

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120900.D
 Acq On : 16 Jul 2020 22:24
 Operator : JU/CG
 Sample : L3308-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6

Quant Time: Jul 17 01:56:16 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

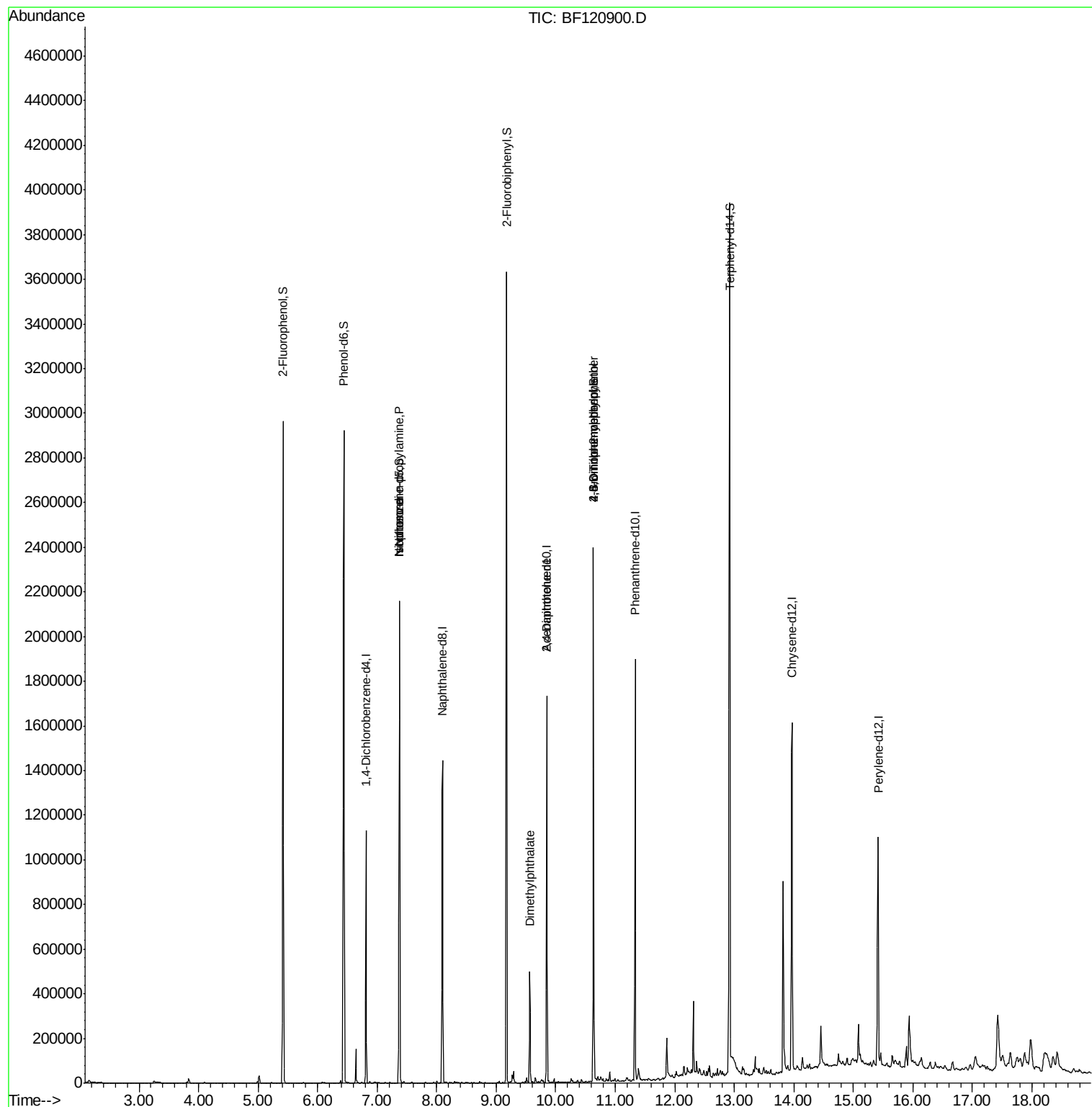
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	164697	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	641486	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	338070	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	669797	20.00	ng	0.00
76) Chrysene-d12	13.97	240	538087	20.00	ng	0.00
86) Perylene-d12	15.42	264	448714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	853692	84.97	ng	0.00
7) Phenol-d6	6.44	99	1051885	81.05	ng	0.00
23) Nitrobenzene-d5	7.37	82	639944	57.72	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	317306	85.75	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1183371	52.26	ng	0.00
79) Terphenyl-d14	12.92	244	1313013	53.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	271	Below Cal		Qvalue # 40
19) n-Nitroso-di-n-propylamine	7.37	70	83277	11.285	ng	# 79
25) Isophorone	7.37	82	638566	28.861	ng	# 63
50) Dimethylphthalate	9.56	163	175316	7.188	ng	100
57) 2,4-Dinitrotoluene	9.85	165	43782	6.363	ng	# 28
65) 4,6-Dinitro-2-methylphenol	10.63	198	721	4.014	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	17981	2.408	ng	# 1

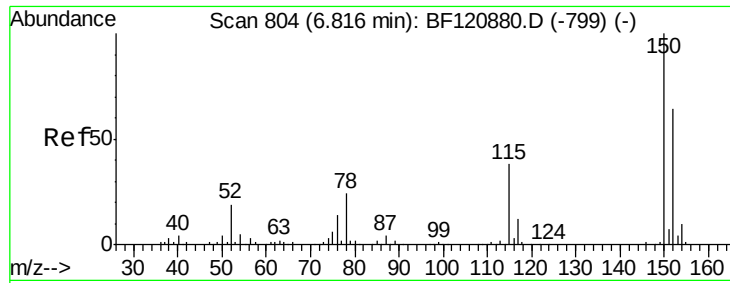
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120900.D
Acq On : 16 Jul 2020 22:24
Operator : JU/CG
Sample : L3308-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6

Quant Time: Jul 17 01:56:16 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



