

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116330.D
 Acq On : 16 Aug 2019 21:00
 Operator : HP/JU
 Sample : K4227-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 17 03:10:16 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	154731	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	604614	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	317445	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	529127	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	357682	20.00	ng	-0.03
87) Perylene-d12	15.44	264	332839	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1077184	116.54	ng	0.00
7) Phenol-d6	6.47	99	1289619	110.59	ng	-0.02
23) Nitrobenzene-d5	7.39	82	975936	93.17	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	406422	132.05	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1610700	95.04	ng	-0.03
79) Terphenyl-d14	12.92	244	1704109	100.39	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	159105	34.074	ng	# 85
3) Pyridine	3.50	79	274470	21.042	ng	99
4) n-Nitrosodimethylamine	3.42	42	191174	37.139	ng	97
6) Aniline	6.50	93	164944	9.877	ng	# 78
8) 2-Chlorophenol	6.62	128	441587	43.205	ng	100
9) Benzaldehyde	6.38	77	147593	18.343	ng	95
10) Phenol	6.48	94	483551	35.212	ng	80
11) bis(2-Chloroethyl)ether	6.56	93	450686	44.639	ng	97
12) 1,3-Dichlorobenzene	6.76	146	480606	40.688	ng	98
13) 1,4-Dichlorobenzene	6.83	146	493691	41.743	ng	100
14) 1,2-Dichlorobenzene	6.99	146	448311	41.166	ng	99
15) Benzyl Alcohol	6.97	79	358943	40.559	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	568758	41.300	ng	70
17) 2-Methylphenol	7.09	107	369296	42.672	ng	# 92
18) Hexachloroethane	7.33	117	182132	41.827	ng	94
19) n-Nitroso-di-n-propylamine	7.24	70	318862	44.125	ng	99
20) 3+4-Methylphenols	7.24	107	463776	45.284	ng	99
22) Acetophenone	7.23	105	629859	47.501	ng	96
24) Nitrobenzene	7.40	77	514547	45.495	ng	100
25) Isophorone	7.65	82	941458	47.006	ng	99
26) 2-Nitrophenol	7.72	139	252310	47.326	ng	96
27) 2,4-Dimethylphenol	7.76	122	411999	51.366	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	583158	46.976	ng	99
29) 2,4-Dichlorophenol	7.97	162	405050	47.828	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	428273	44.363	ng	99
31) Naphthalene	8.12	128	1328592	46.696	ng	100
32) Benzoic acid	7.93	122	183343	32.422	ng	96
33) 4-Chloroaniline	8.19	127	97220	7.648	ng	97
34) Hexachlorobutadiene	8.23	225	240585	43.267	ng	99
35) Caprolactam	8.57	113	89866	32.809	ng	# 86
36) 4-Chloro-3-methylphenol	8.67	107	417351	47.370	ng	97
37) 2-Methylnaphthalene	8.81	142	869807	46.419	ng	100
38) 1-Methylnaphthalene	8.91	142	824374	46.504	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	402355	47.411	ng	99

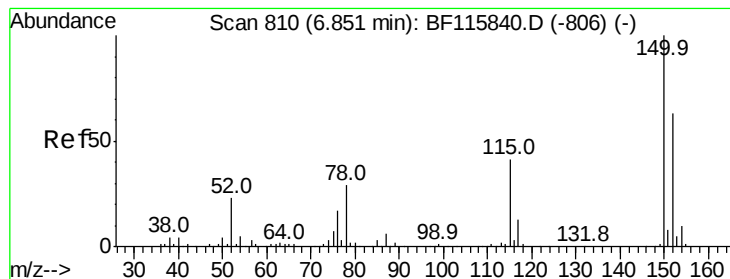
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	209224	56.773	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	260597	44.612	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	269724	44.669	nq	98
46) 1,1'-Biphenyl	9.27	154	1075178	47.974	nq	98
47) 2-Chloronaphthalene	9.30	162	848827	45.506	nq	98
48) 2-Nitroaniline	9.40	65	270205	43.825	nq	94
49) Acenaphthylene	9.72	152	1235360	45.396	nq	99
50) Dimethylphthalate	9.57	163	1005130	46.503	nq	100
51) 2,6-Dinitrotoluene	9.65	165	221906	47.242	nq	92
52) Acenaphthene	9.89	154	767659	45.982	nq	98
53) 3-Nitroaniline	9.82	138	99803	17.196	nq	97
54) 2,4-Dinitrophenol	9.94	184	146712	63.225	nq	99
55) Dibenzofuran	10.06	168	1056222	43.504	nq	97
56) 4-Nitrophenol	10.00	139	248865	66.935	nq	96
57) 2,4-Dinitrotoluene	10.06	165	260852	41.710	nq	# 88
58) Fluorene	10.40	166	882139	47.226	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	252760	49.755	nq	97
60) Diethylphthalate	10.27	149	939793	46.571	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	447672	47.322	nq	97
62) 4-Nitroaniline	10.44	138	212699	35.461	nq	99
63) Azobenzene	10.55	77	981711	47.297	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	117522	41.912	nq	96
66) n-Nitrosodiphenylamine	10.51	169	799417	50.195	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	276245	48.770	nq	97
68) Hexachlorobenzene	10.96	284	306616	46.813	nq	99
69) Atrazine	11.04	200	252076	48.112	nq	99
70) Pentachlorophenol	11.16	266	247116	77.711	nq	97
71) Phenanthrene	11.37	178	1277418	47.224	nq	100
72) Anthracene	11.42	178	1321531	48.273	nq	99
73) Carbazole	11.57	167	1192260	48.004	nq	99
74) Di-n-butylphthalate	11.89	149	1435691	49.552	nq	99
75) Fluoranthene	12.56	202	1306553	46.137	nq	99
78) Pyrene	12.78	202	1338726	49.651	nq	99
80) Butylbenzylphthalate	13.39	149	587384	51.501	nq	98
81) Benzo(a)anthracene	13.97	228	1079079	47.200	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	150605	18.962	nq	100
83) Chrysene	14.01	228	1043830	47.030	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	794386	53.598	nq	99
85) Di-n-octyl phthalate	14.55	149	1227640	52.148	nq	99
86) Indeno(1,2,3-cd)pyrene	16.91	276	944471	50.665	nq	99
88) Benzo(b)fluoranthene	15.02	252	888803	46.183	nq	99
89) Benzo(k)fluoranthene	15.04	252	946433	50.490	nq	99
90) Benzo(a)pyrene	15.38	252	877173	50.987	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	797233	53.536	nq	99
92) Benzo(g,h,i)perylene	17.34	276	798531	54.600	nq	99

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

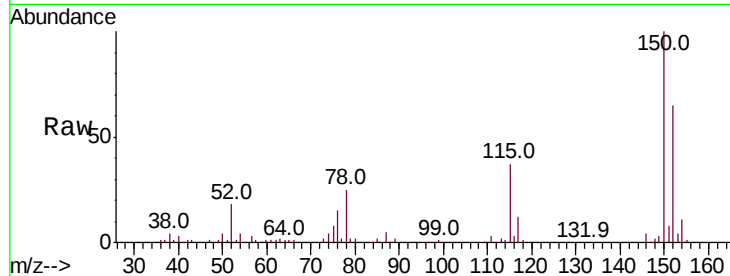


#1

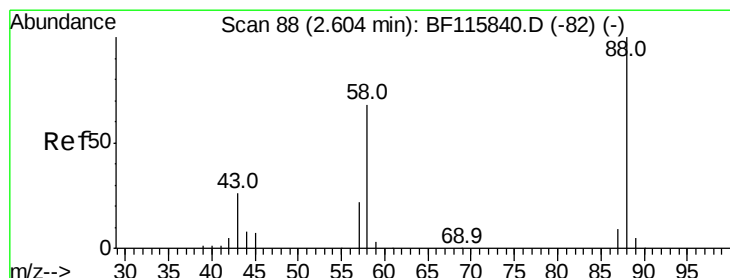
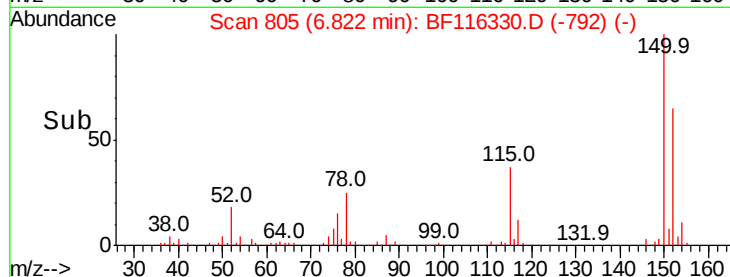
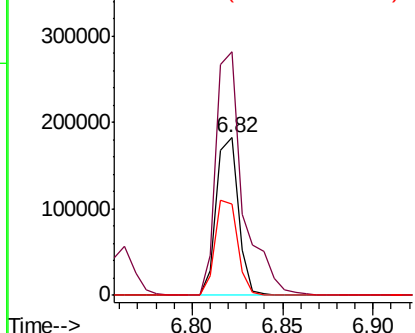
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

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

Tot Ion:152 Resp: 154731
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 57.8 49.9 74.9



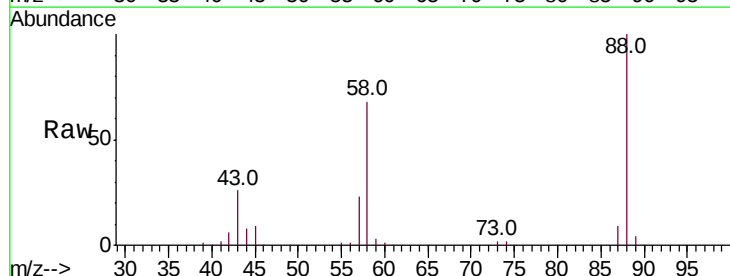
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



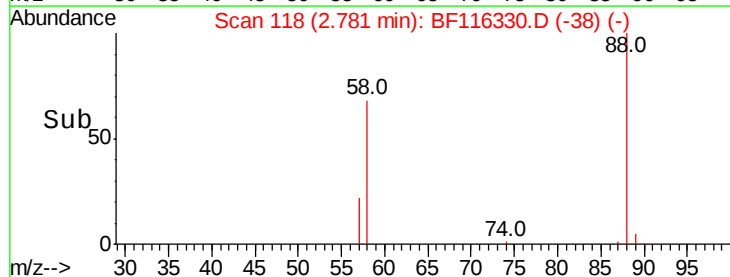
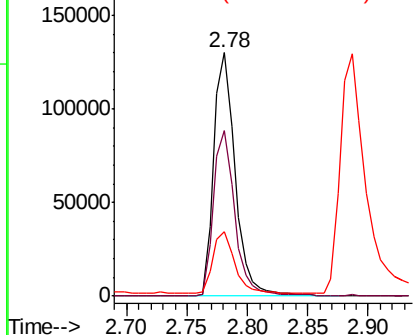
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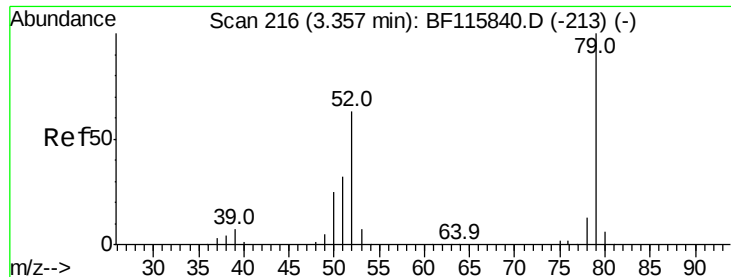
1,4-Dioxane
Concen: 34.074 ng
RT: 2.78 min Scan# 118
Delta R.T. 0.17 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

Tgt Ion: 88 Resp: 159105
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

Pvridine

Concen: 21.042 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.14 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

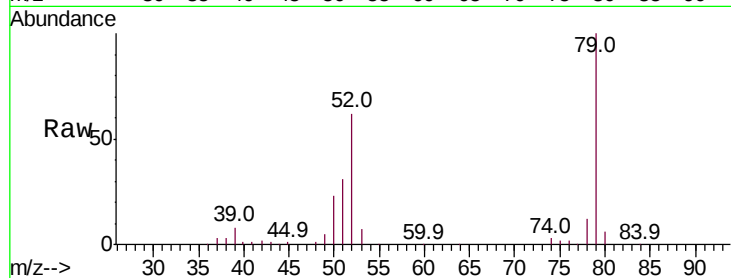
Tot Ion: 79 Resp: 274470

Ion Ratio Lower Upper

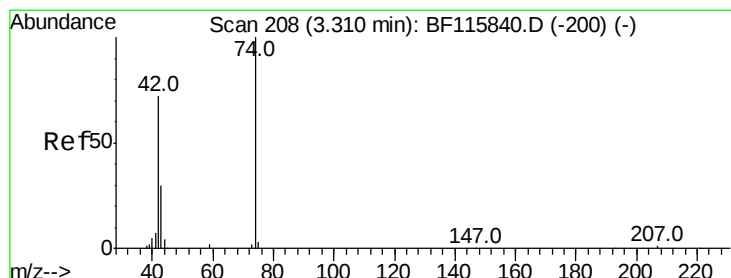
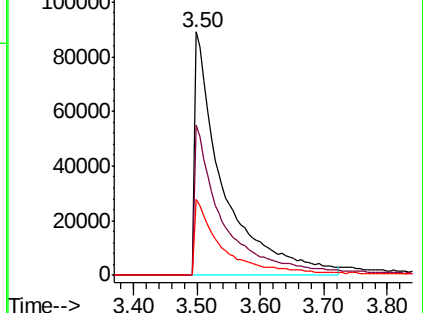
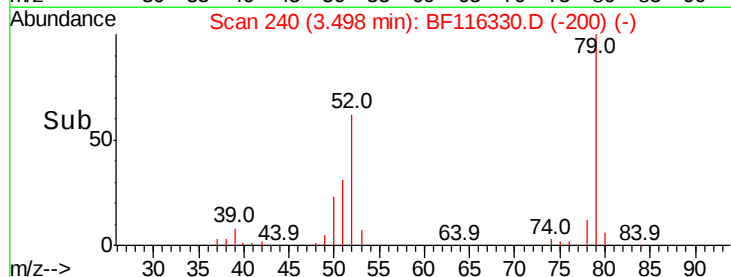
79 100

52 61.6 49.8 74.8

51 31.3 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
120000
Ion 52.00 (51.70 to 52.70): BF1
100000
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.139 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.09 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

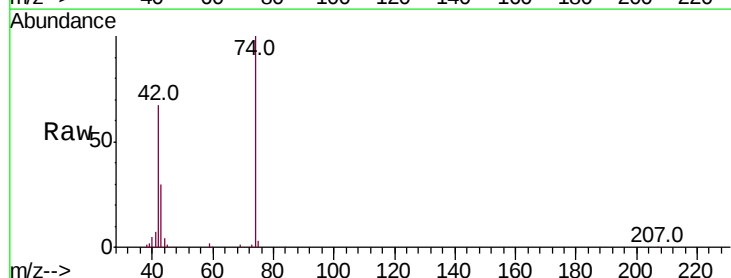
Tgt Ion: 42 Resp: 191174

Ion Ratio Lower Upper

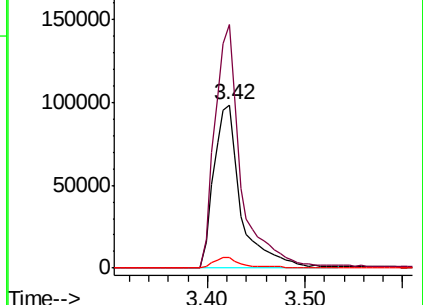
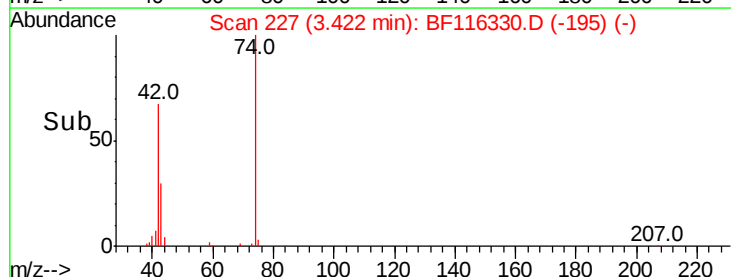
42 100

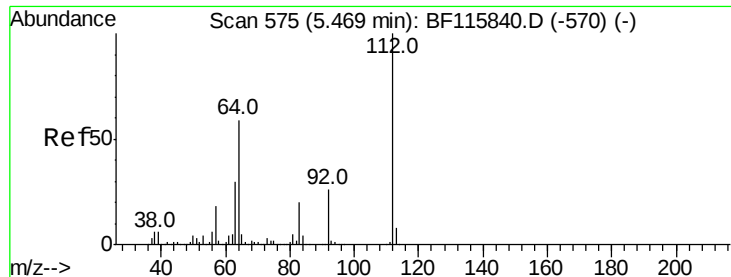
74 149.3 116.0 174.0

44 6.3 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
200000
Ion 74.00 (73.70 to 74.70): BF1
150000
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.542 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

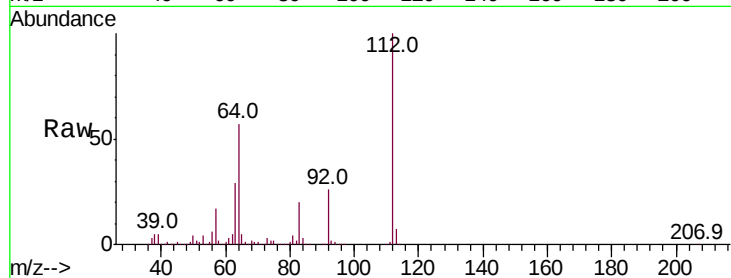
Tot Ion:112 Resp: 1077184

Ion Ratio Lower Upper

112 100

64 56.9 45.4 68.2

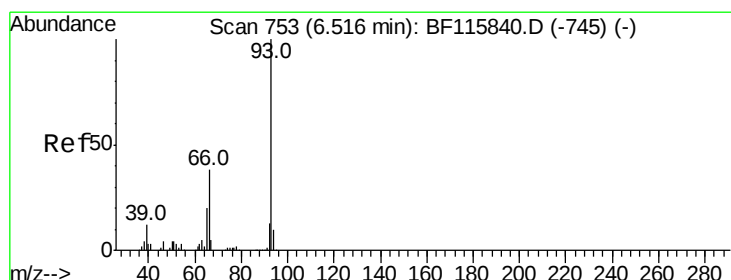
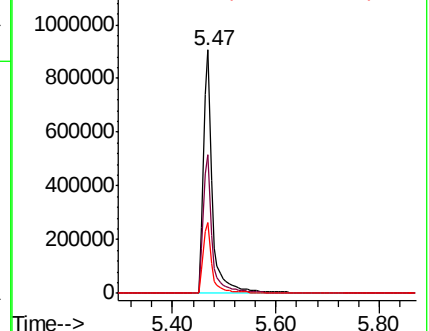
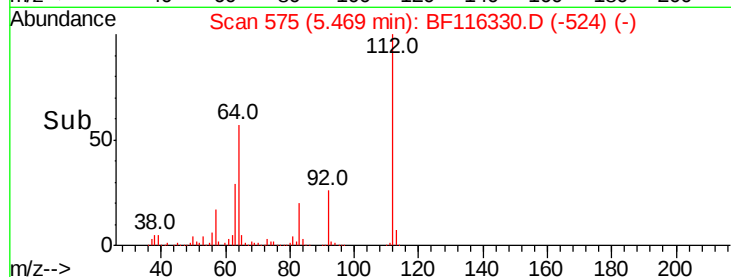
63 29.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.877 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

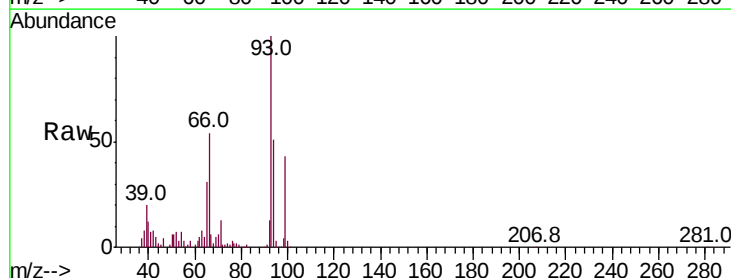
Tgt Ion: 93 Resp: 164944

Ion Ratio Lower Upper

93 100

66 54.1 32.2 48.4#

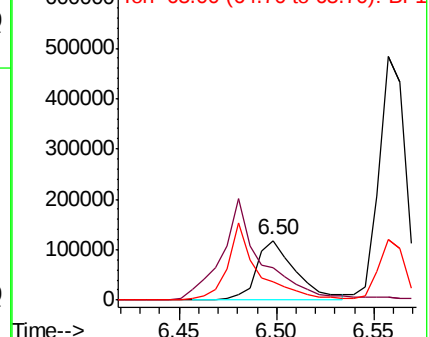
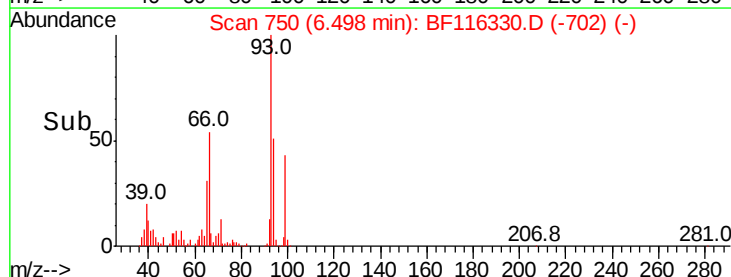
65 31.3 17.0 25.6#

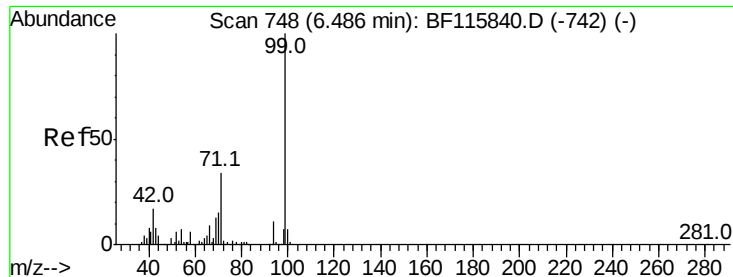


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.588 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

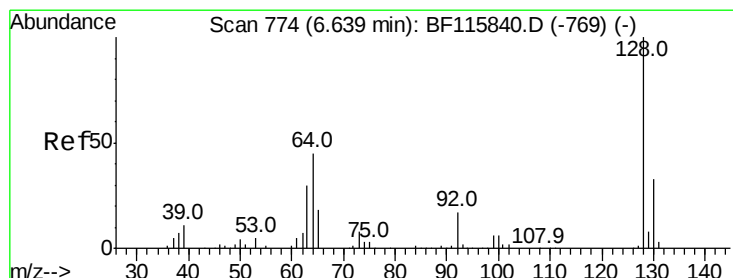
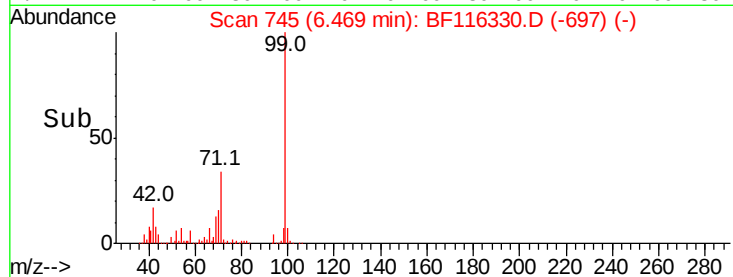
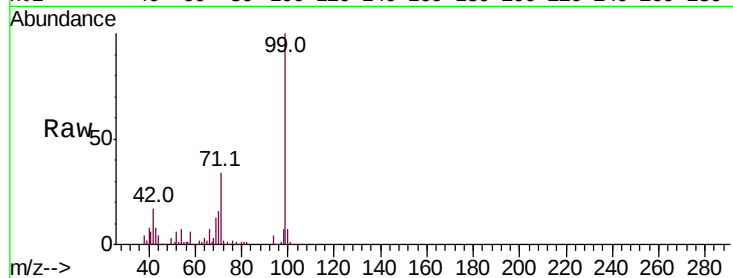
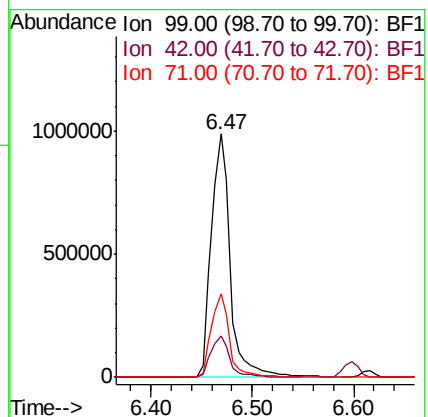
BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

Tot Ion: 99 Resp: 1289619

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.8
71	34.4	27.3	40.9



#8

2-Chlorophenol

Concen: 43.205 ng

RT: 6.62 min Scan# 770

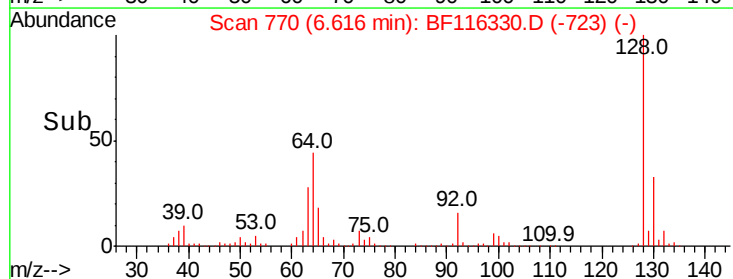
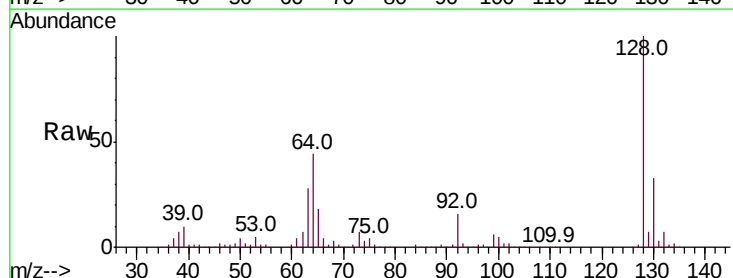
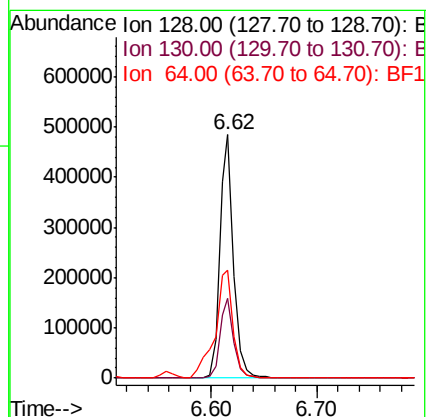
Delta R.T. -0.02 min

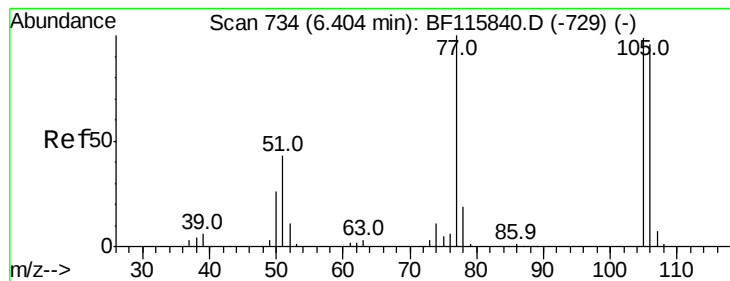
Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Tgt Ion: 128 Resp: 441587

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	44.2	24.3	64.3





#9

Benzaldehyde

Concen: 18.343 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

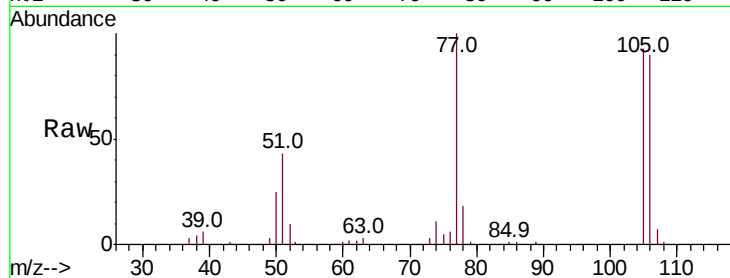
Tot Ion: 77 Resp: 147593

Ion Ratio Lower Upper

77 100

105 92.9 79.2 119.2

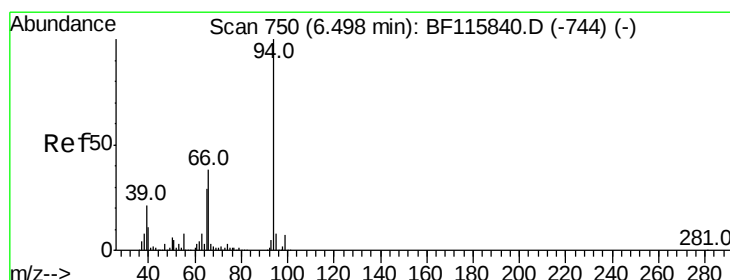
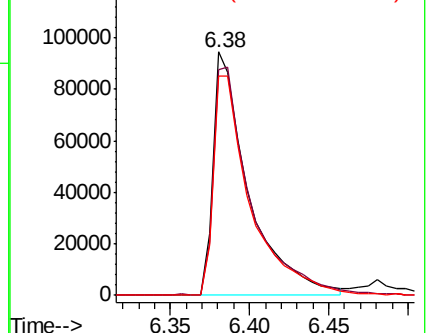
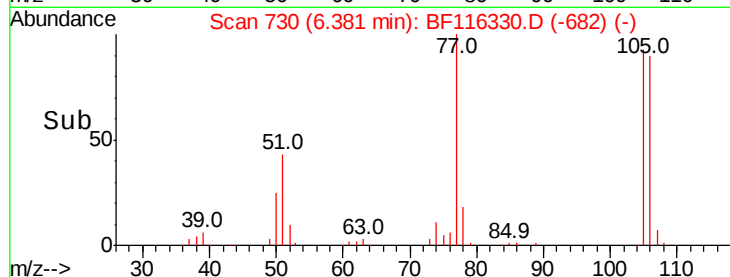
106 90.3 74.3 114.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.212 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

