

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120739.D
 Acq On : 29 Jun 2020 20:42
 Operator : JU/CG
 Sample : L3128-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

Quant Time: Jun 30 00:33:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140183	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	206735	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	86603	20.00	ng	0.03
64) Phenanthrene-d10	11.37	188	118561	20.00	ng	0.06
76) Chrysene-d12	13.99	240	136482	20.00	ng	0.03
86) Perylene-d12	15.42	264	159015	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	787348	96.29	ng	0.08
7) Phenol-d6	6.51	99	1032041	101.34	ng	0.08
23) Nitrobenzene-d5	7.37	82	291395	78.79	ng	0.01
42) 2,4,6-Tribromophenol	10.67	330	119456	118.64	ng	0.05
45) 2-Fluorobiphenyl	9.16	172	590386	104.30	ng	0.01
79) Terphenyl-d14	12.95	244	705405	114.17	ng	0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	123752	31.934	ng	99
3) Pyridine	3.28	79	335262	30.775	ng	96
4) n-Nitrosodimethylamine	3.24	42	153961	34.054	ng	98
6) Aniline	6.47	93	444531	34.108	ng	100
8) 2-Chlorophenol	6.62	128	444738	48.133	ng	98
9) Benzaldehyde	6.35	77	173041	26.864	ng	95
10) Phenol	6.52	94	491590	45.243	ng	88
11) bis(2-Chloroethyl)ether	6.53	93	396774	43.840	ng	99
12) 1,3-Dichlorobenzene	6.74	146	462691	47.103	ng	97
13) 1,4-Dichlorobenzene	6.82	146	458562	47.315	ng	98
14) 1,2-Dichlorobenzene	6.97	146	398316	42.191	ng	97
15) Benzyl Alcohol	6.96	79	309370	42.837	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	556628	42.715	ng	98
17) 2-Methylphenol	7.10	107	329091	41.760	ng	99
18) Hexachloroethane	7.31	117	110012	30.805	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	263636	44.629	ng	99
20) 3+4-Methylphenols	7.26	107	359119	36.468	ng	# 61
22) Acetophenone	7.21	105	520952	112.713	ng	# 92
24) Nitrobenzene	7.39	77	181873	46.991	ng	96
25) Isophorone	7.63	82	319497	44.347	ng	97
26) 2-Nitrophenol	7.70	139	81996	40.046	ng	96
27) 2,4-Dimethylphenol	7.77	122	146768	48.682	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	200062	47.904	ng	99
29) 2,4-Dichlorophenol	7.97	162	150780	49.201	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	167754	49.395	ng	96
31) Naphthalene	8.10	128	506959	49.940	ng	100
32) Benzoic acid	7.92	122	101336	43.809	ng	96
33) 4-Chloroaniline	8.17	127	128235	27.522	ng	98
34) Hexachlorobutadiene	8.22	225	101838	51.442	ng	99
35) Caprolactam	8.50	113	3664	3.738	ng	# 9
36) 4-Chloro-3-methylphenol	8.69	107	160592	52.452	ng	93
37) 2-Methylnaphthalene	8.80	142	348524	52.592	ng	98
38) 1-Methylnaphthalene	8.90	142	329135	52.782	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	163912	63.387	ng	99

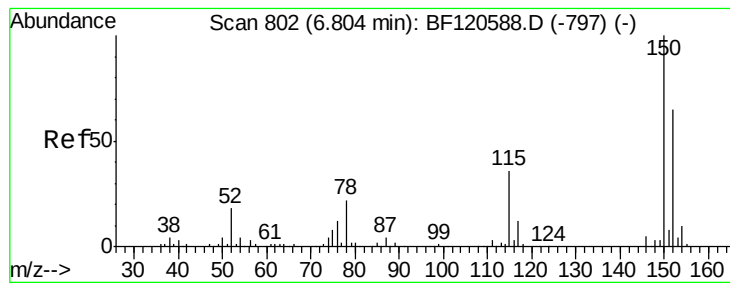
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120739.D
 Acq On : 29 Jun 2020 20:42
 Operator : JU/CG
 Sample : L3128-04MS
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Instrument :
 BNA_F
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Quant Time: Jun 30 00:33:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	29526	20.376	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	107839	58.789	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	106356	51.106	nq #	84
46) 1,1'-Biphenyl	9.26	154	398046	61.553	nq	97
47) 2-Chloronaphthalene	9.29	162	302609	57.225	nq	96
48) 2-Nitroaniline	9.40	65	96131	57.882	nq	93
49) Acenaphthylene	9.73	152	454016	55.631	nq #	84
50) Dimethylphthalate	9.57	163	455467	73.025	nq #	94
51) 2,6-Dinitrotoluene	9.64	165	86850	61.442	nq #	84
52) Acenaphthene	9.89	154	248539	51.063	nq	94
53) 3-Nitroaniline	9.82	138	62512	36.820	nq #	87
54) 2,4-Dinitrophenol	9.94	184	824	4.018	nq #	1
55) Dibenzofuran	10.07	168	367519	49.244	nq #	87
56) 4-Nitrophenol	10.03	139	97902	76.565	nq #	31
57) 2,4-Dinitrotoluene	10.05	165	78001	41.586	nq #	91
58) Fluorene	10.42	166	269859	46.905	nq #	88
59) 2,3,4,6-Tetrachlorophenol	10.20	232	61621	37.637	nq #	92
60) Diethylphthalate	10.28	149	291882	47.515	nq #	85
61) 4-Chlorophenyl-phenylether	10.40	204	142809	48.066	nq #	72
62) 4-Nitroaniline	10.43	138	57633	34.194	nq #	68
63) Azobenzene	10.57	77	255839	45.881	nq	86
65) 4,6-Dinitro-2-methylphenol	10.46	198	3185	4.477	nq #	1
66) n-Nitrosodiphenylamine	10.53	169	241191	66.245	nq	98
67) 4-Bromophenyl-phenylether	10.90	248	73459	54.593	nq #	73
68) Hexachlorobenzene	10.98	284	88905	61.454	nq #	58
69) Atrazine	11.08	200	66604	59.115	nq #	31
70) Pentachlorophenol	11.19	266	52947	65.829	nq	97
71) Phenanthrene	11.40	178	336070	57.023	nq #	81
72) Anthracene	11.45	178	330961	55.711	nq #	86
73) Carbazole	11.60	167	278529	47.364	nq #	82
74) Di-n-butylphthalate	11.92	149	358528	54.230	nq #	90
75) Fluoranthene	12.59	202	533506	79.174	nq	96
77) Benzidine	12.70	184	133239	28.866	nq #	60
78) Pyrene	12.82	202	583518	60.352	nq	96
80) Butylbenzylphthalate	13.40	149	171978	40.058	nq #	87
81) Benzo(a)anthracene	13.98	228	482785	58.878	nq	98
82) 3,3'-Dichlorobenzidine	13.94	252	78749	25.143	nq	99
83) Chrysene	14.02	228	452111	53.753	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	297258	56.733	nq	100
85) Di-n-octyl phthalate	14.56	149	521319	52.134	nq	100
87) Indeno(1,2,3-cd)pyrene	16.86	276	500493	51.744	nq	97
88) Benzo(b)fluoranthene	15.01	252	557971	58.906	nq	98
89) Benzo(k)fluoranthene	15.04	252	460175	54.903	nq	99
90) Benzo(a)pyrene	15.36	252	467878	55.192	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	402961	51.952	nq	98
92) Benzo(g,h,i)perylene	17.29	276	387077	49.510	nq	95

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

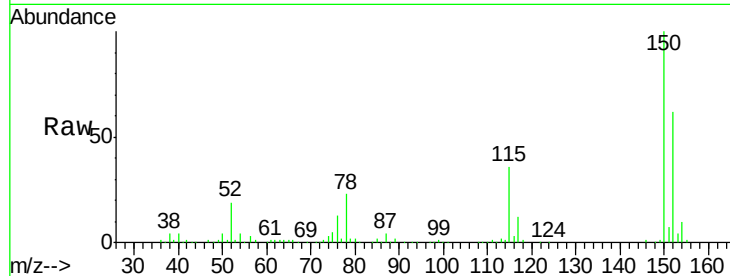


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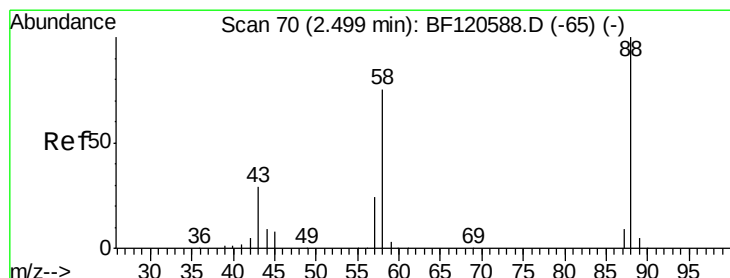
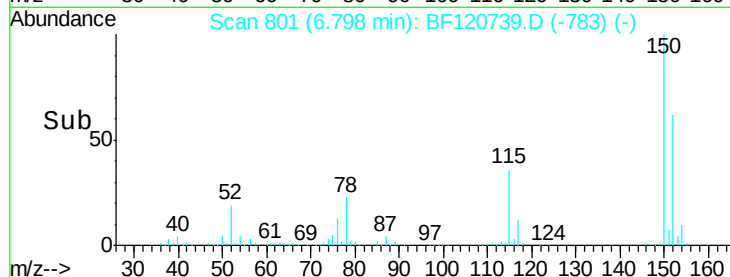
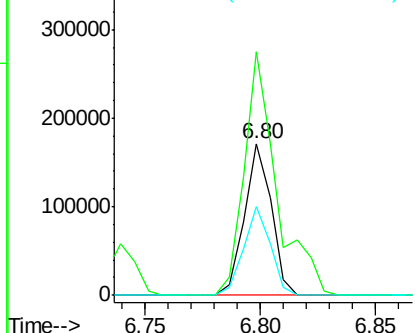
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampleId :
78-64MS

Tot Ion:152 Resp: 140183
Ion Ratio Lower Upper
152 100
150 160.4 124.6 187.0
115 58.5 44.2 66.4



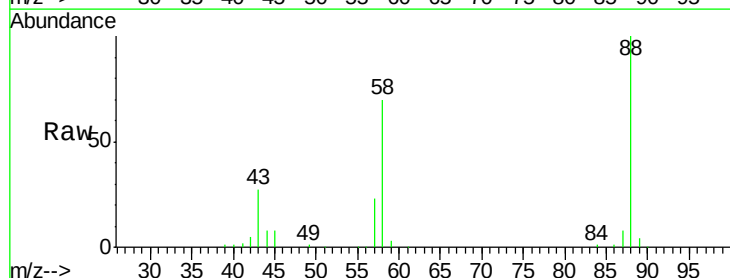
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



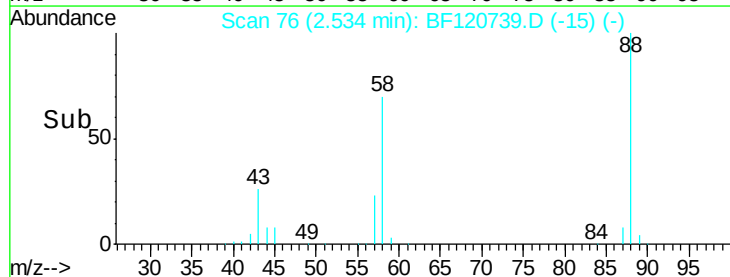
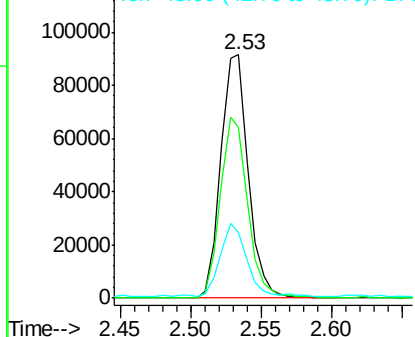
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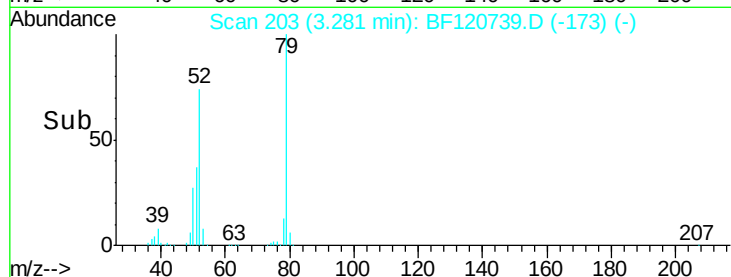
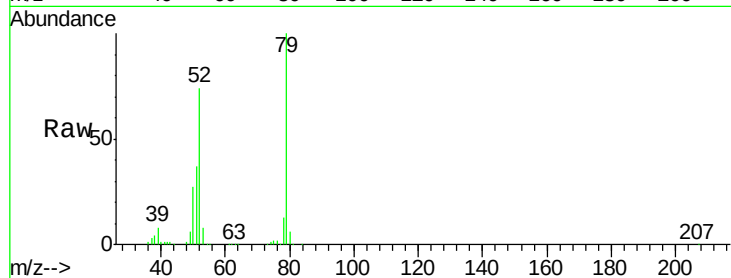
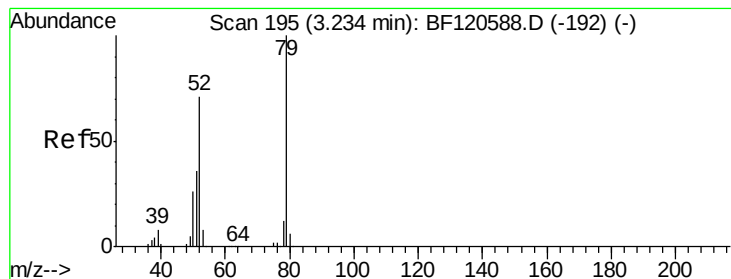
1,4-Dioxane
Concen: 31.934 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.06 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion: 88 Resp: 123752
Ion Ratio Lower Upper
88 100
58 73.6 58.5 87.7
43 28.5 21.8 32.8



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: 30.775 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.08 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

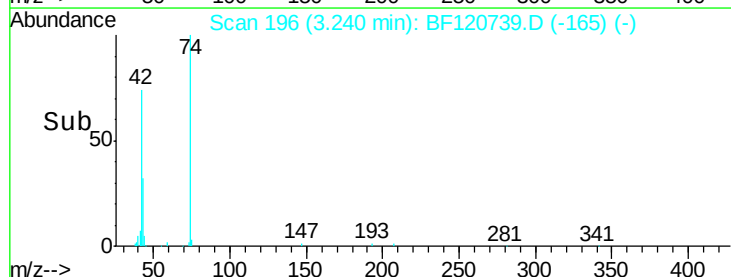
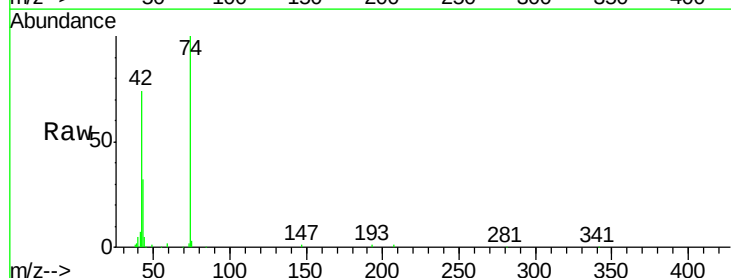
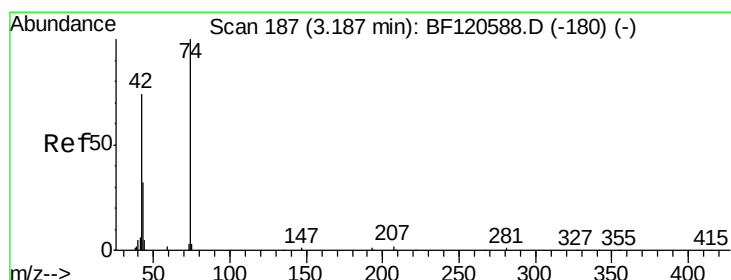
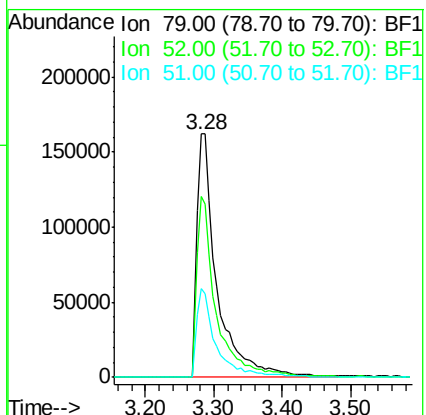
Tot Ion: 79 Resp: 335262

Ion Ratio Lower Upper

79 100

52 74.2 56.6 84.8

51 36.7 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 34.054 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.08 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

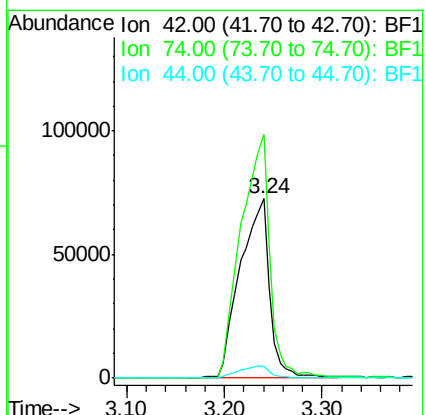
Tgt Ion: 42 Resp: 153961

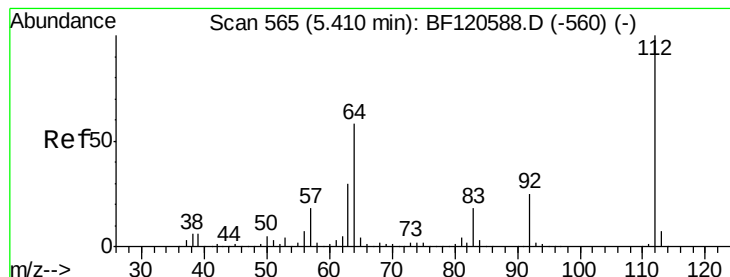
Ion Ratio Lower Upper

42 100

74 136.0 110.7 166.1

44 6.5 5.6 8.4





#5

2-Fluorophenol

Concen: 96.293 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.08 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampled :

78-64MS

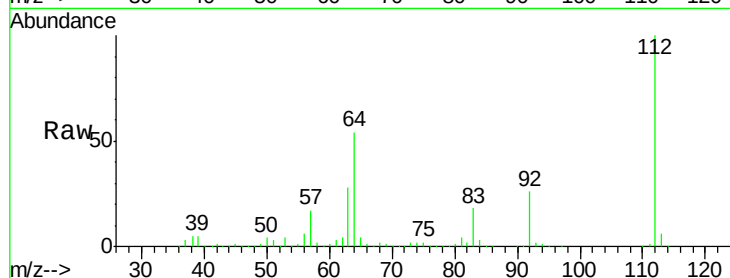
Tot Ion:112 Resp: 787348

Ion Ratio Lower Upper

112 100

64 54.3 42.2 63.2

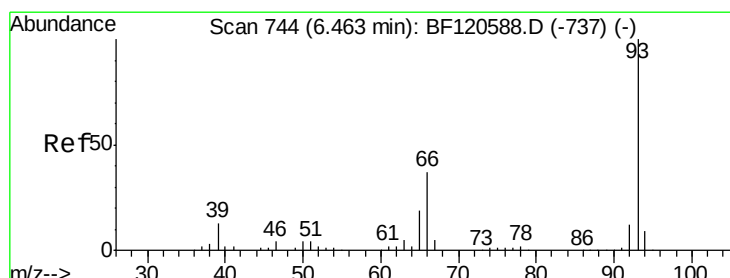
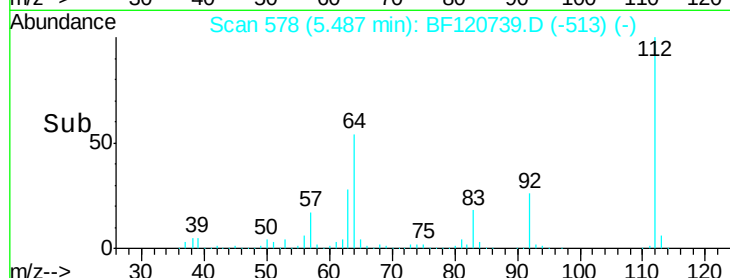
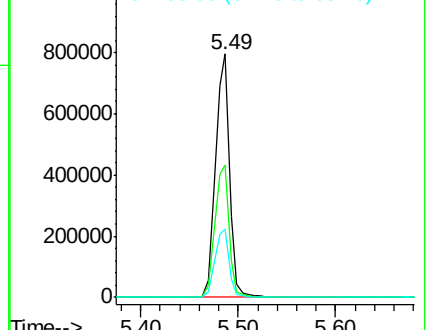
63 28.0 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.108 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

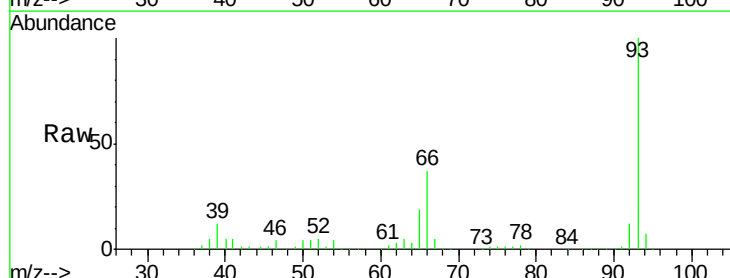
Tgt Ion: 93 Resp: 444531

Ion Ratio Lower Upper

93 100

66 36.8 29.5 44.3

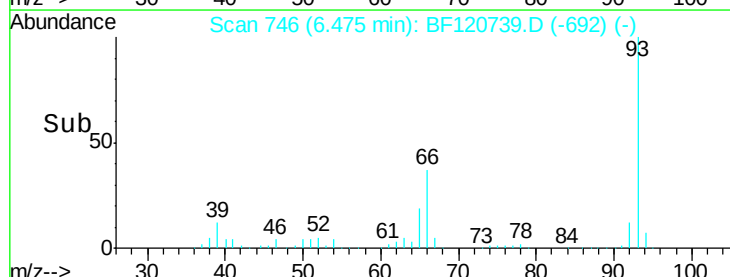
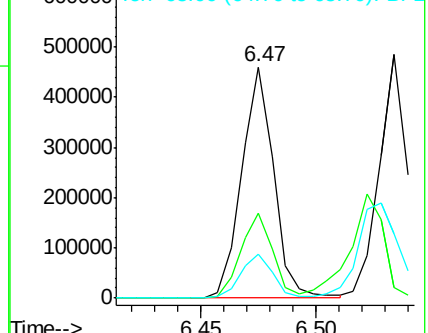
65 19.1 15.5 23.3

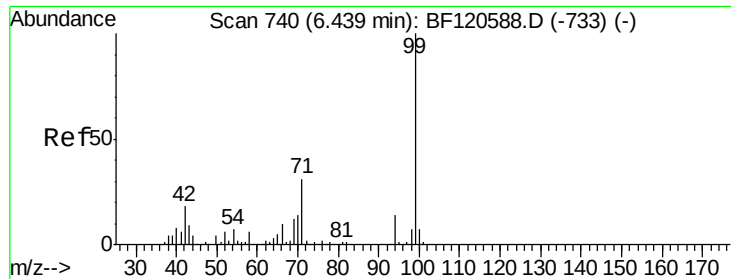


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.341 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

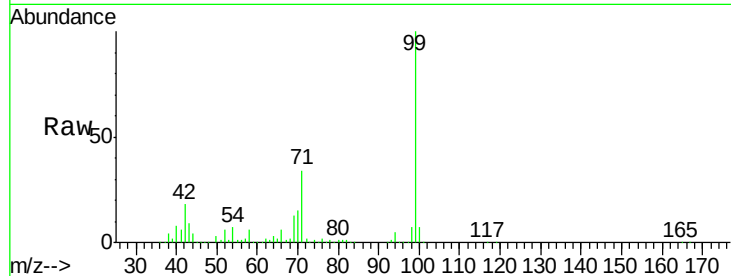
Tot Ion: 99 Resp: 1032041

Ion Ratio Lower Upper

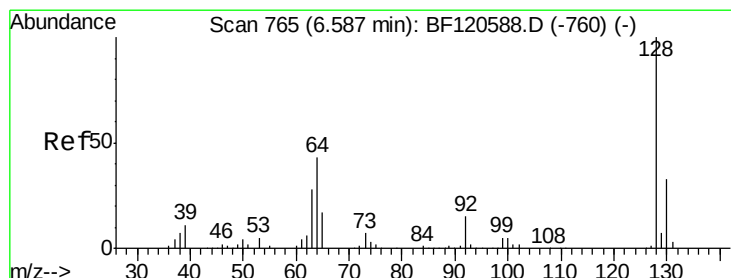
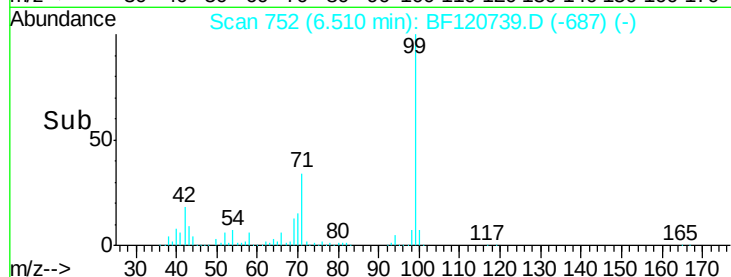
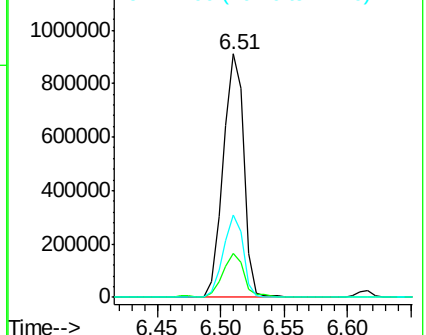
99 100

42 18.1 14.2 21.4

71 33.6 25.4 38.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.133 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.04 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

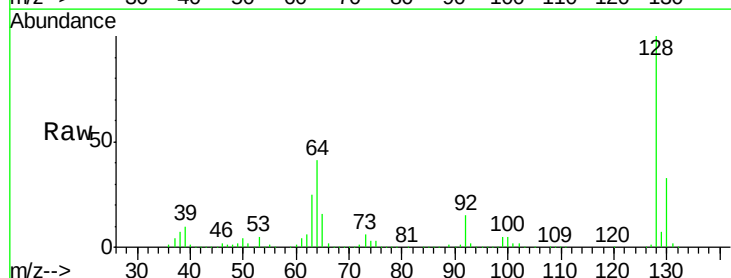
Tgt Ion: 128 Resp: 444738

Ion Ratio Lower Upper

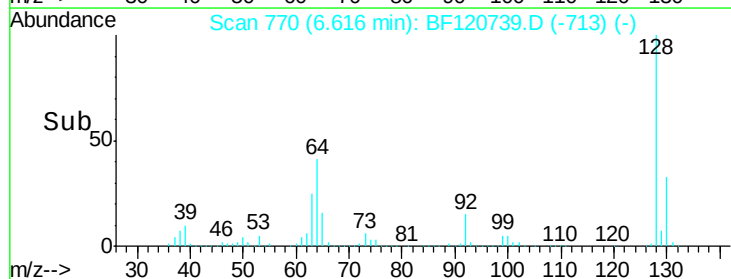
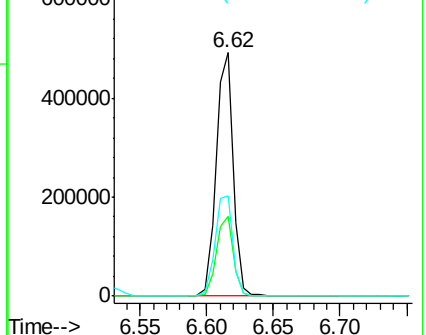
128 100

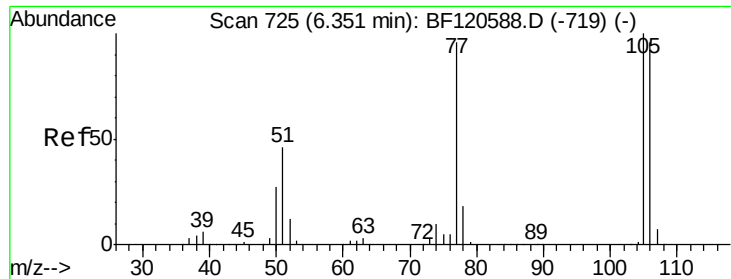
130 32.9 13.3 53.3

64 41.0 19.2 59.2



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

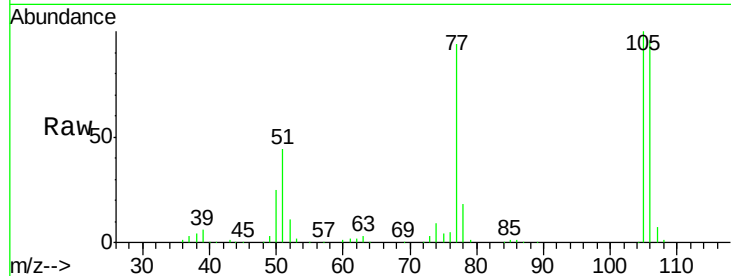




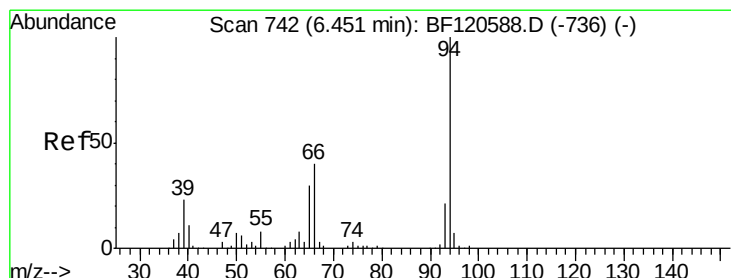
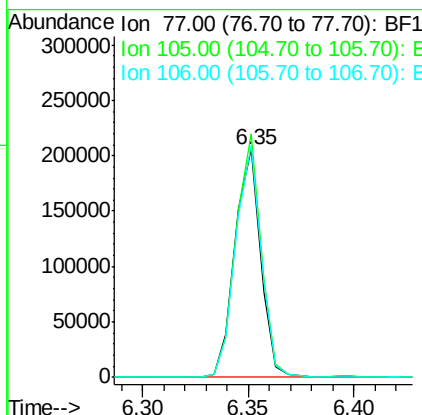
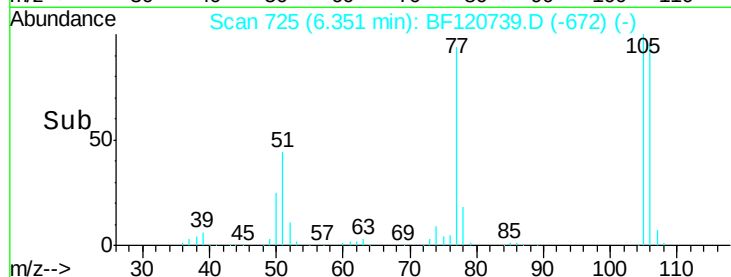
#9
Benzaldehyde
Concen: 26.864 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampleId :
78-64MS

Tot Ion: 77 Resp: 173041
Ion Ratio Lower Upper
77 100
105 106.7 80.8 120.8
106 102.0 78.1 118.1

