

Data File : BF116331.D
Acq On : 16 Aug 2019 21:27
Operator : HP/JU
Sample : K4227-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMPMSD

Quant Time: Aug 17 03:10:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	161928	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	630834	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	327687	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	546366	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	359916	20.00	ng	-0.03
87) Perylene-d12	15.44	264	339350	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1130938	116.92	ng	0.00
7) Phenol-d6	6.47	99	1365623	111.90	ng	-0.02
23) Nitrobenzene-d5	7.39	82	1018424	93.19	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	414034	130.32	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1676825	95.85	ng	-0.03
79) Terphenyl-d14	12.92	244	1754699	102.73	ng	-0.03

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.80	88	165613	33.891	ng	# 85
3) Pyridine	3.52	79	188900	13.839	ng	98
4) n-Nitrosodimethylamine	3.43	42	205403	38.130	ng	95
6) Aniline	6.50	93	156582	8.959	ng	# 78
8) 2-Chlorophenol	6.62	128	468141	43.767	ng	100
10) Phenol	6.48	94	509129	35.427	ng	82
11) bis(2-Chloroethyl)ether	6.56	93	466764	44.176	ng	96
12) 1,3-Dichlorobenzene	6.76	146	501429	40.564	ng	98
13) 1,4-Dichlorobenzene	6.84	146	515819	41.675	ng	97
14) 1,2-Dichlorobenzene	6.99	146	465674	40.860	ng	99
15) Benzyl Alcohol	6.97	79	362069	39.094	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	596358	41.379	ng	69
17) 2-Methylphenol	7.09	107	387710	42.808	ng	# 91
18) Hexachloroethane	7.32	117	188860	41.444	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	328603	43.452	ng	99
20) 3+4-Methylphenols	7.24	107	488173	45.548	ng	98
22) Acetophenone	7.23	105	651573	47.096	ng	96
24) Nitrobenzene	7.40	77	531981	45.082	ng	99
25) Isophorone	7.65	82	979143	46.855	ng	100
26) 2-Nitrophenol	7.72	139	266932	47.988	ng	95
27) 2,4-Dimethylphenol	7.76	122	427648	51.101	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	604333	46.658	ng	99
29) 2,4-Dichlorophenol	7.97	162	428440	48.487	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	444540	44.134	ng	100
31) Naphthalene	8.12	128	1387608	46.743	ng	100
32) Benzoic acid	7.93	122	279995	47.455	ng	98
33) 4-Chloroaniline	8.19	127	59534	4.488	ng	98
34) Hexachlorobutadiene	8.23	225	254316	43.835	ng	99
35) Caprolactam	8.56	113	52892	18.508	ng	94
36) 4-Chloro-3-methylphenol	8.67	107	436262	47.459	ng	99
37) 2-Methylnaphthalene	8.81	142	913044	46.702	ng	99
38) 1-Methylnaphthalene	8.91	142	858537	46.418	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	422110	48.184	ng	100
41) Hexachlorocyclopentadiene	8.96	237	249265	64.611	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.10	196	270591	44.875	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	281201	45.114	ng	96
46) 1,1'-Biphenyl	9.27	154	1117834	48.319	ng	98
47) 2-Chloronaphthalene	9.30	162	889651	46.204	ng	100
48) 2-Nitroaniline	9.40	65	273449	42.965	ng	93
49) Acenaphthylene	9.72	152	1277506	45.477	ng	99
50) Dimethylphthalate	9.57	163	1042789	46.737	ng	100
51) 2,6-Dinitrotoluene	9.65	165	228131	47.050	ng	91
52) Acenaphthene	9.89	154	798194	46.317	ng	100
53) 3-Nitroaniline	9.82	138	52520	8.766	ng	100
54) 2,4-Dinitrophenol	9.94	184	217919	87.547	ng	98
55) Dibenzofuran	10.06	168	1092338	43.586	ng	100
56) 4-Nitrophenol	10.00	139	255858	66.665	ng	97
57) 2,4-Dinitrotoluene	10.06	165	271070	41.989	ng	# 90
58) Fluorene	10.40	166	907354	47.057	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	257793	49.160	ng	97
60) Diethylphthalate	10.27	149	966205	46.383	ng	100
61) 4-Chlorophenyl-phenylether	10.39	204	453634	46.453	ng	96
62) 4-Nitroaniline	10.44	138	197009	31.819	ng	99
63) Azobenzene	10.55	77	1005825	46.944	ng	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	146762	50.688	ng	99
66) n-Nitrosodiphenylamine	10.51	169	783254	47.629	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	280998	48.043	ng	95
68) Hexachlorobenzene	10.96	284	312638	46.226	ng	98
69) Atrazine	11.04	200	200669	37.091	ng	98
70) Pentachlorophenol	11.16	266	268026	81.627	ng	98
71) Phenanthrene	11.36	178	1300917	46.575	ng	99
72) Anthracene	11.42	178	1358861	48.071	ng	100
73) Carbazole	11.57	167	1182367	46.104	ng	99
74) Di-n-butylphthalate	11.89	149	1471246	49.177	ng	99
75) Fluoranthene	12.56	202	1354963	46.337	ng	100
78) Pyrene	12.78	202	1370934	50.530	ng	98
80) Butylbenzylphthalate	13.39	149	603620	52.596	ng	98
81) Benzo(a)anthracene	13.97	228	1109618	48.235	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	93451	11.693	ng	100
83) Chrysene	14.01	228	1068945	47.862	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	821933	55.113	ng	99
85) Di-n-octyl phthalate	14.55	149	1287344	54.345	ng	99
86) Indeno(1,2,3-cd)pyrene	16.91	276	970539	51.740	ng	100
88) Benzo(b)fluoranthene	15.02	252	1017842	51.873	ng	98
89) Benzo(k)fluoranthene	15.04	252	872742	45.665	ng	99
90) Benzo(a)pyrene	15.38	252	889124	50.691	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	819404	53.969	ng	99
92) Benzo(g,h,i)perylene	17.34	276	814796	54.644	ng	97

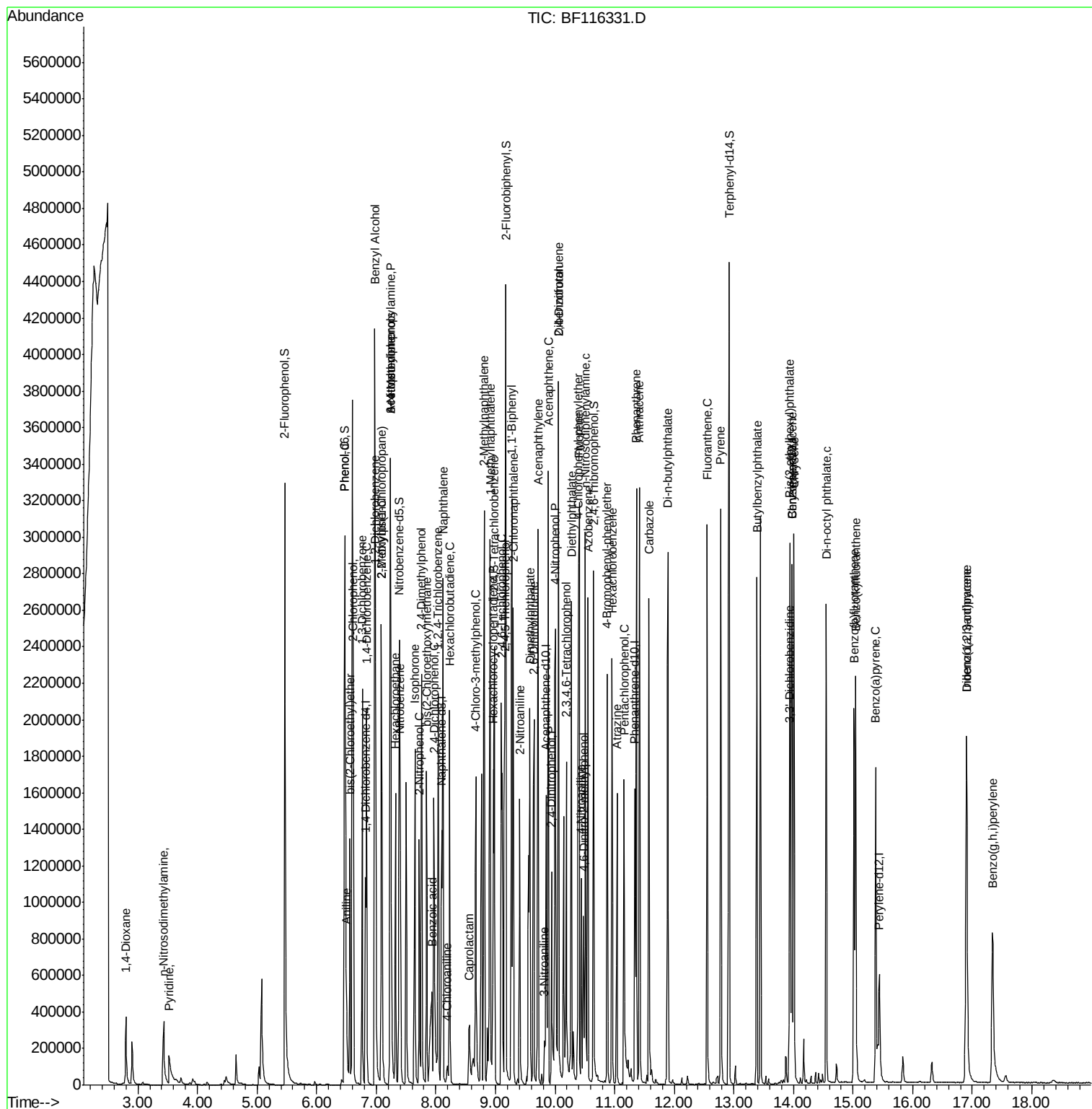
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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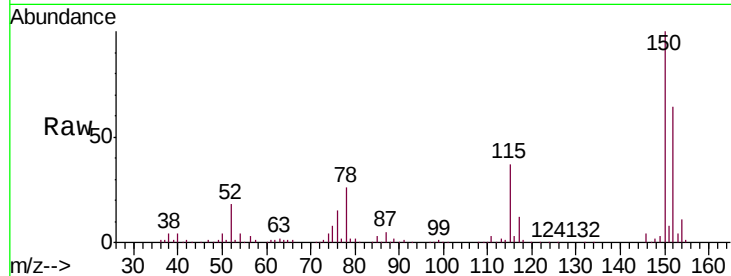


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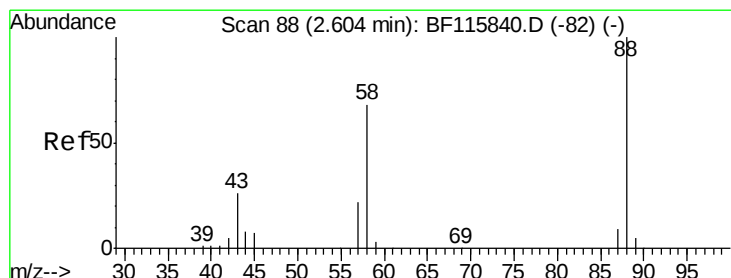
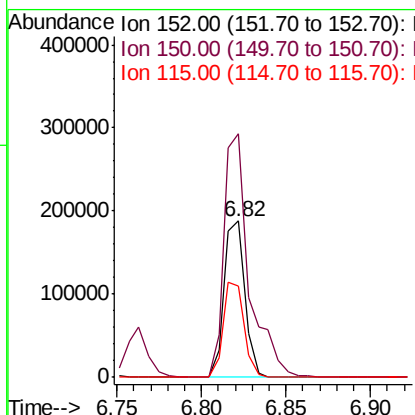
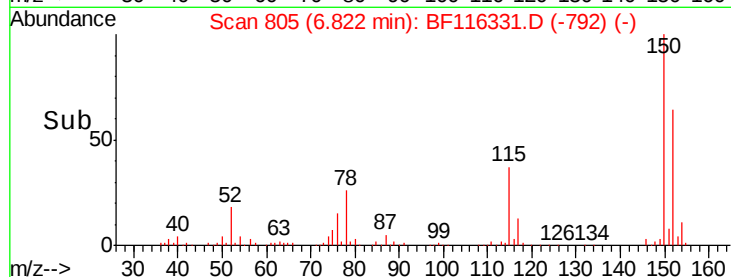
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Instrument :
BNA_F
ClientSampleId :
1S-I(0-1)-COMPMSD

Tgt Ion: 152 Resp: 161928
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 58.4 49.9 74.9



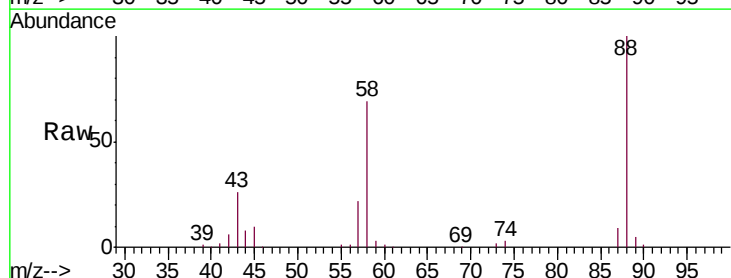
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



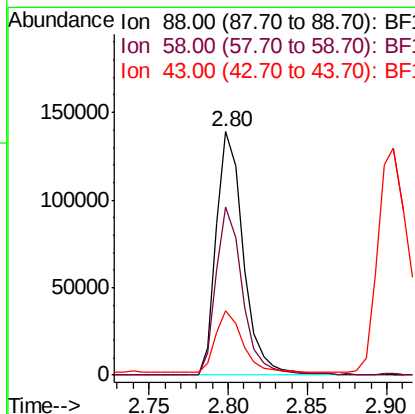
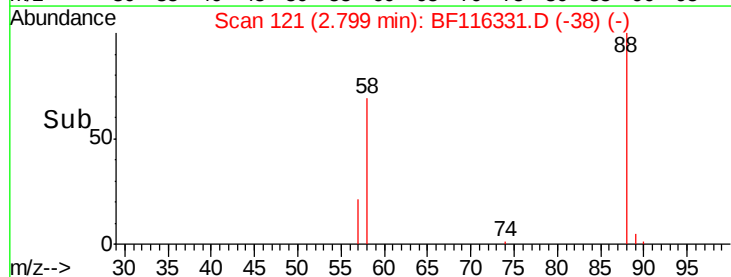
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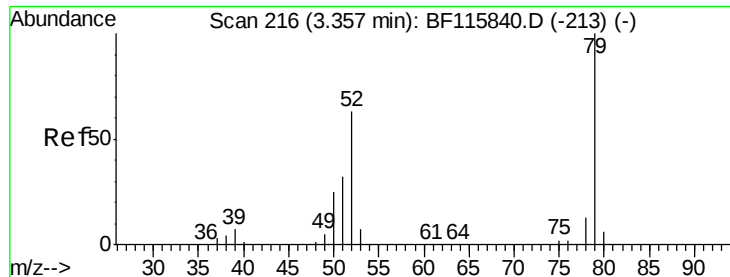
1,4-Dioxane
Concen: 33.891 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.19 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Tgt Ion: 88 Resp: 165613
Ion Ratio Lower Upper
88 100
58 68.0 53.7 80.5
43 0.0 21.0 31.4#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 13.839 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.16 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMSD

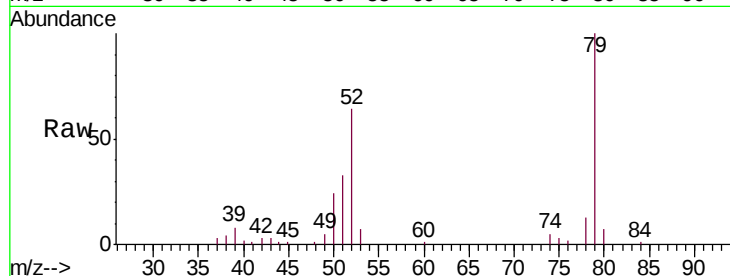
Tgt Ion: 79 Resp: 188900

Ion Ratio Lower Upper

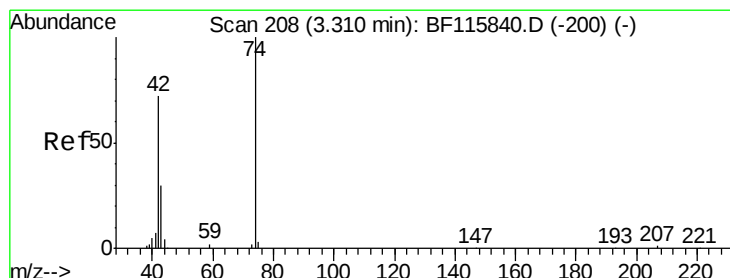
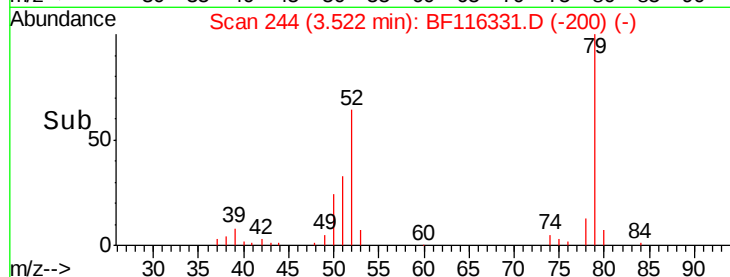
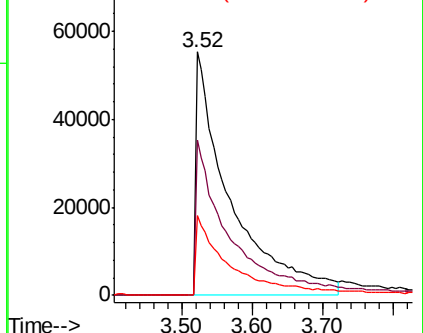
79 100

52 63.6 49.8 74.8

51 32.9 25.2 37.8



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



#4

n-Nitrosodimethylamine

Concen: 38.130 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.10 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

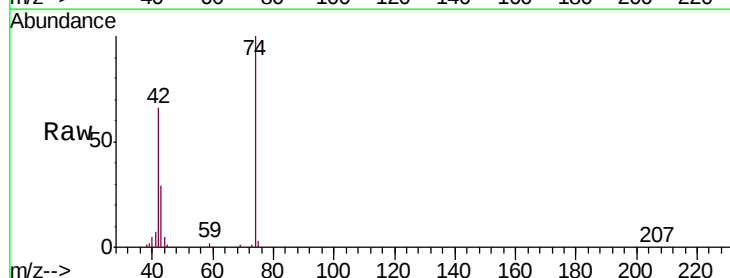
Tgt Ion: 42 Resp: 205403

Ion Ratio Lower Upper

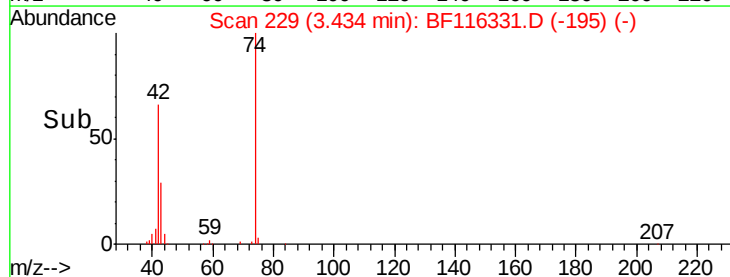
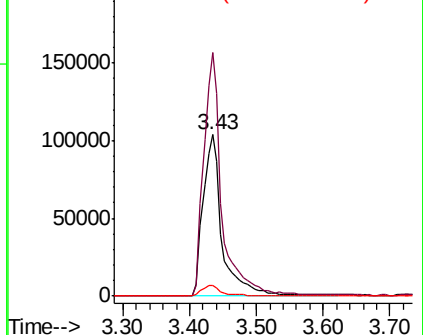
42 100

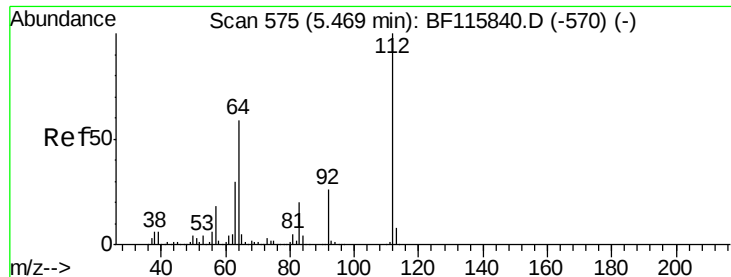
74 150.7 116.0 174.0

44 6.8 4.6 7.0



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





#5

2-Fluorophenol

Concen: 116.920 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF116331.D

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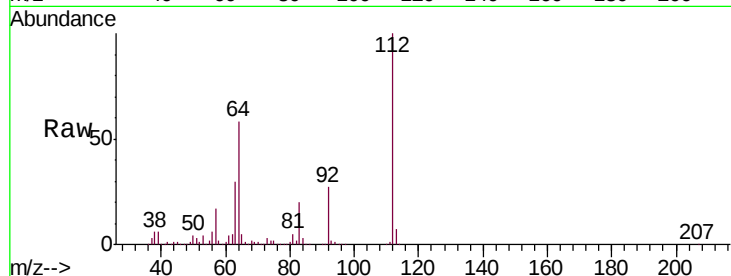
Tgt Ion:112 Resp: 1130938

Ion Ratio Lower Upper

112 100

64 58.2 45.4 68.2

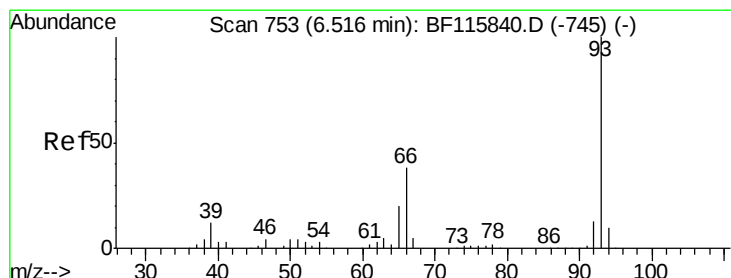
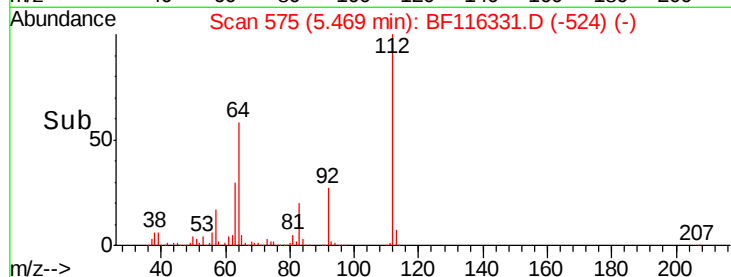
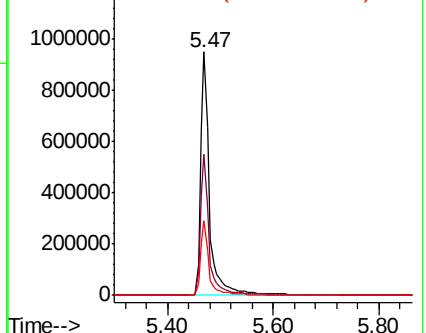
63 30.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.959 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

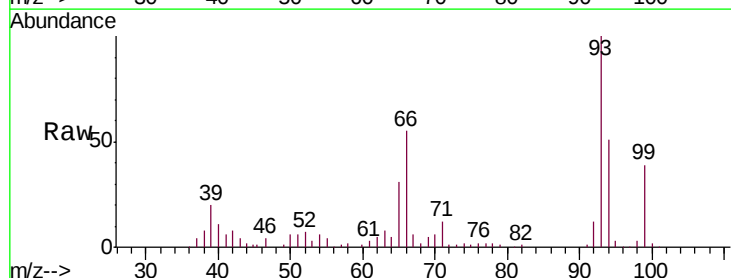
Tgt Ion: 93 Resp: 156582

Ion Ratio Lower Upper

93 100

66 54.8 32.2 48.4#

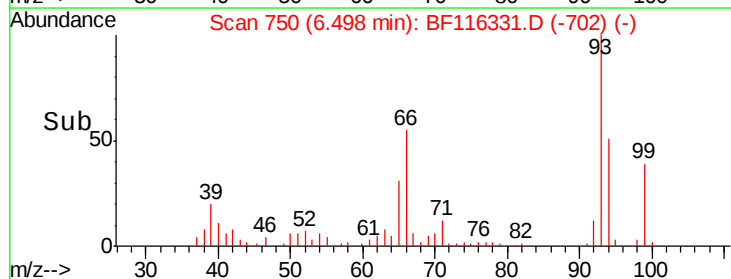
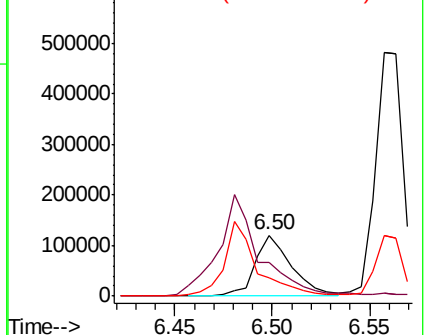
65 30.6 17.0 25.6#



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: 111.901 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

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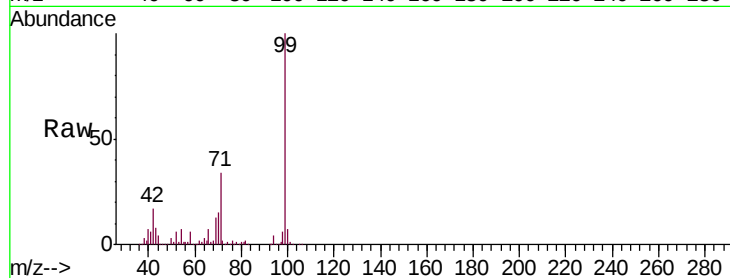
Tgt Ion: 99 Resp: 1365623

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.8

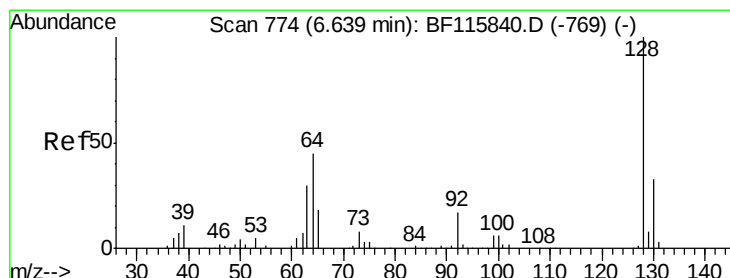
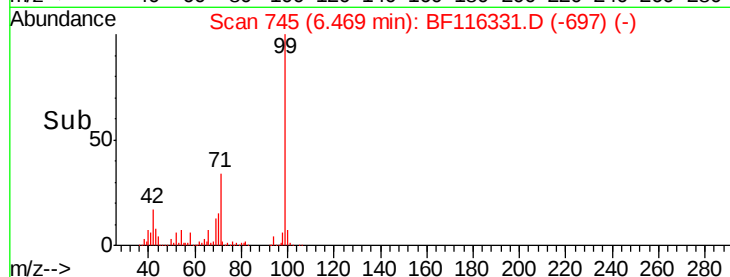
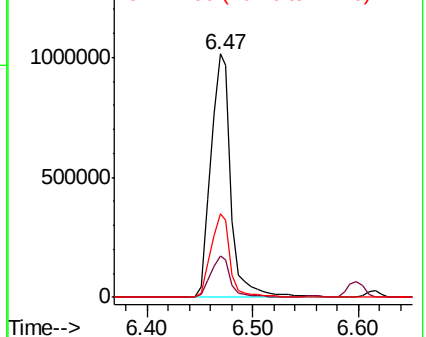
71 34.5 27.3 40.9



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: 43.767 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.02 min

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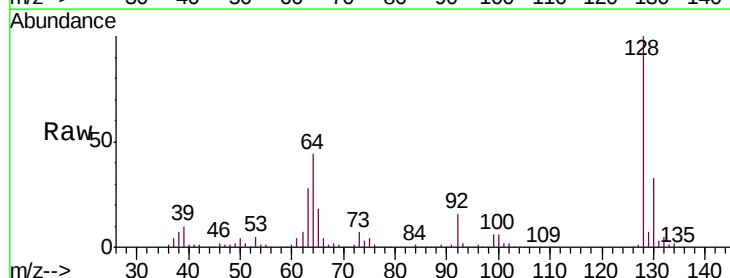
Tgt Ion: 128 Resp: 468141

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

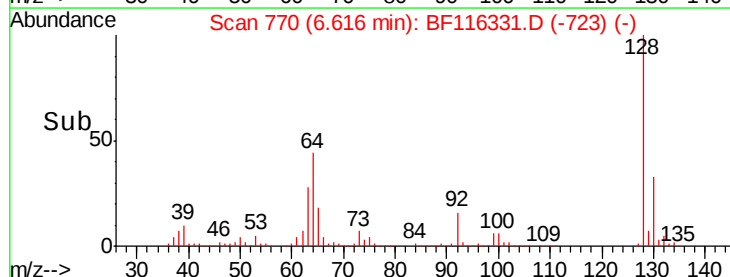
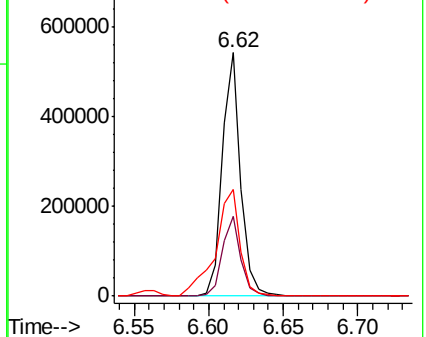
64 43.9 24.3 64.3

