

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116720.D
 Acq On : 1 Sep 2019 2:46
 Operator : HP/JU
 Sample : K4517-23MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MSD

Quant Time: Sep 01 04:33:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	118603	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	476846	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	248510	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	418336	20.00	ng	0.00
76) Chrysene-d12	14.00	240	257951	20.00	ng	0.00
87) Perylene-d12	15.44	264	282404	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	932353	127.35	ng	0.01
7) Phenol-d6	6.48	99	1186016	123.37	ng	0.00
23) Nitrobenzene-d5	7.41	82	845944	101.28	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	279135	168.02	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1422010	96.53	ng	0.00
79) Terphenyl-d14	12.95	244	1456759	104.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	137660	40.734	ng	# 86
3) Pyridine	3.46	79	187216	19.133	ng	97
4) n-Nitrosodimethylamine	3.34	42	145165	43.203	ng	78
6) Aniline	6.51	93	132004	9.914	ng	97
8) 2-Chlorophenol	6.63	128	392807	49.151	ng	96
9) Benzaldehyde	6.39	77	36897	5.826	ng	99
10) Phenol	6.49	94	435082	40.872	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	390246	47.082	ng	98
12) 1,3-Dichlorobenzene	6.79	146	407328	45.096	ng	95
13) 1,4-Dichlorobenzene	6.86	146	415193	46.171	ng	100
14) 1,2-Dichlorobenzene	7.02	146	387465	46.495	ng	94
15) Benzyl Alcohol	6.99	79	355958	45.616	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	443055	45.560	ng	99
17) 2-Methylphenol	7.10	107	331758	47.421	ng	96
18) Hexachloroethane	7.36	117	156785	44.876	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	297035	46.928	ng	94
20) 3+4-Methylphenols	7.25	107	403478	49.602	ng	# 80
22) Acetophenone	7.25	105	566539	49.350	ng	98
24) Nitrobenzene	7.43	77	452745	53.294	ng	94
25) Isophorone	7.66	82	835032	49.335	ng	99
26) 2-Nitrophenol	7.74	139	195208	61.806	ng	96
27) 2,4-Dimethylphenol	7.78	122	362705	56.862	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	507454	49.061	ng	99
29) 2,4-Dichlorophenol	7.99	162	329681	53.781	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	325638	48.976	ng	95
31) Naphthalene	8.15	128	1159063	51.117	ng	99
32) Benzoic acid	7.89	122	181759	50.466	ng	91
33) 4-Chloroaniline	8.19	127	28136	2.726	ng	98
34) Hexachlorobutadiene	8.27	225	171537	47.317	ng	98
35) Caprolactam	8.56	113	63481	27.671	ng	100
36) 4-Chloro-3-methylphenol	8.68	107	388248	55.106	ng	96
37) 2-Methylnaphthalene	8.84	142	796052	52.766	ng	97
38) 1-Methylnaphthalene	8.94	142	744490	52.276	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	287437	48.250	ng	# 97

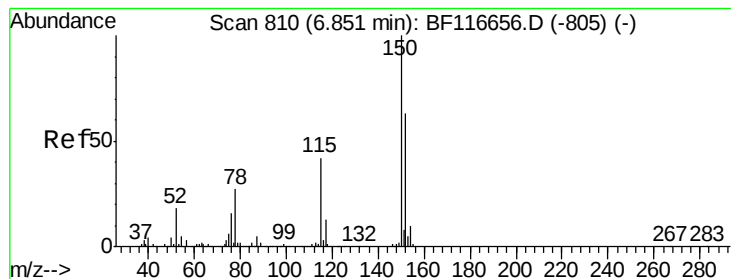
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	243138	70.677	nq	95
43) 2,4,6-Trichlorophenol	9.12	196	216844	53.100	nq	96
44) 2,4,5-Trichlorophenol	9.16	196	238956	56.363	nq	96
46) 1,1'-Biphenyl	9.30	154	941915	49.950	nq	97
47) 2-Chloronaphthalene	9.33	162	740154	49.556	nq	99
48) 2-Nitroaniline	9.42	65	246376	57.059	nq	99
49) Acenaphthylene	9.75	152	1186381	52.548	nq	99
50) Dimethylphthalate	9.60	163	879790	51.279	nq	99
51) 2,6-Dinitrotoluene	9.66	165	202870	61.974	nq	93
52) Acenaphthene	9.92	154	745213	53.720	nq	99
53) 3-Nitroaniline	9.82	138	46599	11.359	nq	89
54) 2,4-Dinitrophenol	9.93	184	109957	93.010	nq	88
55) Dibenzofuran	10.09	168	1047894	53.585	nq	97
56) 4-Nitrophenol	9.99	139	324233	115.269	nq	89
57) 2,4-Dinitrotoluene	10.07	165	275155	68.744	nq	92
58) Fluorene	10.43	166	797949	53.551	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	178978	58.494	nq	96
60) Diethylphthalate	10.30	149	903227	52.555	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	348785	53.454	nq	96
62) 4-Nitroaniline	10.45	138	202547	50.877	nq	93
63) Azobenzene	10.58	77	948291	52.917	nq	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	85731	54.457	nq	91
66) n-Nitrosodiphenylamine	10.54	169	732577	50.621	nq	97
67) 4-Bromophenyl-phenylether	10.91	248	214941	50.577	nq	100
68) Hexachlorobenzene	10.98	284	220889	49.679	nq	96
69) Atrazine	11.06	200	172366	42.527	nq	97
70) Pentachlorophenol	11.17	266	232103	107.910	nq	97
71) Phenanthrene	11.39	178	1190613	51.127	nq	99
72) Anthracene	11.44	178	1230530	52.493	nq	99
73) Carbazole	11.59	167	1170022	52.397	nq	100
74) Di-n-butylphthalate	11.92	149	1514442	52.904	nq	99
75) Fluoranthene	12.57	202	1176449	51.406	nq	97
78) Pyrene	12.80	202	1157864	50.495	nq	99
80) Butylbenzylphthalate	13.42	149	632905	56.758	nq	100
81) Benzo(a)anthracene	13.99	228	825484	50.564	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	93674	16.979	nq	99
83) Chrysene	14.02	228	853090	50.721	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	836233	60.751	nq	98
85) Di-n-octyl phthalate	14.59	149	1418386	62.967	nq	97
86) Indeno(1,2,3-cd)pyrene	16.89	276	821808	60.831	nq	# 93
88) Benzo(b)fluoranthene	15.06	252	778462	45.594	nq	98
89) Benzo(k)fluoranthene	15.06	252	778462	50.006	nq	98
90) Benzo(a)pyrene	15.39	252	793195	53.398	nq	97
91) Dibenzo(a,h)anthracene	16.91	278	690972	53.143	nq	# 93
92) Benzo(g,h,i)perylene	17.33	276	635722	47.941	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

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ClientSampleId :

T2-S-A1-A4MSD

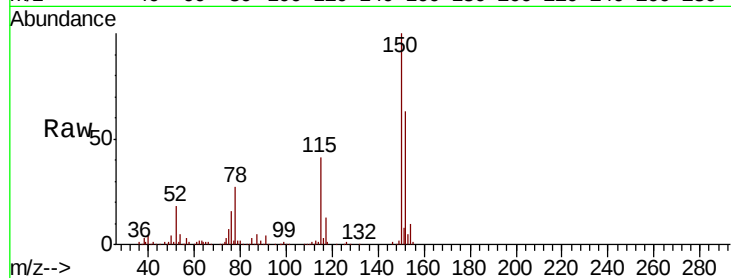
Tot Ion:152 Resp: 118603

Ion Ratio Lower Upper

152 100

150 158.2 124.4 186.6

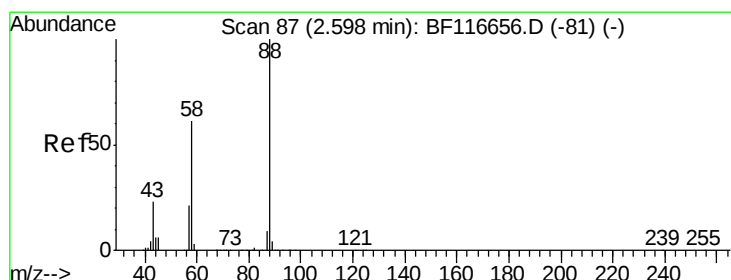
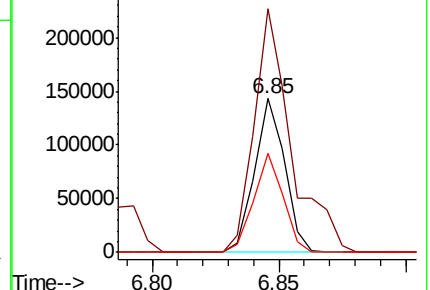
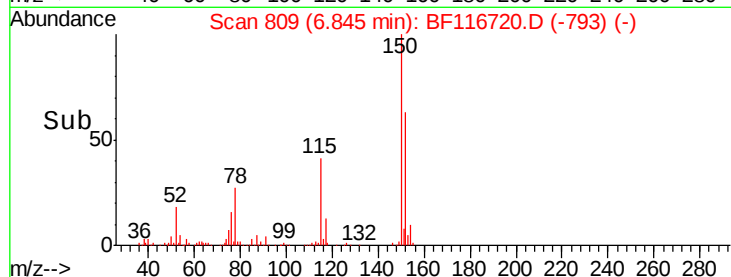
115 64.3 49.9 74.9



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



#2

1,4-Dioxane

Concen: 40.734 ng

RT: 2.70 min Scan# 104

Delta R.T. 0.10 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

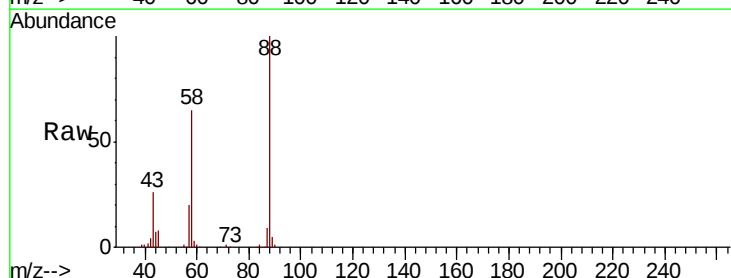
Tgt Ion: 88 Resp: 137660

Ion Ratio Lower Upper

88 100

58 64.9 51.7 77.5

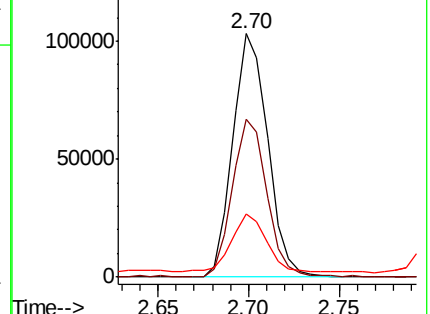
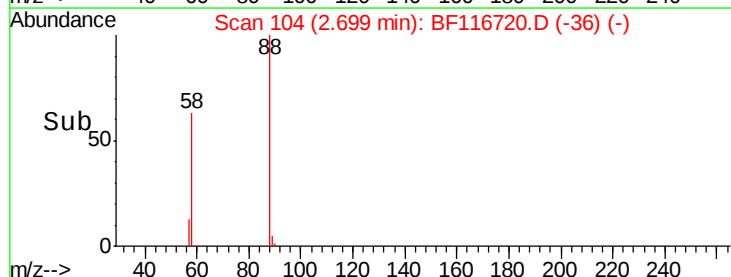
43 0.0 19.8 29.8#

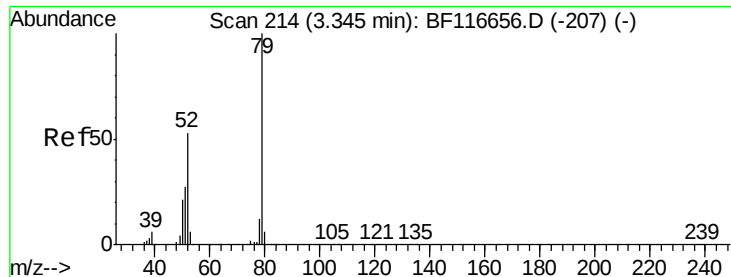


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 19.133 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.11 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

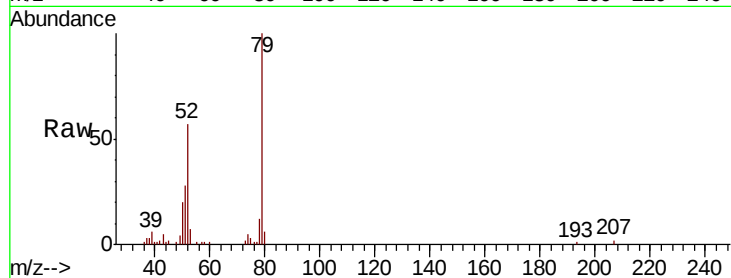
Tot Ion: 79 Resp: 187216

Ion Ratio Lower Upper

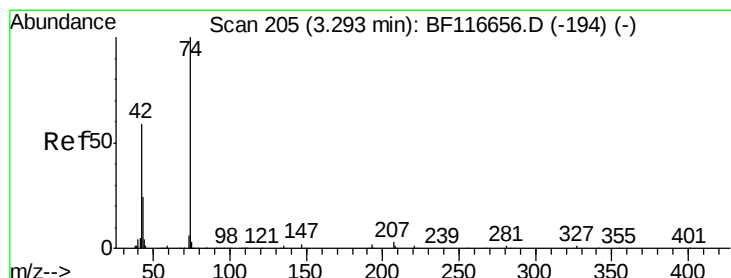
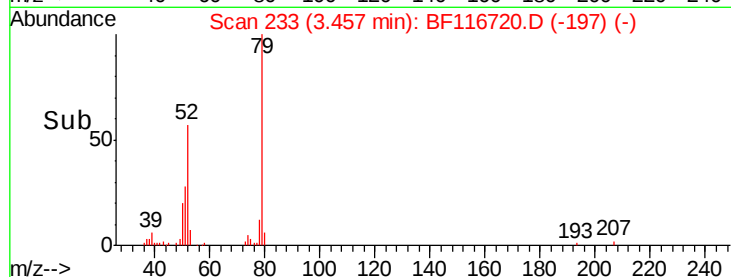
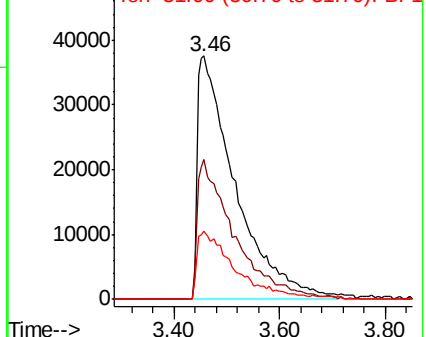
79 100

52 57.4 47.4 71.0

51 28.2 24.1 36.1



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



#4

n-Nitrosodimethylamine

Concen: 43.203 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.05 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

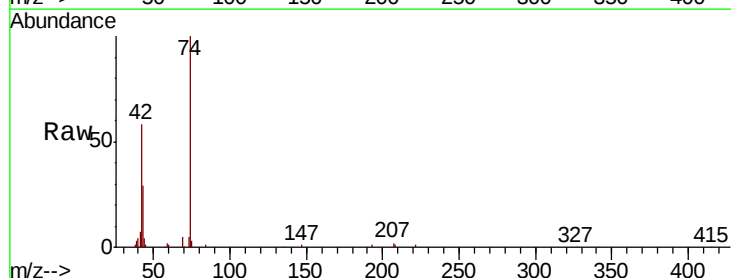
Tgt Ion: 42 Resp: 145165

Ion Ratio Lower Upper

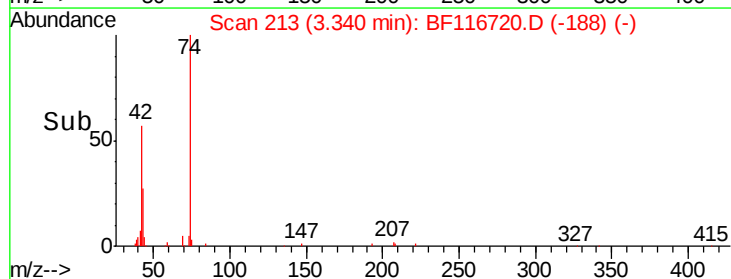
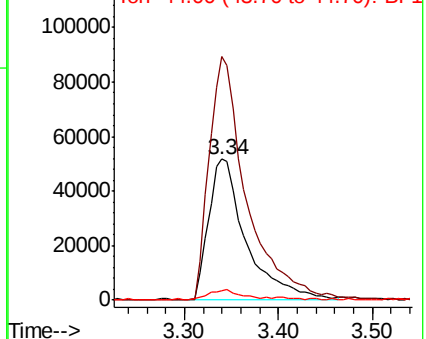
42 100

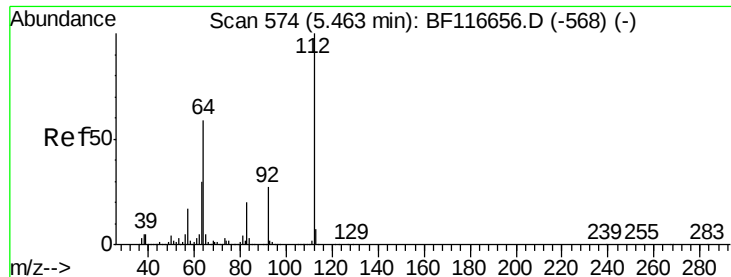
74 173.0 115.6 173.4

44 6.7 4.6 7.0



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





#5

2-Fluorophenol

Concen: 127.355 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

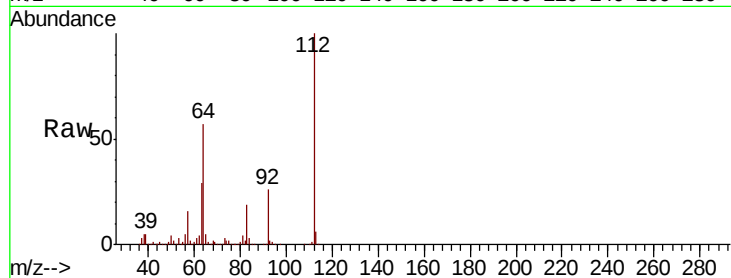
Tot Ion:112 Resp: 932353

Ion Ratio Lower Upper

112 100

64 57.4 47.1 70.7

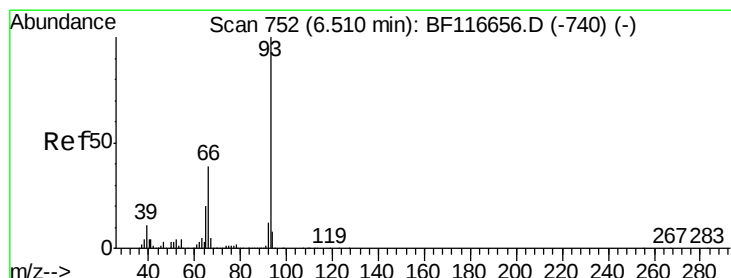
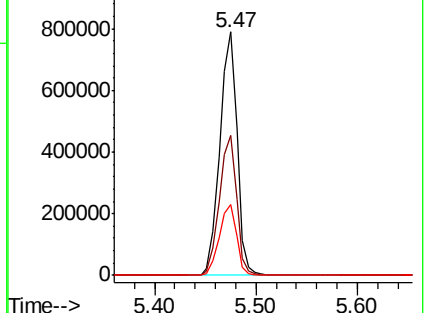
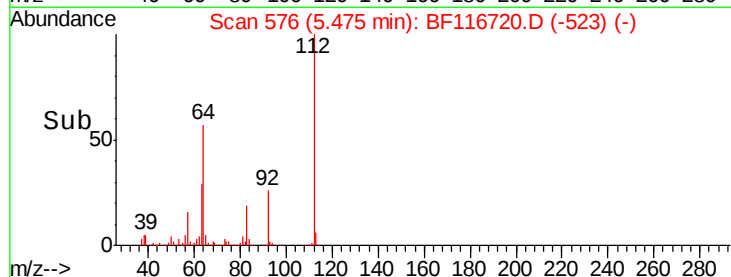
63 29.1 24.9 37.3



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: 9.914 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

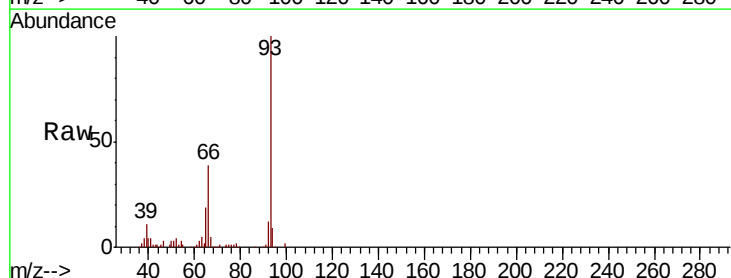
Tgt Ion: 93 Resp: 132004

Ion Ratio Lower Upper

93 100

66 39.0 32.7 49.1

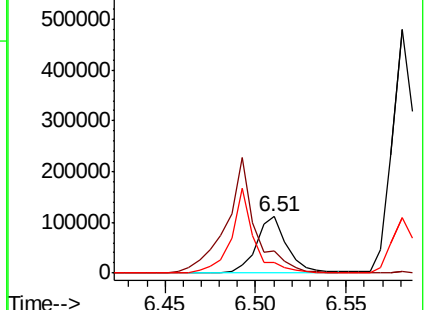
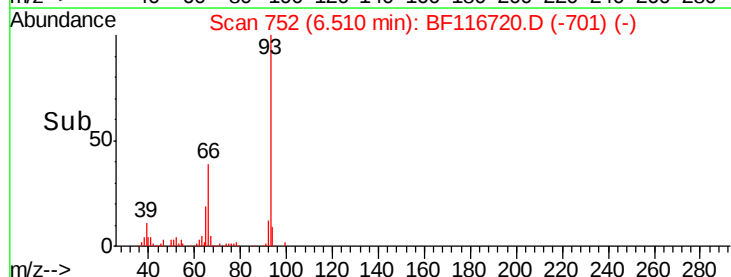
65 18.7 16.3 24.5

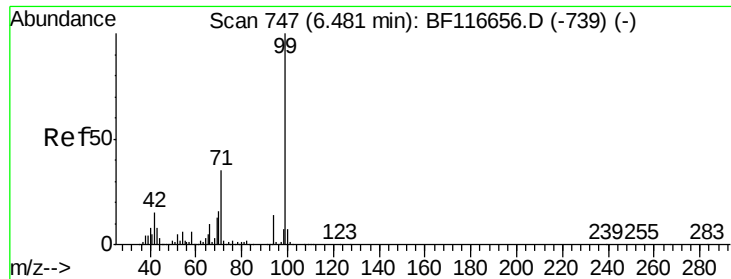


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.374 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

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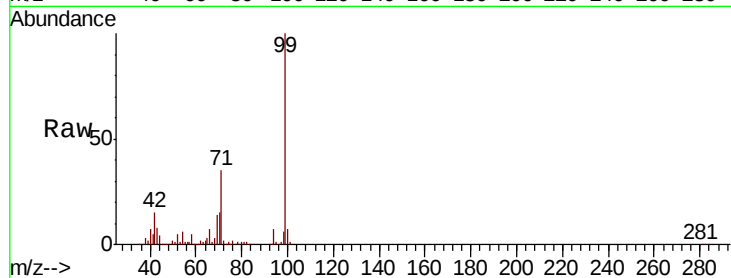
Tot Ion: 99 Resp: 1186016

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

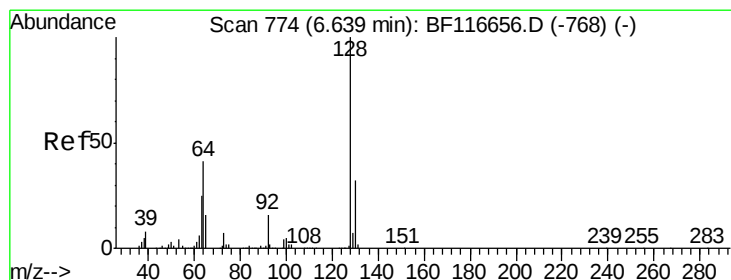
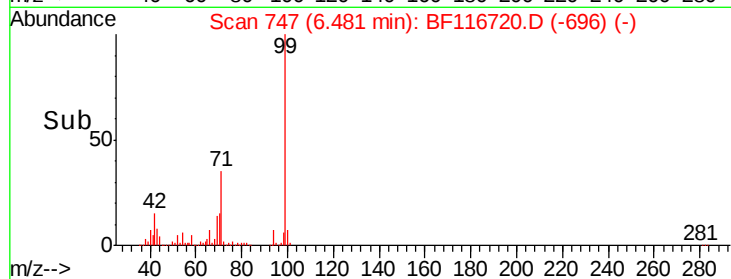
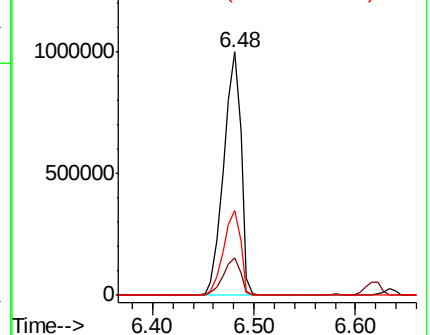
71 35.1 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.151 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

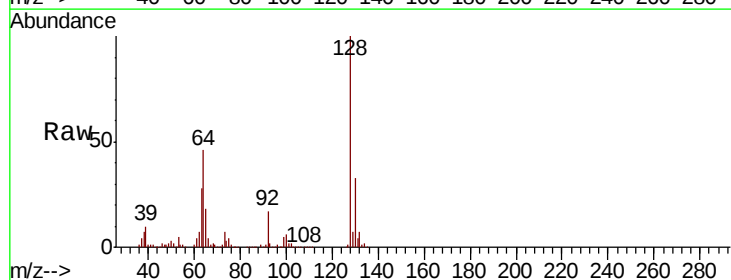
Tgt Ion: 128 Resp: 392807

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

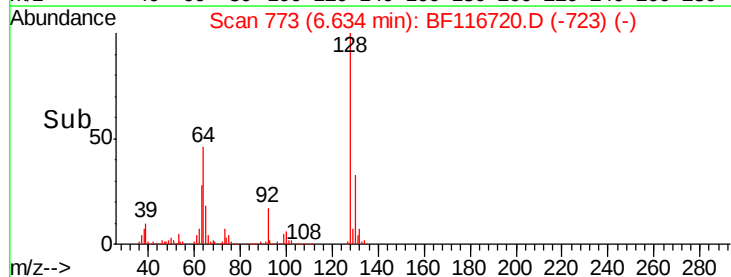
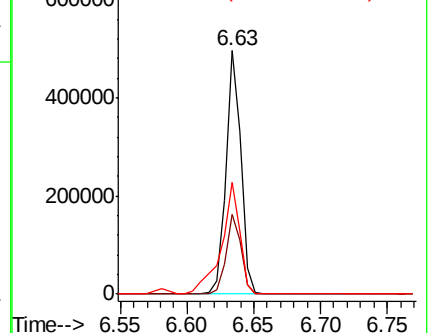
64 45.9 22.5 62.5

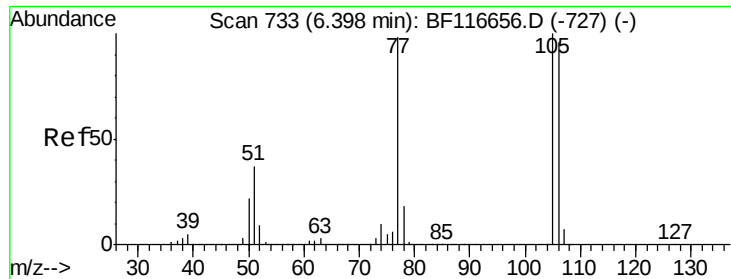


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 5.826 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

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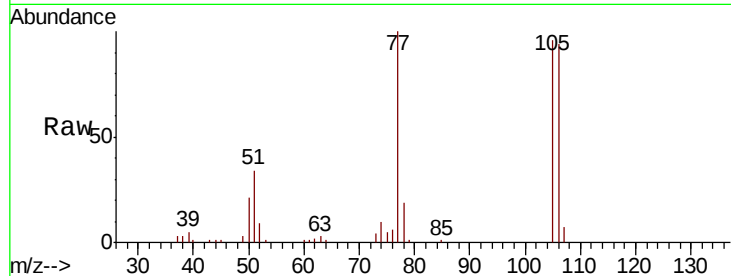
Tot Ion: 77 Resp: 36897

Ion Ratio Lower Upper

77 100

105 96.5 76.7 116.7

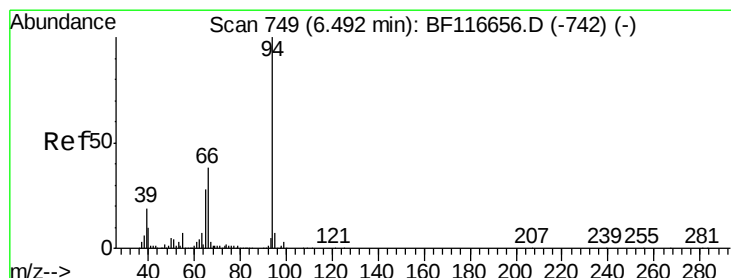
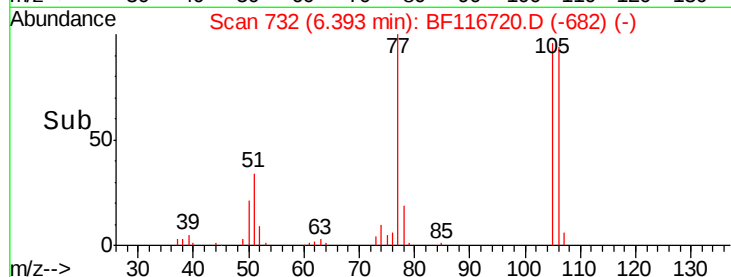
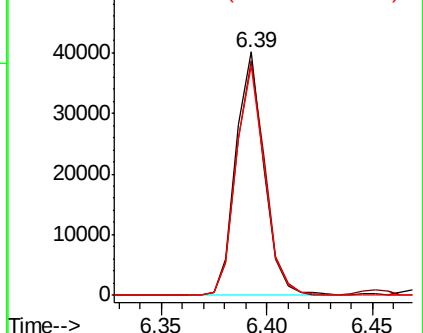
106 94.5 73.1 113.1



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: 40.872 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