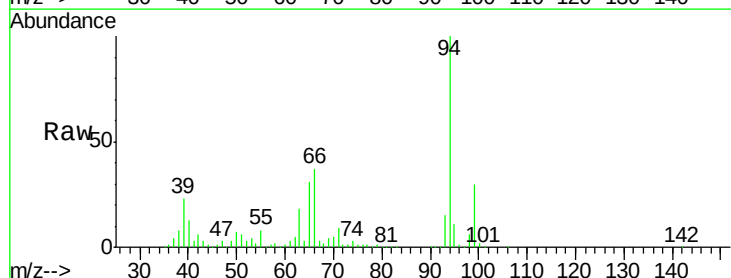


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

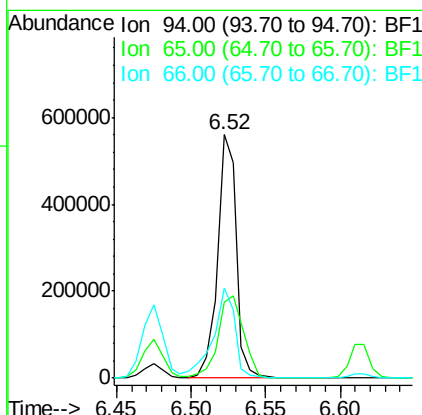
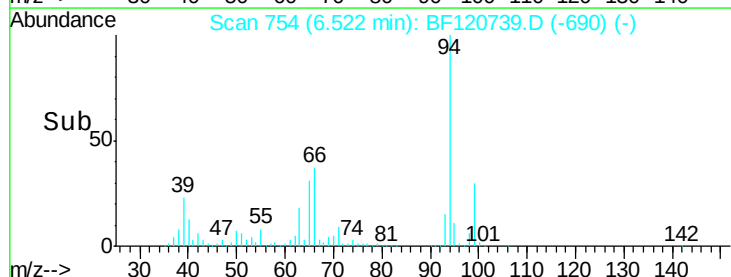


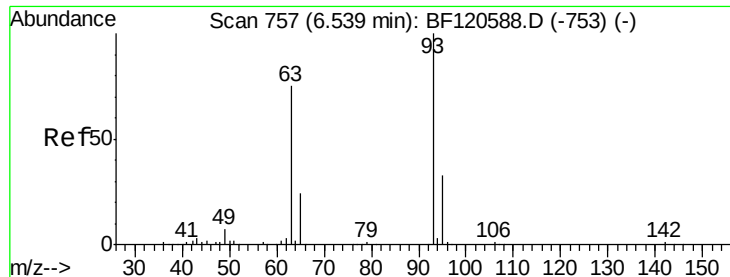
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Phenol
Concen: 45.243 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.08 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion: 94 Resp: 491590
Ion Ratio Lower Upper
94 100
65 31.3 13.6 53.6
66 37.1 29.2 69.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.840 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

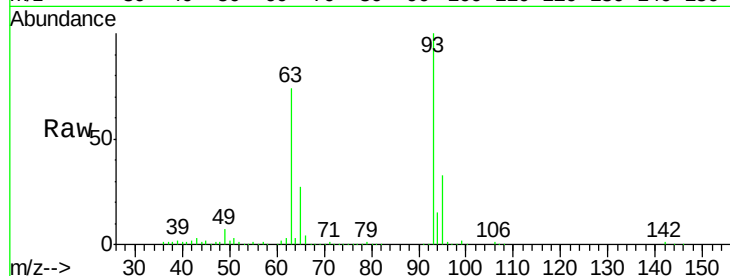
Tot Ion: 93 Resp: 396774

Ion Ratio Lower Upper

93 100

63 74.0 54.8 94.8

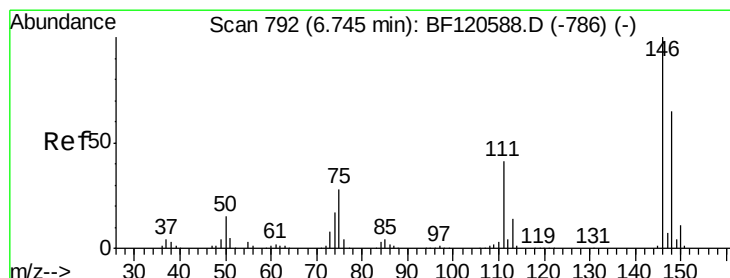
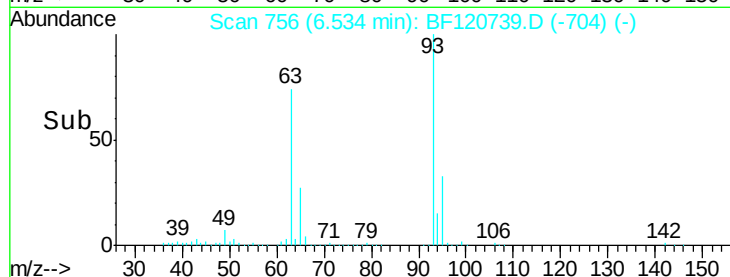
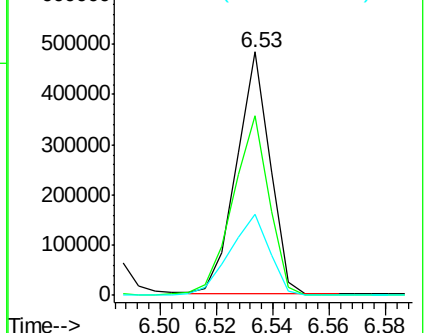
95 33.2 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 47.103 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

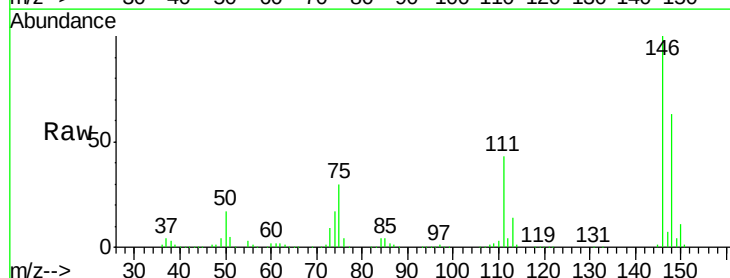
Tgt Ion: 146 Resp: 462691

Ion Ratio Lower Upper

146 100

148 62.9 51.1 76.7

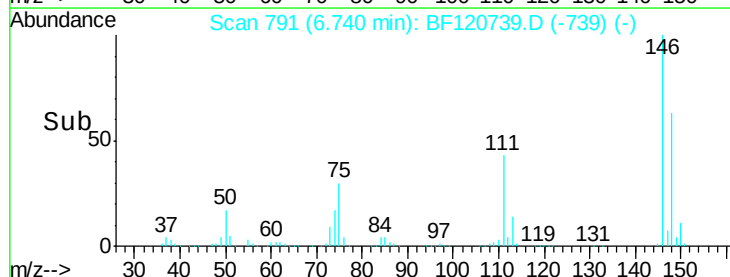
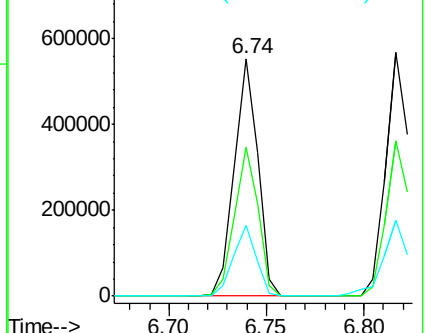
75 29.8 21.5 32.3

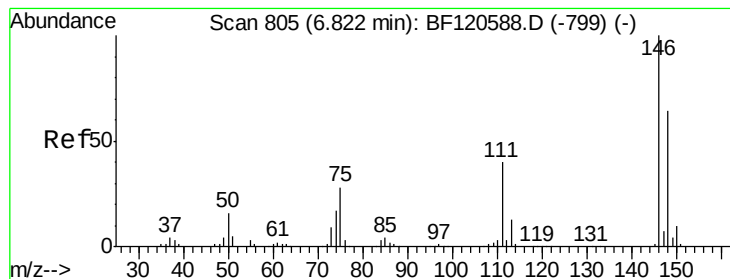


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 47.315 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

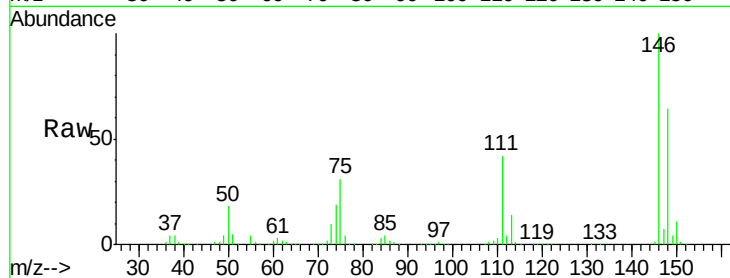
Tot Ion:146 Resp: 458562

Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

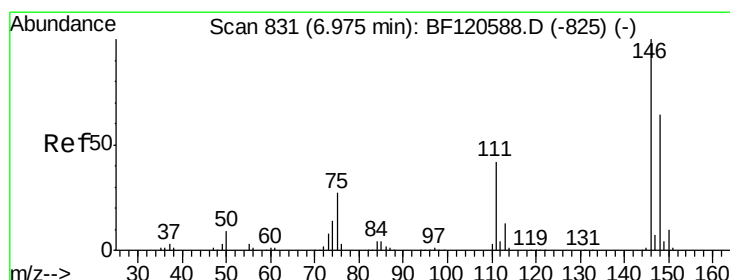
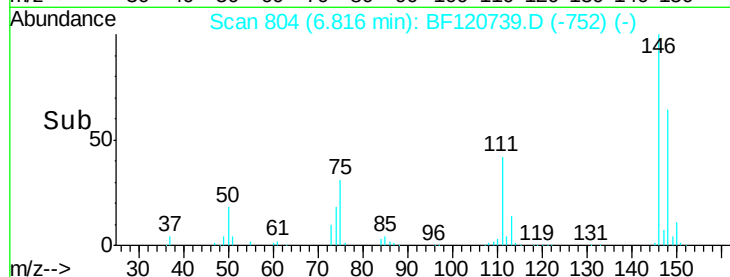
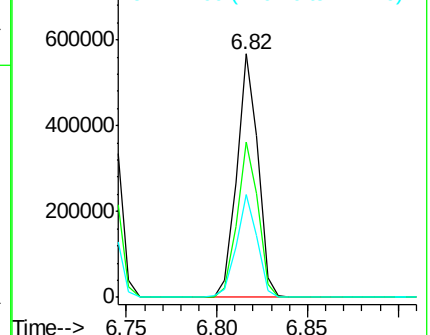
111 42.3 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.191 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

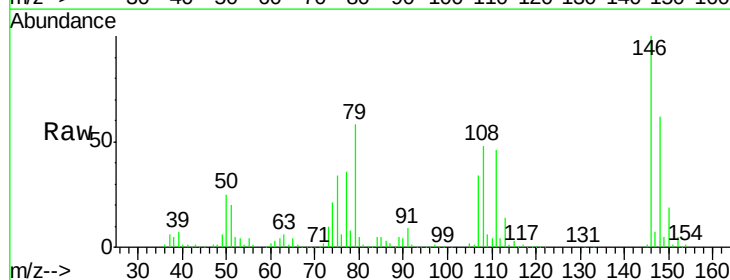
Tgt Ion:146 Resp: 398316

Ion Ratio Lower Upper

146 100

148 62.3 51.0 76.6

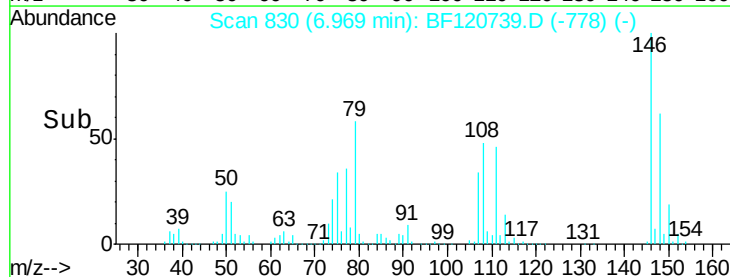
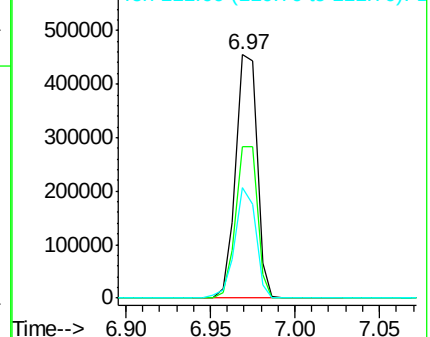
111 45.6 33.6 50.4

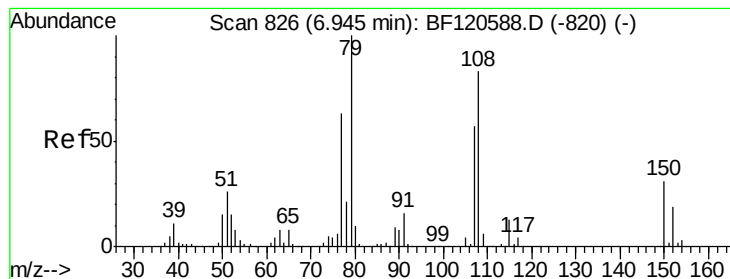


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.837 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.03 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

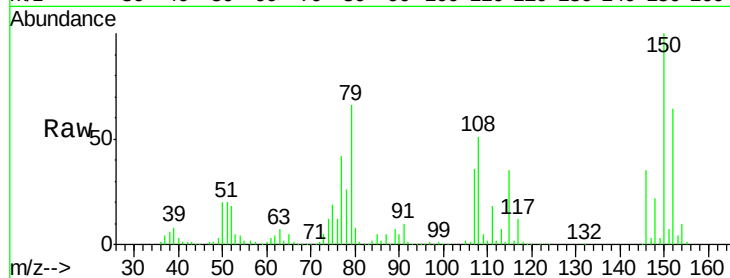
Tot Ion: 79 Resp: 309370

Ion Ratio Lower Upper

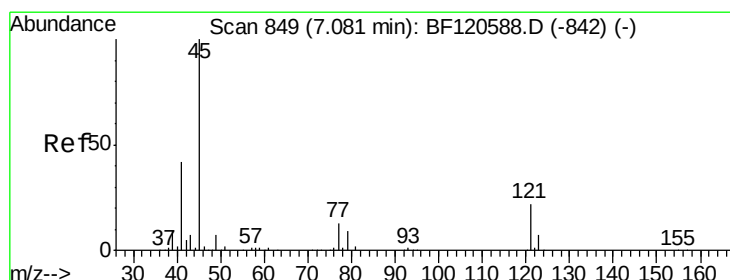
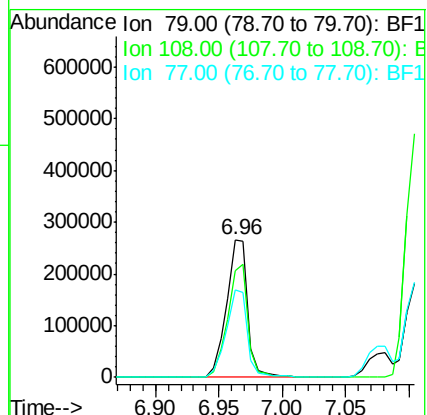
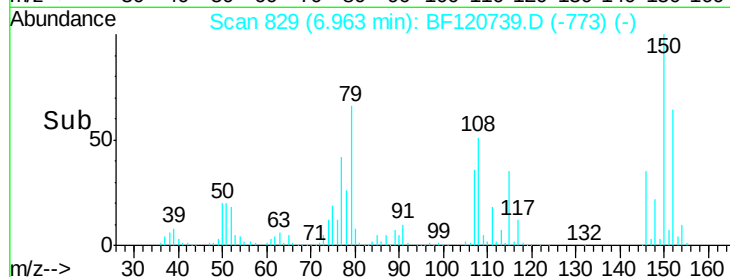
79 100

108 77.0 66.1 99.1

77 63.0 49.8 74.6



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: 42.715 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

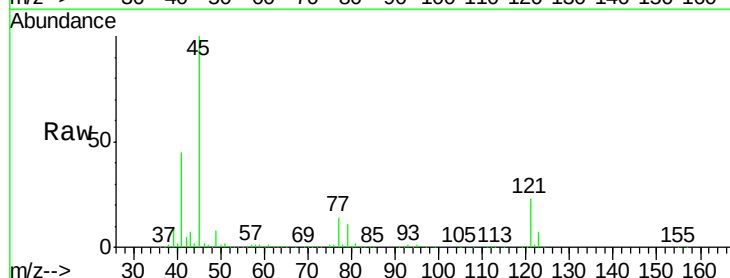
Tgt Ion: 45 Resp: 556628

Ion Ratio Lower Upper

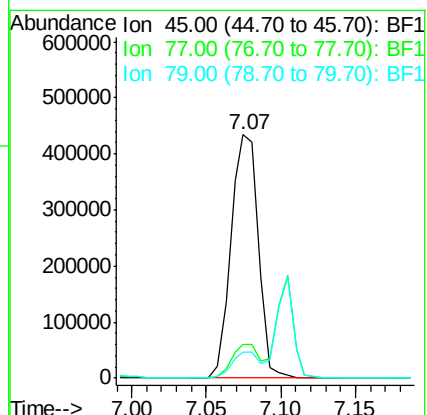
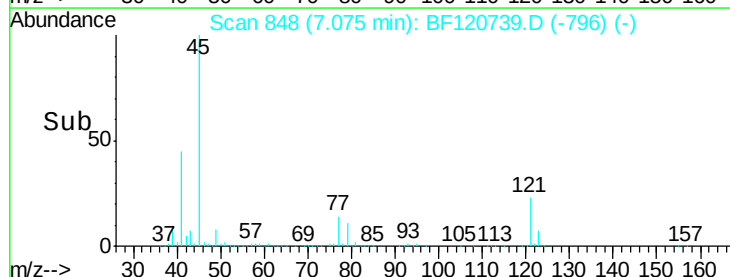
45 100

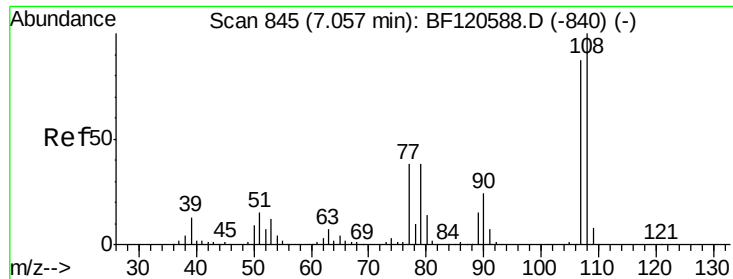
77 13.9 0.0 34.9

79 10.7 0.0 31.4



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: 41.760 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.05 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

Tot Ion:107 Resp: 329091

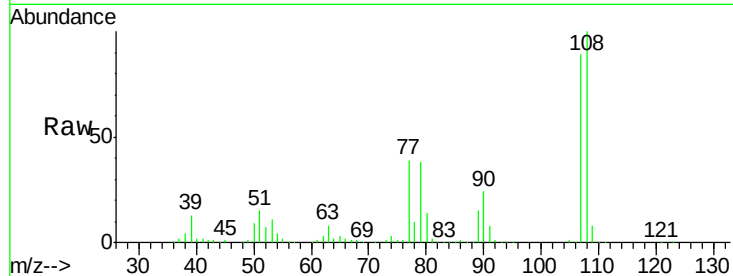
Ion Ratio Lower Upper

107 100

108 111.8 90.7 136.1

77 43.7 35.0 52.4

79 42.9 33.6 50.4

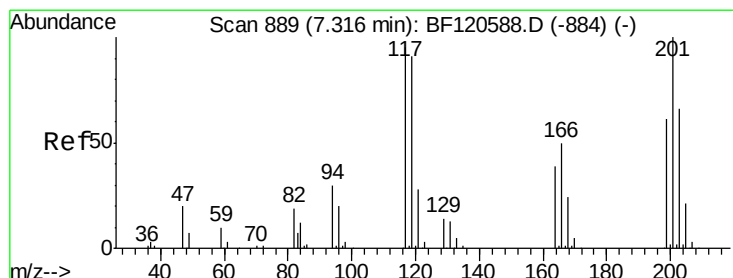
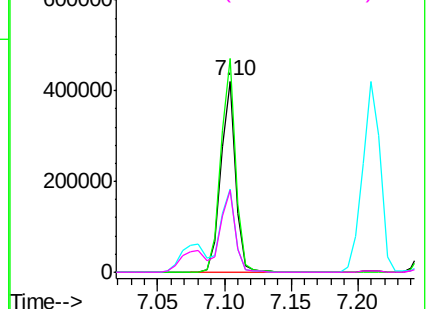
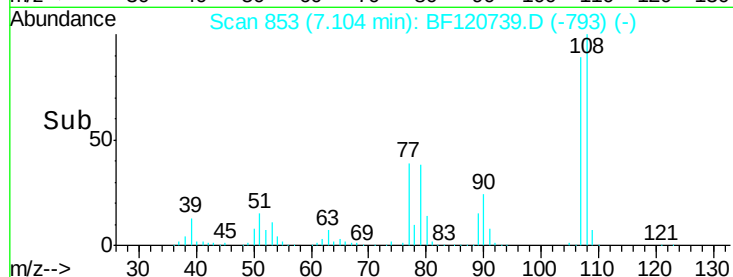


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 30.805 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

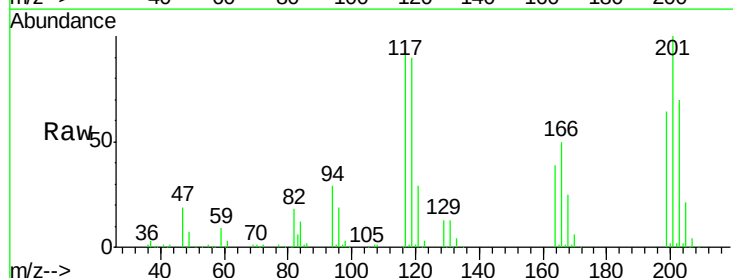
Tgt Ion:117 Resp: 110012

Ion Ratio Lower Upper

117 100

119 96.9 77.1 115.7

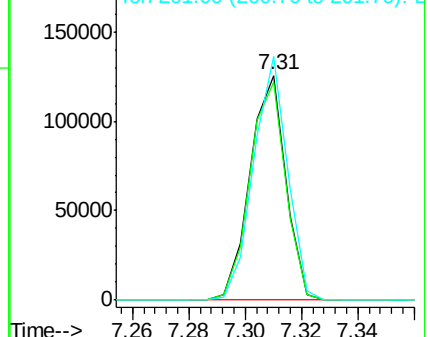
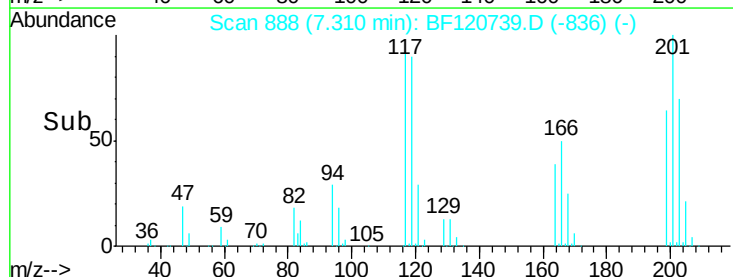
201 108.3 86.4 129.6

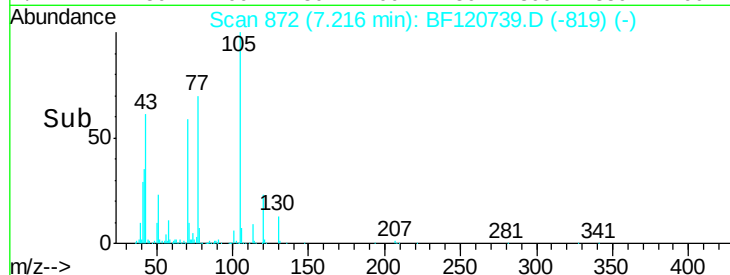
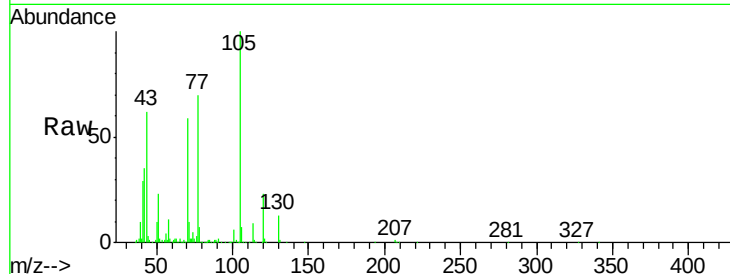
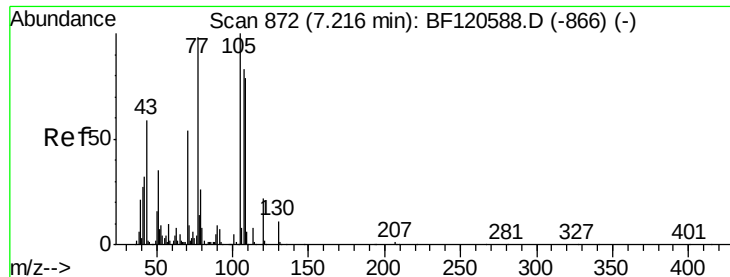


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

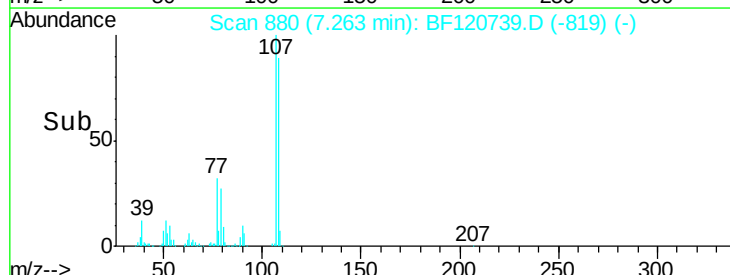
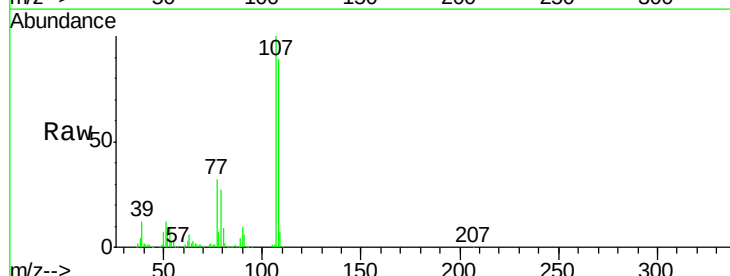
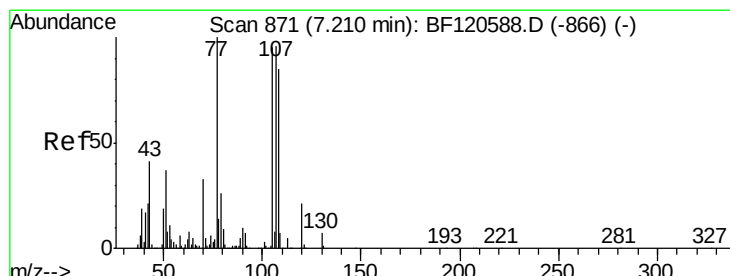
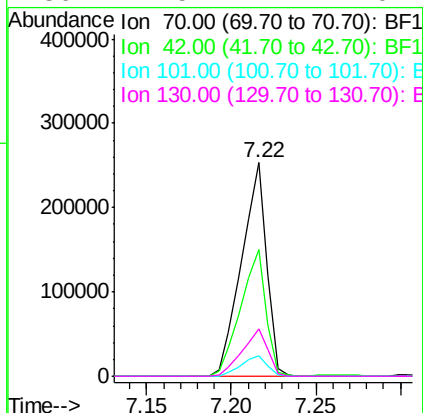




#19
n-Nitroso-di-n-propylamine
Concen: 44.629 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

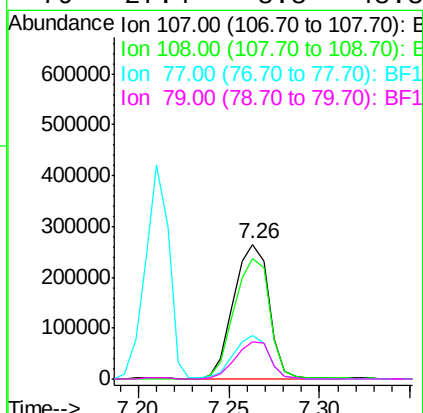
Instrument :
BNA_F
ClientSampleId :
78-64MS

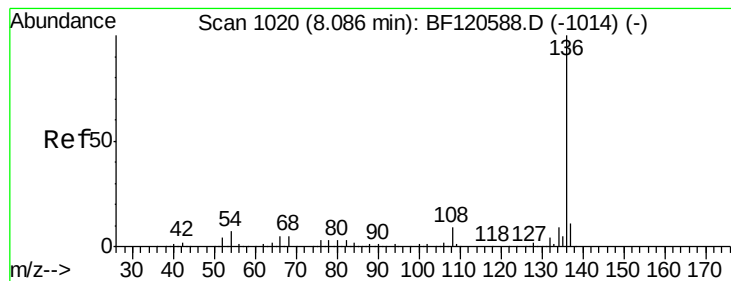
Tot Ion:	70	Resp:	263636
Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.6	71.4
101	9.8	7.6	11.4
130	22.5	17.4	26.2



#20
3+4-Methylphenols
Concen: 36.468 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.06 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion:	107	Resp:	359119
Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.9	110.9
77	32.0	95.7	135.7#
79	27.4	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

Tot Ion:136 Resp: 206735

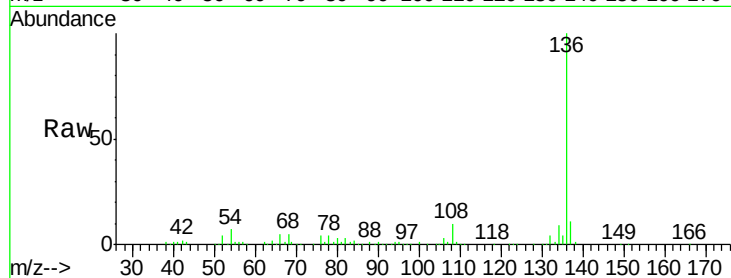
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 6.9 5.3 7.9

68 4.9 4.3 6.5

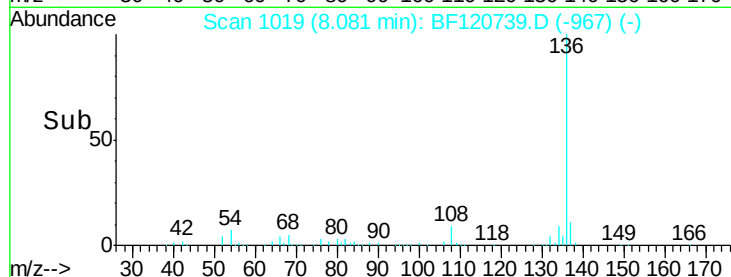


Abundance Ion 136.00 (135.70 to 136.70): E

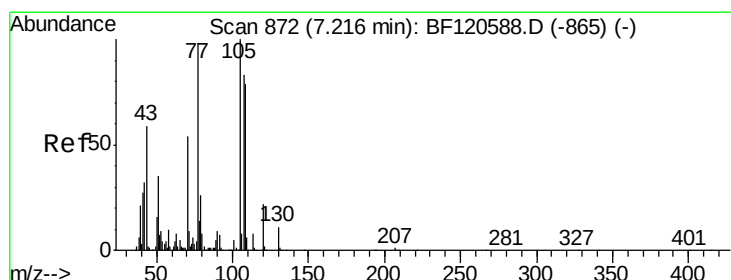
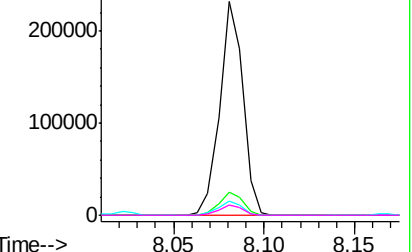
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 112.713 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Tgt Ion:105 Resp: 520952