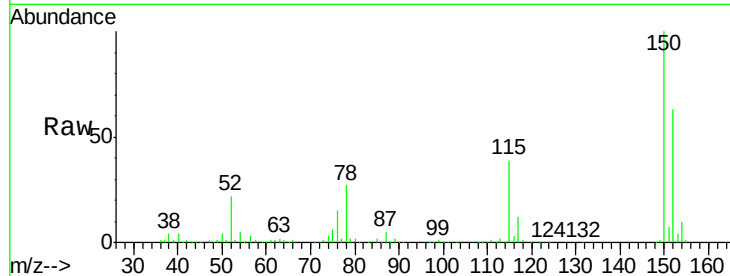


#1

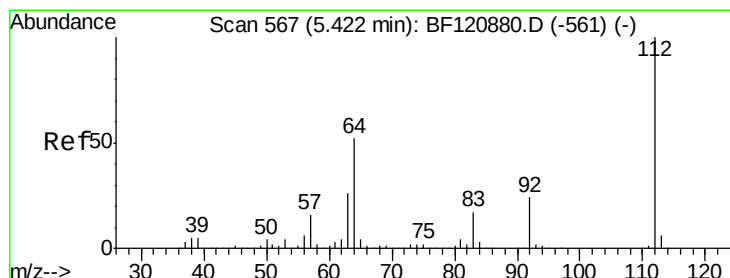
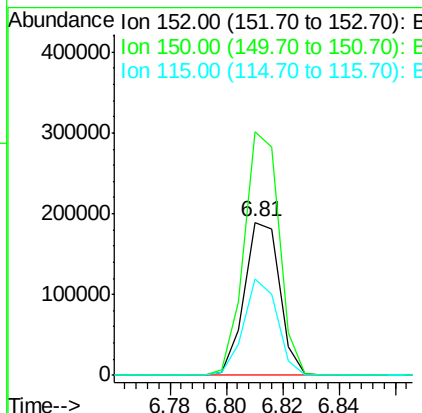
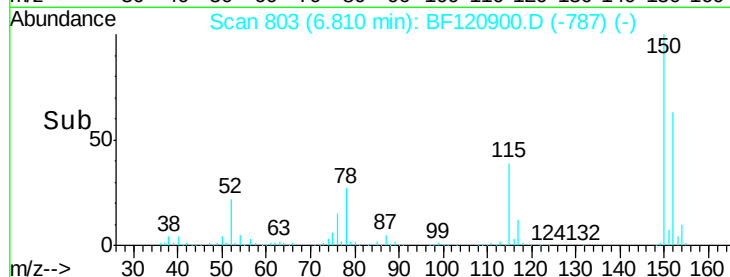
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF120900.D
 Acq: 16 Jul 2020 22:24

Instrument :
 BNA_F
 ClientSampleId :
 6

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	125.0	187.6
115	62.6	47.0	70.4



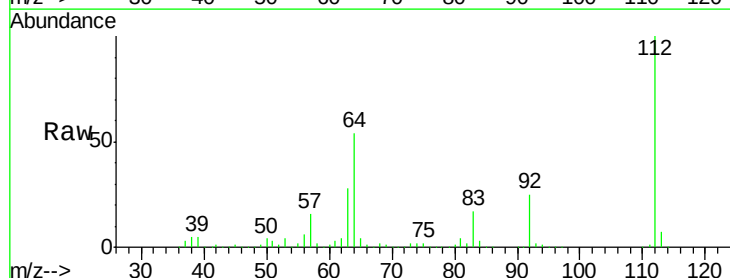
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



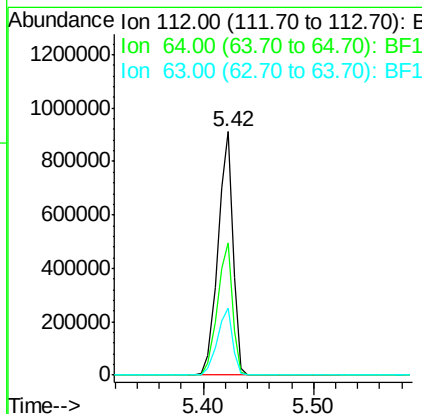
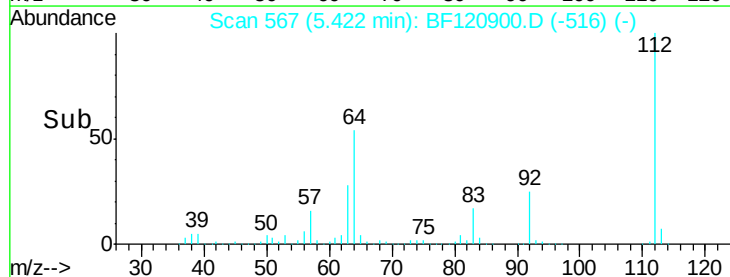
#5

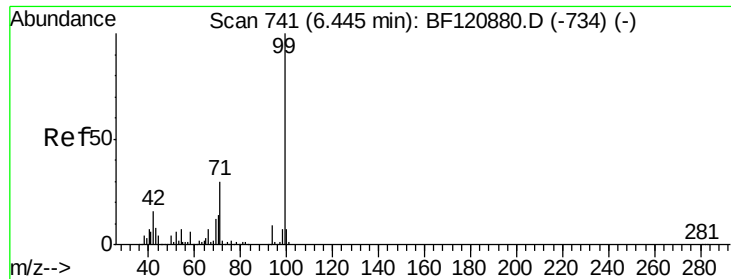
2-Fluorophenol
 Concen: 84.975 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF120900.D
 Acq: 16 Jul 2020 22:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	41.3	61.9
63	27.6	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: 81.055 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120900.D

Acq: 16 Jul 2020 22:24

Instrument :

BNA_F

ClientSampled :

