upper

82 100

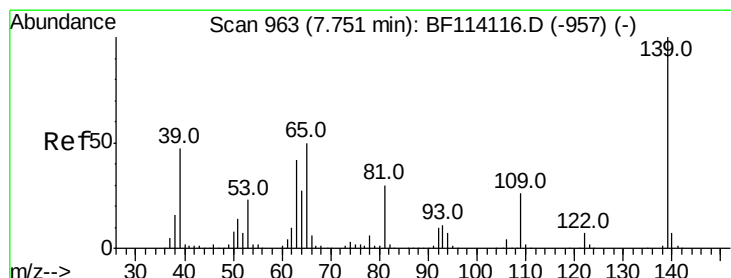
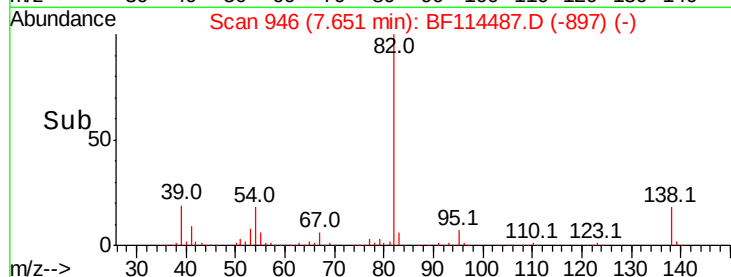
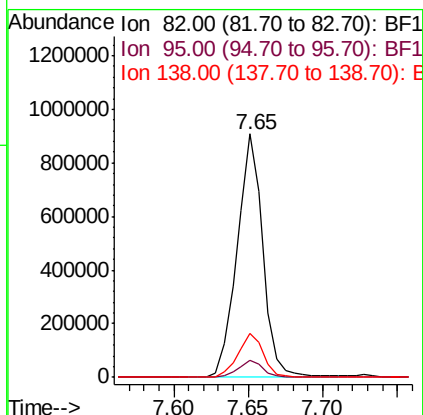
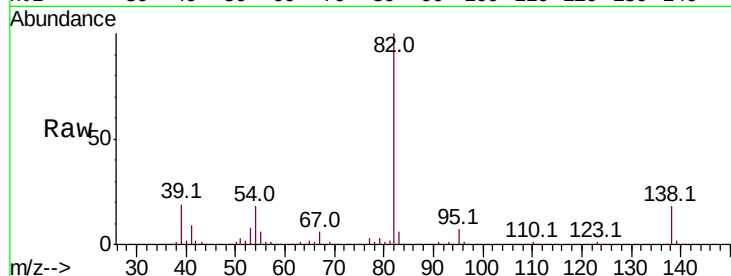
95 7.0 5.6 8.4

138 18.1 14.8 22.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.966 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

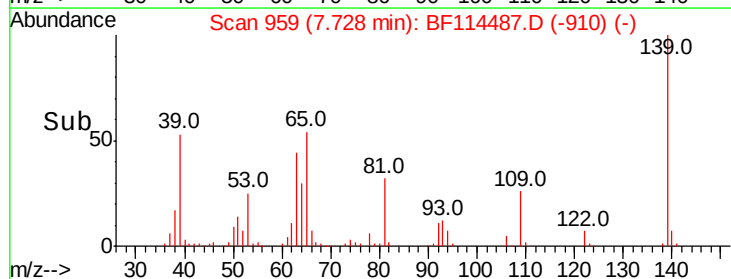
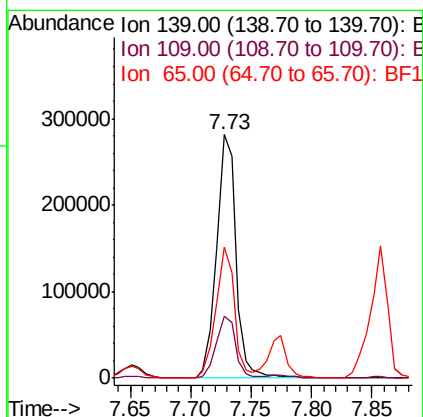
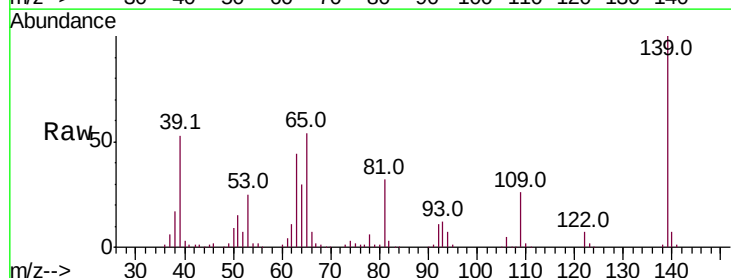
Tgt Ion: 139 Resp: 310686

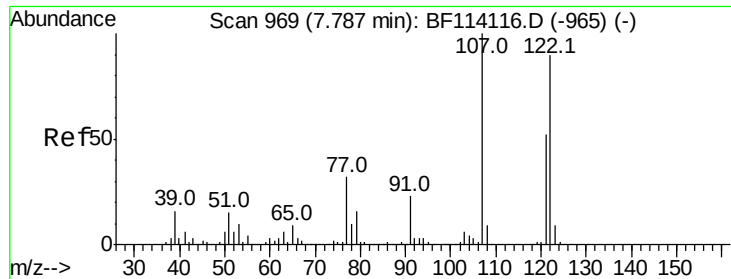
Ion Ratio Lower Upper

139 100

109 25.6 20.7 31.1

65 54.0 40.2 60.2





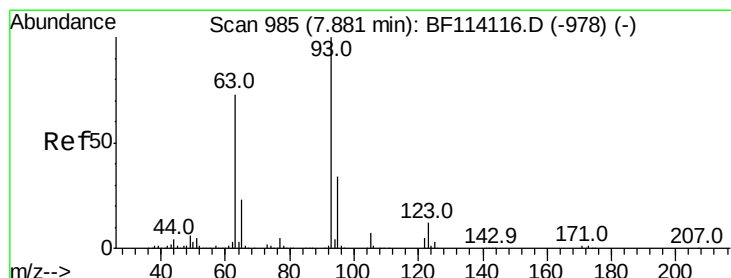
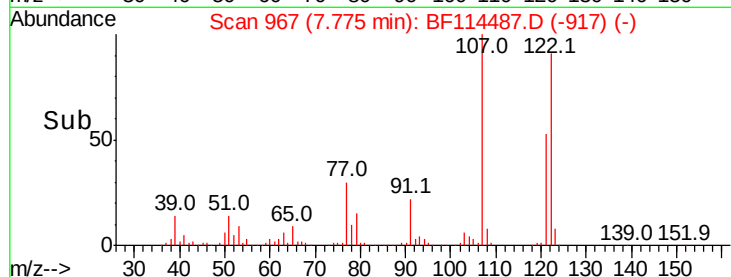
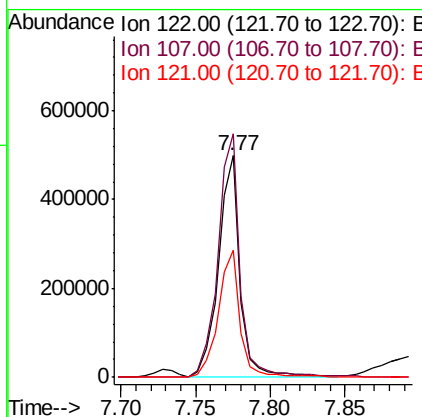
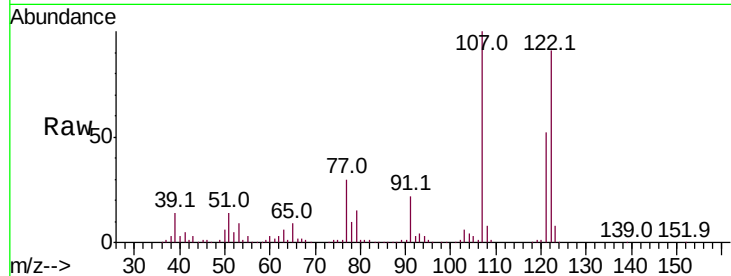
#27
2,4-Dimethylphenol
Concen: 40.270 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampleId :
PB119674BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	504295		
107	110.0	88.4	132.6	
121	57.7	45.9	68.9	

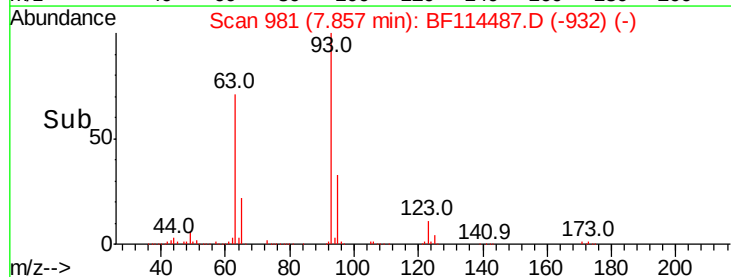
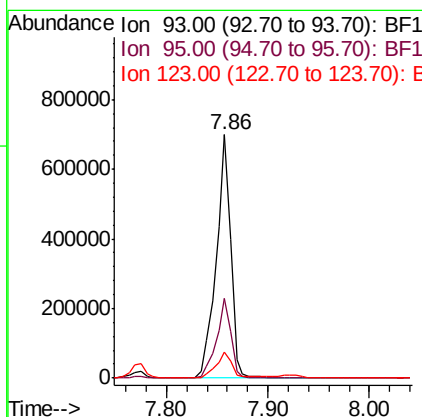
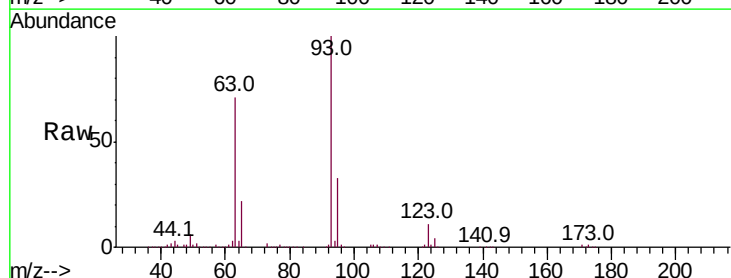
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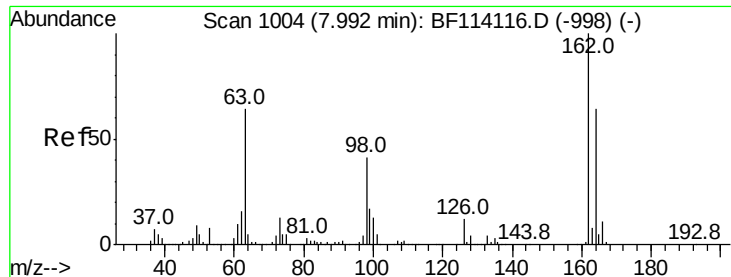
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#28
bis(2-Chloroethoxy)methane
Concen: 35.979 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	698590		
95	32.8	26.8	40.2	
123	10.9	9.5	14.3	





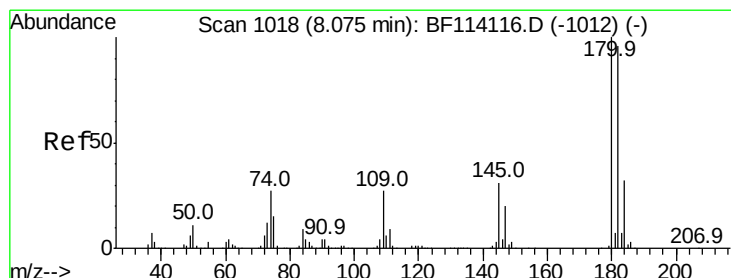
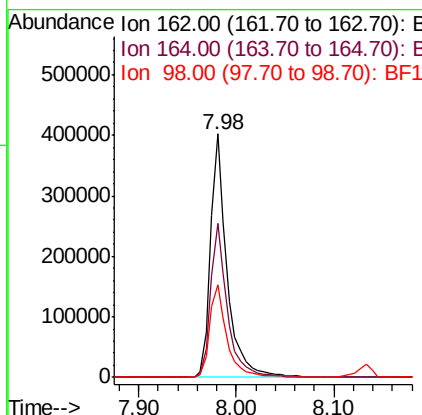
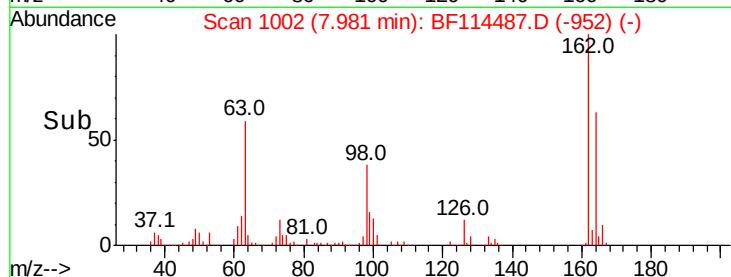
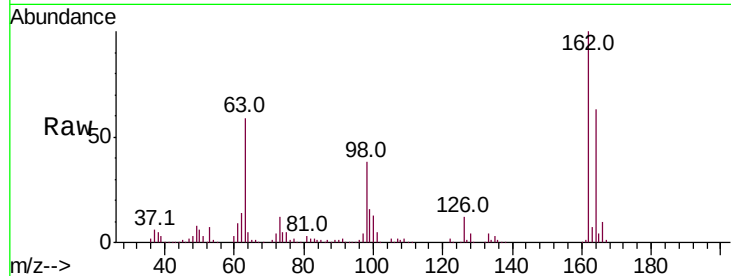
#29
2,4-Dichlorophenol
Concen: 37.912 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampled :
PB119674BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	472755		
164	63.1	43.6	83.6	
98	38.2	20.6	60.6	

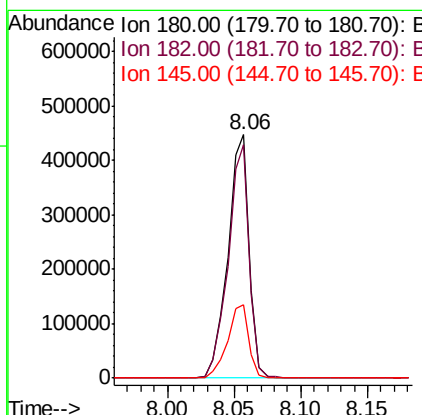
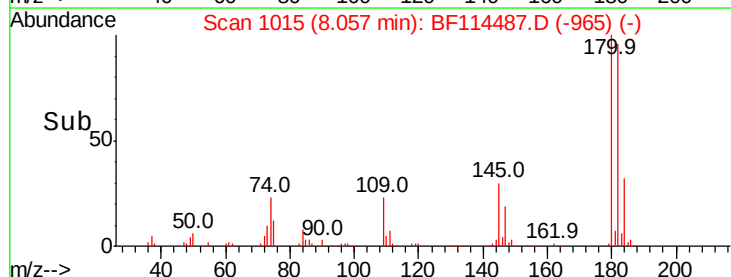
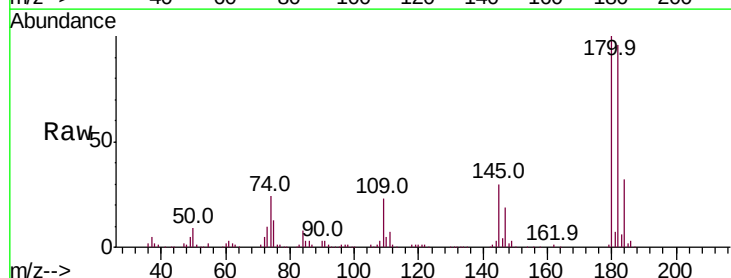
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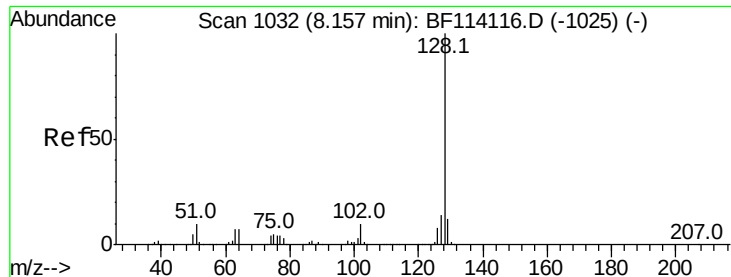
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#30
1,2,4-Trichlorobenzene
Concen: 35.352 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	501283		
182	95.7	76.6	114.8	
145	30.1	25.1	37.7	





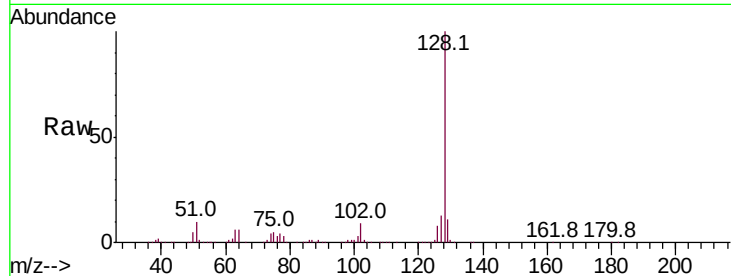
#31
Naphthalene
Concen: 37.685 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampleId :
PB119674BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.6	14.4
127	13.5	11.3	16.9

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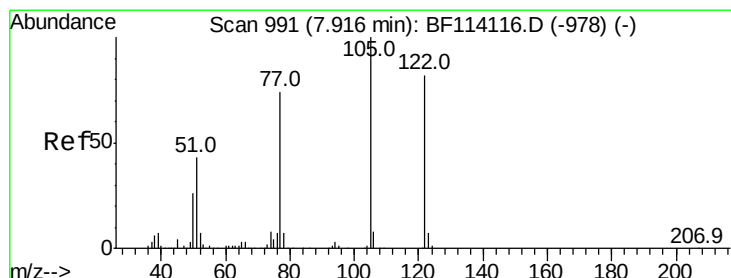
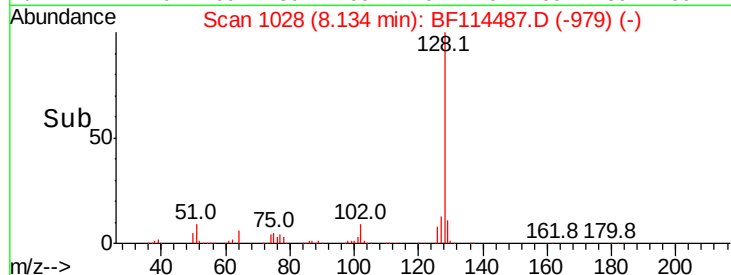
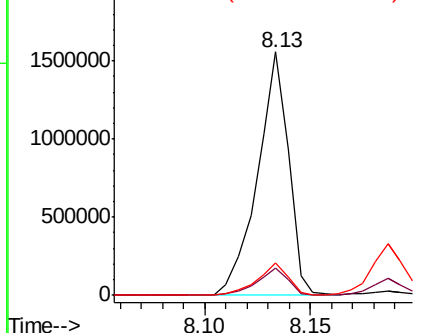


Abundance

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: 34.185 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

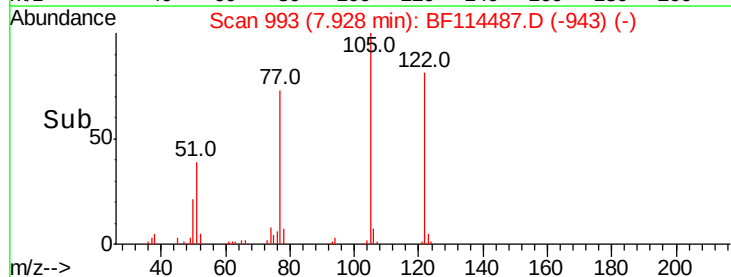
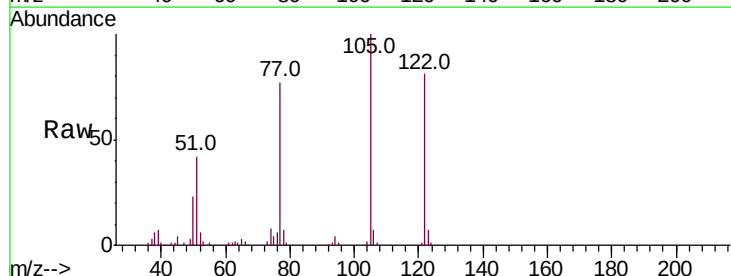
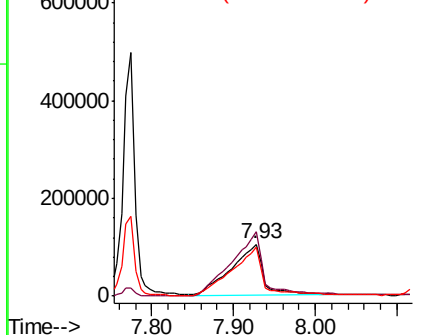
Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.4	99.9	139.9
77	94.5	69.4	109.4

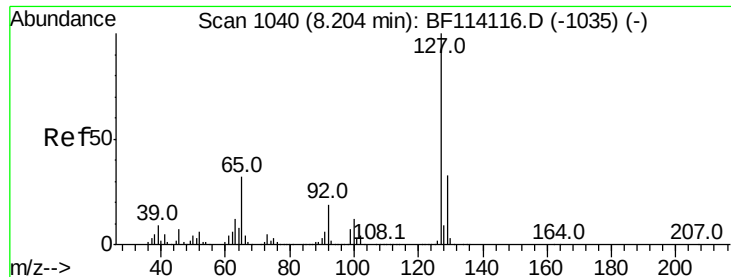
Abundance

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





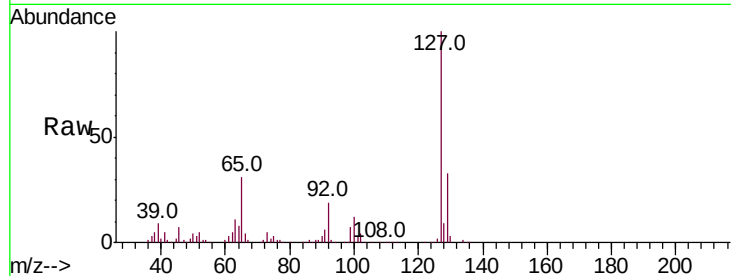
#33
4-Chloroaniline
Concen: 21.398 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampled :
PB119674BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.7	40.1	
65	30.7	25.4	38.0	
92	18.7	15.4	23.2	

