

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120879.D
 Acq On : 16 Jul 2020 11:12
 Operator : JU/CG
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 16 12:20:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 12:11:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	144105	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	552415	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	291818	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	559802	20.00	ng	0.00
76) Chrysene-d12	13.97	240	483722	20.00	ng	0.00
86) Perylene-d12	15.42	264	540877	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	396964	42.52	ng	0.00
7) Phenol-d6	6.44	99	511845	42.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	417529	43.79	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	142732	48.69	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	829797	43.02	ng	0.00
79) Terphenyl-d14	12.92	244	1000212	40.48	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	87845	20.600	ng	99
3) Pyridine	3.24	79	238678	20.434	ng	98
4) n-Nitrosodimethylamine	3.18	42	98764	16.902	ng	99
6) Aniline	6.47	93	322193	21.044	ng	97
8) 2-Chlorophenol	6.60	128	217230	21.856	ng	97
9) Benzaldehyde	6.36	77	145583	20.533	ng	97
10) Phenol	6.45	94	284053	23.162	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	211507	21.194	ng	98
12) 1,3-Dichlorobenzene	6.76	146	237650	21.723	ng	98
13) 1,4-Dichlorobenzene	6.83	146	233934	21.350	ng	99
14) 1,2-Dichlorobenzene	6.99	146	226172	21.696	ng	100
15) Benzyl Alcohol	6.95	79	183457	20.481	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	304613	19.569	ng	99
17) 2-Methylphenol	7.06	107	191334	21.519	ng	100
18) Hexachloroethane	7.33	117	84110	20.423	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	145693	20.297	ng	95
20) 3+4-Methylphenols	7.22	107	240822	21.991	ng	93
22) Acetophenone	7.22	105	285151	20.767	ng	98
24) Nitrobenzene	7.39	77	226691	21.175	ng	96
25) Isophorone	7.63	82	416348	20.248	ng	97
26) 2-Nitrophenol	7.71	139	102719	26.248	ng	91
27) 2,4-Dimethylphenol	7.75	122	173671	21.158	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	256503	21.077	ng	97
29) 2,4-Dichlorophenol	7.95	162	176595	21.551	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	199475	21.673	ng	100
31) Naphthalene	8.12	128	635308	21.519	ng	100
32) Benzoic acid	7.84	122	130383	29.351	ng	98
33) 4-Chloroaniline	8.17	127	272832	21.778	ng	98
34) Hexachlorobutadiene	8.24	225	118321	21.375	ng	98
35) Caprolactam	8.52	113	56000	23.454	ng	97
36) 4-Chloro-3-methylphenol	8.65	107	182085	21.362	ng	96
37) 2-Methylnaphthalene	8.81	142	412468	21.492	ng	99
38) 1-Methylnaphthalene	8.91	142	391408	21.773	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	187387	21.247	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	101597	19.497	nq	100
43) 2,4,6-Trichlorophenol	9.09	196	130538	21.721	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	147303	22.086	nq	97
46) 1,1'-Biphenyl	9.27	154	491921	20.898	nq	99
47) 2-Chloronaphthalene	9.30	162	396881	21.046	nq	98
48) 2-Nitroaniline	9.39	65	117314	23.251	nq	96
49) Acenaphthylene	9.72	152	621322	21.015	nq	99
50) Dimethylphthalate	9.57	163	453536	21.305	nq	100
51) 2,6-Dinitrotoluene	9.63	165	94744	24.636	nq	95
52) Acenaphthene	9.89	154	390507	21.291	nq	100
53) 3-Nitroaniline	9.80	138	121111	25.491	nq	96
54) 2,4-Dinitrophenol	9.90	184	38036	29.947	nq	# 88
55) Dibenzofuran	10.06	168	572125	21.640	nq	99
56) 4-Nitrophenol	9.95	139	90564	25.951	nq	98
57) 2,4-Dinitrotoluene	10.03	165	125712	27.227	nq	# 97
58) Fluorene	10.40	166	431081	21.906	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	113302	22.829	nq	100
60) Diethylphthalate	10.27	149	463096	20.883	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	219545	22.193	nq	98
62) 4-Nitroaniline	10.41	138	117465	25.971	nq	98
63) Azobenzene	10.55	77	444997	19.617	nq	96
65) 4,6-Dinitro-2-methylphenol	10.44	198	56750	31.552	nq	97
66) n-Nitrosodiphenylamine	10.51	169	384791	20.508	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	136988	21.095	nq	97
68) Hexachlorobenzene	10.95	284	146584	21.512	nq	96
69) Atrazine	11.03	200	101433	20.984	nq	98
70) Pentachlorophenol	11.13	266	85429	22.159	nq	99
71) Phenanthrene	11.36	178	642015	21.137	nq	100
72) Anthracene	11.41	178	646685	21.069	nq	99
73) Carbazole	11.56	167	636706	21.587	nq	99
74) Di-n-butylphthalate	11.90	149	752469	20.606	nq	100
75) Fluoranthene	12.55	202	712409	22.017	nq	98
77) Benzidine	12.67	184	278397	20.390	nq	99
78) Pyrene	12.77	202	750642	19.430	nq	99
80) Butylbenzylphthalate	13.40	149	329293	19.743	nq	96
81) Benzo(a)anthracene	13.96	228	672926	21.702	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	245261	23.439	nq	98
83) Chrysene	14.00	228	673014	21.279	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	437207	19.989	nq	98
85) Di-n-octyl phthalate	14.57	149	821616	21.234	nq	100
87) Indeno(1,2,3-cd)pyrene	16.84	276	796992	22.973	nq	99
88) Benzo(b)fluoranthene	15.00	252	672883	18.923	nq	99
89) Benzo(k)fluoranthene	15.03	252	669245	19.342	nq	98
90) Benzo(a)pyrene	15.36	252	639908	20.174	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	667176	23.074	nq	98
92) Benzo(g,h,i)perylene	17.27	276	644496	24.388	nq	98

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

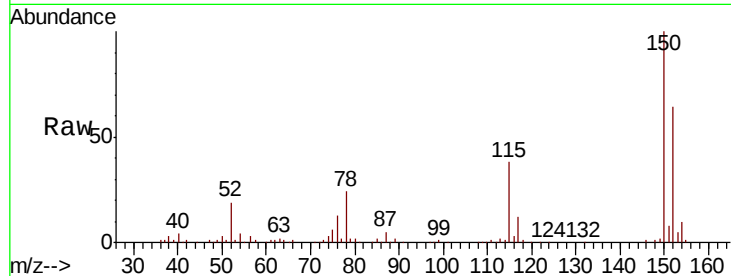


#1

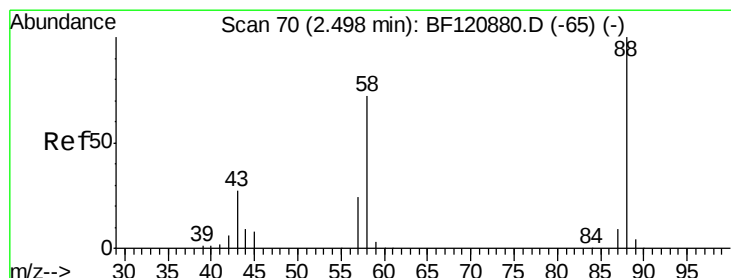
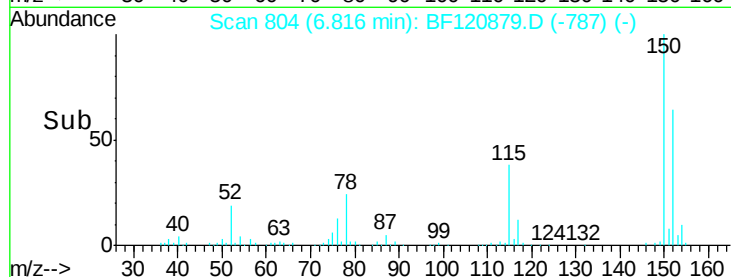
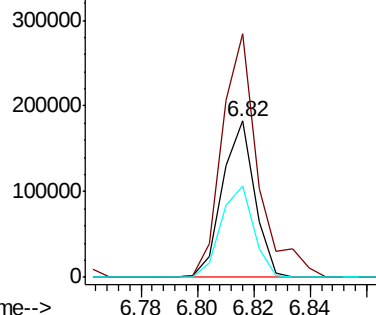
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 144105
Ion Ratio Lower Upper
152 100
150 155.6 125.0 187.6
115 58.5 47.0 70.4



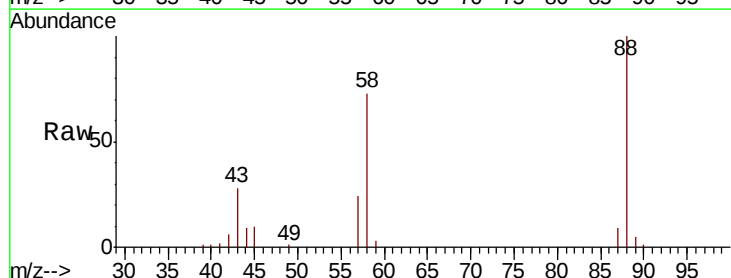
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



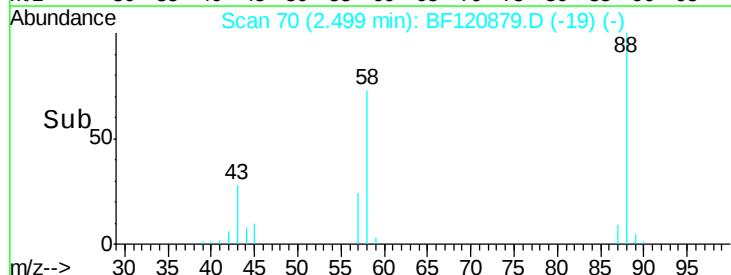
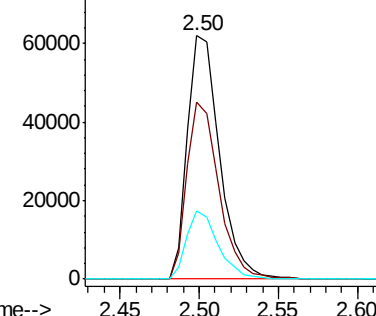
#2

1,4-Dioxane
Concen: 20.600 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion: 88 Resp: 87845
Ion Ratio Lower Upper
88 100
58 72.1 58.2 87.2
43 27.3 22.1 33.1



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: 20.434 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_P

ClientSampleId :

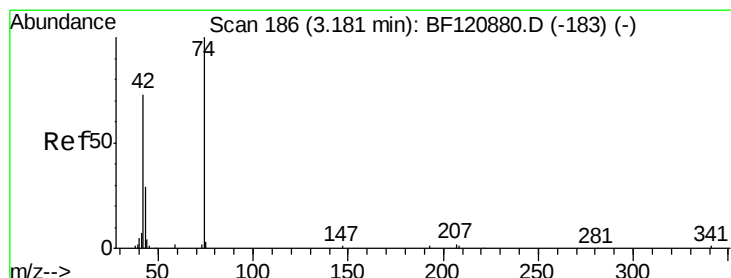
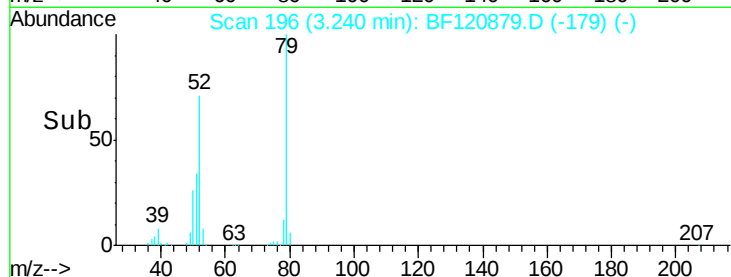
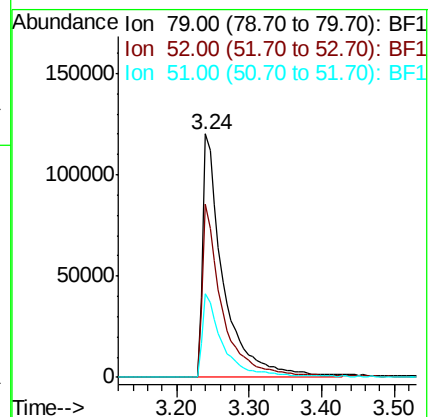
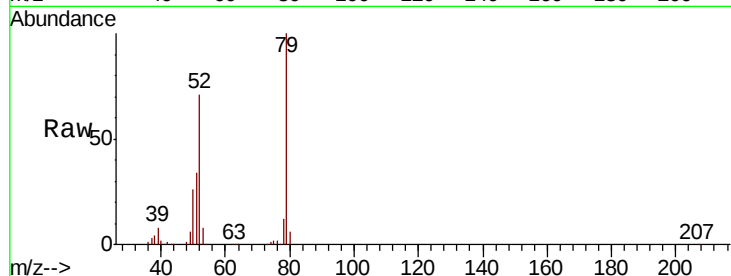
Tot Ion: 79 Resp: 238678

Ion Ratio Lower Upper

79 100

52 71.3 55.0 82.6

51 34.1 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 16.902 ng

RT: 3.18 min Scan# 185

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

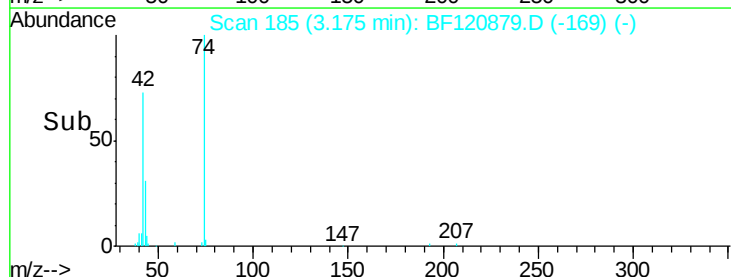
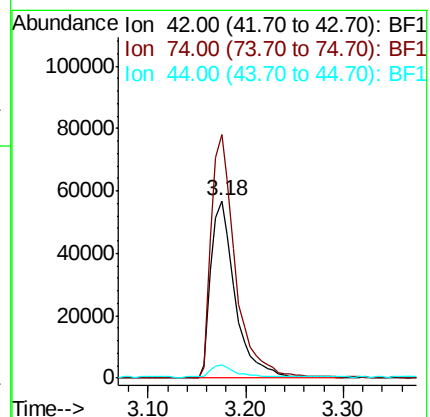
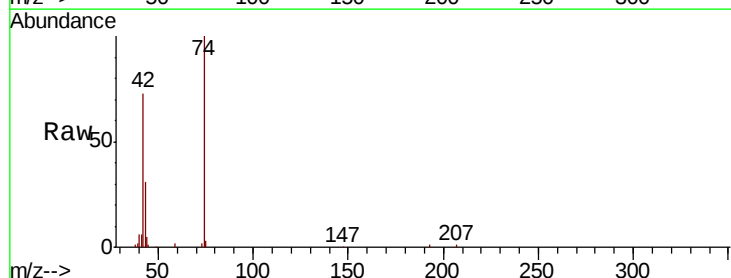
Tgt Ion: 42 Resp: 98764

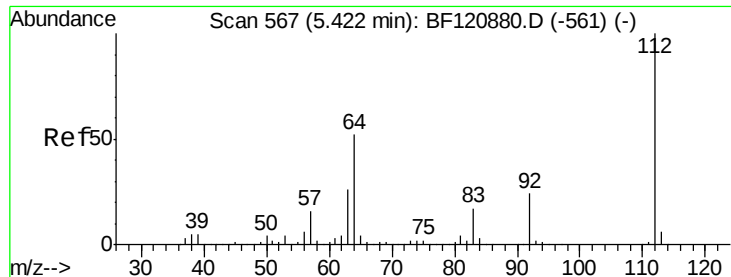
Ion Ratio Lower Upper

42 100

74 137.5 108.7 163.1

44 7.6 5.2 7.8





#5

2-Fluorophenol

Concen: 42.523 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_P

ClientSampled :

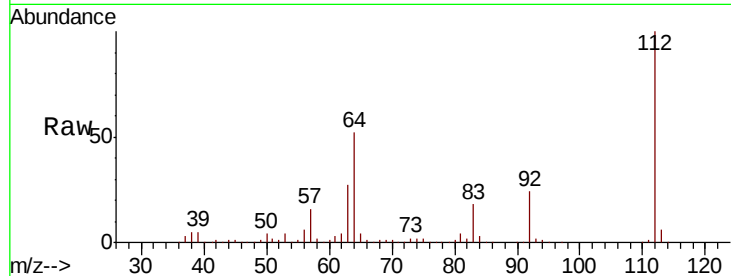
Tot Ion:112 Resp: 396964

Ion Ratio Lower Upper

112 100

64 52.1 41.3 61.9

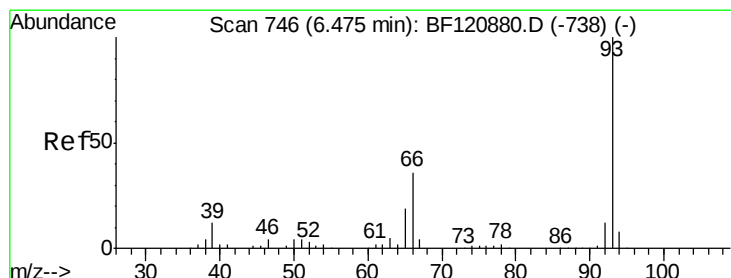
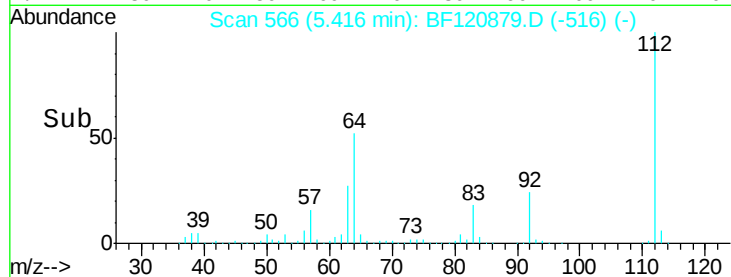
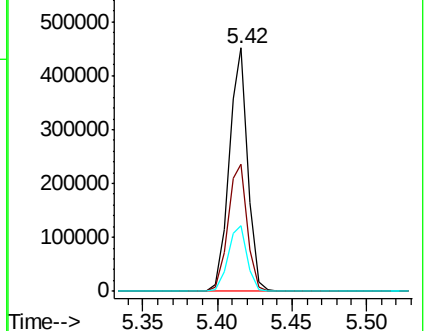
63 26.8 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.044 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

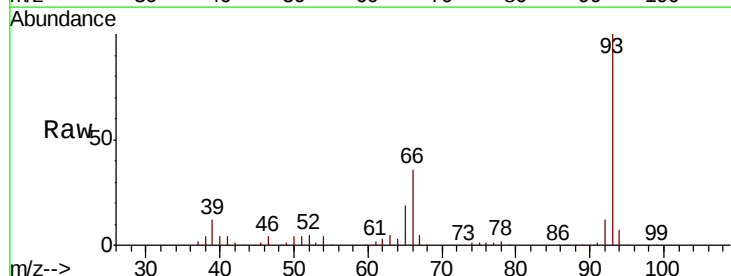
Tgt Ion: 93 Resp: 322193

Ion Ratio Lower Upper

93 100

66 35.6 30.2 45.4

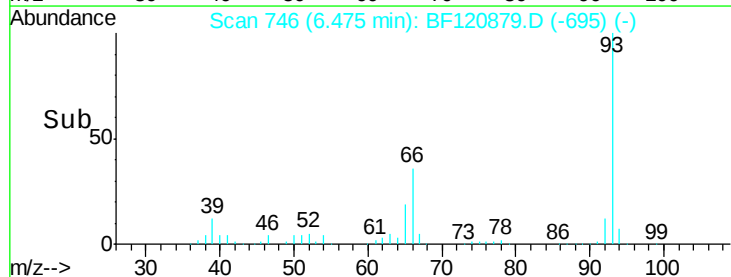
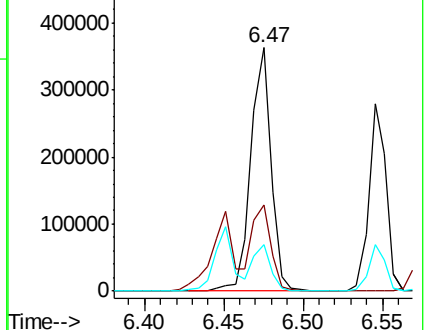
65 19.3 15.8 23.6

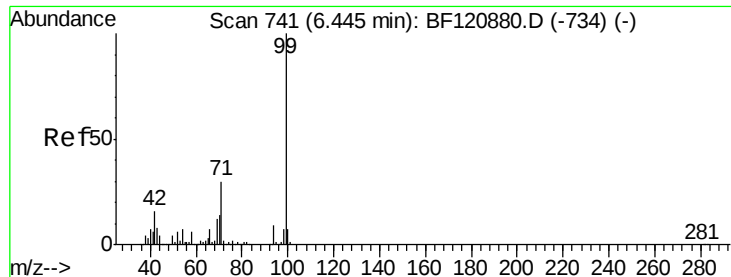


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 42.934 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_P

ClientSampleId :

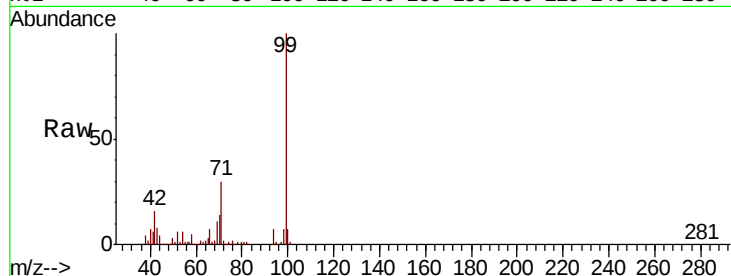
Tot Ion: 99 Resp: 511845

Ion Ratio Lower Upper

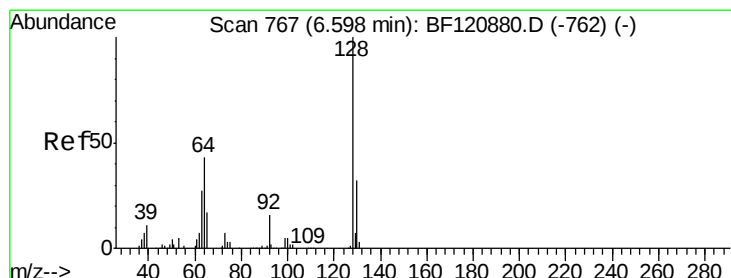
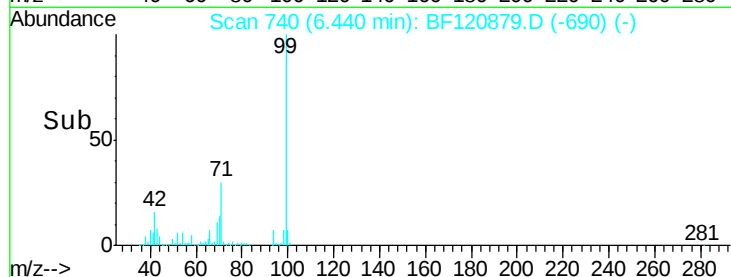
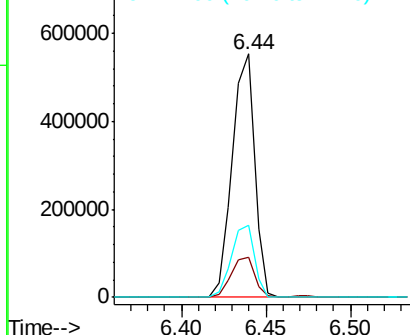
99 100

42 16.3 13.1 19.7

71 29.7 24.2 36.4



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: 21.856 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

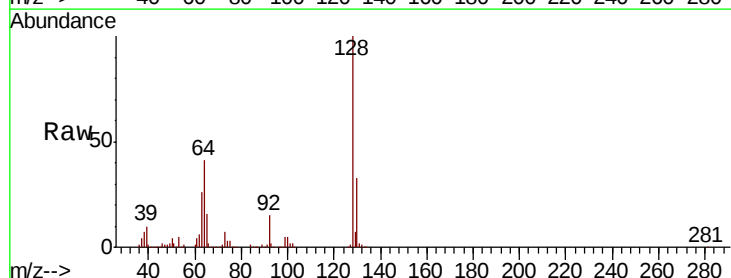
Tgt Ion: 128 Resp: 217230

Ion Ratio Lower Upper

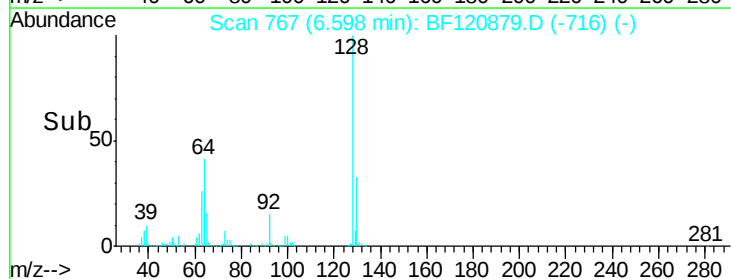
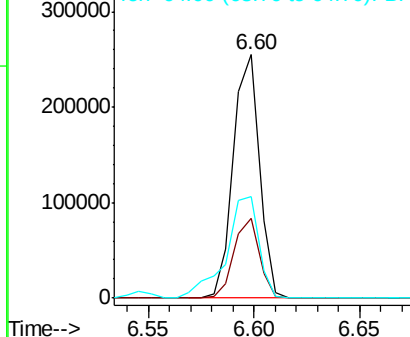
128 100

130 32.9 12.1 52.1

64 41.5 24.0 64.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.533 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_P

ClientSampled :

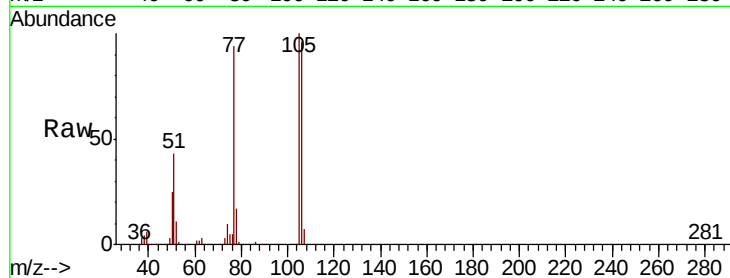
Tot Ion: 77 Resp: 145583

Ion Ratio Lower Upper

77 100

105 106.1 82.5 122.5

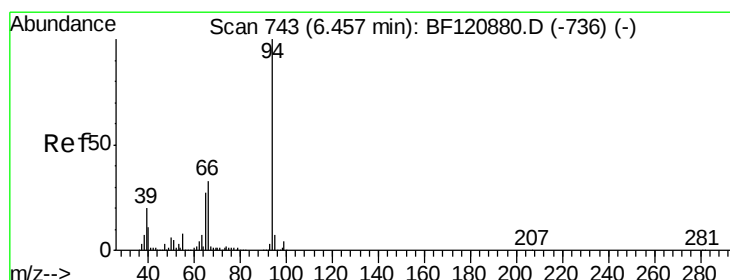
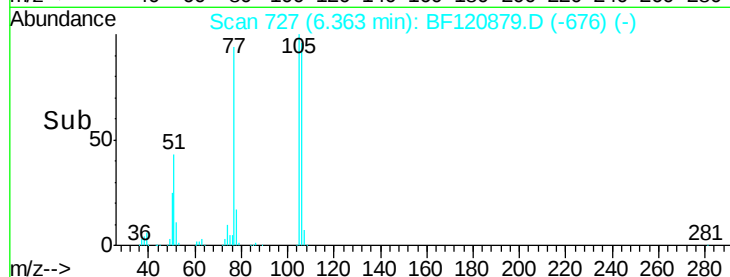
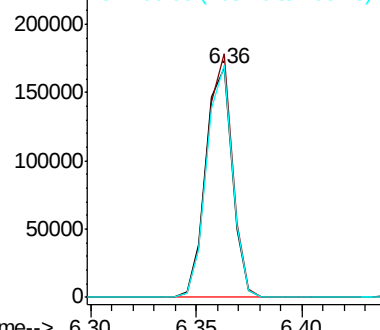
106 101.4 78.7 118.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 23.162 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

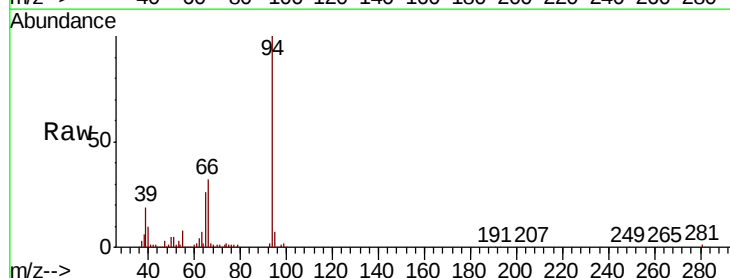
Tgt Ion: 94 Resp: 284053

Ion Ratio Lower Upper

94 100

65 25.8 6.6 46.6

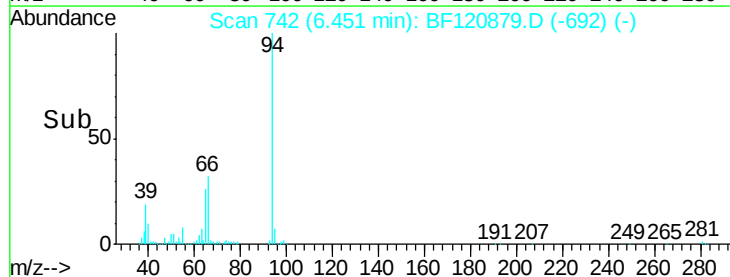
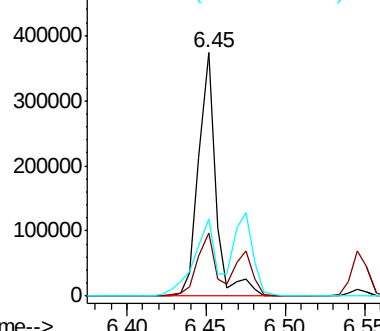
66 31.9 13.2 53.2

