

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120956.D
 Acq On : 21 Jul 2020 16:14
 Operator : JU/CG
 Sample : L3358-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 55-ST-28

Quant Time: Jul 21 18:02:53 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 14:20:32 2020
 Response via : Initial Calibration

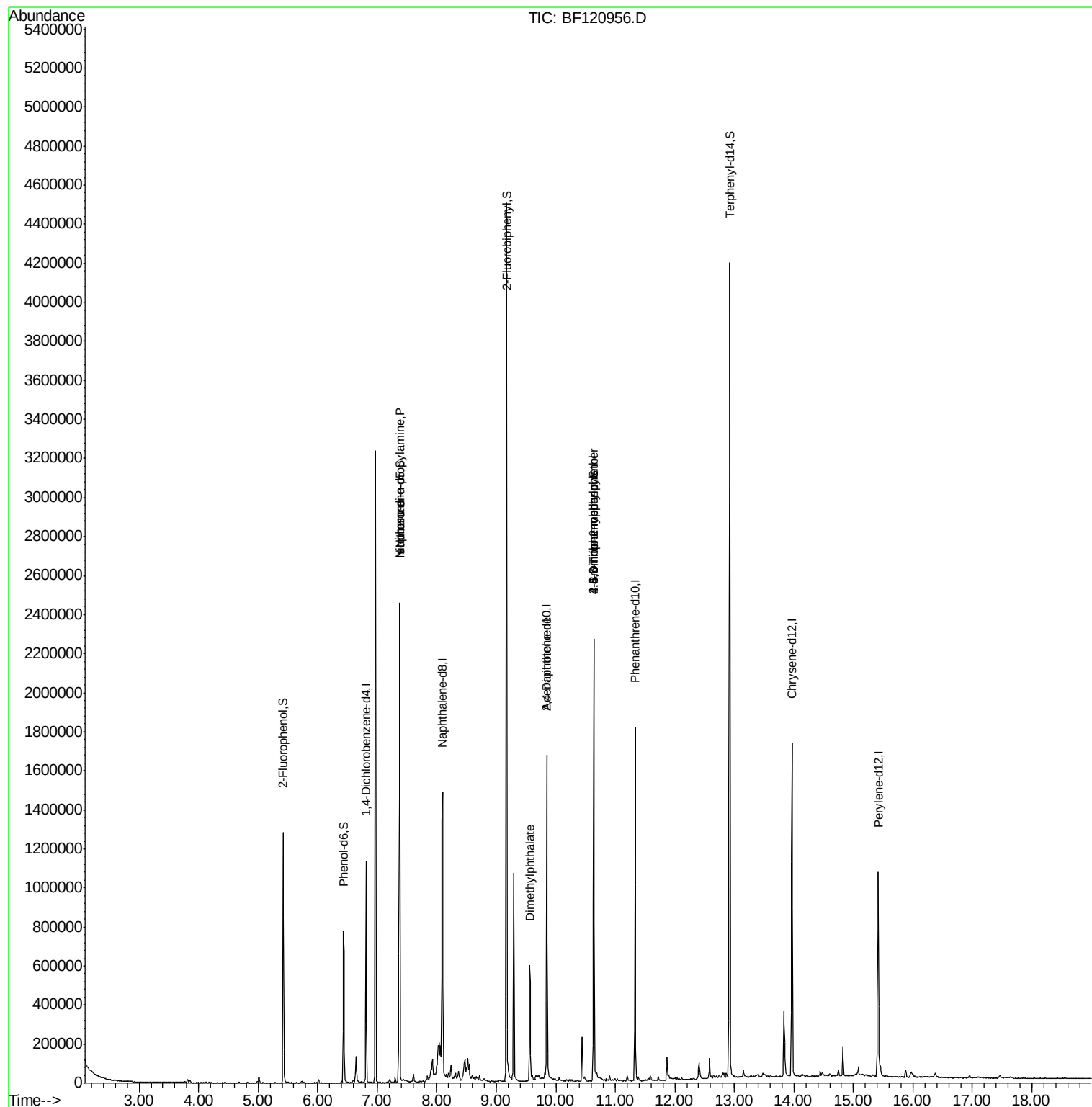
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	173312	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	647520	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	341439	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	654983	20.00	ng	0.00
76) Chrysene-d12	13.97	240	554829	20.00	ng	0.00
86) Perylene-d12	15.42	264	494836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	349923	33.10	ng	0.00
7) Phenol-d6	6.43	99	255652	18.72	ng	-0.01
23) Nitrobenzene-d5	7.38	82	903966	80.78	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	325543	87.10	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1686749	73.76	ng	0.00
79) Terphenyl-d14	12.92	244	1830252	71.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	316	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	120746	15.549 ng	#	1
25) Isophorone	7.38	82	895819	40.110 ng	#	76
50) Dimethylphthalate	9.56	163	250142	10.155 ng	#	63
57) 2,4-Dinitrotoluene	9.85	165	44561	6.412 ng	#	99
65) 4,6-Dinitro-2-methylphenol	10.63	198	602	3.989 ng	#	27
67) 4-Bromophenyl-phenylether	10.64	248	18781	2.572 ng	#	1

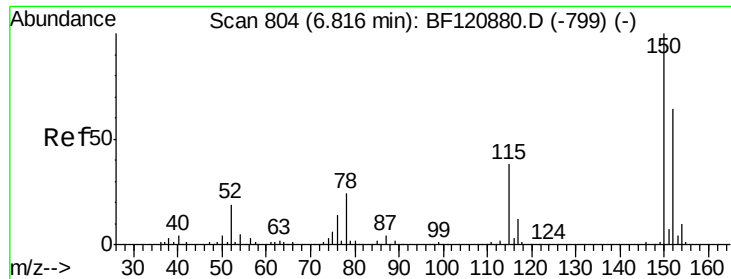
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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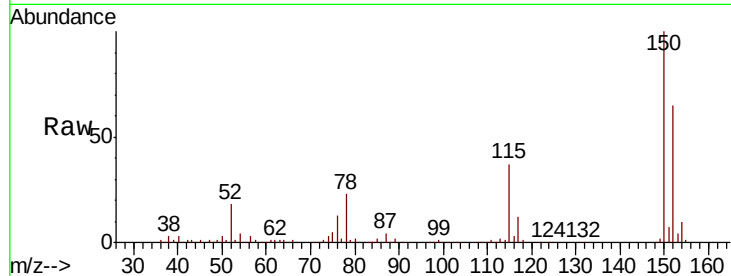