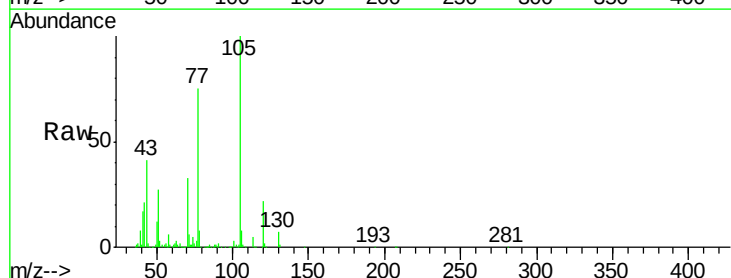
Ion Ratio Lower Upper

105 100

71 5.7 6.6 9.8#

51 26.5 27.4 41.0#

120 22.2 18.1 27.1

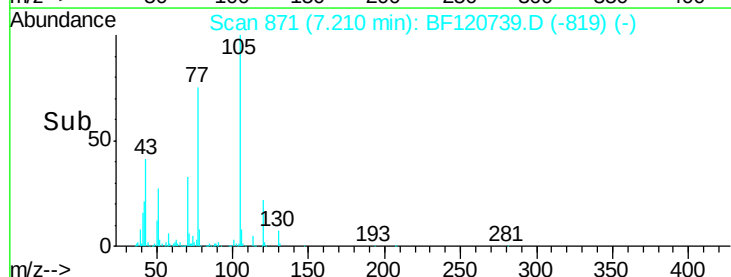


Abundance Ion 105.00 (104.70 to 105.70): E

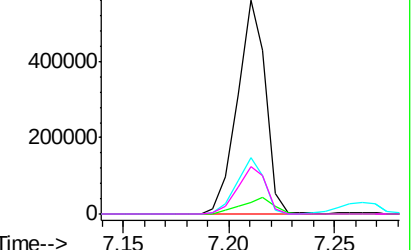
Ion 71.00 (70.70 to 71.70): BF1

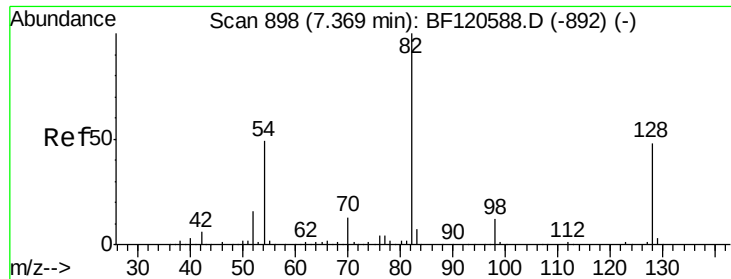
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

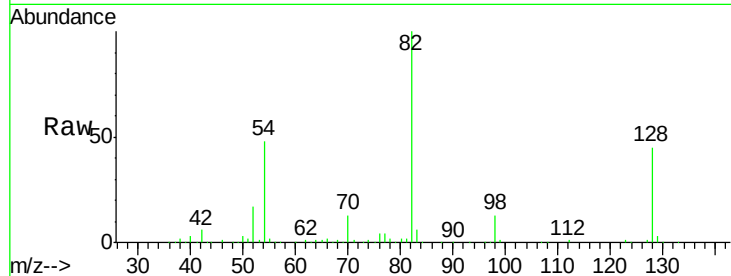




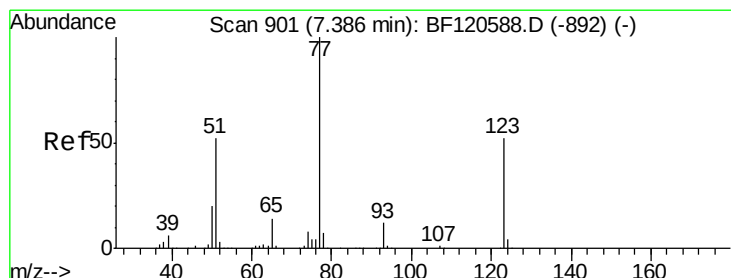
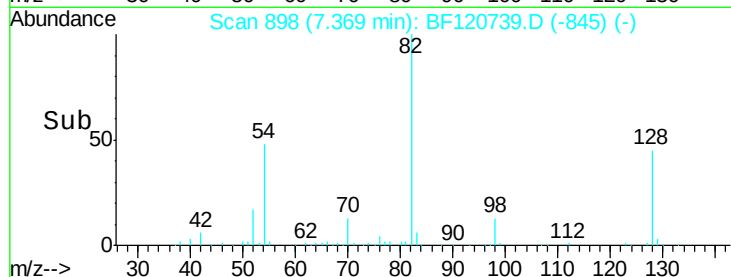
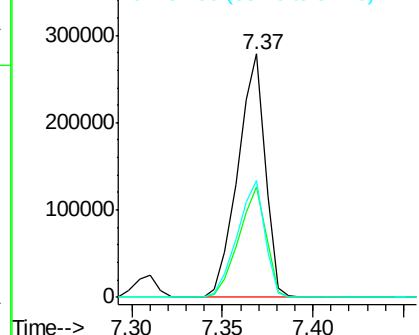
#23
 Nitrobenzene-d5
 Concen: 78.787 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

Tot Ion	82	Resp	291395
Ion Ratio	Lower	Upper	
82	100		
128	45.3	38.1	57.1
54	48.1	38.8	58.2

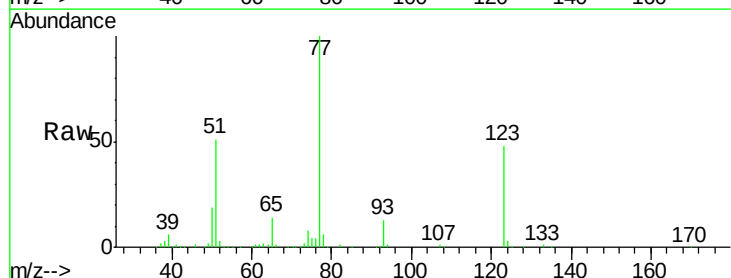


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

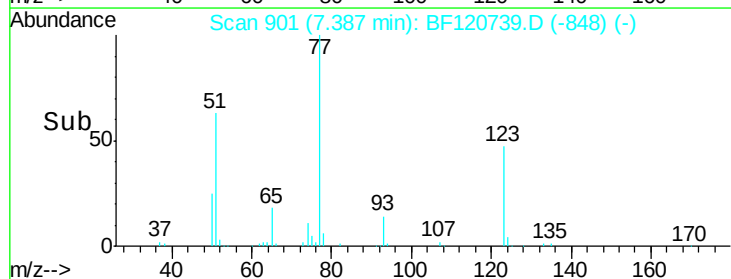
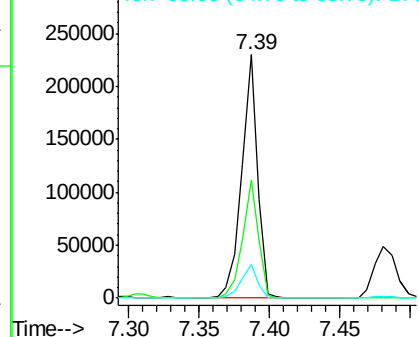


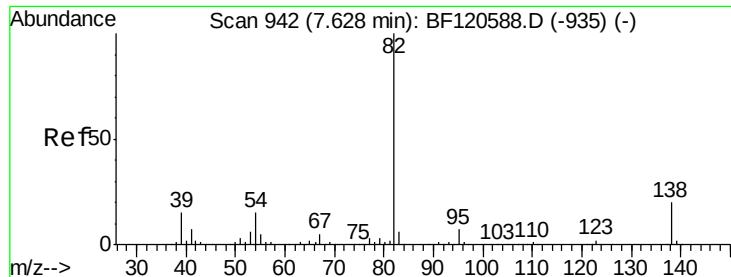
#24
 Nitrobenzene
 Concen: 46.991 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion	77	Resp	181873
Ion Ratio	Lower	Upper	
77	100		
123	48.4	41.5	62.3
65	13.7	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.347 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

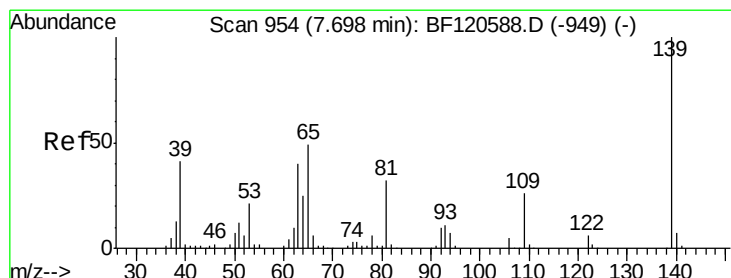
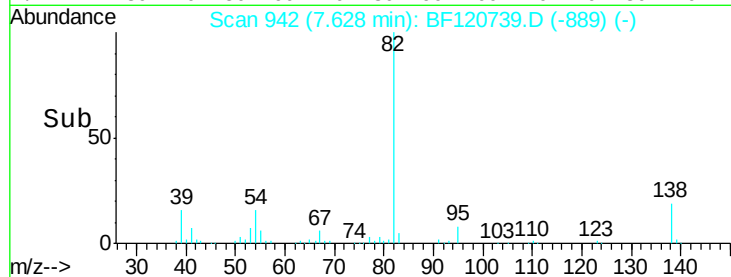
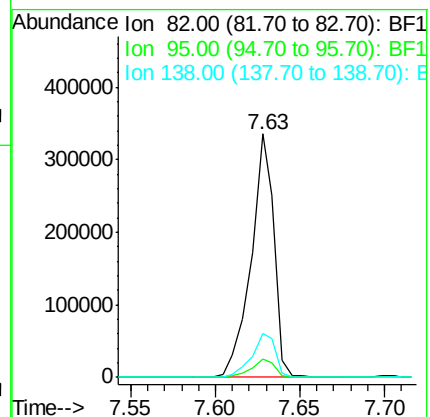
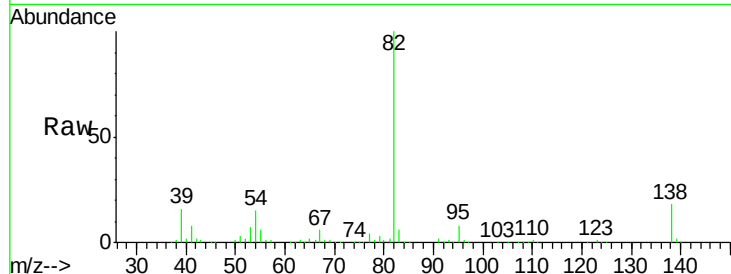
Tot Ion: 82 Resp: 319497

Ion Ratio Lower Upper

82 100

95 7.5 5.6 8.4

138 18.3 16.1 24.1



#26

2-Nitrophenol

Concen: 40.046 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

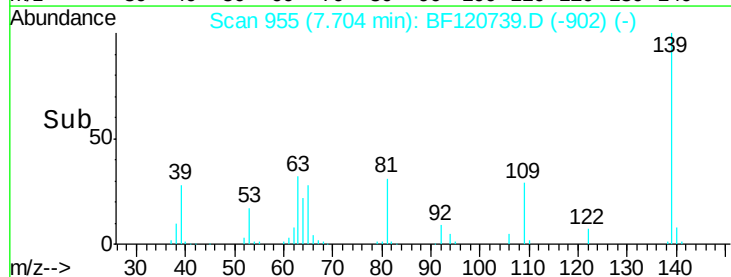
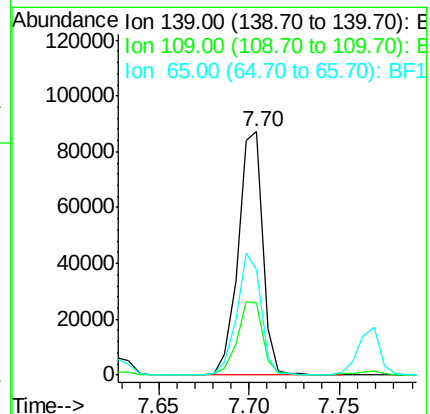
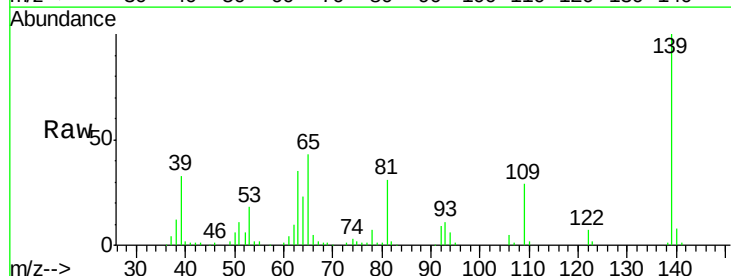
Tgt Ion: 139 Resp: 81996

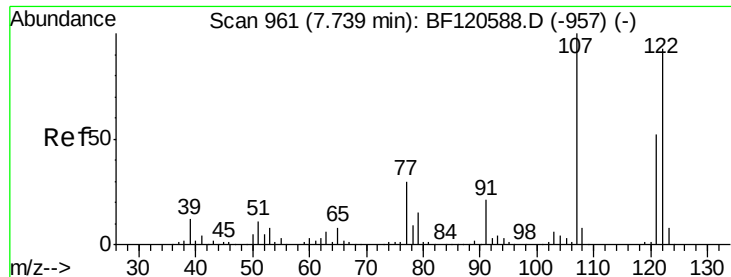
Ion Ratio Lower Upper

139 100

109 29.4 20.7 31.1

65 43.2 33.6 50.4

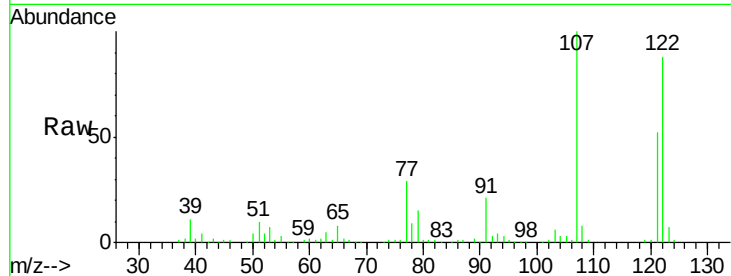




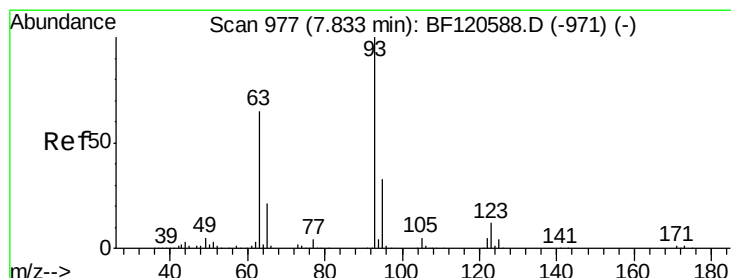
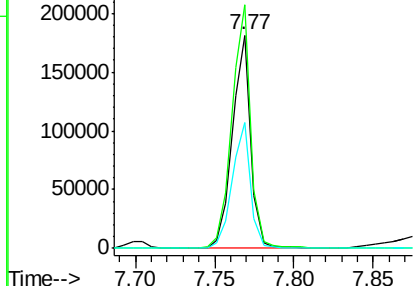
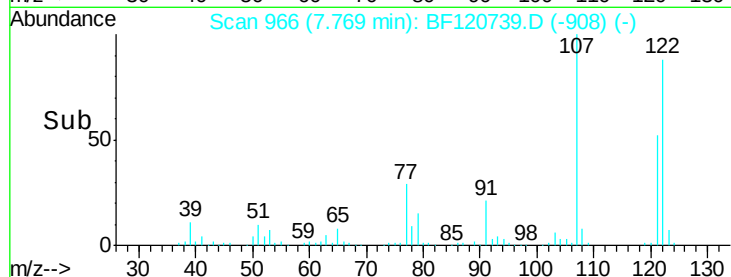
#27
 2,4-Dimethylphenol
 Concen: 48.682 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.04 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

Tot Ion:122 Resp: 146768
 Ion Ratio Lower Upper
 122 100
 107 114.2 89.4 134.2
 121 59.0 46.2 69.4

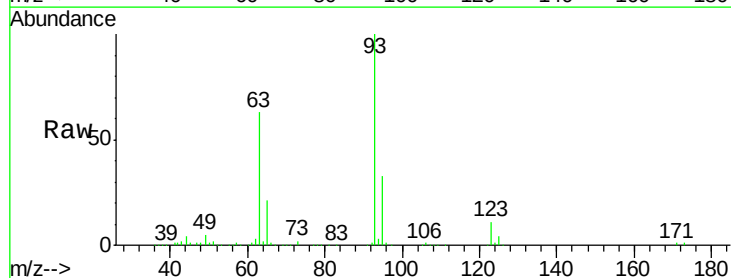


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

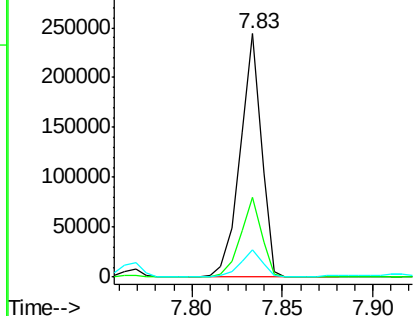
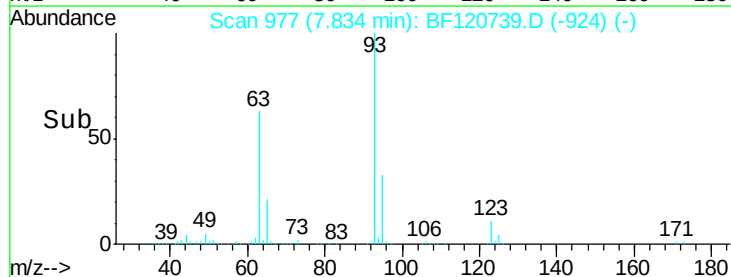


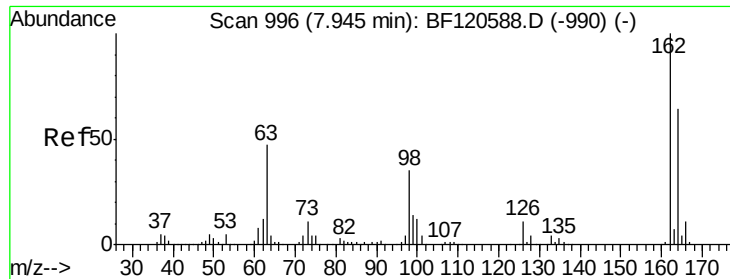
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.904 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion: 93 Resp: 200062
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.2 39.2
 123 11.1 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

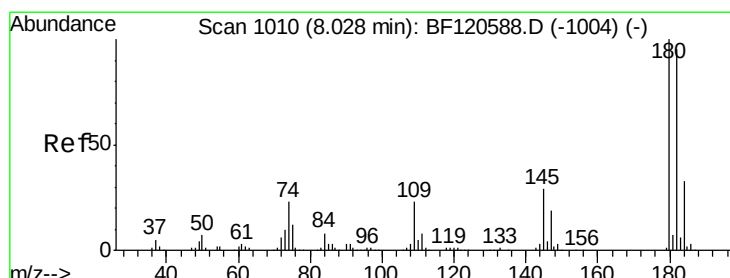
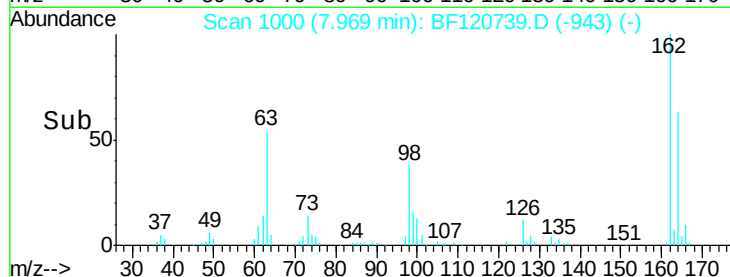
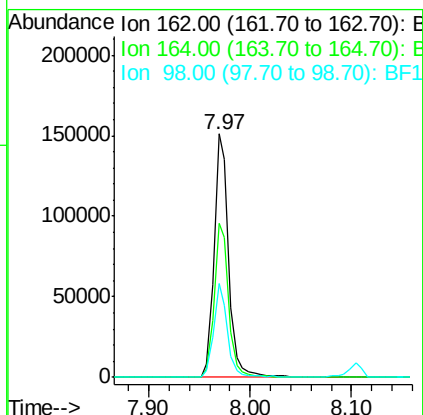
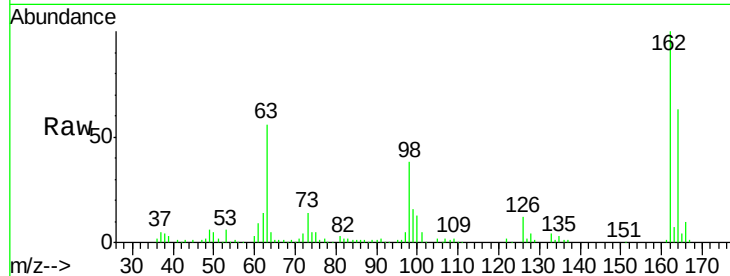




#29
 2,4-Dichlorophenol
 Concen: 49.201 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.04 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

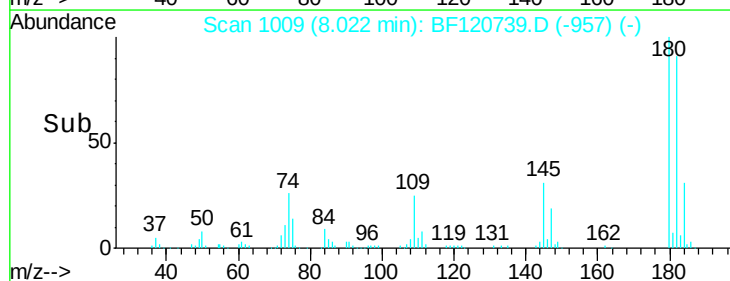
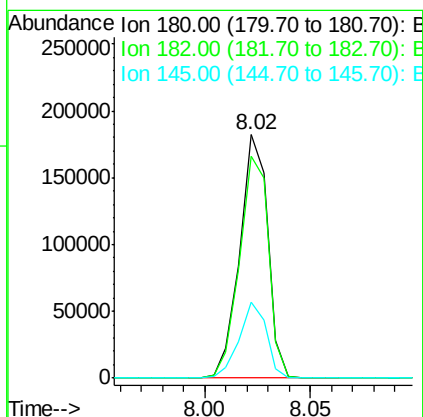
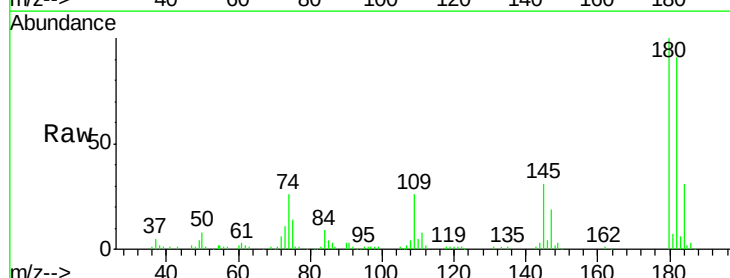
Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

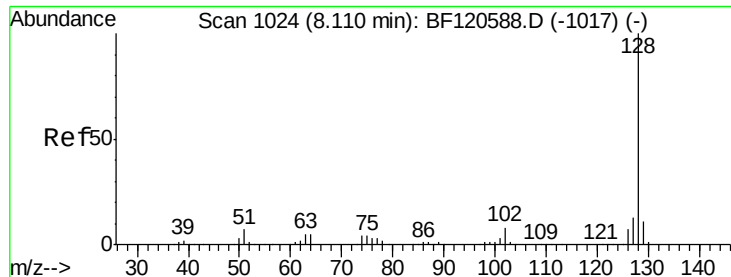
Tot Ion:162 Resp: 150780
 Ion Ratio Lower Upper
 162 100
 164 63.5 45.1 85.1
 98 38.3 16.2 56.2



#30
 1,2,4-Trichlorobenzene
 Concen: 49.395 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion:180 Resp: 167754
 Ion Ratio Lower Upper
 180 100
 182 91.2 76.0 114.0
 145 31.0 23.4 35.2





#31

Naphthalene

Concen: 49.940 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

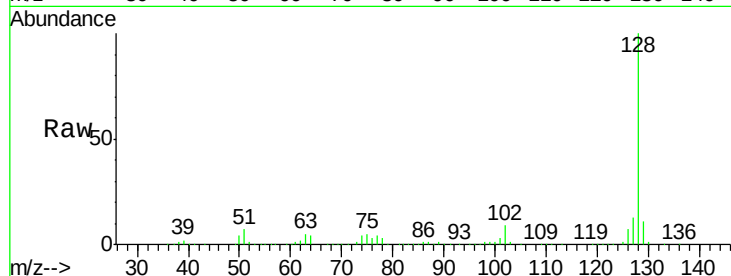
Tot Ion:128 Resp: 506959

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

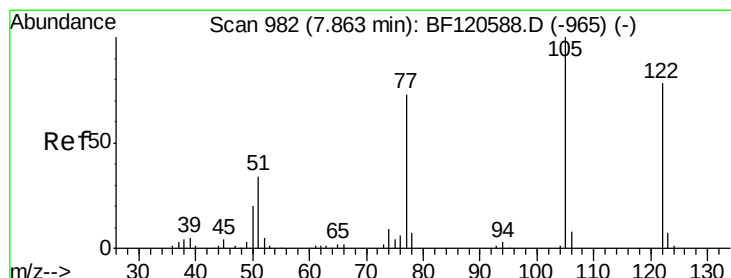
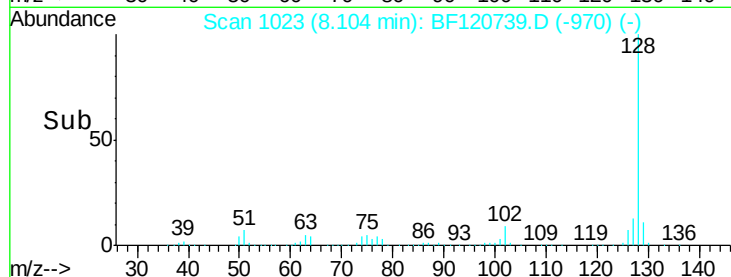
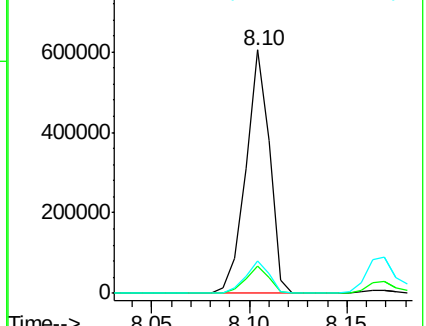
127 13.2 10.7 16.1



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: 43.809 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.05 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

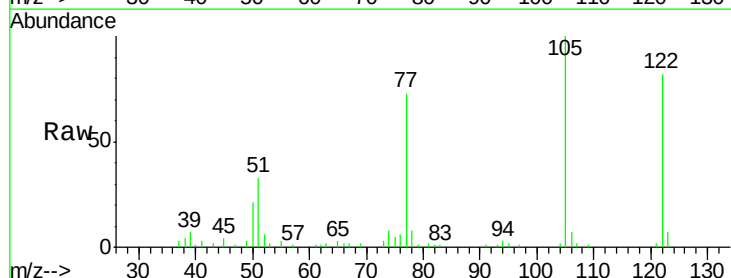
Tgt Ion:122 Resp: 101336

Ion Ratio Lower Upper

122 100

105 122.2 98.4 138.4

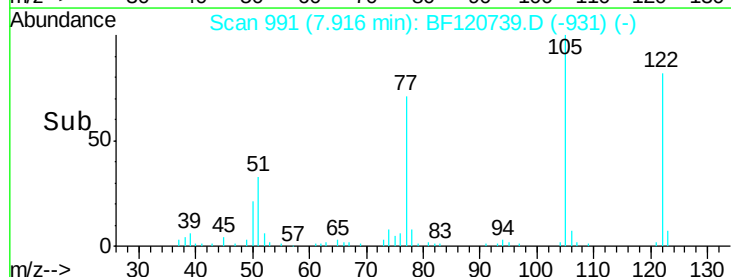
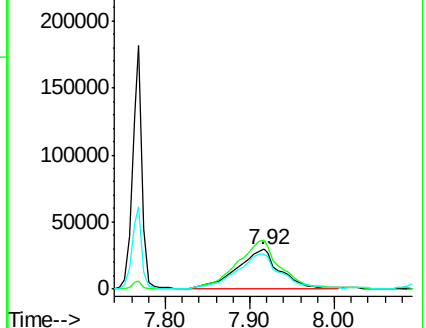
77 89.1 63.8 103.8

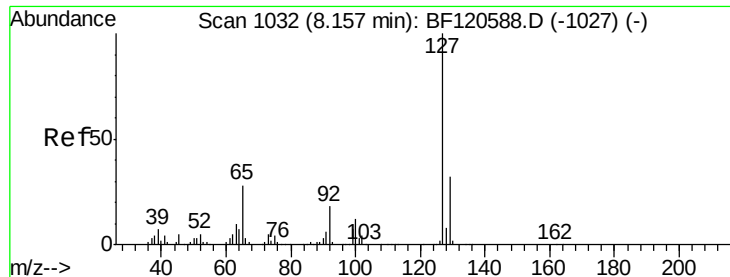


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

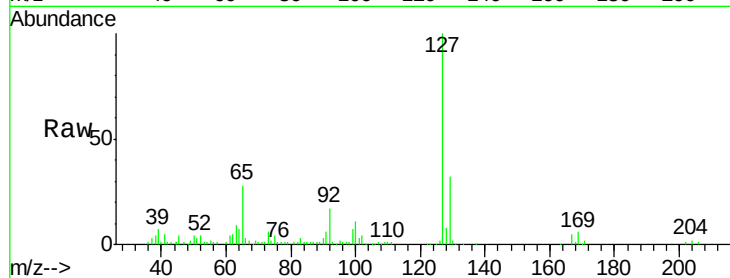




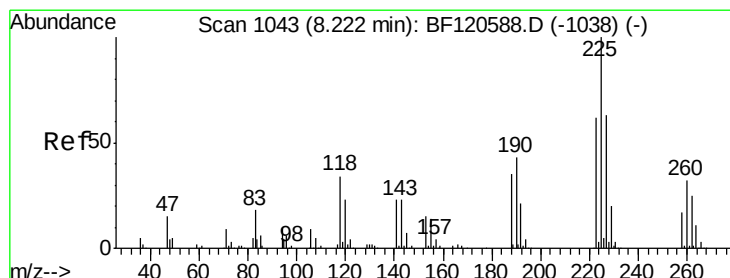
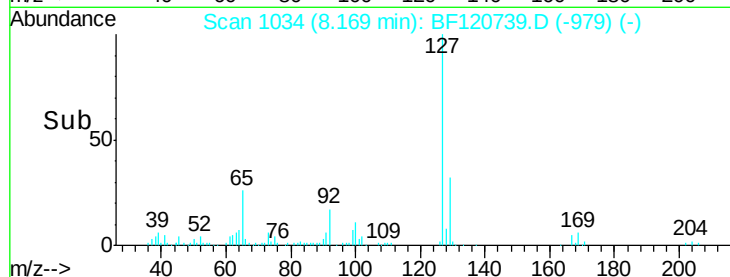
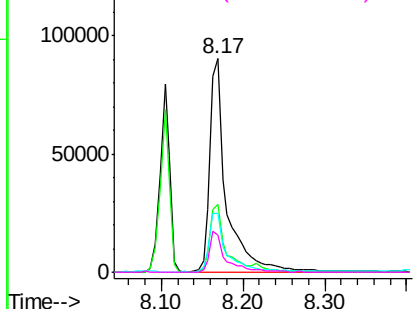
#33
4-Chloroaniline
Concen: 27.522 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampleId :
78-64MS