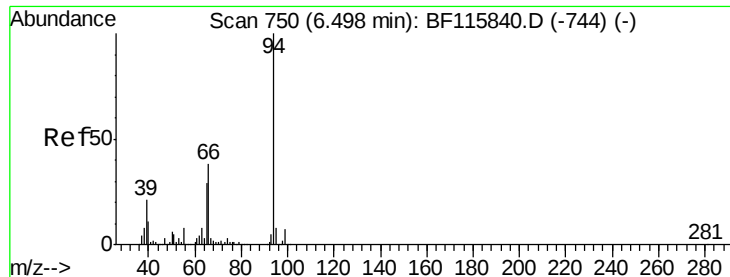


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#10

Phenol

Concen: 35.427 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

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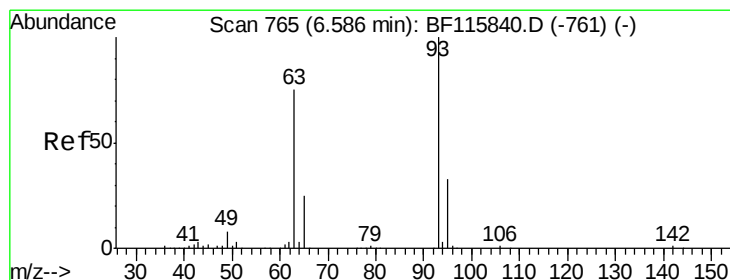
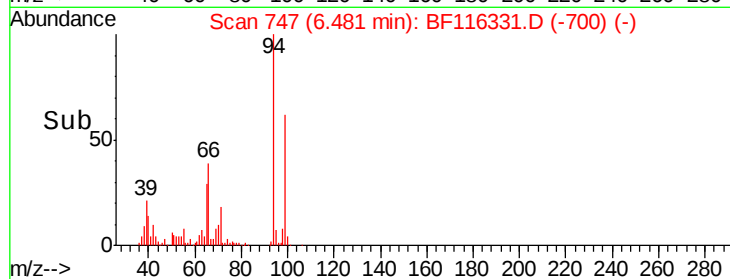
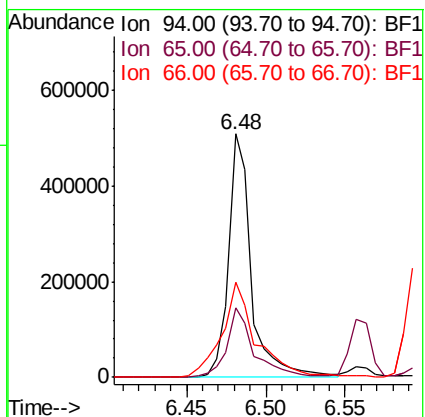
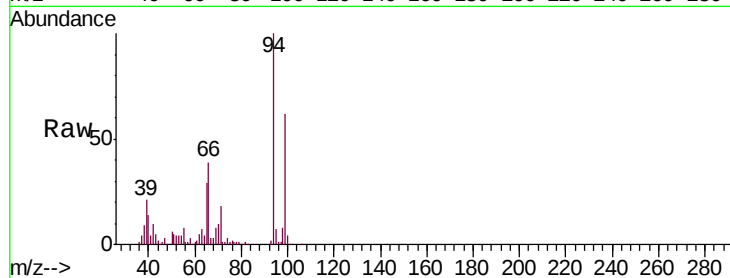
Tgt Ion: 94 Resp: 509129

Ion Ratio Lower Upper

94 100

65 28.8 16.8 56.8

66 39.3 34.2 74.2



#11

bis(2-Chloroethyl)ether

Concen: 44.176 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.03 min

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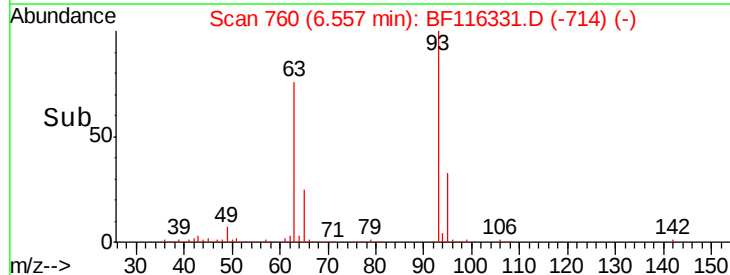
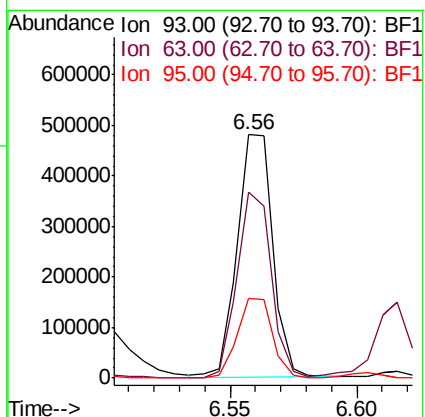
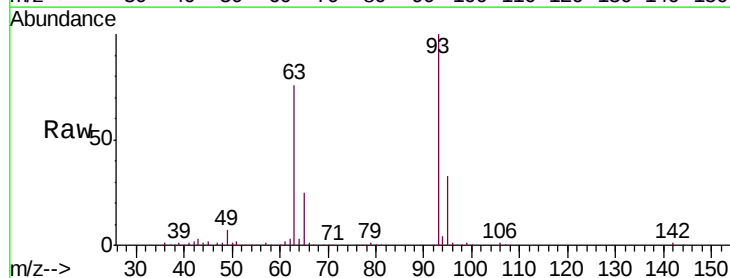
Tgt Ion: 93 Resp: 466764

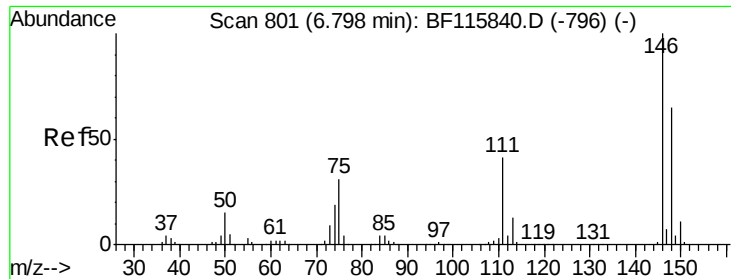
Ion Ratio Lower Upper

93 100

63 76.5 51.9 91.9

95 33.0 13.0 53.0

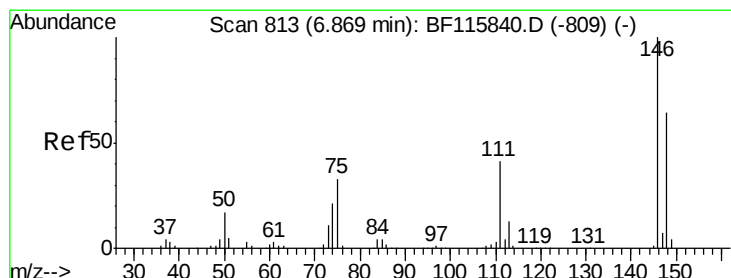
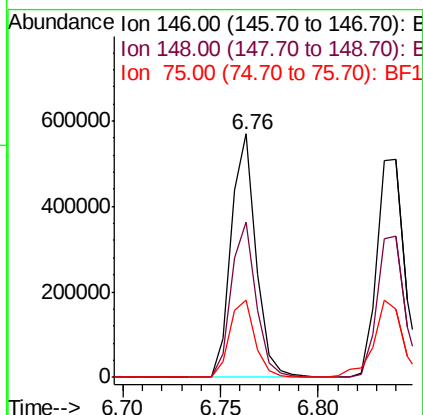
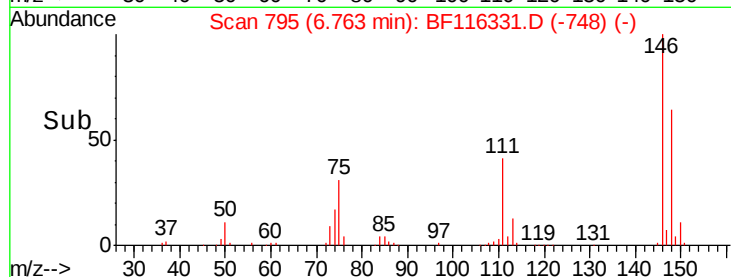
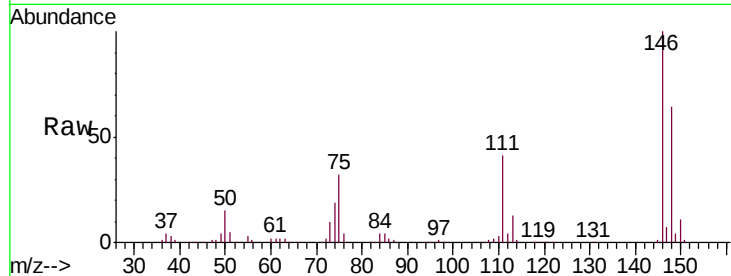




#12
 1,3-Dichlorobenzene
 Concen: 40.564 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

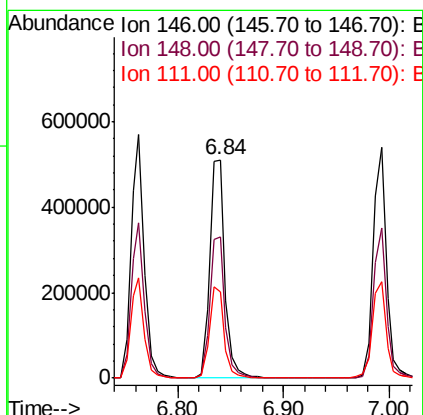
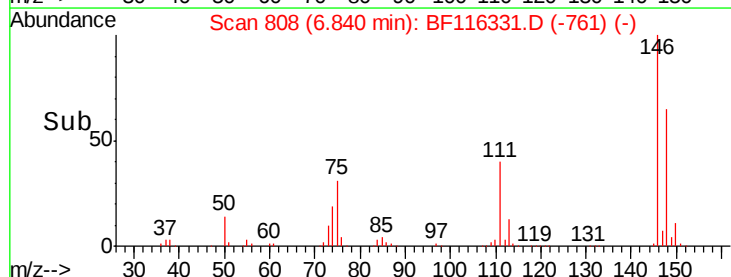
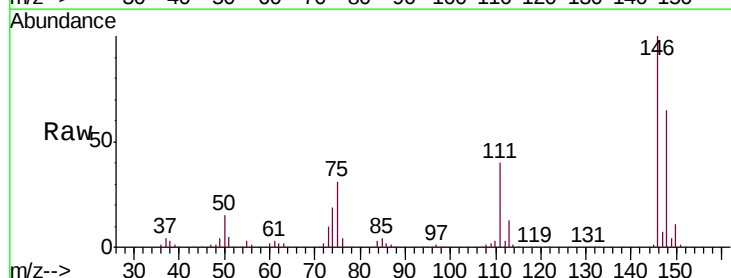
Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMPMSD

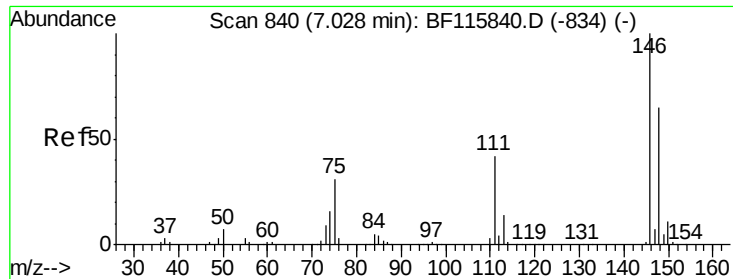
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
75	31.9	27.4	41.2



#13
 1,4-Dichlorobenzene
 Concen: 41.675 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.3	76.9
111	39.6	34.0	51.0

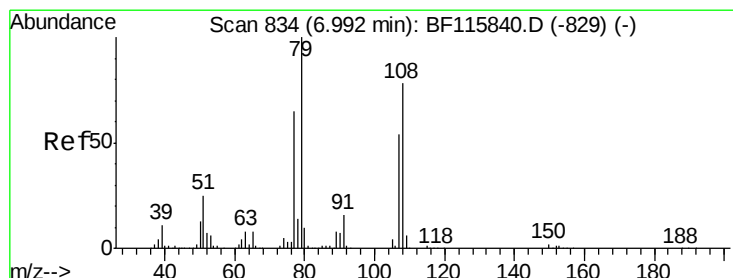
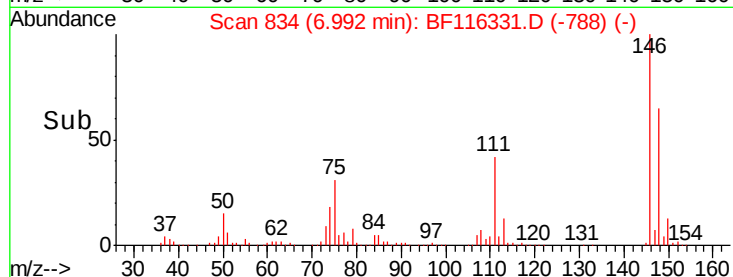
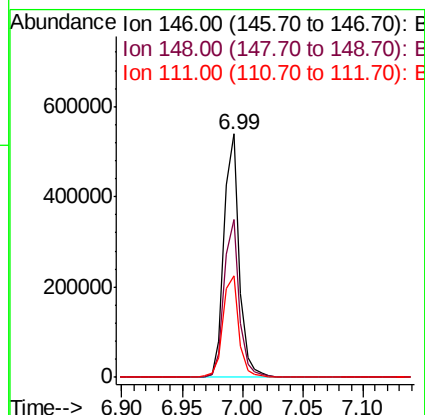
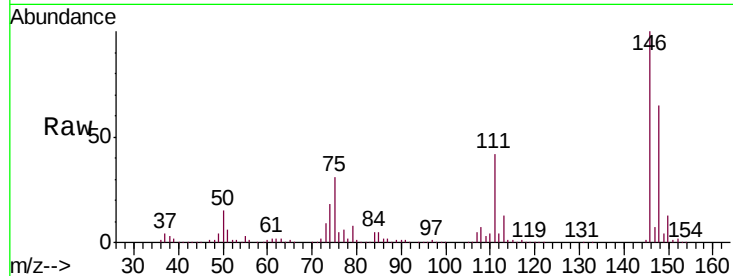




#14
1,2-Dichlorobenzene
Concen: 40.860 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.03 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

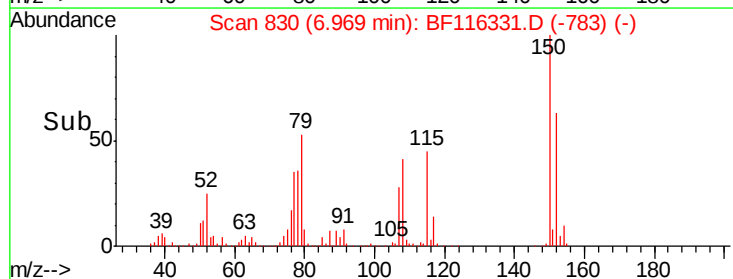
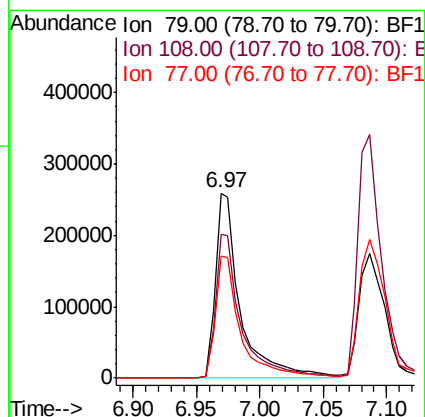
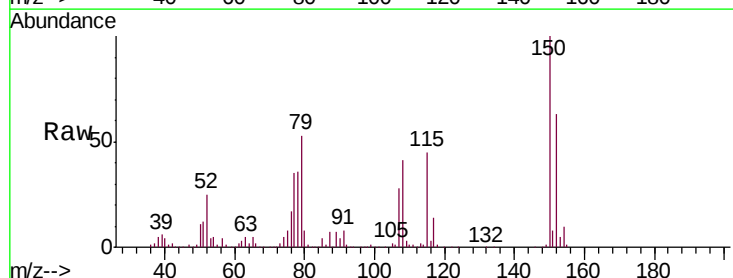
Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMPMSD

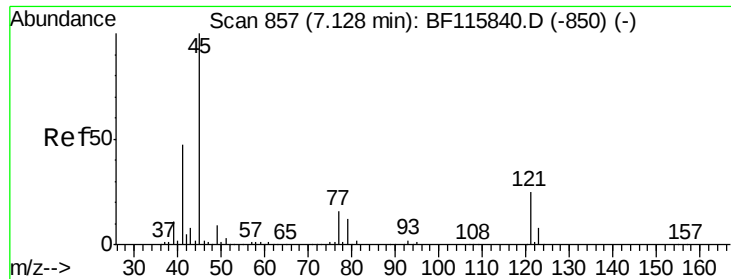
Tgt Ion:146 Resp: 465674
Ion Ratio Lower Upper
146 100
148 64.9 51.2 76.8
111 41.9 33.5 50.3



#15
Benzyl Alcohol
Concen: 39.094 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Tgt Ion: 79 Resp: 362069
Ion Ratio Lower Upper
79 100
108 77.5 62.7 94.1
77 65.7 52.2 78.2

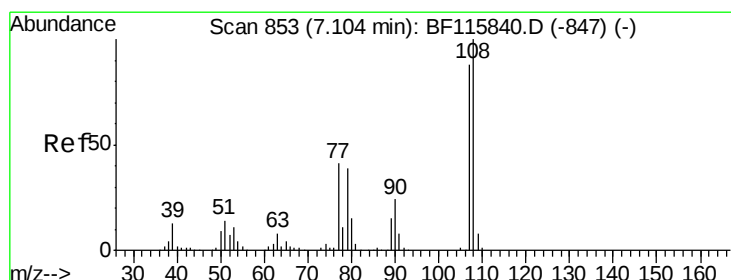
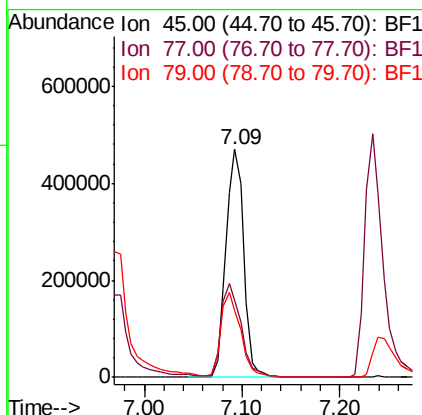
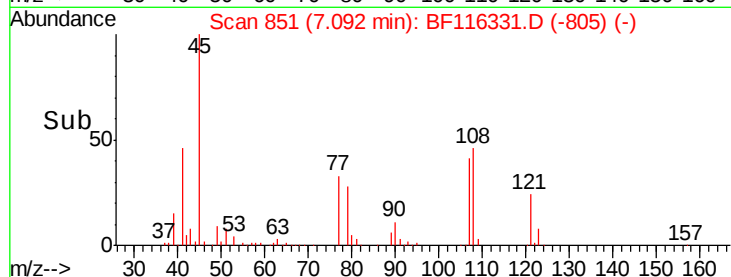
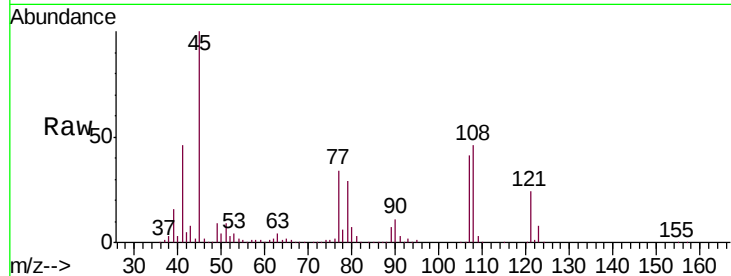




#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.379 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.03 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

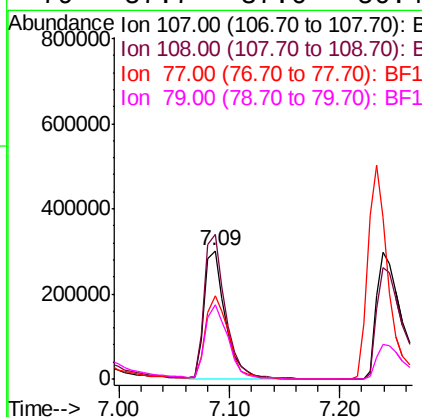
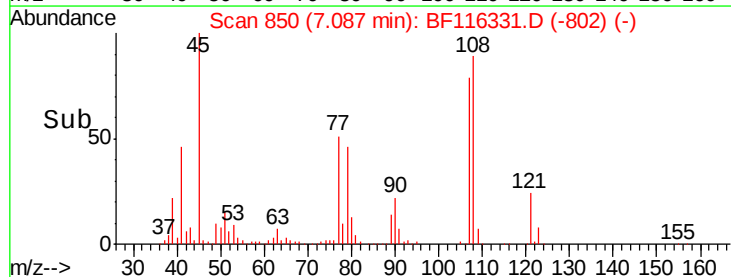
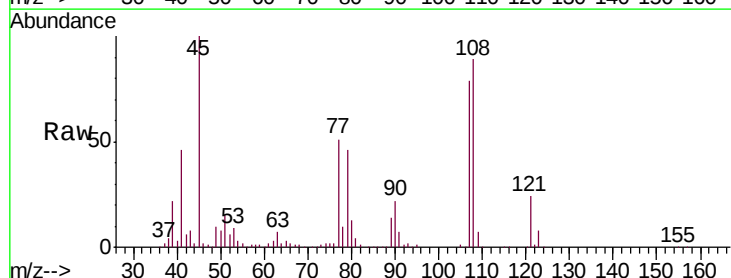
Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMPMSD

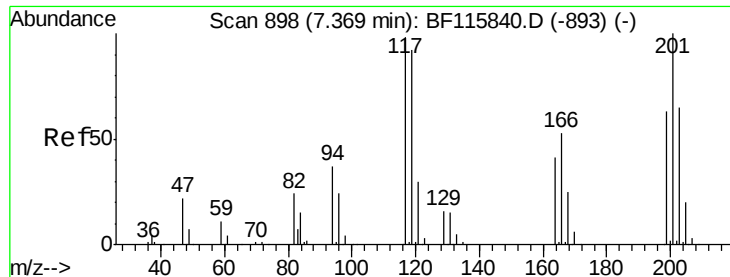
Tgt Ion:	45	Resp:	596358
Ion	Ratio	Lower	Upper
45	100		
77	34.0	0.0	40.0
79	29.2	0.0	35.9



#17
2-Methylphenol
Concen: 42.808 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Tgt Ion:	107	Resp:	387710
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.2	136.8
77	64.4	40.3	60.5#
79	57.7	37.6	56.4#

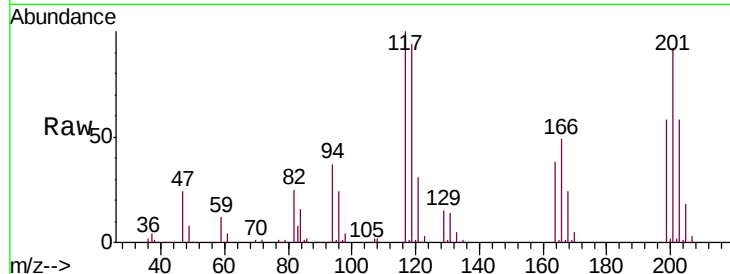




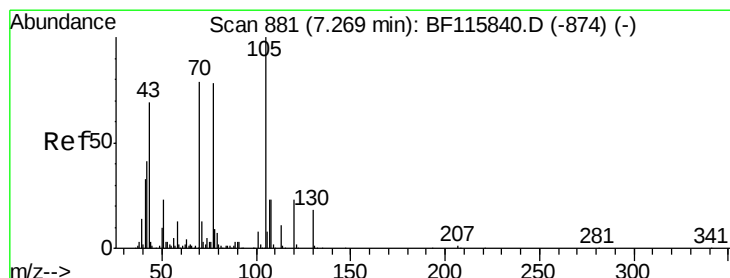
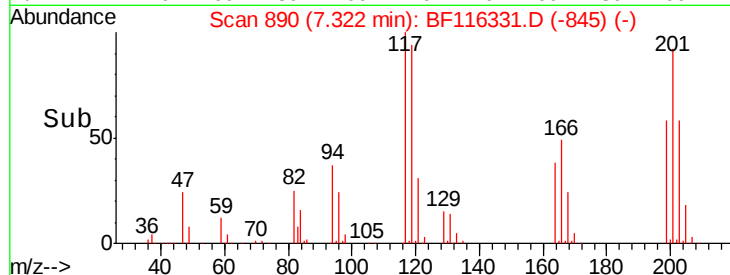
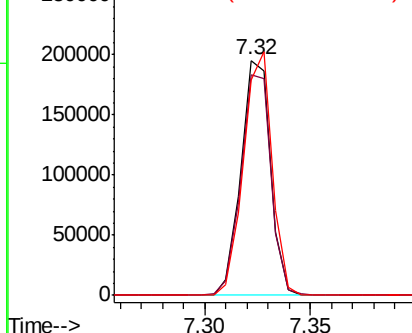
#18
Hexachloroethane
Concen: 41.444 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMPMSD

Tgt Ion: 117 Resp: 188860
Ion Ratio Lower Upper
117 100
119 94.0 76.1 114.1
201 91.7 77.0 115.4

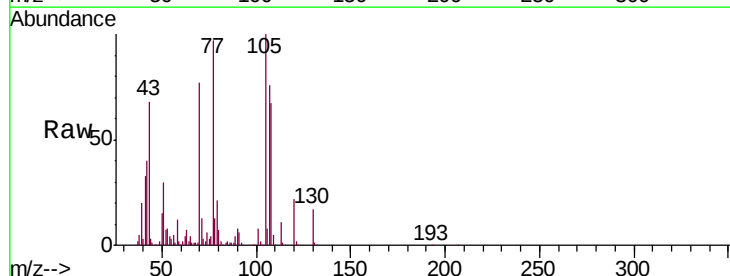


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

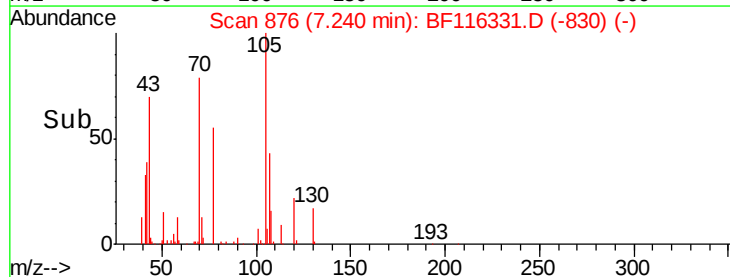
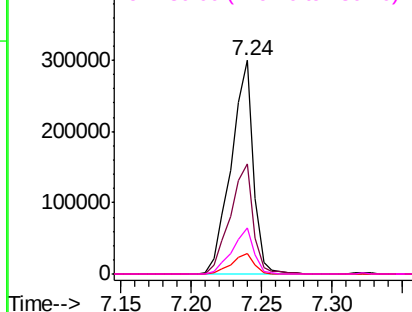


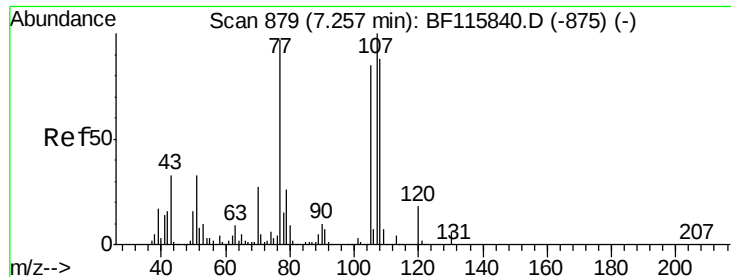
#19
n-Nitroso-di-n-propylamine
Concen: 43.452 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.03 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Tgt Ion: 70 Resp: 328603
Ion Ratio Lower Upper
70 100
42 51.7 40.9 61.3
101 9.9 7.9 11.9
130 21.7 16.9 25.3



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 45.548 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMSD

Tgt Ion:107 Resp: 488173

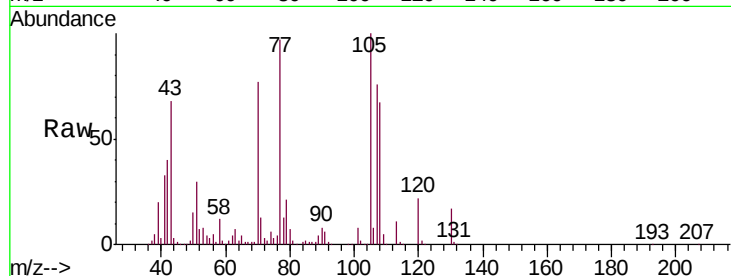
Ion Ratio Lower Upper

107 100

108 88.3 67.6 107.6

77 127.6 104.4 144.4

79 27.4 7.4 47.4

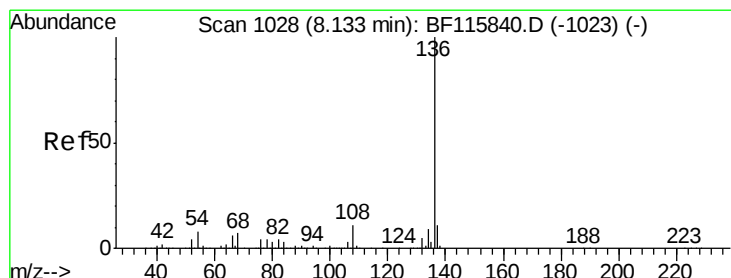
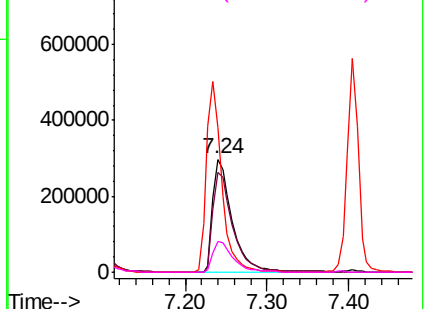
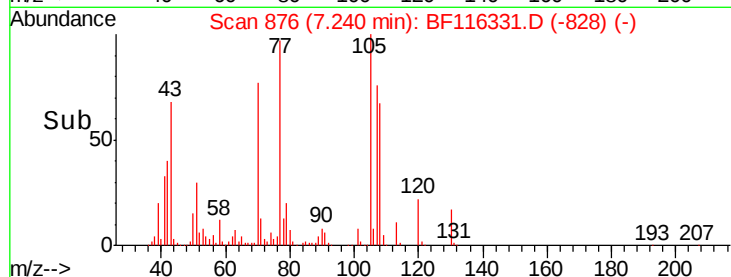


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Tgt Ion:136 Resp: 630834

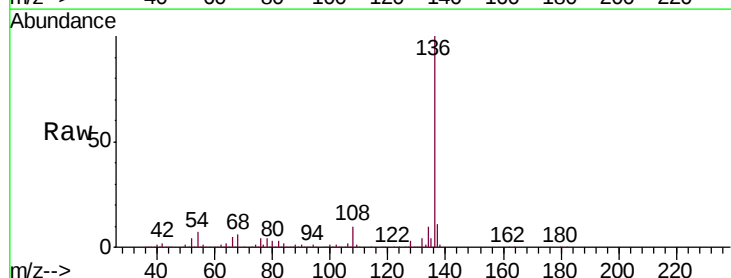
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.9 5.8 8.6

68 6.2 5.2 7.8

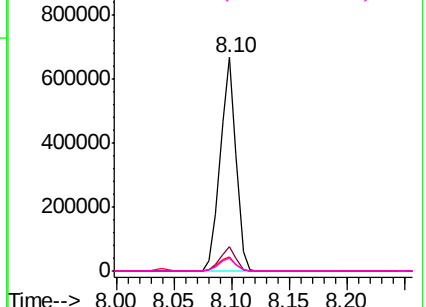
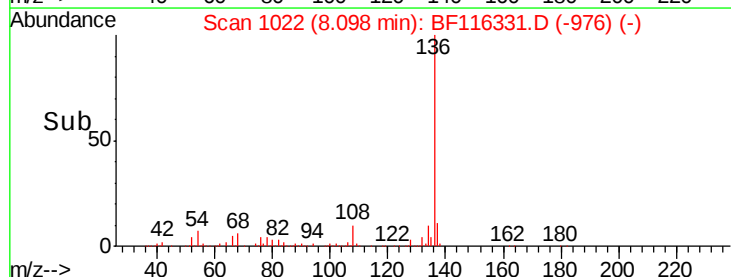