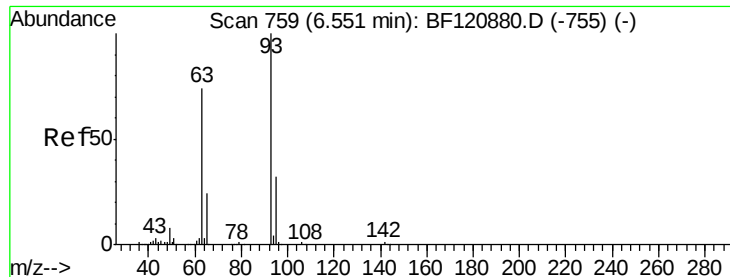


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 21.194 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_P

ClientSampleId :

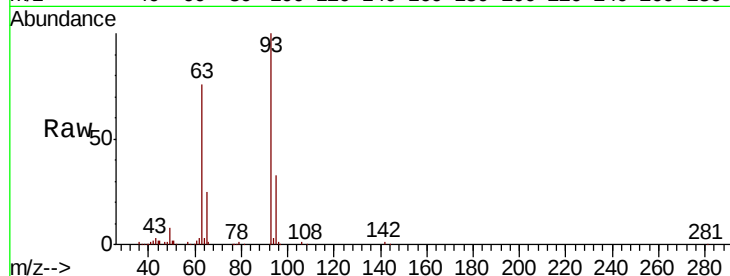
Tot Ion: 93 Resp: 211507

Ion Ratio Lower Upper

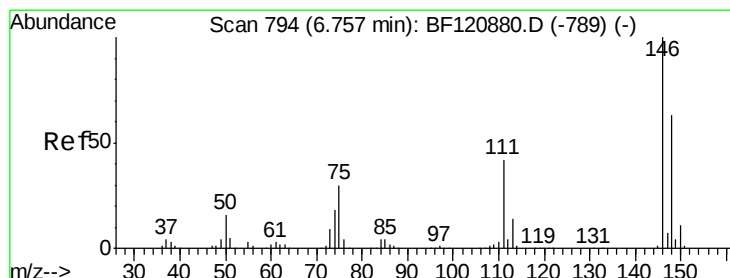
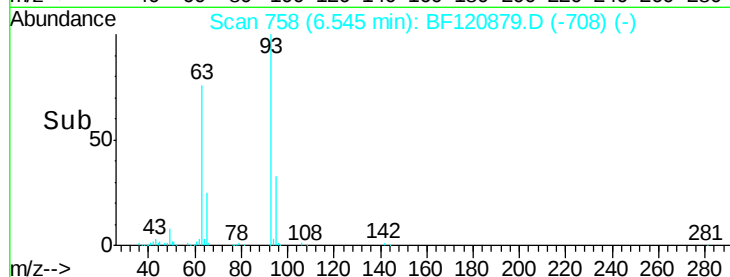
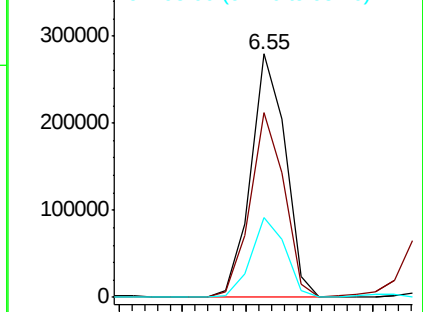
93 100

63 75.6 54.2 94.2

95 33.0 12.2 52.2



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: 21.723 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

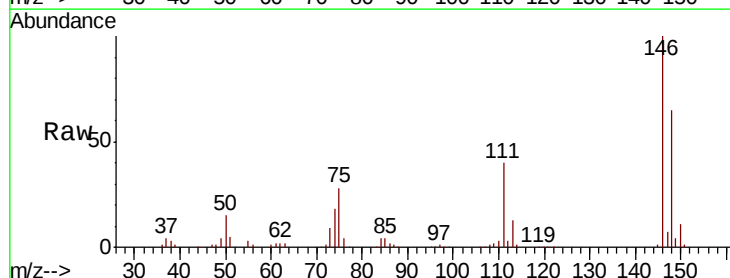
Tgt Ion: 146 Resp: 237650

Ion Ratio Lower Upper

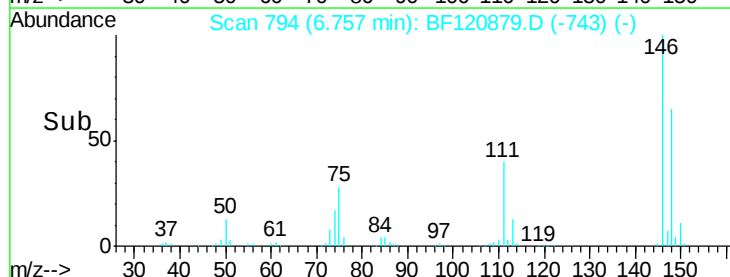
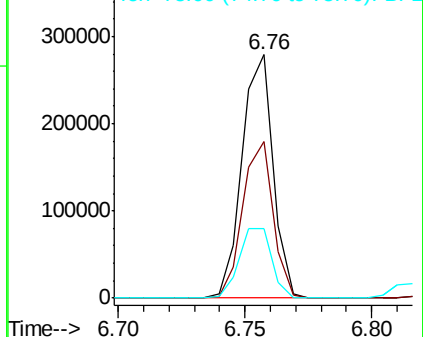
146 100

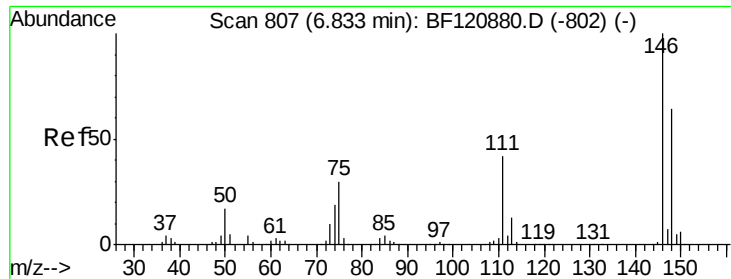
148 64.6 50.6 75.8

75 28.4 24.1 36.1



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

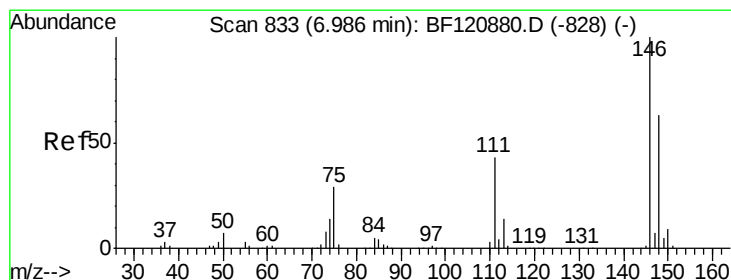
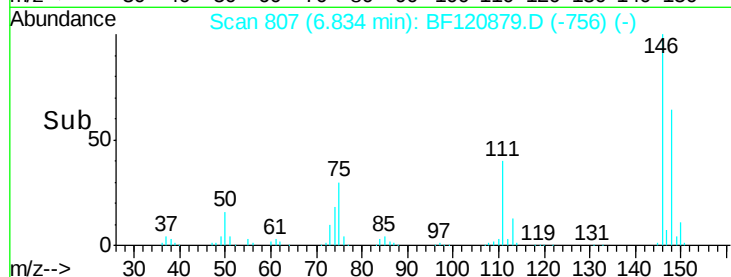
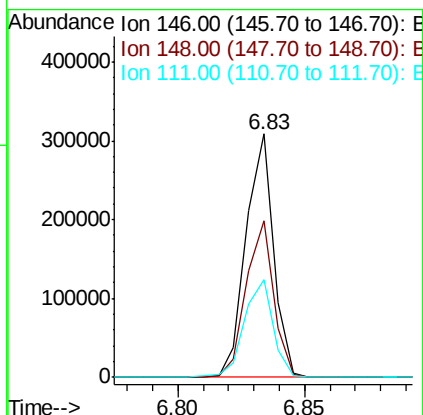
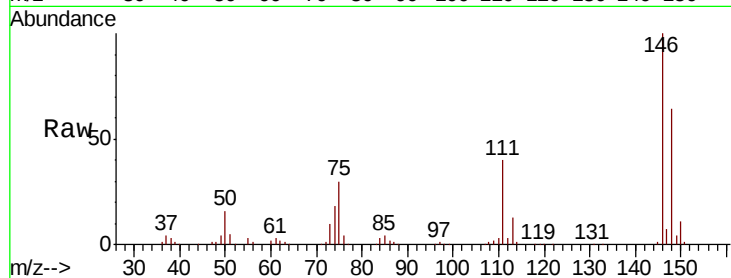




#13
 1,4-Dichlorobenzene
 Concen: 21.350 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

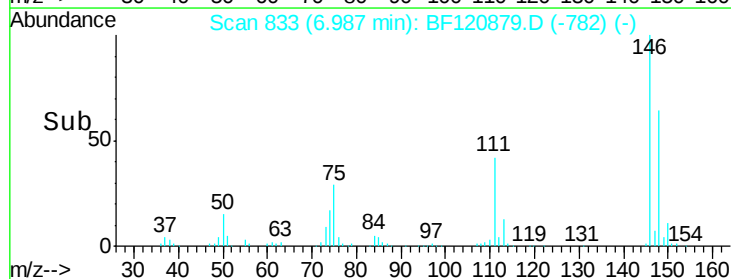
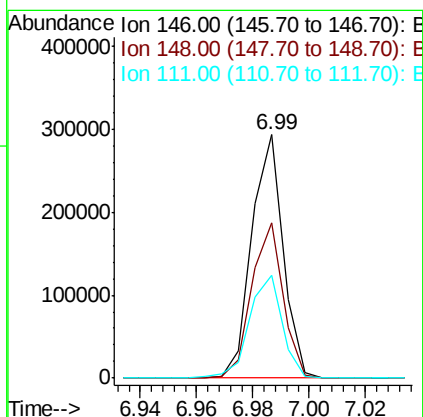
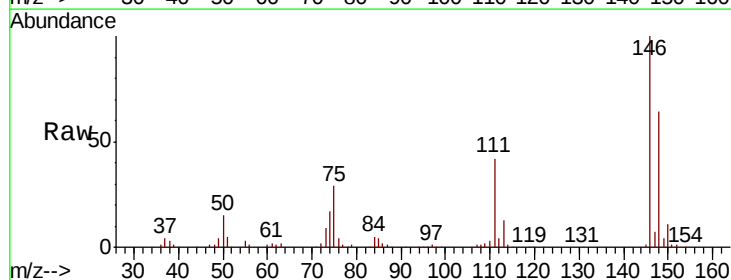
Instrument :
 BNA_P
 ClientSampleId :

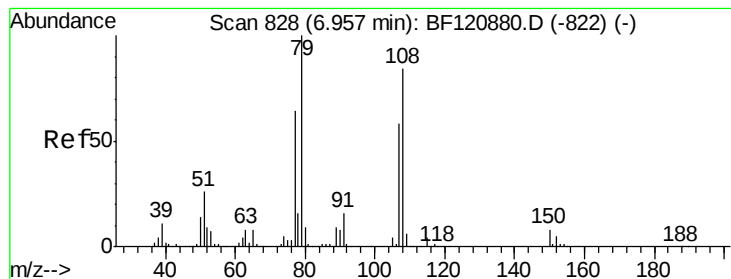
Tot Ion:146 Resp: 233934
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.6 77.4
 111 39.9 33.5 50.3



#14
 1,2-Dichlorobenzene
 Concen: 21.696 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion:146 Resp: 226172
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 76.0
 111 42.3 34.2 51.2





#15

Benzyl Alcohol

Concen: 20.481 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_P

ClientSampleId :

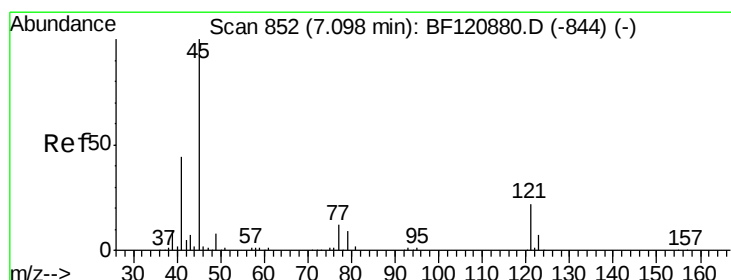
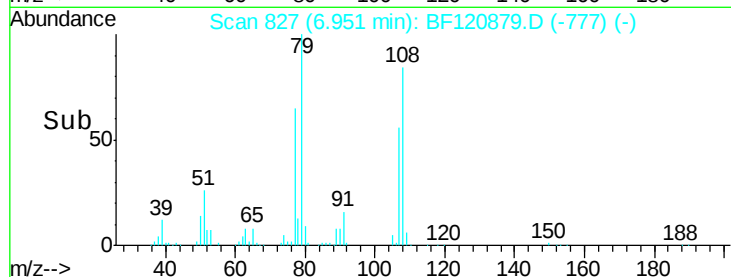
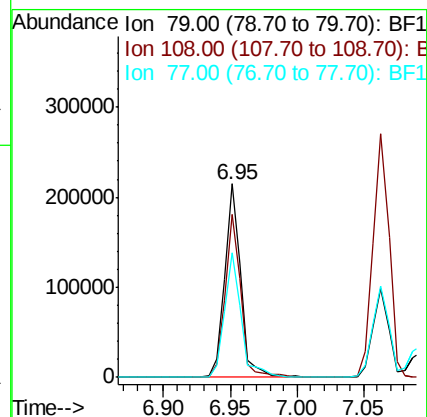
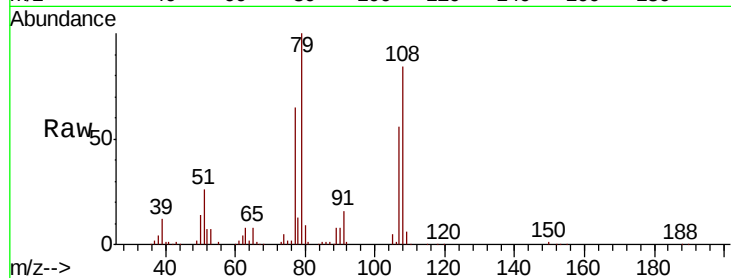
Tot Ion: 79 Resp: 183457

Ion Ratio Lower Upper

79 100

108 84.1 67.0 100.6

77 64.7 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.569 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

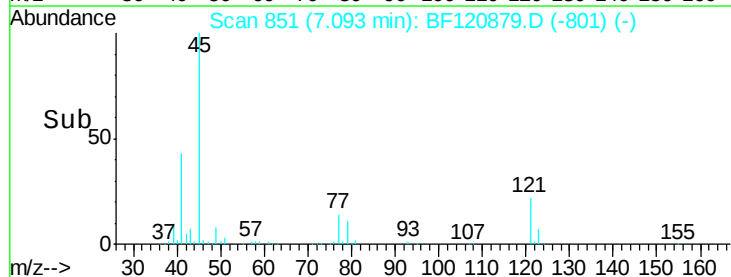
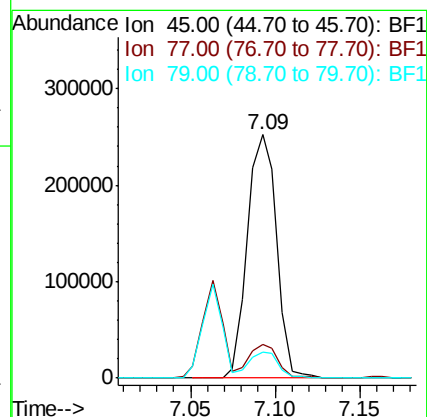
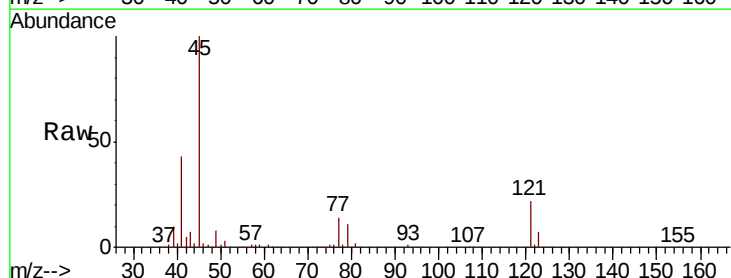
Tgt Ion: 45 Resp: 304613

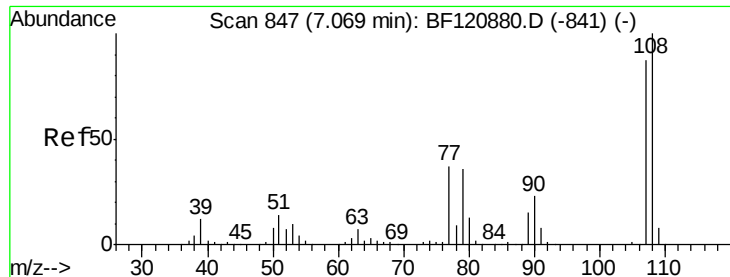
Ion Ratio Lower Upper

45 100

77 14.1 0.0 34.3

79 10.6 0.0 31.0

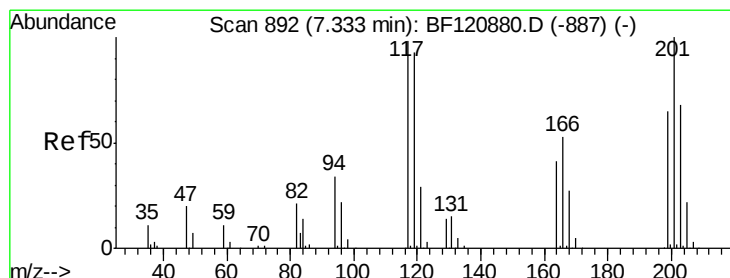
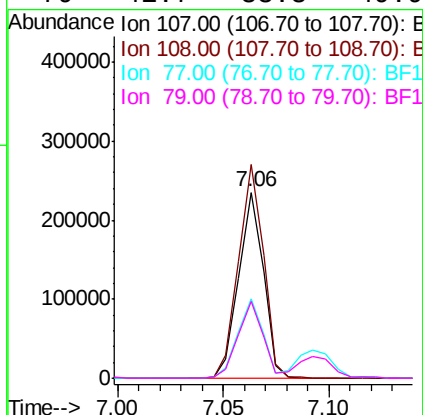
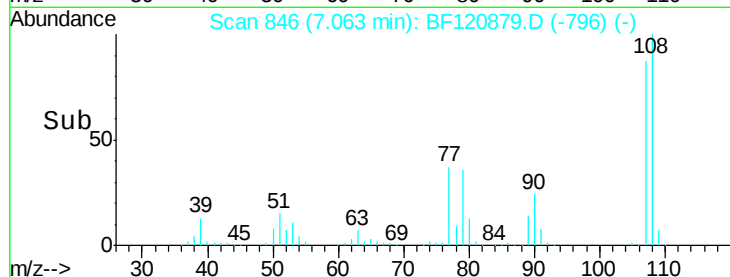
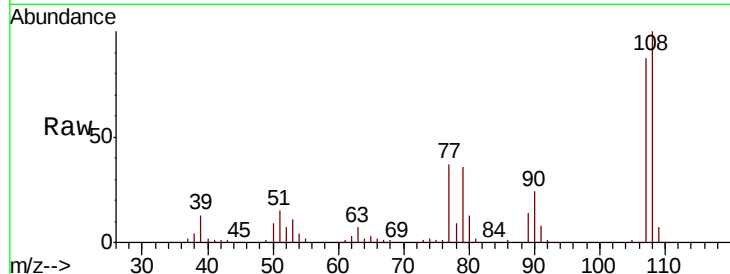




#17
2-Methylphenol
Concen: 21.519 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

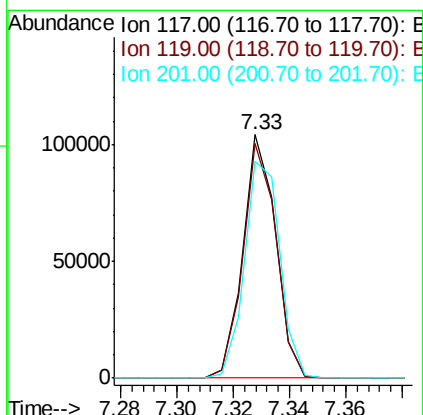
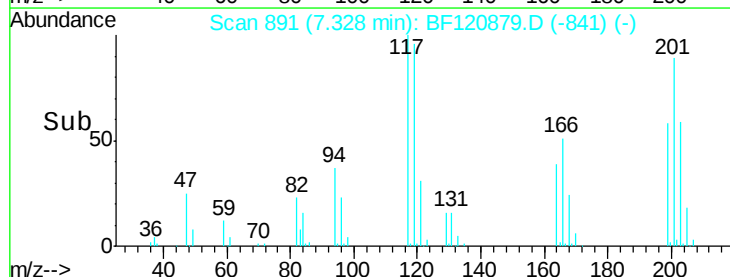
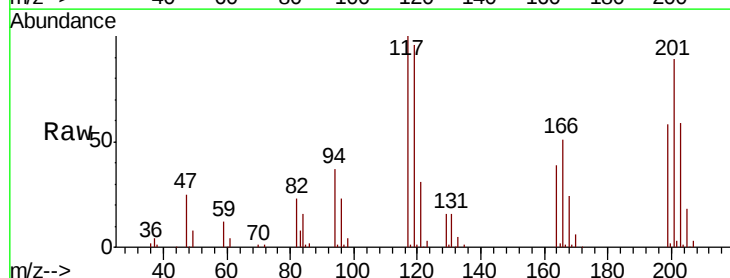
Instrument :
BNA_P
ClientSampleId :

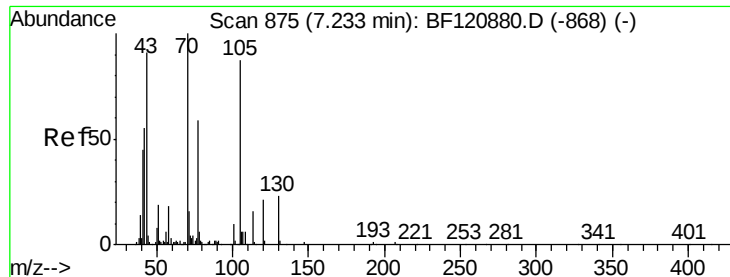
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.0	92.0	138.0
77	43.1	34.0	51.0
79	41.7	33.3	49.9



#18
Hexachloroethane
Concen: 20.423 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.0	114.0
201	89.2	81.7	122.5

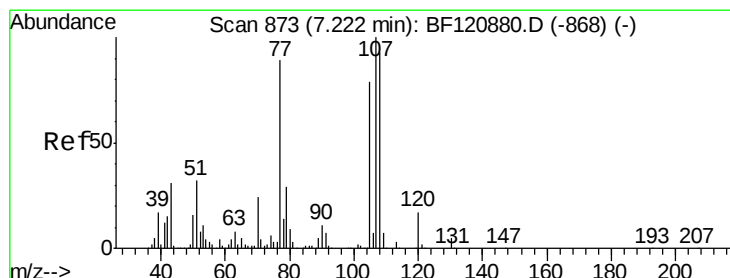
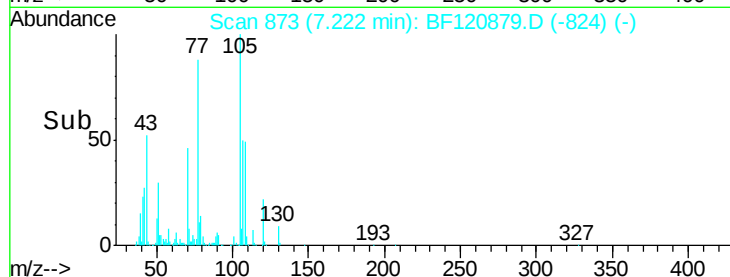
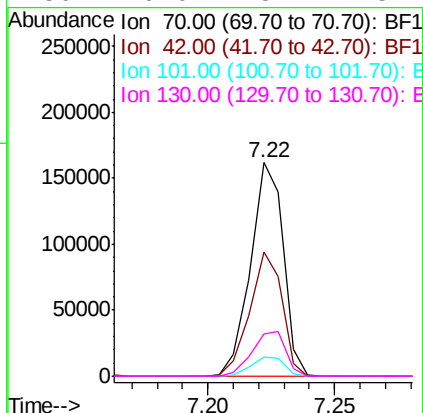
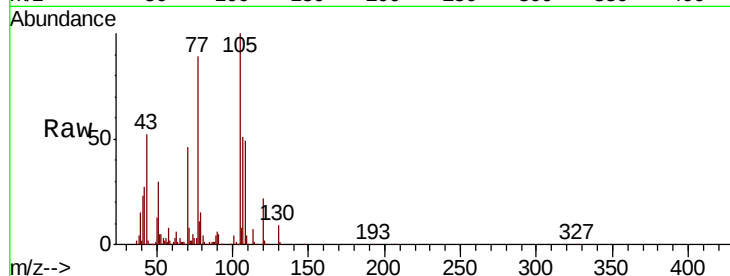




#19
n-Nitroso-di-n-propylamine
Concen: 20.297 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

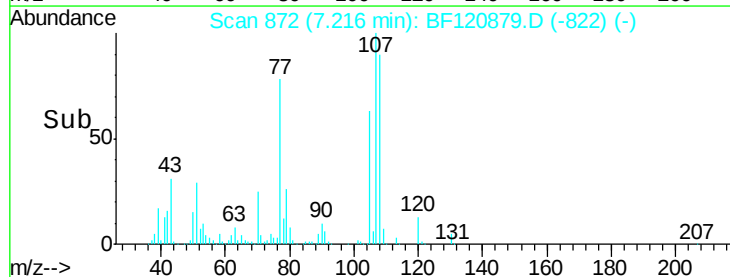
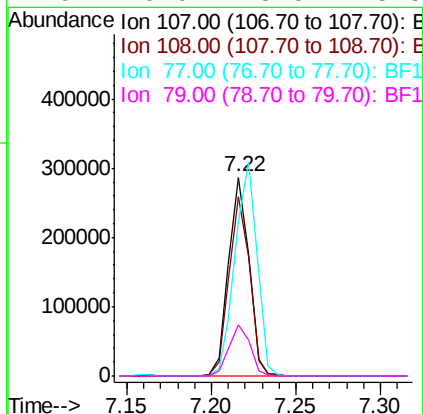
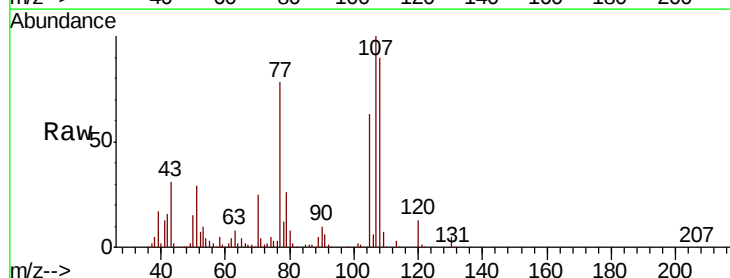
Instrument :
BNA_P
ClientSampled :

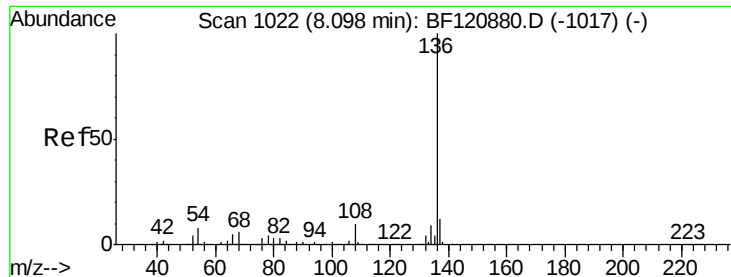
Tot Ion: 70 Resp: 145693
Ion Ratio Lower Upper
70 100
42 58.1 44.0 66.0
101 8.9 7.8 11.6
130 20.0 18.7 28.1



#20
3+4-Methylphenols
Concen: 21.991 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:107 Resp: 240822
Ion Ratio Lower Upper
107 100
108 89.9 72.8 112.8
77 77.7 68.7 108.7
79 26.0 8.5 48.5