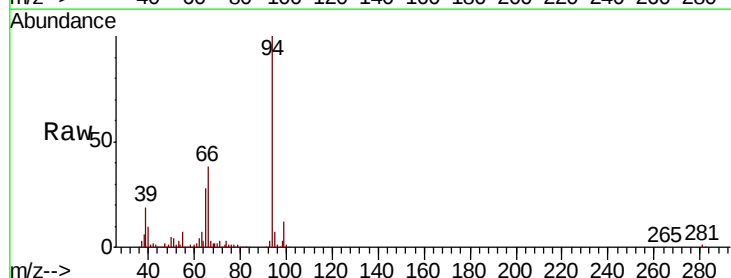
Tgt Ion: 94 Resp: 435082

Ion Ratio Lower Upper

94 100

65 28.3 10.8 50.8

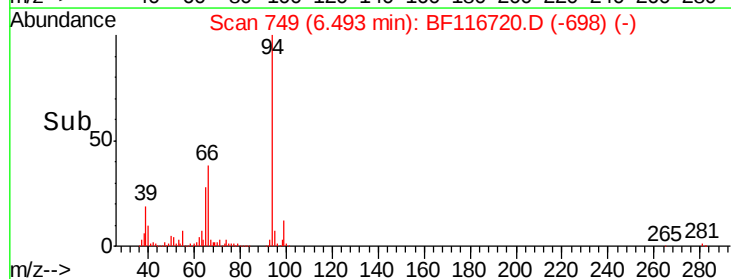
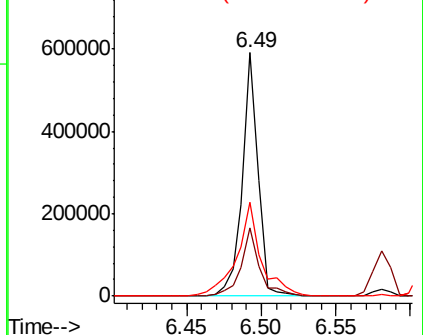
66 38.3 21.1 61.1

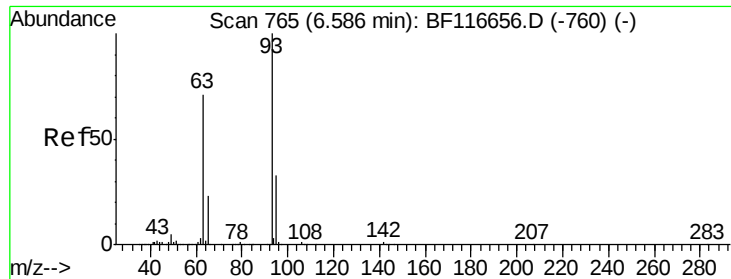


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

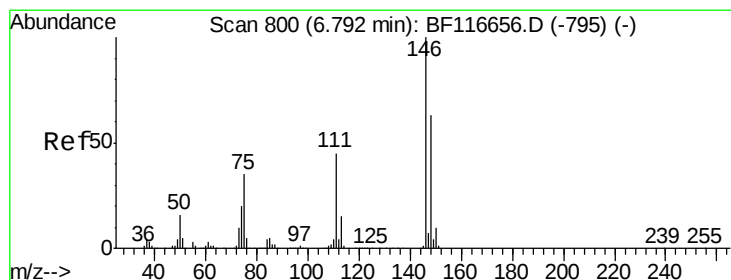
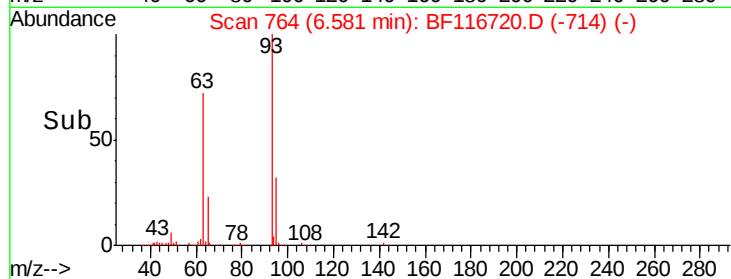
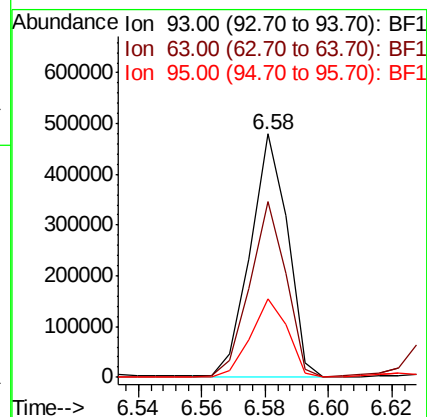
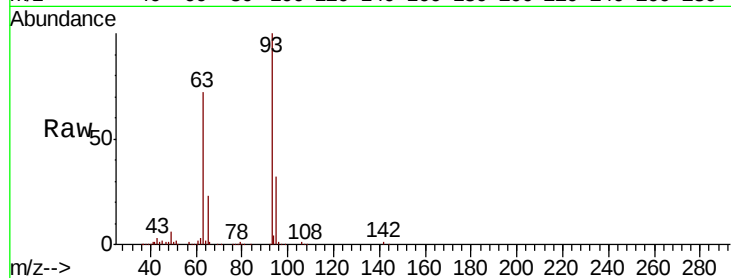




#11
bis(2-Chloroethyl)ether
Concen: 47.082 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

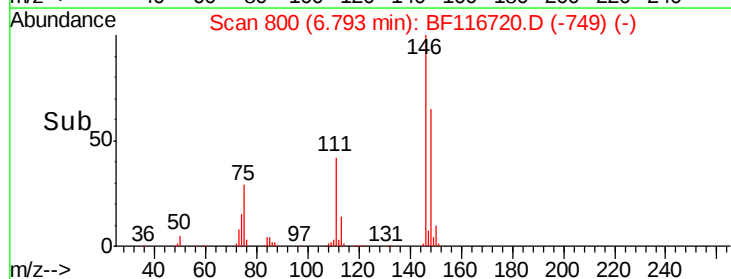
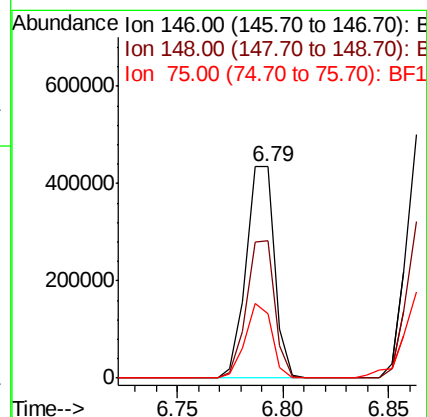
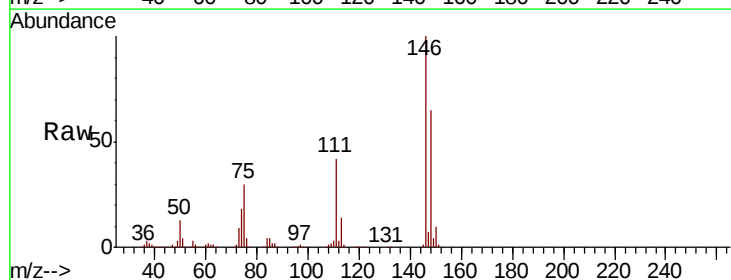
Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

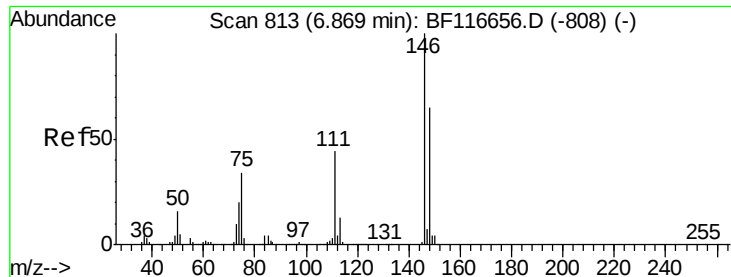
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.0	49.9	89.9
95	32.3	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 45.096 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
75	30.4	29.6	44.4

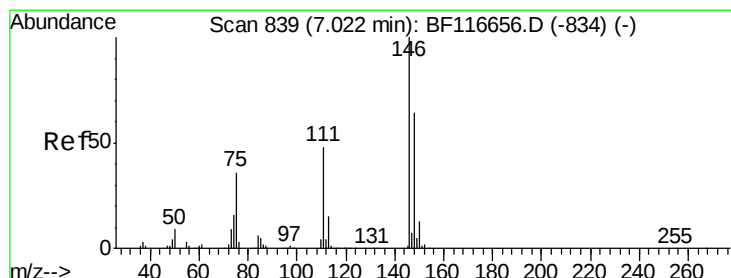
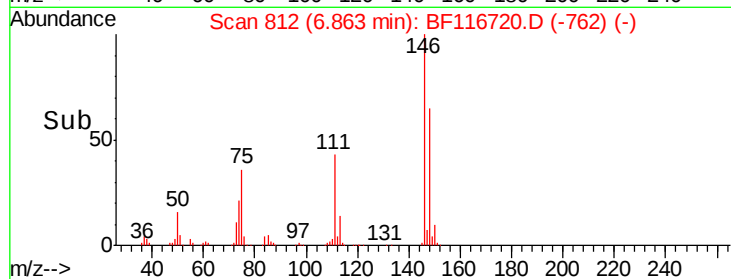
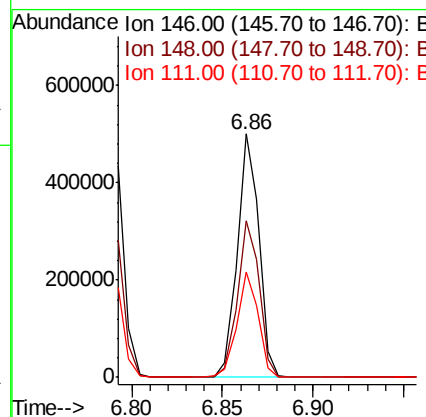
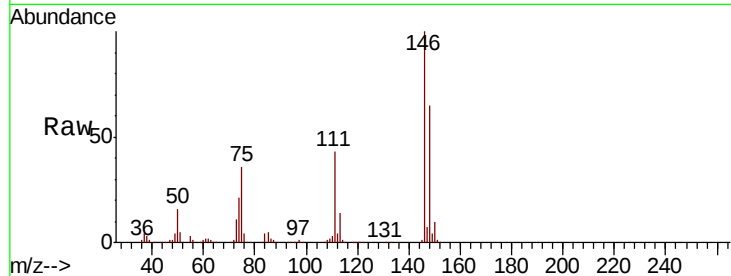




#13
 1,4-Dichlorobenzene
 Concen: 46.171 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

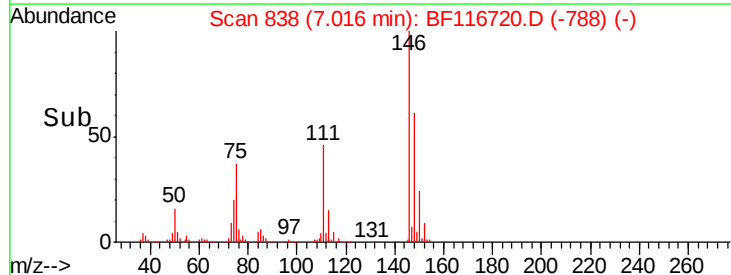
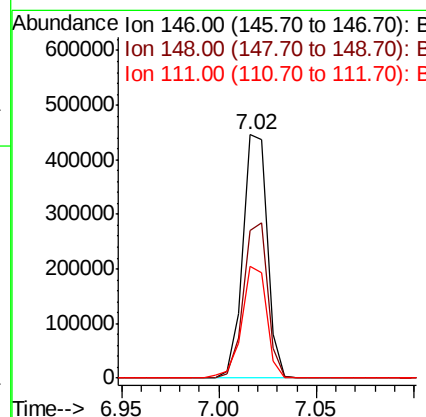
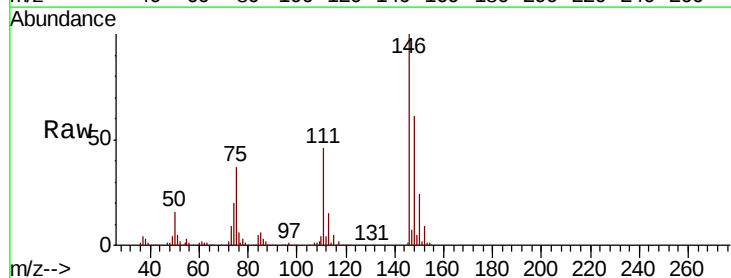
Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MSD

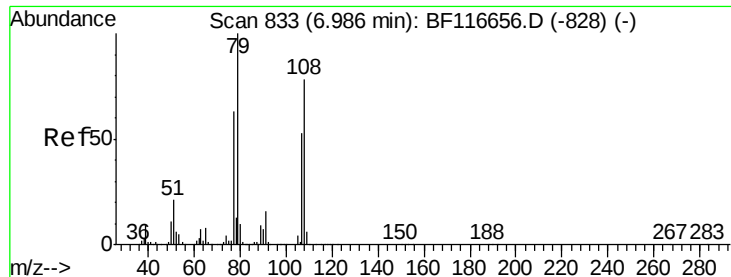
Tot Ion:146 Resp: 415193
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.4 77.2
 111 43.3 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 46.495 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Tgt Ion:146 Resp: 387465
 Ion Ratio Lower Upper
 146 100
 148 60.9 52.6 78.8
 111 46.1 34.2 51.4





#15

Benzyl Alcohol

Concen: 45.616 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

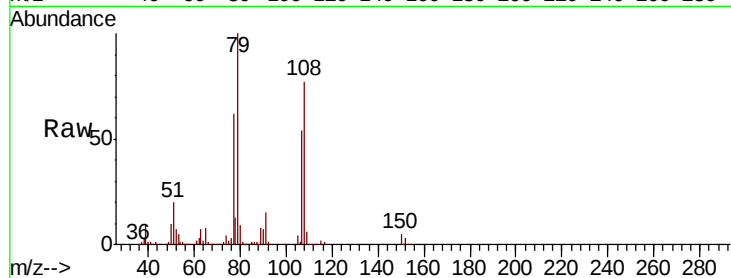
Tot Ion: 79 Resp: 355958

Ion Ratio Lower Upper

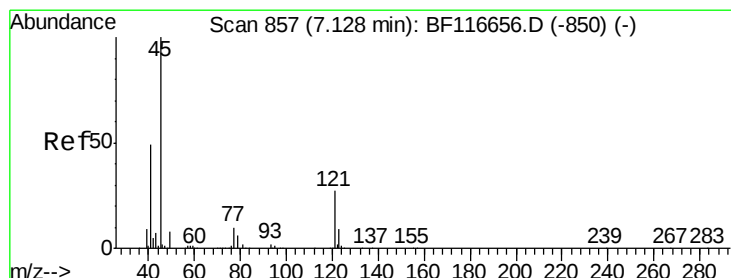
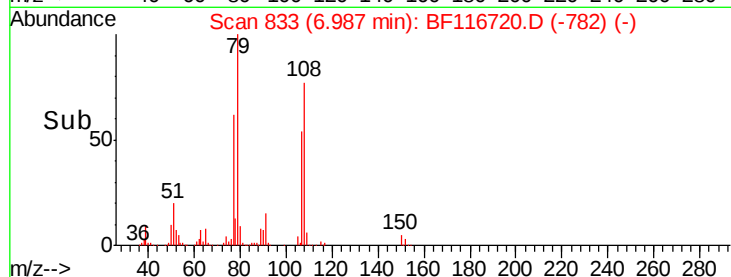
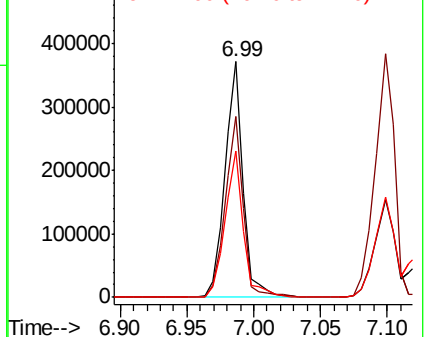
79 100

108 77.1 59.2 88.8

77 62.4 53.0 79.4



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: 45.560 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

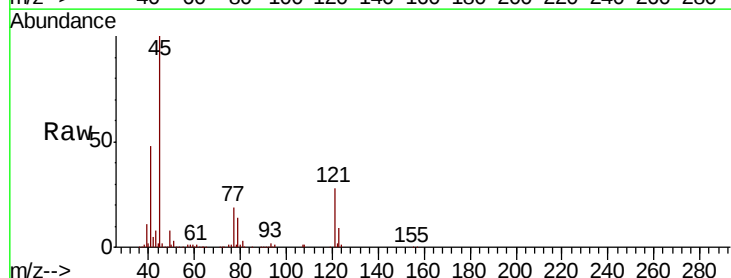
Tgt Ion: 45 Resp: 443055

Ion Ratio Lower Upper

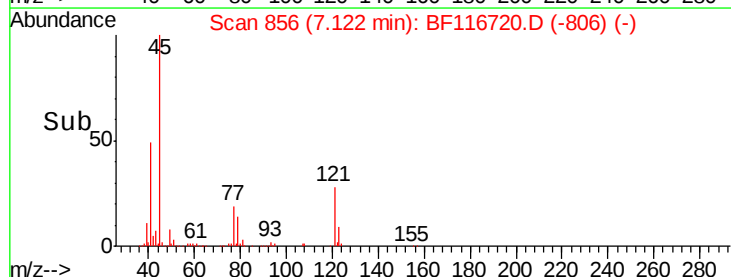
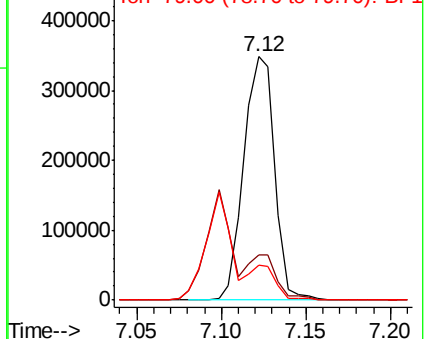
45 100

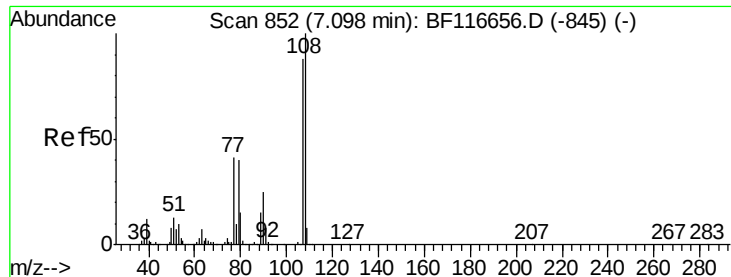
77 18.7 0.0 38.2

79 14.4 0.0 33.9



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

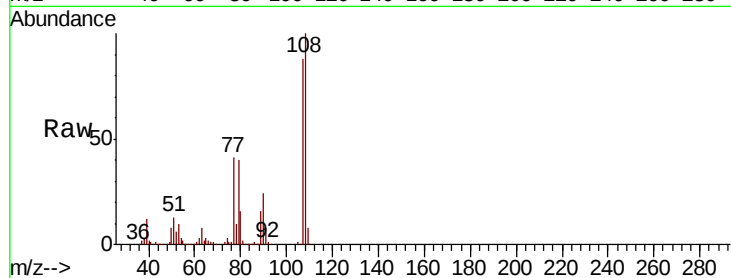




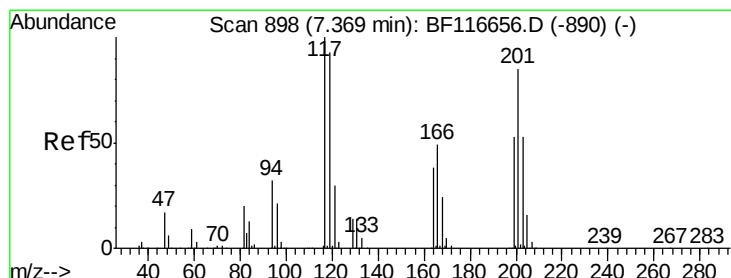
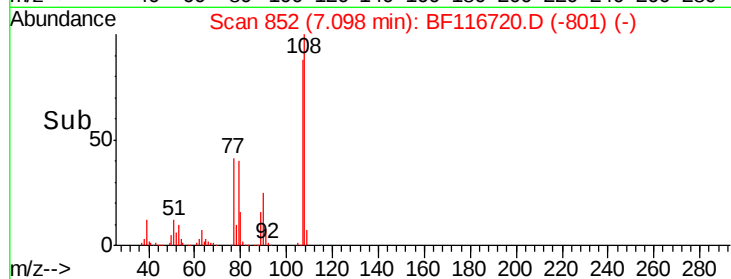
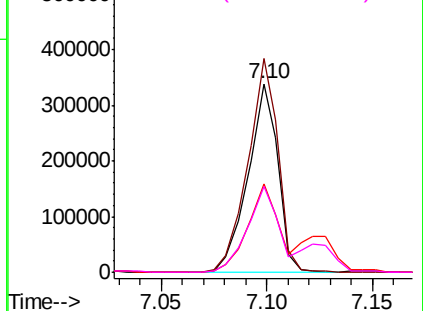
#17
2-Methylphenol
Concen: 47.421 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion:	107	Resp:	331758
Ion	Ratio	Lower	Upper
107	100		
108	113.2	88.3	132.5
77	46.7	39.9	59.9
79	45.6	39.8	59.8

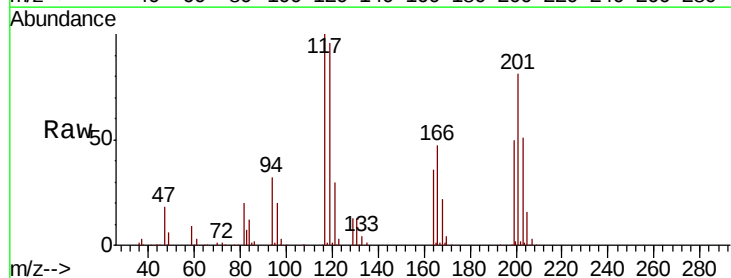


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

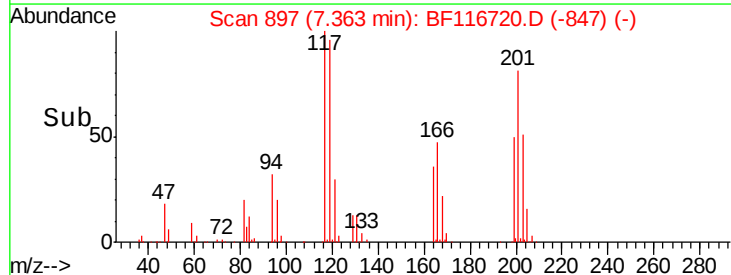
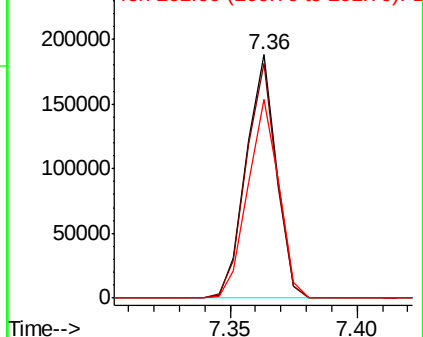


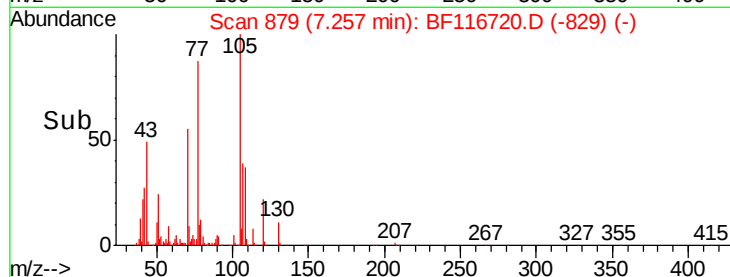
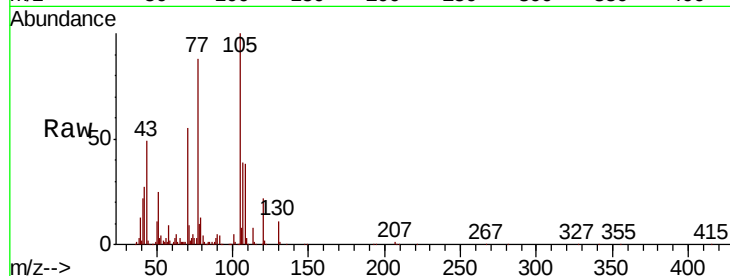
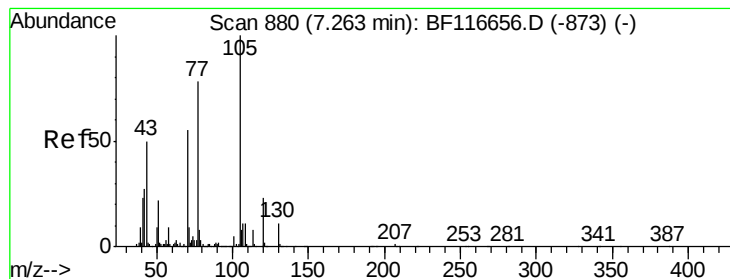
#18
Hexachloroethane
Concen: 44.876 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion:	117	Resp:	156785
Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.9	115.3
201	81.5	79.4	119.0



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





#19

n-Nitroso-di-n-propylamine

Concen: 46.928 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

Tot Ion: 70 Resp: 297035

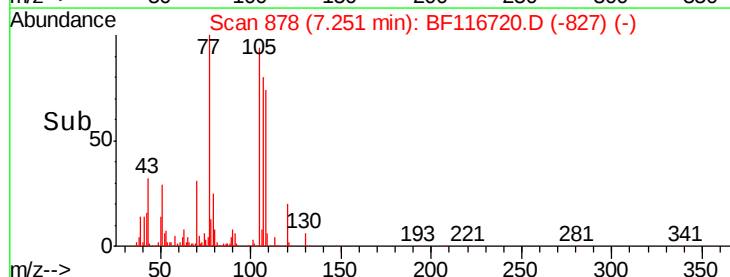
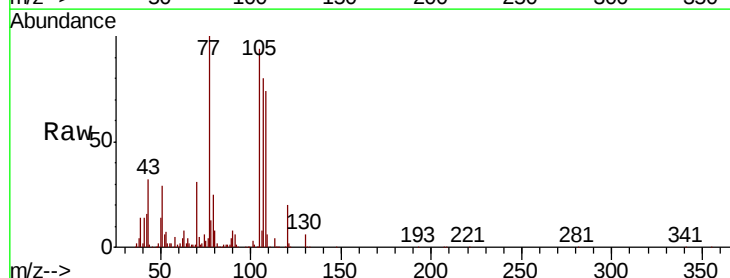
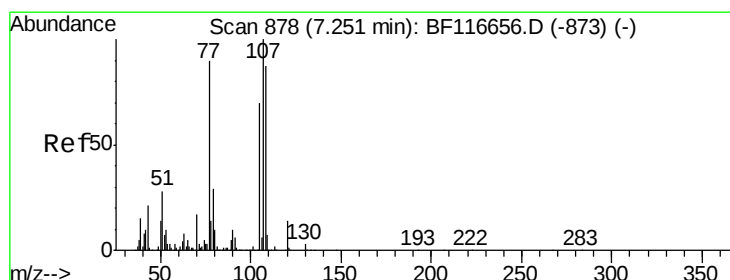
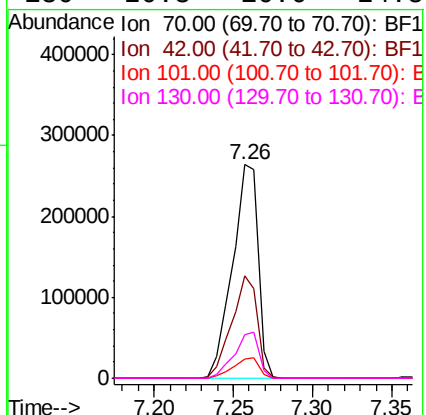
Ion Ratio Lower Upper

70 100

42 48.2 43.5 65.3

101 8.9 7.8 11.6

130 20.3 16.6 24.8



#20

3+4-Methylphenols

Concen: 49.602 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Tgt Ion:107 Resp: 403478

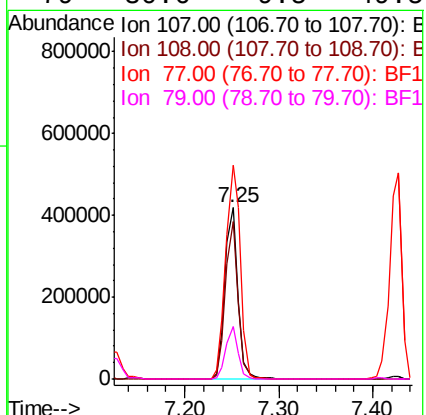
Ion Ratio Lower Upper

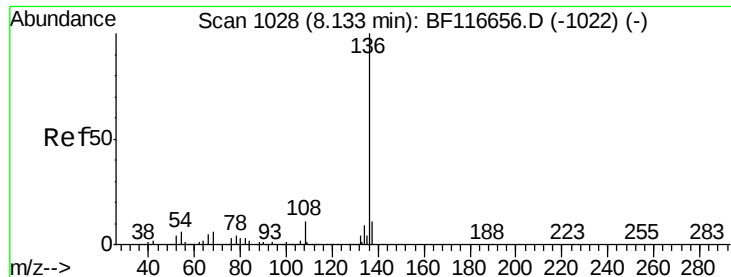
107 100

108 91.9 65.5 105.5

77 124.8 69.4 109.4#

79 30.6 9.5 49.5

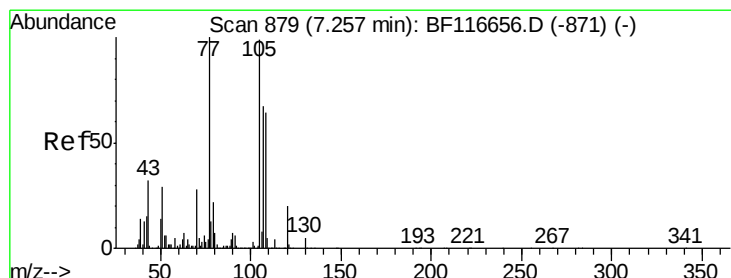
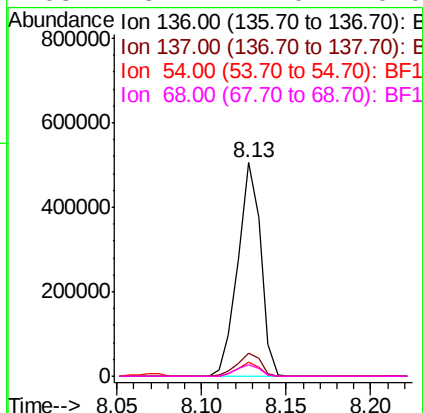
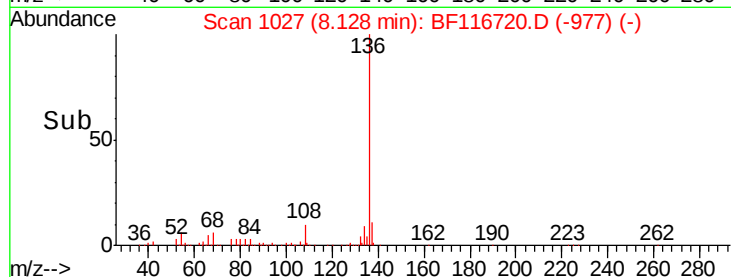
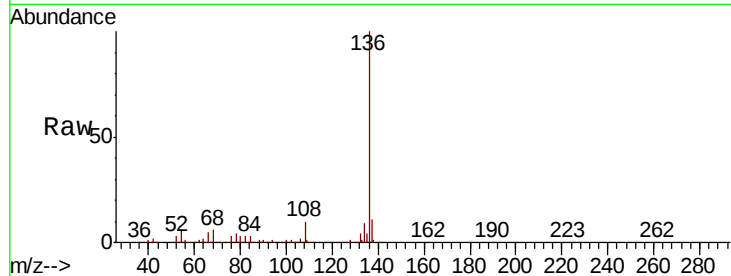