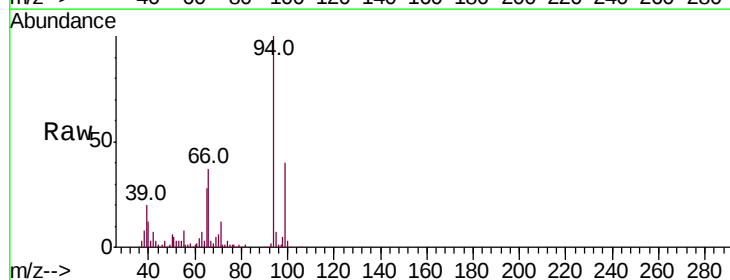
Tgt Ion: 94 Resp: 483551

Ion Ratio Lower Upper

94 100

65 27.9 16.8 56.8

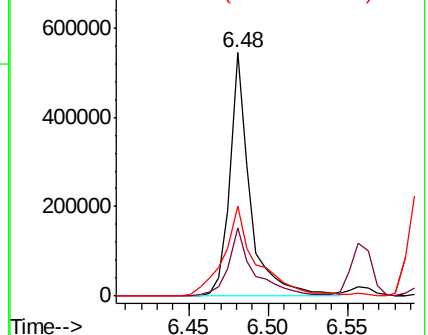
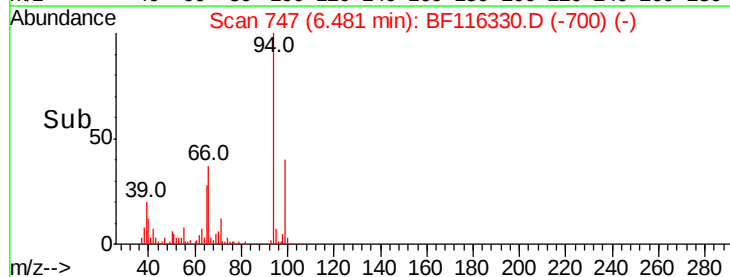
66 37.0 34.2 74.2

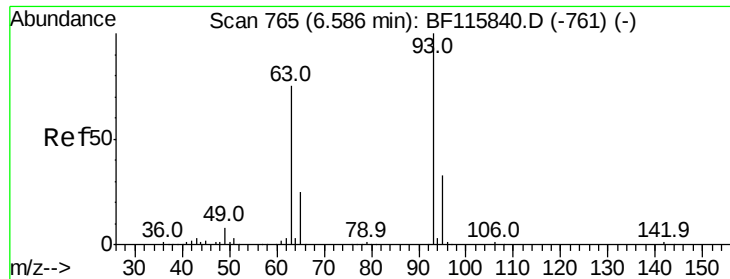


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

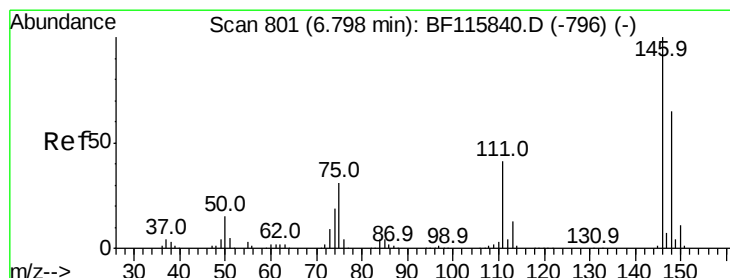
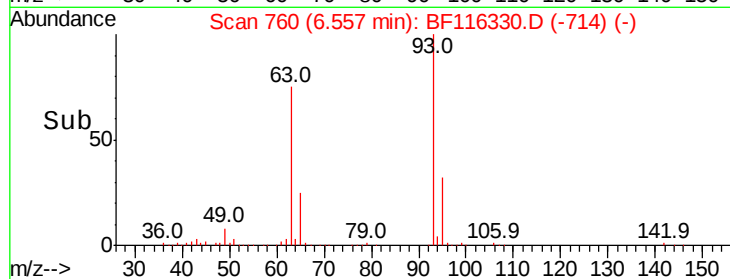
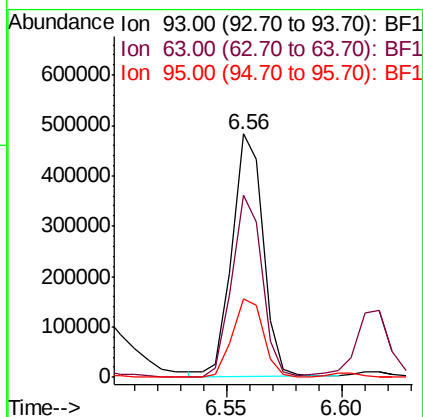
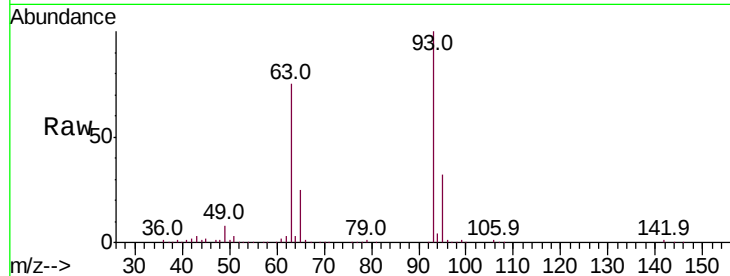




#11
 bis(2-Chloroethyl)ether
 Concen: 44.639 ng
 RT: 6.56 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

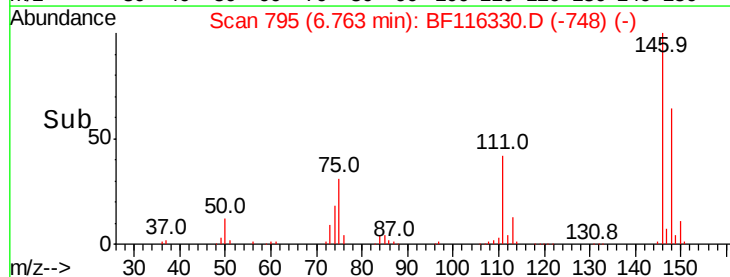
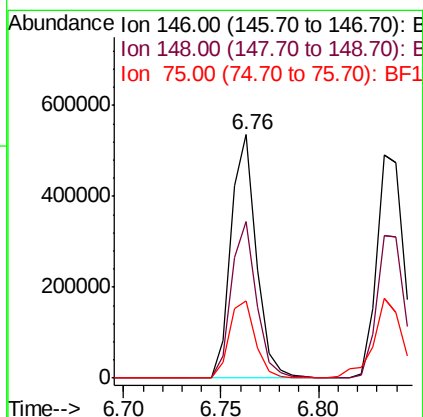
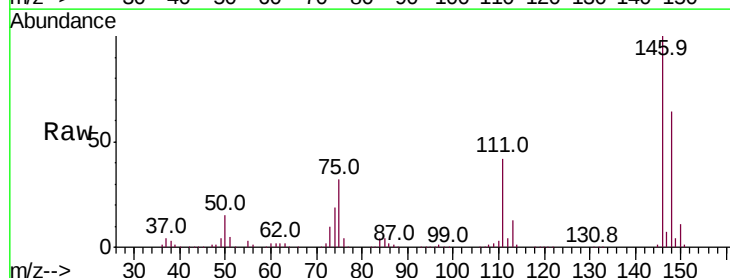
Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMPMS

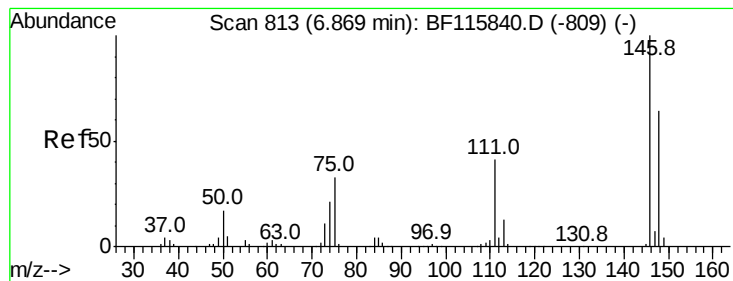
Tot Ion: 93 Resp: 450686
 Ion Ratio Lower Upper
 93 100
 63 74.6 51.9 91.9
 95 32.4 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 40.688 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

Tgt Ion: 146 Resp: 480606
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.3 76.9
 75 31.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 41.743 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.03 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

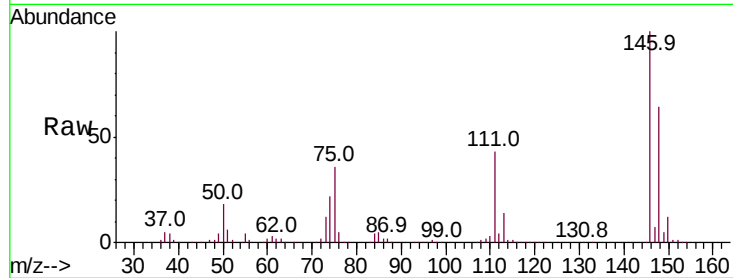
Tot Ion:146 Resp: 493691

Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

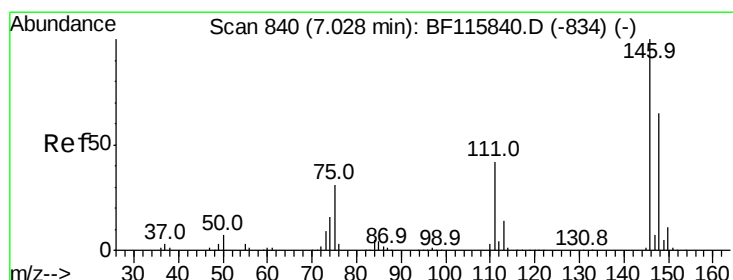
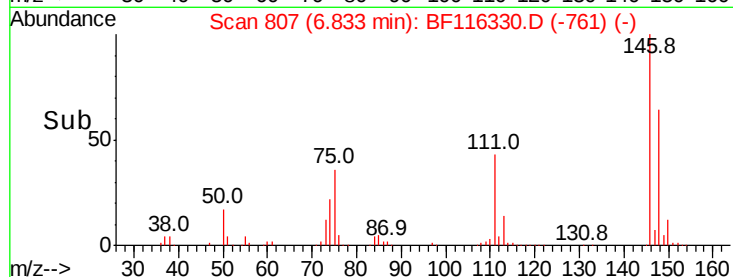
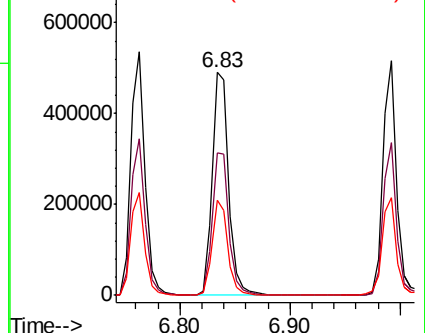
111 42.8 34.0 51.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.166 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.03 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

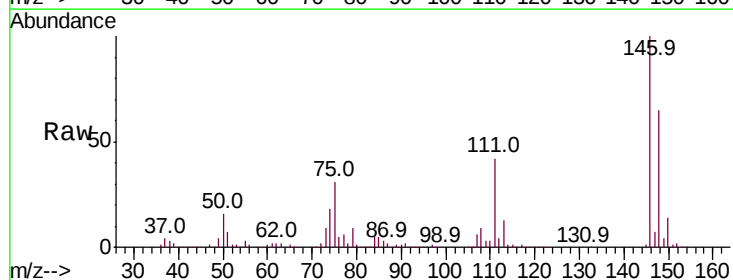
Tgt Ion:146 Resp: 448311

Ion Ratio Lower Upper

146 100

148 65.0 51.2 76.8

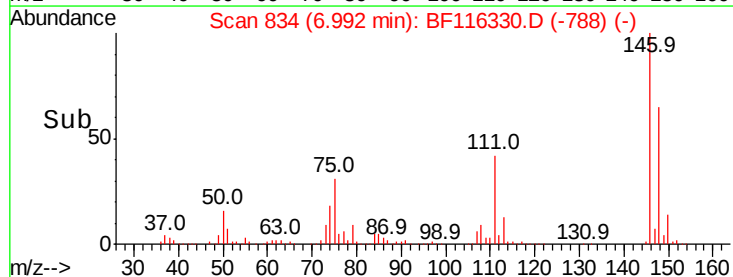
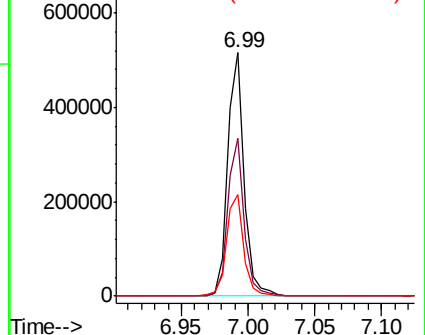
111 41.7 33.5 50.3

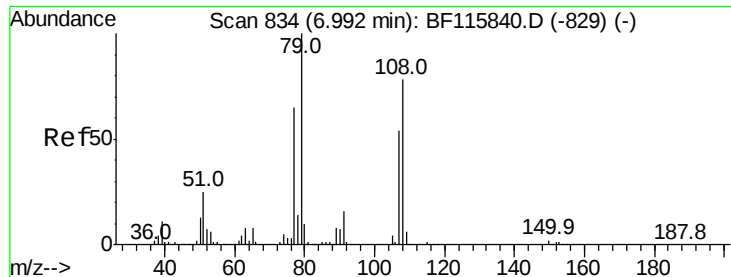


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.559 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

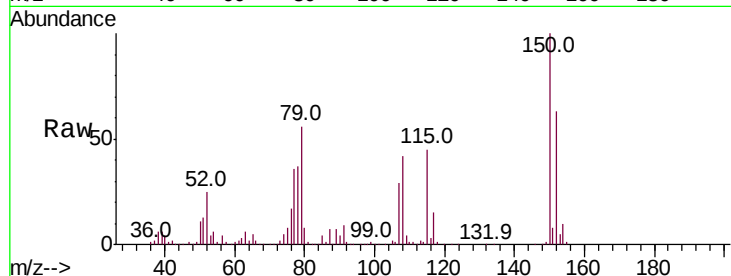
Tot Ion: 79 Resp: 358943

Ion Ratio Lower Upper

79 100

108 75.9 62.7 94.1

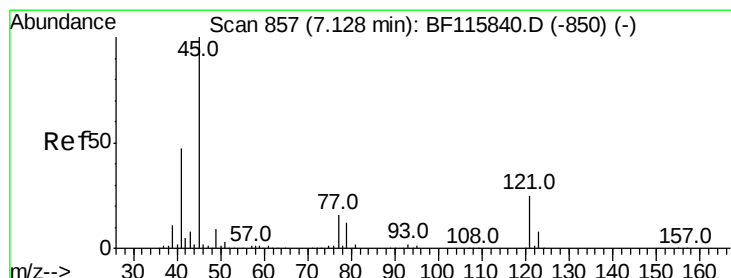
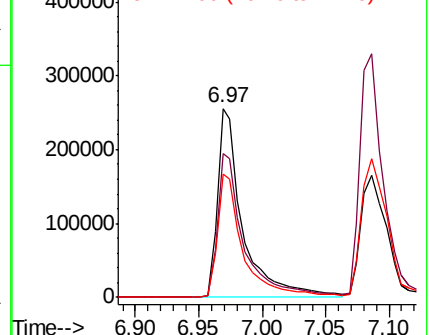
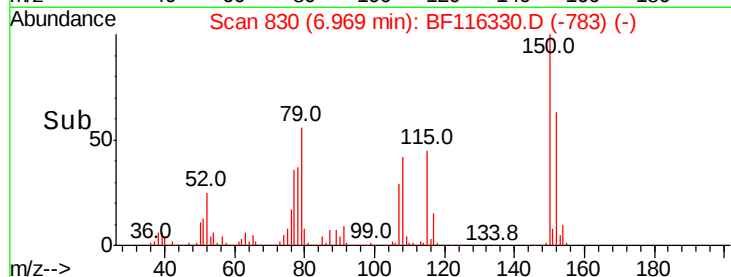
77 65.1 52.2 78.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.300 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.03 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

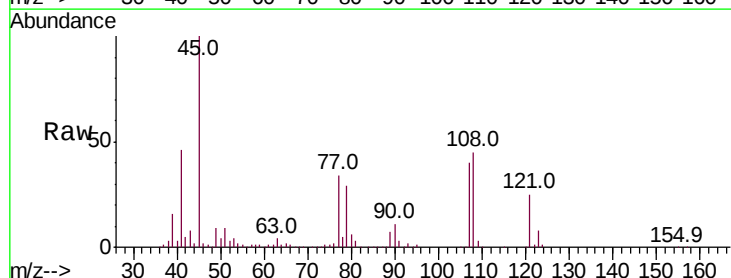
Tgt Ion: 45 Resp: 568758

Ion Ratio Lower Upper

45 100

77 33.8 0.0 40.0

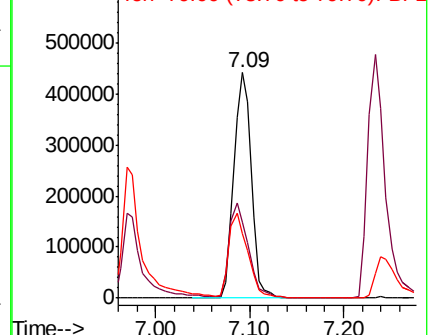
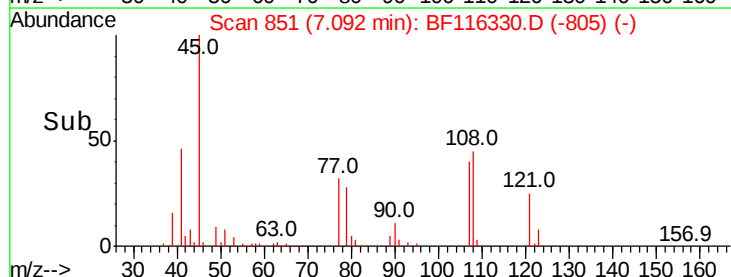
79 28.8 0.0 35.9

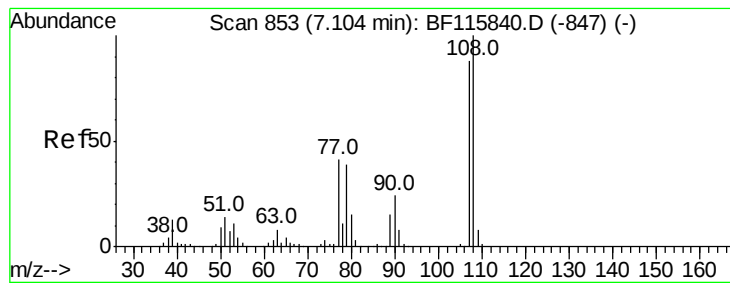


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

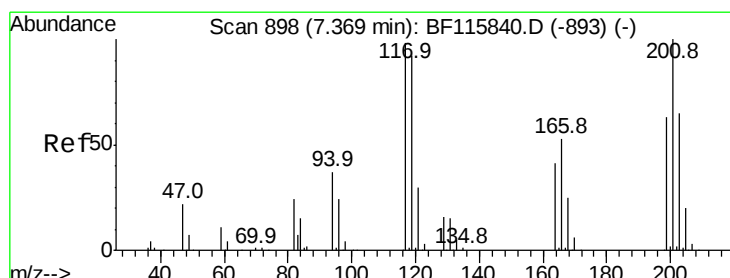
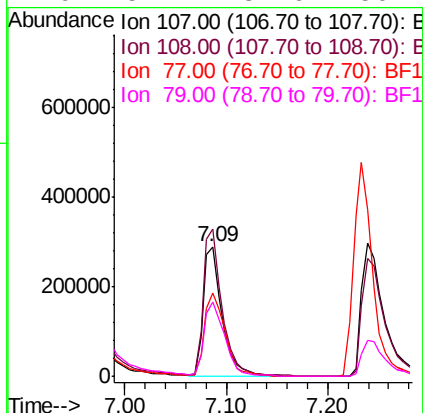
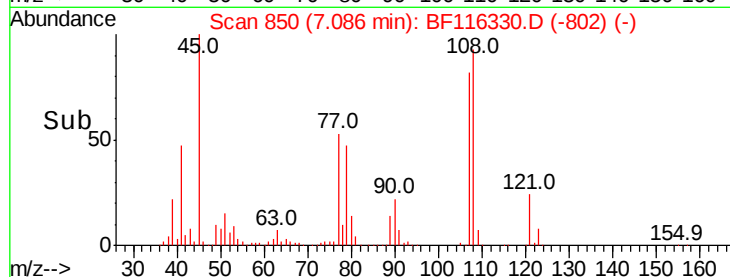
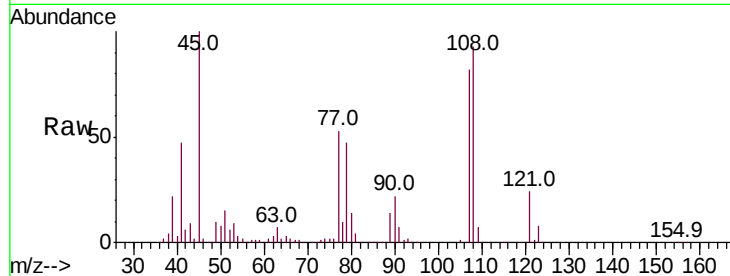




#17
2-Methylphenol
Concen: 42.672 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

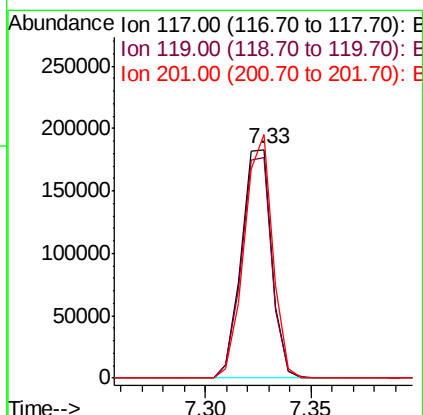
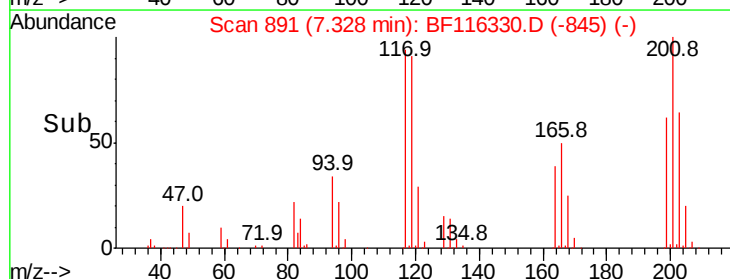
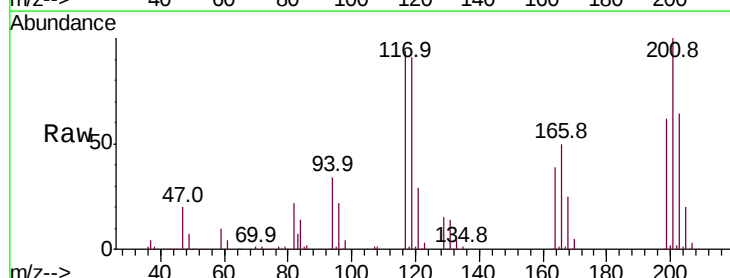
Instrument :
BNA_F
ClientSampleId :
1S-I(0-1)-COMPMS

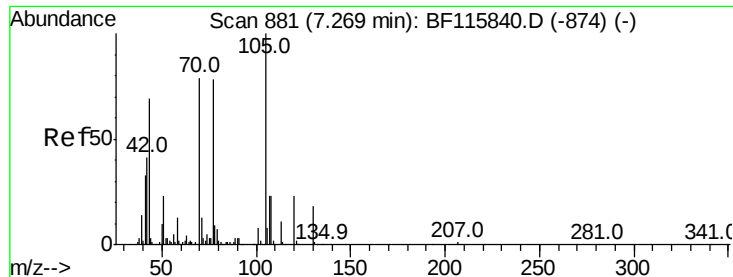
Tot Ion:107 Resp: 369296
Ion Ratio Lower Upper
107 100
108 113.8 91.2 136.8
77 64.7 40.3 60.5#
79 57.2 37.6 56.4#



#18
Hexachloroethane
Concen: 41.827 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

Tgt Ion:117 Resp: 182132
Ion Ratio Lower Upper
117 100
119 96.3 76.1 114.1
201 106.4 77.0 115.4

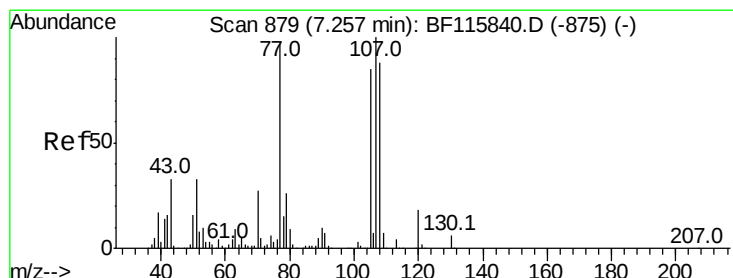
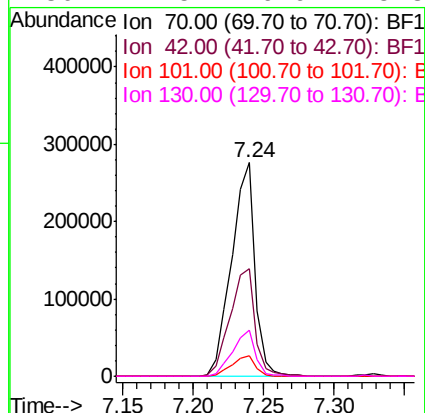
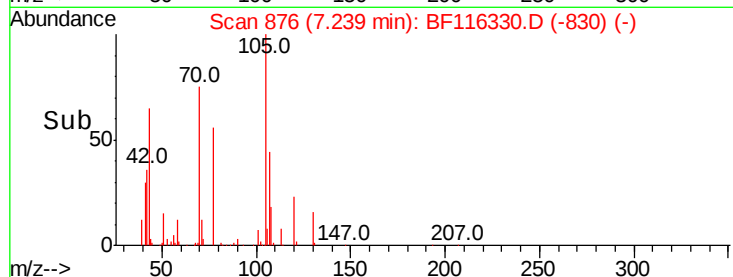
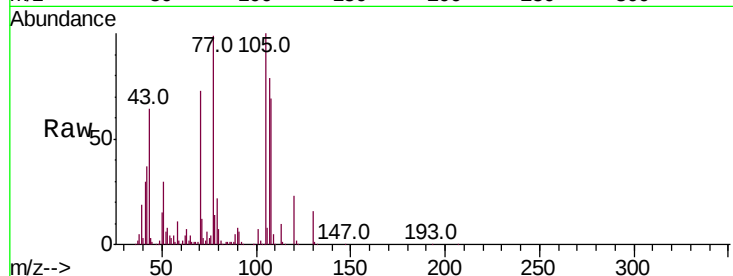




#19
n-Nitroso-di-n-propylamine
Concen: 44.125 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.03 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

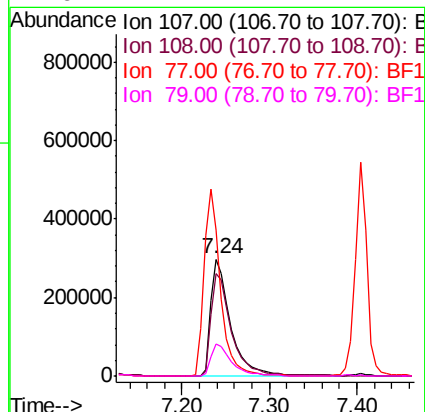
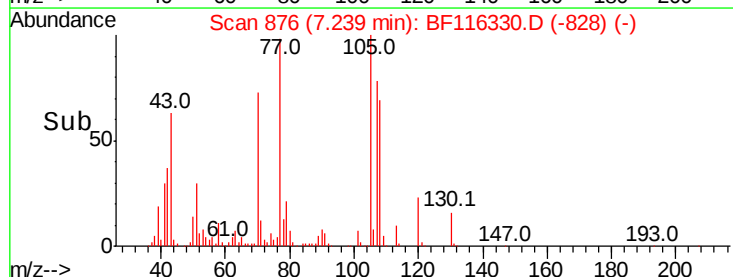
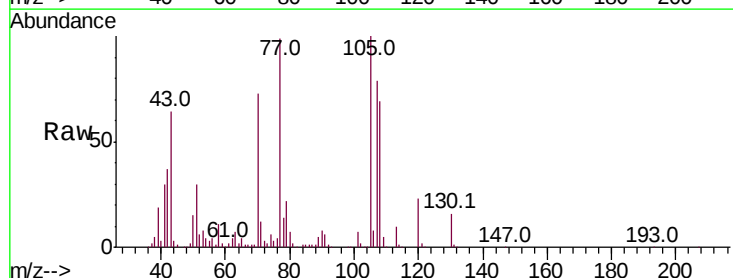
Instrument :
BNA_F
ClientSampleId :
1S-I(0-1)-COMPMS

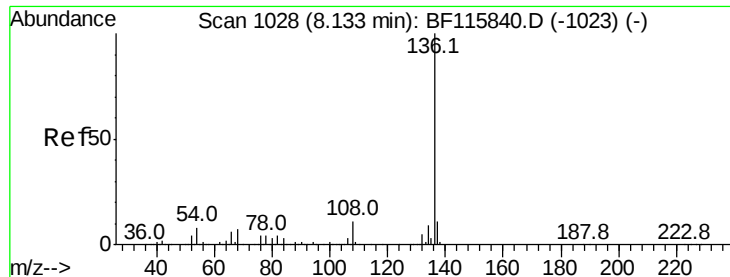
Tot Ion:	70	Resp:	318862
Ion	Ratio	Lower	Upper
70	100		
42	50.5	40.9	61.3
101	9.9	7.9	11.9
130	21.5	16.9	25.3



#20
3+4-Methylphenols
Concen: 45.284 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

Tgt Ion:	107	Resp:	463776
Ion	Ratio	Lower	Upper
107	100		
108	88.1	67.6	107.6
77	125.5	104.4	144.4
79	27.4	7.4	47.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

Tot Ion:136 Resp: 604614

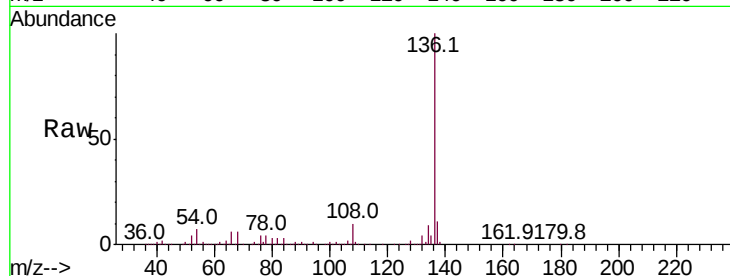
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.2 5.8 8.6