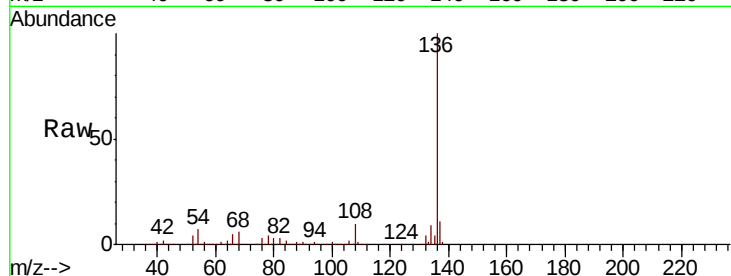




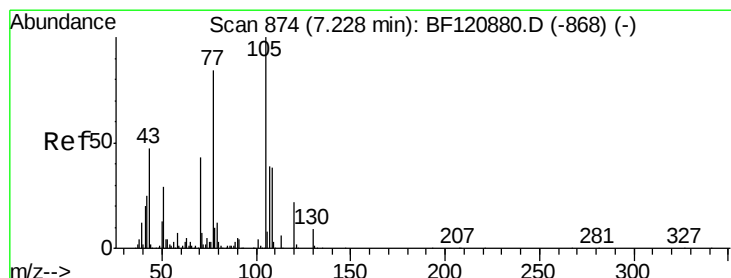
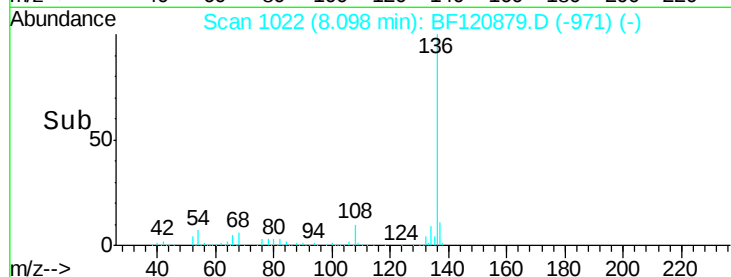
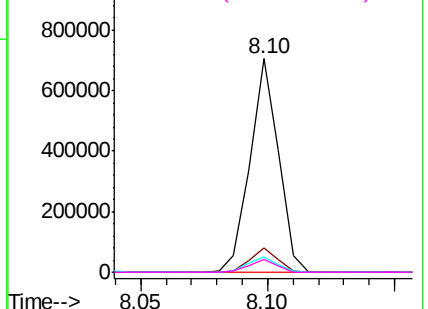
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	552415	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.3	13.9	
54 7.5	6.3	9.5	
68 6.0	5.0	7.4	

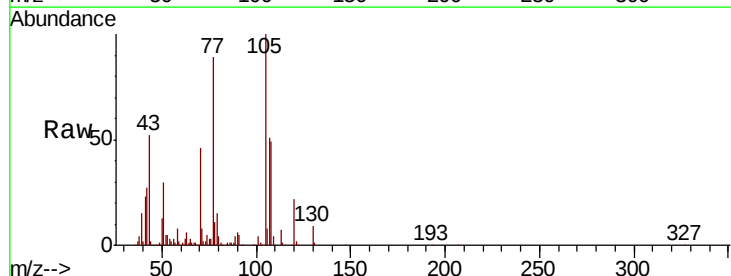


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

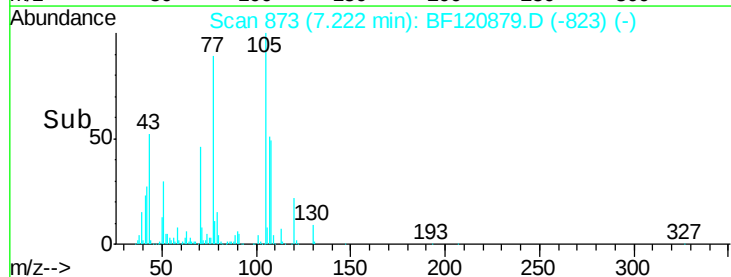
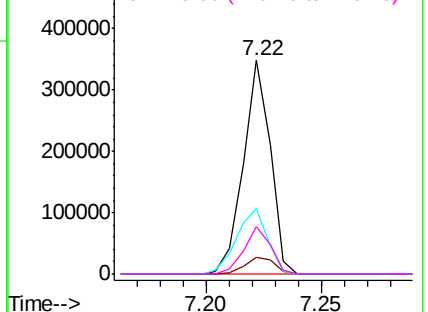


#22
Acetophenone
Concen: 20.767 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt	Ion:105	Resp:	285151
Ion	Ratio	Lower	Upper
105	100		
71	7.7	5.7	8.5
51	30.3	22.9	34.3
120	22.2	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

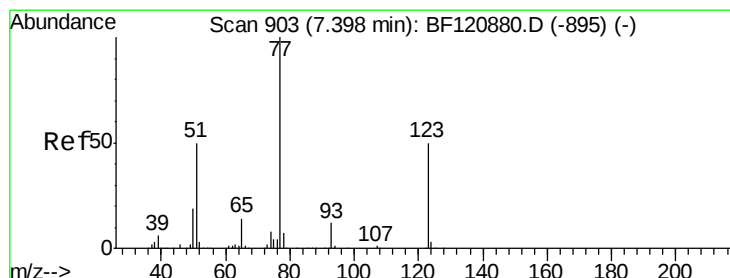
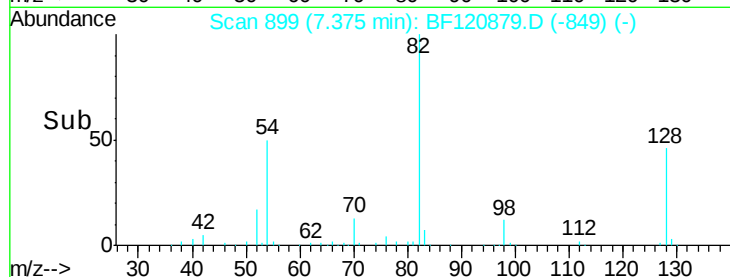
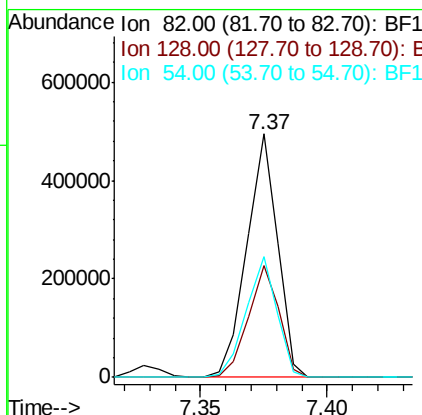
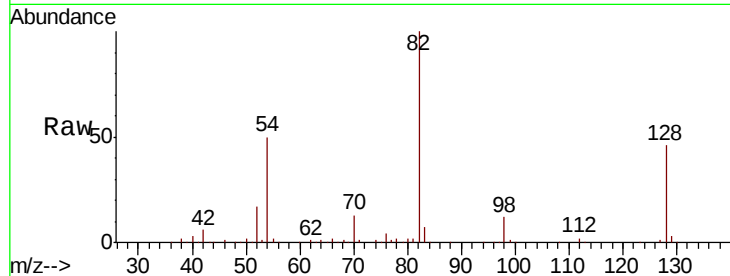




#23
 Nitrobenzene-d5
 Concen: 43.791 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

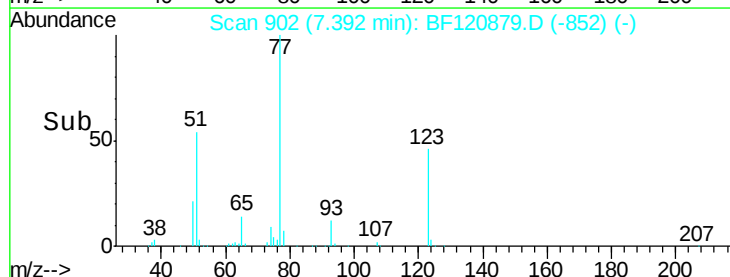
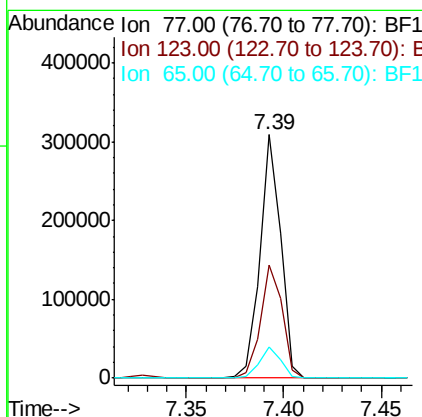
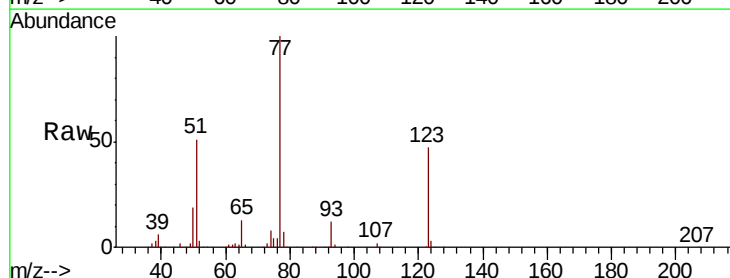
Instrument :
 BNA_P
 ClientSampleId :

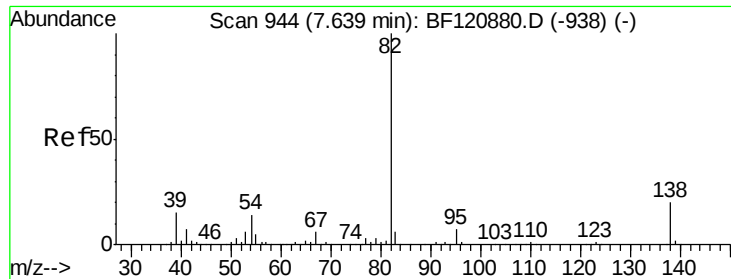
Tot Ion	82	Resp	417529
Ion Ratio	Lower	Upper	
82	100		
128	46.0	38.2	57.4
54	49.7	38.7	58.1



#24
 Nitrobenzene
 Concen: 21.175 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion	77	Resp	226691
Ion Ratio	Lower	Upper	
77	100		
123	46.5	40.1	60.1
65	13.0	10.8	16.2





#25

Isophorone

Concen: 20.248 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_P

ClientSampleId :

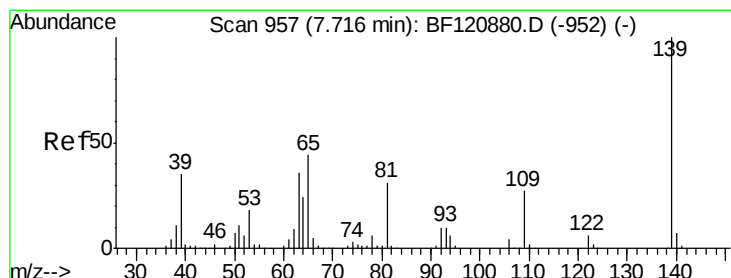
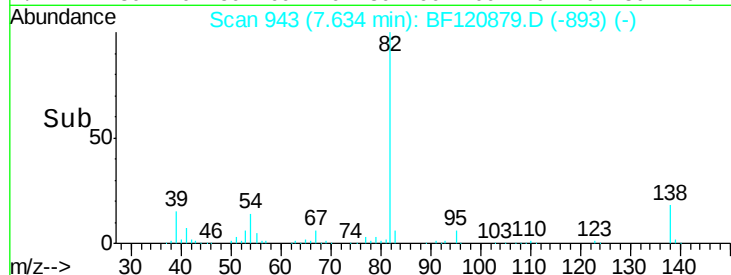
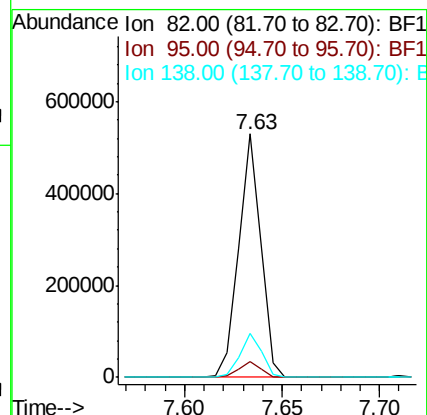
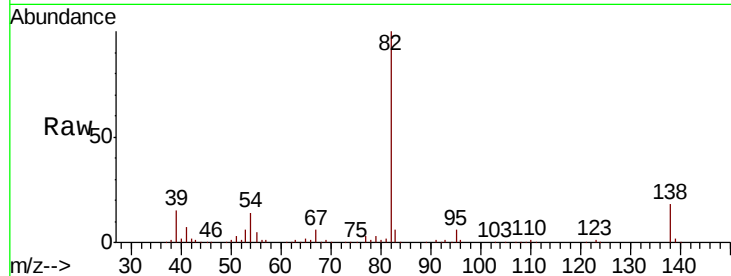
Tot Ion: 82 Resp: 416348

Ion Ratio Lower Upper

82 100

95 6.4 5.5 8.3

138 18.0 15.6 23.4



#26

2-Nitrophenol

Concen: 26.248 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

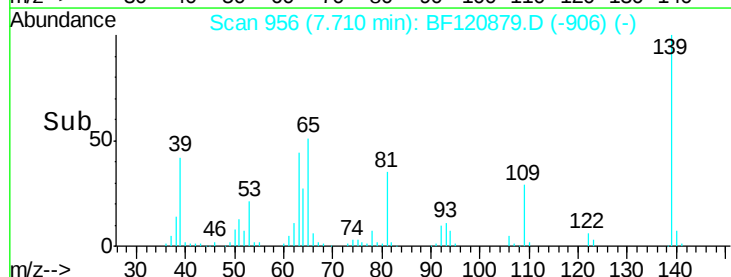
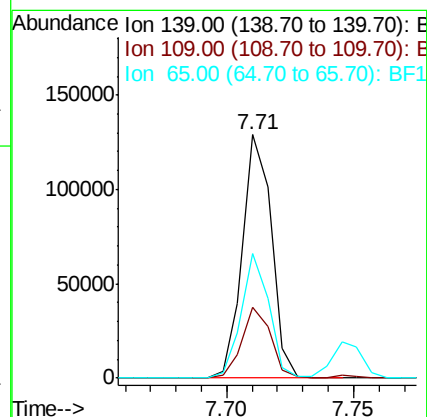
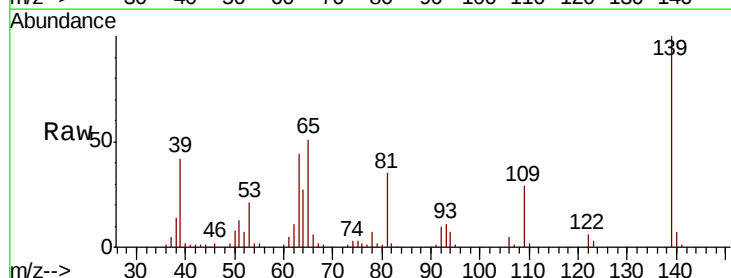
Tgt Ion: 139 Resp: 102719

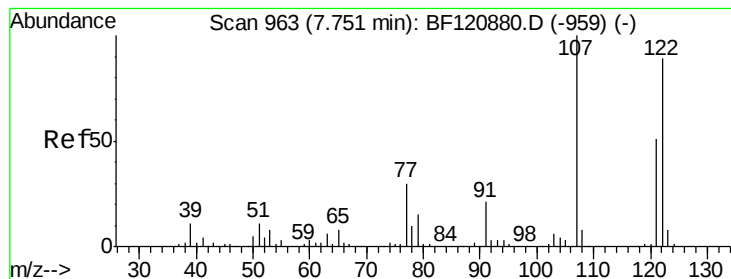
Ion Ratio Lower Upper

139 100

109 29.3 21.6 32.4

65 51.4 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 21.158 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_P

ClientSampled :

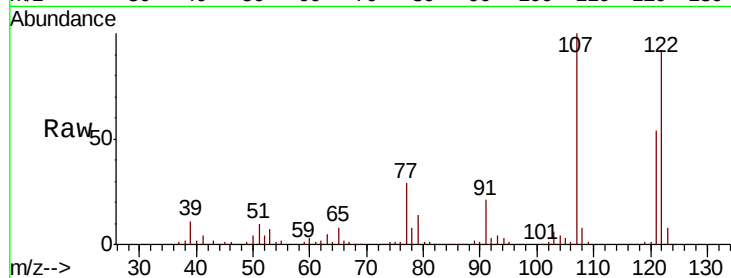
Tot Ion:122 Resp: 173671

Ion Ratio Lower Upper

122 100

107 108.8 89.4 134.0

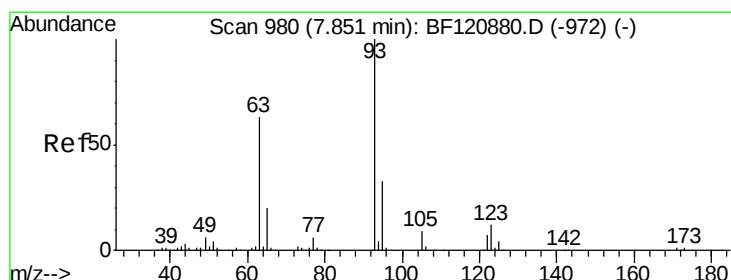
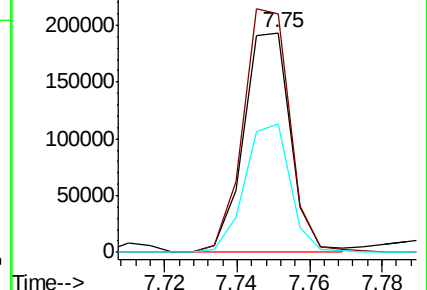
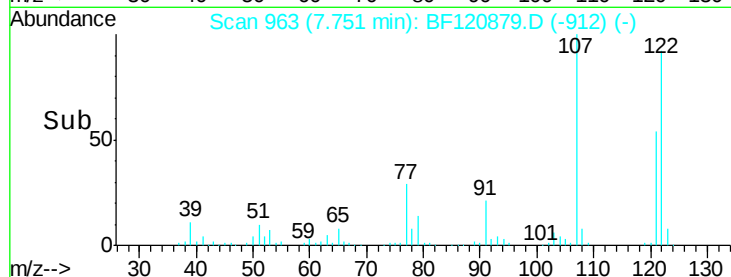
121 58.6 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 21.077 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

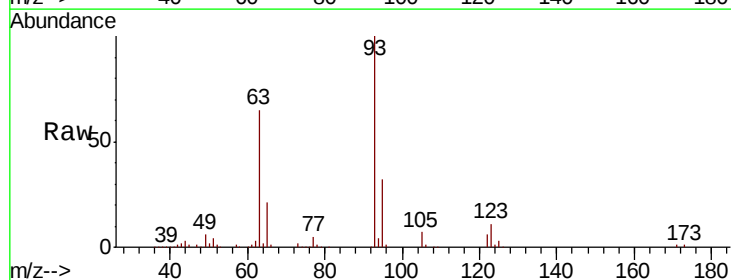
Tgt Ion: 93 Resp: 256503

Ion Ratio Lower Upper

93 100

95 31.8 26.6 39.8

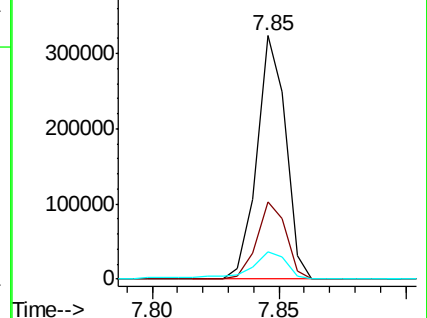
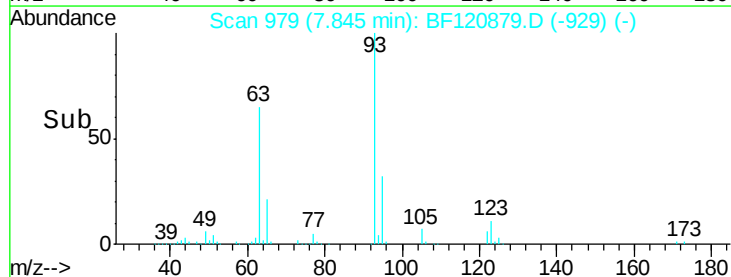
123 11.3 10.0 15.0

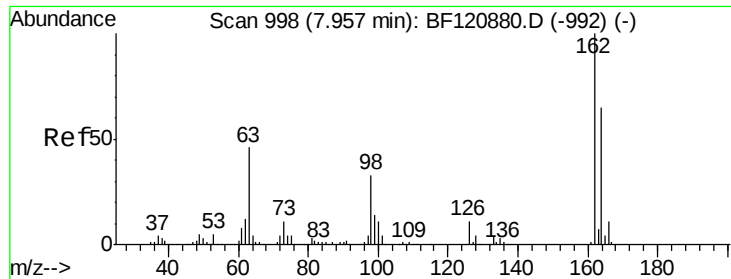


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

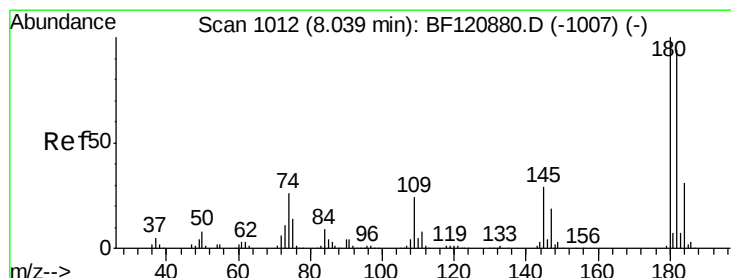
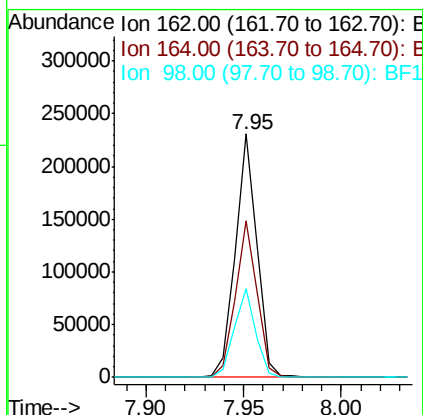
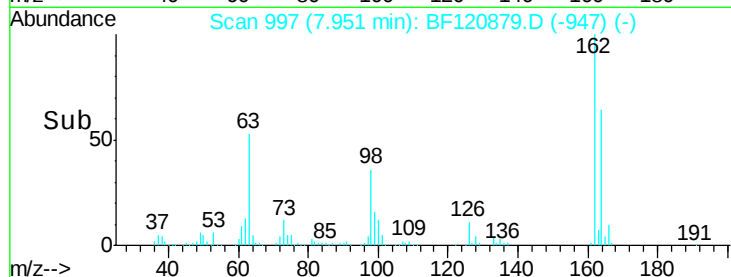
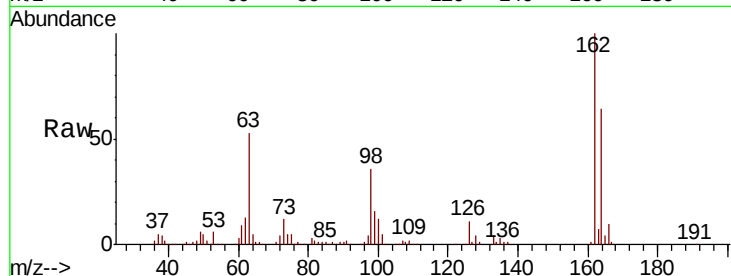




#29
2,4-Dichlorophenol
Concen: 21.551 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

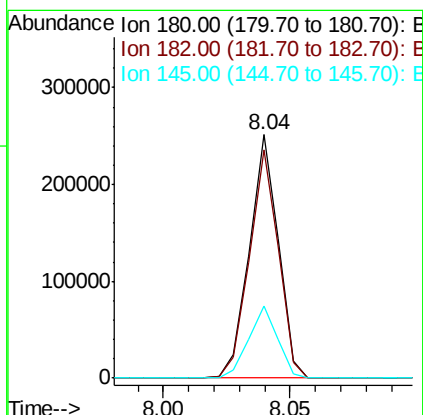
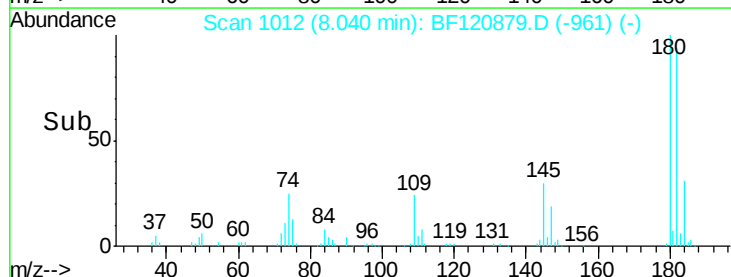
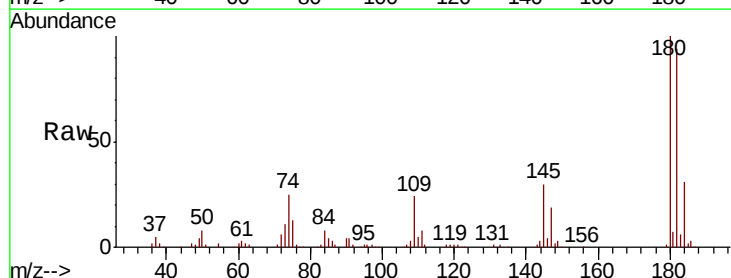
Instrument :
BNA_P
ClientSampleId :

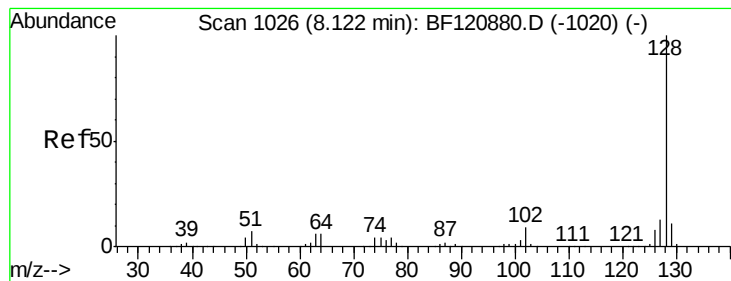
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.3	85.3
98	36.3	13.3	53.3



#30
1,2,4-Trichlorobenzene
Concen: 21.673 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.0	112.6
145	29.8	23.5	35.3





#31

Naphthalene

Concen: 21.519 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_P

ClientSampleId :

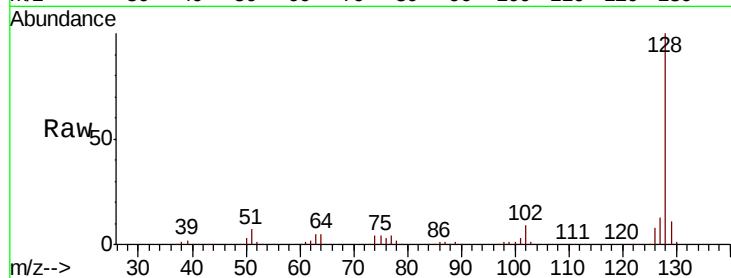
Tot Ion:128 Resp: 635308

Ion Ratio Lower Upper

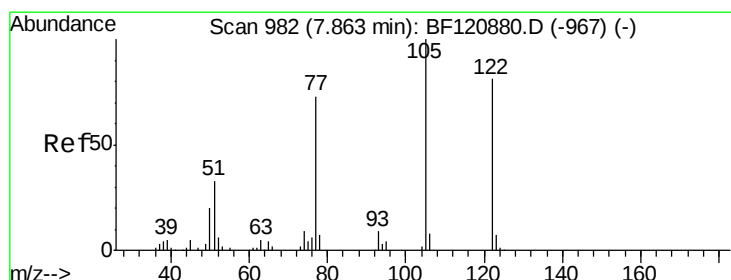
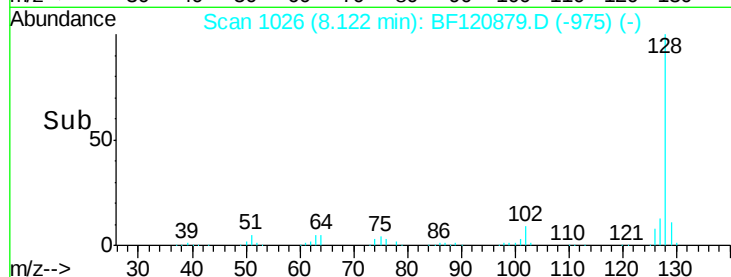
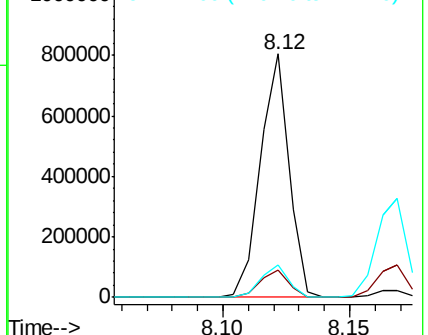
128 100

129 11.2 9.1 13.7

127 13.4 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: 29.351 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

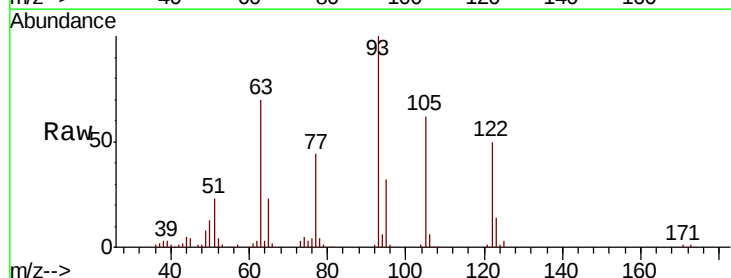
Tgt Ion:122 Resp: 130383

Ion Ratio Lower Upper

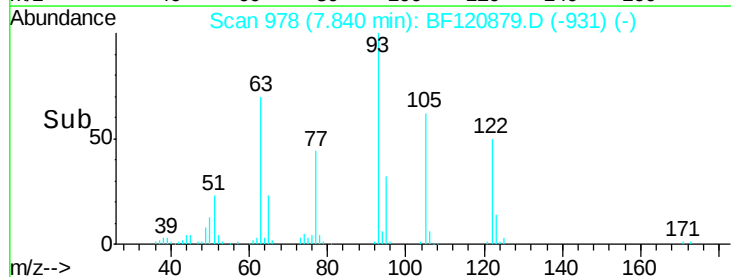
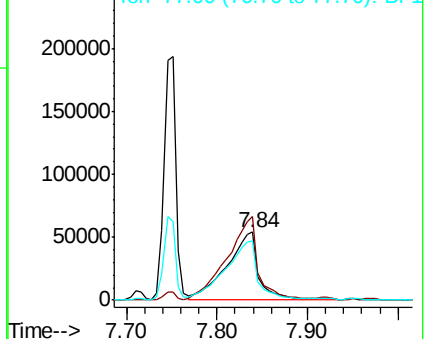
122 100

