

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120071.D
 Acq On : 17 Apr 2020 20:44
 Operator : MA/SJ
 Sample : L2198-12MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

Quant Time: Apr 18 01:40:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	163442	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	614312	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	278517	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	407644	20.00	ng	0.00
76) Chrysene-d12	13.90	240	262769	20.00	ng	0.00
87) Perylene-d12	15.33	264	219213	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	855794	90.49	ng	0.02
7) Phenol-d6	6.38	99	1085138	89.05	ng	0.01
23) Nitrobenzene-d5	7.30	82	676900	57.00	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	193973	56.88	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1299256	66.23	ng	0.00
79) Terphenyl-d14	12.85	244	925465	59.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	216376	51.367	ng	98
3) Pyridine	3.18	79	621883	53.809	ng	99
4) n-Nitrosodimethylamine	3.14	42	360403	61.034	ng	96
6) Aniline	6.39	93	605501	37.856	ng	# 1
8) 2-Chlorophenol	6.52	128	704493	66.669	ng	97
9) Benzaldehyde	6.27	77	314323	59.221	ng	99
10) Phenol	6.39	94	863179	62.434	ng	92
11) bis(2-Chloroethyl)ether	6.47	93	680556	63.753	ng	99
12) 1,3-Dichlorobenzene	6.67	146	710575	61.422	ng	98
13) 1,4-Dichlorobenzene	6.75	146	715819	60.742	ng	100
14) 1,2-Dichlorobenzene	6.90	146	665922	61.315	ng	97
15) Benzyl Alcohol	6.88	79	564629	59.653	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1153733	55.541	ng	86
17) 2-Methylphenol	7.00	107	550418	58.367	ng	93
18) Hexachloroethane	7.24	117	244850	55.595	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	487444	62.202	ng	98
20) 3+4-Methylphenols	7.16	107	674128	58.450	ng	# 73
22) Acetophenone	7.15	105	921913	64.087	ng	# 96
24) Nitrobenzene	7.32	77	720360	60.305	ng	97
25) Isophorone	7.56	82	1343692	58.701	ng	99
26) 2-Nitrophenol	7.63	139	302989	50.770	ng	99
27) 2,4-Dimethylphenol	7.68	122	562394	62.483	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	864638	64.191	ng	99
29) 2,4-Dichlorophenol	7.88	162	538204	58.336	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	602749	57.659	ng	100
31) Naphthalene	8.04	128	1881680	58.219	ng	99
32) Benzoic acid	7.82	122	246381	31.168	ng	99
33) 4-Chloroaniline	8.09	127	279198	19.843	ng	99
34) Hexachlorobutadiene	8.16	225	351834	56.224	ng	99
35) Caprolactam	8.49	113	129294	45.814	ng	91
36) 4-Chloro-3-methylphenol	8.59	107	549400	55.003	ng	95
37) 2-Methylnaphthalene	8.73	142	1251130	57.097	ng	98
38) 1-Methylnaphthalene	8.83	142	1172294	56.760	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	549852	62.506	ng	99

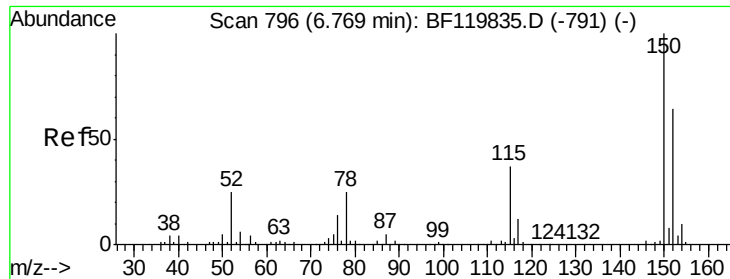
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120071.D
 Acq On : 17 Apr 2020 20:44
 Operator : MA/SJ
 Sample : L2198-12MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

Quant Time: Apr 18 01:40:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	149894	29.966	nq	96
43) 2,4,6-Trichlorophenol	9.02	196	357069	58.781	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	339839	49.671	nq	97
46) 1,1'-Biphenyl	9.20	154	1447265	61.564	nq	97
47) 2-Chloronaphthalene	9.22	162	1105883	61.066	nq	97
48) 2-Nitroaniline	9.32	65	389461	59.345	nq	97
49) Acenaphthylene	9.64	152	1614967	58.638	nq	99
50) Dimethylphthalate	9.51	163	1549530	71.928	nq	98
51) 2,6-Dinitrotoluene	9.57	165	263824	55.924	nq	89
52) Acenaphthene	9.81	154	985587	53.647	nq	99
53) 3-Nitroaniline	9.73	138	229472	42.590	nq	96
54) 2,4-Dinitrophenol	9.84	184	32176	11.392	nq	91
55) Dibenzofuran	9.98	168	1442718	57.226	nq	98
56) 4-Nitrophenol	9.91	139	302535	75.467	nq	92
57) 2,4-Dinitrotoluene	9.97	165	311012	50.039	nq	93
58) Fluorene	10.33	166	1057885	52.468	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	243608	46.555	nq	98
60) Diethylphthalate	10.20	149	1335098	59.795	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	544542	52.695	nq	96
62) 4-Nitroaniline	10.35	138	261909	51.008	nq	99
63) Azobenzene	10.47	77	1140205	56.982	nq	98
65) 4,6-Dinitro-2-methylphenol	10.38	198	28152	10.483	nq	99
66) n-Nitrosodiphenylamine	10.44	169	983438	72.540	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	317236	62.578	nq	95
68) Hexachlorobenzene	10.87	284	310266	60.331	nq	98
69) Atrazine	10.97	200	251775	66.748	nq	96
70) Pentachlorophenol	11.07	266	237645	80.186	nq	98
71) Phenanthrene	11.29	178	1307156	60.251	nq	99
72) Anthracene	11.34	178	1325393	59.802	nq	99
73) Carbazole	11.49	167	1175533	56.088	nq	99
74) Di-n-butylphthalate	11.83	149	1807874	65.616	nq	100
75) Fluoranthene	12.47	202	1247397	53.287	nq	98
77) Benzidine	12.59	184	427681	48.150	nq	96
78) Pyrene	12.70	202	1243020	56.113	nq	99
80) Butylbenzylphthalate	13.32	149	599995	55.819	nq	97
81) Benzo(a)anthracene	13.89	228	1056547	61.119	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	325227	50.423	nq	98
83) Chrysene	13.93	228	1046636	59.587	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	847719	58.238	nq	# 98
85) Di-n-octyl phthalate	14.50	149	1455156	58.713	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	814088	52.579	nq	97
88) Benzo(b)fluoranthene	14.92	252	951027	60.307	nq	99
89) Benzo(k)fluoranthene	14.95	252	946395	69.555	nq	98
90) Benzo(a)pyrene	15.27	252	802954	60.559	nq	99
91) Dibenzo(a,h)anthracene	16.74	278	693202	59.022	nq	99
92) Benzo(g,h,i)perylene	17.15	276	650431	56.104	nq	97

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

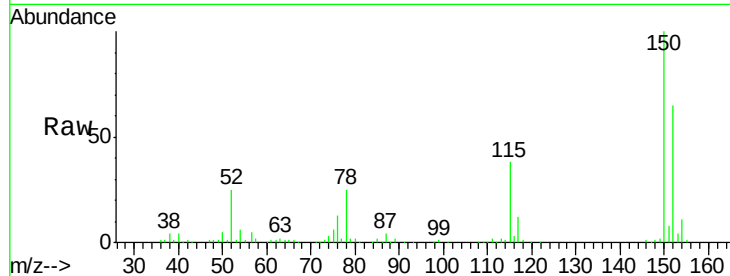


#1

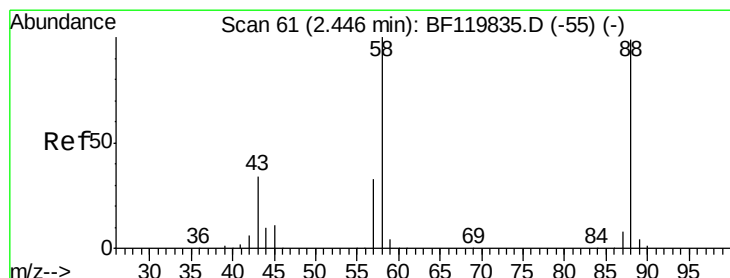
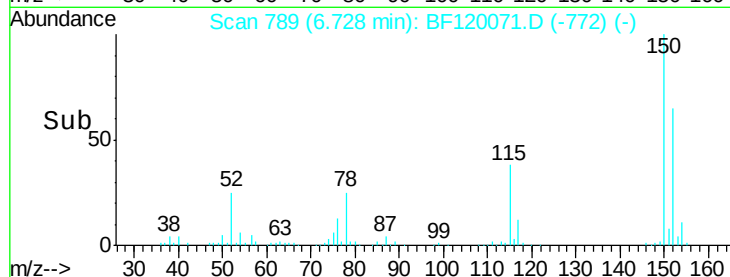
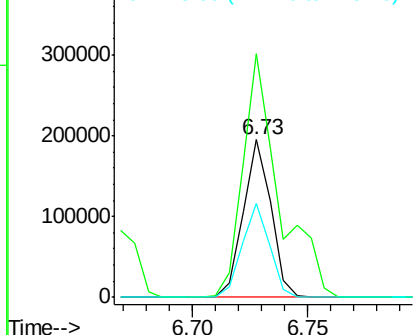
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion:152 Resp: 163442
Ion Ratio Lower Upper
152 100
150 154.4 124.8 187.2
115 59.4 46.5 69.7



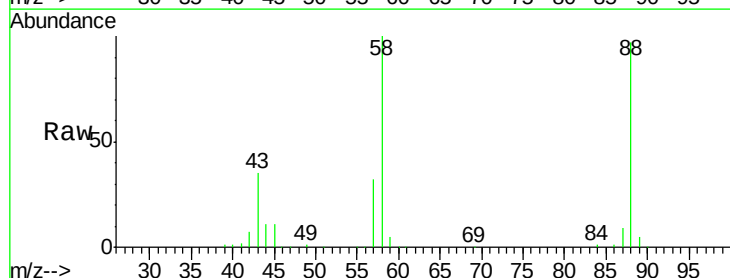
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



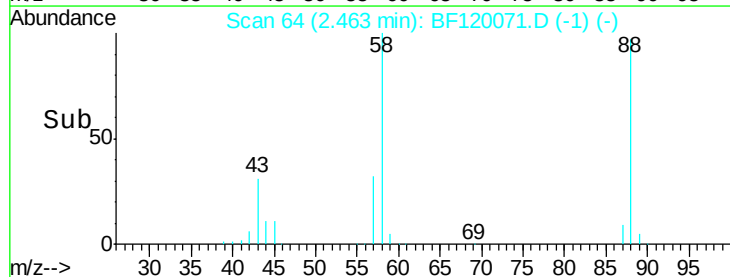
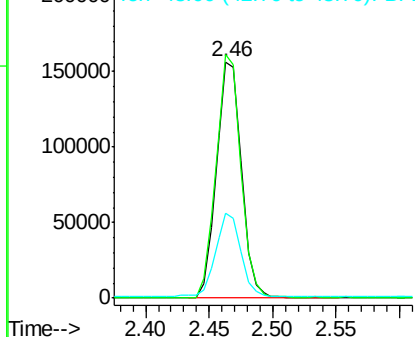
#2

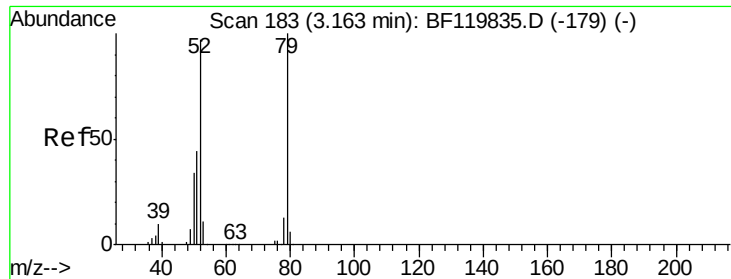
1,4-Dioxane
Concen: 51.367 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.09 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion: 88 Resp: 216376
Ion Ratio Lower Upper
88 100
58 101.2 82.6 123.8
43 35.1 28.6 42.8



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: 53.809 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.10 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

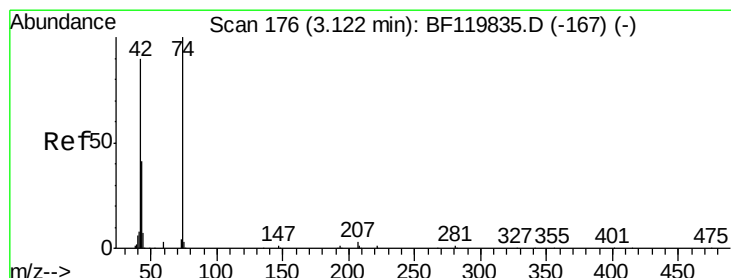
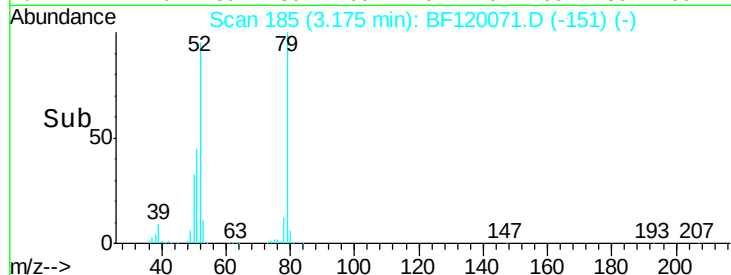
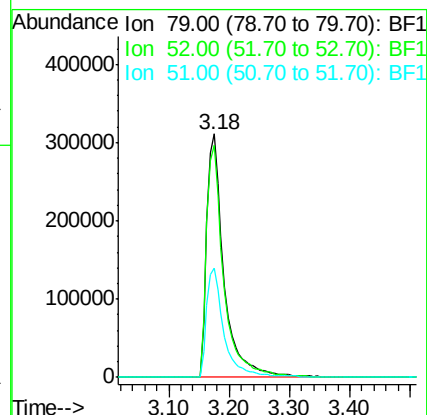
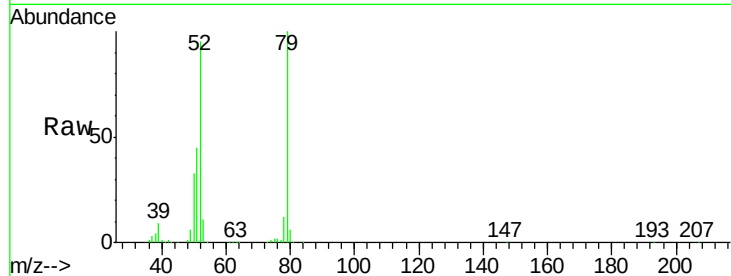
Tot Ion: 79 Resp: 621883

Ion Ratio Lower Upper

79 100

52 95.2 77.4 116.0

51 44.8 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 61.034 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.10 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

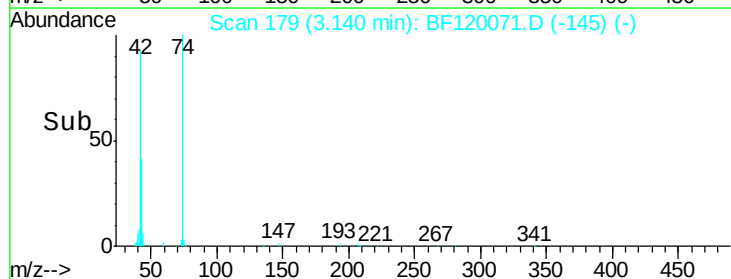
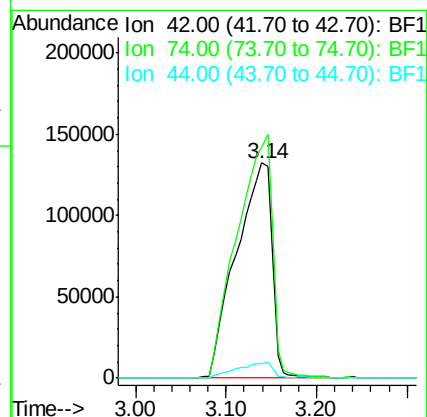
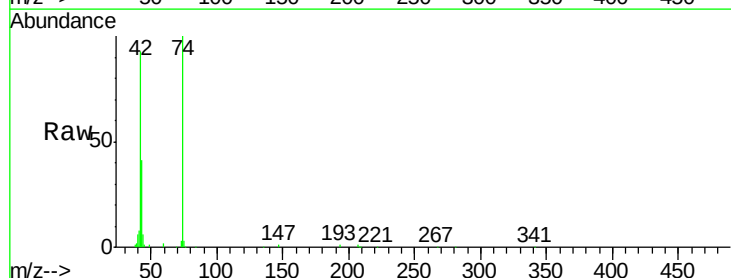
Tgt Ion: 42 Resp: 360403

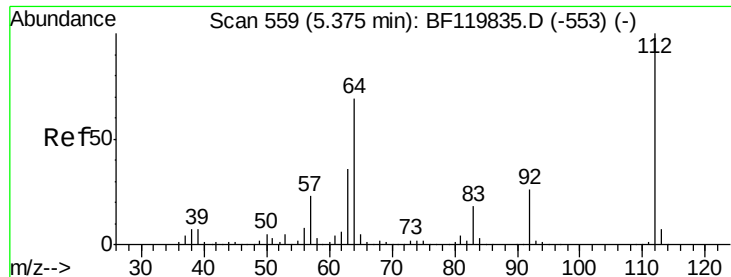
Ion Ratio Lower Upper

42 100

74 107.4 89.0 133.4

44 6.5 6.2 9.4





#5

2-Fluorophenol

Concen: 90.489 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

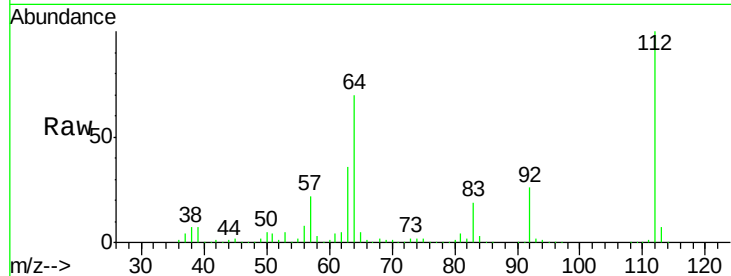
Tot Ion:112 Resp: 855794

Ion Ratio Lower Upper

112 100

64 70.4 55.5 83.3

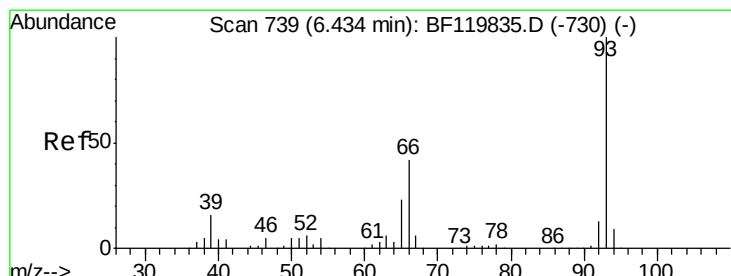
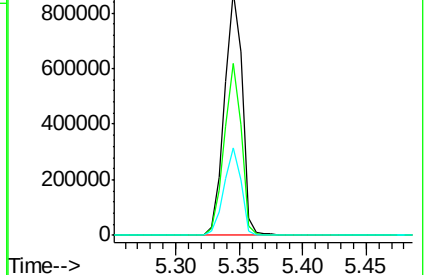
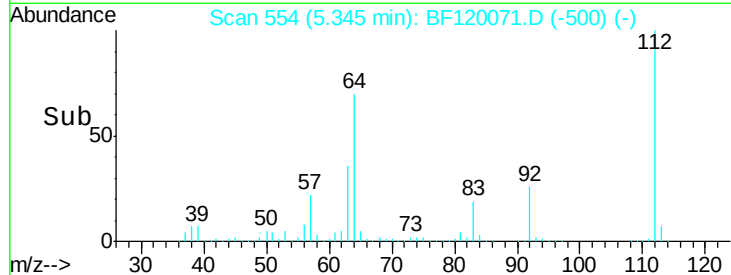
63 35.8 29.1 43.7



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: 37.856 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

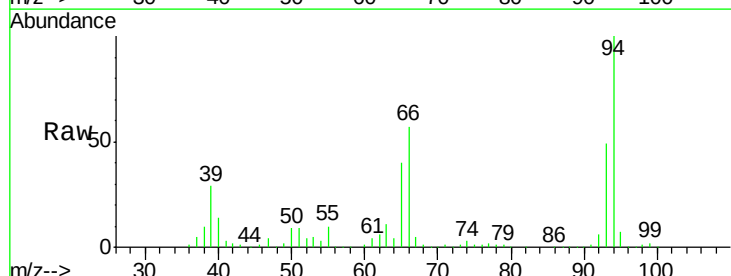
Tgt Ion: 93 Resp: 605501

Ion Ratio Lower Upper

93 100

66 115.0 34.2 51.2#

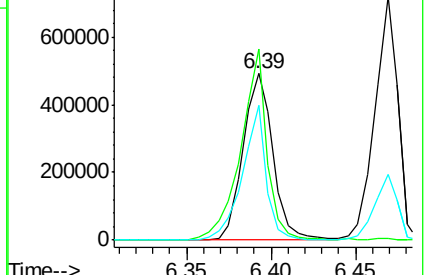
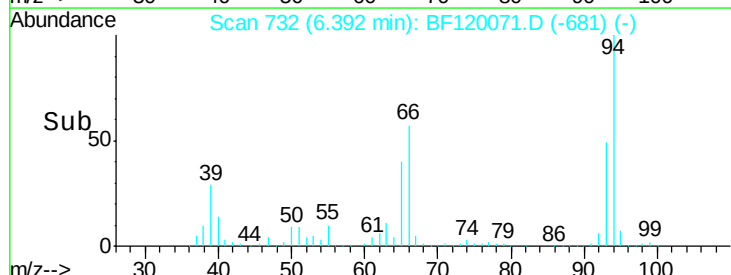
65 80.8 18.3 27.5#

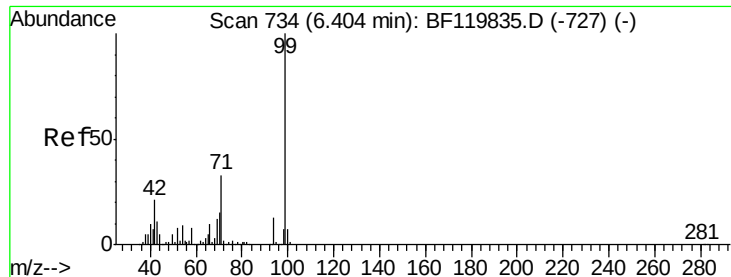


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.045 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

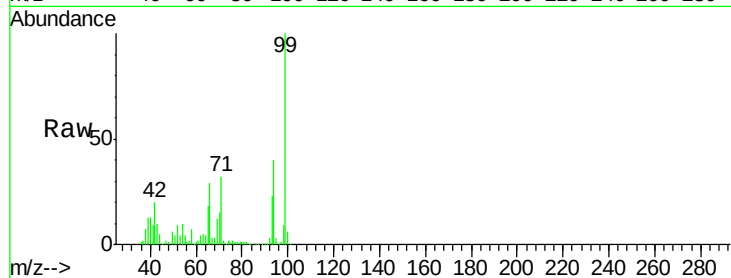
Tot Ion: 99 Resp: 1085138

Ion Ratio Lower Upper

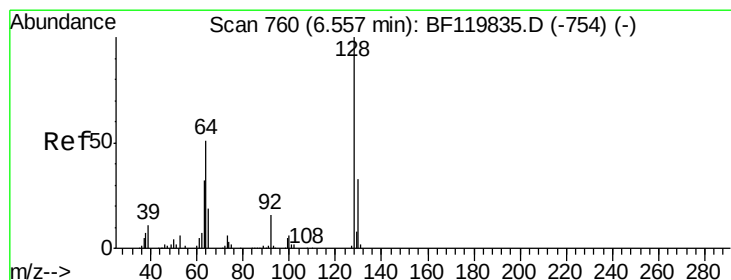
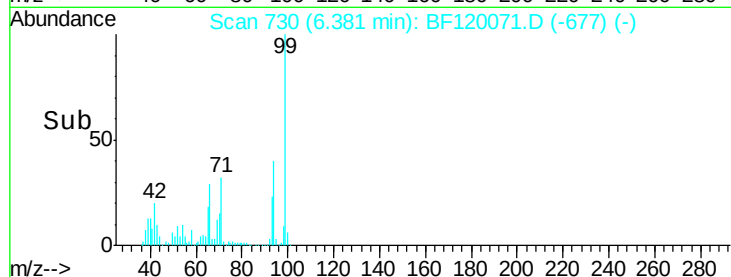
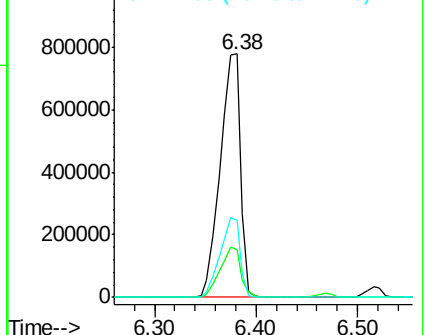
99 100

42 19.5 16.9 25.3

71 31.8 26.3 39.5



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: 66.669 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

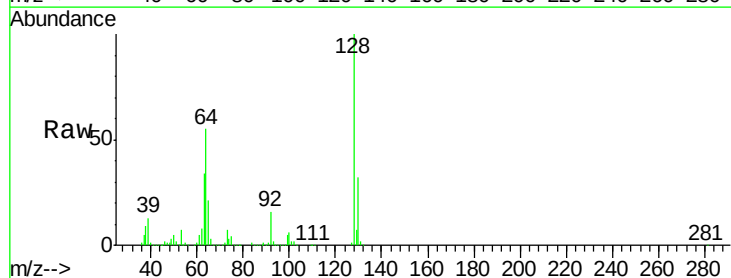
Tgt Ion: 128 Resp: 704493

Ion Ratio Lower Upper

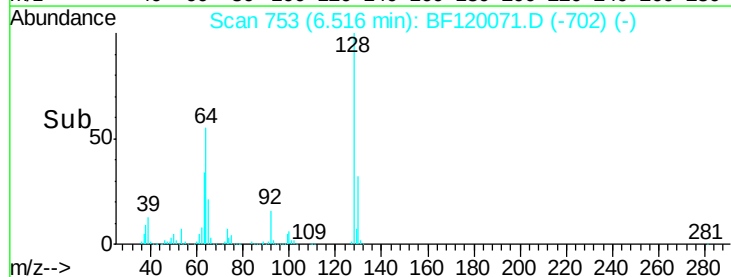
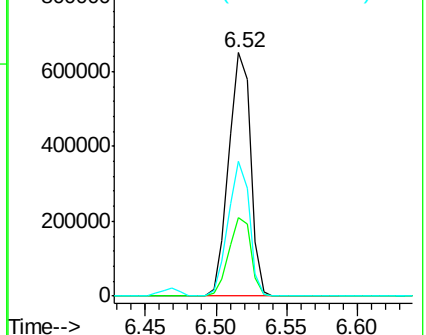
128 100

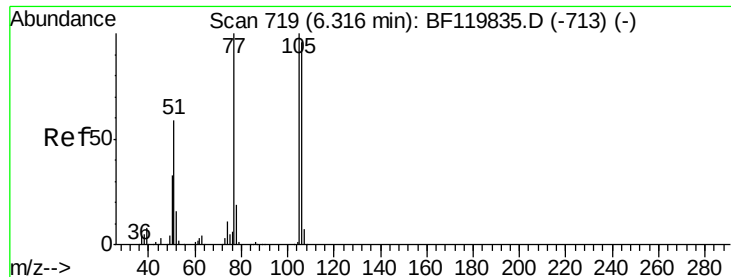
130 32.5 12.6 52.6

64 55.2 32.0 72.0



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: 59.221 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

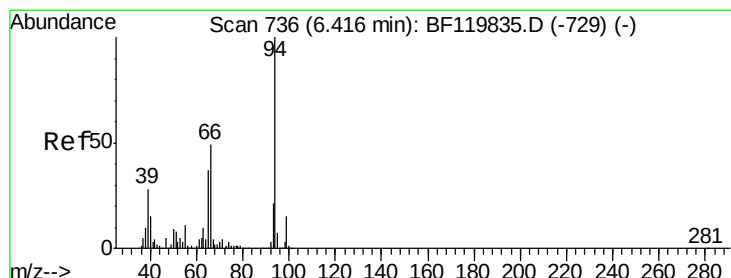
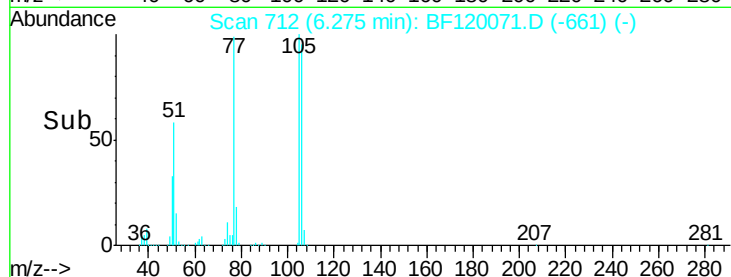
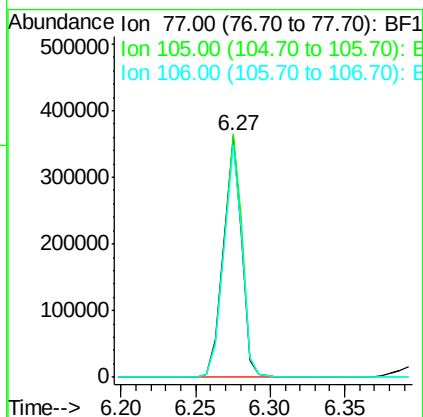
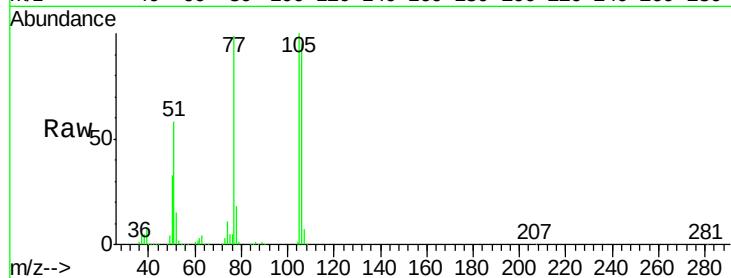
Tot Ion: 77 Resp: 314323