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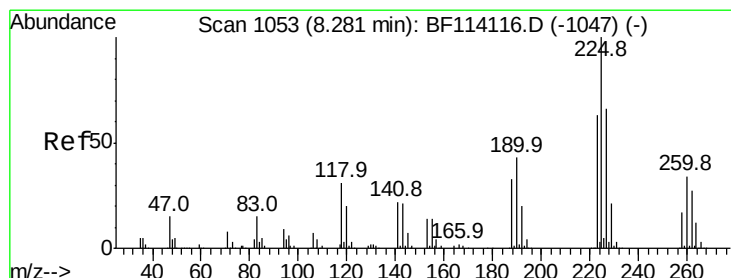
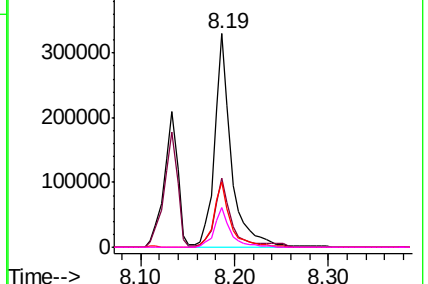
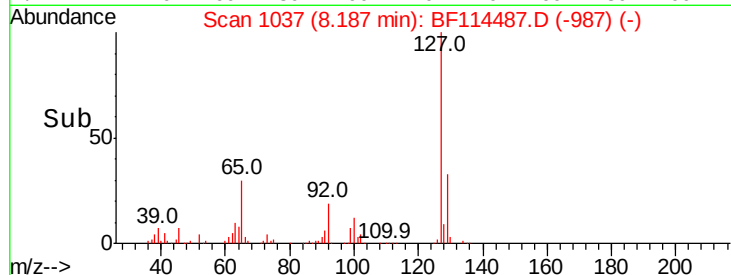
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

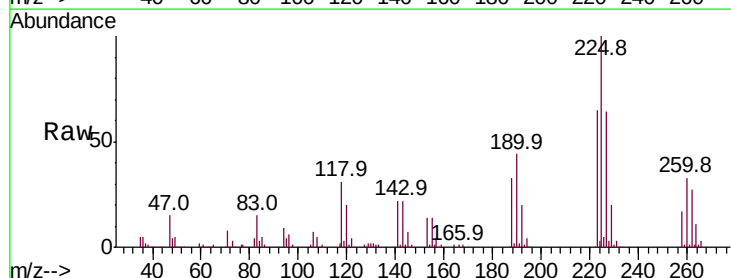
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 34.190 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.7	50.2	75.2	
227	63.7	52.6	79.0	

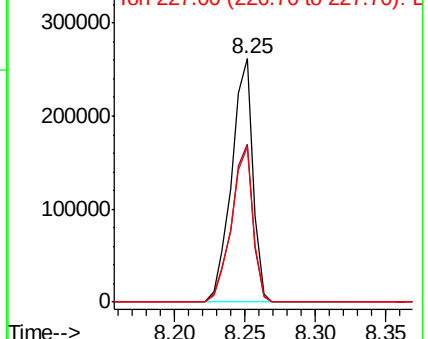
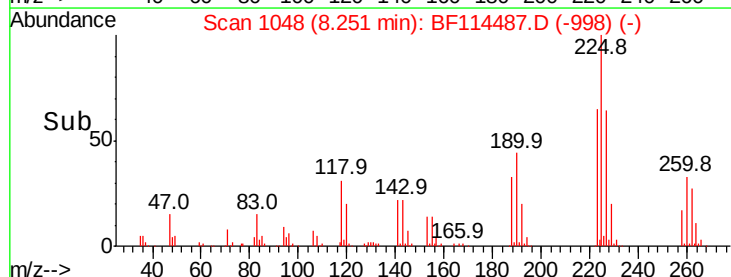


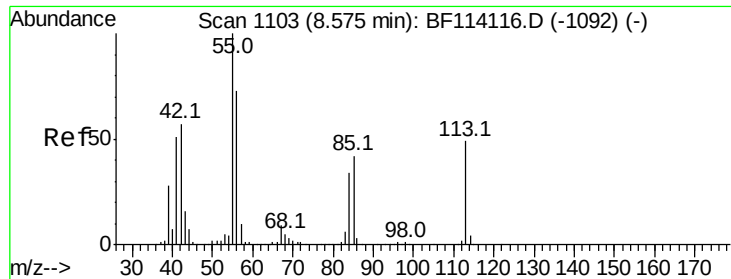
Abundance

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





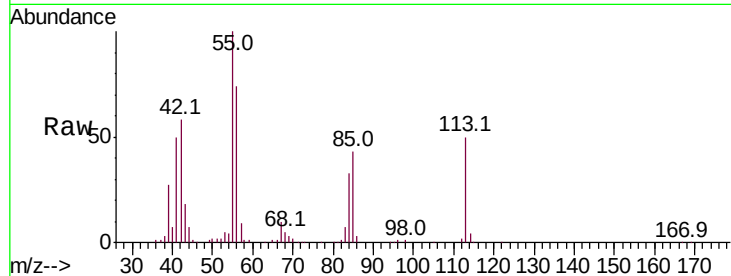
#35
Caprolactam
Concen: 39.370 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampleID :
PB119674BS

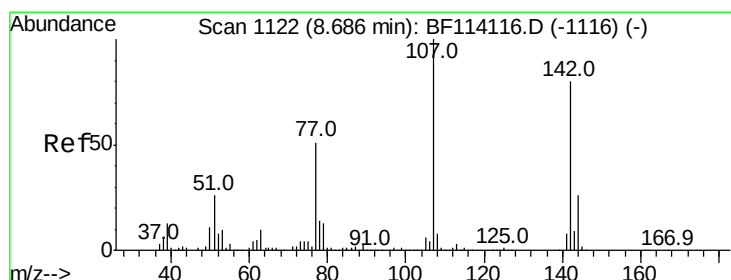
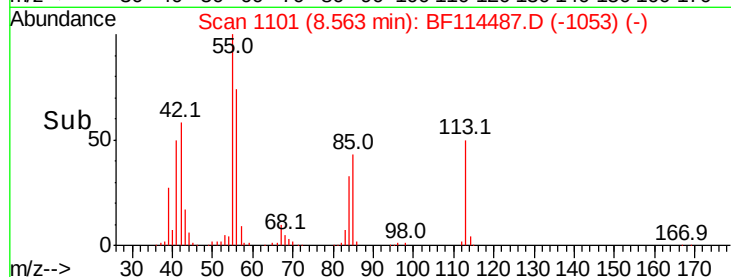
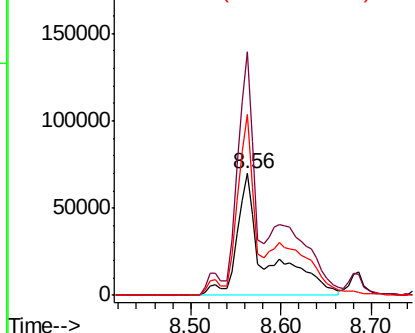
Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	199.9	183.5	223.5	
56	148.8	128.8	168.8	

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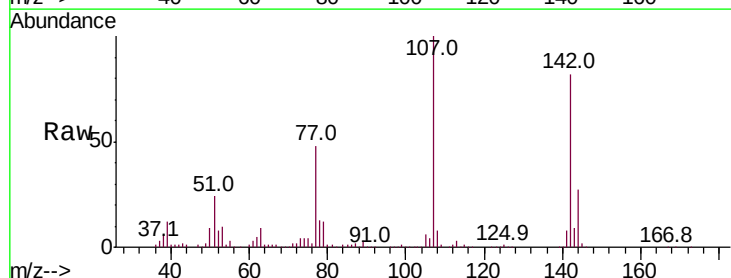


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

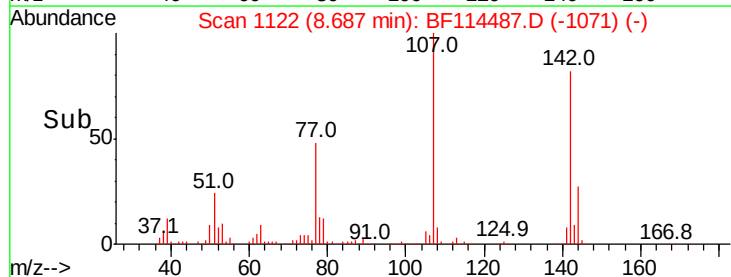
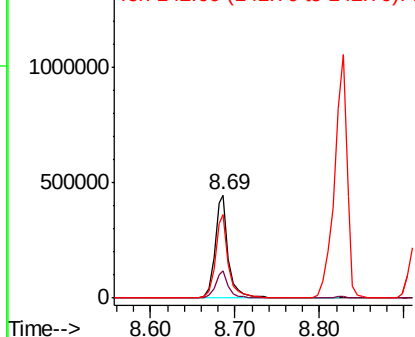


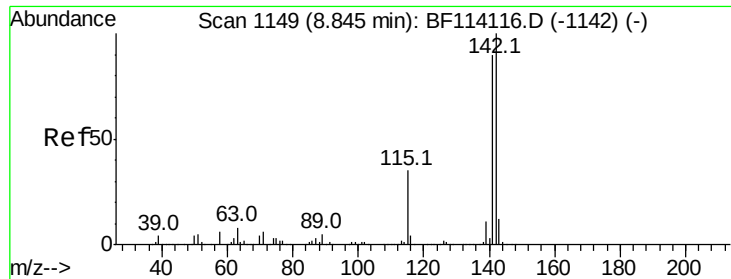
#36
4-Chloro-3-methylphenol
Concen: 40.072 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.1	20.4	30.6	
142	81.8	64.2	96.4	



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





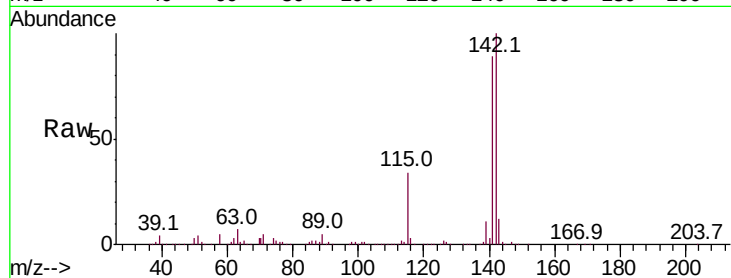
#37
 2-Methylnaphthalene
 Concen: 39.649 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF114487.D
 Acq: 22 May 2019 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119674BS

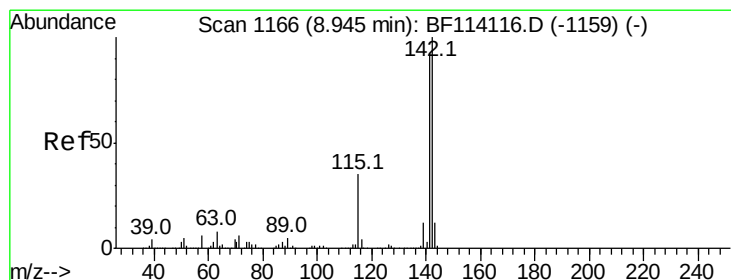
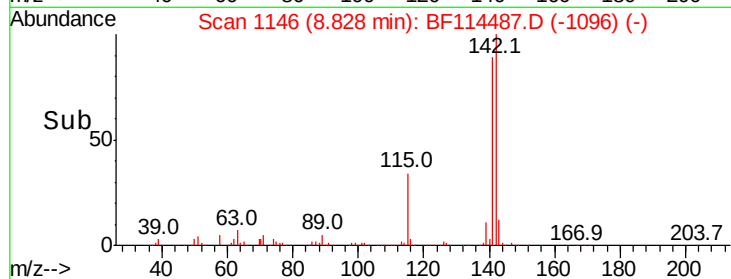
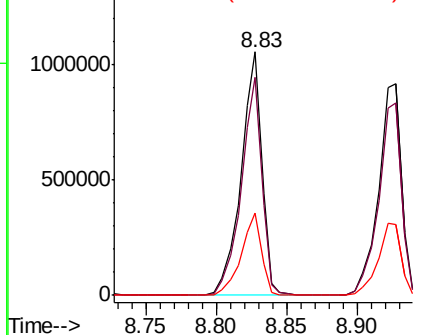
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.1	108.1
115	33.6	28.0	42.0

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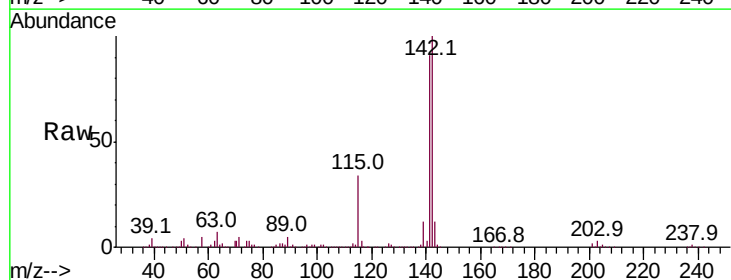


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

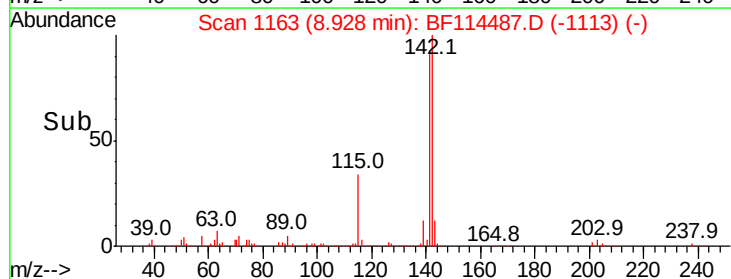
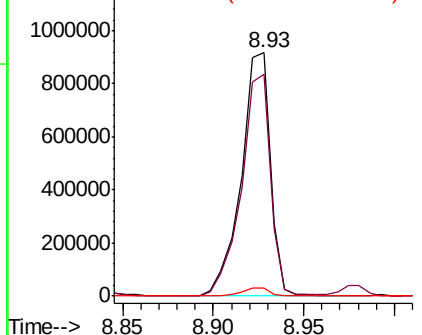


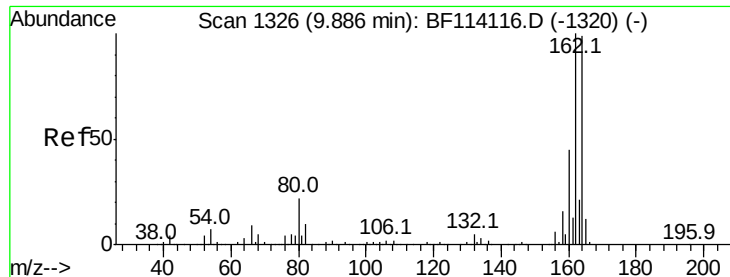
#38
 1-Methylnaphthalene
 Concen: 39.842 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF114487.D
 Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.4	110.0
116	3.4	3.1	4.7



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





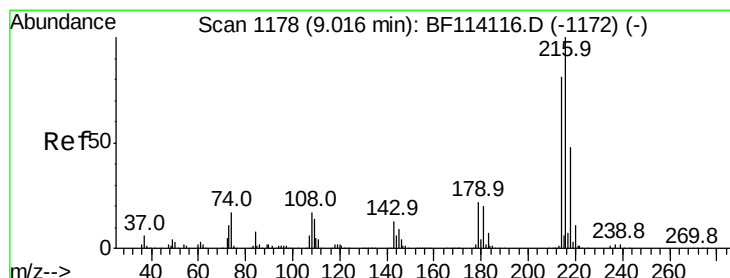
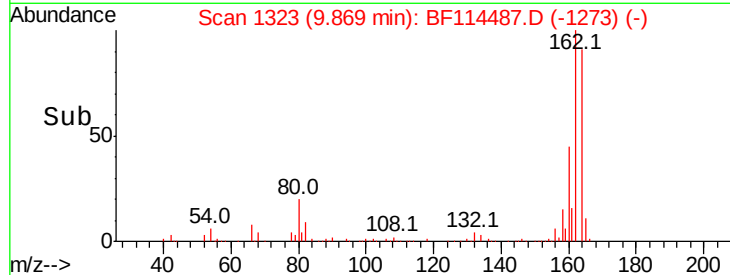
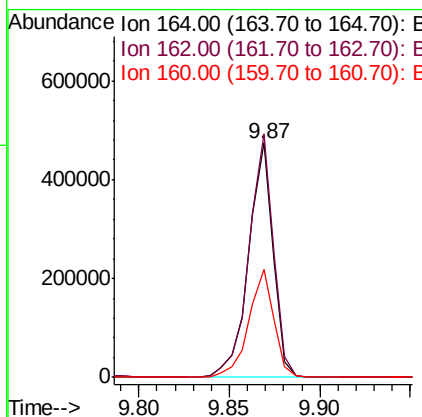
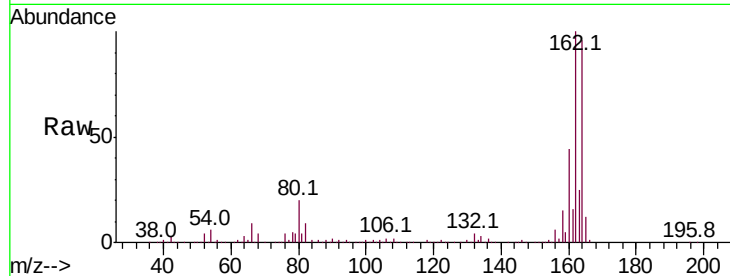
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF114487.D
 Acq: 22 May 2019 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119674BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	444101		
162	103.8	80.6	120.8	
160	46.2	36.5	54.7	

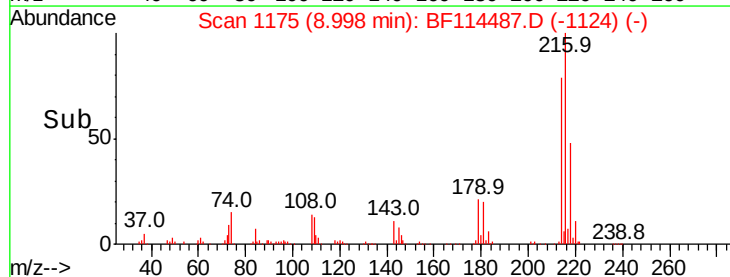
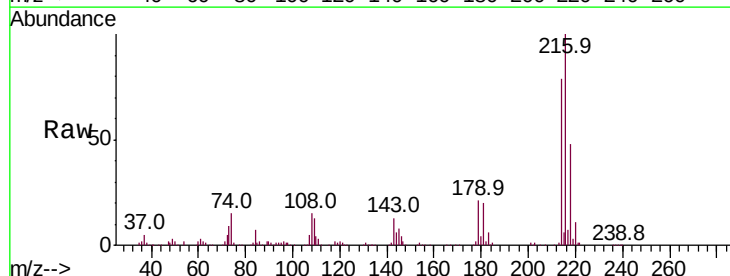
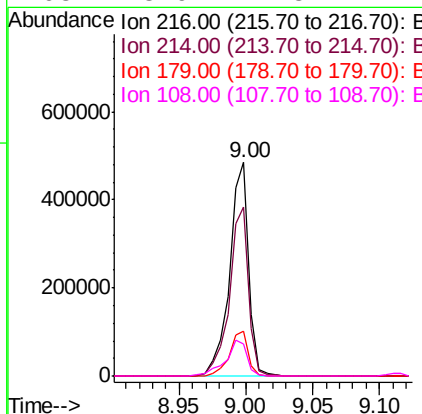
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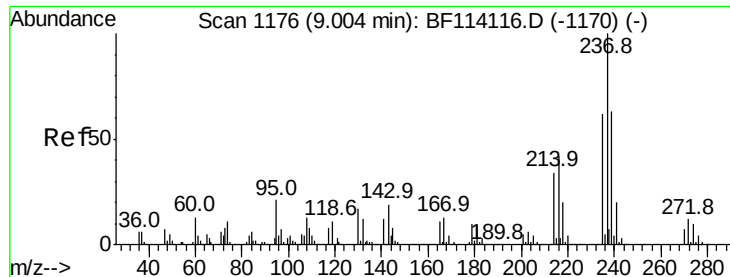
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.217 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF114487.D
 Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	487216		
214	79.2	63.9	95.9	
179	20.9	17.0	25.6	
108	18.9	14.8	22.2	





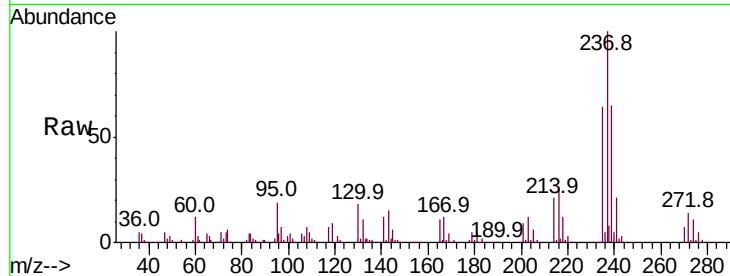
#41
Hexachlorocyclopentadiene
Concen: 47.944 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampleId :
PB119674BS

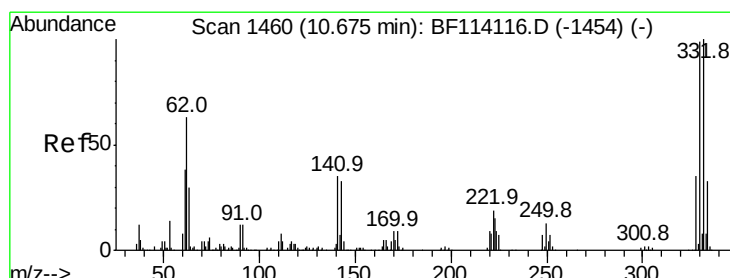
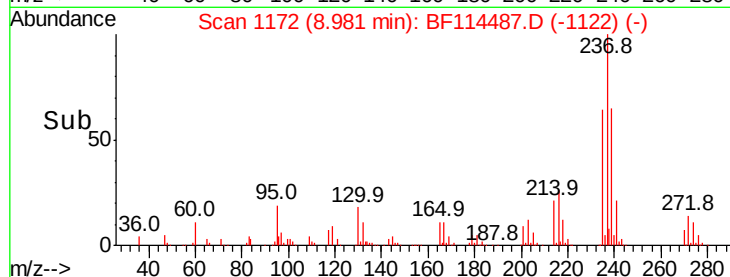
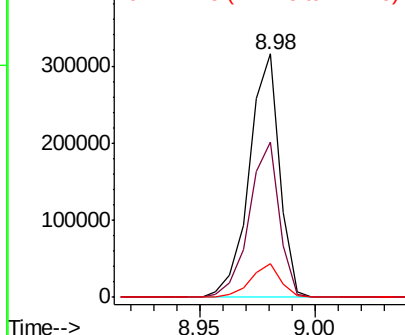
Tot Ion	Ratio	Resp	Lower	Upper
237	100	289004		
235	63.5	42.0	82.0	
272	13.9	0.0	32.4	