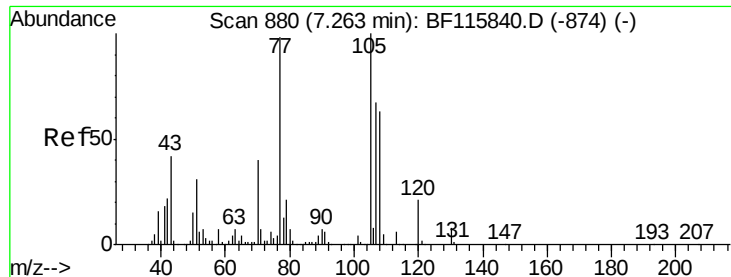
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 47.096 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMSD

Tgt Ion: 105 Resp: 651573

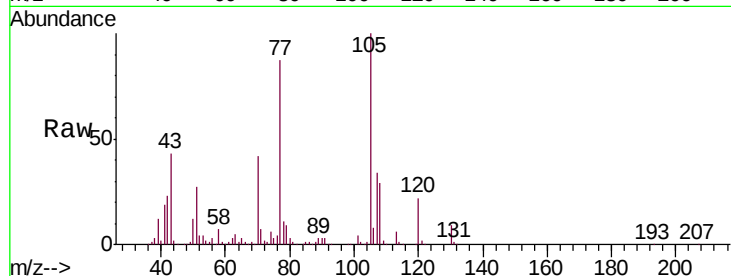
Ion Ratio Lower Upper

105 100

71 7.2 5.9 8.9

51 27.1 25.3 37.9

120 22.1 17.9 26.9

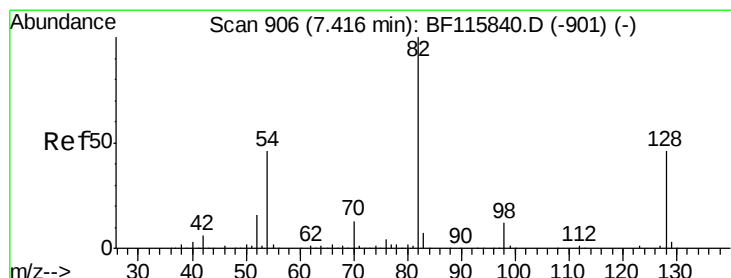
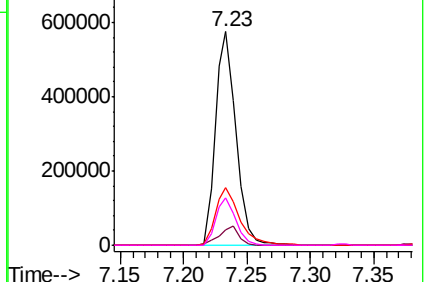
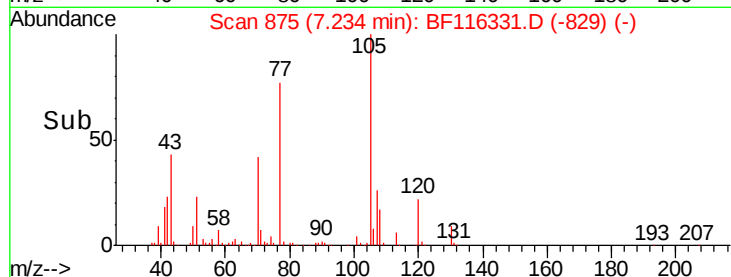


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 93.189 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

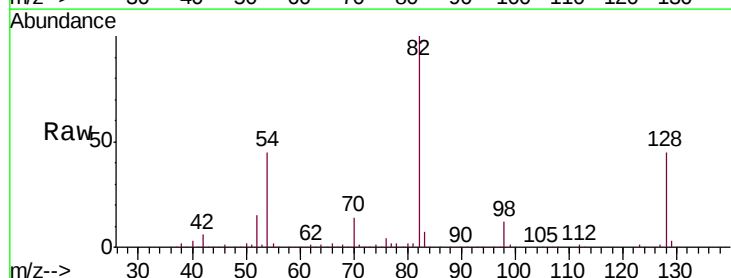
Tgt Ion: 82 Resp: 1018424

Ion Ratio Lower Upper

82 100

128 45.0 36.5 54.7

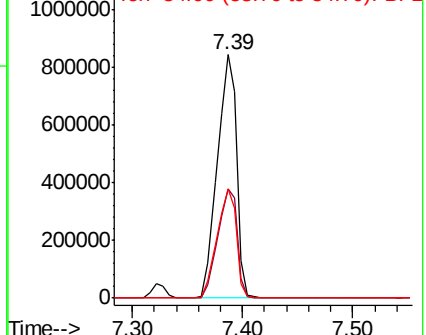
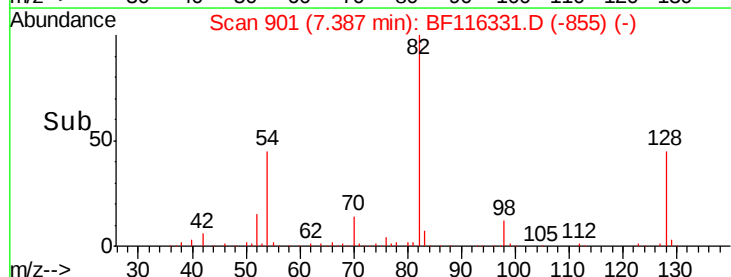
54 44.7 36.0 54.0

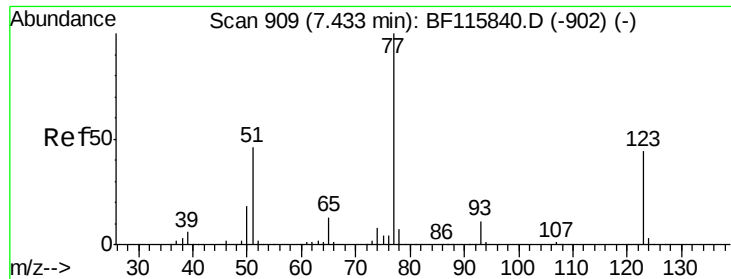


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 45.082 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMSD

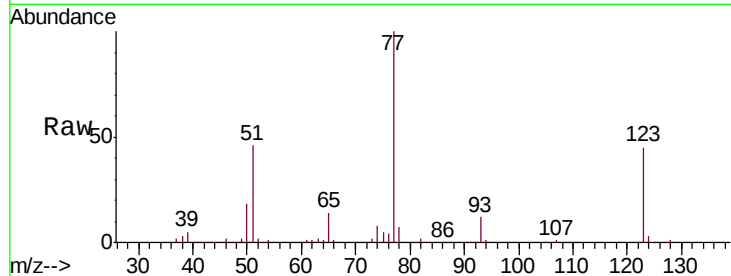
Tgt Ion: 77 Resp: 531981

Ion Ratio Lower Upper

77 100

123 45.5 36.7 55.1

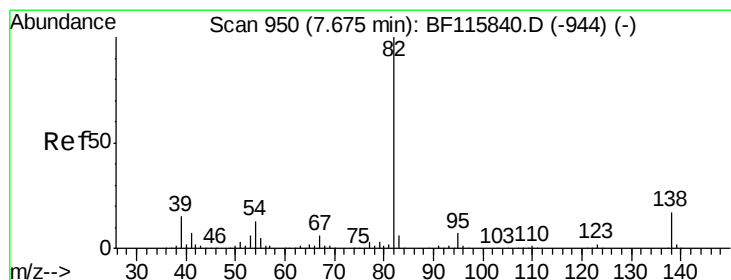
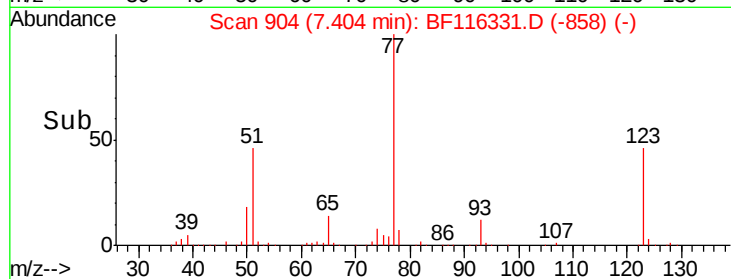
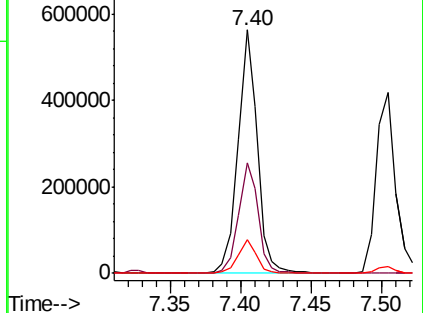
65 13.8 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 46.855 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

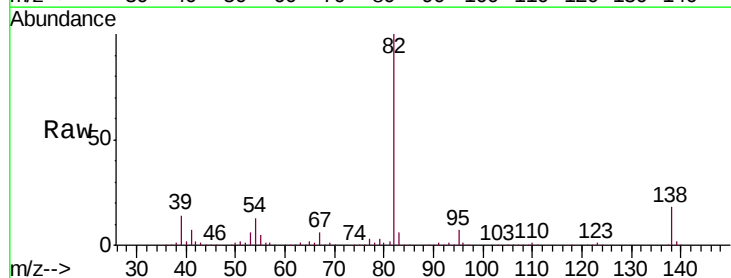
Tgt Ion: 82 Resp: 979143

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

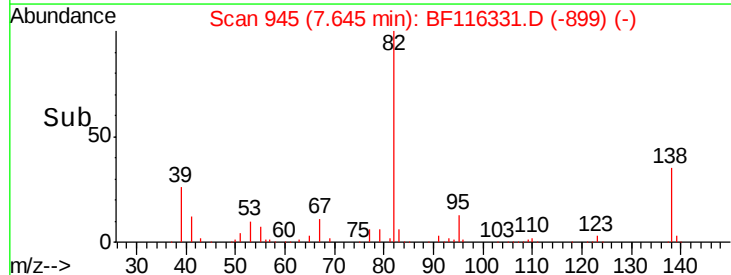
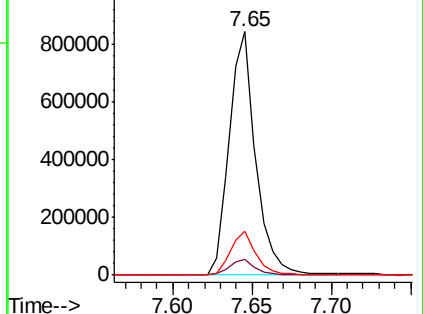
138 18.2 14.5 21.7

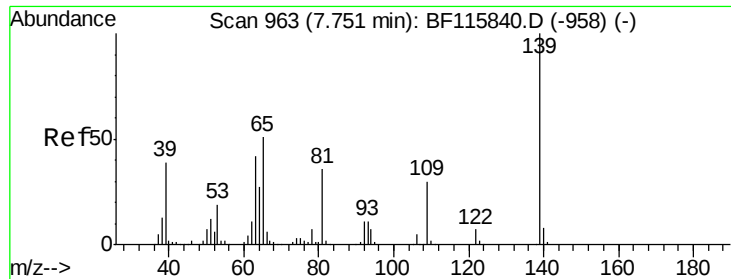


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

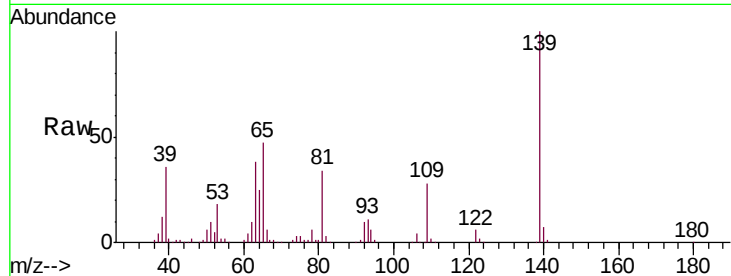




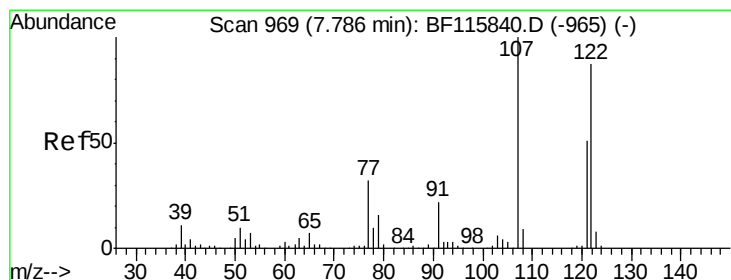
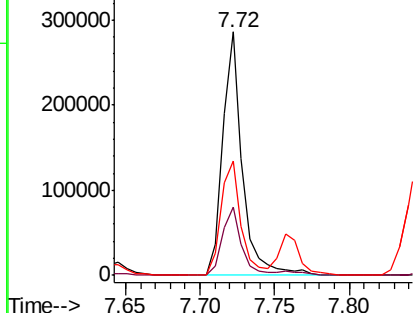
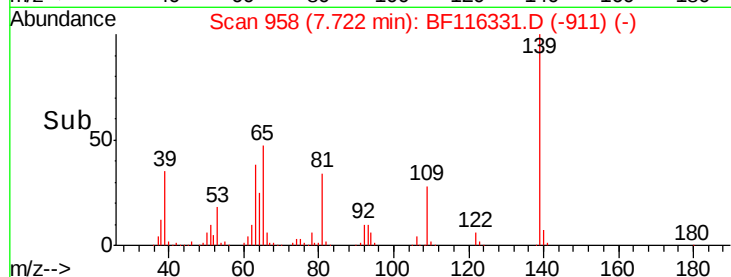
#26
 2-Nitrophenol
 Concen: 47.988 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMPMSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.9	23.4	35.2
65	47.0	41.1	61.7

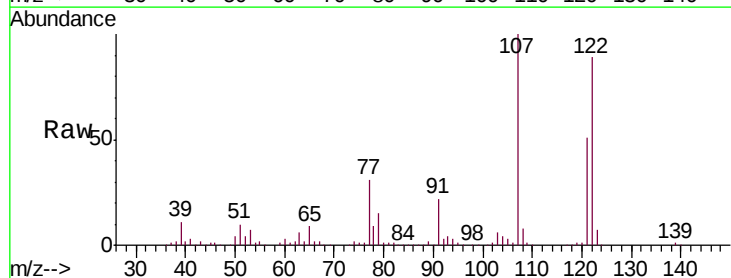


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

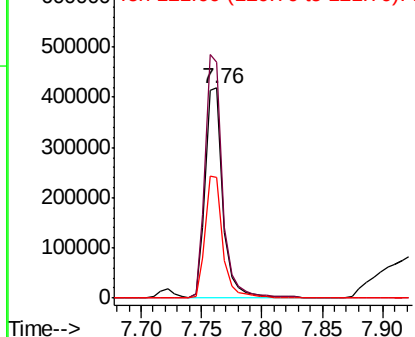
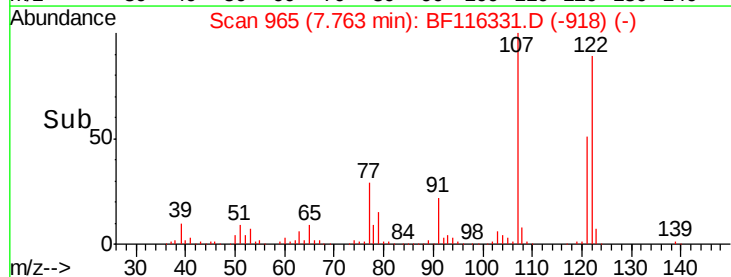


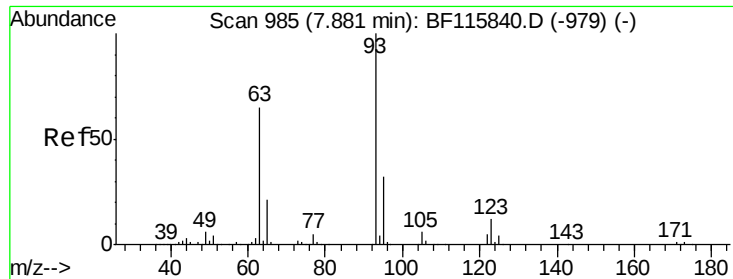
#27
 2,4-Dimethylphenol
 Concen: 51.101 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.5	93.0	139.6
121	57.7	47.6	71.4



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

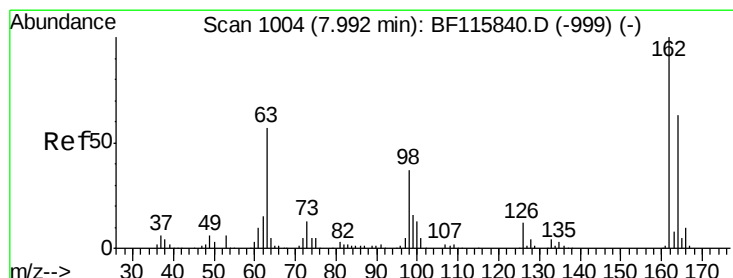
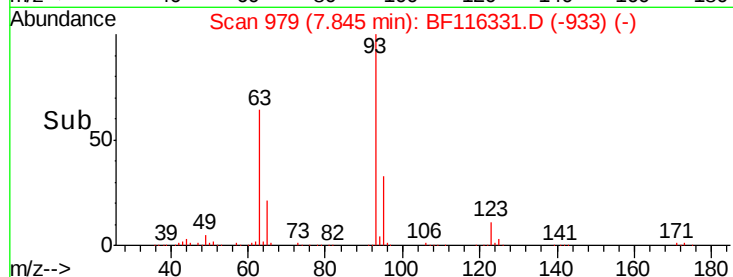
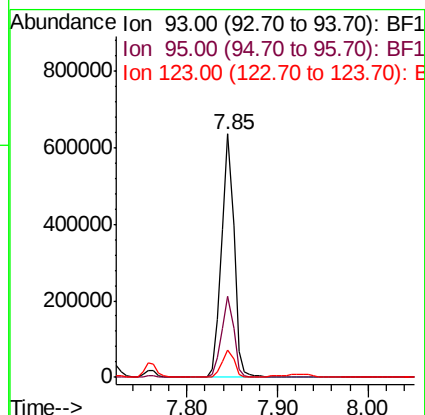
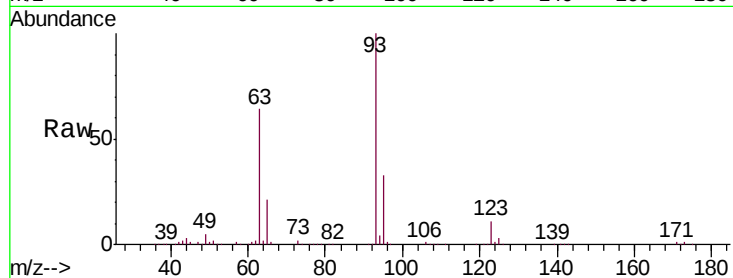




#28
 bis(2-Chloroethoxy)methane
 Concen: 46.658 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.03 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

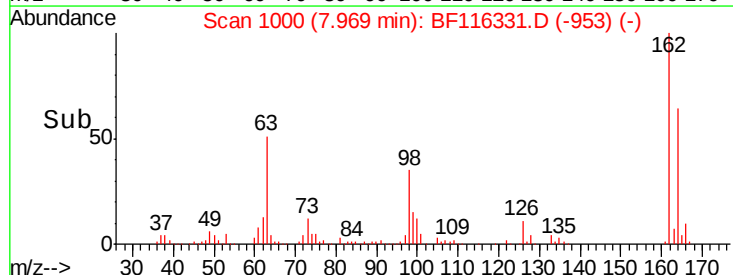
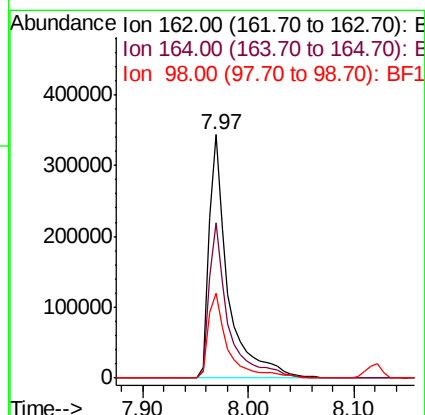
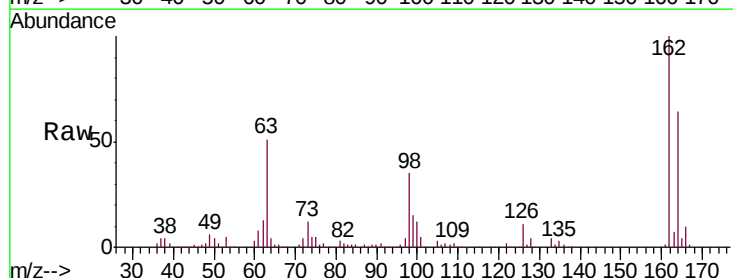
Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMPMSD

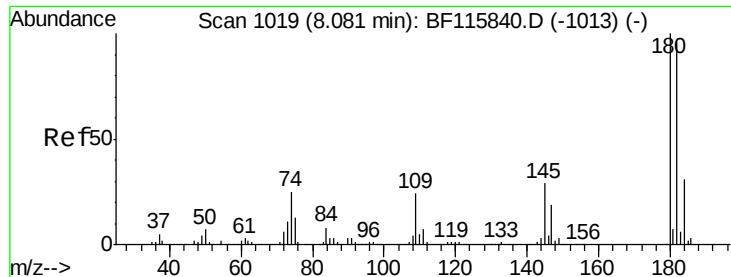
Tgt Ion: 93 Resp: 604333
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.2 39.4
 123 11.3 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 48.487 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

Tgt Ion: 162 Resp: 428440
 Ion Ratio Lower Upper
 162 100
 164 63.8 45.1 85.1
 98 35.0 15.8 55.8

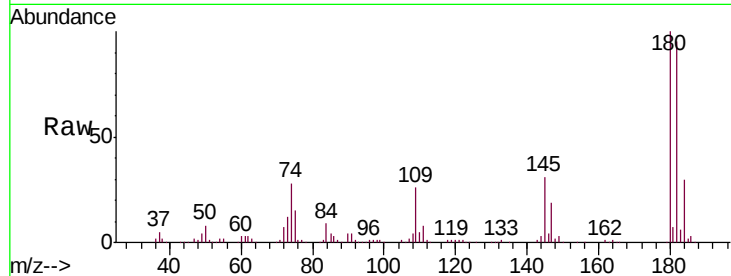




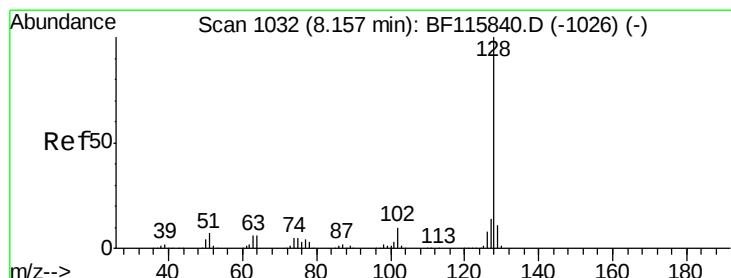
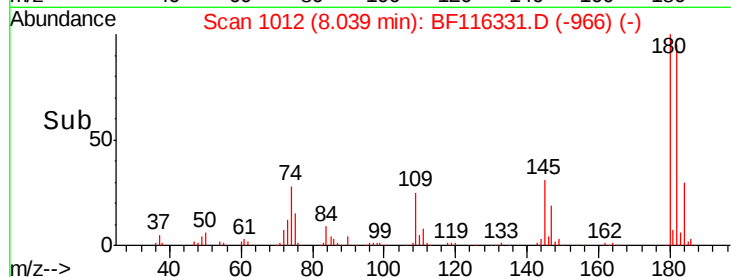
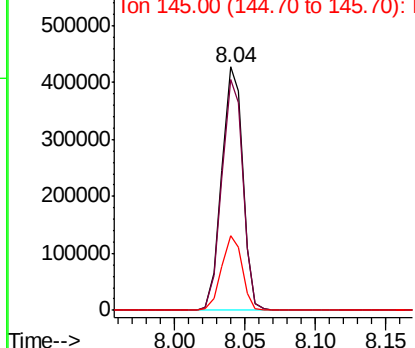
#30
 1,2,4-Trichlorobenzene
 Concen: 44.134 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMPMSD

Tgt Ion:180 Resp: 444540
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.7 113.5
 145 30.6 24.3 36.5

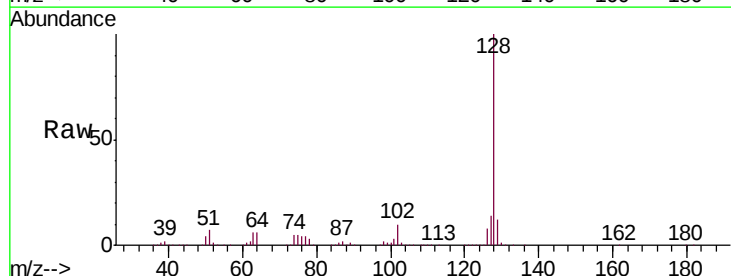


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

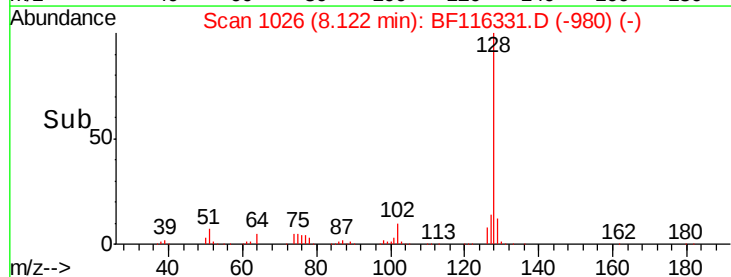
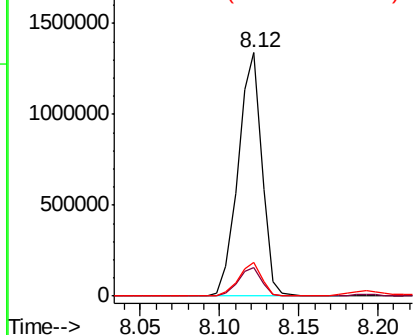


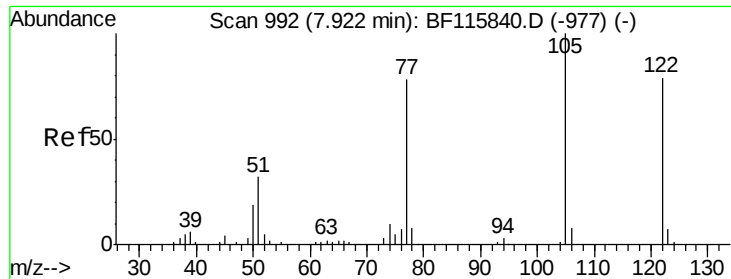
#31
 Naphthalene
 Concen: 46.743 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

Tgt Ion:128 Resp: 1387608
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.3 13.9
 127 14.0 11.4 17.0



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

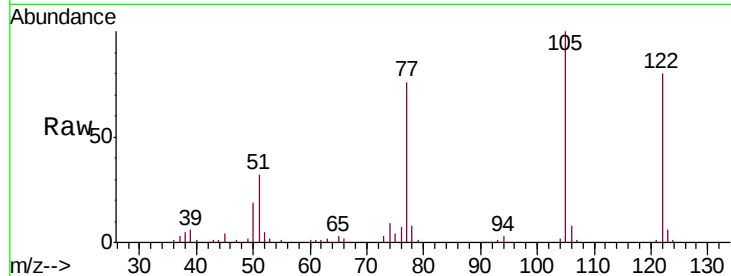




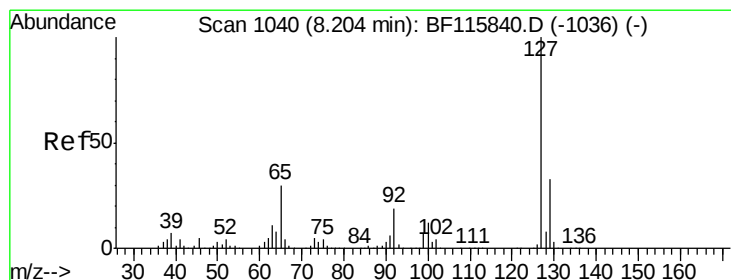
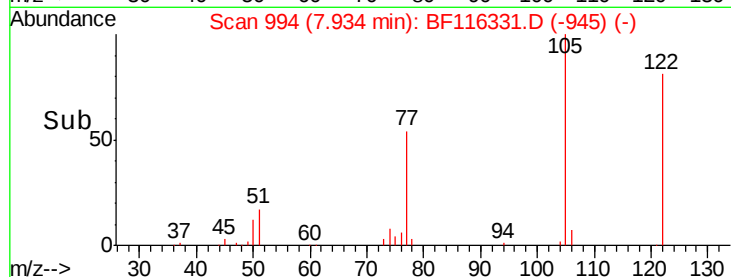
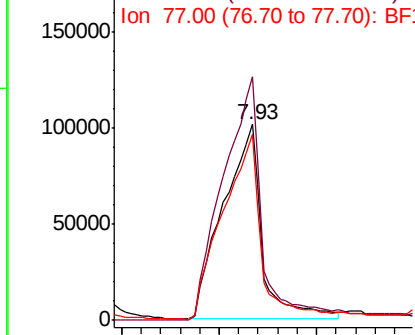
#32
Benzoic acid
Concen: 47.455 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMPMSD

Tgt Ion:122 Resp: 279995
Ion Ratio Lower Upper
122 100
105 124.3 106.1 146.1
77 95.1 76.7 116.7

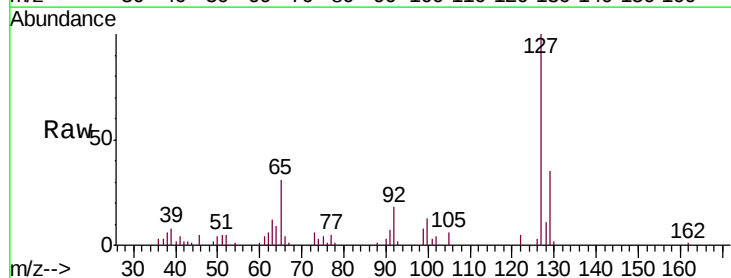


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

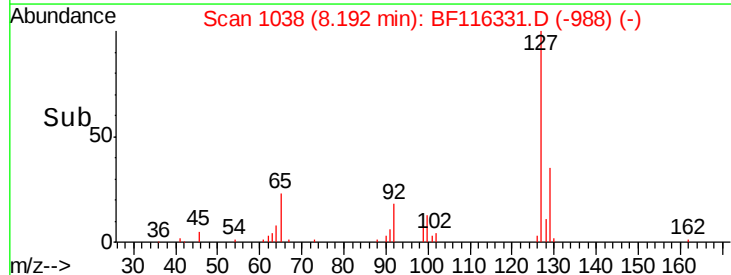
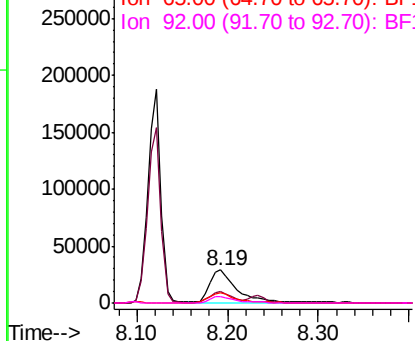