Ion Ratio Lower Upper

77 100

105 101.0 79.9 119.9

106 96.0 76.4 116.4



#10

Phenol

Concen: 62.434 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

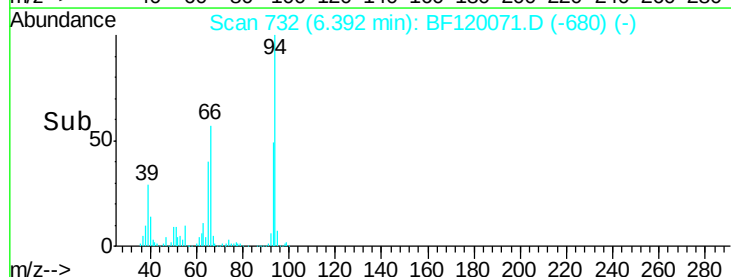
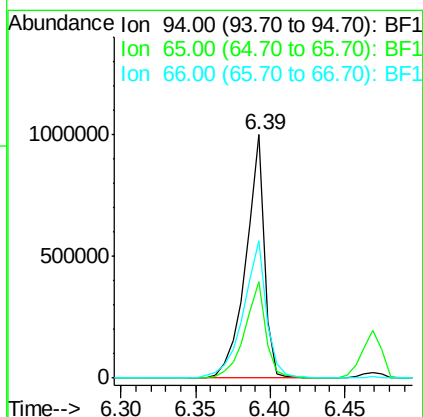
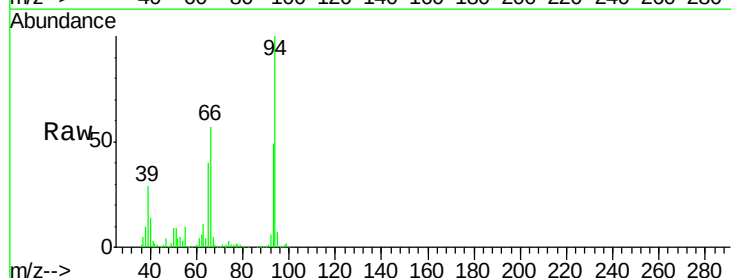
Tgt Ion: 94 Resp: 863179

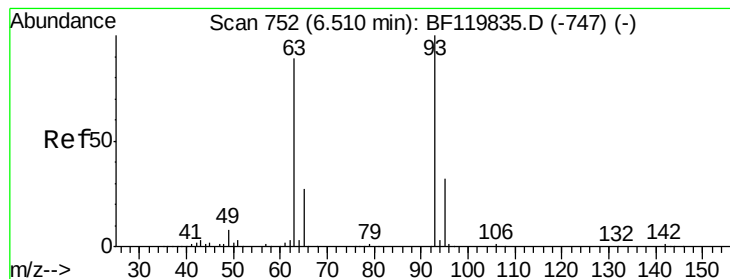
Ion Ratio Lower Upper

94 100

65 39.8 16.6 56.6

66 56.6 29.3 69.3





#11

bis(2-Chloroethyl)ether

Concen: 63.753 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

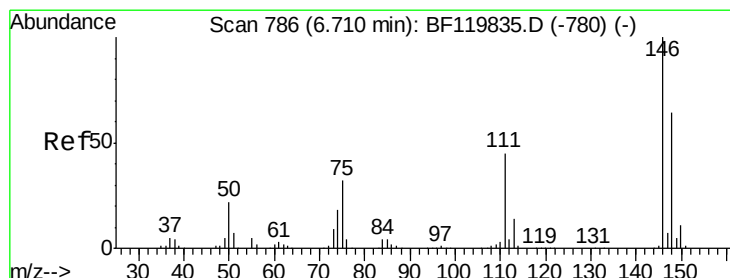
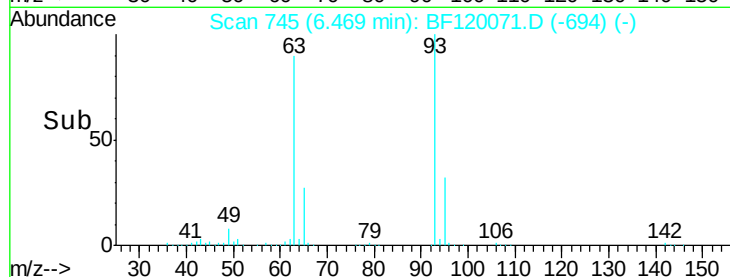
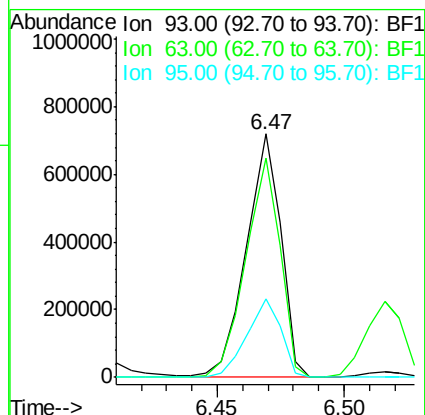
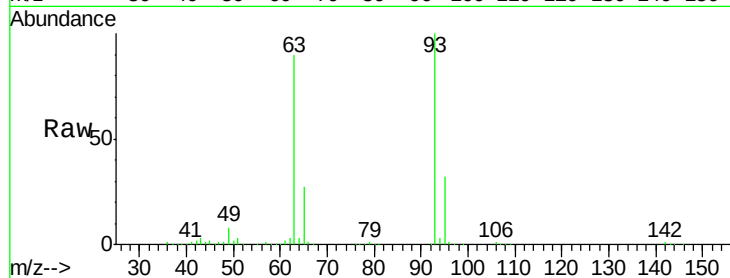
Tot Ion: 93 Resp: 680556

Ion Ratio Lower Upper

93 100

63 90.3 69.1 109.1

95 32.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 61.422 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

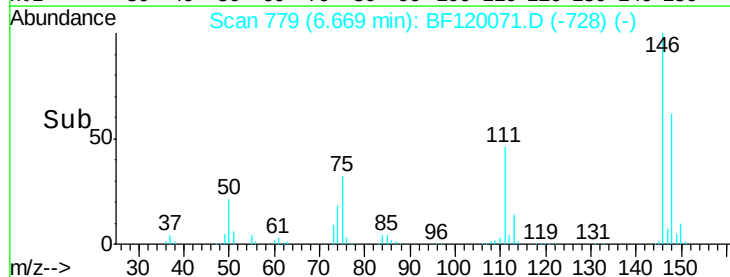
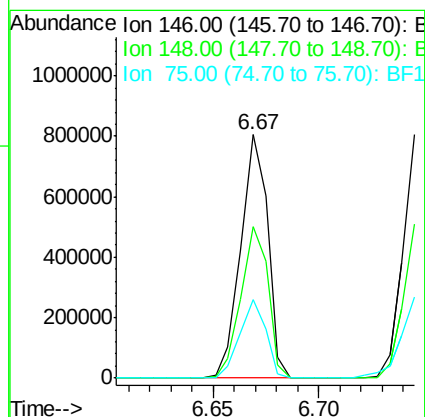
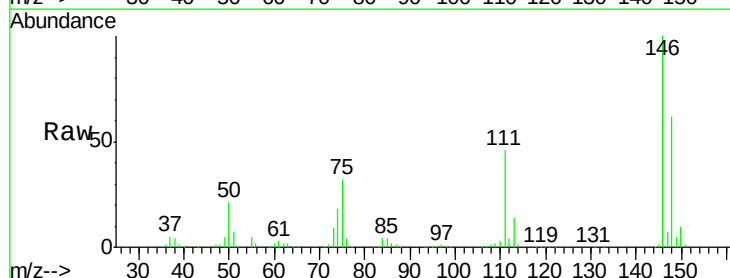
Tgt Ion: 146 Resp: 710575

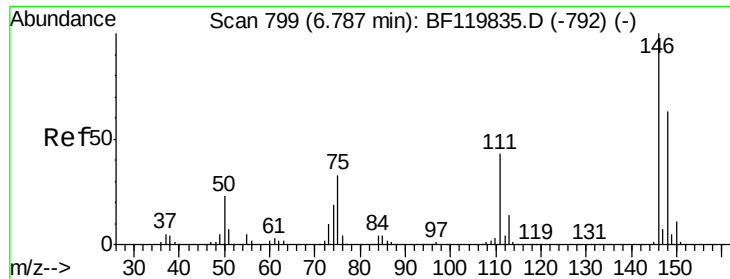
Ion Ratio Lower Upper

146 100

148 62.4 51.3 76.9

75 32.4 25.3 37.9

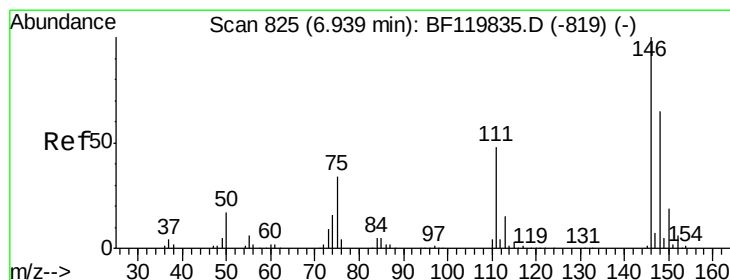
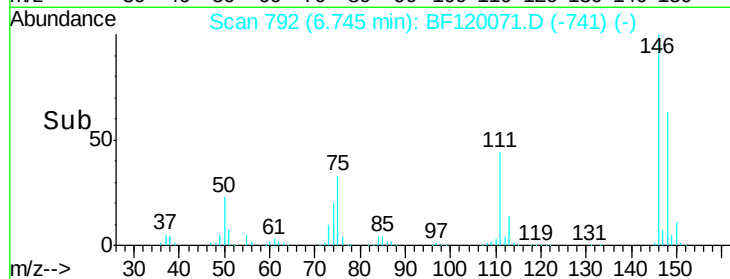
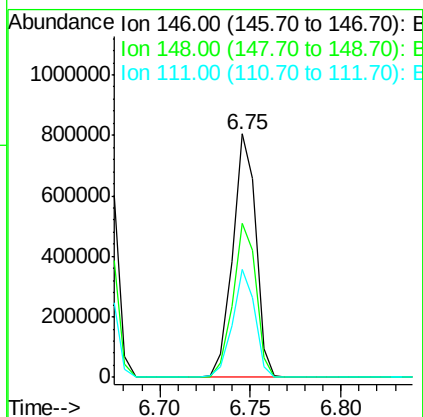
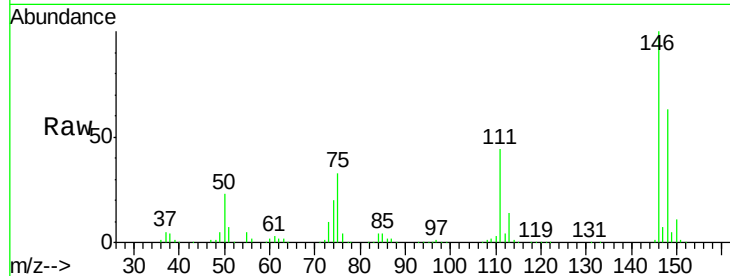




#13
 1,4-Dichlorobenzene
 Concen: 60.742 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

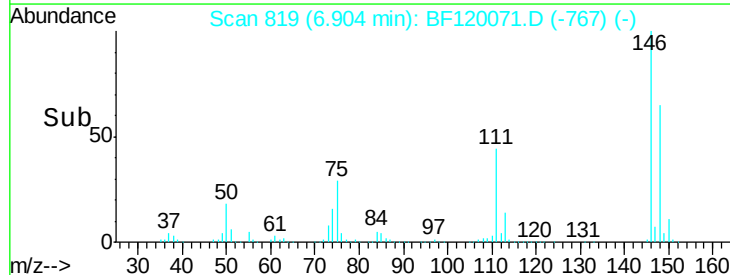
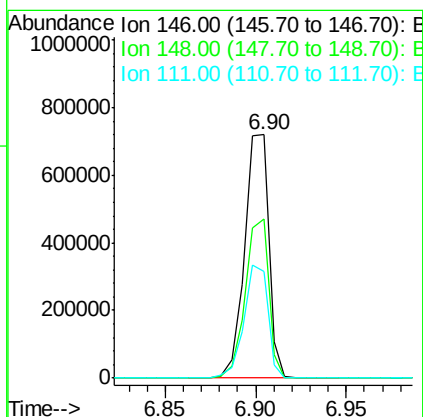
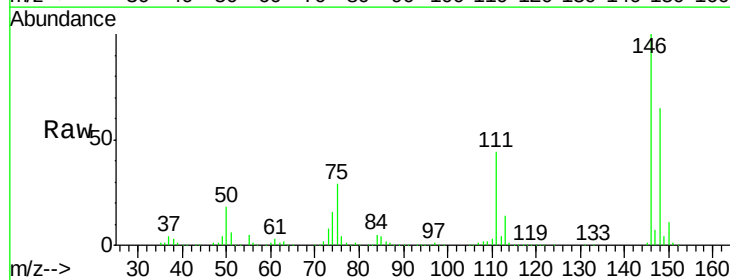
Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

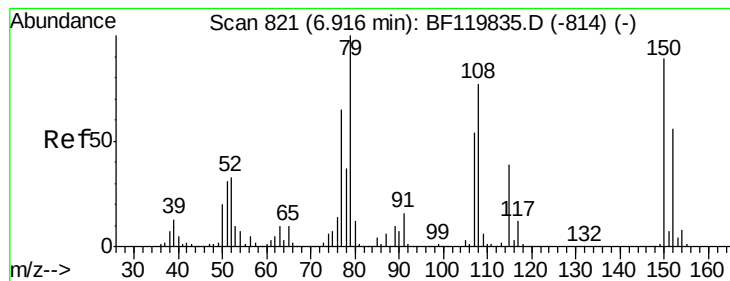
Tot Ion:146 Resp: 715819
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.5 75.7
 111 44.2 34.7 52.1



#14
 1,2-Dichlorobenzene
 Concen: 61.315 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:146 Resp: 665922
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.8 77.8
 111 43.8 38.0 57.0





#15

Benzyl Alcohol

Concen: 59.653 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

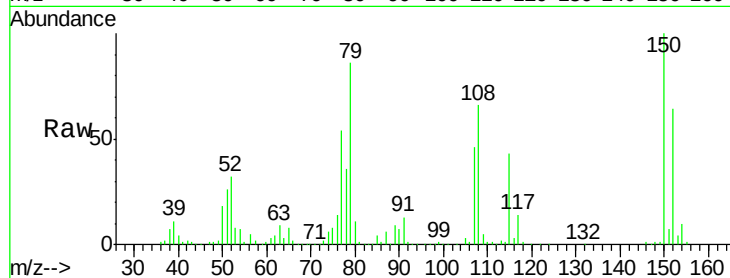
Tot Ion: 79 Resp: 564629

Ion Ratio Lower Upper

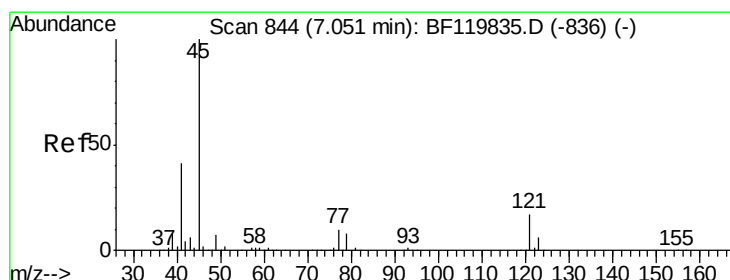
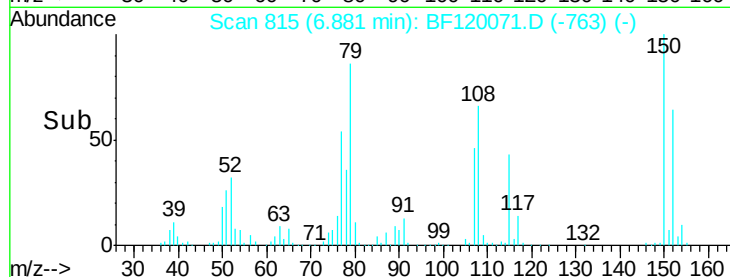
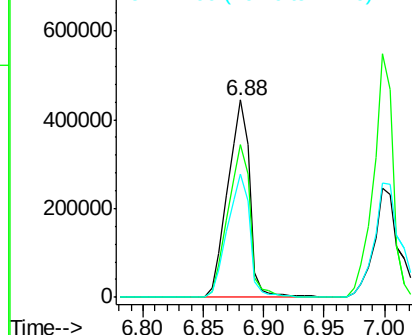
79 100

108 77.2 62.0 93.0

77 62.7 51.8 77.6



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: 55.541 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

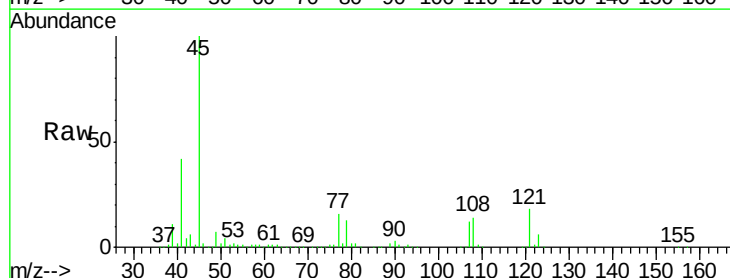
Tgt Ion: 45 Resp: 1153733

Ion Ratio Lower Upper

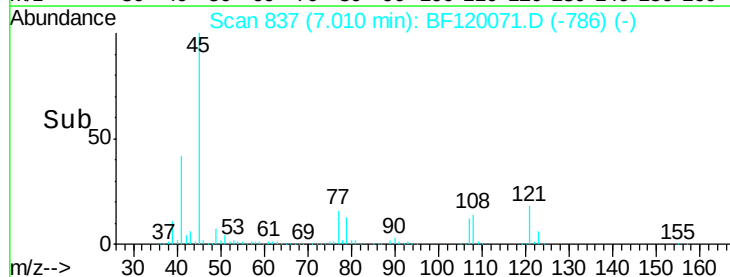
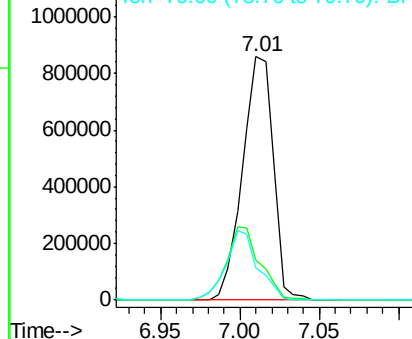
45 100

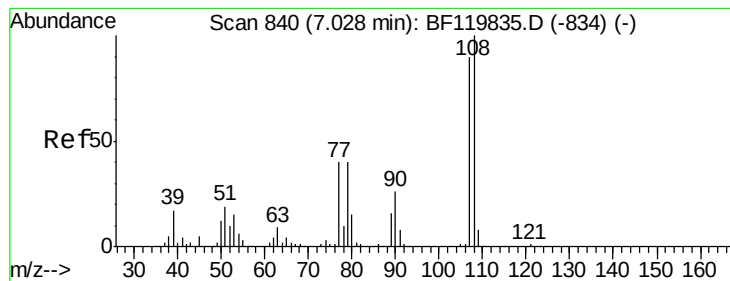
77 16.3 0.0 30.7

79 13.3 0.0 28.6



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: 58.367 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

Tot Ion:107 Resp: 550418

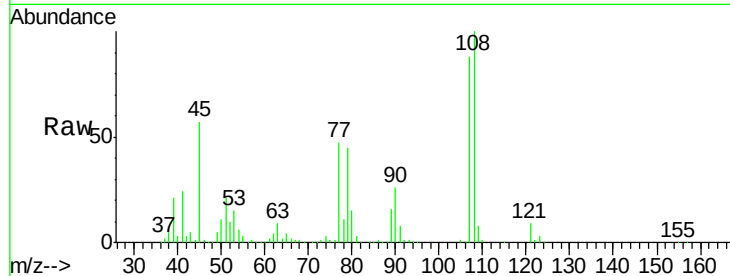
Ion Ratio Lower Upper

107 100

108 113.8 88.8 133.2

77 53.6 36.0 54.0

79 50.9 35.7 53.5

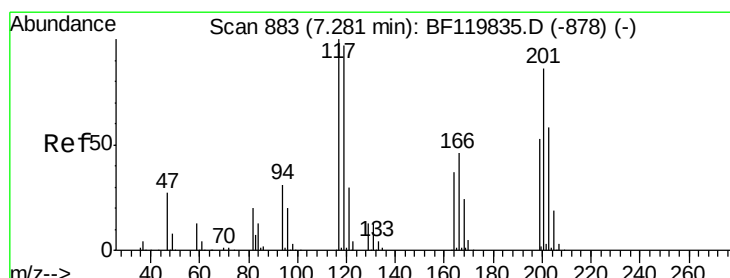
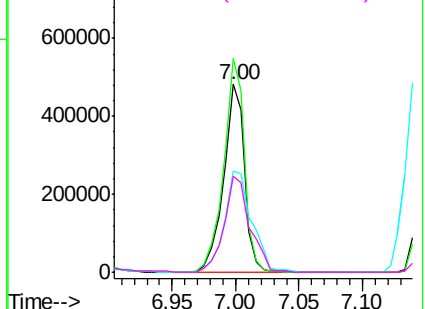
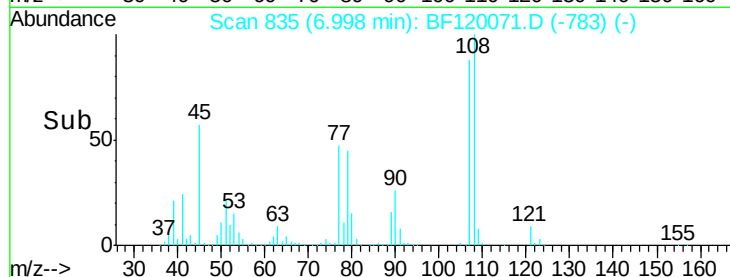


Abundance Ion 107.00 (106.70 to 107.70): E

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: 55.595 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

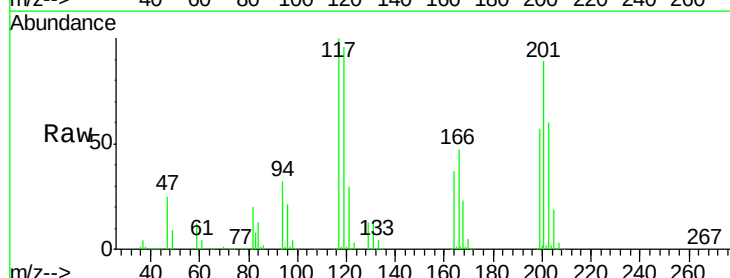
Tgt Ion:117 Resp: 244850

Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.0

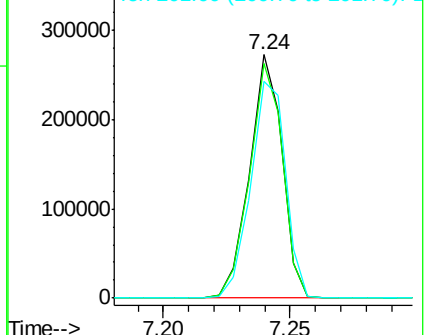
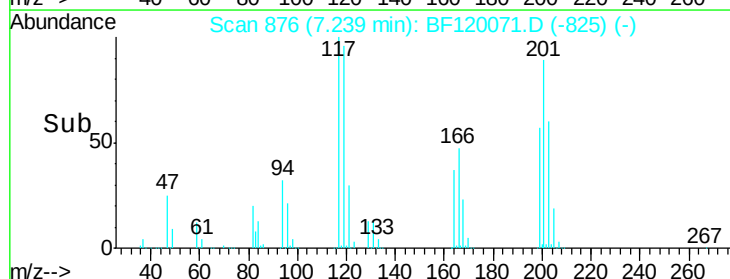
201 89.2 68.4 102.6

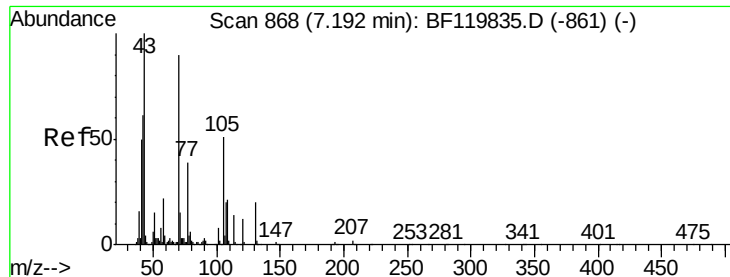


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

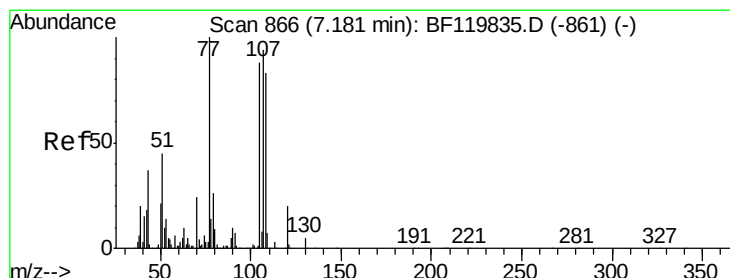
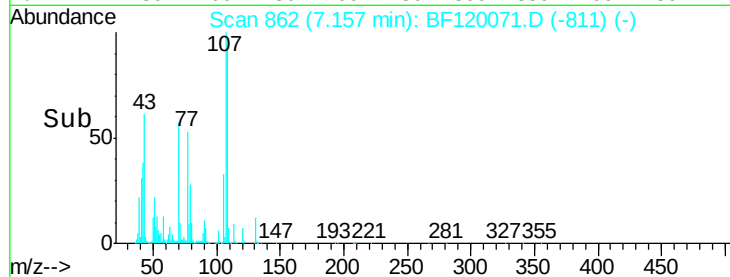
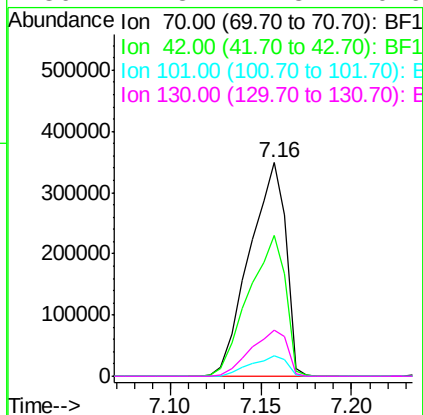
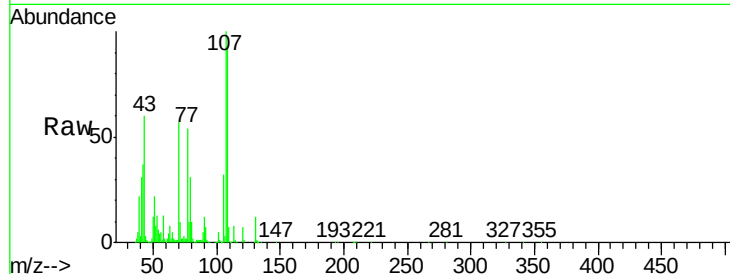




#19
n-Nitroso-di-n-propylamine
Concen: 62.202 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

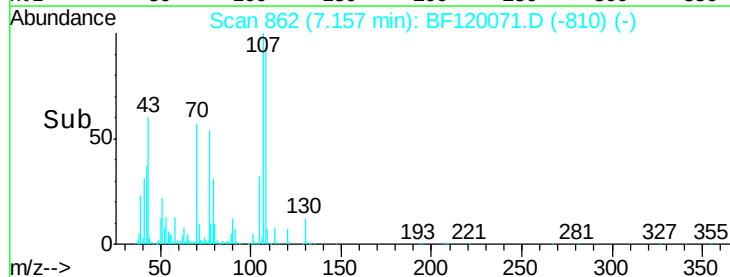
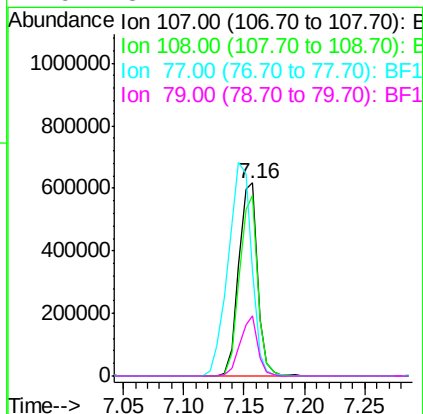
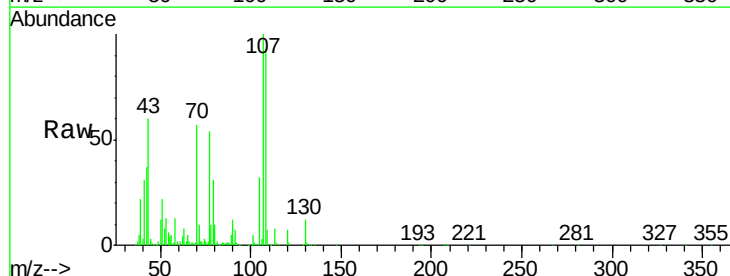
Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

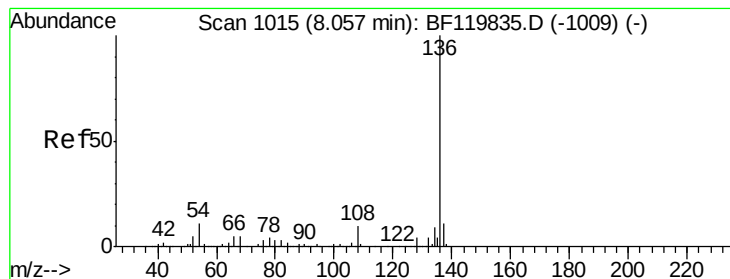
Tot Ion:	70	Resp:	487444
Ion	Ratio	Lower	Upper
70	100		
42	65.9	54.2	81.4
101	9.6	7.4	11.2
130	21.3	17.8	26.6



#20
3+4-Methylphenols
Concen: 58.450 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:	107	Resp:	674128
Ion	Ratio	Lower	Upper
107	100		
108	93.4	68.2	108.2
77	54.2	86.6	126.6#
79	31.2	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

Tot Ion:136 Resp: 614312

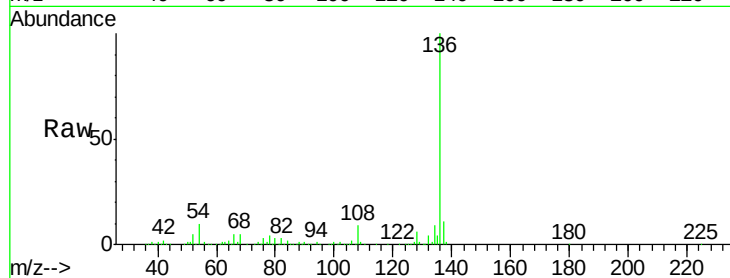
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.4 8.5 12.7

68 5.5 3.9 5.9

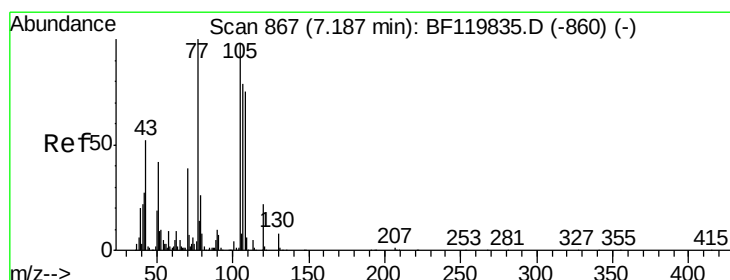
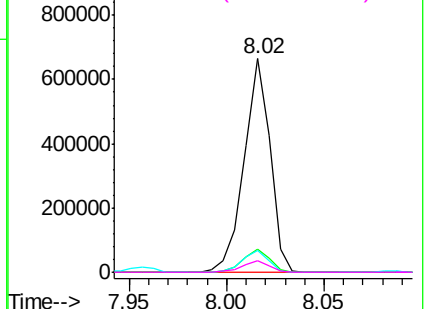
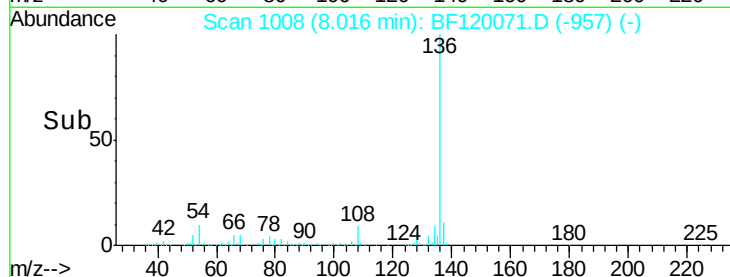