105 123.8 101.3 141.3

77 87.1 69.1 109.1



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

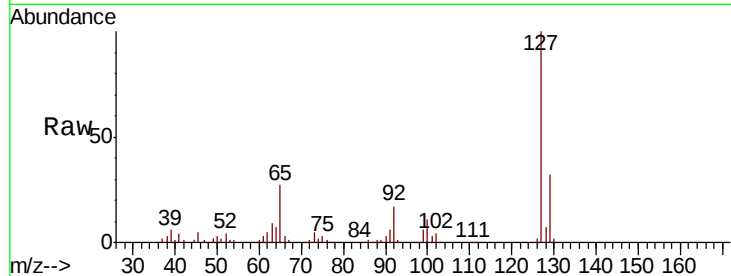




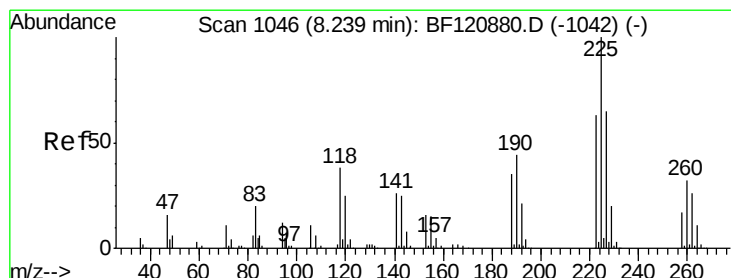
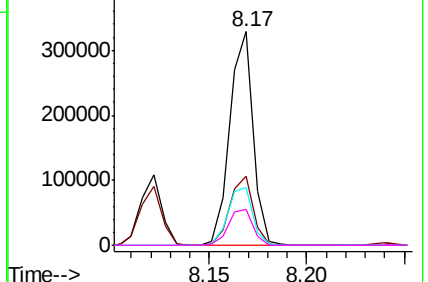
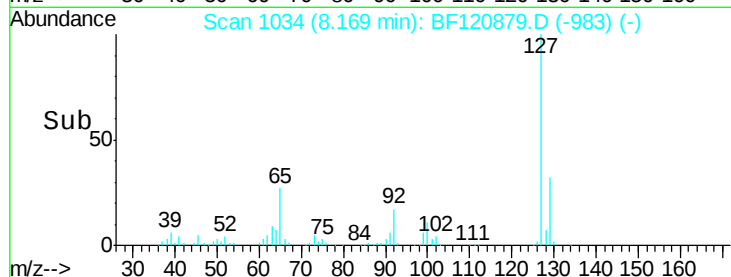
#33
4-Chloroaniline
Concen: 21.778 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_P
ClientSampled :

Tot Ion:127	Resp:	272832	
Ion Ratio	Lower	Upper	
127 100			
129 32.3	26.5	39.7	
65 27.0	23.0	34.4	
92 16.8	14.5	21.7	

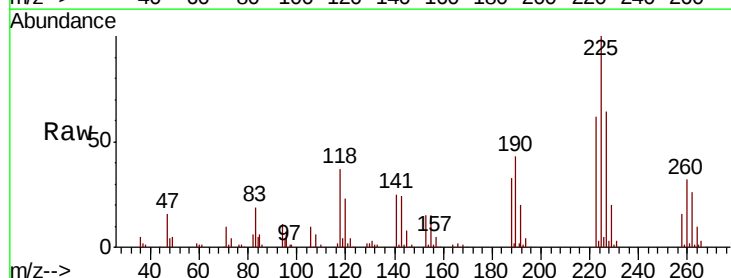


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

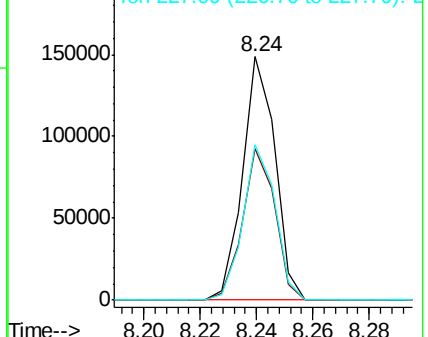
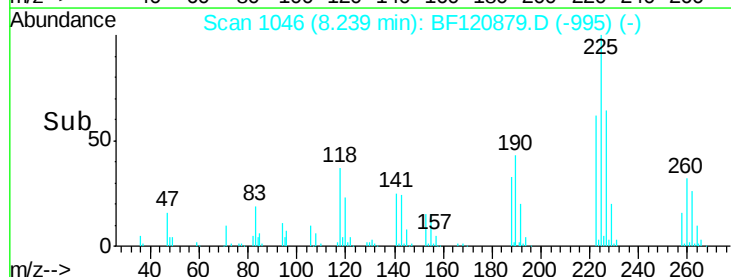


#34
Hexachlorobutadiene
Concen: 21.375 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt	Ion:225	Resp:	118321
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	63.8	52.2	78.2



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

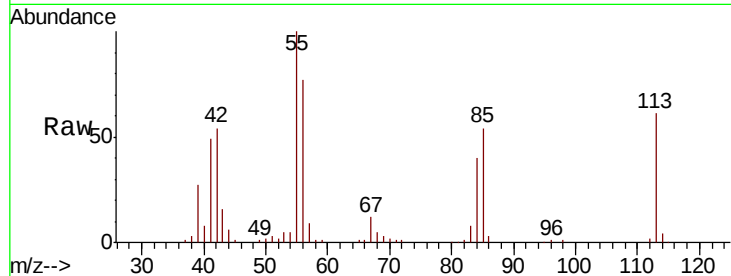




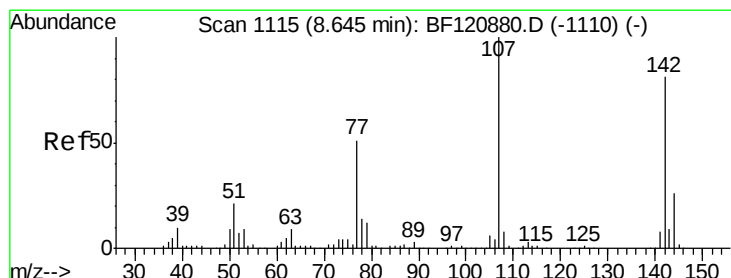
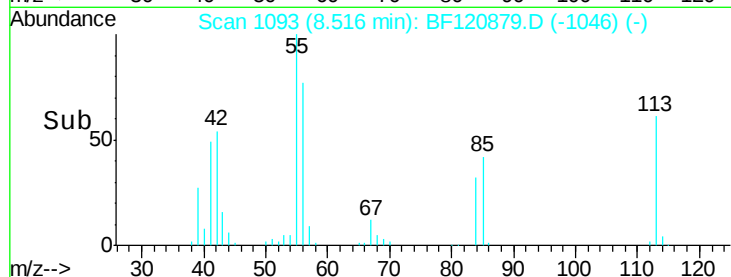
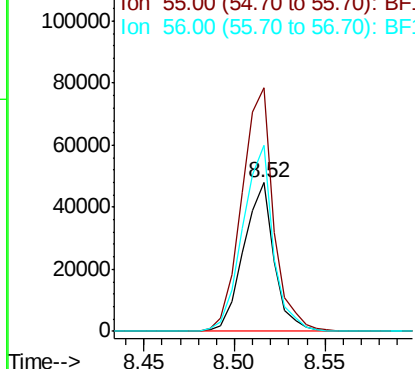
#35
Caprolactam
Concen: 23.454 ng
RT: 8.52 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_P
ClientSampled :

Tot Ion:113 Resp: 56000
Ion Ratio Lower Upper
113 100
55 163.8 143.3 183.3
56 125.4 99.4 139.4

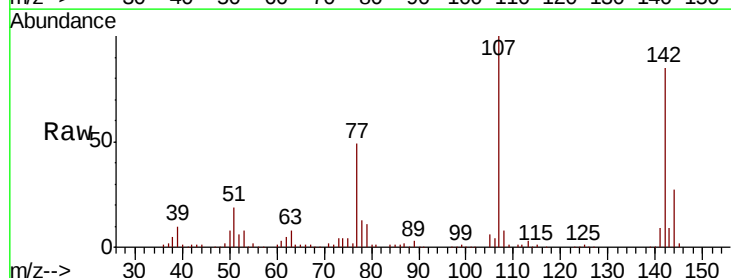


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

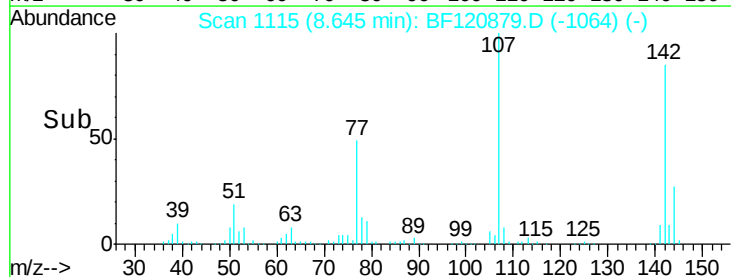
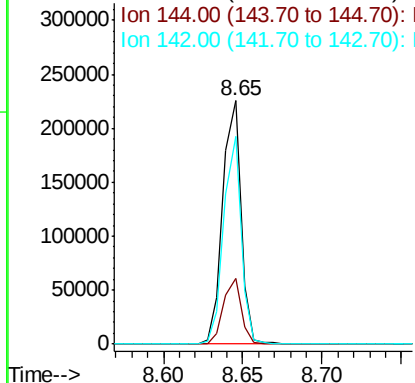


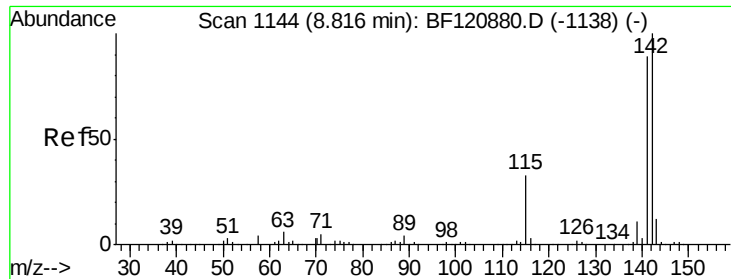
#36
4-Chloro-3-methylphenol
Concen: 21.362 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:107 Resp: 182085
Ion Ratio Lower Upper
107 100
144 27.0 21.0 31.6
142 85.2 65.0 97.6



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

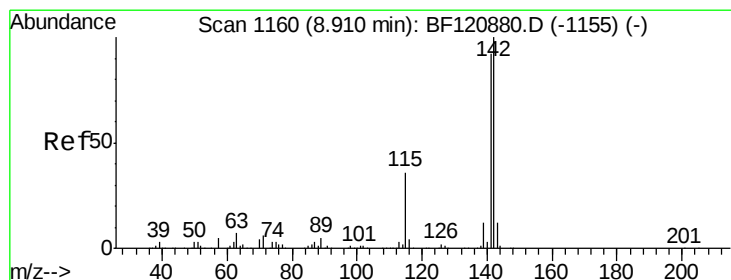
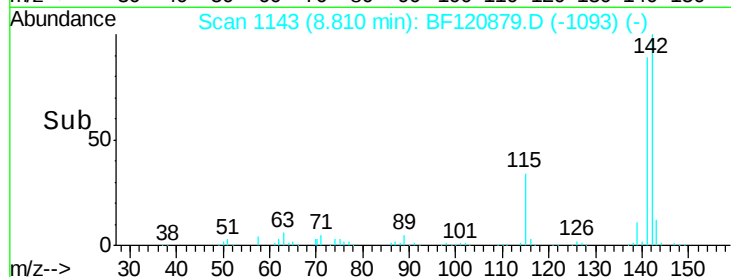
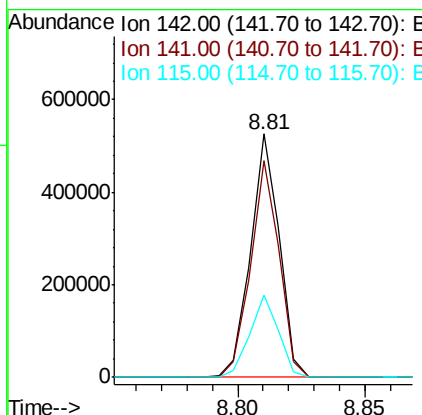
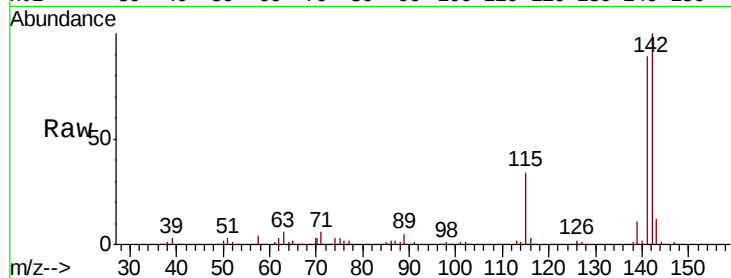




#37
2-Methylnaphthalene
Concen: 21.492 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

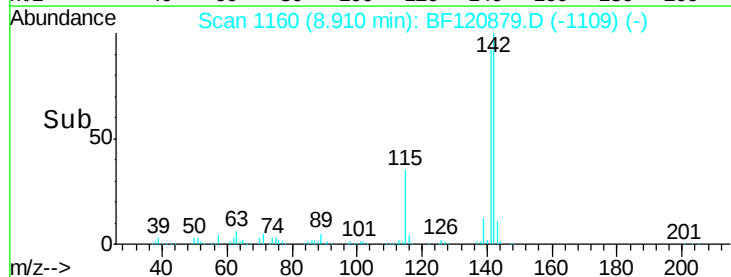
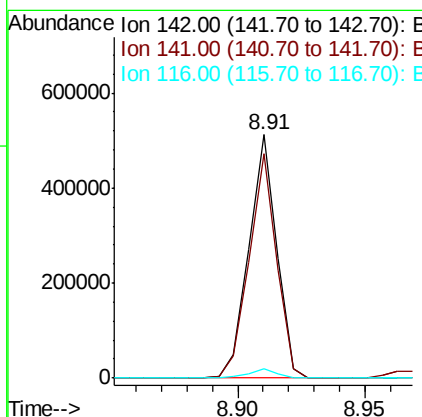
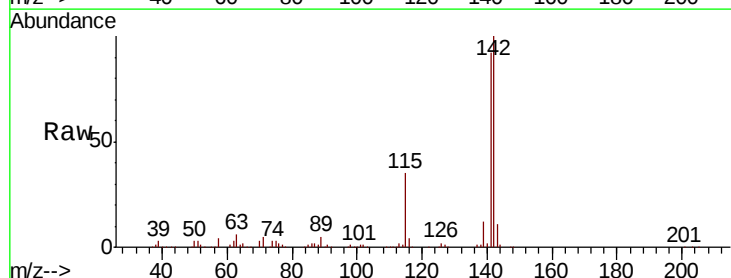
Instrument :
BNA_P
ClientSampleId :

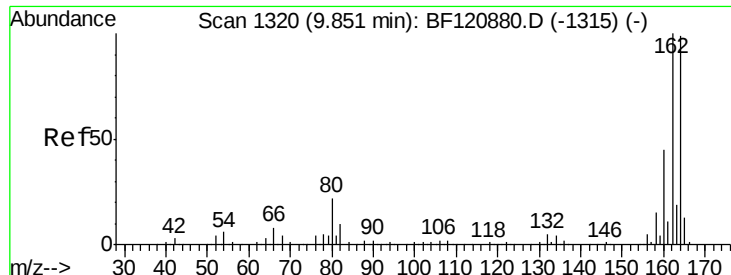
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.4
115	33.6	26.0	39.0



#38
1-Methylnaphthalene
Concen: 21.773 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.7	110.5
116	3.7	3.0	4.6

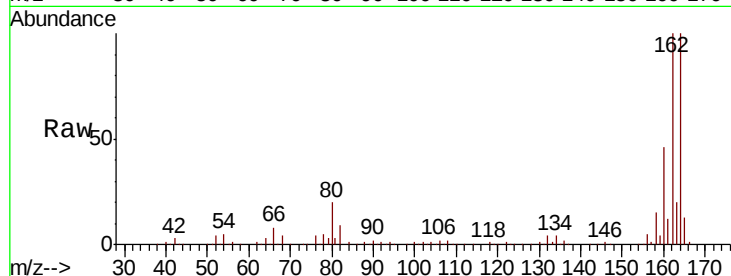




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.2	121.8
160	46.0	36.9	55.3

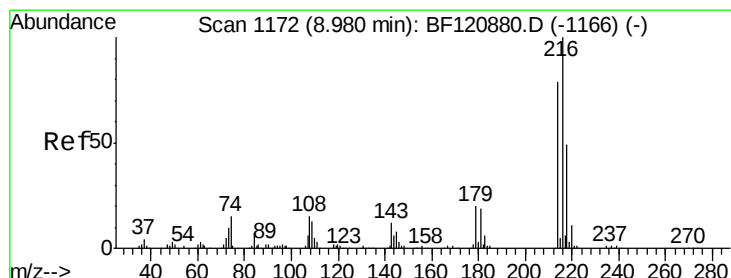
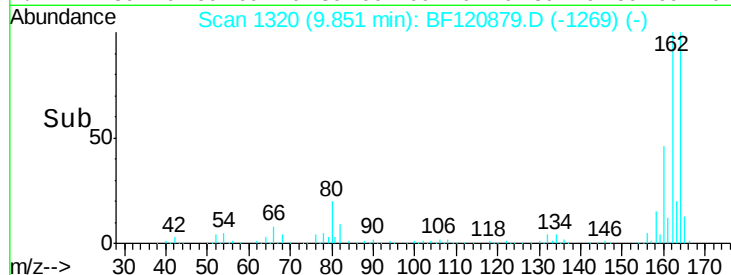
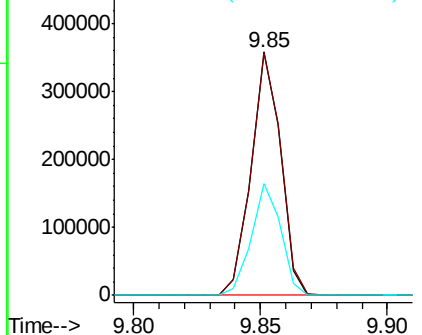


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.247 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.8	95.8
179	20.7	16.6	24.8
108	19.3	15.4	23.0

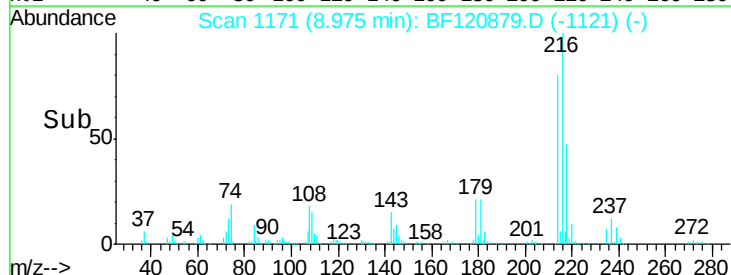
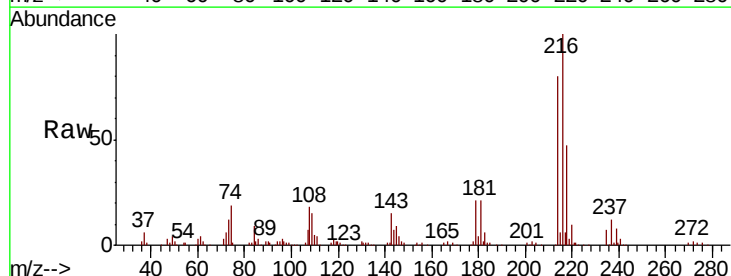
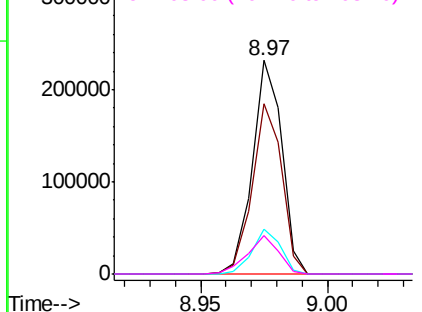
Abundance

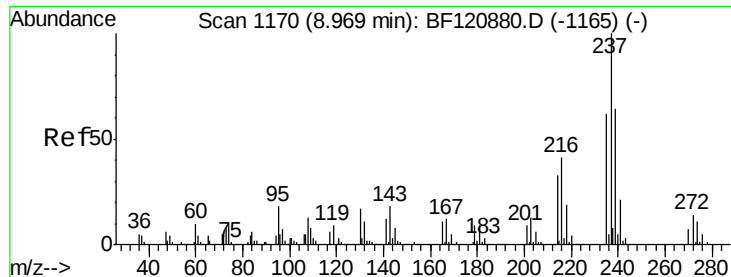
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 19.497 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_P

ClientSampleId :

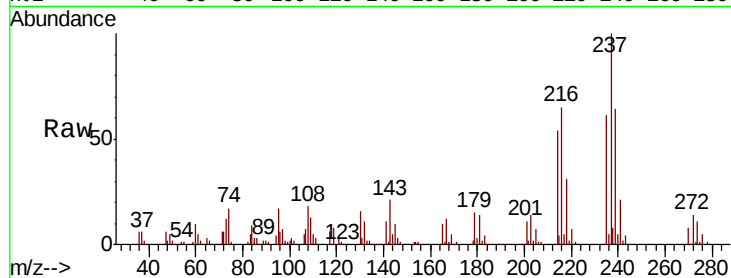
Tot Ion:237 Resp: 101597

Ion Ratio Lower Upper

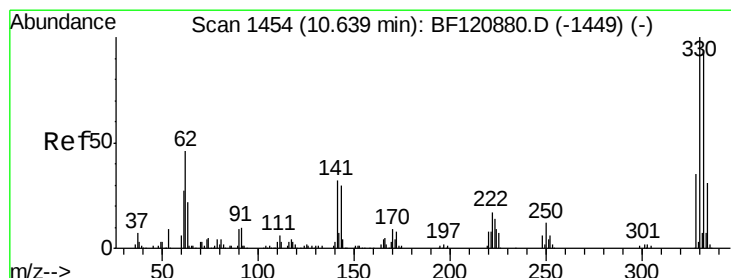
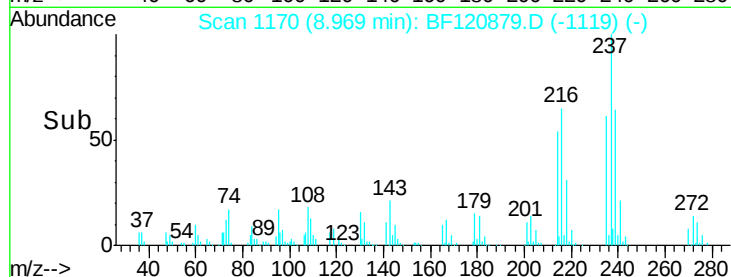
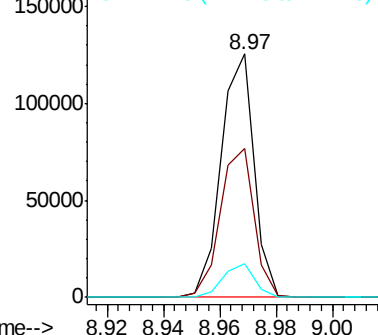
237 100

235 61.2 41.6 81.6

272 13.8 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 48.685 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

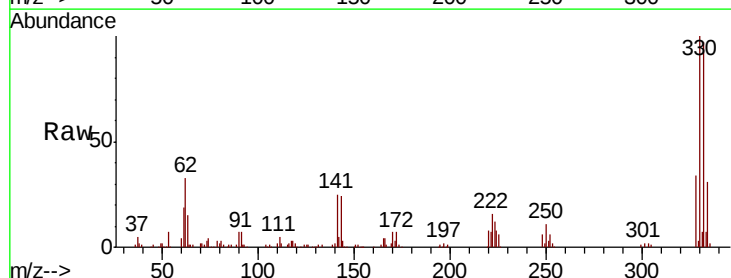
Tgt Ion:330 Resp: 142732

Ion Ratio Lower Upper

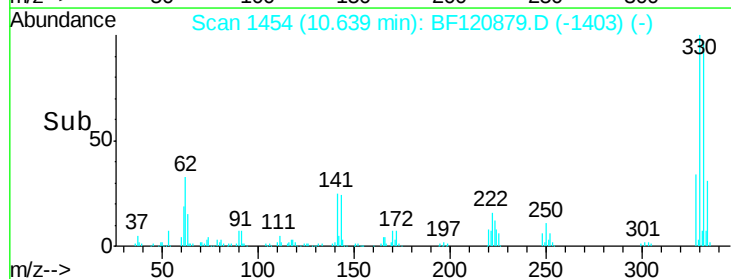
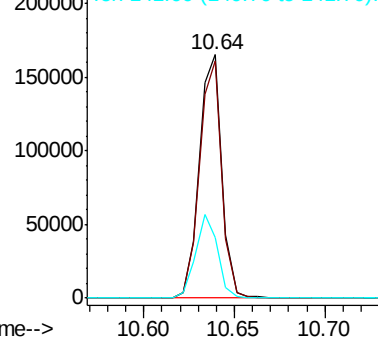
330 100

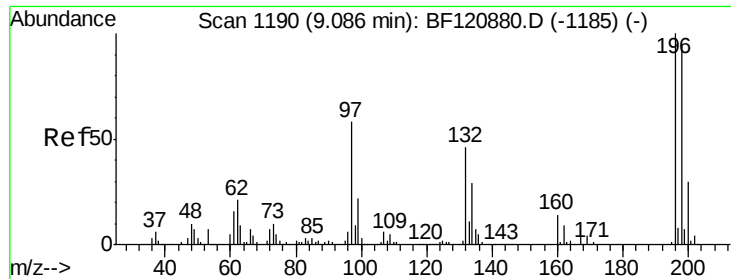
332 96.1 75.5 113.3

141 33.2 25.7 38.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

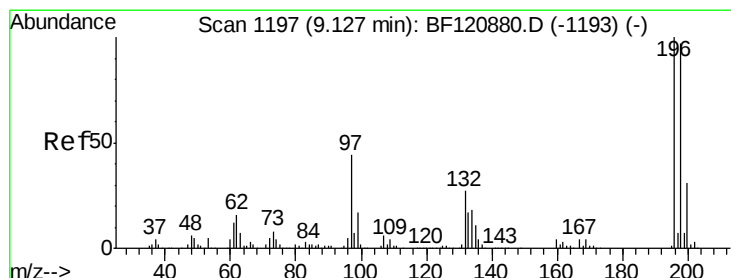
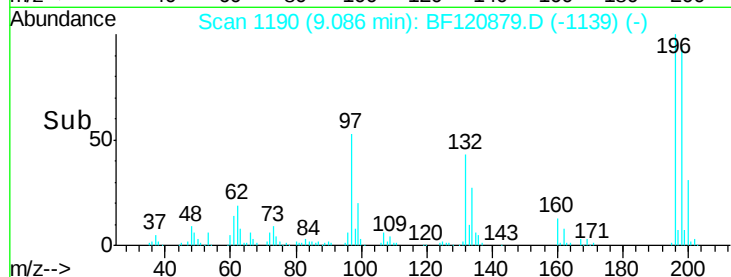
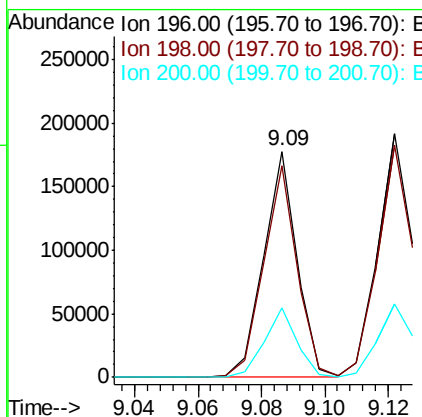
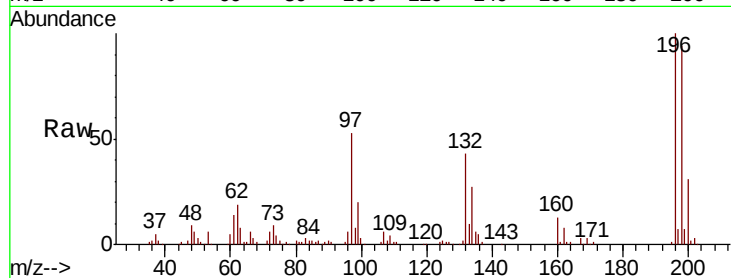




#43
 2,4,6-Trichlorophenol
 Concen: 21.721 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