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

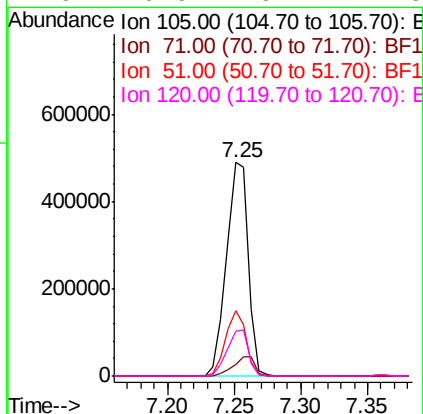
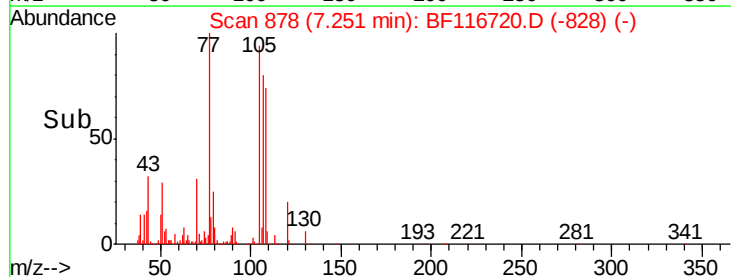
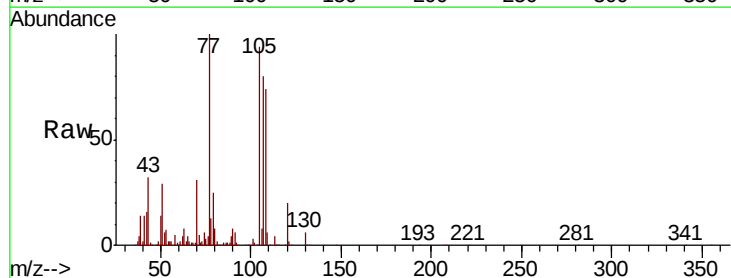
Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

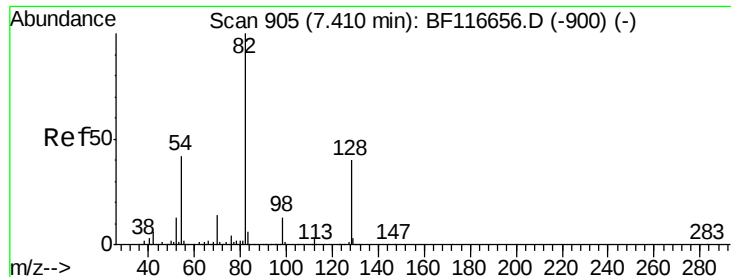
Tot Ion:136	Resp:	476846
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.3	4.8 7.2
68	5.7	4.0 6.0



#22
Acetophenone
Concen: 49.350 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion:105	Resp:	566539
Ion Ratio	Lower	Upper
105	100	
71	5.6	4.2 6.4
51	30.7	25.8 38.8
120	20.9	16.4 24.6

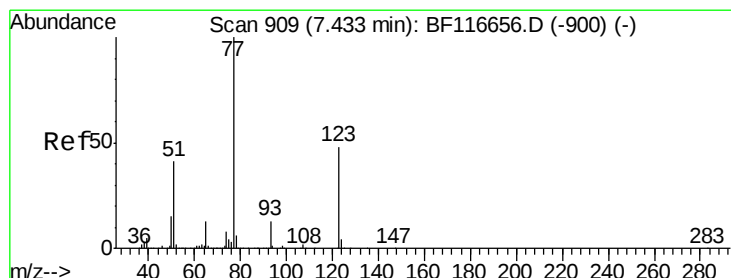
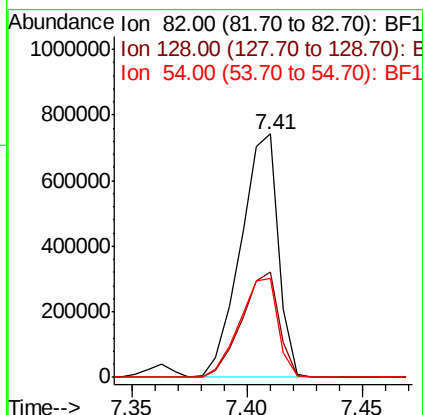
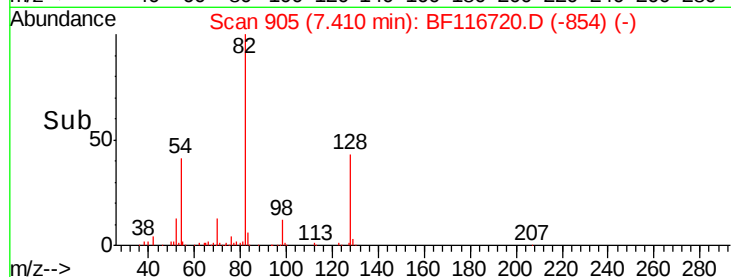
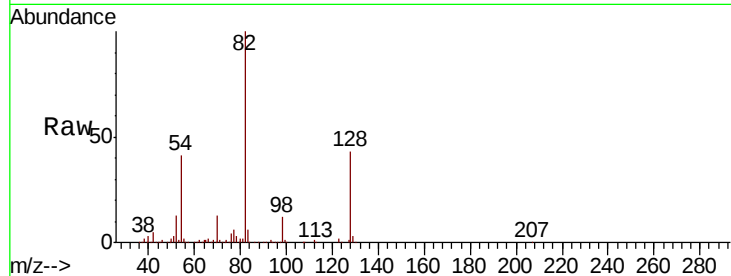




#23
 Nitrobenzene-d5
 Concen: 101.275 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

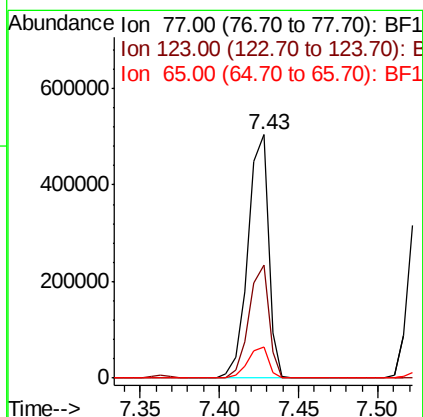
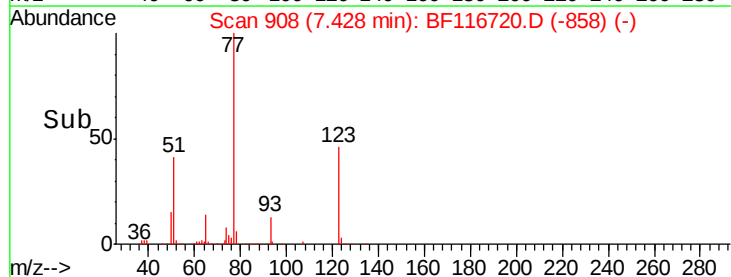
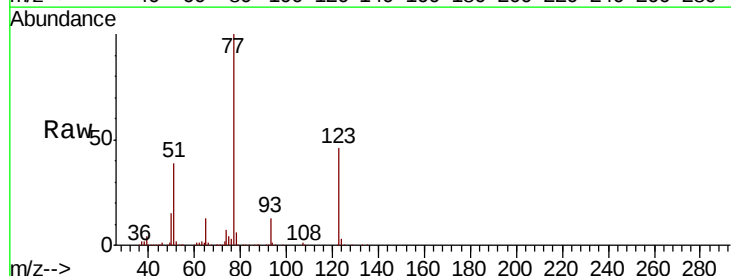
Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MSD

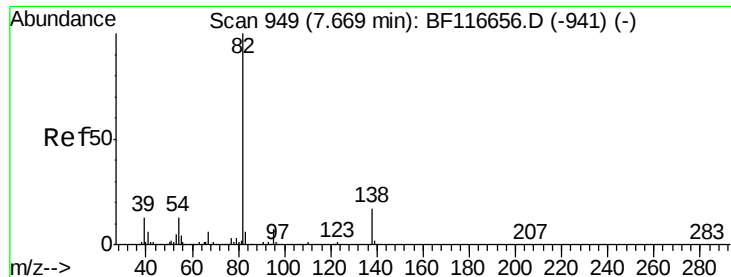
Tot Ion	82	Resp	845944
Ion Ratio	Lower	Upper	
82	100		
128	43.2	32.8	49.2
54	40.9	36.9	55.3



#24
 Nitrobenzene
 Concen: 53.294 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Tgt Ion	77	Resp	452745
Ion Ratio	Lower	Upper	
77	100		
123	46.2	33.1	49.7
65	13.0	10.6	15.8





#25

Isophorone

Concen: 49.335 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

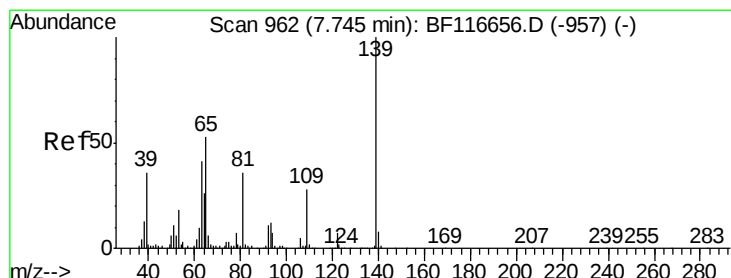
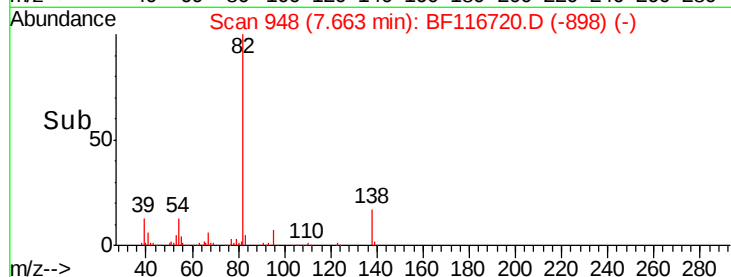
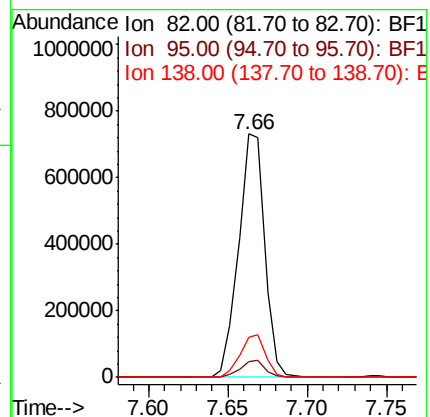
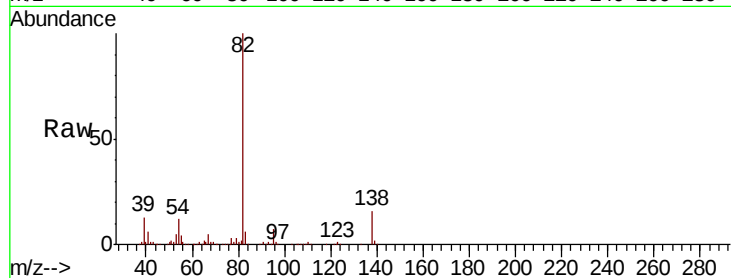
Tot Ion: 82 Resp: 835032

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

138 16.3 13.5 20.3



#26

2-Nitrophenol

Concen: 61.806 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

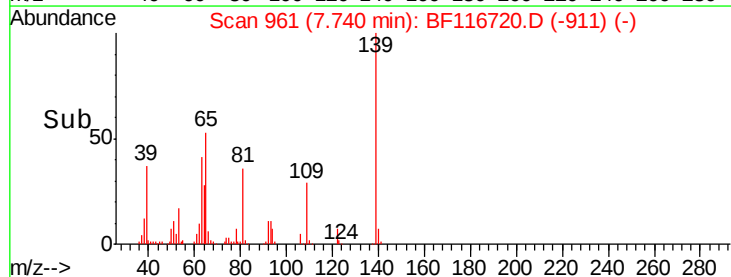
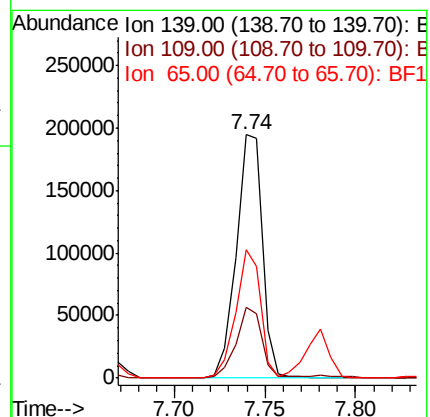
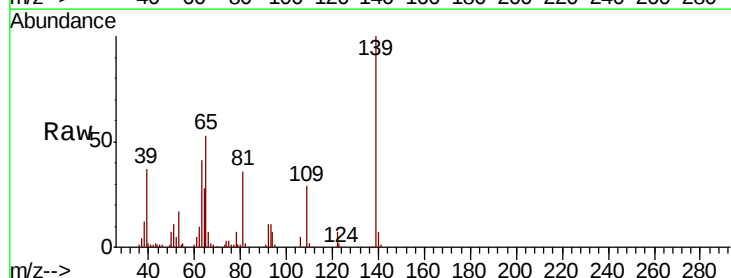
Tgt Ion: 139 Resp: 195208

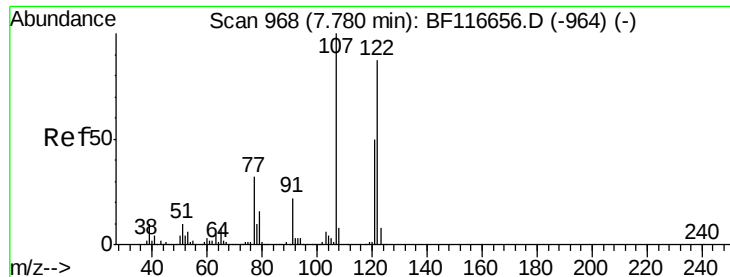
Ion Ratio Lower Upper

139 100

109 29.0 27.1 40.7

65 52.9 43.0 64.6

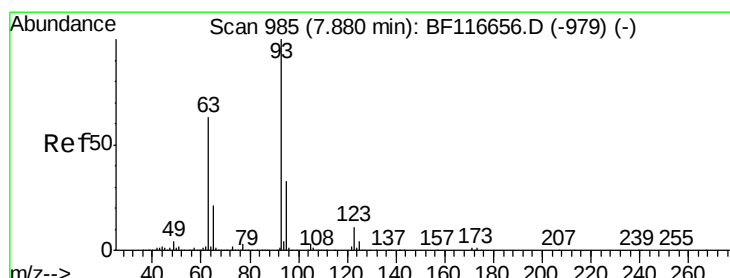
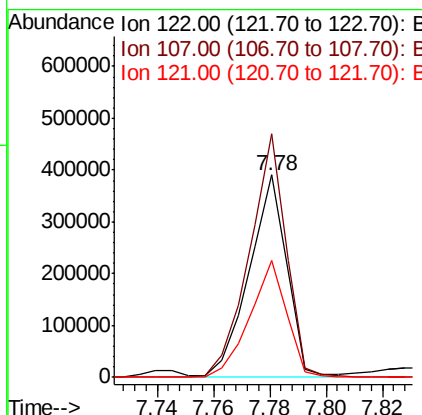
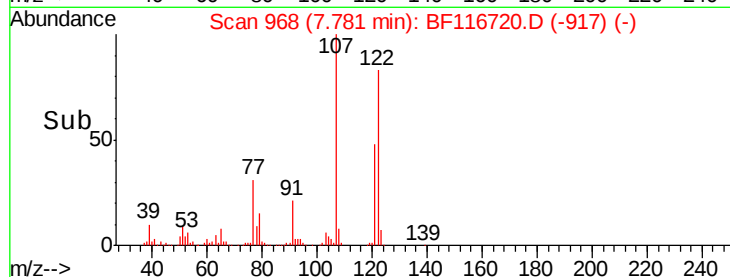
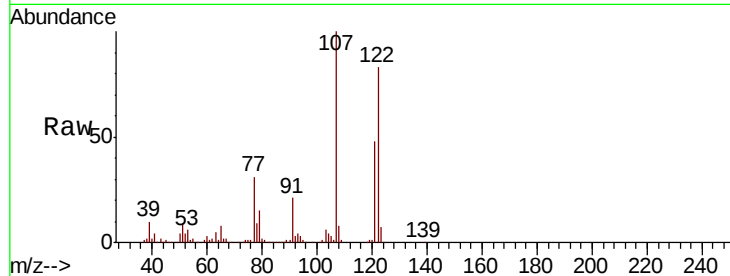




#27
 2,4-Dimethylphenol
 Concen: 56.862 ng
 RT: 7.78 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

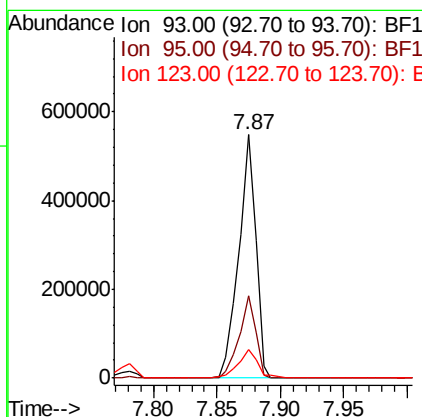
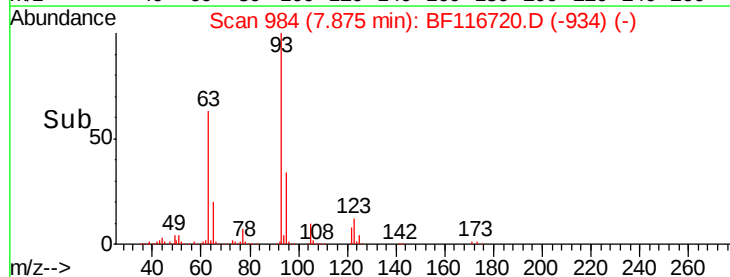
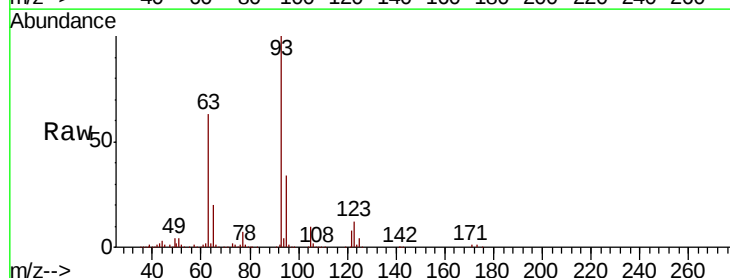
Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MSD

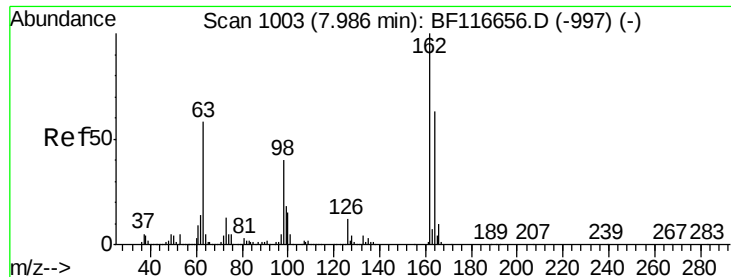
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.2	98.1	147.1
121	57.6	47.3	70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.061 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	26.4	39.6
123	11.7	9.8	14.8

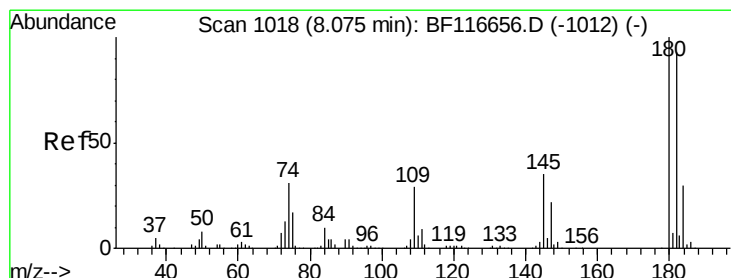
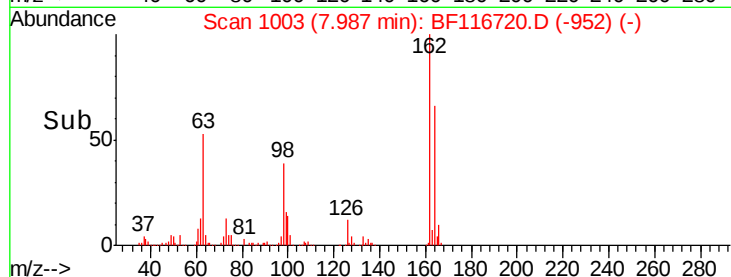
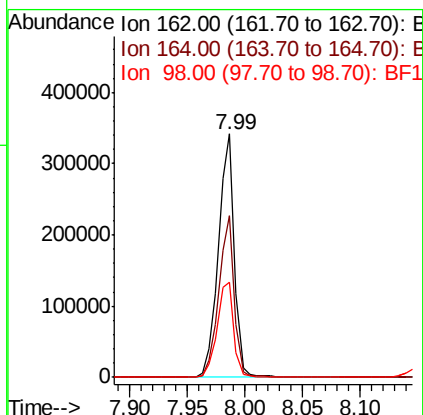
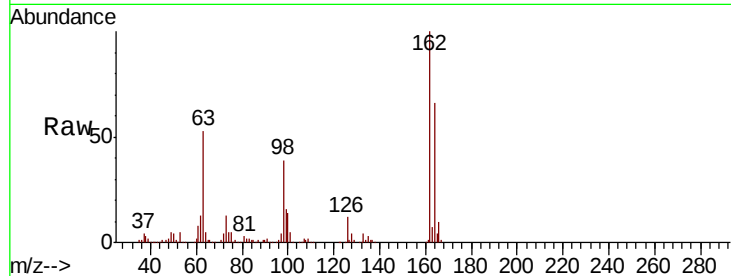




#29
2,4-Dichlorophenol
Concen: 53.781 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

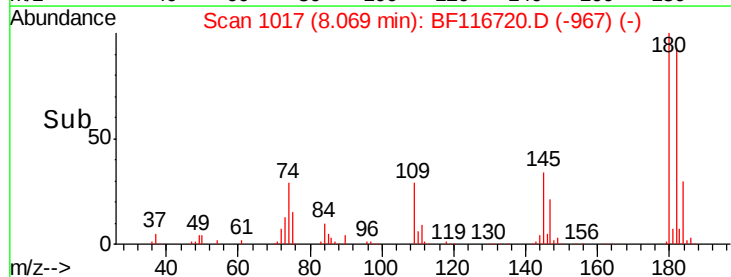
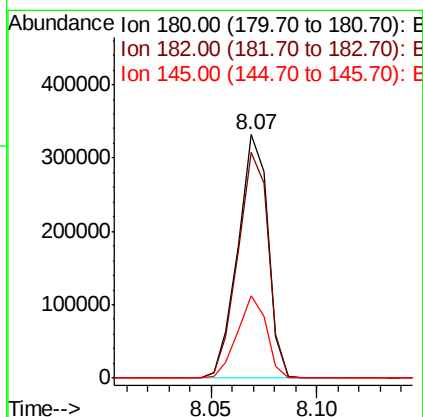
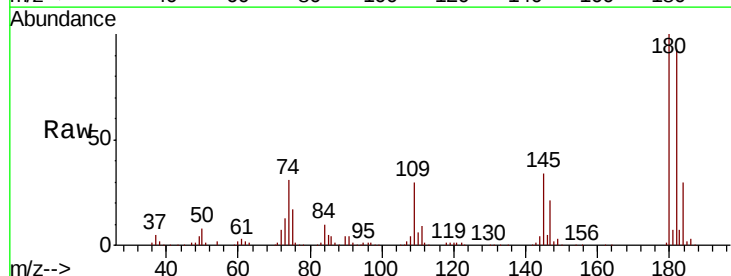
Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

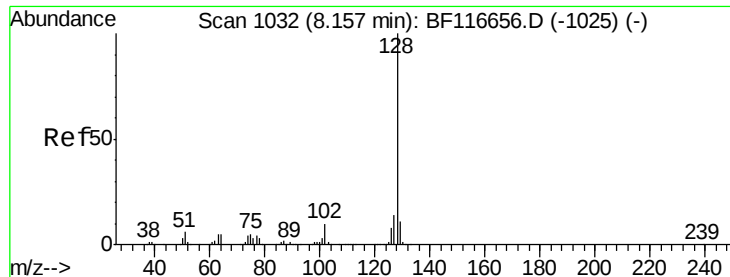
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	43.4	83.4
98	39.1	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 48.976 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	78.6	118.0
145	33.8	25.7	38.5

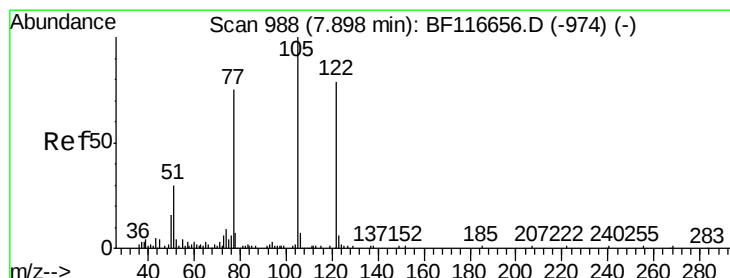
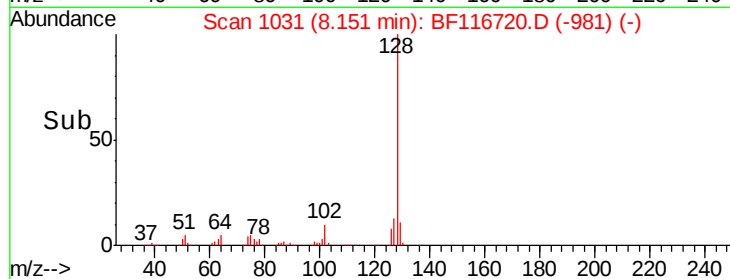
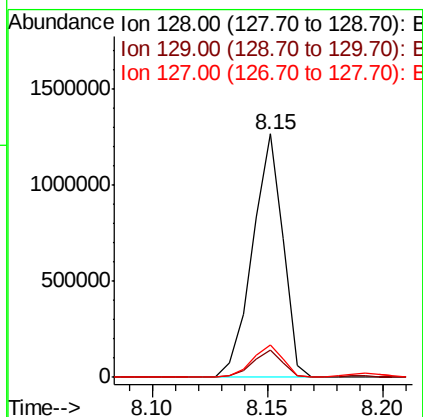
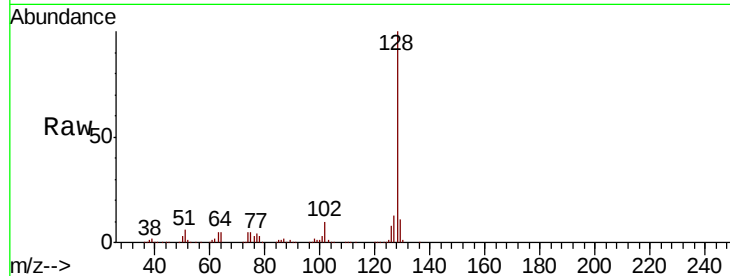




#31
Naphthalene
Concen: 51.117 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

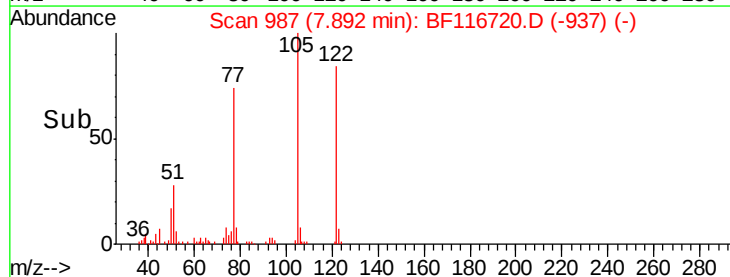
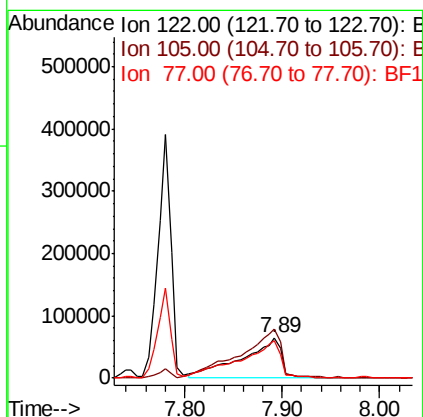
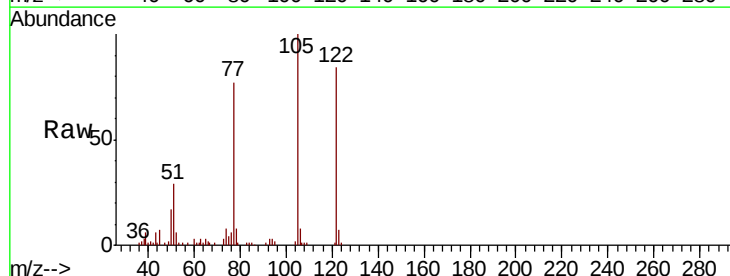
Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

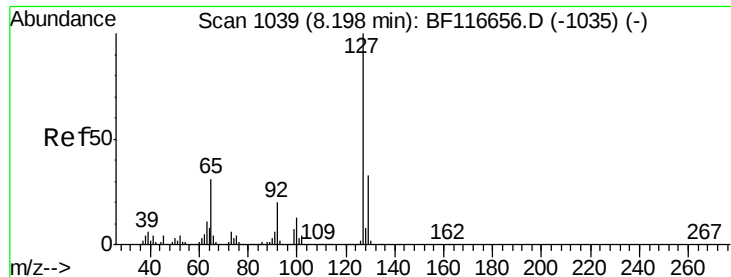
Tot Ion:128 Resp: 1159063
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 50.466 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion:122 Resp: 181759
Ion Ratio Lower Upper
122 100
105 119.7 110.0 150.0
77 92.2 81.7 121.7