6

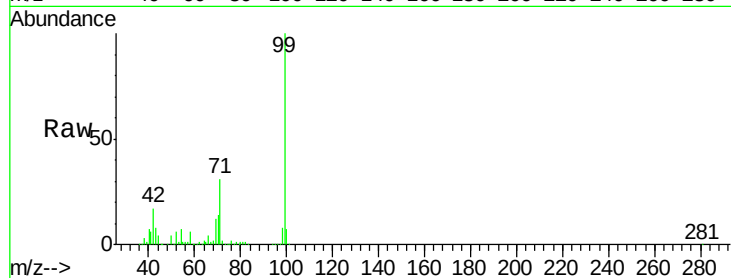
Tot Ion: 99 Resp: 1051885

Ion Ratio Lower Upper

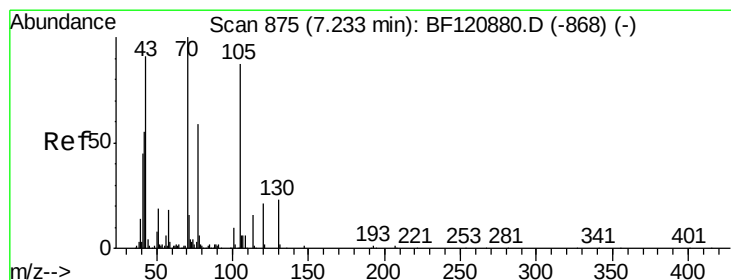
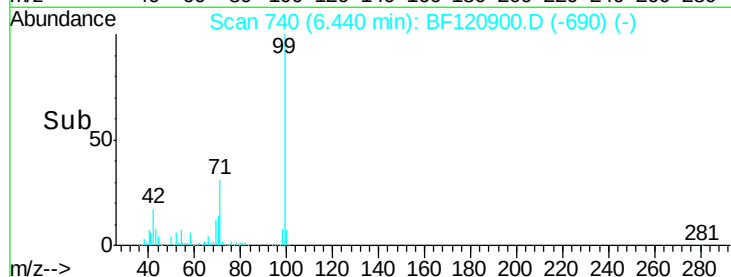
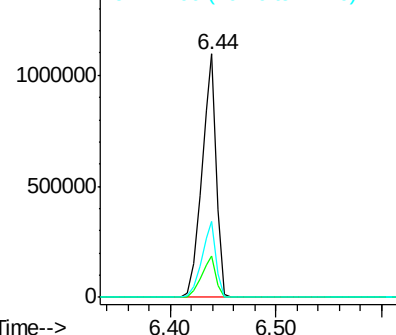
99 100

42 16.8 13.1 19.7

71 31.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 11.285 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120900.D

Acq: 16 Jul 2020 22:24

Tgt Ion: 70 Resp: 83277

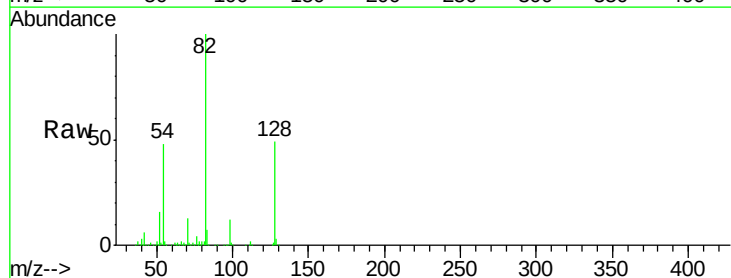
Ion Ratio Lower Upper

70 100

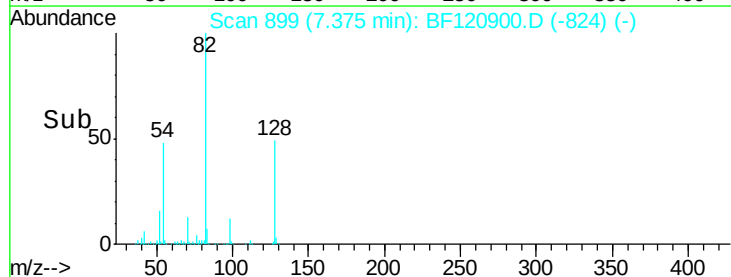
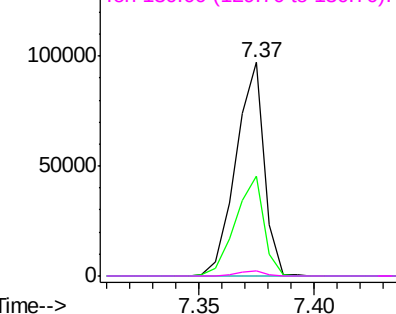
42 46.6 44.0 66.0

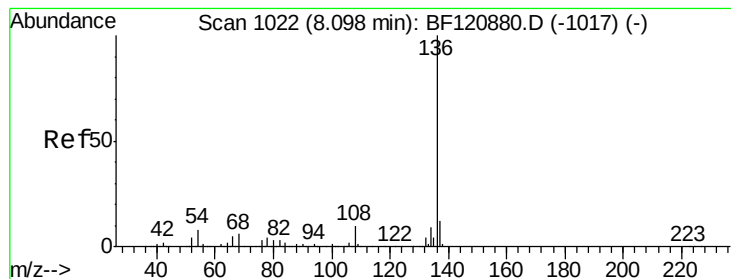
101 0.0 7.8 11.6#

130 2.6 18.7 28.1#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120900.D

Acq: 16 Jul 2020 22:24

Instrument :

BNA_F

ClientSampleId :

6

Tot Ion:136 Resp: 641486

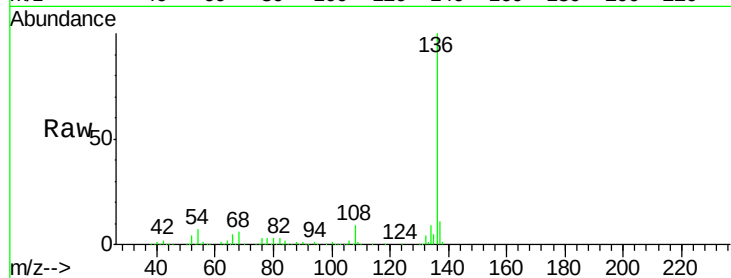
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 6.8 6.3 9.5

68 5.5 5.0 7.4

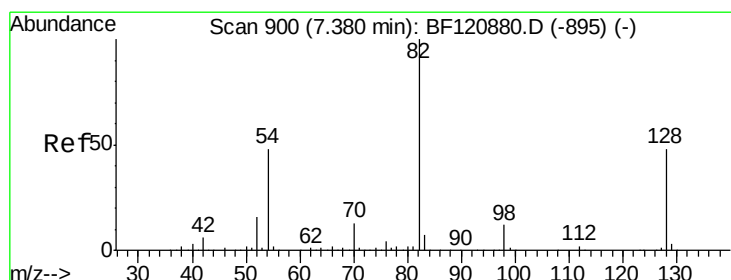
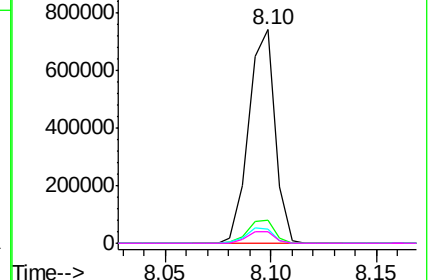
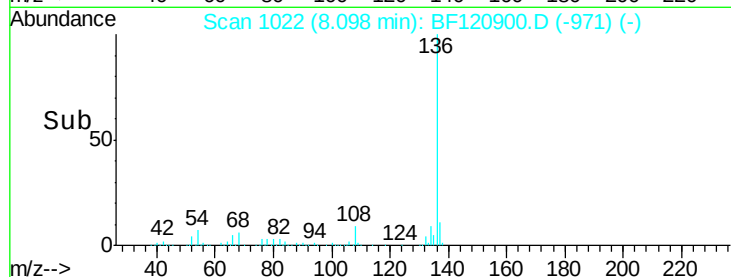


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.724 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120900.D