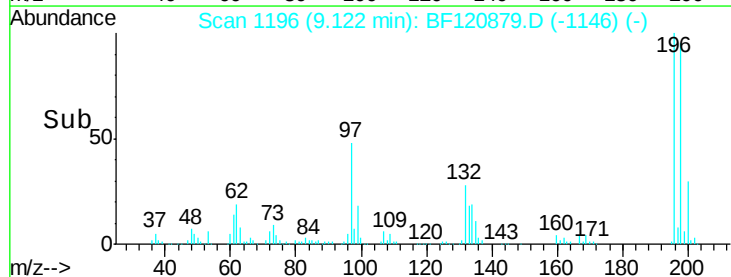
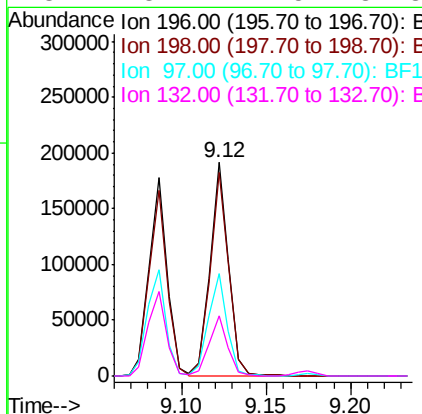
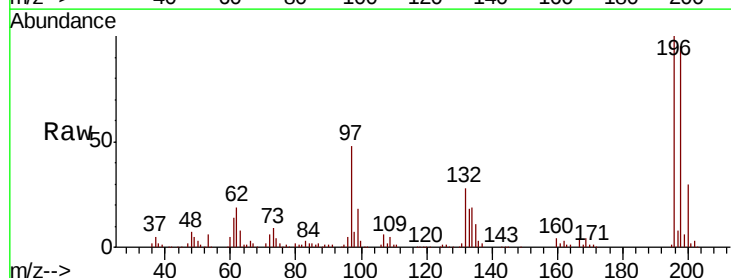
Instrument :
 BNA_P
 ClientSampled :

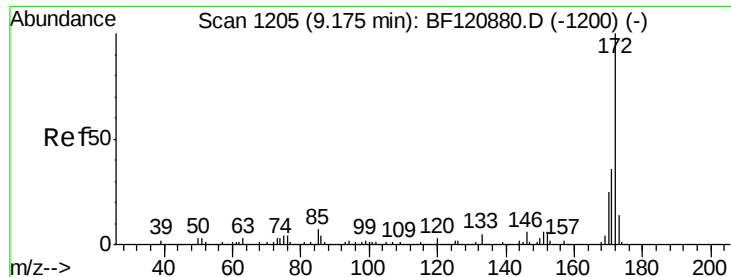
Tot Ion:196 Resp: 130538
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.7 113.5
 200 30.5 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 22.086 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion:196 Resp: 147303
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.6 116.4
 97 48.0 35.6 53.4
 132 28.2 21.5 32.3

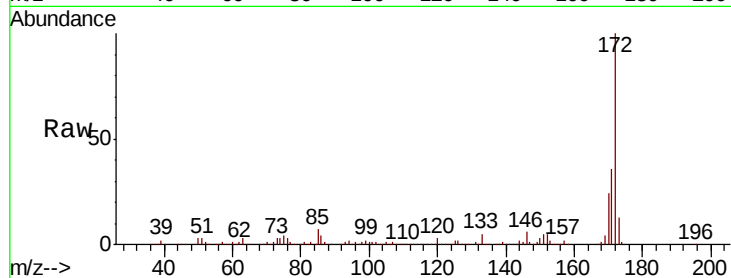




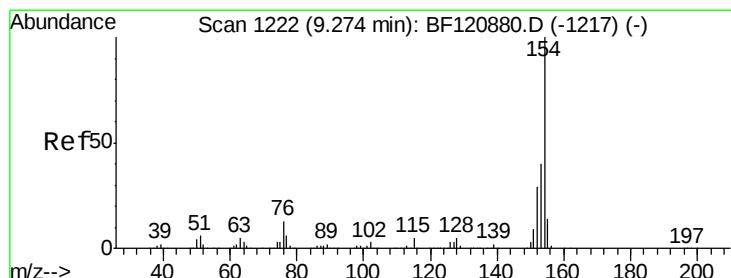
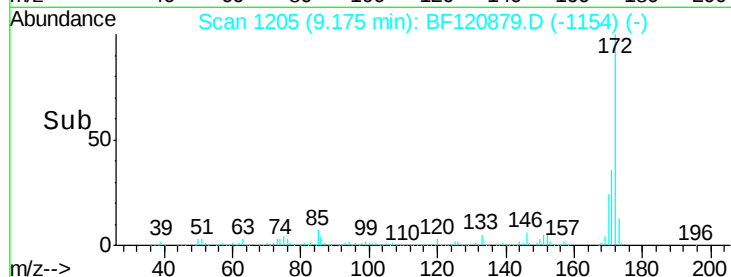
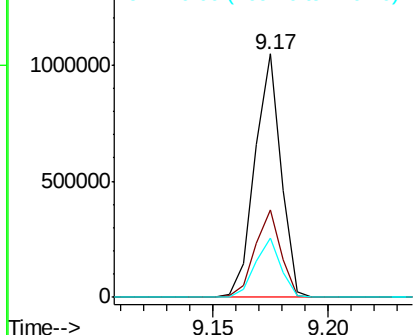
#45
2-Fluorobiphenyl
Concen: 43.021 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_P
ClientSampled :

Tot Ion:172 Resp: 829797
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.2 19.6 29.4

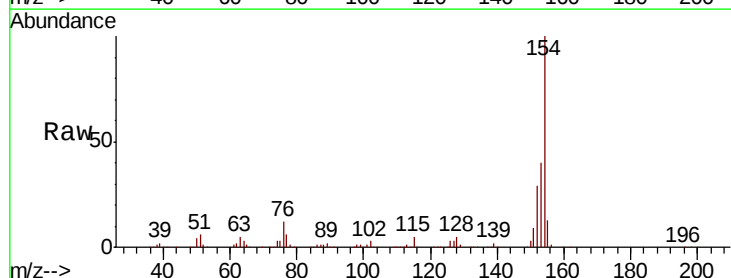


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

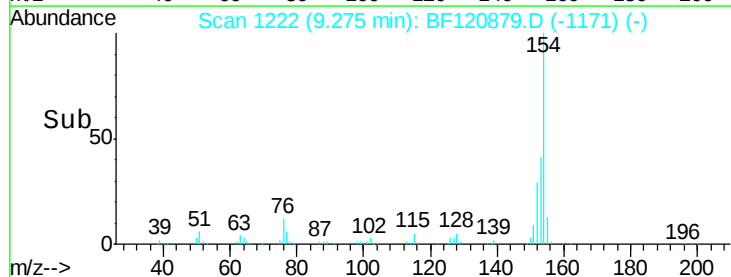
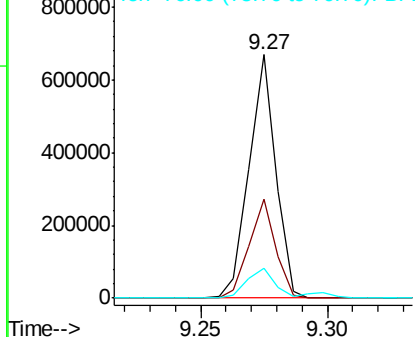


#46
1,1'-Biphenyl
Concen: 20.898 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:154 Resp: 491921
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 12.1 0.0 33.1



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

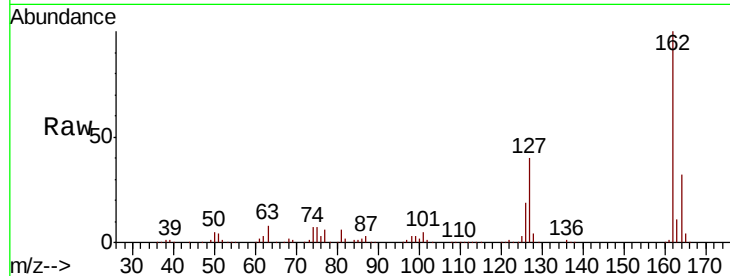




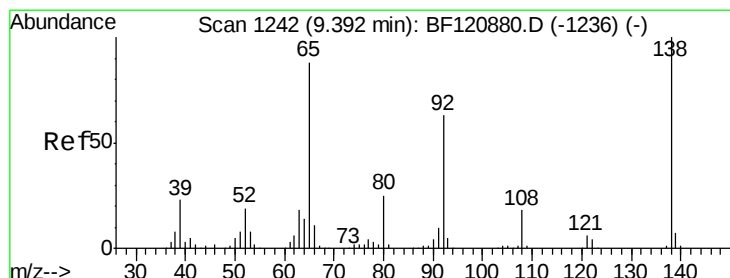
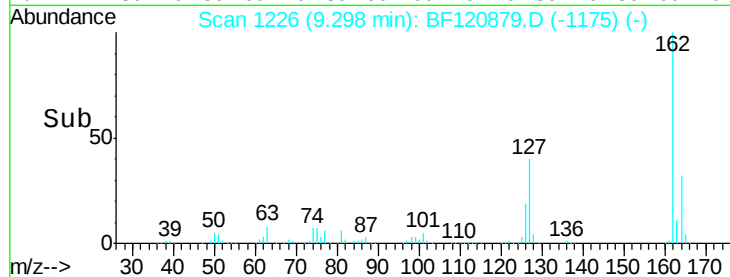
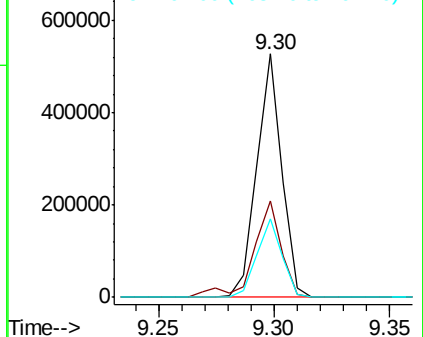
#47
 2-Chloronaphthalene
 Concen: 21.046 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:162 Resp: 396881
 Ion Ratio Lower Upper
 162 100
 127 39.7 33.3 49.9
 164 32.3 26.6 39.8

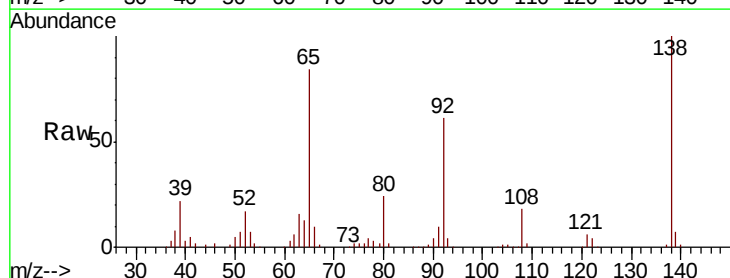


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

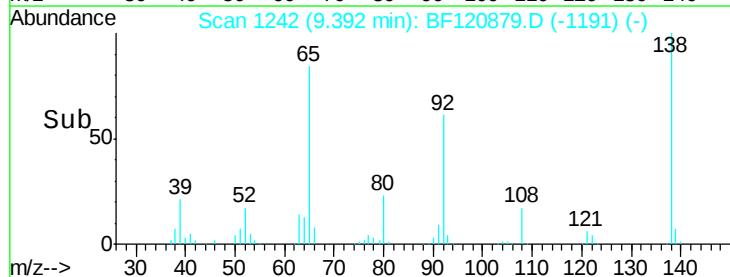
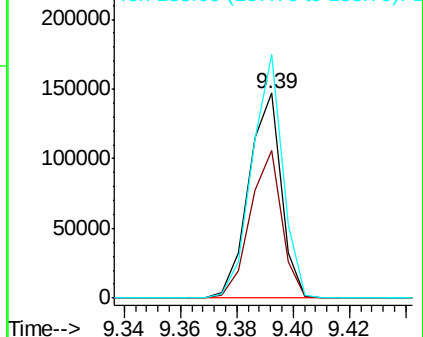


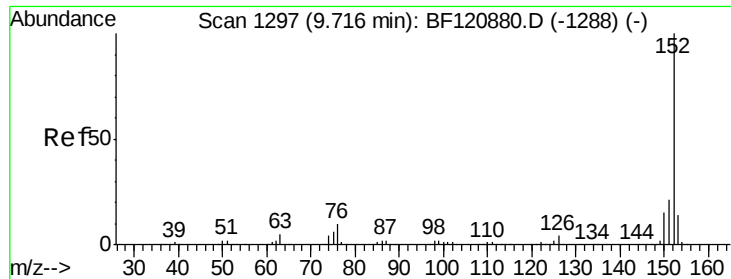
#48
 2-Nitroaniline
 Concen: 23.251 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion: 65 Resp: 117314
 Ion Ratio Lower Upper
 65 100
 92 72.1 57.0 85.4
 138 118.9 90.4 135.6



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: 21.015 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_P

ClientSampleId :

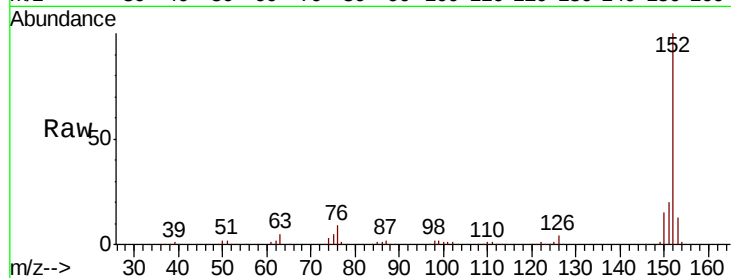
Tot Ion:152 Resp: 621322

Ion Ratio Lower Upper

152 100

151 20.3 16.6 25.0

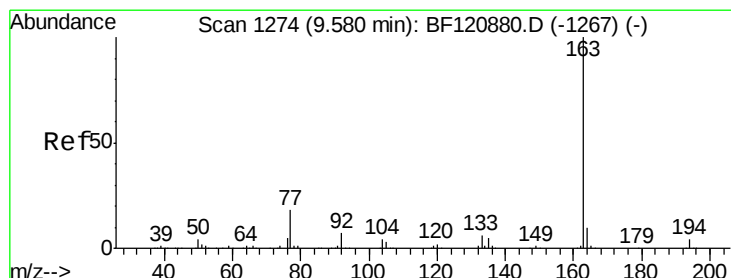
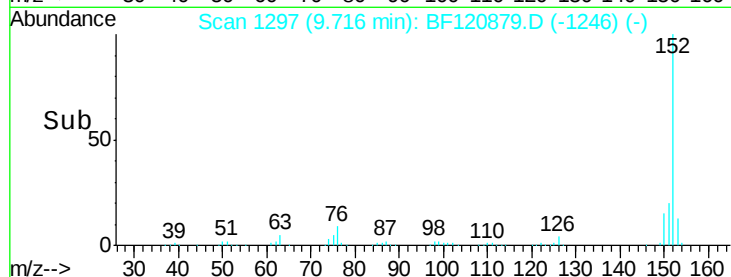
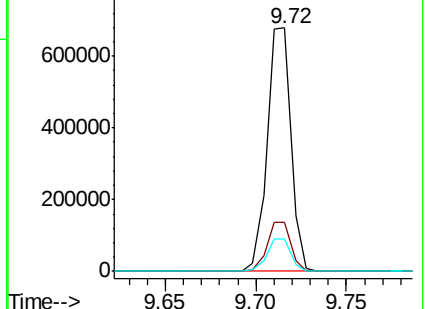
153 13.1 10.9 16.3



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: 21.305 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

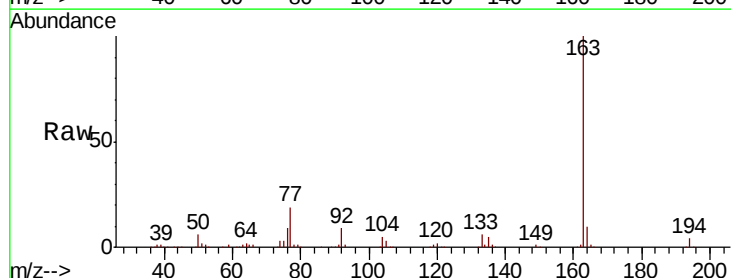
Tgt Ion:163 Resp: 453536

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

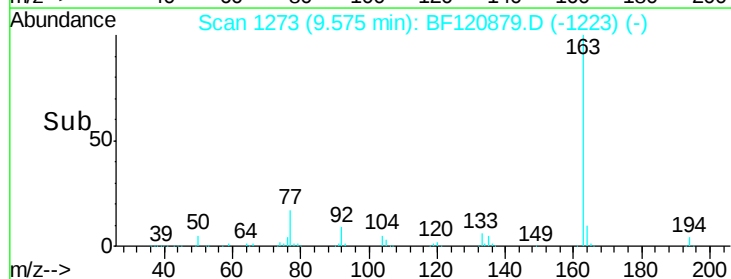
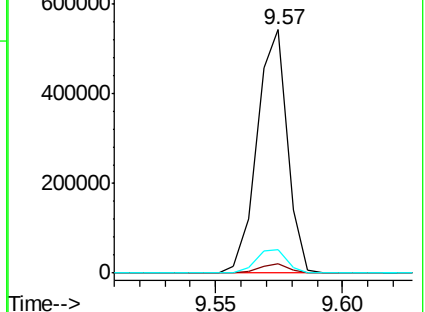
164 9.8 7.9 11.9

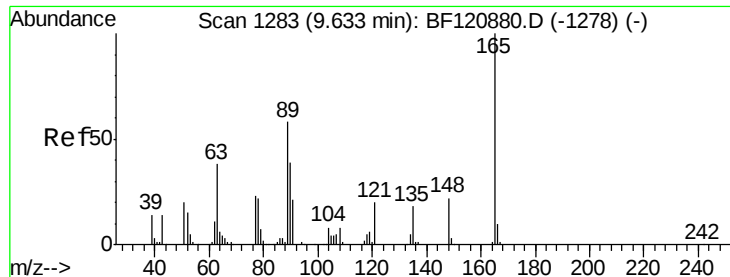


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 24.636 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_P

ClientSampleId :

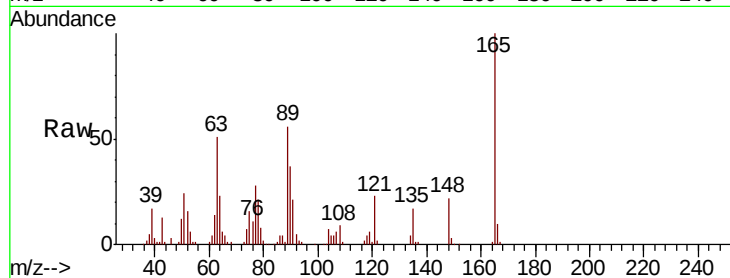
Tot Ion:165 Resp: 94744

Ion Ratio Lower Upper

165 100

63 51.3 45.4 68.2

89 56.1 47.0 70.4



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

150000

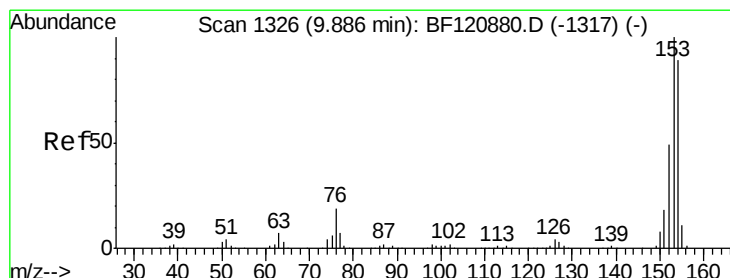
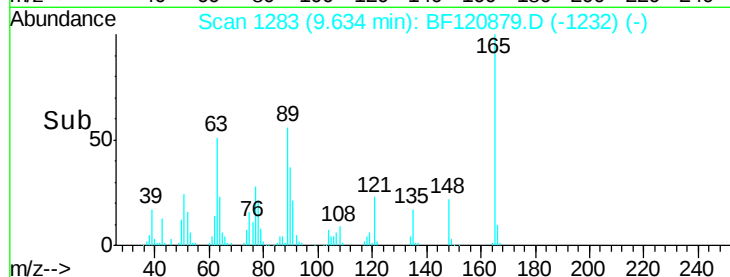
100000

50000

0

9.58 9.60 9.62 9.64 9.66

Time-->



#52

Acenaphthene

Concen: 21.291 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

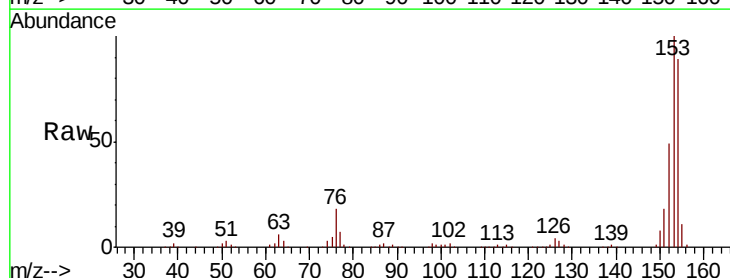
Tgt Ion:154 Resp: 390507

Ion Ratio Lower Upper

154 100

153 111.8 89.5 134.3

152 54.6 44.2 66.2



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

600000

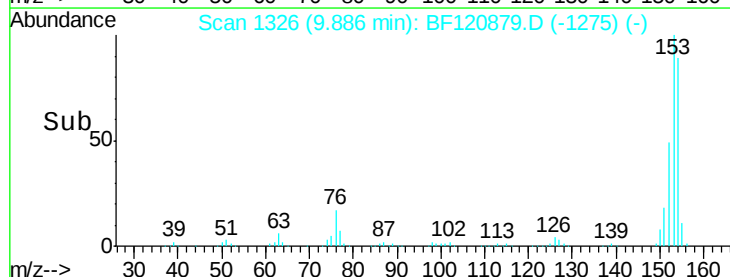
400000

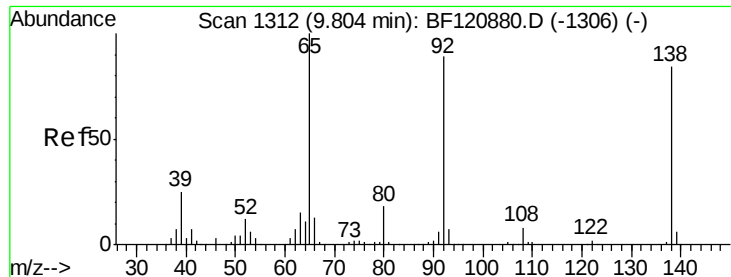
200000

0

9.80 9.85 9.90 9.95

Time-->

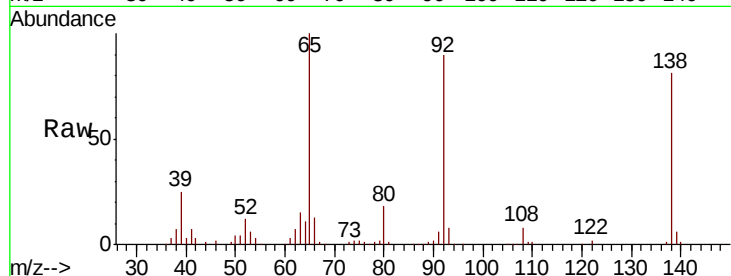




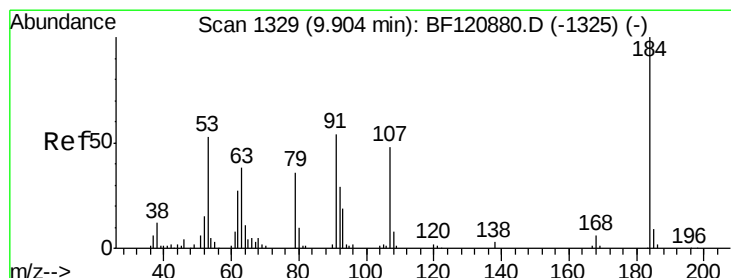
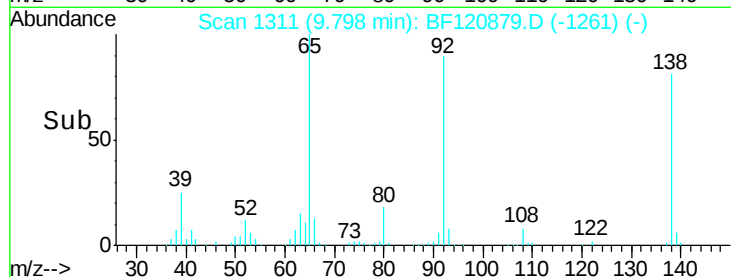
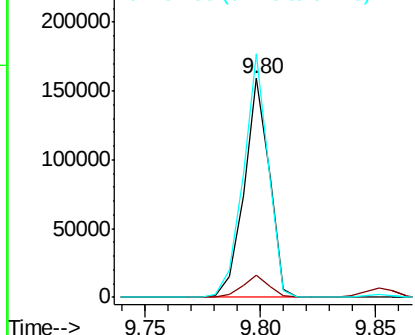
#53
3-Nitroaniline
Concen: 25.491 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_P
ClientSampleId :

Tot Ion:138 Resp: 121111
Ion Ratio Lower Upper
138 100
108 10.1 7.9 11.9
92 111.1 85.3 127.9

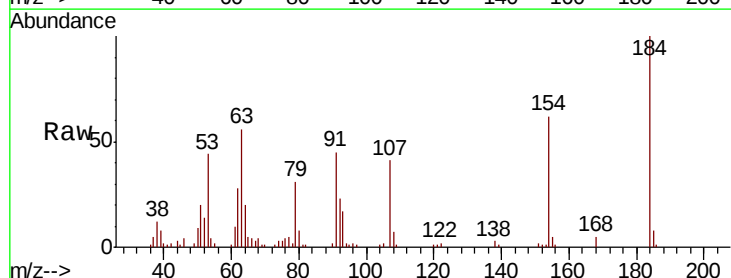


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

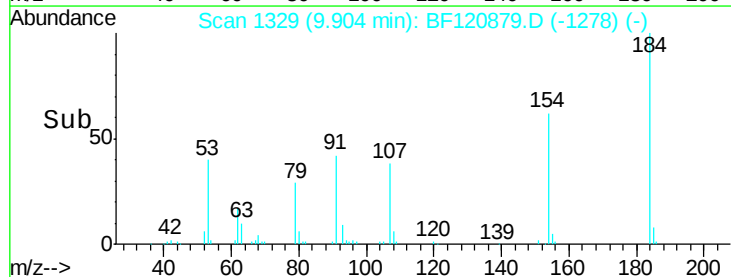
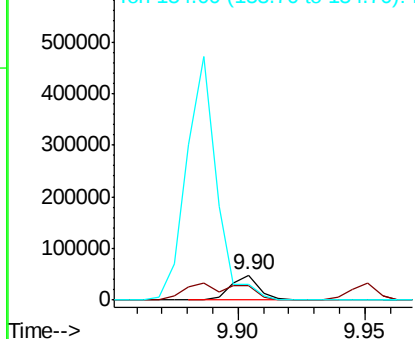


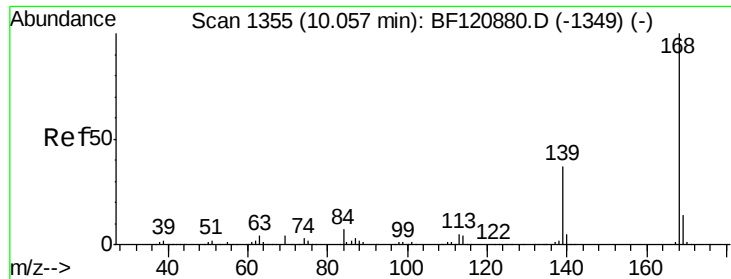
#54
2,4-Dinitrophenol
Concen: 29.947 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:184 Resp: 38036
Ion Ratio Lower Upper
184 100
63 56.4 57.9 86.9#
154 62.2 52.6 78.8



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

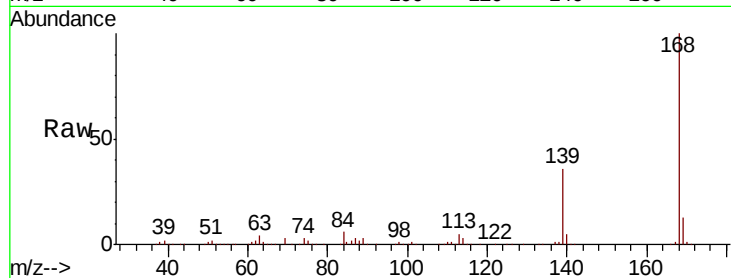




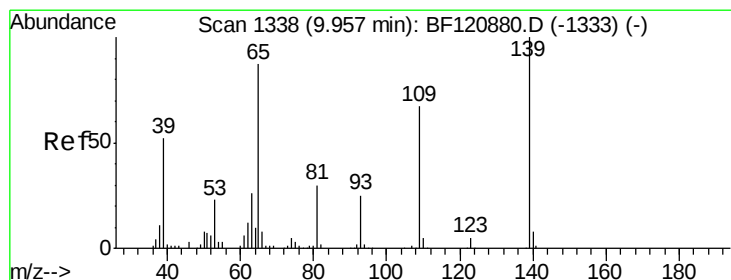
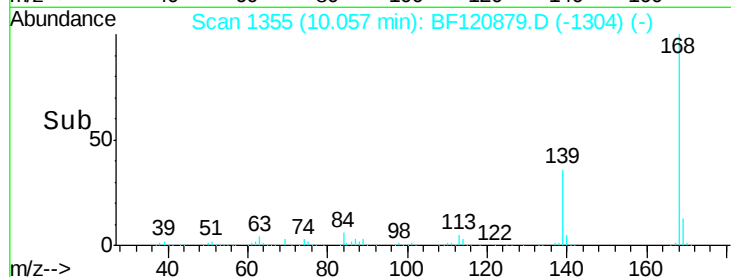
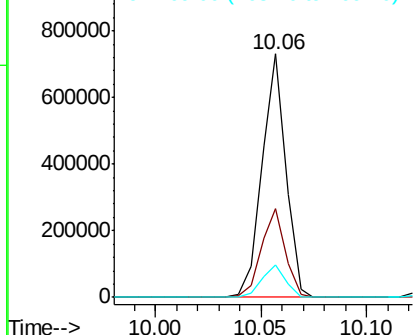
#55
Dibenzenofuran
Concen: 21.640 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_P
ClientSampled :

Tot Ion:168 Resp: 572125
Ion Ratio Lower Upper
168 100
139 36.3 29.7 44.5
169 13.5 11.1 16.7