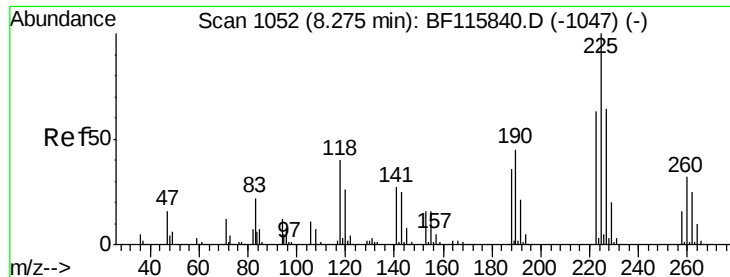
#33
4-Chloroaniline
Concen: 4.488 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Tgt Ion:127 Resp: 59534
Ion Ratio Lower Upper
127 100
129 34.6 26.1 39.1
65 30.6 24.9 37.3
92 18.1 15.7 23.5



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

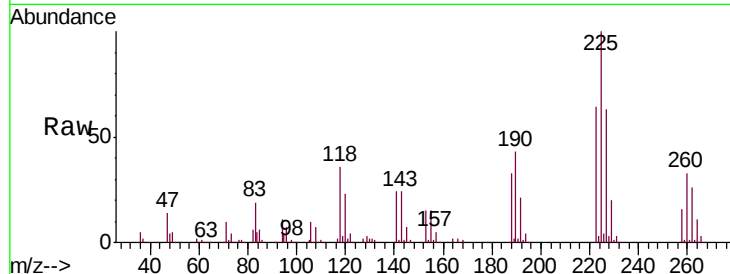




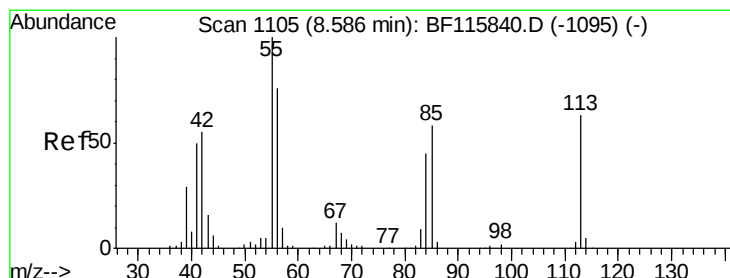
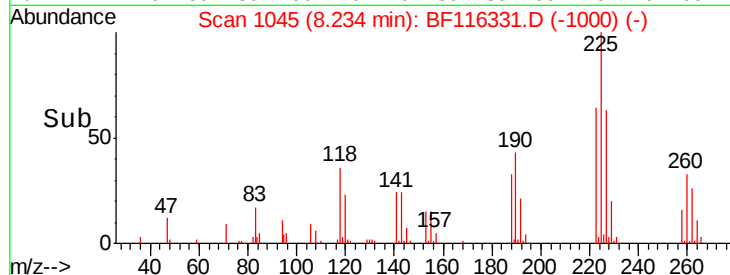
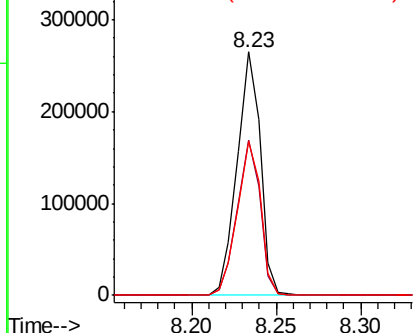
#34
Hexachlorobutadiene
Concen: 43.835 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.04 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMPMSD

Tgt Ion: 225 Resp: 254316
Ion Ratio Lower Upper
225 100
223 63.9 50.0 75.0
227 63.4 51.0 76.4

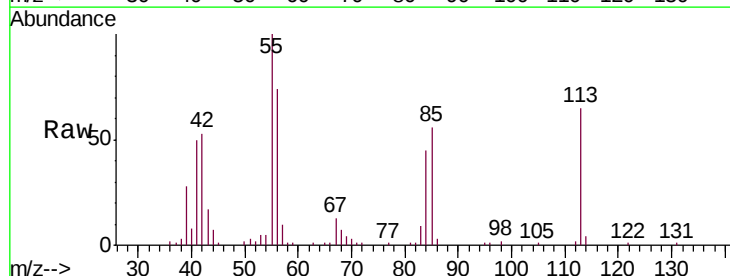


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

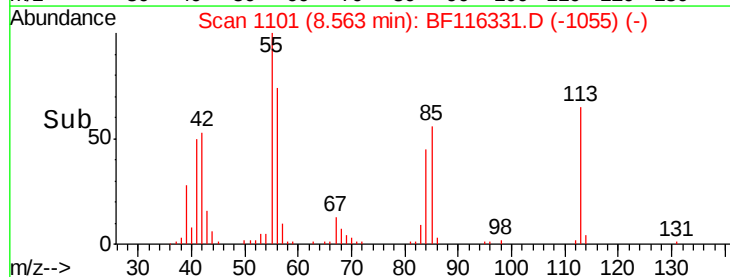
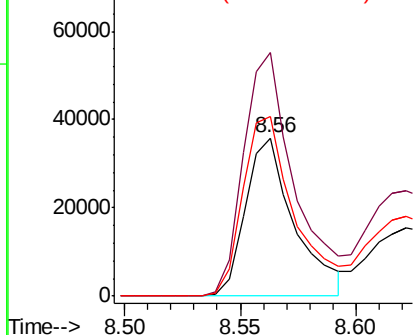


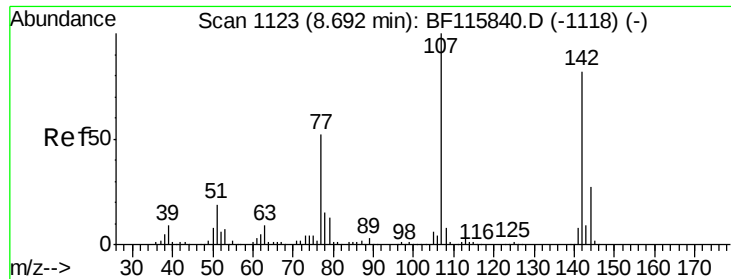
#35
Caprolactam
Concen: 18.508 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.03 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Tgt Ion: 113 Resp: 52892
Ion Ratio Lower Upper
113 100
55 154.0 144.3 184.3
56 113.8 97.1 137.1



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

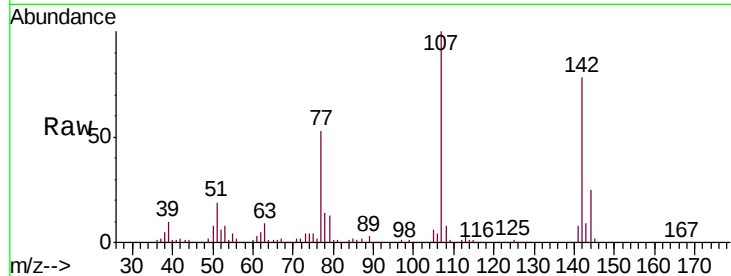




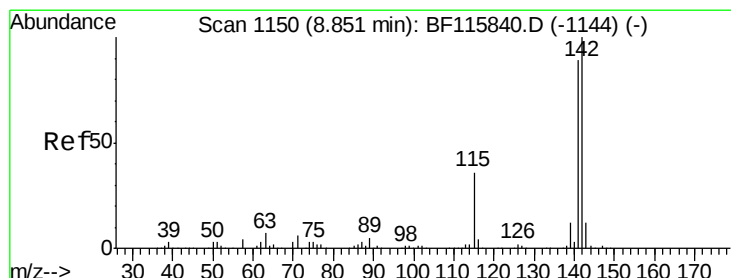
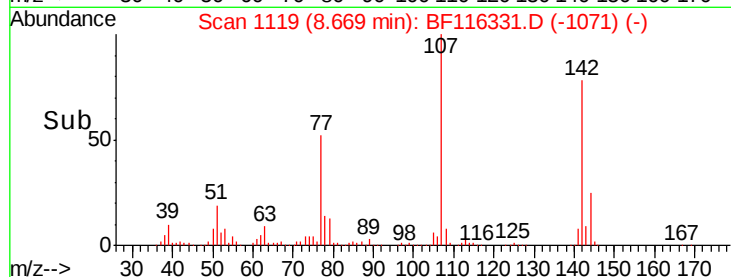
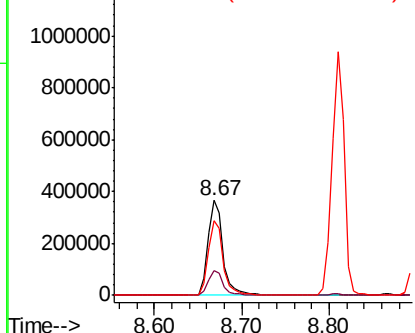
#36
 4-Chloro-3-methylphenol
 Concen: 47.459 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMPMSD

Tgt Ion:107 Resp: 436262
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.2 30.2
 142 78.4 61.7 92.5

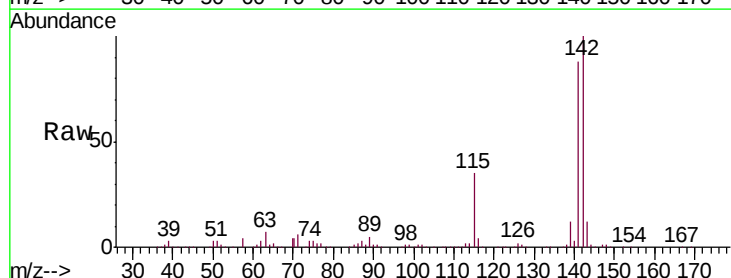


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

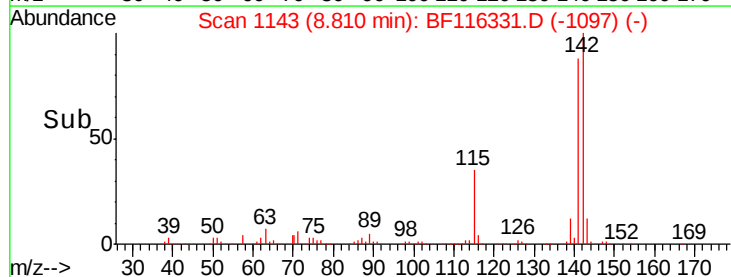
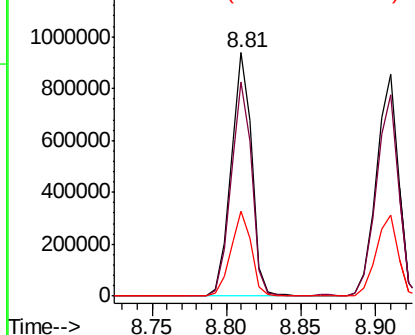


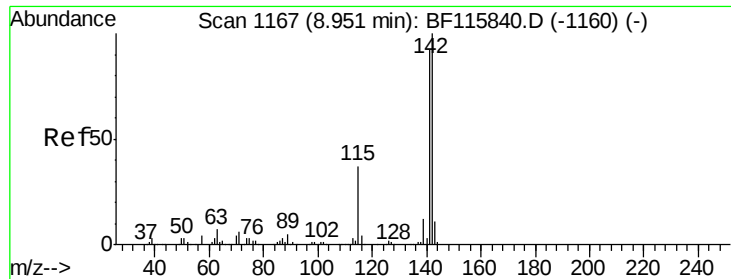
#37
 2-Methylnaphthalene
 Concen: 46.702 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

Tgt Ion:142 Resp: 913044
 Ion Ratio Lower Upper
 142 100
 141 87.8 70.9 106.3
 115 35.1 29.0 43.6



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

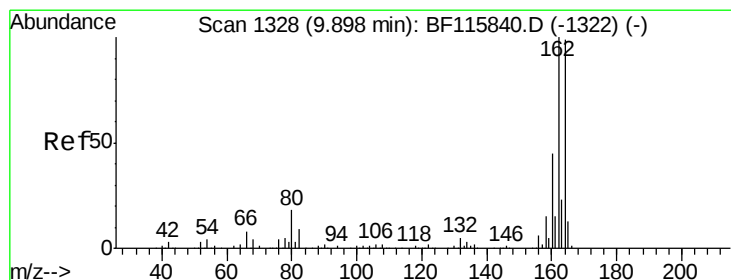
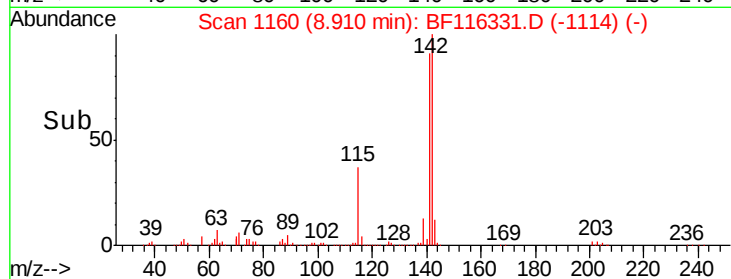
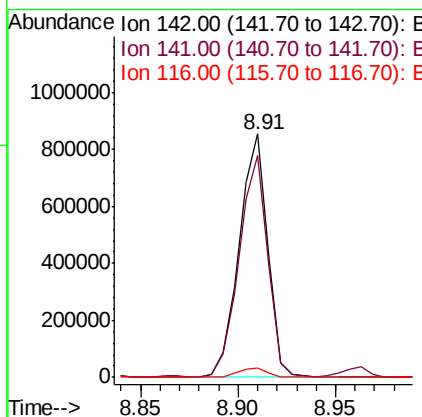
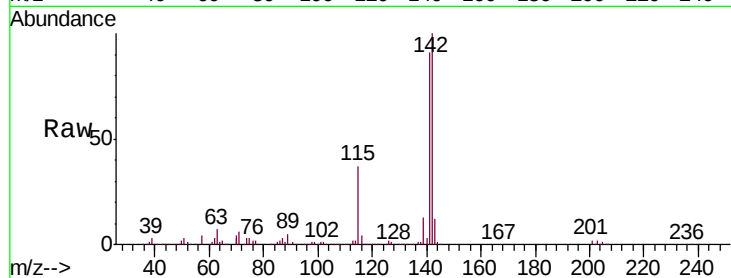




#38
1-Methylnaphthalene
Concen: 46.418 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

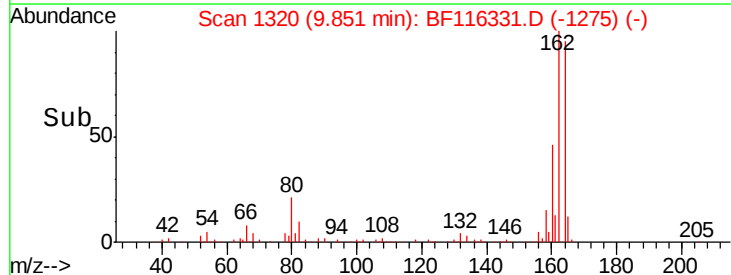
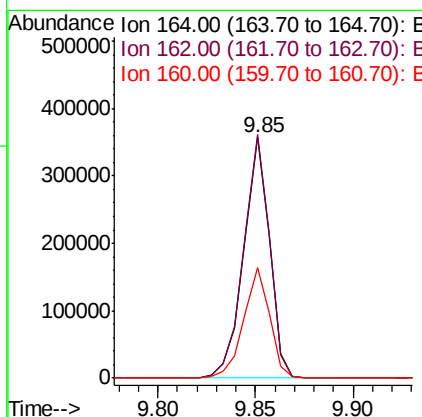
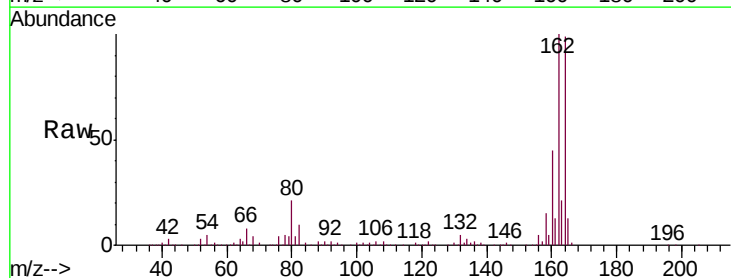
Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMPMSD

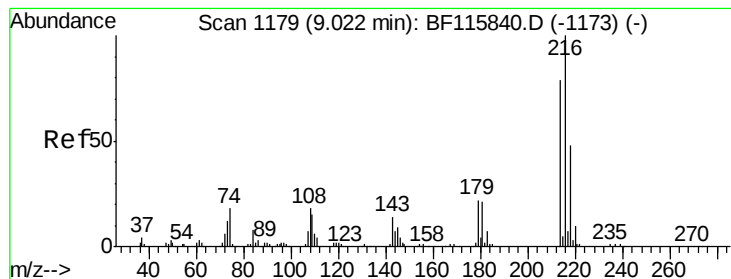
Tgt Ion:142 Resp: 858537
Ion Ratio Lower Upper
142 100
141 91.0 74.4 111.6
116 3.8 3.1 4.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Tgt Ion:164 Resp: 327687
Ion Ratio Lower Upper
164 100
162 101.2 82.6 124.0
160 46.0 37.6 56.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.184 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMSPD

Tgt Ion:216 Resp: 422110

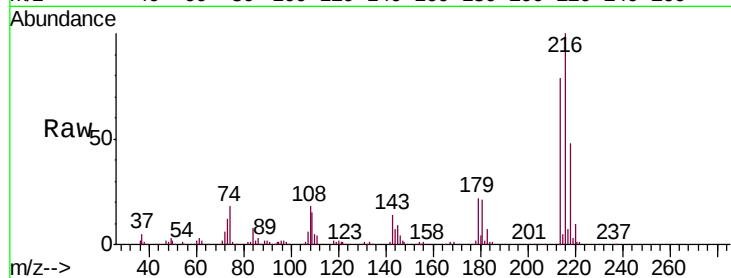
Ion Ratio Lower Upper

216 100

214 79.5 63.6 95.4

179 22.4 17.8 26.8

108 21.2 16.5 24.7

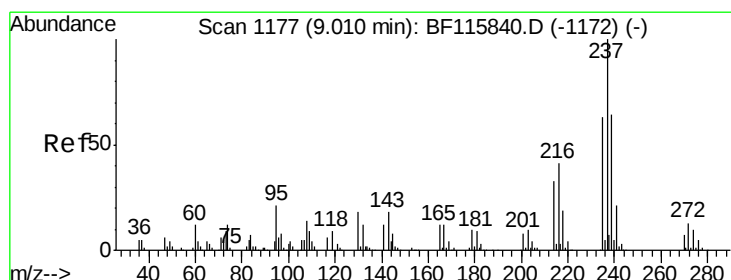
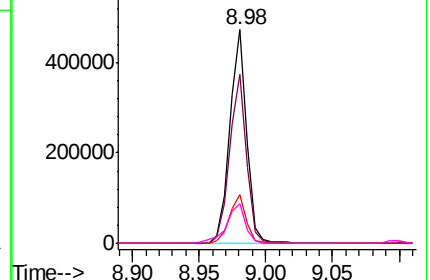
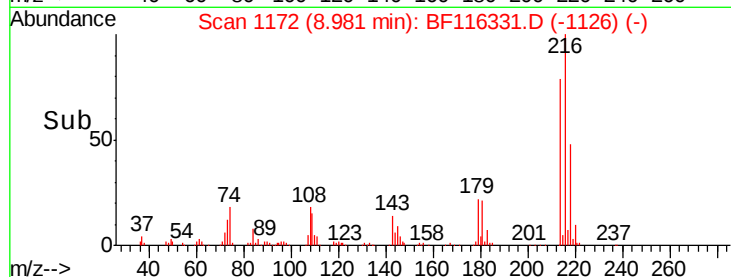


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 64.611 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

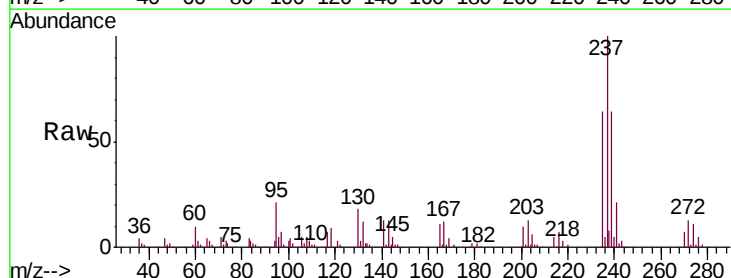
Tgt Ion:237 Resp: 249265

Ion Ratio Lower Upper

237 100

235 63.7 43.4 83.4

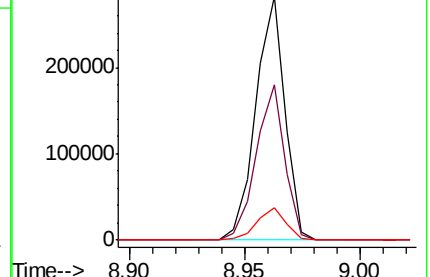
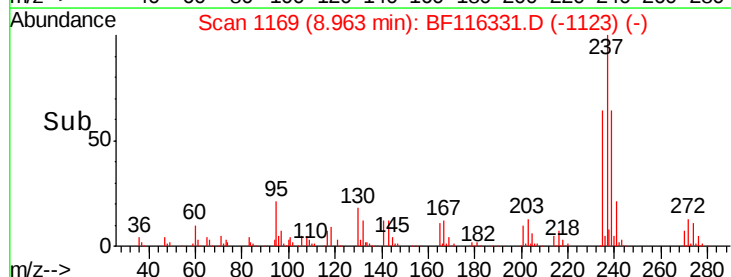
272 13.4 0.0 33.2

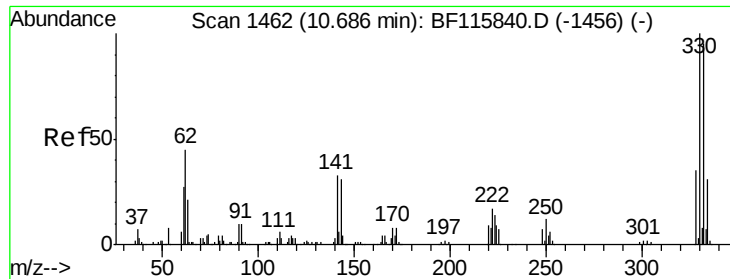


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 130.322 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMSD

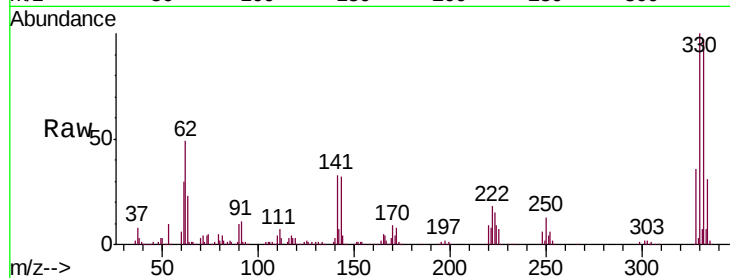
Tgt Ion:330 Resp: 414034

Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

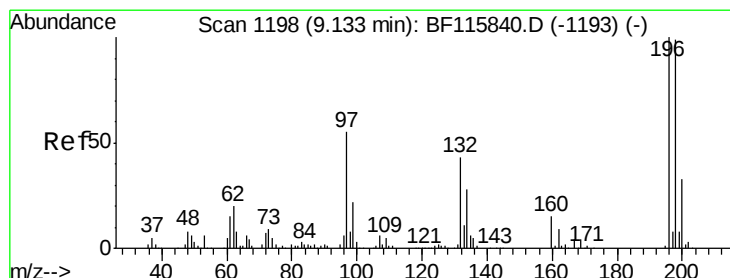
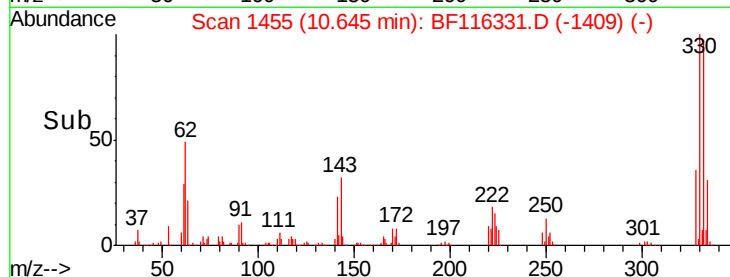
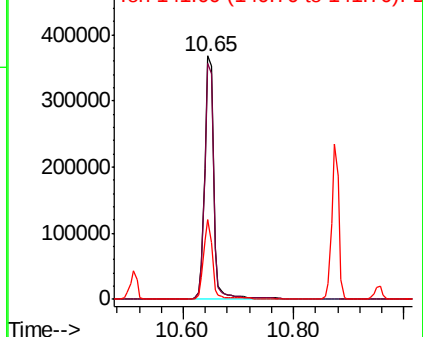
141 31.8 26.3 39.5



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: 44.875 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

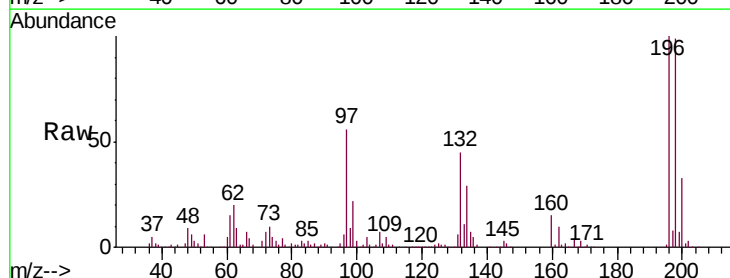
Tgt Ion:196 Resp: 270591

Ion Ratio Lower Upper

196 100

198 99.4 79.2 118.8

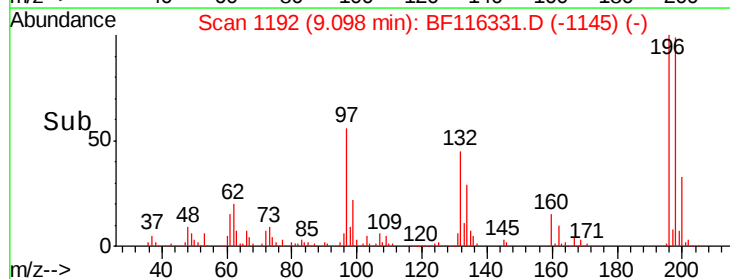
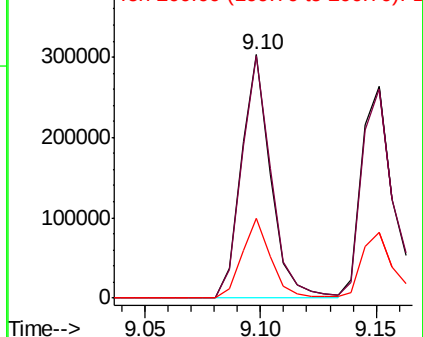
200 32.5 25.2 37.8

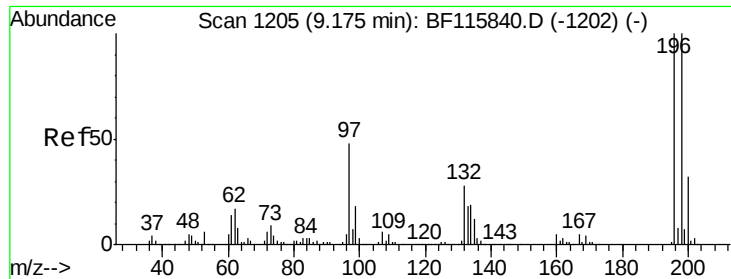


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

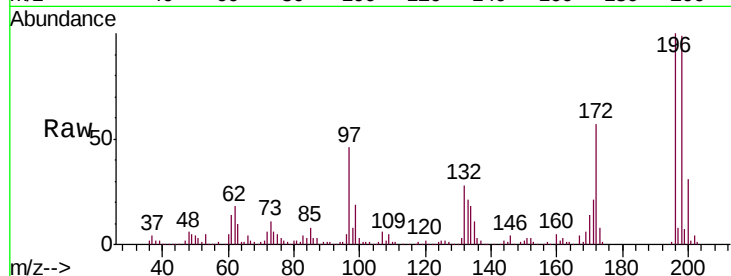




#44
 2,4,5-Trichlorophenol
 Concen: 45.114 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMPMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.2	78.8	118.2
97	46.1	42.2	63.4
132	28.1	24.0	36.0



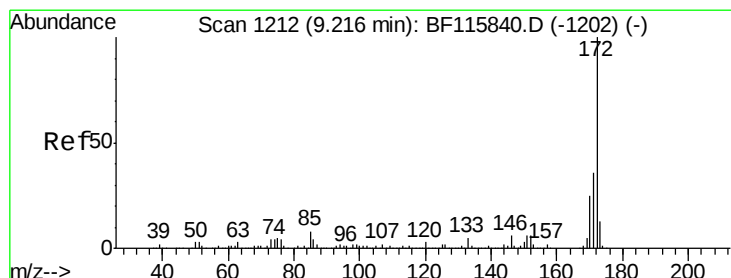
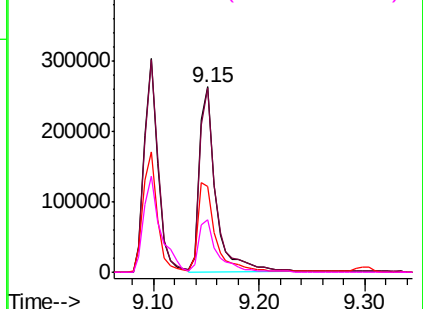
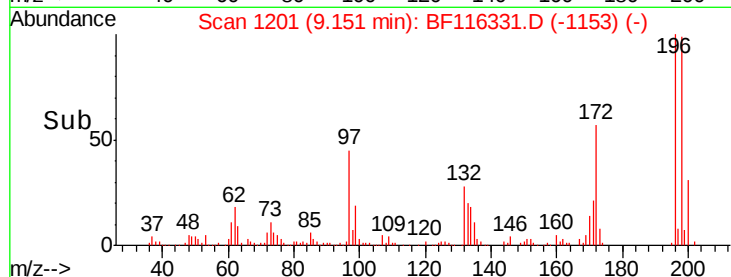
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