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 64.087 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Tgt Ion:105 Resp: 921913

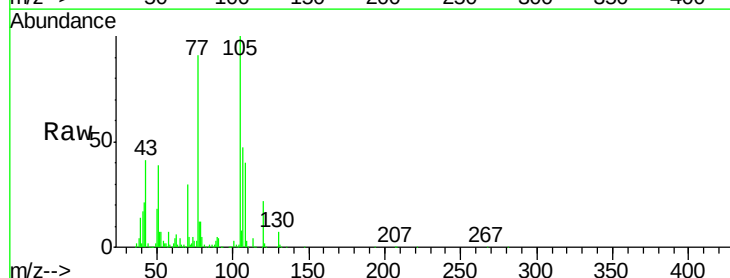
Ion Ratio Lower Upper

105 100

71 5.0 5.6 8.4#

51 38.9 33.9 50.9

120 22.2 17.8 26.8

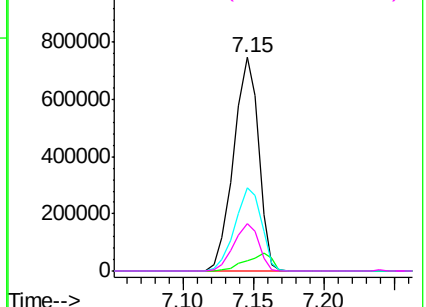
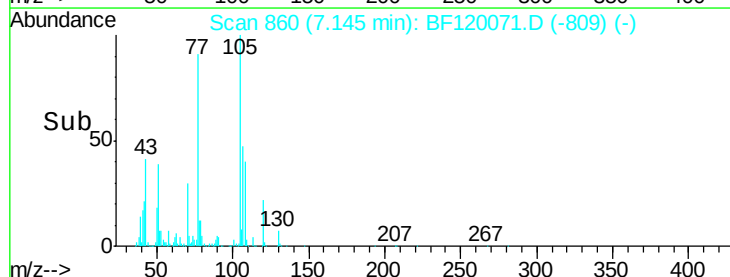


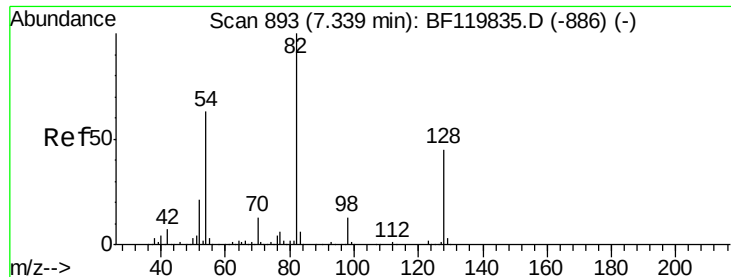
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

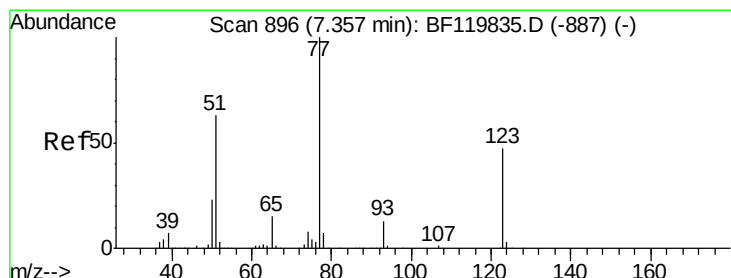
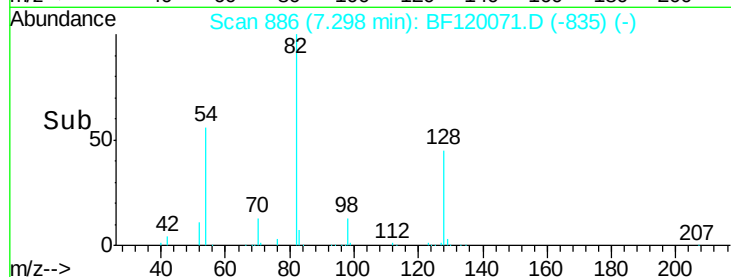
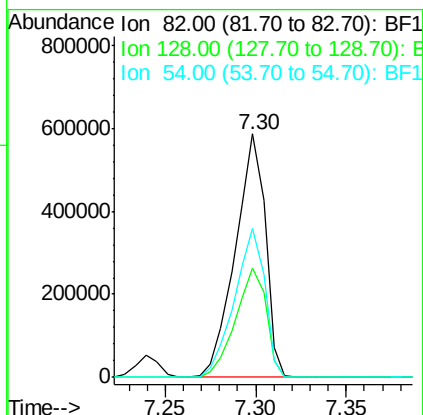
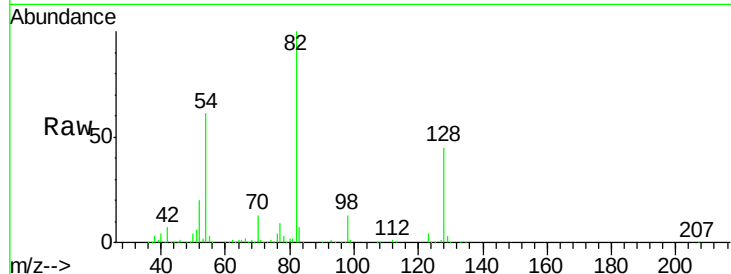




#23
 Nitrobenzene-d5
 Concen: 57.004 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

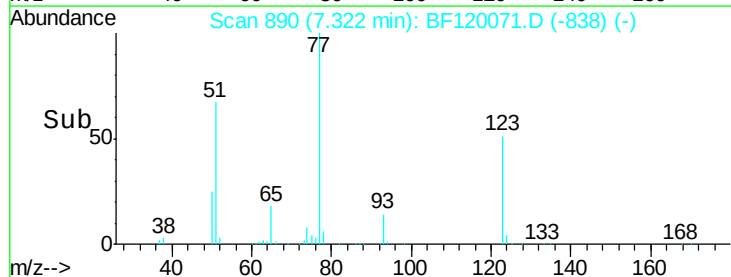
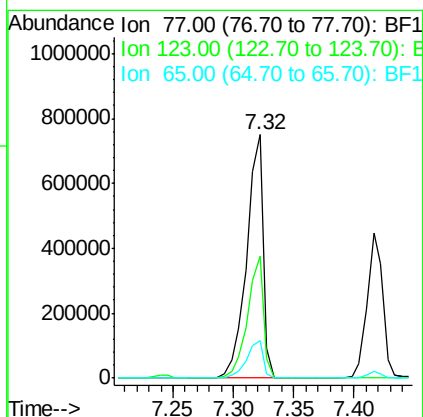
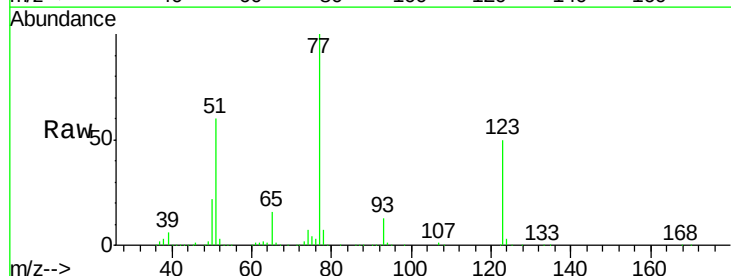
Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

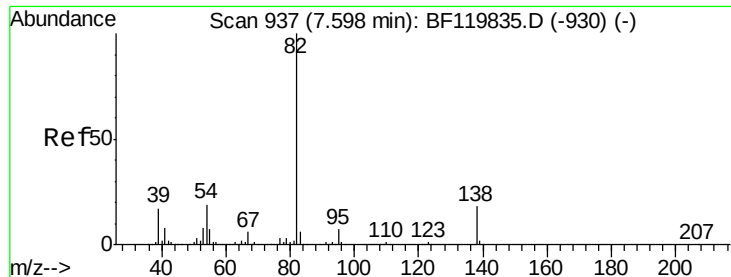
Tot Ion	82	Resp	676900
Ion Ratio	Lower	Upper	
82	100		
128	44.8	36.2	54.4
54	61.1	50.4	75.6



#24
 Nitrobenzene
 Concen: 60.305 ng
 RT: 7.32 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion	77	Resp	720360
Ion Ratio	Lower	Upper	
77	100		
123	50.1	37.8	56.8
65	15.7	12.2	18.2





#25

Isophorone

Concen: 58.701 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

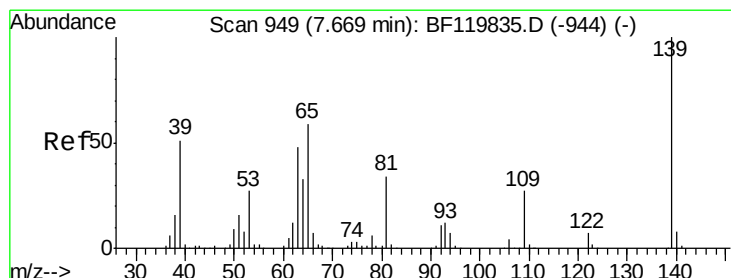
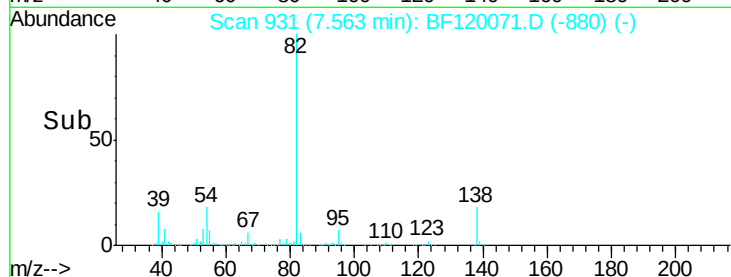
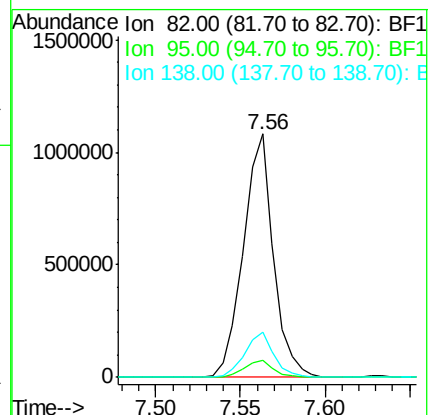
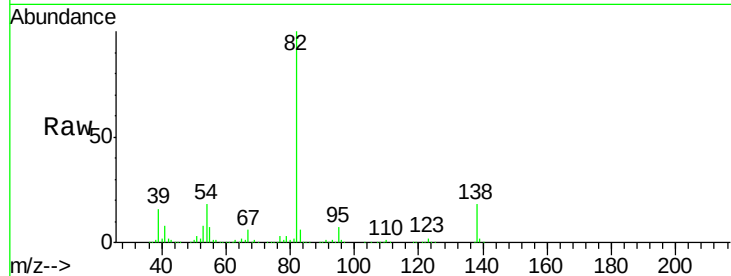
Tot Ion: 82 Resp: 1343692

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.6

138 18.4 14.5 21.7



#26

2-Nitrophenol

Concen: 50.770 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

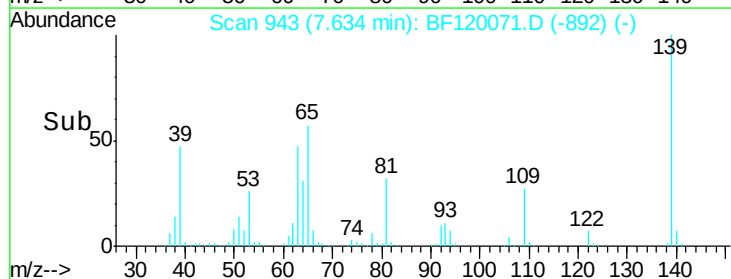
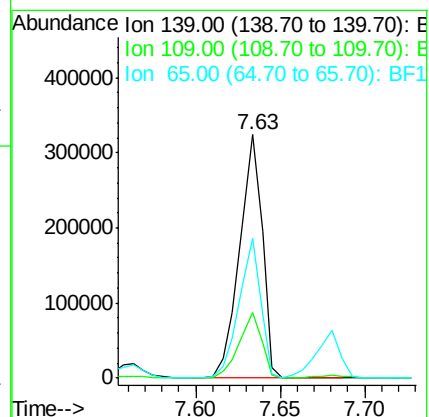
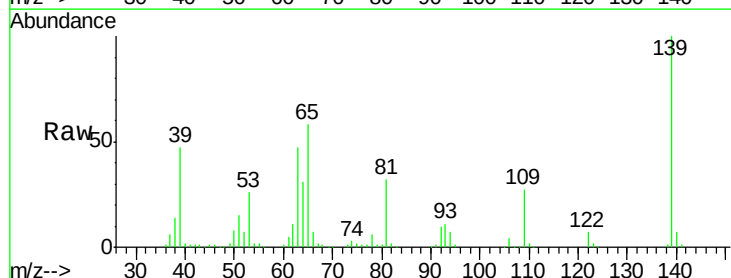
Tgt Ion: 139 Resp: 302989

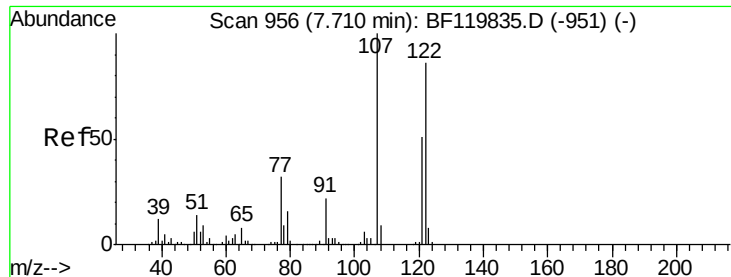
Ion Ratio Lower Upper

139 100

109 26.9 21.8 32.6

65 57.6 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 62.483 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

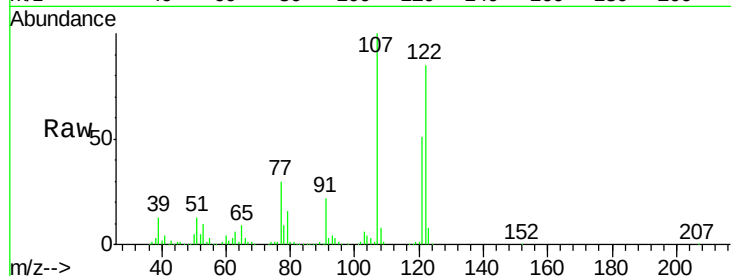
Tot Ion:122 Resp: 562394

Ion Ratio Lower Upper

122 100

107 117.7 92.3 138.5

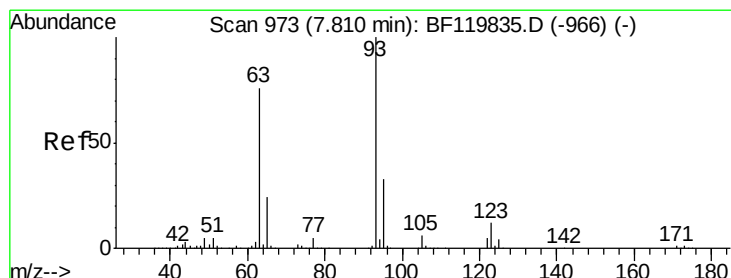
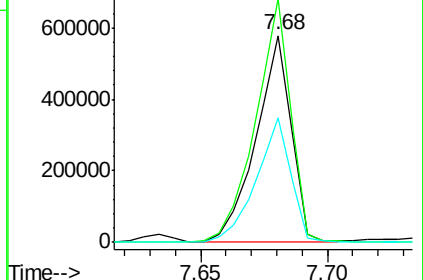
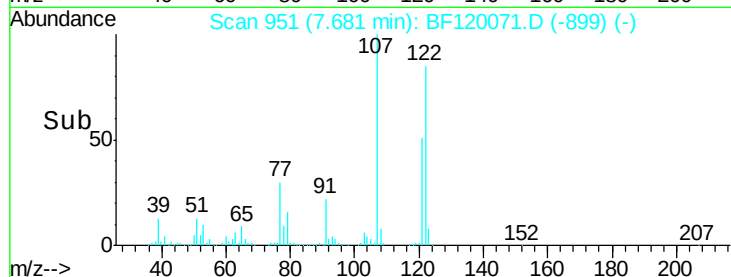
121 60.2 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 64.191 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

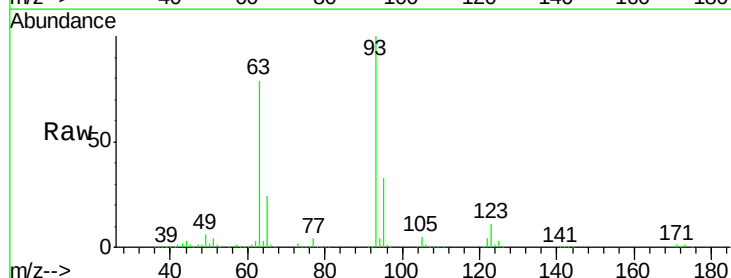
Tgt Ion: 93 Resp: 864638

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

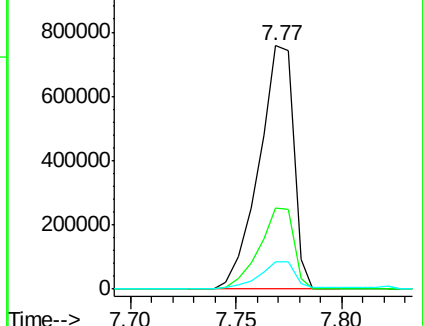
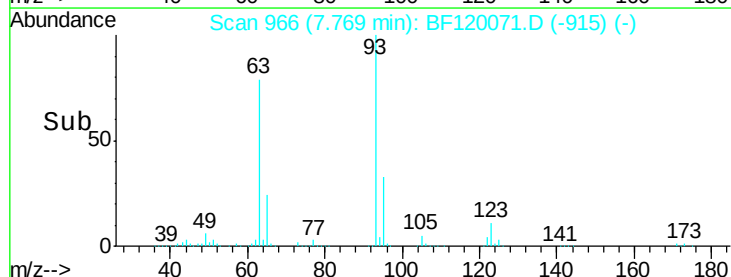
123 11.3 9.7 14.5

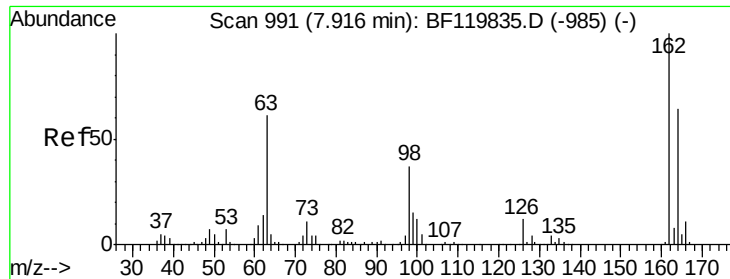


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

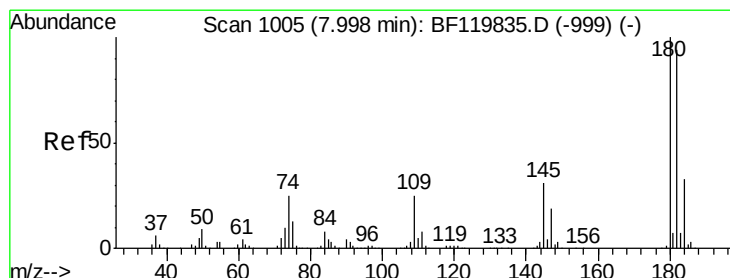
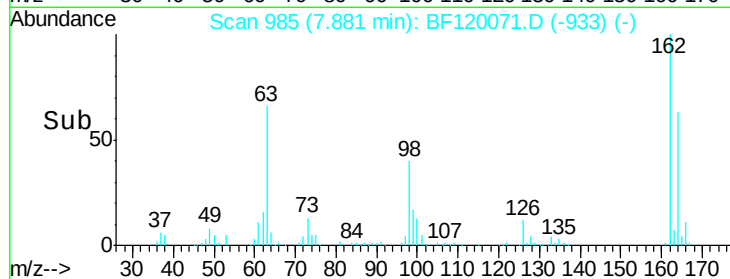
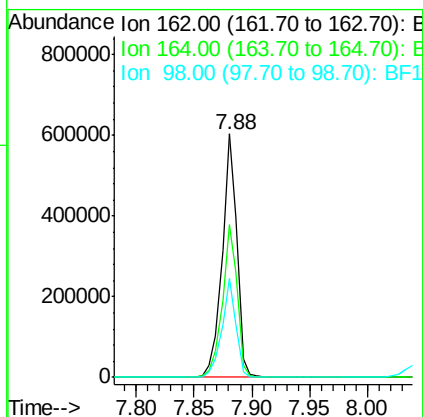
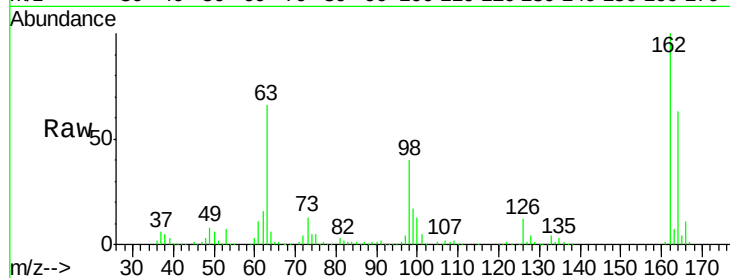




#29
 2,4-Dichlorophenol
 Concen: 58.336 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

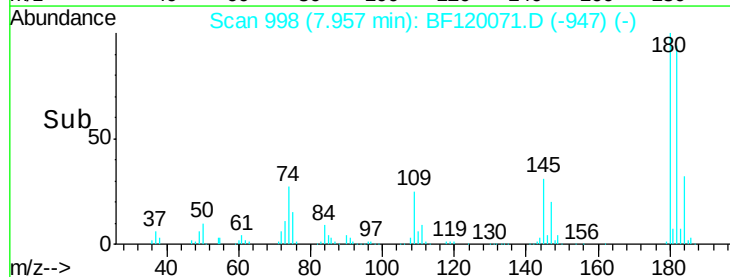
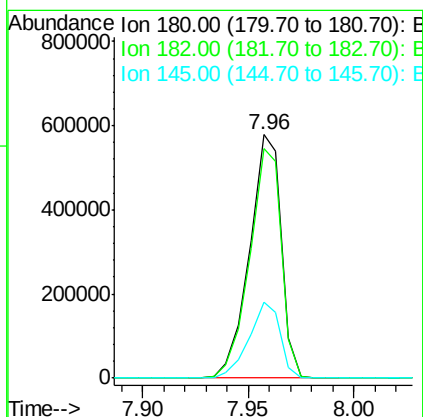
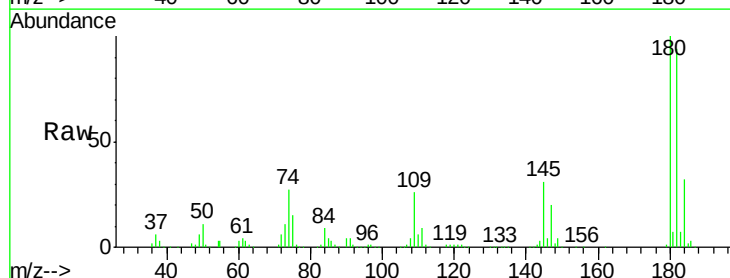
Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

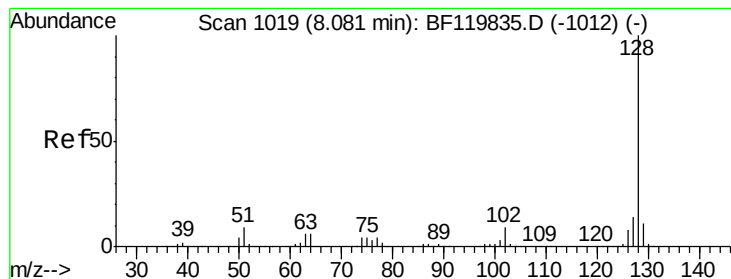
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.4	84.4
98	40.5	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 57.659 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.4	113.0
145	31.2	24.6	37.0





#31

Naphthalene

Concen: 58.219 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

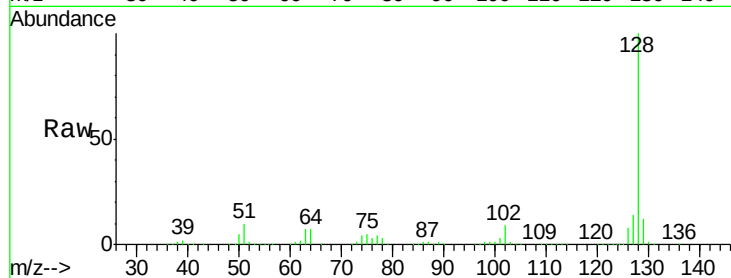
Tot Ion:128 Resp: 1881680

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

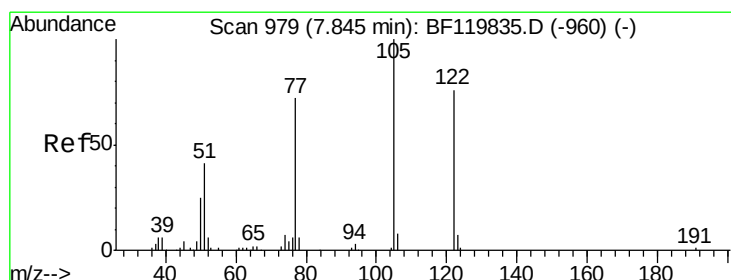
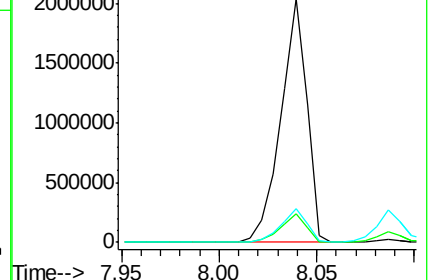
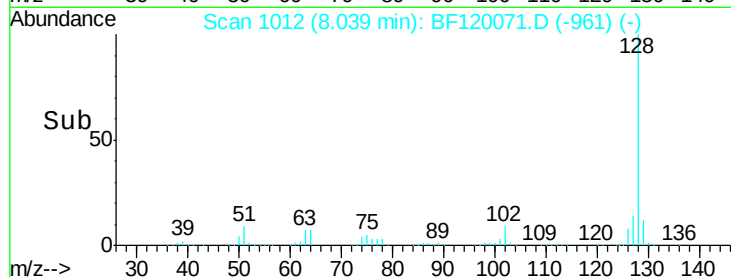
127 13.8 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.168 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

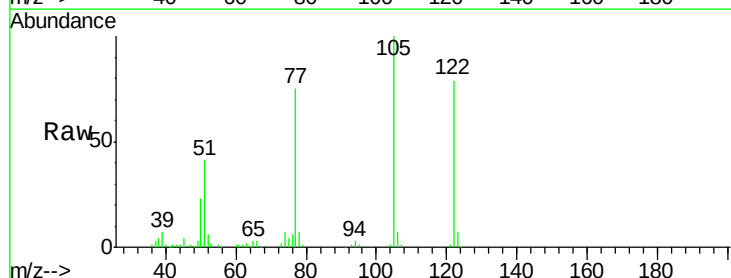
Tgt Ion:122 Resp: 246381

Ion Ratio Lower Upper

122 100

105 126.3 106.7 146.7

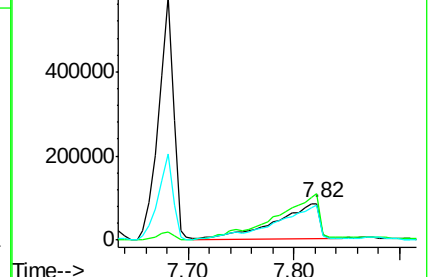
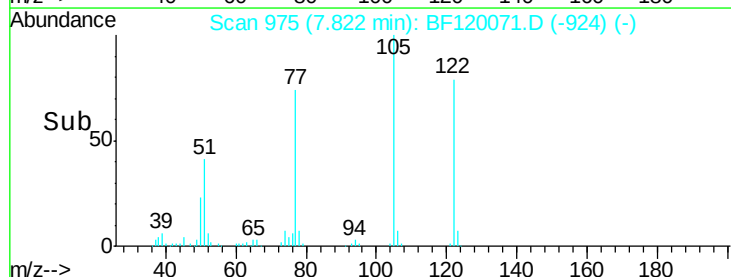
77 94.3 72.1 112.1

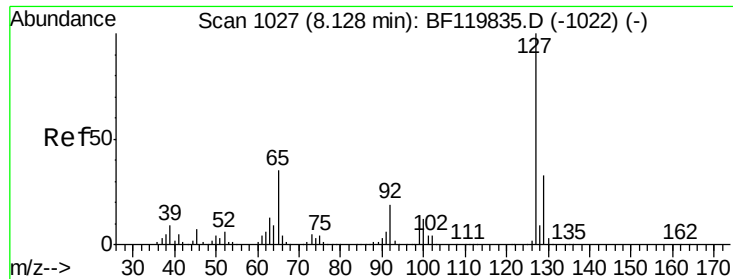


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

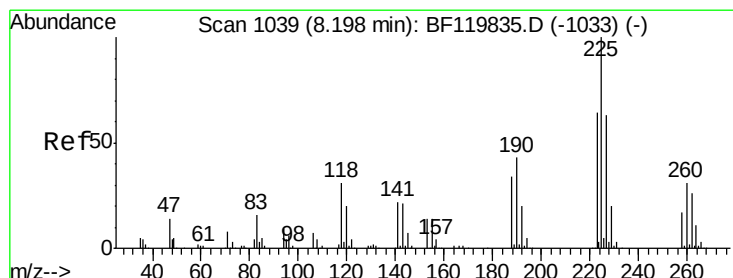
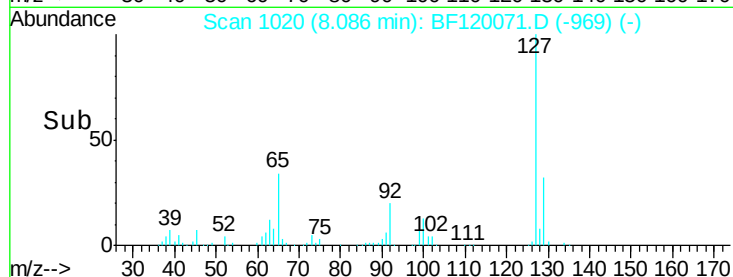
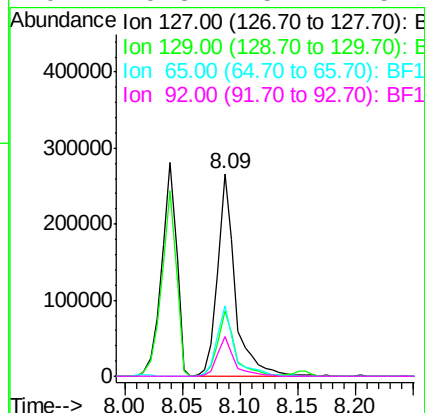
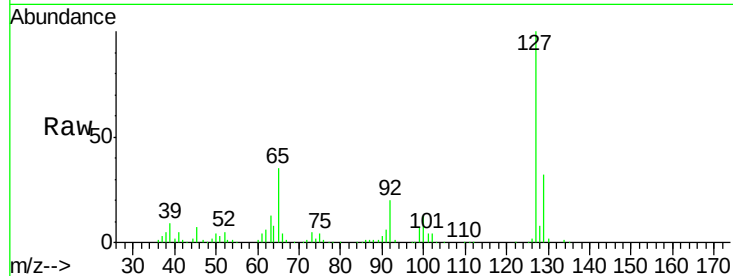