#1

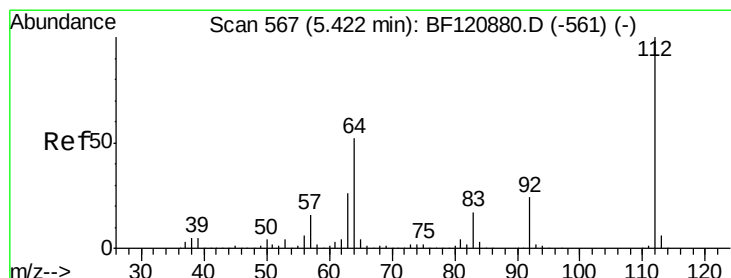
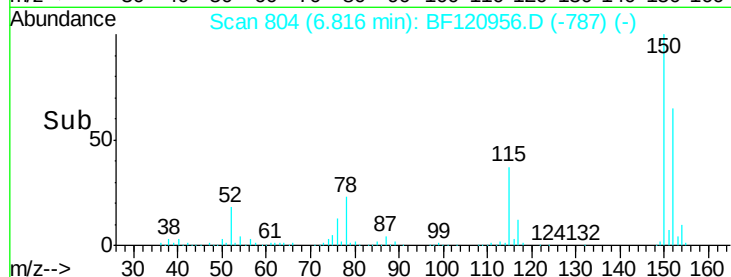
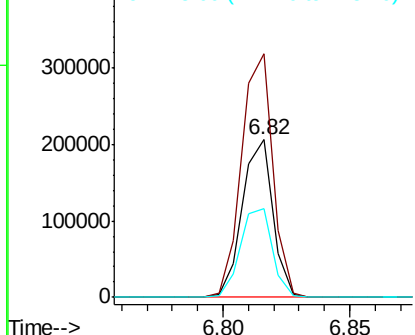
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120956.D
Acq: 21 Jul 2020 16:14

Instrument :
BNA_F
ClientSampleId :
55-ST-28

Tot Ion:152 Resp: 173312
Ion Ratio Lower Upper
152 100
150 154.7 125.0 187.6
115 56.6 47.0 70.4



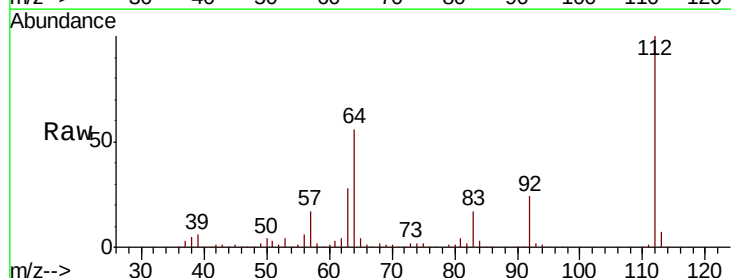
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



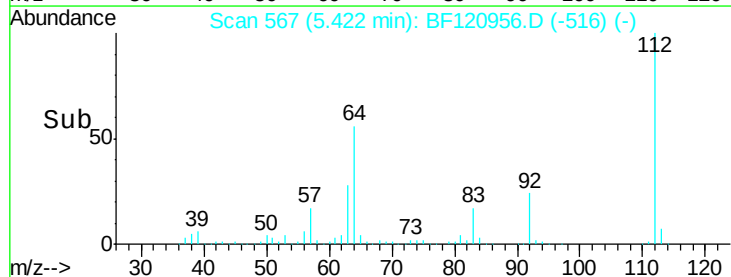
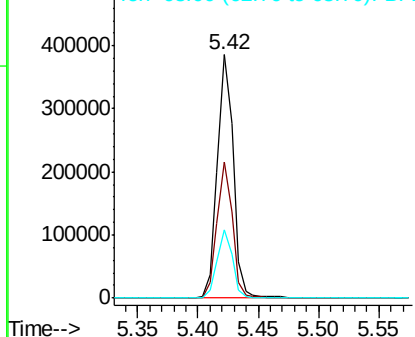
#5

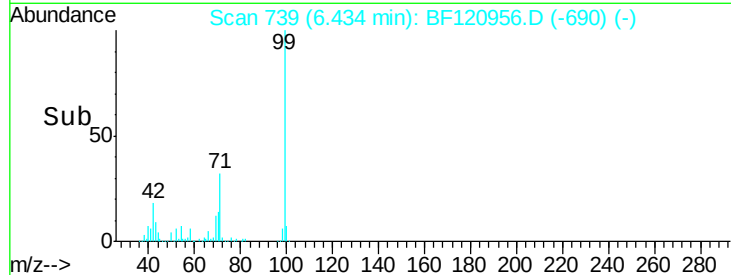
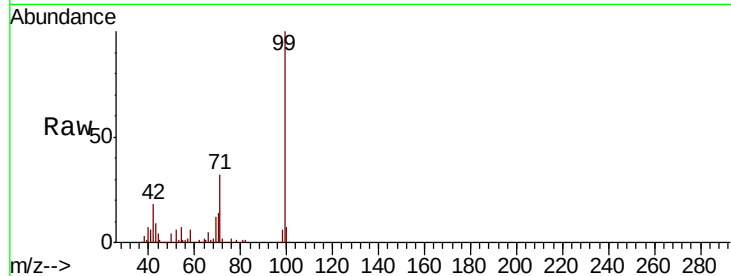
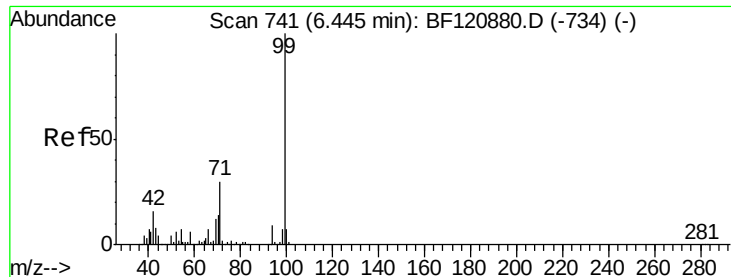
2-Fluorophenol
Concen: 33.099 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120956.D
Acq: 21 Jul 2020 16:14

Tgt Ion:112 Resp: 349923
Ion Ratio Lower Upper
112 100
64 55.7 41.3 61.9
63 28.3 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





#7

Phenol-d6

Concen: 18.720 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120956.D

Acq: 21 Jul 2020 16:14

Instrument :

BNA_F

ClientSampleId :