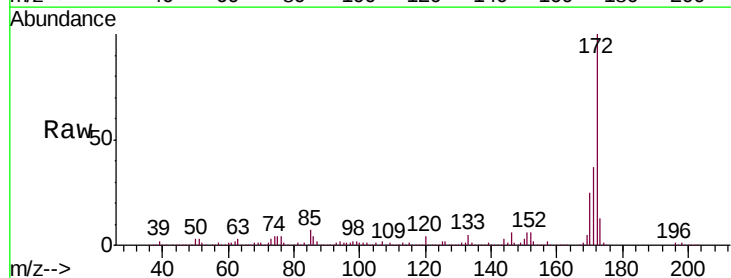
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.848 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	25.4	20.1	30.1

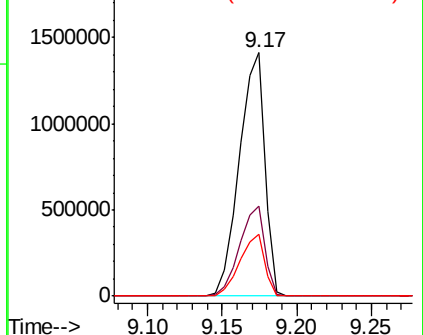
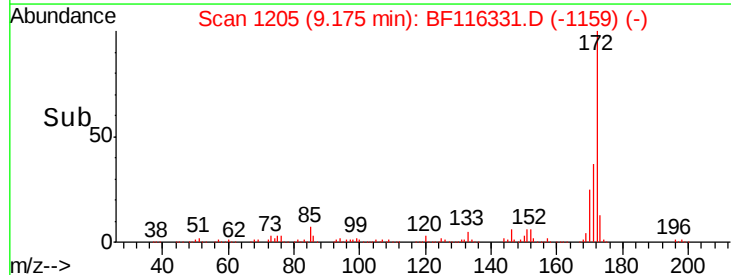


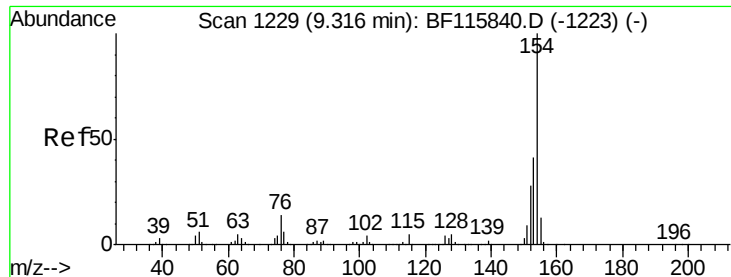
Abundance

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

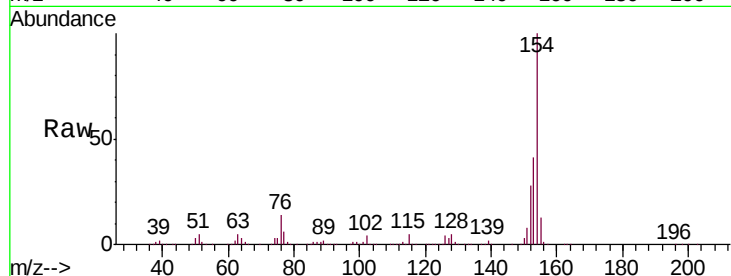




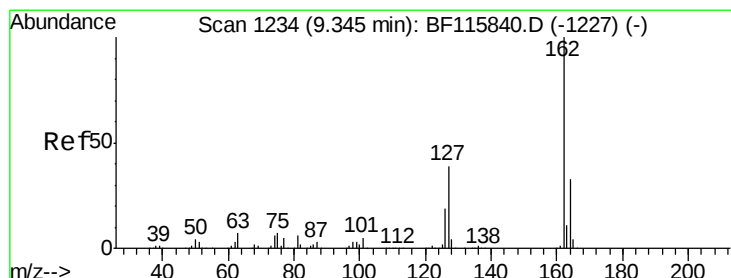
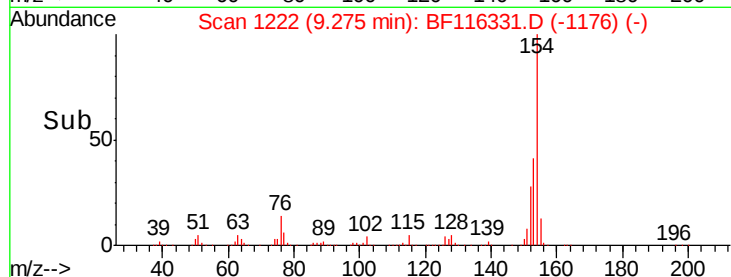
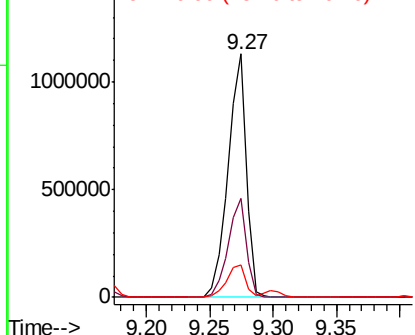
#46
 1,1'-Biphenyl
 Concen: 48.319 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.03 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMPMSD

Tgt Ion:154 Resp: 1117834
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.4 61.4
 76 13.5 0.0 35.2

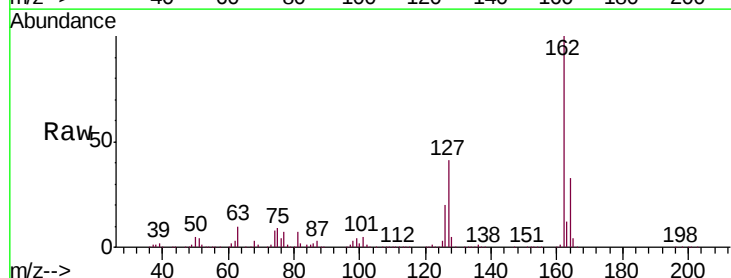


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

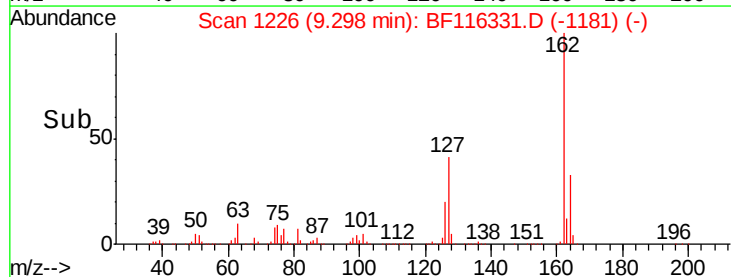
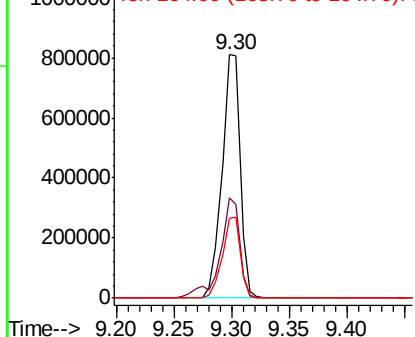


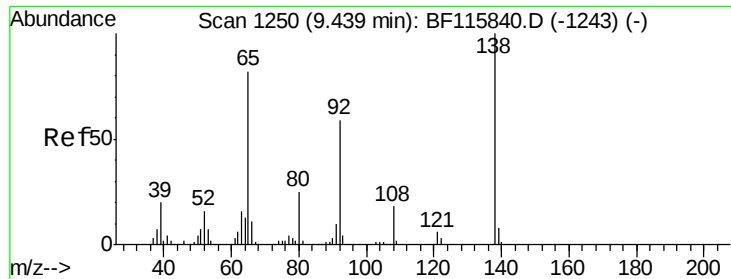
#47
 2-Chloronaphthalene
 Concen: 46.204 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.04 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

Tgt Ion:162 Resp: 889651
 Ion Ratio Lower Upper
 162 100
 127 41.3 32.8 49.2
 164 33.0 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

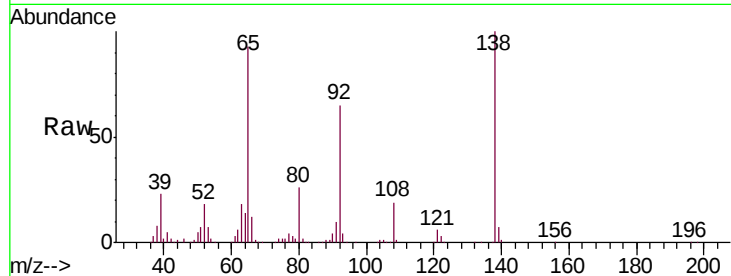




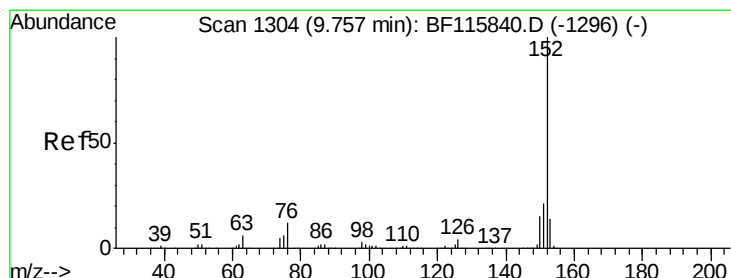
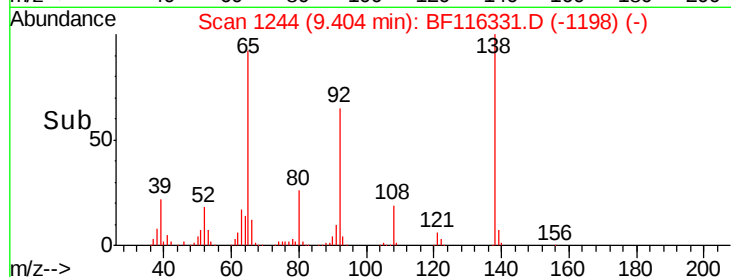
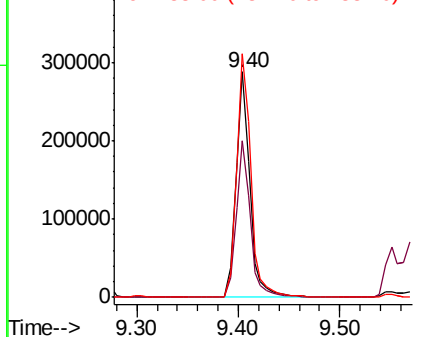
#48
2-Nitroaniline
Concen: 42.965 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.03 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Instrument :
BNA_F
ClientSampleId :
1S-I(0-1)-COMPMSD

Tgt Ion: 65 Resp: 273449
Ion Ratio Lower Upper
65 100
92 69.7 57.8 86.8
138 108.0 94.0 141.0

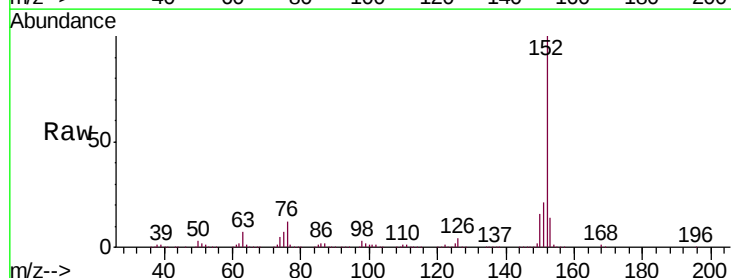


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

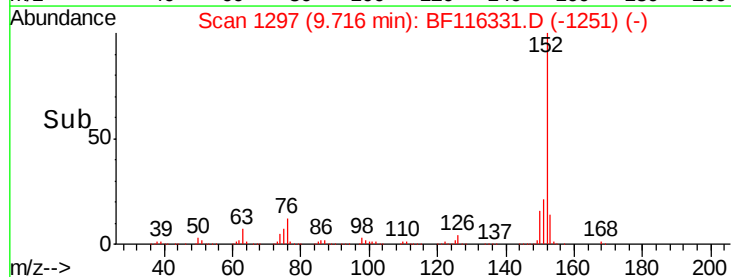
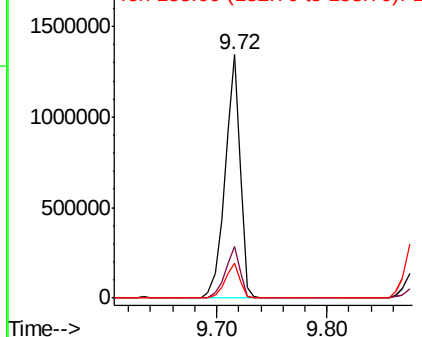


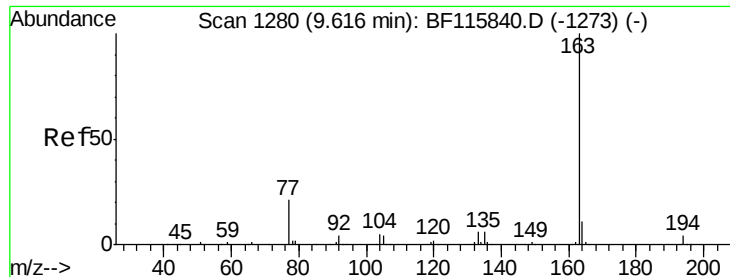
#49
Acenaphthylene
Concen: 45.477 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.03 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Tgt Ion: 152 Resp: 1277506
Ion Ratio Lower Upper
152 100
151 21.1 17.2 25.8
153 14.3 11.8 17.8



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

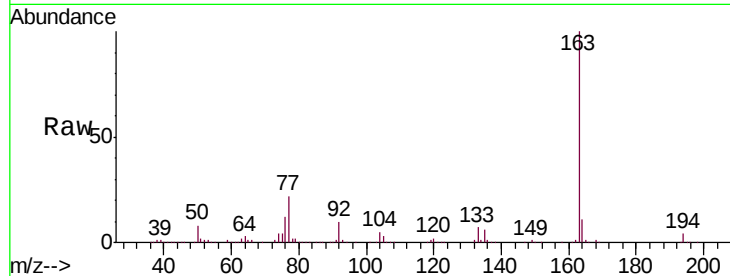




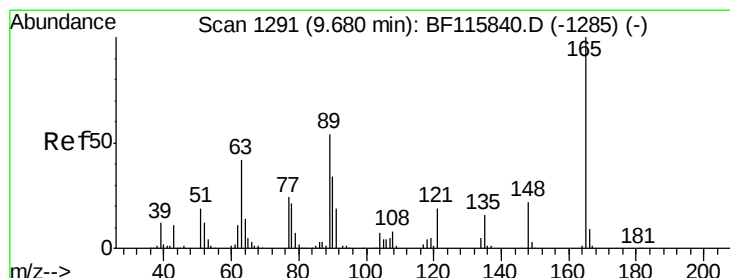
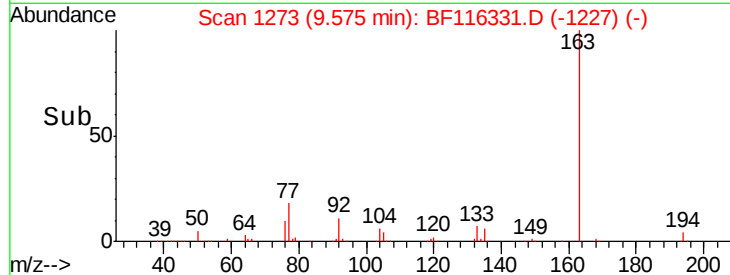
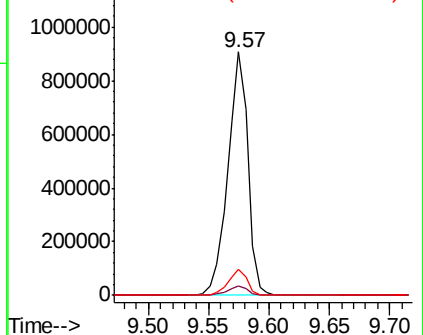
#50
Dimethylphthalate
Concen: 46.737 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMPMSD

Tgt Ion:163 Resp: 1042789
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.5 8.4 12.6

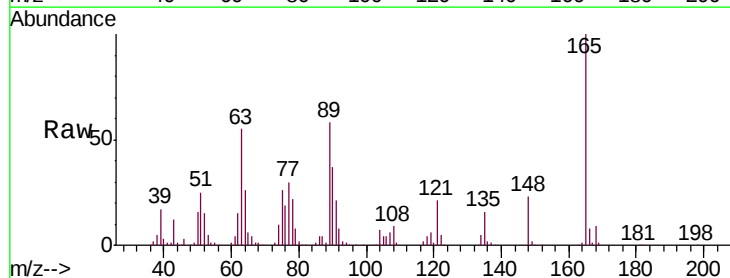


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

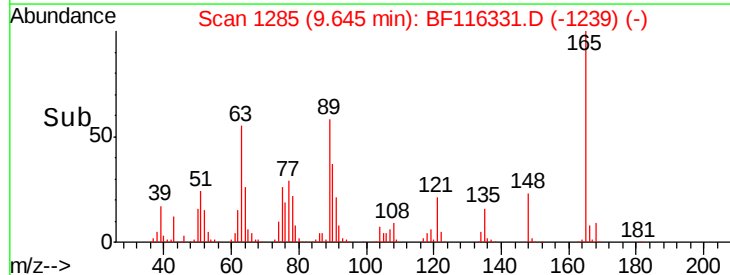
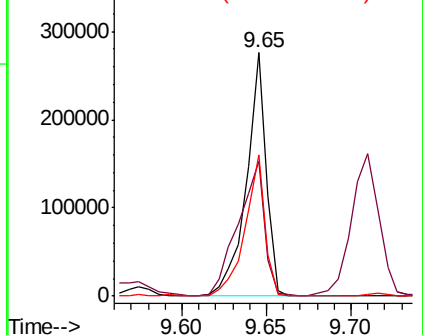


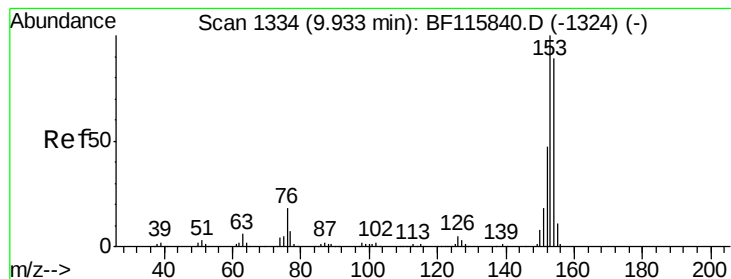
#51
2,6-Dinitrotoluene
Concen: 47.050 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.03 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Tgt Ion:165 Resp: 228131
Ion Ratio Lower Upper
165 100
63 55.5 38.2 57.2
89 58.1 42.9 64.3



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





#52

Acenaphthene

Concen: 46.317 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.04 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMSD

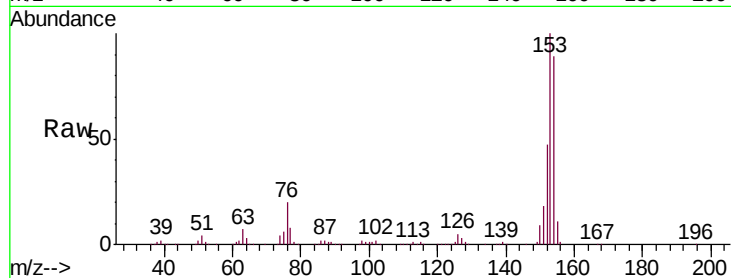
Tgt Ion:154 Resp: 798194

Ion Ratio Lower Upper

154 100

153 112.3 89.4 134.0

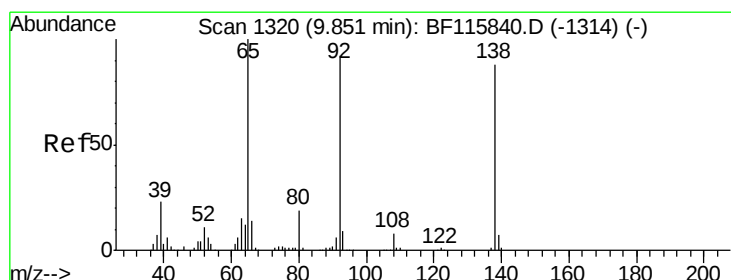
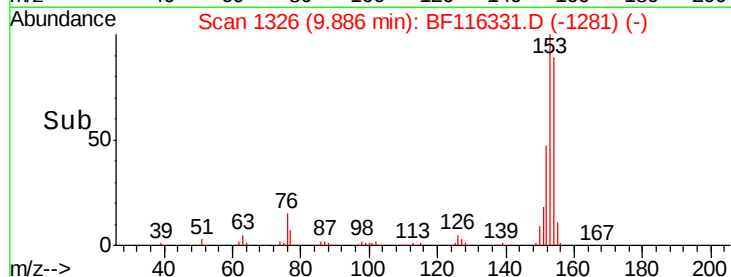
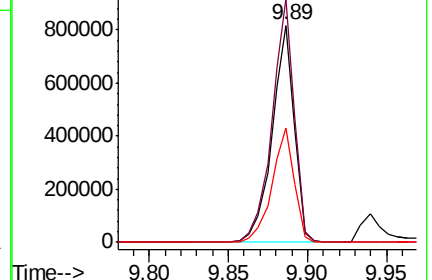
152 53.1 42.3 63.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 8.766 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

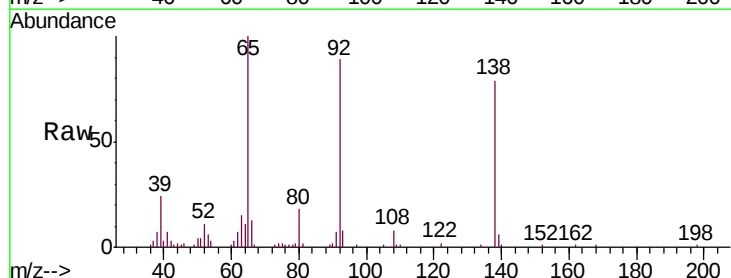
Tgt Ion:138 Resp: 52520

Ion Ratio Lower Upper

138 100

108 10.7 8.0 12.0

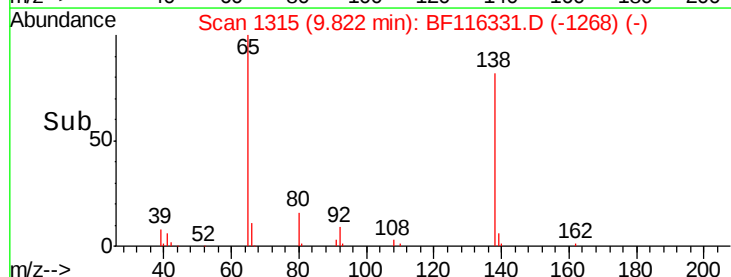
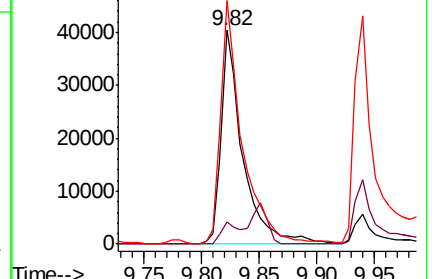
92 113.9 91.0 136.6

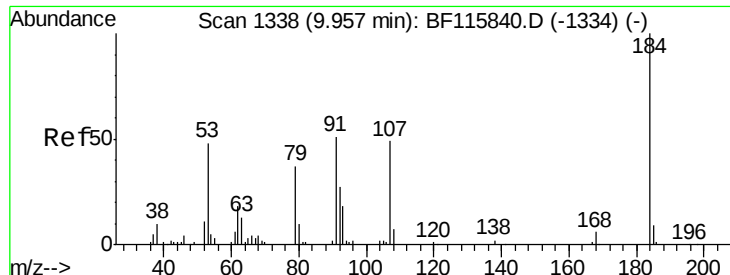


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

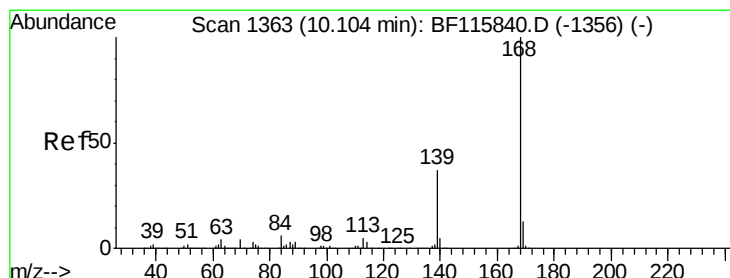
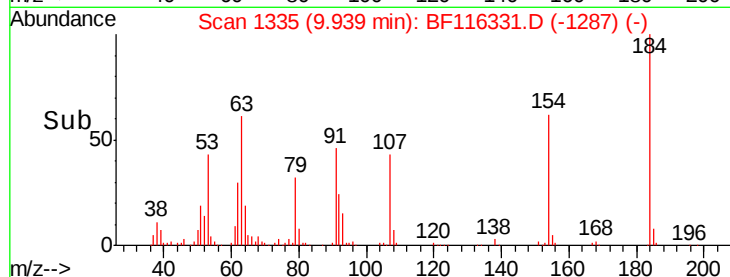
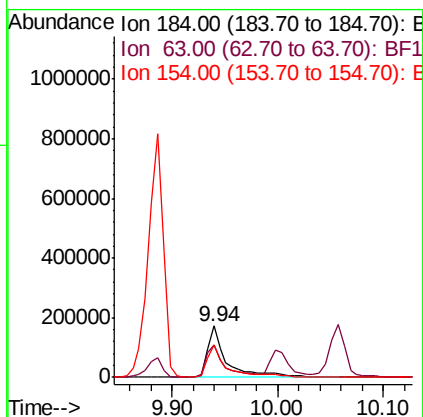
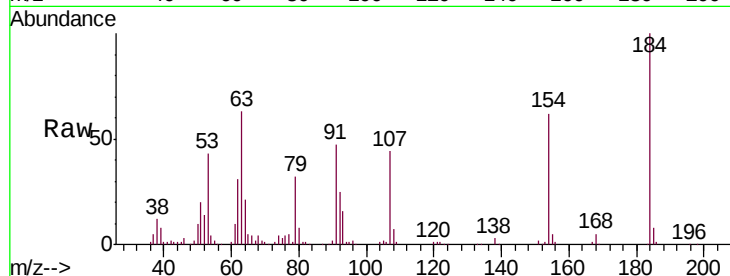




#54
2,4-Dinitrophenol
Concen: 87.547 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

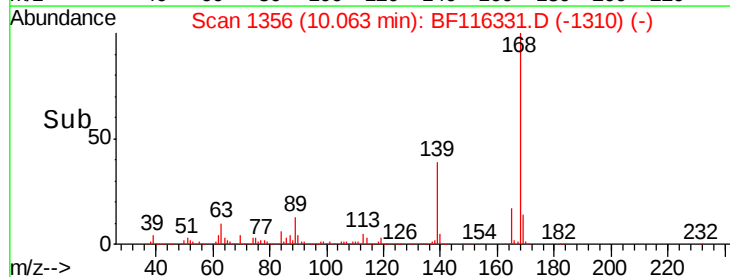
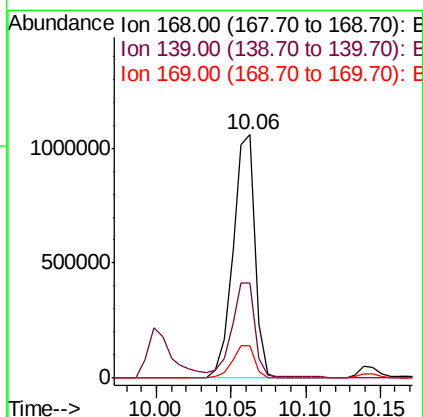
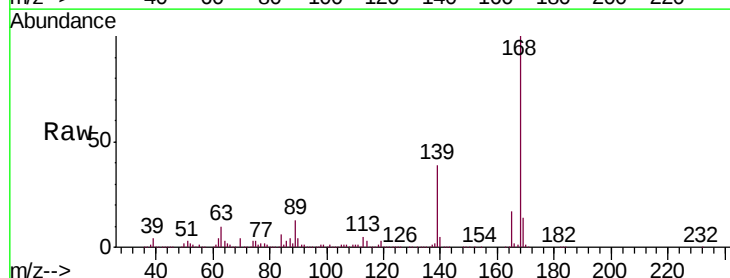
Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMPMSD

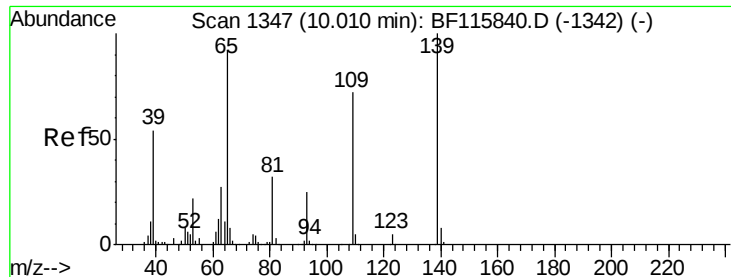
Tgt Ion:184 Resp: 217919
Ion Ratio Lower Upper
184 100
63 62.9 53.0 79.4
154 62.1 50.1 75.1



#55
Dibenzofuran
Concen: 43.586 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.03 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Tgt Ion:168 Resp: 1092338
Ion Ratio Lower Upper
168 100
139 39.1 31.4 47.2
169 13.5 10.9 16.3

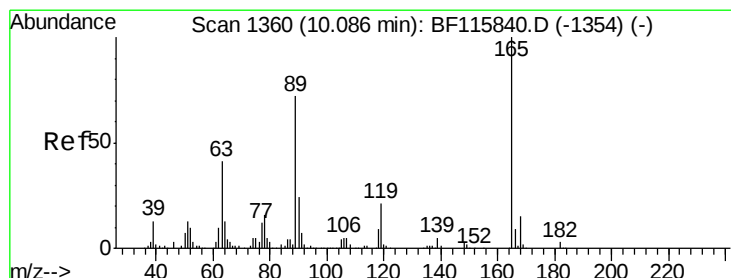
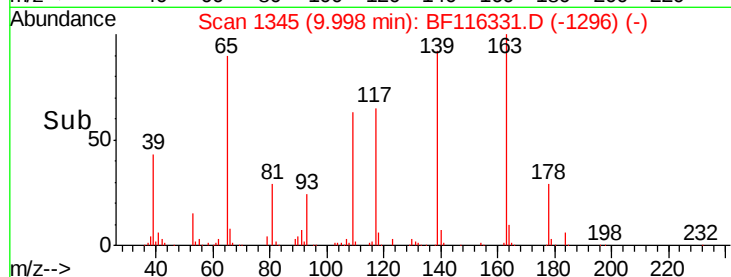
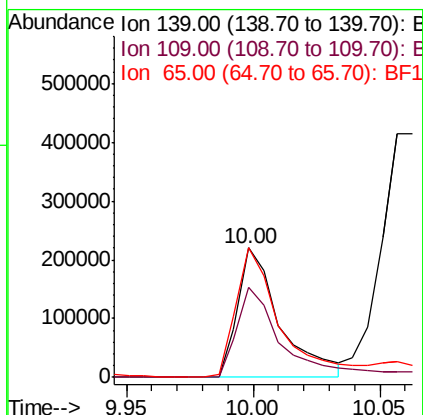
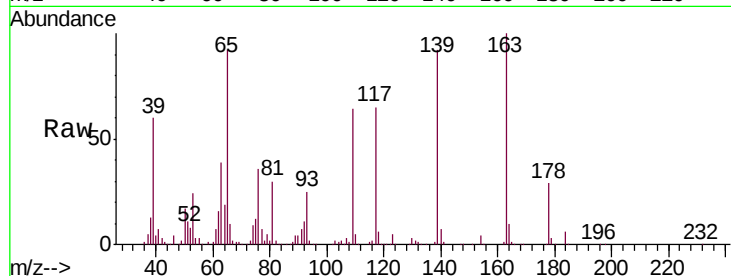