68 6.4 5.2 7.8

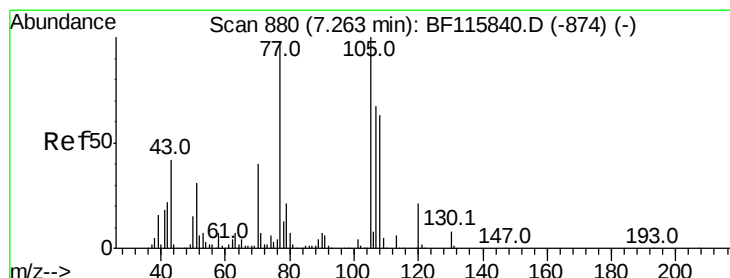
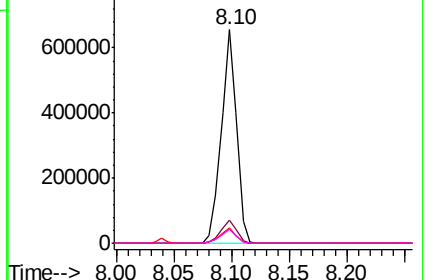
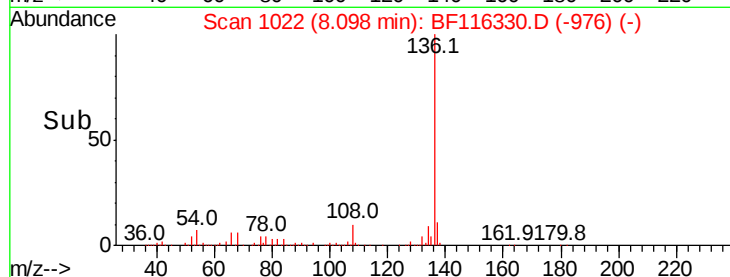


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.501 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Tgt Ion:105 Resp: 629859

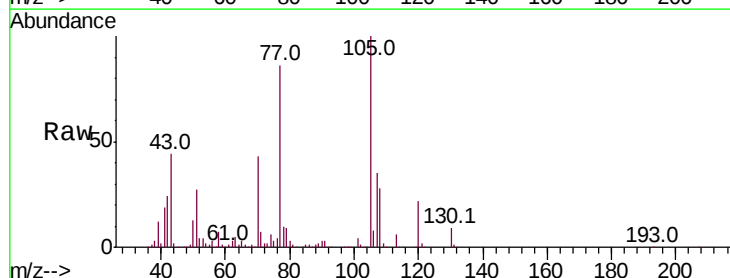
Ion Ratio Lower Upper

105 100

71 7.5 5.9 8.9

51 27.0 25.3 37.9

120 22.1 17.9 26.9

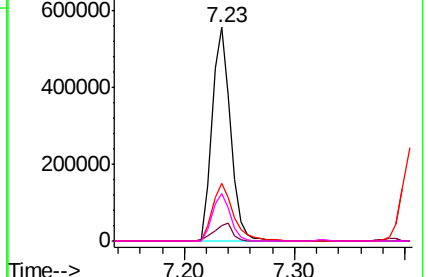
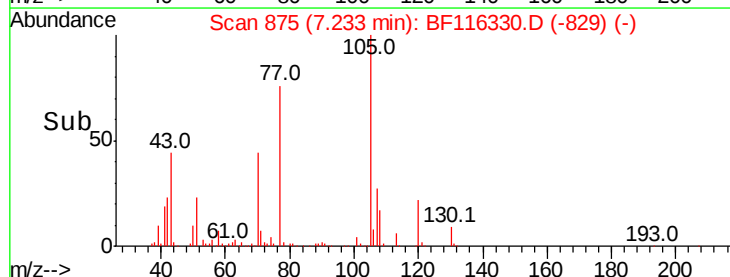


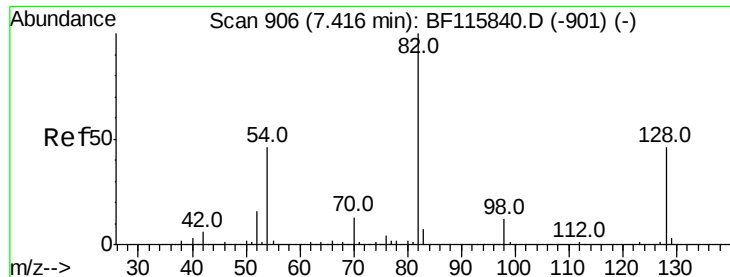
Abundance Ion 105.00 (104.70 to 105.70): E

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

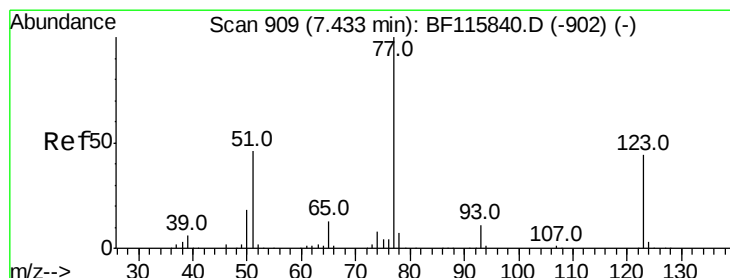
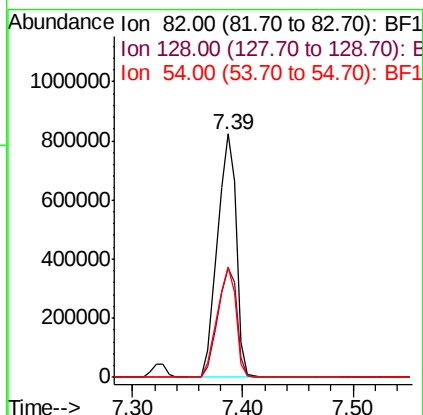
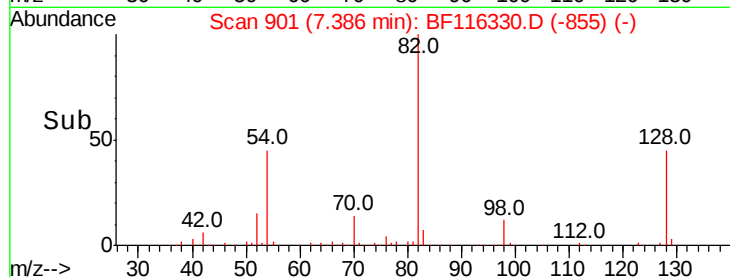
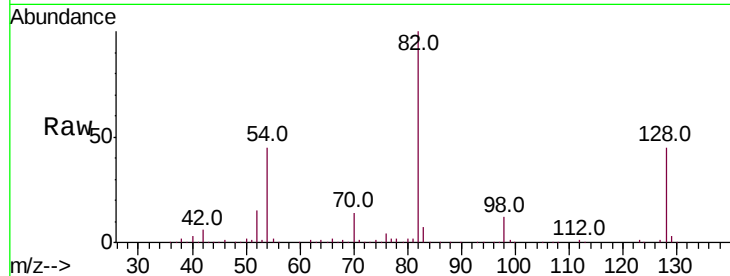




#23
 Nitrobenzene-d5
 Concen: 93.174 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.03 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

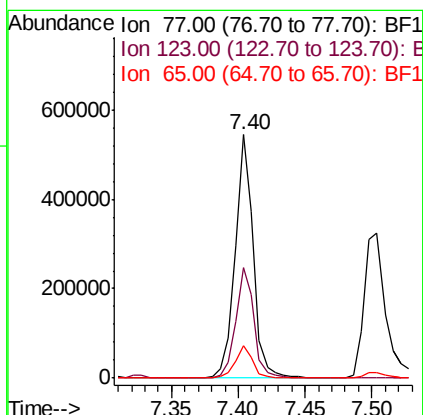
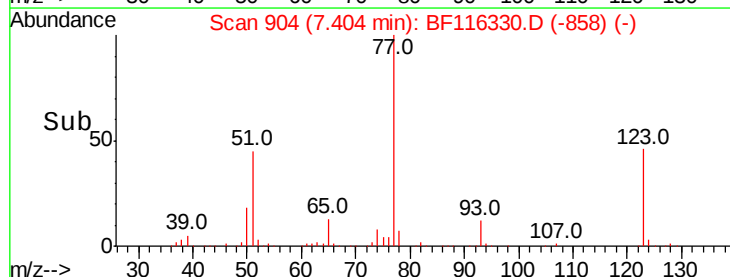
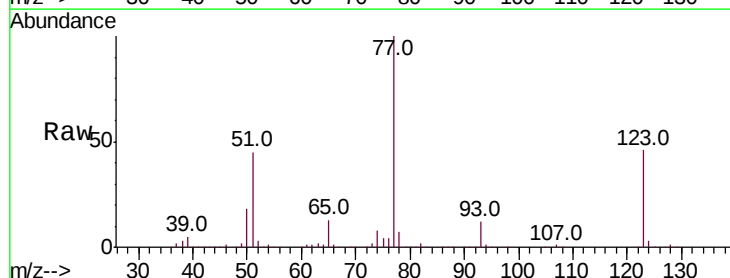
Instrument :
 BNA_F
 ClientSampleId :
 1S-I(0-1)-COMPMS

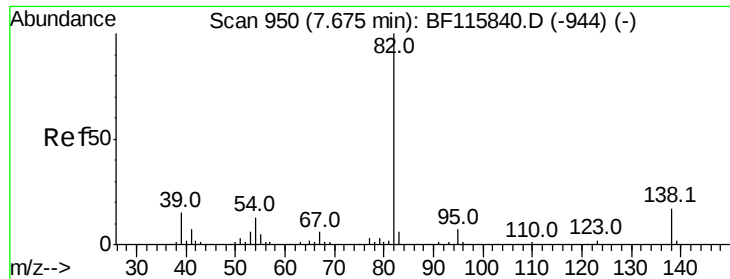
Tot Ion: 82 Resp: 975936
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.5 54.7
 54 45.1 36.0 54.0



#24
 Nitrobenzene
 Concen: 45.495 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.03 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

Tgt Ion: 77 Resp: 514547
 Ion Ratio Lower Upper
 77 100
 123 45.6 36.7 55.1
 65 13.2 10.6 16.0





#25

Isophorone

Concen: 47.006 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I(0-1)-COMPMS

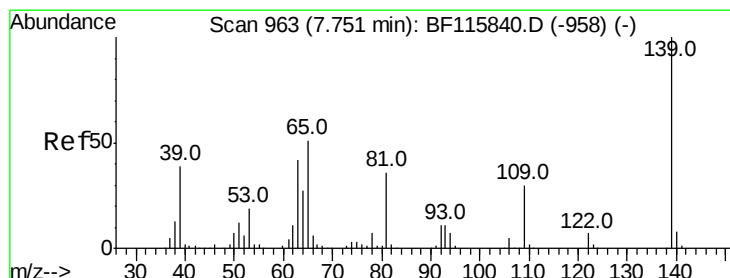
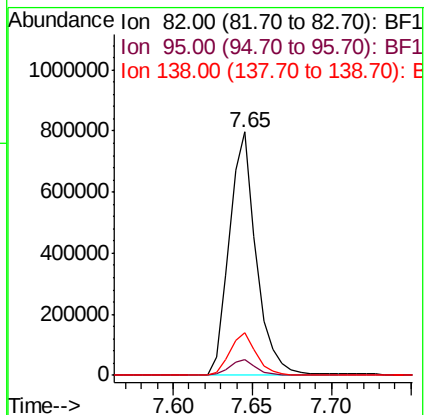
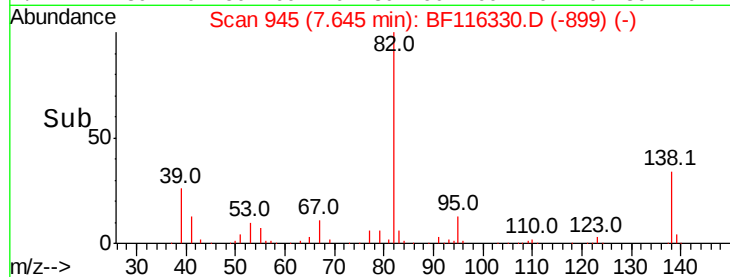
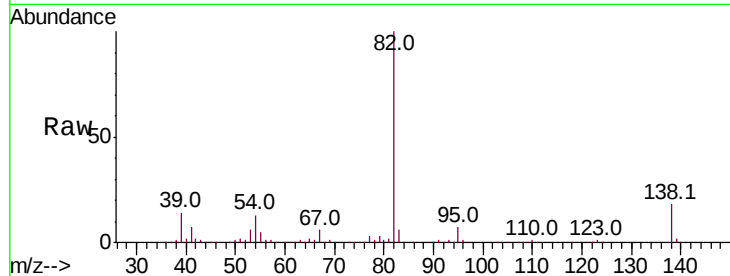
Tot Ion: 82 Resp: 941458

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 17.7 14.5 21.7



#26

2-Nitrophenol

Concen: 47.326 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

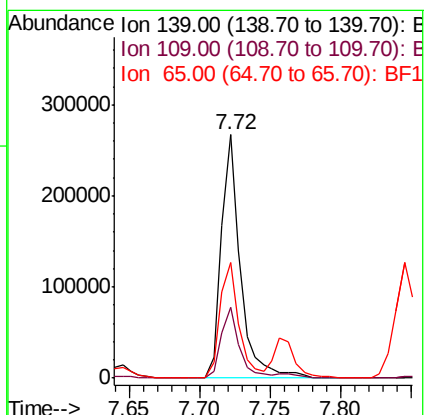
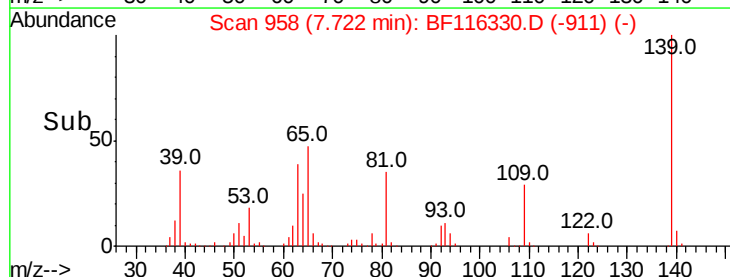
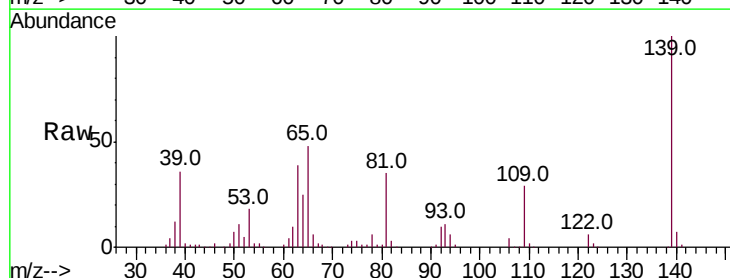
Tgt Ion: 139 Resp: 252310

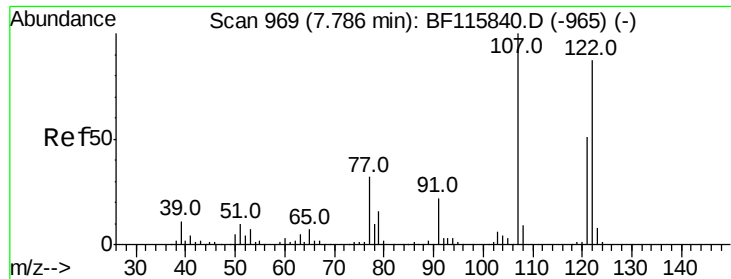
Ion Ratio Lower Upper

139 100

109 28.9 23.4 35.2

65 47.6 41.1 61.7

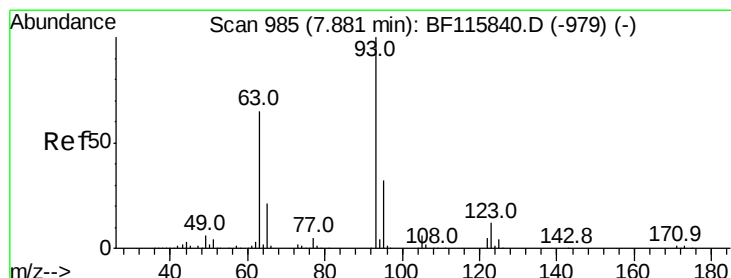
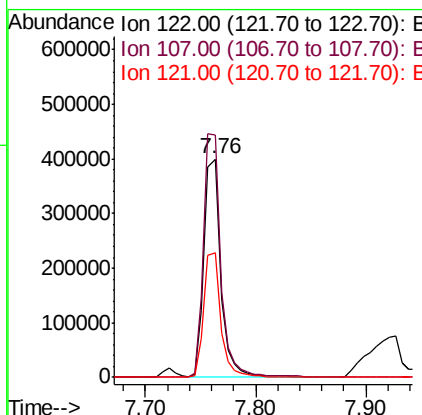
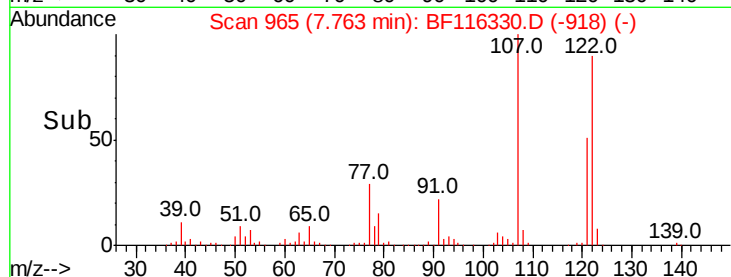
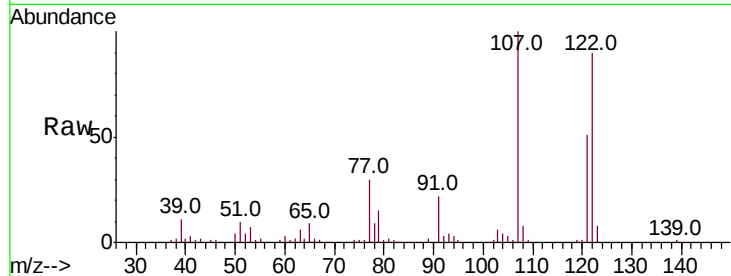




#27
2,4-Dimethylphenol
Concen: 51.366 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

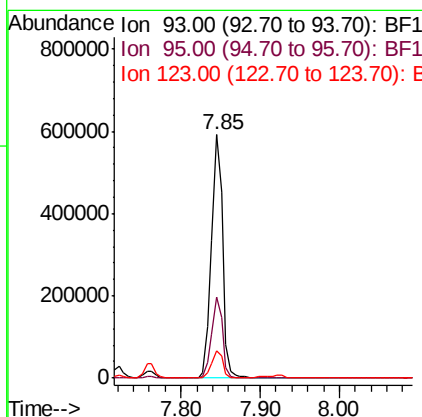
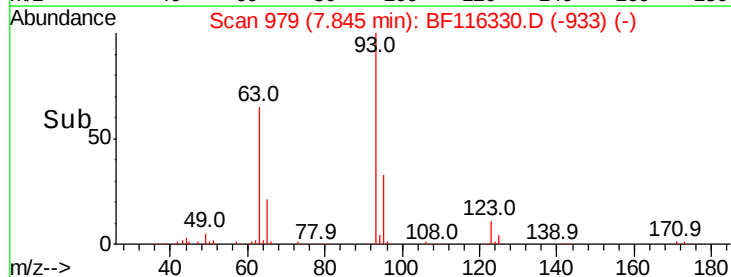
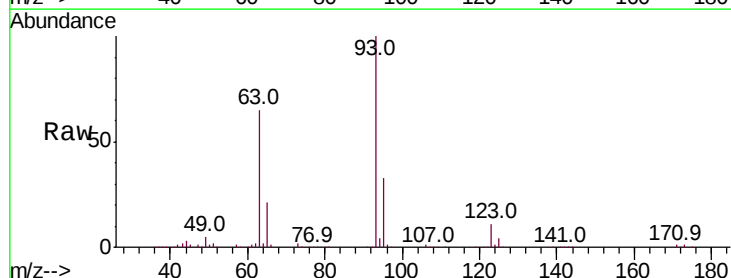
Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMPMS

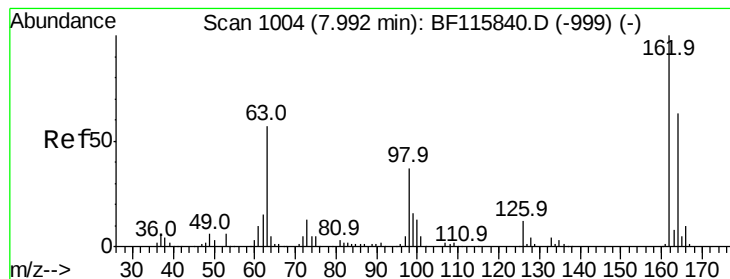
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	93.0	139.6
121	57.1	47.6	71.4



#28
bis(2-Chloroethoxy)methane
Concen: 46.976 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.03 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.4
123	11.2	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 47.828 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

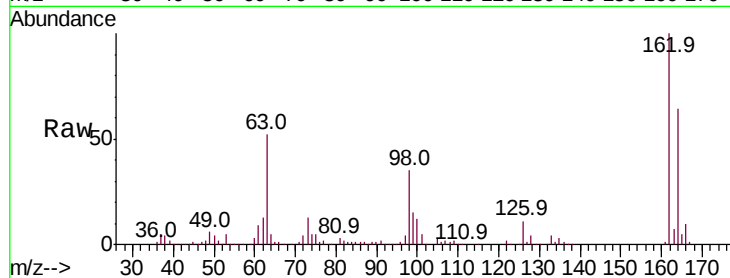
Tot Ion:162 Resp: 405050

Ion Ratio Lower Upper

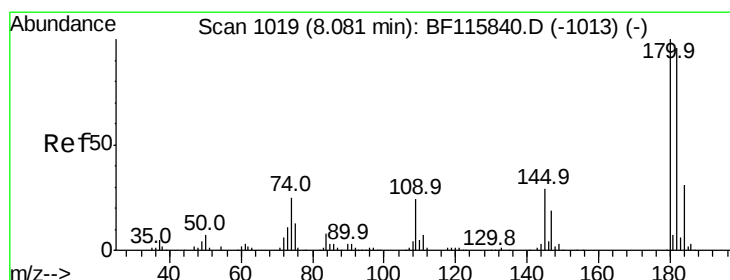
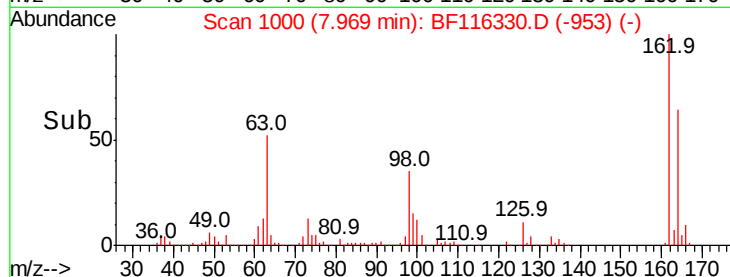
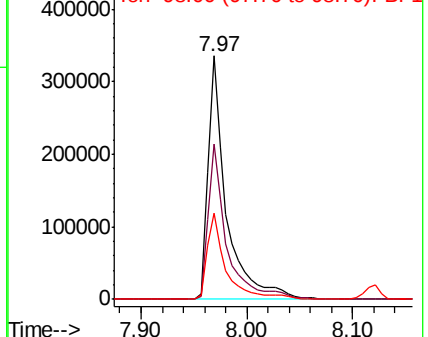
162 100

164 64.0 45.1 85.1

98 35.2 15.8 55.8



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 44.363 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.03 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

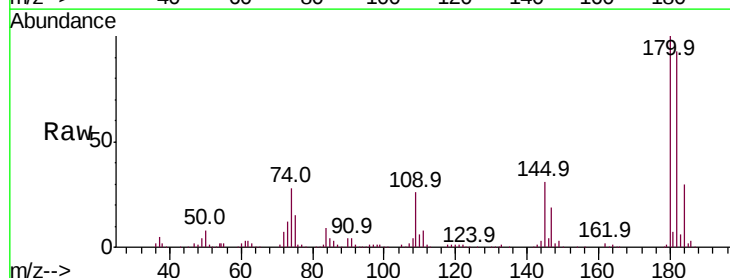
Tgt Ion:180 Resp: 428273

Ion Ratio Lower Upper

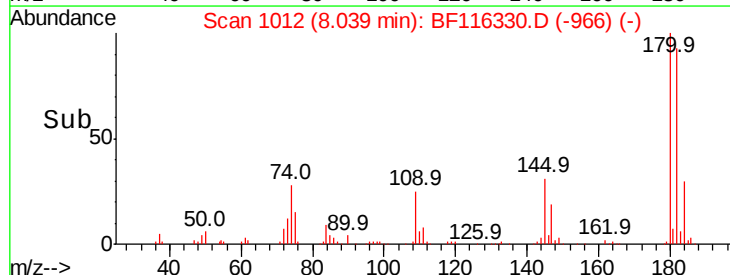
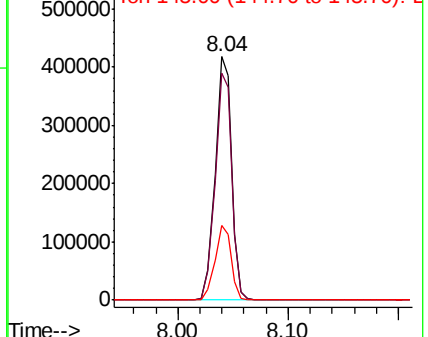
180 100

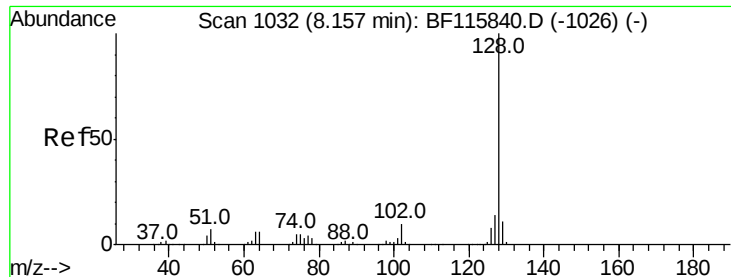
182 93.4 75.7 113.5

145 30.5 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

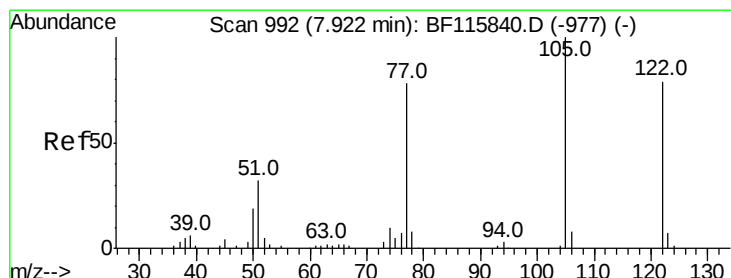
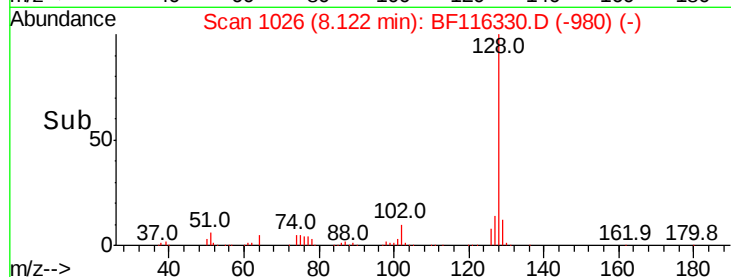
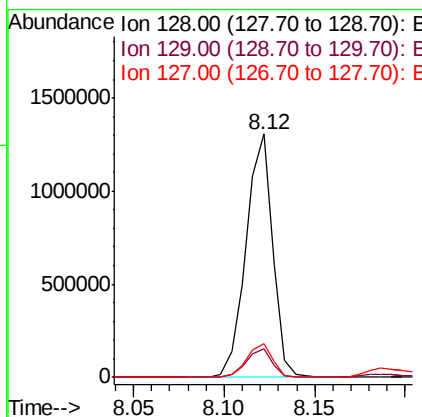
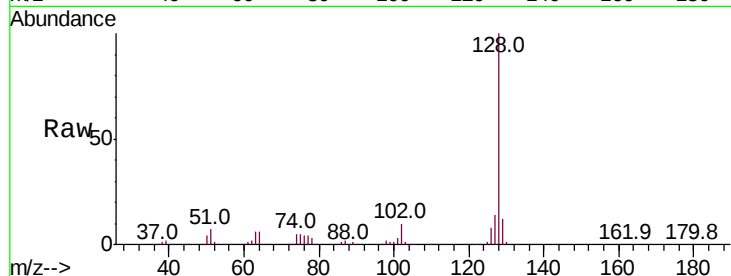




#31
Naphthalene
Concen: 46.696 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

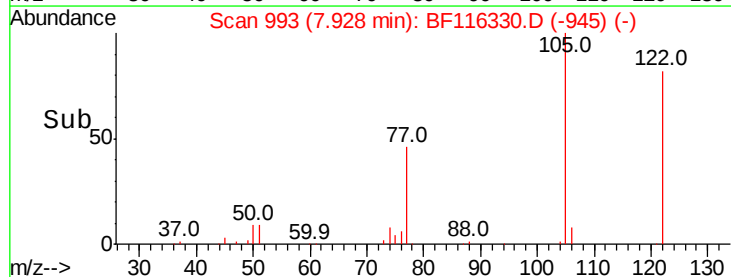
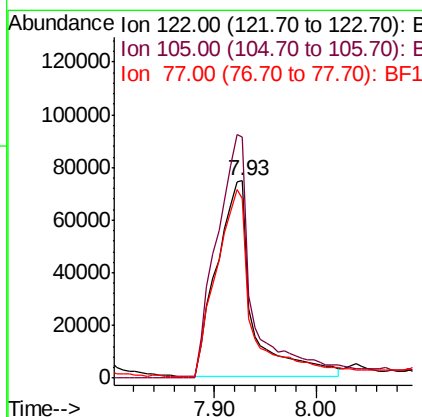
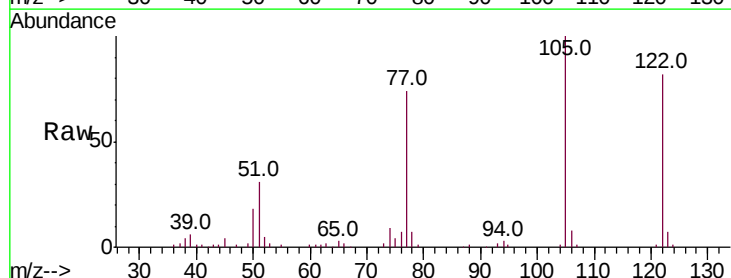
Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMPMS