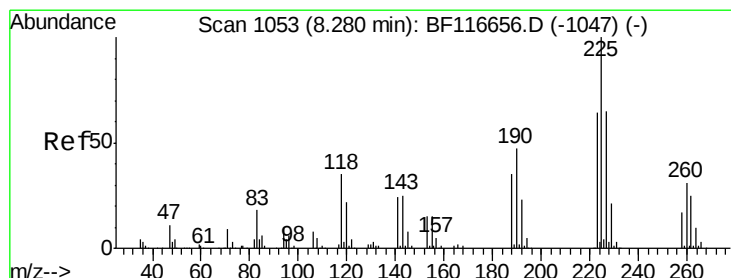
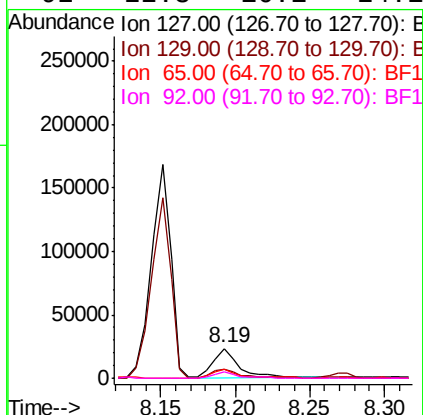
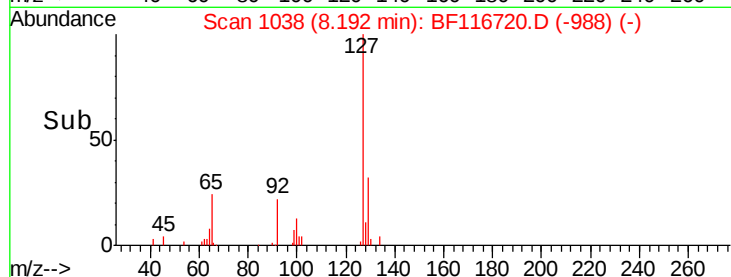
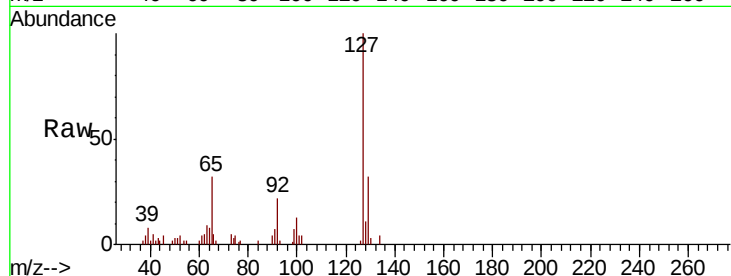




#33
4-Chloroaniline
Concen: 2.726 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

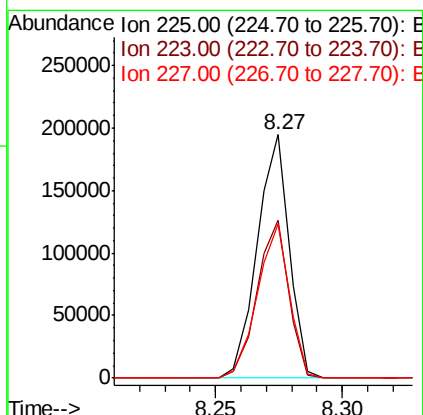
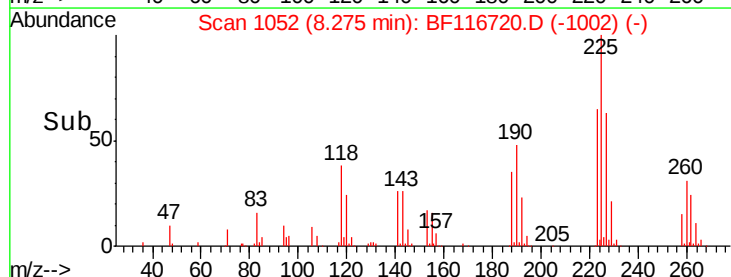
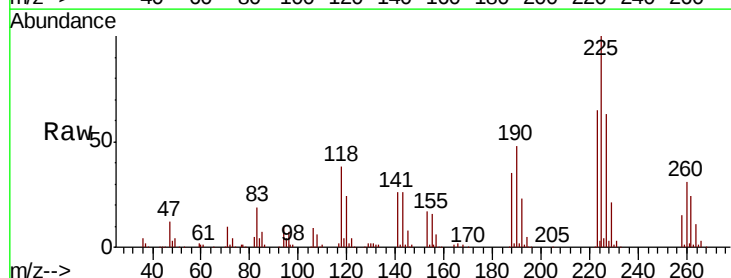
Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

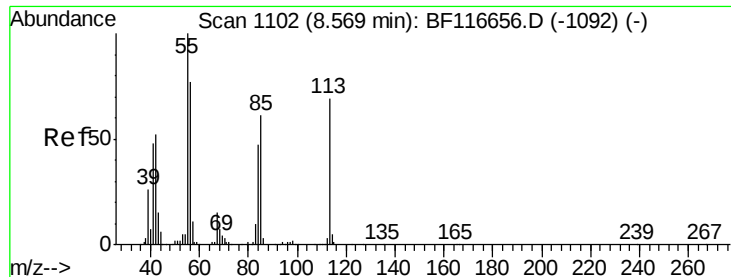
Tot Ion:127	Resp:	28136
Ion Ratio	Lower	Upper
127	100	
129	31.8	26.2 39.2
65	31.6	26.0 39.0
92	22.3	16.1 24.1



#34
Hexachlorobutadiene
Concen: 47.317 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion:225	Resp:	171537
Ion Ratio	Lower	Upper
225	100	
223	64.7	49.4 74.2
227	63.4	51.0 76.4





#35

Caprolactam

Concen: 27.671 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

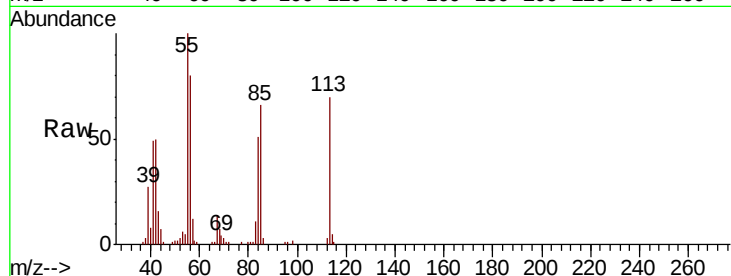
Tot Ion:113 Resp: 63481

Ion Ratio Lower Upper

113 100

55 143.6 124.3 164.3

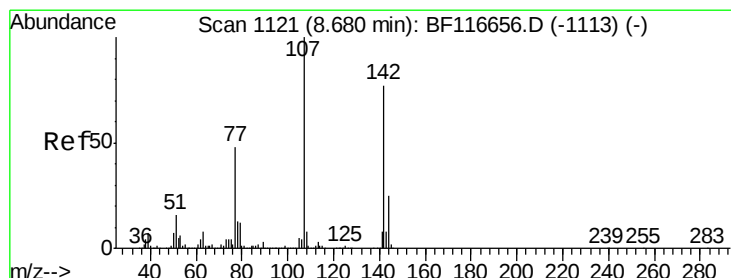
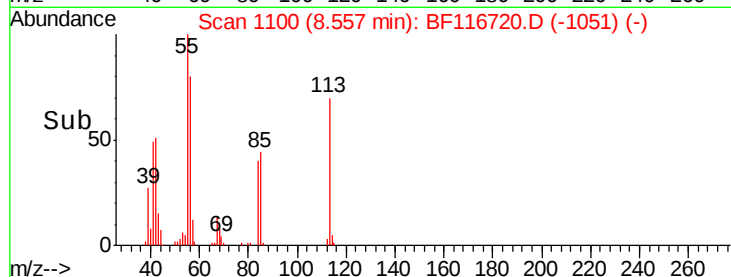
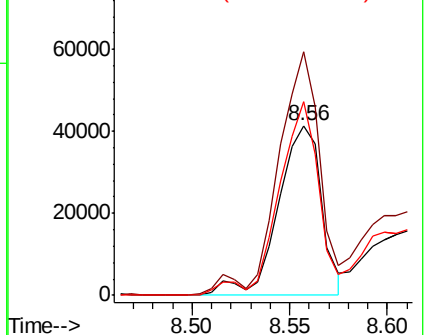
56 114.3 94.6 134.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 55.106 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

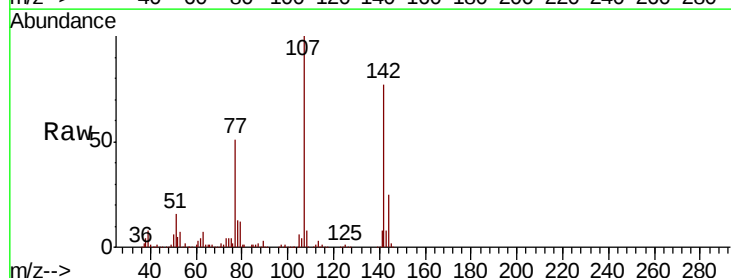
Tgt Ion:107 Resp: 388248

Ion Ratio Lower Upper

107 100

144 24.9 18.6 27.8

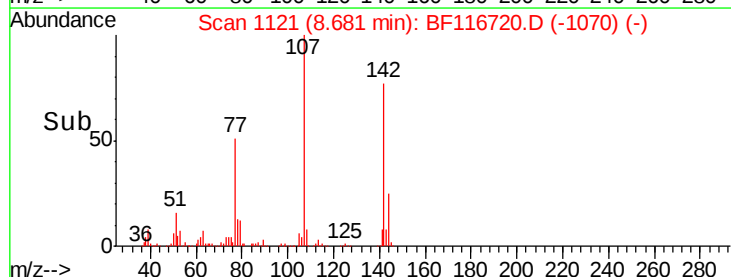
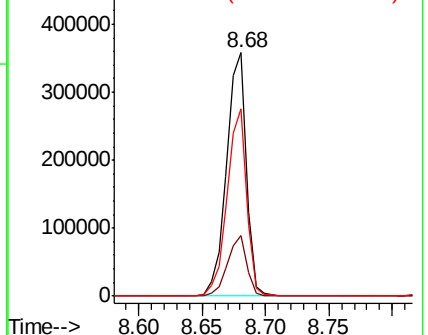
142 76.8 58.5 87.7

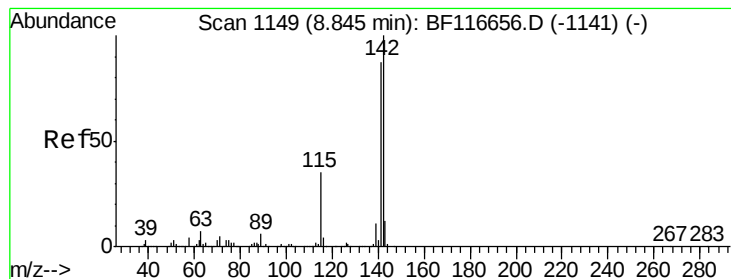


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 52.766 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

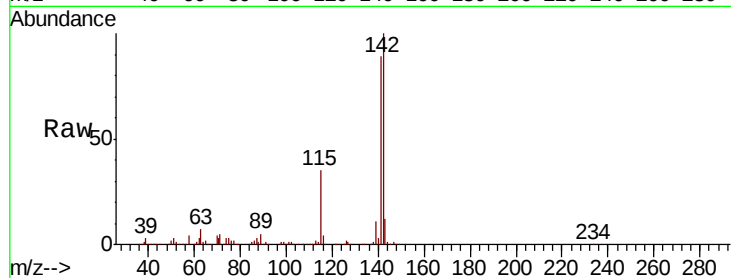
Tot Ion:142 Resp: 796052

Ion Ratio Lower Upper

142 100

141 88.7 72.6 109.0

115 34.9 29.8 44.6

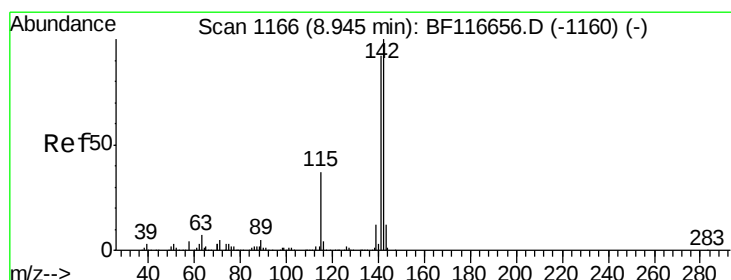
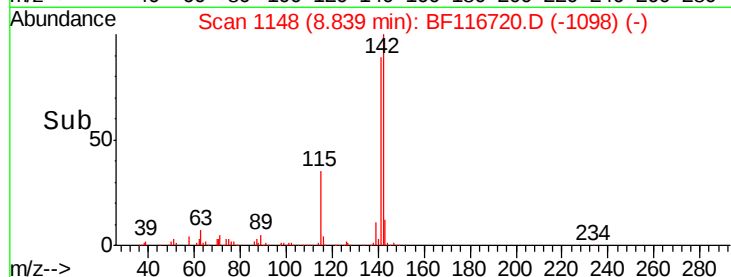
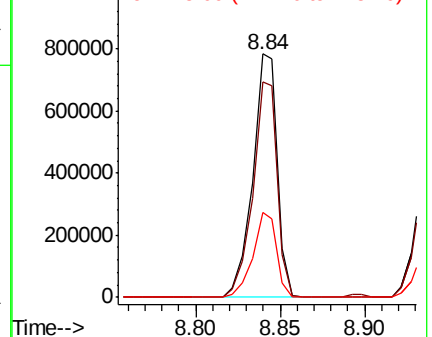


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 52.276 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

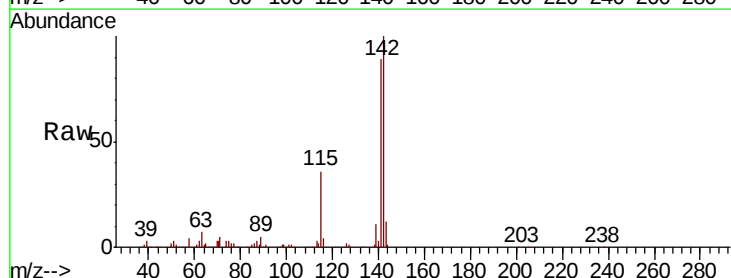
Tgt Ion:142 Resp: 744490

Ion Ratio Lower Upper

142 100

141 89.1 73.9 110.9

116 3.6 3.0 4.6

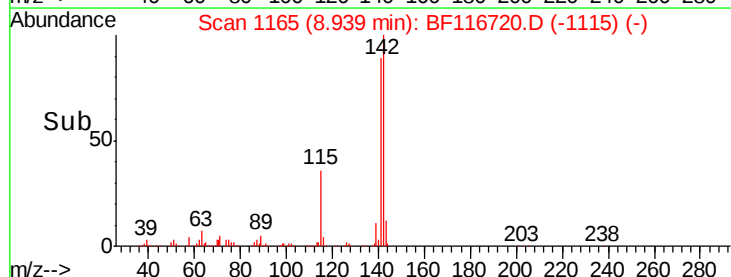
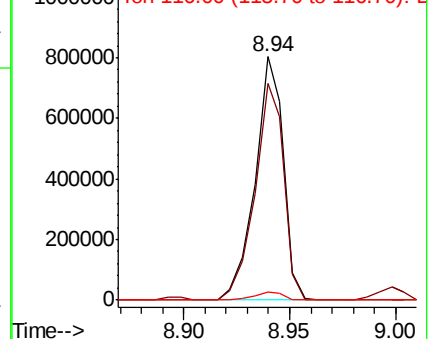


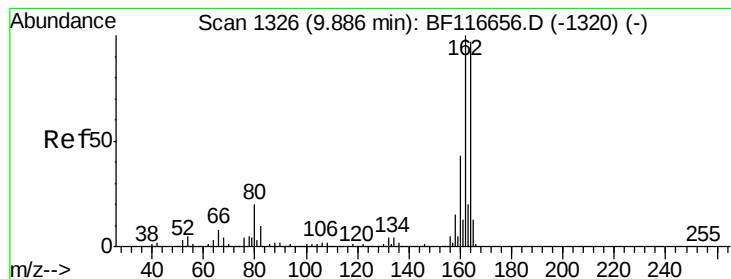
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

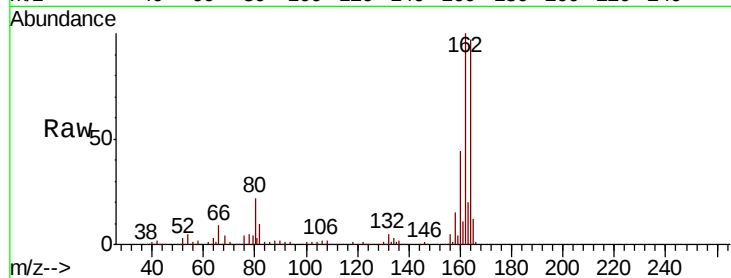
Tot Ion:164 Resp: 248510

Ion Ratio Lower Upper

164 100

162 102.8 81.4 122.0

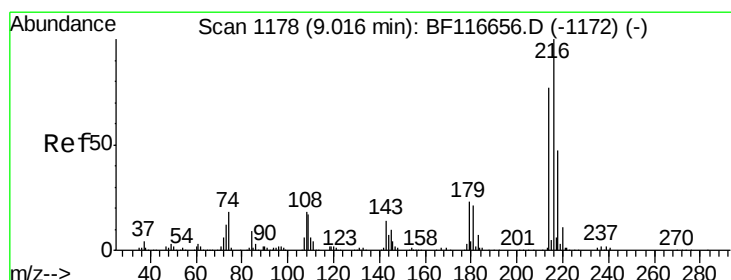
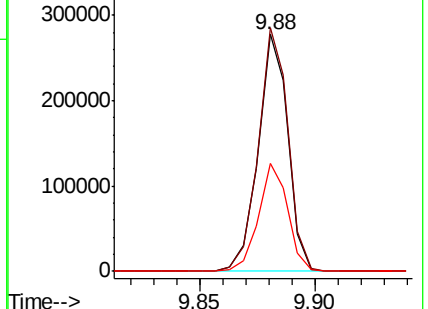
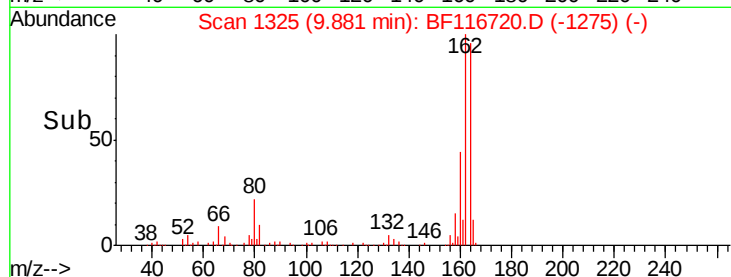
160 45.3 35.4 53.2



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: 48.250 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Tgt Ion:216 Resp: 287437

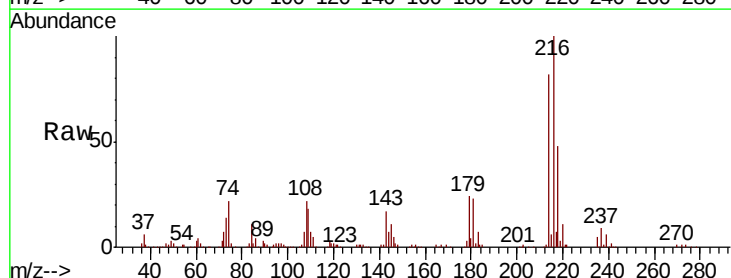
Ion Ratio Lower Upper

216 100

214 80.9 62.7 94.1

179 24.2 19.3 28.9

108 25.2 16.6 25.0#

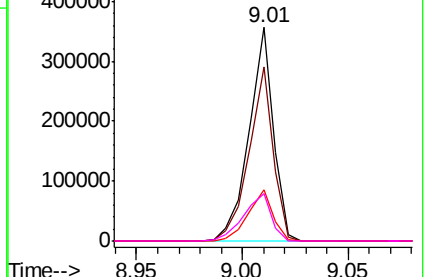
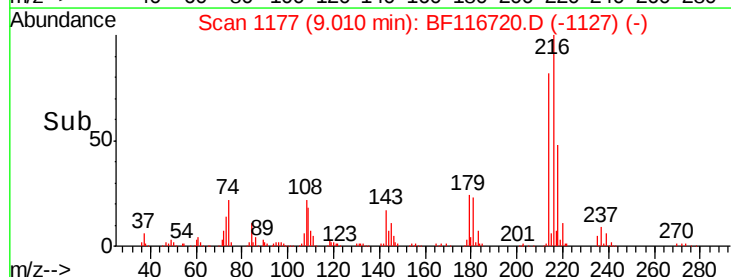


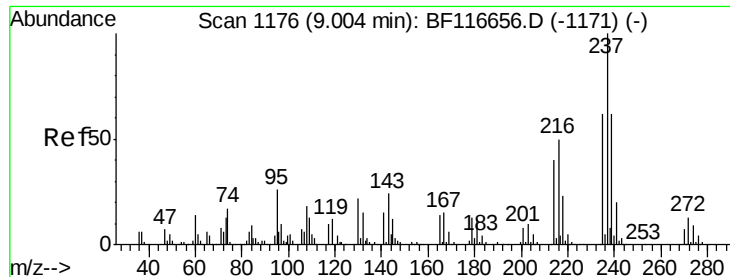
Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.677 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

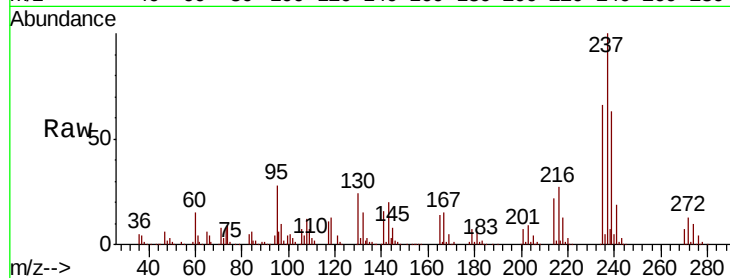
Tot Ion:237 Resp: 243138

Ion Ratio Lower Upper

237 100

235 65.5 41.4 81.4

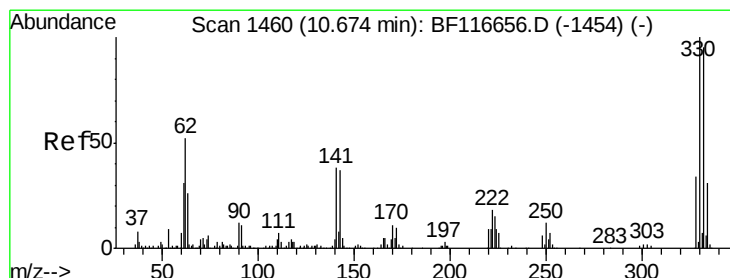
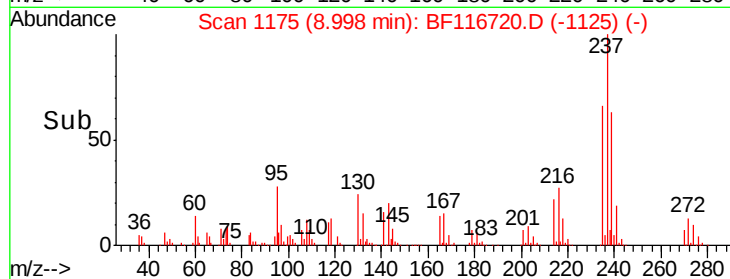
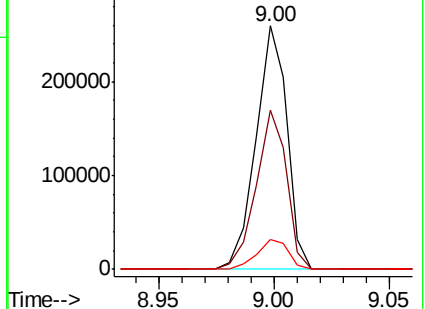
272 12.5 0.0 32.8



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: 168.018 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

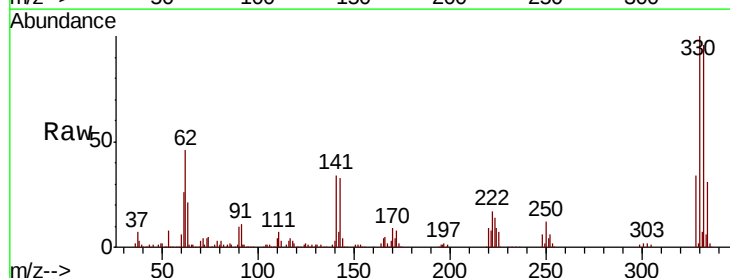
Tgt Ion:330 Resp: 279135

Ion Ratio Lower Upper

330 100

332 95.0 76.9 115.3

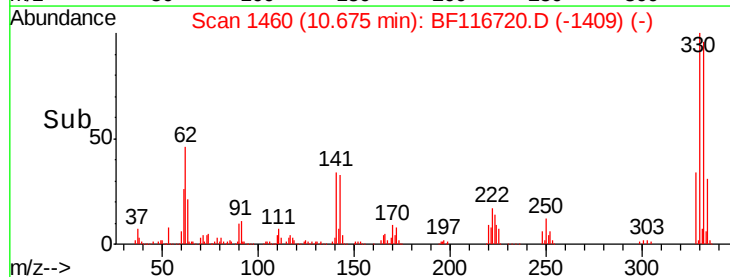
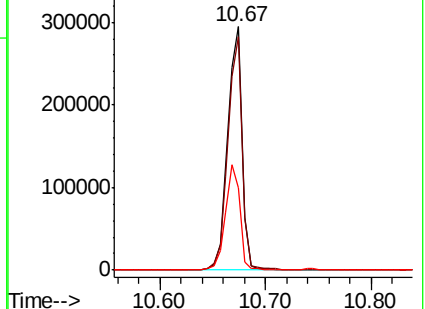
141 43.4 31.4 47.2

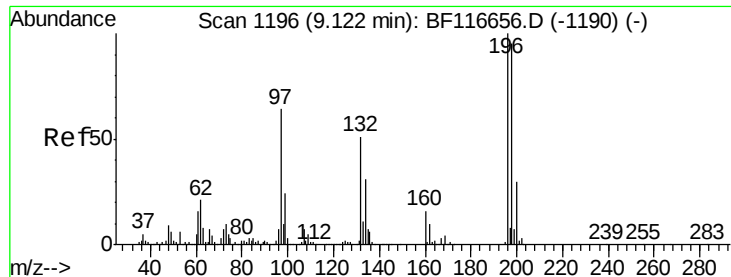


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

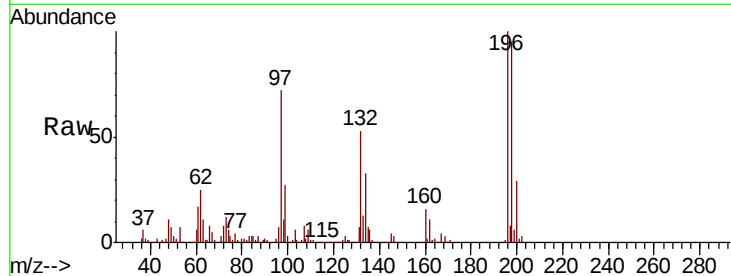




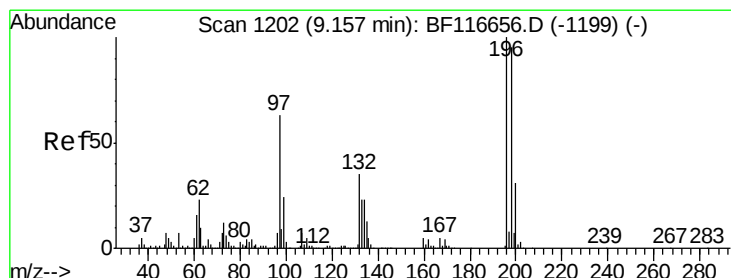
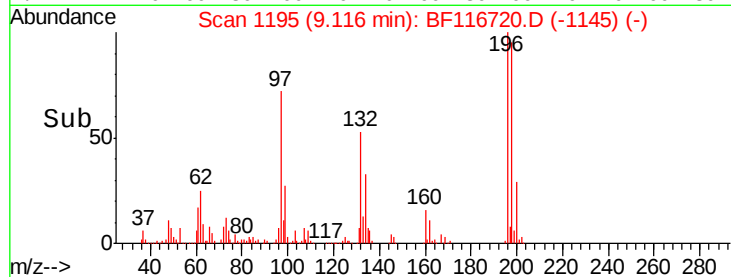
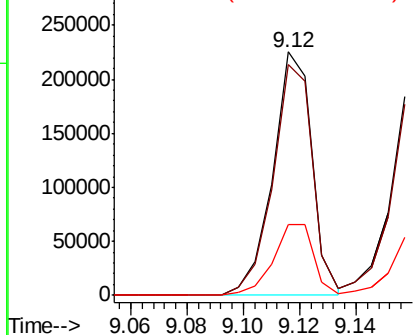
#43
 2,4,6-Trichlorophenol
 Concen: 53.100 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MSD

Tot Ion:196 Resp: 216844
 Ion Ratio Lower Upper
 196 100
 198 94.8 79.1 118.7
 200 29.2 24.0 36.0

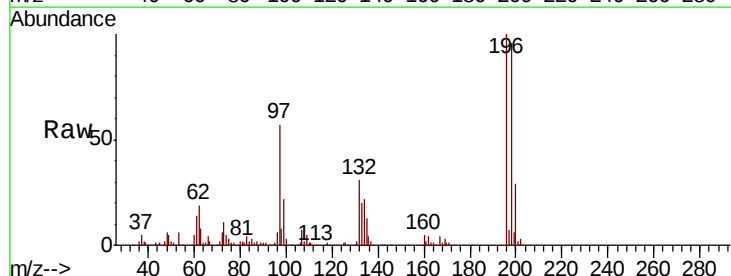


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

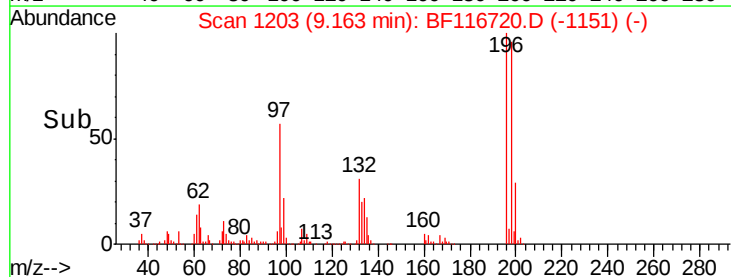
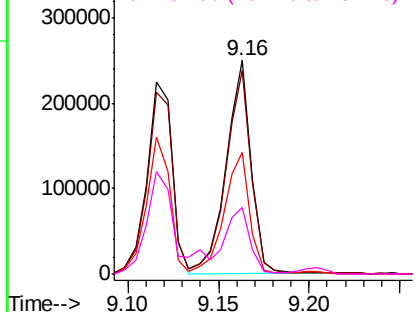