#56
4-Nitrophenol
Concen: 66.665 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

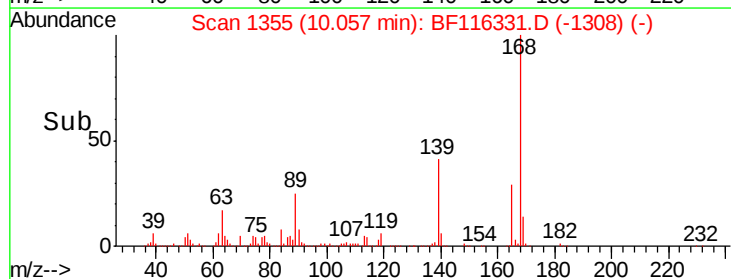
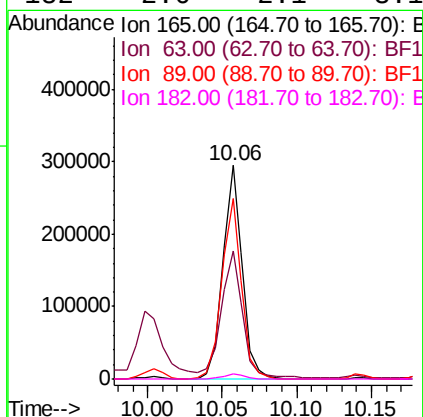
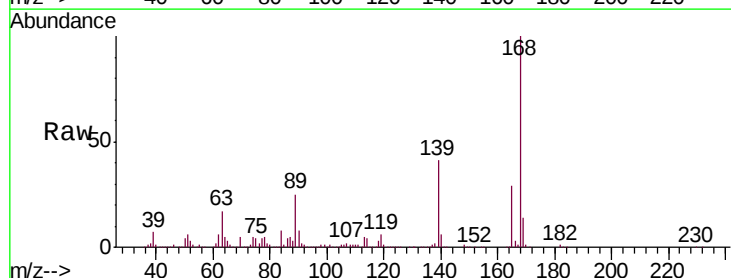
Instrument :
BNA_F
ClientSampleId :
1S-I(0-1)-COMPMSD

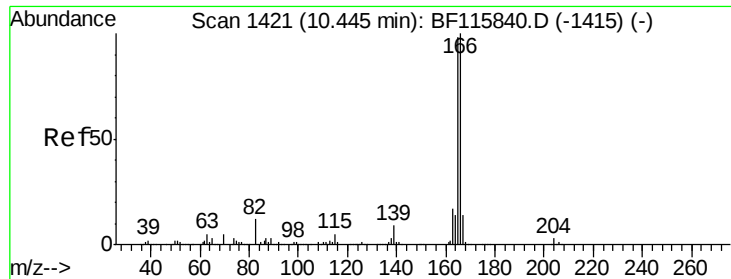
Tgt Ion:139 Resp: 255858
Ion Ratio Lower Upper
139 100
109 69.8 54.4 94.4
65 100.1 80.6 120.6



#57
2,4-Dinitrotoluene
Concen: 41.989 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Tgt Ion:165 Resp: 271070
Ion Ratio Lower Upper
165 100
63 59.9 39.6 59.4#
89 84.3 62.2 93.2
182 2.6 2.1 3.1





#58

Fluorene

Concen: 47.057 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Instrument :

BNA_F

ClientSampleId :

1S-I(0-1)-COMPMSD

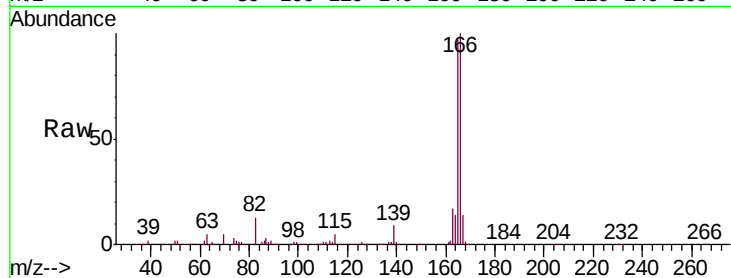
Tgt Ion:166 Resp: 907354

Ion Ratio Lower Upper

166 100

165 96.6 78.4 117.6

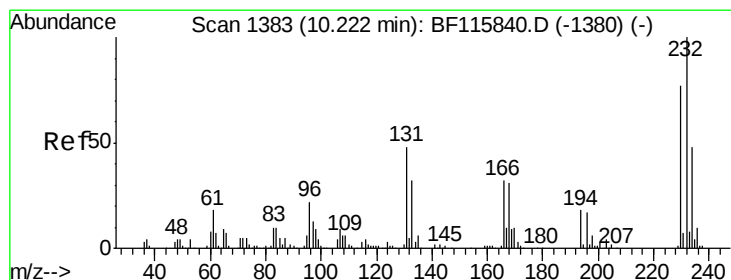
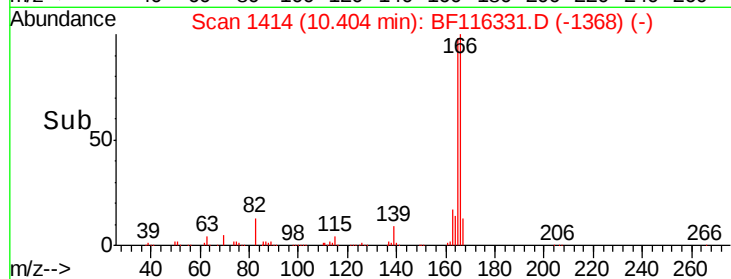
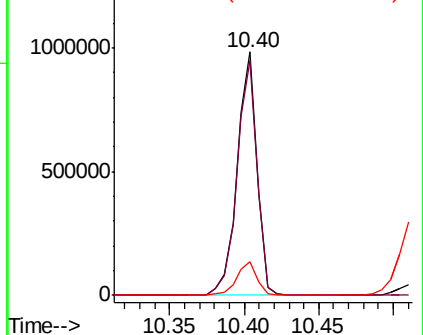
167 13.6 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 49.160 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Tgt Ion:232 Resp: 257793

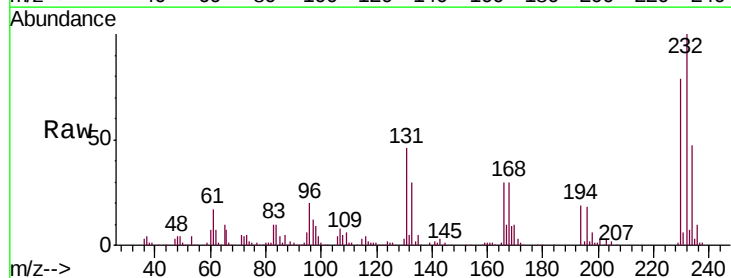
Ion Ratio Lower Upper

232 100

131 42.7 36.2 54.2

130 2.5 1.9 2.9

166 28.1 23.0 34.4

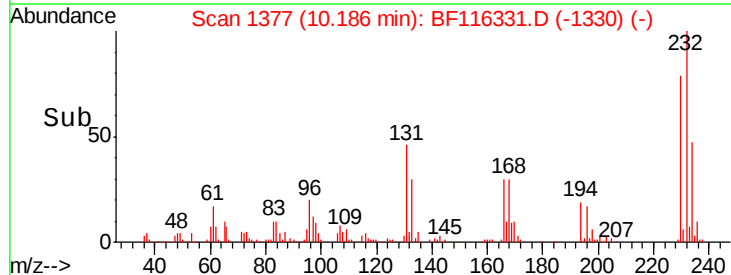
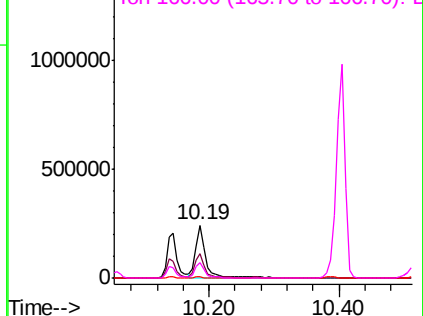


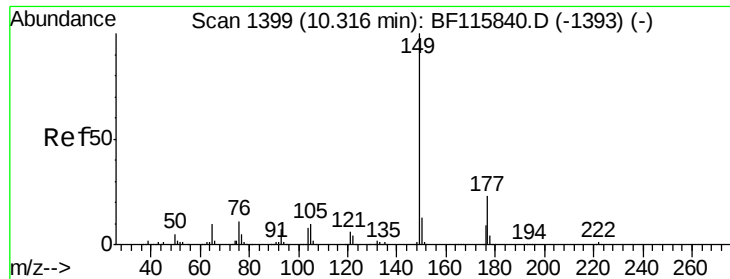
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

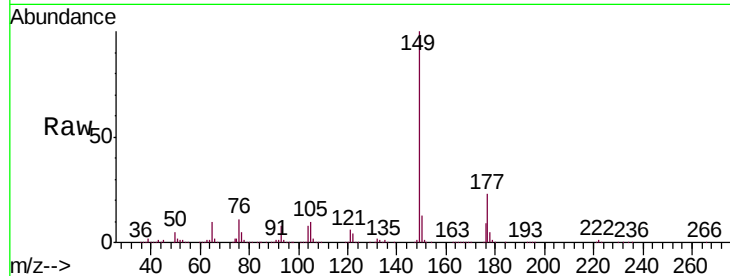




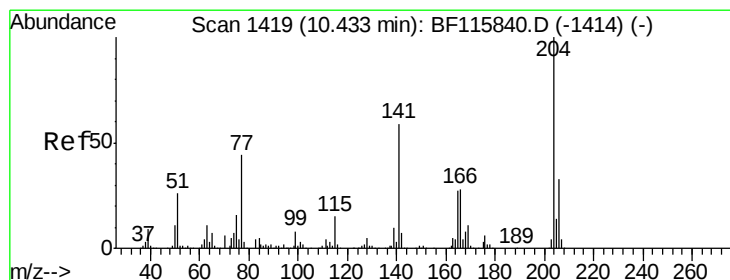
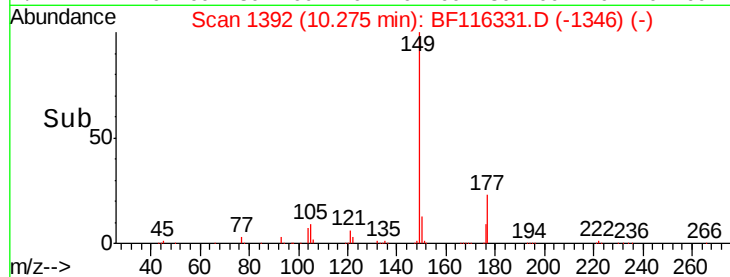
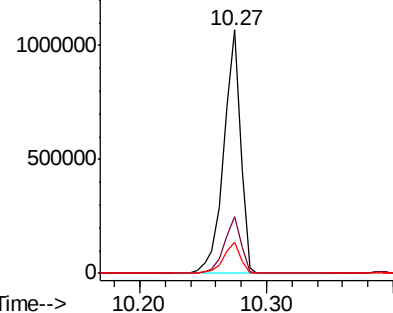
#60
Diethylphthalate
Concen: 46.383 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.03 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMPMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.8	28.2
150	13.0	10.2	15.4

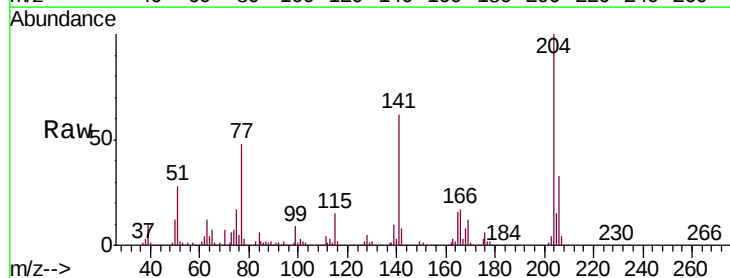


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

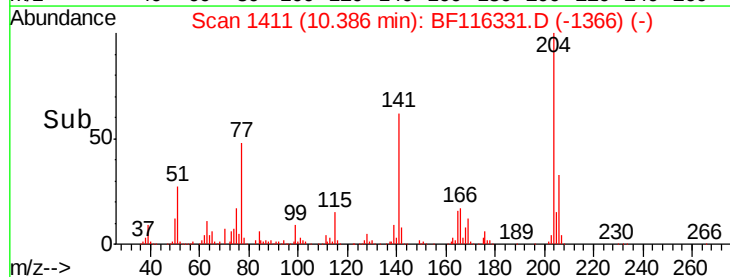
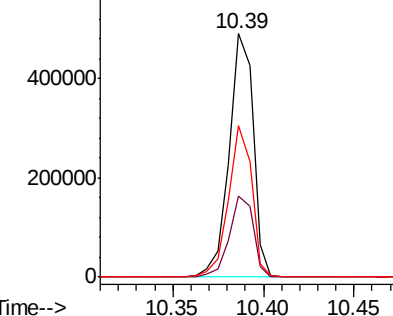


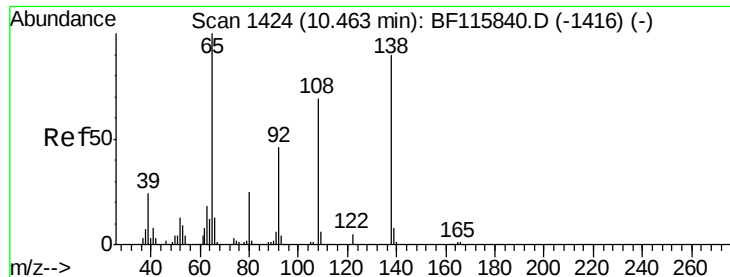
#61
4-Chlorophenyl-phenylether
Concen: 46.453 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.04 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.4	39.6
141	62.0	46.4	69.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

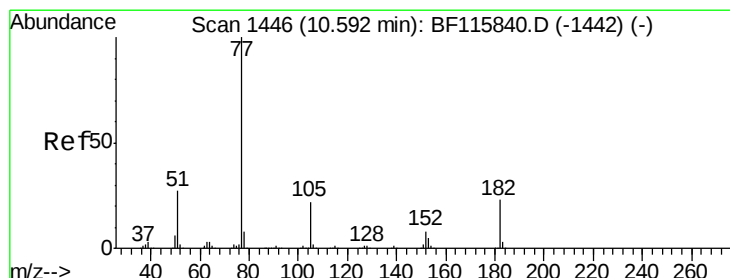
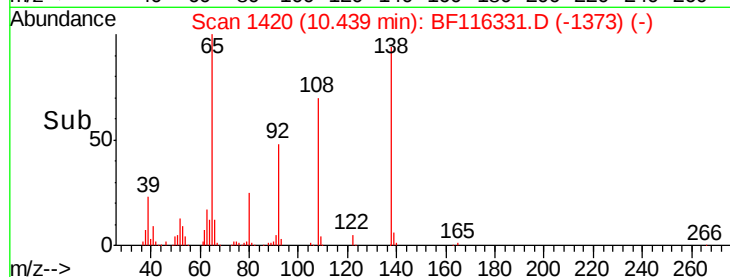
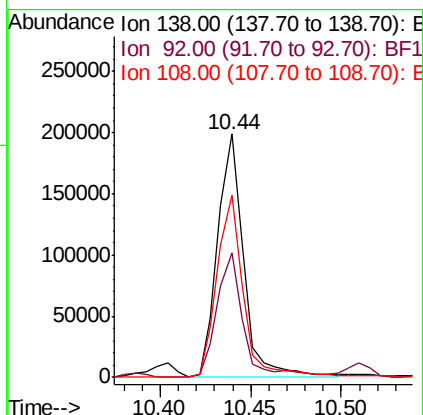
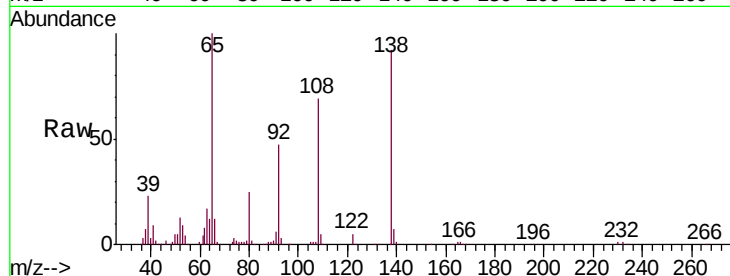




#62
4-Nitroaniline
Concen: 31.819 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

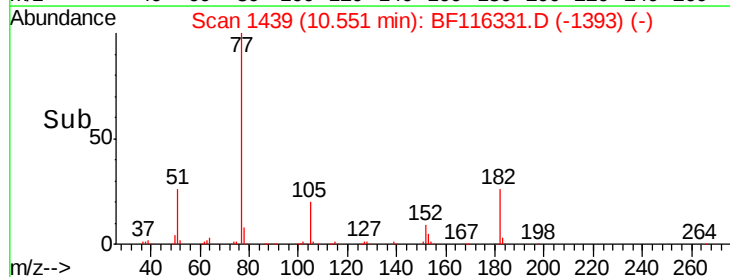
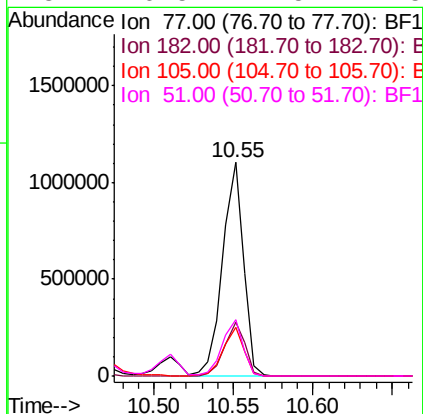
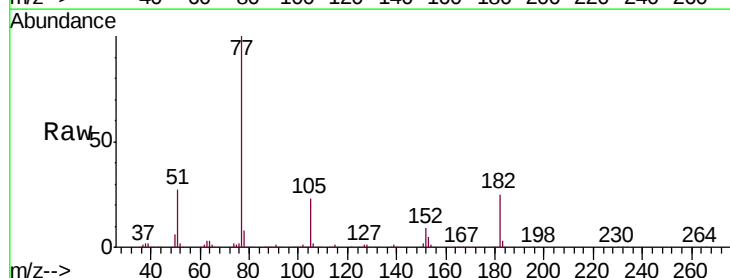
Instrument :
BNA_F
ClientSampleId :
1S-I(0-1)-COMPMSD

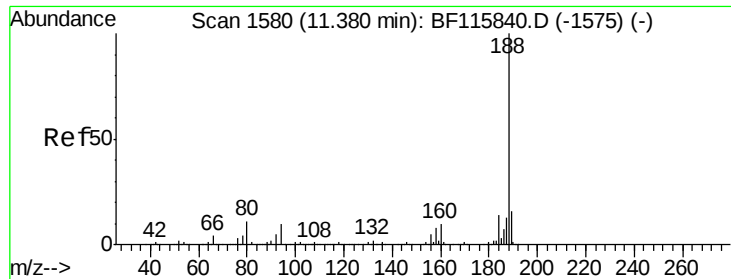
Tgt Ion: 138 Resp: 197009
Ion Ratio Lower Upper
138 100
92 51.1 29.0 69.0
108 75.0 54.7 94.7



#63
Azobenzene
Concen: 46.944 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Tgt Ion: 77 Resp: 1005825
Ion Ratio Lower Upper
77 100
182 25.4 4.0 44.0
105 22.9 2.0 42.0
51 26.5 7.5 47.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Instrument :

BNA_F

ClientSampleId :

1S-I(0-1)-COMPMSD

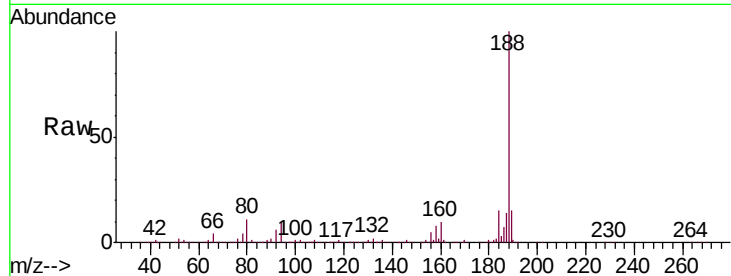
Tgt Ion:188 Resp: 546366

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

80 10.7 8.7 13.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

800000

600000

400000

200000

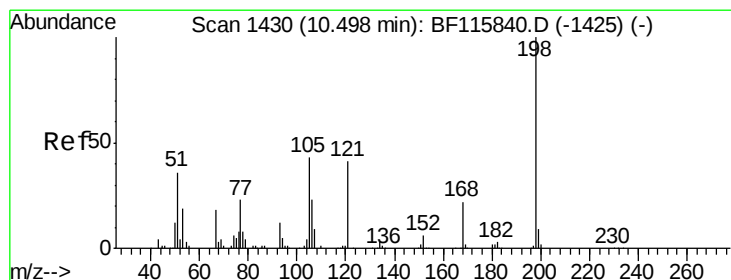
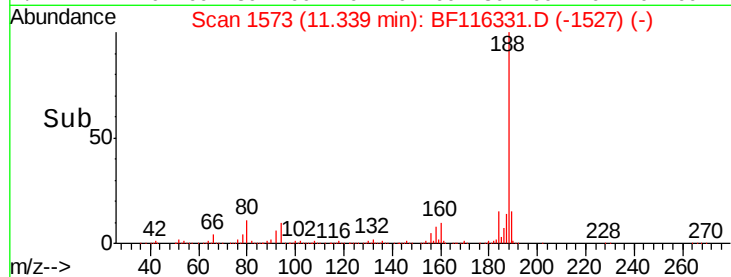
0

11.34

11.35

11.40

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 50.688 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

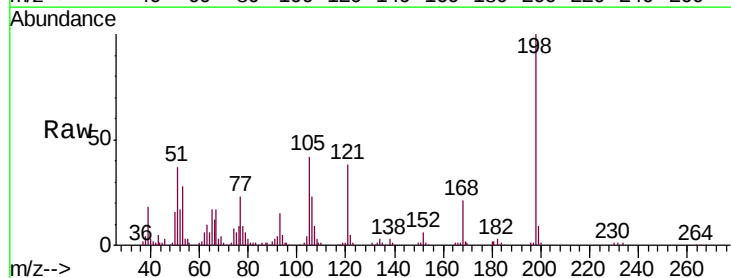
Tgt Ion:198 Resp: 146762

Ion Ratio Lower Upper

198 100

51 36.7 17.0 57.0

105 42.3 21.6 61.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

400000

300000

200000

100000

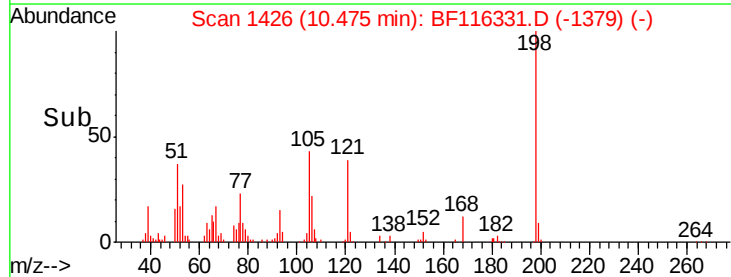
0

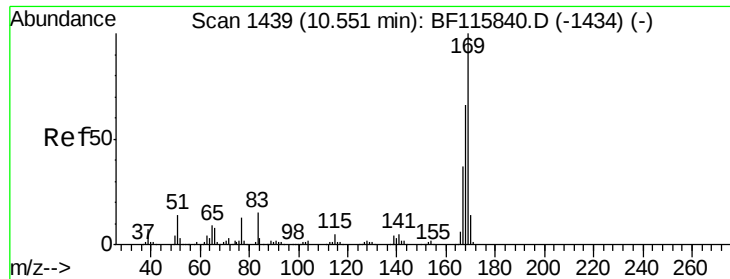
10.47

10.50

10.60

Time-->

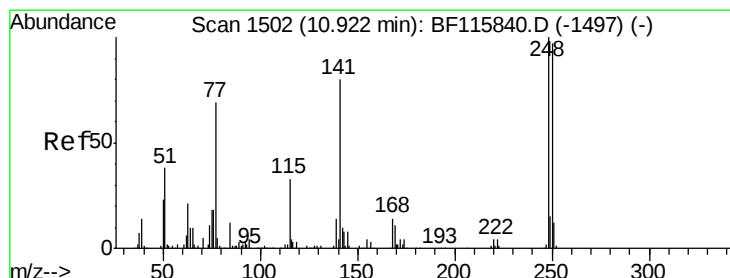
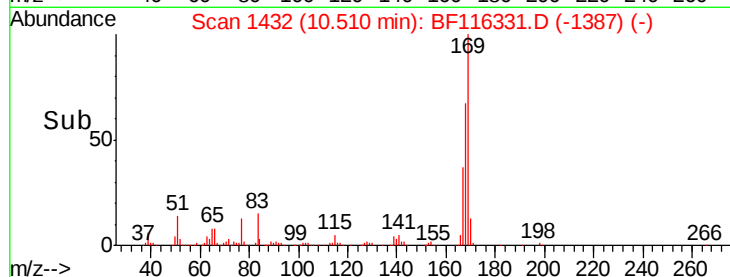
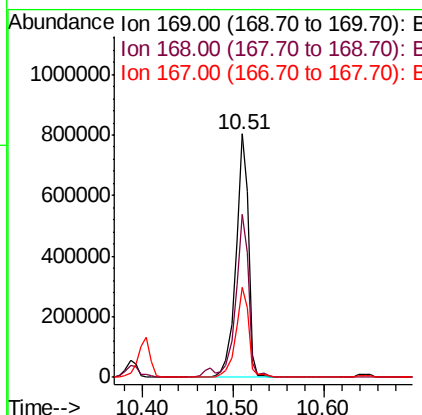
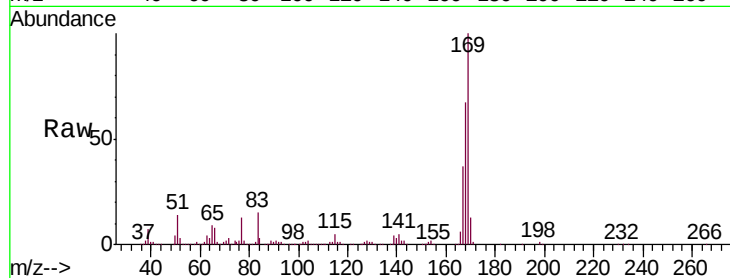




#66
 n-Nitrosodiphenylamine
 Concen: 47.629 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.04 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

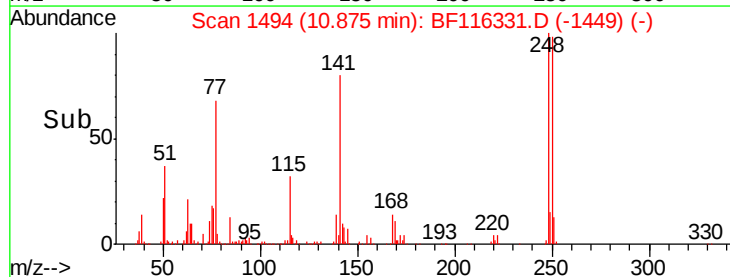
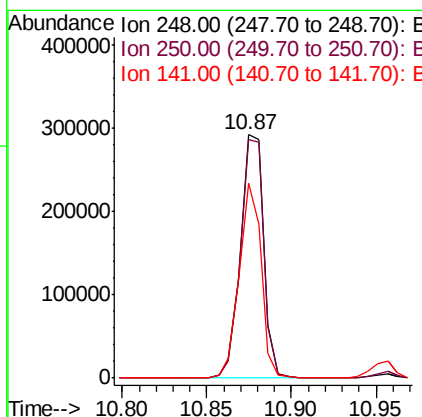
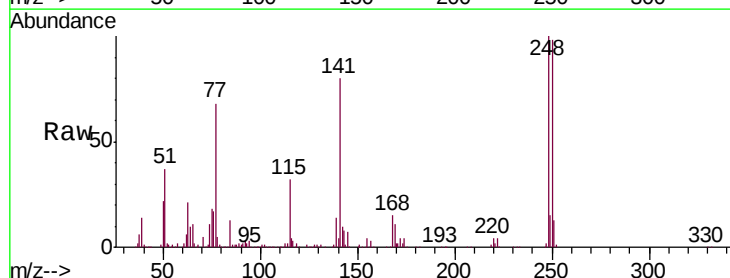
Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMPMSD

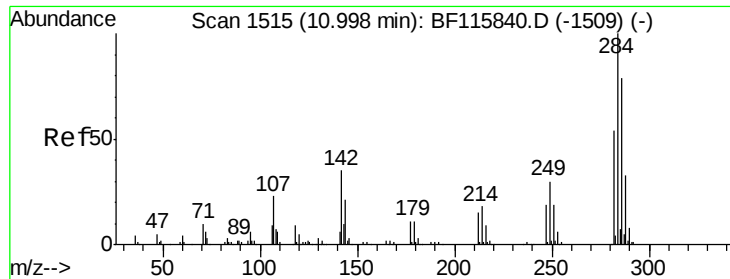
Tgt Ion:169 Resp: 783254
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.8 80.6
 167 37.0 29.6 44.4



#67
 4-Bromophenyl-phenylether
 Concen: 48.043 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.04 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

Tgt Ion:248 Resp: 280998
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.4 116.2
 141 80.2 56.8 85.2