#33
4-Chloroaniline
Concen: 19.843 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

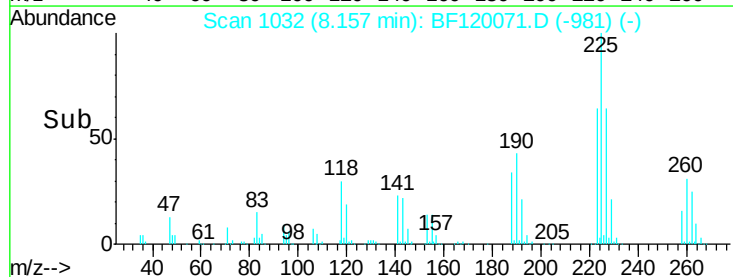
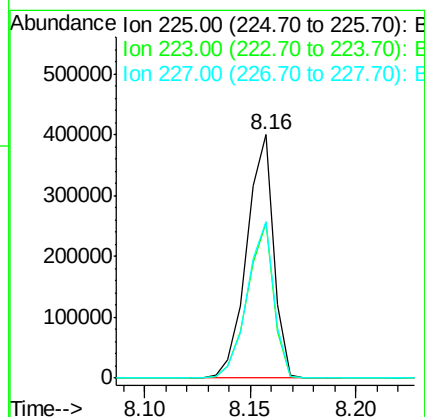
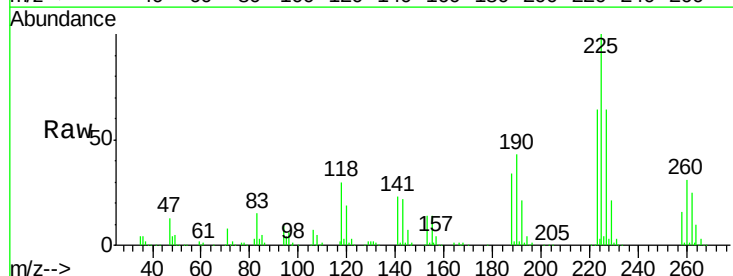
Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

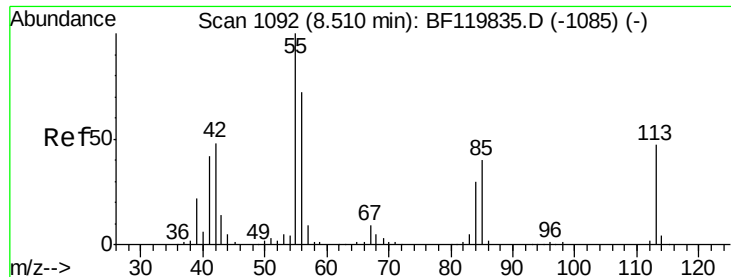
Tot Ion:	127	Resp:	279198
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	34.9	28.3	42.5
92	19.8	15.4	23.2



#34
Hexachlorobutadiene
Concen: 56.224 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:	225	Resp:	351834
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.6
227	64.4	50.4	75.6

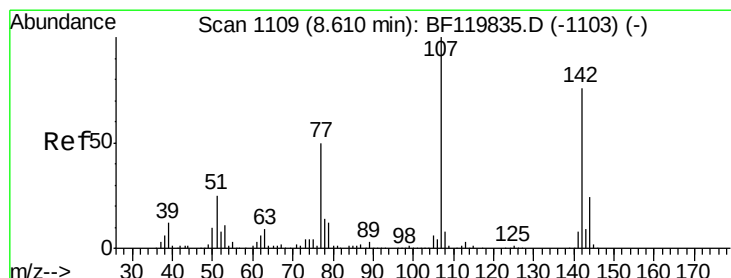
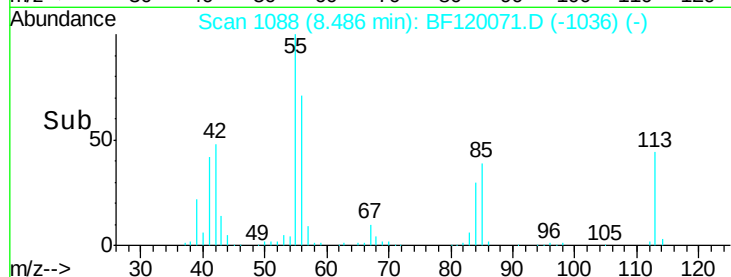
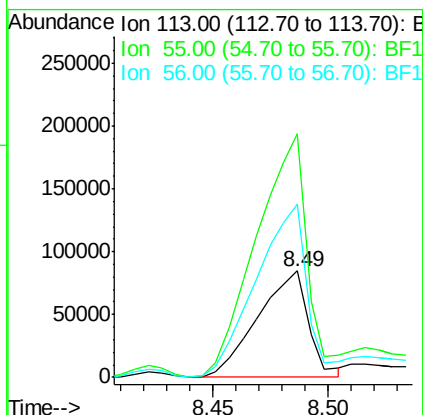
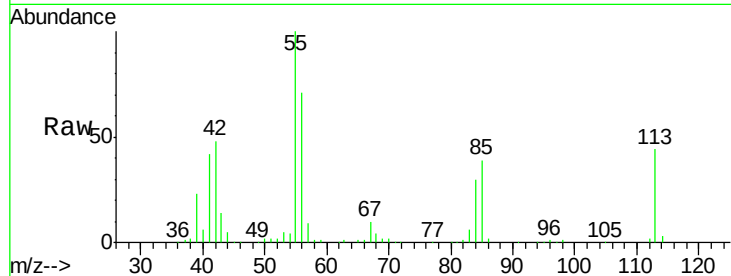




#35
 Caprolactam
 Concen: 45.814 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

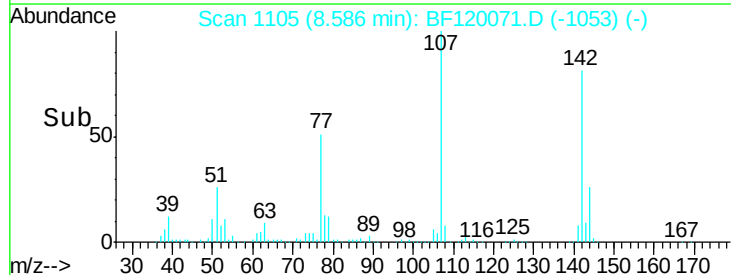
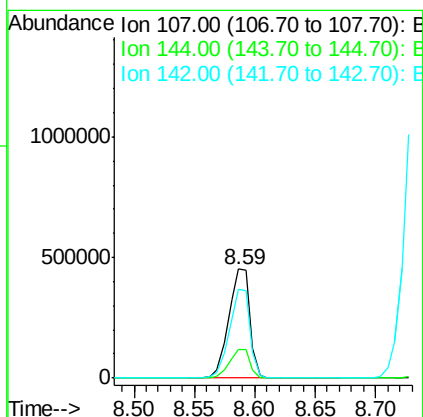
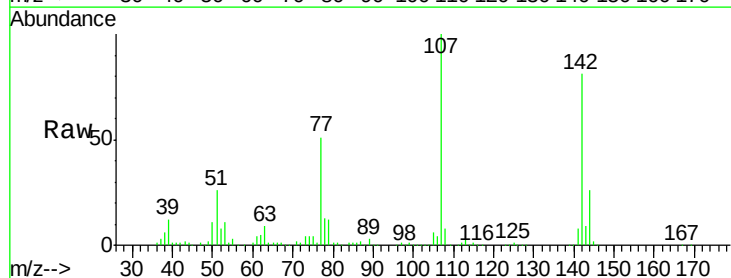
Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

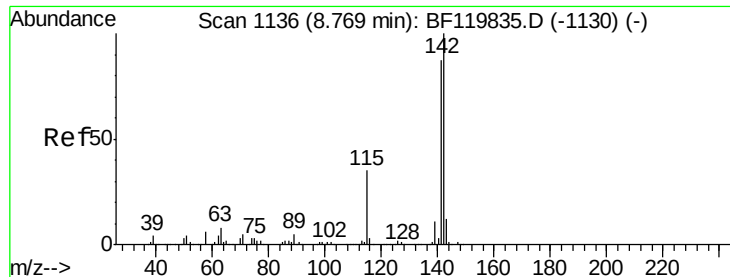
Tot Ion:113 Resp: 129294
 Ion Ratio Lower Upper
 113 100
 55 229.0 192.7 232.7
 56 163.3 133.3 173.3



#36
 4-Chloro-3-methylphenol
 Concen: 55.003 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:107 Resp: 549400
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.5 29.3
 142 80.7 60.5 90.7

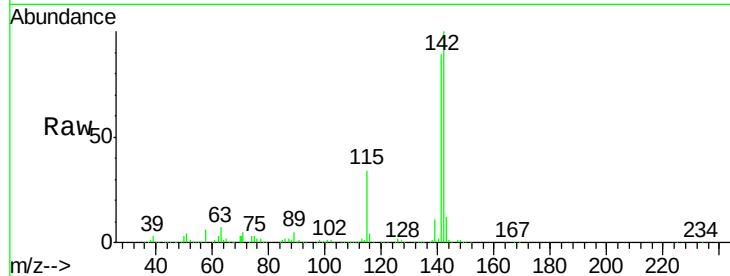




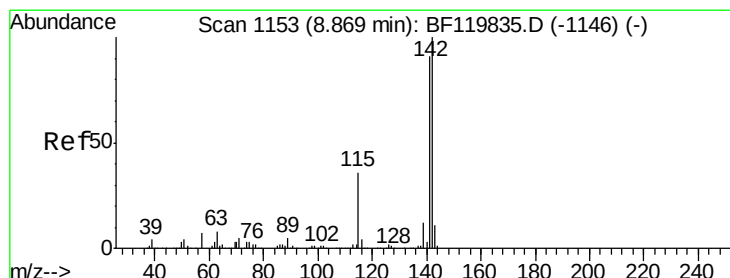
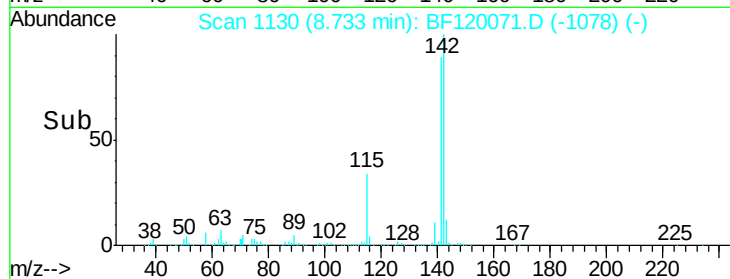
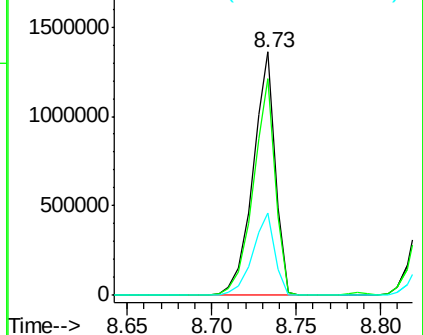
#37
2-Methylnaphthalene
Concen: 57.097 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion:142 Resp: 1251130
Ion Ratio Lower Upper
142 100
141 88.9 69.9 104.9
115 34.0 28.0 42.0

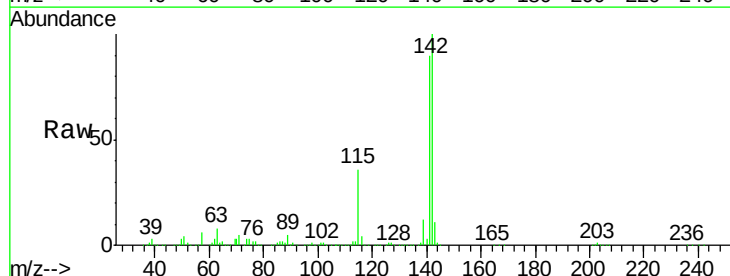


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

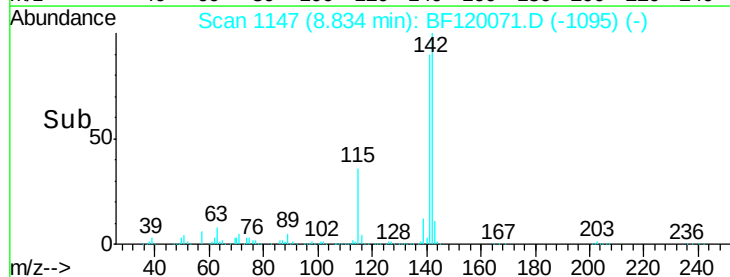
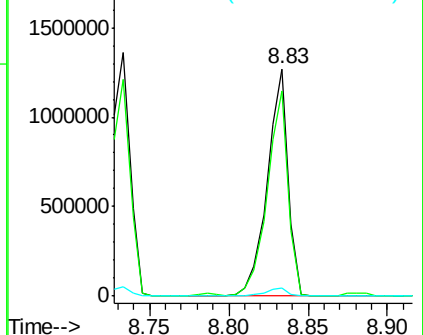


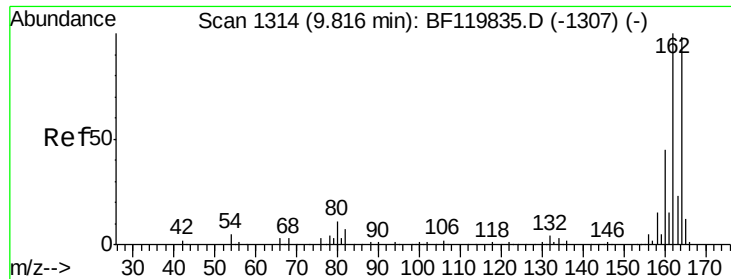
#38
1-Methylnaphthalene
Concen: 56.760 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:142 Resp: 1172294
Ion Ratio Lower Upper
142 100
141 90.4 72.9 109.3
116 3.7 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

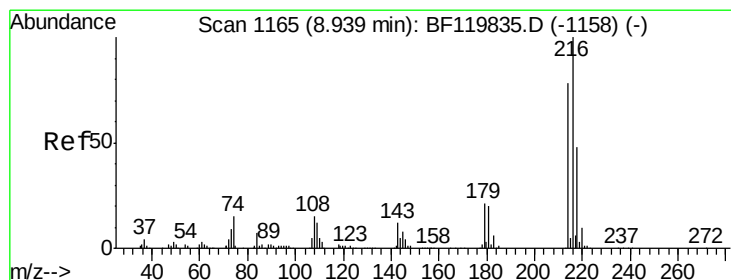
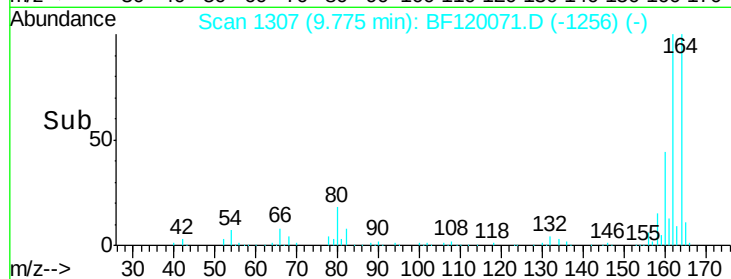
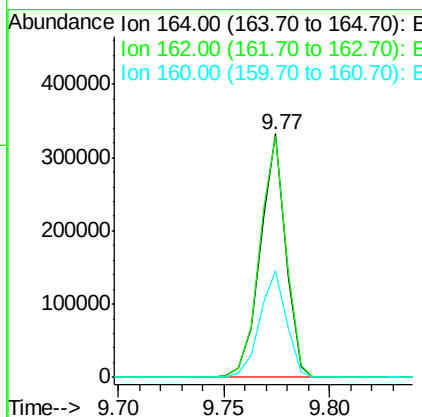
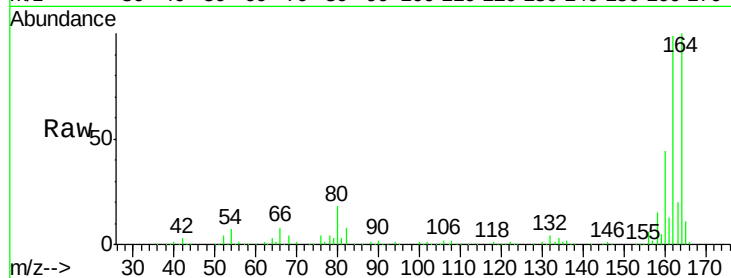




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

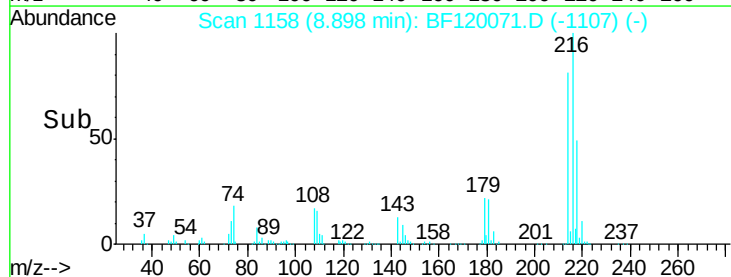
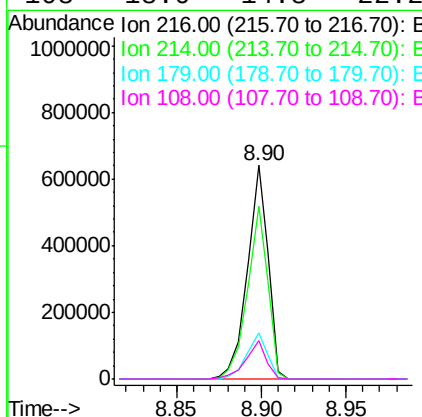
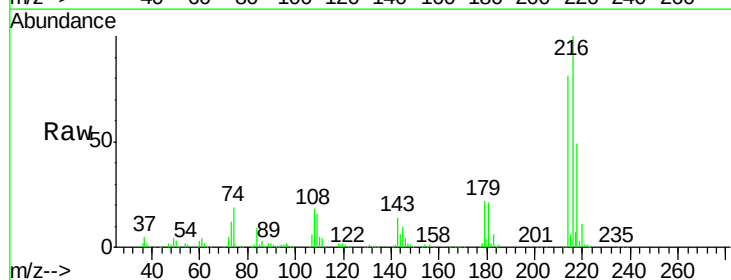
Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

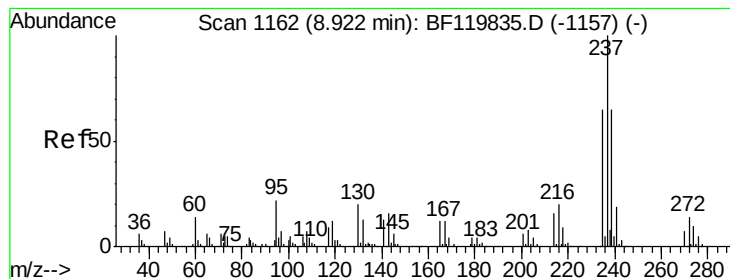
Tot Ion:164 Resp: 278517
 Ion Ratio Lower Upper
 164 100
 162 99.1 81.9 122.9
 160 43.8 36.6 54.8



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 62.506 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:216 Resp: 549852
 Ion Ratio Lower Upper
 216 100
 214 80.5 63.1 94.7
 179 21.5 17.0 25.4
 108 18.0 14.8 22.2





#41

Hexachlorocyclopentadiene

Concen: 29.966 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

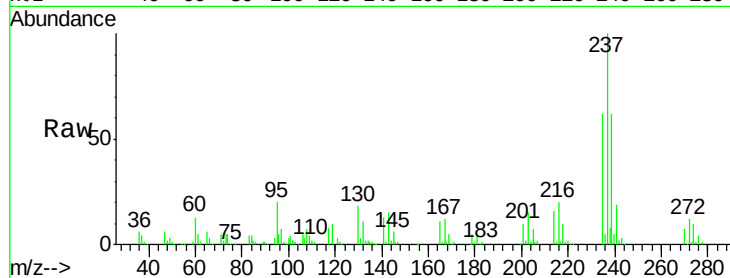
Tot Ion:237 Resp: 149894

Ion Ratio Lower Upper

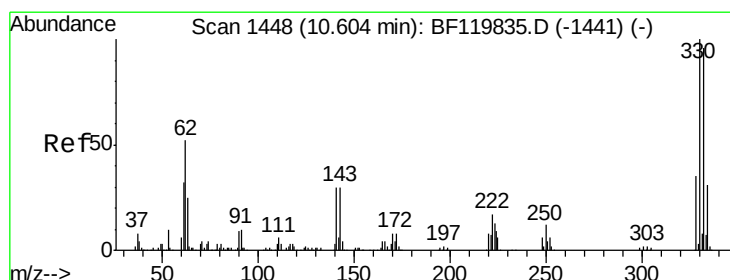
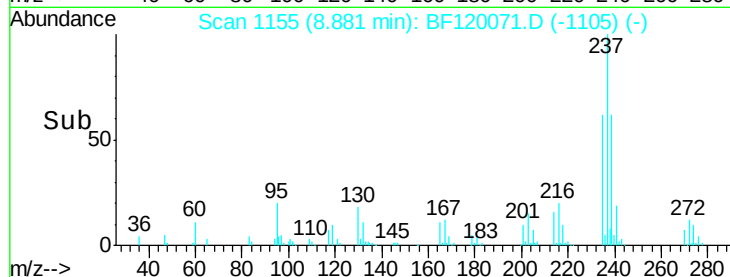
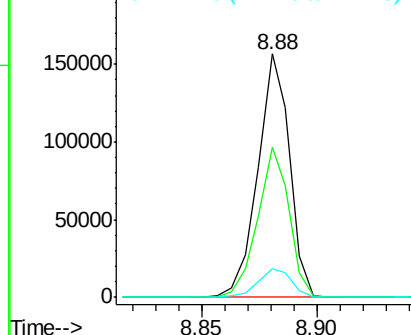
237 100

235 61.6 44.9 84.9

272 11.9 0.0 33.6



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: 56.884 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

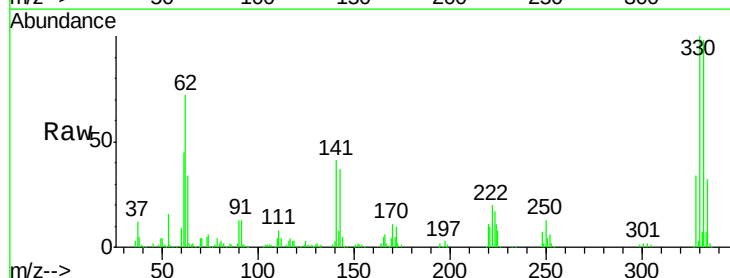
Tgt Ion:330 Resp: 193973

Ion Ratio Lower Upper

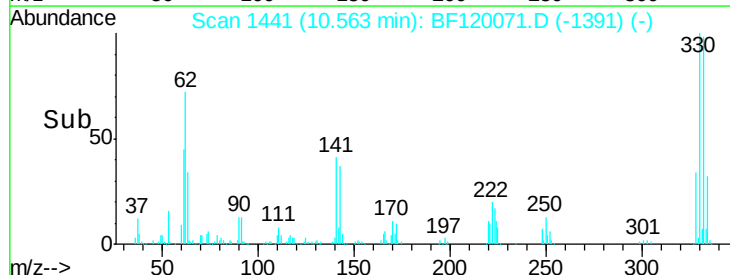
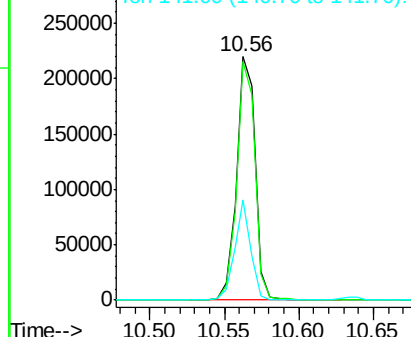
330 100

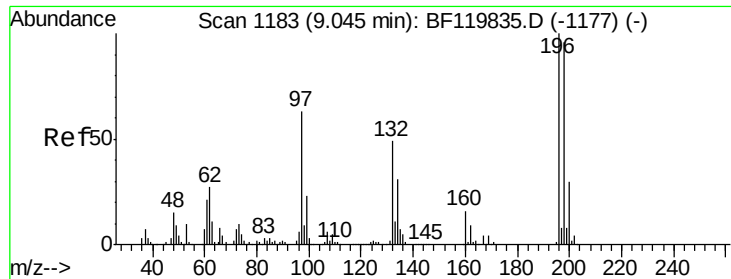
332 96.2 76.8 115.2

141 35.6 25.1 37.7



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

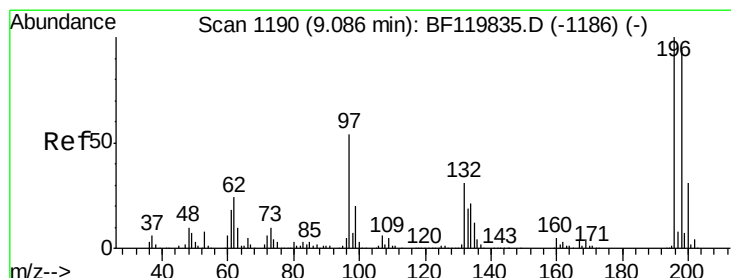
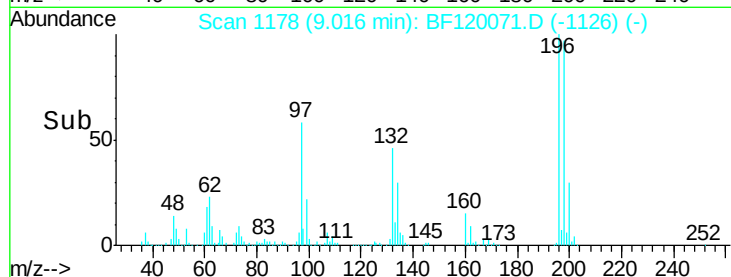
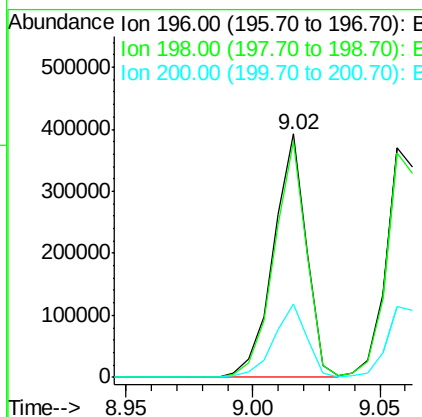
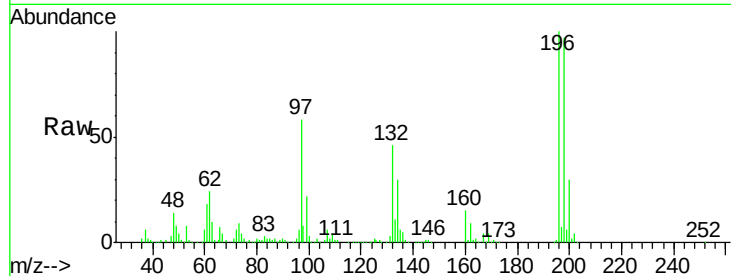




#43
 2,4,6-Trichlorophenol
 Concen: 58.781 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

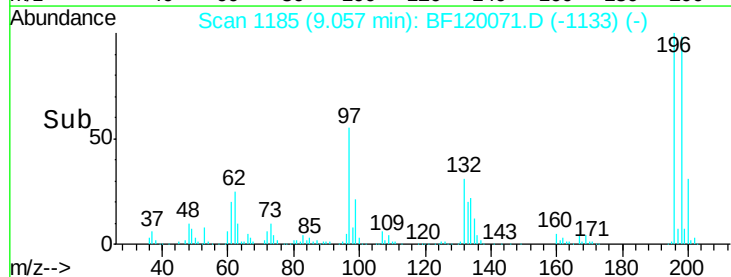
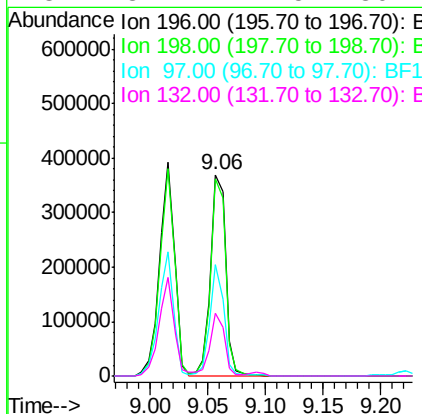
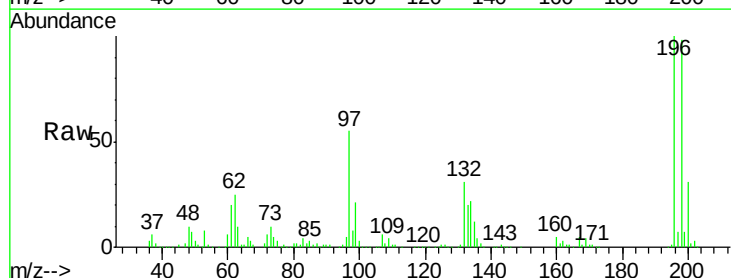
Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

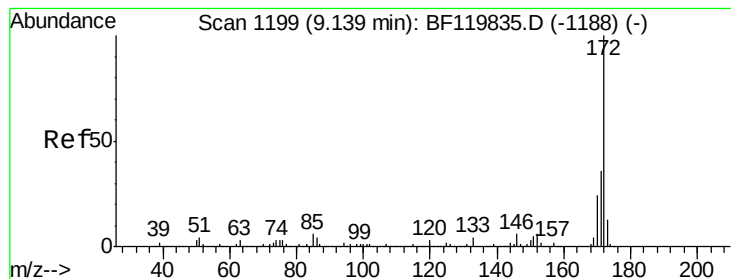
Tot Ion:196 Resp: 357069
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.6 115.0
 200 29.9 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 49.671 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:196 Resp: 339839
 Ion Ratio Lower Upper
 196 100
 198 98.0 75.1 112.7
 97 55.1 43.4 65.2
 132 31.1 24.5 36.7