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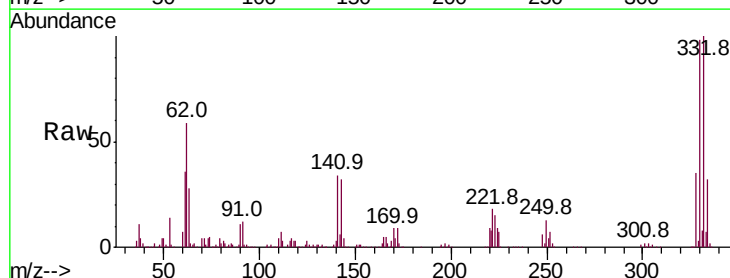


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

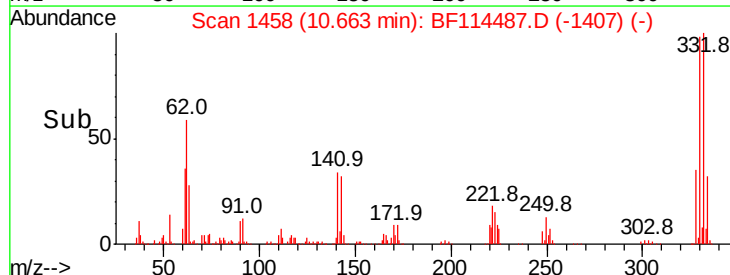
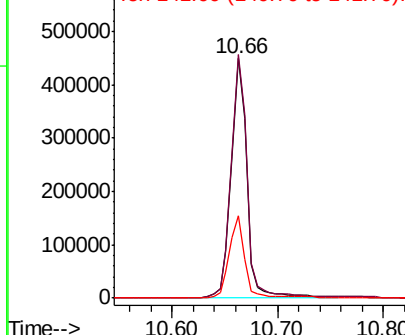


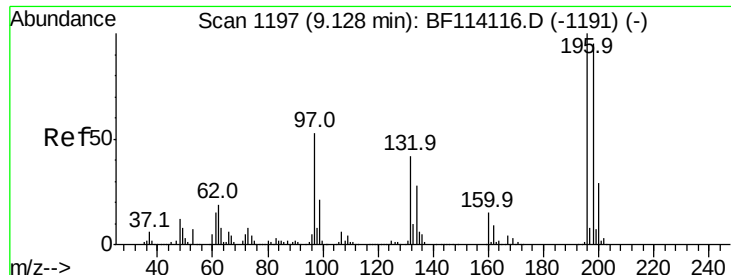
#42
2,4,6-Tribromophenol
Concen: 102.045 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	468513		
332	103.7	81.4	122.2	
141	33.2	26.6	40.0	



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





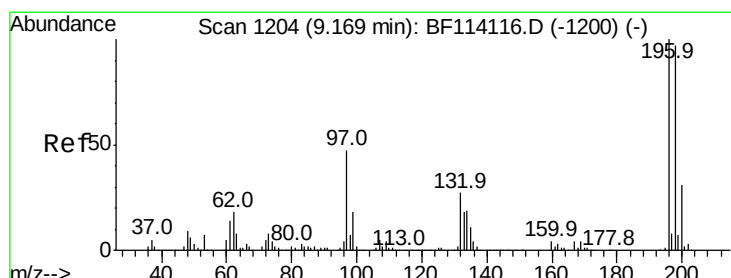
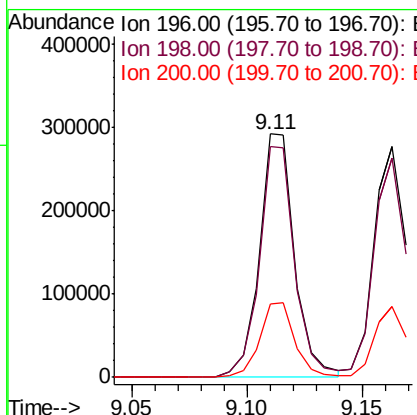
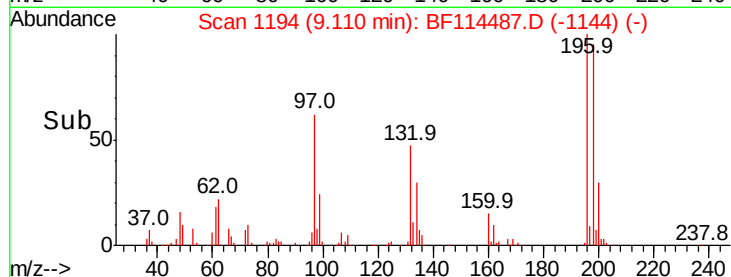
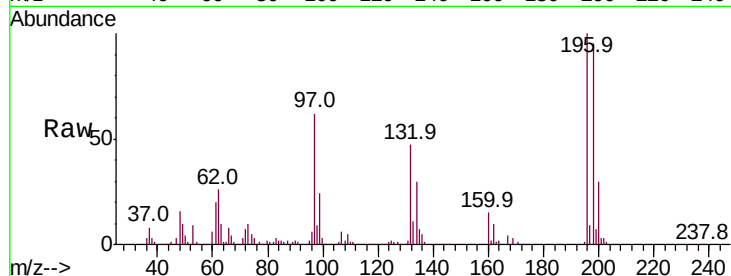
#43
 2,4,6-Trichlorophenol
 Concen: 33.623 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF114487.D
 Acq: 22 May 2019 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119674BS

Tot Ion:	196	Resp:	311123
Ion Ratio	Lower	Upper	
196	100		
198	94.6	75.9	113.9
200	30.3	23.5	35.3

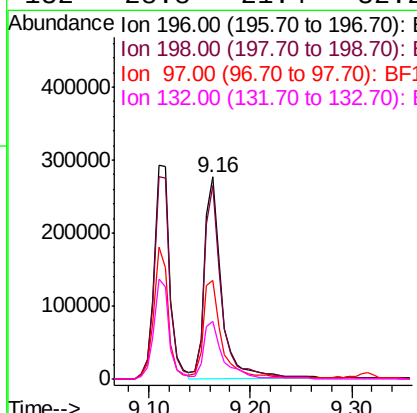
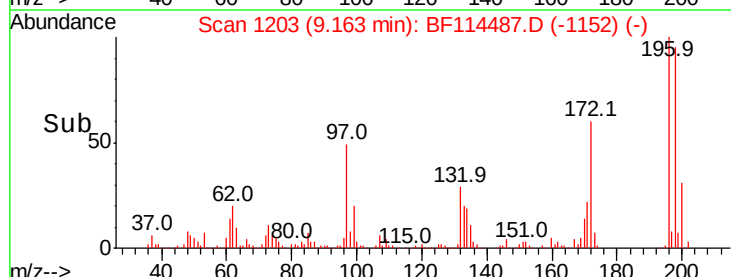
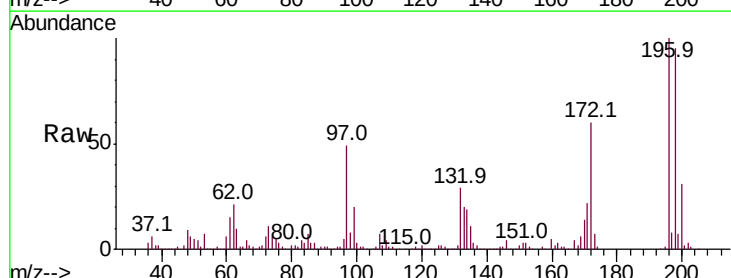
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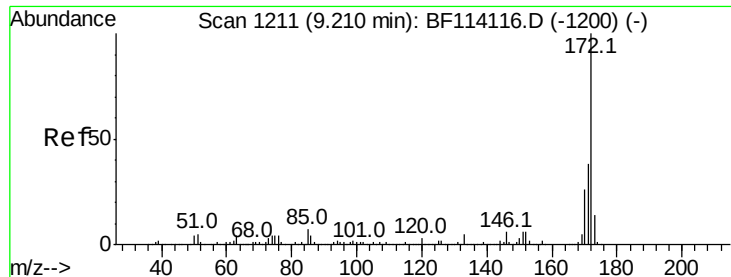
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#44
 2,4,5-Trichlorophenol
 Concen: 34.158 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF114487.D
 Acq: 22 May 2019 15:51

Tgt Ion:	196	Resp:	324143
Ion Ratio	Lower	Upper	
196	100		
198	95.4	77.7	116.5
97	48.9	38.2	57.2
132	28.8	21.4	32.2





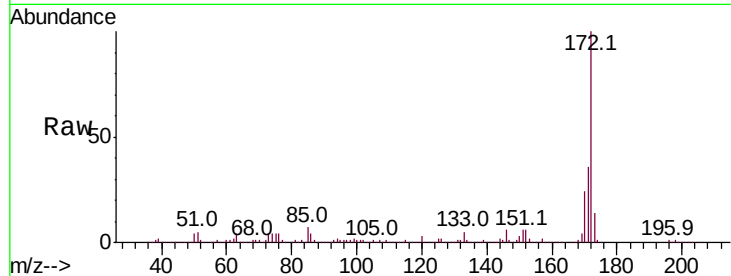
#45
2-Fluorobiphenyl
Concen: 78.437 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampleId :
PB119674BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.7	46.1
170	24.0	20.5	30.7

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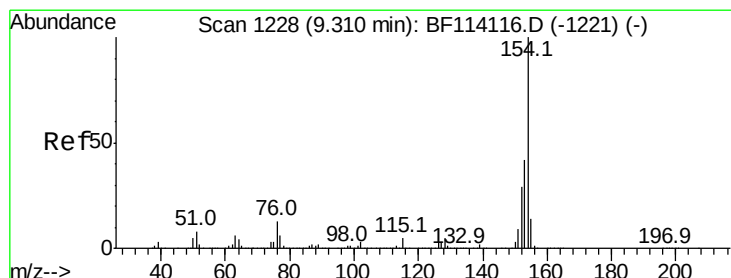
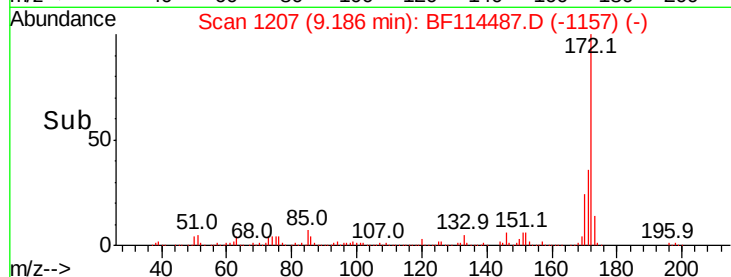
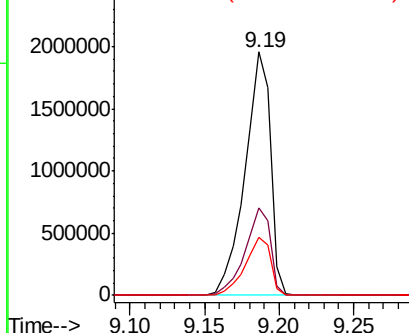


Abundance

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: 37.009 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

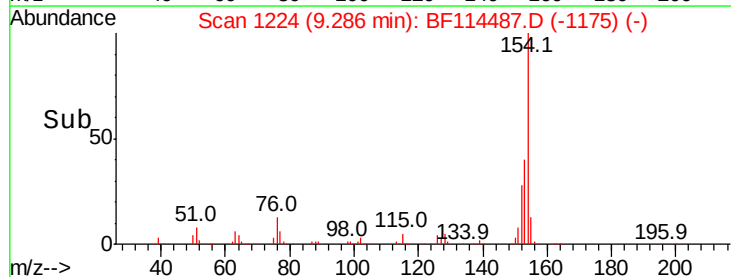
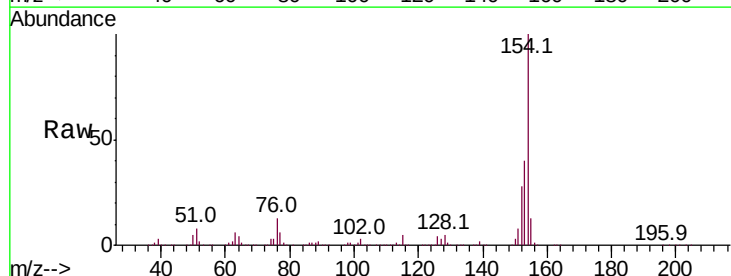
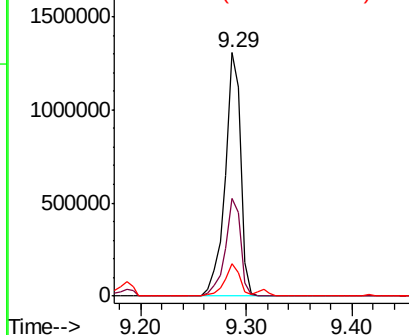
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.9	61.9
76	13.2	0.0	32.8

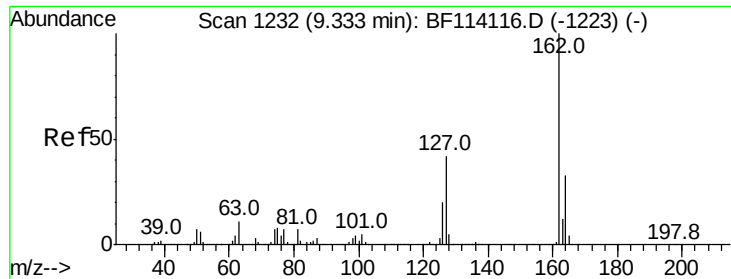
Abundance

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





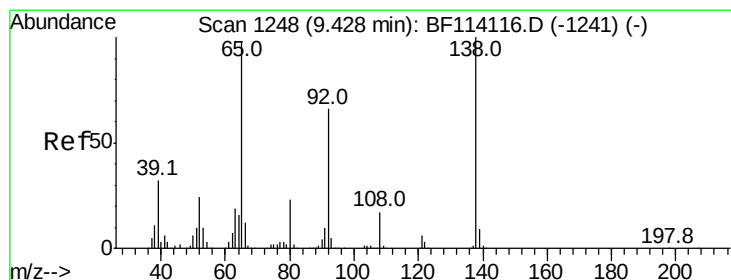
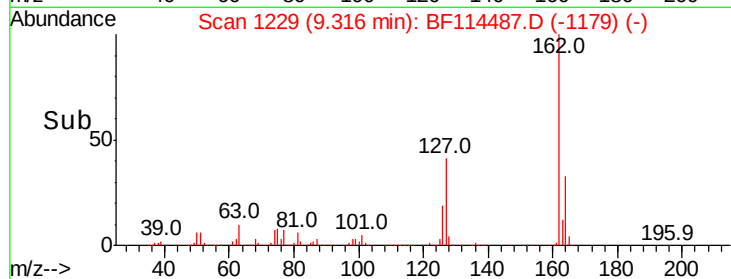
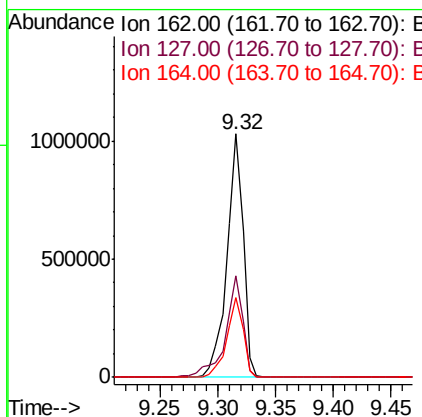
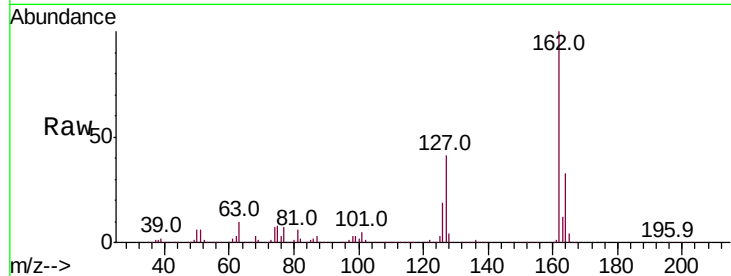
#47
 2-Chloronaphthalene
 Concen: 34.917 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF114487.D
 Acq: 22 May 2019 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119674BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	34.0	51.0
164	32.9	26.7	40.1

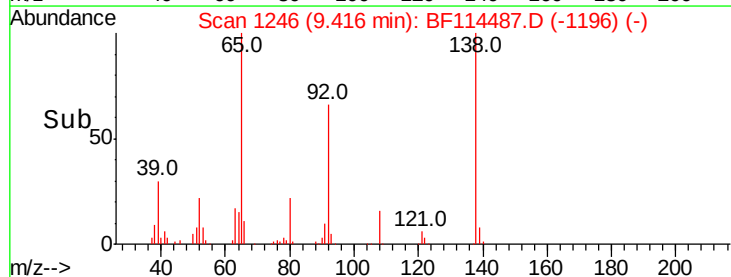
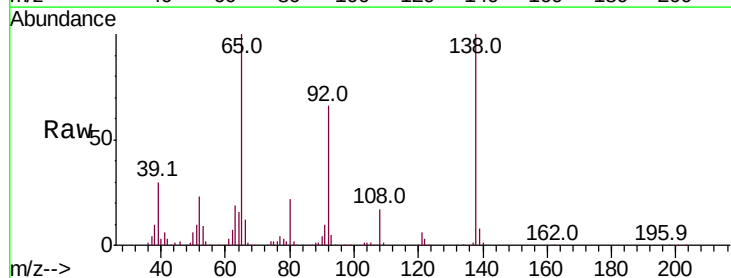
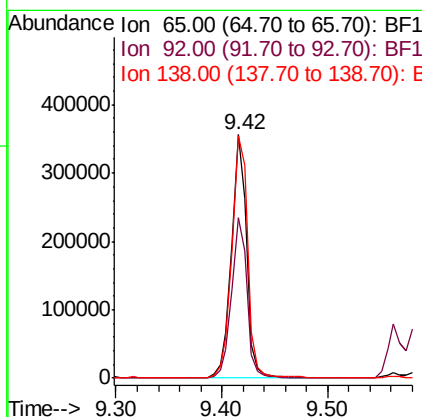
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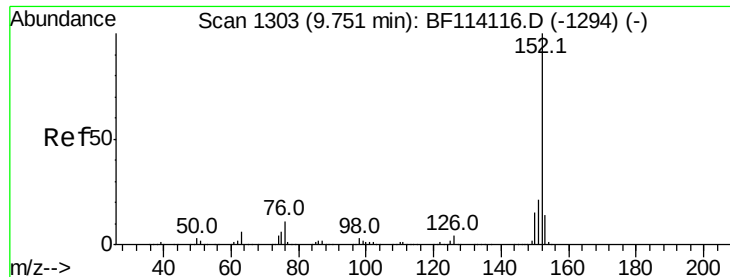
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#48
 2-Nitroaniline
 Concen: 34.215 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114487.D
 Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	53.9	80.9
138	99.7	81.4	122.0





#49

Acenaphthylene

Concen: 36.506 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Instrument :

BNA_F

ClientSampleId :

PB119674BS

Tot Ion:152 Resp: 1603183

Ion Ratio Lower Upper

152 100

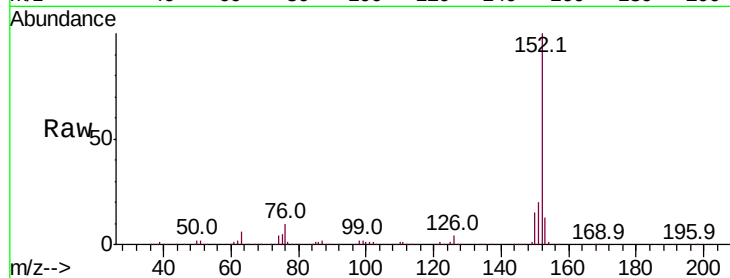
151 20.4 16.8 25.2

153 13.5 11.4 17.2

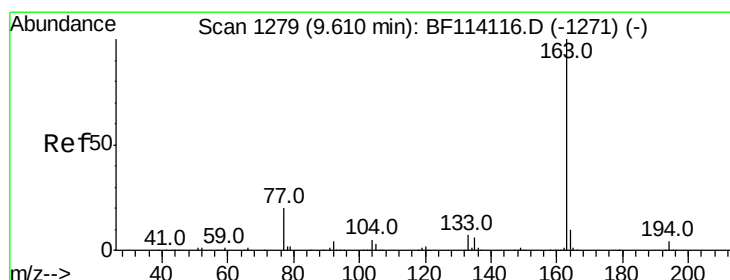
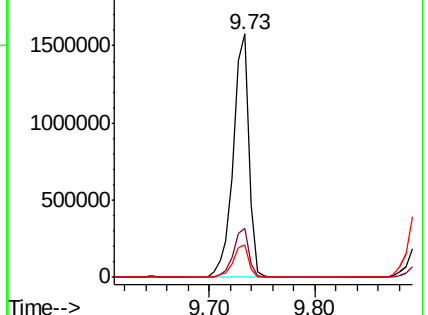
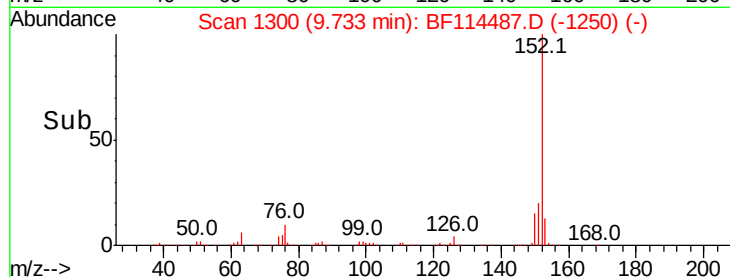
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.646 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