Tot Ion:	127	Resp:	128235
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	27.8	21.8	32.6
92	17.2	14.5	21.7

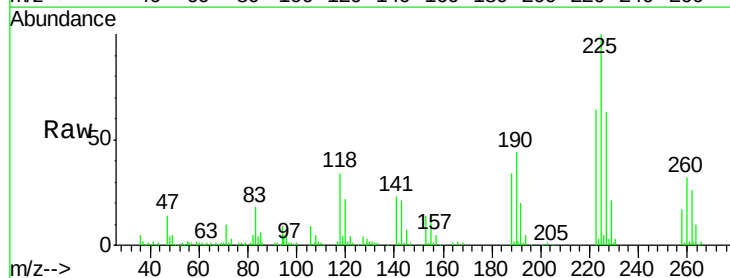


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

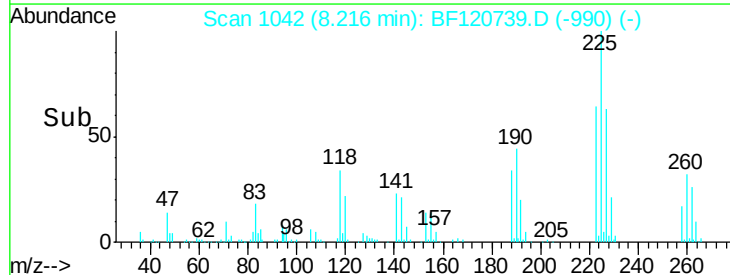
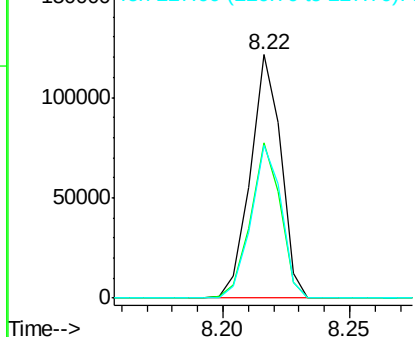


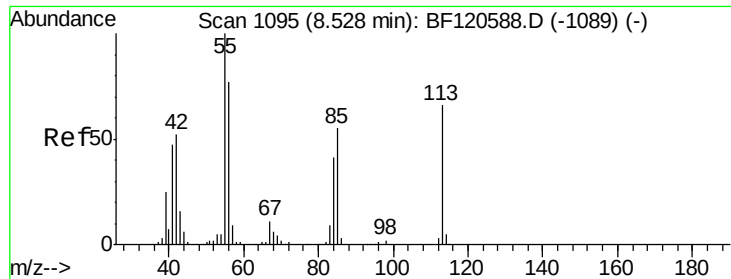
#34
Hexachlorobutadiene
Concen: 51.442 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion:	225	Resp:	101838
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.0	75.0
227	63.0	50.5	75.7



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

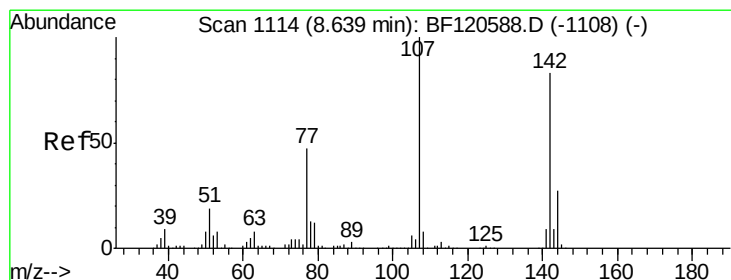
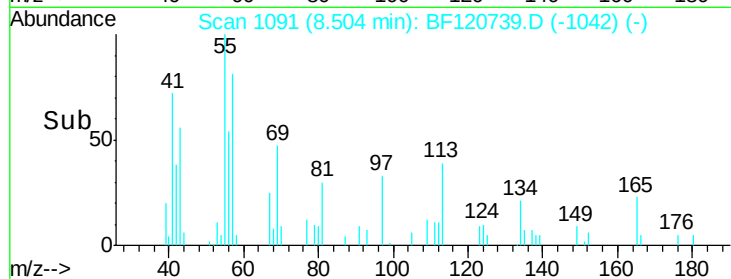
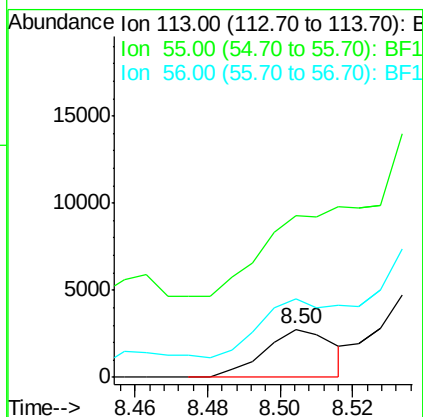
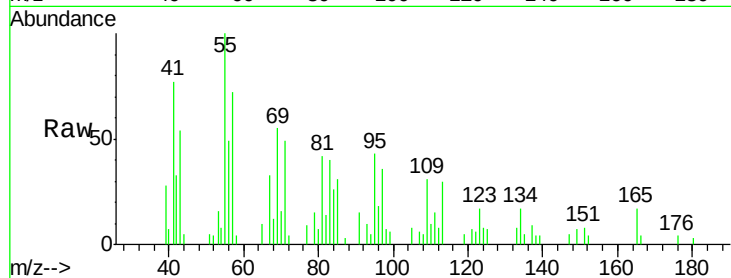




#35
 Caprolactam
 Concen: 3.738 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

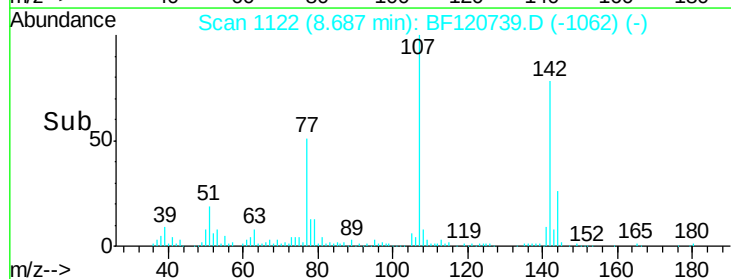
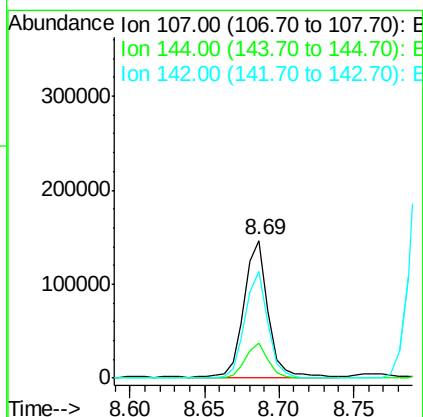
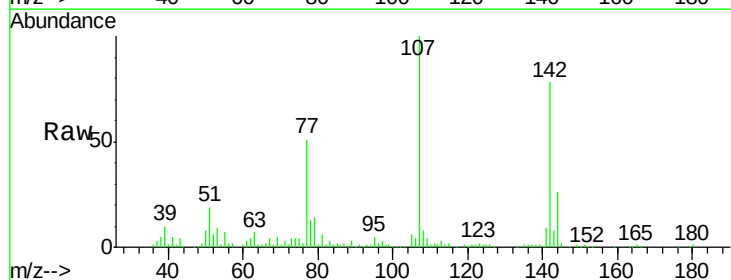
Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

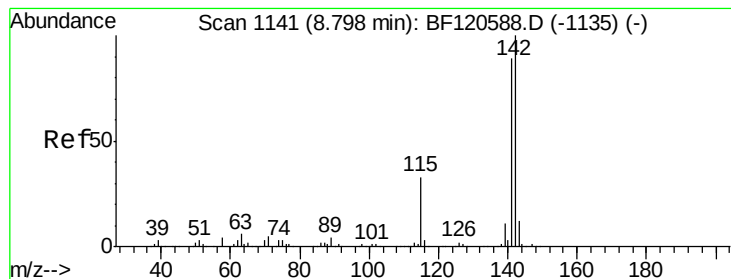
Tot Ion:113 Resp: 3664
 Ion Ratio Lower Upper
 113 100
 55 334.8 143.7 183.7#
 56 163.6 98.6 138.6#



#36
 4-Chloro-3-methylphenol
 Concen: 52.452 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.05 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion:107 Resp: 160592
 Ion Ratio Lower Upper
 107 100
 144 25.6 21.9 32.9
 142 77.7 67.7 101.5





#37

2-Methylnaphthalene

Concen: 52.592 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

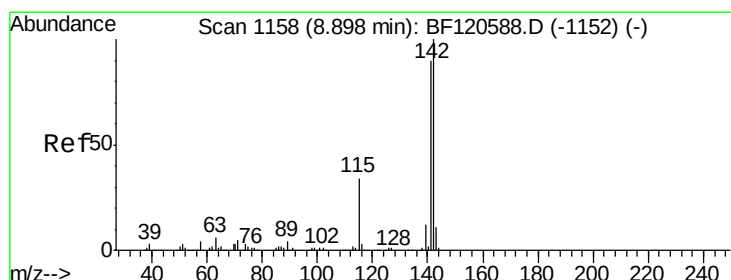
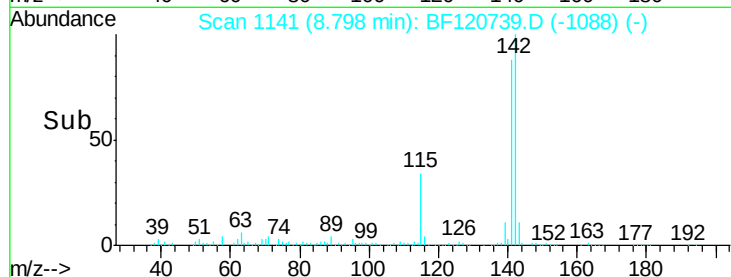
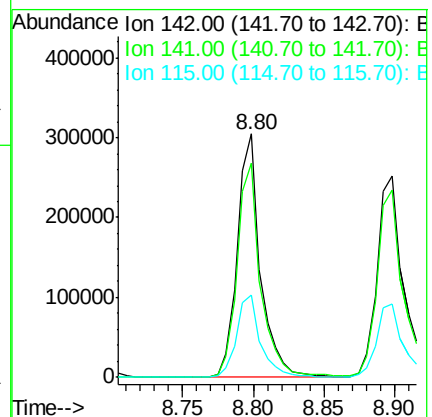
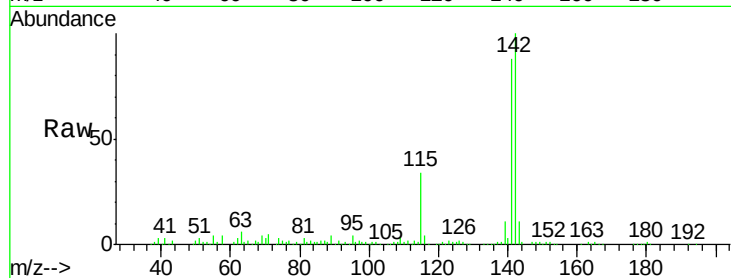
Tot Ion:142 Resp: 348524

Ion Ratio Lower Upper

142 100

141 88.2 69.2 103.8

115 34.0 26.3 39.5



#38

1-Methylnaphthalene

Concen: 52.782 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

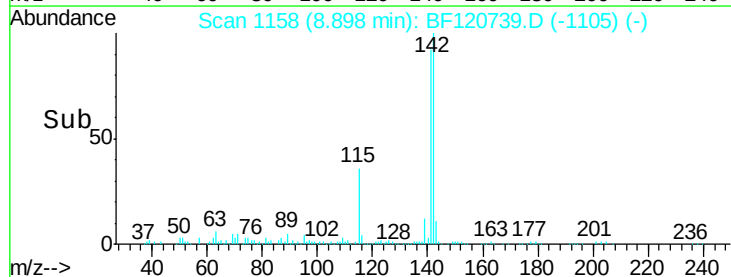
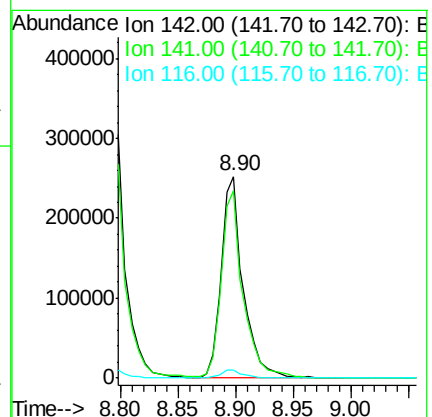
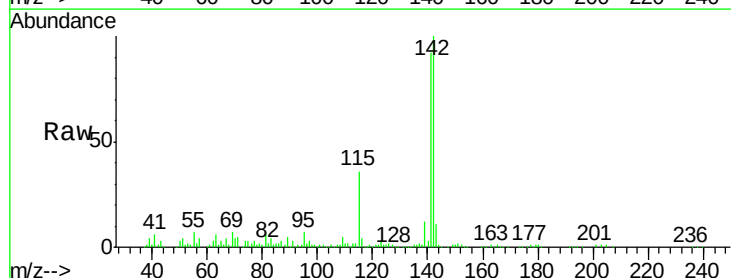
Tgt Ion:142 Resp: 329135

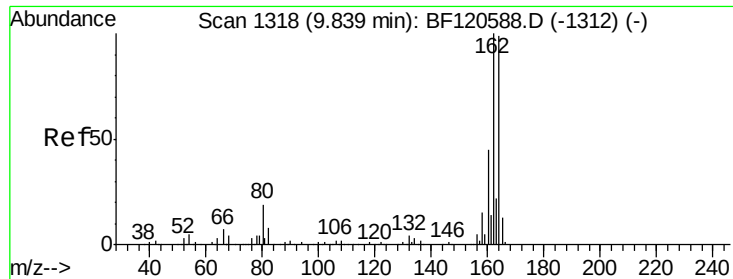
Ion Ratio Lower Upper

142 100

141 92.5 72.7 109.1

116 4.0 2.7 4.1

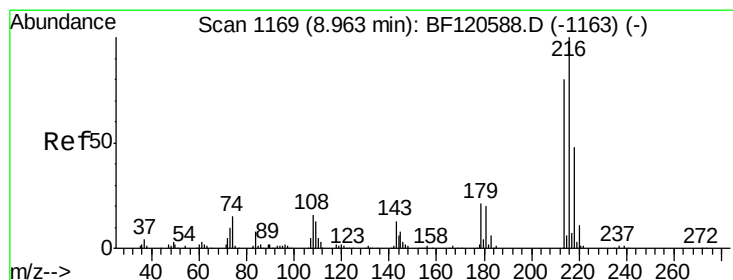
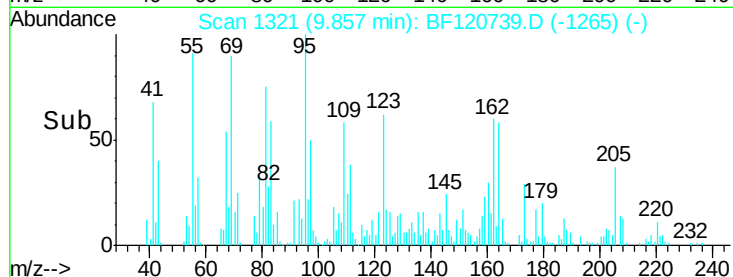
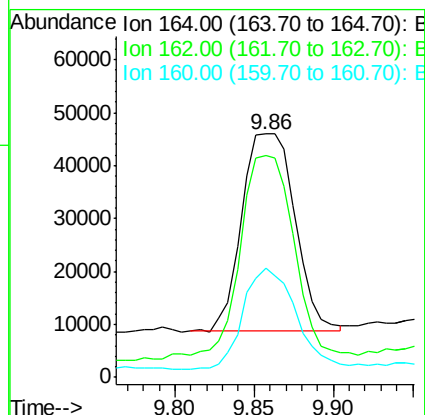
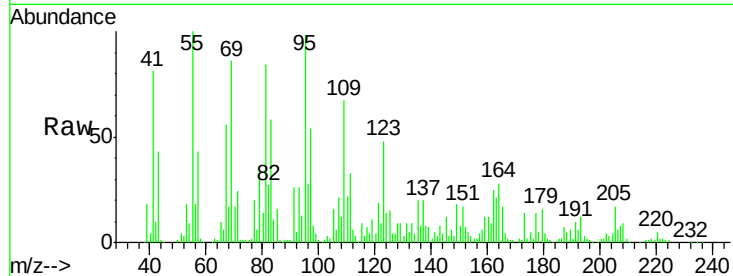




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.03 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

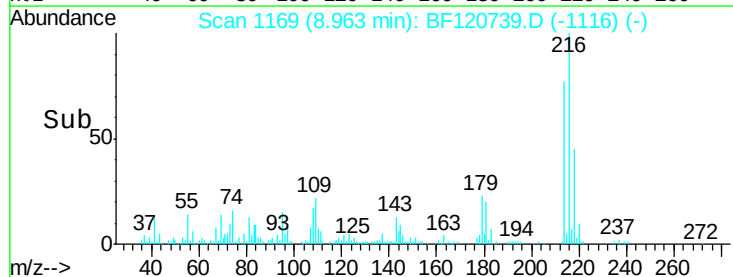
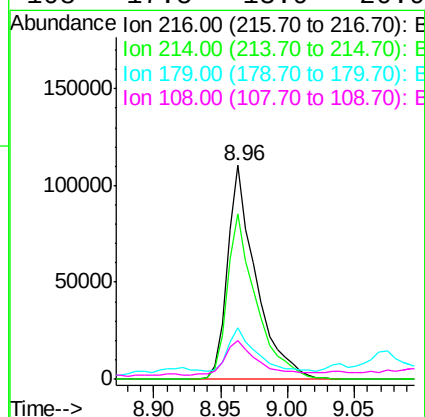
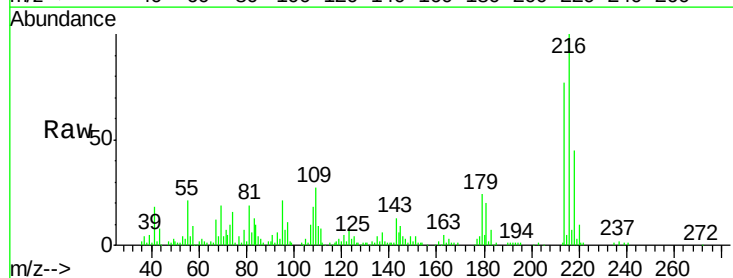
Instrument :
BNA_F
ClientSampleId :
78-64MS

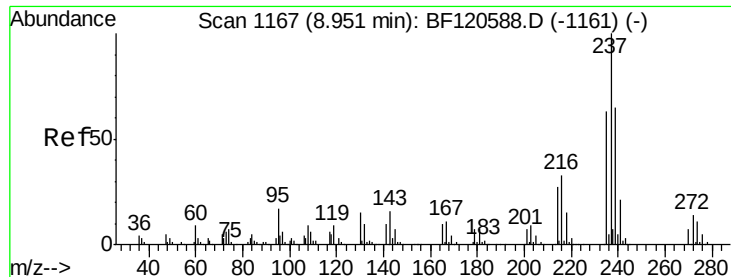
Tot Ion:164 Resp: 86603
Ion Ratio Lower Upper
164 100
162 91.0 81.4 122.0
160 44.8 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 63.387 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion:216 Resp: 163912
Ion Ratio Lower Upper
216 100
214 78.6 63.1 94.7
179 19.7 16.3 24.5
108 17.5 13.9 20.9

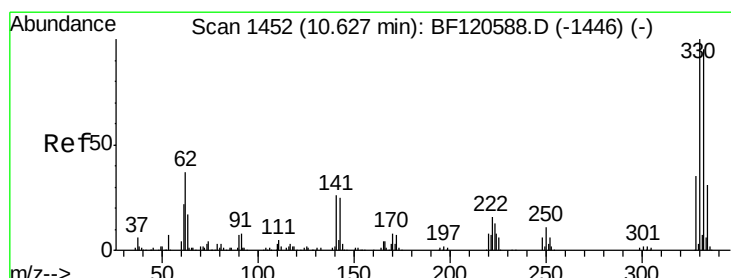
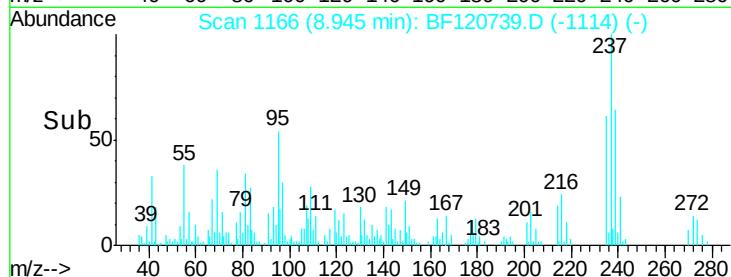
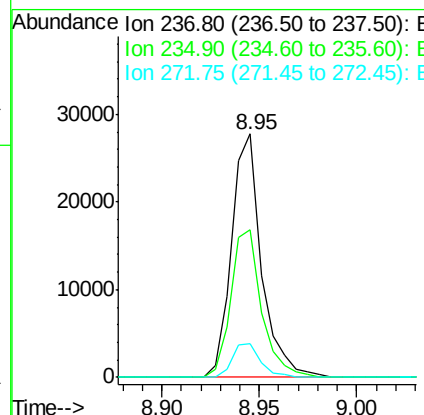
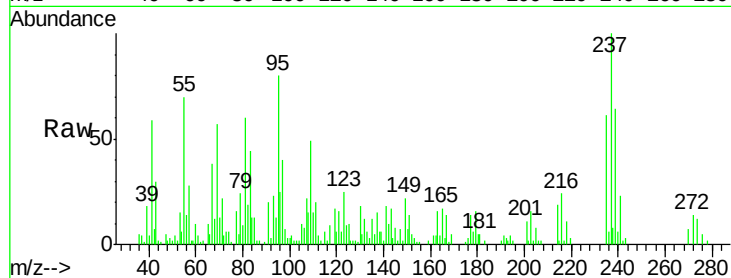




#41
Hexachlorocyclopentadiene
Concen: 20.376 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

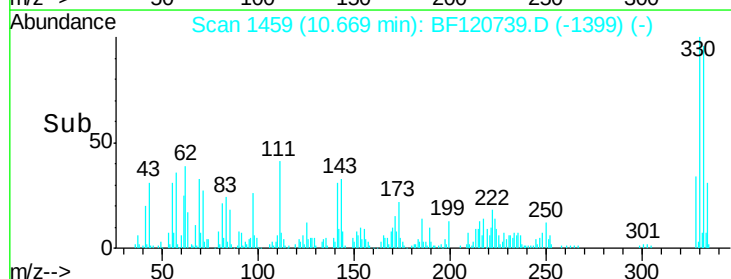
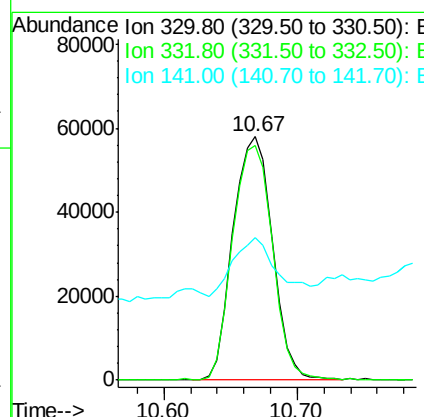
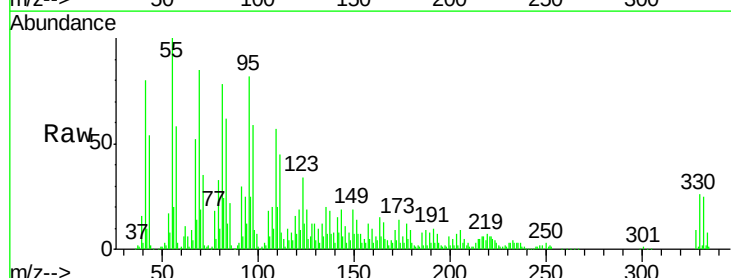
Instrument :
BNA_F
ClientSampleId :
78-64MS

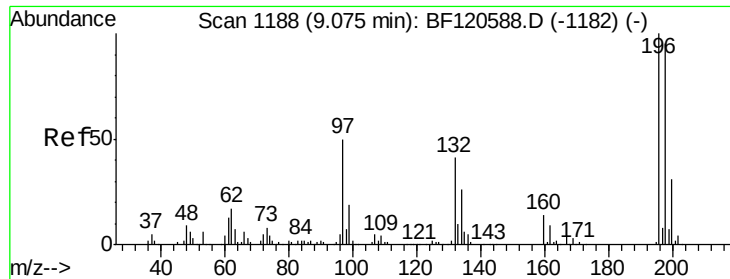
Tot Ion:237 Resp: 29526
Ion Ratio Lower Upper
237 100
235 60.8 42.2 82.2
272 13.7 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 118.640 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.05 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion:330 Resp: 119456
Ion Ratio Lower Upper
330 100
332 97.5 76.4 114.6
141 26.2 23.0 34.6

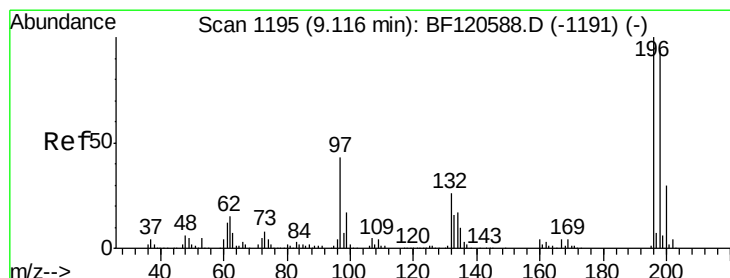
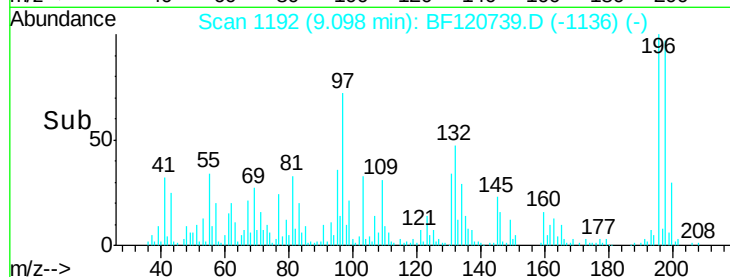
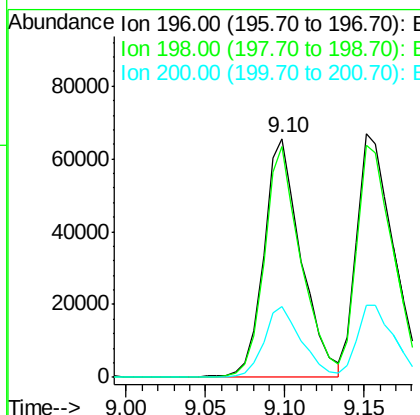
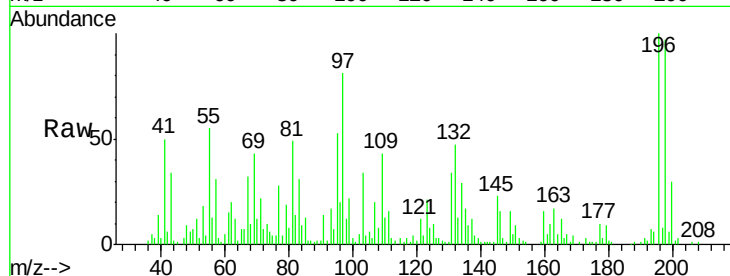




#43
 2,4,6-Trichlorophenol
 Concen: 58.789 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.03 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

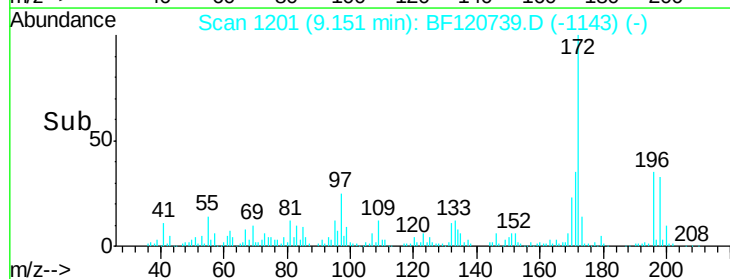
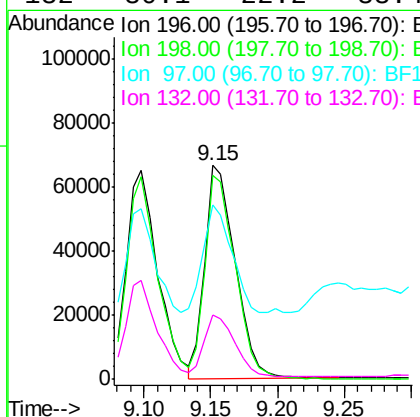
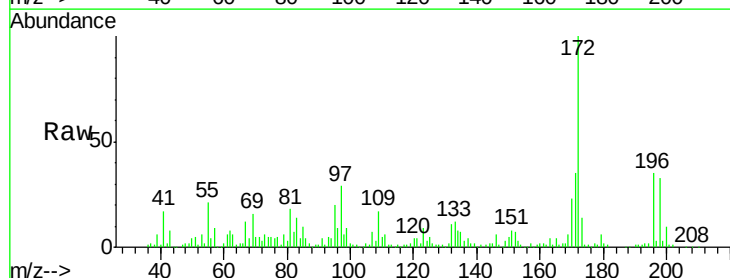
Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

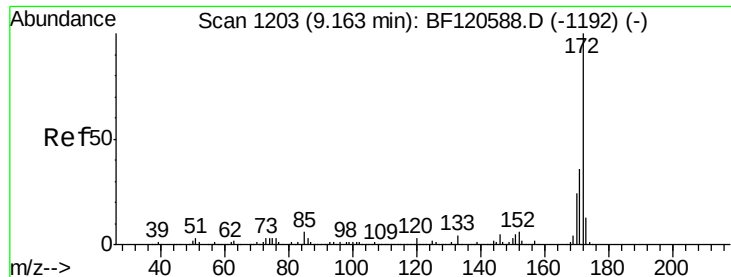
Tot Ion:196 Resp: 107839
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.8 116.6
 200 30.0 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 51.106 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.04 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion:196 Resp: 106356
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.2 114.2
 97 81.6 35.8 53.8#
 132 30.1 22.2 33.4

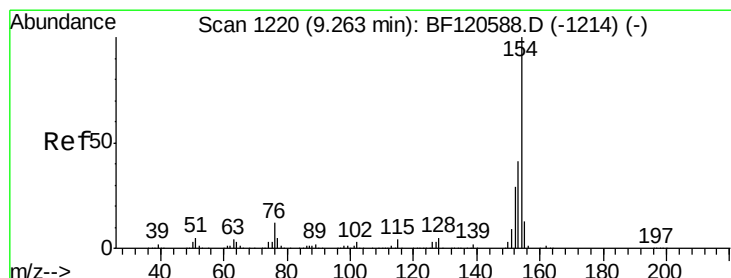
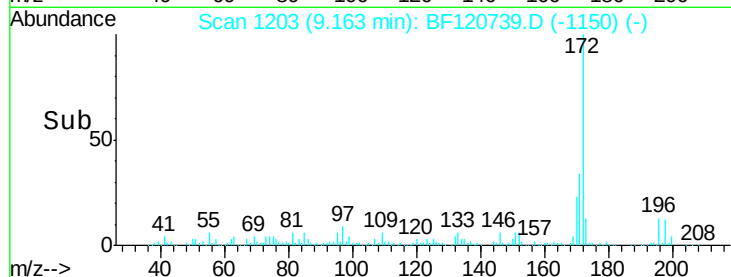
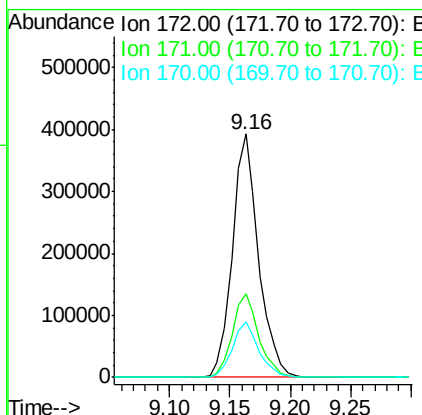
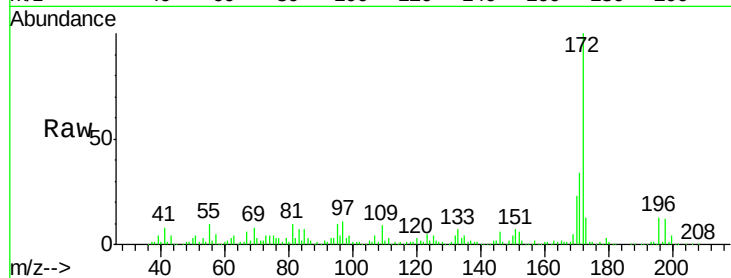