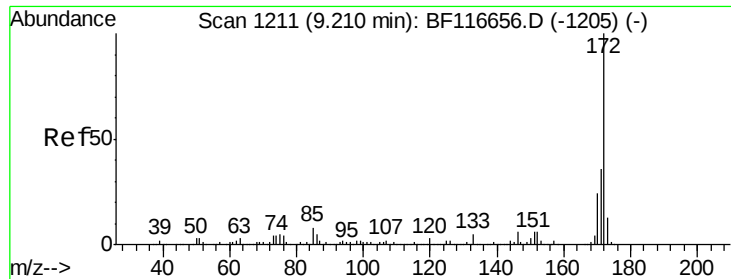
#44
 2,4,5-Trichlorophenol
 Concen: 56.363 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Tgt Ion:196 Resp: 238956
 Ion Ratio Lower Upper
 196 100
 198 95.6 78.1 117.1
 97 57.1 41.6 62.4
 132 31.1 23.5 35.3



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

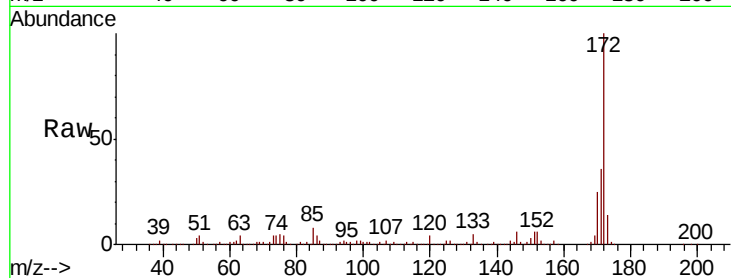




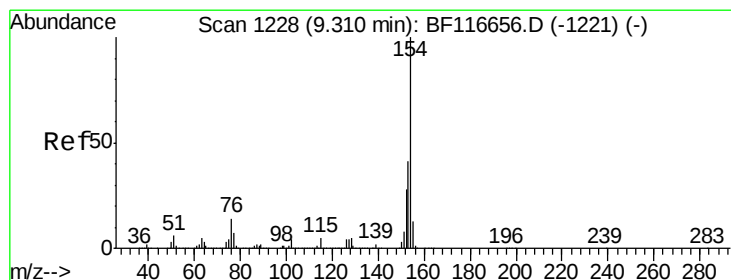
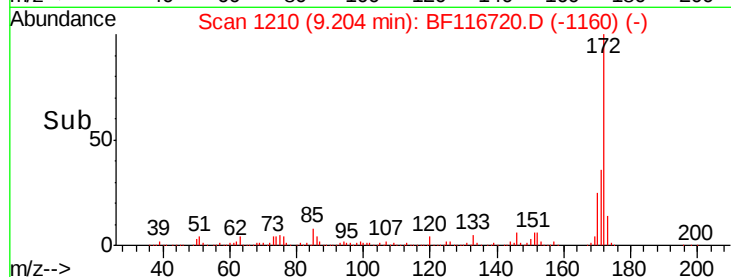
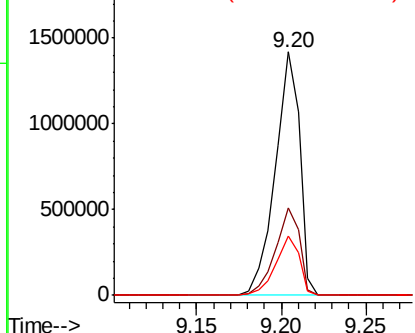
#45
2-Fluorobiphenyl
Concen: 96.527 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion:172 Resp: 1422010
Ion Ratio Lower Upper
172 100
171 36.1 27.8 41.6
170 24.5 18.9 28.3

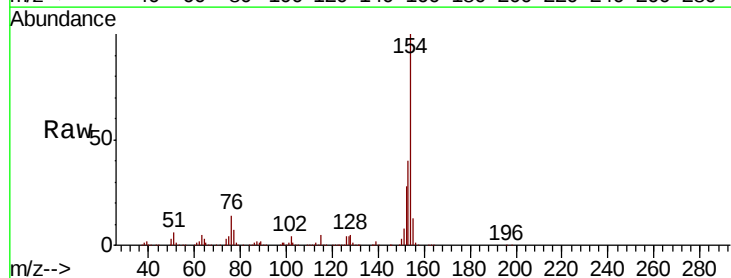


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

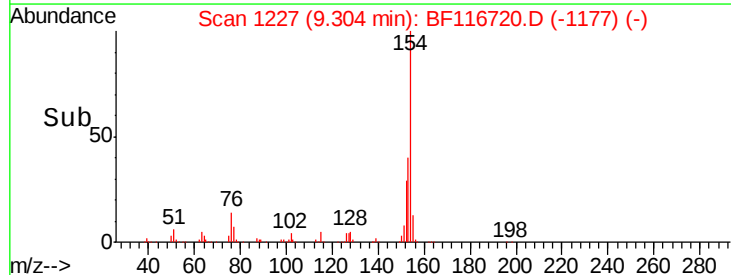
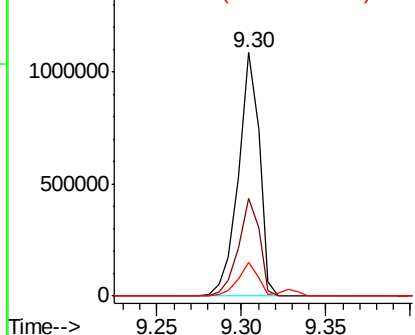


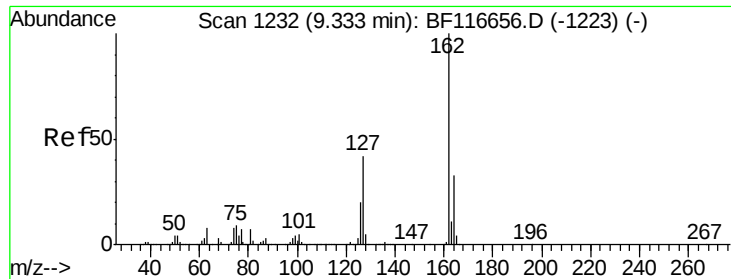
#46
1,1'-Biphenyl
Concen: 49.950 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion:154 Resp: 941915
Ion Ratio Lower Upper
154 100
153 40.2 21.2 61.2
76 14.0 0.0 30.9



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

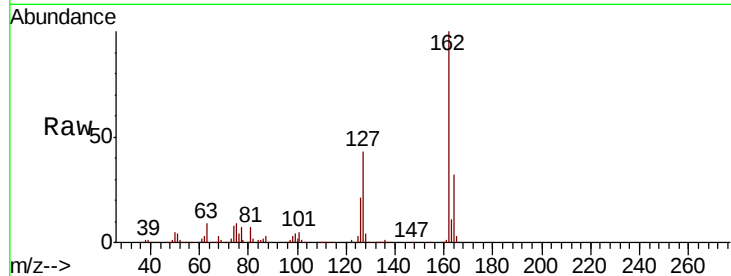




#47
2-Chloronaphthalene
Concen: 49.556 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	33.4	50.2
164	32.3	26.6	39.8

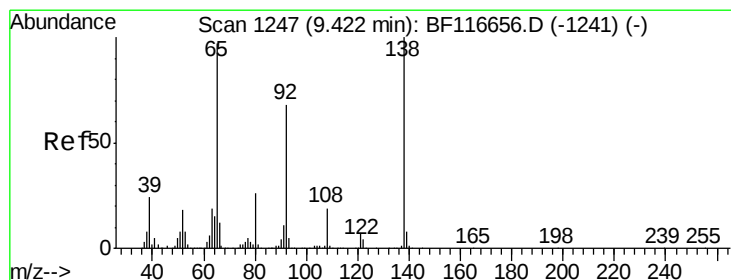
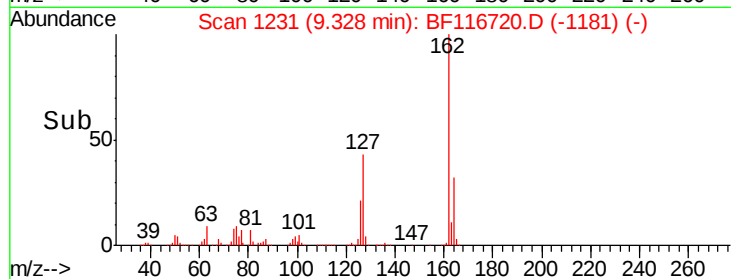
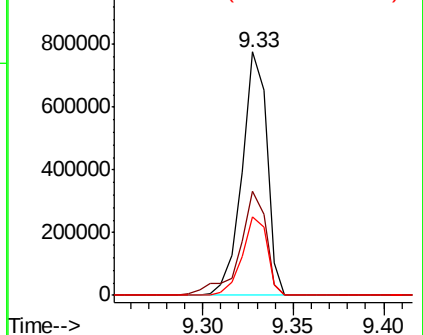


Abundance

Ion 162.00 (161.70 to 162.70): E

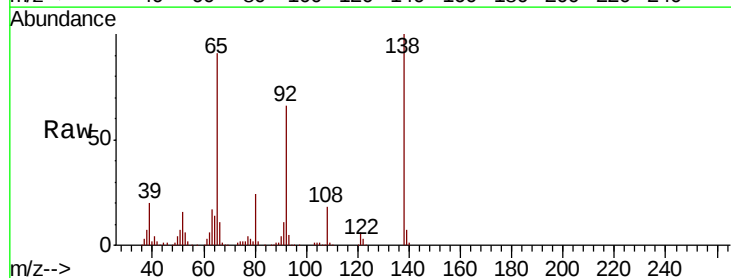
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 57.059 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	57.1	85.7
138	110.0	88.2	132.2

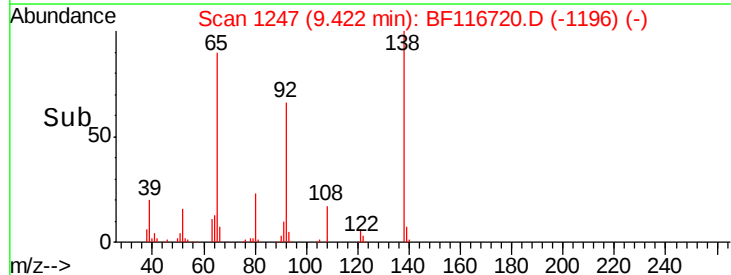
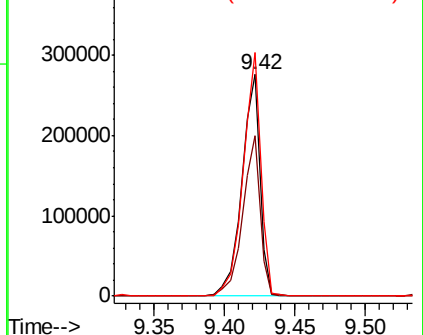


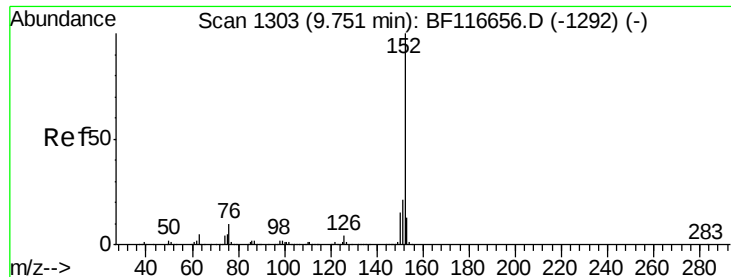
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 52.548 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

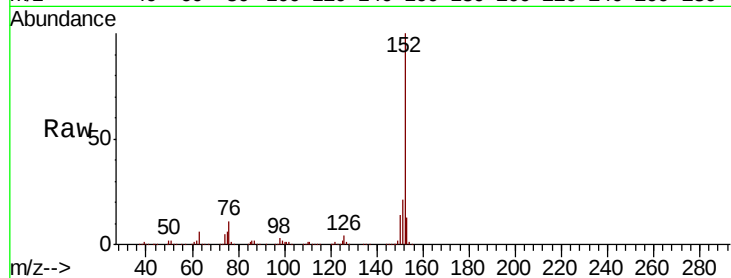
Tot Ion:152 Resp: 1186381

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

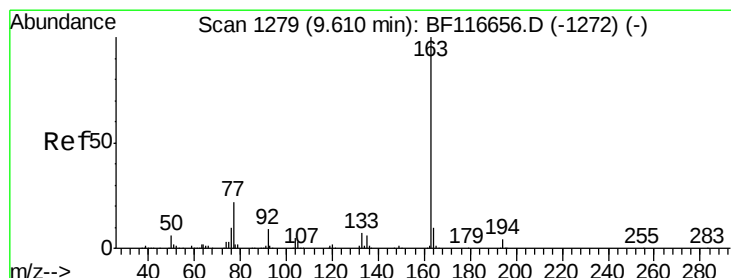
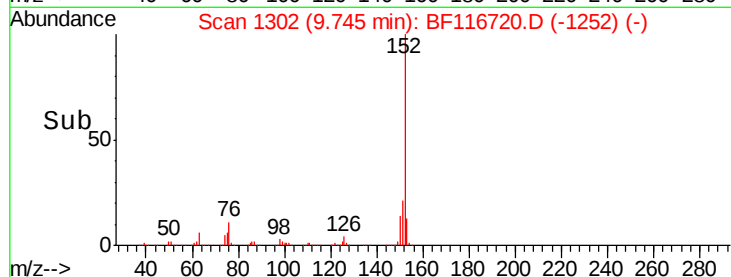
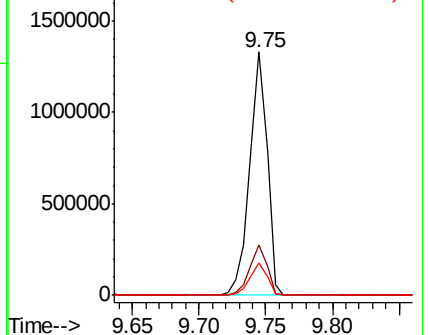
153 13.3 10.9 16.3



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: 51.279 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

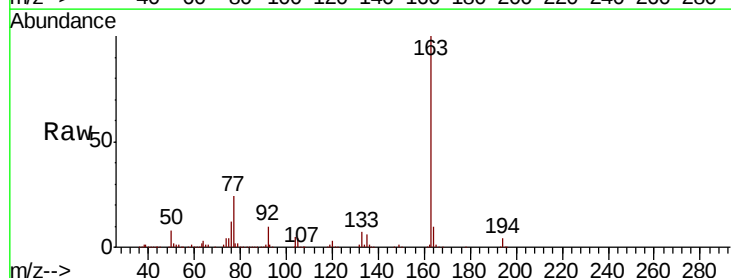
Tgt Ion:163 Resp: 879790

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

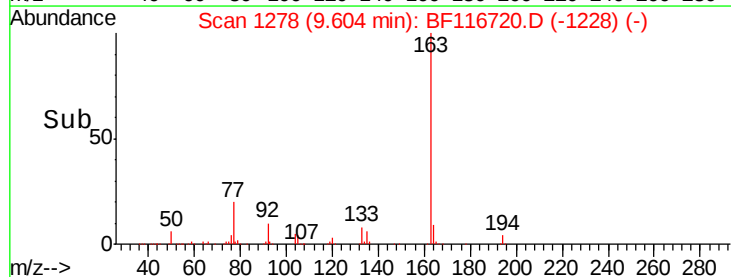
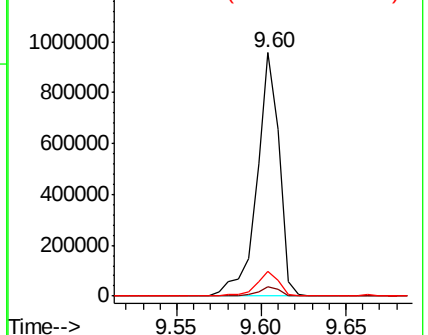
164 10.2 8.6 12.8

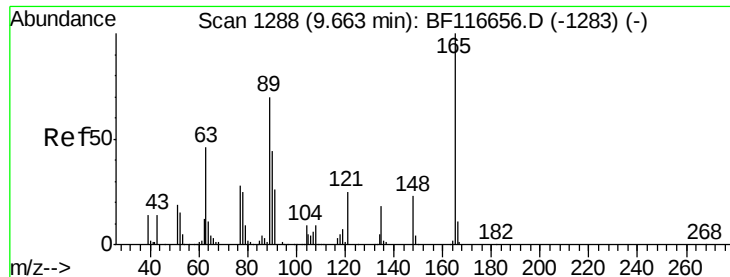


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

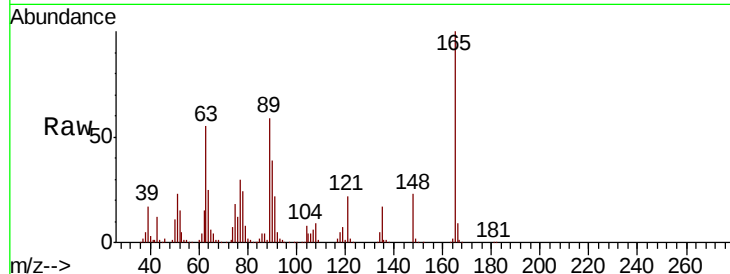




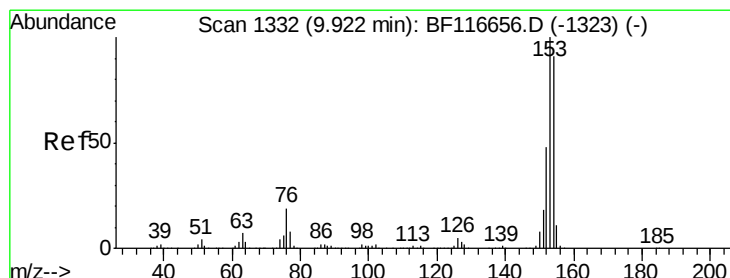
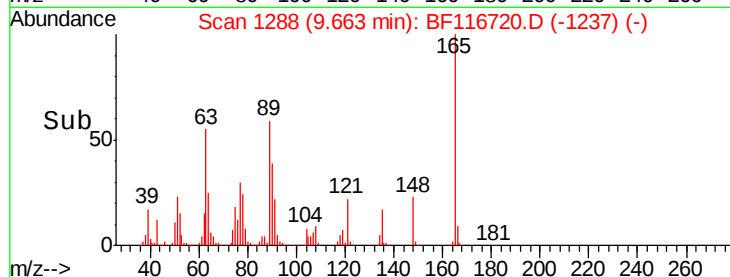
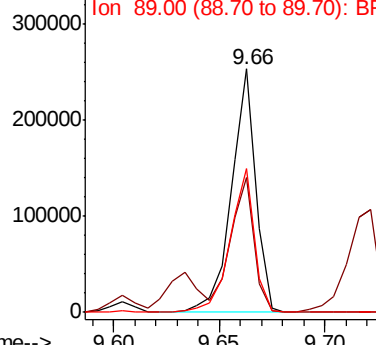
#51
2,6-Dinitrotoluene
Concen: 61.974 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion:165 Resp: 202870
Ion Ratio Lower Upper
165 100
63 55.2 47.3 70.9
89 59.3 52.5 78.7

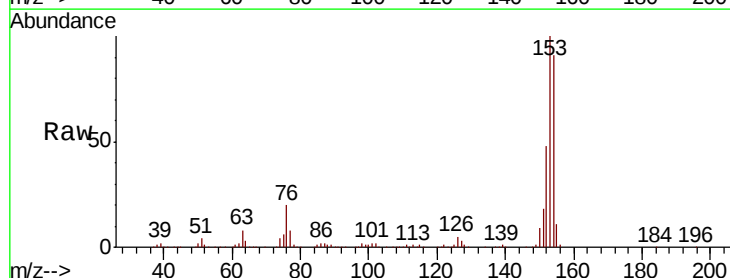


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

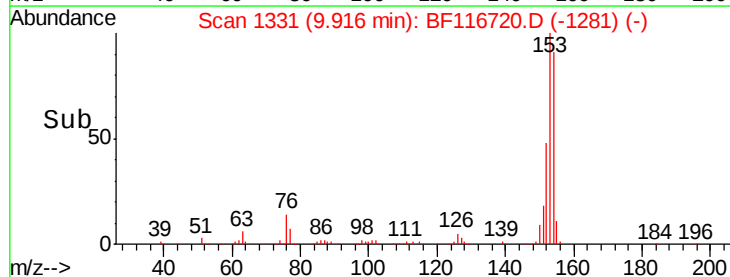
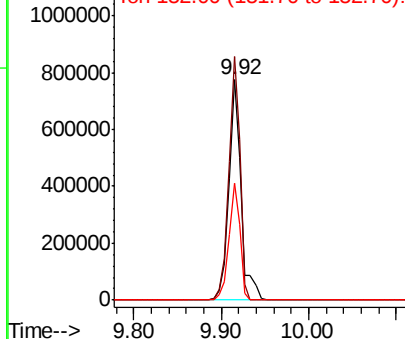


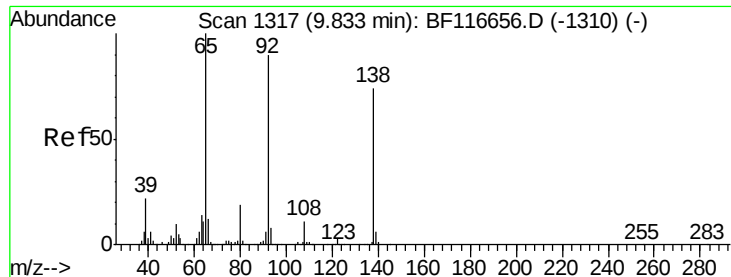
#52
Acenaphthene
Concen: 53.720 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion:154 Resp: 745213
Ion Ratio Lower Upper
154 100
153 110.4 89.5 134.3
152 53.2 41.9 62.9



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

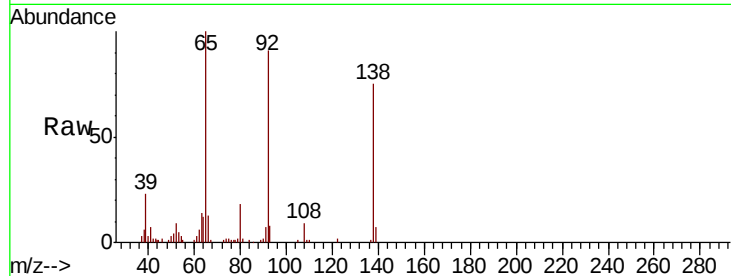




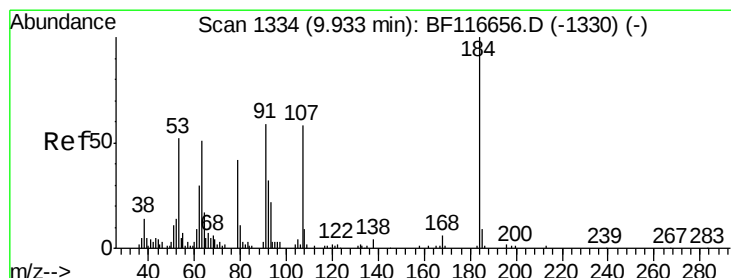
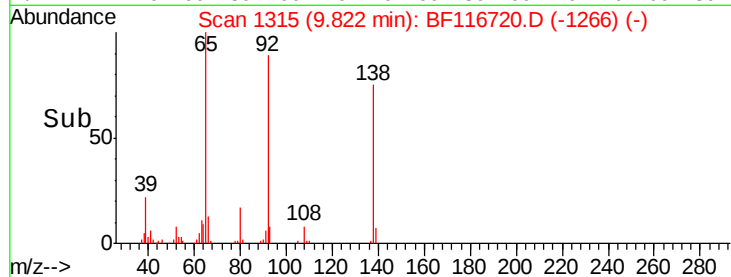
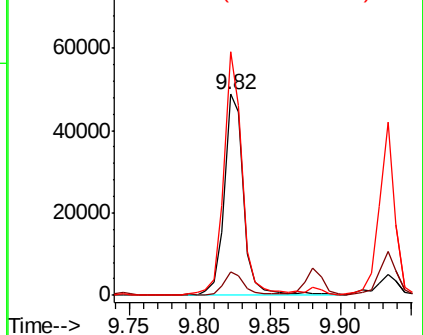
#53
3-Nitroaniline
Concen: 11.359 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion:138 Resp: 46599
Ion Ratio Lower Upper
138 100
108 11.5 8.5 12.7
92 121.0 87.2 130.8

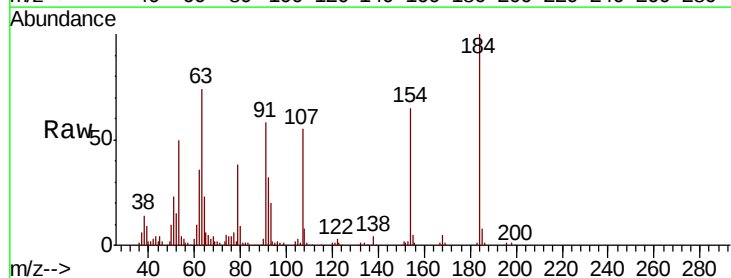


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

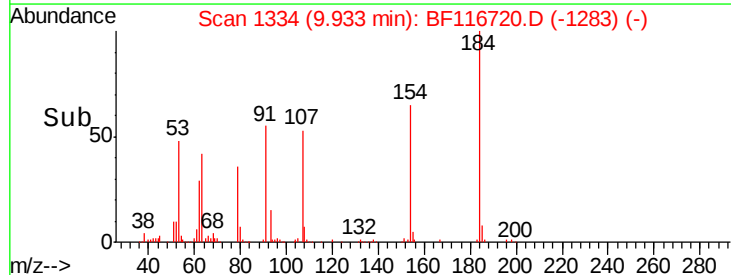
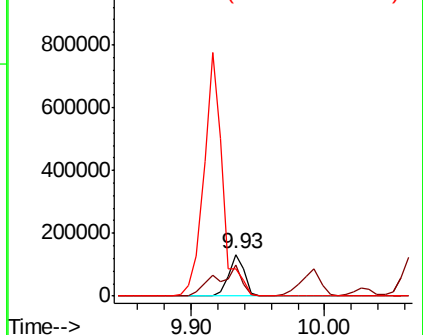


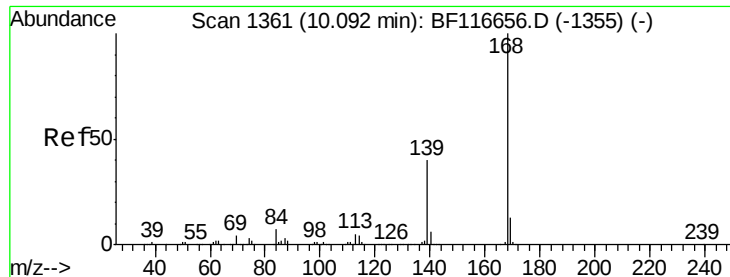
#54
2,4-Dinitrophenol
Concen: 93.010 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion:184 Resp: 109957
Ion Ratio Lower Upper
184 100
63 74.0 52.2 78.2
154 65.0 60.8 91.2



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





#55

Dibenzofuran

Concen: 53.585 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

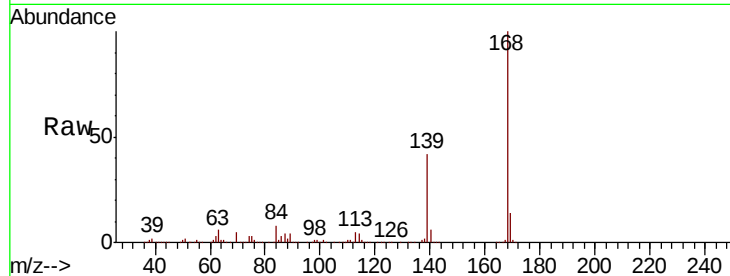
Tot Ion:168 Resp: 1047894

Ion Ratio Lower Upper

168 100

139 41.7 31.5 47.3

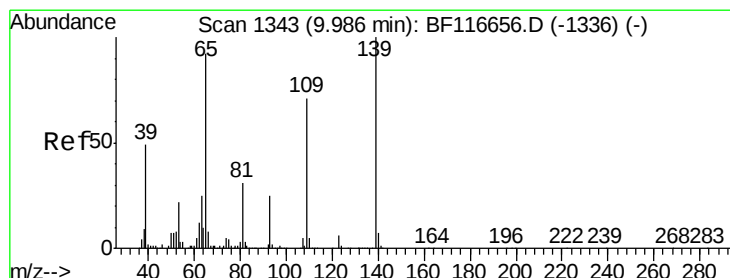
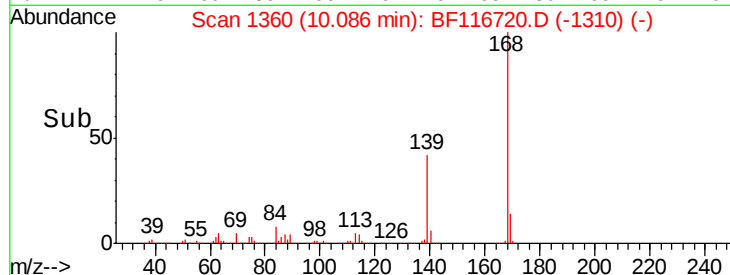
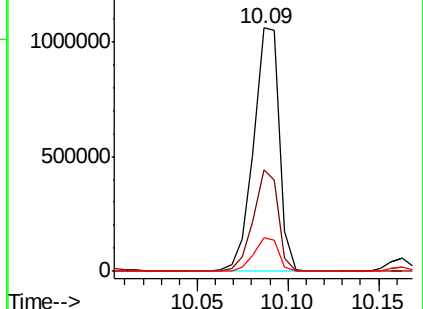
169 13.6 10.3 15.5



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: 115.269 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