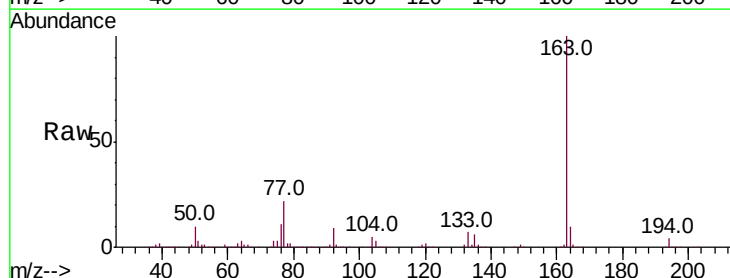
Tgt Ion:163 Resp: 1162087

Ion Ratio Lower Upper

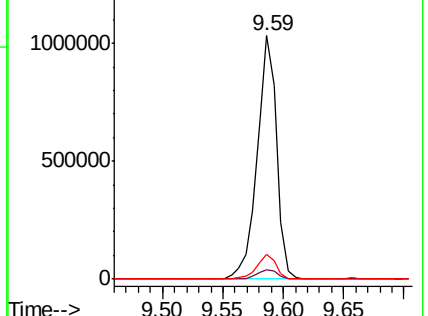
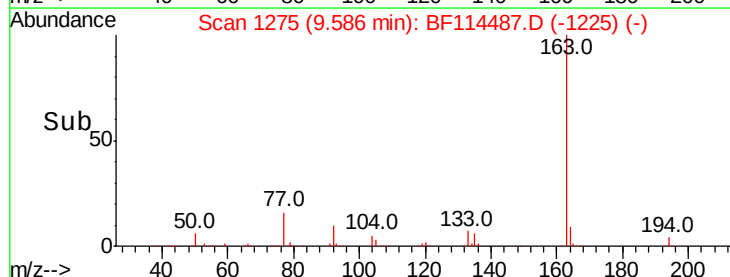
163 100

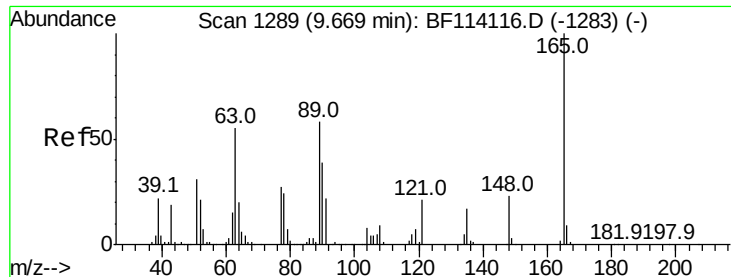
194 4.0 3.4 5.0

164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 36.430 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Instrument :

BNA_F

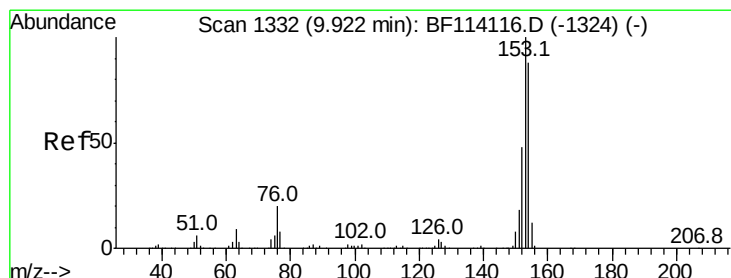
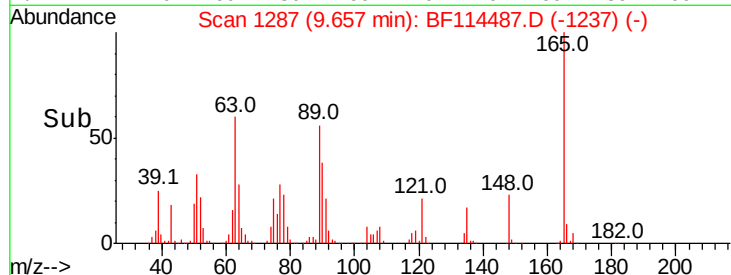
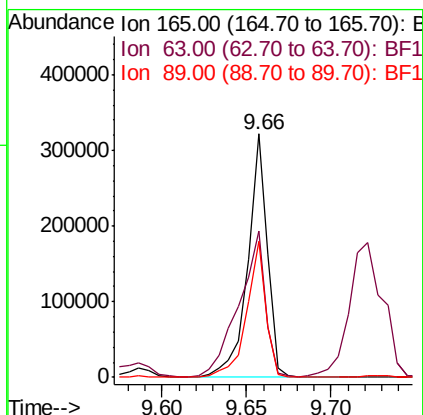
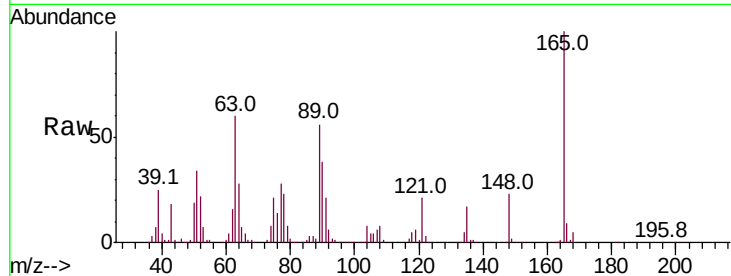
ClientSampleId :

PB119674BS

Tot Ion:	165	Resp:	263421
Ion Ratio	Lower	Upper	
165	100		
63	59.9	50.2	75.4
89	56.1	46.6	69.8

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#52

Acenaphthene

Concen: 34.676 ng

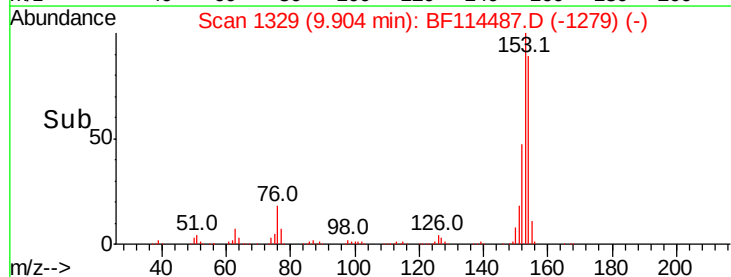
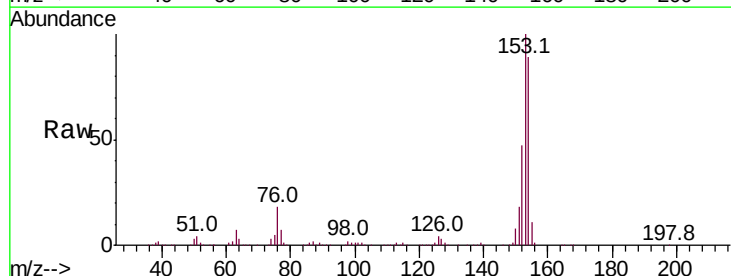
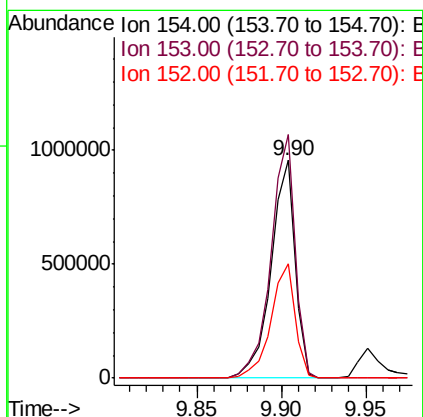
RT: 9.90 min Scan# 1329

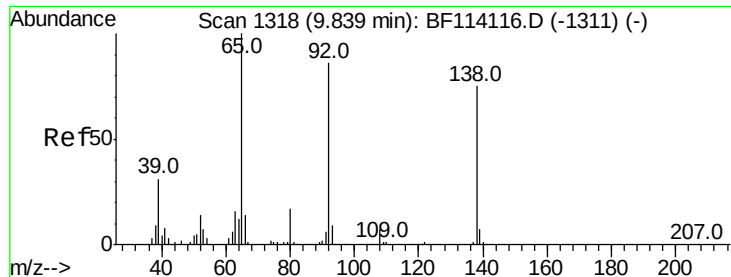
Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Tgt Ion:	154	Resp:	934460
Ion Ratio	Lower	Upper	
154	100		
153	111.8	90.5	135.7
152	52.7	43.4	65.2





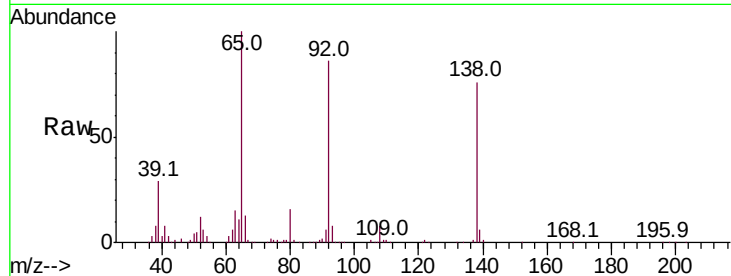
#53
3-Nitroaniline
Concen: 21.339 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampleId :
PB119674BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.5	7.8	11.6	
92	113.9	91.2	136.8	

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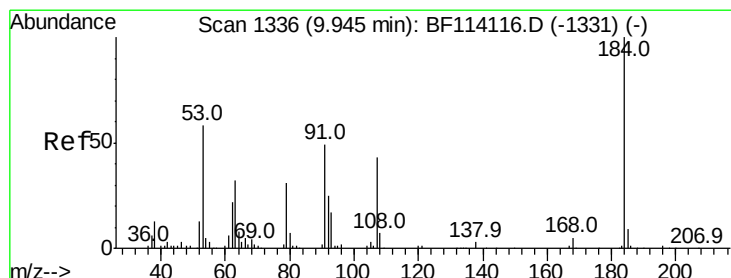
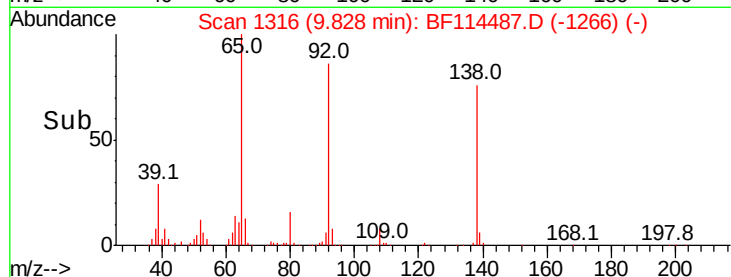
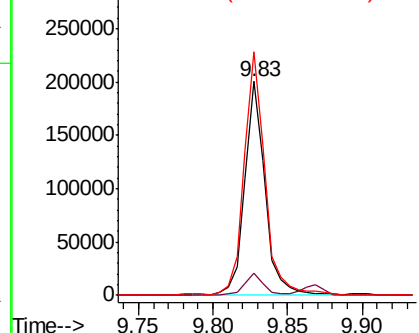


Abundance

Ion 138.00 (137.70 to 138.70): E

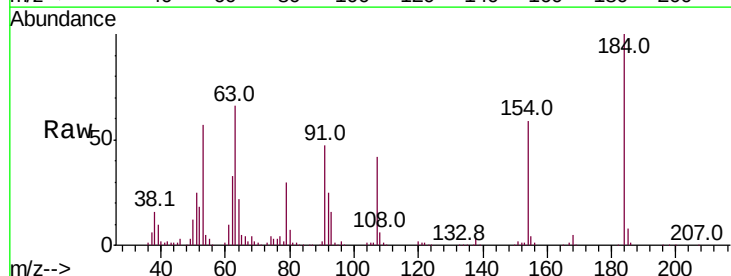
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 67.709 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	65.8	55.6	83.4	
154	58.9	46.0	69.0	

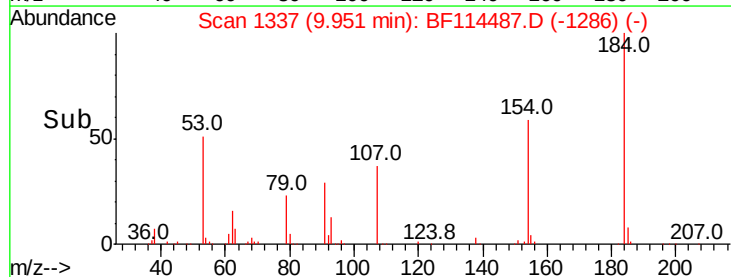
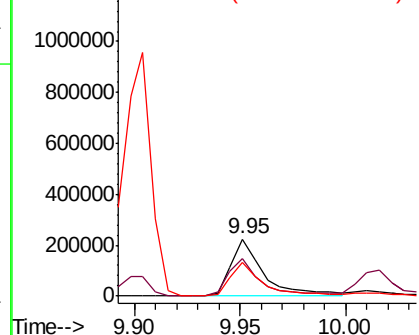


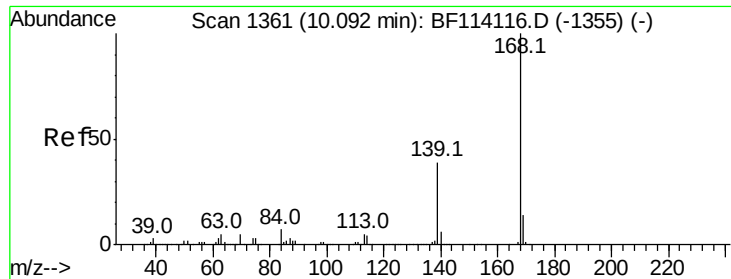
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





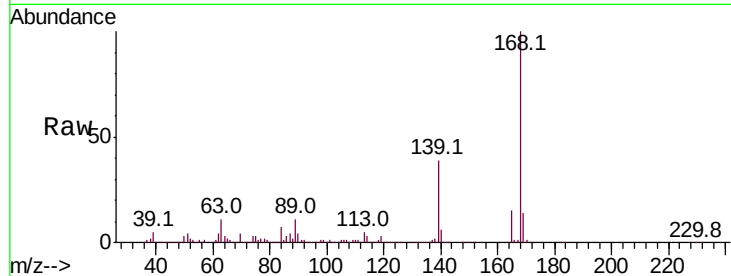
#55
Dibenzofuran
Concen: 34.385 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampleId :
PB119674BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	31.1	46.7
169	13.9	11.4	17.0

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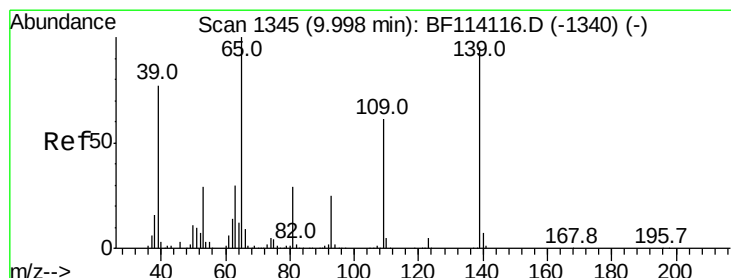
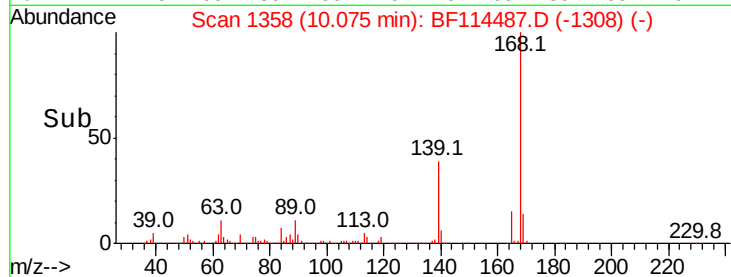
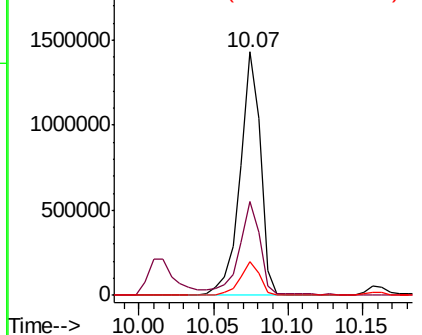


Abundance

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: 44.532 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

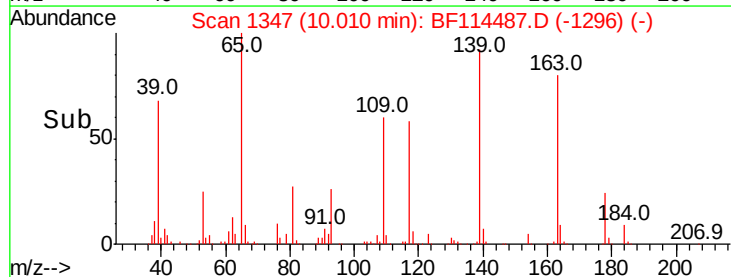
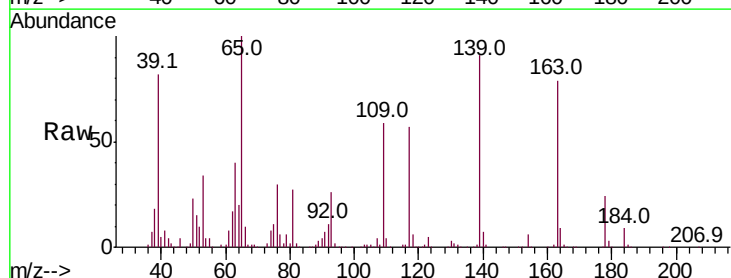
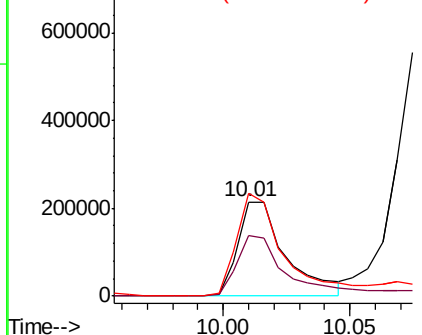
Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.0	43.9	83.9
65	109.9	85.7	125.7

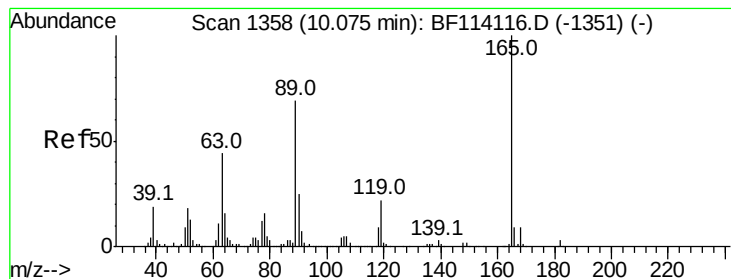
Abundance

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: 33.537 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Instrument :

BNA_F

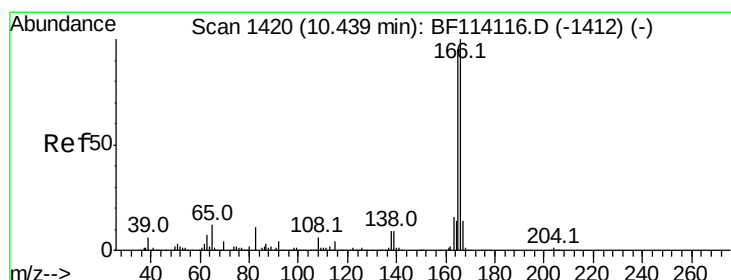
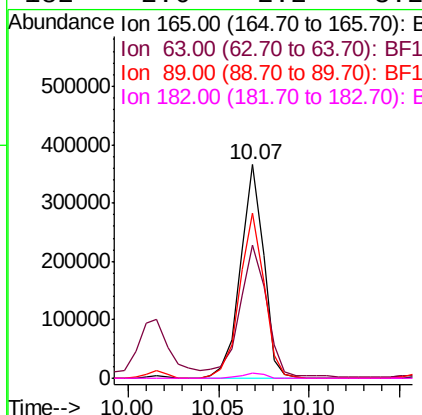
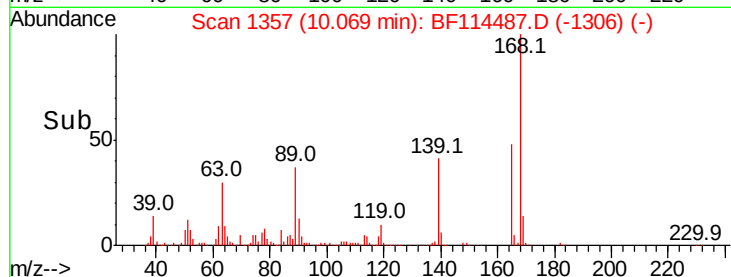
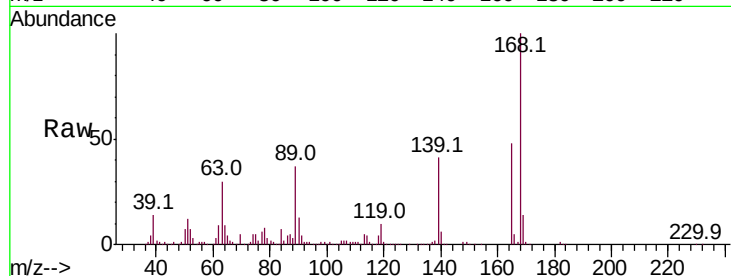
ClientSampled :

PB119674BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	329144		
63	62.2	35.5	53.3#	
89	77.4	55.2	82.8	
182	2.6	2.2	3.2	

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#58

Fluorene

Concen: 36.467 ng

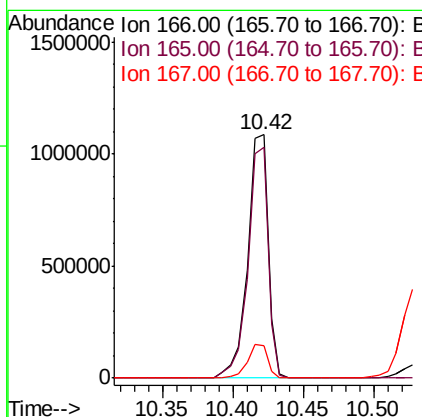
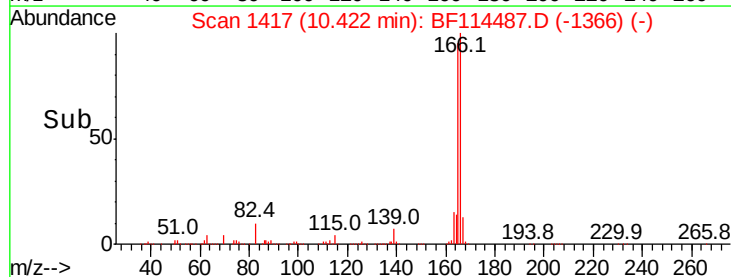
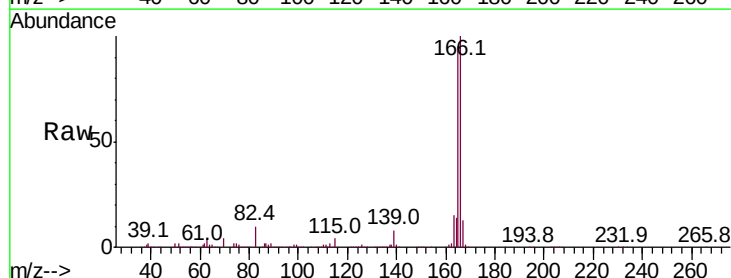
RT: 10.42 min Scan# 1417