55-ST-28

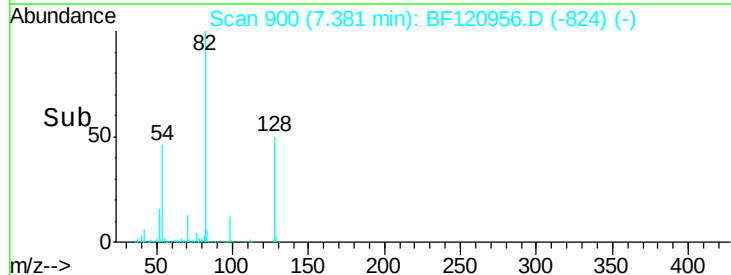
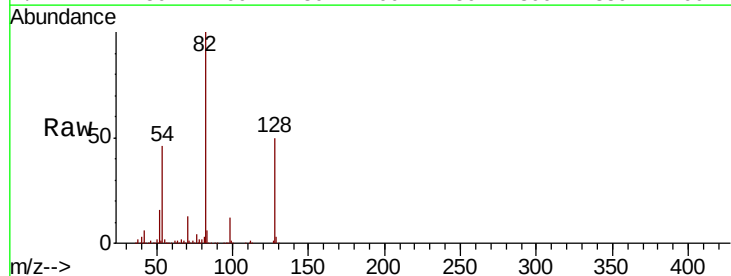
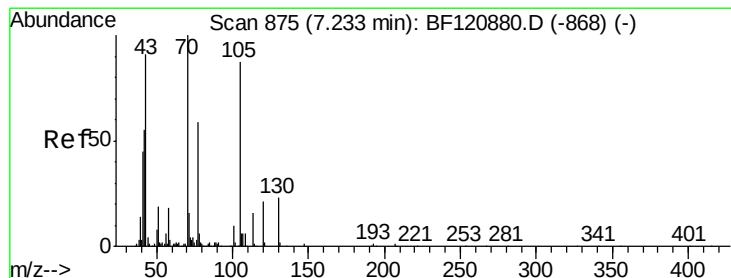
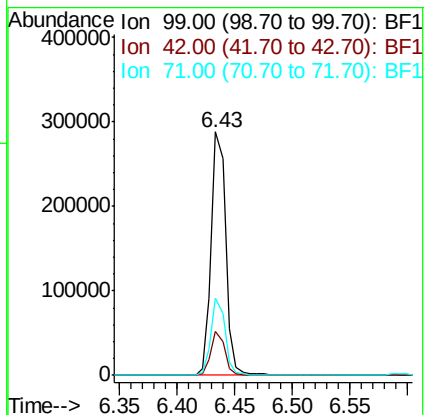
Tot Ion: 99 Resp: 255652

Ion Ratio Lower Upper

99 100

42 18.0 13.1 19.7

71 31.8 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.549 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF120956.D

Acq: 21 Jul 2020 16:14

Tgt Ion: 70 Resp: 120746

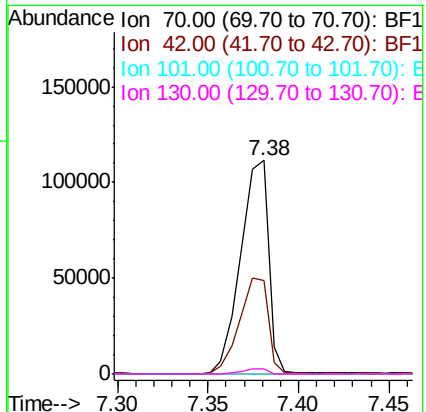
Ion Ratio Lower Upper

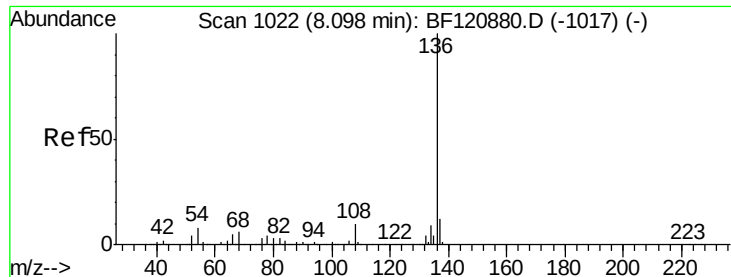
70 100

42 44.0 44.0 66.0

101 0.0 7.8 11.6#

130 2.4 18.7 28.1#

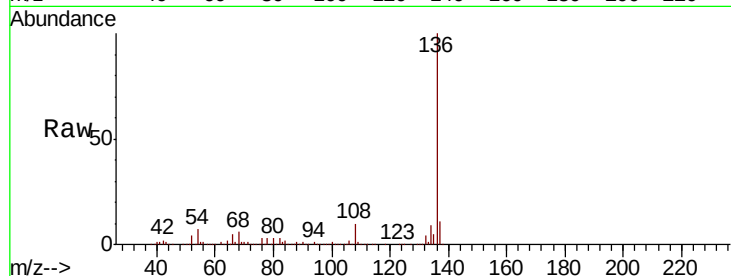




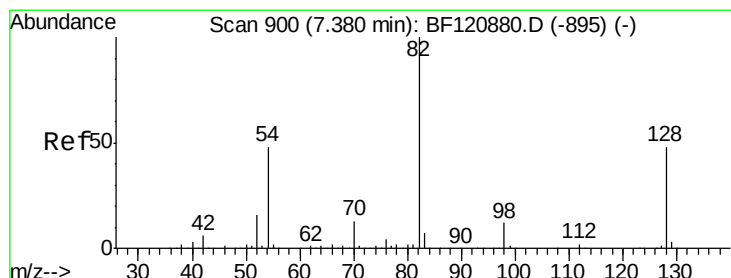
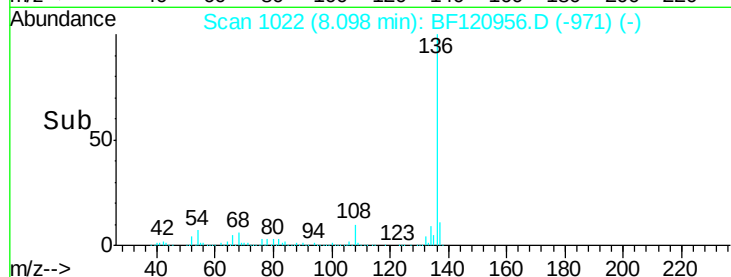
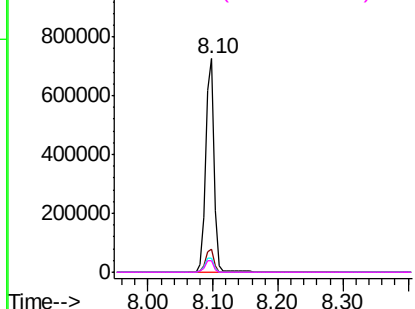
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120956.D
Acq: 21 Jul 2020 16:14

Instrument :
BNA_F
ClientSampleId :
55-ST-28

Tot Ion:	136	Resp:	647520
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	6.7	6.3	9.5
68	5.5	5.0	7.4