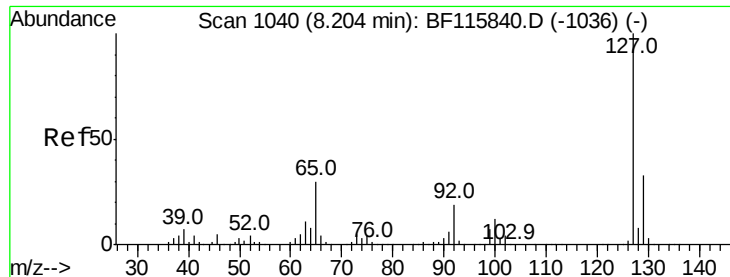
Tot Ion:128 Resp: 1328592
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 32.422 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

Tgt Ion:122 Resp: 183343
Ion Ratio Lower Upper
122 100
105 122.5 106.1 146.1
77 91.1 76.7 116.7

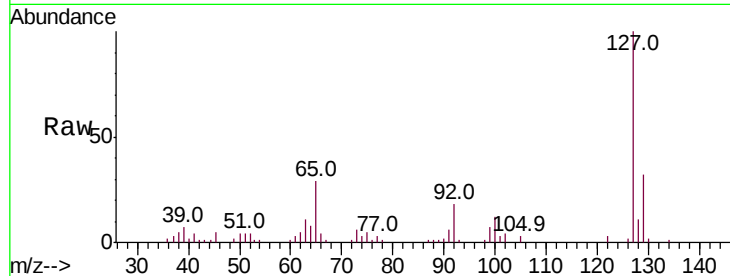




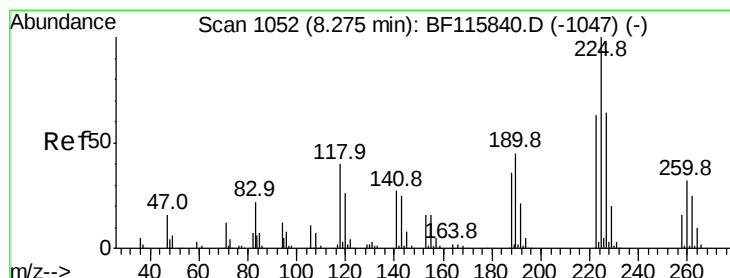
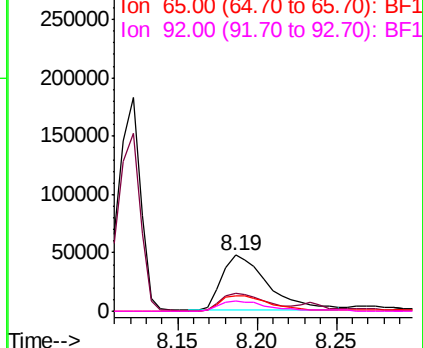
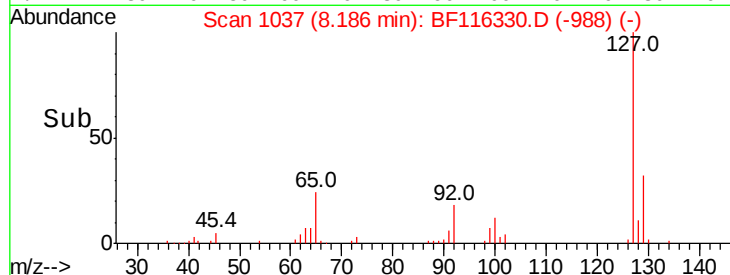
#33
 4-Chloroaniline
 Concen: 7.648 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

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

Tot Ion:	127	Resp:	97220
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.1	39.1
65	28.5	24.9	37.3
92	18.2	15.7	23.5

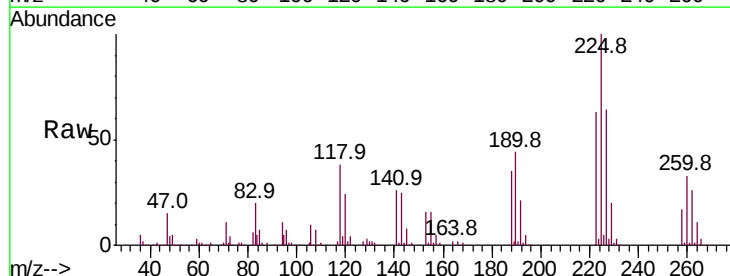


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

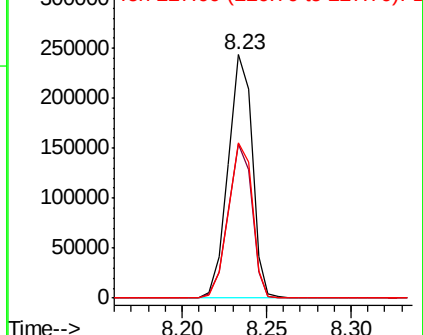
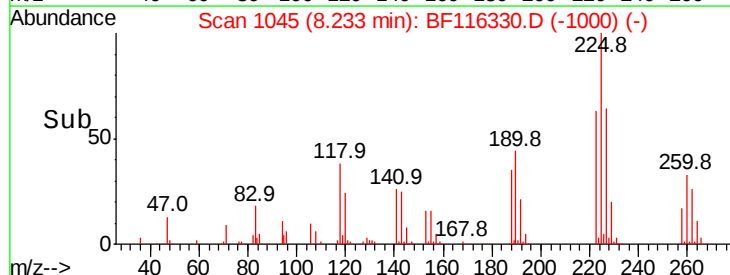


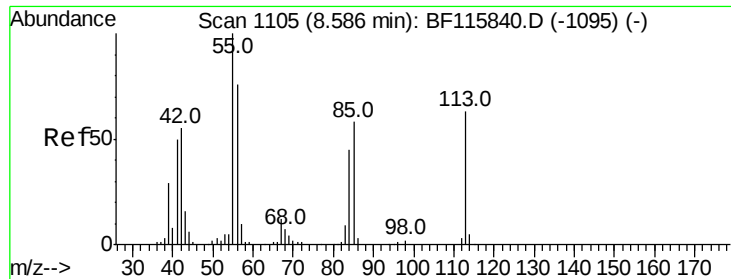
#34
 Hexachlorobutadiene
 Concen: 43.267 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. -0.04 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

Tgt Ion:	225	Resp:	240585
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.0	75.0
227	63.9	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

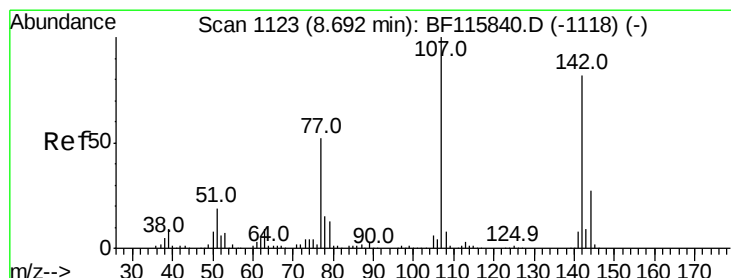
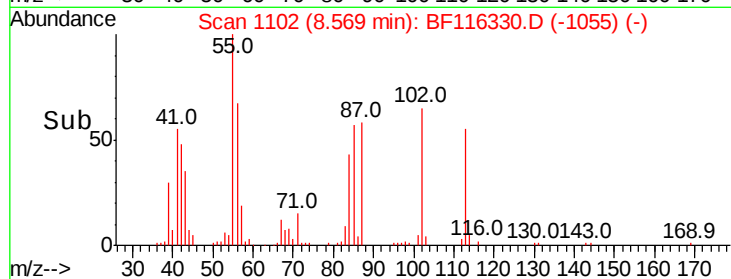
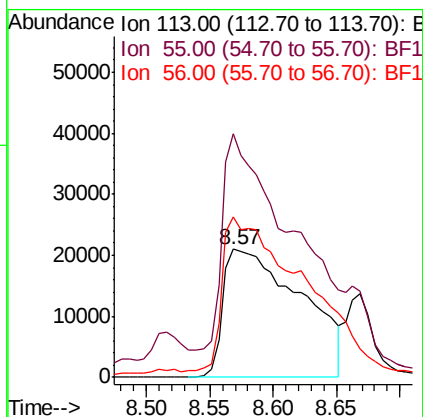
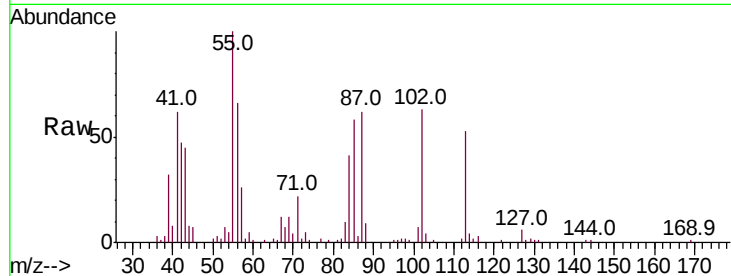




#35
Caprolactam
Concen: 32.809 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

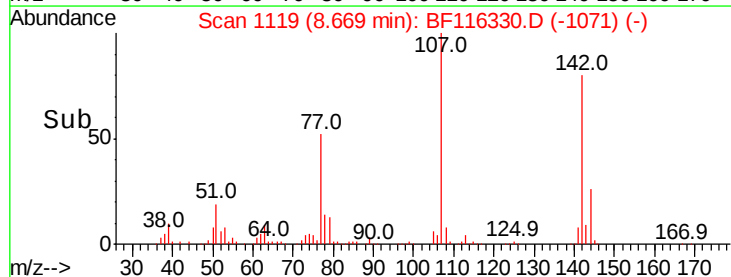
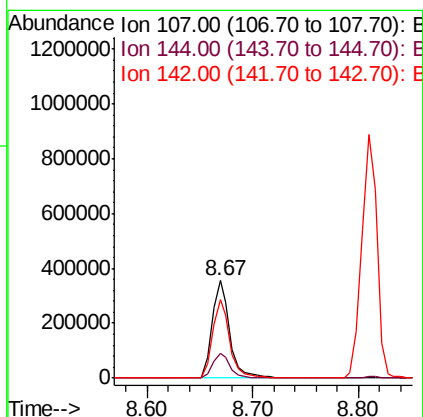
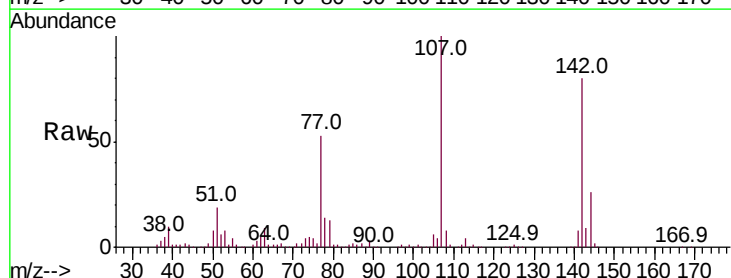
Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMPMS

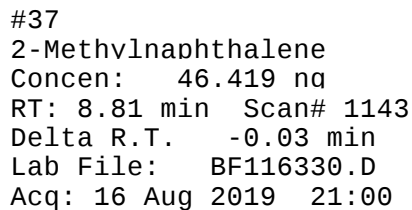
Tot Ion:113 Resp: 89866
Ion Ratio Lower Upper
113 100
55 190.0 144.3 184.3#
56 125.3 97.1 137.1



#36
4-Chloro-3-methylphenol
Concen: 47.370 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

Tgt Ion:107 Resp: 417351
Ion Ratio Lower Upper
107 100
144 25.7 20.2 30.2
142 80.1 61.7 92.5

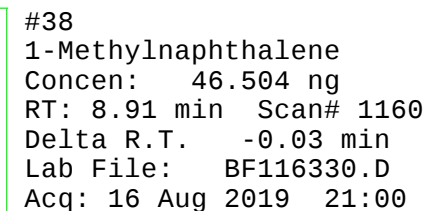
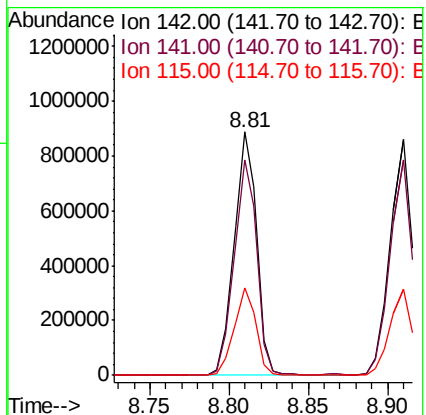




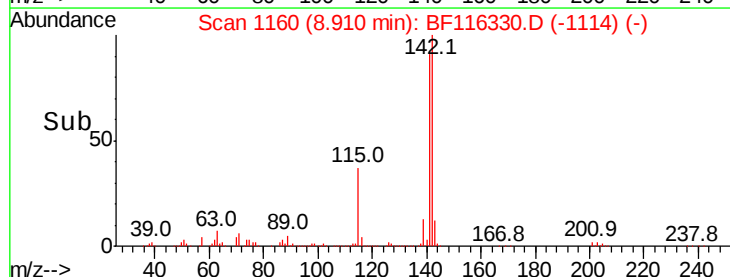
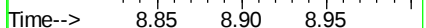
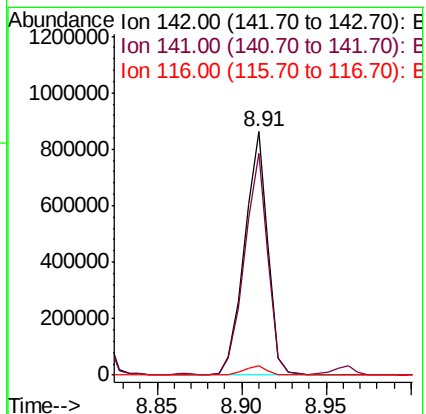
Instrument :
BNA_F

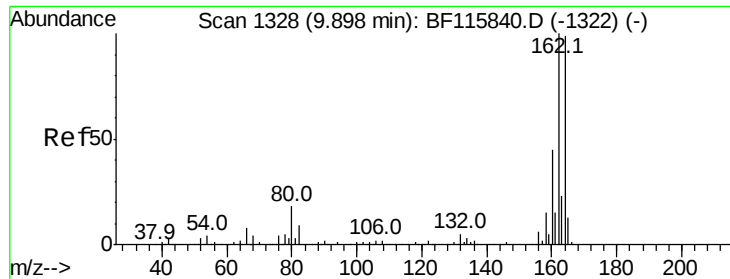
ClientSampleId :
1S-I-(0-1)-COMPMS

Tot	Ion:142	Resp:	869807
Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3
115	35.9	29.0	43.6



Tgt	Ion:142	Resp:	824374
Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.4	111.6
116	3.8	3.1	4.7

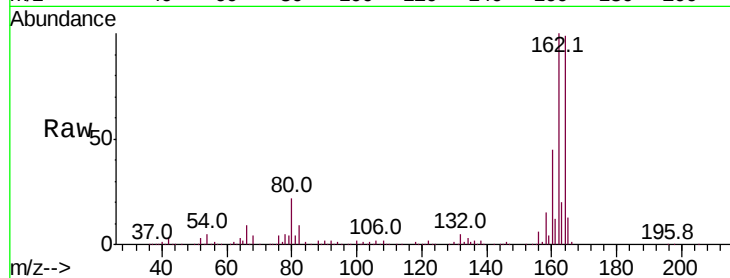




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	124.0
160	45.7	37.6	56.4

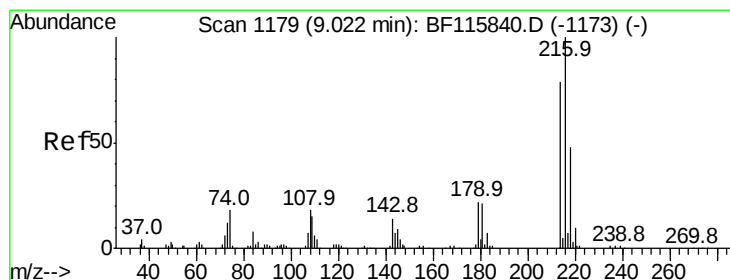
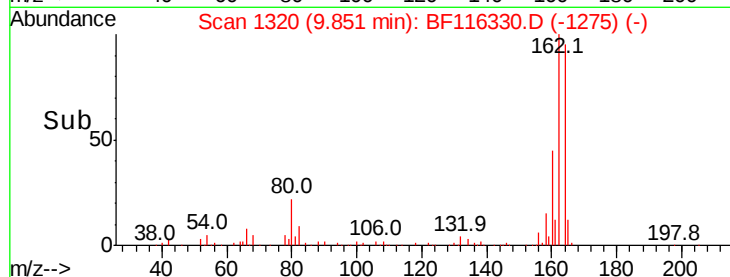
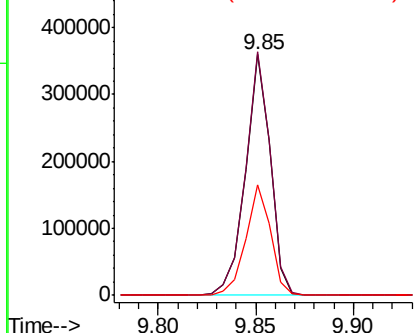


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.411 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.03 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.6	95.4
179	22.2	17.8	26.8
108	21.1	16.5	24.7

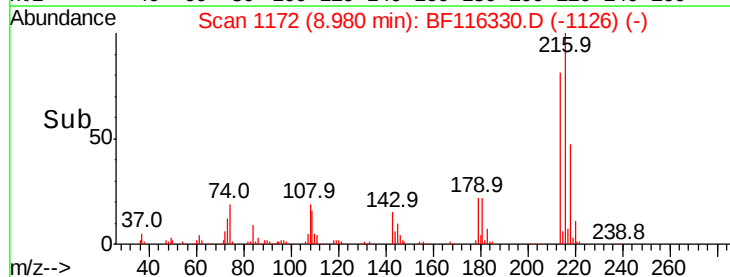
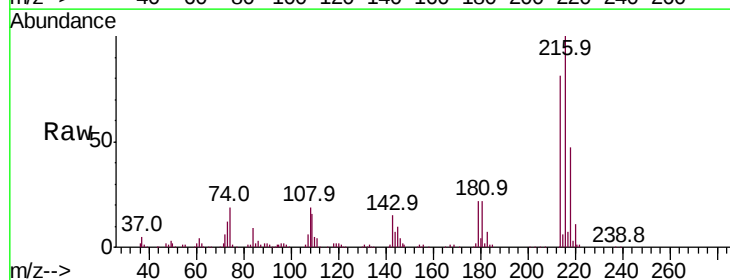
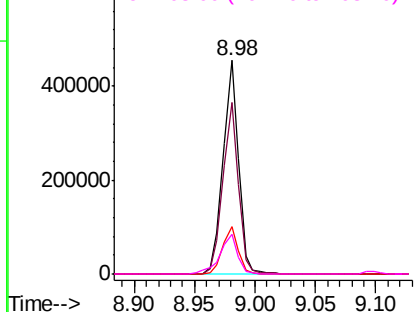
Abundance

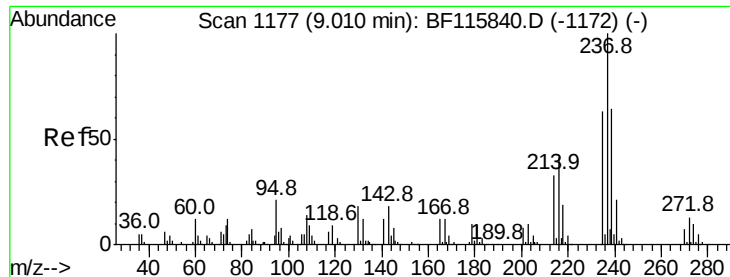
Ion 216.00 (215.70 to 216.70): E

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: 56.773 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

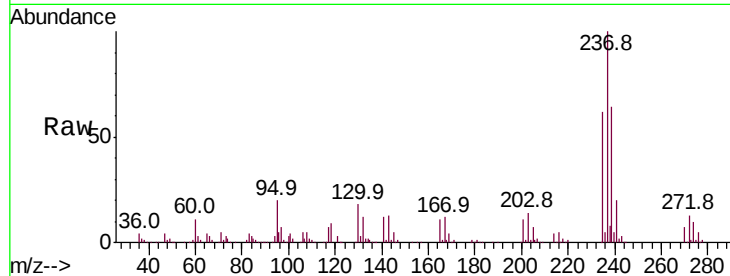
Tot Ion:237 Resp: 209224

Ion Ratio Lower Upper

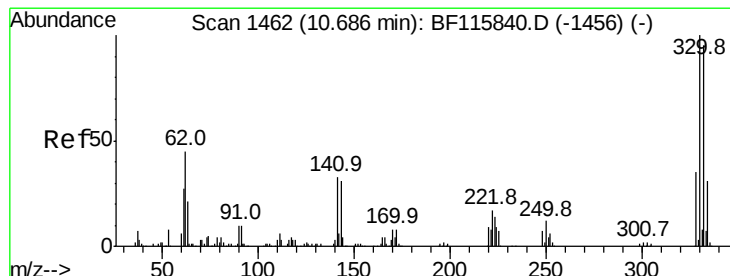
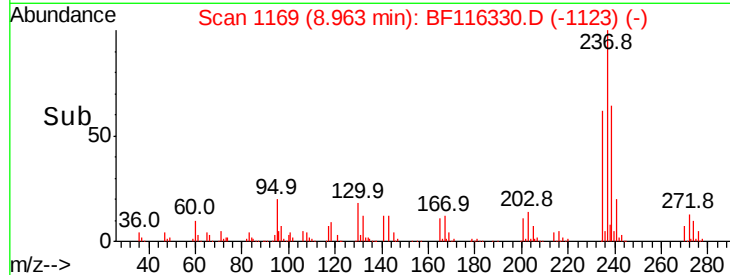
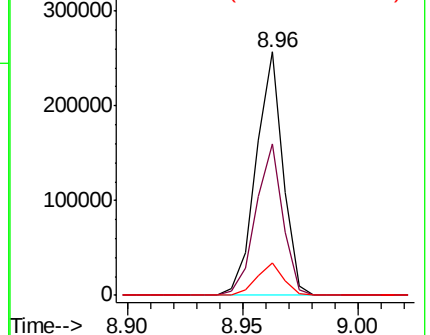
237 100

235 62.1 43.4 83.4

272 13.1 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: 132.053 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

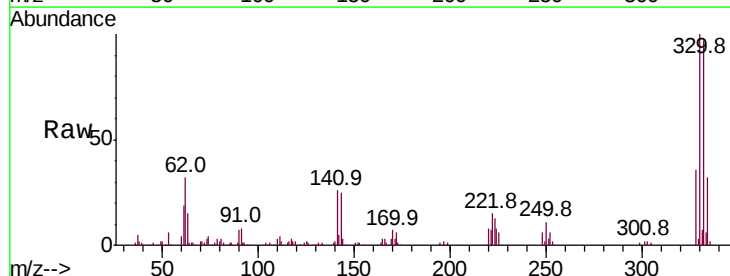
Tgt Ion:330 Resp: 406422

Ion Ratio Lower Upper

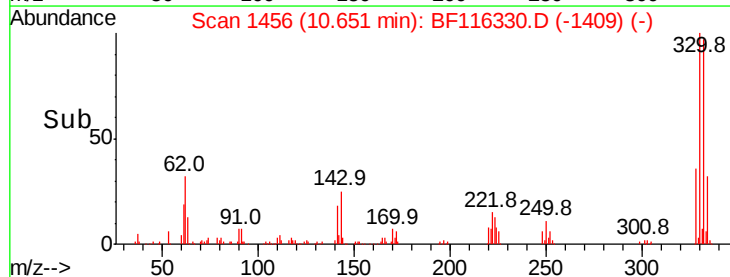
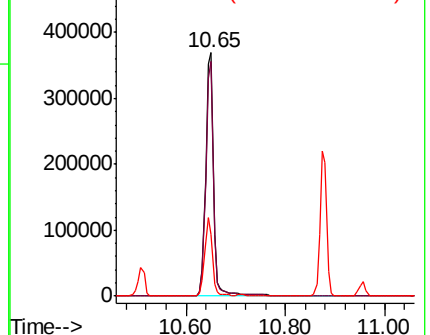
330 100

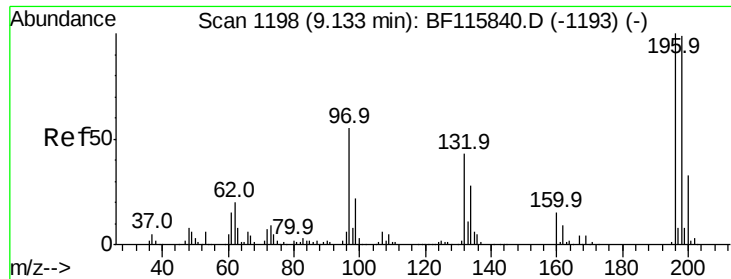
332 94.9 76.8 115.2

141 31.3 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

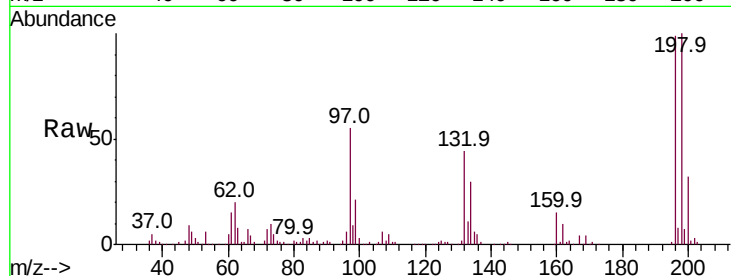




#43
 2,4,6-Trichlorophenol
 Concen: 44.612 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.2	79.2	118.8
200	31.9	25.2	37.8

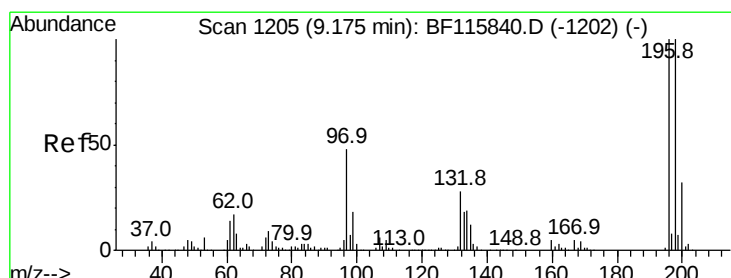
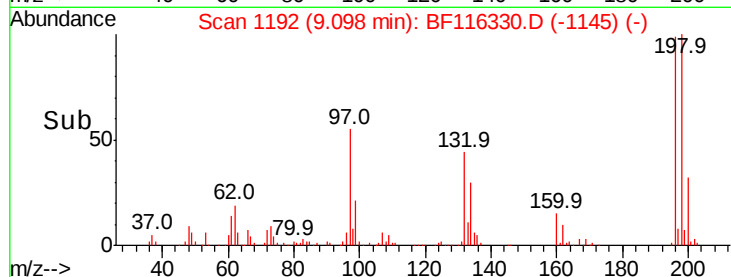
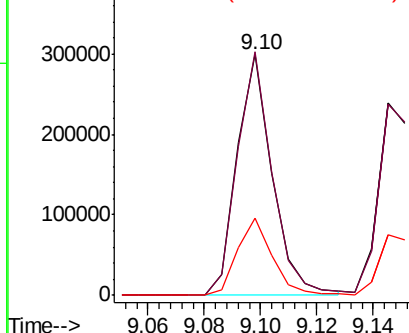


Abundance

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: 44.669 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	78.8	118.2
97	55.8	42.2	63.4
132	31.1	24.0	36.0

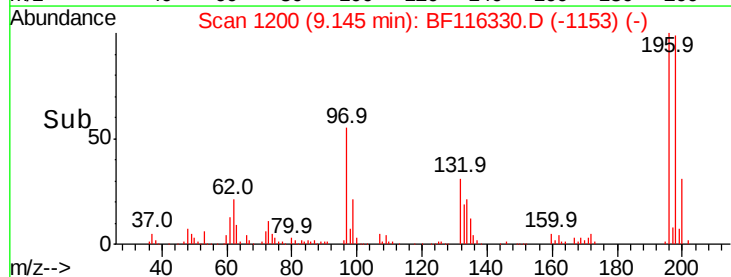
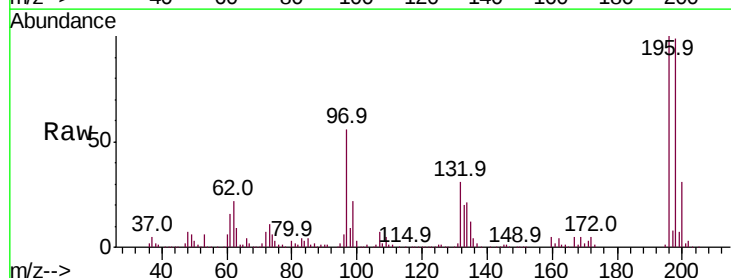
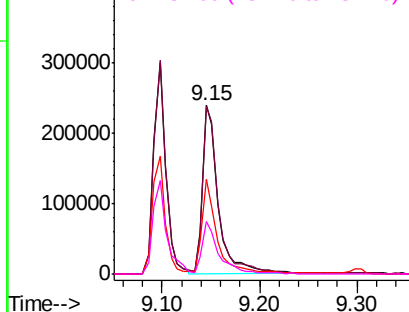
Abundance

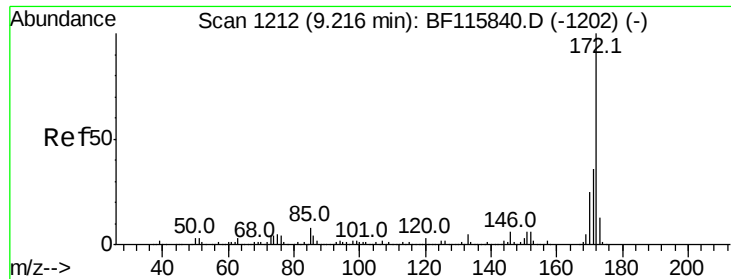
Ion 196.00 (195.70 to 196.70): E

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

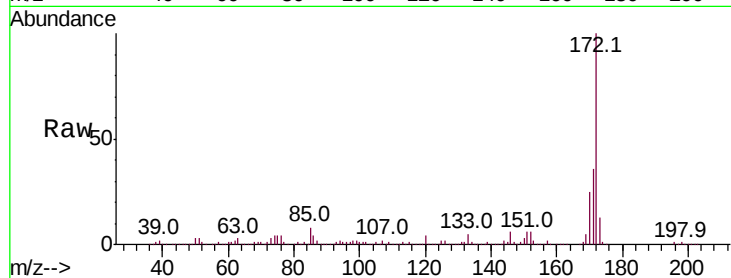




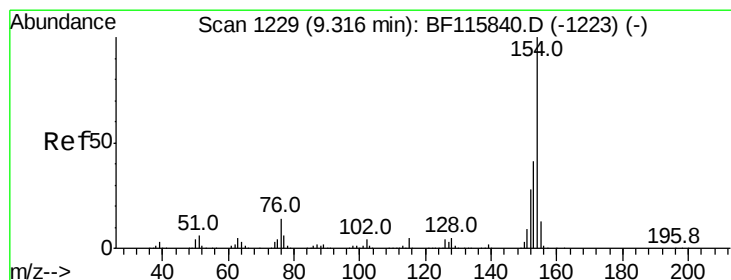
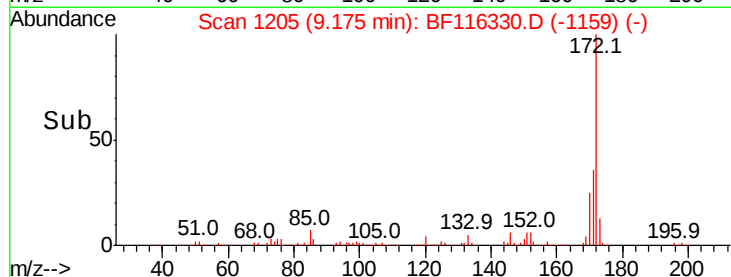
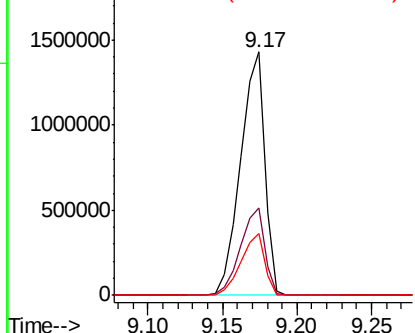
#45
2-Fluorobiphenyl
Concen: 95.039 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