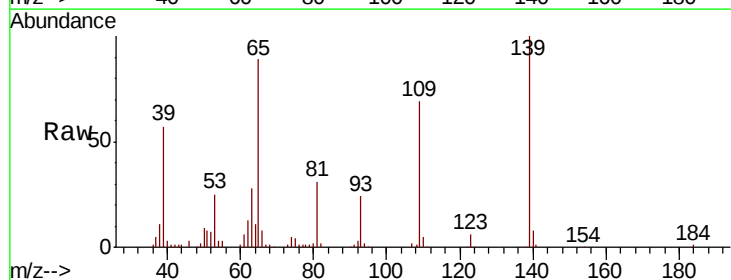


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

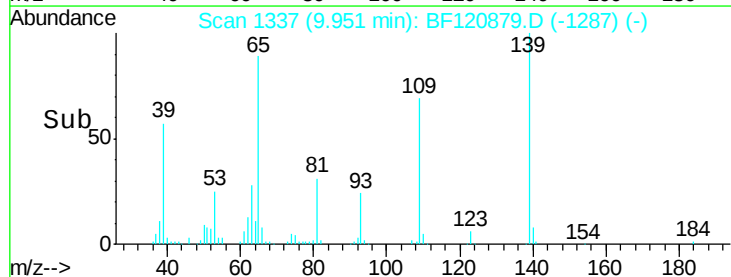
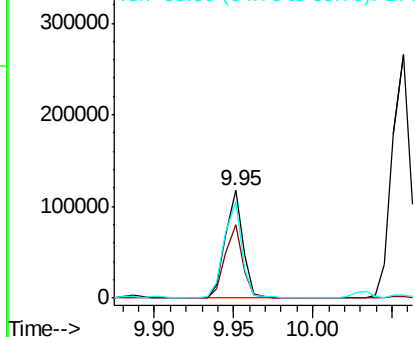


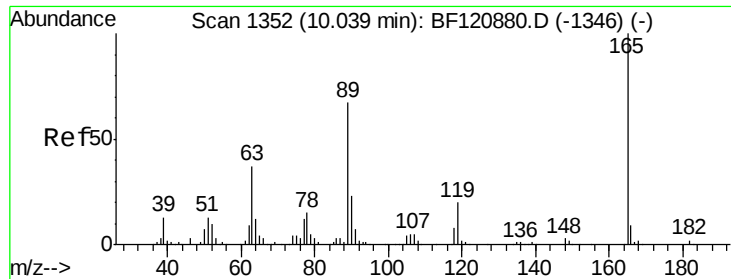
#56
4-Nitrophenol
Concen: 25.951 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:139 Resp: 90564
Ion Ratio Lower Upper
139 100
109 68.6 47.3 87.3
65 89.1 67.2 107.2



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

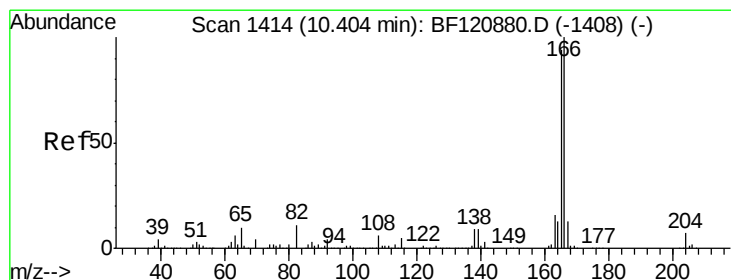
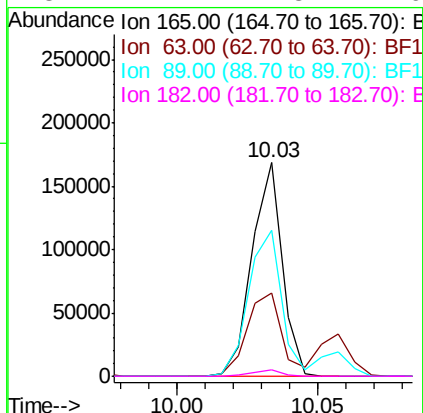
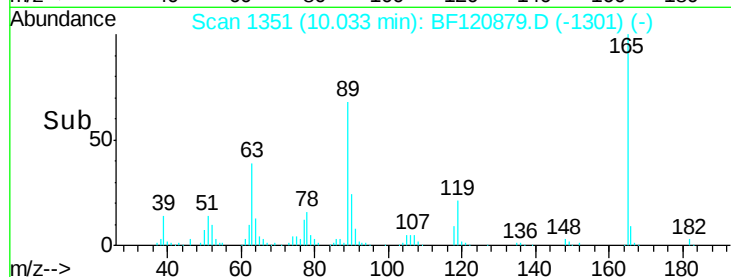
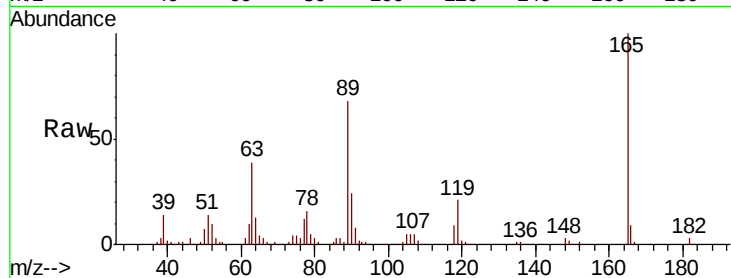




#57
2,4-Dinitrotoluene
Concen: 27.227 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

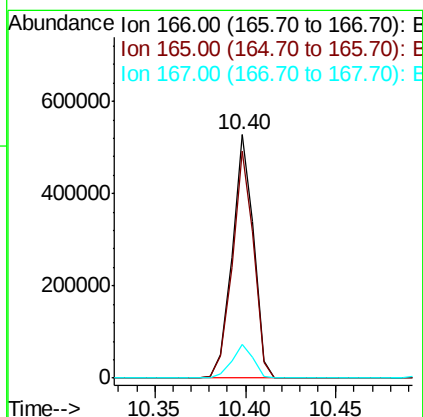
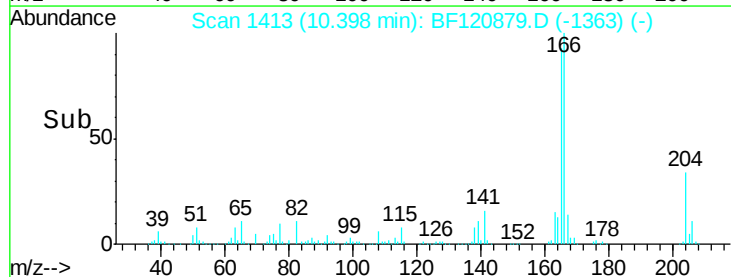
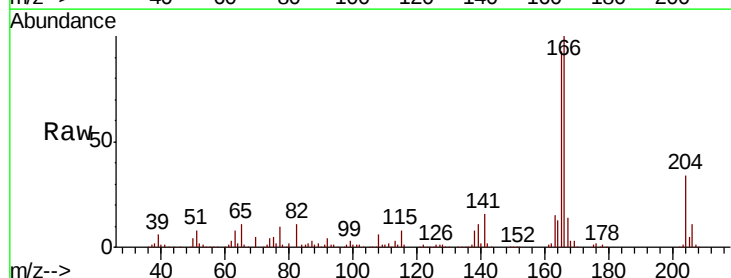
Instrument :
BNA_P
ClientSampleId :

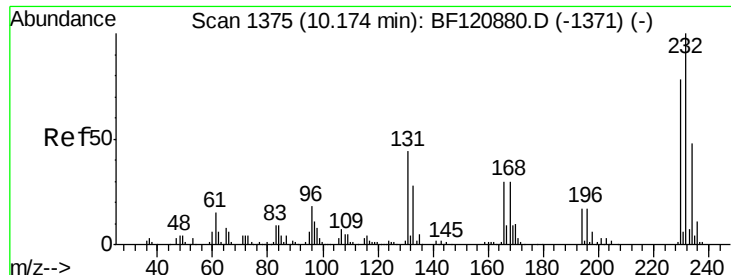
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.0	29.4	44.2
89	68.3	53.4	80.0
182	2.7	1.8	2.6



#58
Fluorene
Concen: 21.906 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.4	75.4	113.0
167	13.6	10.6	15.8

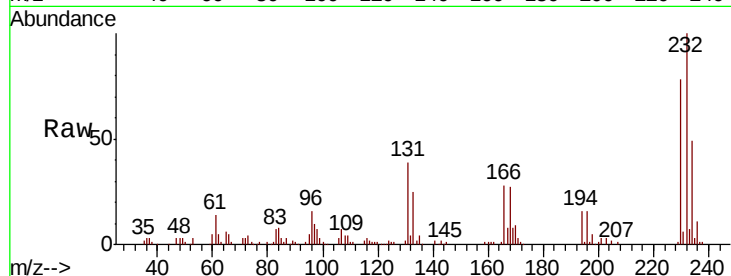




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 22.829 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.4	37.1	55.7
130	2.4	1.7	2.5
166	30.3	24.2	36.4

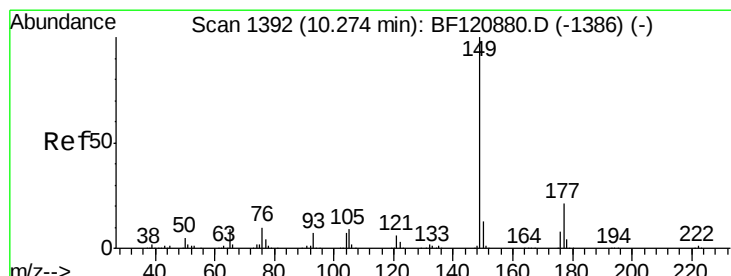
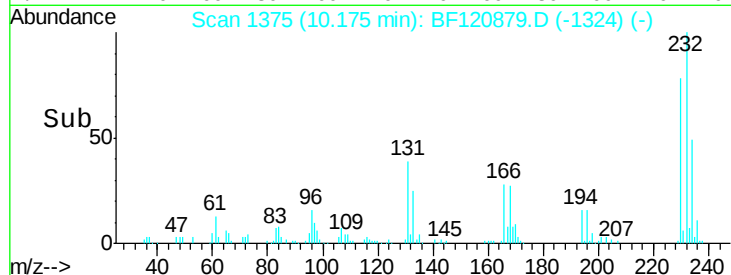
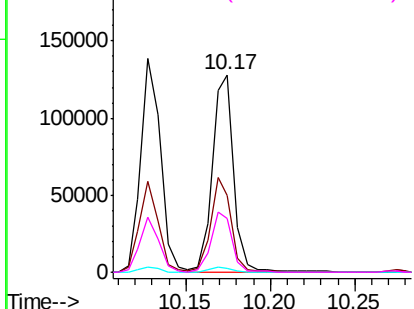


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

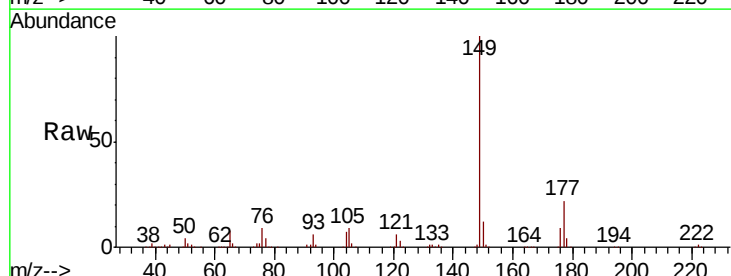
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 20.883 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

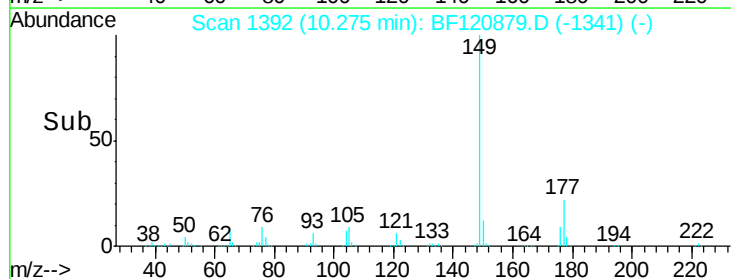
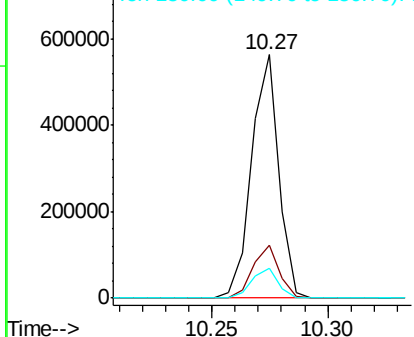
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.1	25.7
150	12.5	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

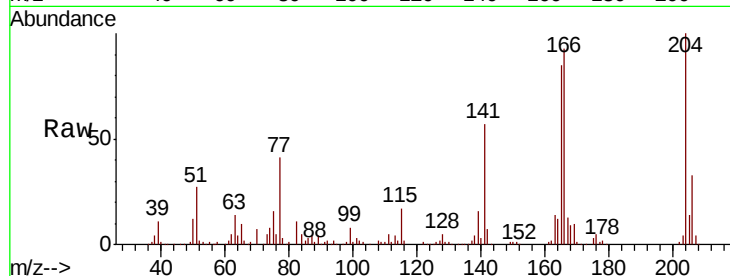




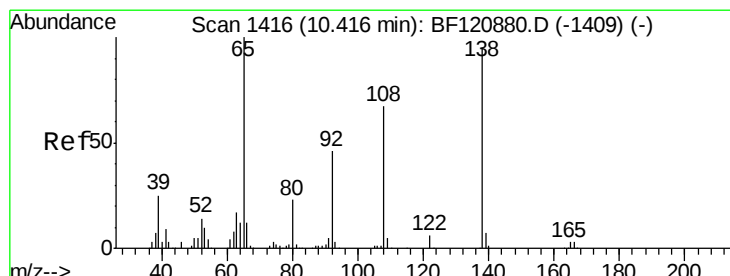
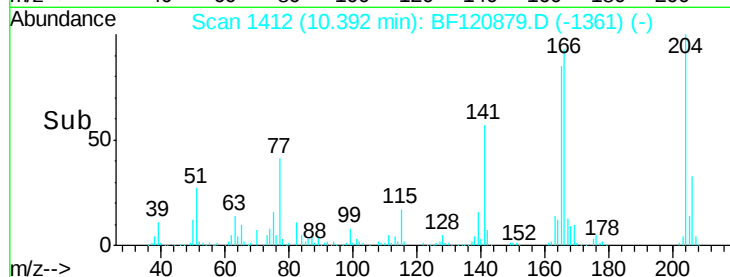
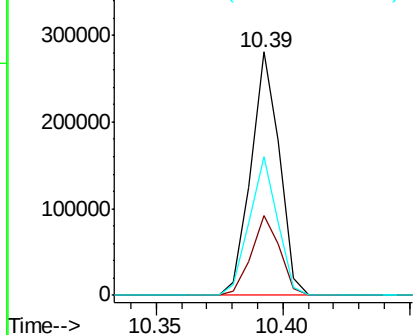
#61
4-Chlorophenyl-phenylether
Concen: 22.193 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_P
ClientSampleId :

Tot Ion:204 Resp: 219545
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 56.9 47.2 70.8

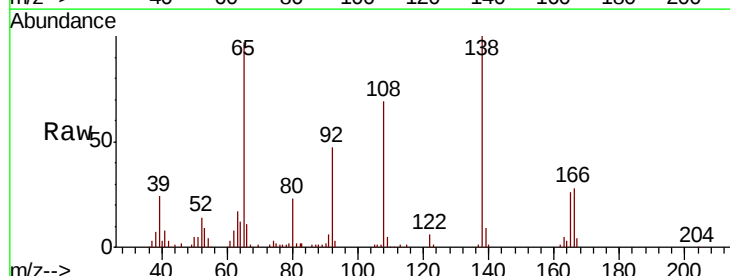


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

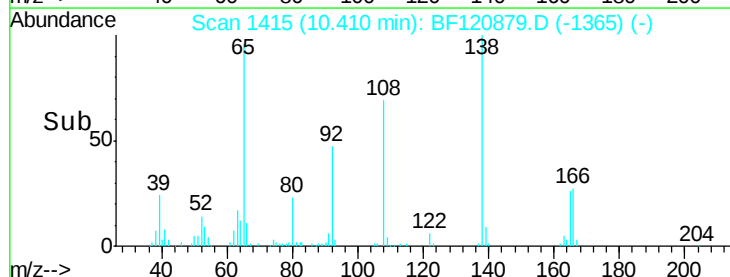
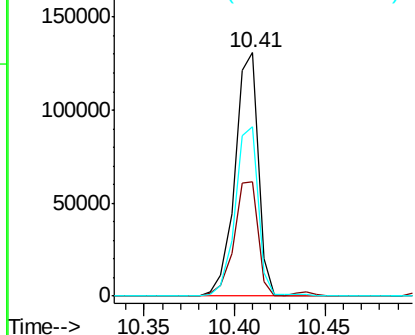


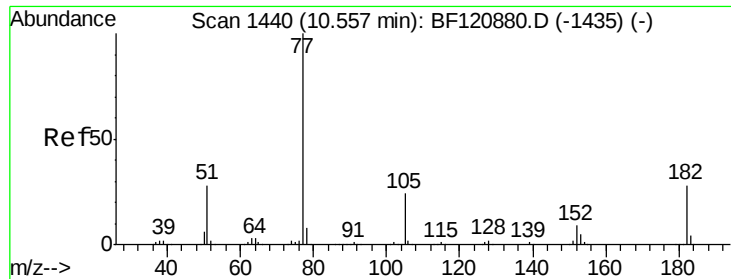
#62
4-Nitroaniline
Concen: 25.971 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:138 Resp: 117465
Ion Ratio Lower Upper
138 100
92 46.8 28.6 68.6
108 69.3 51.1 91.1



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

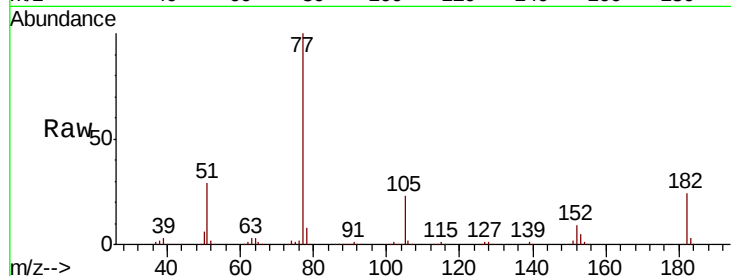




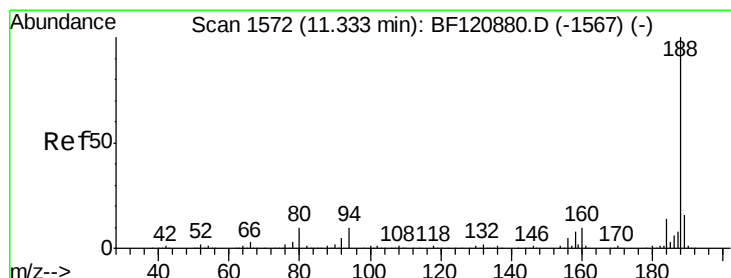
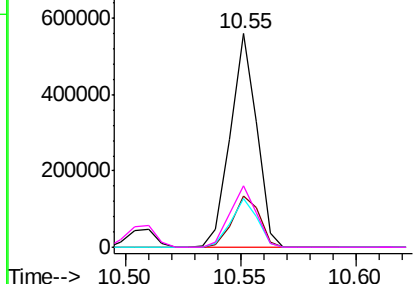
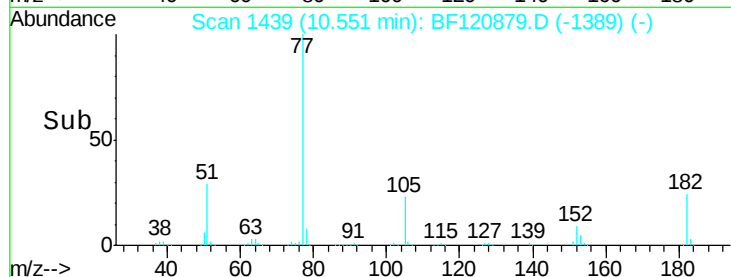
#63
Azobenzene
Concen: 19.617 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	77	Resp:	444997
Ion	Ratio	Lower	Upper
77	100		
182	23.8	7.8	47.8
105	22.7	4.4	44.4
51	28.6	8.0	48.0

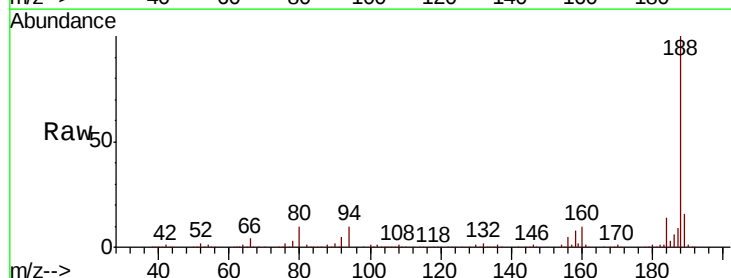


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

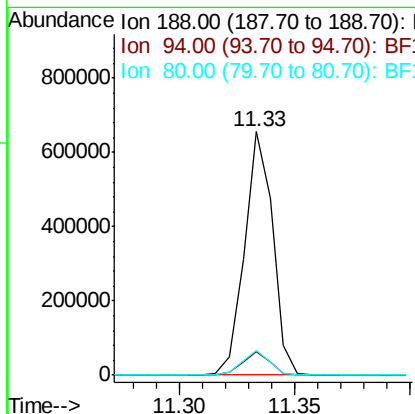
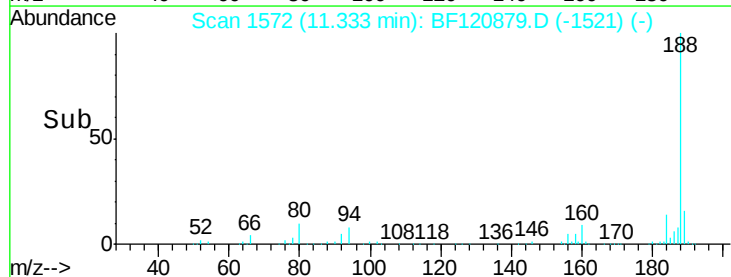


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:	188	Resp:	559802
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	9.9	8.3	12.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

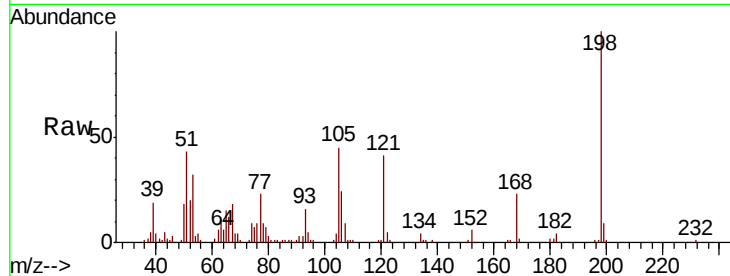




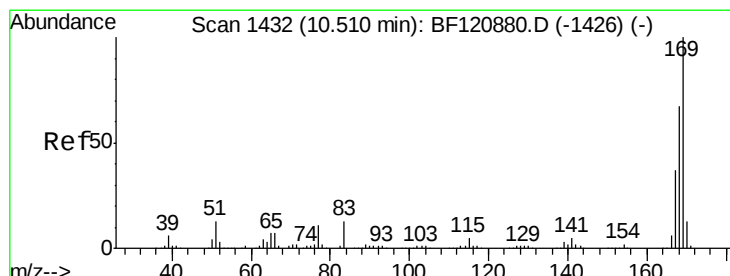
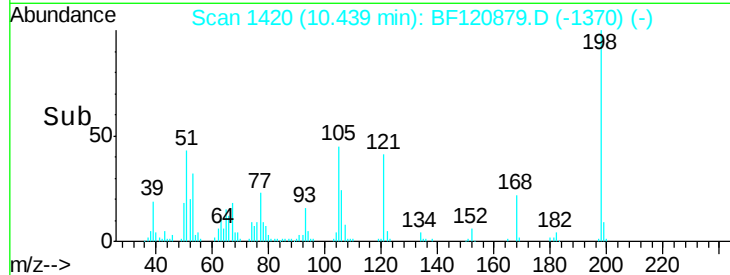
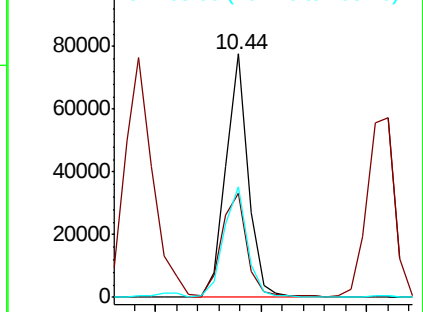
#65
4,6-Dinitro-2-methylphenol
Concen: 31.552 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_P
ClientSampled :

Tot Ion:198 Resp: 56750
Ion Ratio Lower Upper
198 100
51 43.0 19.5 59.5
105 45.3 24.4 64.4

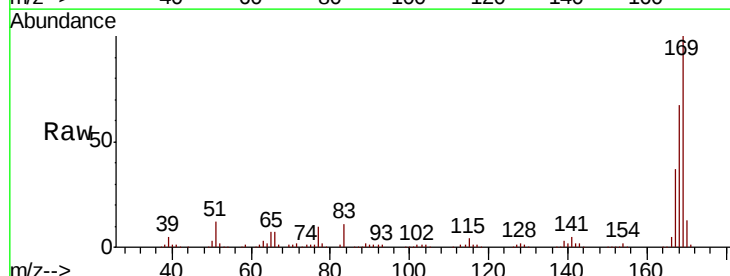


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

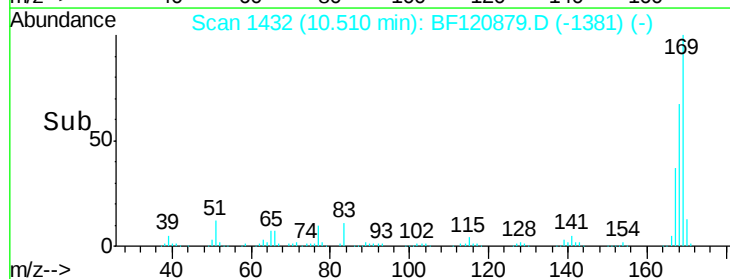
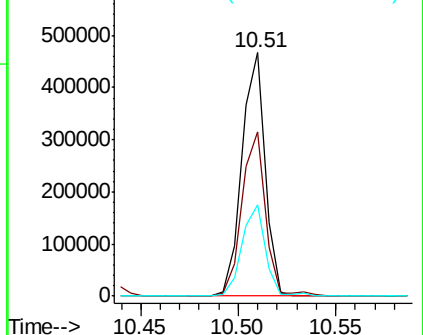


#66
n-Nitrosodiphenylamine
Concen: 20.508 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:169 Resp: 384791
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.0
167 37.3 29.4 44.0



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

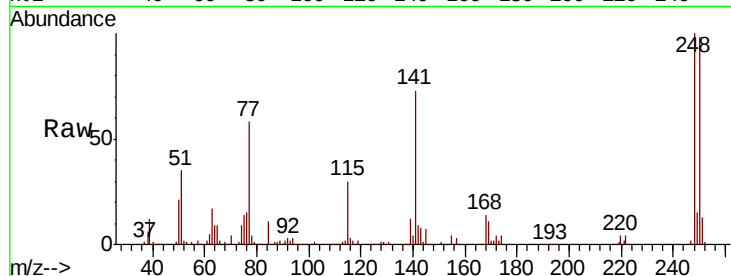




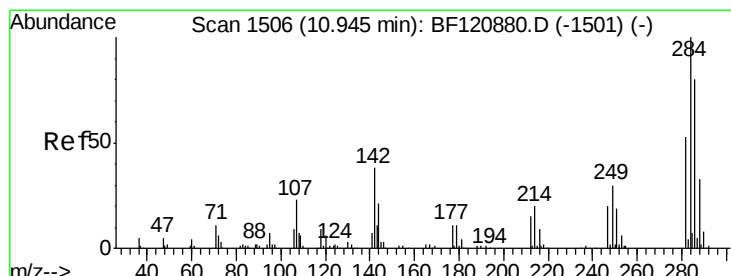
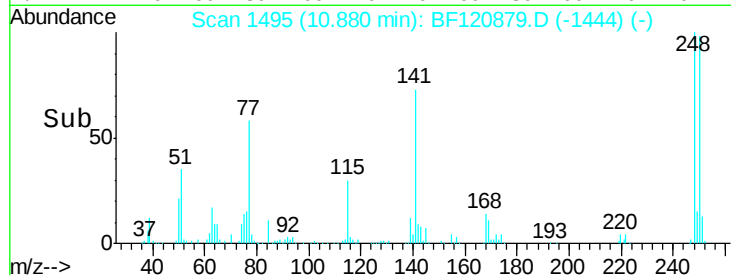
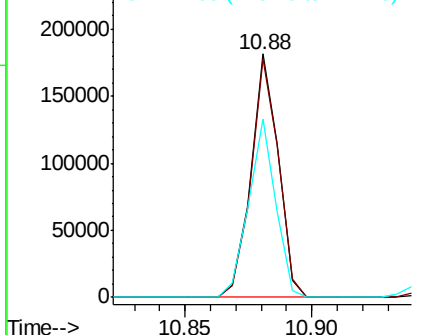
#67
 4-Bromophenyl-phenylether
 Concen: 21.095 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:248 Resp: 136988
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.1 115.7
 141 73.0 61.2 91.8