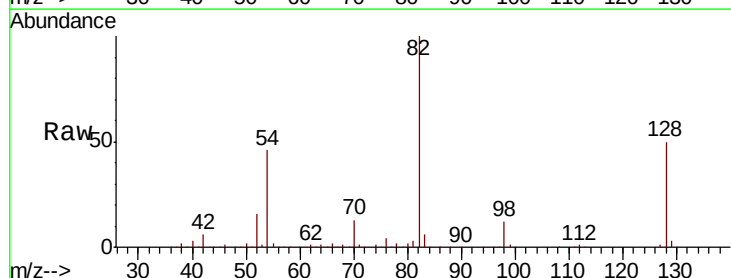


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

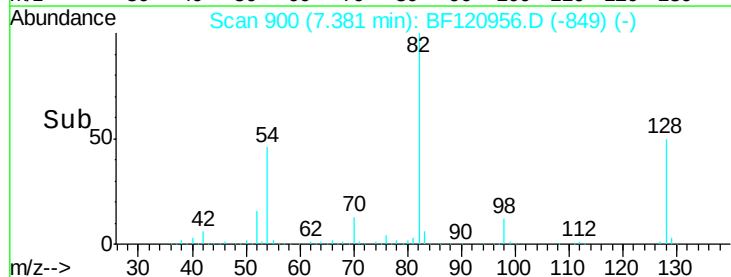
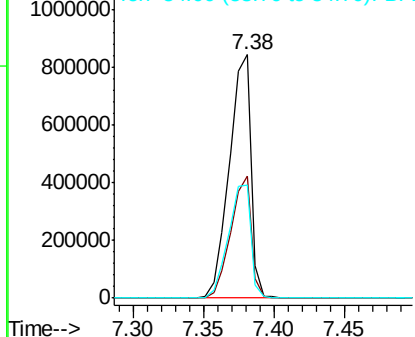


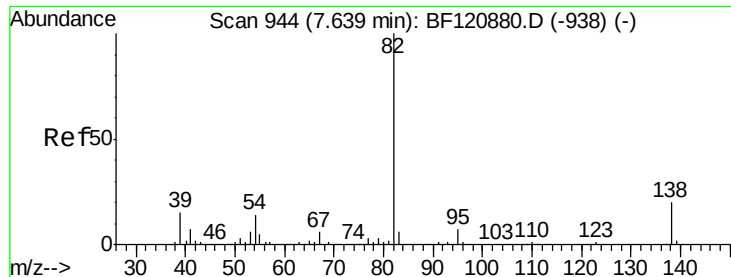
#23
Nitrobenzene-d5
Concen: 80.779 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120956.D
Acq: 21 Jul 2020 16:14

Tgt Ion:	82	Resp:	903966
Ion	Ratio	Lower	Upper
82	100		
128	50.0	38.2	57.4
54	46.5	38.7	58.1



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

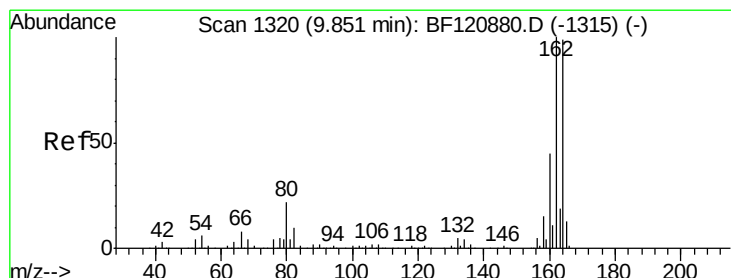
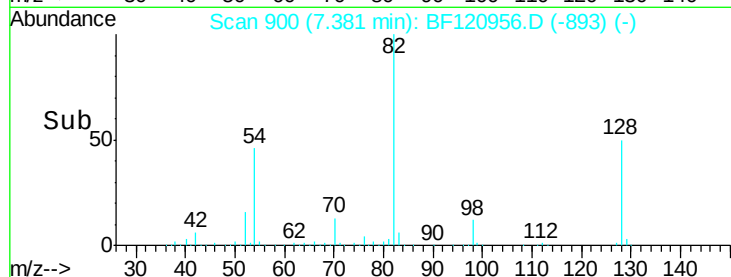
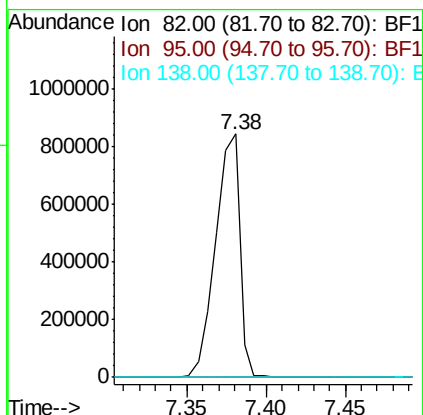
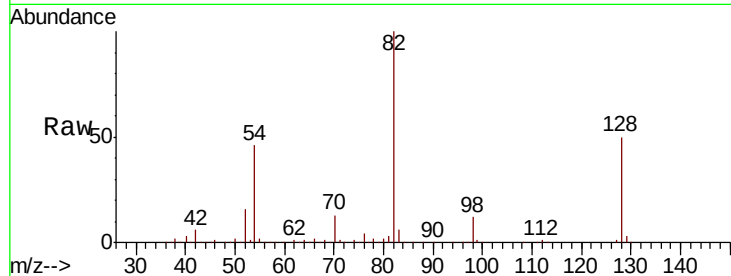




#25
Isophorone
Concen: 40.110 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF120956.D
Acq: 21 Jul 2020 16:14

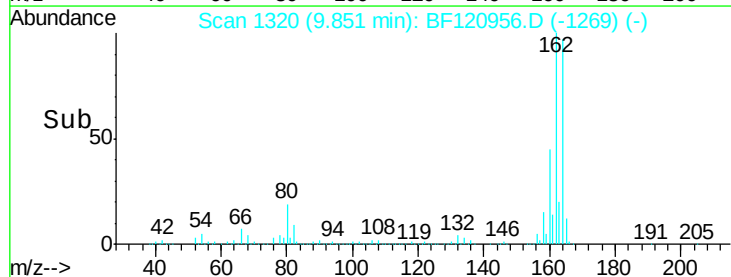
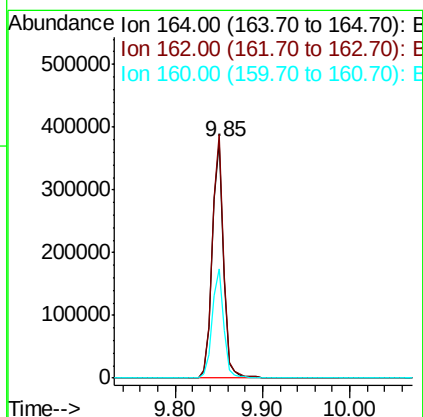
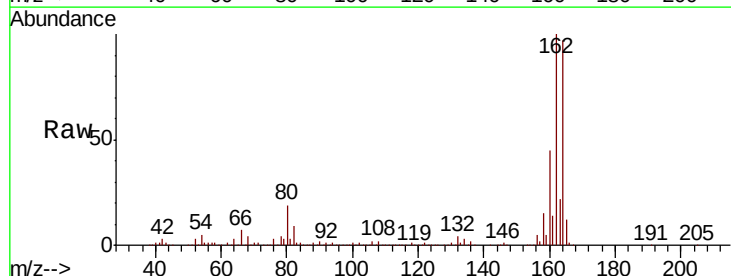
Instrument :
BNA_F
ClientSampleId :
55-ST-28