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

Tot Ion:172 Resp: 1610700
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 25.2 20.1 30.1

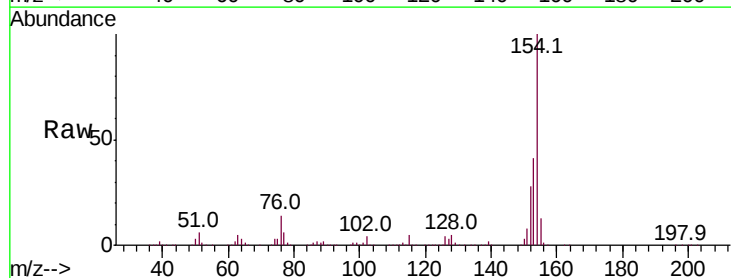


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

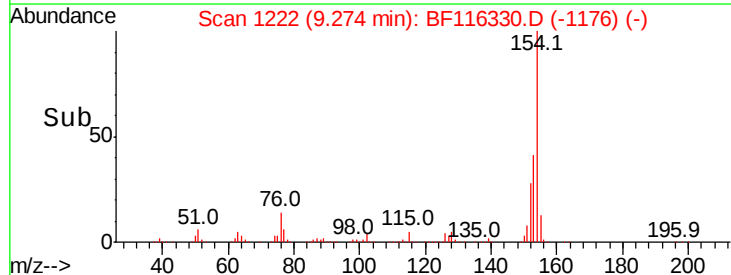
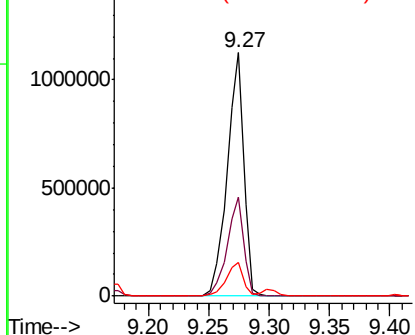


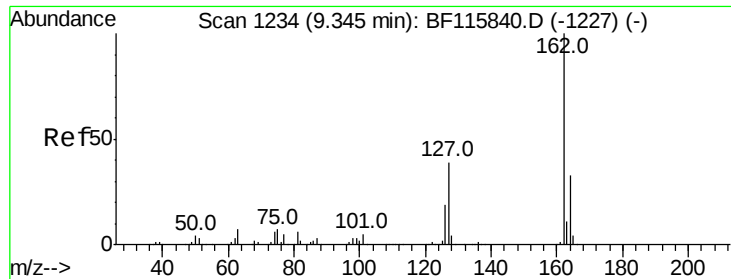
#46
1,1'-Biphenyl
Concen: 47.974 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

Tgt Ion:154 Resp: 1075178
Ion Ratio Lower Upper
154 100
153 40.9 21.4 61.4
76 13.8 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

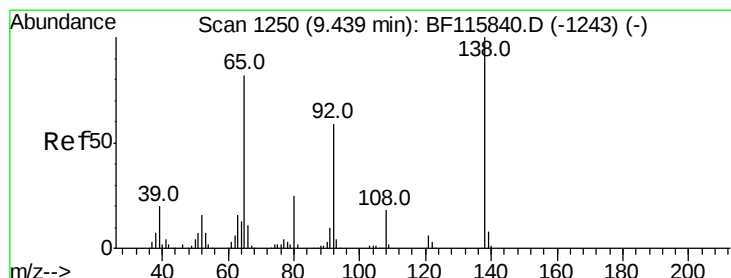
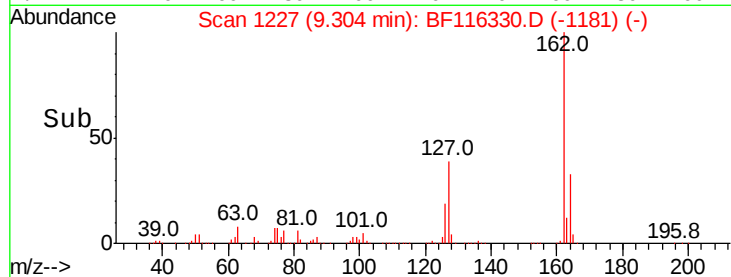
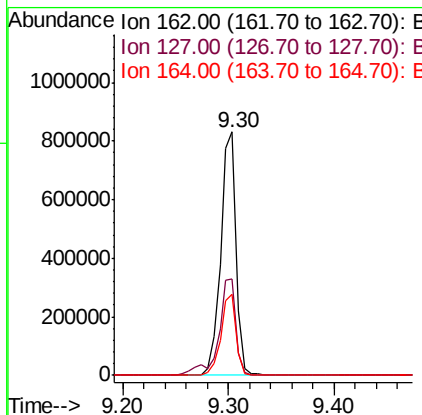
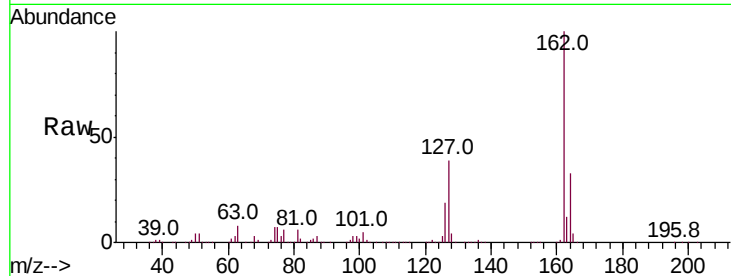




#47
 2-Chloronaphthalene
 Concen: 45.506 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.03 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

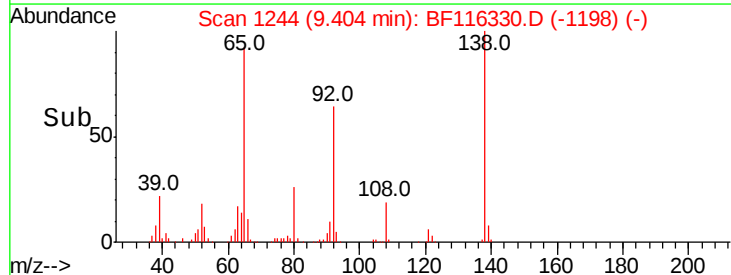
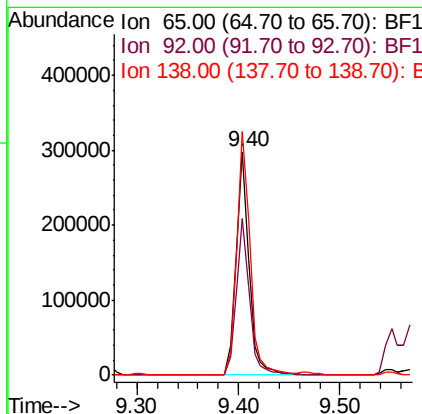
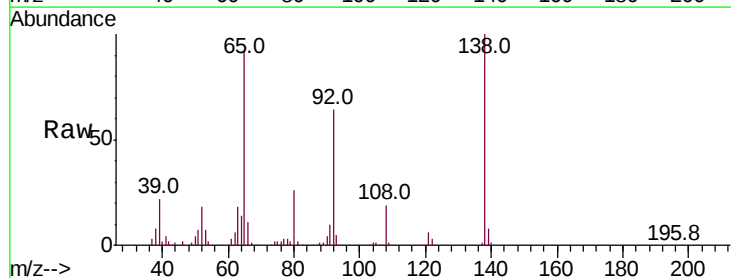
Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMPMS

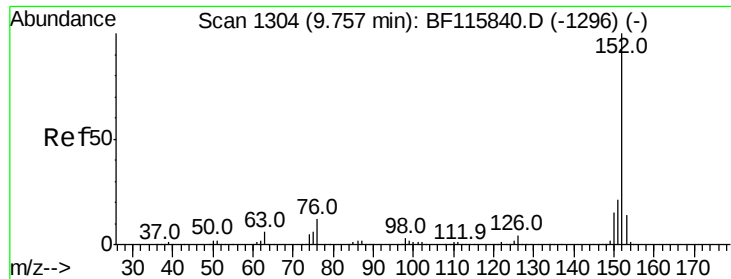
Tot Ion:	162	Resp:	848827
Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.8	49.2
164	33.4	26.6	39.8



#48
 2-Nitroaniline
 Concen: 43.825 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.03 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

Tgt Ion:	65	Resp:	270205
Ion	Ratio	Lower	Upper
65	100		
92	70.2	57.8	86.8
138	109.0	94.0	141.0





#49

Acenaphthylene

Concen: 45.396 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

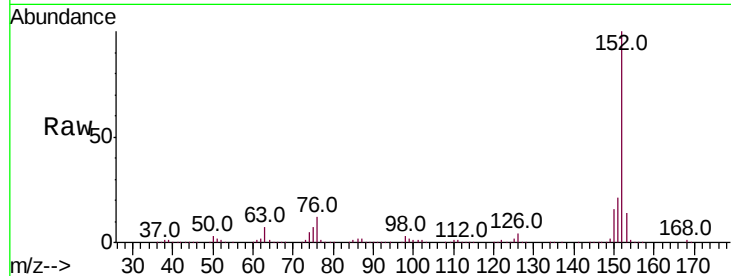
BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

Tot Ion:152 Resp: 1235360

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.2	25.8
153	14.5	11.8	17.8

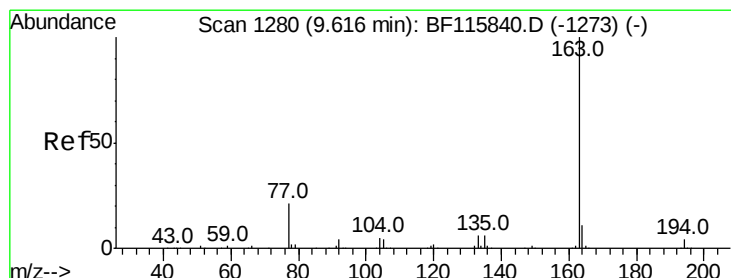
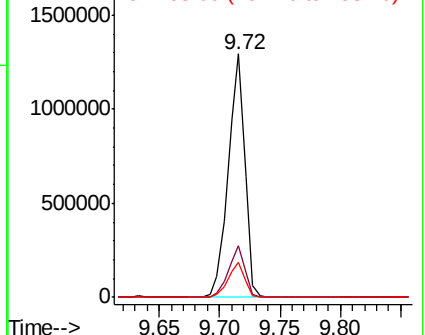
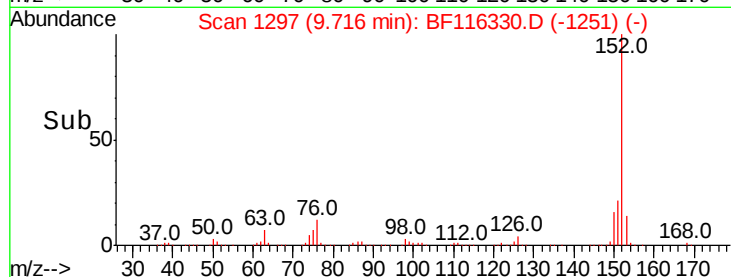


Abundance

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: 46.503 ng

RT: 9.57 min Scan# 1273

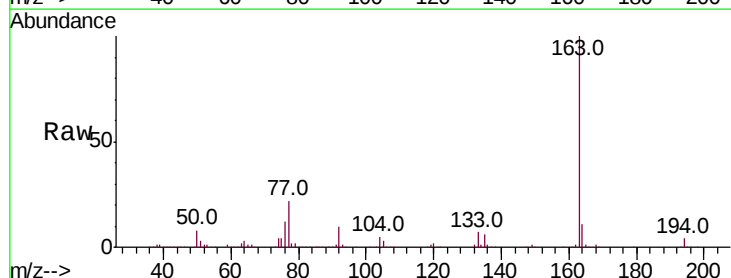
Delta R.T. -0.03 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Tgt Ion:163 Resp: 1005130

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.6	8.4	12.6

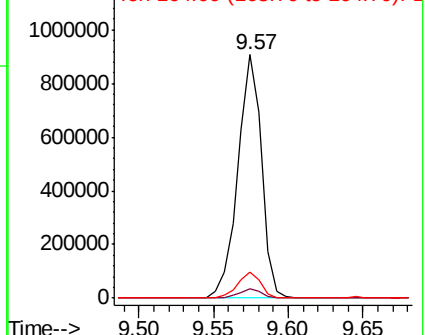
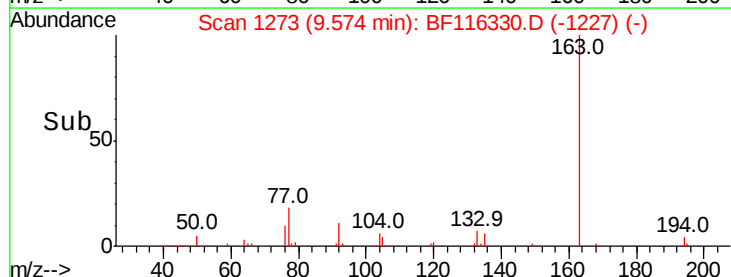


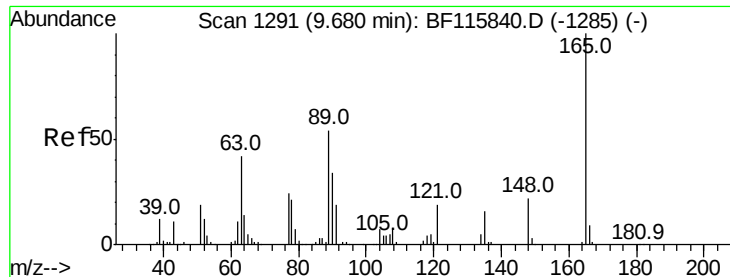
Abundance

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: 47.242 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.03 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

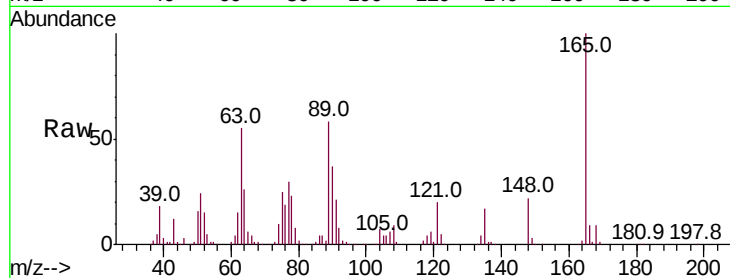
Tot Ion:165 Resp: 221906

Ion Ratio Lower Upper

165 100

63 55.0 38.2 57.2

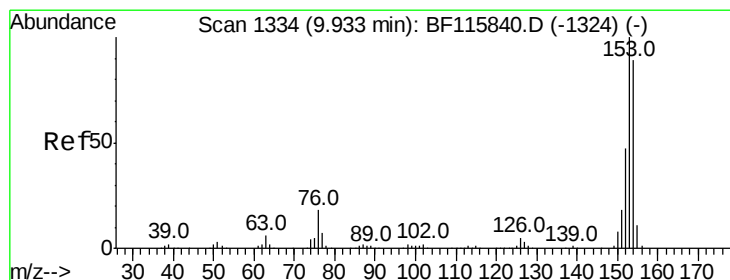
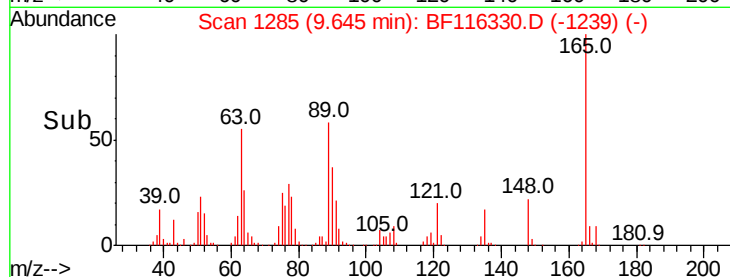
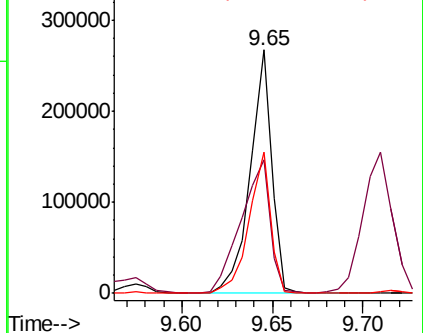
89 57.8 42.9 64.3



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: 45.982 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.04 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

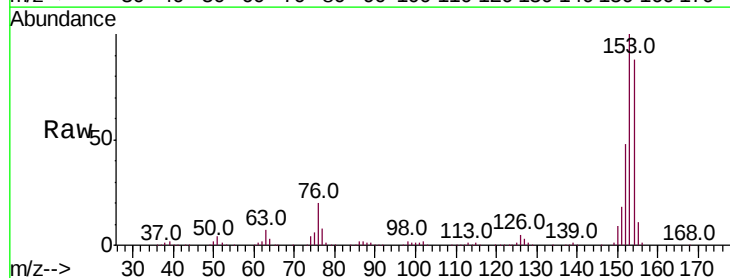
Tgt Ion:154 Resp: 767659

Ion Ratio Lower Upper

154 100

153 113.4 89.4 134.0

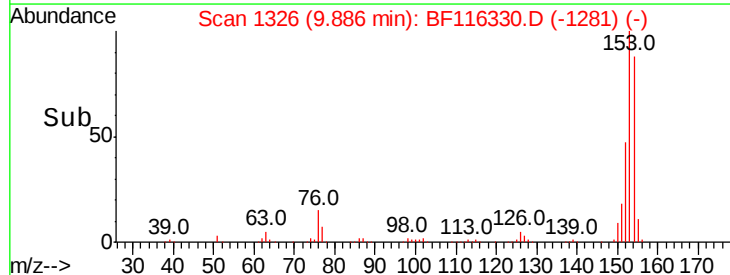
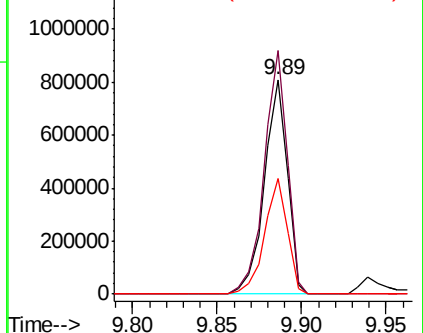
152 54.0 42.3 63.5

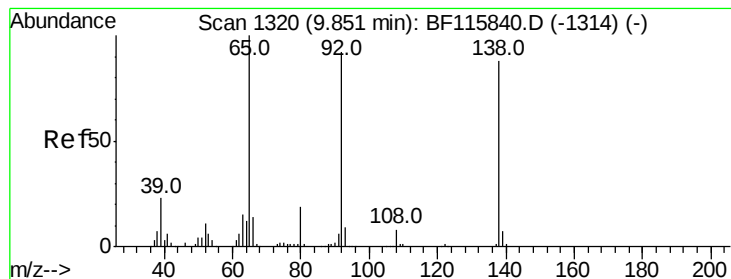


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 17.196 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.03 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

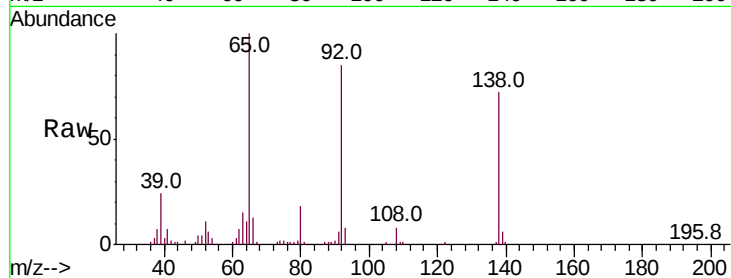
Tot Ion:138 Resp: 99803

Ion Ratio Lower Upper

138 100

108 10.5 8.0 12.0

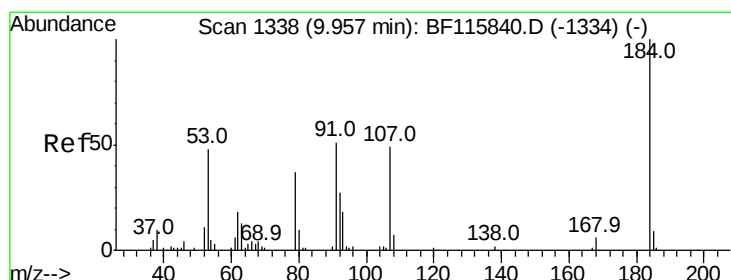
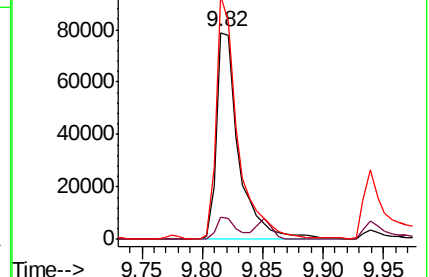
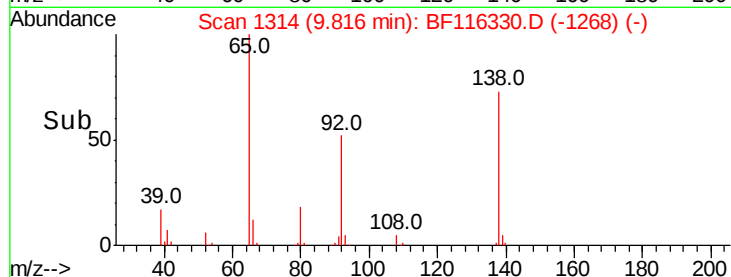
92 117.7 91.0 136.6



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: 63.225 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

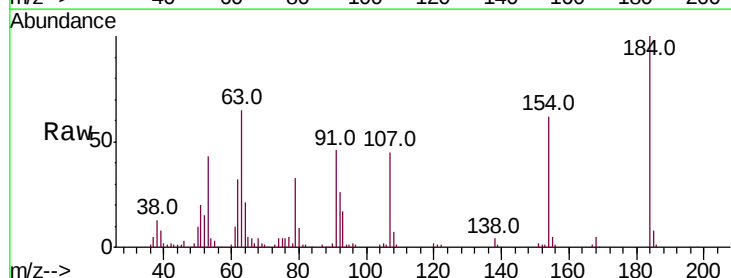
Tgt Ion:184 Resp: 146712

Ion Ratio Lower Upper

184 100

63 65.1 53.0 79.4

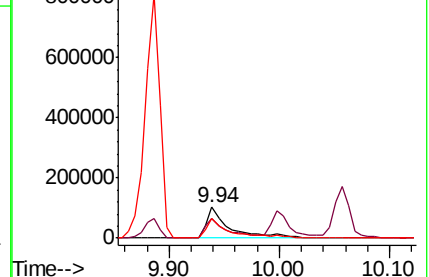
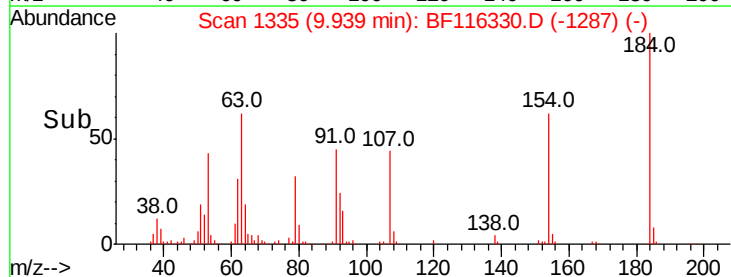
154 62.1 50.1 75.1

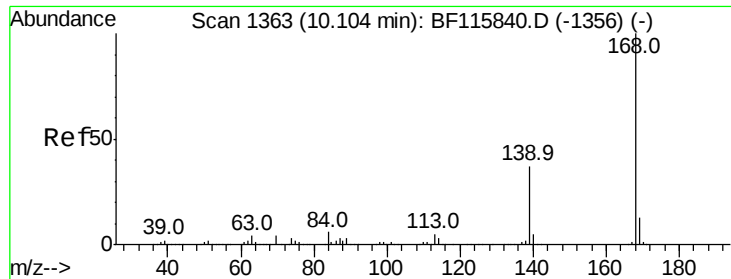


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

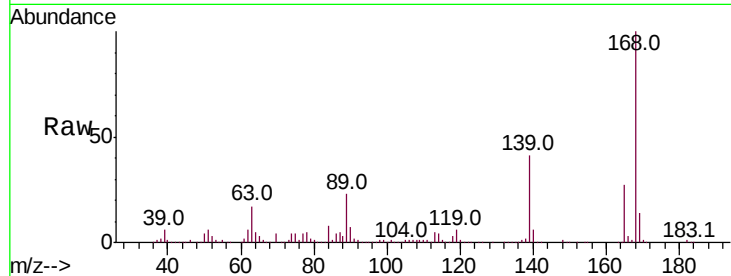




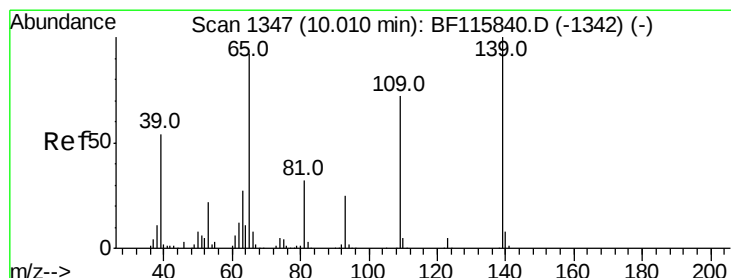
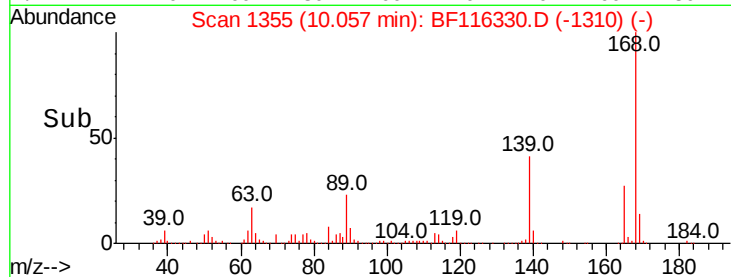
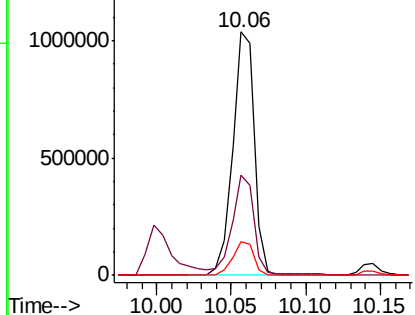
#55
Dibenzenofuran
Concen: 43.504 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.04 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

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

Tot Ion:168 Resp: 1056222
Ion Ratio Lower Upper
168 100
139 41.2 31.4 47.2
169 13.9 10.9 16.3

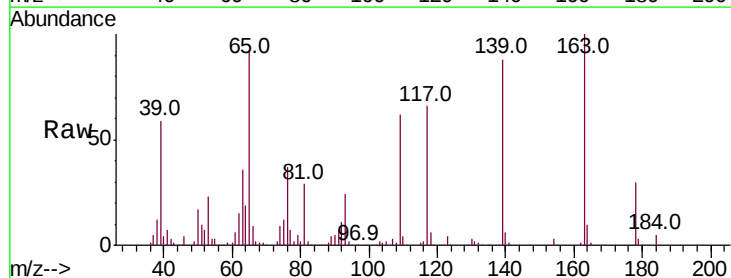


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

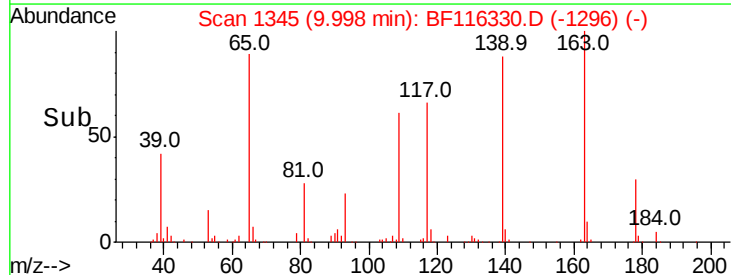
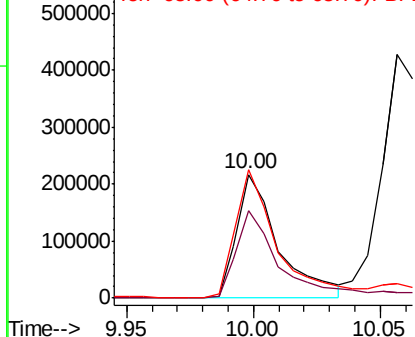


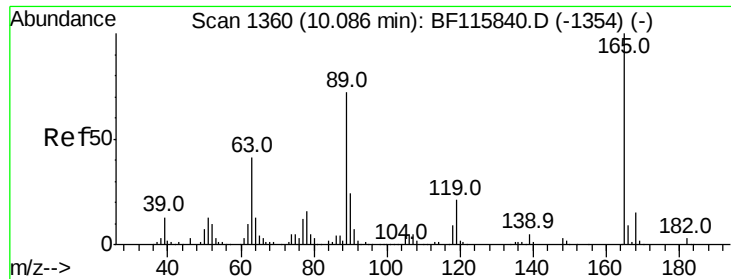
#56
4-Nitrophenol
Concen: 66.935 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

Tgt Ion:139 Resp: 248865
Ion Ratio Lower Upper
139 100
109 70.6 54.4 94.4
65 104.2 80.6 120.6