#45
2-Fluorobiphenyl
Concen: 104.302 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

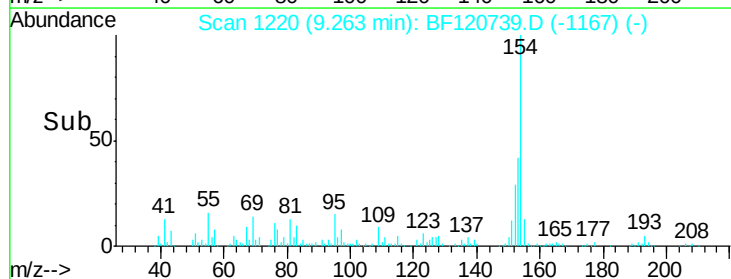
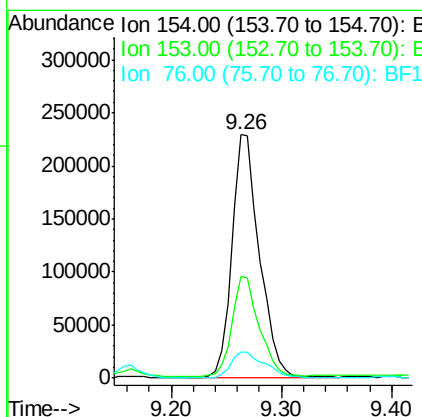
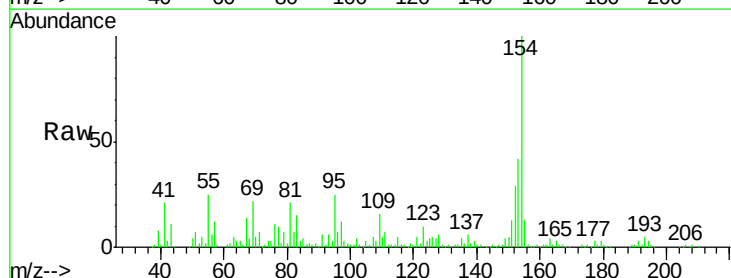
Instrument :
BNA_F
ClientSampleId :
78-64MS

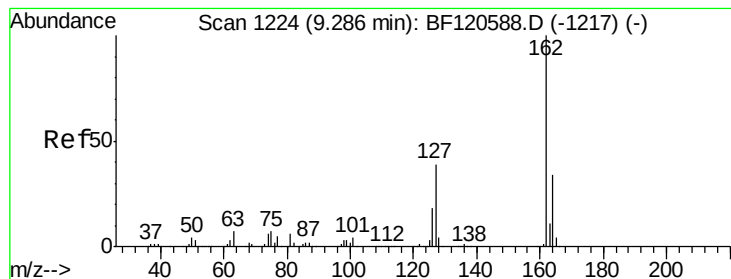
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.6	43.0
170	22.7	19.1	28.7



#46
1,1'-Biphenyl
Concen: 61.553 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	19.9	59.9
76	10.9	0.0	31.0





#47

2-Chloronaphthalene

Concen: 57.225 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.02 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

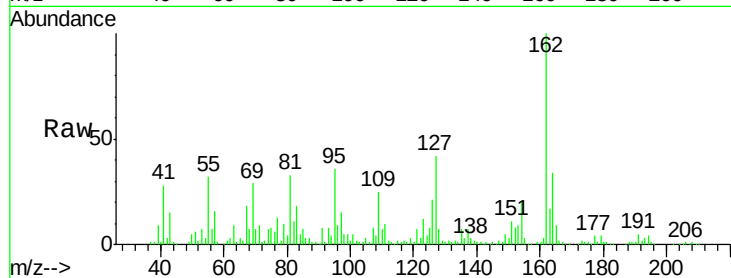
Tot Ion:162 Resp: 302609

Ion Ratio Lower Upper

162 100

127 42.2 31.2 46.8

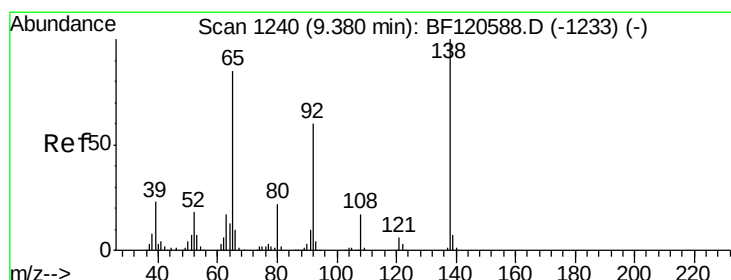
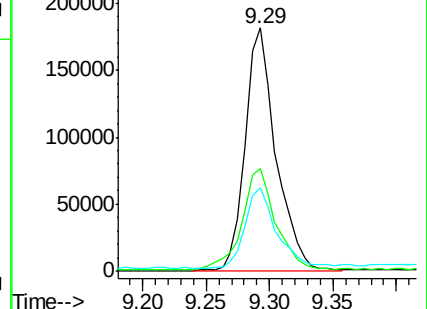
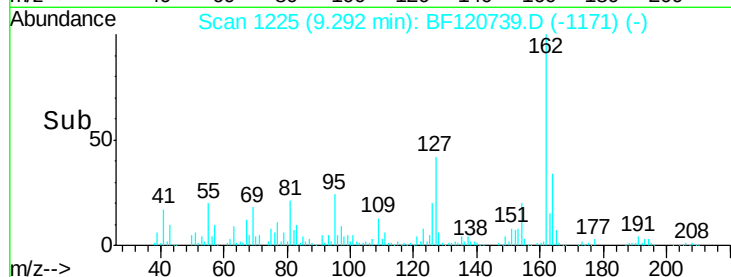
164 34.2 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 57.882 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.02 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

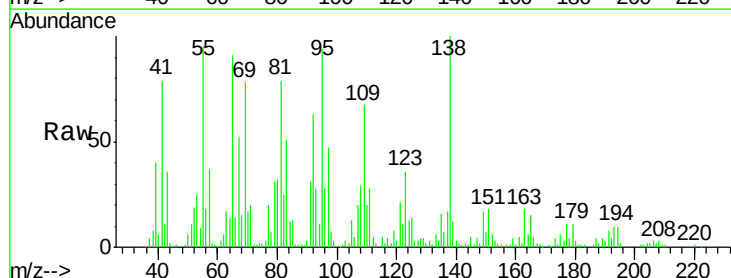
Tgt Ion: 65 Resp: 96131

Ion Ratio Lower Upper

65 100

92 68.9 57.7 86.5

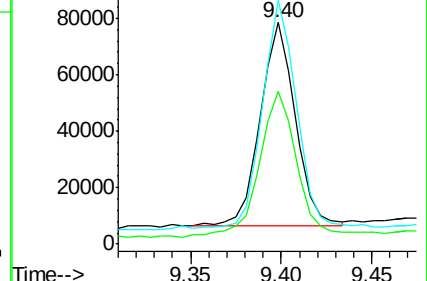
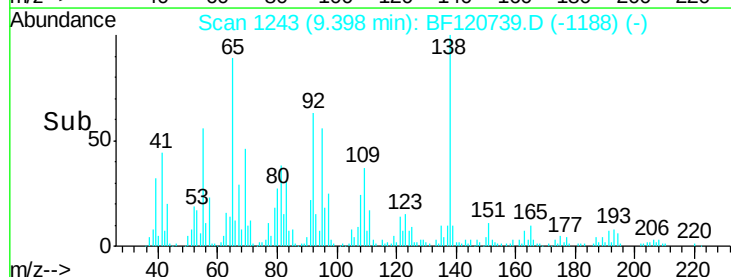
138 110.0 96.6 145.0

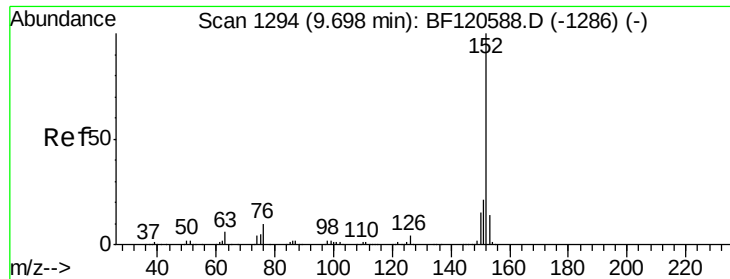


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 55.631 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.04 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

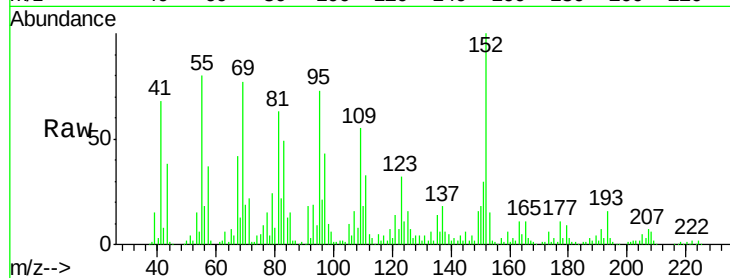
Tot Ion:152 Resp: 454016

Ion Ratio Lower Upper

152 100

151 30.5 15.8 23.8#

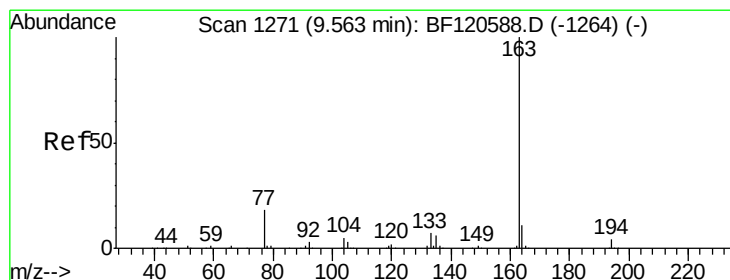
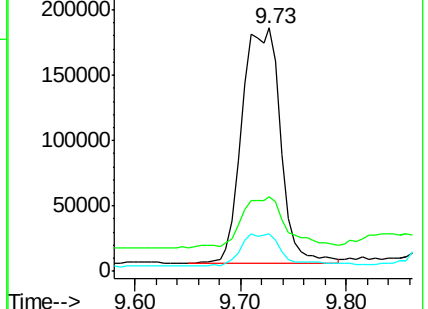
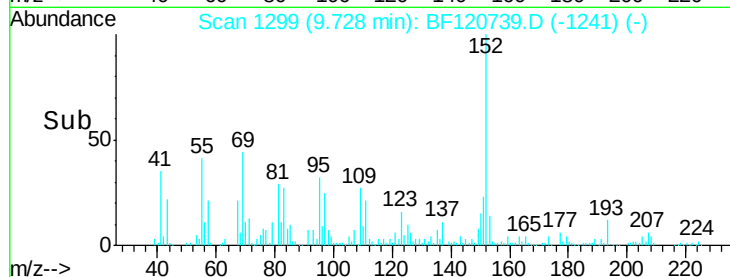
153 15.4 10.9 16.3



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: 73.025 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.02 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

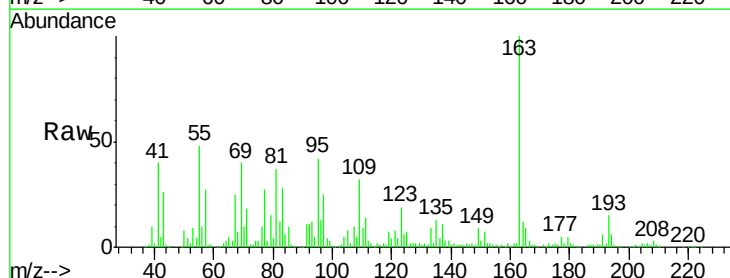
Tgt Ion:163 Resp: 455467

Ion Ratio Lower Upper

163 100

194 6.5 3.0 4.6#

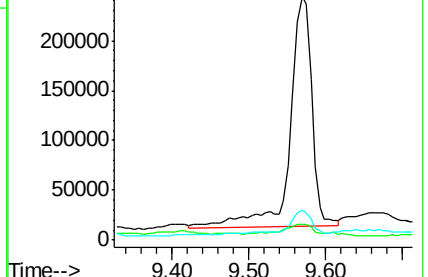
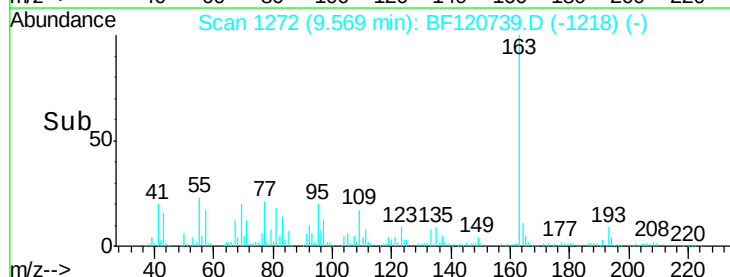
164 12.1 8.2 12.2

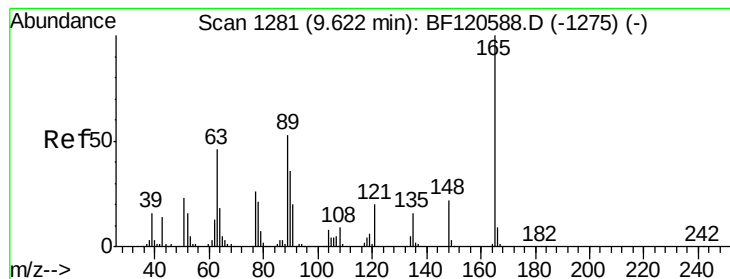


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 61.442 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.02 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

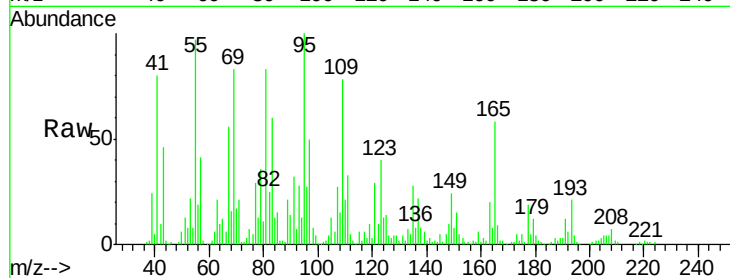
Tot Ion:165 Resp: 86850

Ion Ratio Lower Upper

165 100

63 37.0 36.8 55.2

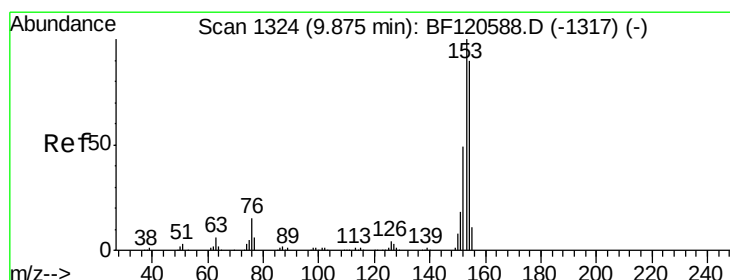
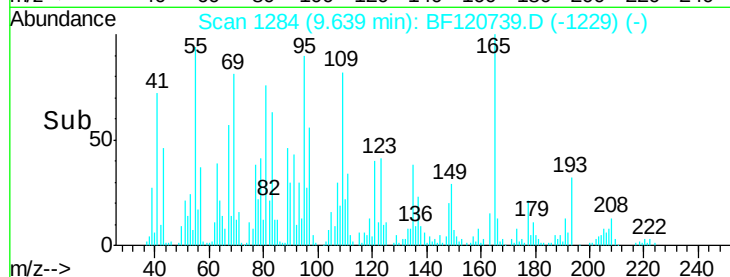
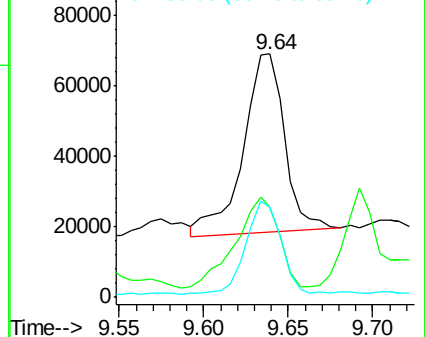
89 36.9 39.4 59.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 51.063 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.03 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

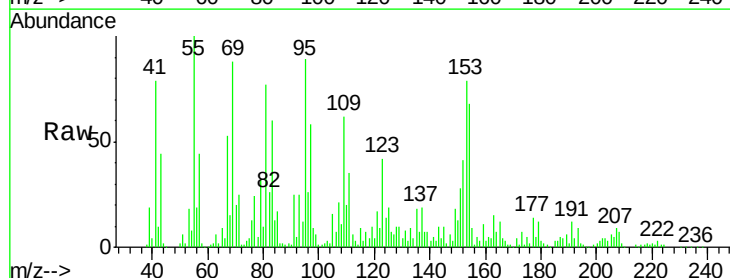
Tgt Ion:154 Resp: 248539

Ion Ratio Lower Upper

154 100

153 116.6 90.1 135.1

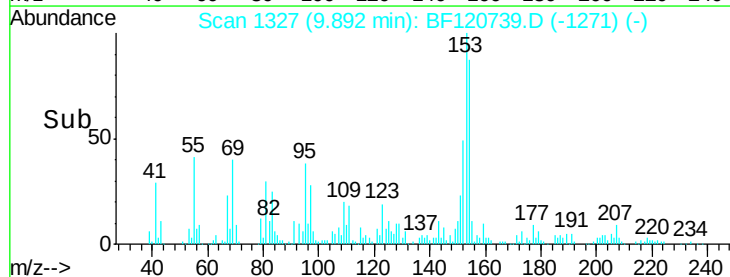
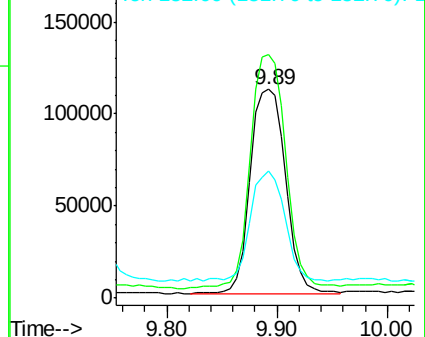
152 60.9 43.1 64.7

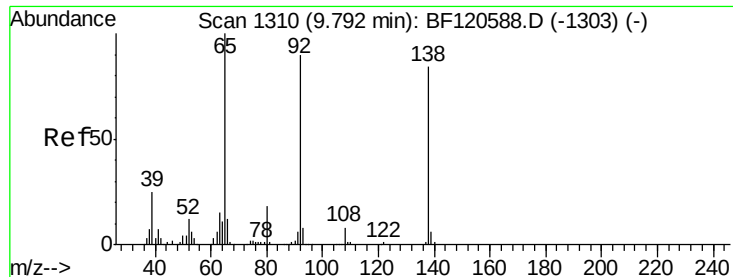


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

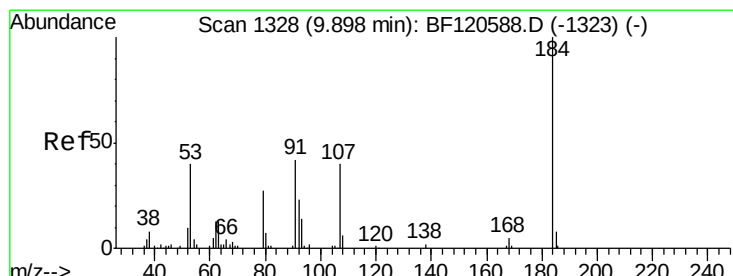
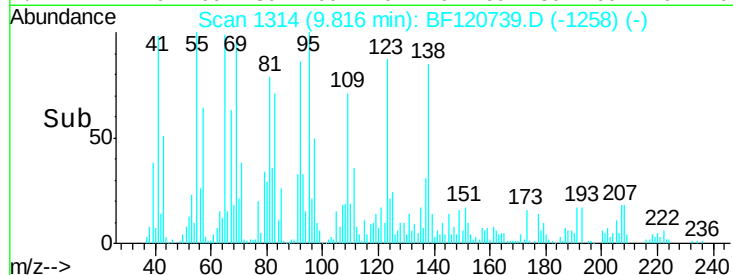
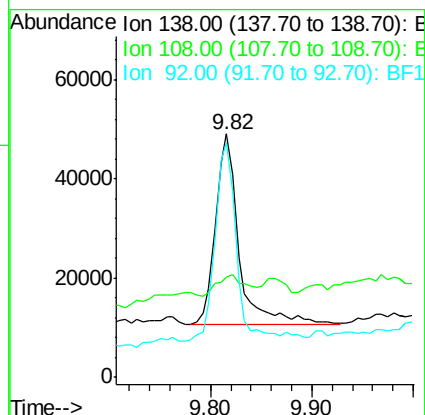
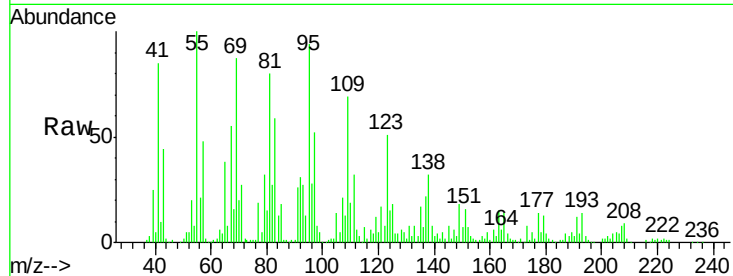




#53
3-Nitroaniline
Concen: 36.820 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.03 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

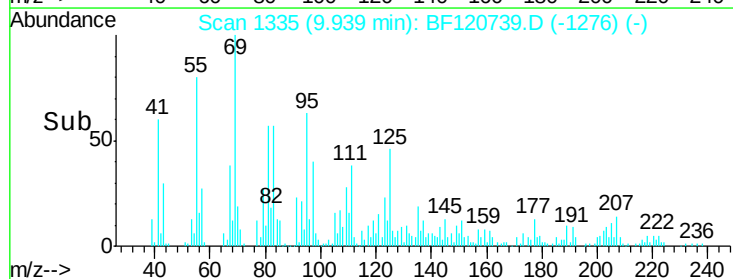
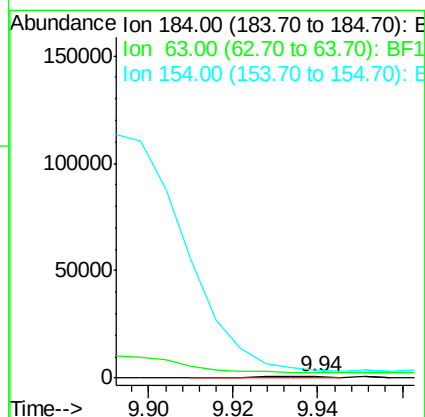
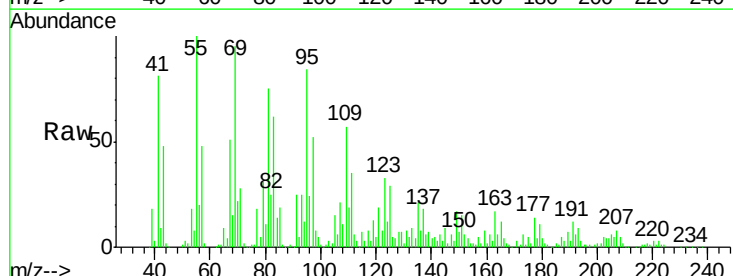
Instrument :
BNA_F
ClientSampleId :
78-64MS

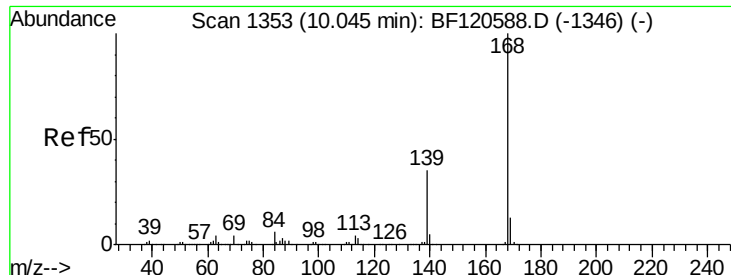
Tot Ion:138 Resp: 62512
Ion Ratio Lower Upper
138 100
108 41.0 7.6 11.4#
92 96.5 82.2 123.4



#54
2,4-Dinitrophenol
Concen: 4.018 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.05 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion:184 Resp: 824
Ion Ratio Lower Upper
184 100
63 459.9 47.4 71.0#
154 685.9 45.3 67.9#





#55

Dibenzenofuran

Concen: 49.244 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.04 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

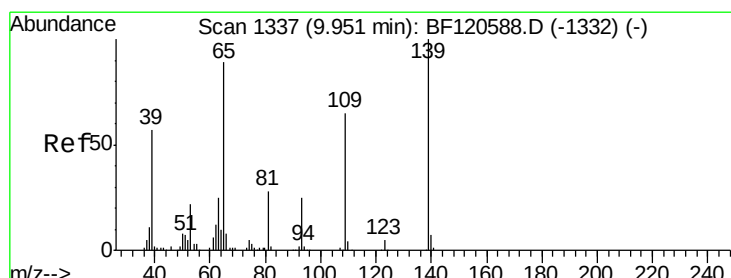
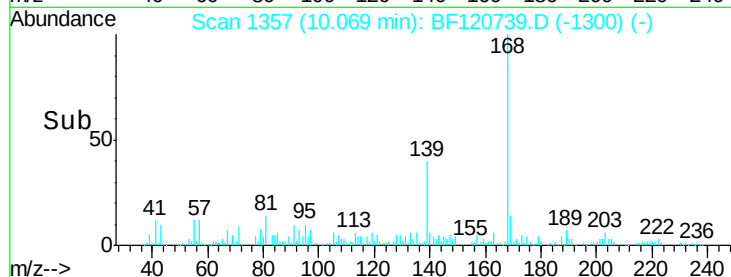
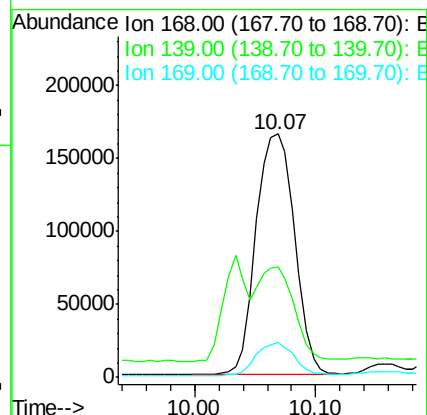
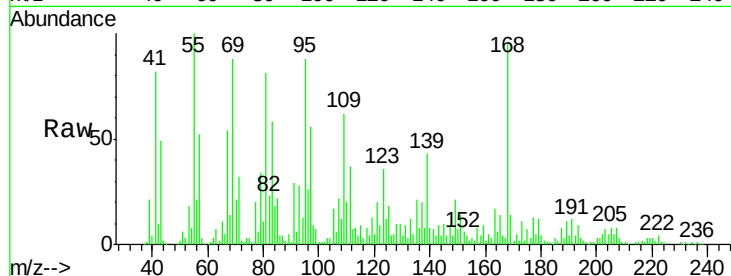
Tot Ion:168 Resp: 367519

Ion Ratio Lower Upper

168 100

139 45.5 28.6 43.0#

169 14.4 10.7 16.1



#56

4-Nitrophenol

Concen: 76.565 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.08 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

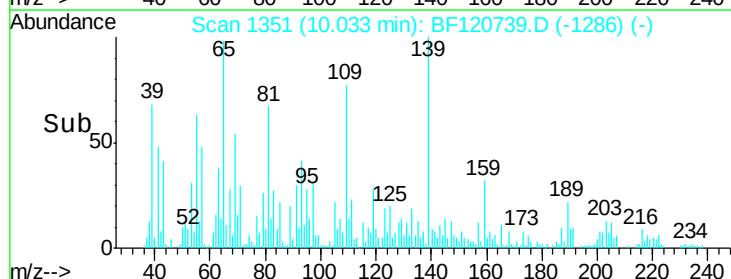
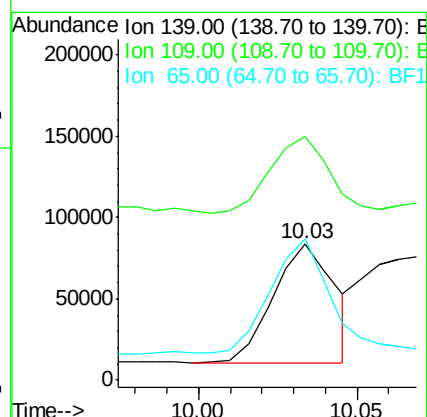
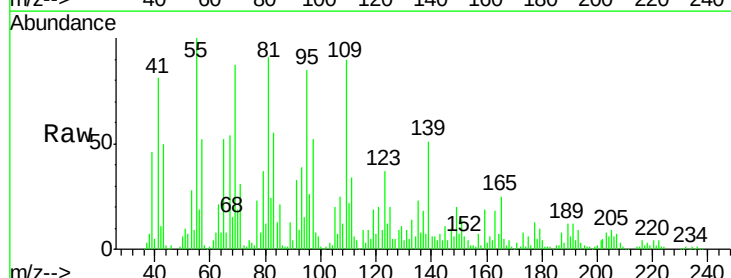
Tgt Ion:139 Resp: 97902

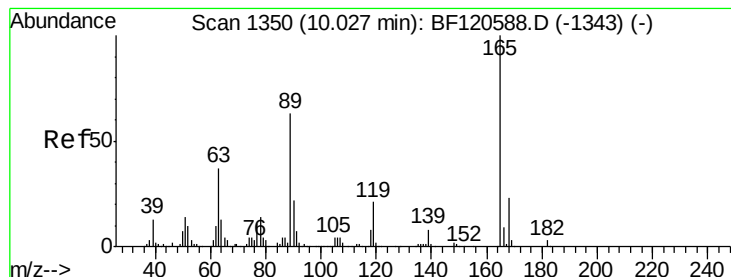
Ion Ratio Lower Upper

139 100

109 178.9 44.5 84.5#

65 103.4 69.7 109.7





#57

2,4-Dinitrotoluene

Concen: 41.586 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.02 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