#68

Hexachlorobenzene

Concen: 46.226 ng

RT: 10.96 min Scan# 1508

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMSD

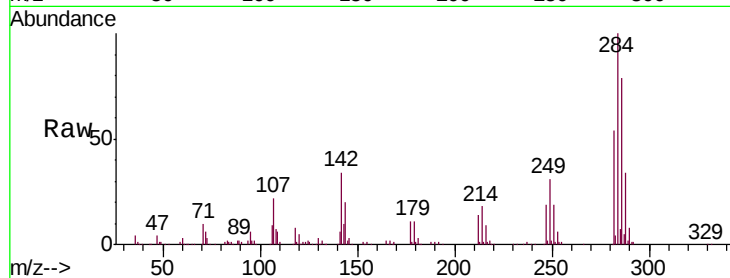
Tgt Ion:284 Resp: 312638

Ion Ratio Lower Upper

284 100

142 33.5 28.4 42.6

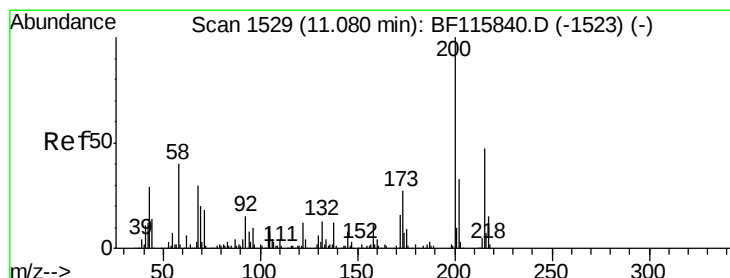
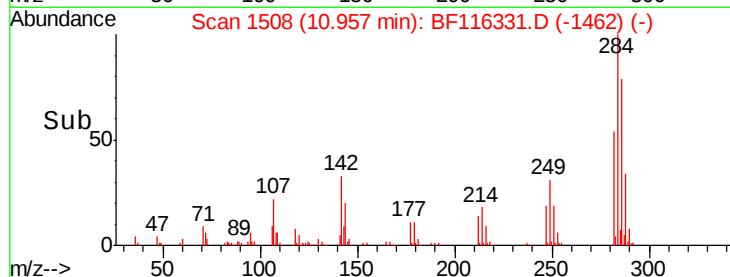
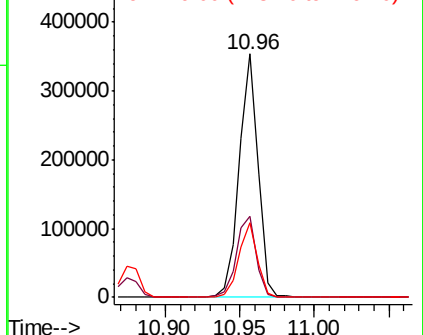
249 30.9 24.5 36.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 37.091 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

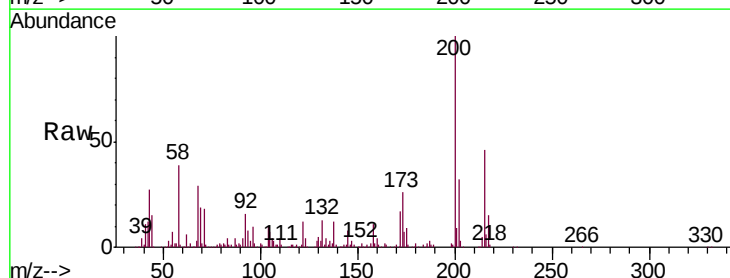
Tgt Ion:200 Resp: 200669

Ion Ratio Lower Upper

200 100

173 26.3 6.8 46.8

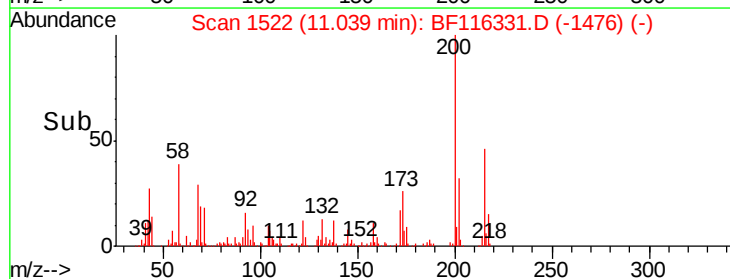
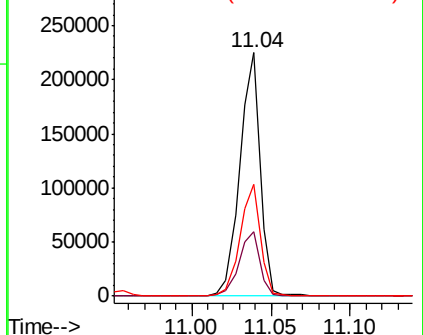
215 46.0 27.5 67.5

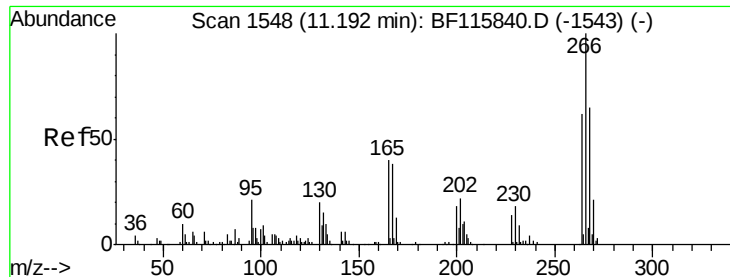


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

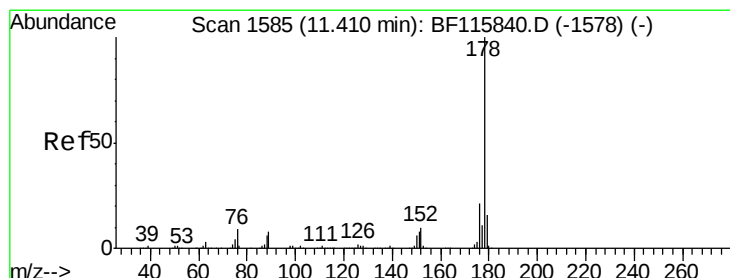
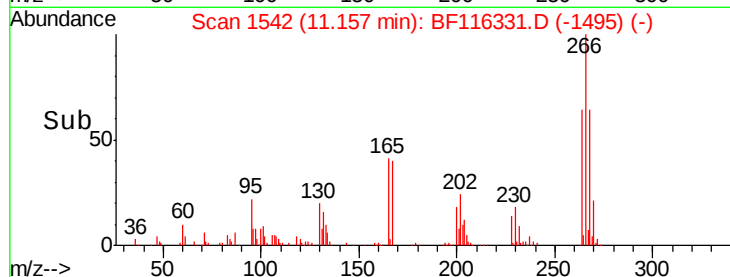
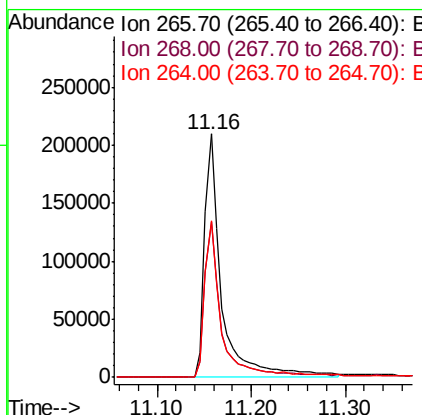
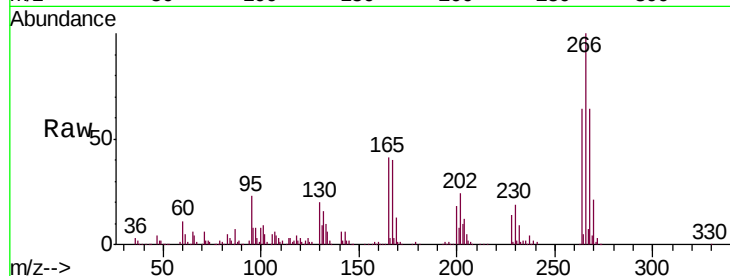




#70
 Pentachlorophenol
 Concen: 81.627 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.02 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

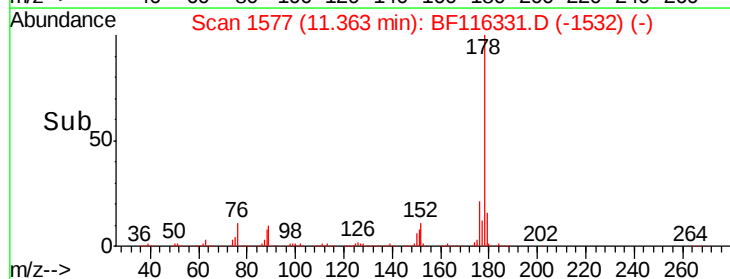
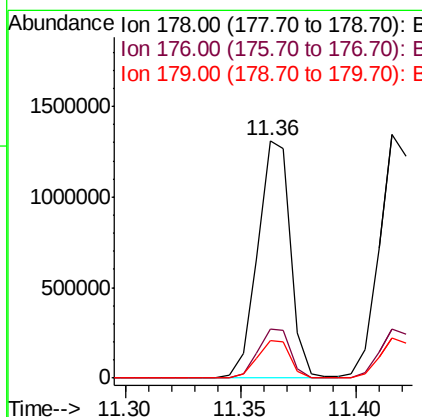
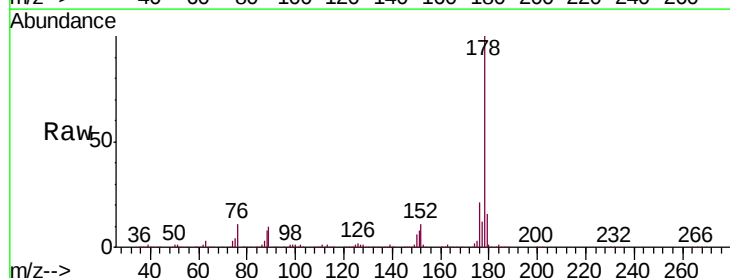
Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMPMSD

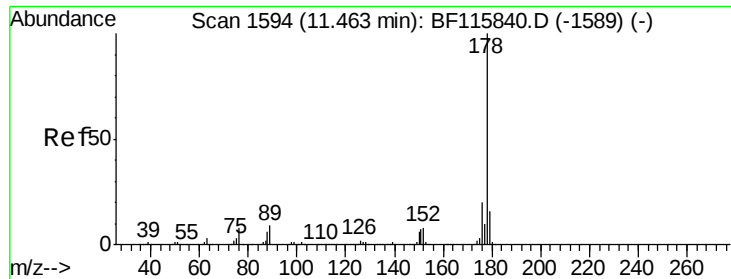
Tgt Ion:266 Resp: 268026
 Ion Ratio Lower Upper
 266 100
 268 63.8 48.8 73.2
 264 64.1 50.6 76.0



#71
 Phenanthrene
 Concen: 46.575 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.04 min
 Lab File: BF116331.D
 Acq: 16 Aug 2019 21:27

Tgt Ion:178 Resp: 1300917
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.6 24.8
 179 15.9 12.5 18.7





#72

Anthracene

Concen: 48.071 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMSD

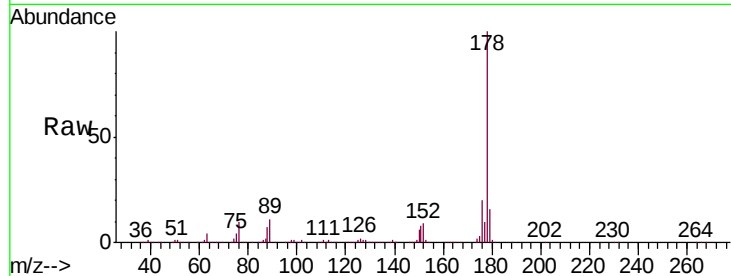
Tgt Ion:178 Resp: 1358861

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

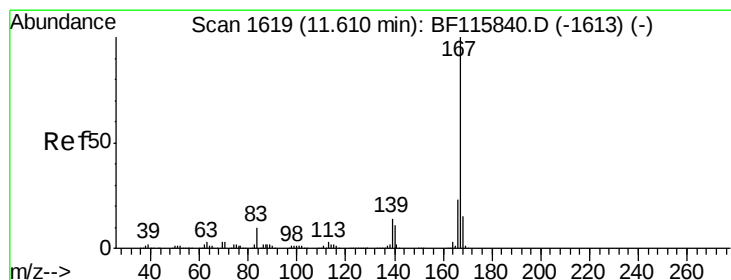
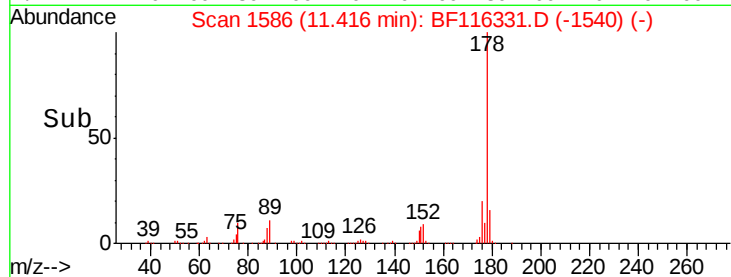
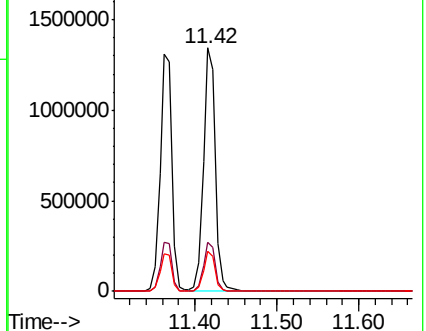
179 16.3 13.0 19.6



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: 46.104 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

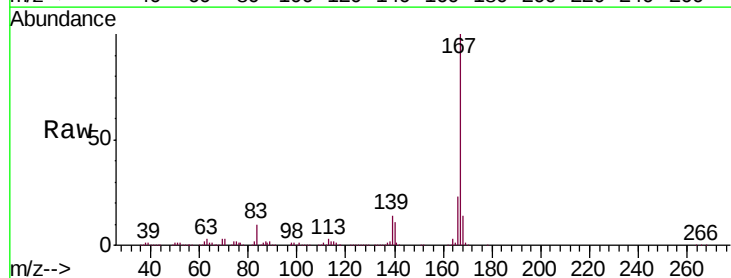
Tgt Ion:167 Resp: 1182367

Ion Ratio Lower Upper

167 100

166 22.6 17.8 26.6

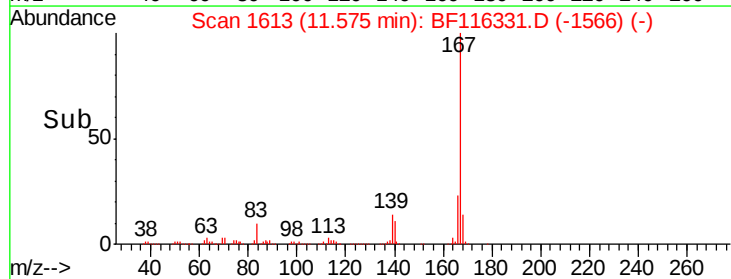
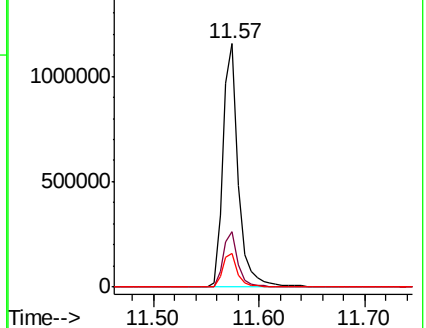
139 14.0 11.4 17.0

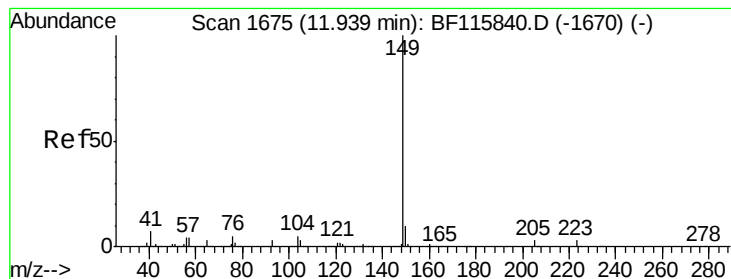


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 49.177 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMSD

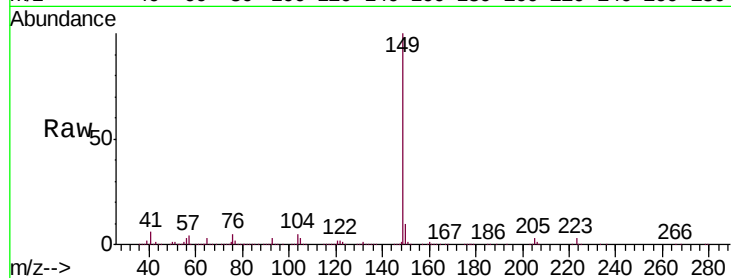
Tgt Ion:149 Resp: 1471246

Ion Ratio Lower Upper

149 100

150 9.7 8.0 12.0

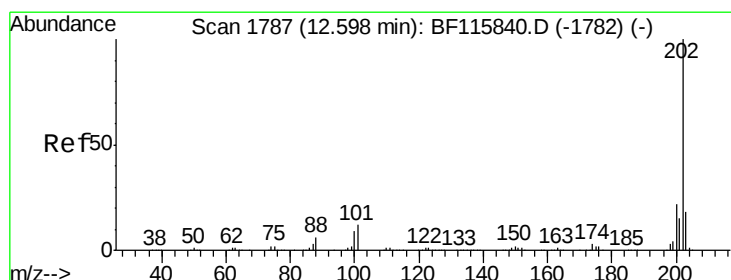
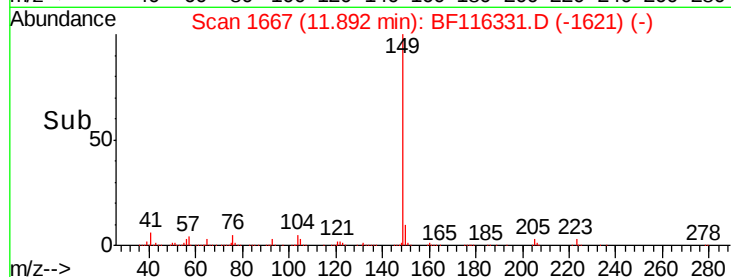
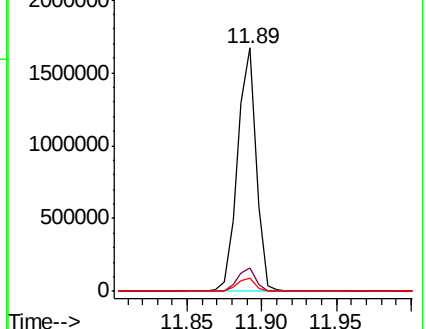
104 5.2 4.5 6.7



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: 46.337 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

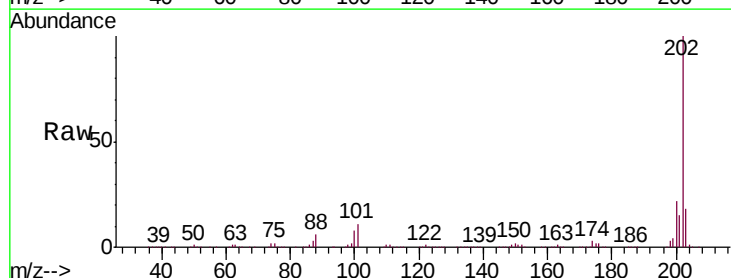
Tgt Ion:202 Resp: 1354963

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.2

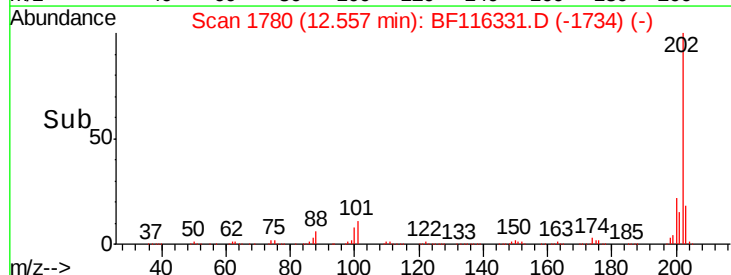
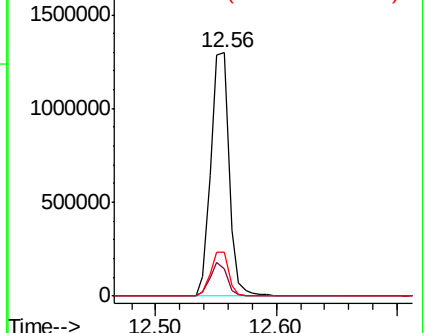
203 17.9 0.0 37.8

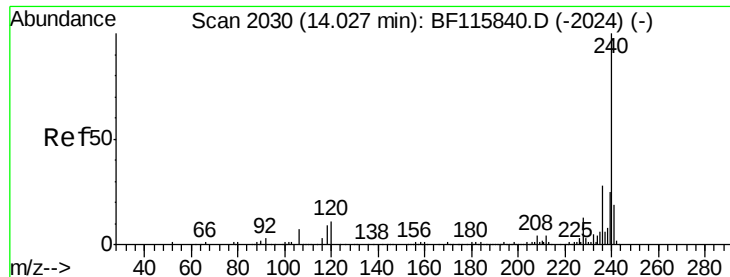


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

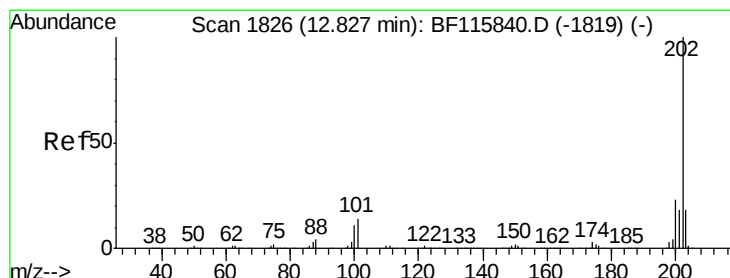
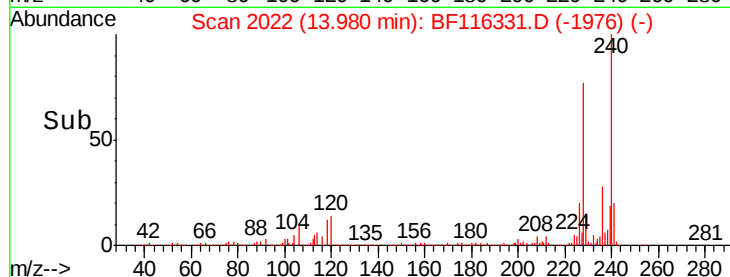
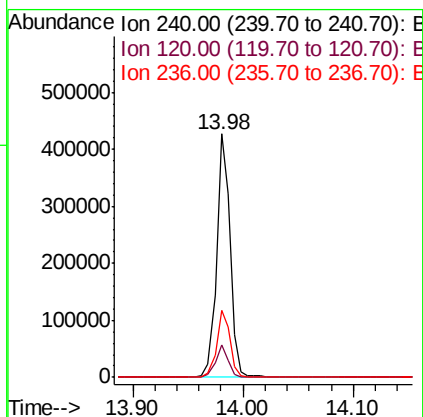
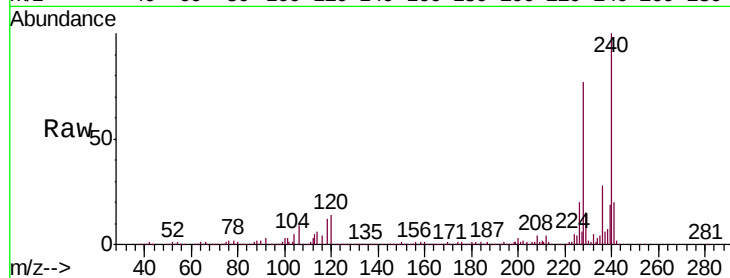




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

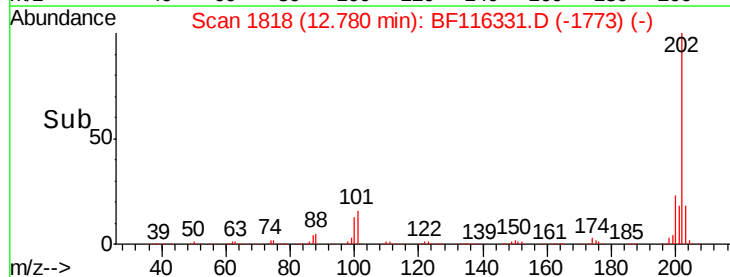
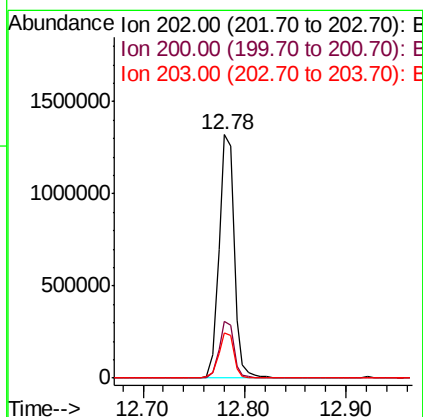
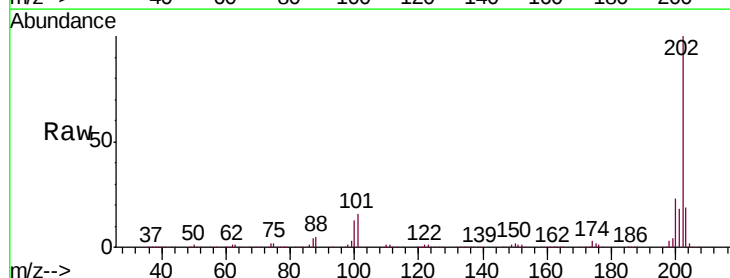
Instrument :
BNA_F
ClientSampleId :
1S-I(0-1)-COMPMSD

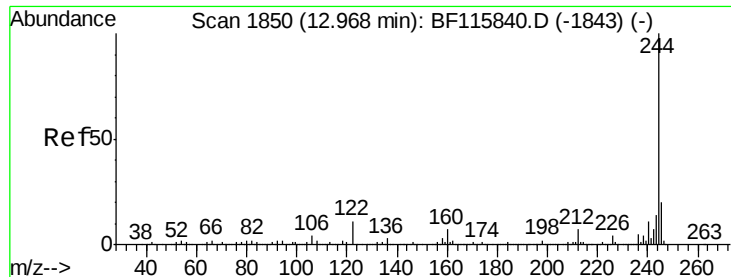
Tgt Ion:240 Resp: 359916
Ion Ratio Lower Upper
240 100
120 13.5 10.7 16.1
236 27.7 22.2 33.2



#78
Pyrene
Concen: 50.530 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.04 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Tgt Ion:202 Resp: 1370934
Ion Ratio Lower Upper
202 100
200 23.2 18.0 27.0
203 18.6 14.1 21.1





#79

Terphenyl-d14

Concen: 102.731 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Instrument :

BNA_F

ClientSampleId :

1S-I(0-1)-COMPMSD

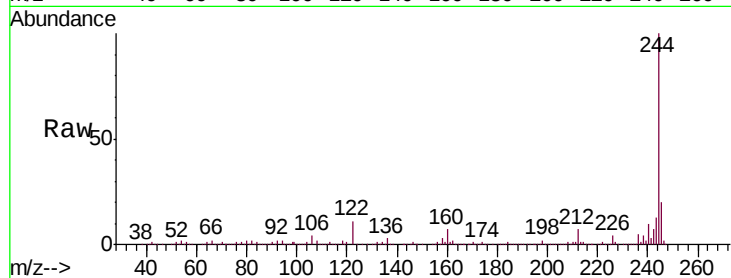
Tgt Ion:244 Resp: 1754699

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

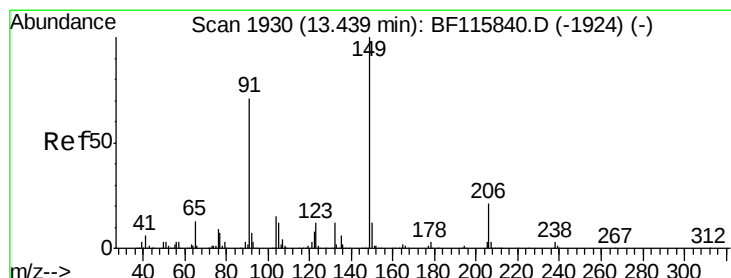
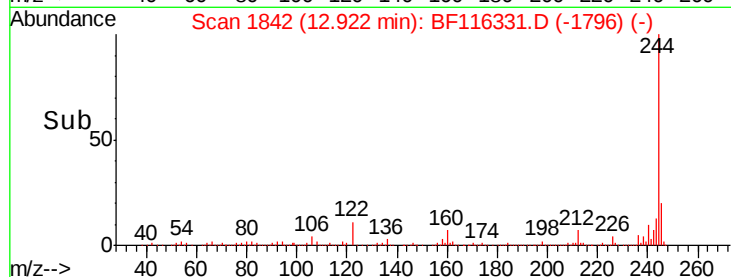
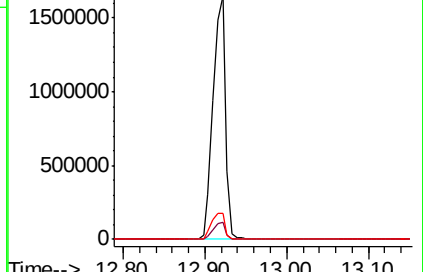
122 10.7 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 52.596 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.04 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

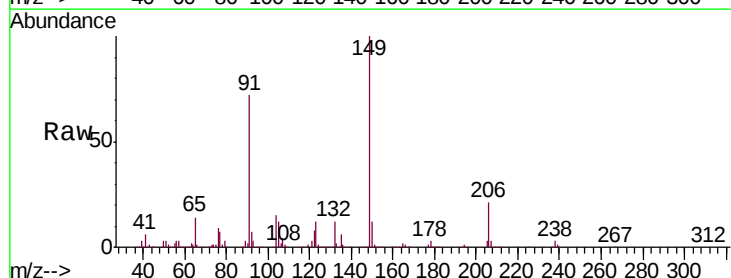
Tgt Ion:149 Resp: 603620

Ion Ratio Lower Upper

149 100

91 71.8 56.3 84.5

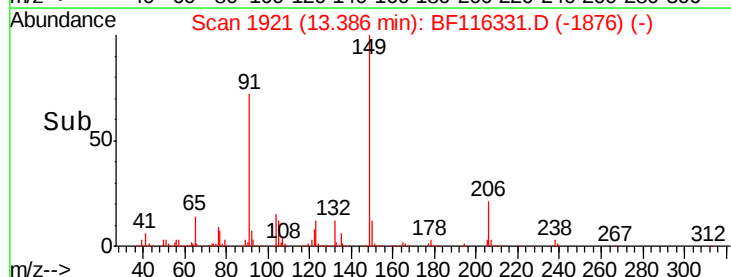
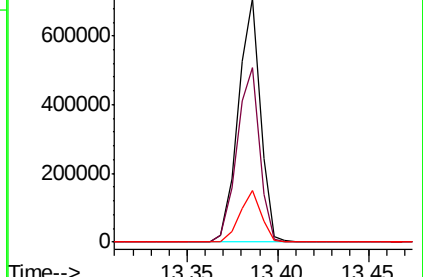
206 21.4 18.0 27.0