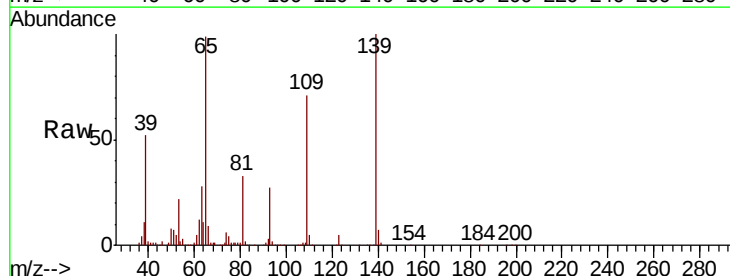
Tgt Ion:139 Resp: 324233

Ion Ratio Lower Upper

139 100

109 71.4 61.7 101.7

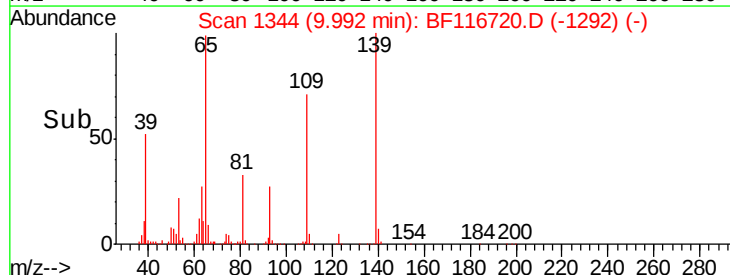
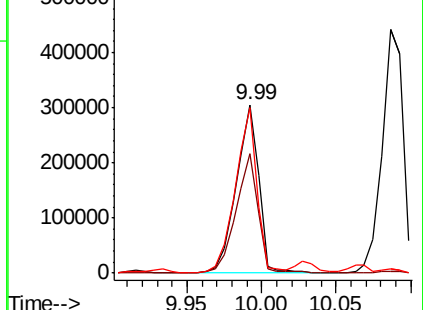
65 98.5 89.1 129.1

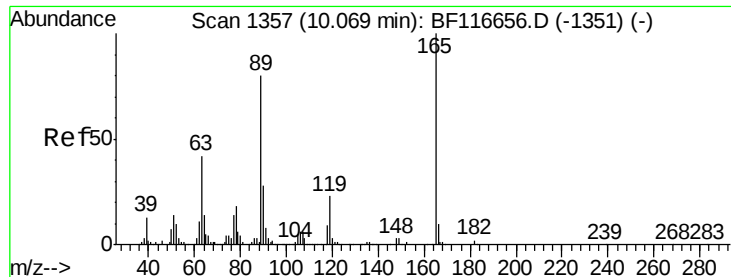


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 68.744 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

Tot Ion:165 Resp: 275155

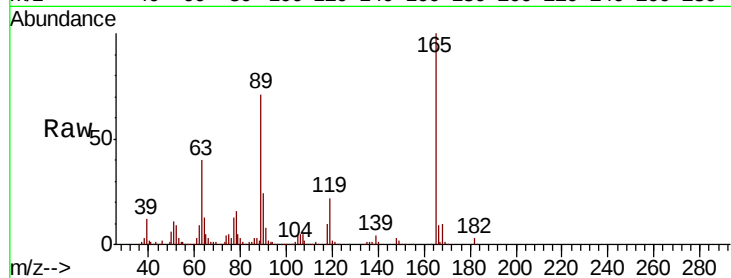
Ion Ratio Lower Upper

165 100

63 40.1 36.4 54.6

89 71.4 62.6 94.0

182 2.7 2.1 3.1

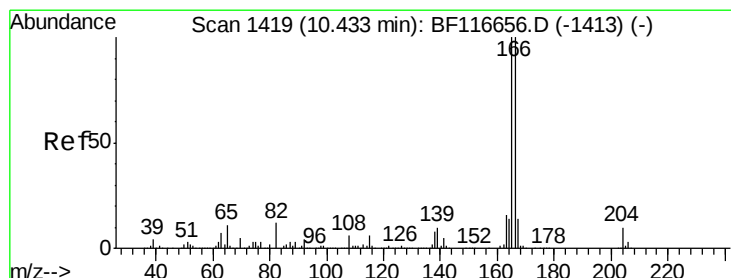
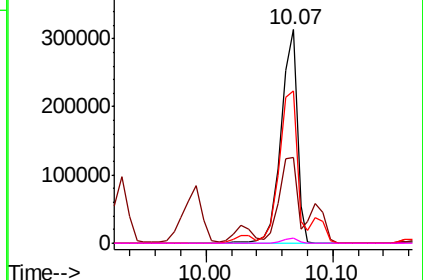
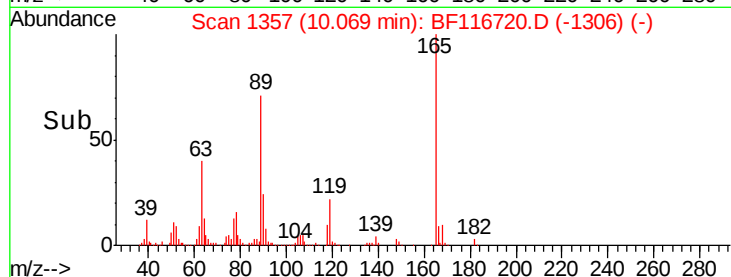


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 53.551 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

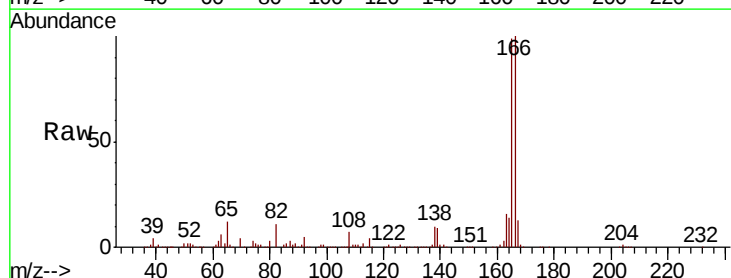
Tgt Ion:166 Resp: 797949

Ion Ratio Lower Upper

166 100

165 98.8 78.8 118.2

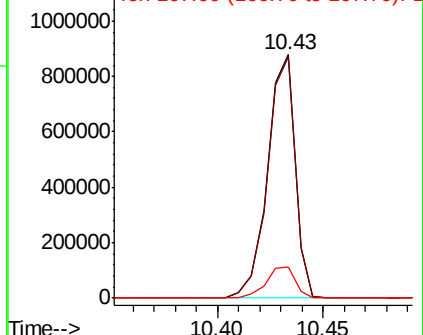
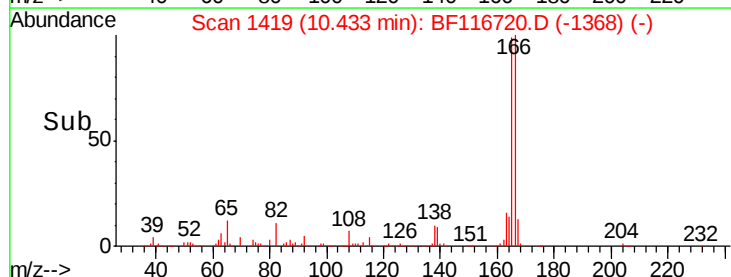
167 13.0 10.0 15.0

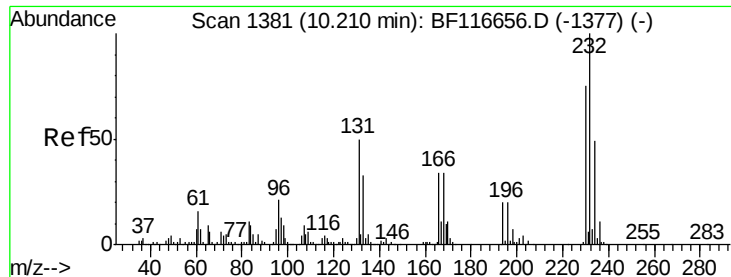


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

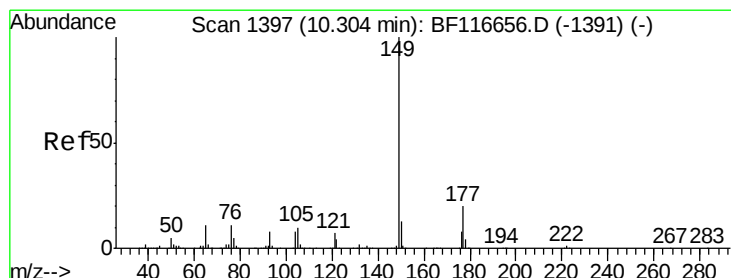
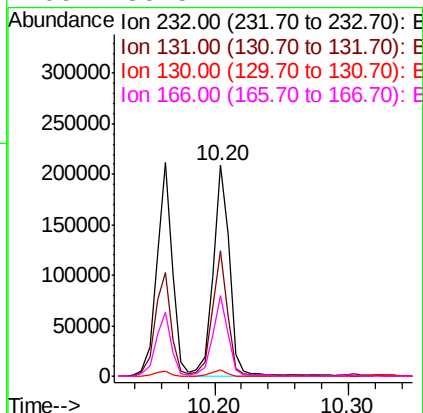
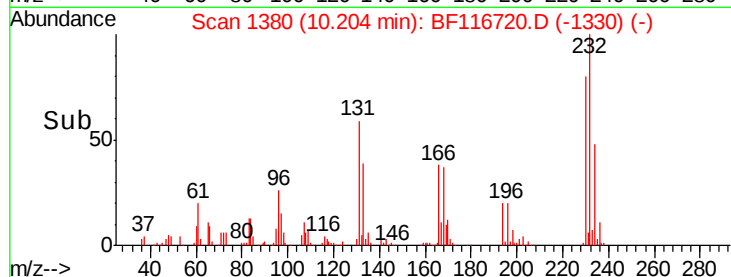
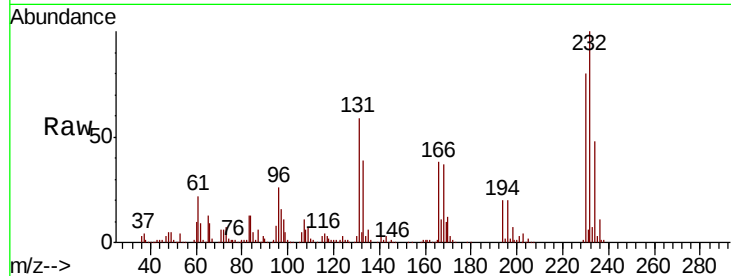




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.494 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

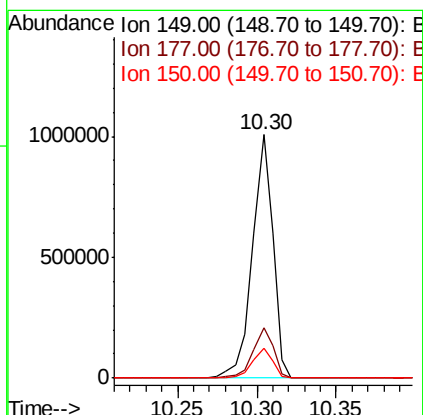
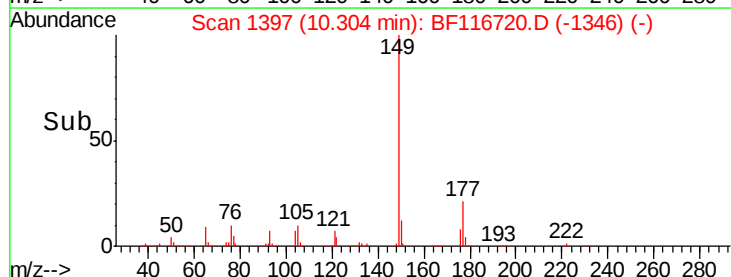
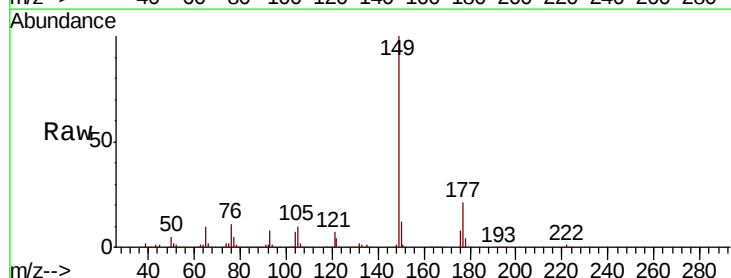
Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

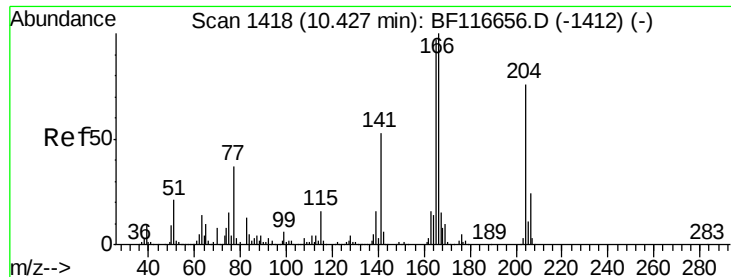
Tot Ion:232 Resp: 178978
Ion Ratio Lower Upper
232 100
131 56.7 42.7 64.1
130 2.6 1.9 2.9
166 36.5 27.4 41.2



#60
Diethylphthalate
Concen: 52.555 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion:149 Resp: 903227
Ion Ratio Lower Upper
149 100
177 20.6 17.2 25.8
150 12.4 9.7 14.5

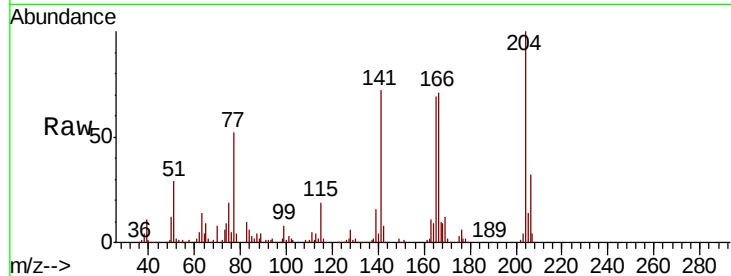




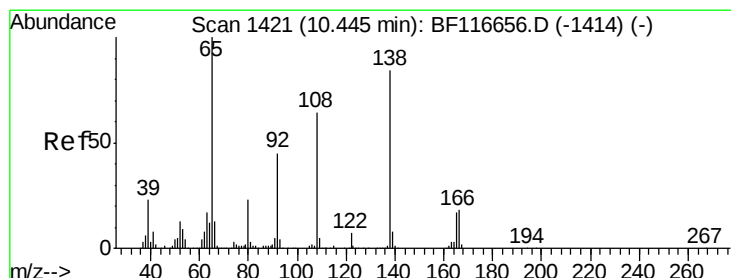
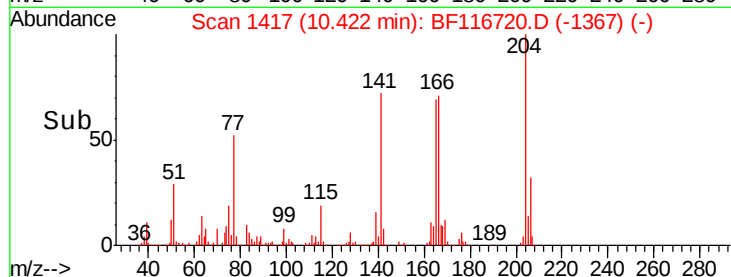
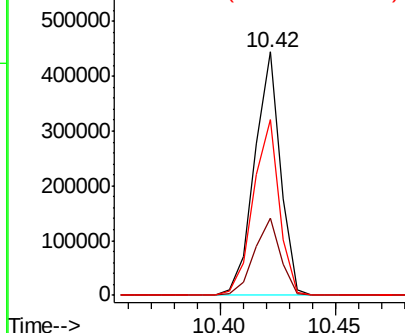
#61
4-Chlorophenyl-phenylether
Concen: 53.454 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion:204 Resp: 348785
Ion Ratio Lower Upper
204 100
206 31.7 25.4 38.2
141 72.1 53.8 80.8

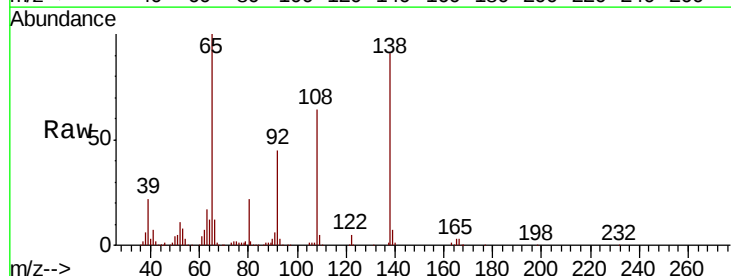


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

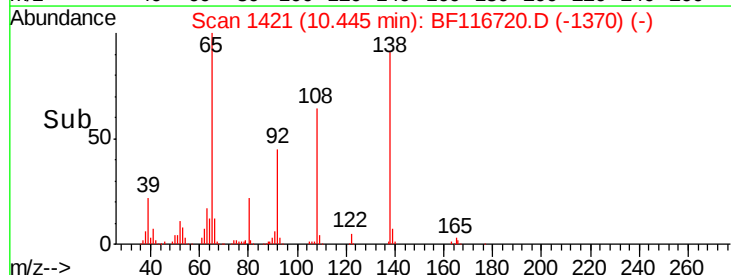
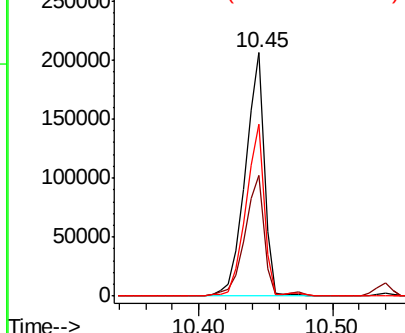


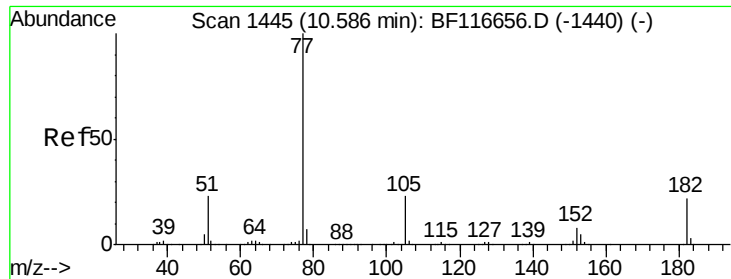
#62
4-Nitroaniline
Concen: 50.877 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion:138 Resp: 202547
Ion Ratio Lower Upper
138 100
92 49.5 28.7 68.7
108 70.6 60.4 100.4



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

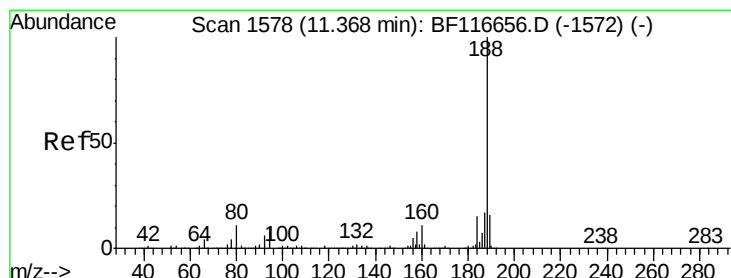
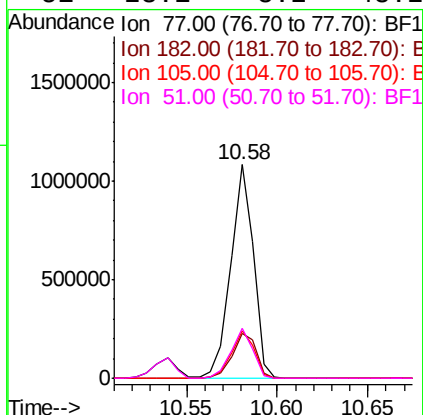
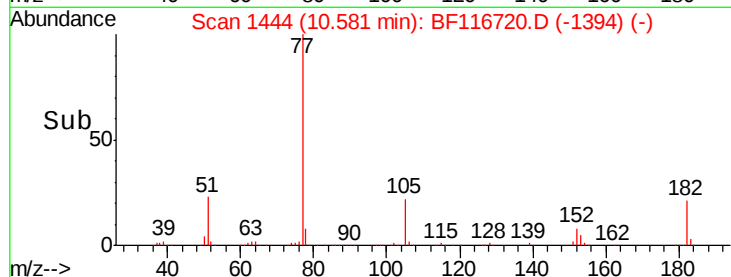
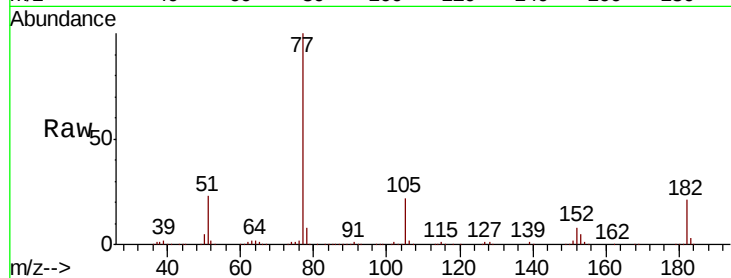




#63
Azobenzene
Concen: 52.917 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

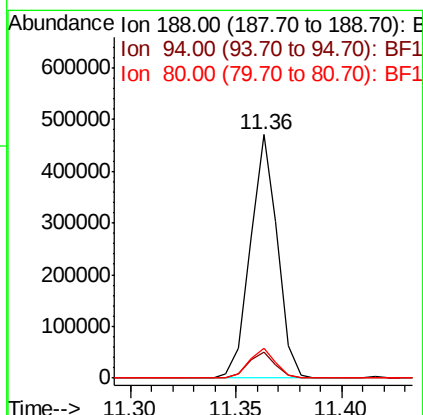
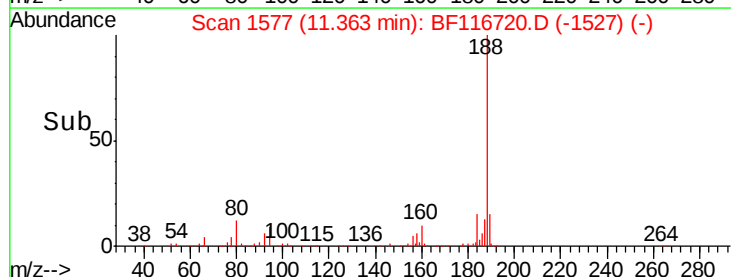
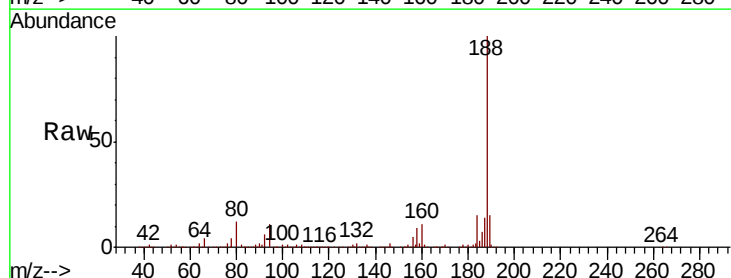
Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

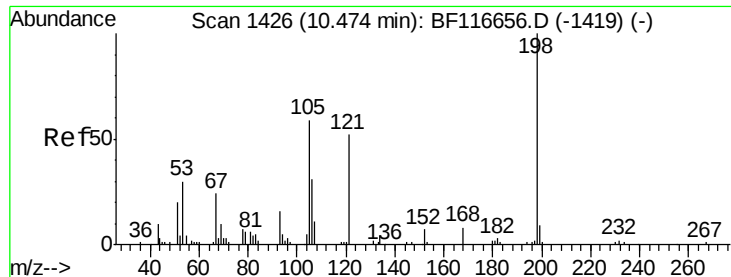
Tot Ion:	77	Resp:	948291
Ion	Ratio	Lower	Upper
77	100		
182	21.1	1.2	41.2
105	22.2	0.6	40.6
51	23.1	8.2	48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion:	188	Resp:	418336
Ion	Ratio	Lower	Upper
188	100		
94	10.8	7.3	10.9
80	12.5	8.4	12.6

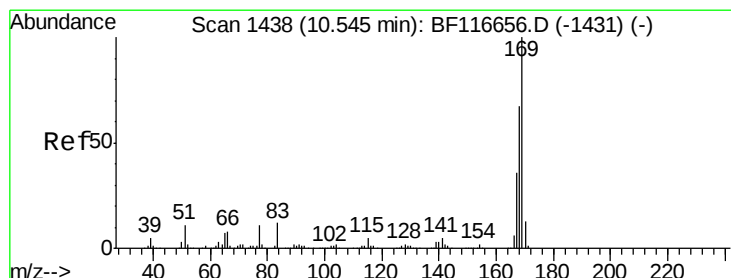
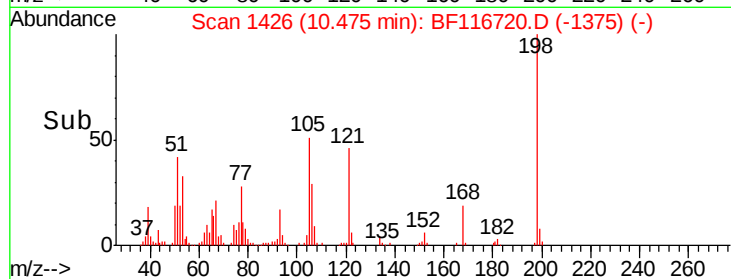
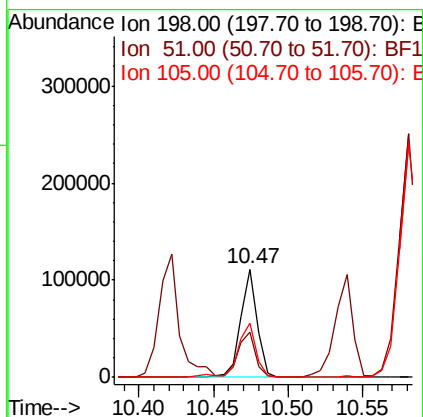
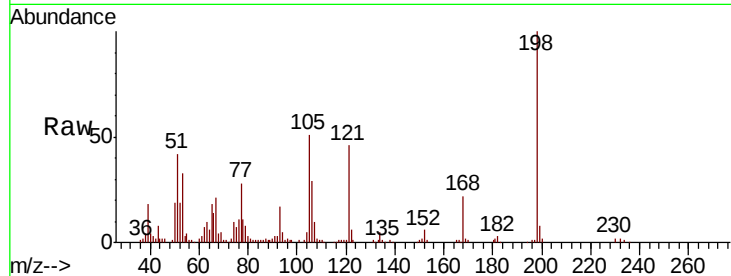




#65
4,6-Dinitro-2-methylphenol
Concen: 54.457 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

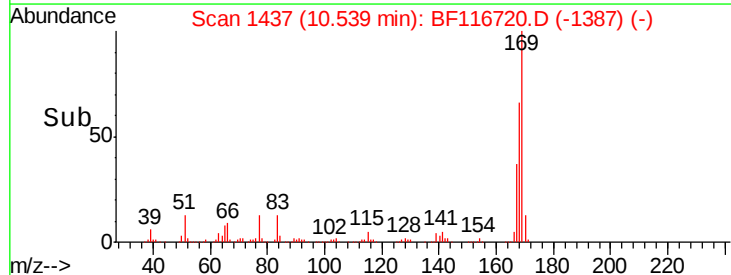
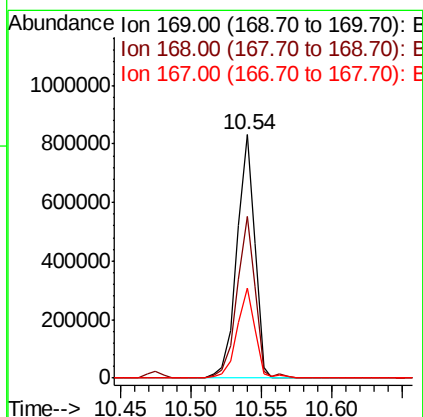
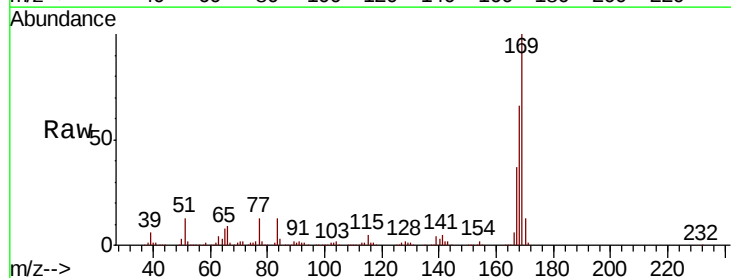
Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

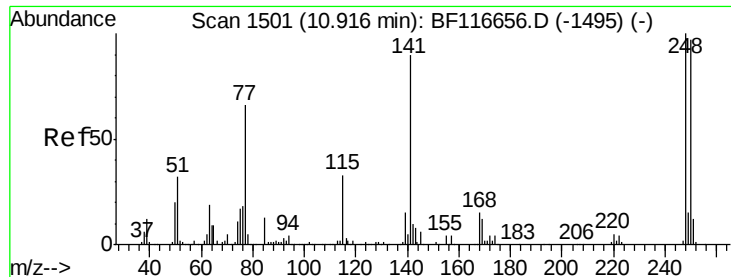
Tot Ion:198 Resp: 85731
Ion Ratio Lower Upper
198 100
51 42.1 18.4 58.4
105 50.6 22.9 62.9



#66
n-Nitrosodiphenylamine
Concen: 50.621 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion:169 Resp: 732577
Ion Ratio Lower Upper
169 100
168 66.4 55.8 83.6
167 36.7 29.4 44.2

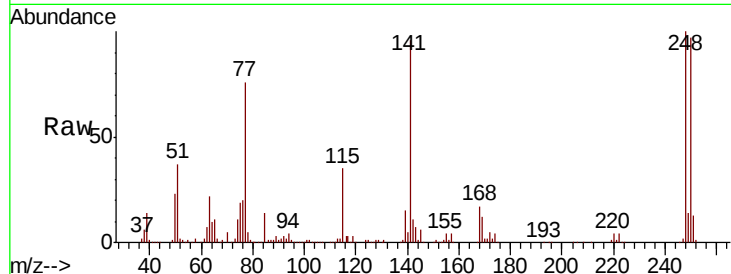




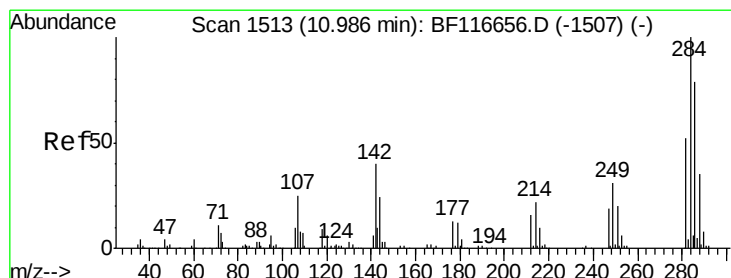
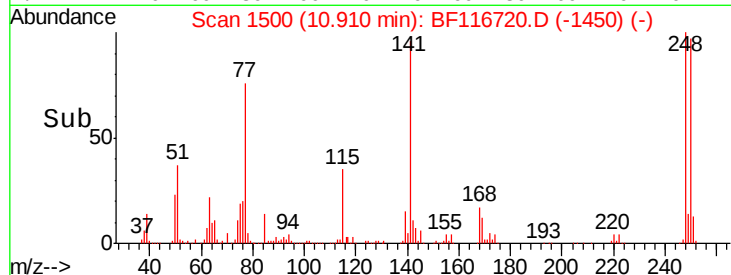
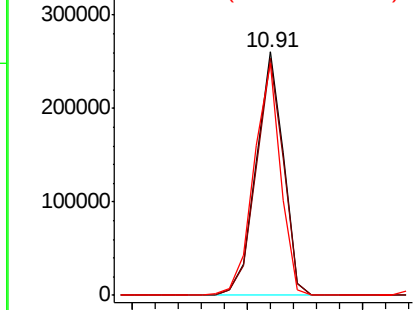
#67
4-Bromophenyl-phenylether
Concen: 50.577 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion:248 Resp: 214941
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 95.5 75.9 113.9