Acq: 16 Jul 2020 22:24

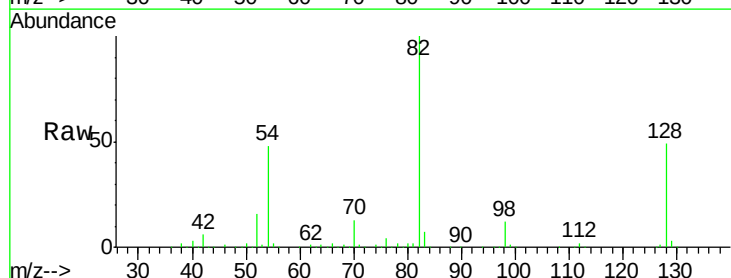
Tgt Ion: 82 Resp: 639944

Ion Ratio Lower Upper

82 100

128 48.6 38.2 57.4

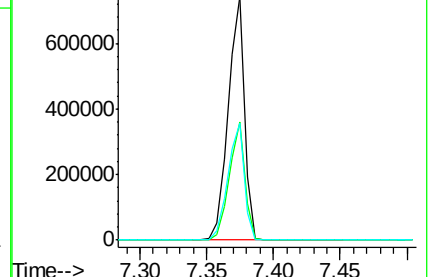
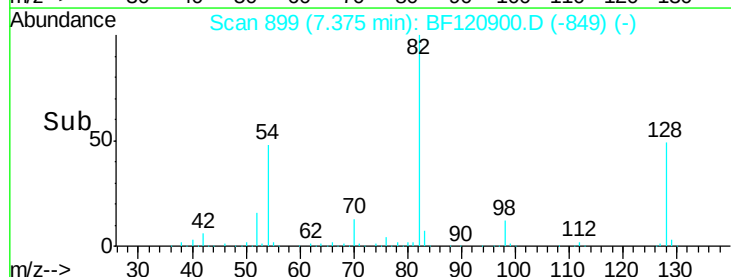
54 47.8 38.7 58.1

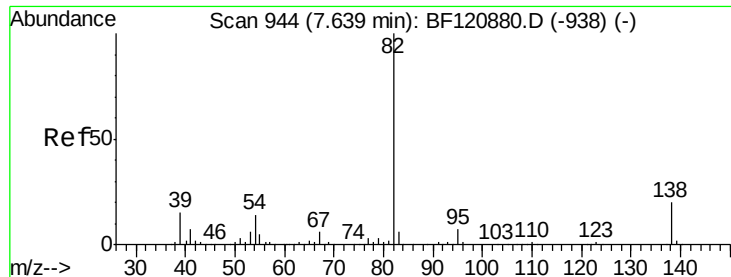


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 28.861 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120900.D

Acq: 16 Jul 2020 22:24

Instrument :

BNA_F

ClientSampleId :

6

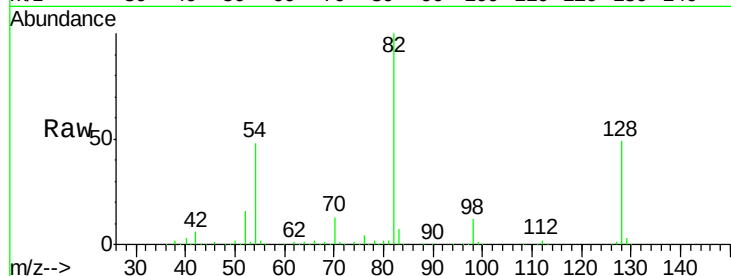
Tot Ion: 82 Resp: 638566

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

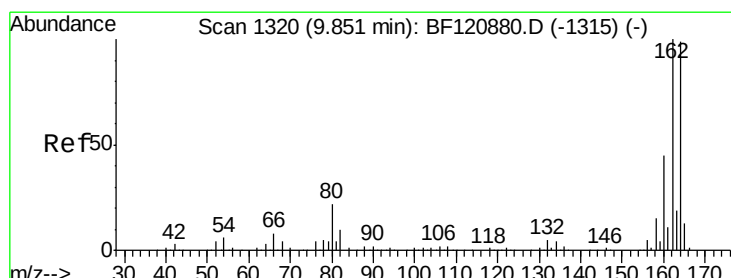
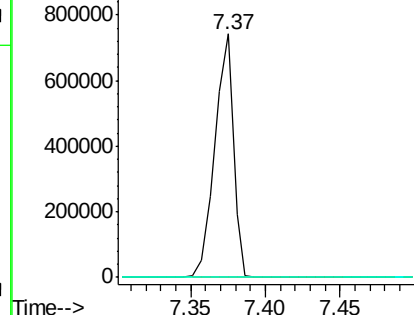
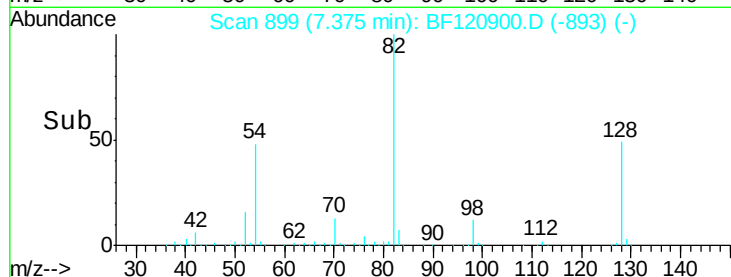
138 0.0 15.6 23.4#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120900.D

Acq: 16 Jul 2020 22:24

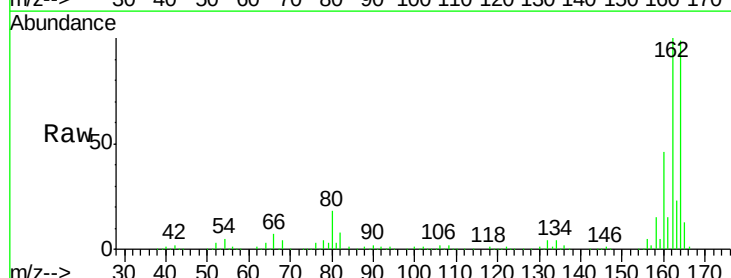
Tgt Ion:164 Resp: 338070

Ion Ratio Lower Upper

164 100

162 100.6 81.2 121.8

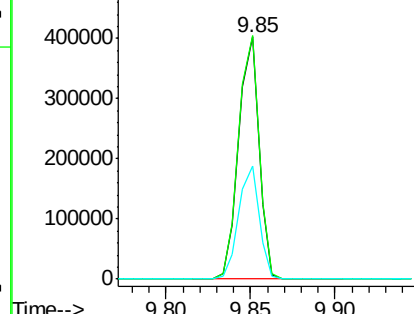
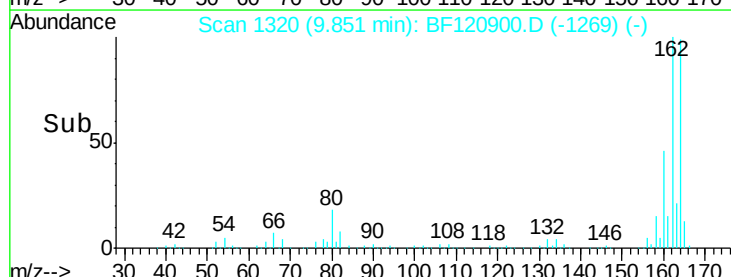
160 46.6 36.9 55.3