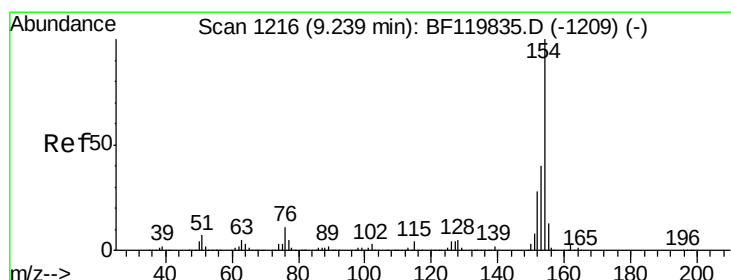
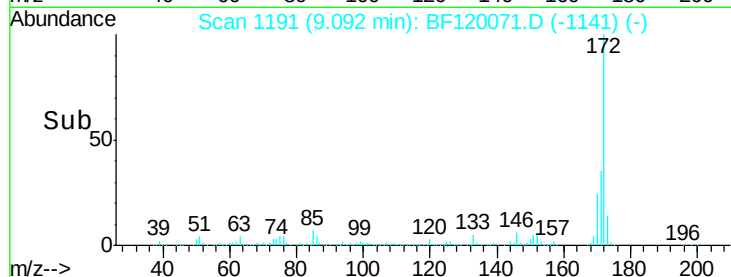
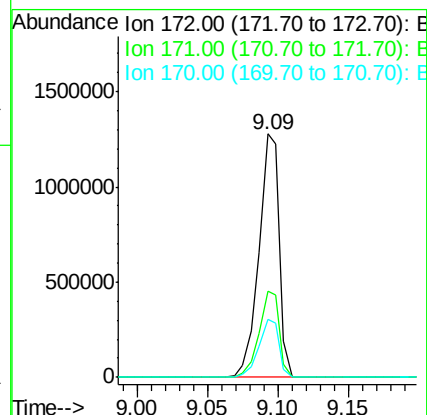
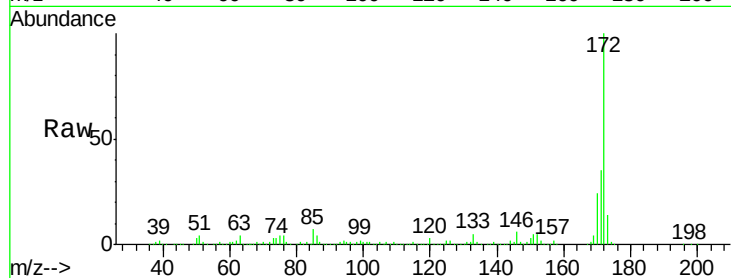




#45
2-Fluorobiphenyl
Concen: 66.232 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

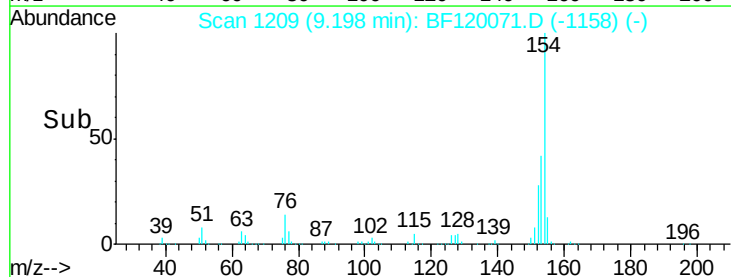
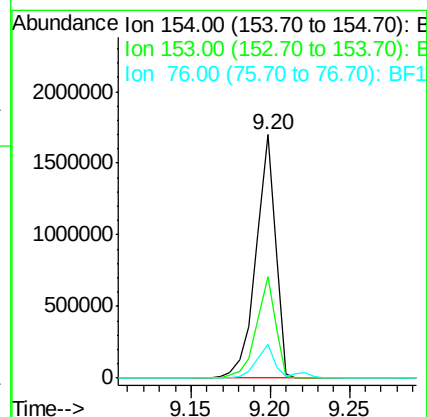
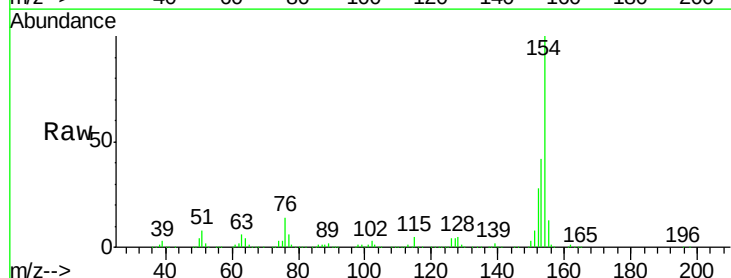
Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

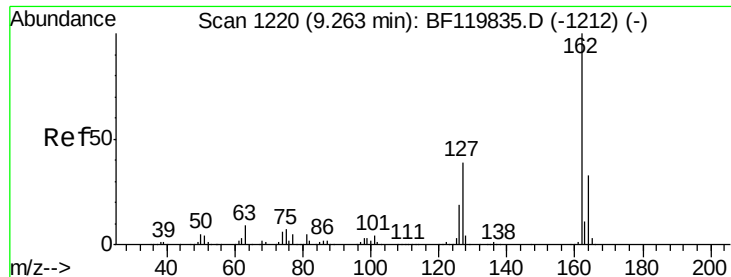
Tot Ion:172 Resp: 1299256
Ion Ratio Lower Upper
172 100
171 35.2 28.9 43.3
170 23.9 19.4 29.2



#46
1,1'-Biphenyl
Concen: 61.564 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:154 Resp: 1447265
Ion Ratio Lower Upper
154 100
153 41.8 20.5 60.5
76 13.7 0.0 30.6

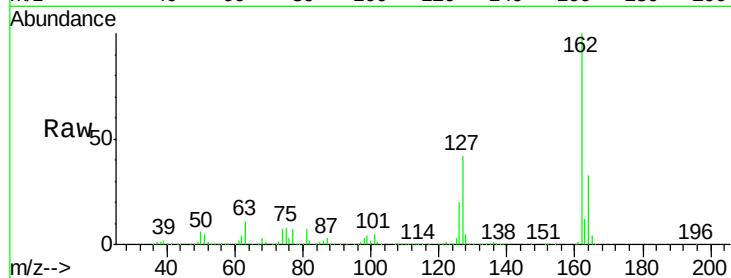




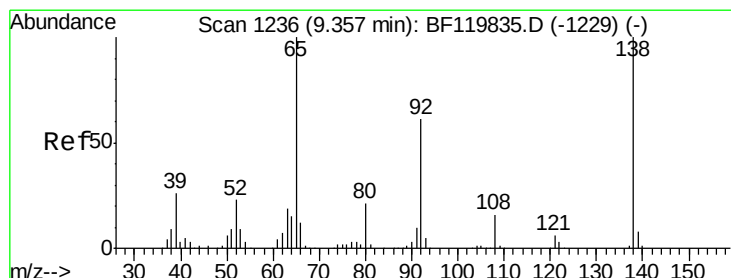
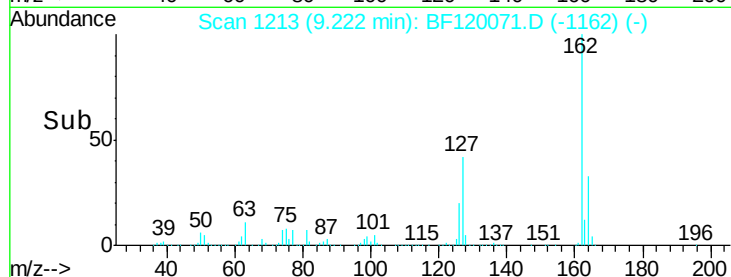
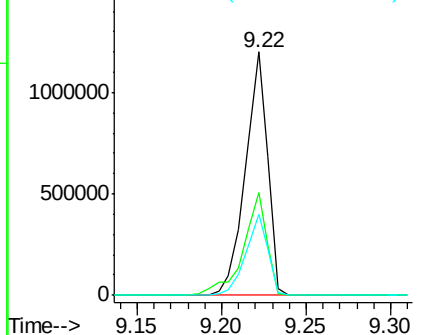
#47
2-Chloronaphthalene
Concen: 61.066 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion:162 Resp: 1105883
Ion Ratio Lower Upper
162 100
127 42.2 31.2 46.8
164 33.2 26.3 39.5

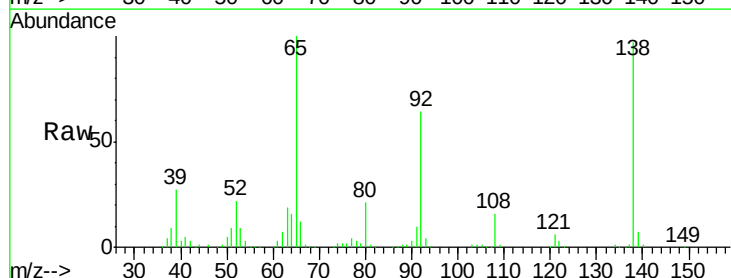


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

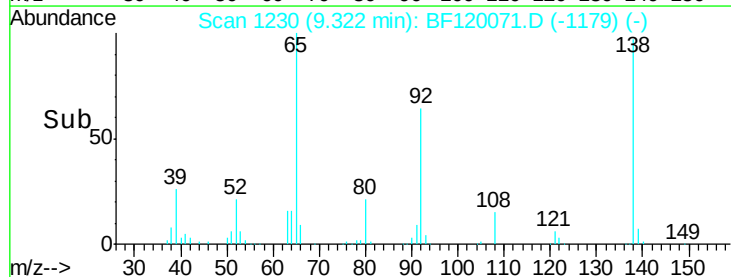
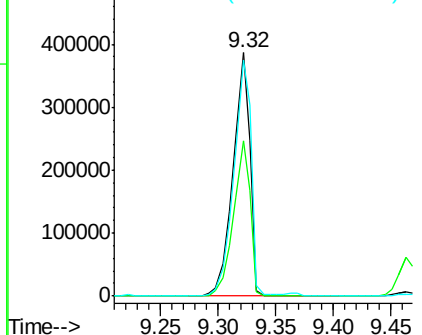


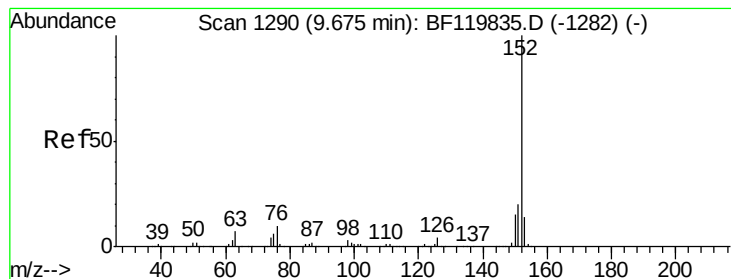
#48
2-Nitroaniline
Concen: 59.345 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion: 65 Resp: 389461
Ion Ratio Lower Upper
65 100
92 63.8 49.0 73.6
138 96.9 79.7 119.5



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: 58.638 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

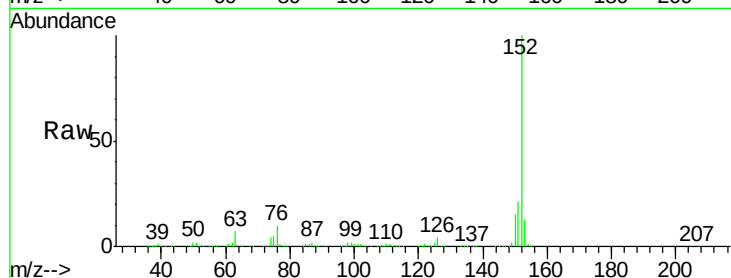
Tot Ion:152 Resp: 1614967

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.4

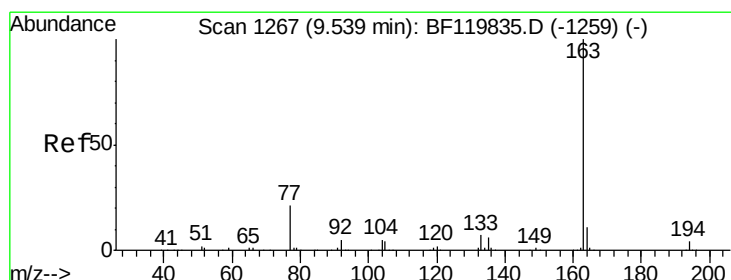
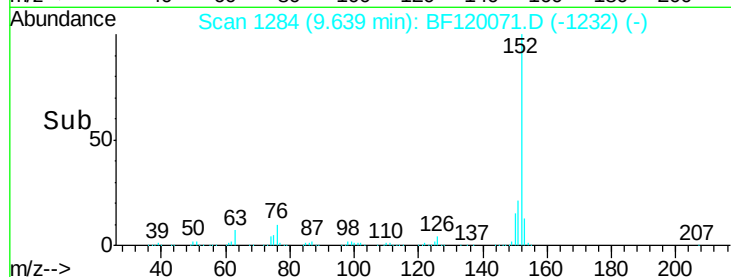
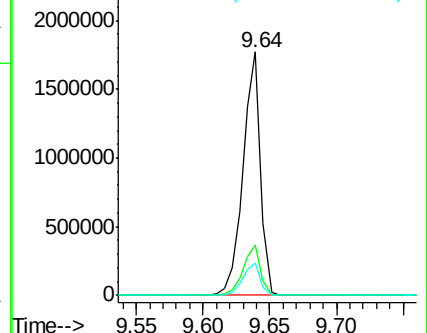
153 13.4 10.9 16.3



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: 71.928 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

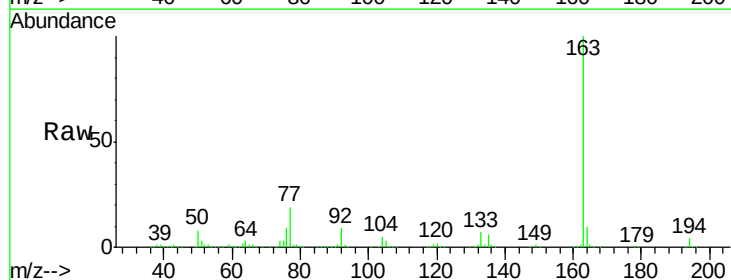
Tgt Ion:163 Resp: 1549530

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

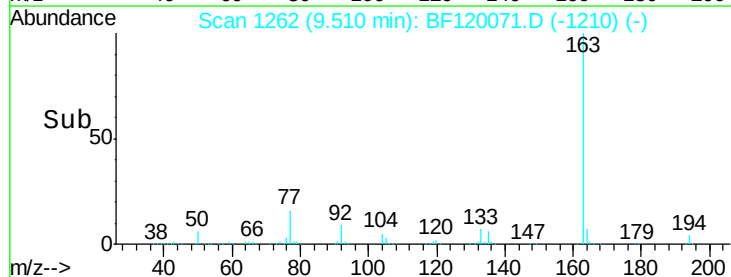
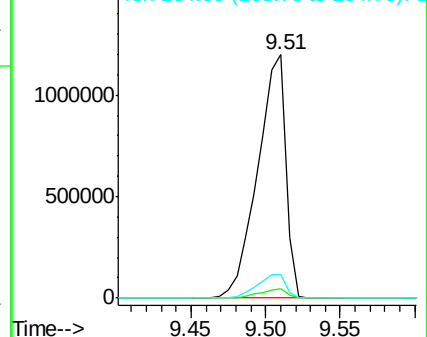
164 9.7 8.4 12.6

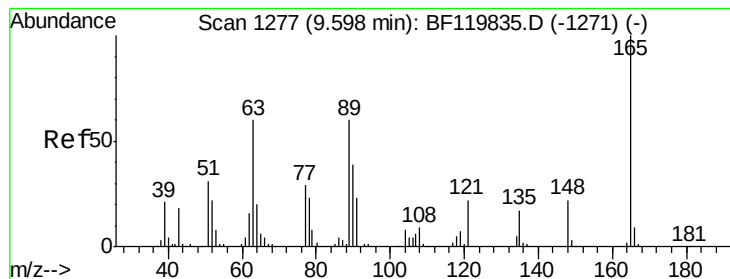


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 55.924 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

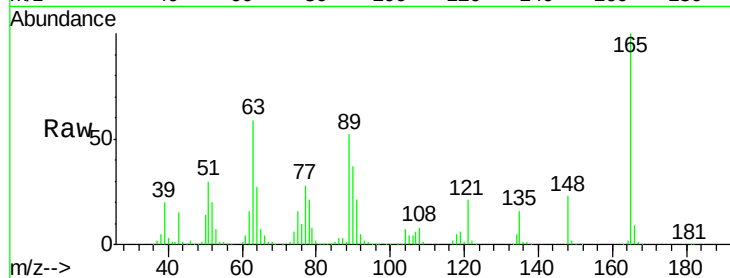
Tot Ion:165 Resp: 263824

Ion Ratio Lower Upper

165 100

63 59.4 55.6 83.4

89 52.2 47.9 71.9

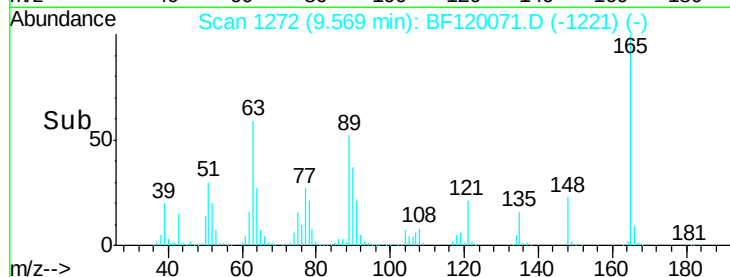


Abundance Ion 165.00 (164.70 to 165.70): E

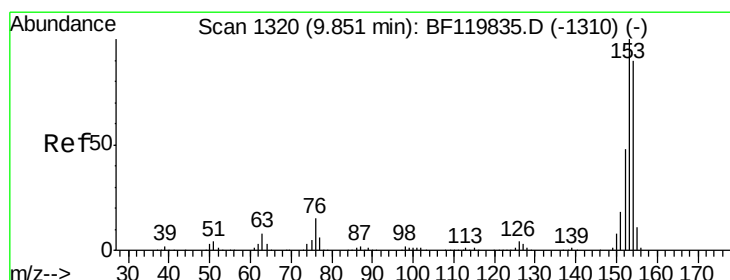
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 53.647 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

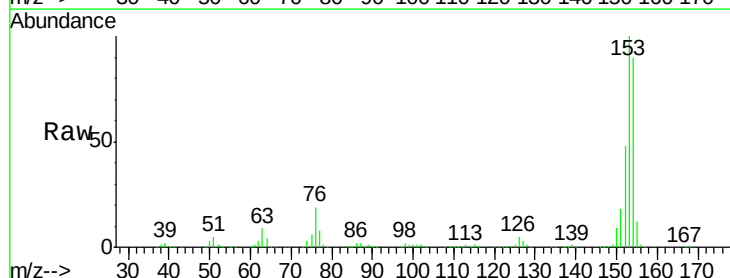
Tgt Ion:154 Resp: 985587

Ion Ratio Lower Upper

154 100

153 111.7 88.8 133.2

152 53.3 42.4 63.6

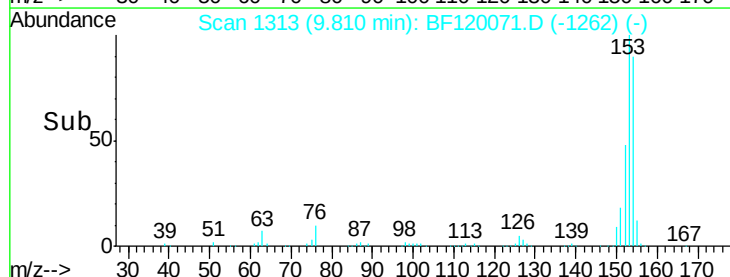


Abundance Ion 154.00 (153.70 to 154.70): E

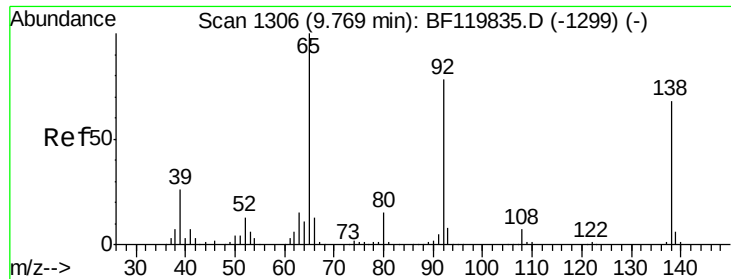
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



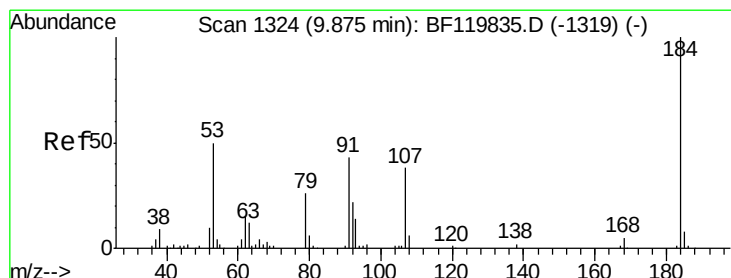
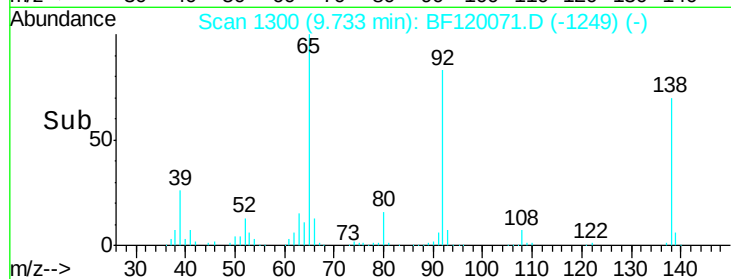
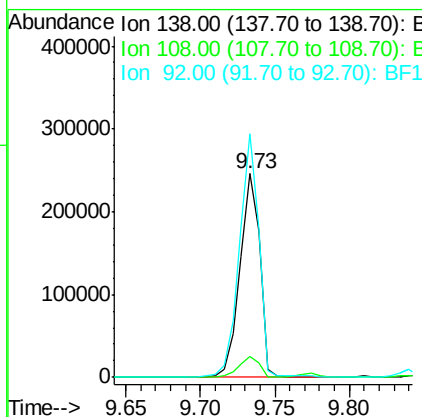
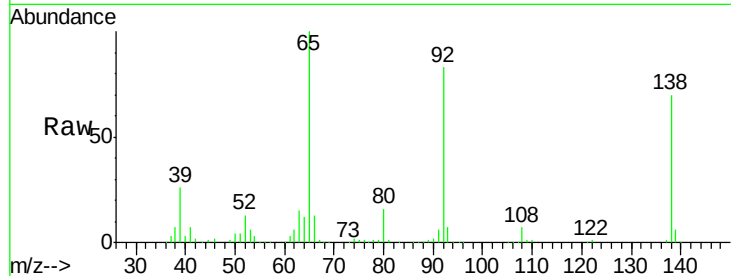
Time-->



#53
3-Nitroaniline
Concen: 42.590 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

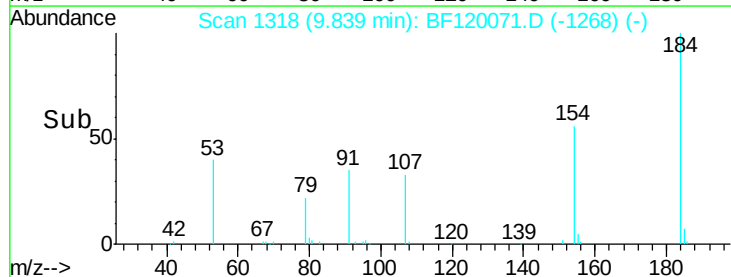
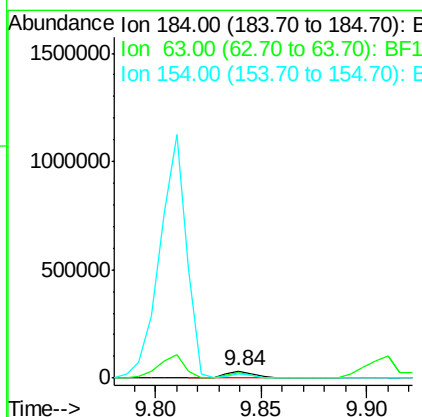
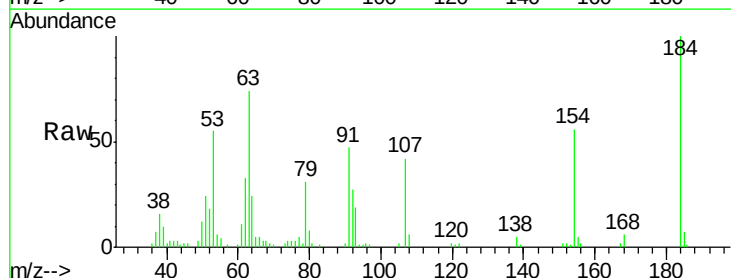
Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

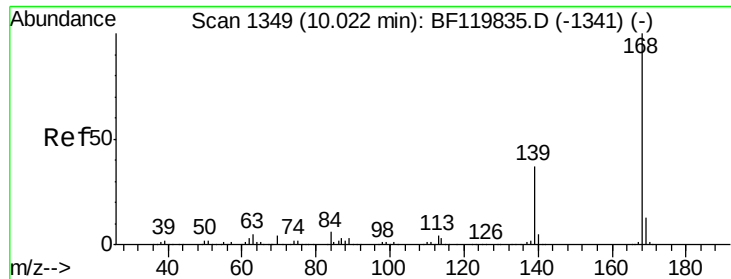
Tot Ion:138 Resp: 229472
Ion Ratio Lower Upper
138 100
108 10.6 8.0 12.0
92 119.4 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 11.392 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:184 Resp: 32176
Ion Ratio Lower Upper
184 100
63 74.0 49.8 74.6
154 56.0 46.5 69.7

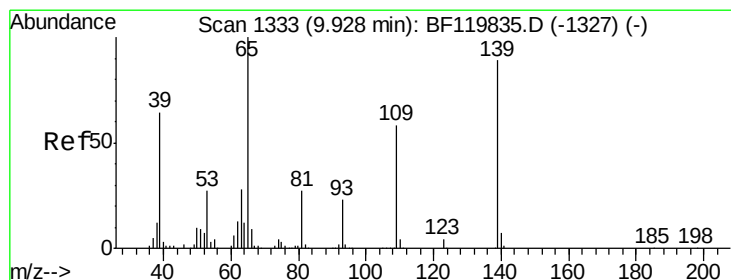
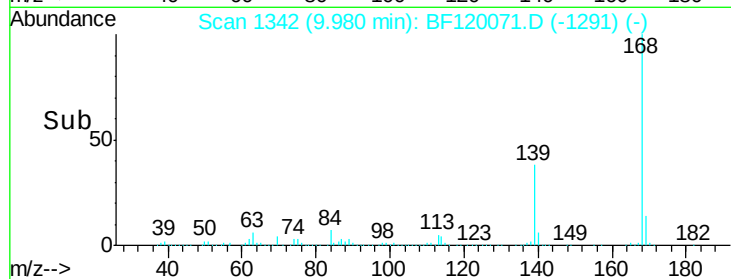
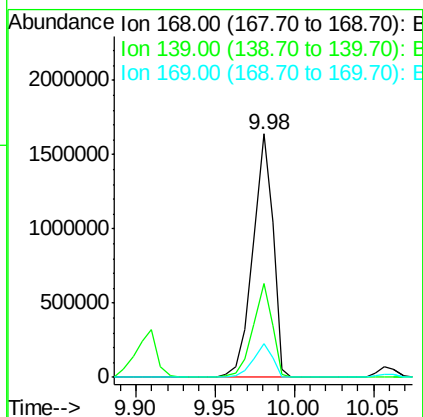
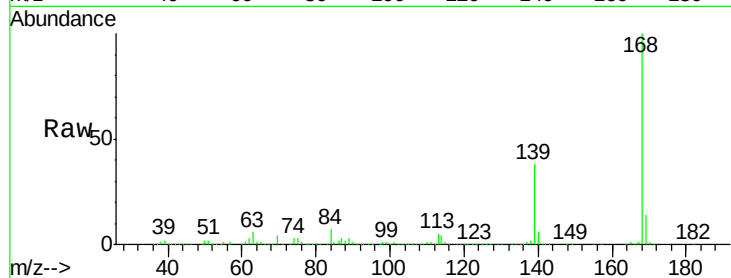




#55
Dibenzofuran
Concen: 57.226 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

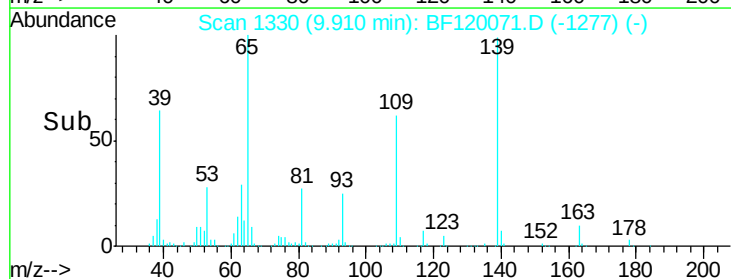
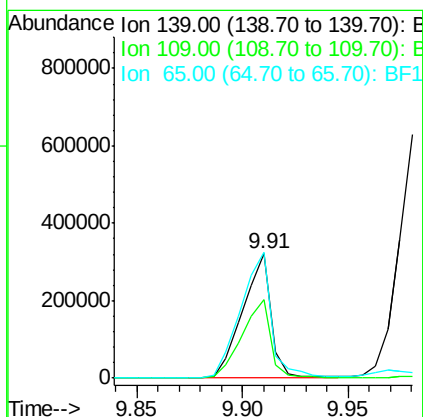
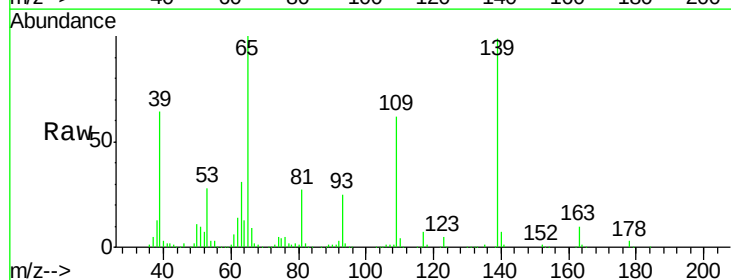
Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

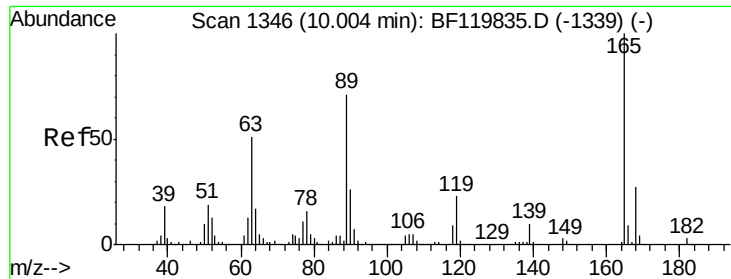
Tot Ion:168 Resp: 1442718
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.6
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 75.467 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:139 Resp: 302535
Ion Ratio Lower Upper
139 100
109 62.9 45.5 85.5
65 101.4 92.3 132.3