Tot Ion:165 Resp: 78001

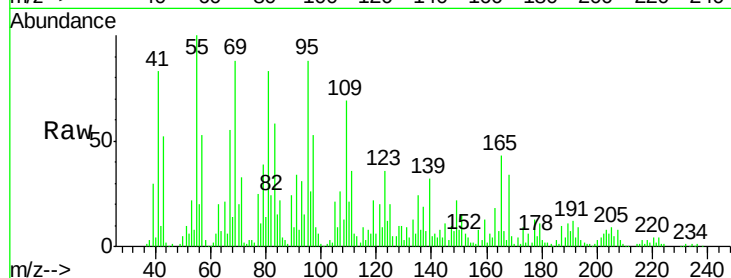
Ion Ratio Lower Upper

165 100

63 46.4 30.1 45.1#

89 56.6 49.2 73.8

182 4.3 2.0 3.0#

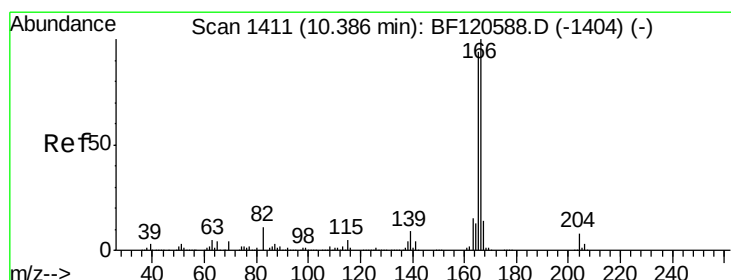
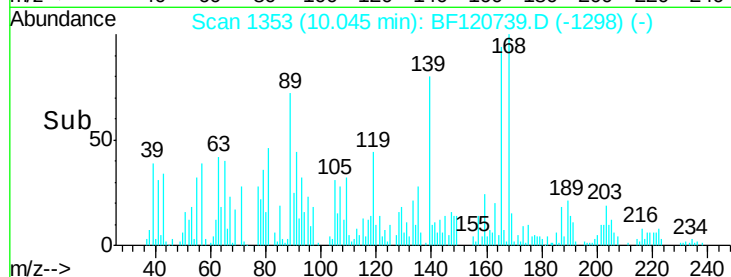
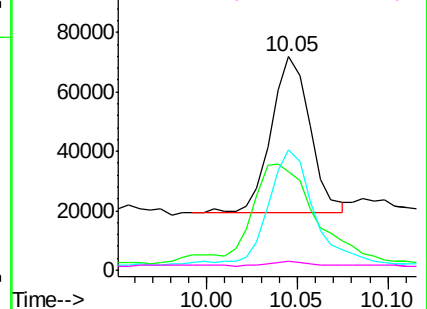


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.905 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.05 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

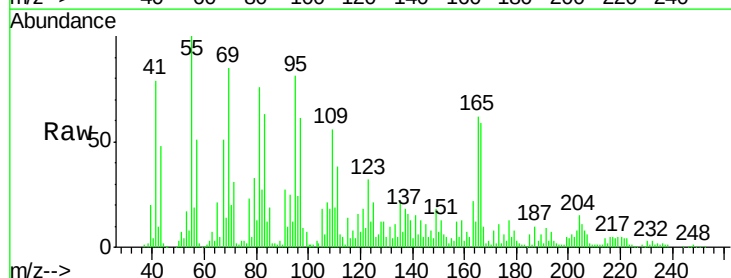
Tgt Ion:166 Resp: 269859

Ion Ratio Lower Upper

166 100

165 105.1 74.6 112.0

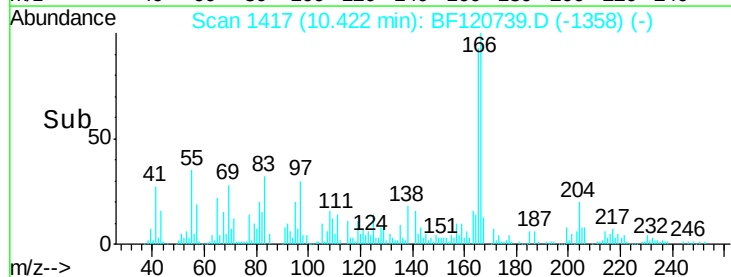
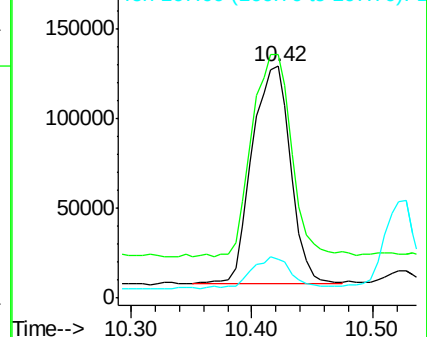
167 16.9 10.9 16.3#

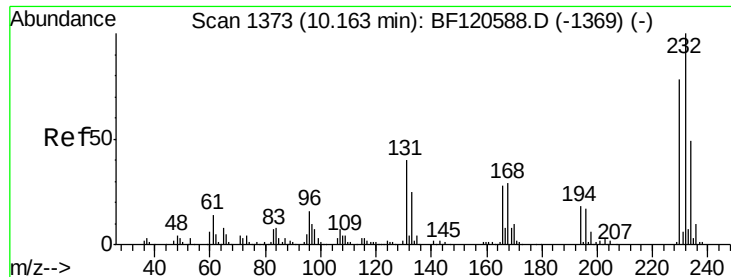


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

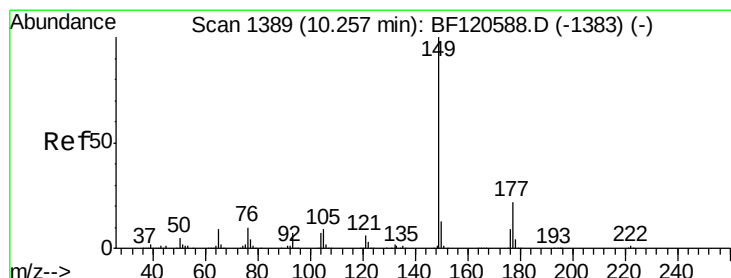
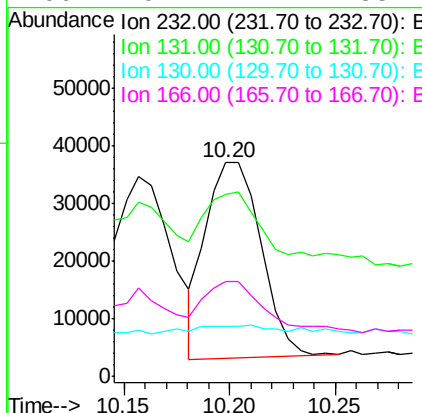
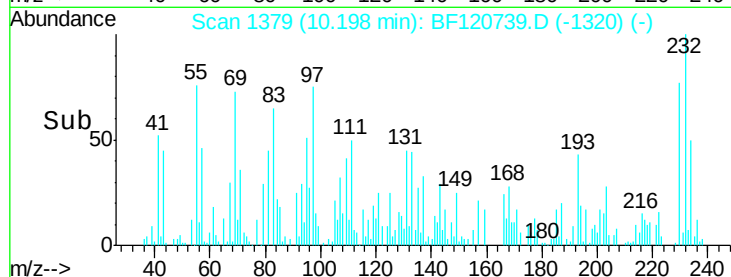
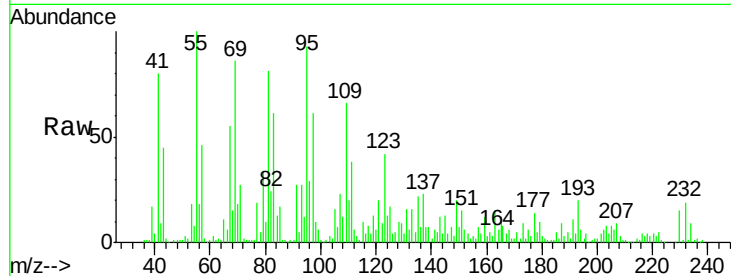




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.637 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.05 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

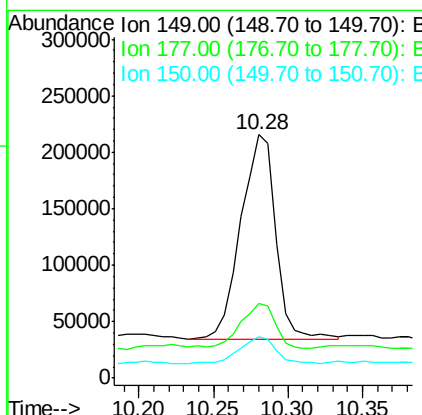
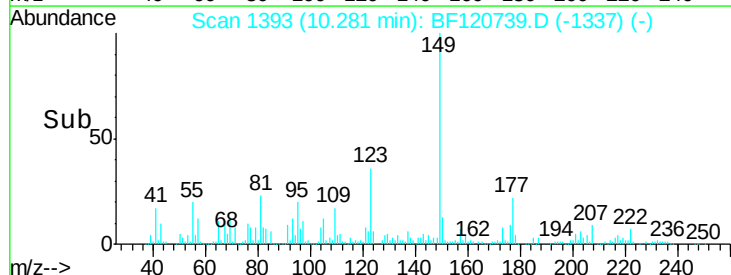
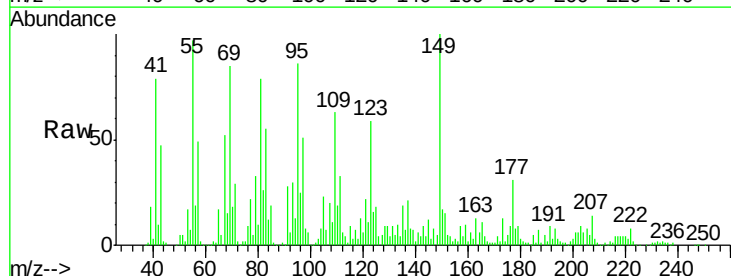
Instrument :
 BNA_F
 ClientSampled :
 78-64MS

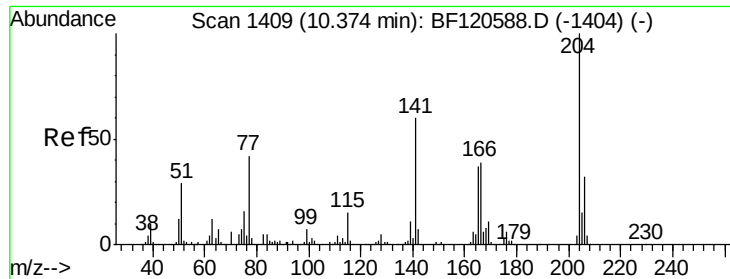
Tot Ion:232 Resp: 61621
 Ion Ratio Lower Upper
 232 100
 131 47.4 32.4 48.6
 130 0.0 1.4 2.2#
 166 29.1 22.1 33.1



#60
 Diethylphthalate
 Concen: 47.515 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.03 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion:149 Resp: 291882
 Ion Ratio Lower Upper
 149 100
 177 30.7 18.0 27.0#
 150 17.1 9.8 14.6#

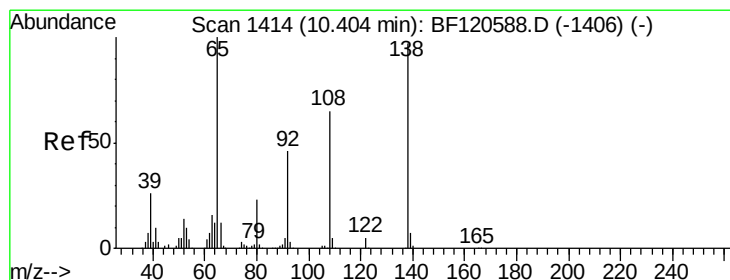
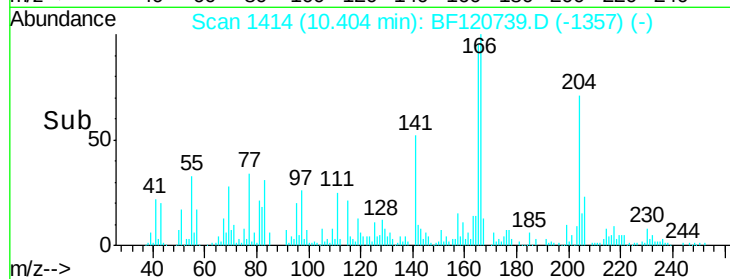
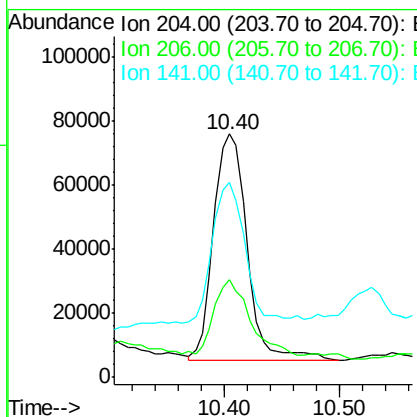
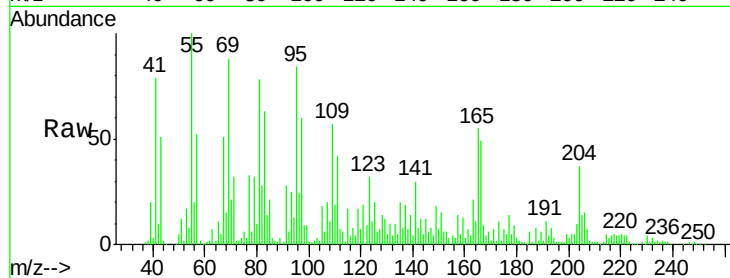




#61
 4-Chlorophenyl-phenylether
 Concen: 48.066 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.04 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

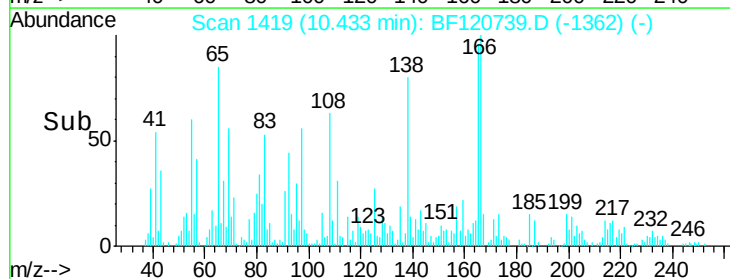
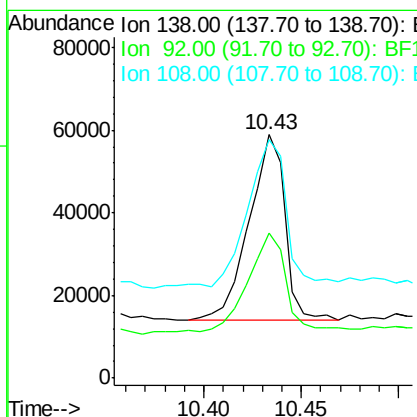
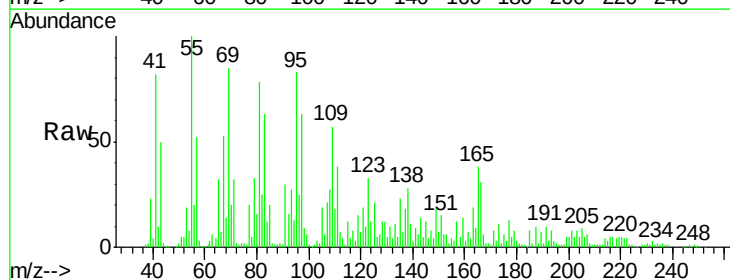
Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

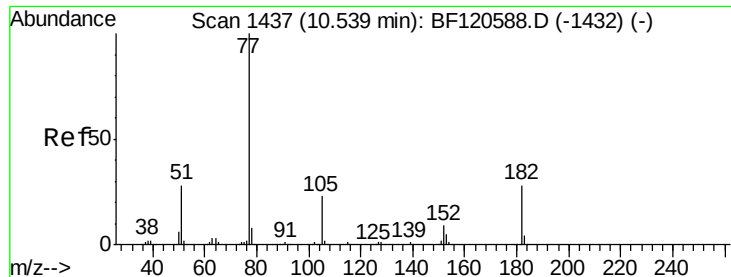
Tot Ion:204 Resp: 142809
 Ion Ratio Lower Upper
 204 100
 206 40.3 26.4 39.6#
 141 80.3 42.9 64.3#



#62
 4-Nitroaniline
 Concen: 34.194 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.04 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion:138 Resp: 57633
 Ion Ratio Lower Upper
 138 100
 92 59.5 26.4 66.4
 108 98.0 45.5 85.5#

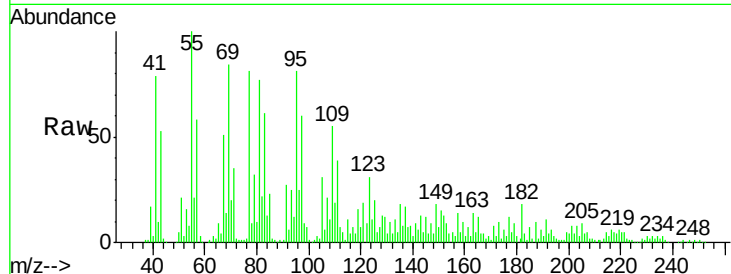




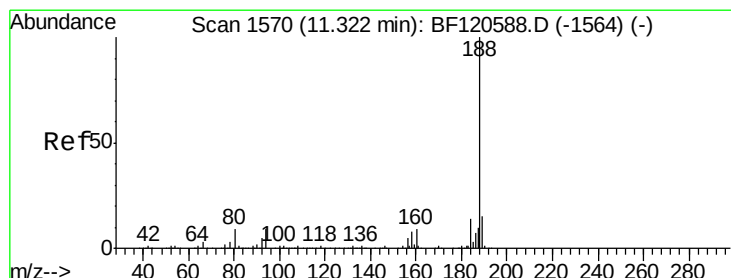
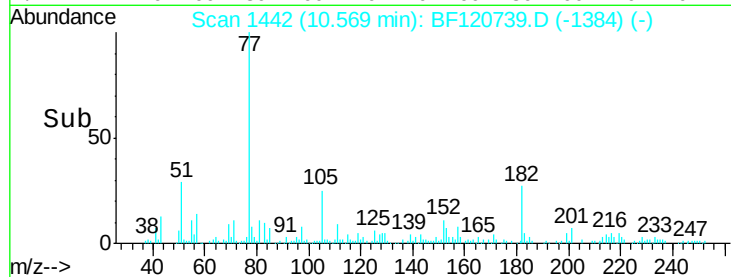
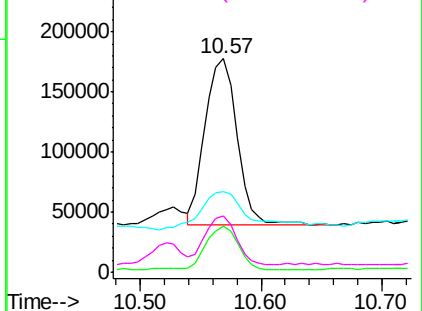
#63
Azobenzene
Concen: 45.881 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.04 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Instrument :
BNA_F
ClientSampleId :
78-64MS

Tot Ion:	77	Resp:	255839
Ion	Ratio	Lower	Upper
77	100		
182	21.8	7.6	47.6
105	38.0	3.9	43.9
51	26.3	8.8	48.8

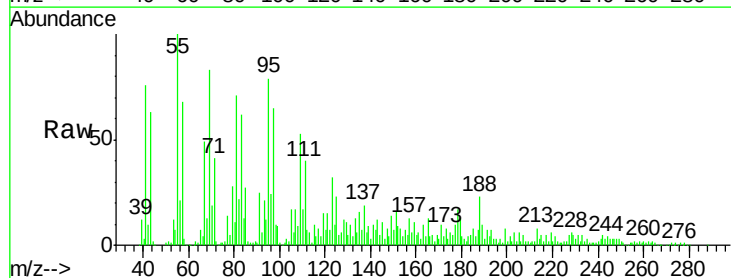


Abundance Ion 77.00 (76.70 to 77.70): BF1

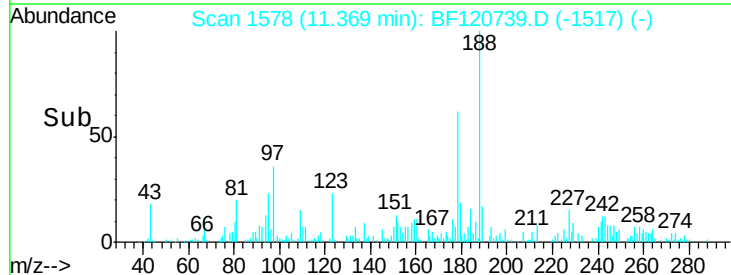
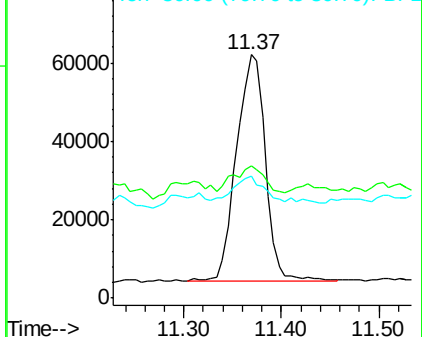


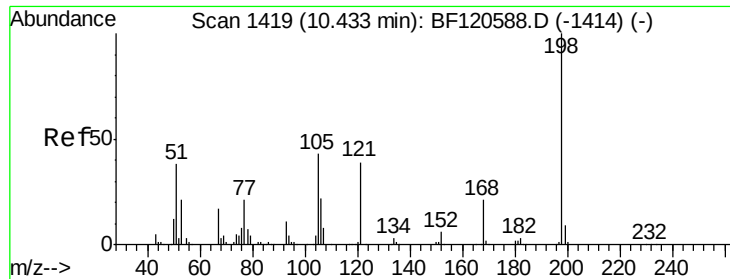
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.06 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion:	188	Resp:	118561
Ion	Ratio	Lower	Upper
188	100		
94	54.4	7.5	11.3#
80	50.2	7.7	11.5#



Abundance Ion 188.00 (187.70 to 188.70): BF1

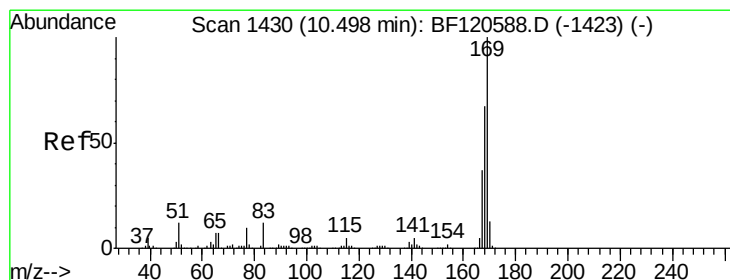
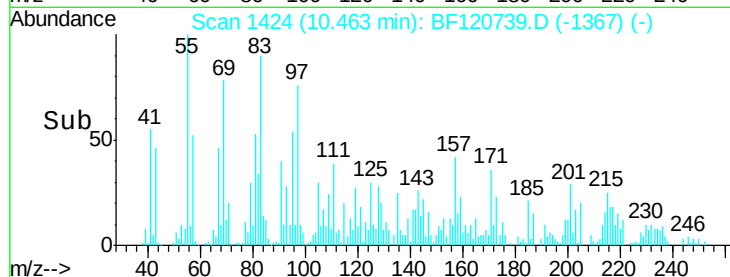
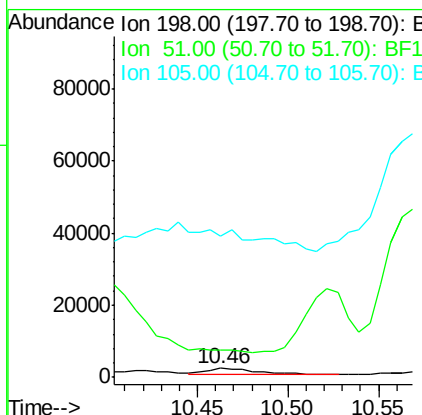
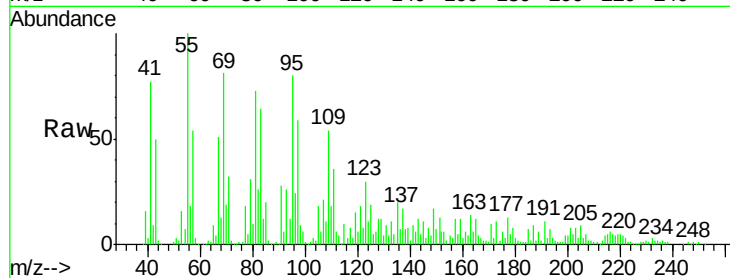




#65
4,6-Dinitro-2-methylphenol
Concen: 4.477 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.04 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

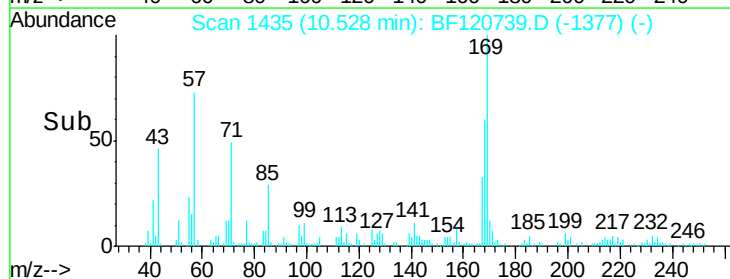
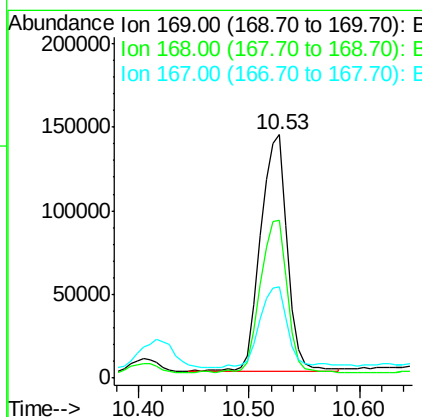
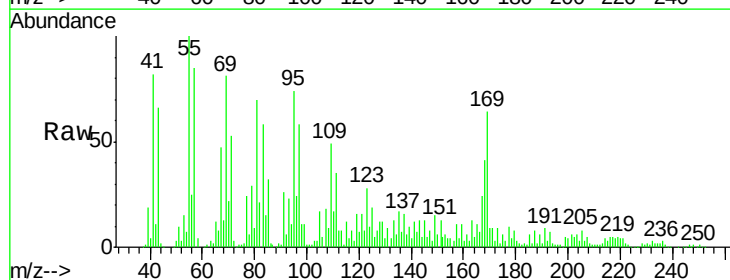
Instrument :
BNA_F
ClientSampled :
78-64MS

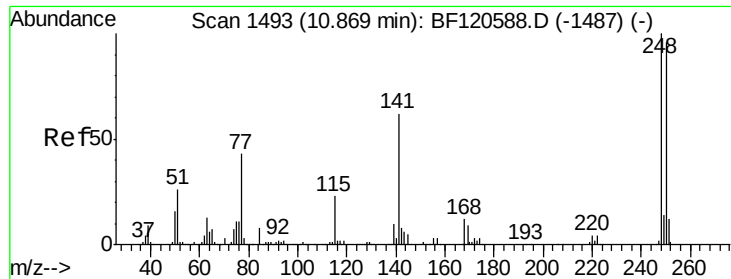
Tot Ion:198 Resp: 3185
Ion Ratio Lower Upper
198 100
51 300.4 23.6 63.6#
105 1545.4 24.0 64.0#



#66
n-Nitrosodiphenylamine
Concen: 66.245 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.04 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion:169 Resp: 241191
Ion Ratio Lower Upper
169 100
168 64.9 53.2 79.8
167 37.6 29.2 43.8

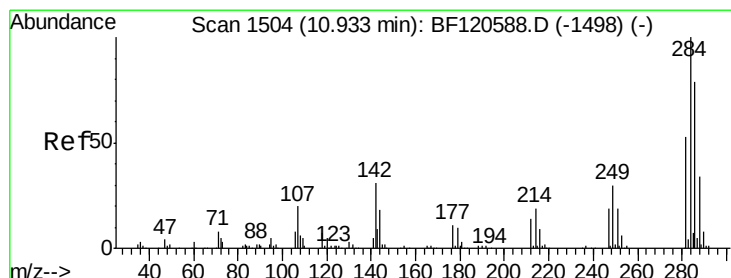
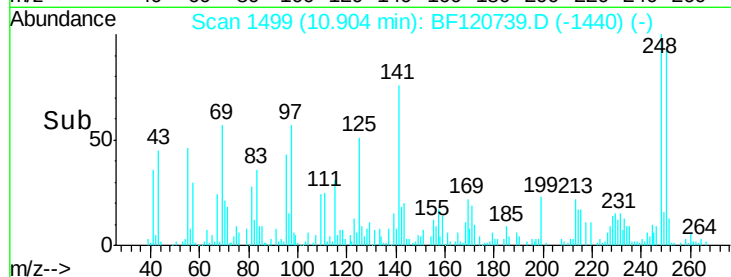
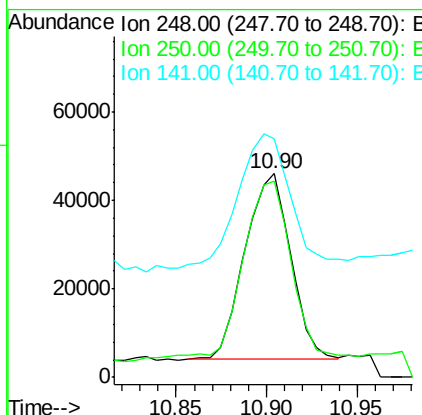
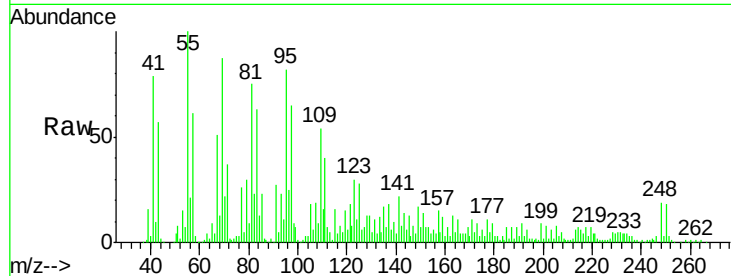




#67
 4-Bromophenyl-phenylether
 Concen: 54.593 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. 0.05 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

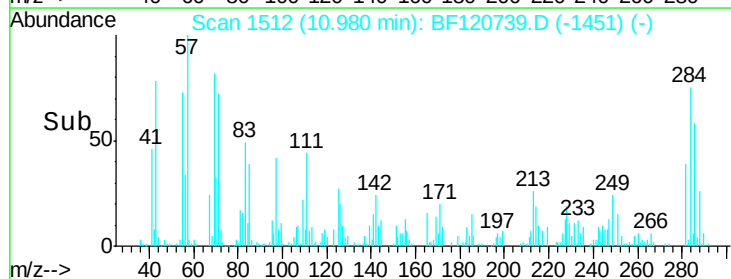
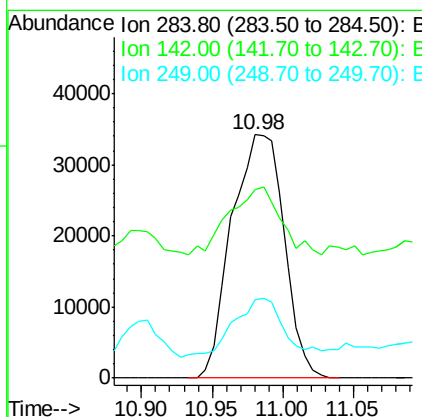
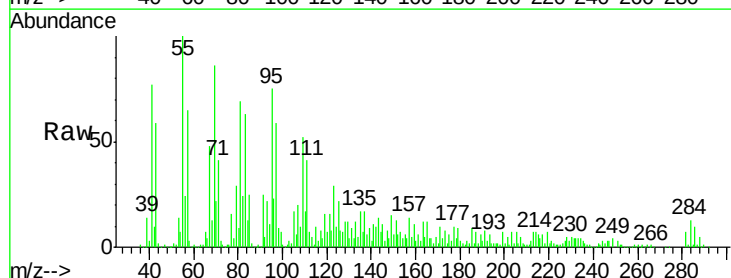
Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