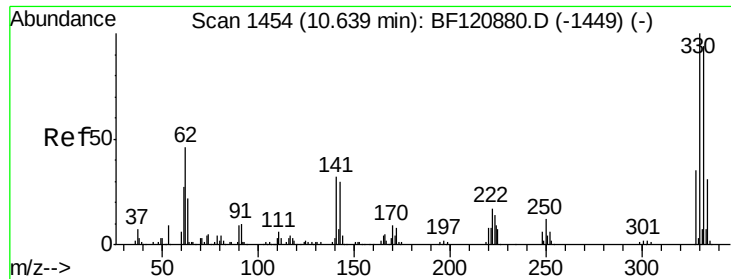
Tot Ion: 82 Resp: 895819
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.6 23.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120956.D
Acq: 21 Jul 2020 16:14

Tgt Ion:164 Resp: 341439
Ion Ratio Lower Upper
164 100
162 102.9 81.2 121.8
160 46.4 36.9 55.3

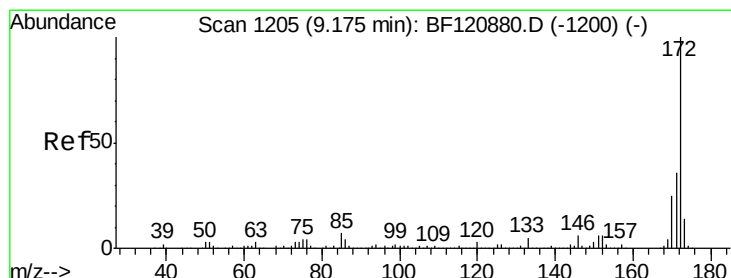
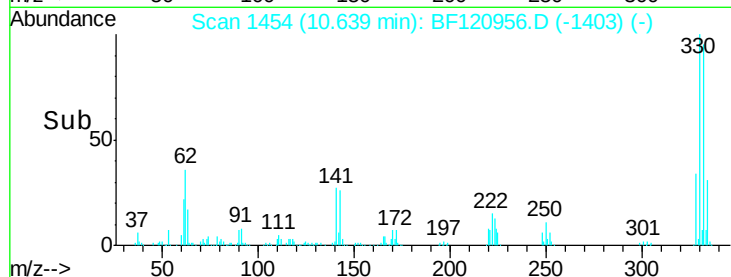
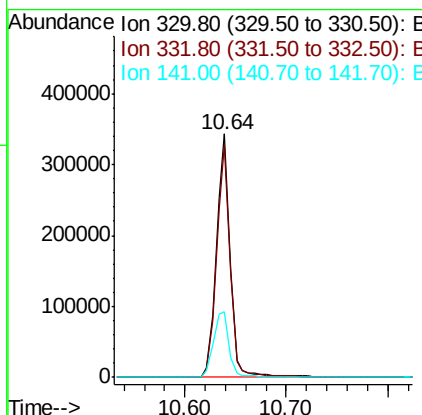
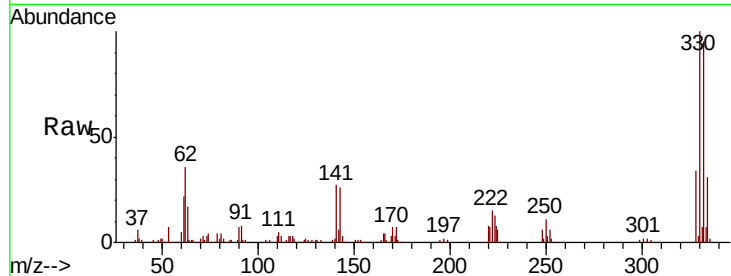




#42
 2,4,6-Tribromophenol
 Concen: 87.104 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120956.D
 Acq: 21 Jul 2020 16:14

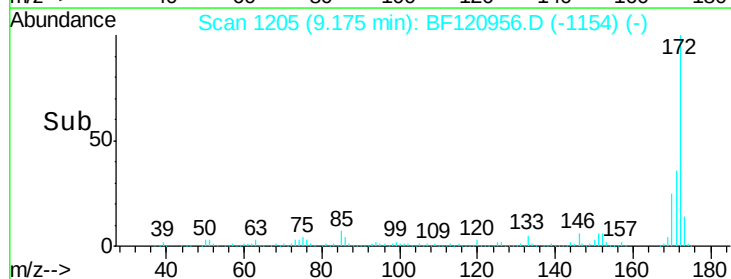
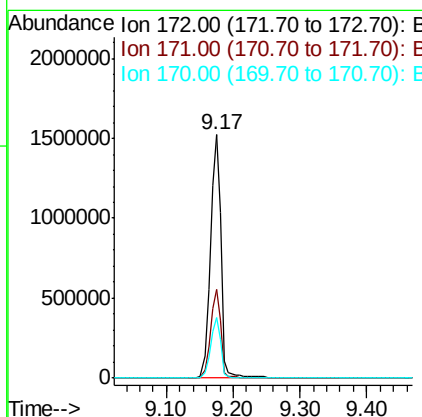
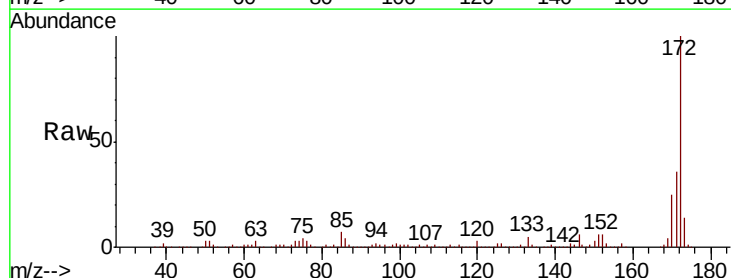
Instrument :
 BNA_F
 ClientSampled :
 55-ST-28

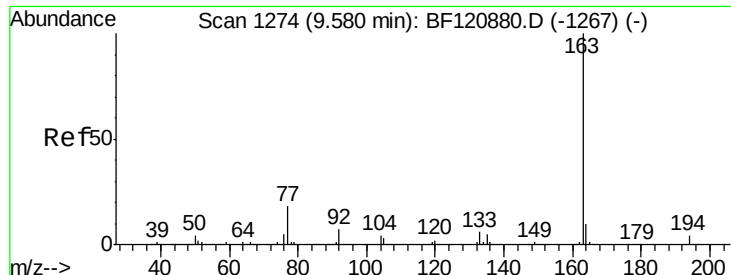
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.5	113.3
141	30.9	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 73.758 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120956.D
 Acq: 21 Jul 2020 16:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	25.1	19.6	29.4