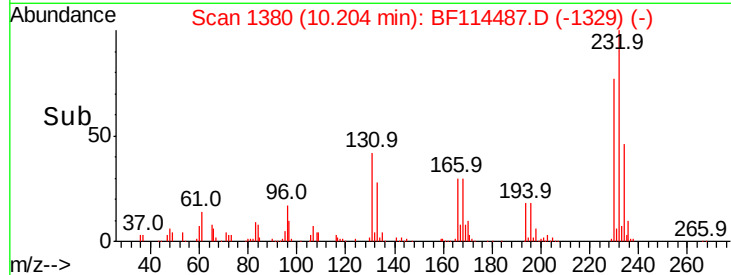
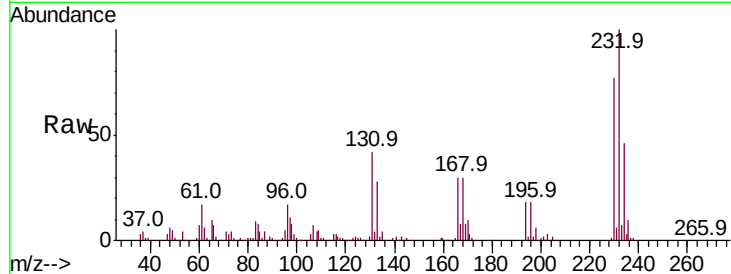
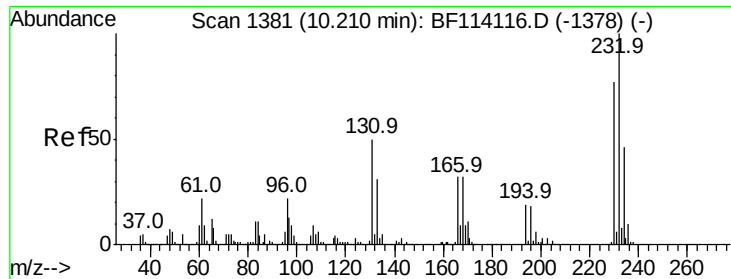
Delta R.T. 0.00 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1113054		
165	94.8	76.1	114.1	
167	13.4	11.1	16.7	





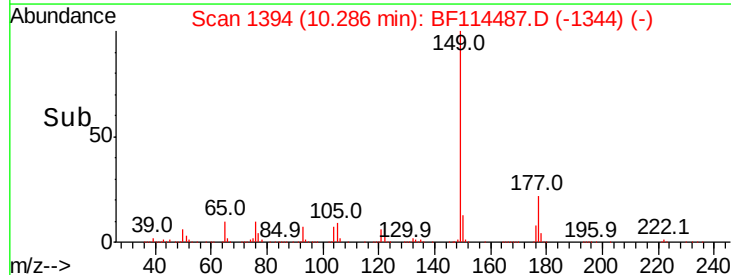
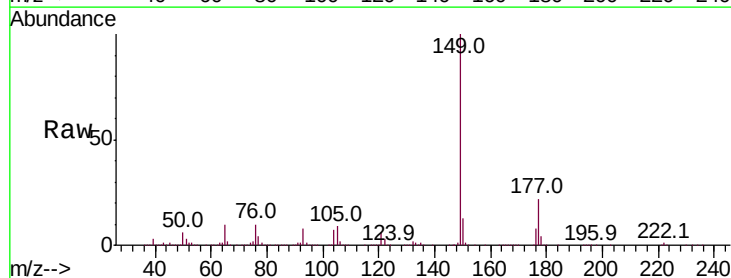
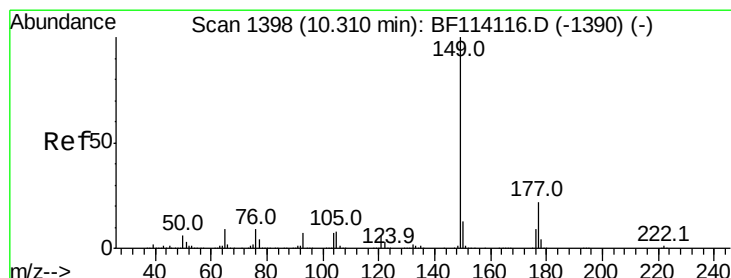
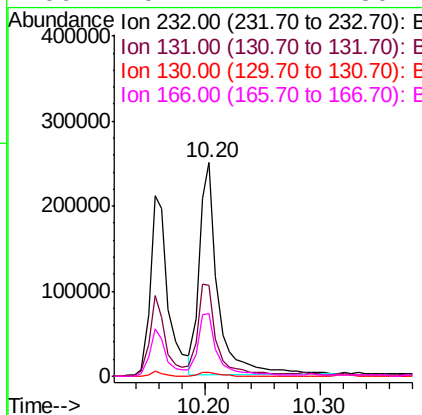
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.391 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampleId :
PB119674BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	281595		
131	43.3		35.6	53.4
130	2.3		1.6	2.4
166	29.4		24.1	36.1

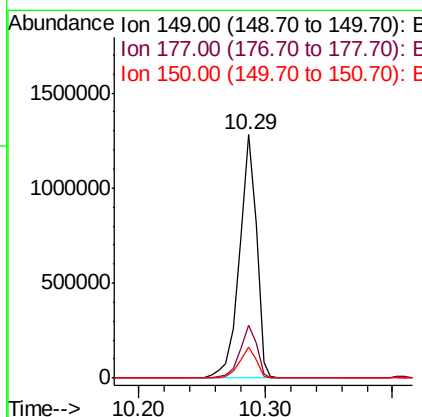
Manual Integrations
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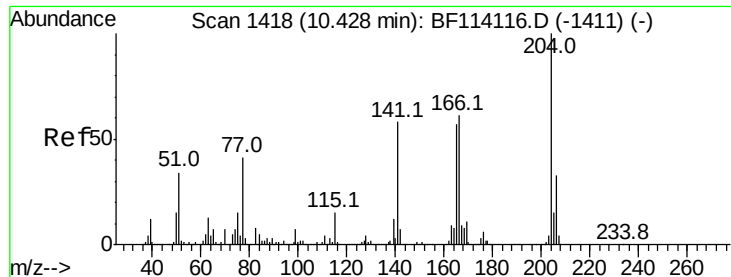
mohammad
5/23/2019 4:07:52 AM



#60
Diethylphthalate
Concen: 35.420 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1173270		
177	21.6		17.8	26.6
150	12.9		10.2	15.2





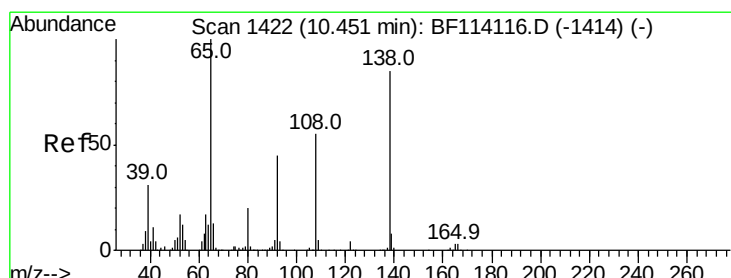
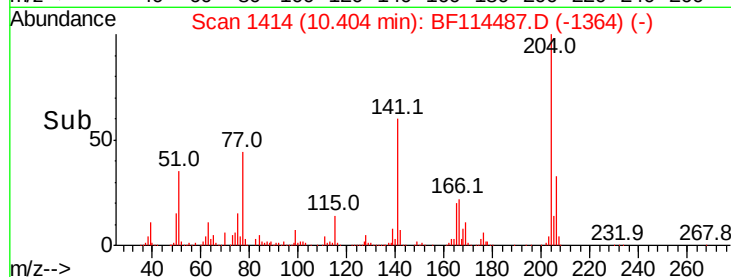
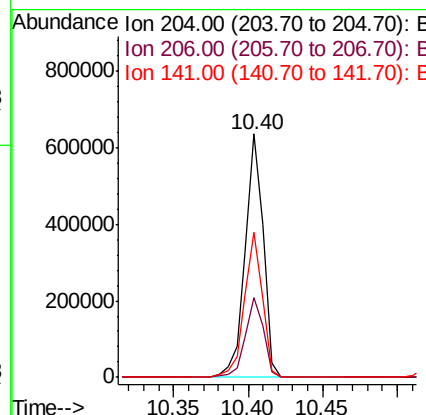
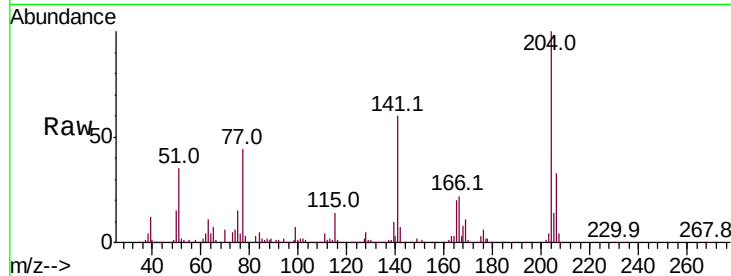
#61
4-Chlorophenyl-phenylether
Concen: 35.899 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampled :
PB119674BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	538171		
206	32.8		26.6	39.8
141	59.6		46.4	69.6

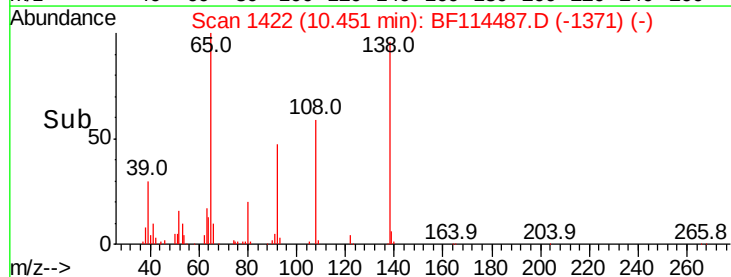
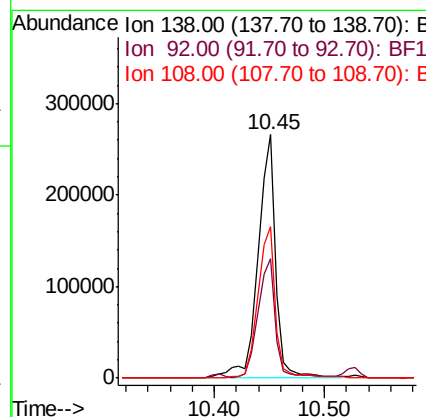
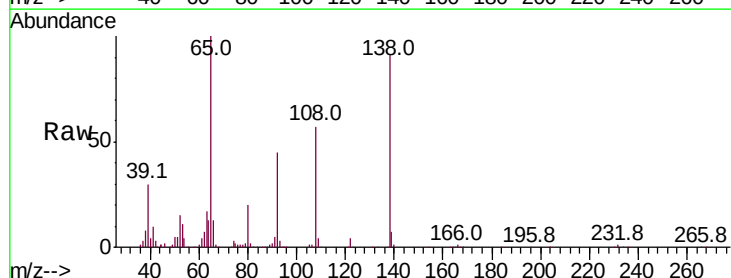
Manual Integrations
APPROVED

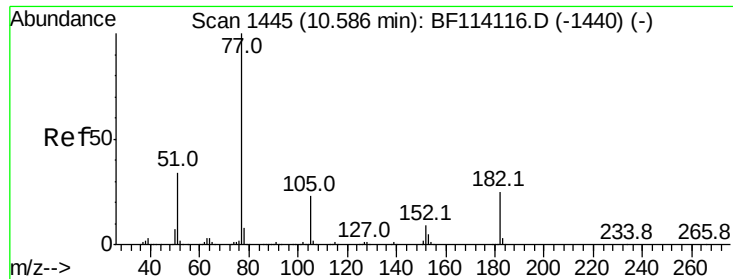
mohammad
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#62
4-Nitroaniline
Concen: 31.802 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	299966		
92	49.0		33.0	73.0
108	62.3		44.9	84.9





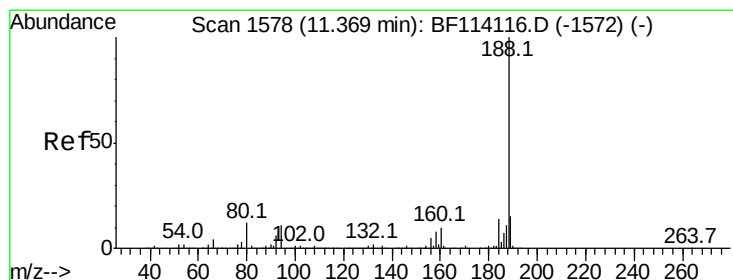
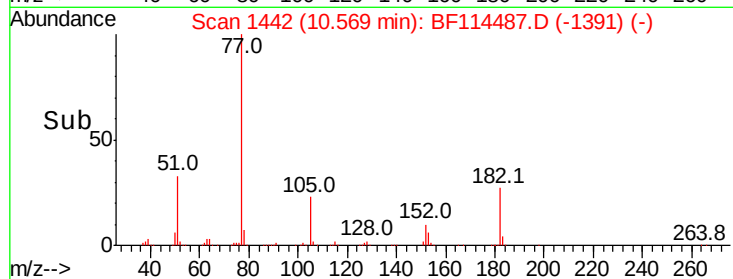
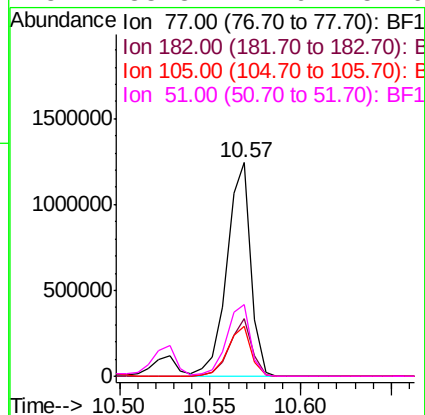
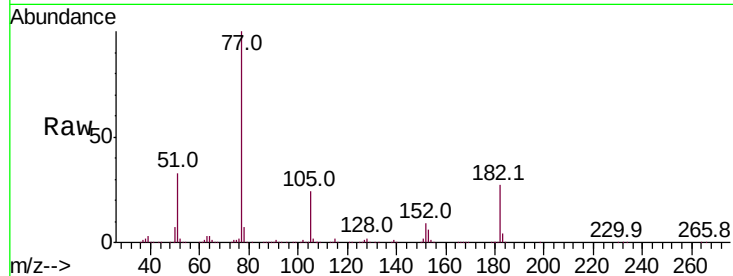
#63
Azobenzene
Concen: 35.465 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampleId :
PB119674BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.8	4.7	44.7
105	23.7	2.9	42.9
51	33.3	14.6	54.6

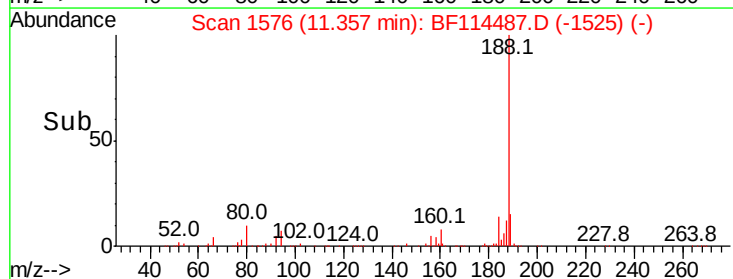
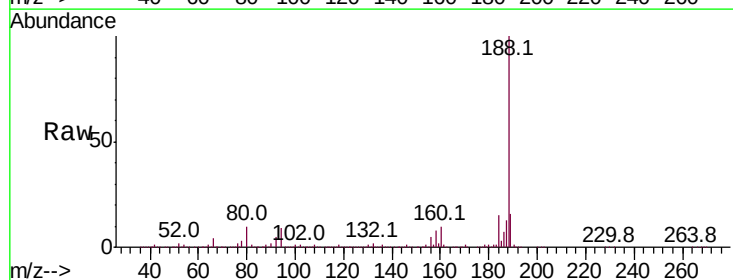
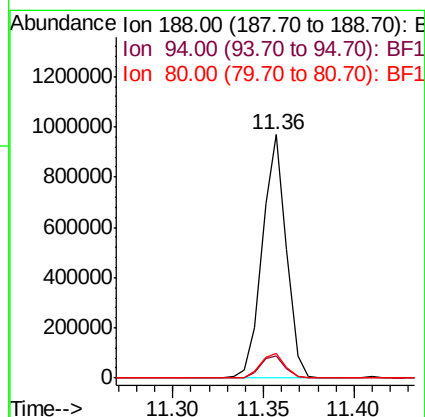
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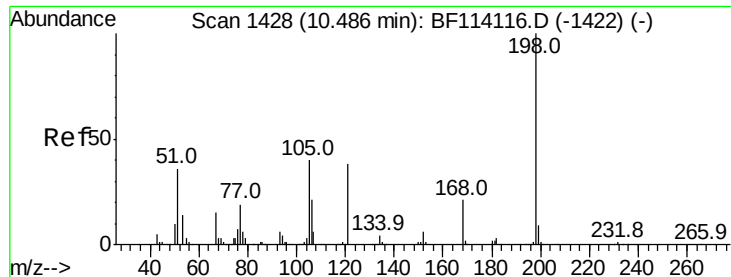
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.4	12.6
80	10.2	9.2	13.8





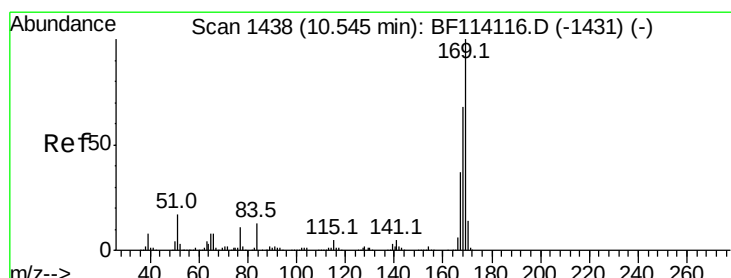
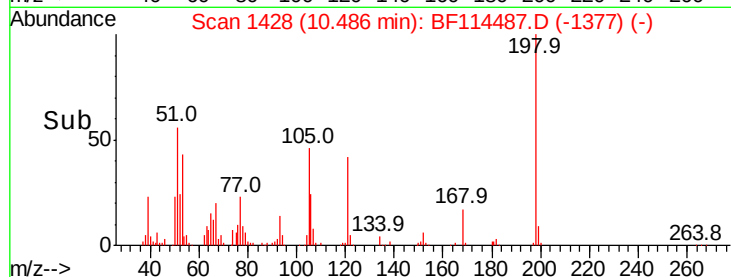
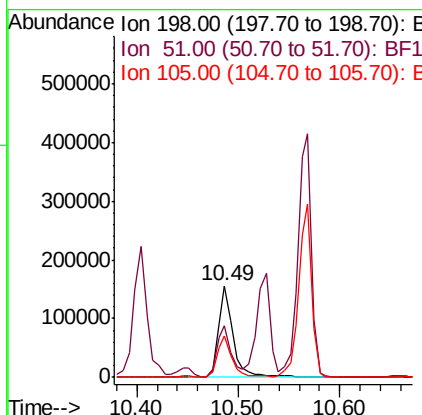
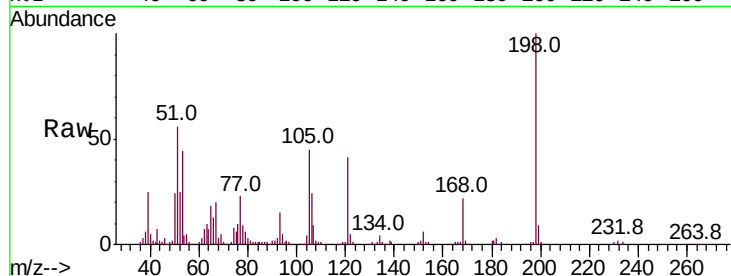
#65
4,6-Dinitro-2-methylphenol
Concen: 37.150 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampled :
PB119674BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	158496		
51	56.2	28.0	68.0	
105	45.5	21.1	61.1	

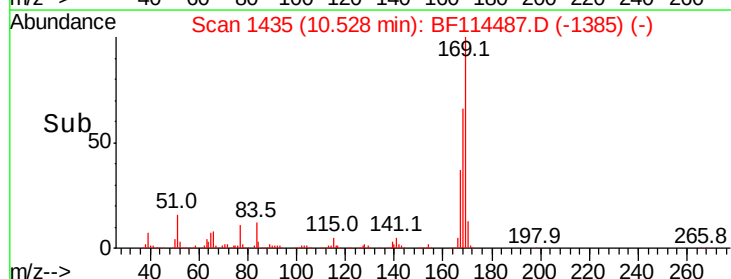
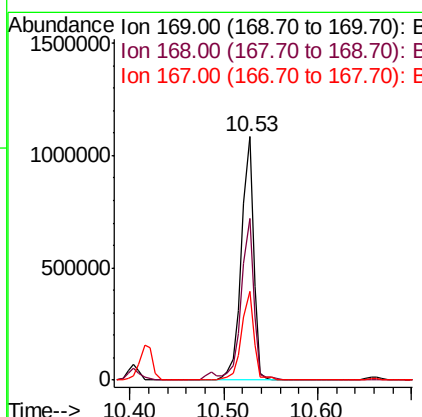
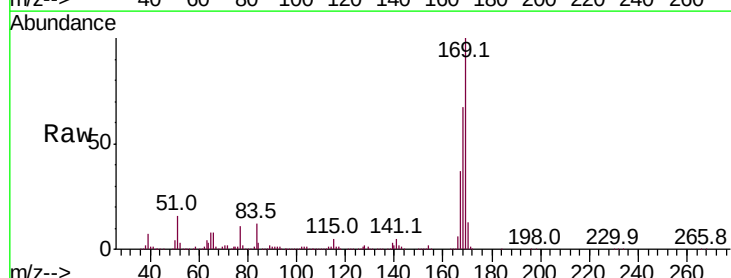
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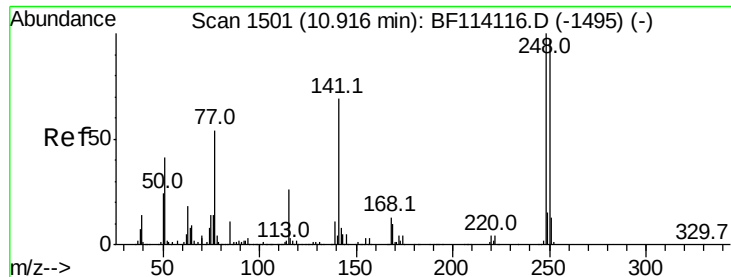
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 36.712 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	989294		
168	66.7	54.2	81.2	
167	36.6	29.8	44.8	