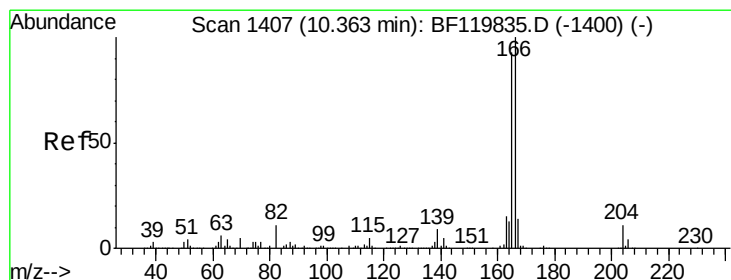
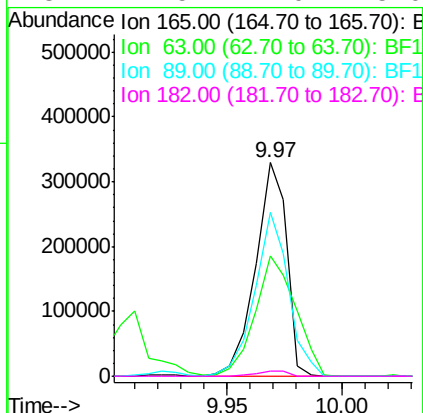
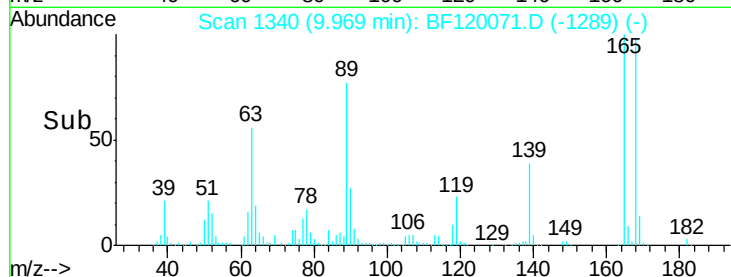
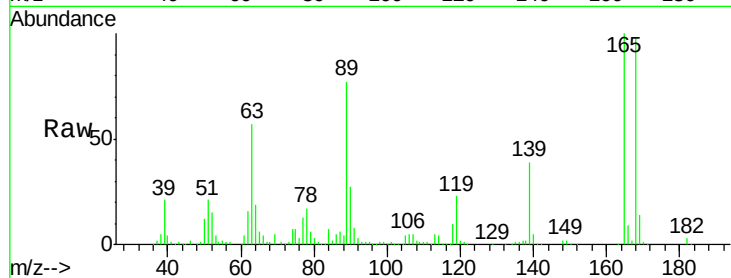




#57
 2,4-Dinitrotoluene
 Concen: 50.039 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

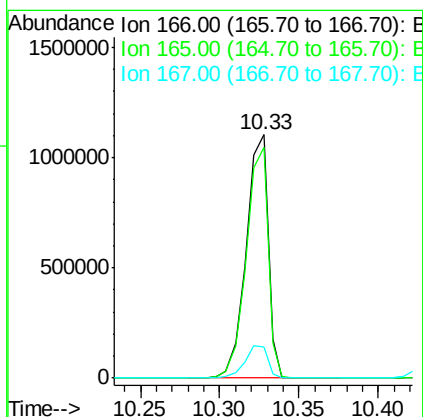
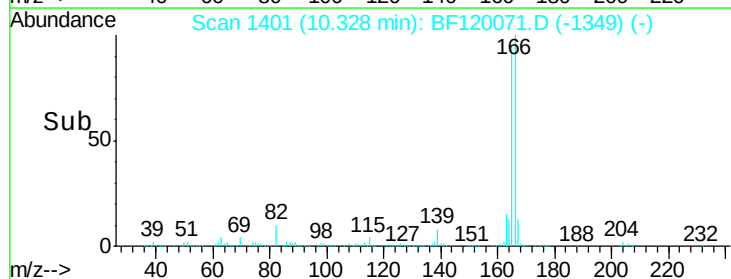
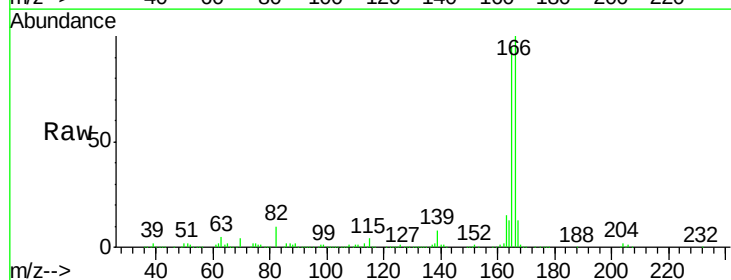
Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

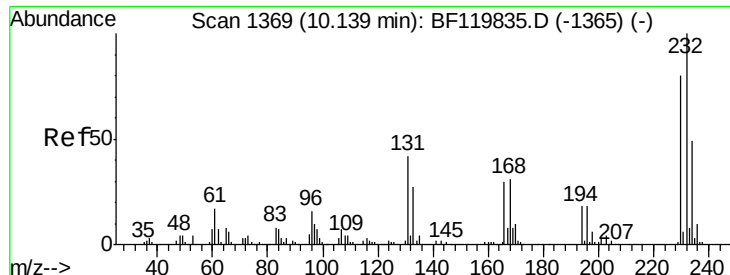
Tot Ion:165	Resp:	311012
Ion	Ratio	Lower Upper
165	100	
63	56.6	40.8 61.2
89	76.8	56.9 85.3
182	2.5	2.0 3.0



#58
 Fluorene
 Concen: 52.468 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:166	Resp:	1057885
Ion	Ratio	Lower Upper
166	100	
165	94.8	74.2 111.2
167	13.0	10.8 16.2

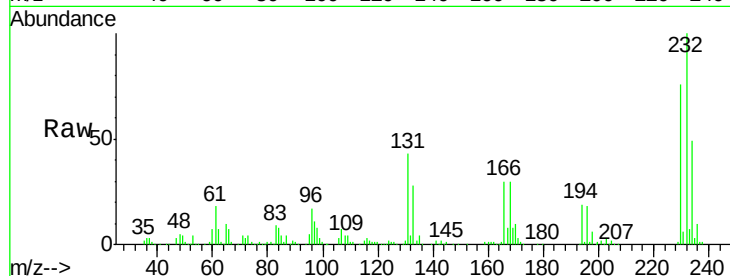




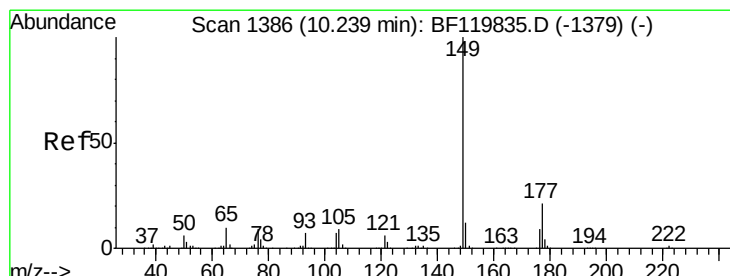
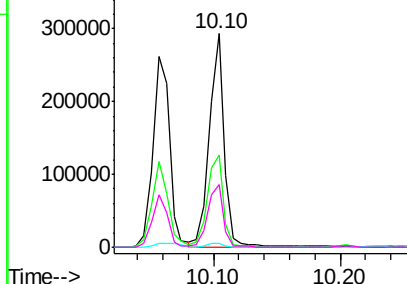
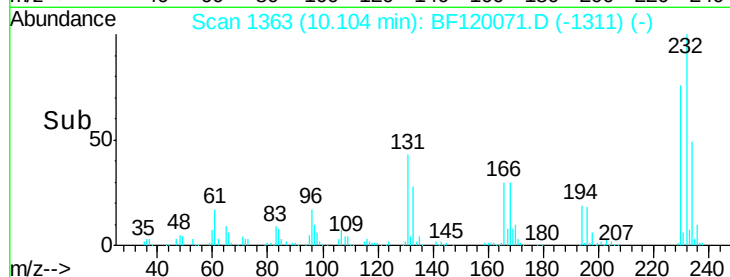
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.555 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

Tot Ion:232 Resp: 243608
 Ion Ratio Lower Upper
 232 100
 131 45.6 37.9 56.9
 130 2.2 1.8 2.6
 166 31.0 25.4 38.0

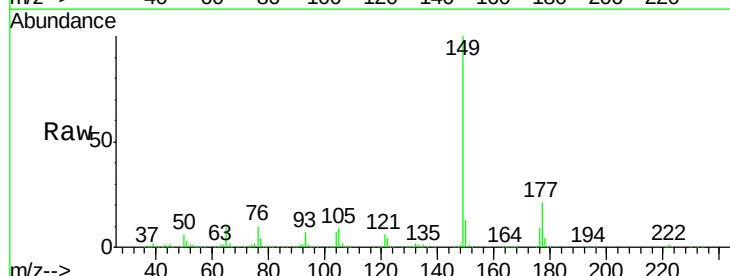


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

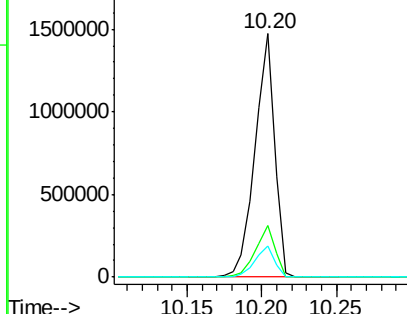
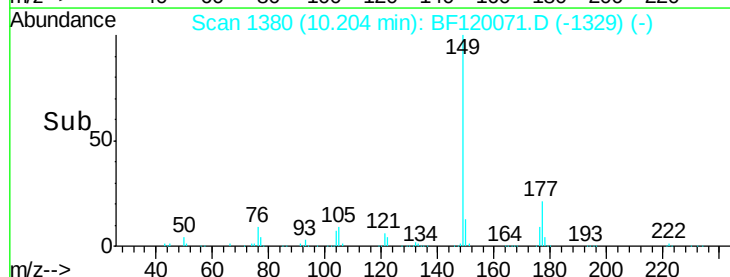


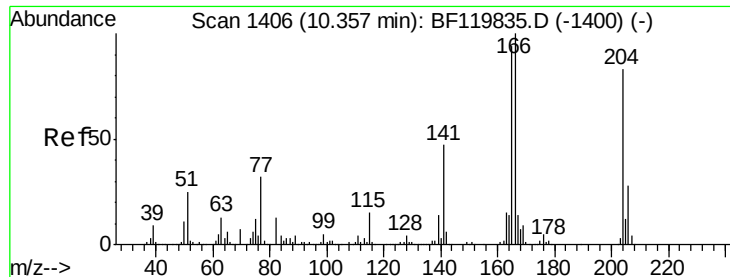
#60
 Diethylphthalate
 Concen: 59.795 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:149 Resp: 1335098
 Ion Ratio Lower Upper
 149 100
 177 21.3 16.8 25.2
 150 12.9 9.8 14.6



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

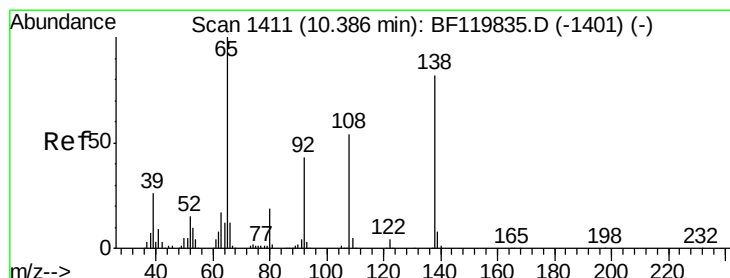
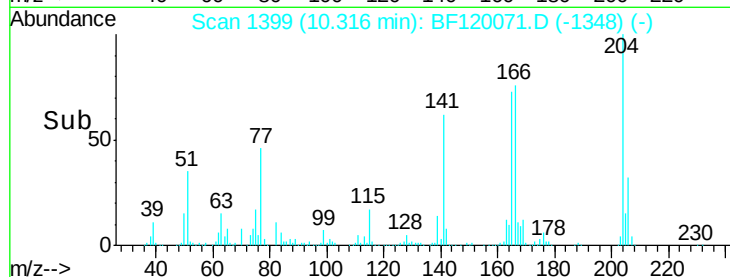
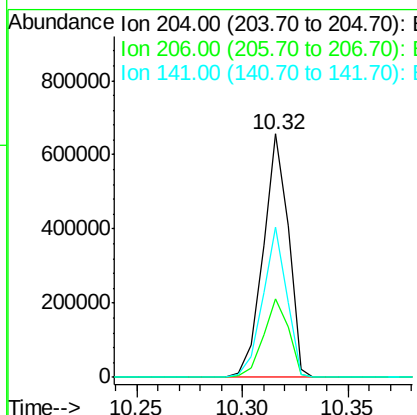
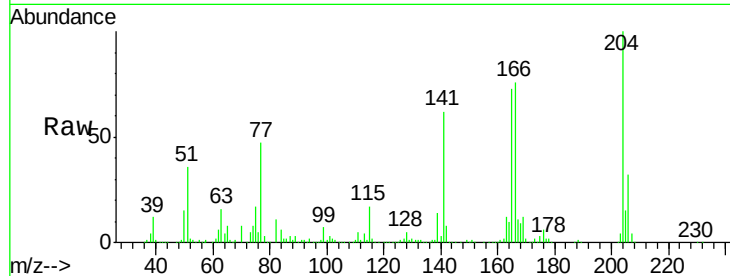




#61
 4-Chlorophenyl-phenylether
 Concen: 52.695 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

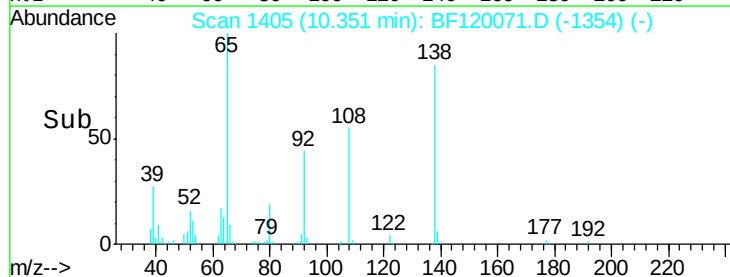
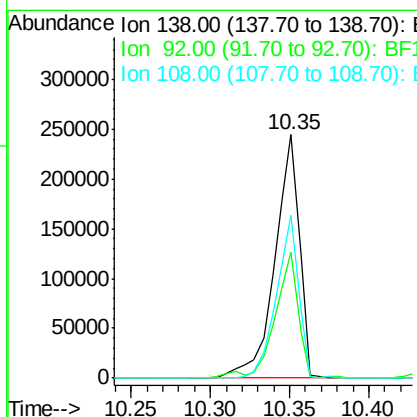
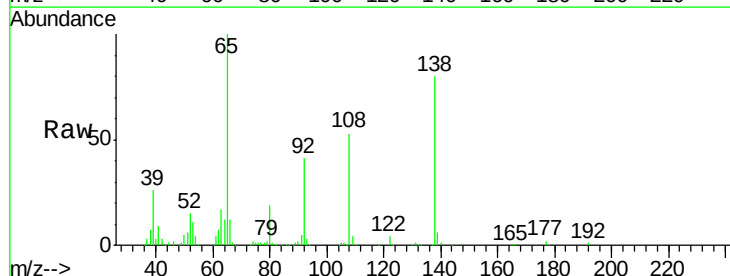
Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

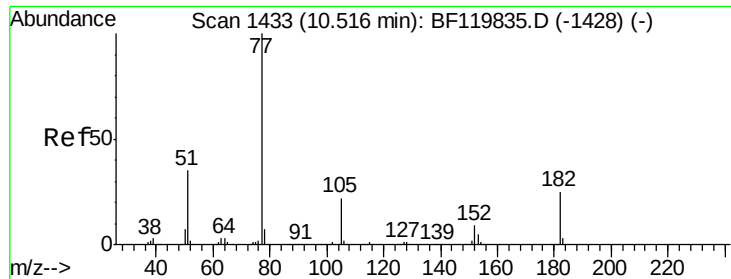
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.7	40.1
141	61.6	45.8	68.8



#62
 4-Nitroaniline
 Concen: 51.008 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	31.6	71.6
108	66.8	45.2	85.2





#63

Azobenzene

Concen: 56.982 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

Tot Ion: 77 Resp: 1140205

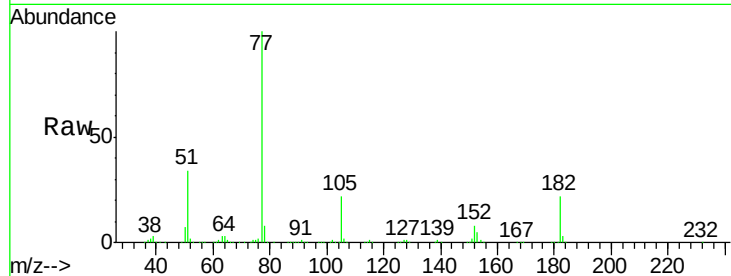
Ion Ratio Lower Upper

77 100

182 22.3 4.5 44.5

105 21.9 2.2 42.2

51 33.8 15.1 55.1

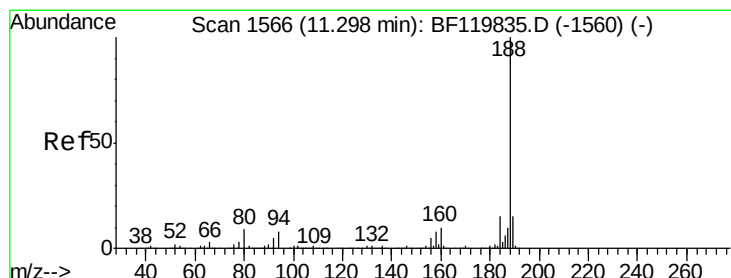
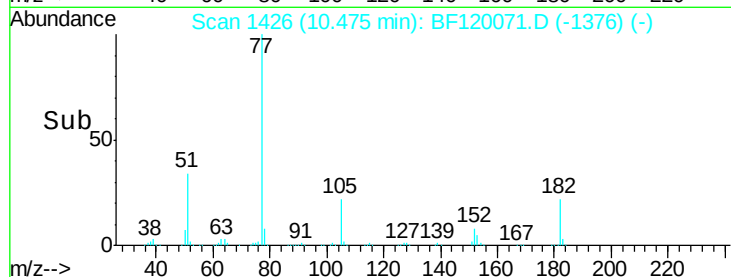
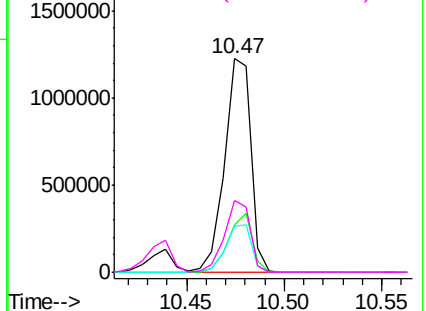


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

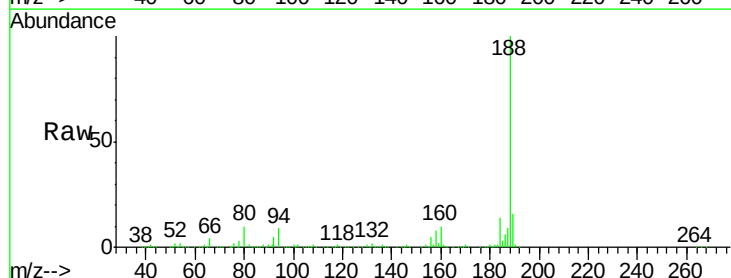
Tgt Ion: 188 Resp: 407644

Ion Ratio Lower Upper

188 100

94 9.3 6.7 10.1

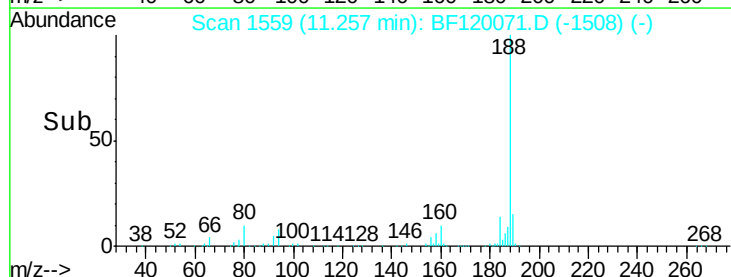
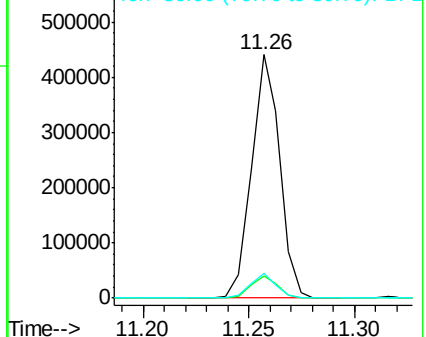
80 10.3 7.4 11.2

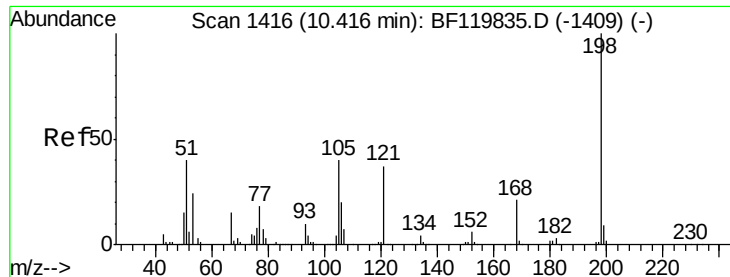


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

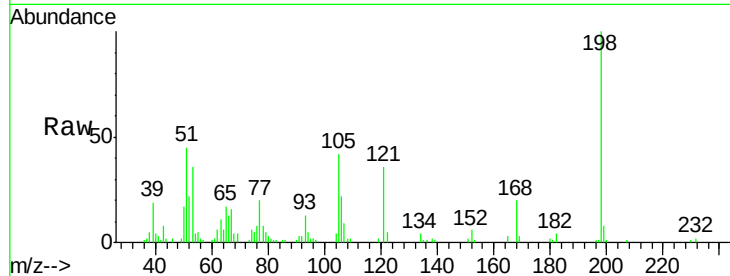




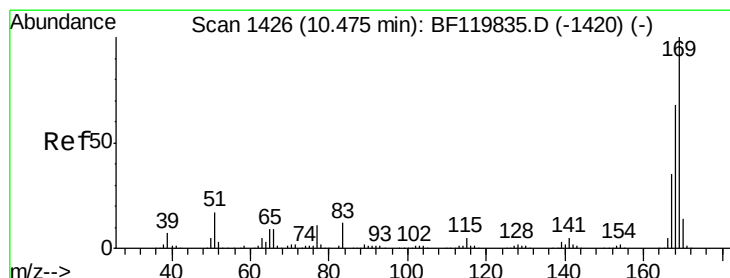
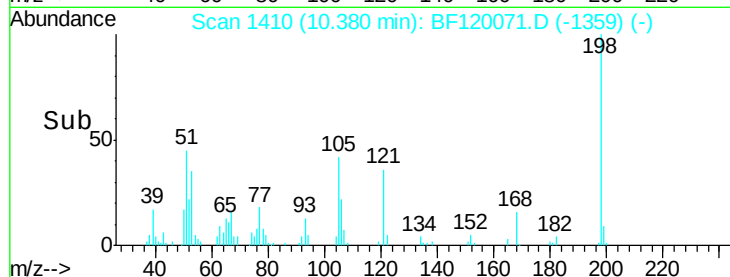
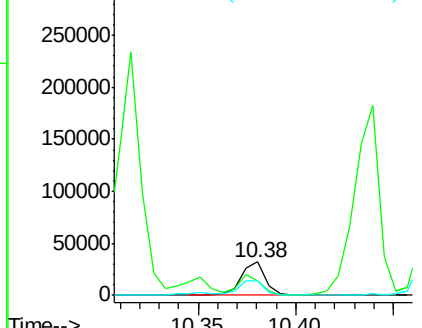
#65
4,6-Dinitro-2-methylphenol
Concen: 10.483 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

Tot Ion:198 Resp: 28152
Ion Ratio Lower Upper
198 100
51 44.7 25.2 65.2
105 42.0 20.8 60.8

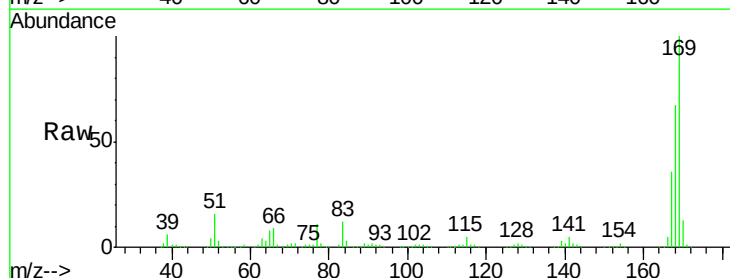


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

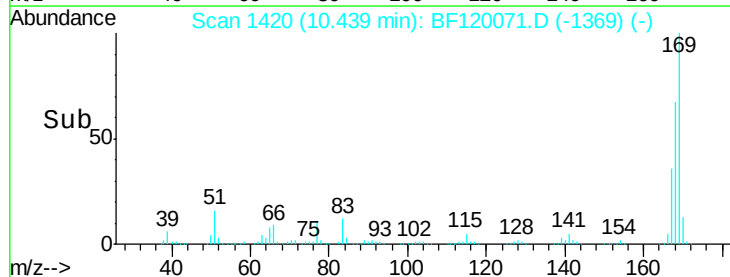
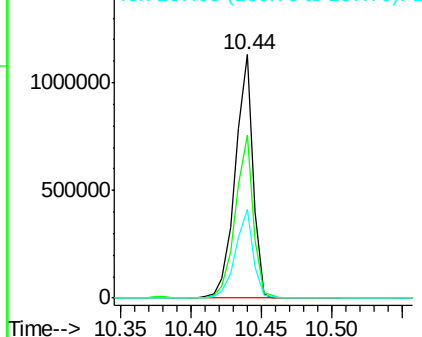


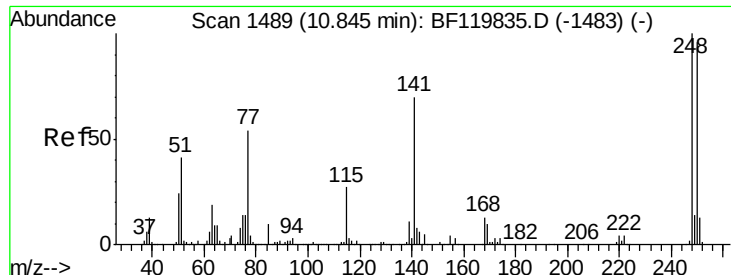
#66
n-Nitrosodiphenylamine
Concen: 72.540 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:169 Resp: 983438
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.4
167 36.4 28.3 42.5



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

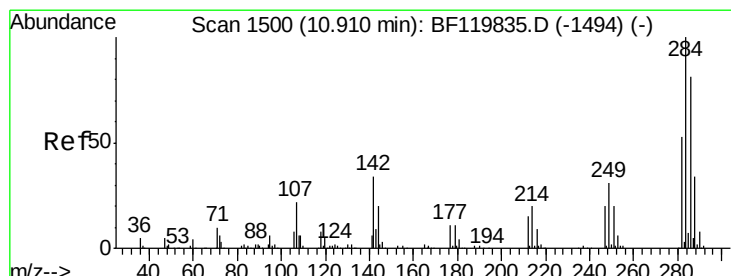
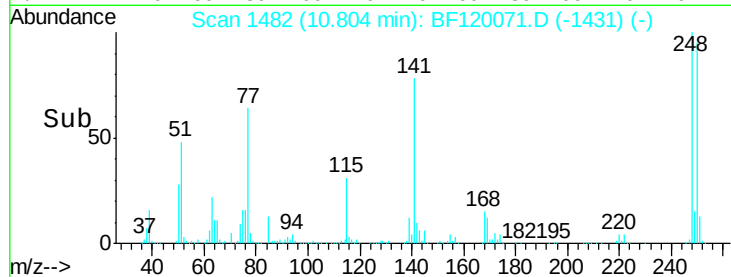
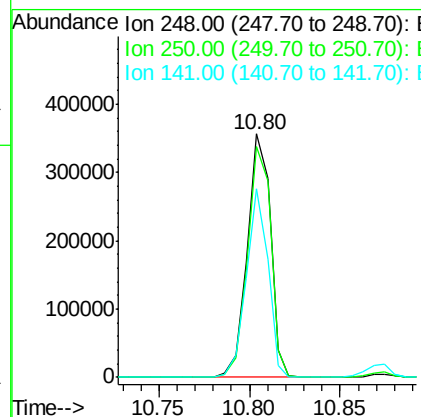
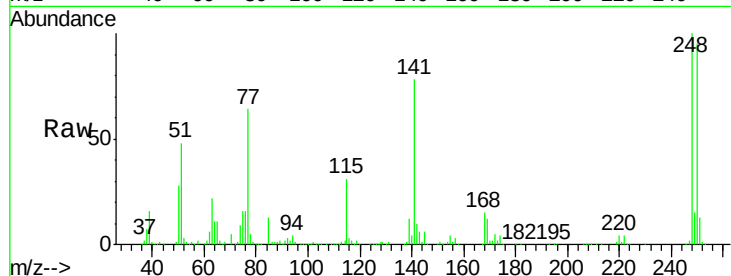




#67
 4-Bromophenyl-phenylether
 Concen: 62.578 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

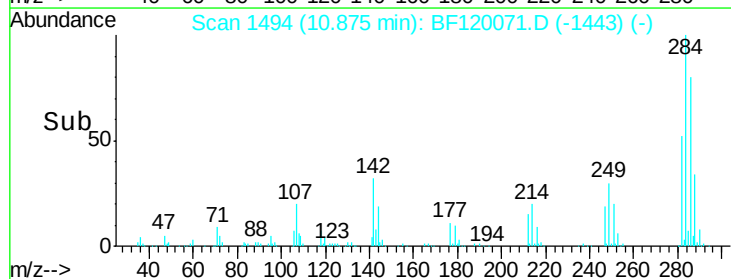
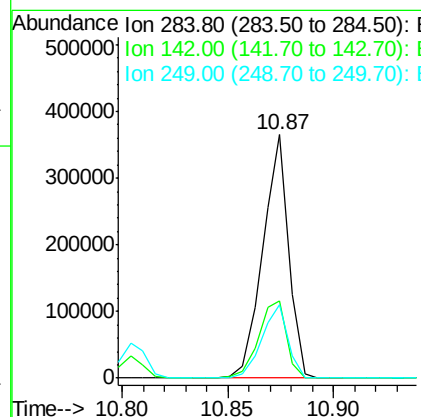
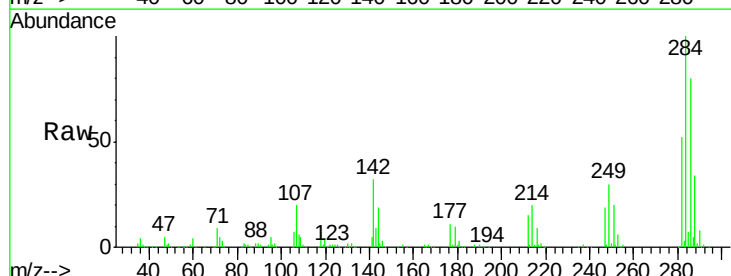
Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