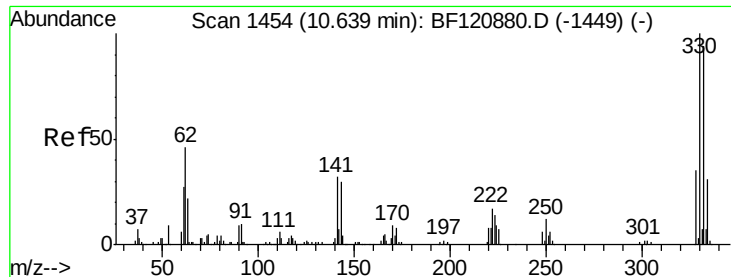


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

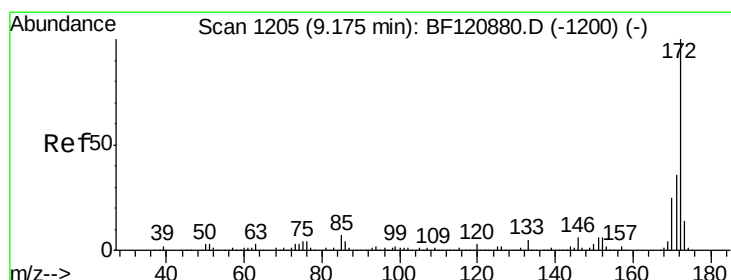
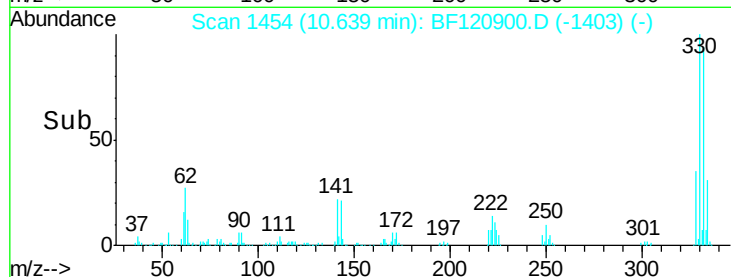
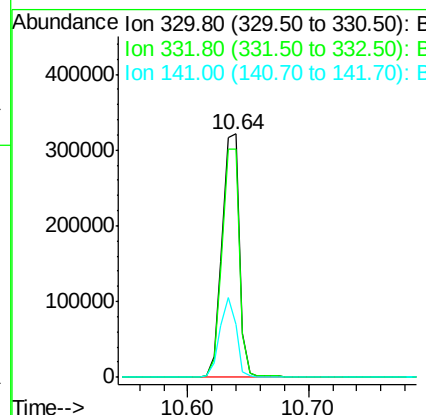
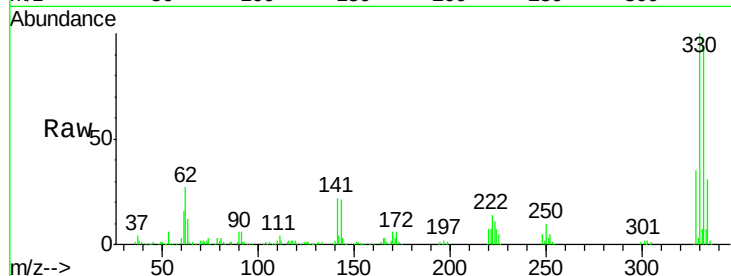




#42
 2,4,6-Tribromophenol
 Concen: 85.747 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120900.D
 Acq: 16 Jul 2020 22:24

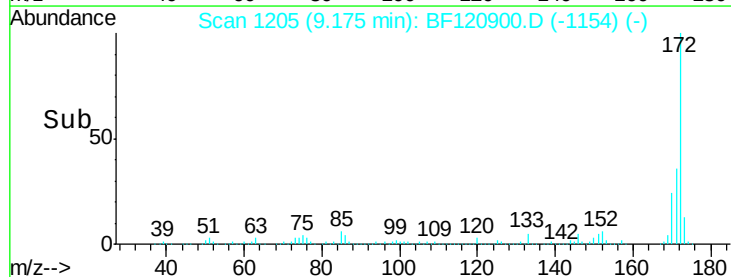
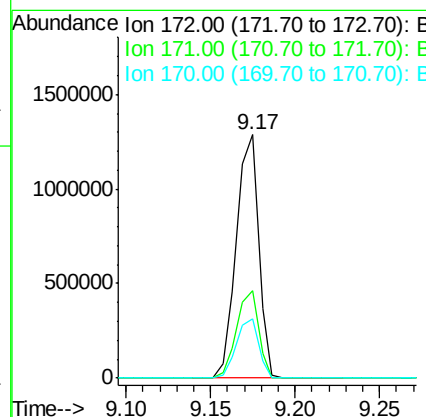
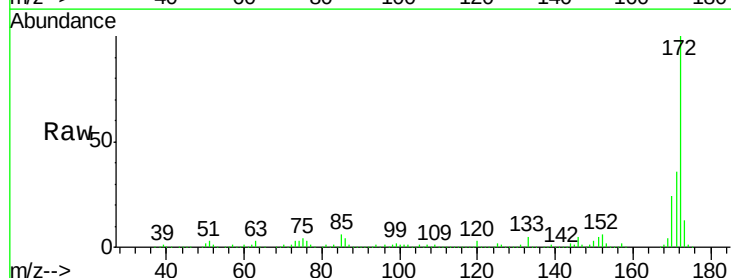
Instrument :
 BNA_F
 ClientSampleId :
 6

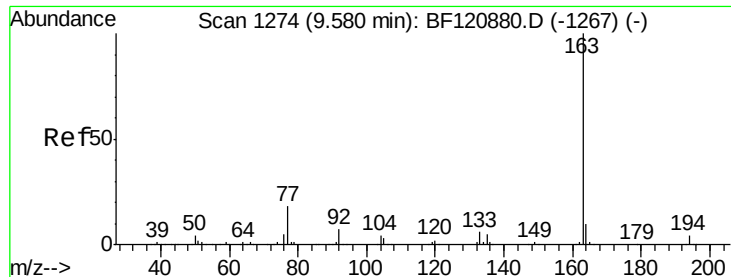
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.5	113.3
141	30.9	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 52.262 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120900.D
 Acq: 16 Jul 2020 22:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.3	19.6	29.4