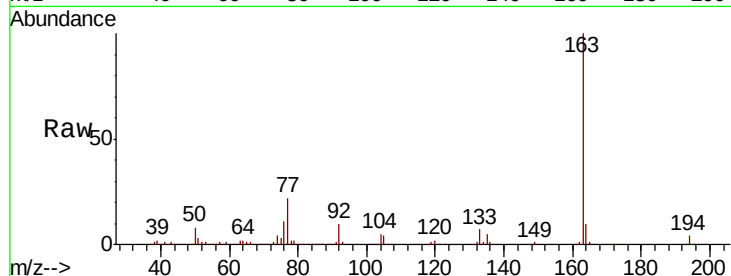




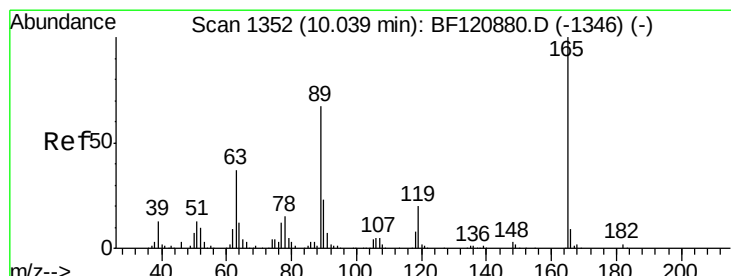
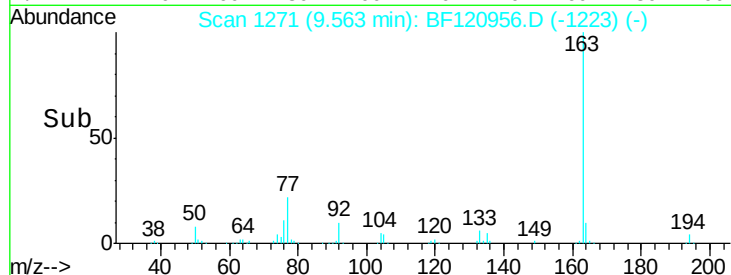
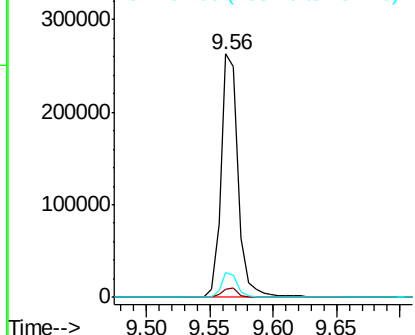
#50
Dimethylphthalate
Concen: 10.155 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120956.D
Acq: 21 Jul 2020 16:14

Instrument :
BNA_F
ClientSampleId :
55-ST-28

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.3	7.9	11.9

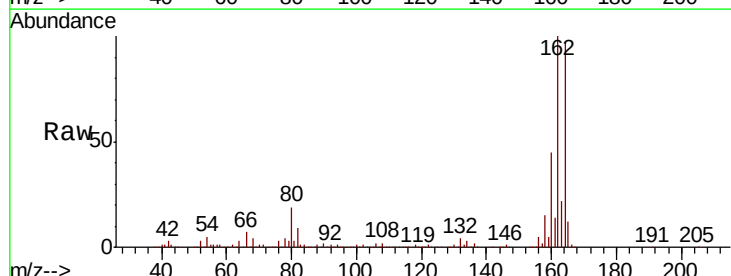


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

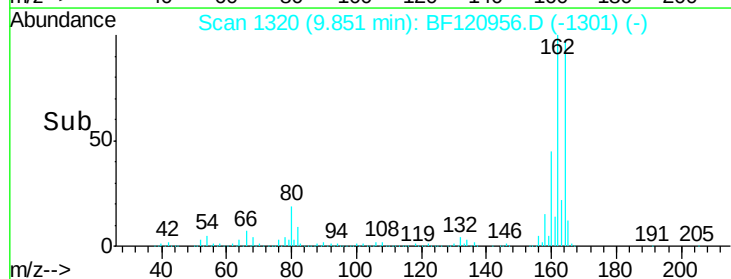
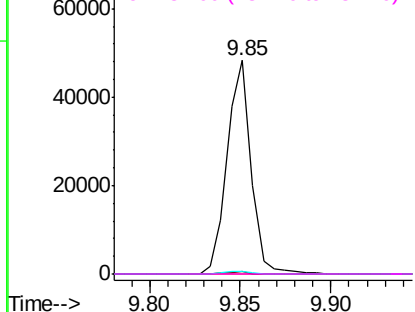


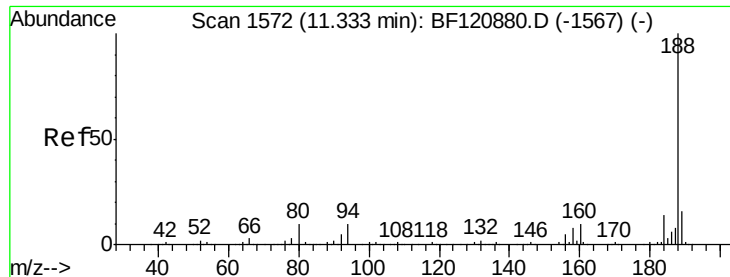
#57
2,4-Dinitrotoluene
Concen: 6.412 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF120956.D
Acq: 21 Jul 2020 16:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.4	44.2#
89	1.4	53.4	80.0#
182	0.0	1.8	2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120956.D

Acq: 21 Jul 2020 16:14

Instrument :

BNA_F

ClientSampleId :