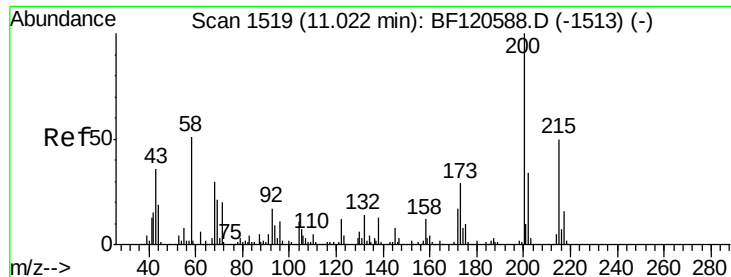
Tot Ion:248 Resp: 73459
 Ion Ratio Lower Upper
 248 100
 250 96.2 77.8 116.6
 141 116.8 52.0 78.0#



#68
 Hexachlorobenzene
 Concen: 61.454 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.06 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion:284 Resp: 88905
 Ion Ratio Lower Upper
 284 100
 142 77.2 26.7 40.1#
 249 32.1 24.0 36.0

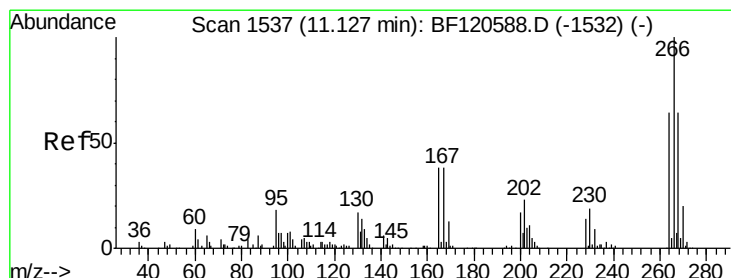
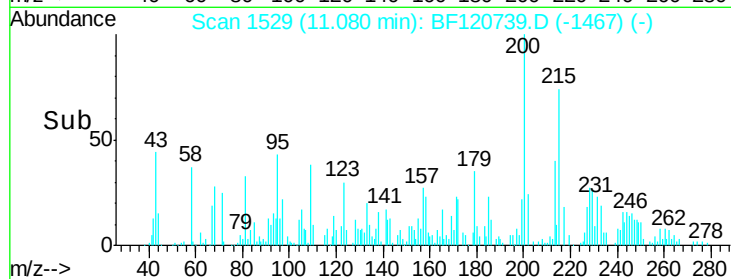
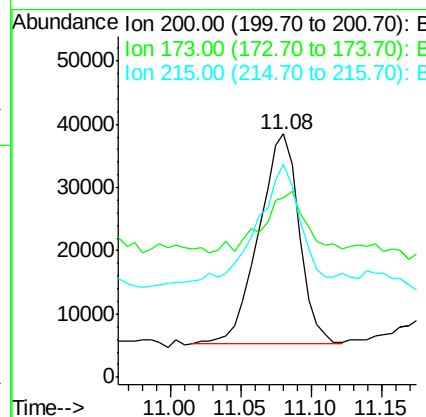
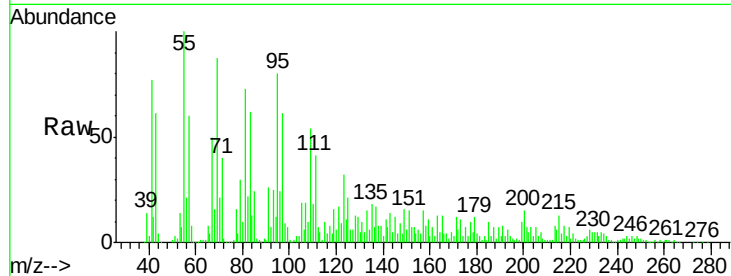




#69
 Atrazine
 Concen: 59.115 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.06 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

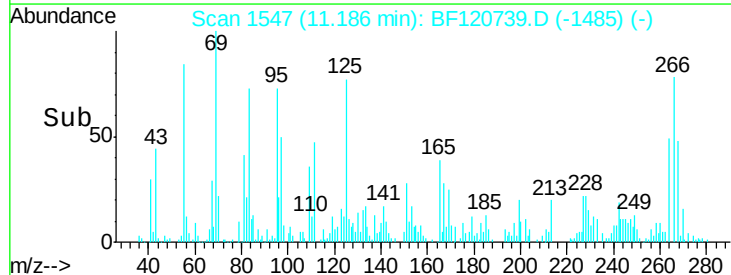
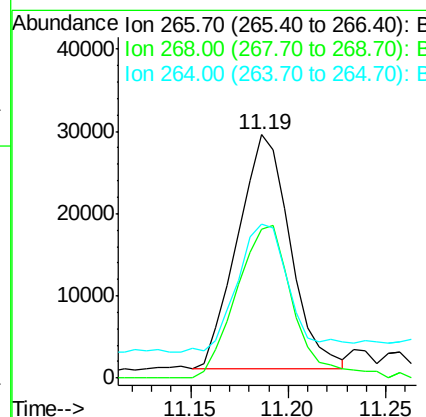
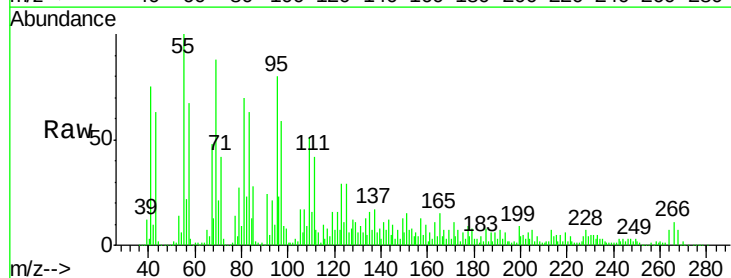
Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

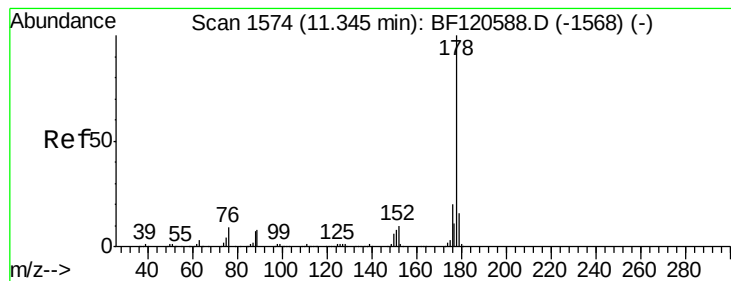
Tot Ion	Ratio	Lower	Upper
200	100		
173	73.5	6.7	46.7#
215	87.2	28.6	68.6#



#70
 Pentachlorophenol
 Concen: 65.829 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.06 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.0	51.8	77.6
264	63.2	51.3	76.9





#71

Phenanthrene

Concen: 57.023 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.06 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

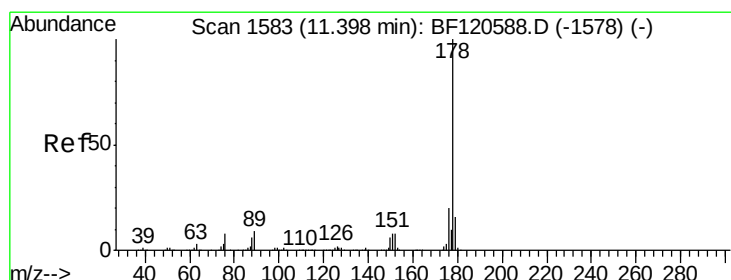
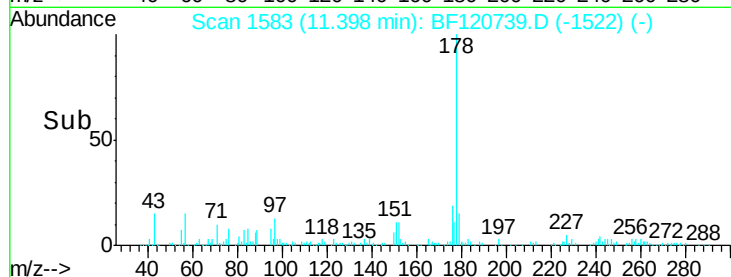
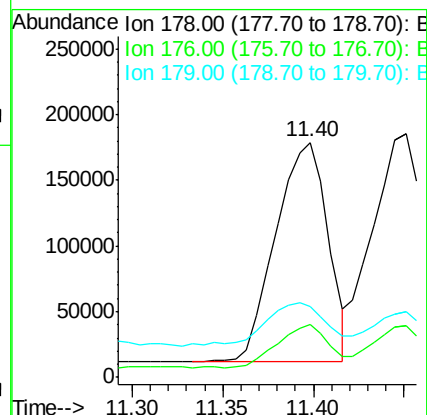
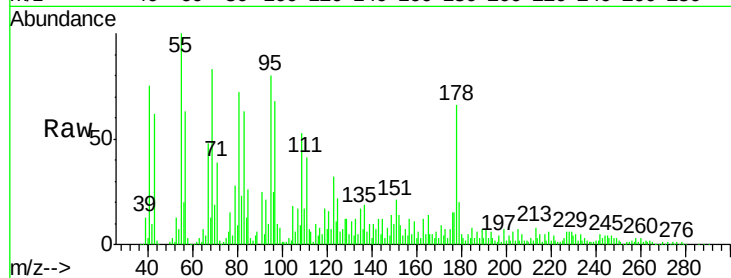
Tot Ion:178 Resp: 336070

Ion Ratio Lower Upper

178 100

176 22.4 15.8 23.6

179 30.4 12.3 18.5#



#72

Anthracene

Concen: 55.711 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.06 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

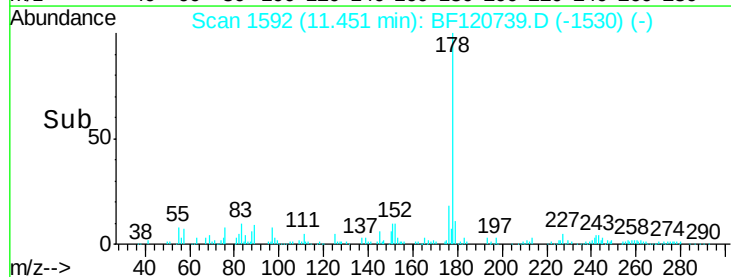
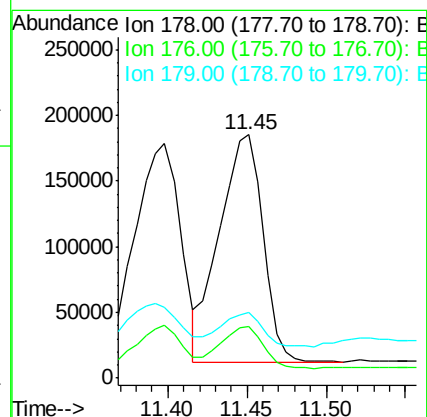
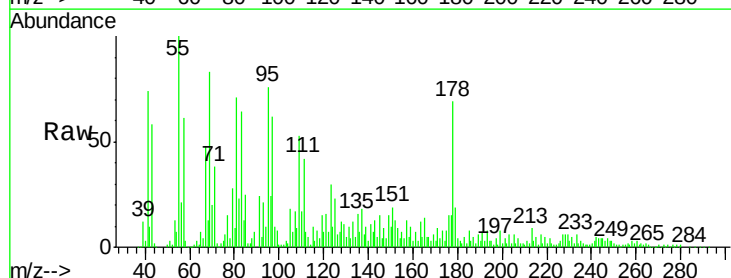
Tgt Ion:178 Resp: 330961

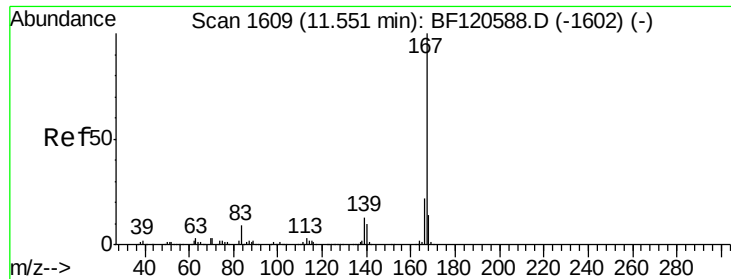
Ion Ratio Lower Upper

178 100

176 21.2 15.4 23.2

179 27.0 12.9 19.3#

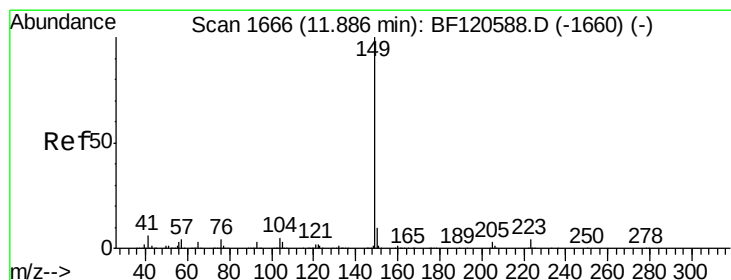
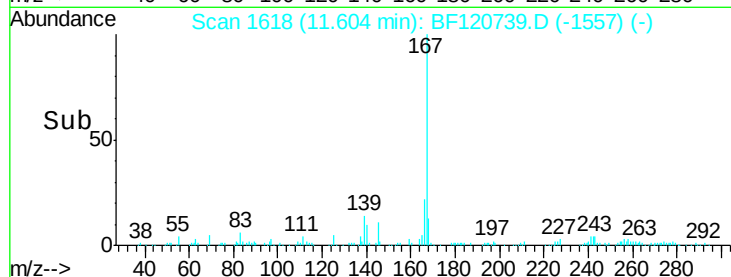
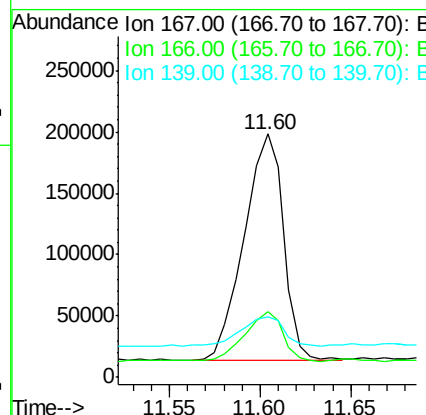
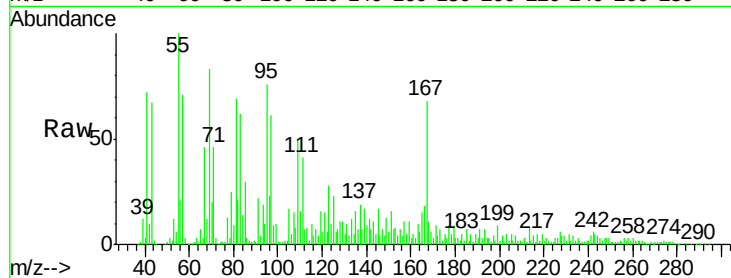




#73
 Carbazole
 Concen: 47.364 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.06 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

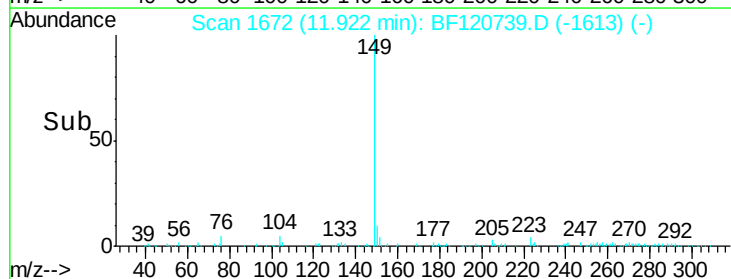
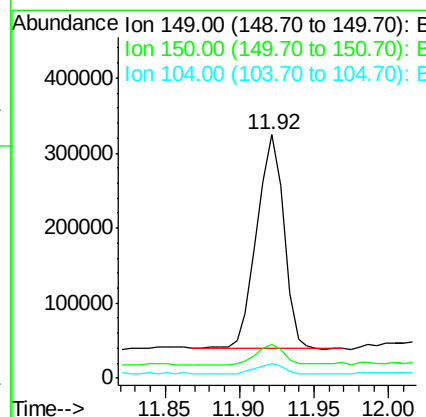
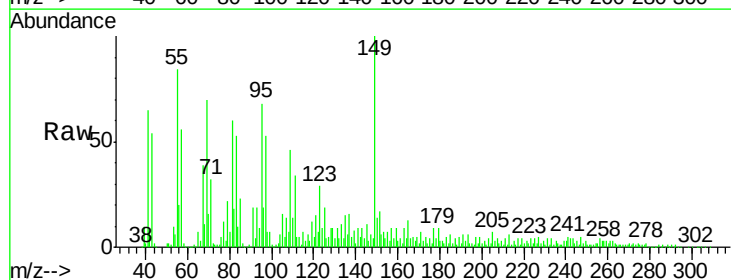
Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

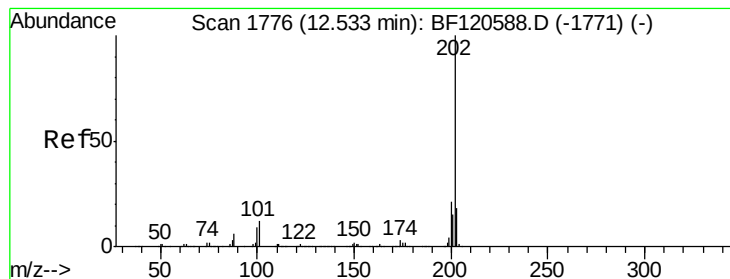
Tot Ion	Ratio	Lower	Upper
167	100		
166	26.9	17.7	26.5#
139	24.9	10.2	15.2#



#74
 Di-n-butylphthalate
 Concen: 54.230 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.05 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	13.9	7.5	11.3#
104	6.0	3.6	5.4#





#75

Fluoranthene

Concen: 79.174 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.06 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

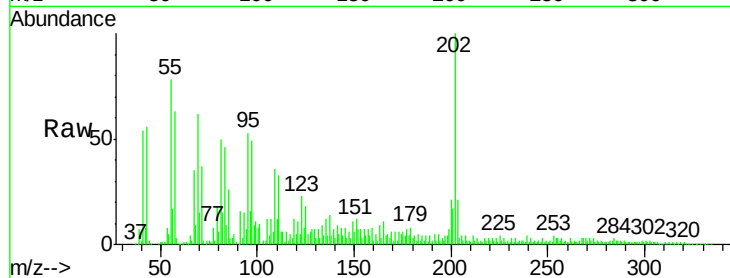
Instrument :

BNA_F

ClientSampleId :

78-64MS

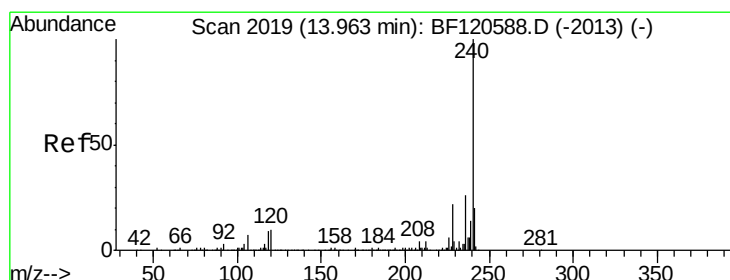
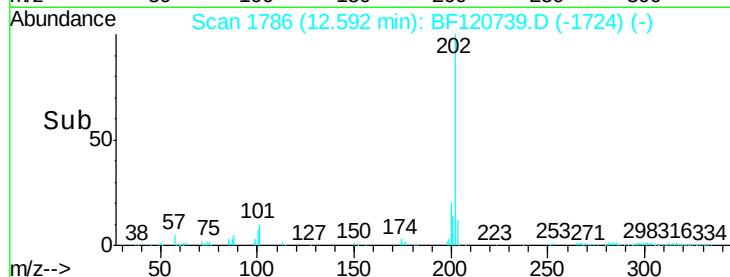
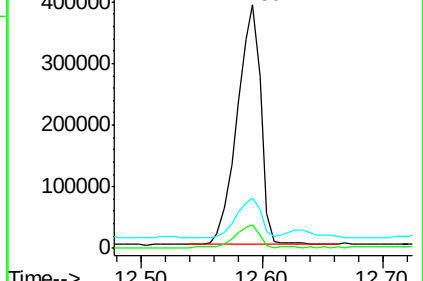
Tot Ion:	202	Resp:	533506
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.8
203	20.5	0.0	37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

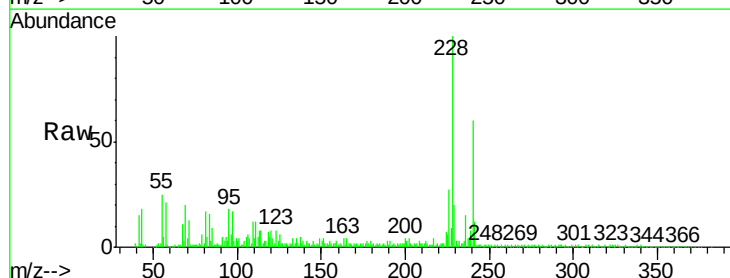
RT: 13.99 min Scan# 2023

Delta R.T. 0.03 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

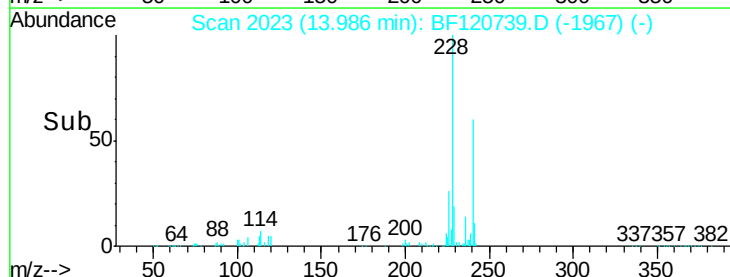
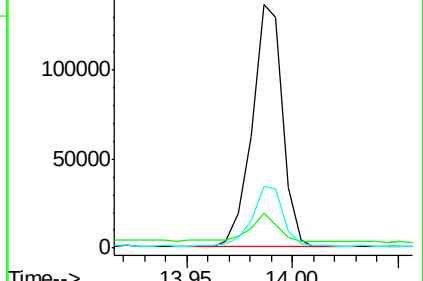
Tgt Ion:	240	Resp:	136482
Ion	Ratio	Lower	Upper
240	100		
120	14.1	7.6	11.4#
236	25.5	21.0	31.4

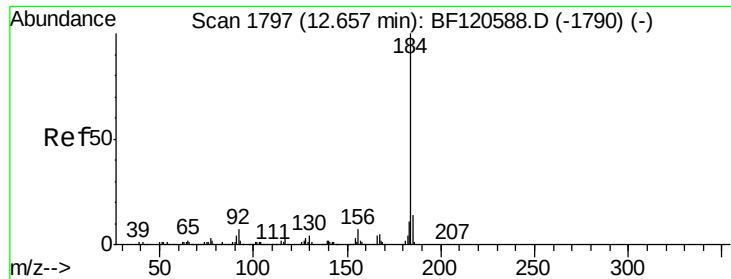


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

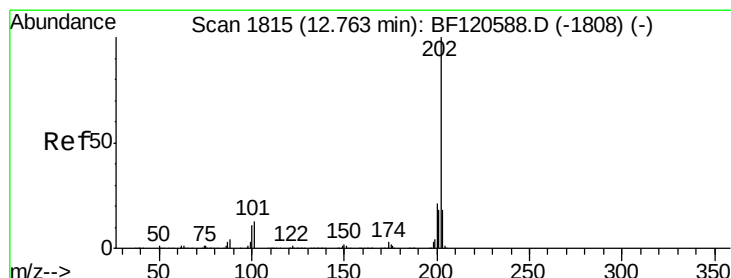
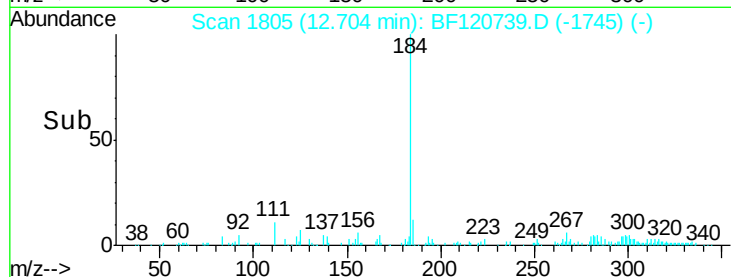
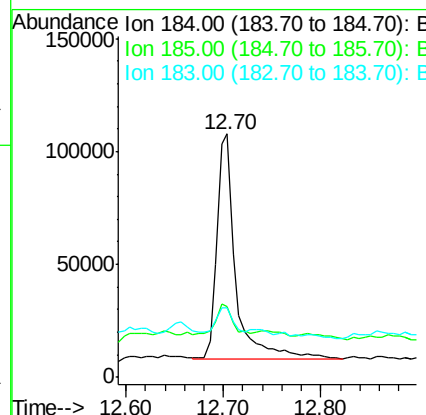
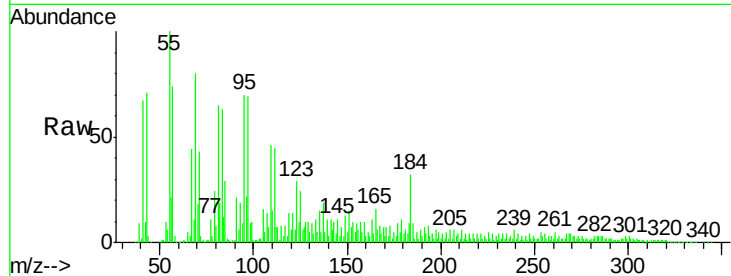




#77
Benzidine
Concen: 28.866 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.05 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

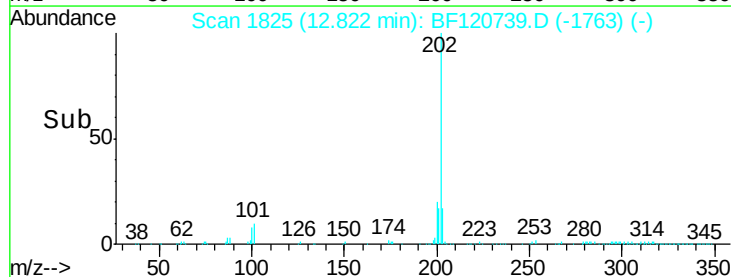
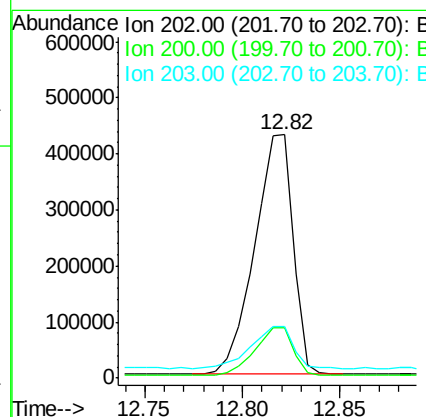
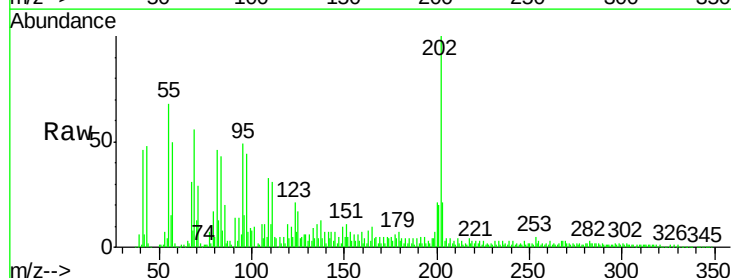
Instrument :
BNA_F
ClientSampleId :
78-64MS

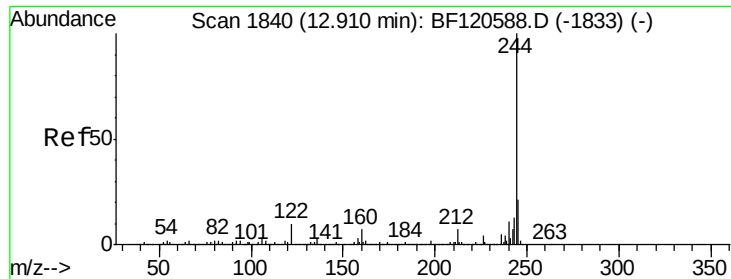
Tot Ion:184 Resp: 133239
Ion Ratio Lower Upper
184 100
185 29.2 11.9 17.9#
183 28.3 8.6 12.8#



#78
Pyrene
Concen: 60.352 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.06 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion:202 Resp: 583518
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 21.0 14.2 21.2





#79

Terphenyl-d14

Concen: 114.166 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.05 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampled :

78-64MS

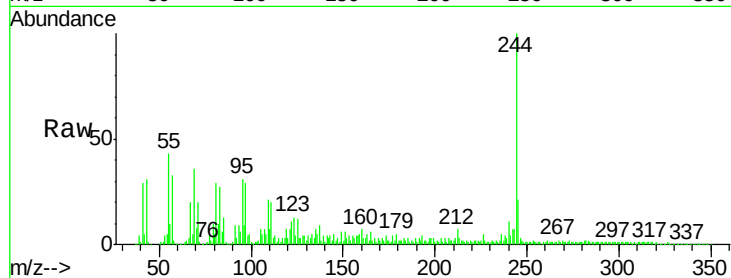
Tot Ion:244 Resp: 705405

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

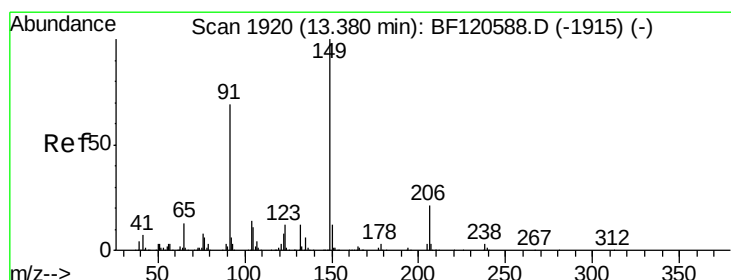
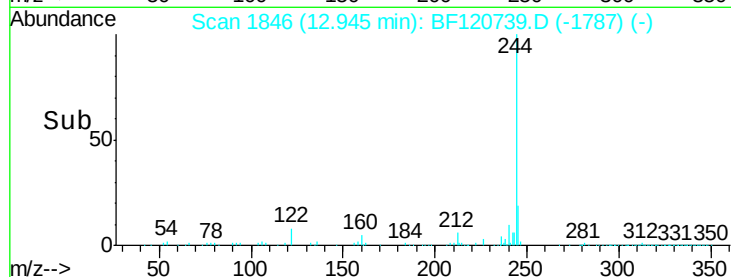
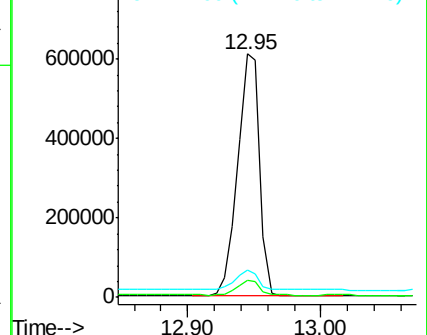
122 11.4 8.8 13.2



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: 40.058 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.03 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

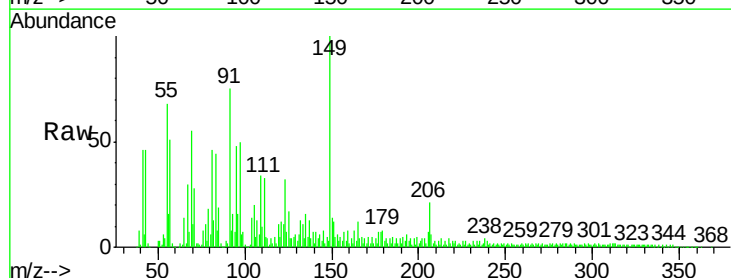
Tgt Ion:149 Resp: 171978

Ion Ratio Lower Upper

149 100

91 75.4 50.0 75.0#

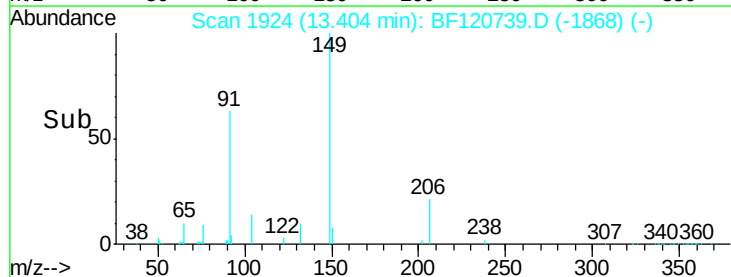
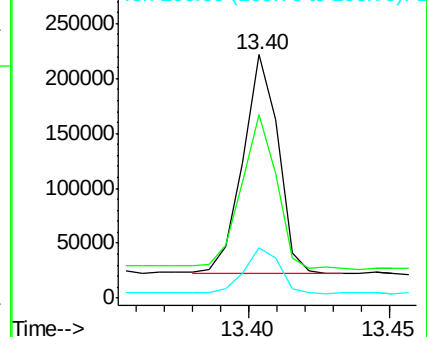
206 20.5 17.6 26.4