#50

Dimethylphthalate

Concen: 7.188 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF120900.D

Acq: 16 Jul 2020 22:24

Instrument :

BNA_F

ClientSampleId :

6

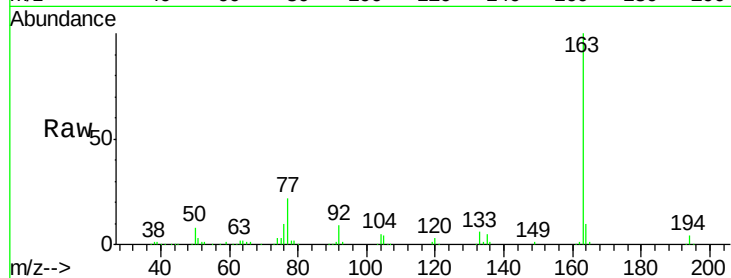
Tot Ion:163 Resp: 175316

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

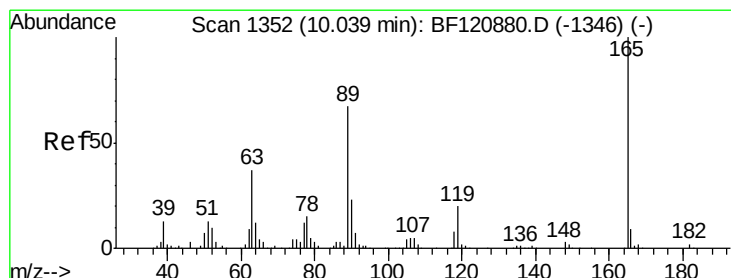
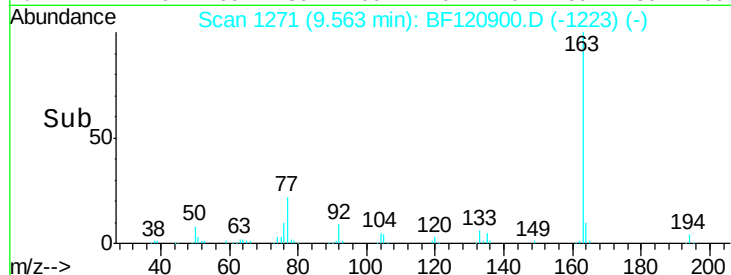
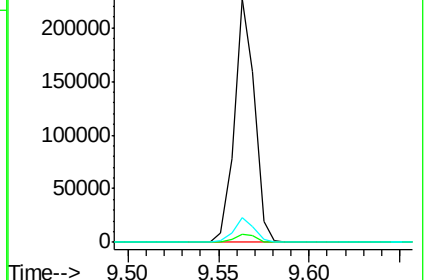
164 9.9 7.9 11.9



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: 6.363 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF120900.D

Acq: 16 Jul 2020 22:24

Tgt Ion:165 Resp: 43782

Ion Ratio Lower Upper

165 100

63 0.9 29.4 44.2#

89 1.6 53.4 80.0#

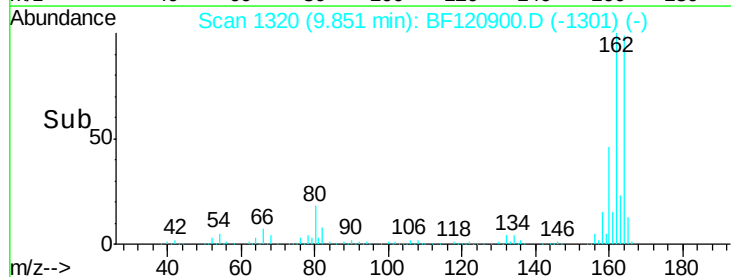
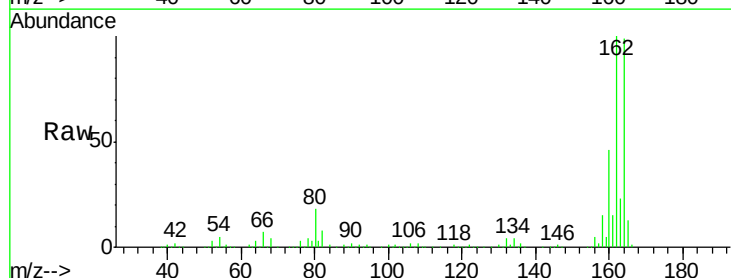
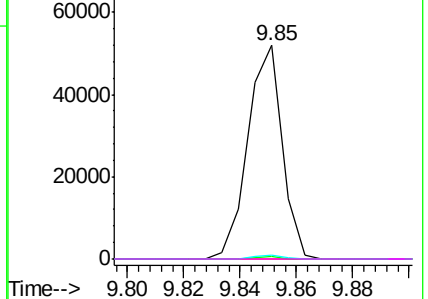
182 0.0 1.8 2.6#

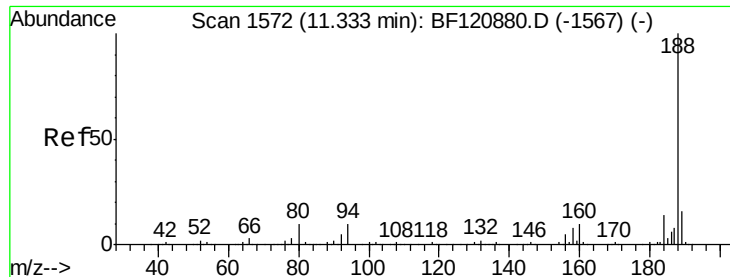
Abundance Ion 165.00 (164.70 to 165.70): E