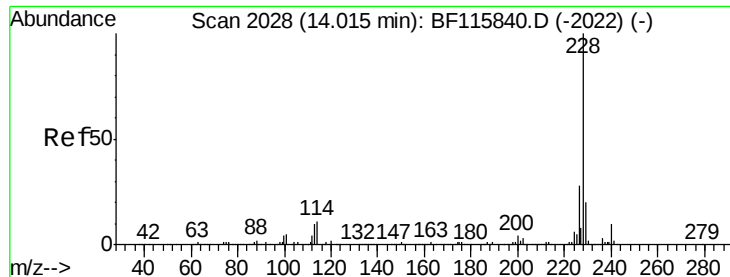


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.235 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Instrument :

BNA_F

ClientSampleId :

1S-I(0-1)-COMPMSD

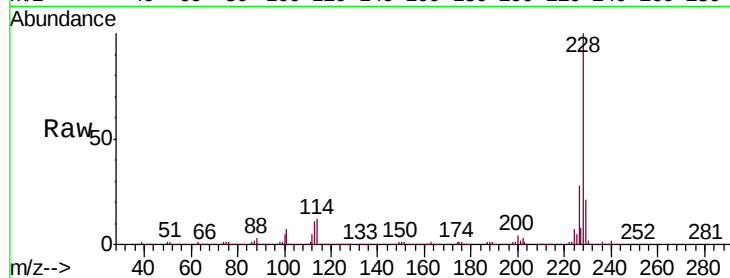
Tgt Ion:228 Resp: 1109618

Ion Ratio Lower Upper

228 100

226 28.4 22.7 34.1

229 20.7 16.2 24.4

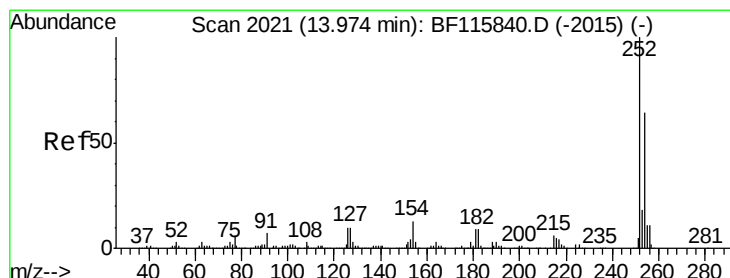
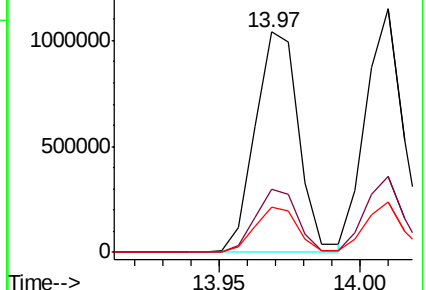
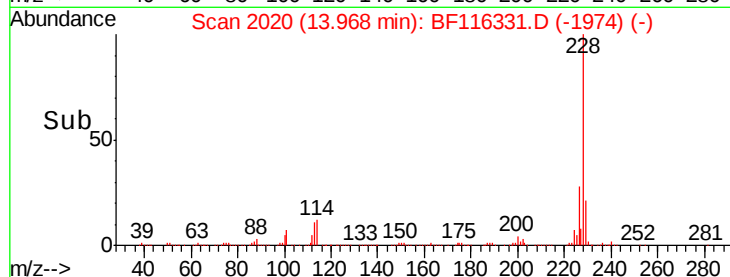


Abundance

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: 11.693 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

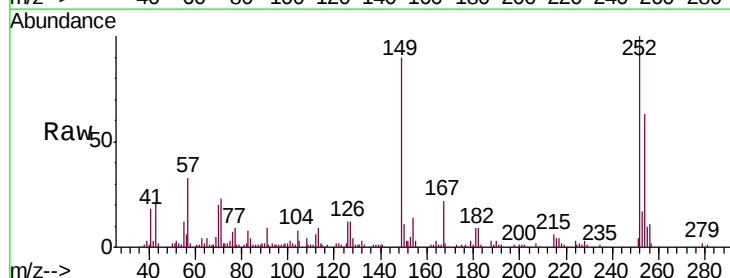
Tgt Ion:252 Resp: 93451

Ion Ratio Lower Upper

252 100

254 63.5 50.9 76.3

126 11.6 9.8 14.8

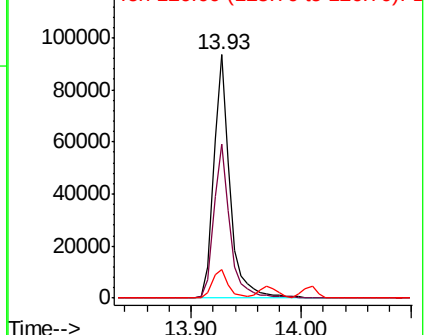
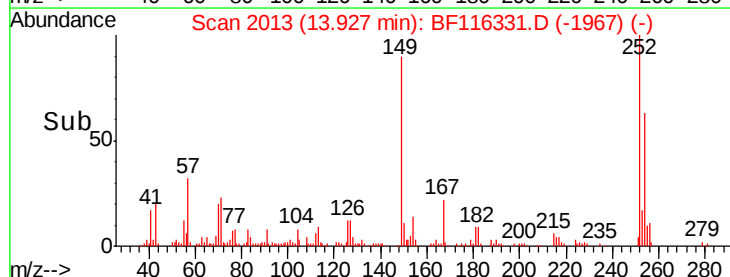


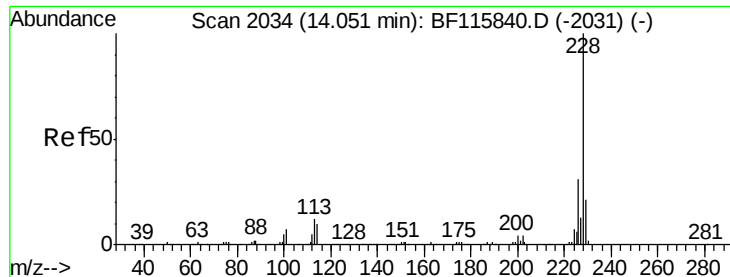
Abundance

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: 47.862 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.03 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMSD

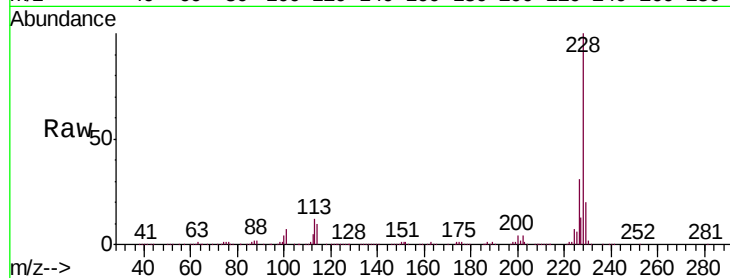
Tgt Ion:228 Resp: 1068945

Ion Ratio Lower Upper

228 100

226 31.4 25.5 38.3

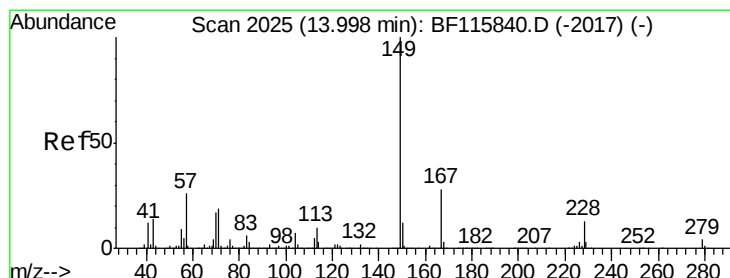
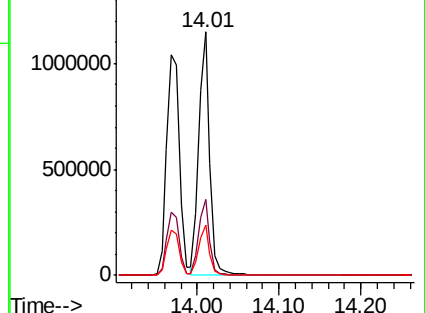
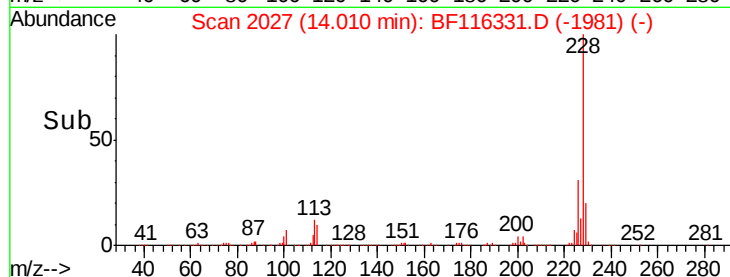
229 20.4 16.6 24.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.113 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.04 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

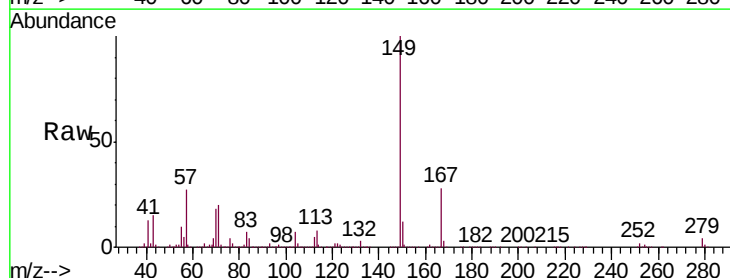
Tgt Ion:149 Resp: 821933

Ion Ratio Lower Upper

149 100

167 27.7 21.6 32.4

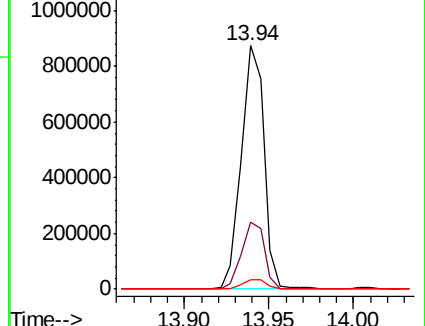
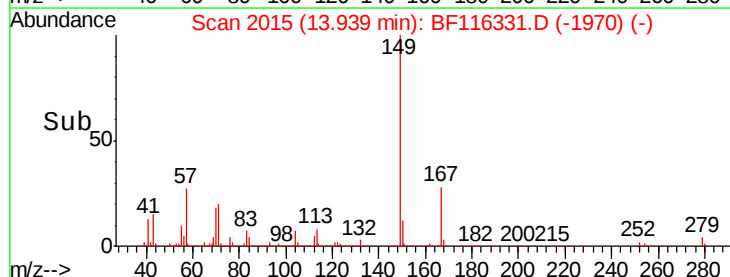
279 3.7 3.0 4.4

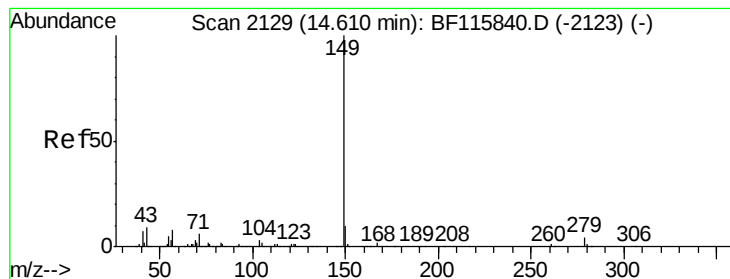


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 54.345 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.04 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Instrument :

BNA_F

ClientSampleId :

1S-I(0-1)-COMPMSD

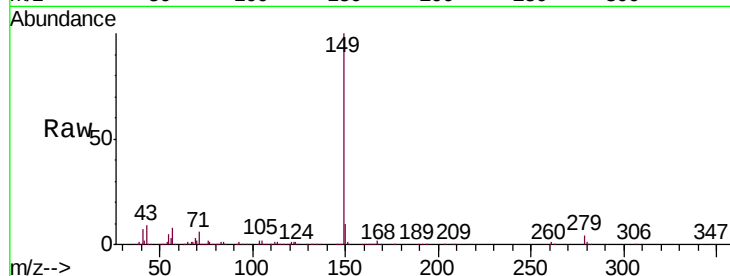
Tgt Ion:149 Resp: 1287344

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

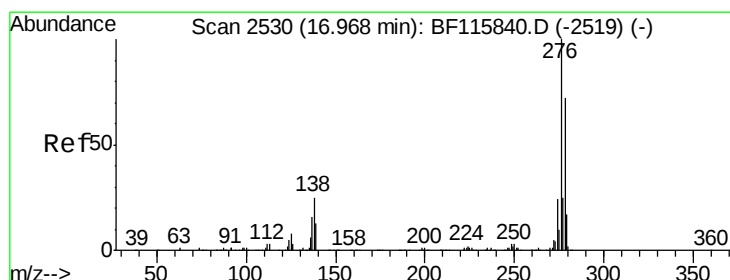
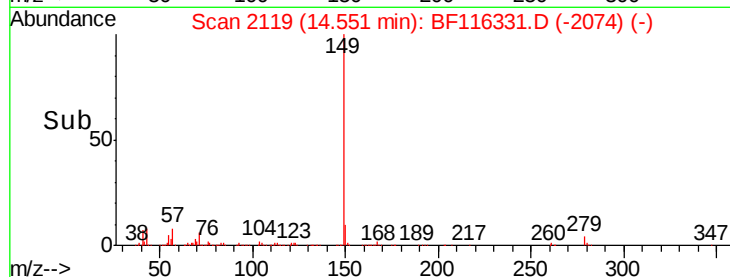
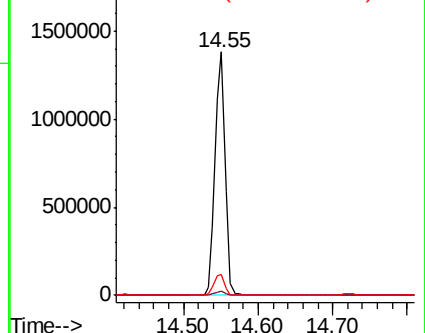
43 9.0 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.740 ng

RT: 16.91 min Scan# 2520

Delta R.T. -0.04 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

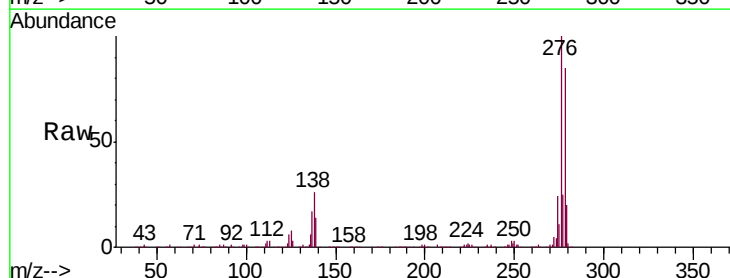
Tgt Ion:276 Resp: 970539

Ion Ratio Lower Upper

276 100

138 25.6 20.4 30.6

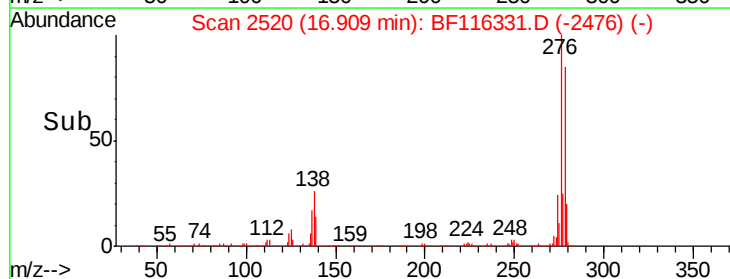
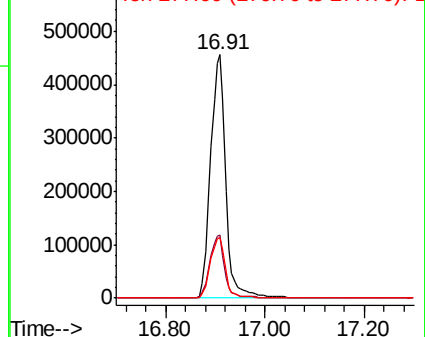
277 25.2 20.0 30.0

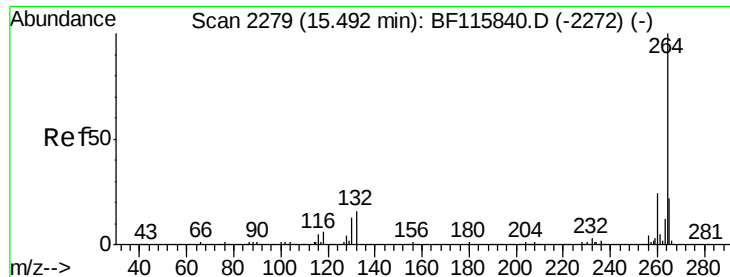


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



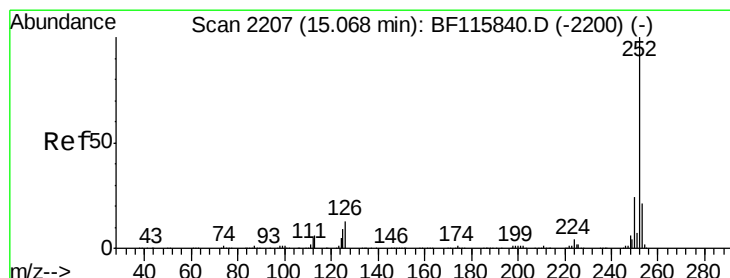
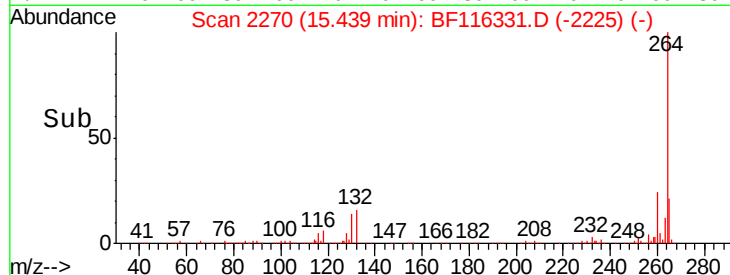
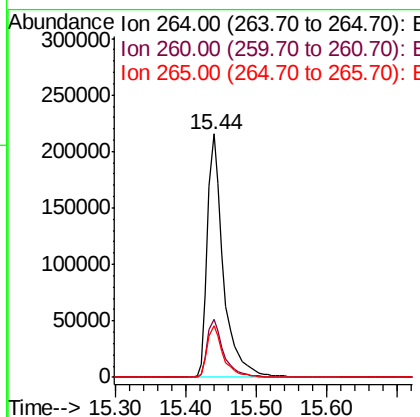
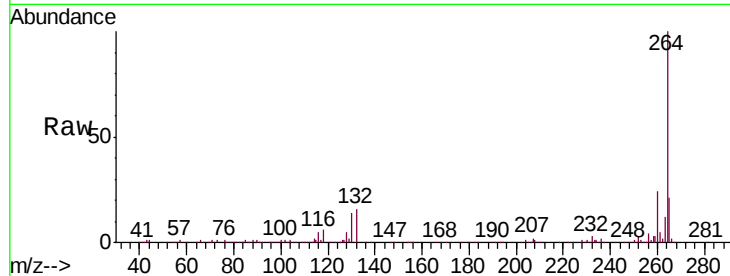


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Instrument :
BNA_F
ClientSampleId :
1S-I(0-1)-COMPMSD

Tgt Ion: 264 Resp: 339350

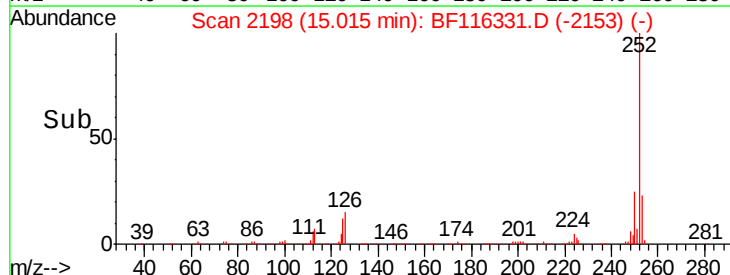
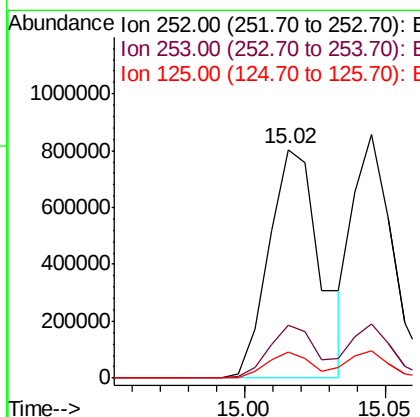
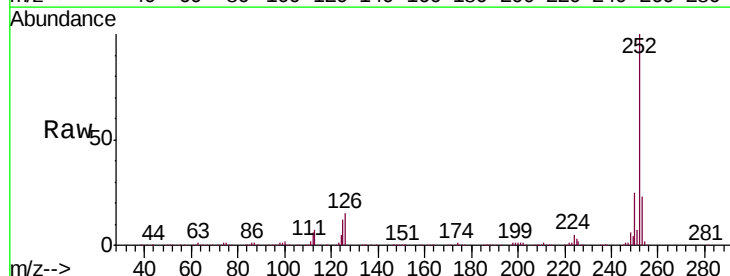
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	21.2	17.4	26.0

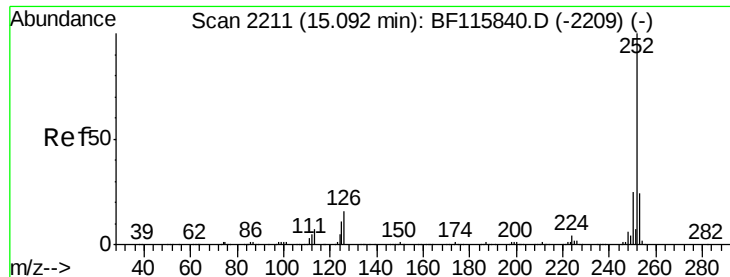


#88
Benzo(b)fluoranthene
Concen: 51.873 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.04 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Tgt Ion: 252 Resp: 1017842

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	11.6	8.4	12.6

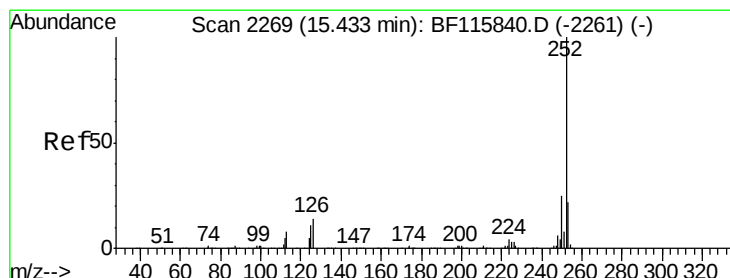
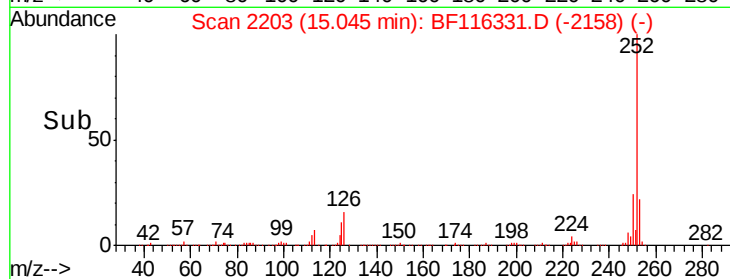
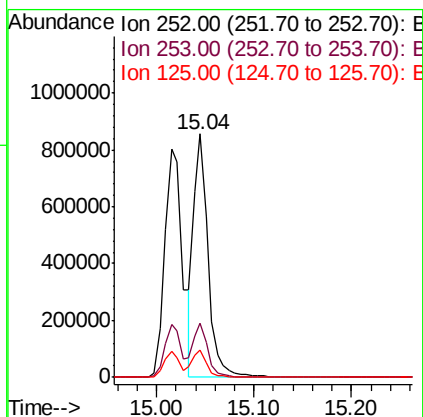
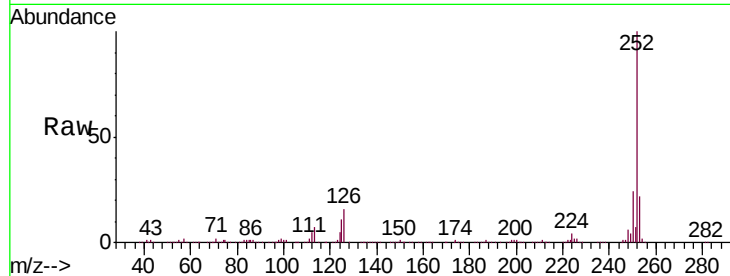




#89
Benzo(k)fluoranthene
Concen: 45.665 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

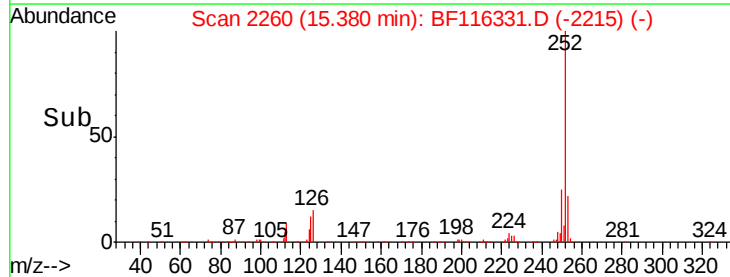
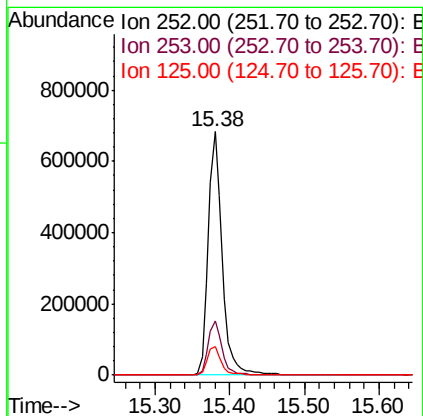
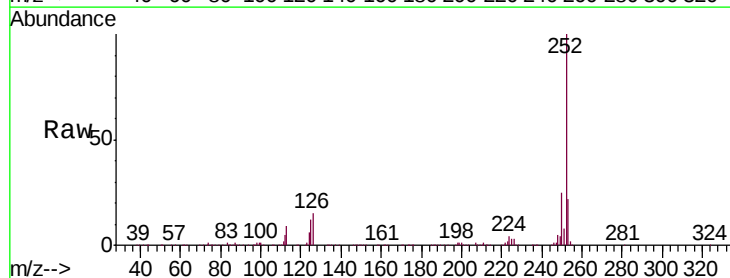
Instrument :
BNA_F
ClientSampleId :
1S-I(0-1)-COMPMSD

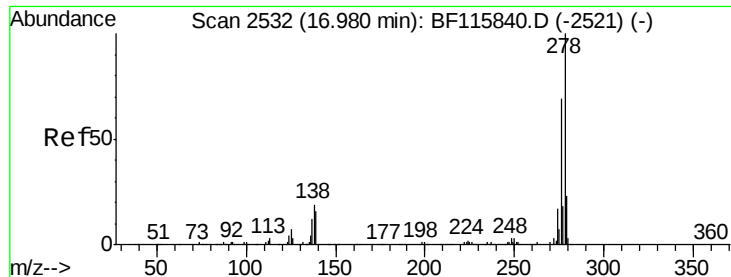
Tgt Ion:252 Resp: 872742
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.0 7.7 11.5



#90
Benzo(a)pyrene
Concen: 50.691 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.04 min
Lab File: BF116331.D
Acq: 16 Aug 2019 21:27

Tgt Ion:252 Resp: 889124
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 11.6 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 53.969 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.05 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMSD

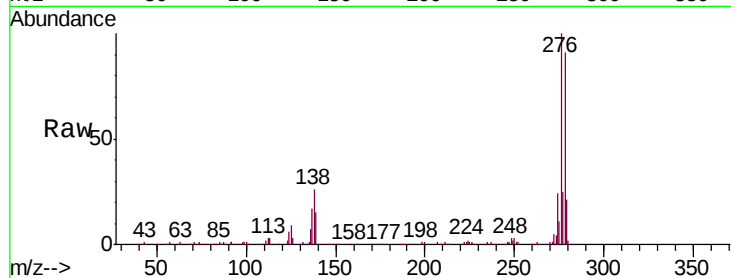
Tgt Ion:278 Resp: 819404

Ion Ratio Lower Upper

278 100

139 17.0 12.8 19.2

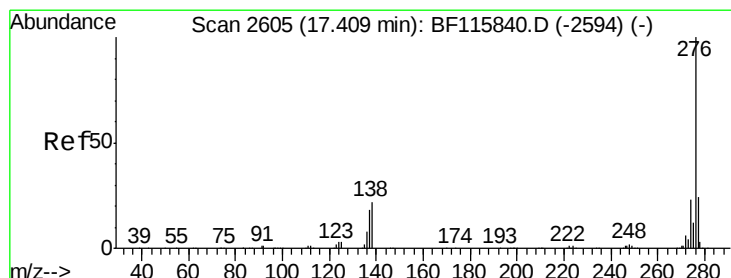
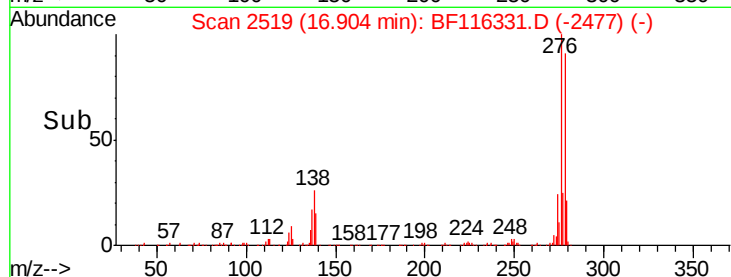
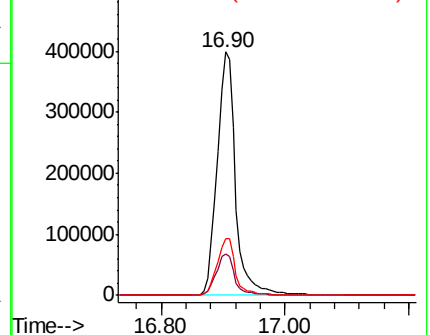
279 23.4 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 54.644 ng

RT: 17.34 min Scan# 2593

Delta R.T. -0.05 min

Lab File: BF116331.D

Acq: 16 Aug 2019 21:27

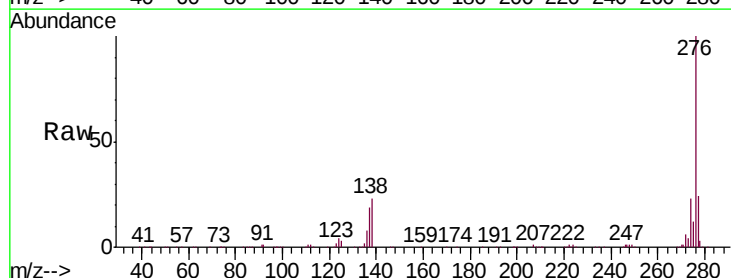
Tgt Ion:276 Resp: 814796

Ion Ratio Lower Upper

276 100

277 23.9 18.4 27.6

138 22.9 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