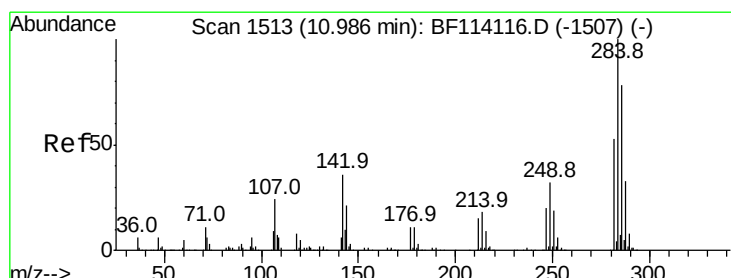
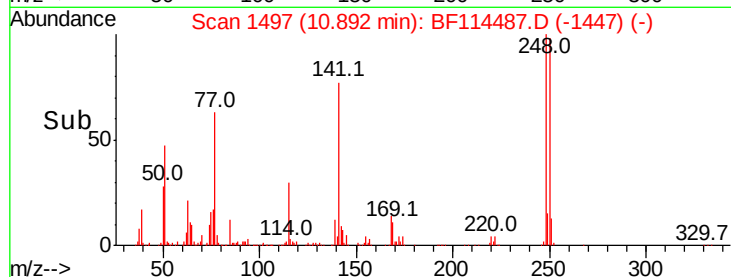
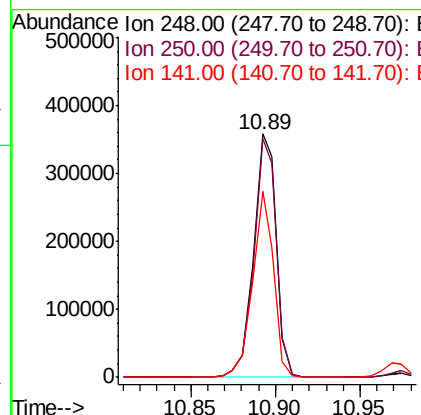
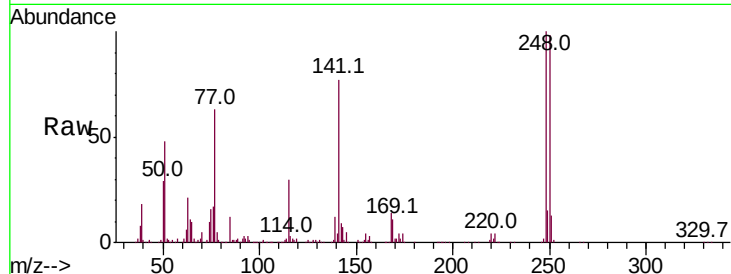
#67
4-Bromophenyl-phenylether
Concen: 34.527 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampleId :
PB119674BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.8	77.4	116.2	
141	76.6	55.6	83.4	

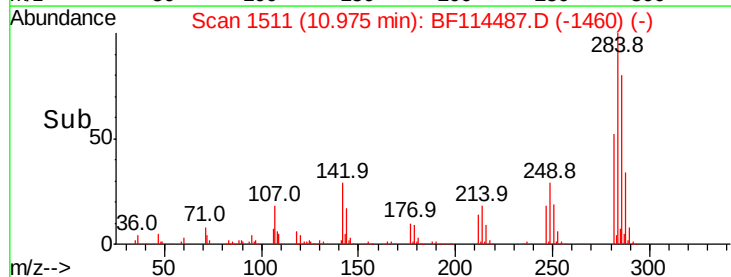
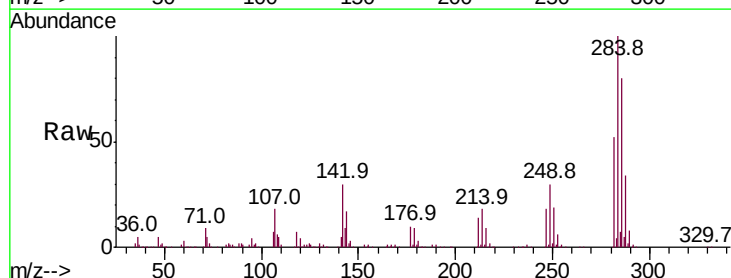
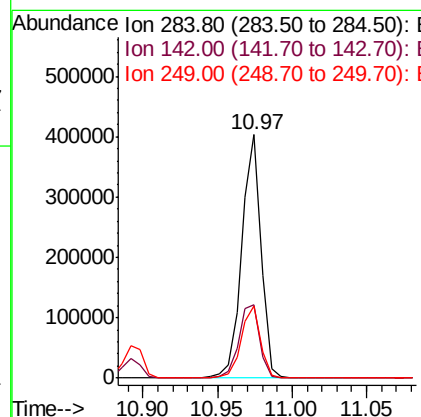
Manual Integrations
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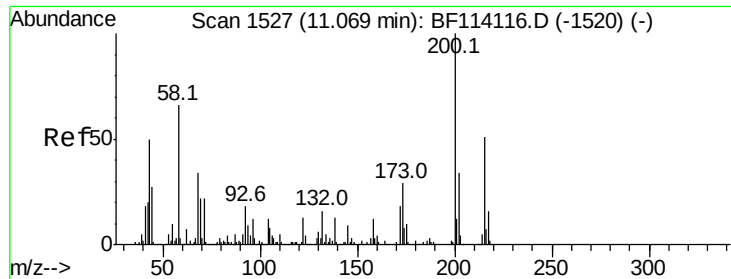
mohammad
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#68
Hexachlorobenzene
Concen: 33.890 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.2	28.4	42.6	
249	29.7	25.2	37.8	





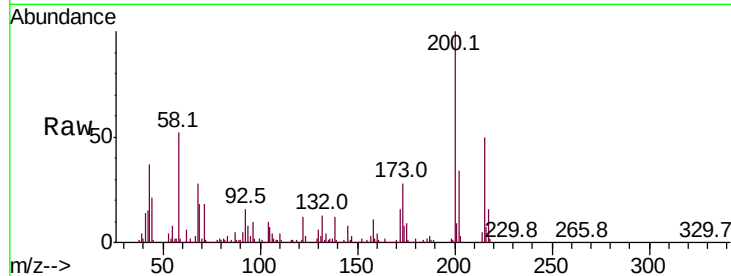
#69
Atrazine
Concen: 35.870 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampleId :
PB119674BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.8	8.9	48.9
215	50.3	30.7	70.7

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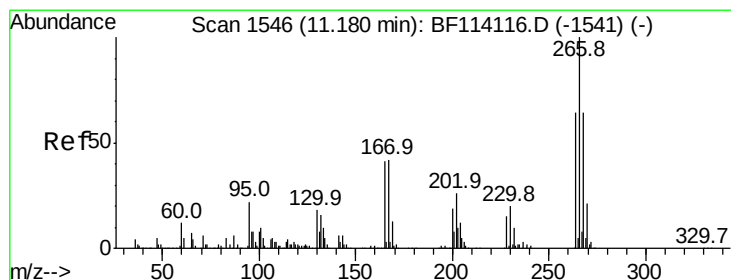
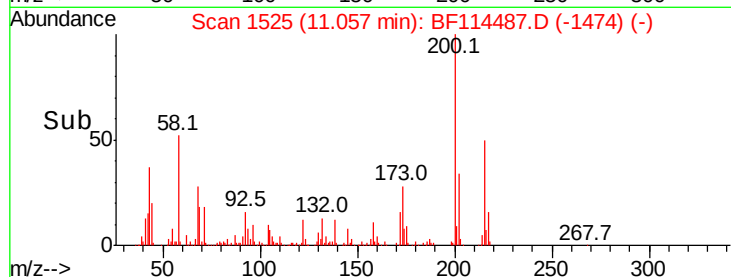
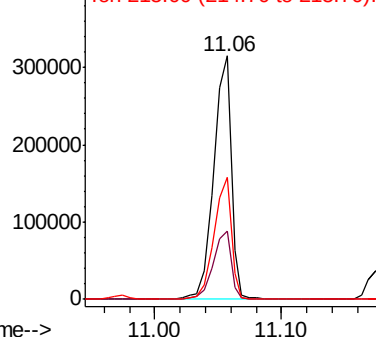


Abundance

Ion 200.00 (199.70 to 200.70): E

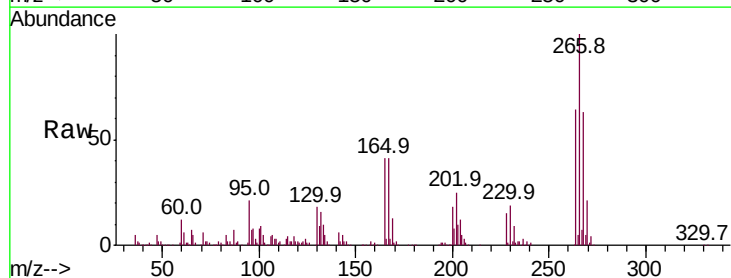
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 57.019 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.7	51.1	76.7
264	64.3	51.1	76.7

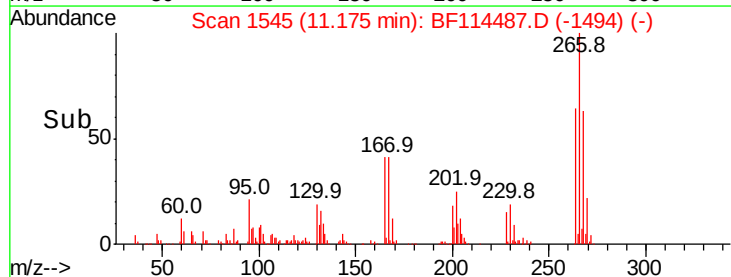
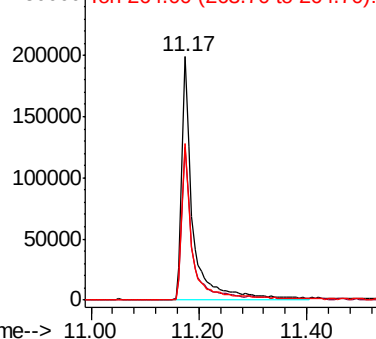


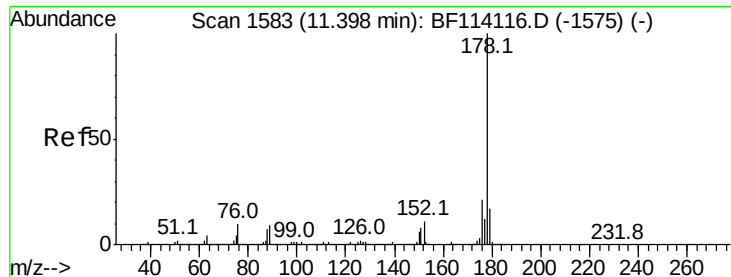
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.255 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Instrument :

BNA_F

ClientSampleId :

PB119674BS

Tot Ion:178 Resp: 1566116

Ion Ratio Lower Upper

178 100

176 20.1 16.4 24.6

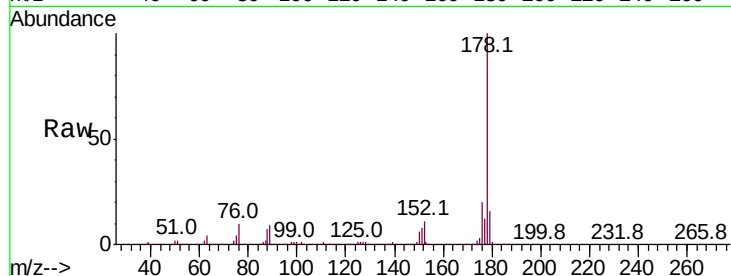
179 16.0 13.2 19.8

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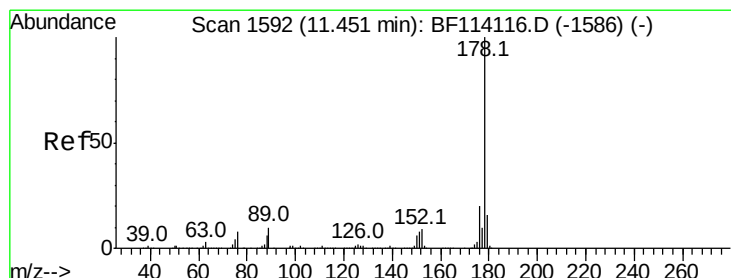
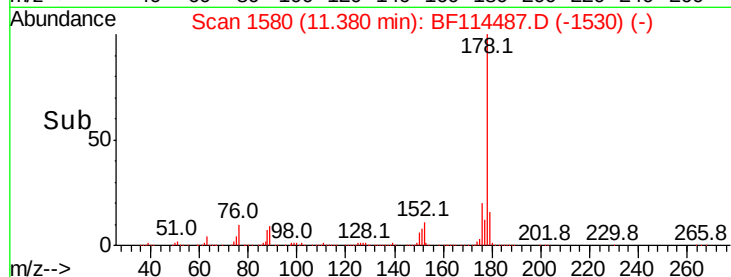
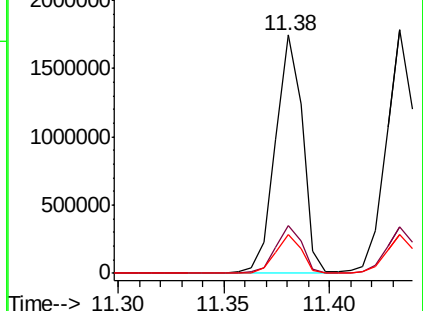
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.922 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Tgt Ion:178 Resp: 1645315

Ion Ratio Lower Upper

178 100

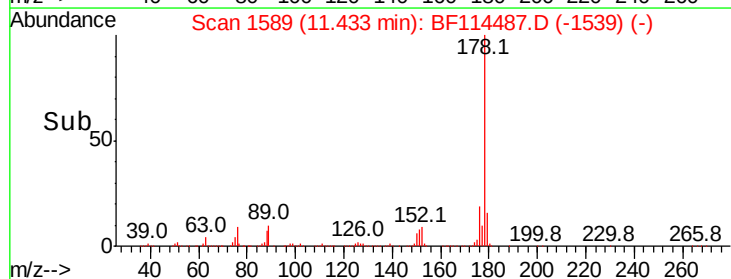
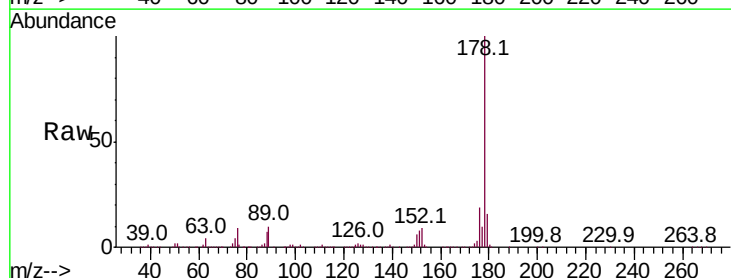
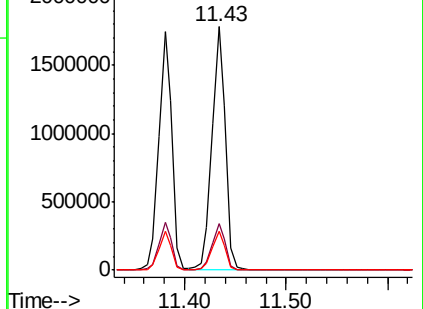
176 19.1 15.8 23.8

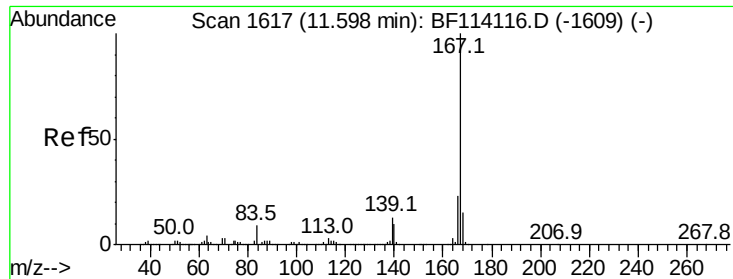
179 16.1 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.342 ng

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Instrument :

BNA_F

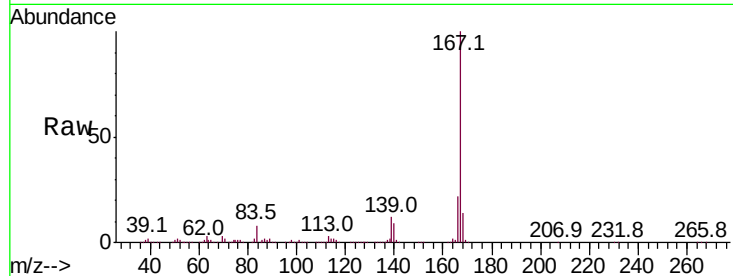
ClientSampleId :

PB119674BS

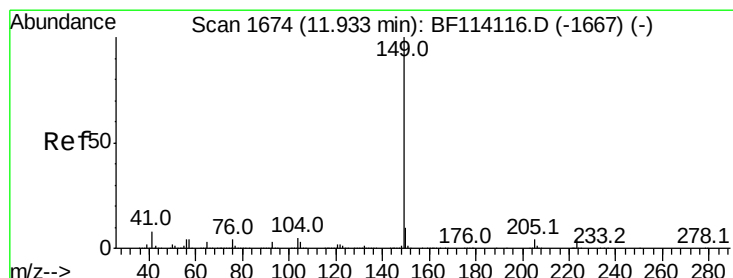
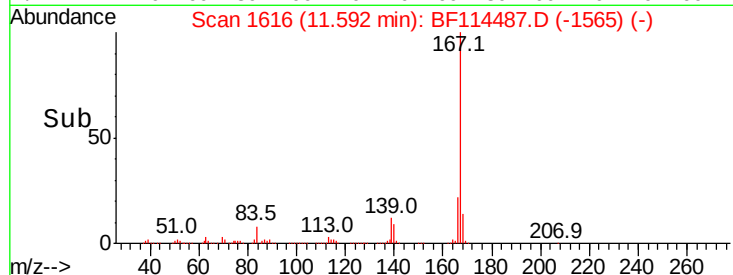
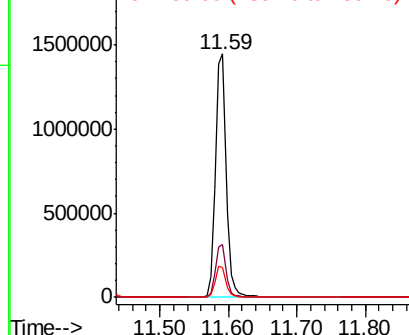
Tot Ion:	167	Resp:	1544967
Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.2
139	12.4	10.6	16.0

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.827 ng

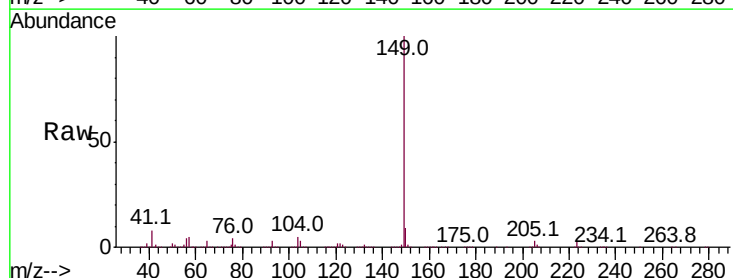
RT: 11.91 min Scan# 1670

Delta R.T. 0.00 min

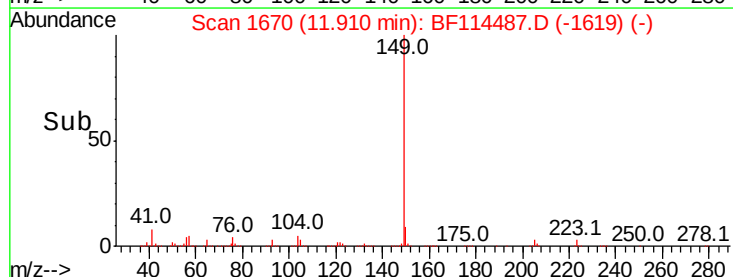
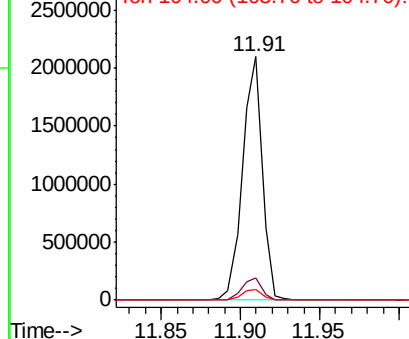
Lab File: BF114487.D

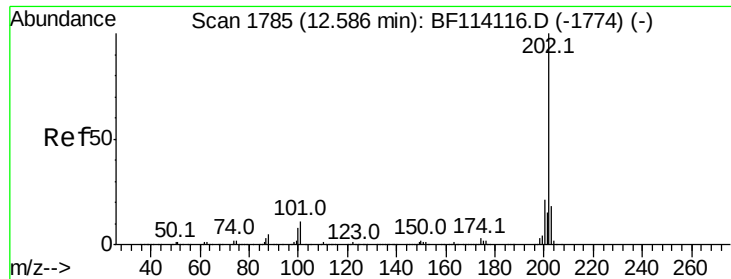
Acq: 22 May 2019 15:51

Tgt Ion:	149	Resp:	1803074
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.6	3.6	5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.366 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Instrument :

BNA_F

ClientSampleId :