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

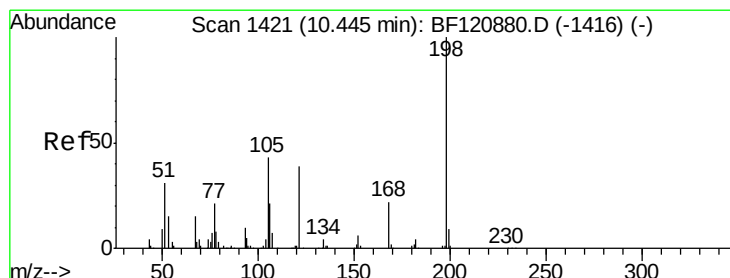
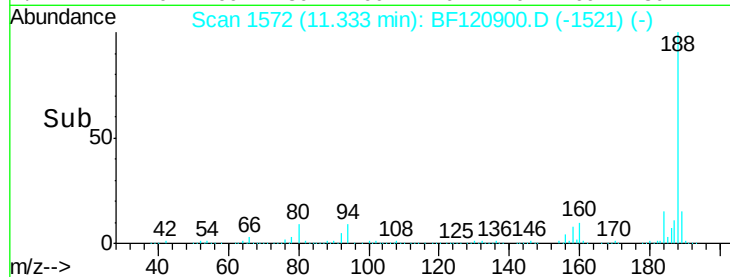
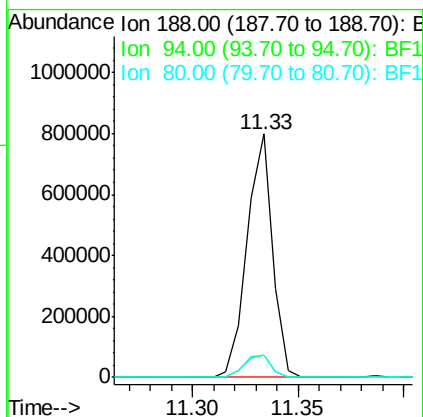
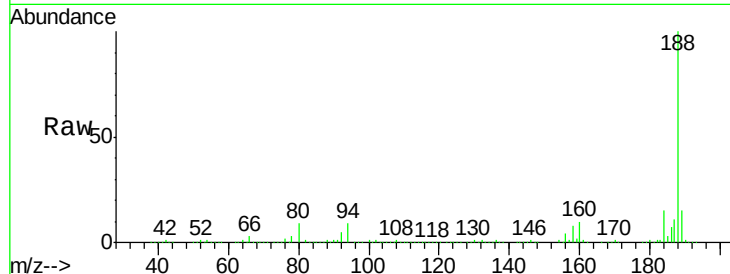




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120900.D
Acq: 16 Jul 2020 22:24

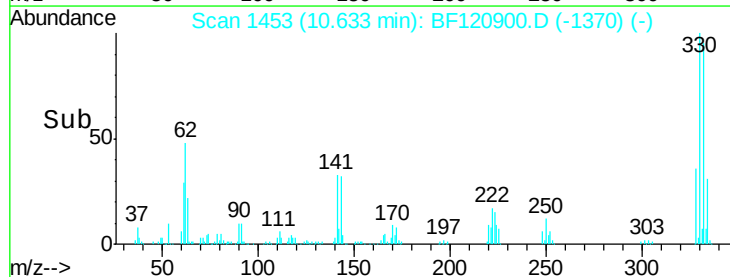
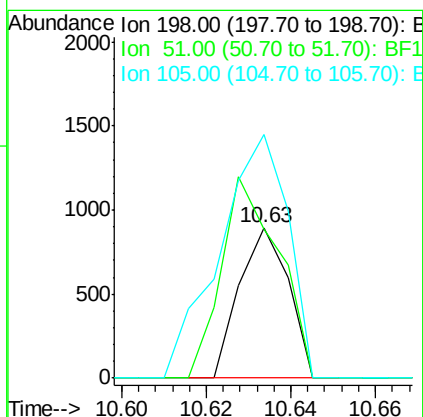
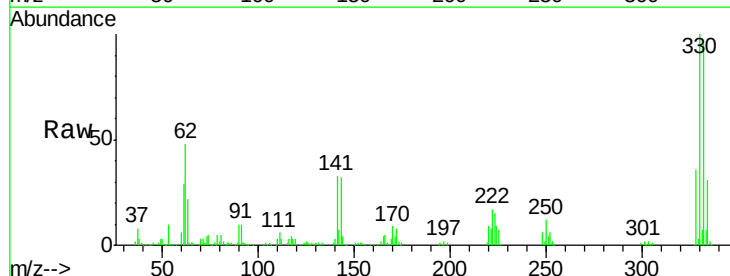
Instrument :
BNA_F
ClientSampleId :
6

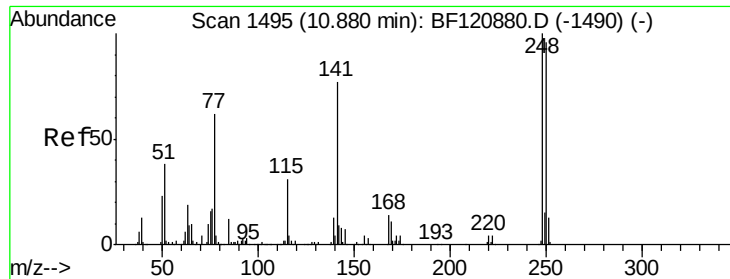
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	9.1	8.3	12.5



#65
4,6-Dinitro-2-methylphenol
Concen: 4.014 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.19 min
Lab File: BF120900.D
Acq: 16 Jul 2020 22:24

Tgt Ion	Ratio	Lower	Upper
198	100		
51	99.1	19.5	59.5#
105	161.4	24.4	64.4#

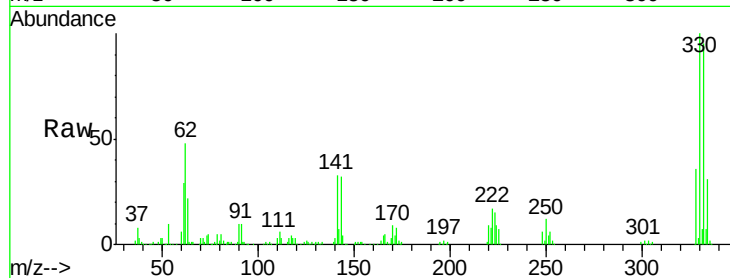




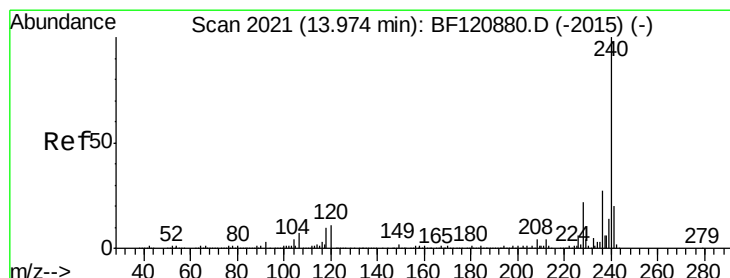
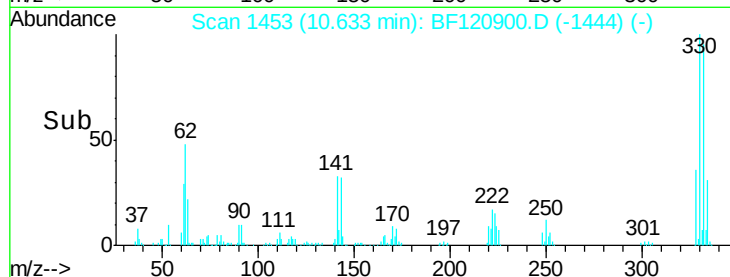
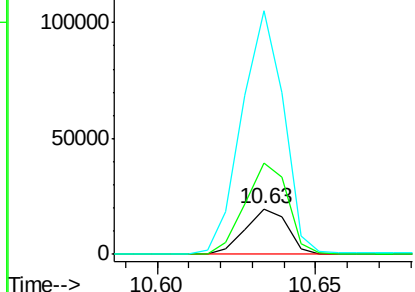
#67
 4-Bromophenyl-phenylether
 Concen: 2.408 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF120900.D
 Acq: 16 Jul 2020 22:24