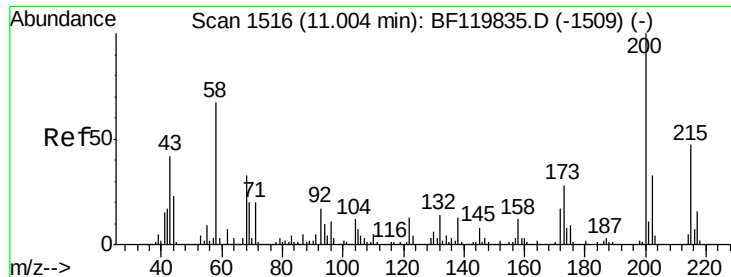
Tot	Ion:248	Resp:	317236
Ion	Ratio	Lower	Upper
248	100		
250	94.9	76.6	114.8
141	77.7	55.9	83.9



#68
 Hexachlorobenzene
 Concen: 60.331 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt	Ion:284	Resp:	310266
Ion	Ratio	Lower	Upper
284	100		
142	31.7	26.9	40.3
249	30.0	24.6	37.0

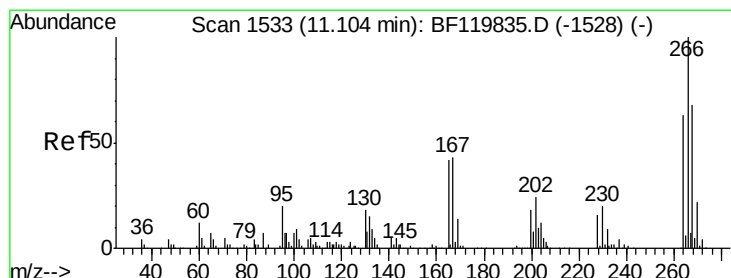
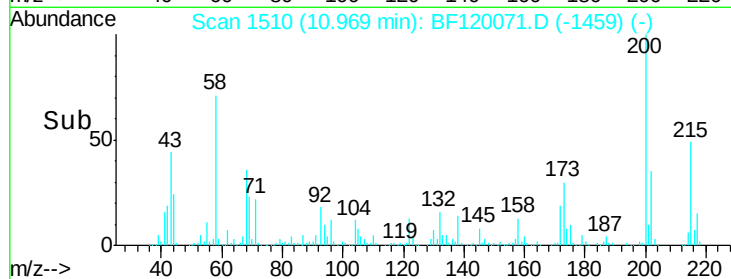
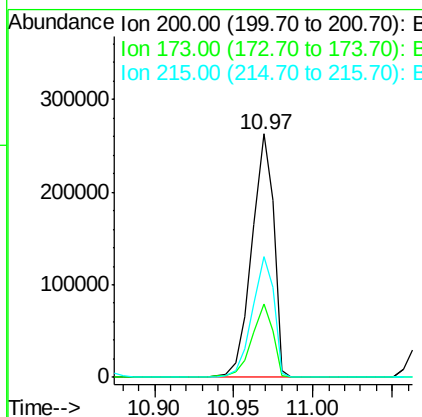
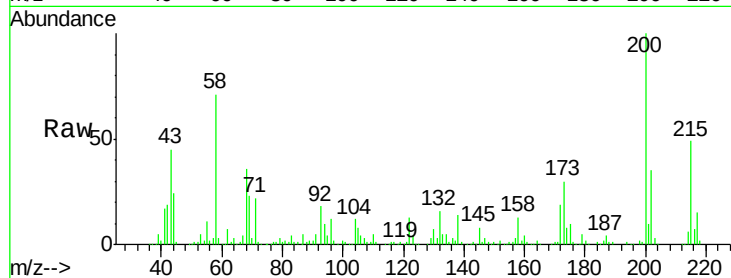




#69
Atrazine
Concen: 66.748 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

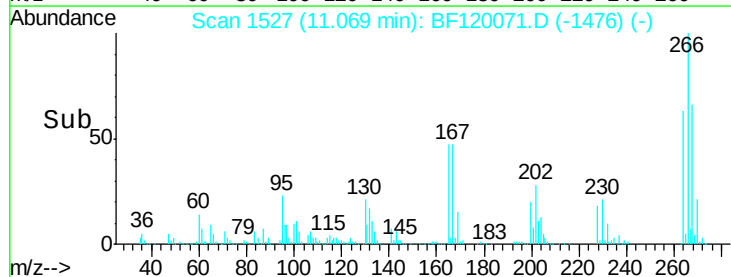
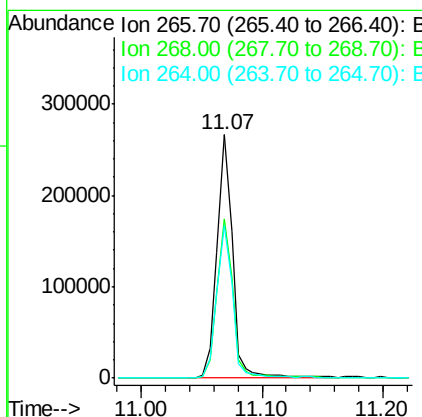
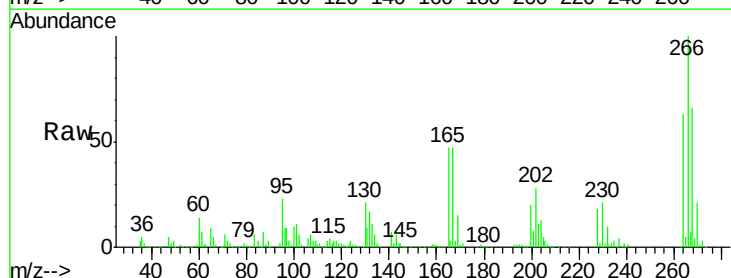
Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

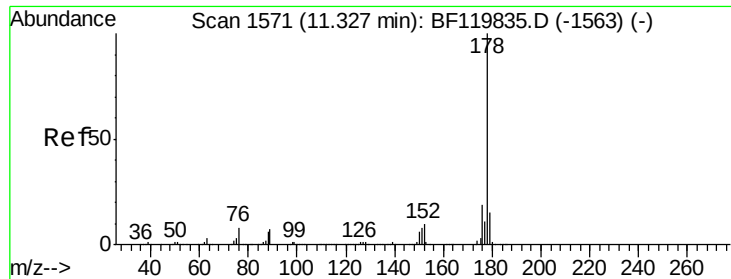
Tot Ion	Ratio	Lower	Upper
200	100		
173	30.1	8.0	48.0
215	49.3	27.1	67.1



#70
Pentachlorophenol
Concen: 80.186 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	54.2	81.4
264	62.7	50.6	76.0





#71

Phenanthrene

Concen: 60.251 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

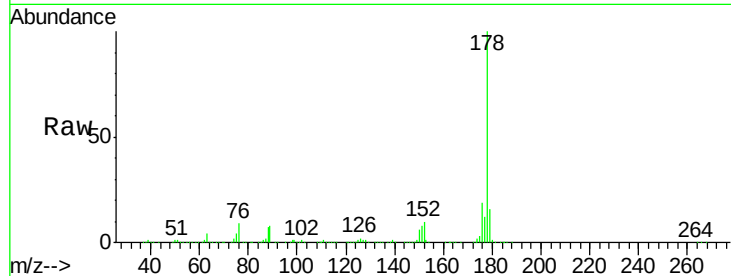
Tot Ion:178 Resp: 1307156

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

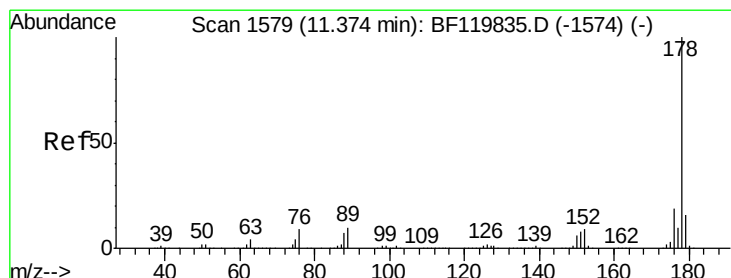
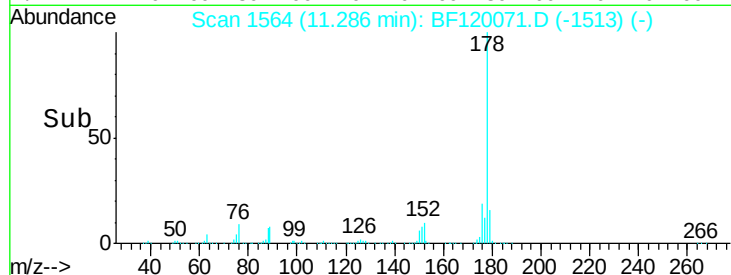
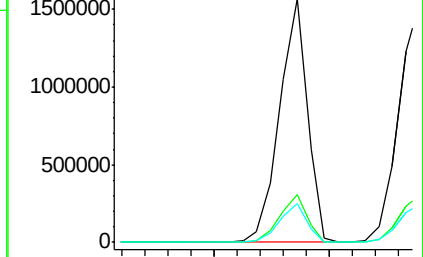
179 15.9 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 59.802 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

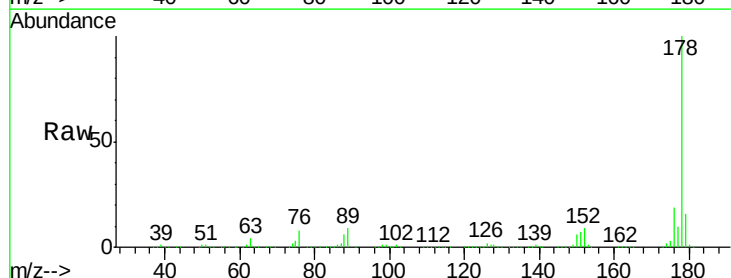
Tgt Ion:178 Resp: 1325393

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

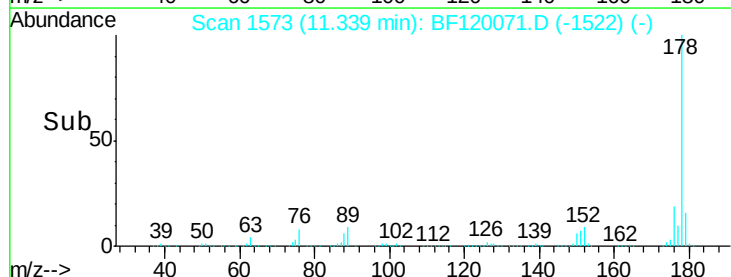
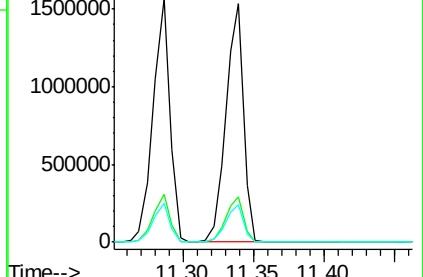
179 15.6 12.8 19.2

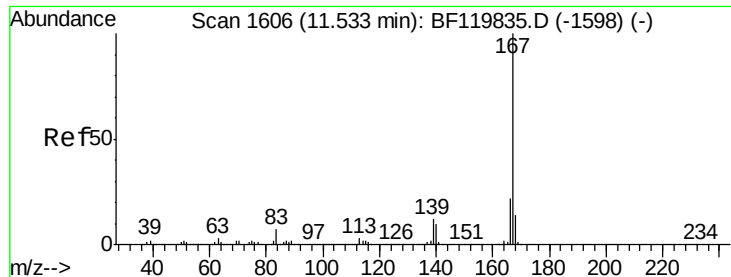


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

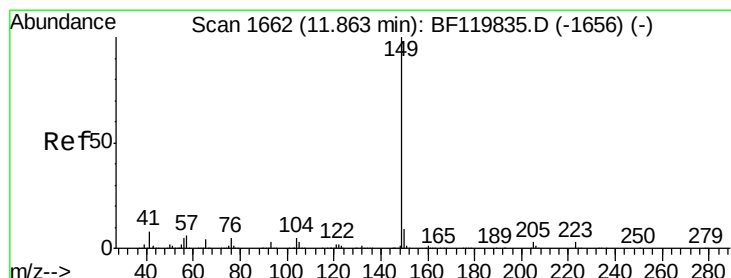
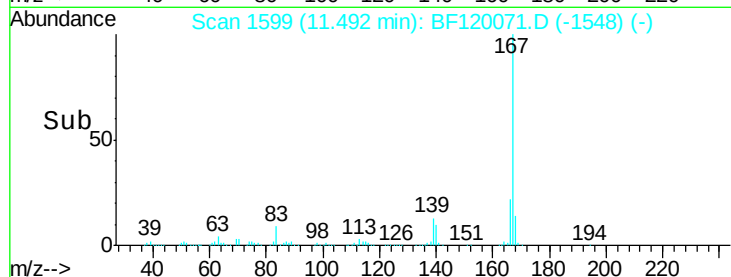
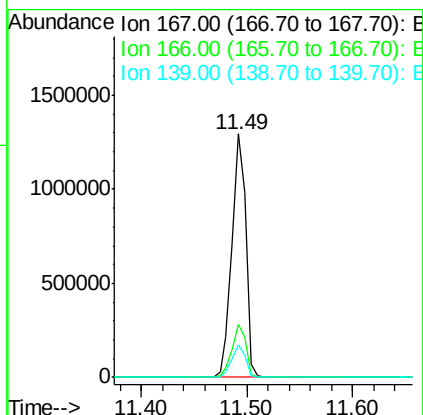
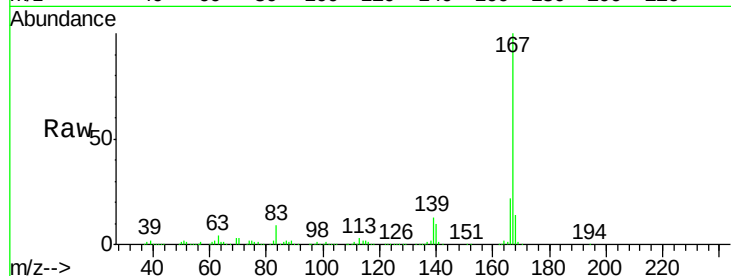




#73
 Carbazole
 Concen: 56.088 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

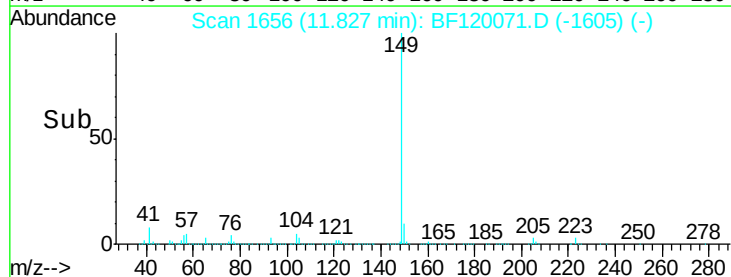
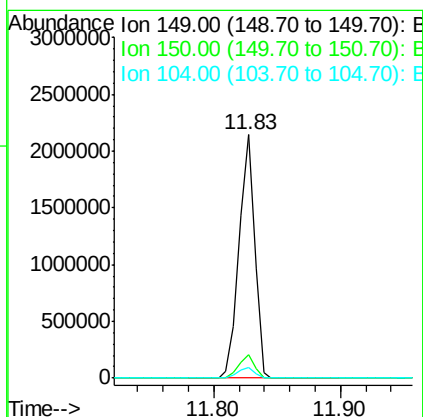
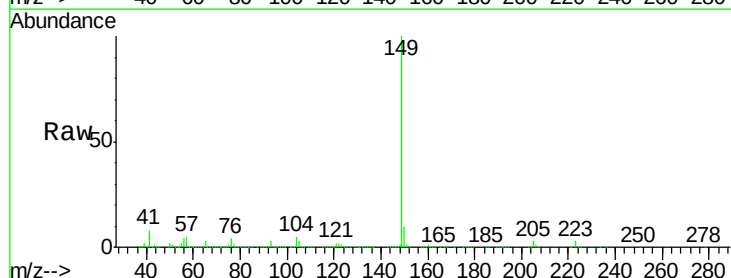
Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

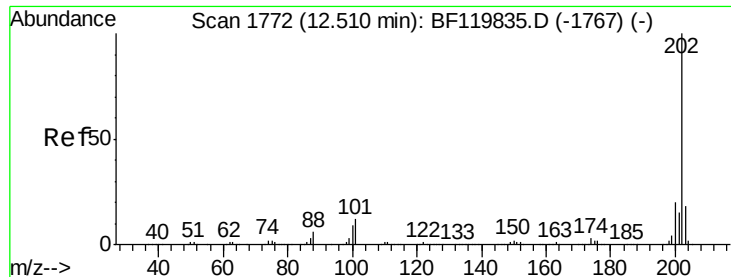
Tot Ion:167 Resp: 1175533
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.1 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 65.616 ng
 RT: 11.83 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:149 Resp: 1807874
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.6 3.8 5.6

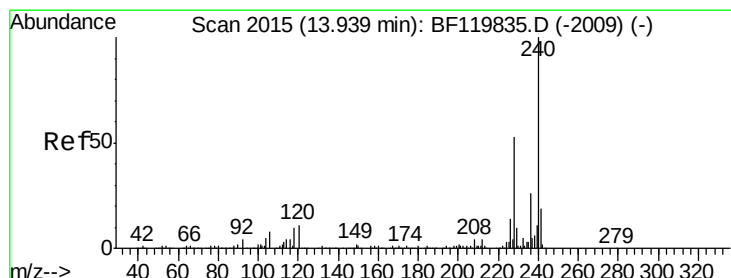
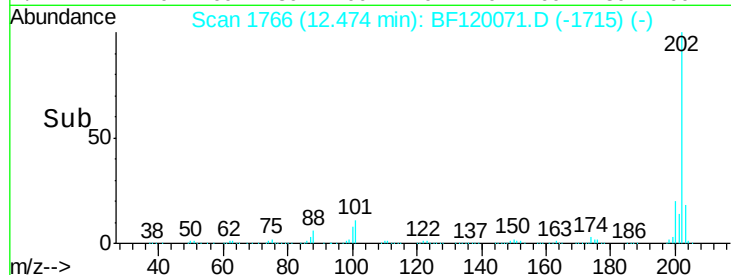
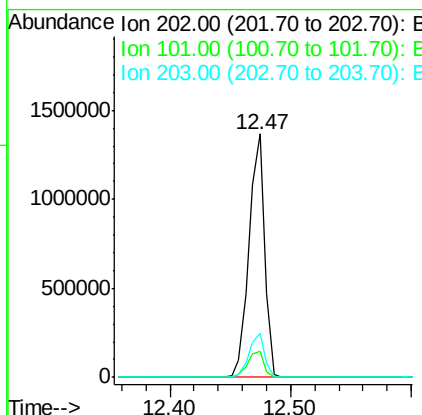
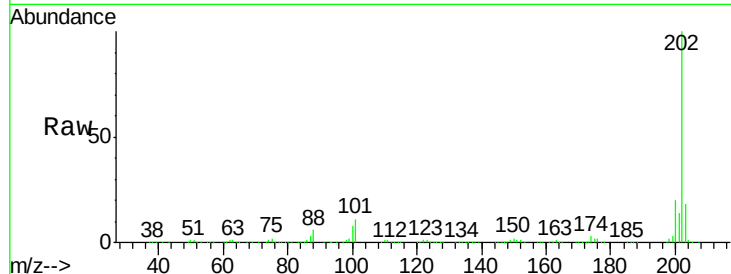




#75
Fluoranthene
Concen: 53.287 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

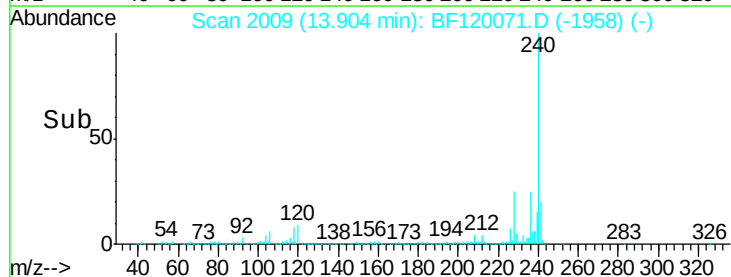
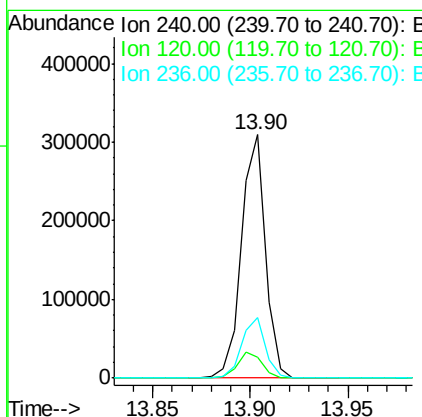
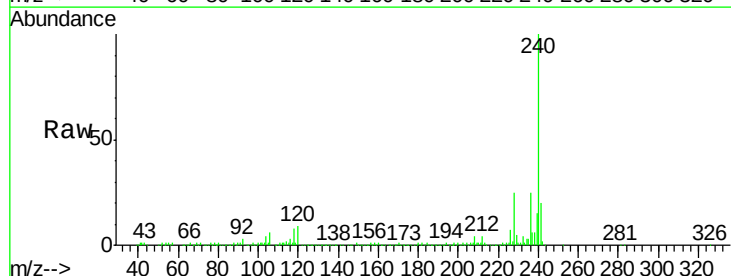
Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

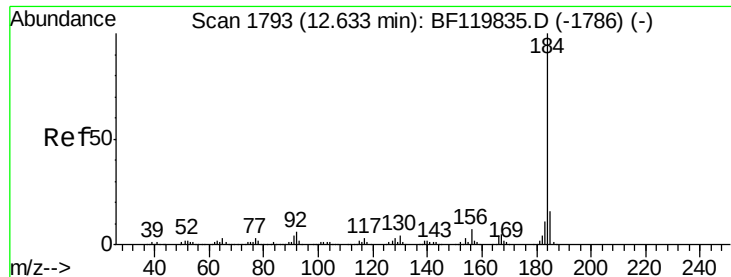
Tot Ion:202 Resp: 1247397
Ion Ratio Lower Upper
202 100
101 10.6 0.0 32.3
203 18.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:240 Resp: 262769
Ion Ratio Lower Upper
240 100
120 8.8 9.0 13.6#
236 24.8 20.7 31.1





#77

Benzidine

Concen: 48.150 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

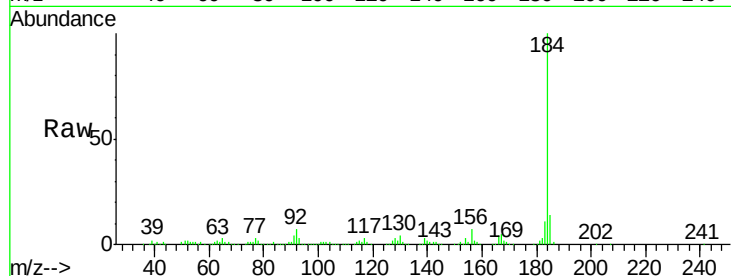
Tot Ion:184 Resp: 427681

Ion Ratio Lower Upper

184 100

185 13.5 13.2 19.8

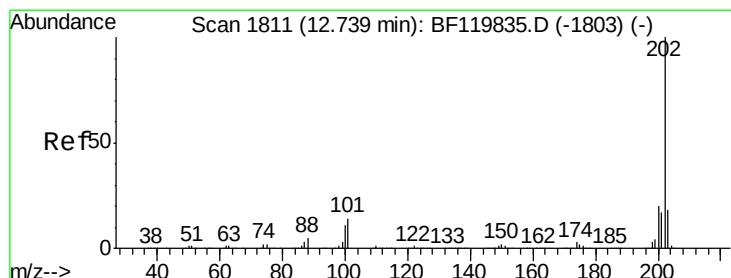
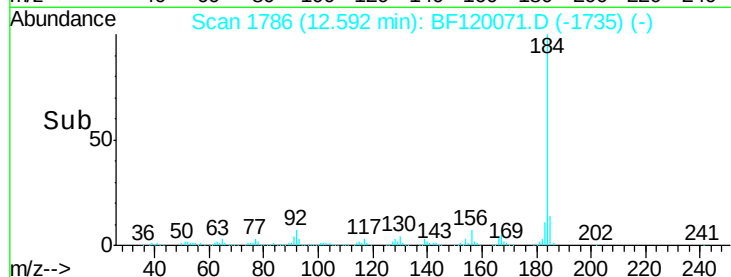
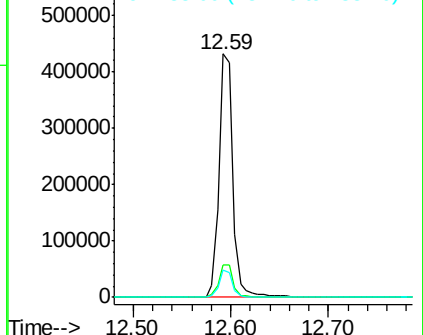
183 11.1 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 56.113 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

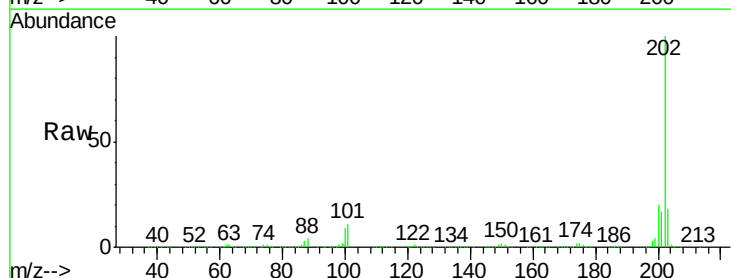
Tgt Ion:202 Resp: 1243020

Ion Ratio Lower Upper

202 100

200 19.9 16.2 24.2

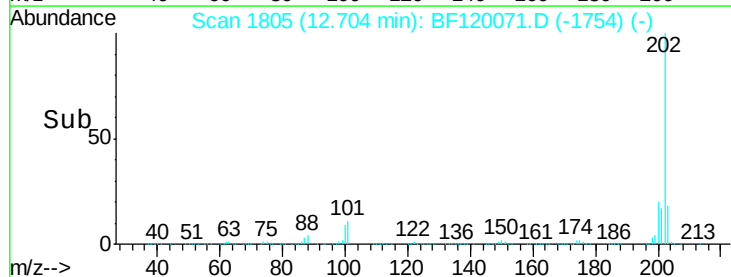
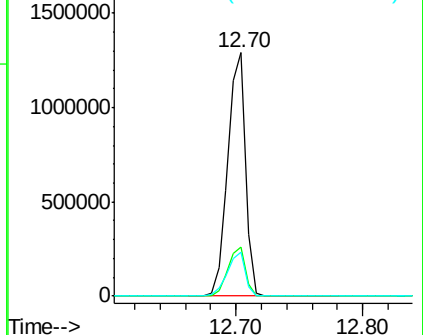
203 17.9 14.1 21.1

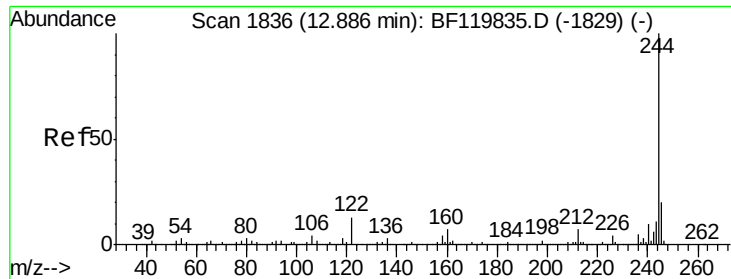


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.263 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

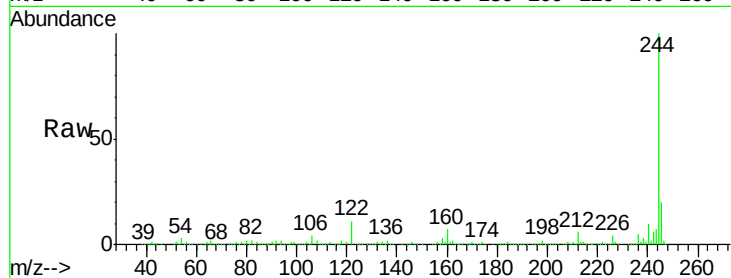
Tot Ion:244 Resp: 925465

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

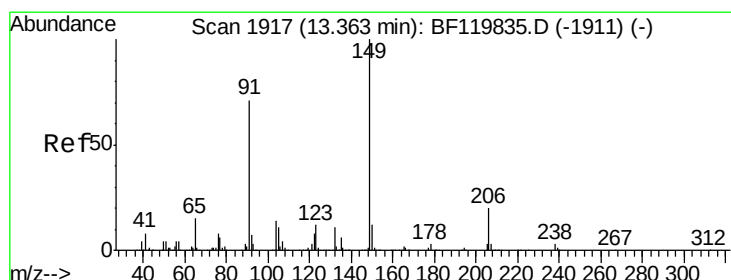
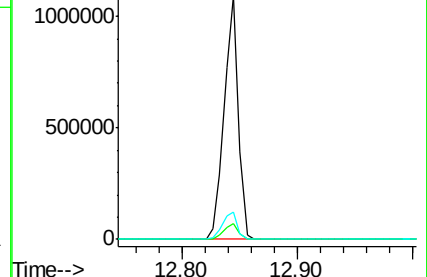
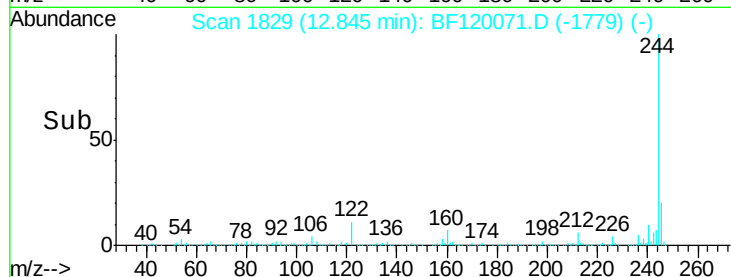
122 11.0 10.3 15.5



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: 55.819 ng

RT: 13.32 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

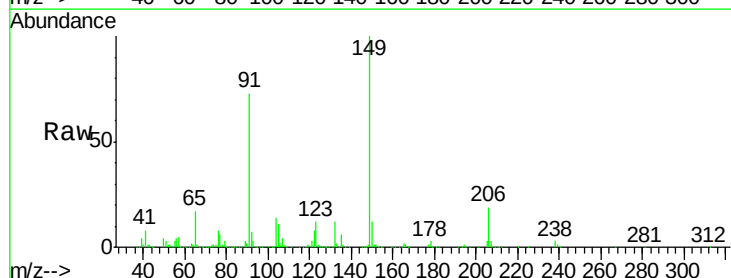
Tgt Ion:149 Resp: 599995

Ion Ratio Lower Upper

149 100

91 73.5 56.7 85.1

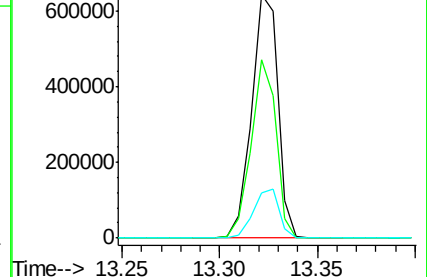
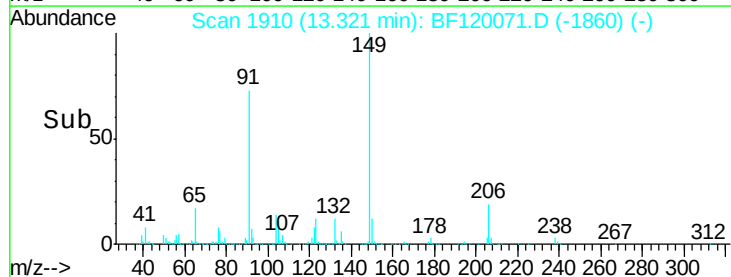
206 18.8 15.7 23.5