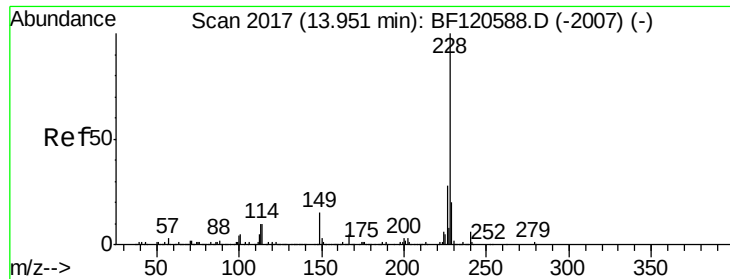


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 58.878 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.04 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

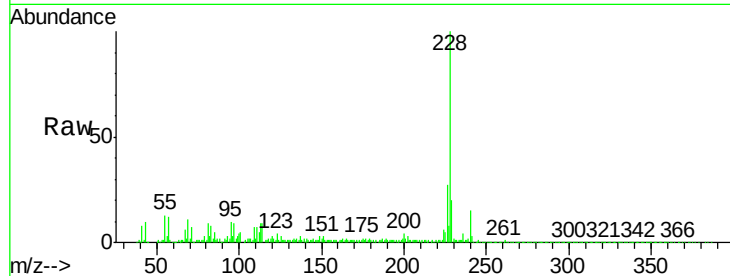
Tot Ion:228 Resp: 482785

Ion Ratio Lower Upper

228 100

226 27.2 22.6 33.8

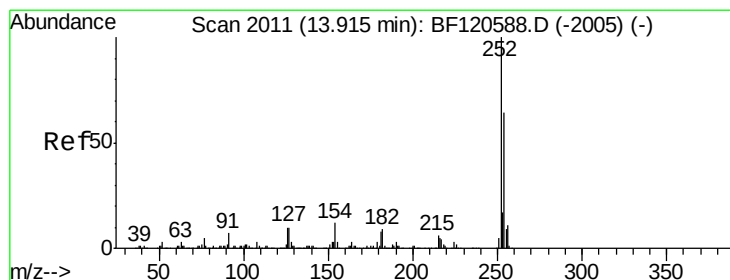
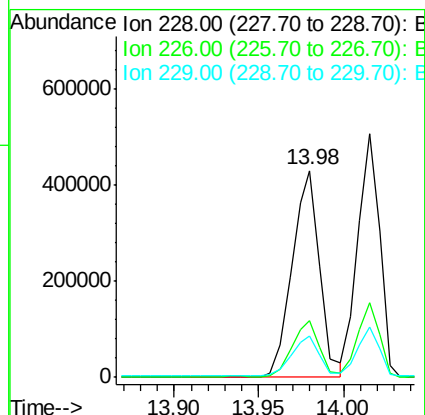
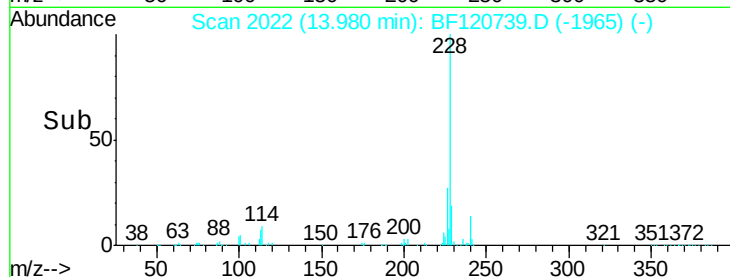
229 19.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.143 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.04 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

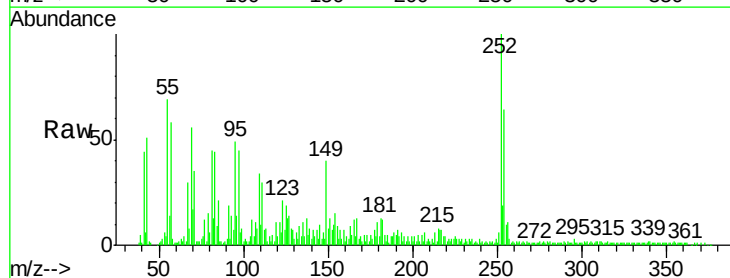
Tgt Ion:252 Resp: 78749

Ion Ratio Lower Upper

252 100

254 63.6 50.8 76.2

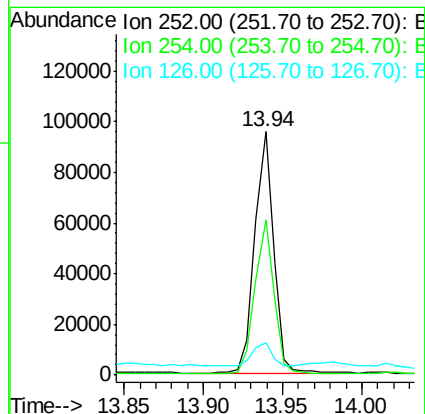
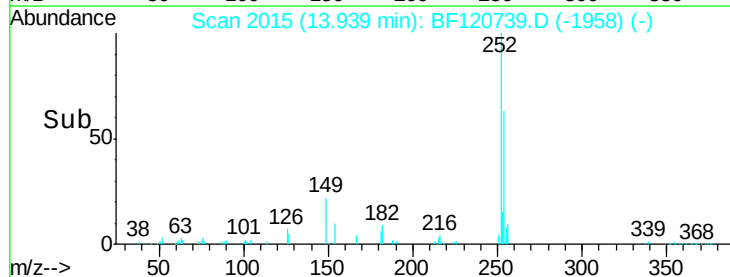
126 13.1 9.6 14.4

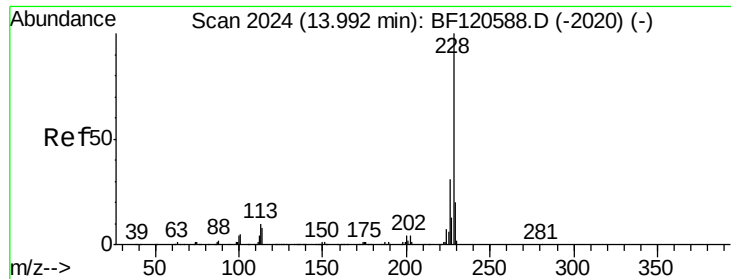


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 53.753 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.04 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

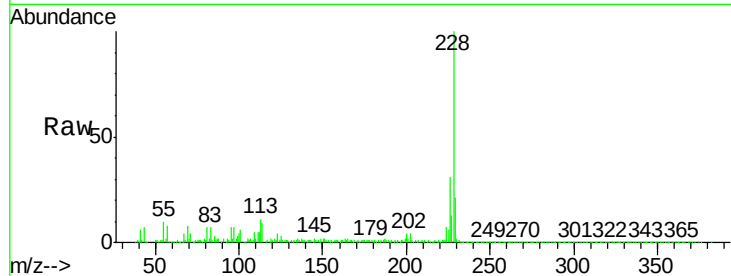
Tot Ion:228 Resp: 452111

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

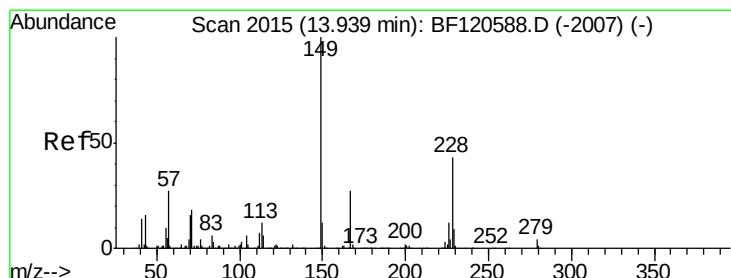
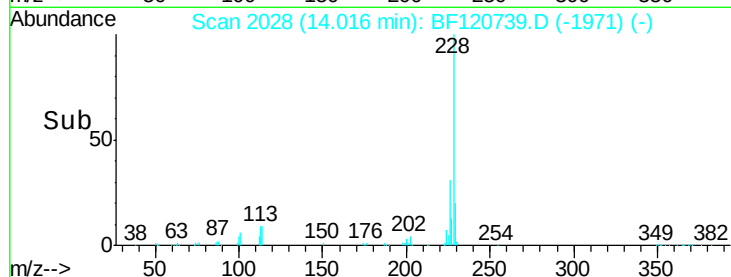
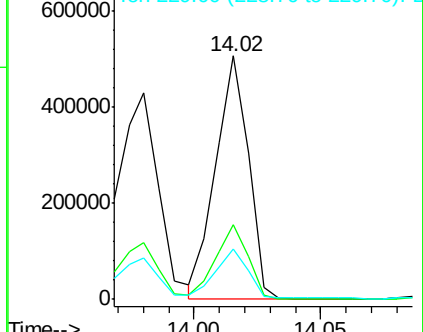
229 20.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.733 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.02 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

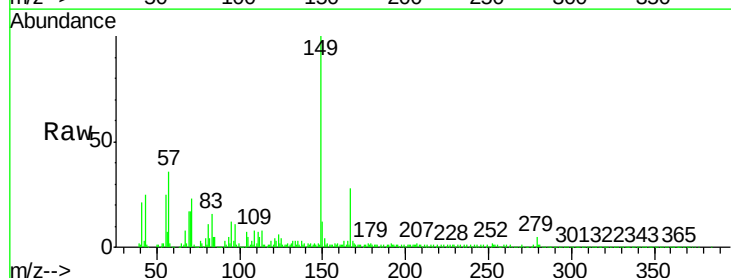
Tgt Ion:149 Resp: 297258

Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

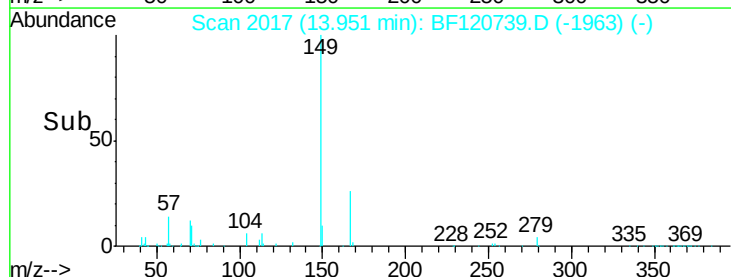
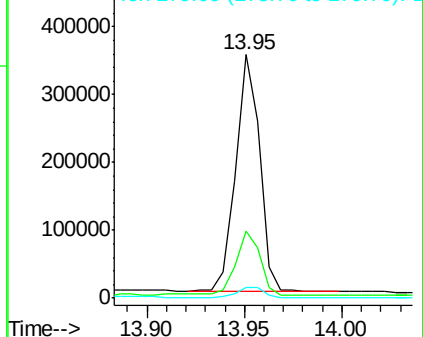
279 4.5 3.6 5.4

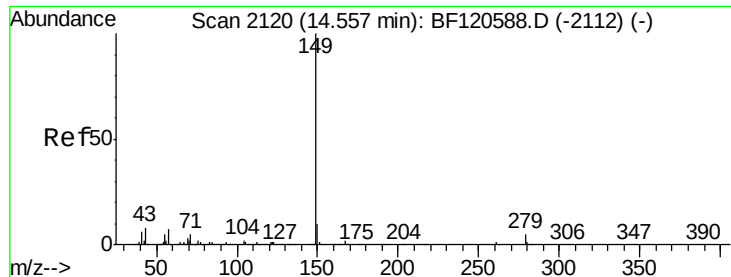


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.134 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

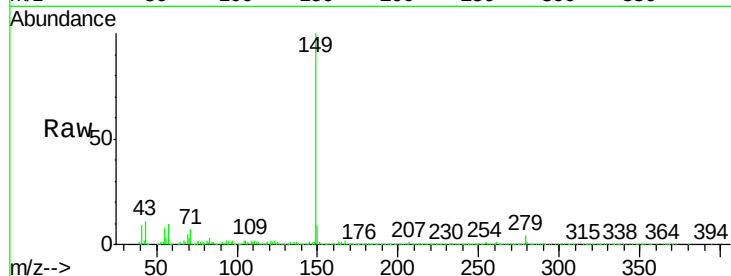
Tot Ion:149 Resp: 521319

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

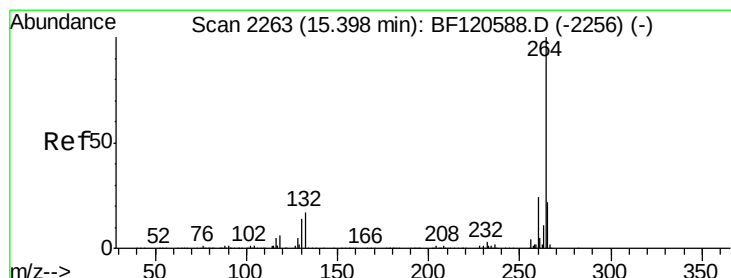
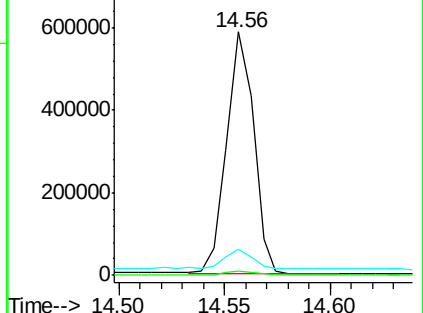
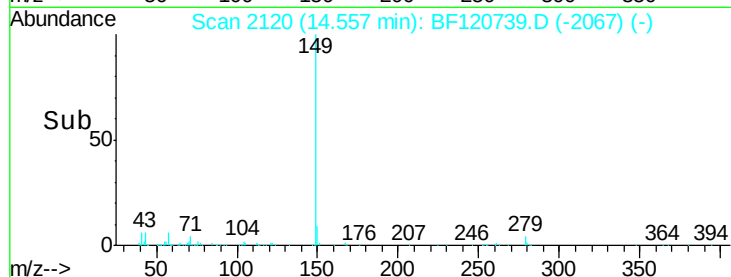
43 9.1 7.3 10.9



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.03 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

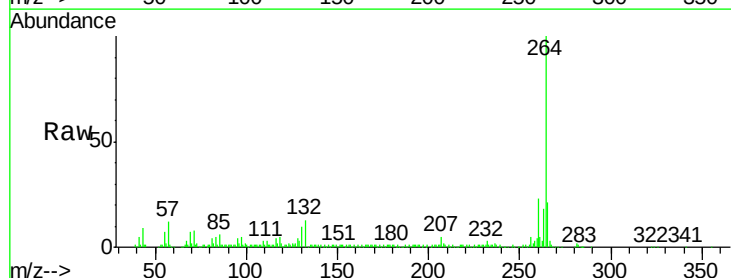
Tgt Ion:264 Resp: 159015

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

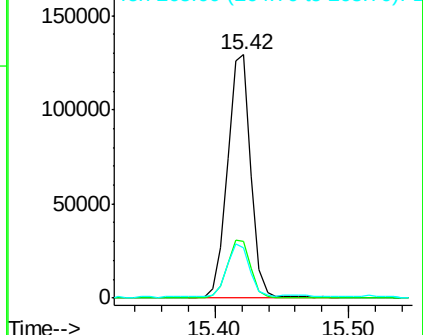
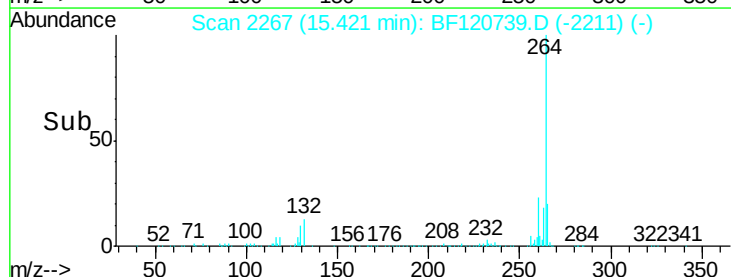
265 20.5 17.4 26.0

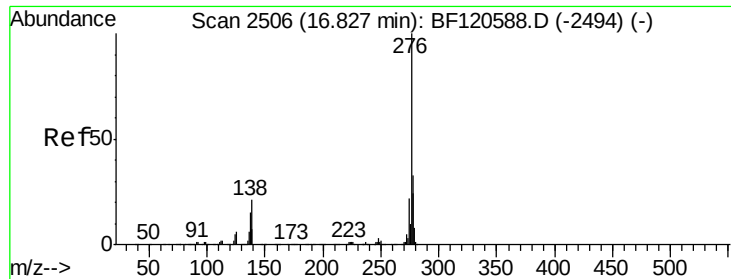


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

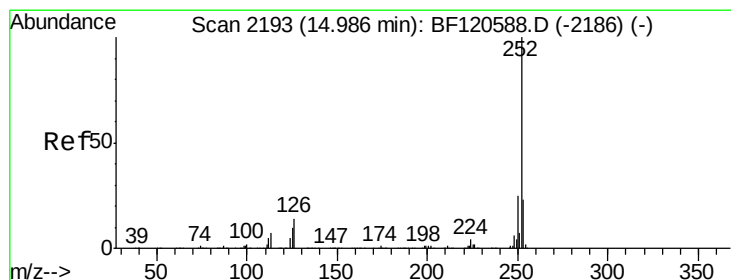
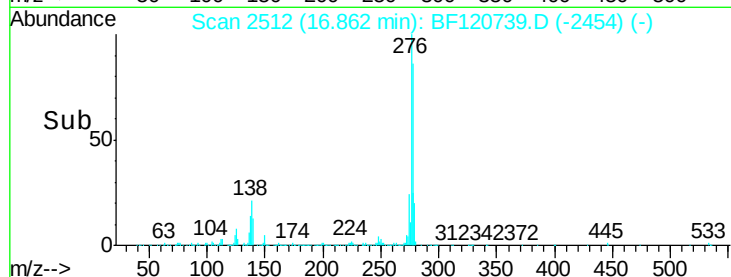
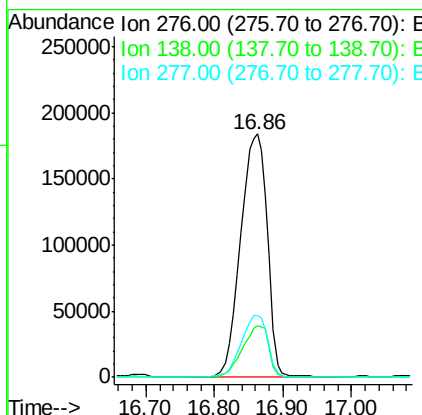
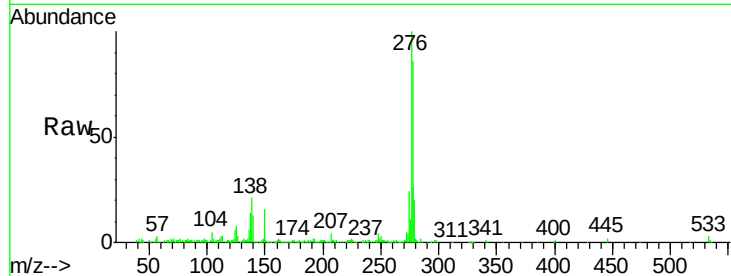




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.744 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.04 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

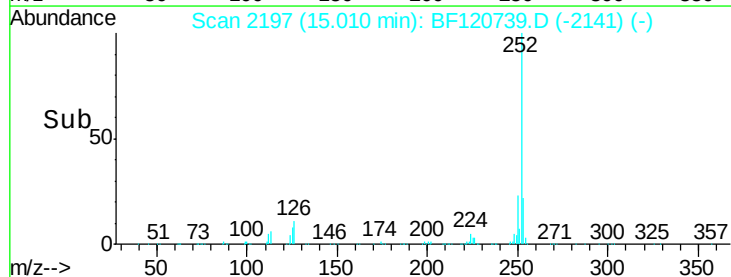
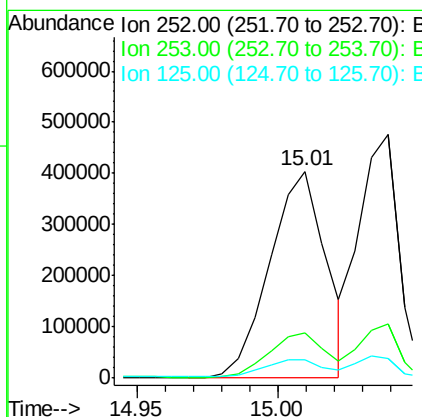
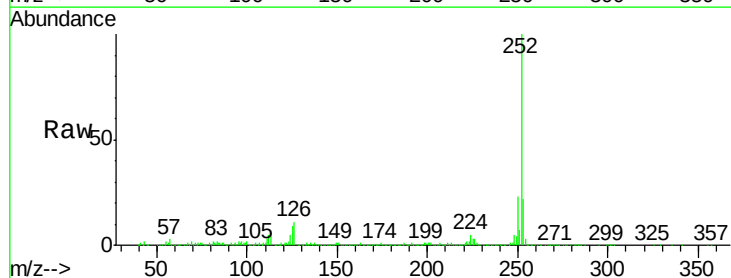
Instrument :
 BNA_F
 ClientSampleId :
 78-64MS

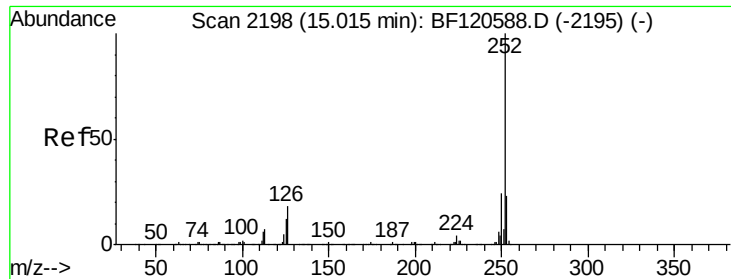
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	18.4	27.6
277	24.8	19.8	29.8



#88
 Benzo(b)fluoranthene
 Concen: 58.906 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.03 min
 Lab File: BF120739.D
 Acq: 29 Jun 2020 20:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	9.0	7.9	11.9

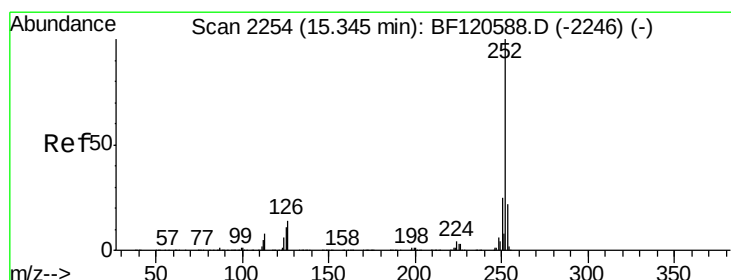
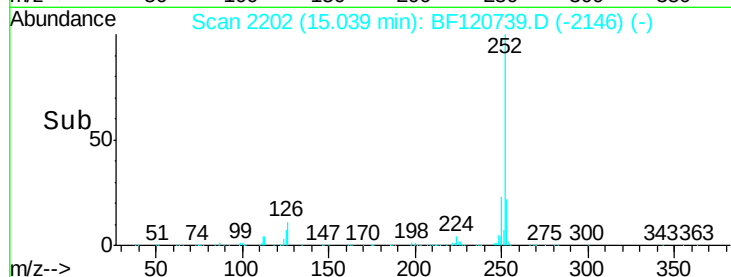
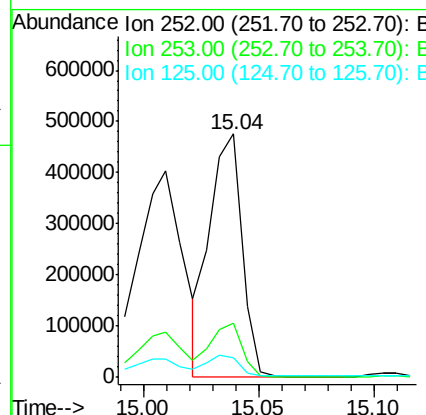
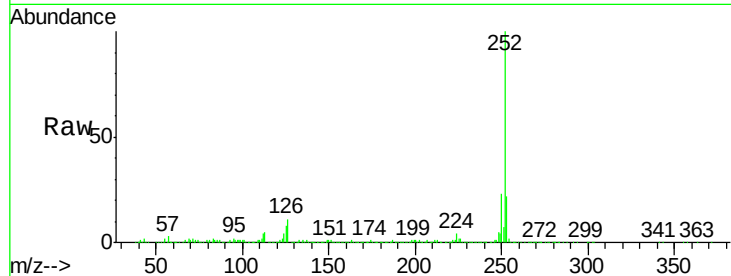




#89
Benzo(k)fluoranthene
Concen: 54.903 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.03 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

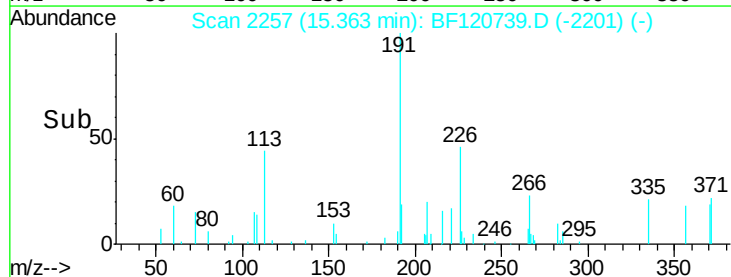
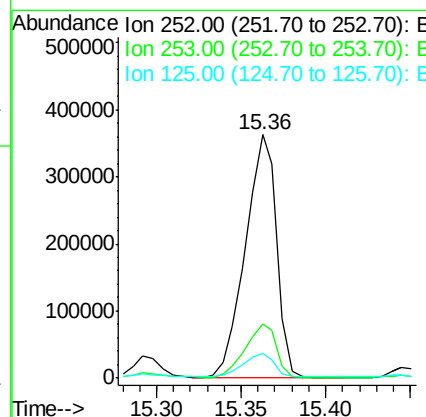
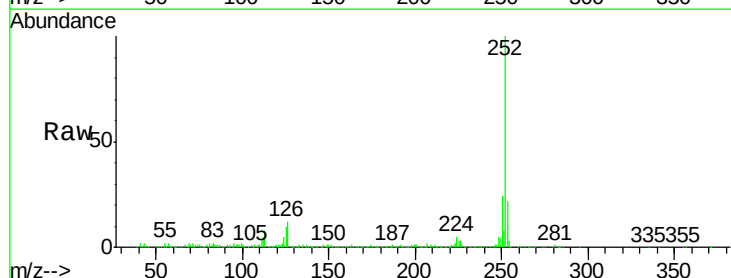
Instrument :
BNA_F
ClientSampleId :
78-64MS

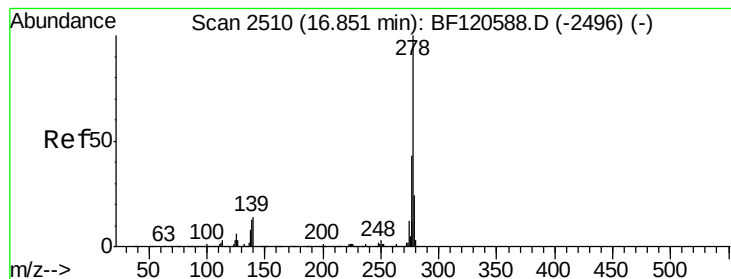
Tot Ion:252 Resp: 460175
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 55.192 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.03 min
Lab File: BF120739.D
Acq: 29 Jun 2020 20:42

Tgt Ion:252 Resp: 467878
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.4 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 51.952 ng

RT: 16.87 min Scan# 2514

Delta R.T. 0.04 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

Instrument :

BNA_F

ClientSampleId :

78-64MS

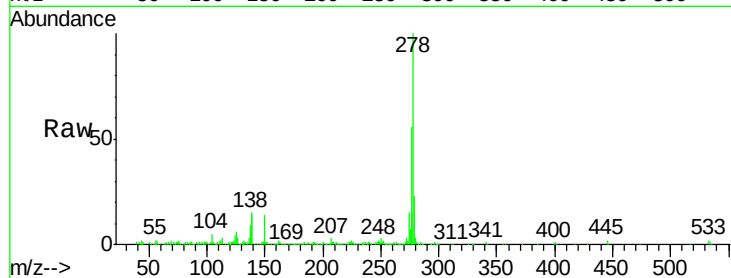
Tot Ion:278 Resp: 402961

Ion Ratio Lower Upper

278 100

139 13.5 11.9 17.9

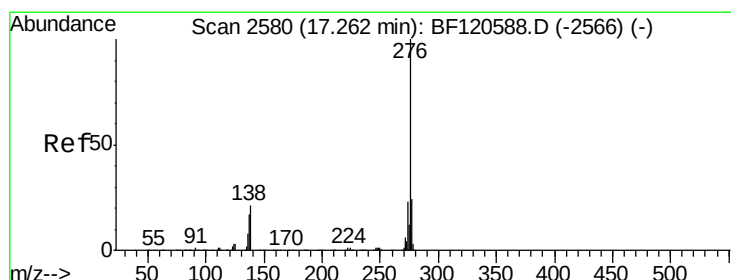
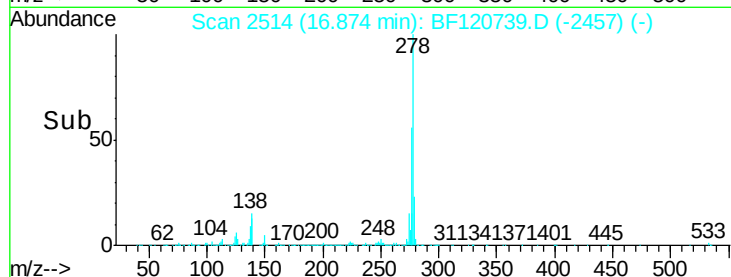
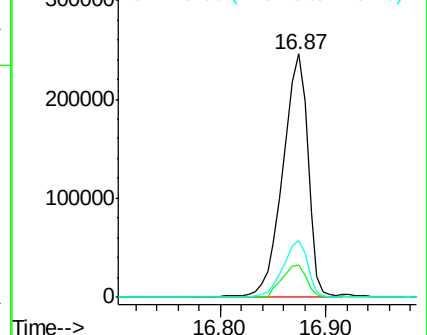
279 23.4 19.2 28.8



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: 49.510 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.04 min

Lab File: BF120739.D

Acq: 29 Jun 2020 20:42

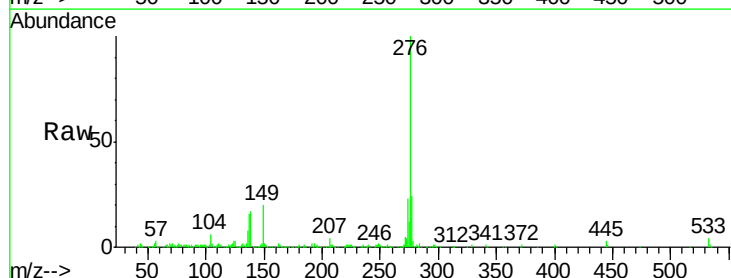
Tgt Ion:276 Resp: 387077

Ion Ratio Lower Upper

276 100

277 24.3 18.3 27.5

138 17.2 16.6 24.8



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