PB119674BS

Tot Ion:202 Resp: 1691658

Ion Ratio Lower Upper

202 100

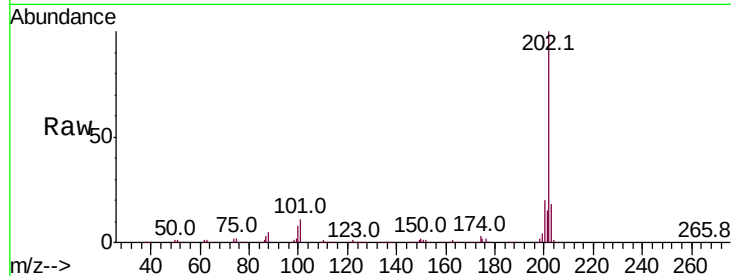
101 11.2 0.0 31.0

203 18.0 0.0 38.4

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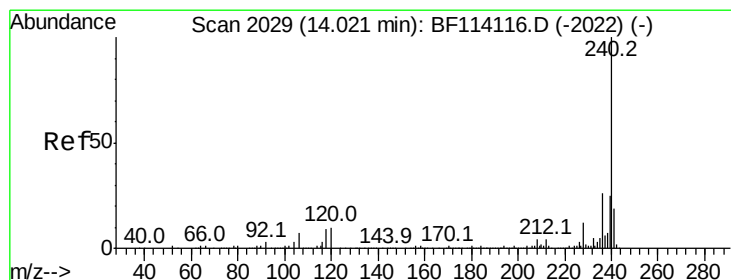
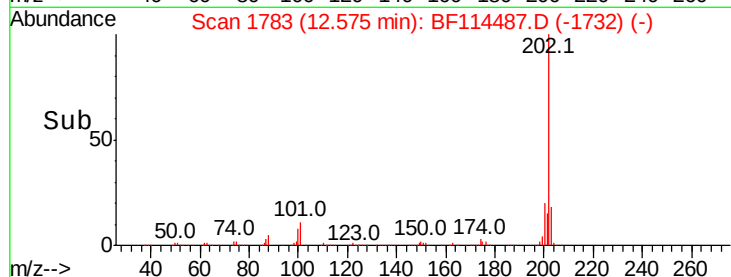
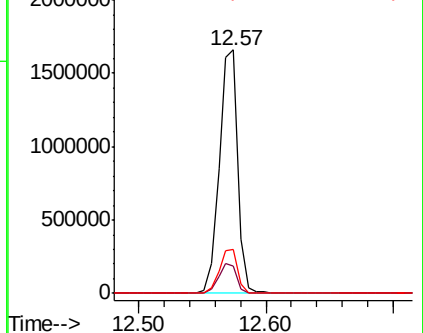
5/23/2019 4:07:52 AM



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: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Tgt Ion:240 Resp: 617120

Ion Ratio Lower Upper

240 100

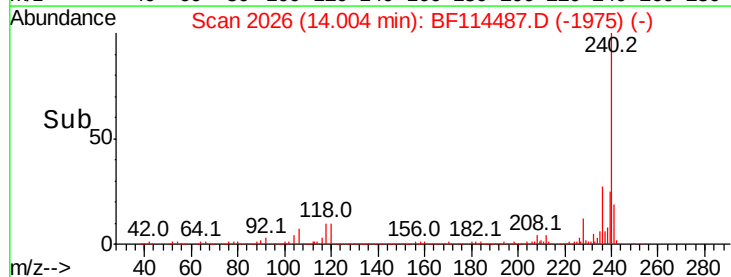
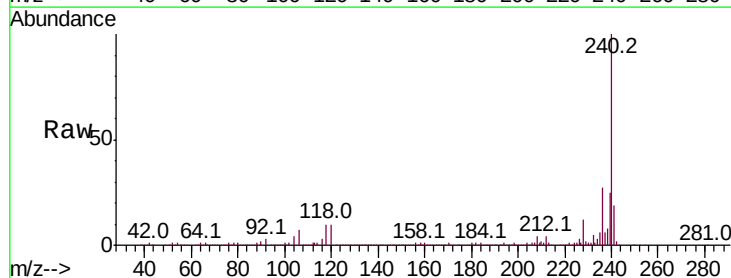
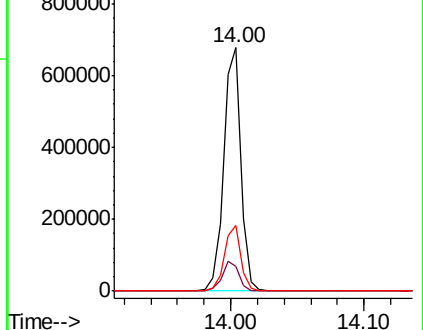
120 10.3 8.3 12.5

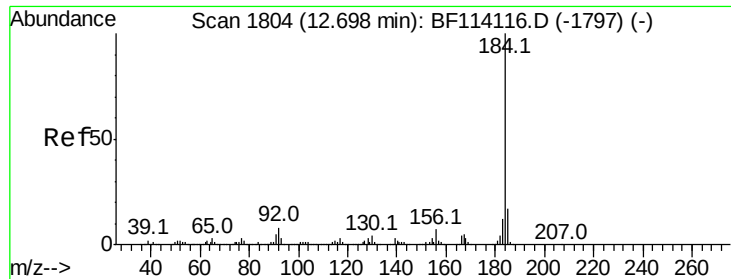
236 26.8 20.8 31.2

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





#77

Benzidine

Concen: 30.554 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Instrument :

BNA_F

ClientSampleId :

PB119674BS

Tot Ion:184 Resp: 846399

Ion Ratio Lower Upper

184 100

185 15.1 13.6 20.4

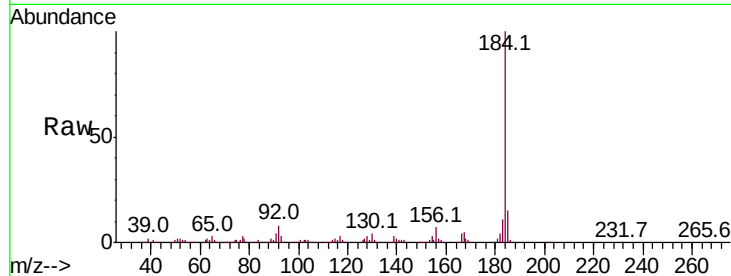
183 11.2 9.2 13.8

Manual Integrations

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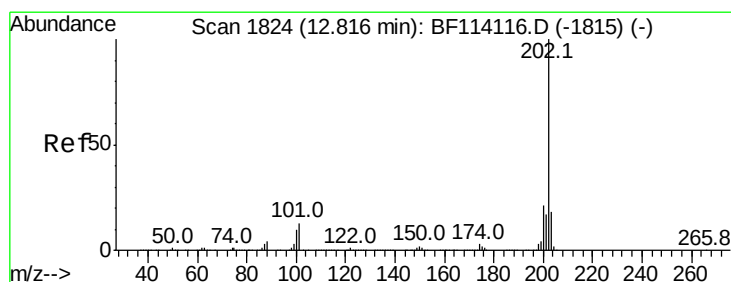
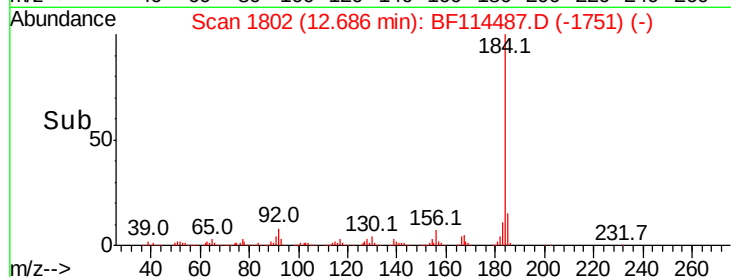
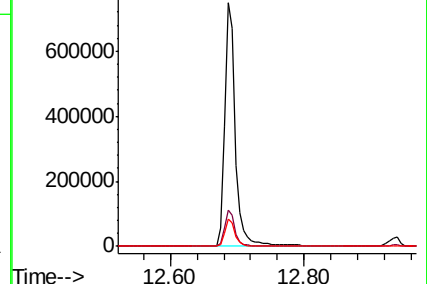
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.640 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

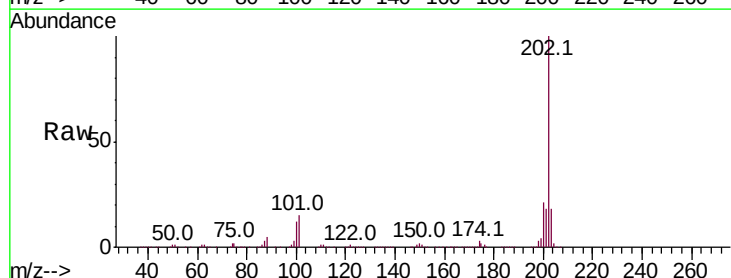
Tgt Ion:202 Resp: 1719701

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

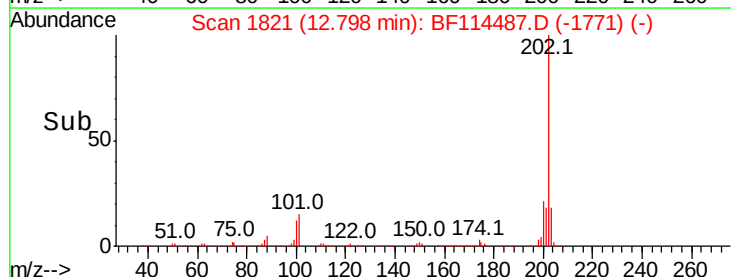
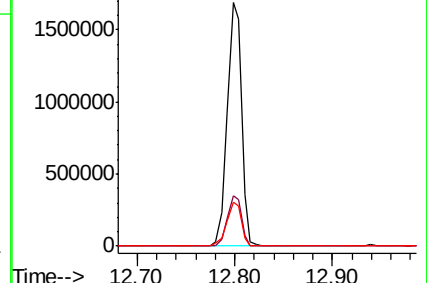
203 18.0 14.5 21.7

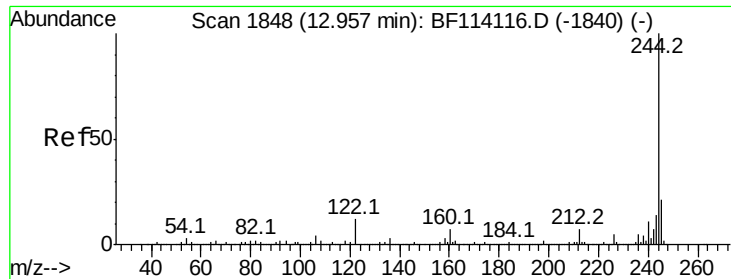


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





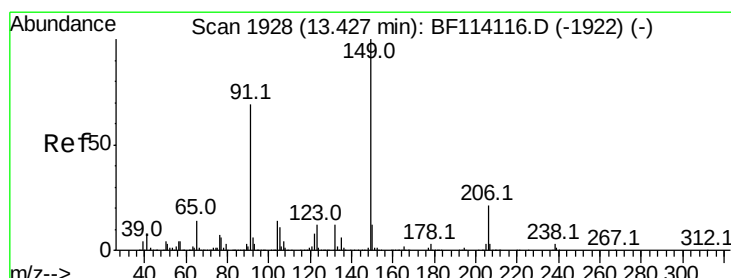
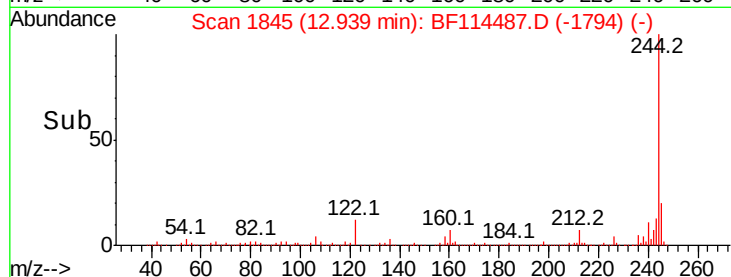
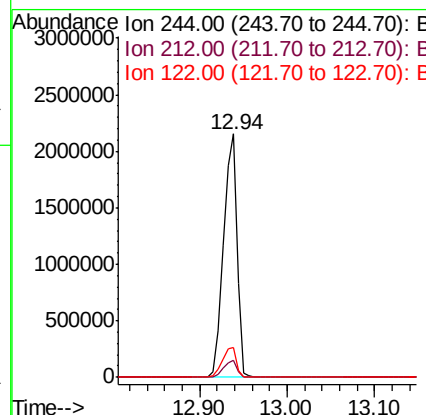
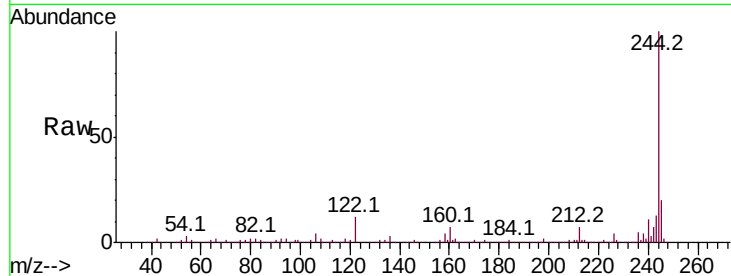
#79
 Terphenyl-d14
 Concen: 77.608 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF114487.D
 Acq: 22 May 2019 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119674BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	12.4	9.4	14.2

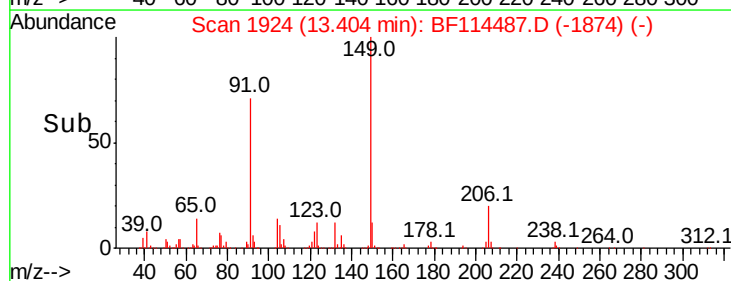
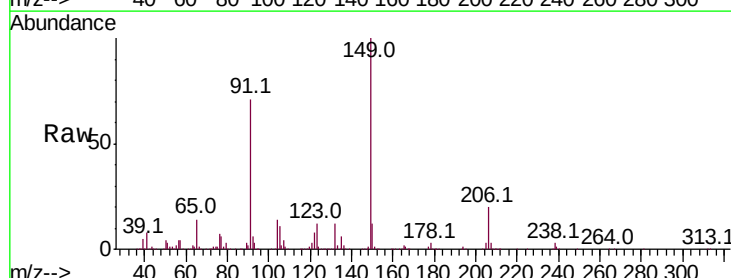
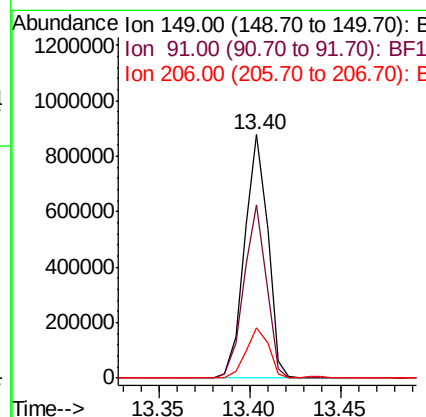
Manual Integrations
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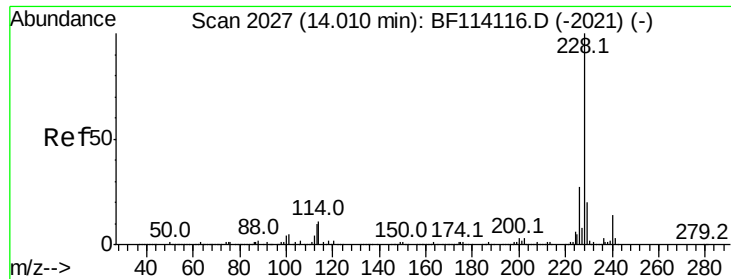
mohammad
 5/23/2019 4:07:52 AM



#80
 Butylbenzylphthalate
 Concen: 37.455 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BF114487.D
 Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.1	55.0	82.4
206	20.5	16.9	25.3





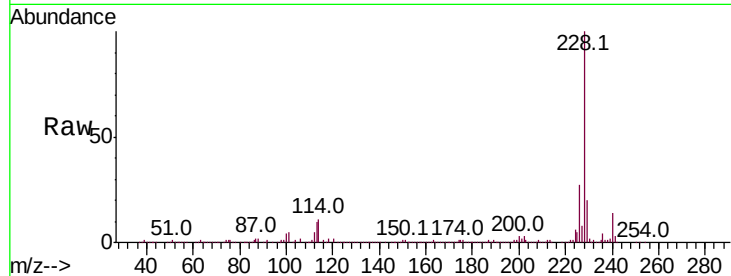
#81
Benzo(a)anthracene
Concen: 36.156 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampleId :
PB119674BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.2
229	20.1	16.4	24.6

Manual Integrations
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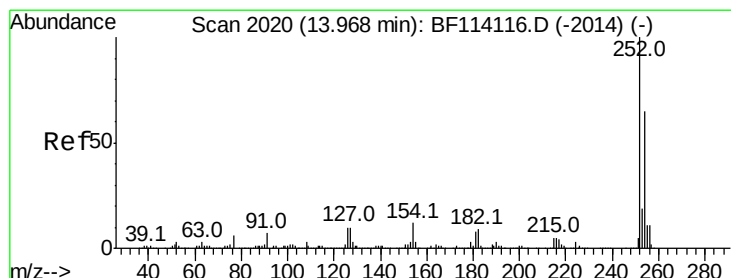
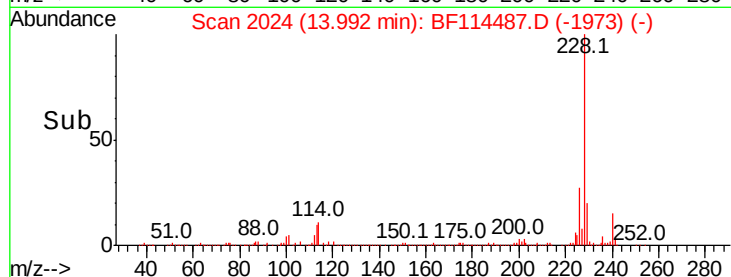
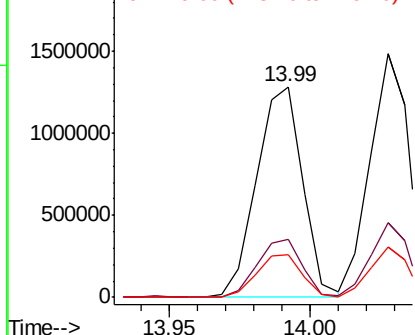


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 25.582 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

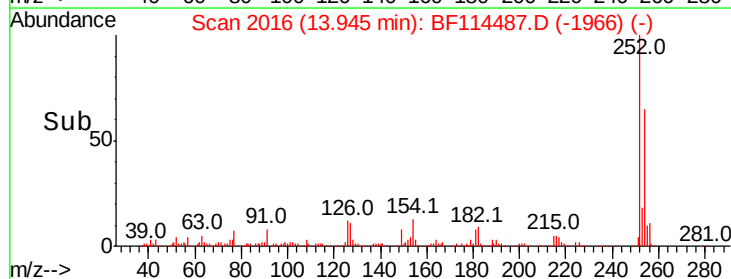
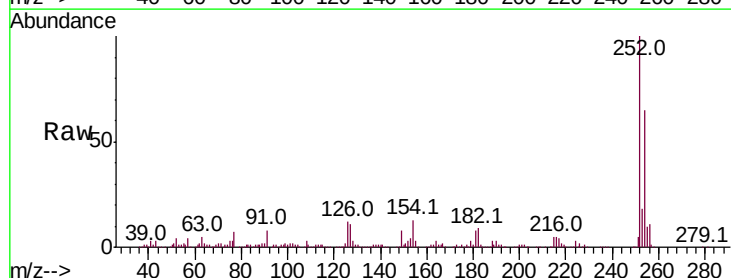
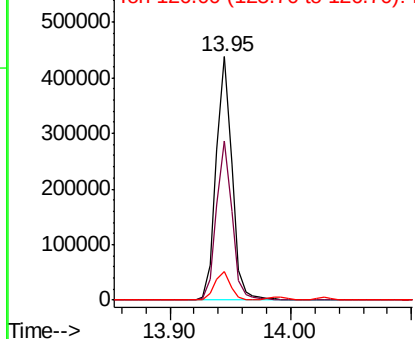
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.9	77.9
126	11.5	7.9	11.9

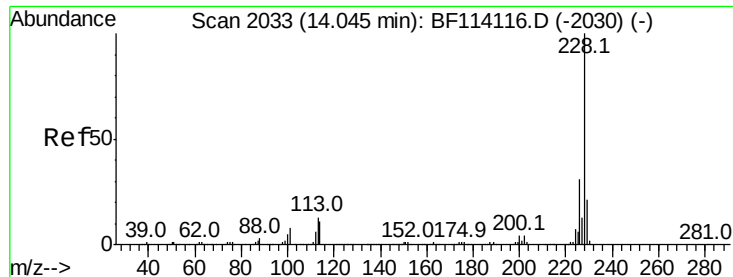
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





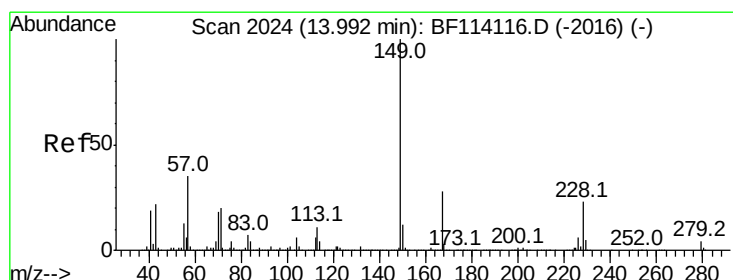
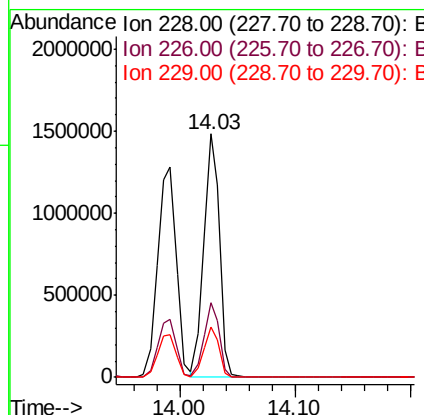
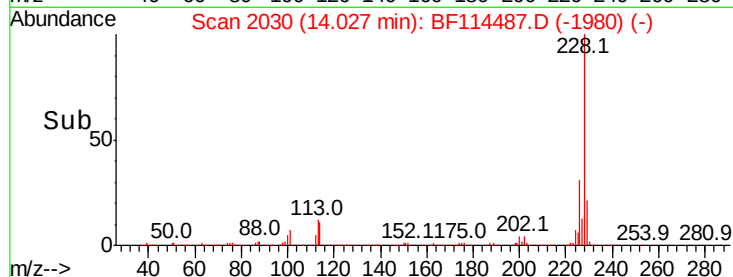
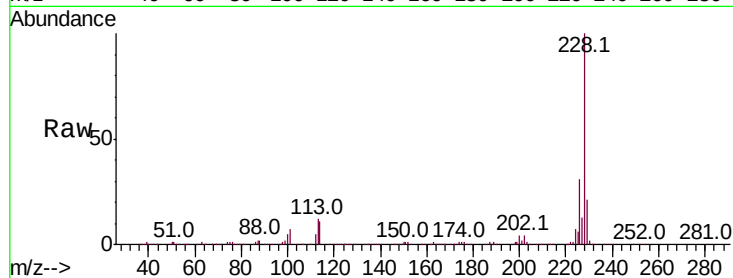
#83
 Chrysene
 Concen: 36.273 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF114487.D
 Acq: 22 May 2019 15:51