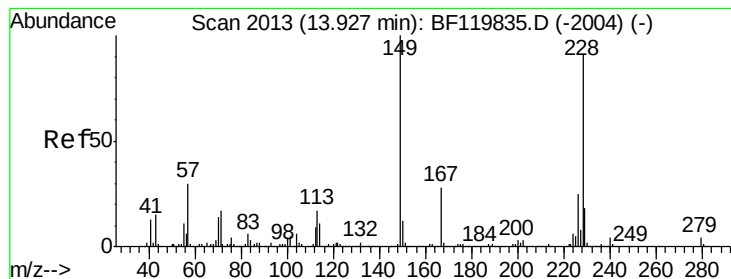


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 61.119 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

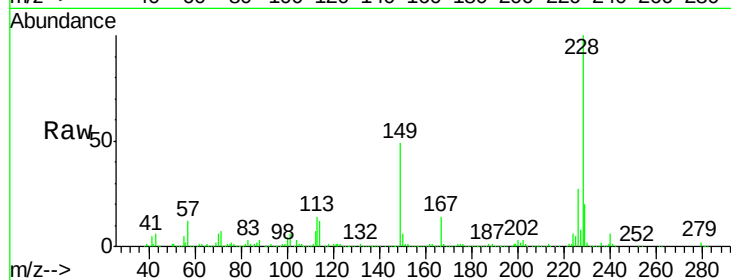
Tot Ion:228 Resp: 1056547

Ion Ratio Lower Upper

228 100

226 27.1 21.9 32.9

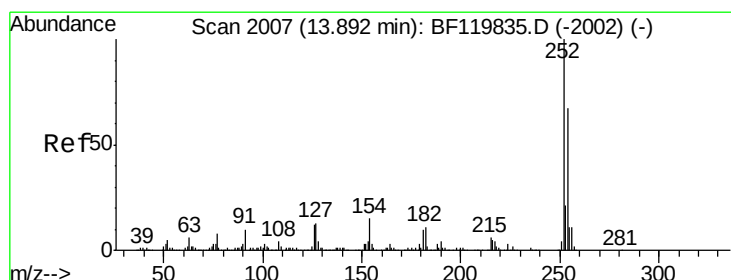
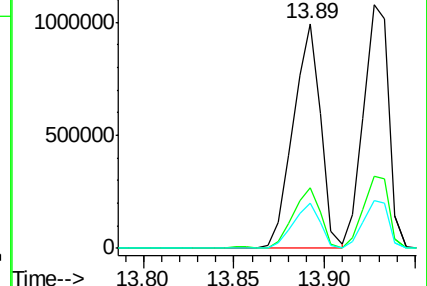
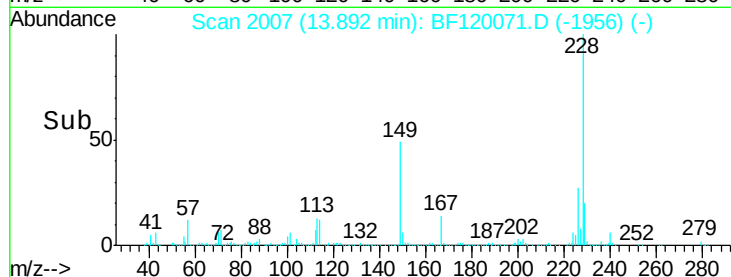
229 20.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 50.423 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

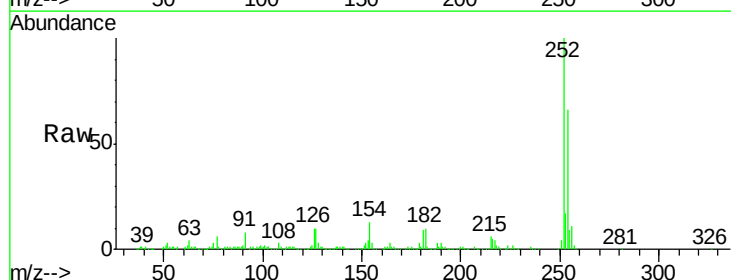
Tgt Ion:252 Resp: 325227

Ion Ratio Lower Upper

252 100

254 66.2 53.9 80.9

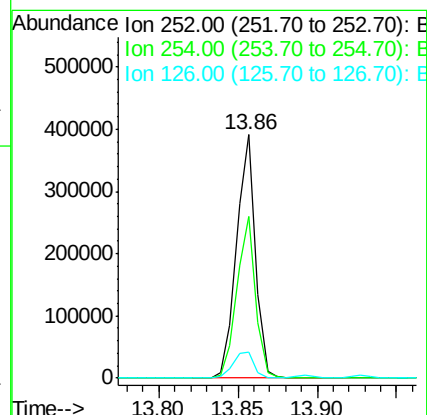
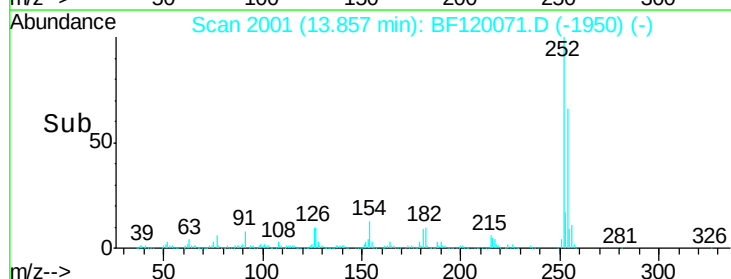
126 10.4 9.7 14.5

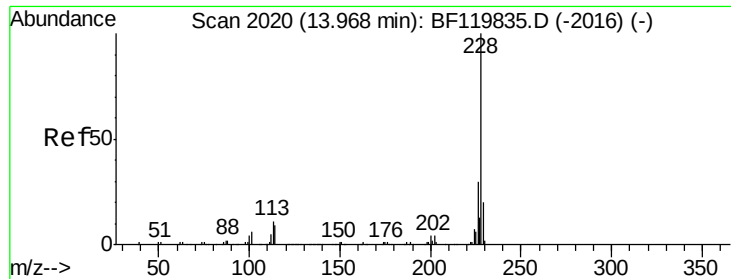


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

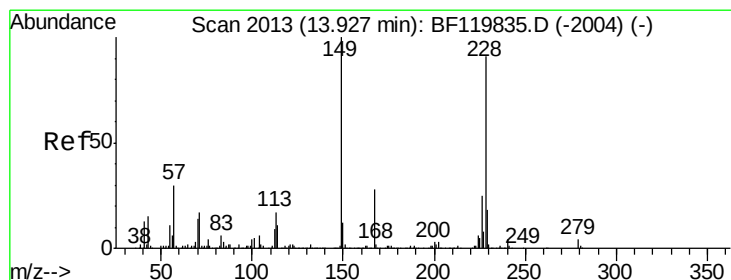
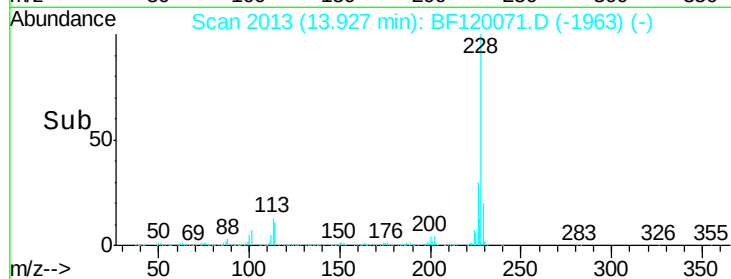
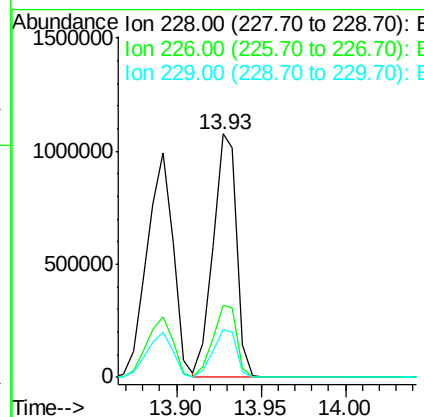
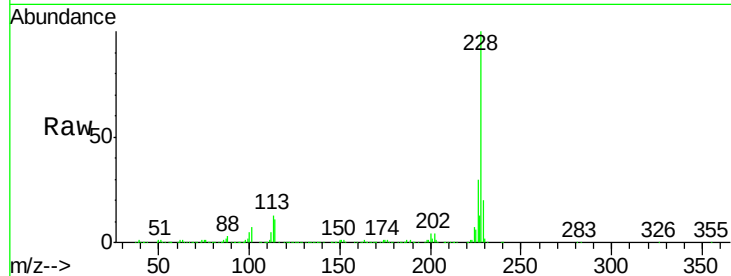




#83
 Chrvsene
 Concen: 59.587 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

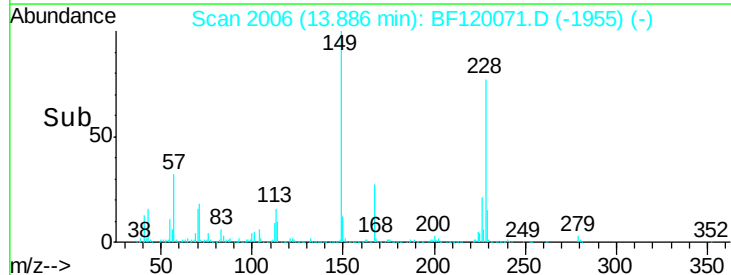
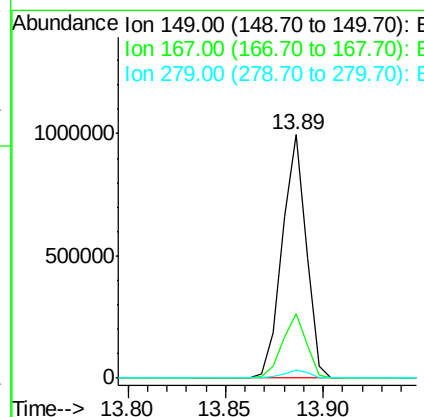
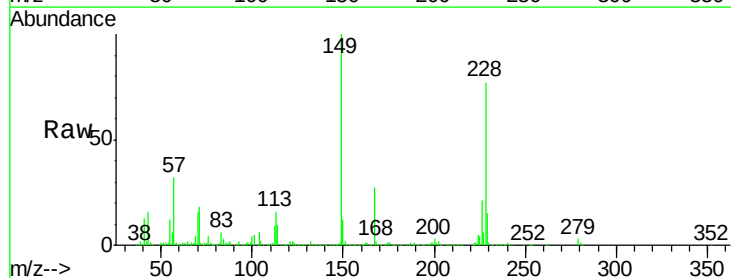
Instrument :
 BNA_F
 ClientSampleId :
 TP-42-41-COMPMSD

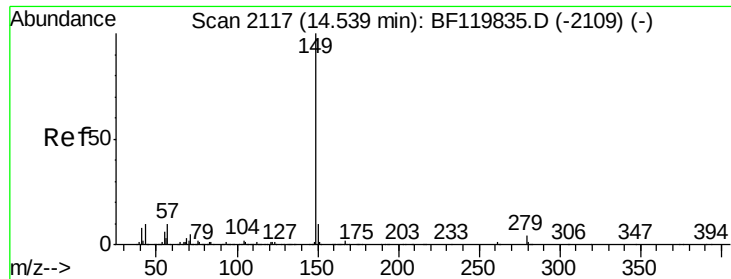
Tot Ion:228 Resp: 1046636
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.2 36.2
 229 19.7 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 58.238 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF120071.D
 Acq: 17 Apr 2020 20:44

Tgt Ion:149 Resp: 847719
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.2 33.2
 279 3.3 3.4 5.0#





#85

Di-n-octyl phthalate

Concen: 58.713 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

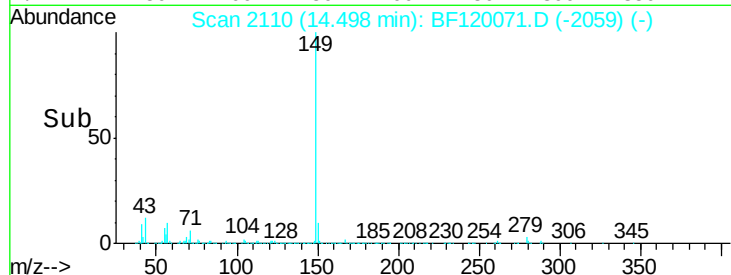
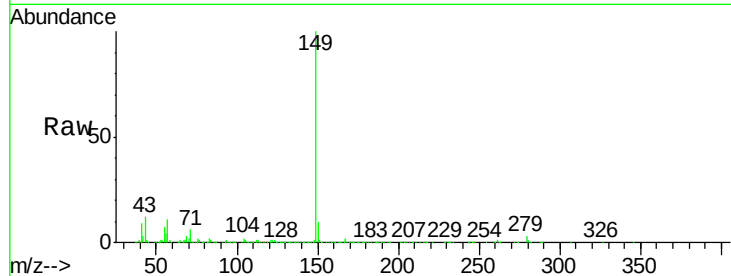
Tot Ion:149 Resp: 1455156

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

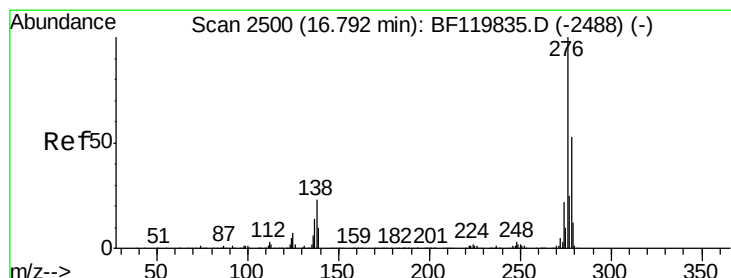
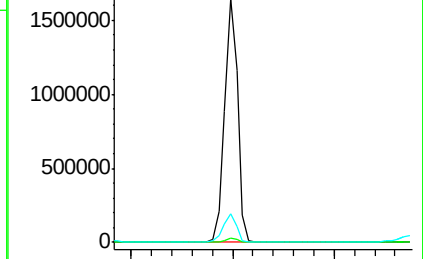
43 11.8 9.2 13.8



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: 52.579 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

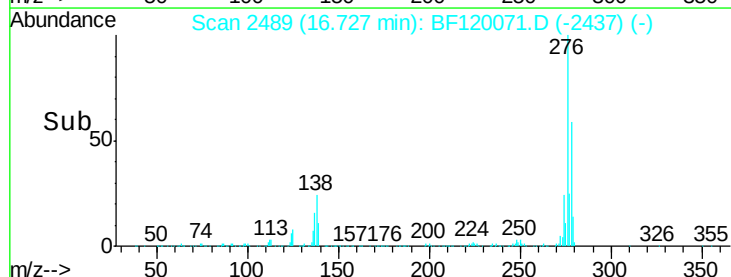
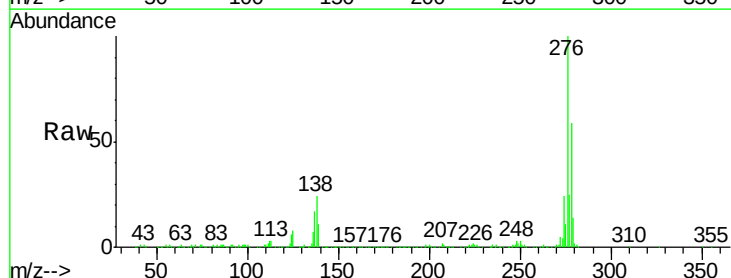
Tgt Ion:276 Resp: 814088

Ion Ratio Lower Upper

276 100

138 24.7 18.0 27.0

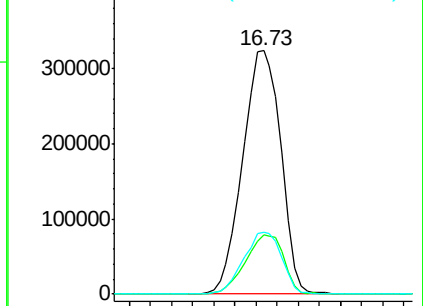
277 25.7 20.1 30.1

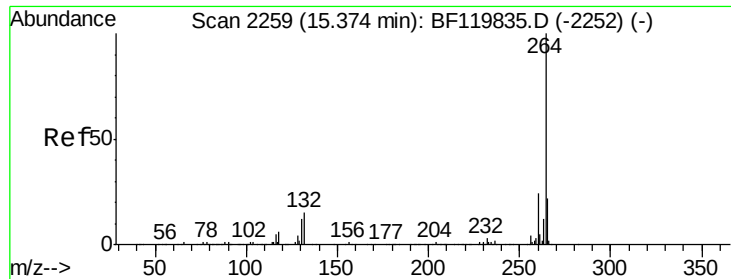


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

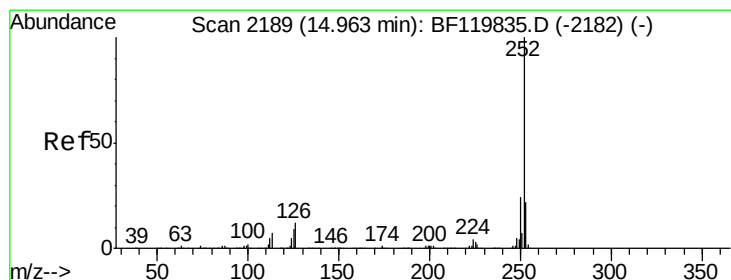
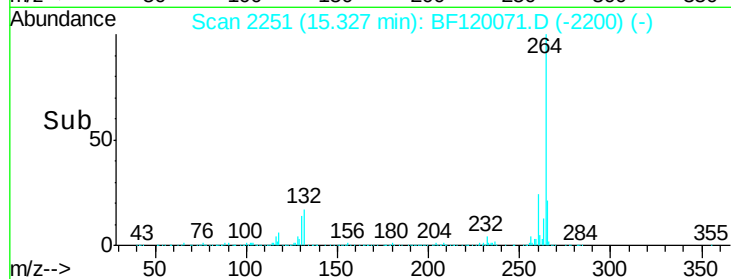
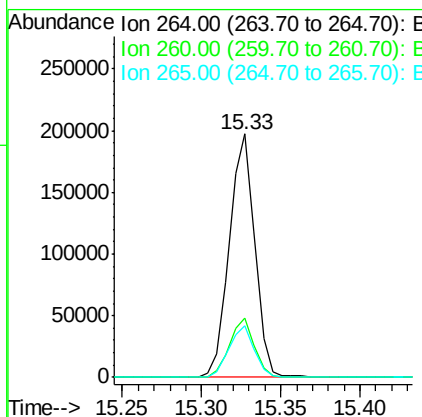
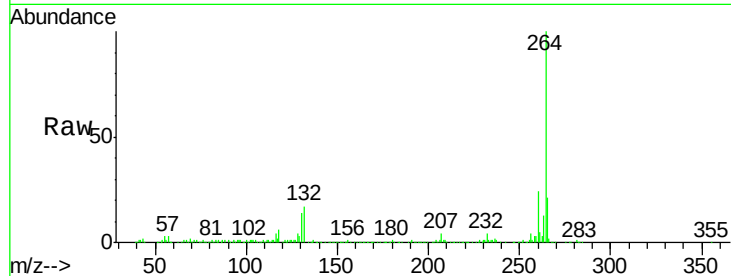




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

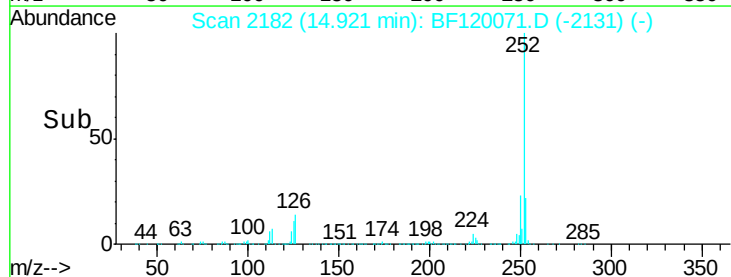
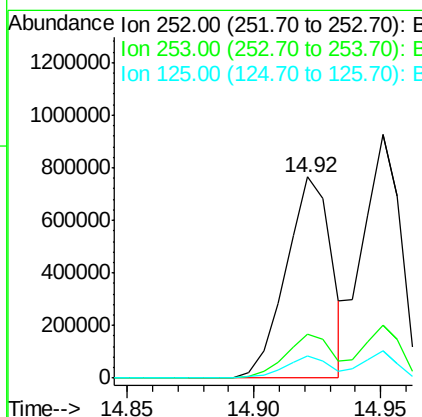
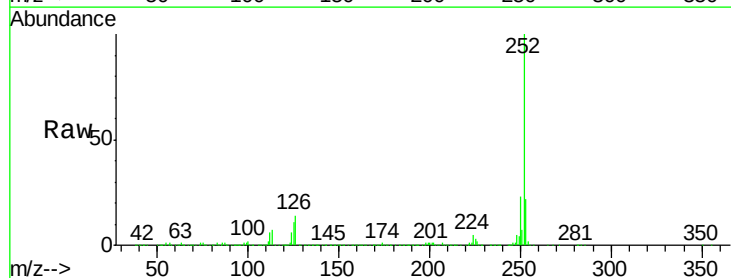
Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

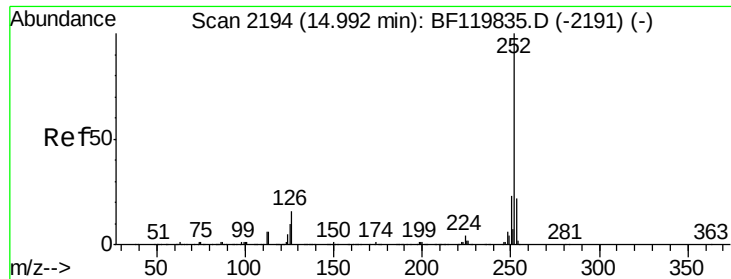
Tot Ion:264 Resp: 219213
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 21.2 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 60.307 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:252 Resp: 951027
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.0 7.4 11.2

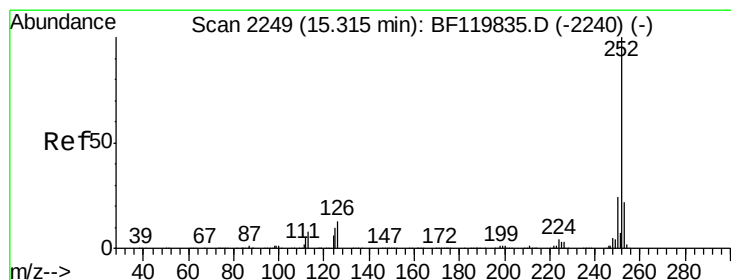
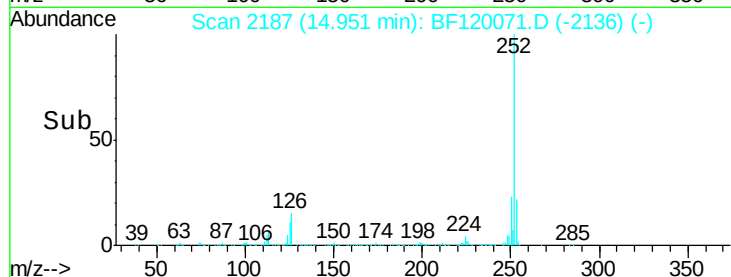
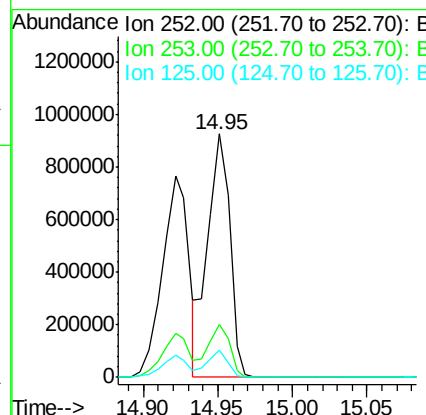
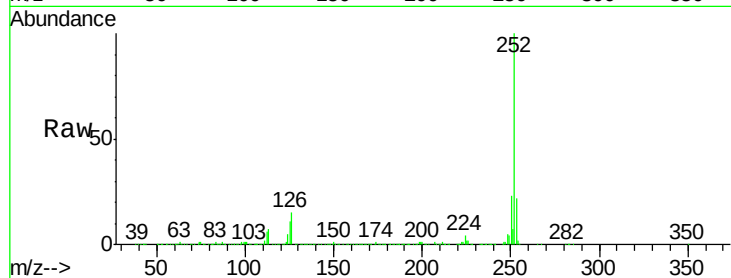




#89
Benzo(k)fluoranthene
Concen: 69.555 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

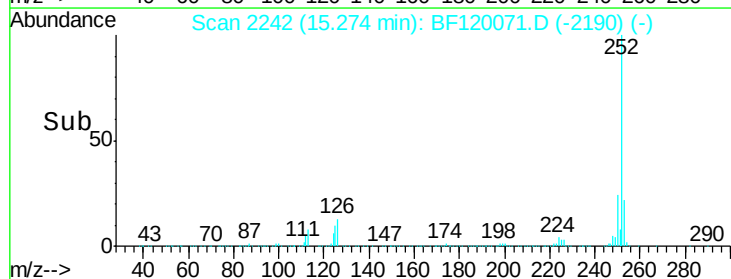
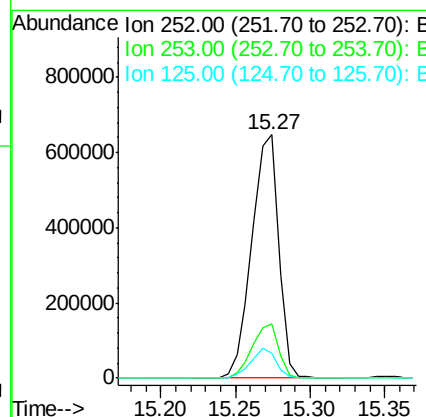
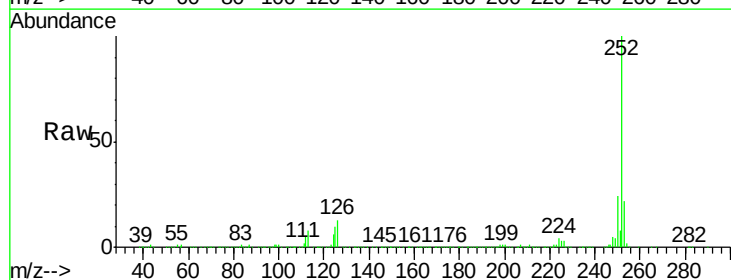
Instrument :
BNA_F
ClientSampleId :
TP-42-41-COMPMSD

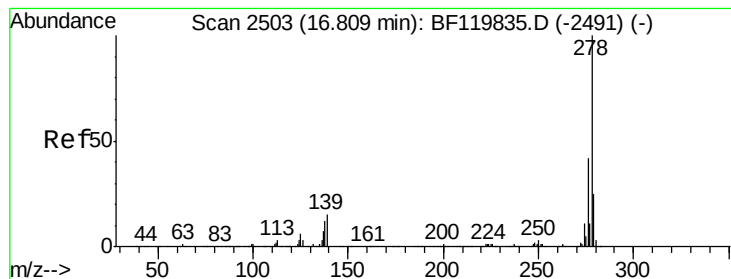
Tot Ion:252 Resp: 946395
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 11.3 7.7 11.5



#90
Benzo(a)pyrene
Concen: 60.559 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF120071.D
Acq: 17 Apr 2020 20:44

Tgt Ion:252 Resp: 802954
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.2 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 59.022 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

Instrument :

BNA_F

ClientSampleId :

TP-42-41-COMPMSD

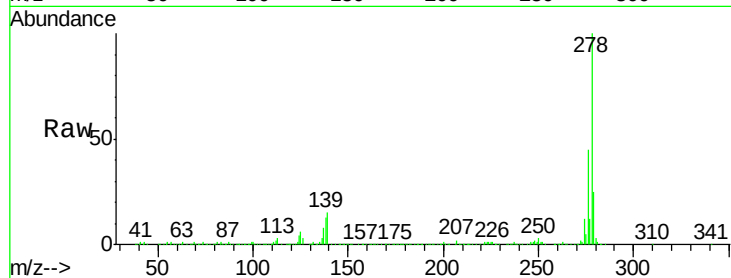
Tot Ion:278 Resp: 693202

Ion Ratio Lower Upper

278 100

139 15.1 11.6 17.4

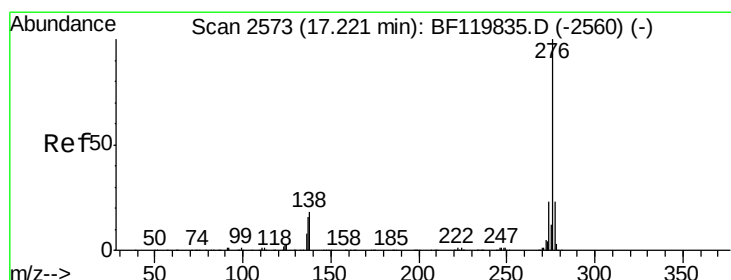
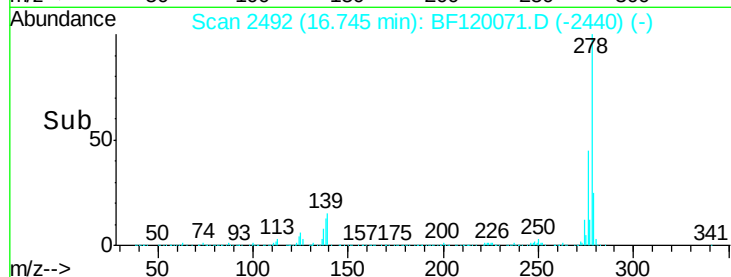
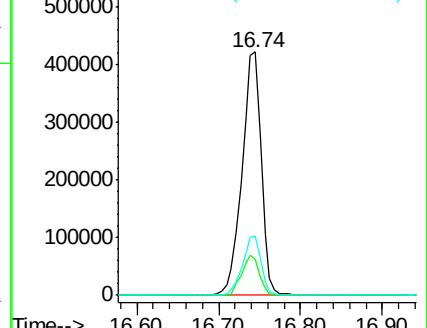
279 24.6 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 56.104 ng

RT: 17.15 min Scan# 2561

Delta R.T. 0.01 min

Lab File: BF120071.D

Acq: 17 Apr 2020 20:44

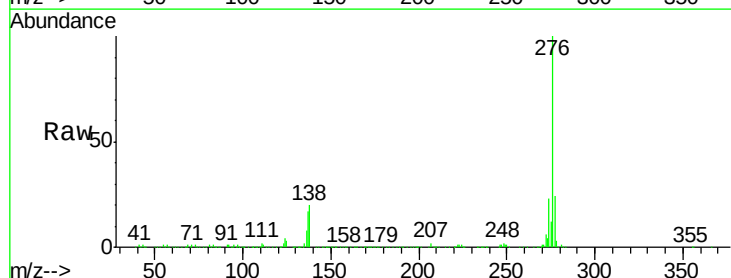
Tgt Ion:276 Resp: 650431

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 20.0 14.6 22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