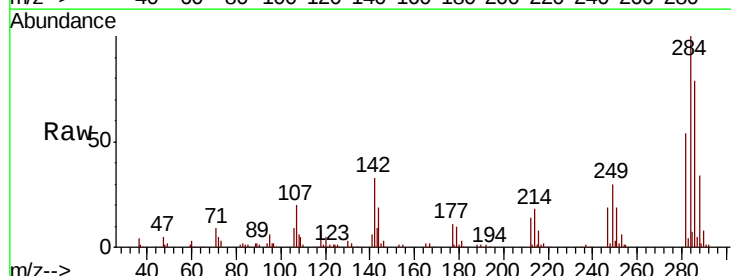


Abundance Ion 248.00 (247.70 to 248.70): E
 250000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

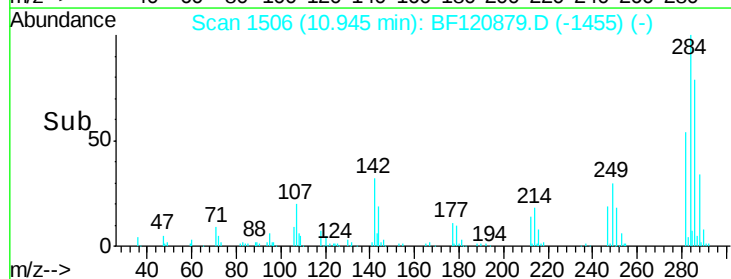
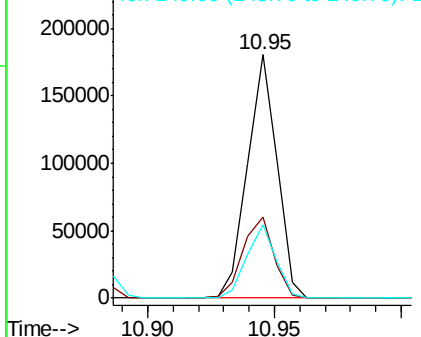


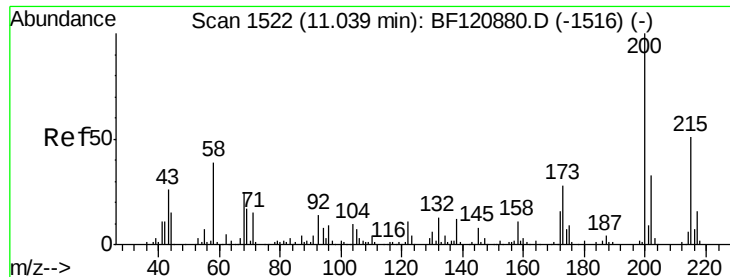
#68
 Hexachlorobenzene
 Concen: 21.512 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion:284 Resp: 146584
 Ion Ratio Lower Upper
 284 100
 142 33.1 30.2 45.2
 249 30.0 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
 250000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

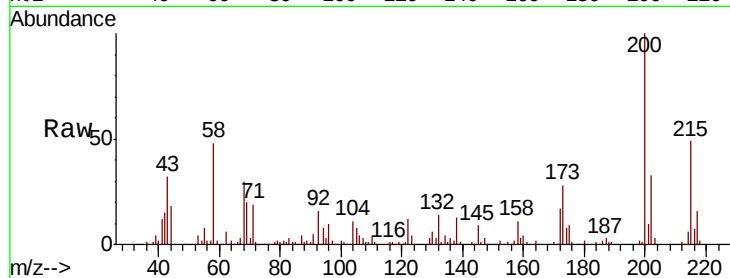




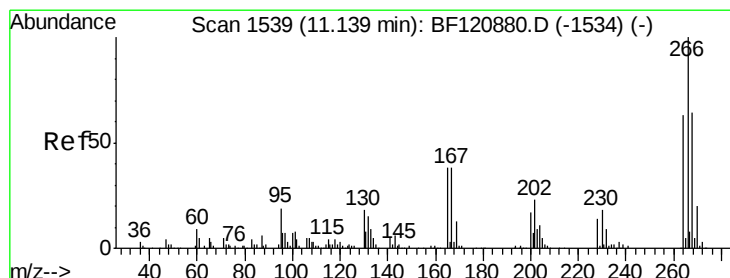
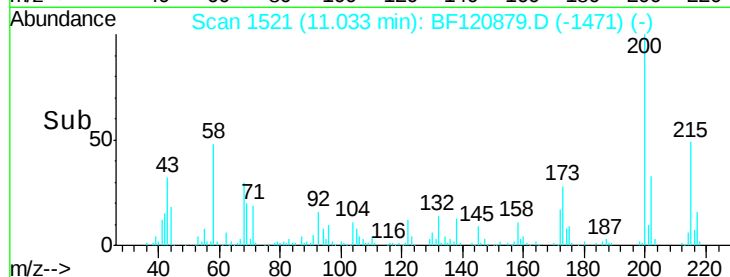
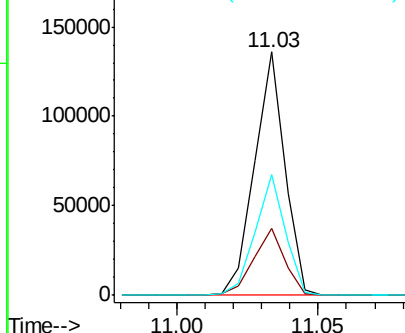
#69
 Atrazine
 Concen: 20.984 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:200 Resp: 101433
 Ion Ratio Lower Upper
 200 100
 173 27.6 8.0 48.0
 215 49.4 31.5 71.5

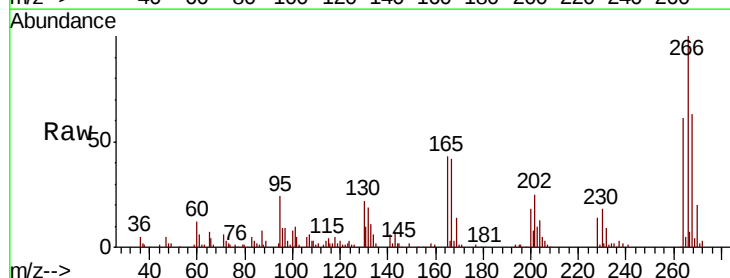


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

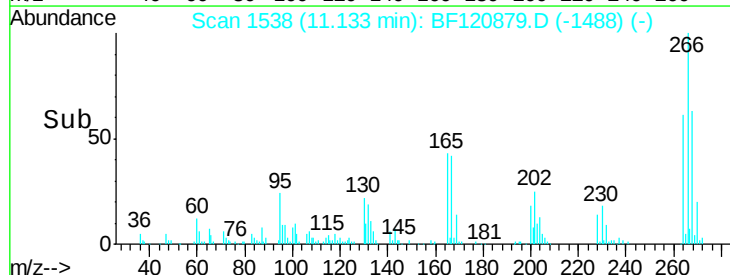
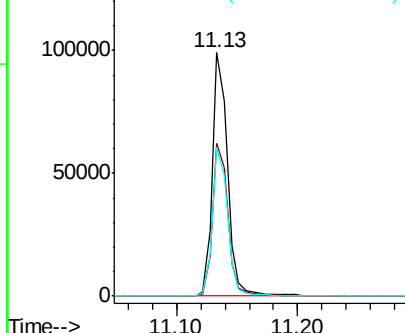


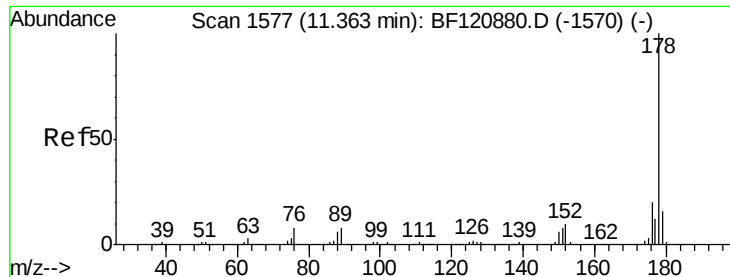
#70
 Pentachlorophenol
 Concen: 22.159 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion:266 Resp: 85429
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 61.4 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

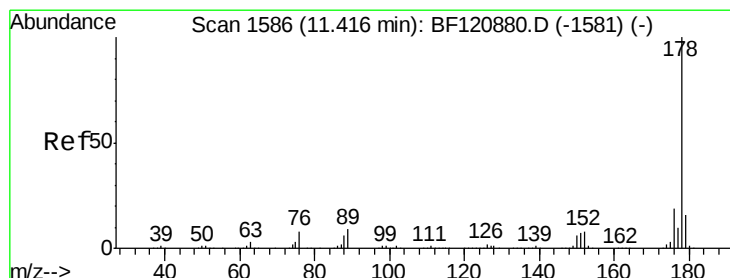
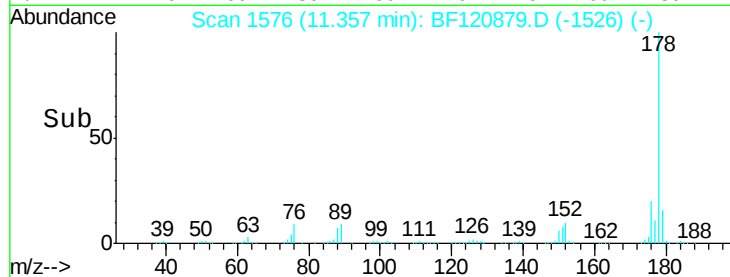
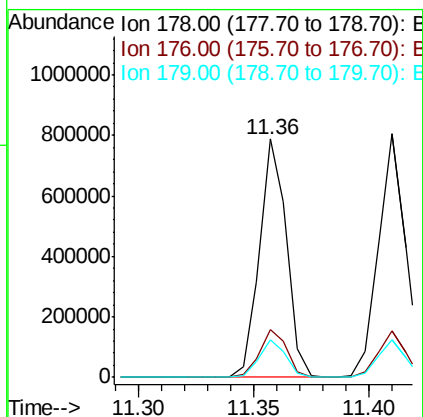
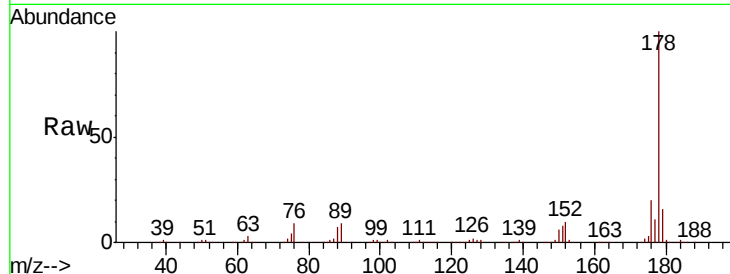




#71
Phenanthrene
Concen: 21.137 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

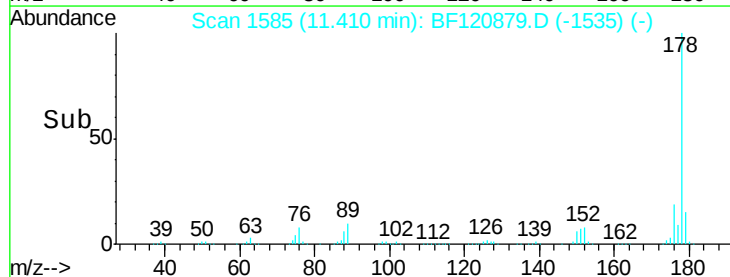
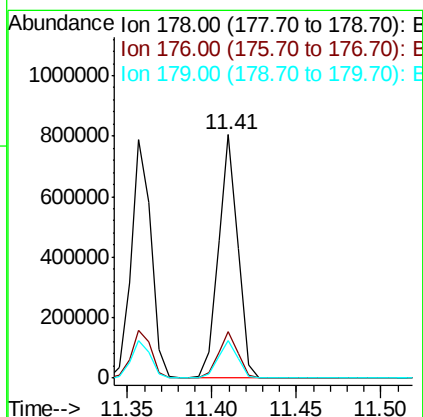
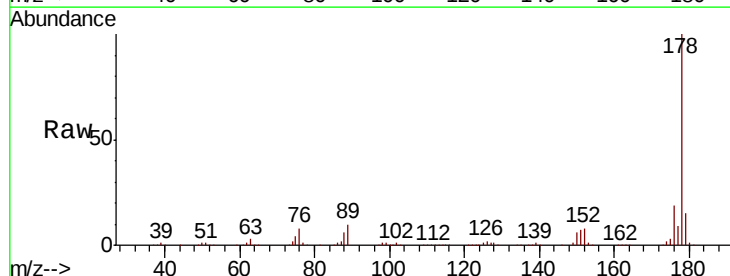
Instrument :
BNA_P
ClientSampleId :

Tot Ion:178 Resp: 642015
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 15.9 12.8 19.2



#72
Anthracene
Concen: 21.069 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:178 Resp: 646685
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.5 12.8 19.2

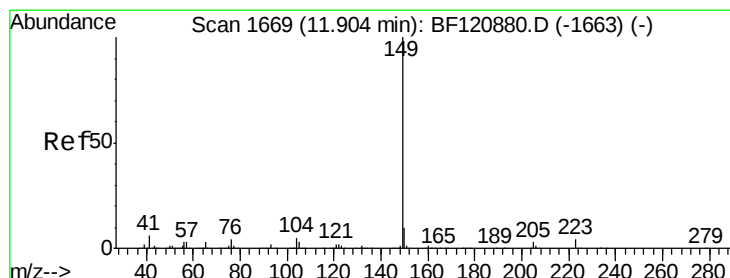
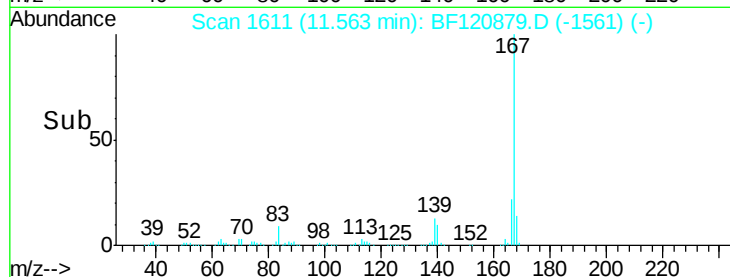
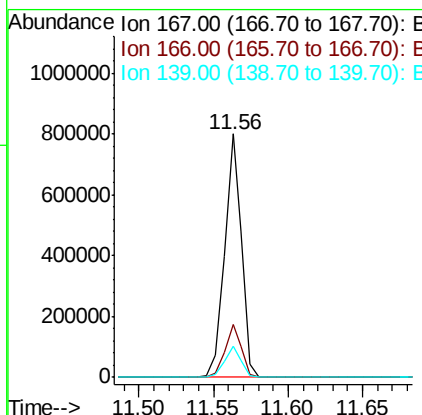
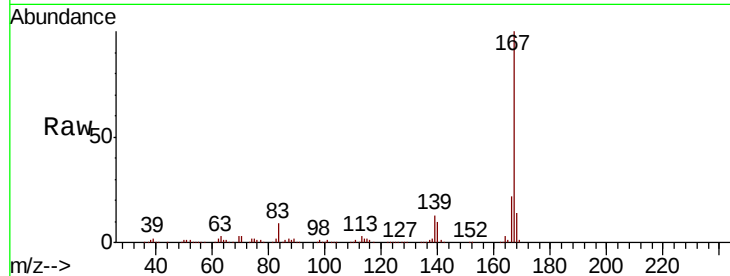




#73
 Carbazole
 Concen: 21.587 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

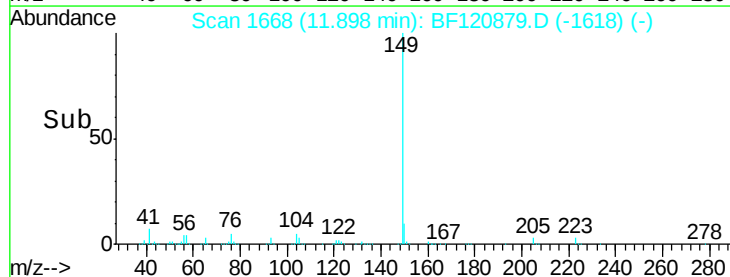
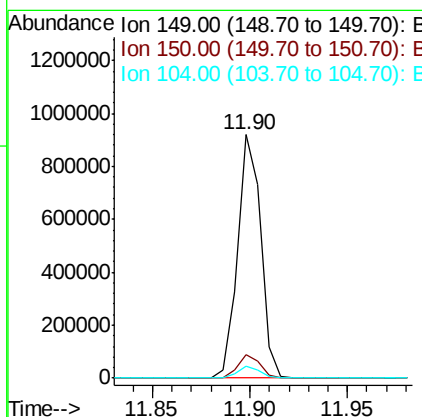
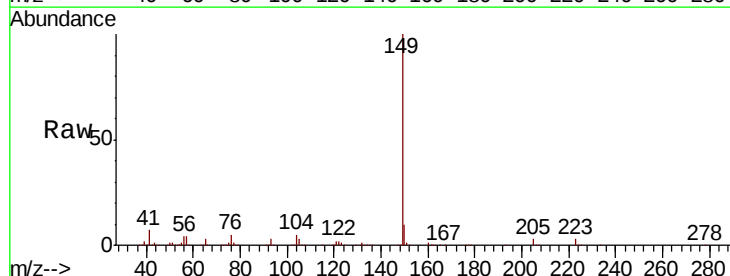
Instrument :
 BNA_P
 ClientSampleId :

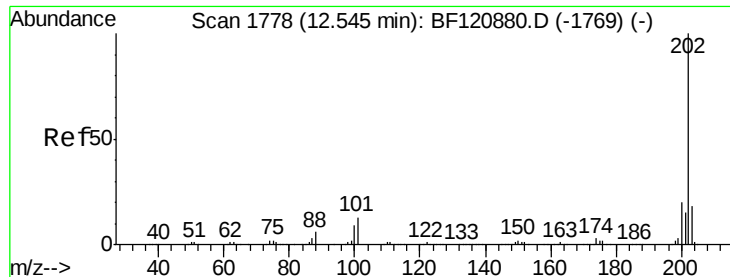
Tot Ion:167 Resp: 636706
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 13.0 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 20.606 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion:149 Resp: 752469
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 4.8 3.8 5.6

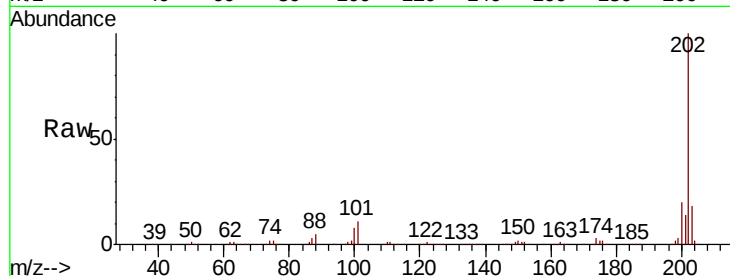




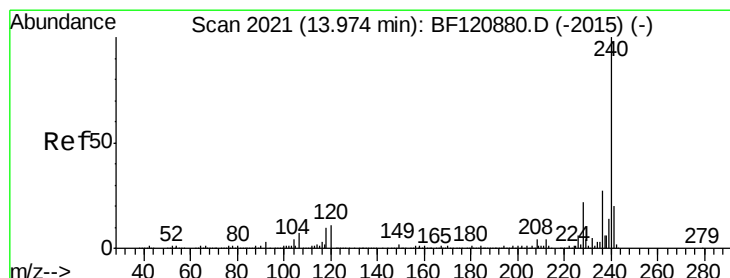
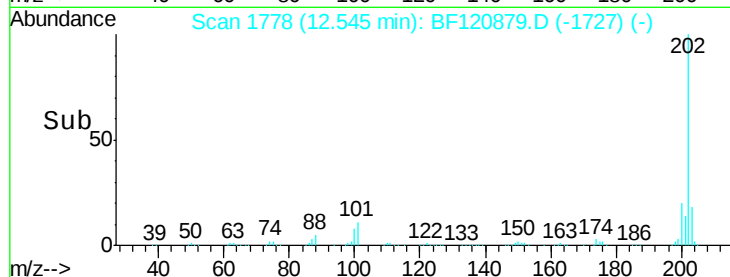
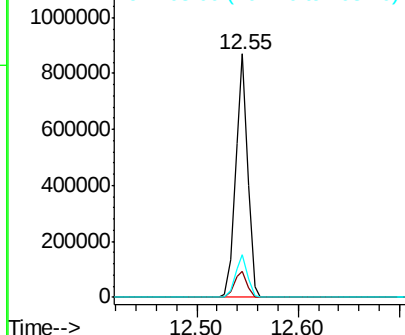
#75
 Fluoranthene
 Concen: 22.017 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Instrument :
 BNA_P
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	32.7
203	17.8	0.0	38.0

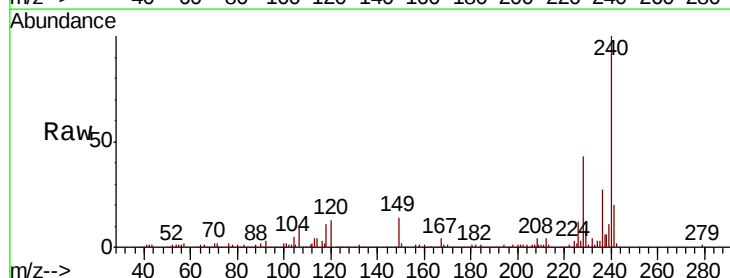


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

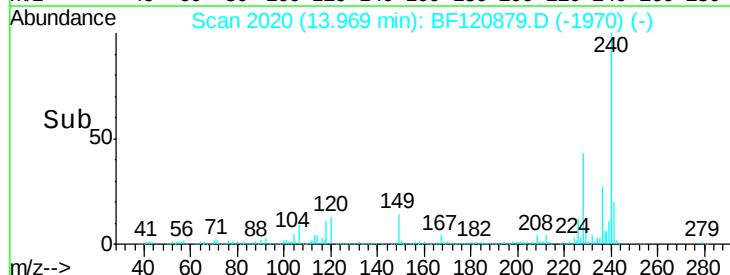
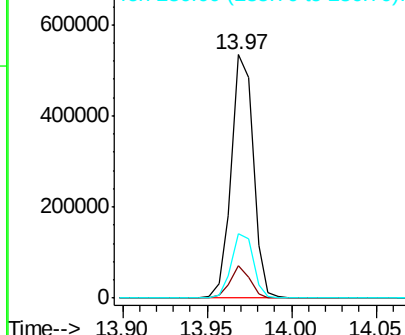


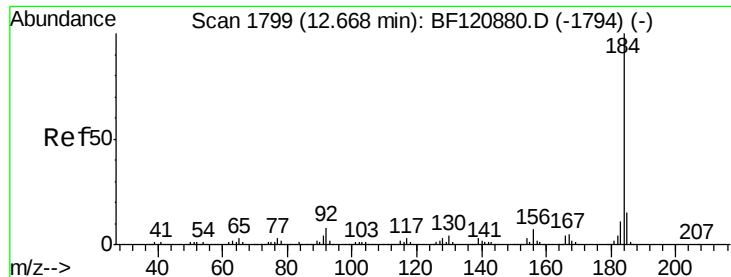
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.0	13.4
236	26.6	21.7	32.5



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: 20.390 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

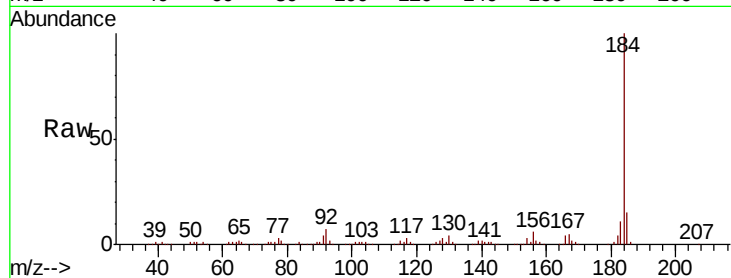
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 278397

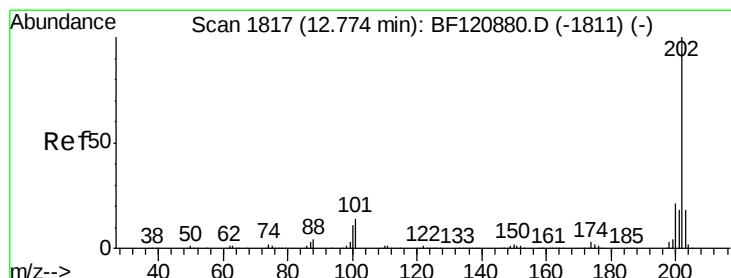
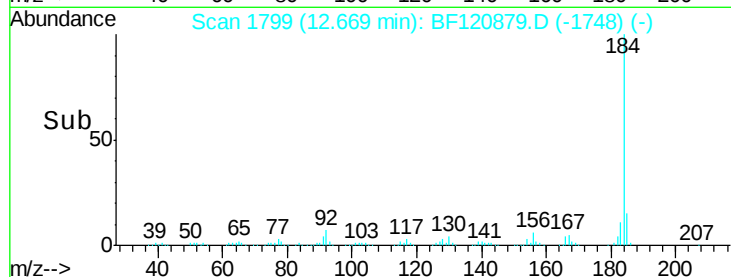
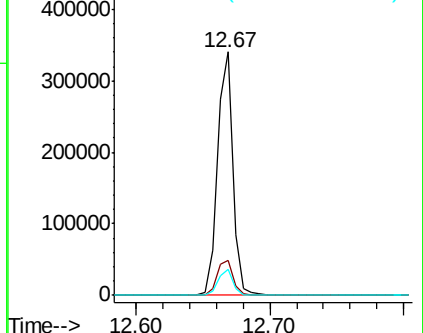
Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.2	18.2
183	10.6	8.5	12.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 19.430 ng

RT: 12.77 min Scan# 1817

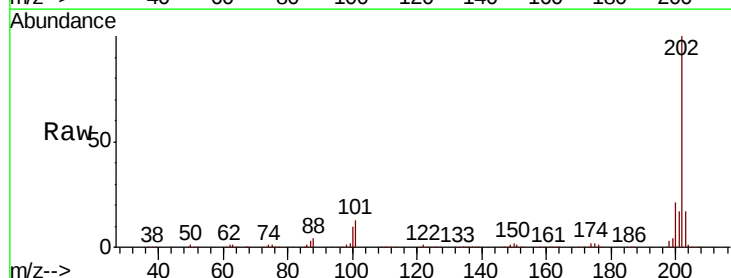
Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Tgt Ion:202 Resp: 750642

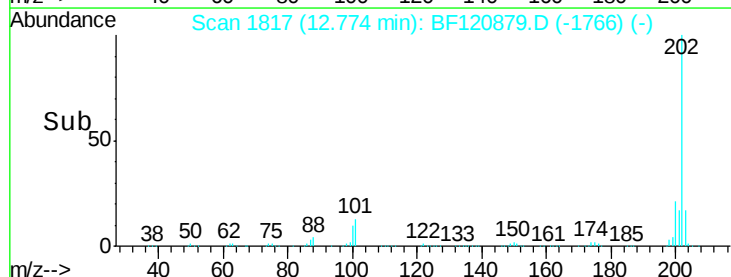
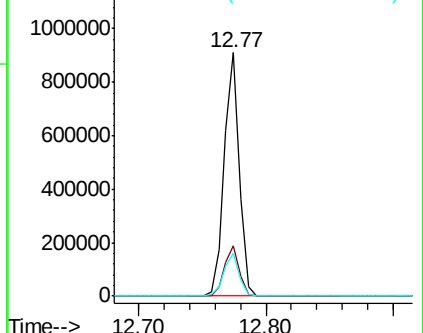
Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.4
203	17.4	14.4	21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 40.484 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_P

ClientSampled :

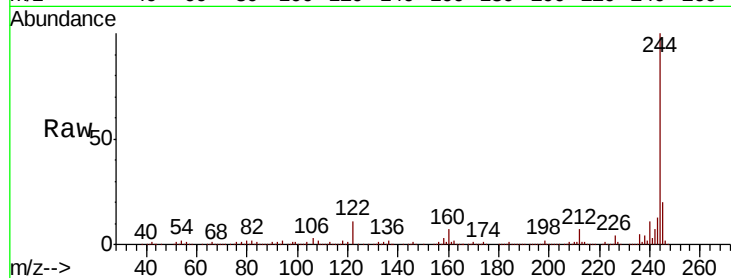
Tot Ion:244 Resp: 1000212

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

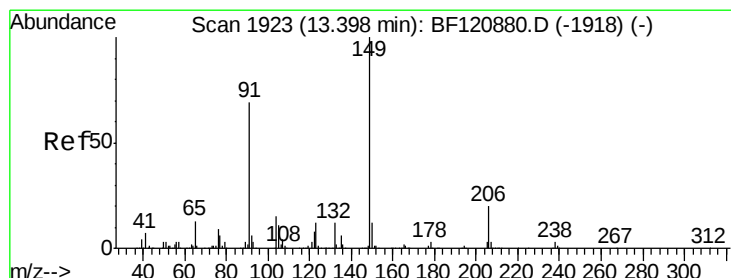
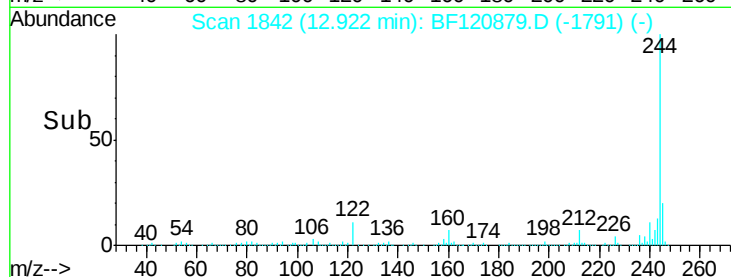
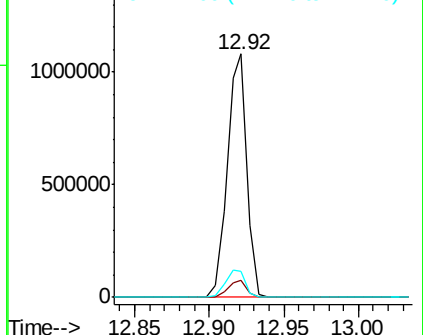
122 10.6 8.9 13.3