55-ST-28

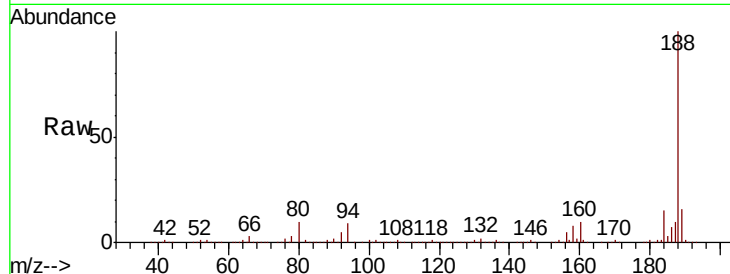
Tot Ion:188 Resp: 654983

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

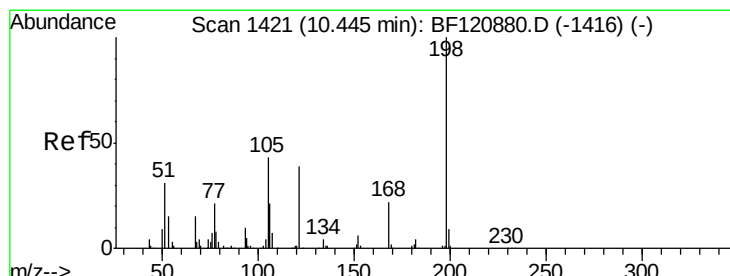
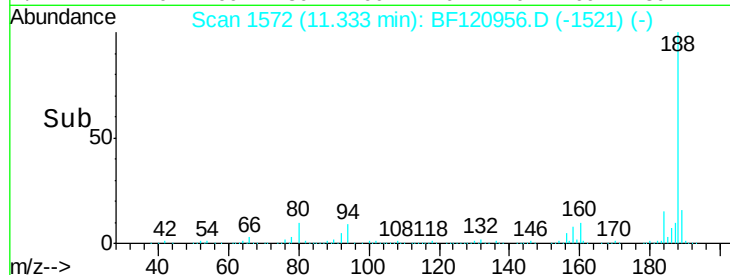
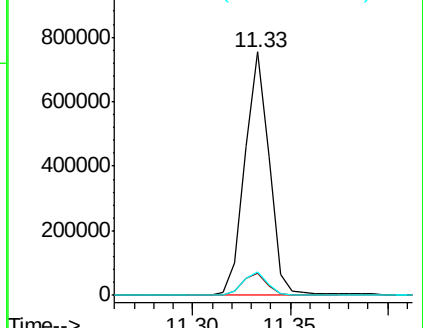
80 9.7 8.3 12.5



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: 3.989 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.19 min

Lab File: BF120956.D

Acq: 21 Jul 2020 16:14

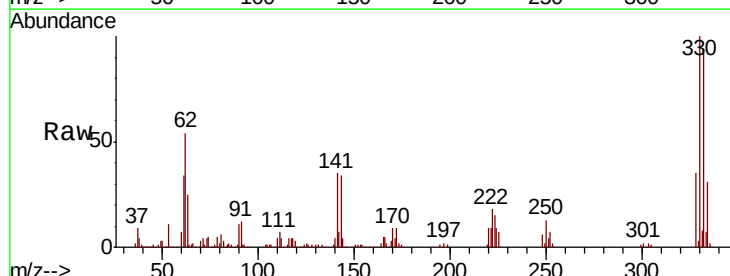
Tgt Ion:198 Resp: 602

Ion Ratio Lower Upper

198 100

51 165.1 19.5 59.5#

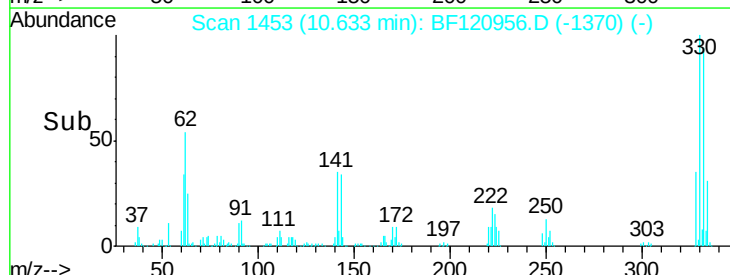
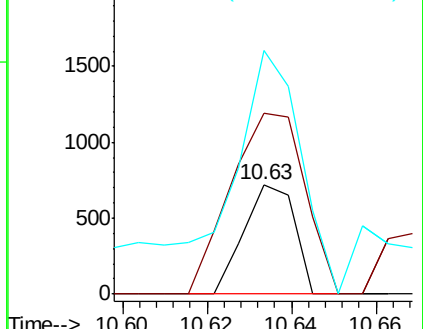
105 221.9 24.4 64.4#

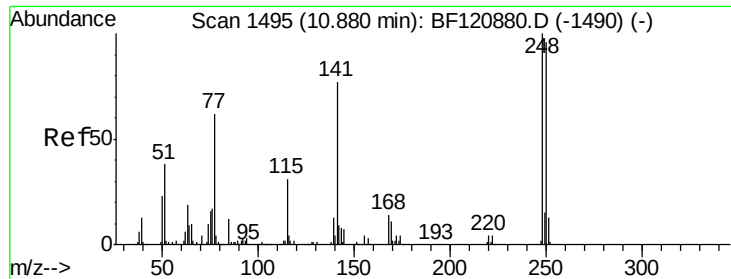


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

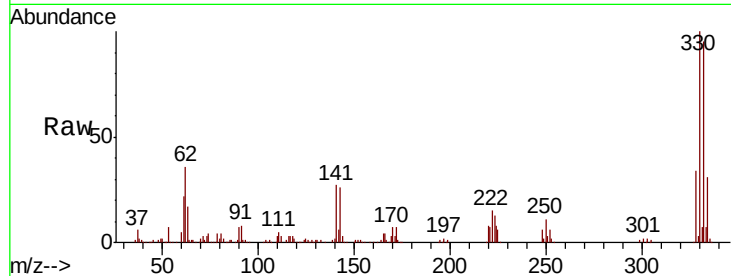




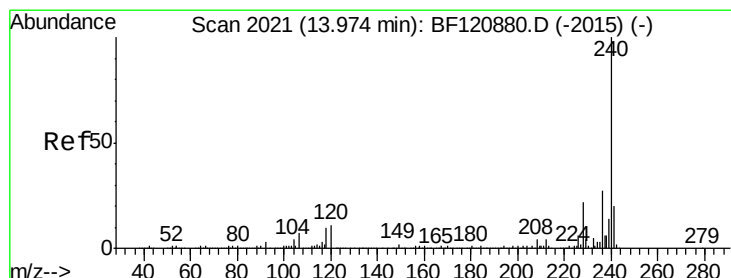
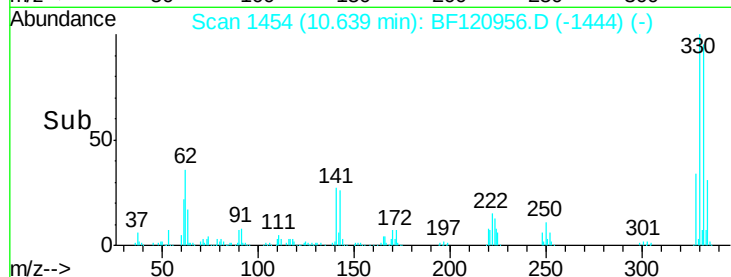
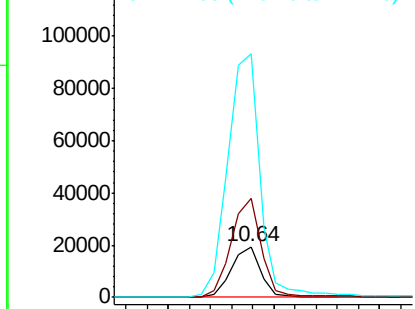
#67
4-Bromophenyl-phenylether
Concen: 2.572 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120956.D
Acq: 21 Jul 2020 16:14