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

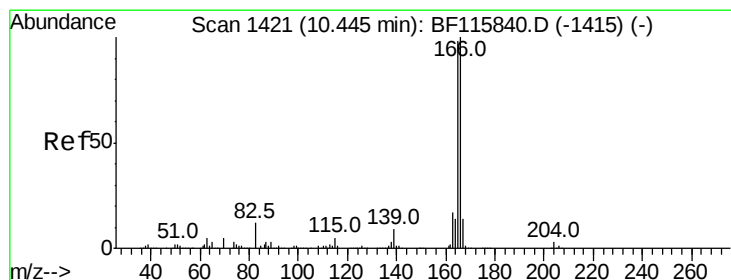
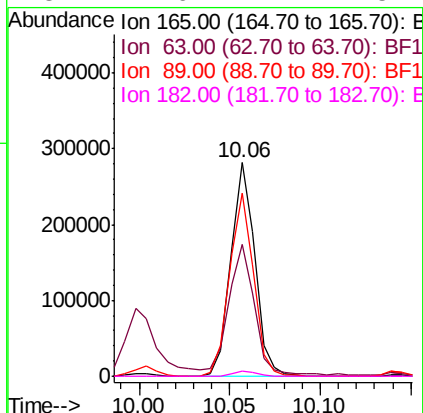
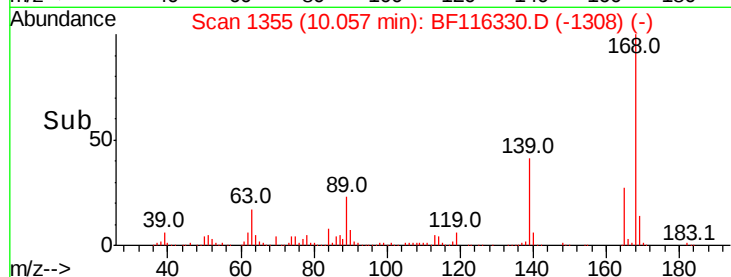
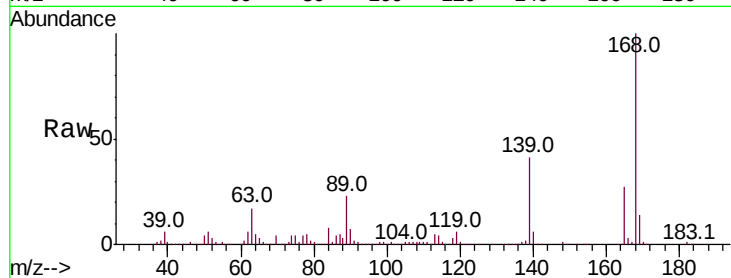




#57
 2,4-Dinitrotoluene
 Concen: 41.710 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.02 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

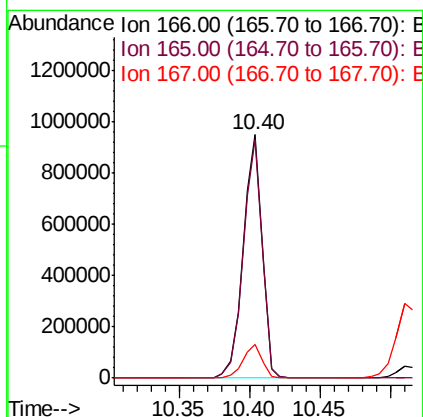
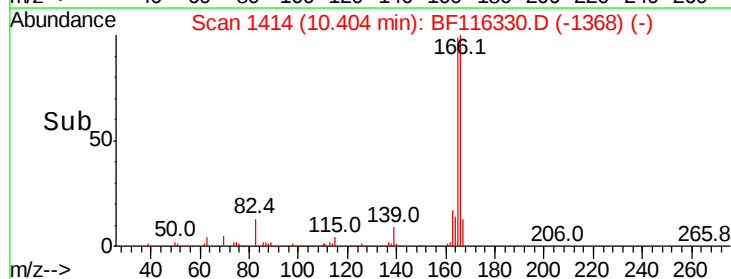
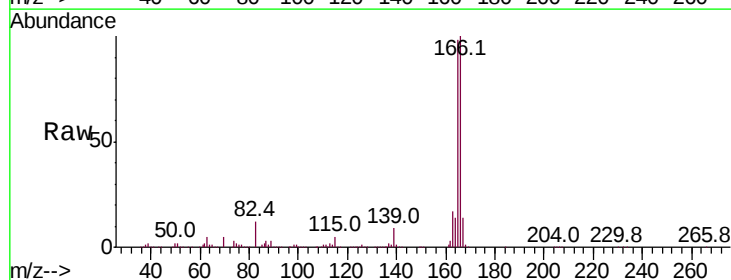
Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMPMS

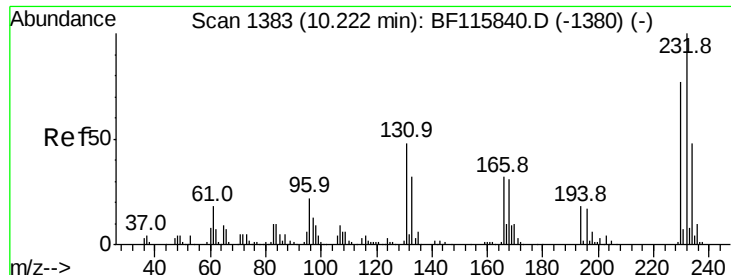
Tot Ion:165	Resp: 260852
Ion Ratio	Lower Upper
165 100	
63 61.7	39.6 59.4#
89 85.5	62.2 93.2
182 2.6	2.1 3.1



#58
 Fluorene
 Concen: 47.226 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.03 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

Tgt	Ion:166	Resp:	882139
Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.4	117.6
167	13.7	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.755 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I(0-1)-COMPMS

Tot Ion:232 Resp: 252760

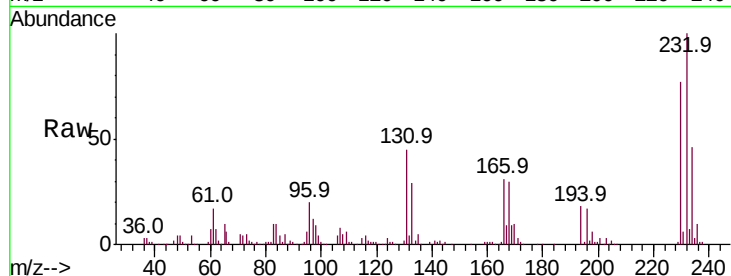
Ion Ratio Lower Upper

232 100

131 42.6 36.2 54.2

130 2.3 1.9 2.9

166 27.9 23.0 34.4

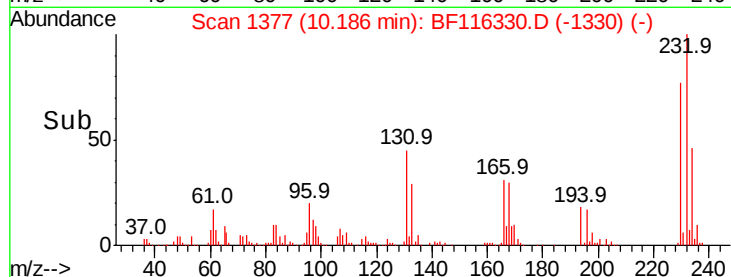


Abundance Ion 232.00 (231.70 to 232.70): E

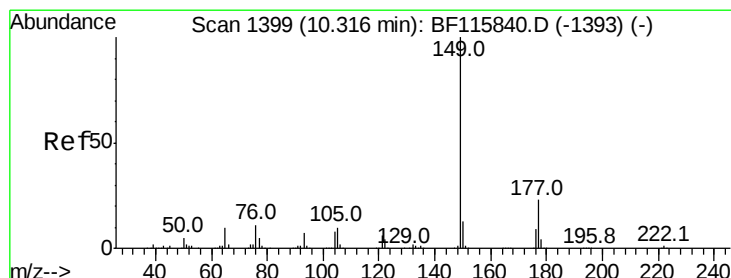
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 46.571 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.03 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

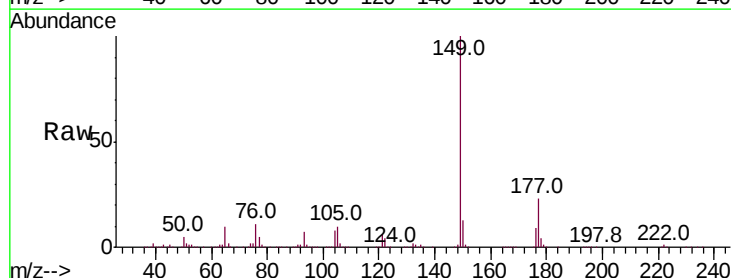
Tgt Ion:149 Resp: 939793

Ion Ratio Lower Upper

149 100

177 23.0 18.8 28.2

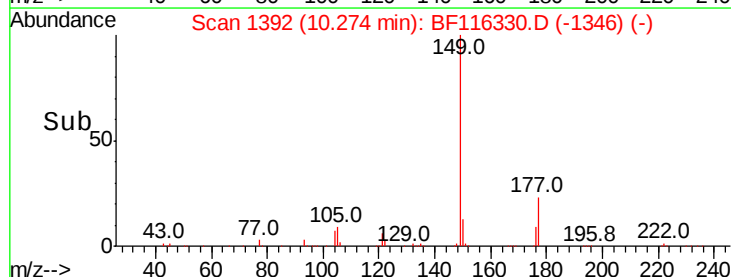
150 12.8 10.2 15.4



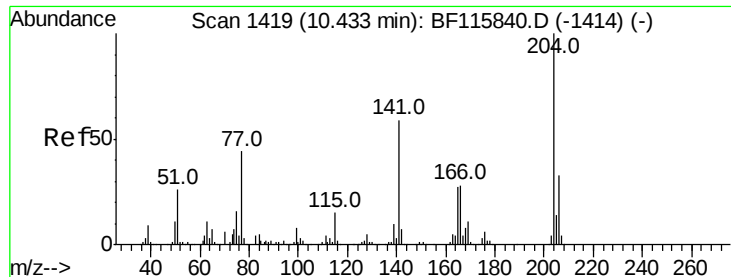
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



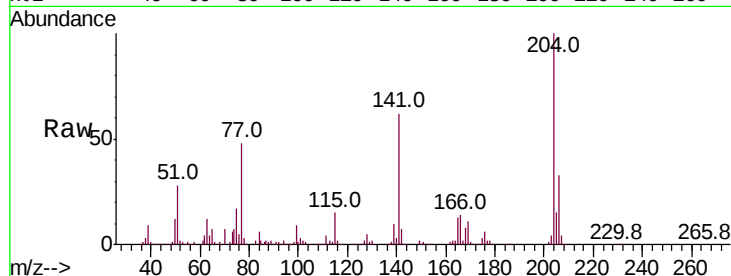
Time-->



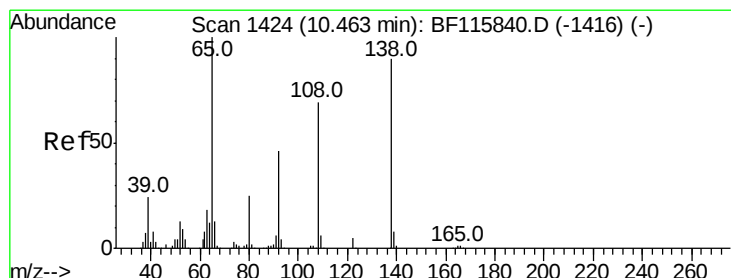
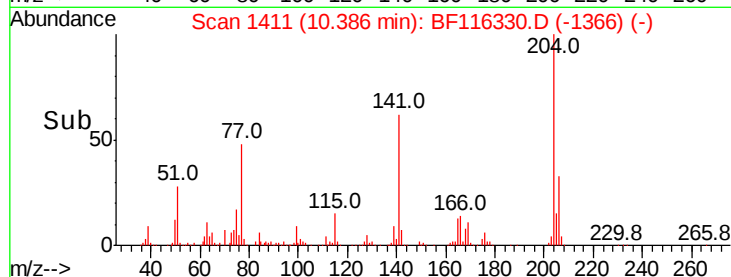
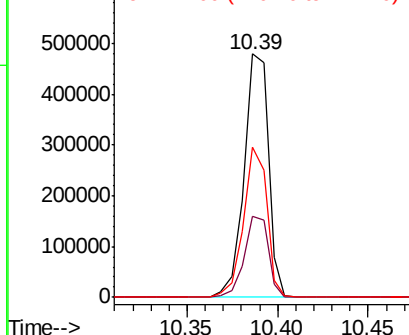
#61
4-Chlorophenyl-phenylether
Concen: 47.322 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.04 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

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

Tot Ion:204 Resp: 447672
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 61.8 46.4 69.6

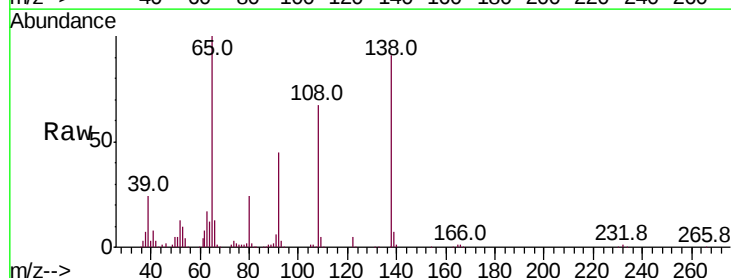


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

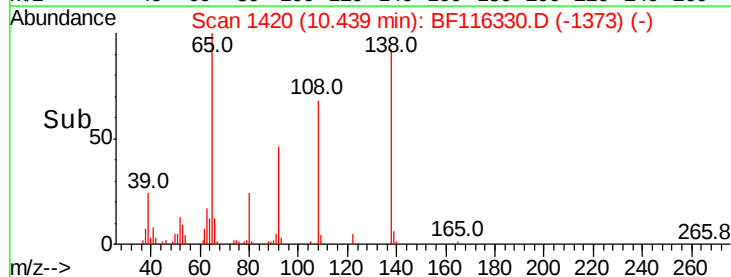
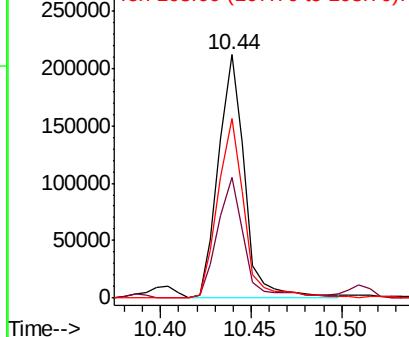


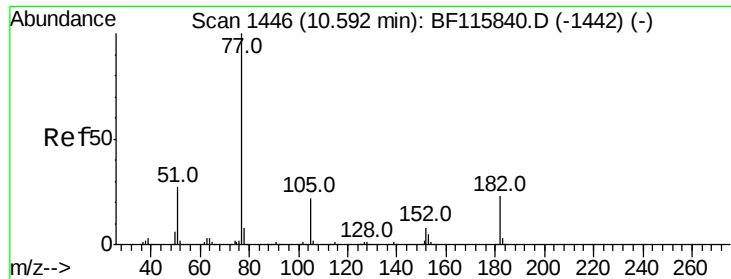
#62
4-Nitroaniline
Concen: 35.461 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

Tgt Ion:138 Resp: 212699
Ion Ratio Lower Upper
138 100
92 49.8 29.0 69.0
108 73.7 54.7 94.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 47.297 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.03 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

Tot Ion: 77 Resp: 981711

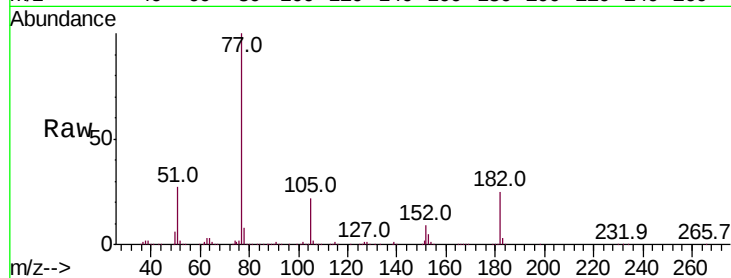
Ion Ratio Lower Upper

77 100

182 24.7 4.0 44.0

105 22.5 2.0 42.0

51 26.6 7.5 47.5

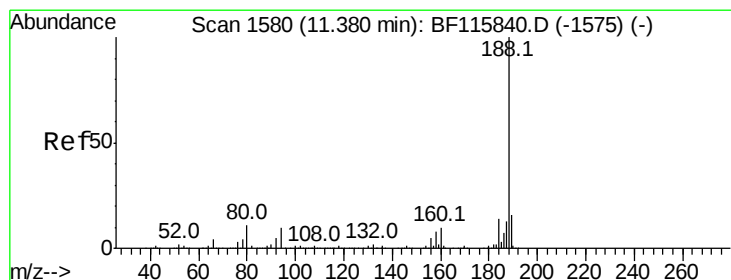
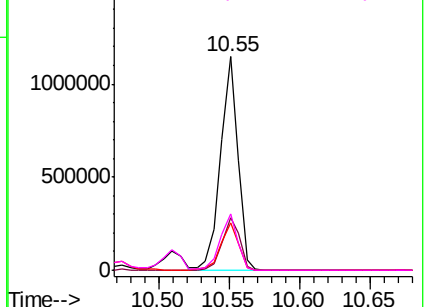
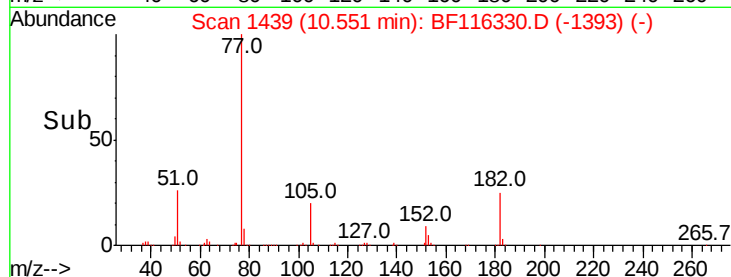


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

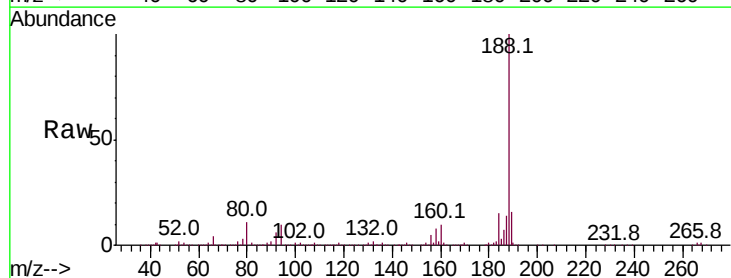
Tgt Ion: 188 Resp: 529127

Ion Ratio Lower Upper

188 100

94 10.2 8.1 12.1

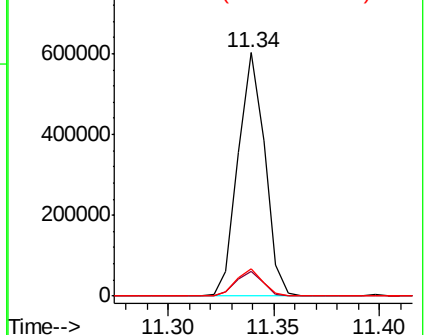
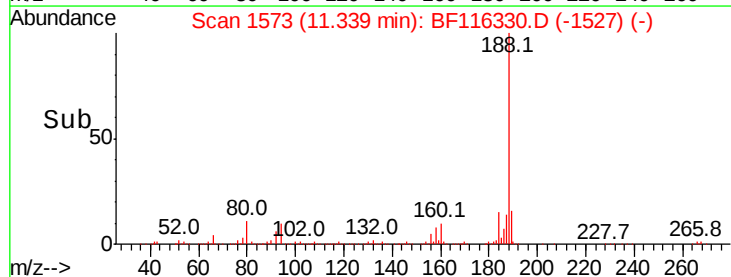
80 11.2 8.7 13.1

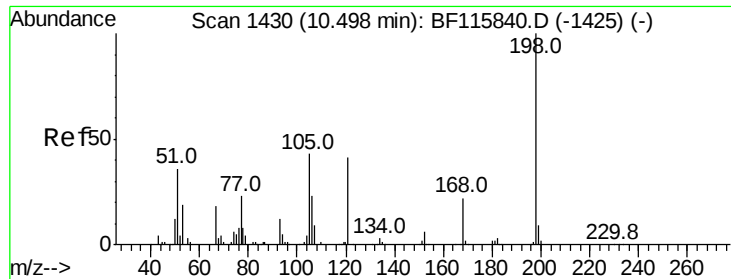


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

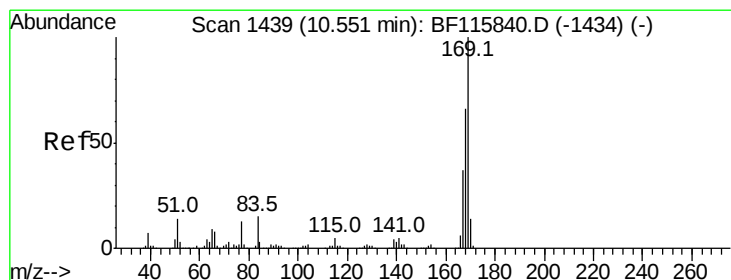
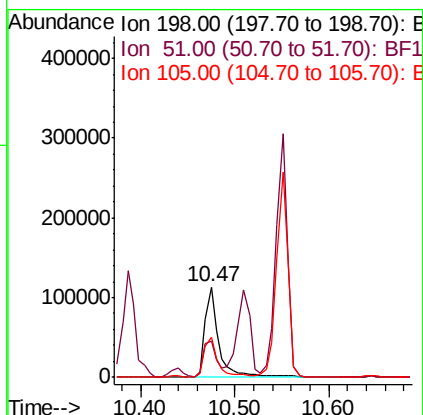
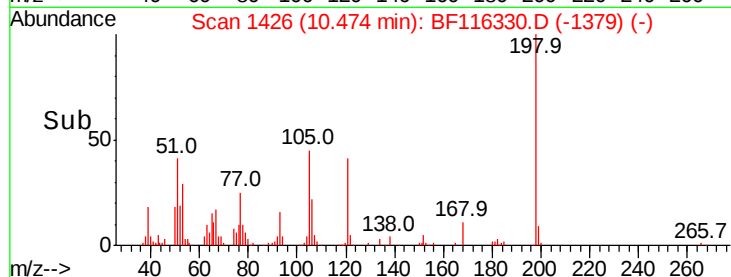
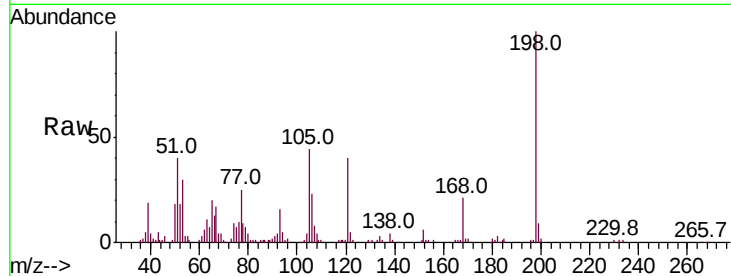




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.912 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

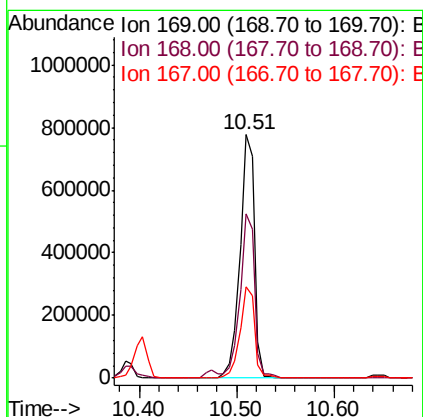
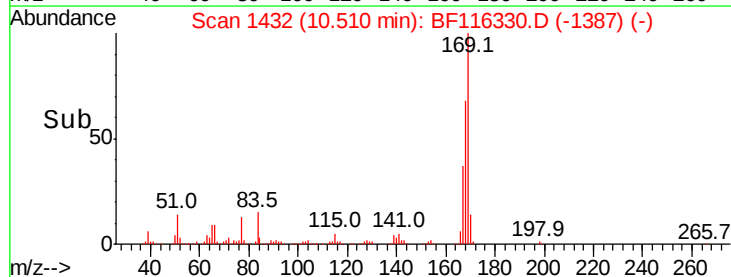
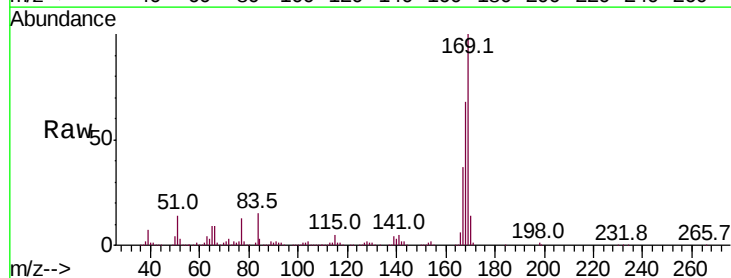
Instrument :
 BNA_F
 ClientSampleId :
 1S-I(0-1)-COMPMS

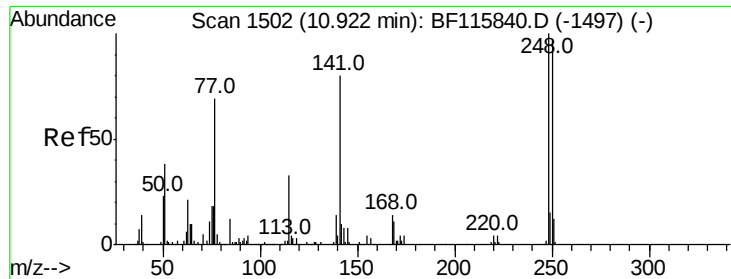
Tot Ion:198 Resp: 117522
 Ion Ratio Lower Upper
 198 100
 51 40.1 17.0 57.0
 105 43.9 21.6 61.6



#66
 n-Nitrosodiphenylamine
 Concen: 50.195 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.04 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

Tgt Ion:169 Resp: 799417
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.8 80.6
 167 37.4 29.6 44.4

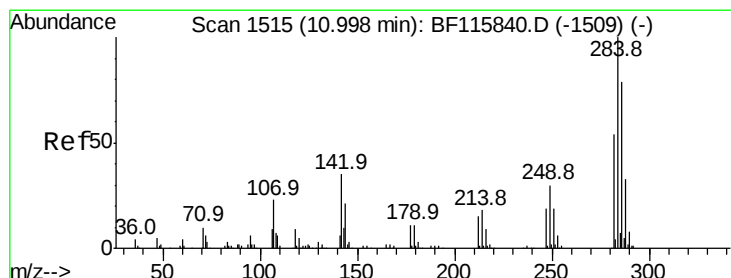
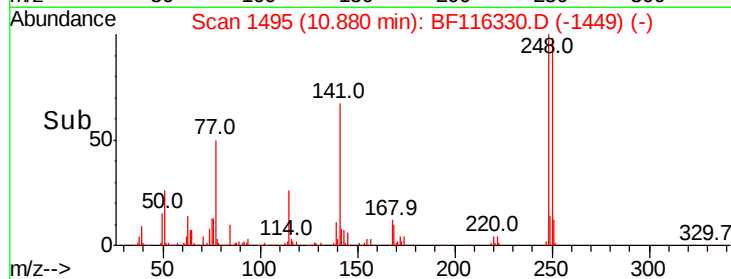
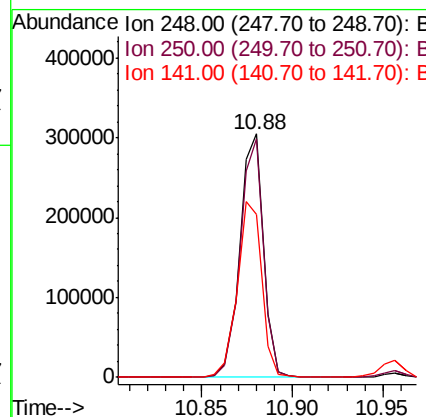
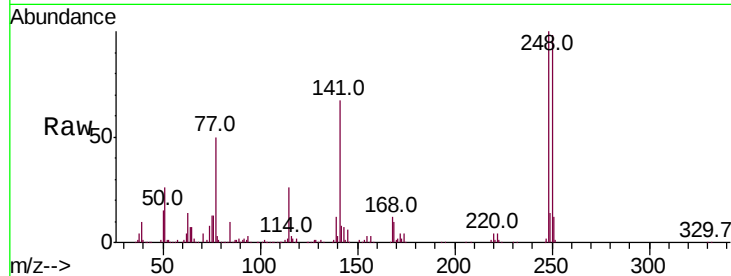




#67
4-Bromophenyl-phenylether
Concen: 48.770 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.03 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

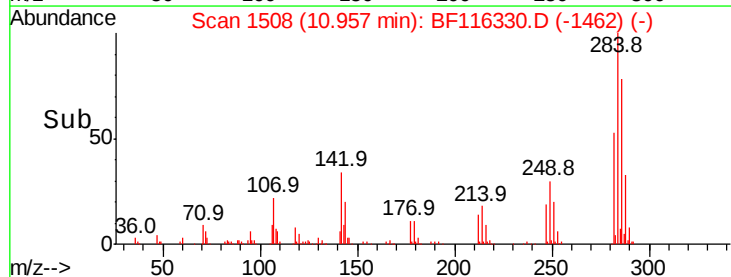
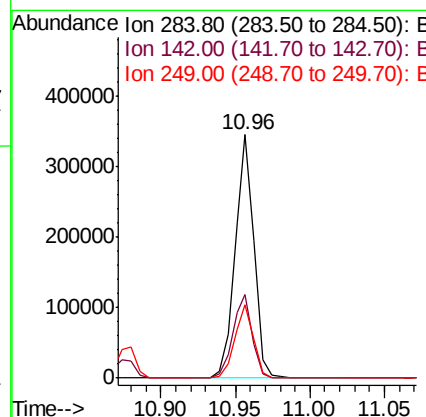
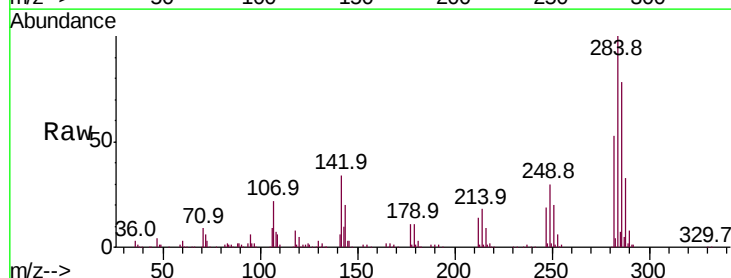
Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMPMS

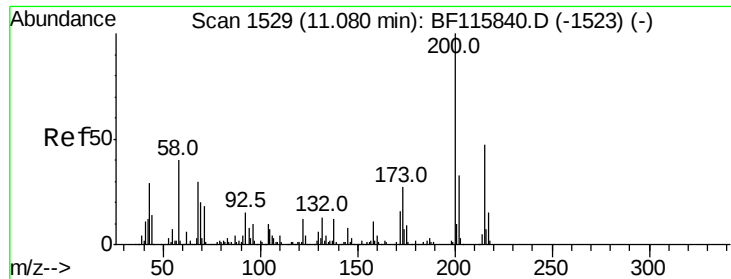
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.4	116.2
141	66.8	56.8	85.2



#68
Hexachlorobenzene
Concen: 46.813 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.03 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.4	42.6
249	30.2	24.5	36.7





#69

Atrazine

Concen: 48.112 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.03 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I(0-1)-COMPMS

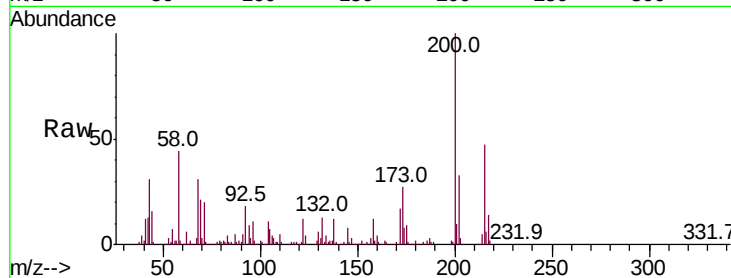
Tot Ion:200 Resp: 252076

Ion Ratio Lower Upper

200 100

173 27.4 6.8 46.8

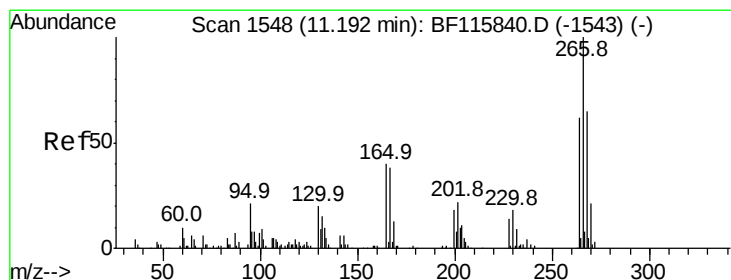
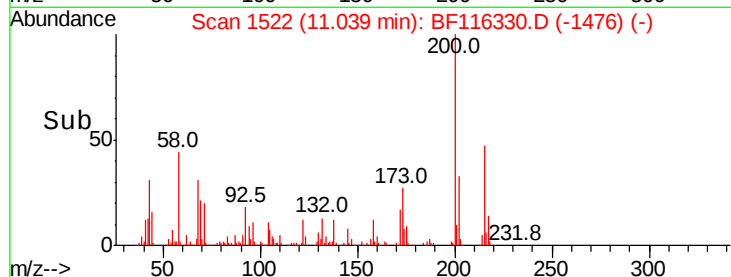
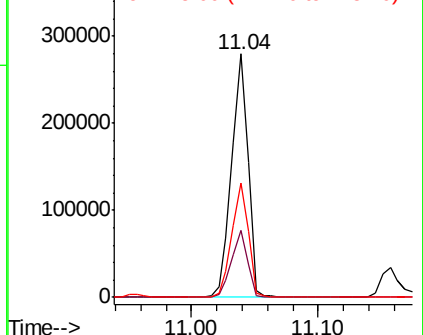
215 46.7 27.5 67.5



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: 77.711 ng

RT: 11.16 min Scan# 1542

Delta R.T. -0.02 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

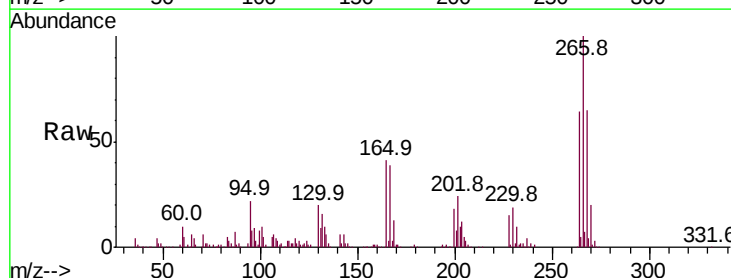
Tgt Ion:266 Resp: 247116

Ion Ratio Lower Upper

266 100

268 64.8 48.8 73.2

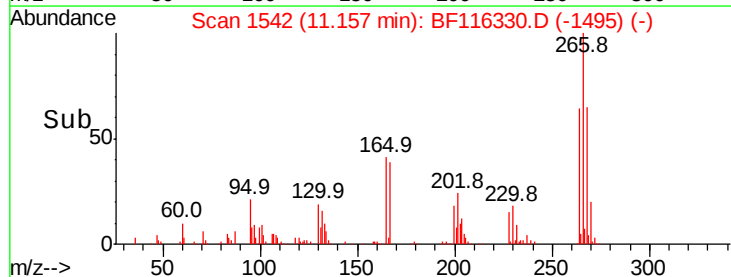
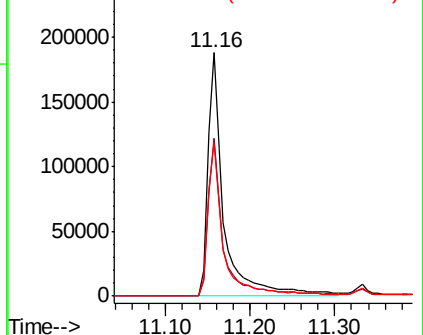
264 63.5 50.6 76.0

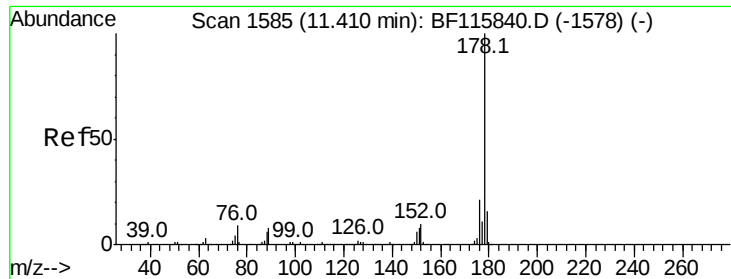


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

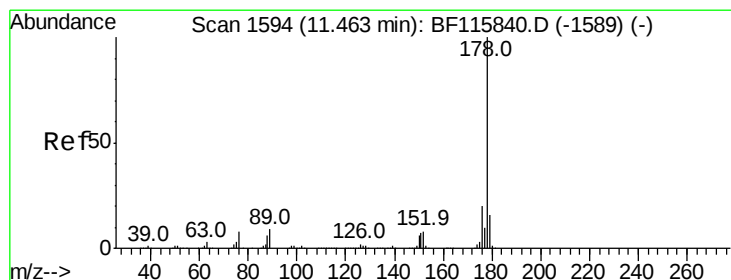
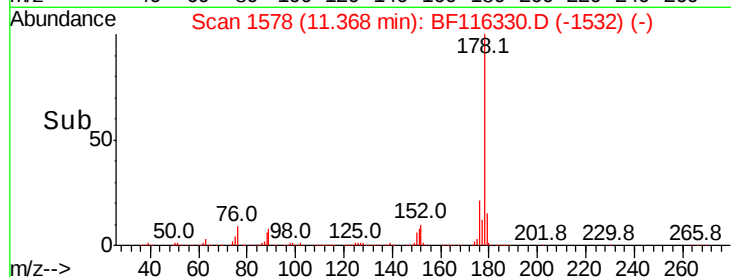
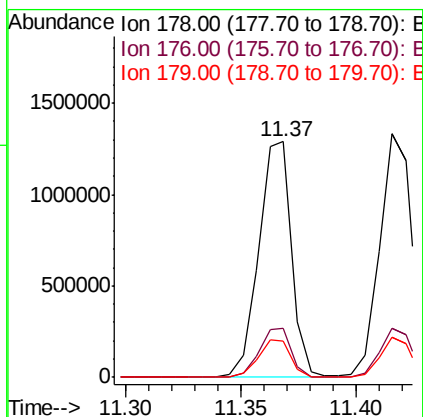
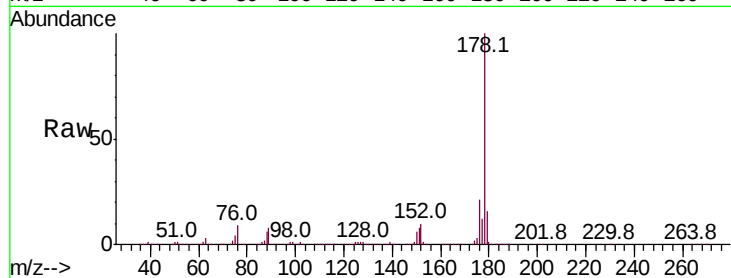




#71
Phenanthrene
Concen: 47.224 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.03 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

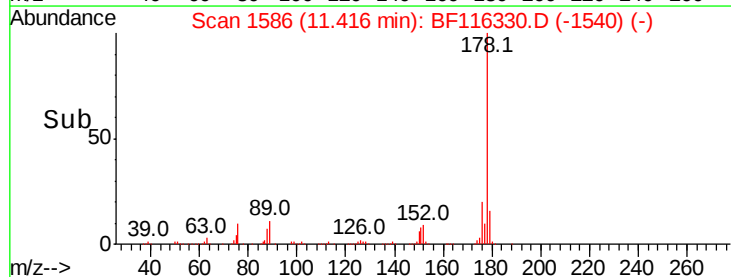
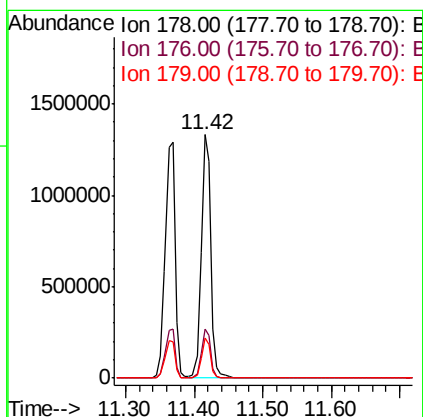
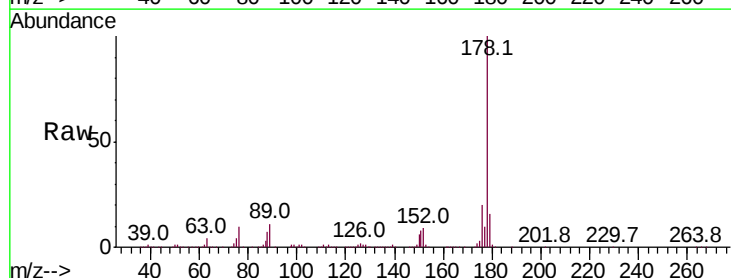
Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMPMS

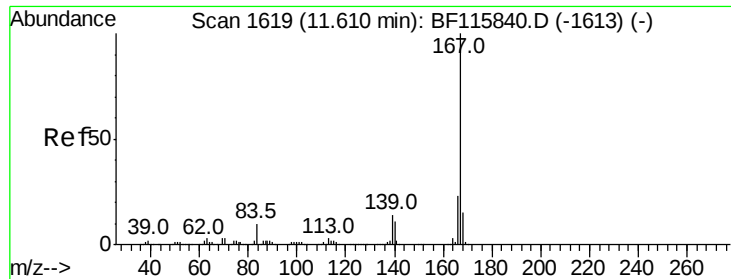
Tot Ion:178 Resp: 1277418
Ion Ratio Lower Upper
178 100
176 20.5 16.6 24.8
179 15.5 12.5 18.7



#72
Anthracene
Concen: 48.273 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.03 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

Tgt Ion:178 Resp: 1321531
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 16.3 13.0 19.6





#73

Carbazole

Concen: 48.004 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

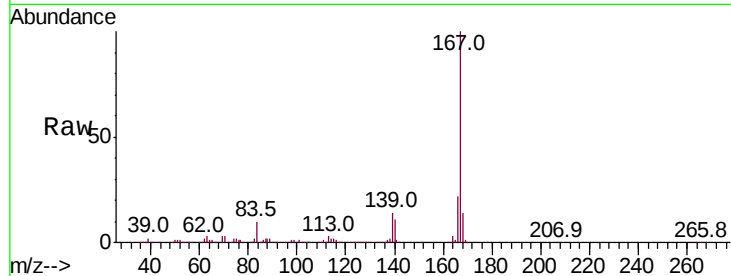
Tot Ion:167 Resp: 1192260

Ion Ratio Lower Upper

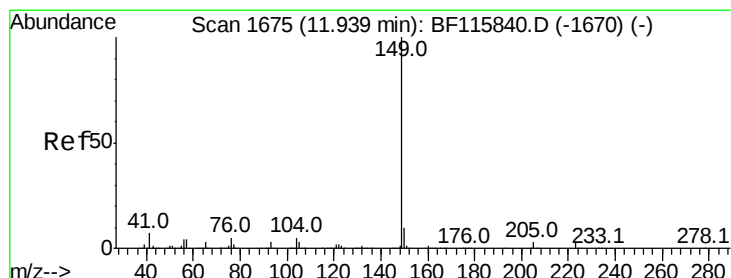
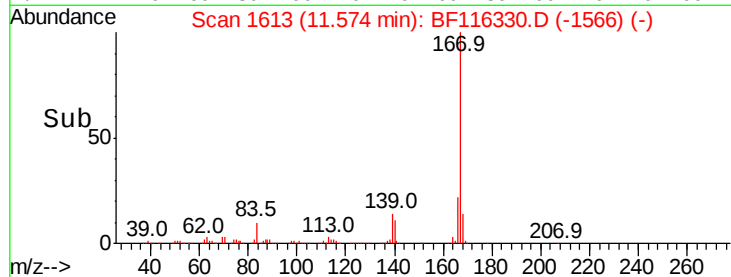
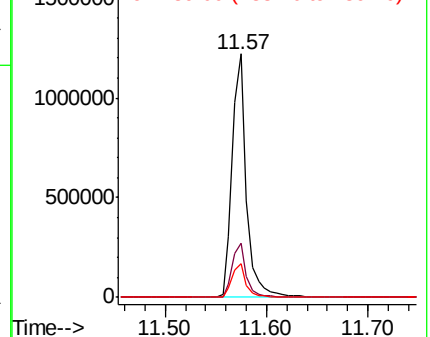
167 100

166 22.4 17.8 26.6

139 13.7 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: 49.552 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.03 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

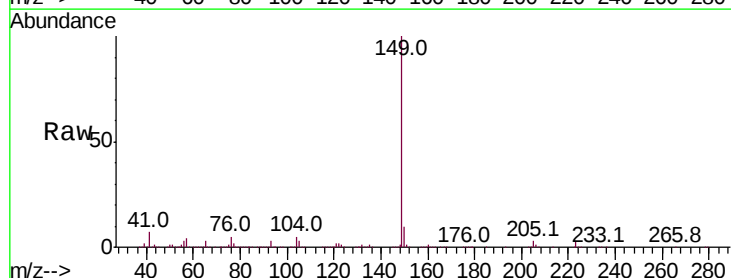
Tgt Ion:149 Resp: 1435691

Ion Ratio Lower Upper

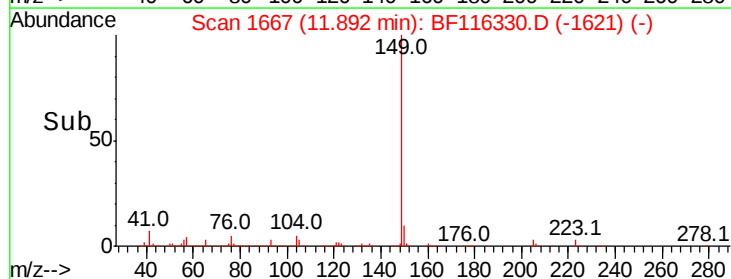
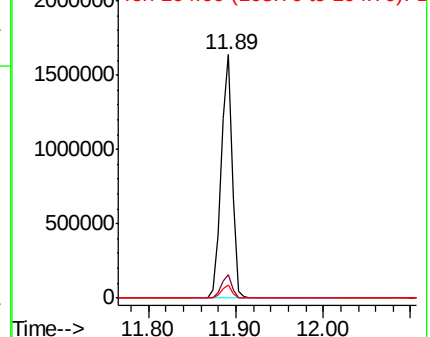
149 100

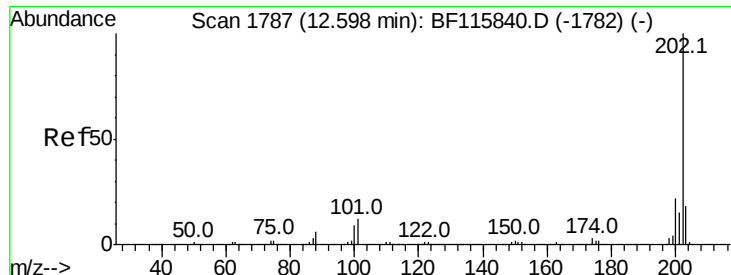
150 9.7 8.0 12.0

104 5.3 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

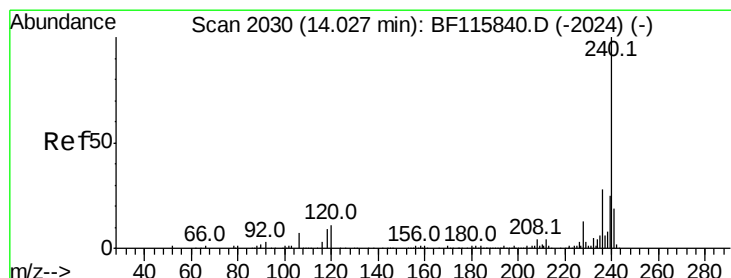
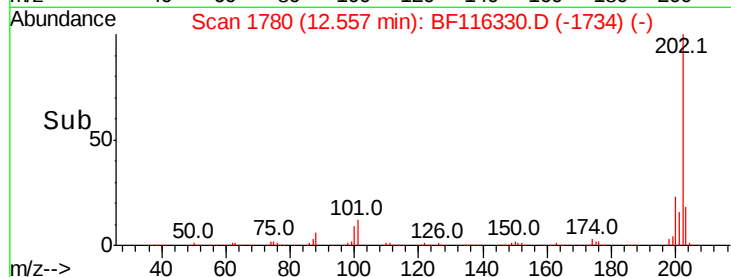
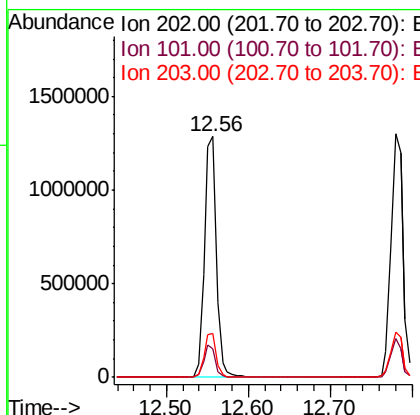
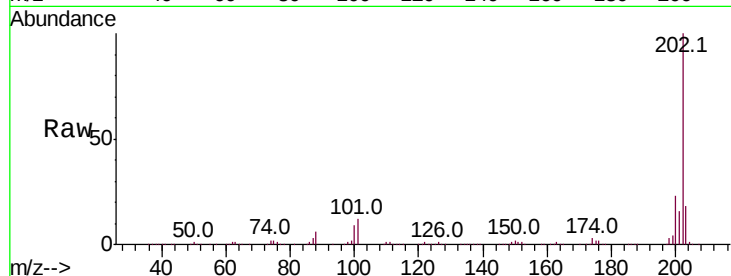




#75
 Fluoranthene
 Concen: 46.137 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.03 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

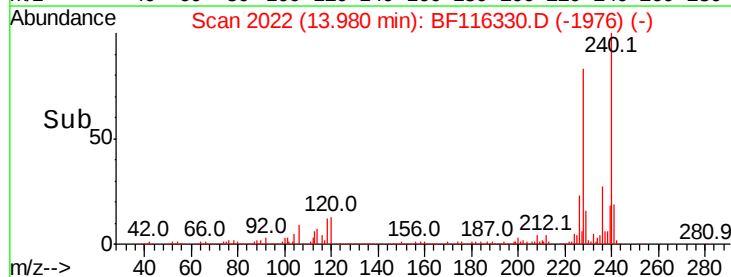
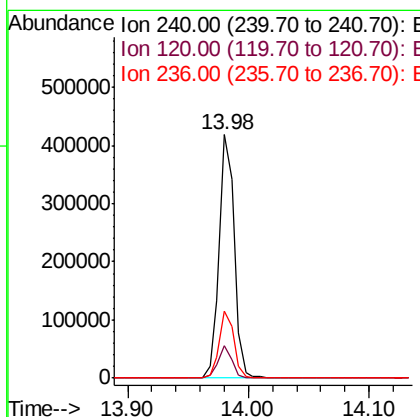
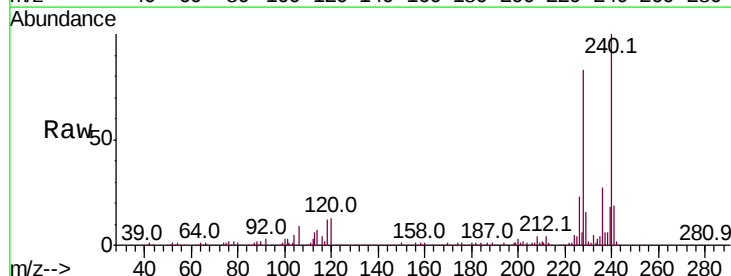
Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMPMS

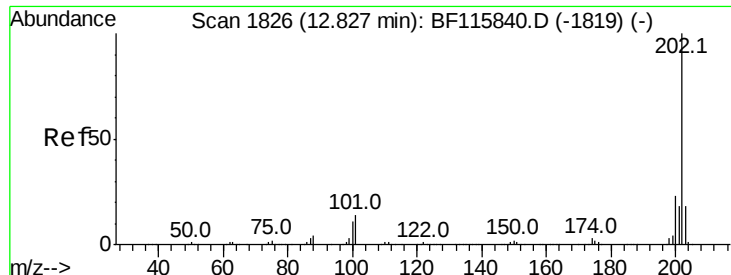
Tot Ion:202 Resp: 1306553
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 31.2
 203 18.1 0.0 37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

Tgt Ion:240 Resp: 357682
 Ion Ratio Lower Upper
 240 100
 120 13.1 10.7 16.1
 236 27.4 22.2 33.2

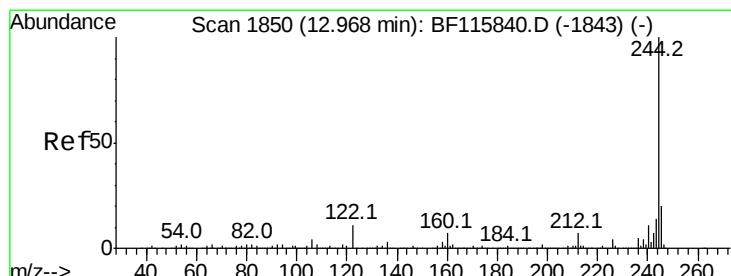
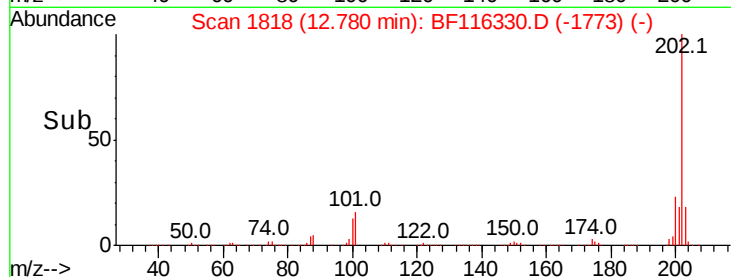
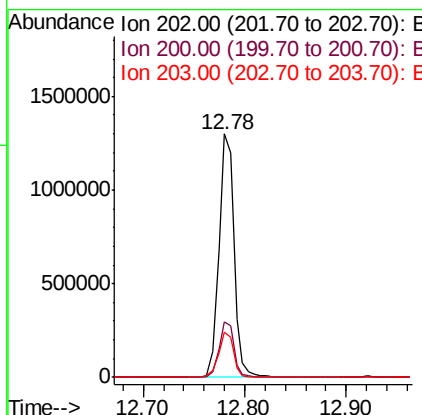
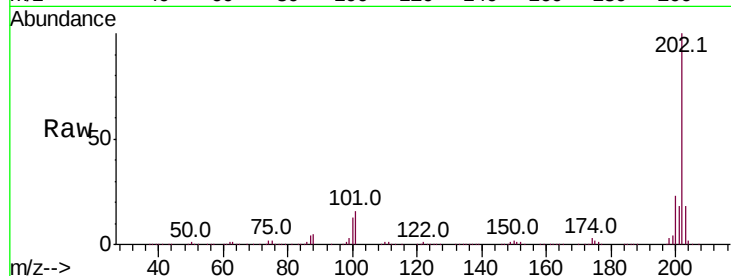




#78
Pvrene
Concen: 49.651 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.04 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

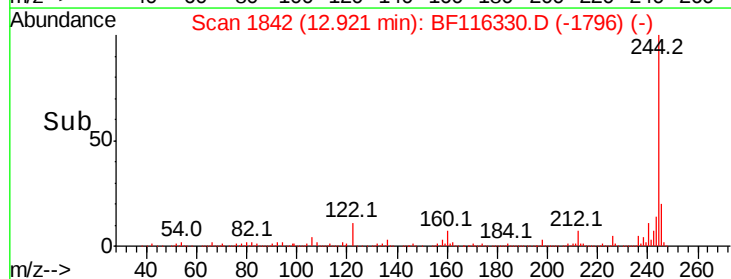
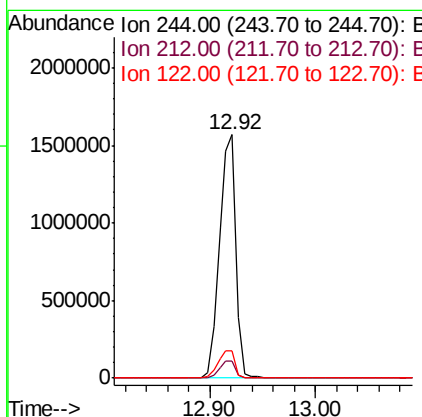
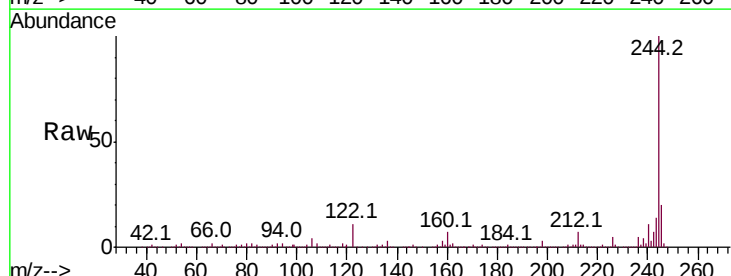
Instrument :
BNA_F
ClientSampleId :
1S-I-(0-1)-COMPMS

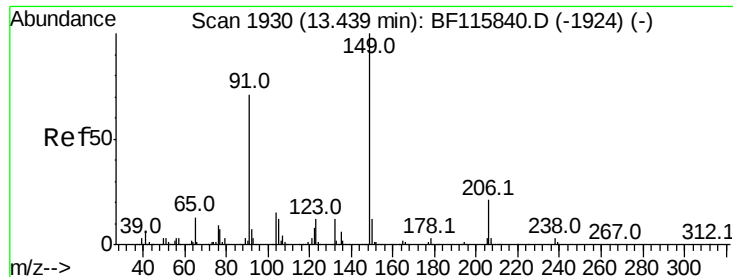
Tot Ion:202 Resp: 1338726
Ion Ratio Lower Upper
202 100
200 22.7 18.0 27.0
203 18.3 14.1 21.1



#79
Terphenyl-d14
Concen: 100.392 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.03 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

Tgt Ion:244 Resp: 1704109
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 11.0 9.0 13.4

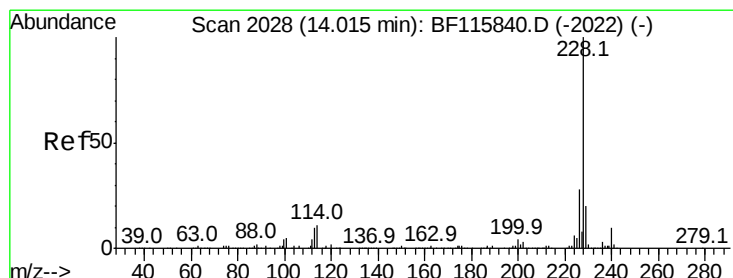
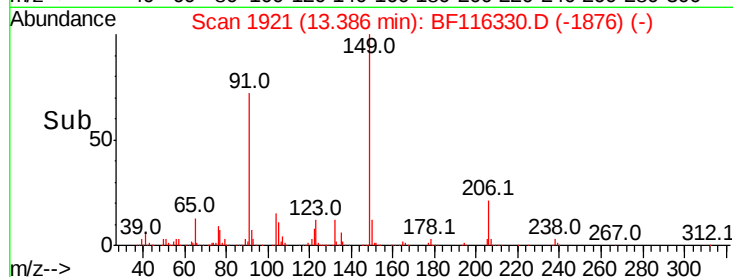
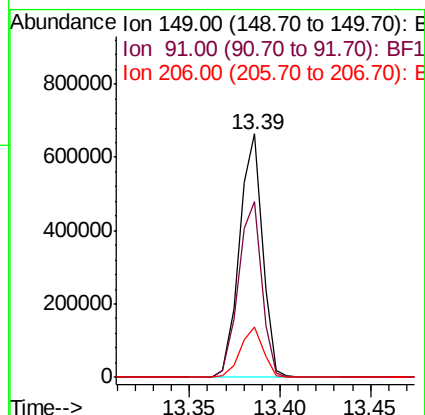
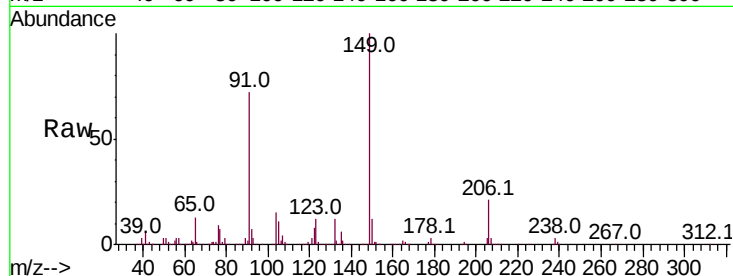




#80
Butylbenzylphthalate
Concen: 51.501 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.04 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