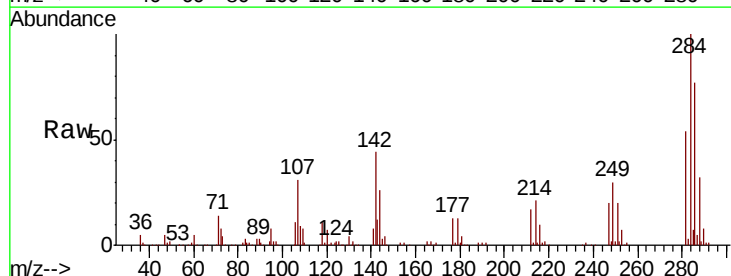


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

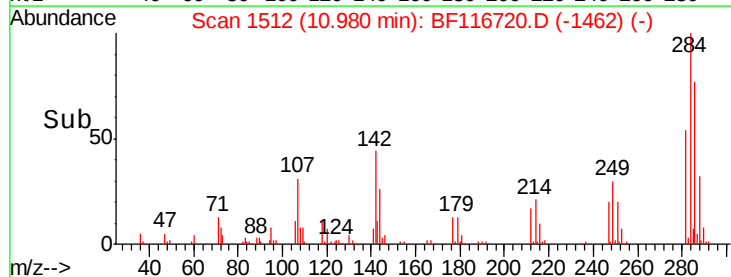
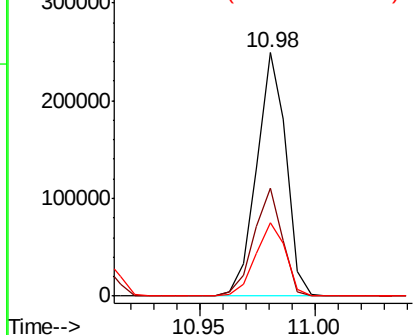


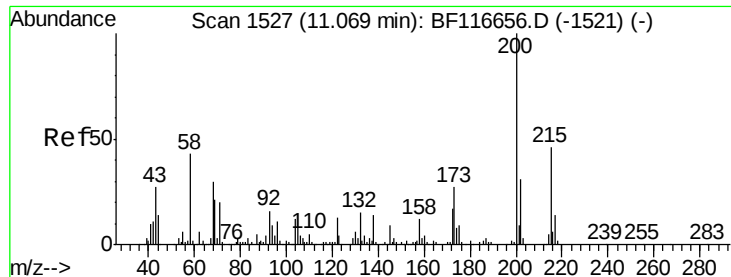
#68
Hexachlorobenzene
Concen: 49.679 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion:284 Resp: 220889
Ion Ratio Lower Upper
284 100
142 44.3 34.0 51.0
249 30.0 26.4 39.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

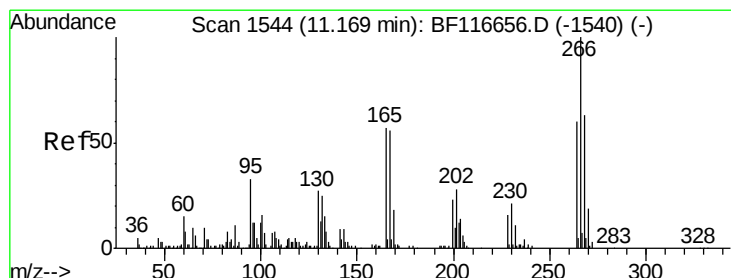
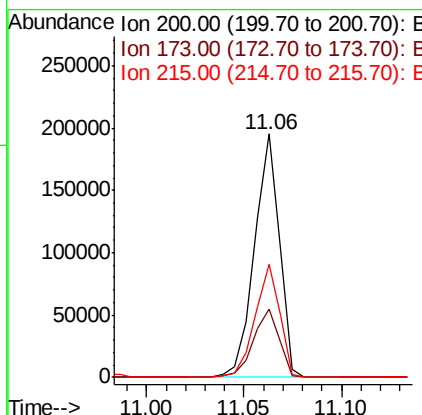
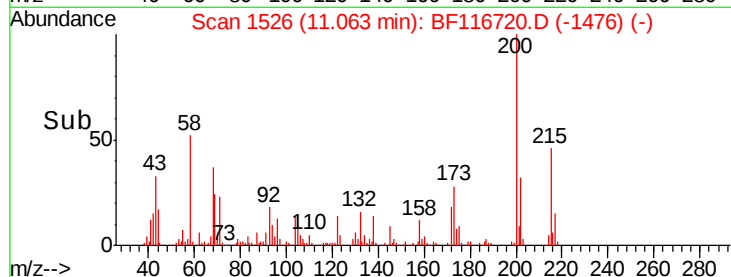
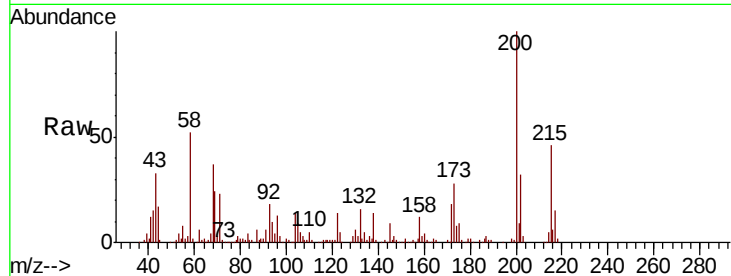




#69
Atrazine
Concen: 42.527 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

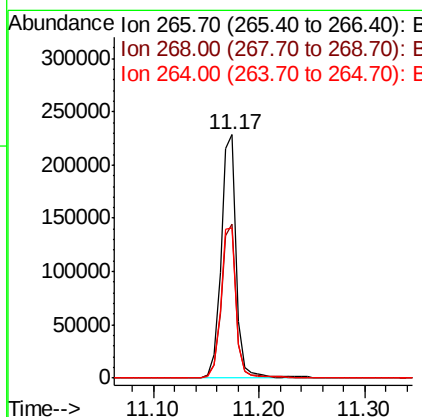
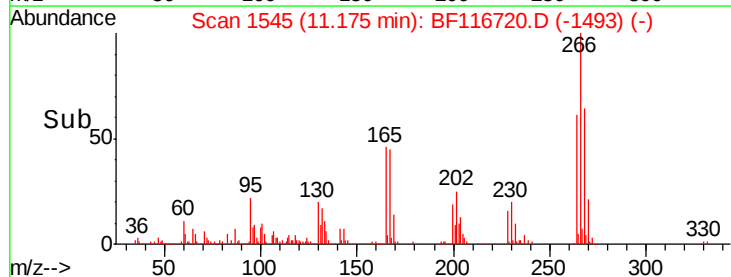
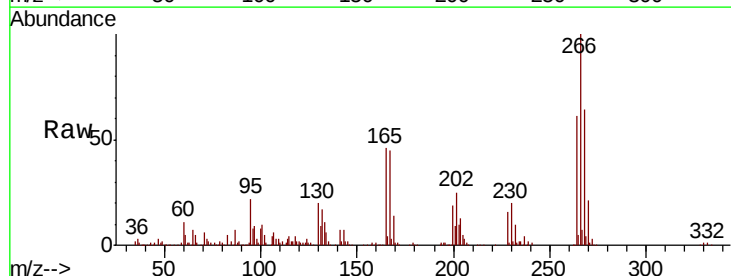
Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

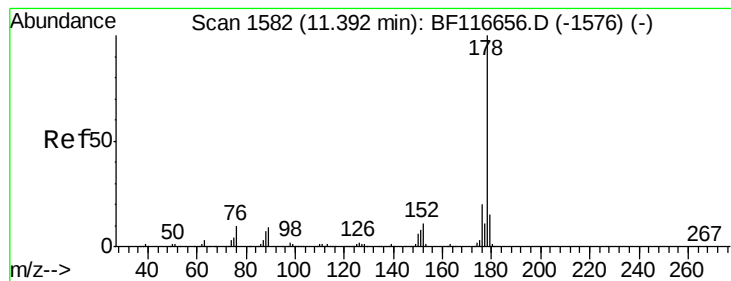
Tot Ion:200 Resp: 172366
Ion Ratio Lower Upper
200 100
173 28.3 6.2 46.2
215 46.2 24.3 64.3



#70
Pentachlorophenol
Concen: 107.910 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion:266 Resp: 232103
Ion Ratio Lower Upper
266 100
268 63.5 51.2 76.8
264 61.4 51.9 77.9





#71

Phenanthrene

Concen: 51.127 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

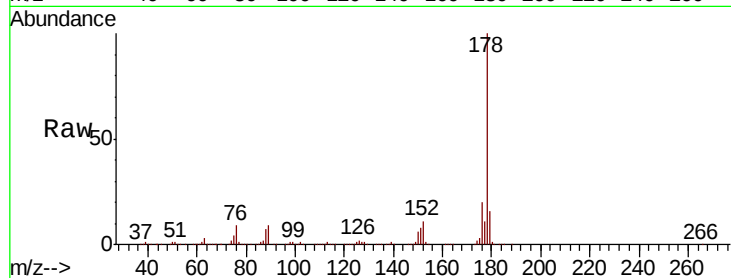
Tot Ion:178 Resp: 1190613

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

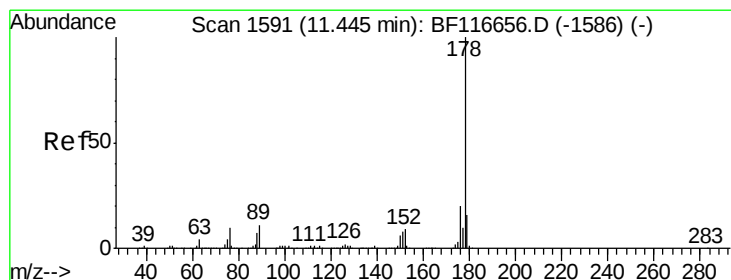
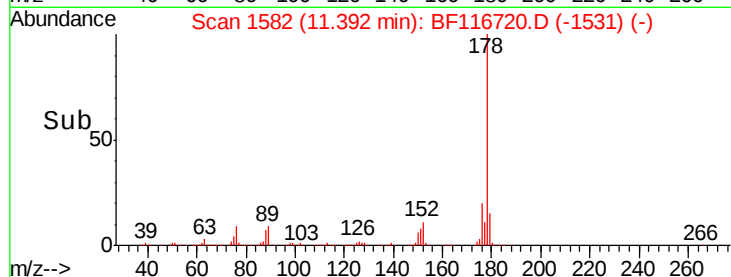
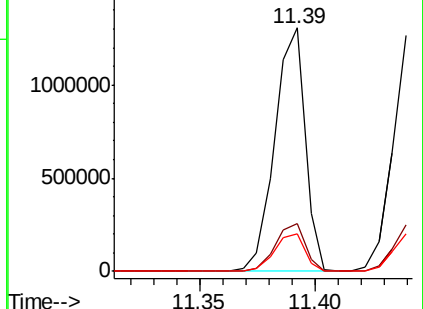
179 15.6 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.493 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

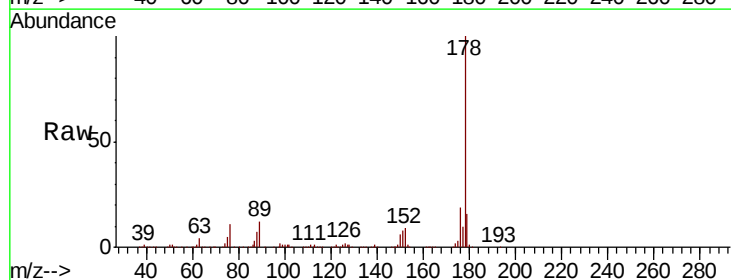
Tgt Ion:178 Resp: 1230530

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

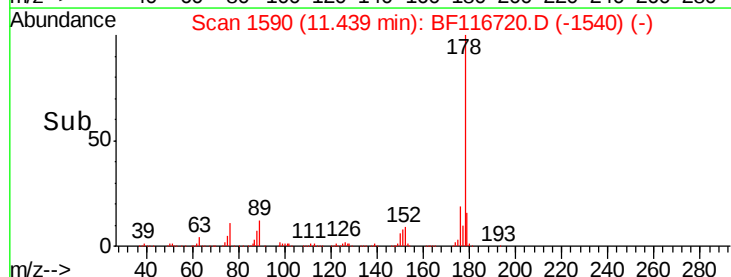
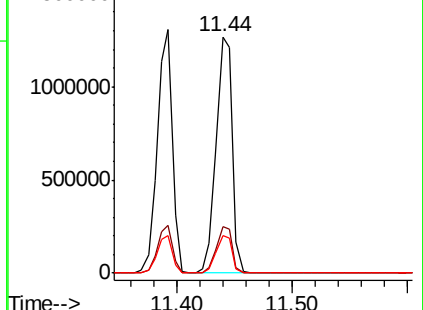
179 16.1 12.5 18.7

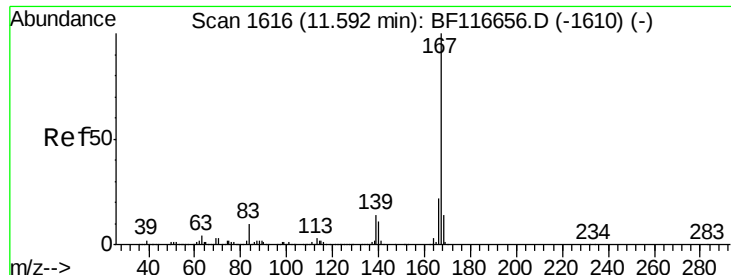


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

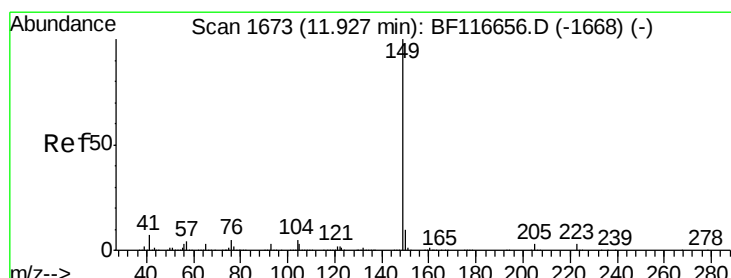
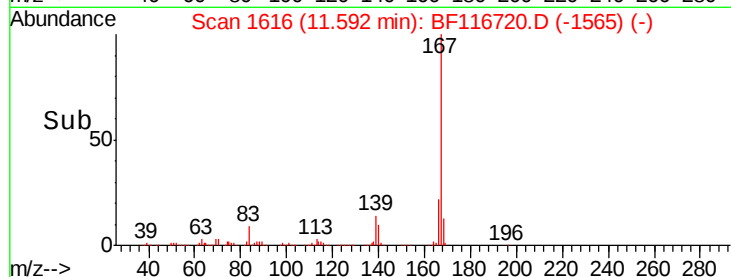
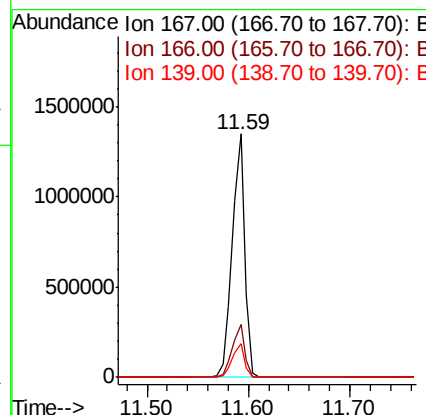
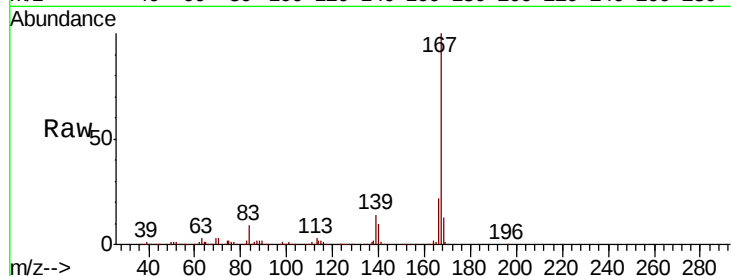




#73
 Carbazole
 Concen: 52.397 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

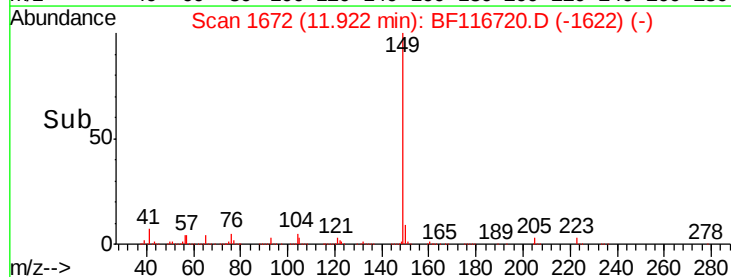
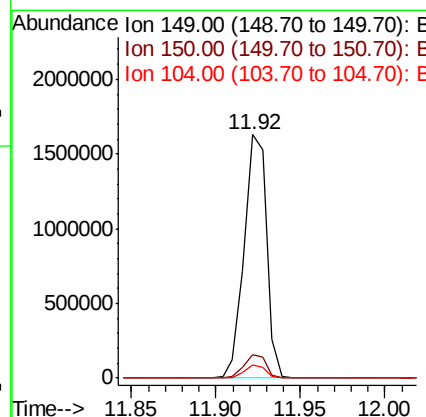
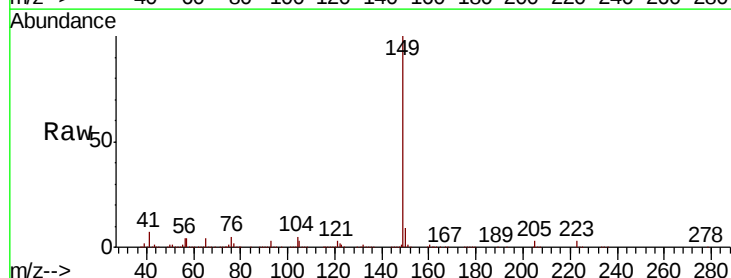
Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MSD

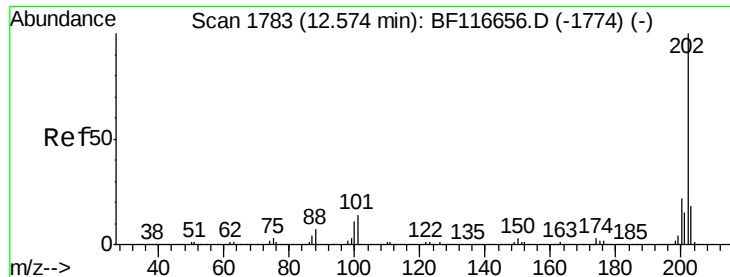
Tot Ion:167 Resp: 1170022
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.7 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 52.904 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Tgt Ion:149 Resp: 1514442
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 5.4 4.2 6.2





#75

Fluoranthene

Concen: 51.406 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

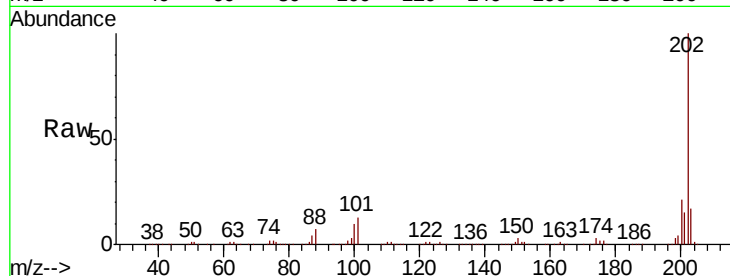
Tot Ion:202 Resp: 1176449

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.3

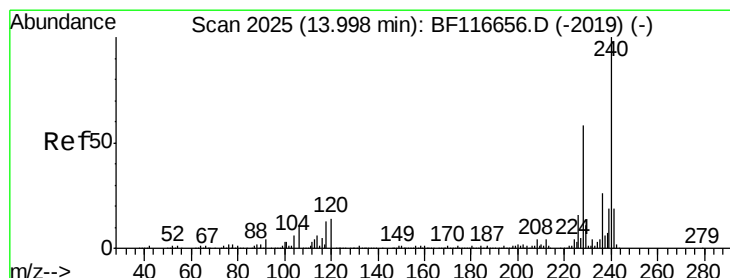
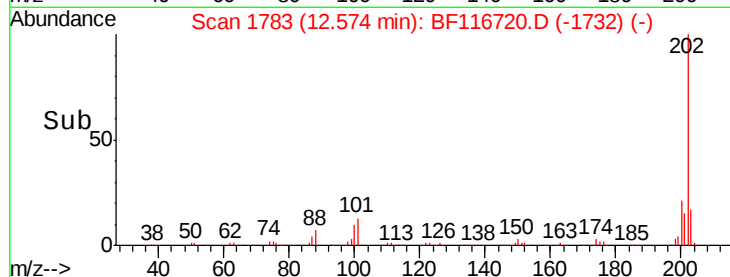
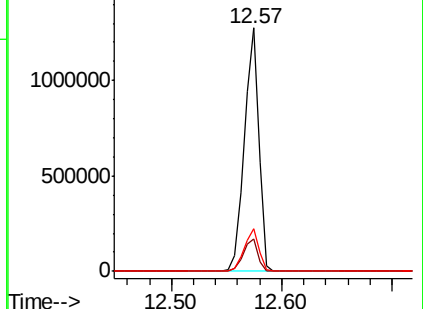
203 17.3 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

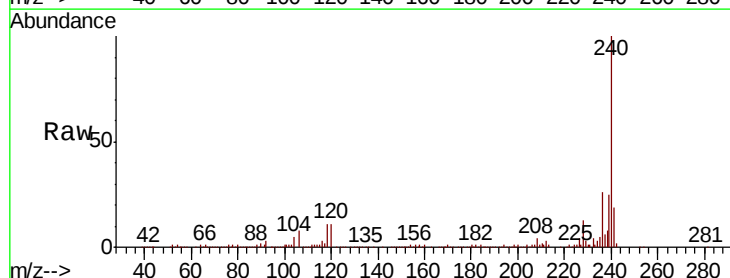
Tgt Ion:240 Resp: 257951

Ion Ratio Lower Upper

240 100

120 11.5 9.1 13.7

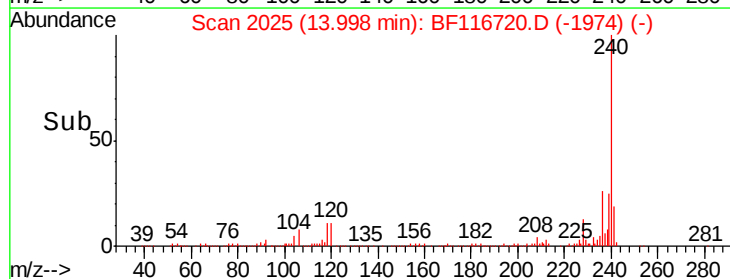
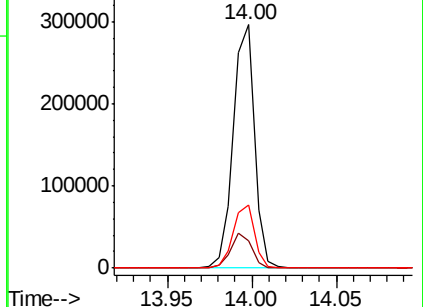
236 26.0 21.1 31.7

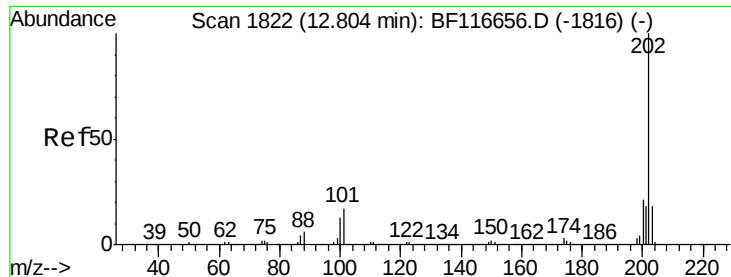


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

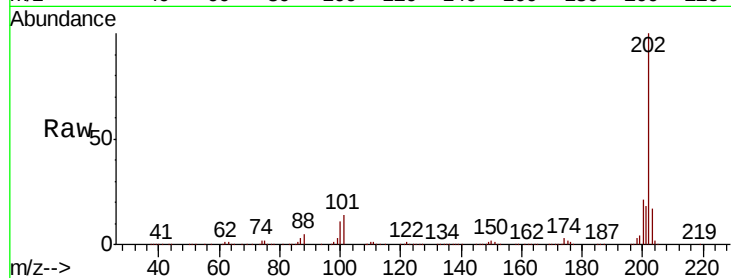




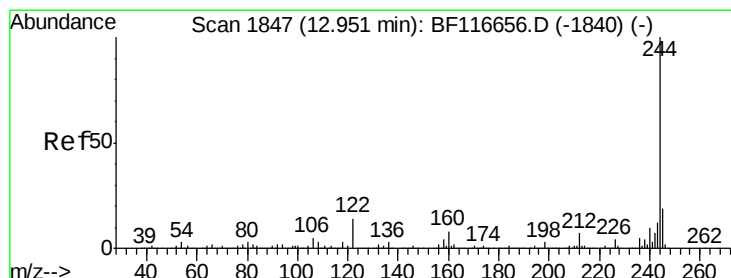
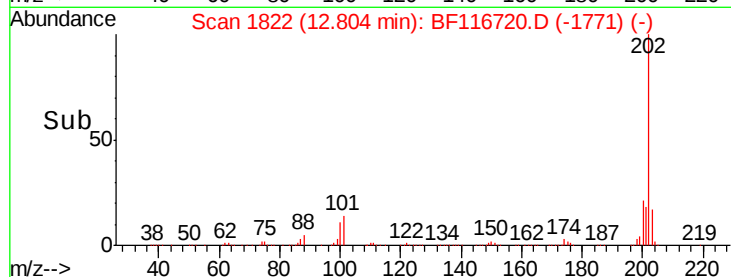
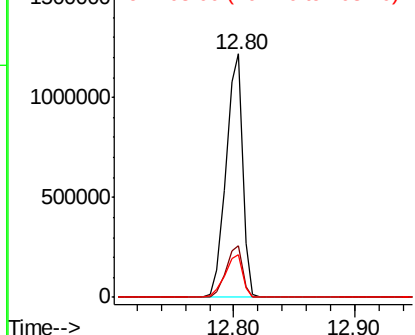
#78
Pvrene
Concen: 50.495 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion:202 Resp: 1157864
Ion Ratio Lower Upper
202 100
200 21.2 16.5 24.7
203 17.3 13.7 20.5

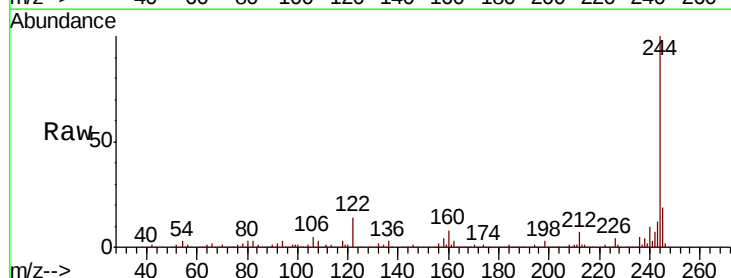


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

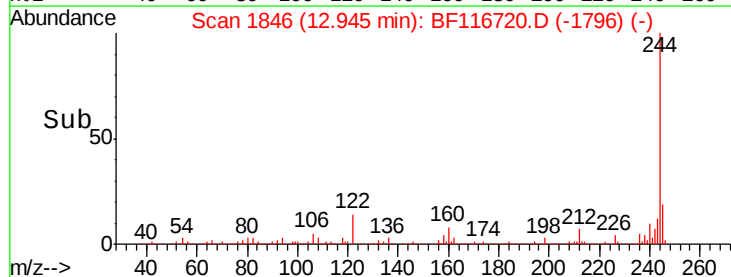
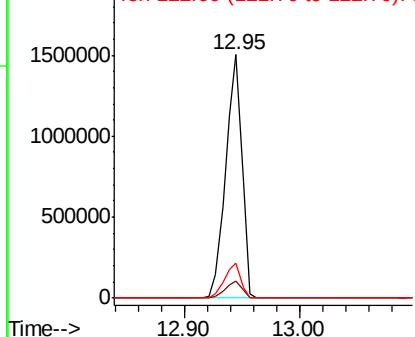


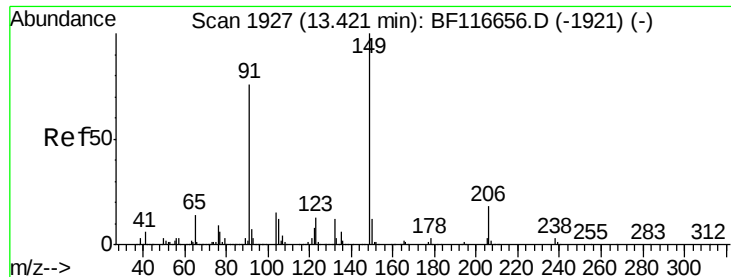
#79
Terphenyl-d14
Concen: 104.474 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion:244 Resp: 1456759
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 14.5 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