Instrument :
 BNA_F
 ClientSampleId :
 PB119674BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	20.6	17.0	25.6

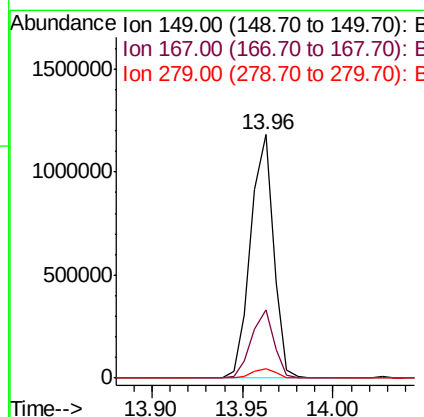
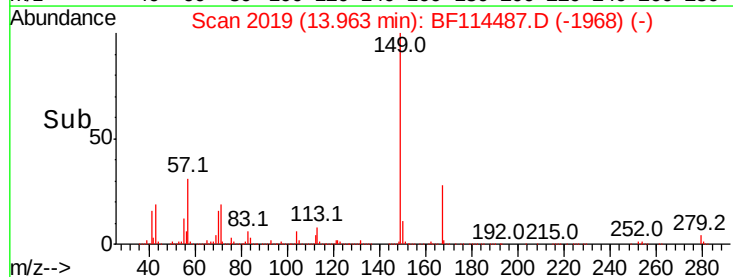
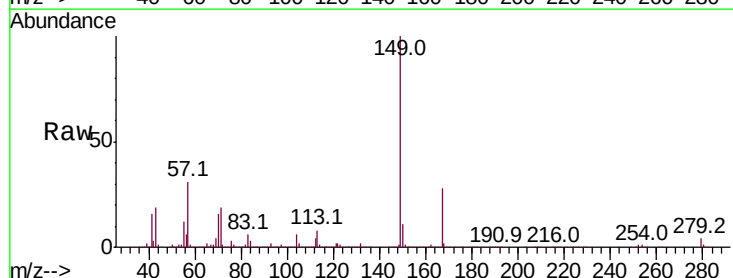
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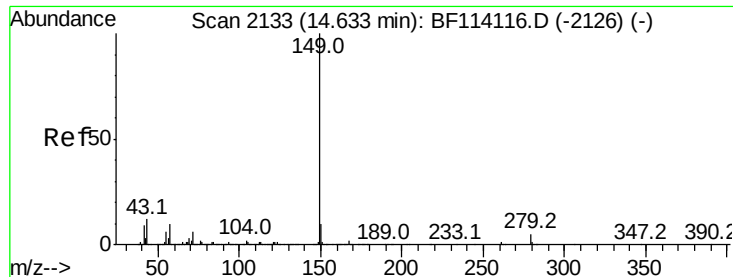
mohammad
 5/23/2019 4:07:52 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.293 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF114487.D
 Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.6	33.8
279	4.0	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 39.177 ng

RT: 14.58 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Instrument :

BNA_F

ClientSampleId :

PB119674BS

Tot Ion:149 Resp: 1735616

Ion Ratio Lower Upper

149 100

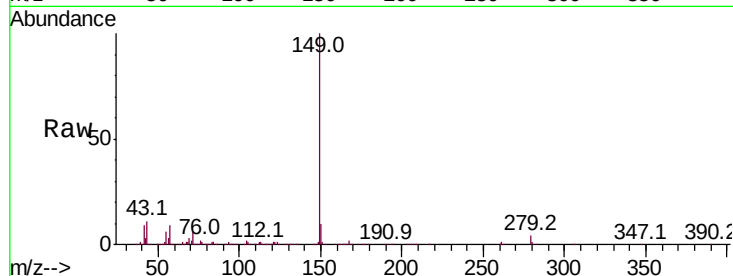
167 1.6 1.3 1.9

43 12.1 10.1 15.1

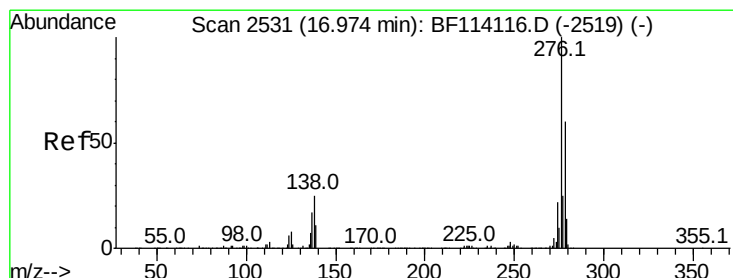
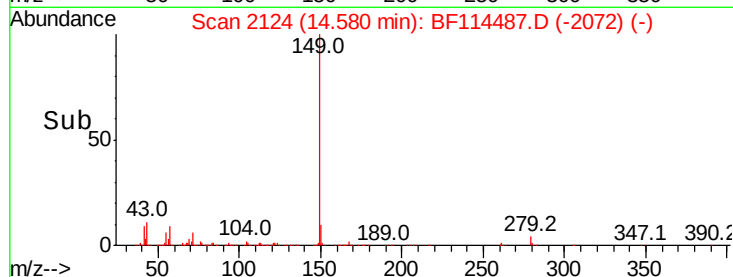
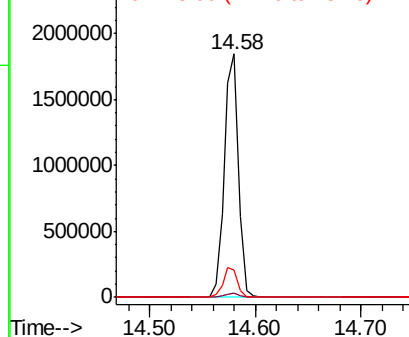
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Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.182 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

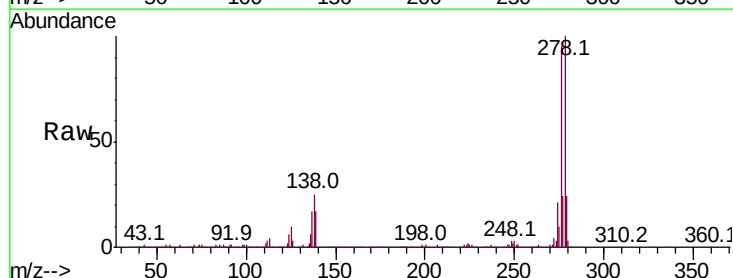
Tgt Ion:276 Resp: 1251212

Ion Ratio Lower Upper

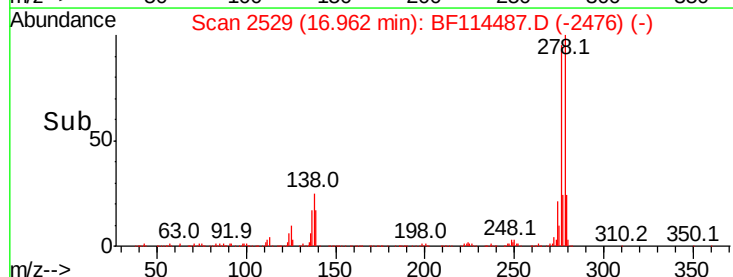
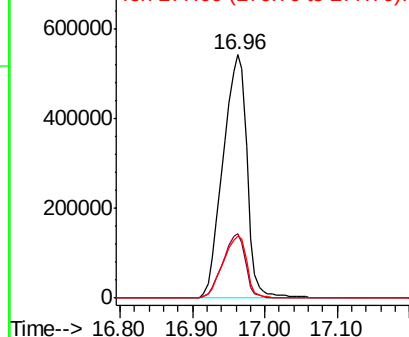
276 100

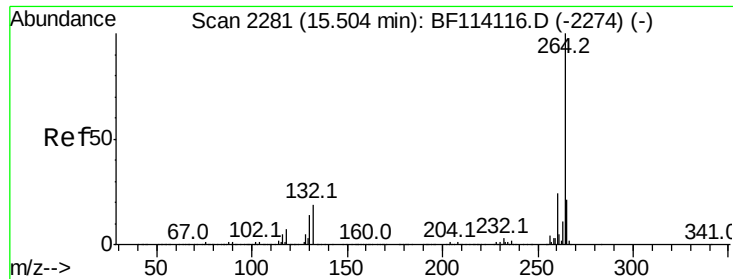
138 25.2 20.2 30.2

277 25.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
600000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Instrument :

BNA_F

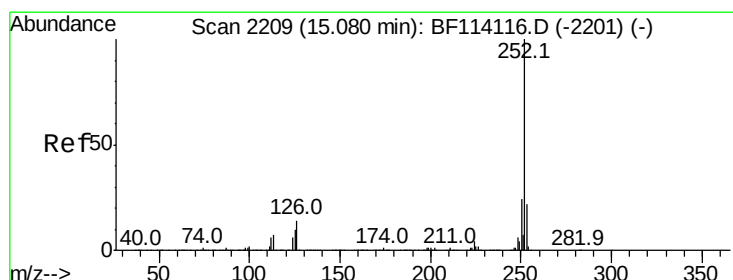
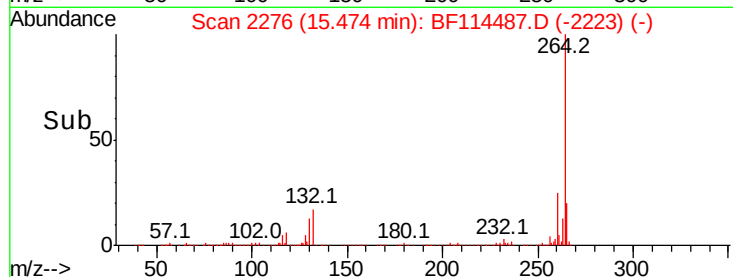
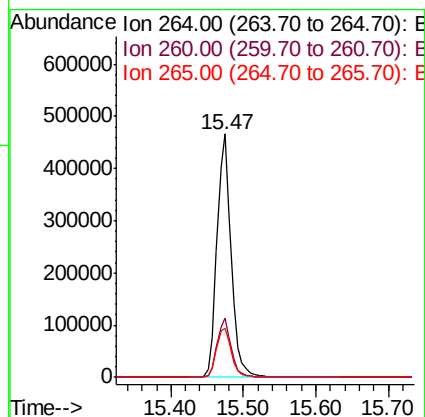
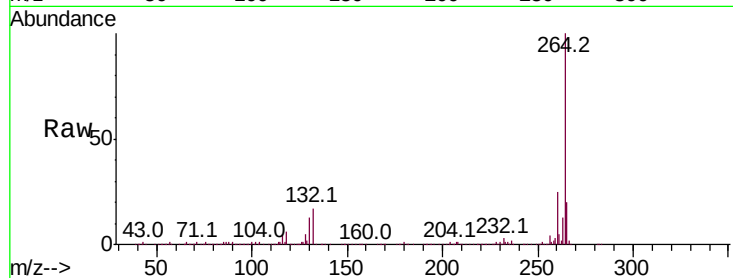
ClientSampleId :

PB119674BS

Tot Ion:	264	Resp:	633908
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.4	29.0
265	20.4	16.9	25.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 36.238 ng

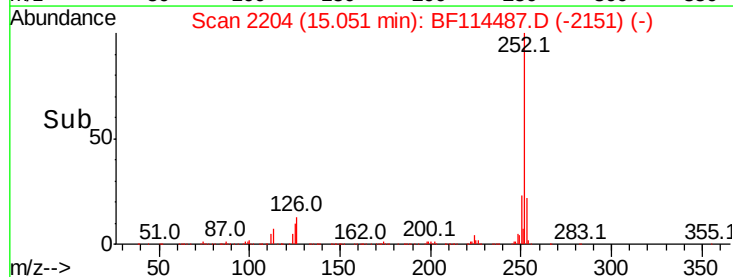
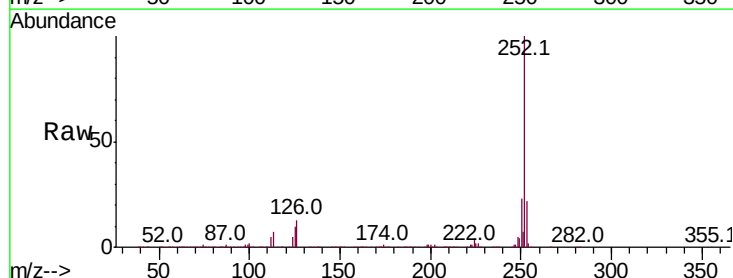
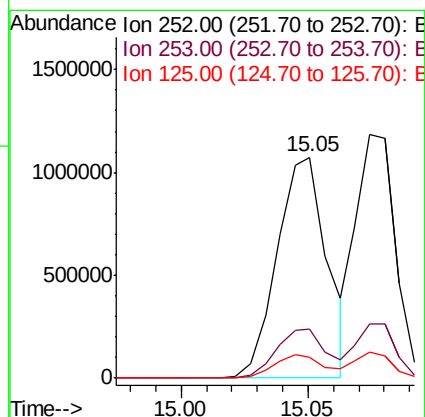
RT: 15.05 min Scan# 2204

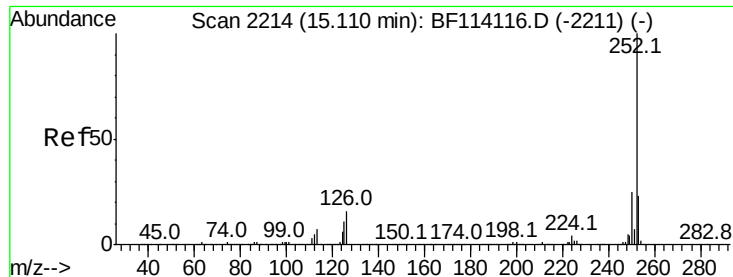
Delta R.T. 0.01 min

Lab File: BF114487.D

Acq: 22 May 2019 15:51

Tgt Ion:	252	Resp:	1471683
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.8
125	9.6	8.3	12.5





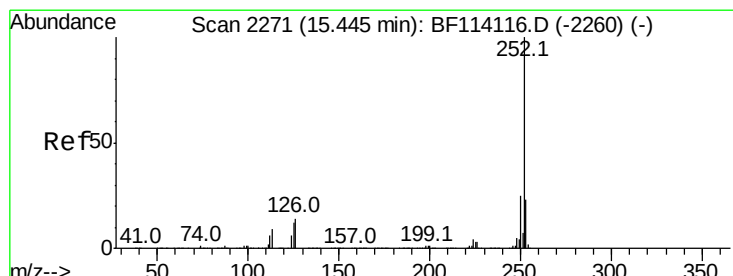
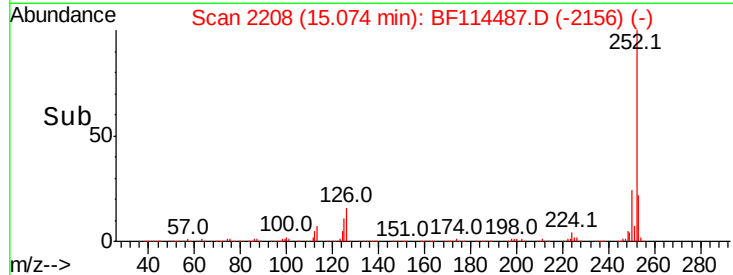
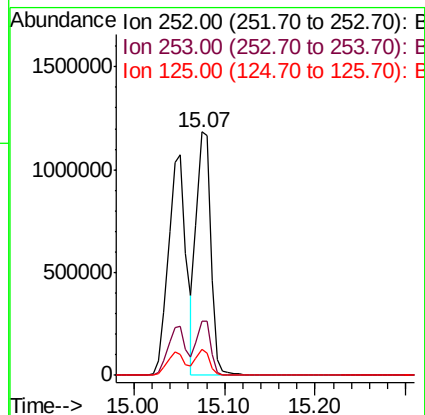
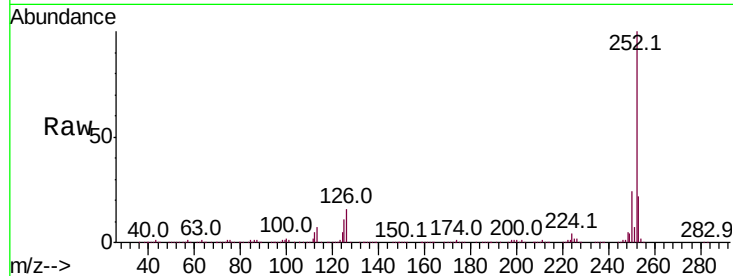
#89
Benzo(k)fluoranthene
Concen: 34.847 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampleId :
PB119674BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.8	8.6	13.0

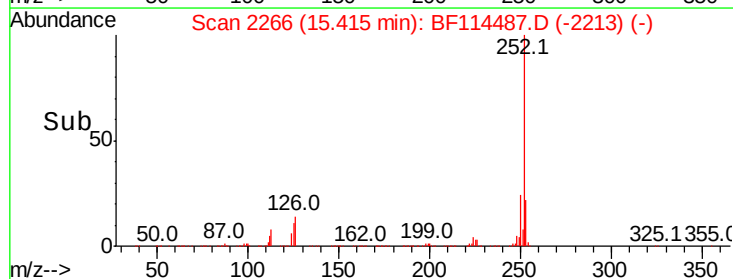
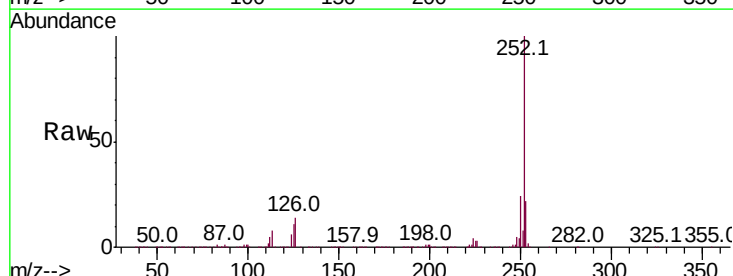
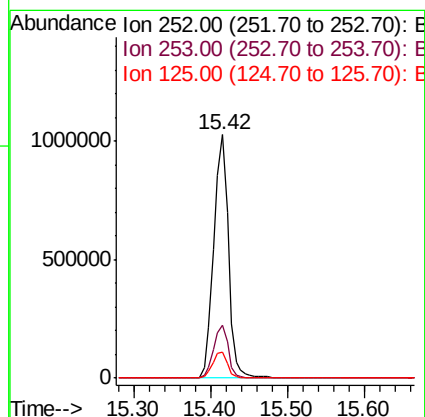
Manual Integrations
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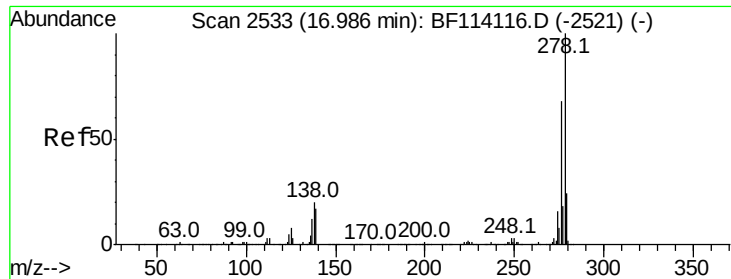
mohammad
5/23/2019 4:07:52 AM



#90
Benzo(a)pyrene
Concen: 37.298 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	10.8	9.5	14.3





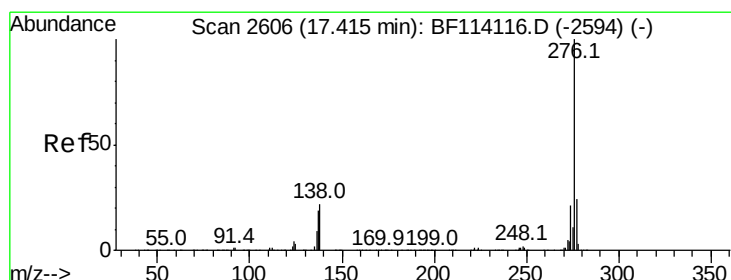
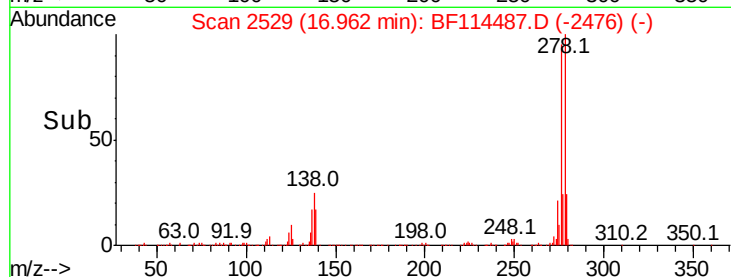
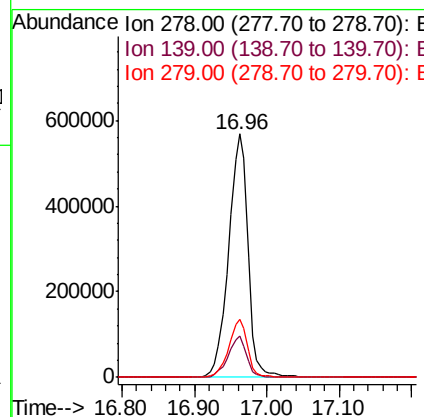
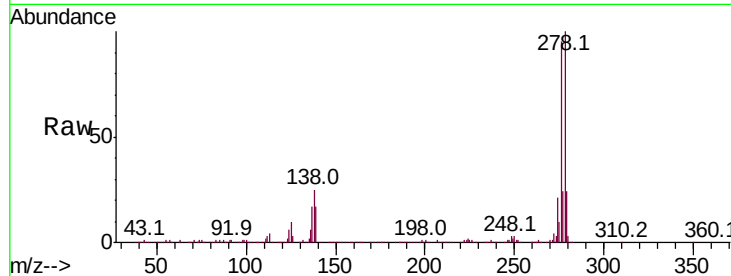
#91
Dibenzo(a,h)anthracene
Concen: 35.474 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Instrument :
BNA_F
ClientSampleId :
PB119674BS

Tot Ion:278 Resp: 1053582
Ion Ratio Lower Upper
278 100
139 17.0 13.5 20.3
279 24.0 19.0 28.6

Manual Integrations
APPROVED

mohammad
5/23/2019 4:07:52 AM



#92
Benzo(g,h,i)perylene
Concen: 35.584 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.02 min
Lab File: BF114487.D
Acq: 22 May 2019 15:51

Tgt Ion:276 Resp: 1059119
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 21.7 17.8 26.6