Instrument :
BNA_F
ClientSampleId :
55-ST-28

Tot Ion:248 Resp: 18781
Ion Ratio Lower Upper
248 100
250 196.5 77.1 115.7#
141 480.6 61.2 91.8#

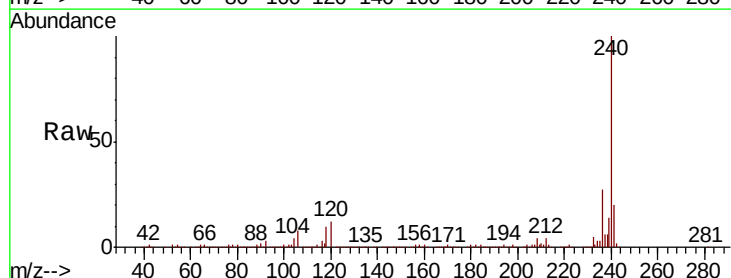


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

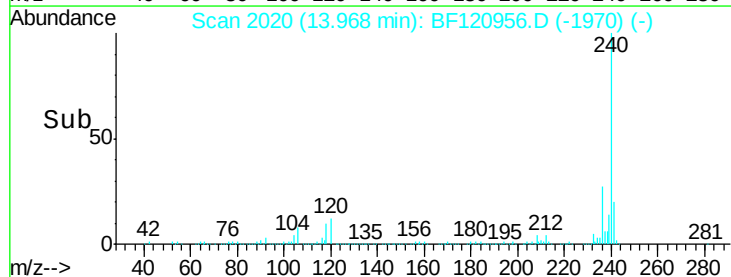
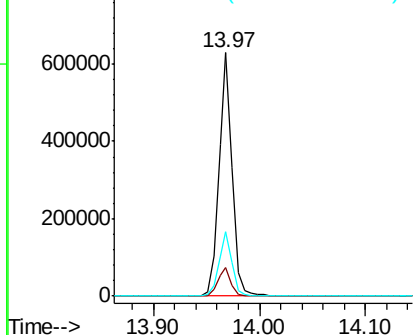


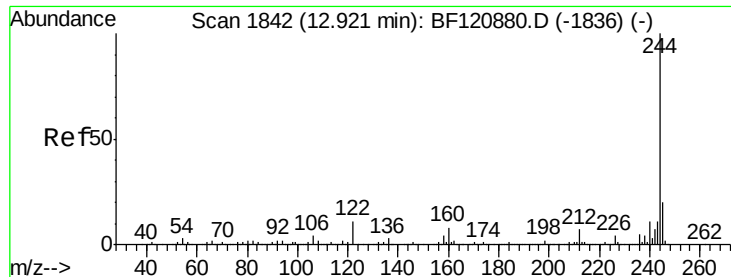
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120956.D
Acq: 21 Jul 2020 16:14

Tgt Ion:240 Resp: 554829
Ion Ratio Lower Upper
240 100
120 11.5 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





#79

Terphenyl-d14

Concen: 71.708 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120956.D

Acq: 21 Jul 2020 16:14

Instrument :

BNA_F

ClientSampleId :

55-ST-28

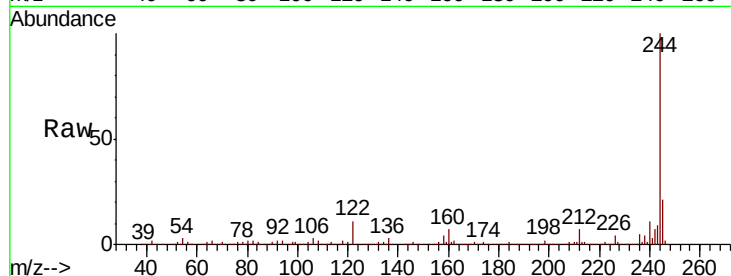
Tot Ion:244 Resp: 1830252

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

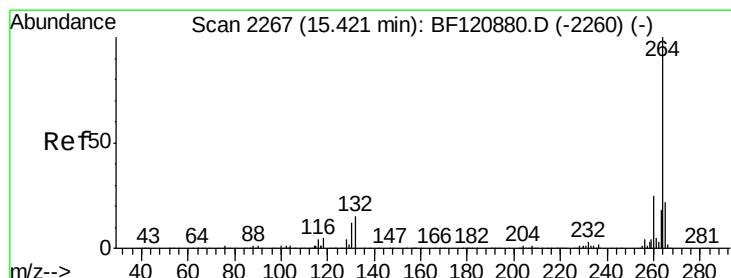
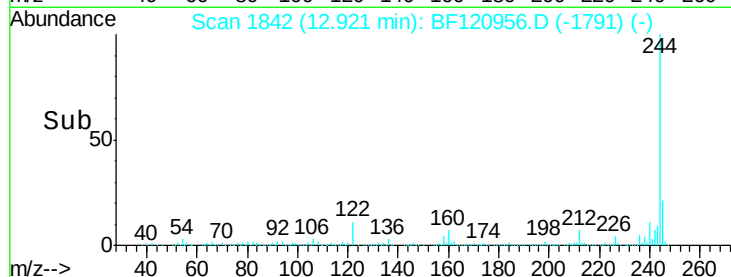
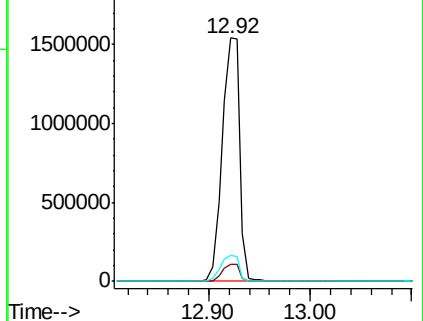
122 10.9 8.9 13.3



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF120956.D

Acq: 21 Jul 2020 16:14

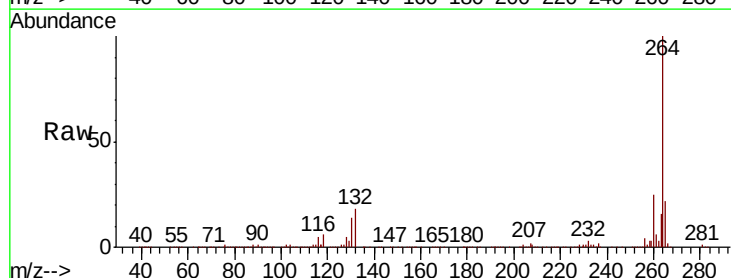
Tgt Ion:264 Resp: 494836

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

265 21.8 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