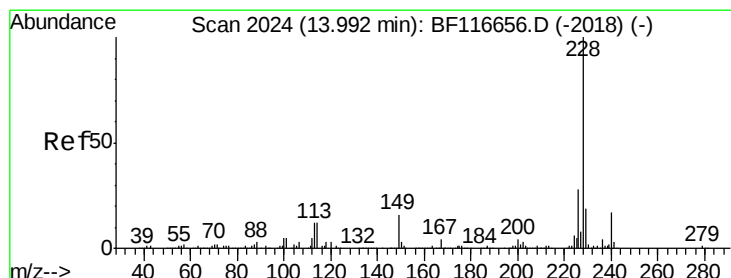
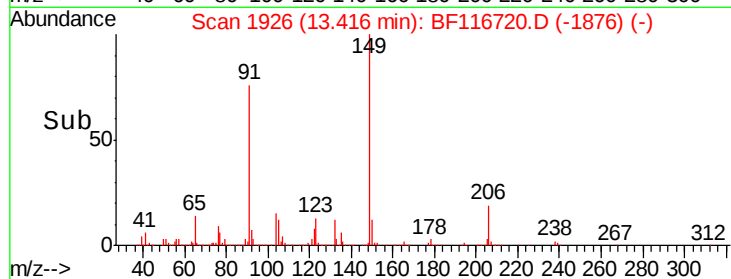
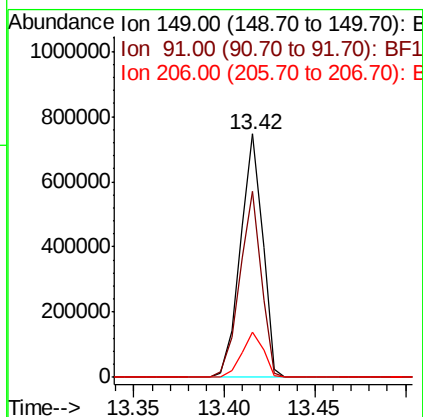
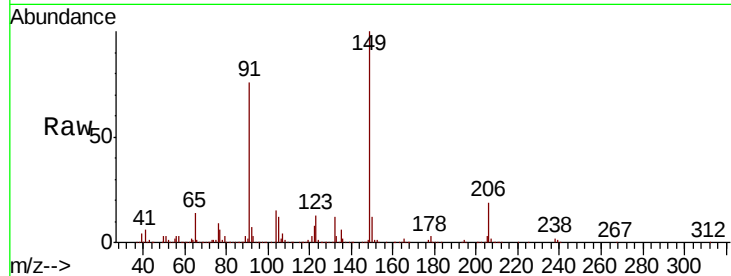




#80
Butylbenzylphthalate
Concen: 56.758 ng
RT: 13.42 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

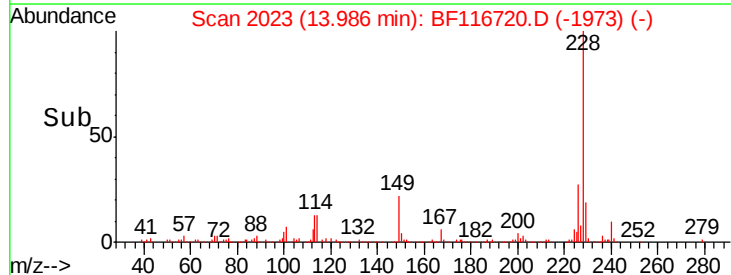
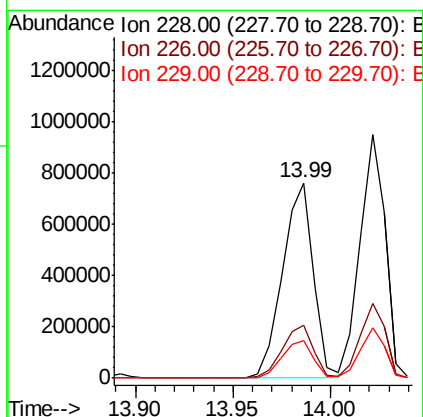
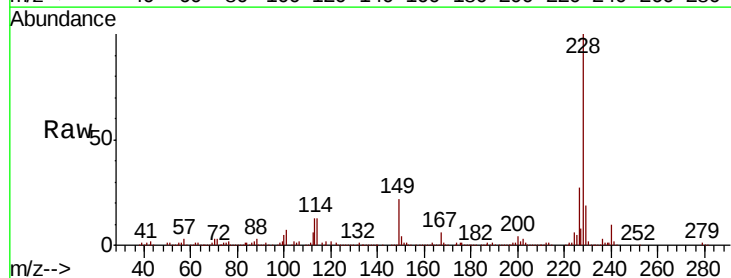
Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

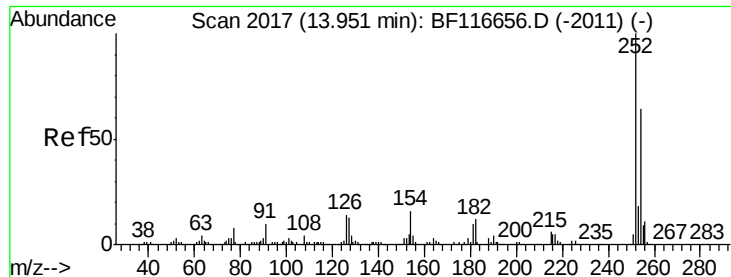
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.3	61.0	91.4
206	18.6	14.8	22.2



#81
Benzo(a)anthracene
Concen: 50.564 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.0	33.0
229	19.4	16.4	24.6

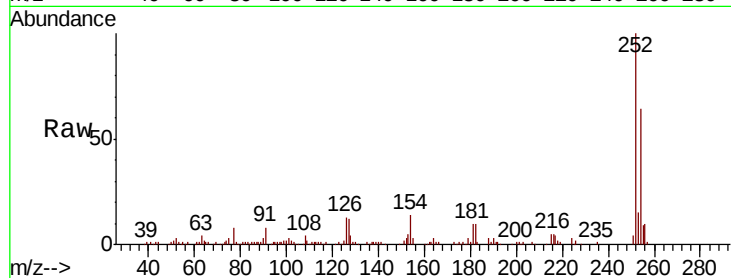




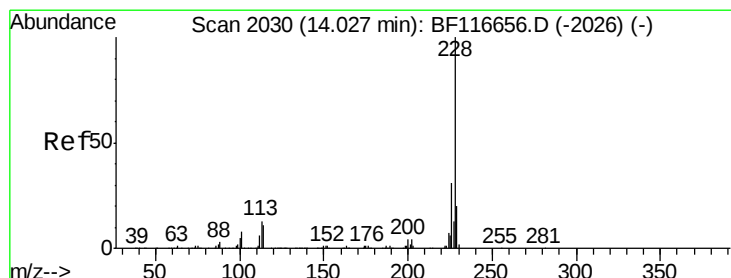
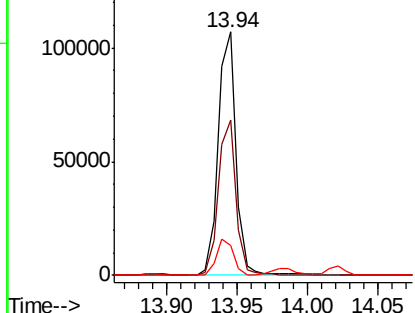
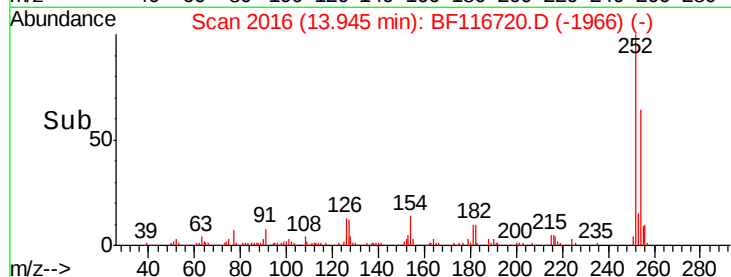
#82
 3,3'-Dichlorobenzidine
 Concen: 16.979 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MSD

Tot Ion:252 Resp: 93674
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.1 75.1
 126 12.5 10.6 16.0

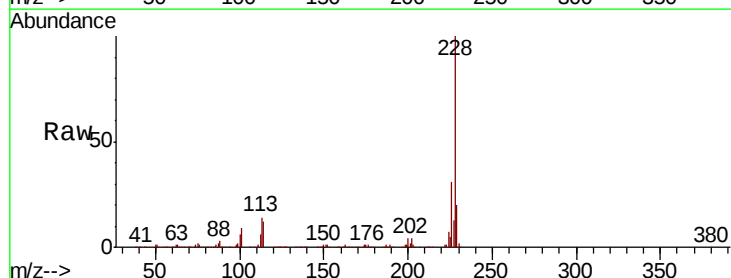


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

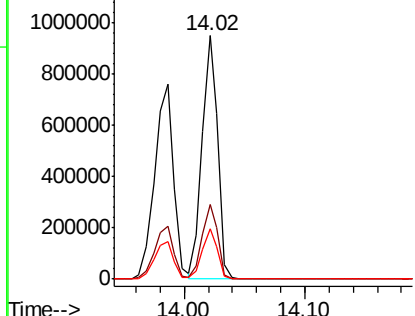
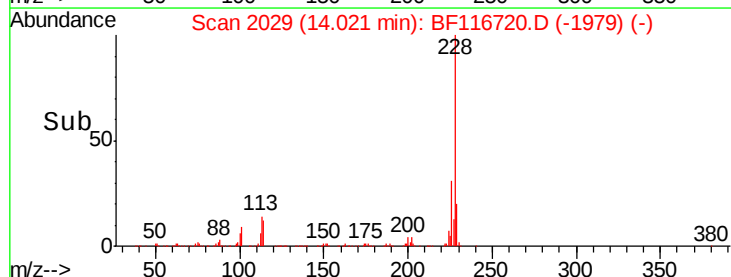


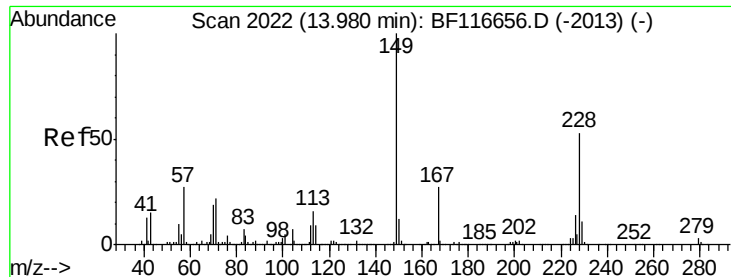
#83
 Chrysene
 Concen: 50.721 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Tgt Ion:228 Resp: 853090
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.0 36.0
 229 20.5 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 60.751 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

Instrument :

BNA_F

ClientSampleId :

T2-S-A1-A4MSD

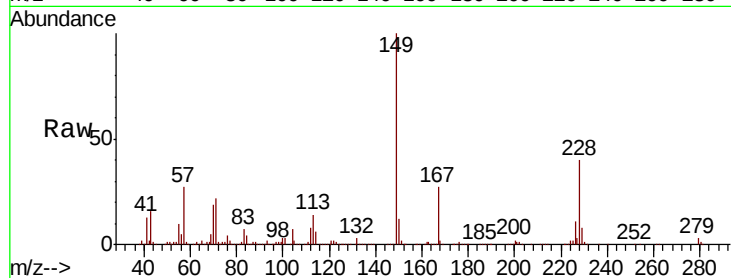
Tot Ion:149 Resp: 836233

Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.4

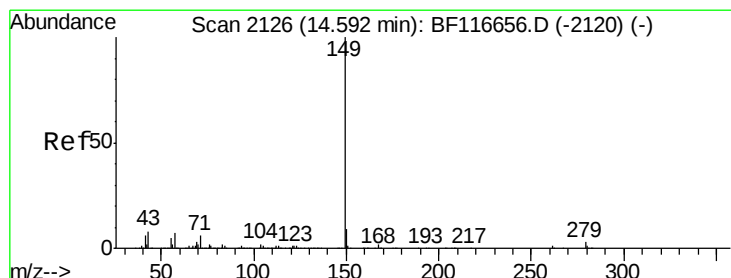
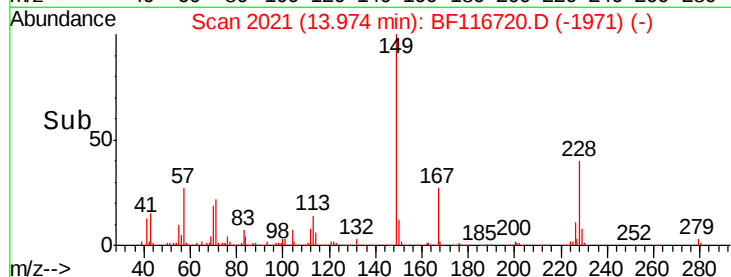
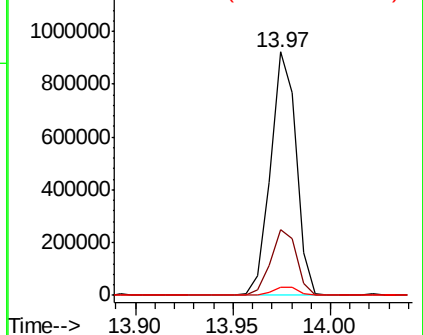
279 3.1 2.8 4.2



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: 62.967 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BF116720.D

Acq: 1 Sep 2019 2:46

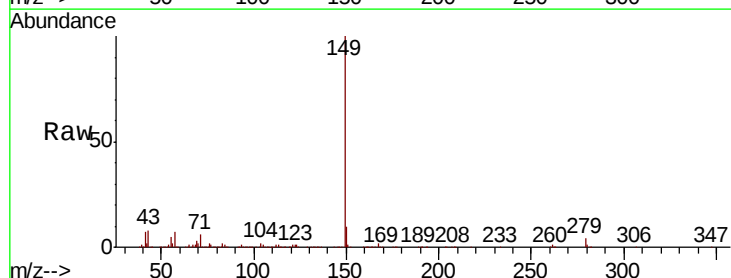
Tgt Ion:149 Resp: 1418386

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

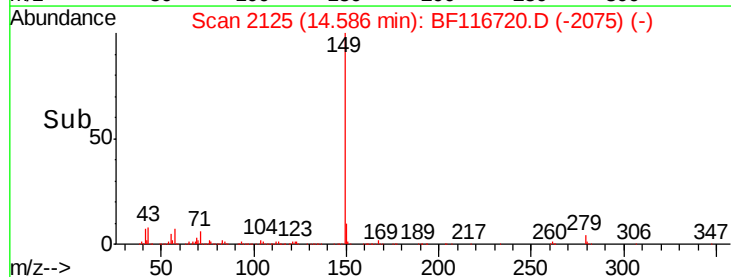
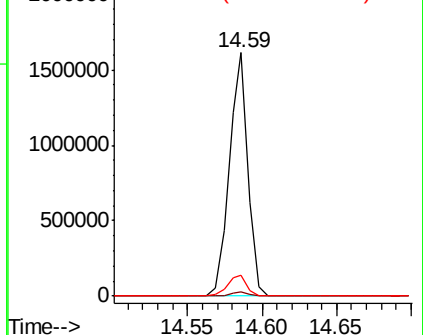
43 8.7 7.8 11.8

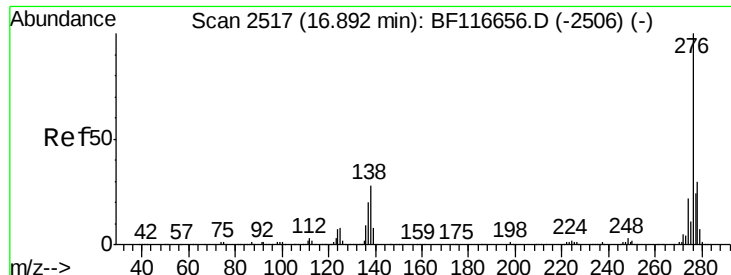


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

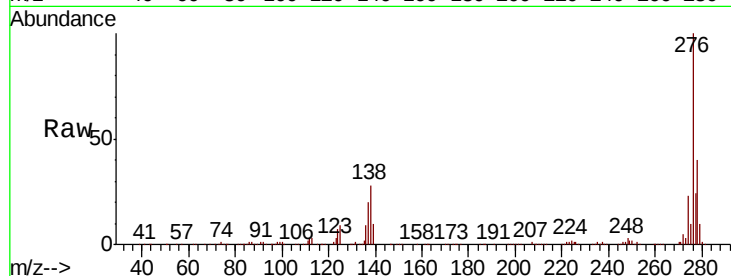




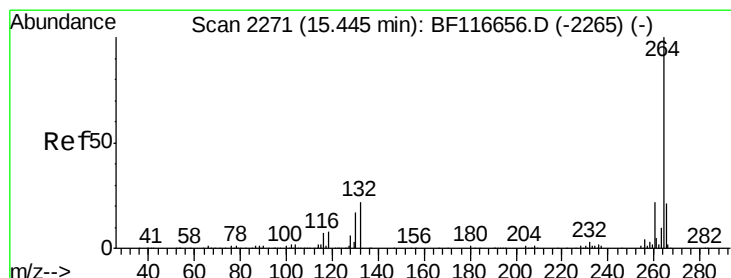
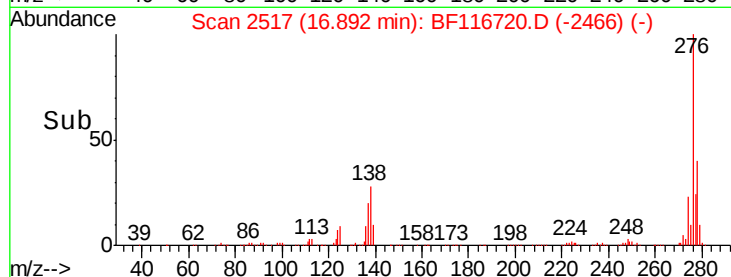
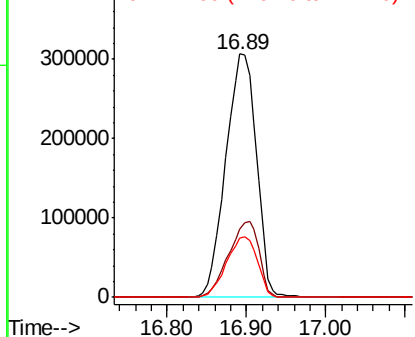
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 60.831 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. 0.00 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.0	19.4	29.2#
277	25.0	20.5	30.7

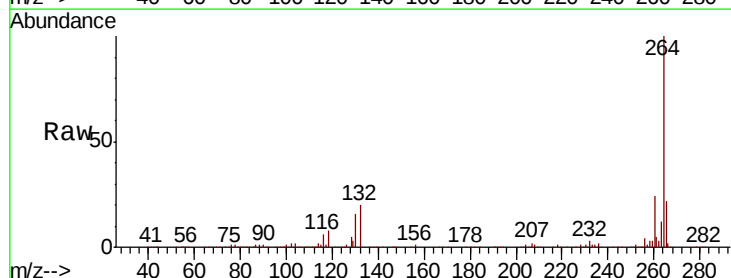


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

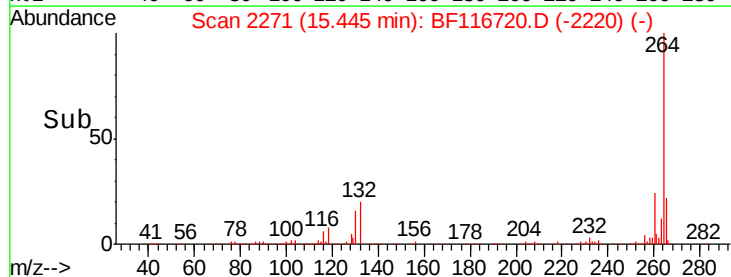
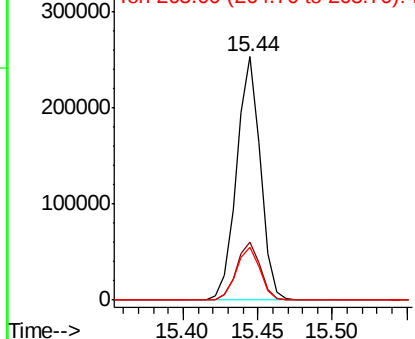


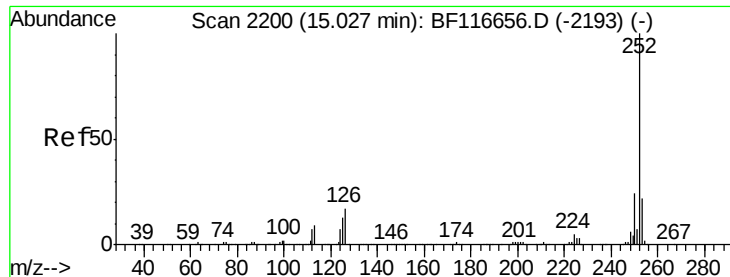
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.7	16.5	24.7



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

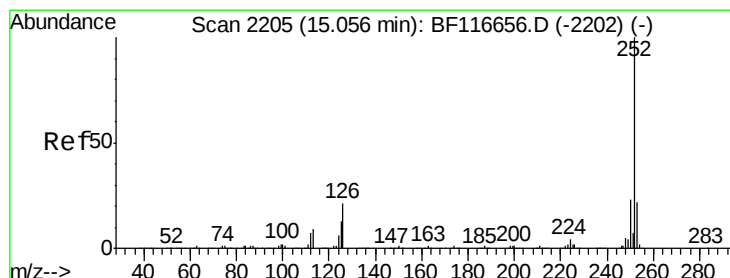
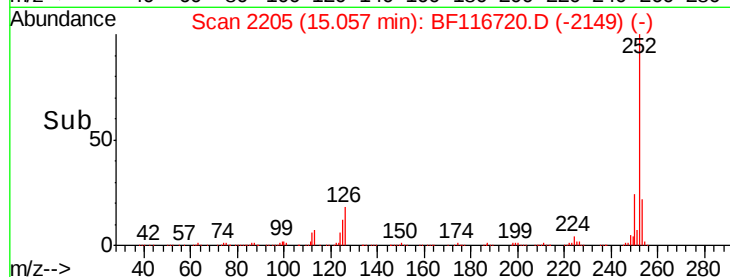
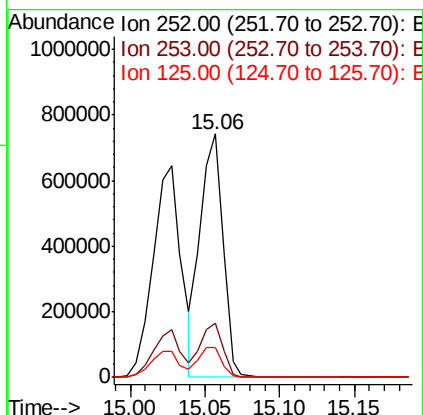
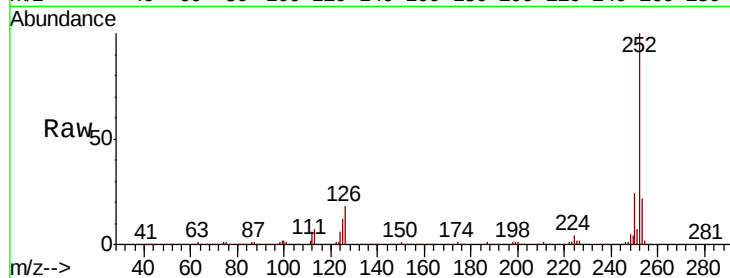




#88
Benzo(b)fluoranthene
Concen: 45.594 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.03 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

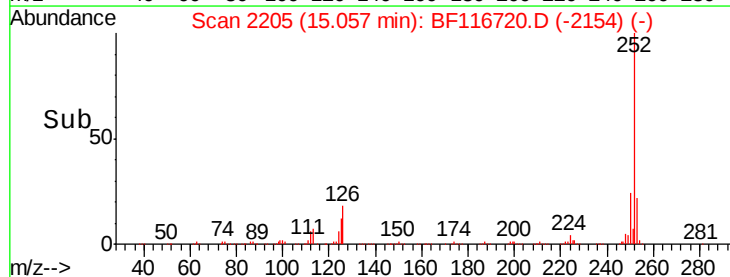
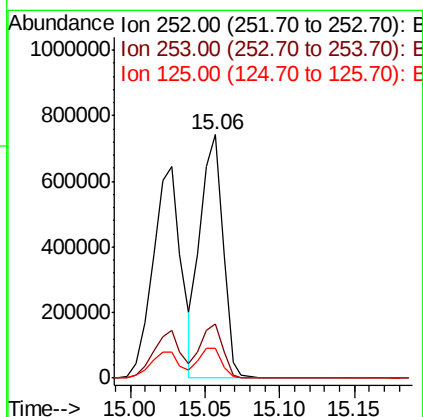
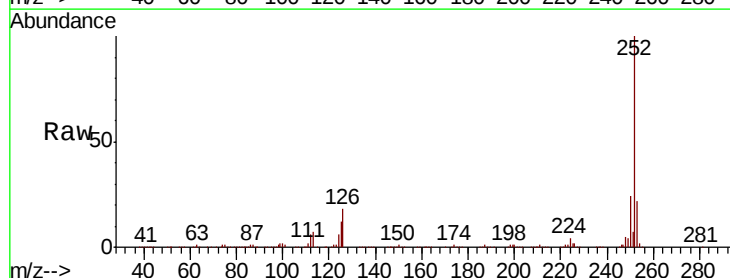
Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

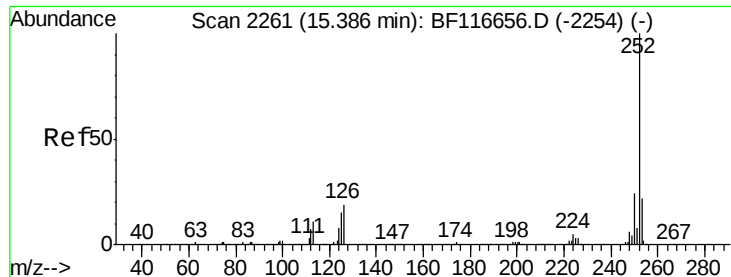
Tot Ion:252 Resp: 778462
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 12.2 8.2 12.2



#89
Benzo(k)fluoranthene
Concen: 50.006 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion:252 Resp: 778462
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 12.2 8.6 13.0

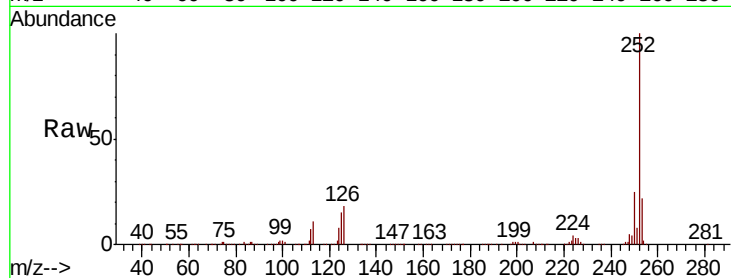




#90
Benzo(a)pyrene
Concen: 53.398 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Instrument :
BNA_F
ClientSampleId :
T2-S-A1-A4MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	14.5	9.8	14.8

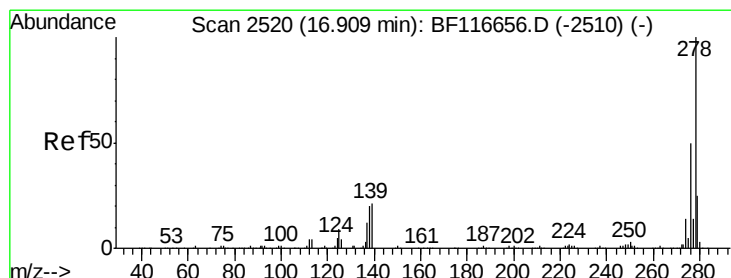
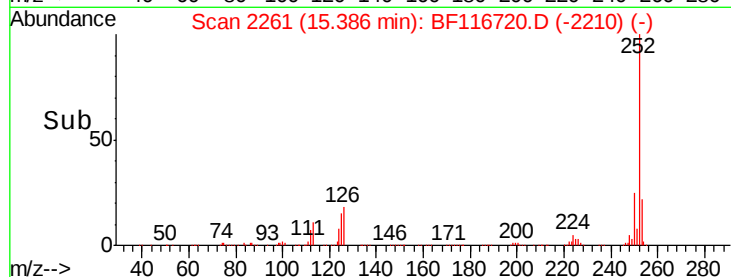
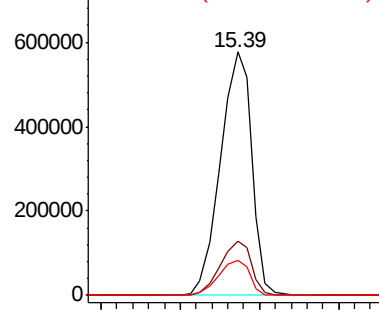


Abundance

Ion 252.00 (251.70 to 252.70): E

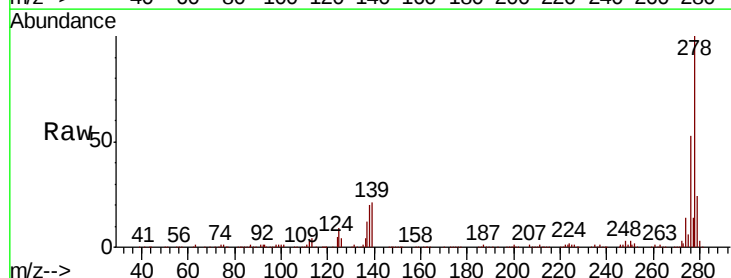
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 53.143 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BF116720.D
Acq: 1 Sep 2019 2:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.8	12.4	18.6#
279	24.4	18.2	27.4

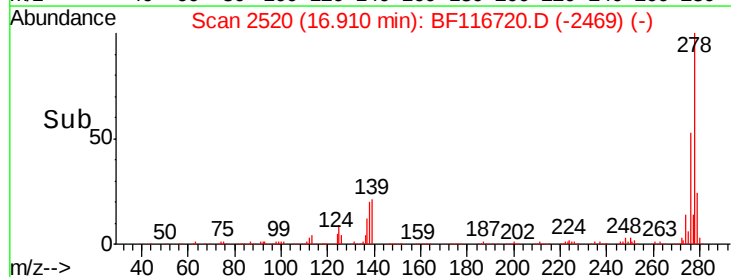
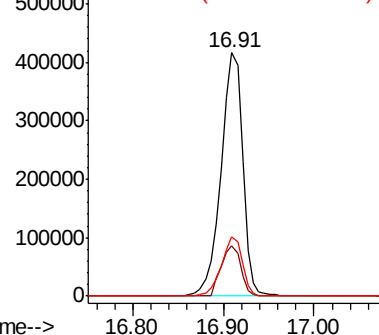


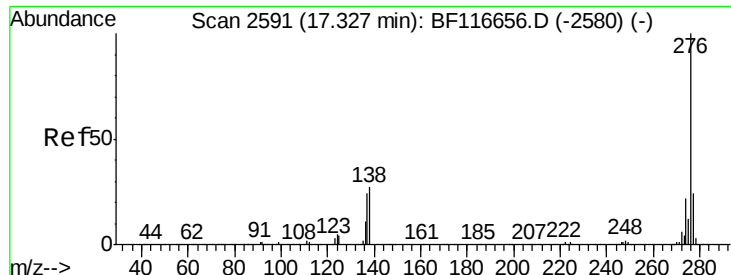
Abundance

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: 47.941 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. 0.01 min
 Lab File: BF116720.D
 Acq: 1 Sep 2019 2:46

Instrument :
 BNA_F
 ClientSampleId :
 T2-S-A1-A4MSD

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.5	18.5	27.7	
138	26.6	16.2	24.2	