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: 19.743 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

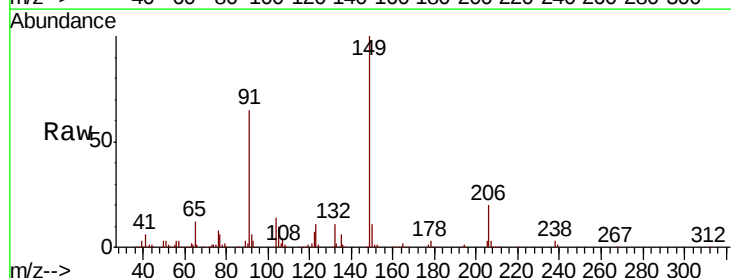
Tgt Ion:149 Resp: 329293

Ion Ratio Lower Upper

149 100

91 64.5 55.1 82.7

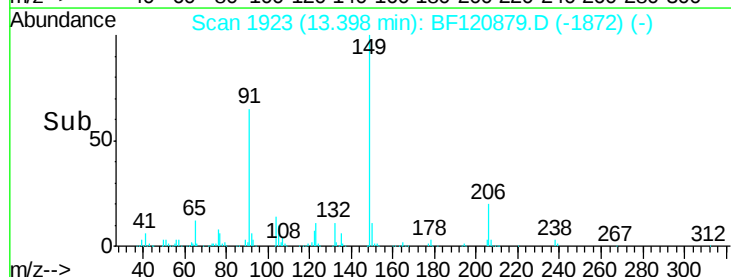
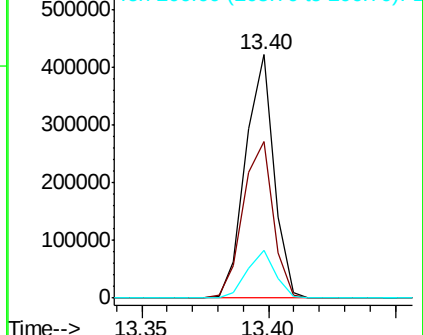
206 19.8 16.1 24.1



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: 21.702 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_P

ClientSampleId :

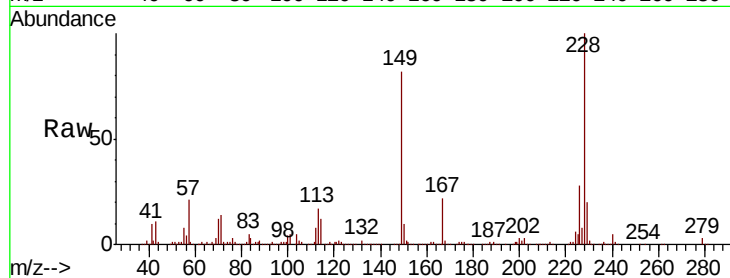
Tot Ion:228 Resp: 672926

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

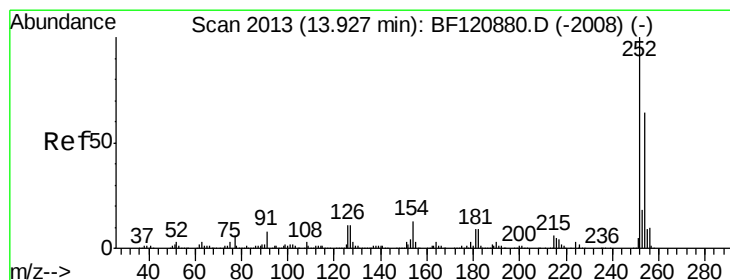
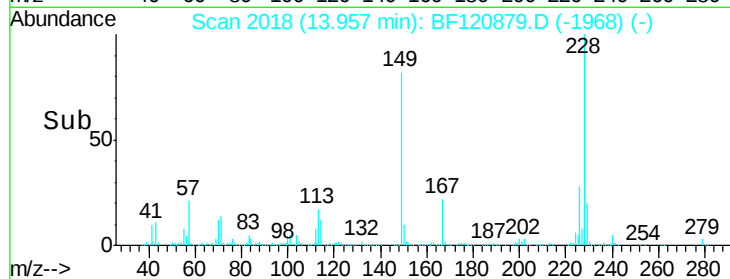
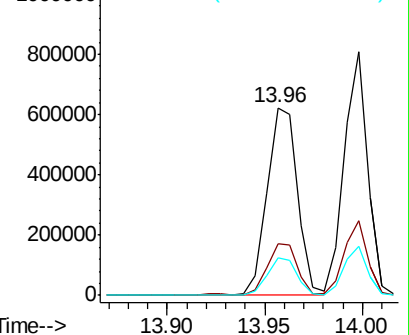
229 19.8 16.1 24.1



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



#82

3,3'-Dichlorobenzidine

Concen: 23.439 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

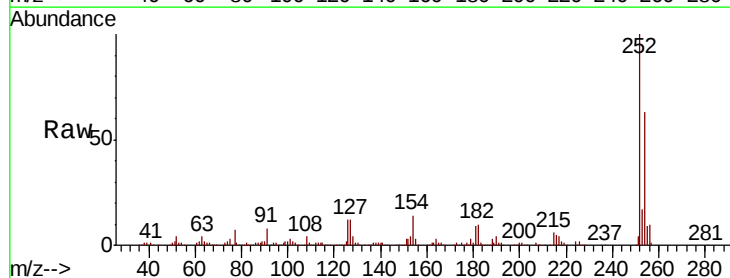
Tgt Ion:252 Resp: 245261

Ion Ratio Lower Upper

252 100

254 63.0 51.2 76.8

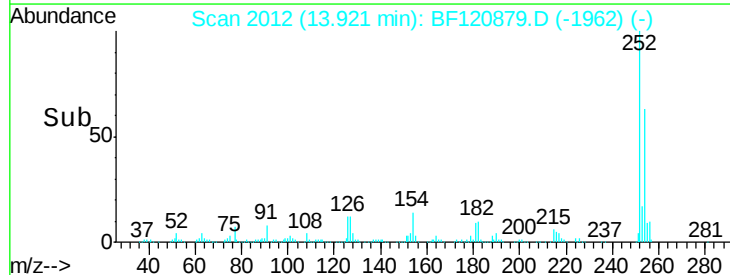
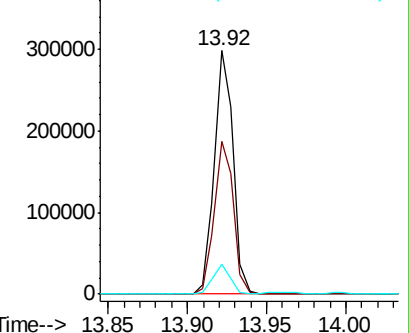
126 12.1 8.7 13.1

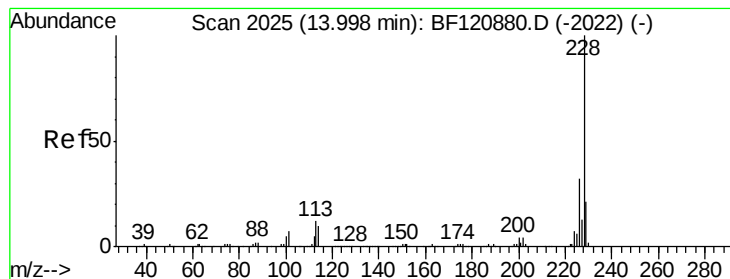


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 21.279 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

Instrument :

BNA_P

ClientSampleId :

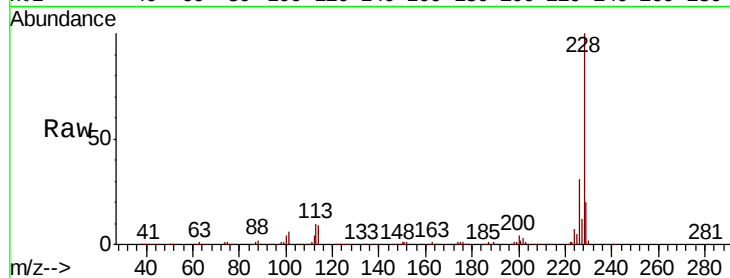
Tot Ion:228 Resp: 673014

Ion Ratio Lower Upper

228 100

226 30.9 25.6 38.4

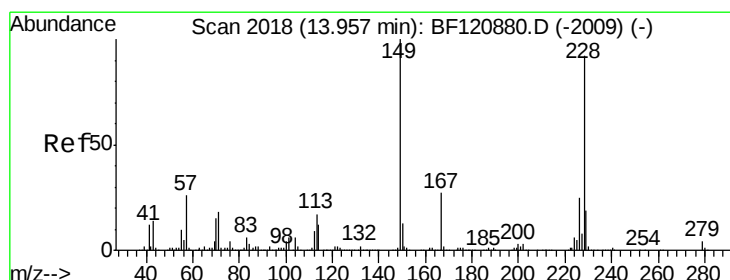
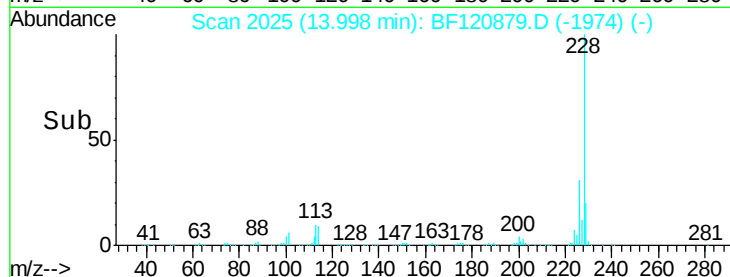
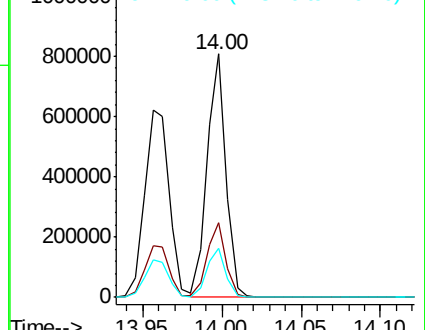
229 20.0 16.8 25.2



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: 19.989 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120879.D

Acq: 16 Jul 2020 11:12

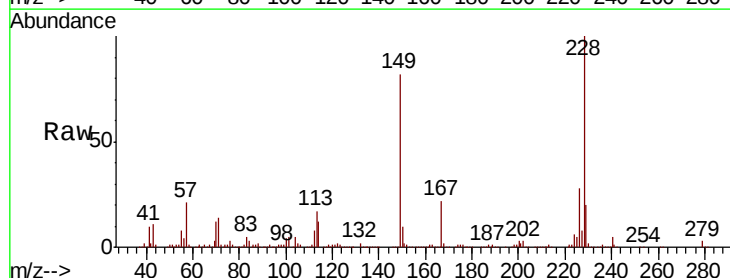
Tgt Ion:149 Resp: 437207

Ion Ratio Lower Upper

149 100

167 26.5 21.9 32.9

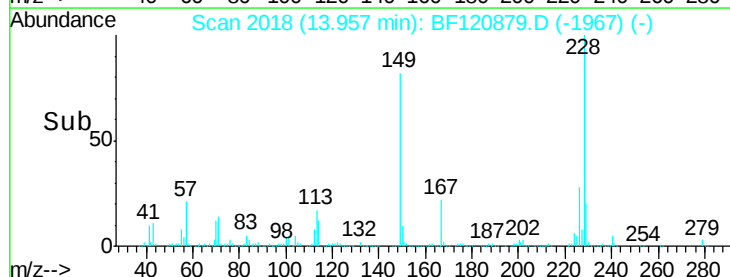
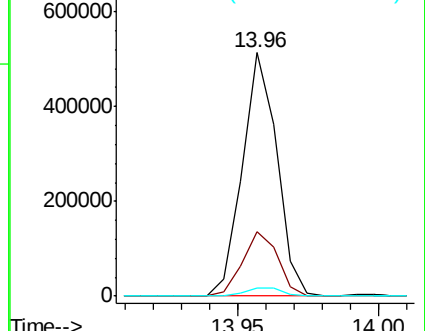
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

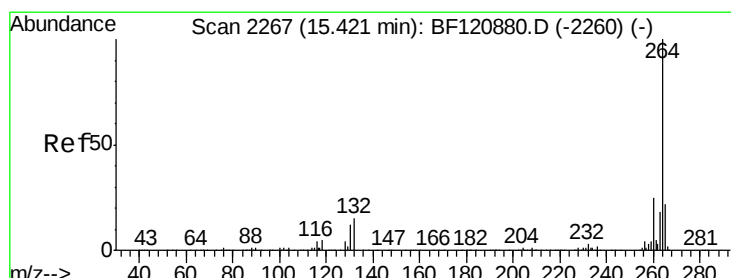
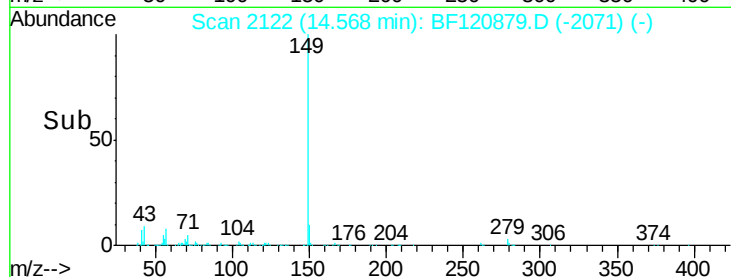
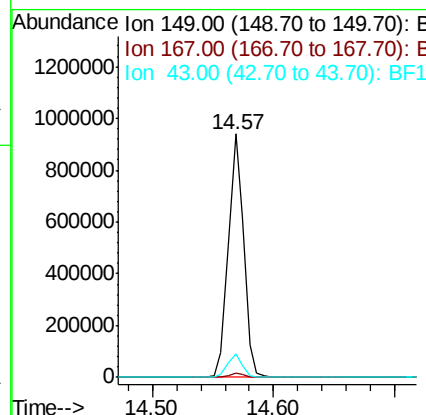
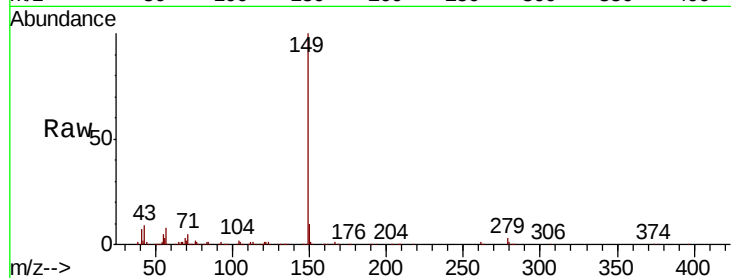




#85
Di-n-octyl phthalate
Concen: 21.234 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

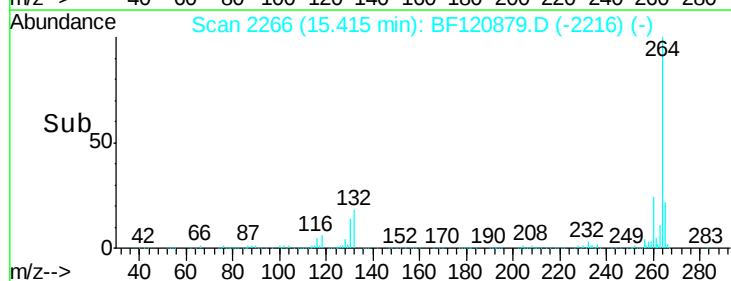
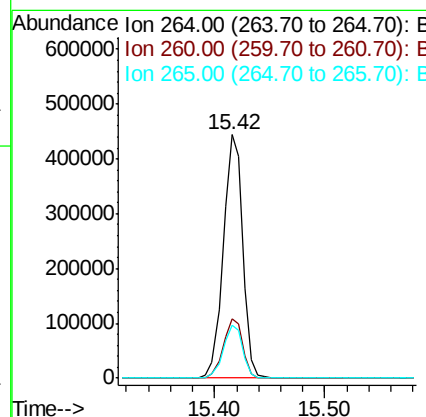
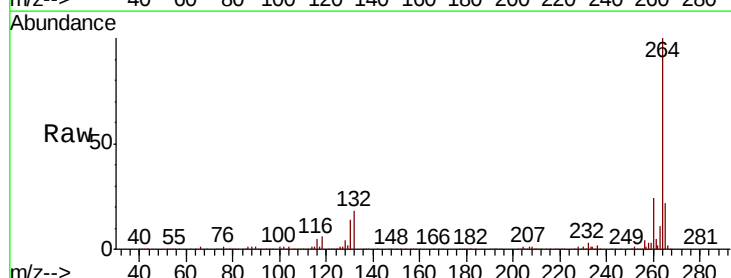
Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.5	7.6	11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.0	30.0
265	21.6	17.4	26.2

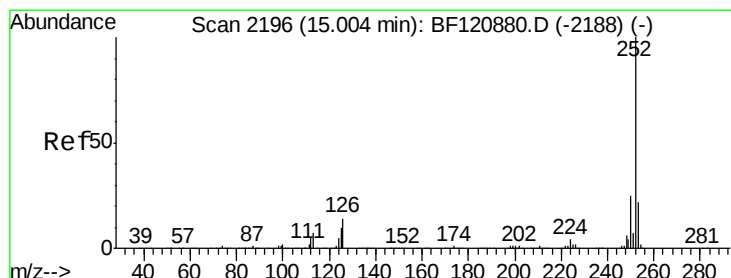
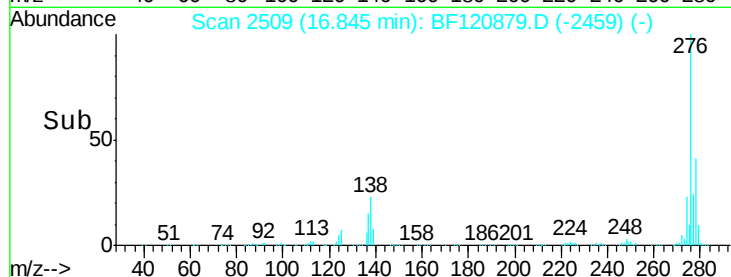
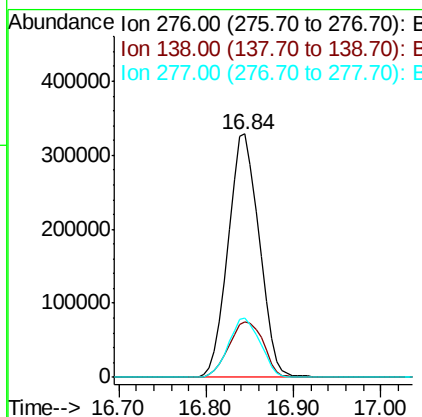
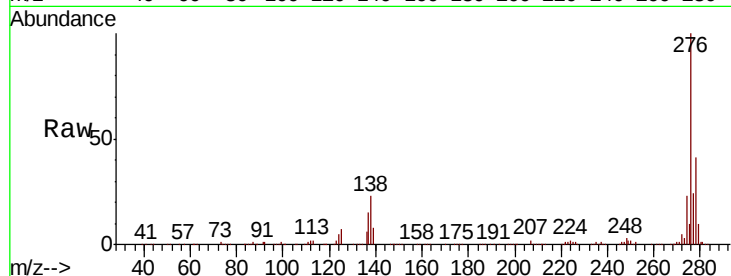




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 22.973 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

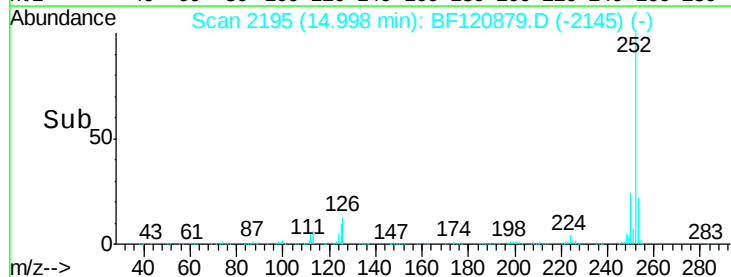
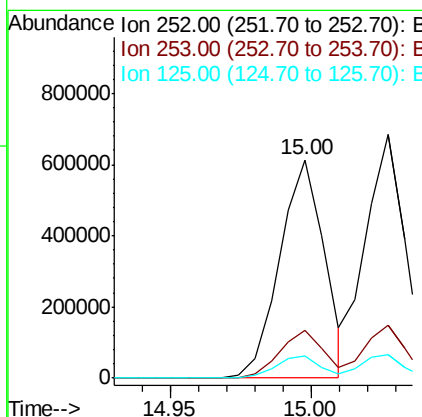
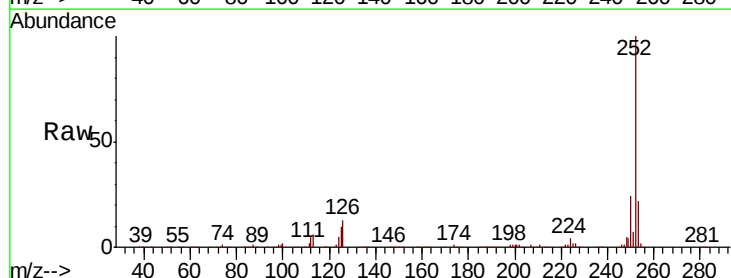
Instrument :
 BNA_P
 ClientSampleId :

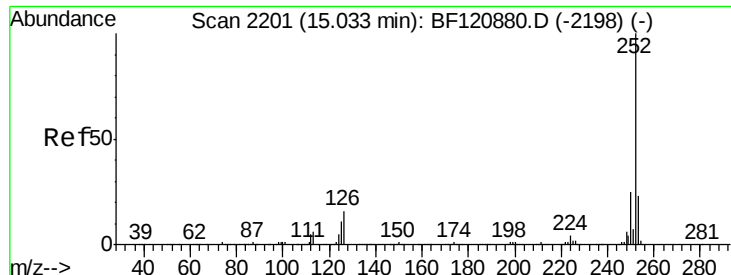
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.8	29.8
277	24.9	20.2	30.2



#88
 Benzo(b)fluoranthene
 Concen: 18.923 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BF120879.D
 Acq: 16 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.0	8.3	12.5

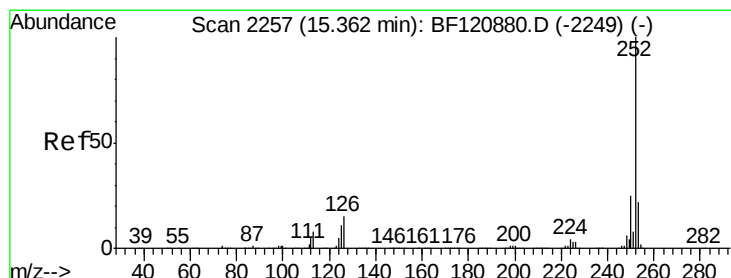
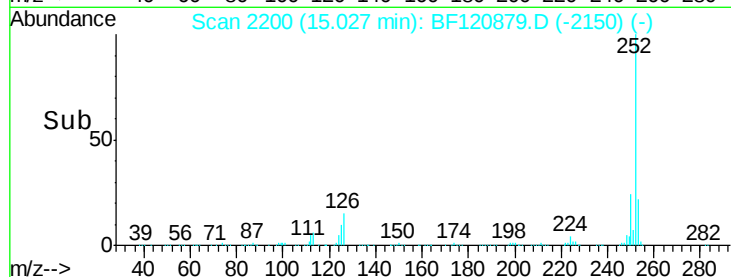
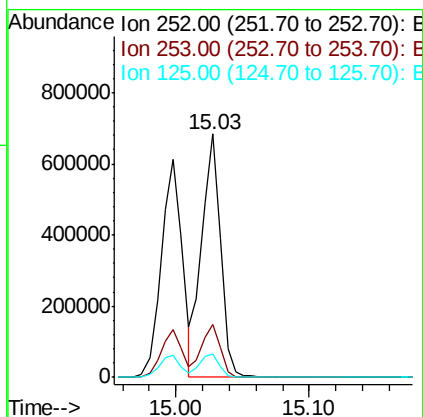
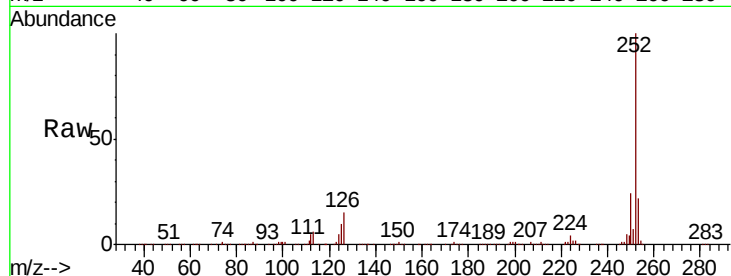




#89
Benzo(k)fluoranthene
Concen: 19.342 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

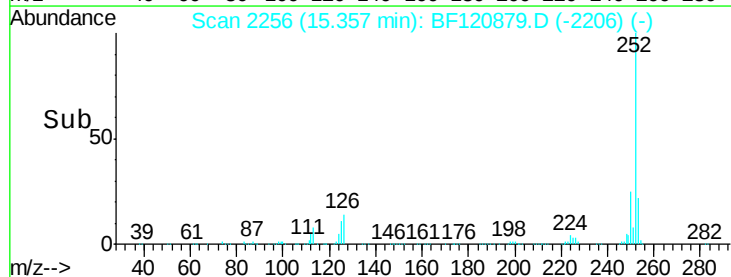
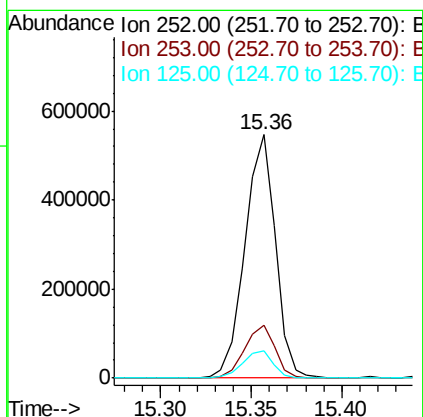
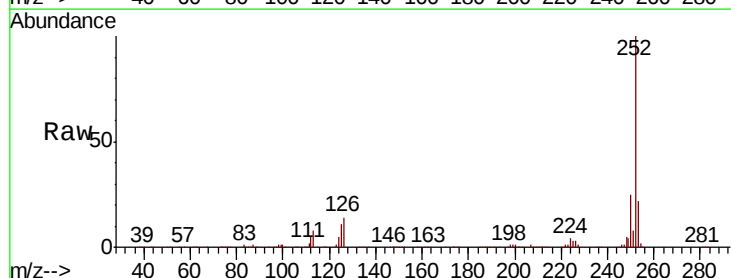
Instrument :
BNA_P
ClientSampled :

Tot Ion:252 Resp: 669245
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 9.8 8.4 12.6



#90
Benzo(a)pyrene
Concen: 20.174 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion:252 Resp: 639908
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 11.0 8.9 13.3

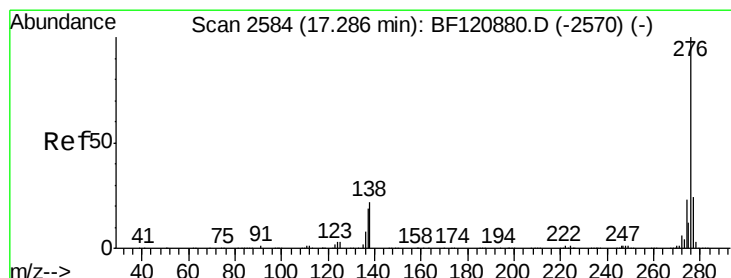
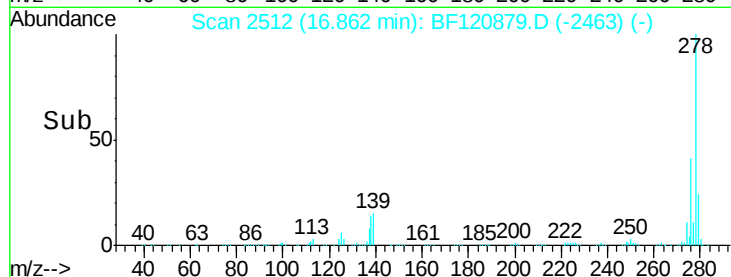
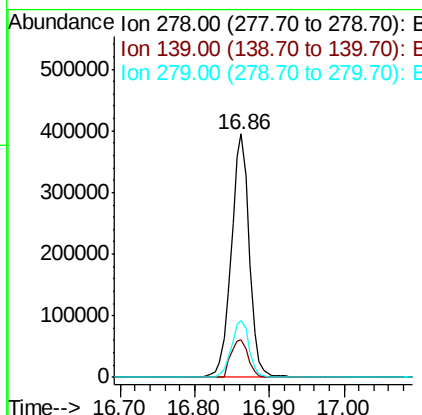
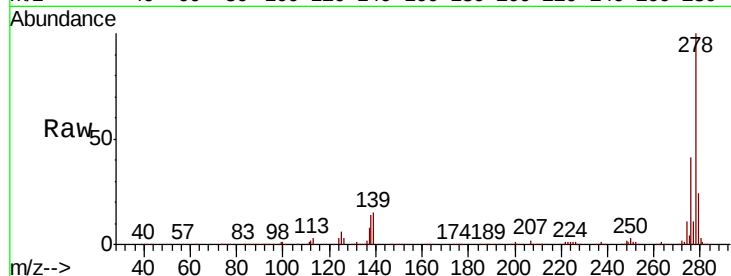




#91
Dibenzo(a,h)anthracene
Concen: 23.074 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.3	18.5
279	23.5	20.1	30.1



#92
Benzo(g,h,i)perylene
Concen: 24.388 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF120879.D
Acq: 16 Jul 2020 11:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	20.4	17.5	26.3