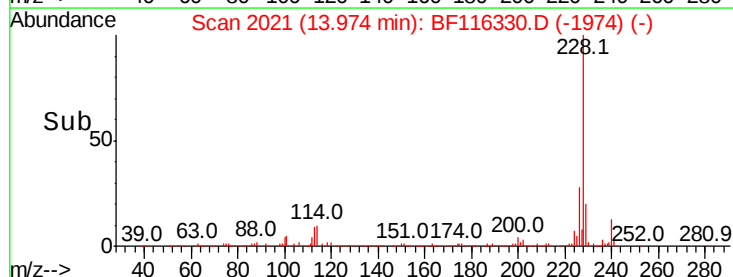
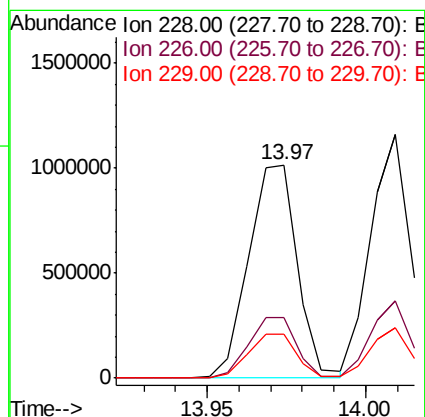
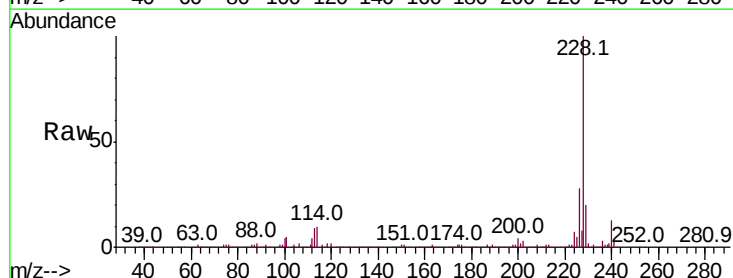
Instrument :
BNA_F
ClientSampleId :
1S-I(0-1)-COMPMS

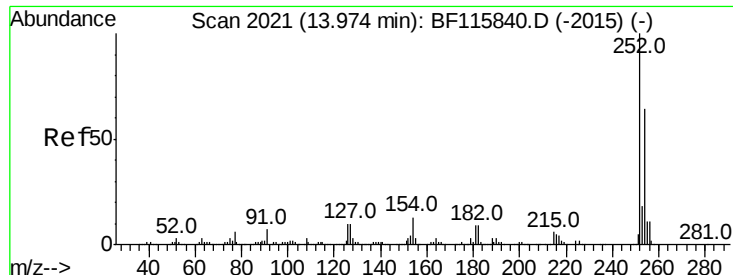
Tot Ion:149 Resp: 587384
Ion Ratio Lower Upper
149 100
91 72.0 56.3 84.5
206 20.9 18.0 27.0



#81
Benzo(a)anthracene
Concen: 47.200 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF116330.D
Acq: 16 Aug 2019 21:00

Tgt Ion:228 Resp: 1079079
Ion Ratio Lower Upper
228 100
226 28.5 22.7 34.1
229 20.3 16.2 24.4

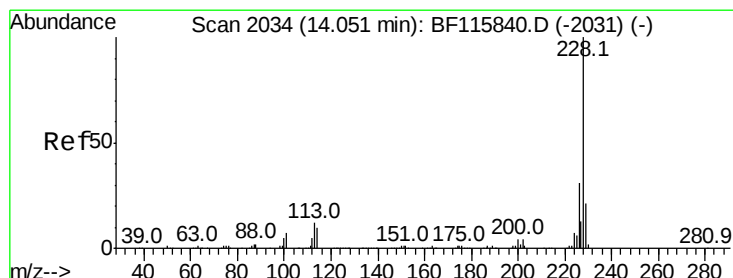
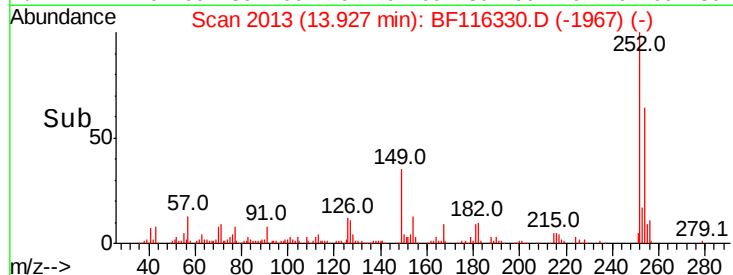
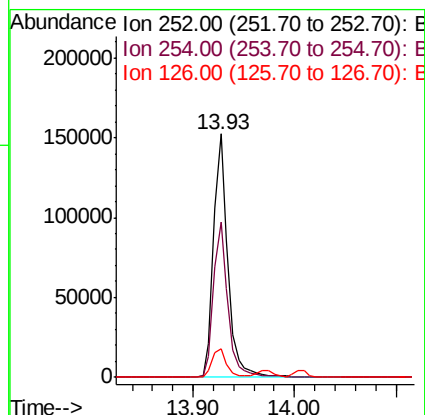
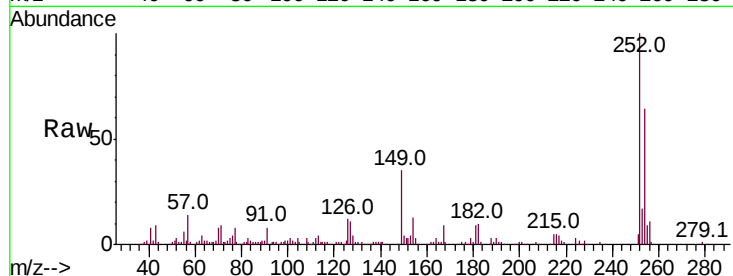




#82
 3,3'-Dichlorobenzidine
 Concen: 18.962 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.03 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

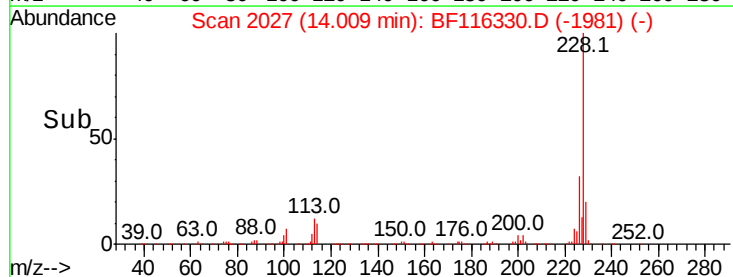
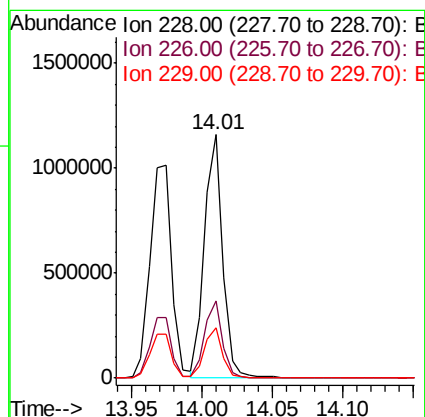
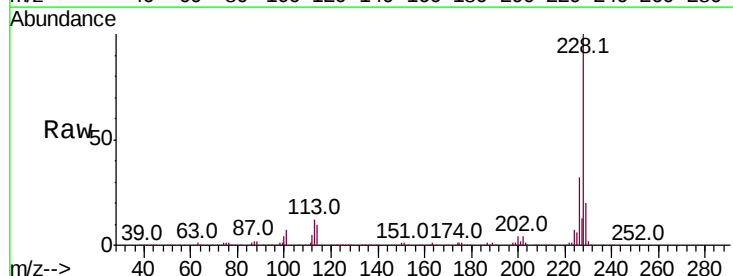
Instrument :
 BNA_F
 ClientSampleId :
 1S-I(0-1)-COMPMS

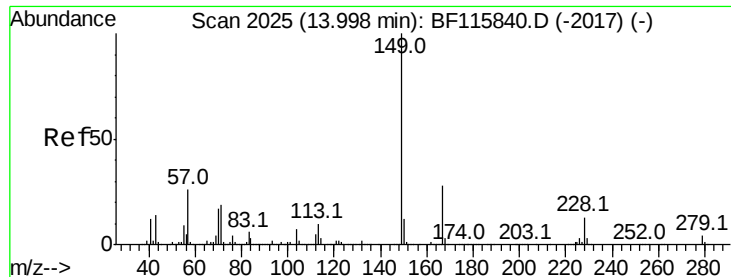
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.9	76.3
126	11.9	9.8	14.8



#83
 Chrysene
 Concen: 47.030 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.03 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.5	38.3
229	20.4	16.6	24.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 53.598 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.04 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

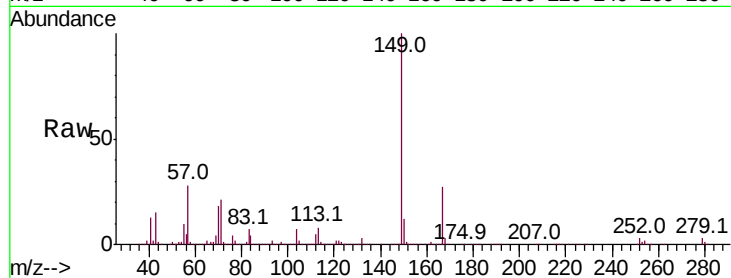
BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

Tot Ion:149 Resp: 794386

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.6	32.4
279	3.5	3.0	4.4

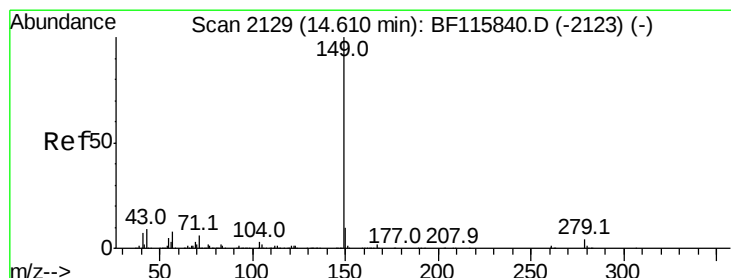
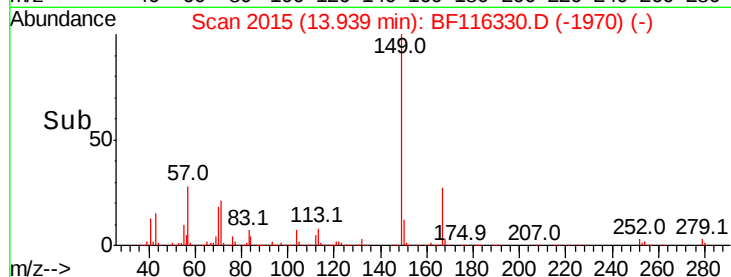
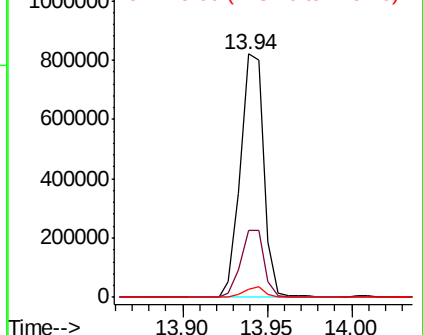


Abundance

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: 52.148 ng

RT: 14.55 min Scan# 2119

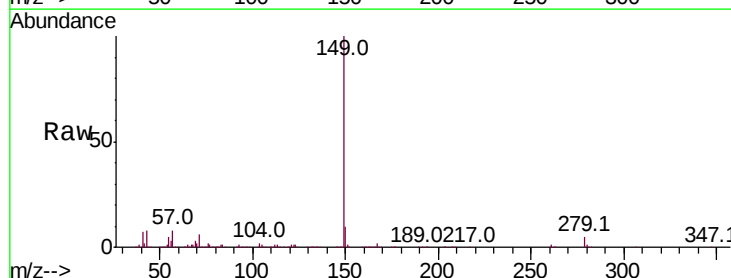
Delta R.T. -0.04 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Tgt Ion:149 Resp: 1227640

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.4	2.0
43	9.0	7.5	11.3

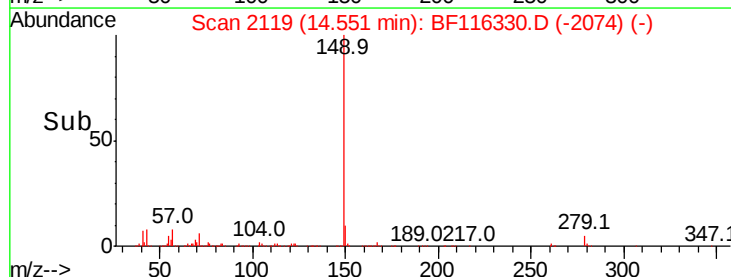
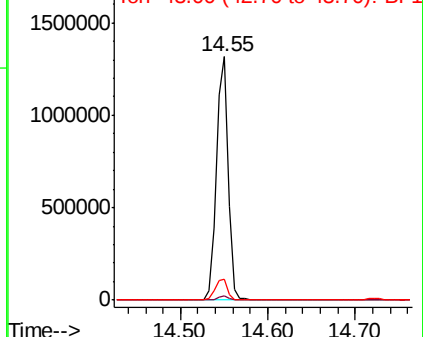


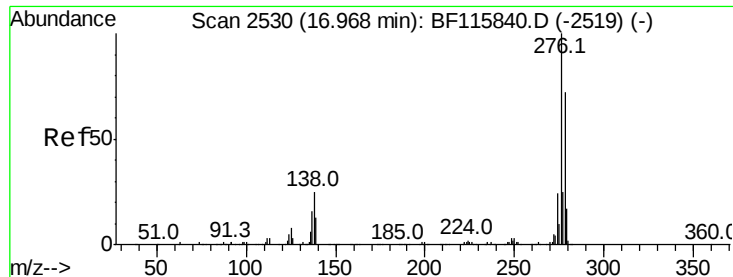
Abundance

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

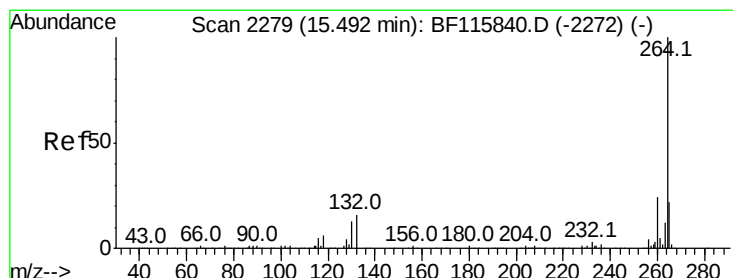
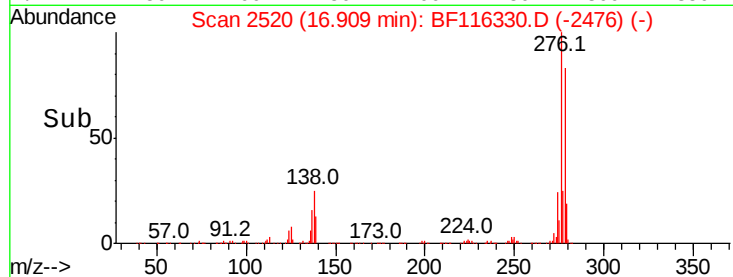
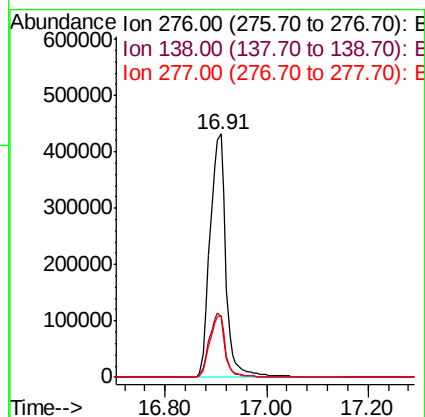
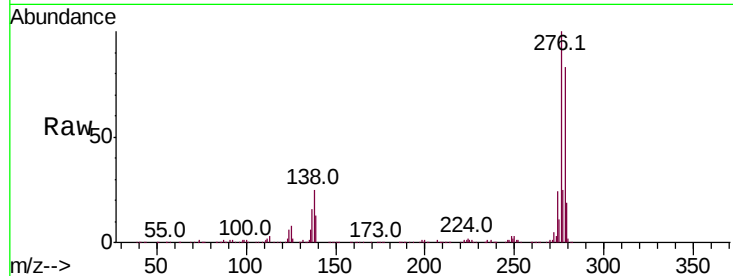




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 50.665 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. -0.04 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

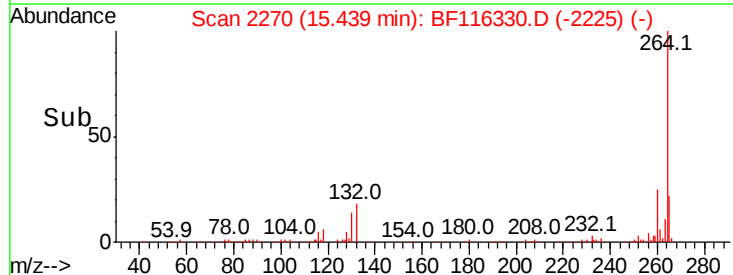
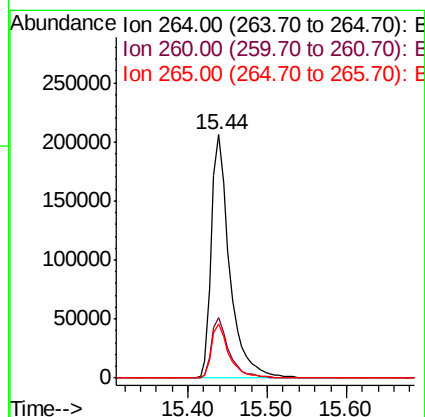
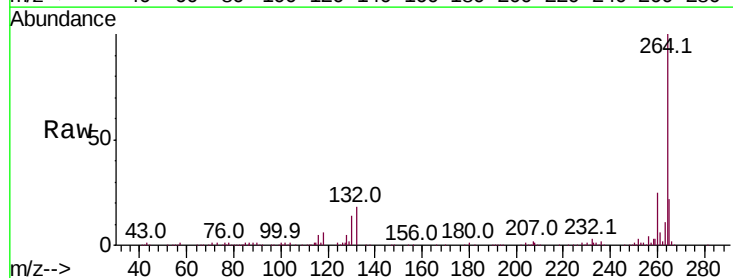
Instrument :
 BNA_F
 ClientSampleId :
 1S-I-(0-1)-COMPMS

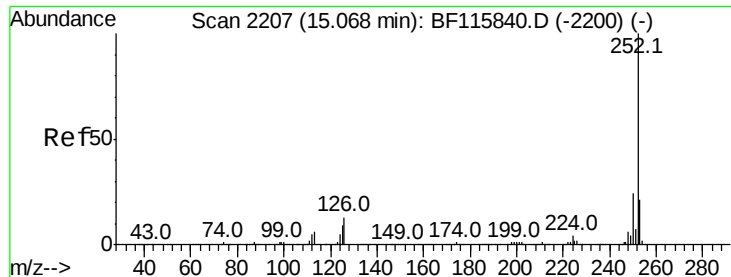
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.4	30.6
277	25.3	20.0	30.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BF116330.D
 Acq: 16 Aug 2019 21:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	22.0	17.4	26.0





#88

Benzo(b)fluoranthene

Concen: 46.183 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.04 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

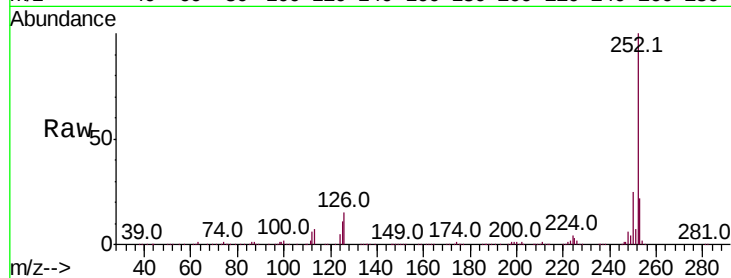
Tot Ion:252 Resp: 888803

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

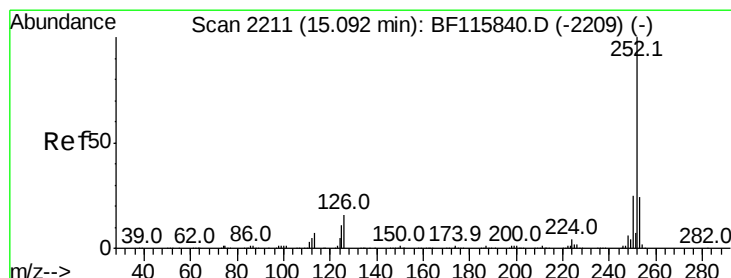
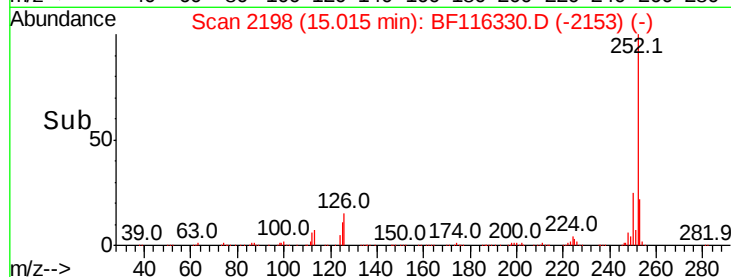
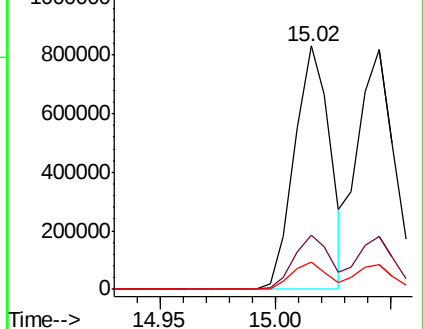
125 11.3 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 50.490 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.04 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

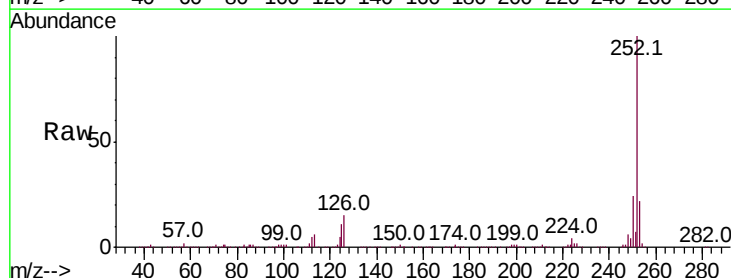
Tgt Ion:252 Resp: 946433

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

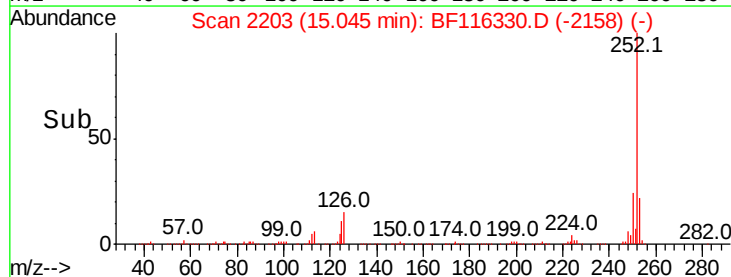
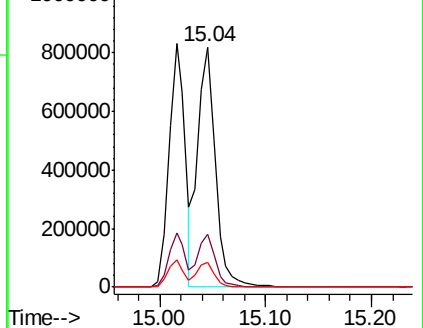
125 10.6 7.7 11.5

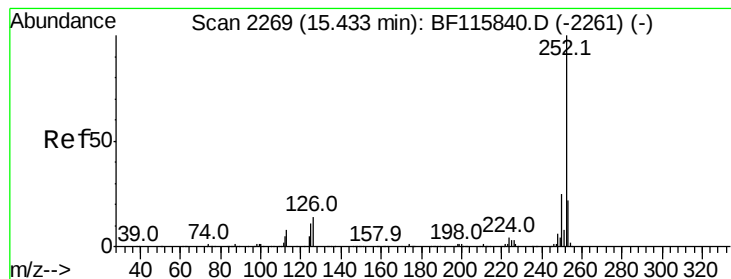


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 50.987 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.04 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

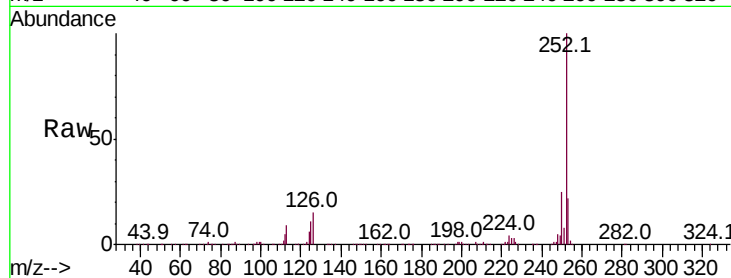
Tot Ion:252 Resp: 877173

Ion Ratio Lower Upper

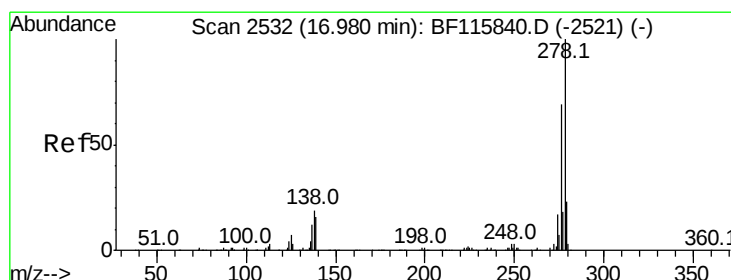
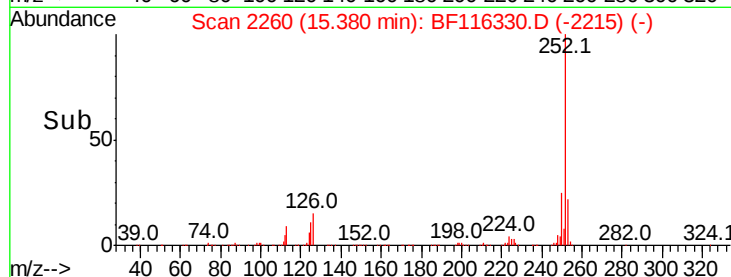
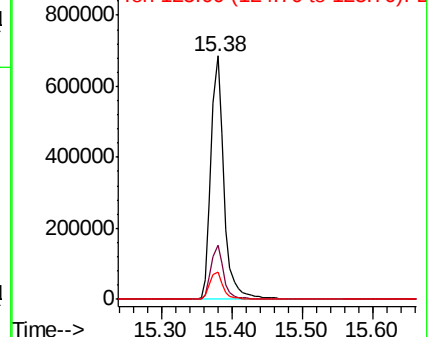
252 100

253 22.3 18.0 27.0

125 11.5 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 53.536 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.05 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

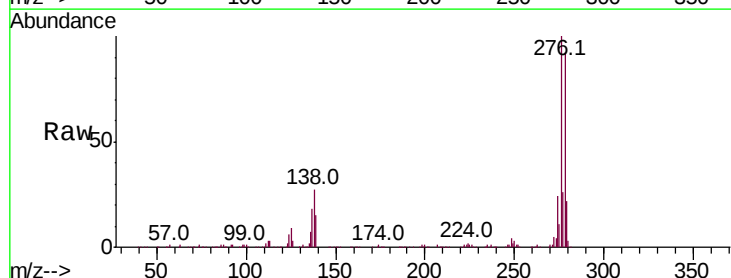
Tgt Ion:278 Resp: 797233

Ion Ratio Lower Upper

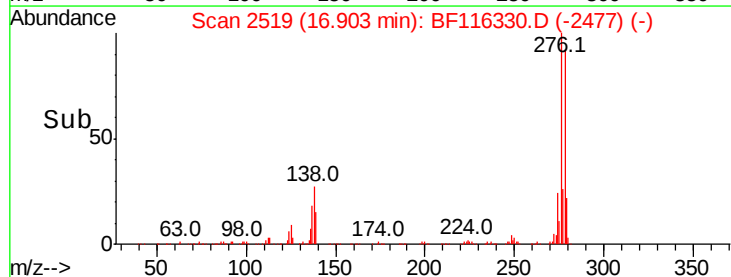
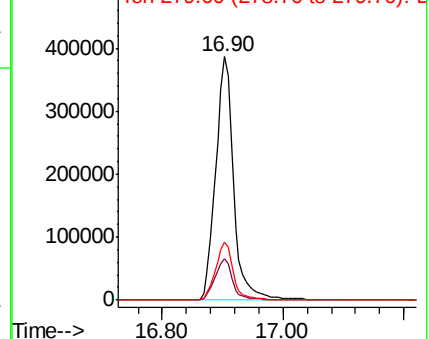
278 100

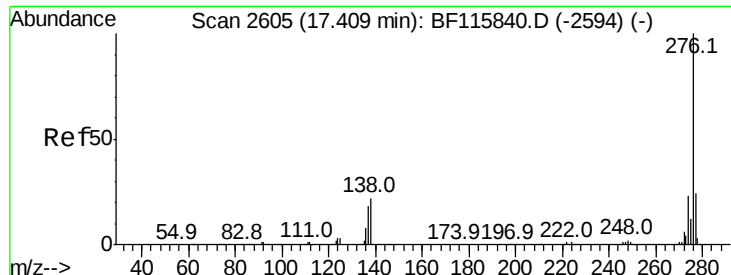
139 16.8 12.8 19.2

279 24.0 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(a,h,i)perylene

Concen: 54.600 ng

RT: 17.34 min Scan# 2594

Delta R.T. -0.04 min

Lab File: BF116330.D

Acq: 16 Aug 2019 21:00

Instrument :

BNA_F

ClientSampleId :

1S-I-(0-1)-COMPMS

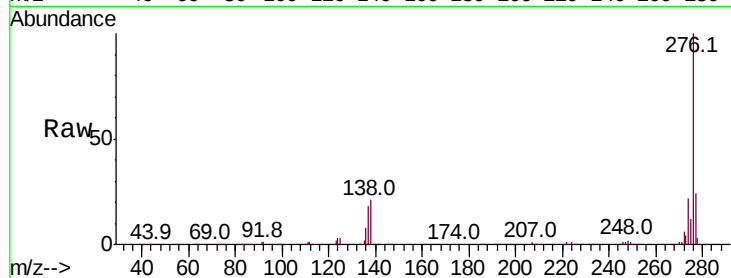
Tot Ion:276 Resp: 798531

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 21.3 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