Instrument :
 BNA_F
 ClientSampled :
 6

Tot Ion:248 Resp: 17981
 Ion Ratio Lower Upper
 248 100
 250 201.4 77.1 115.7#
 141 538.8 61.2 91.8#

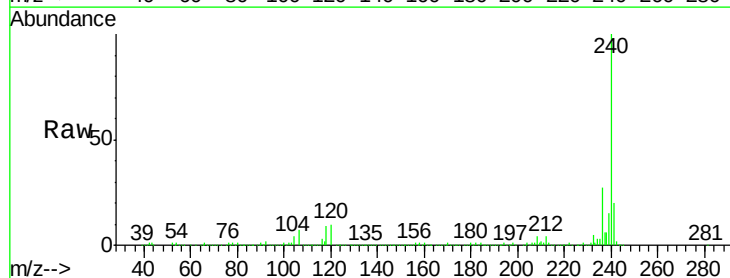


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

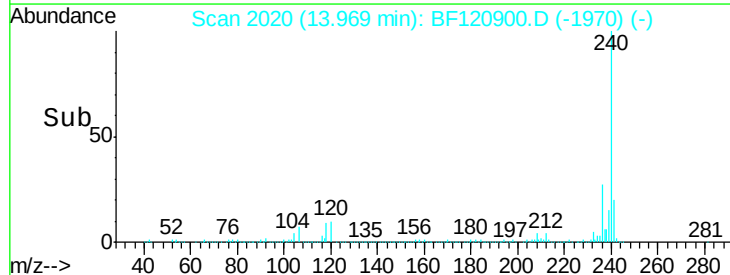
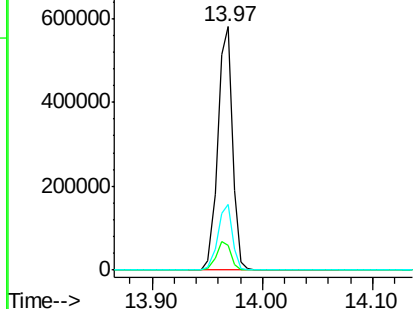


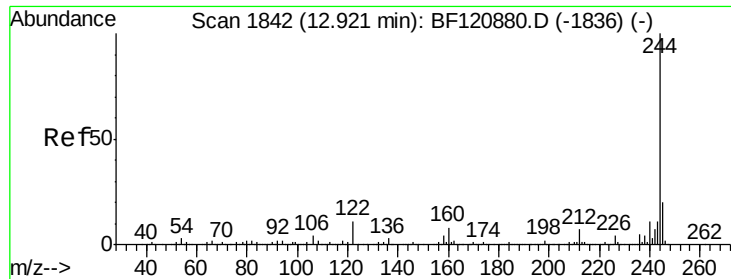
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF120900.D
 Acq: 16 Jul 2020 22:24

Tgt Ion:240 Resp: 538087
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.0 13.4
 236 27.1 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



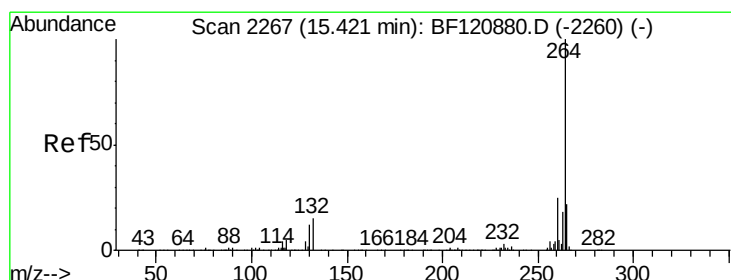
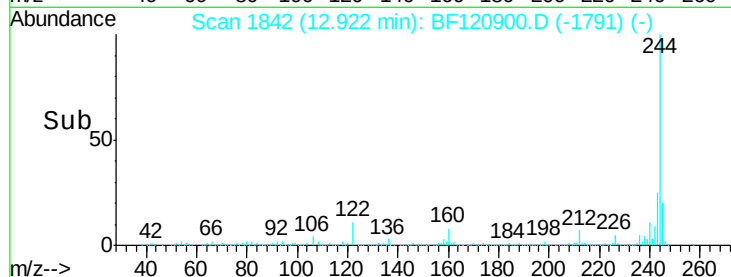
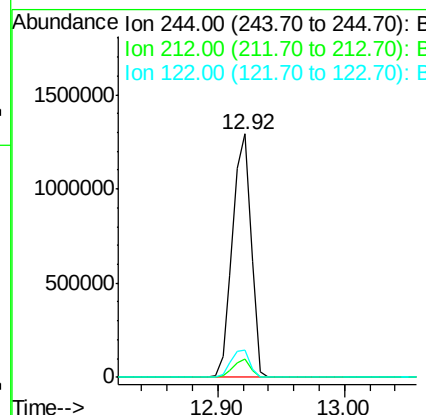
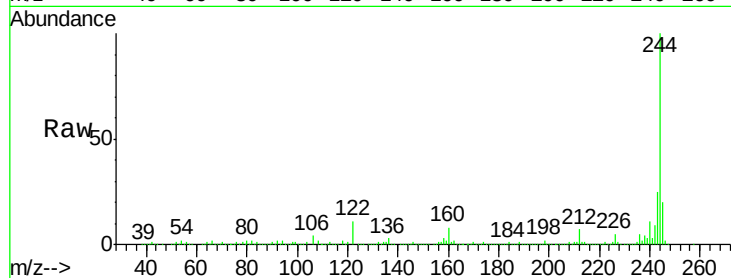


#79
 Terphenyl-d14
 Concen: 53.044 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120900.D
 Acq: 16 Jul 2020 22:24

Instrument :
 BNA_F
 ClientSampleId :
 6

Tot Ion:244 Resp: 1313013

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	11.2	8.9	13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF120900.D
 Acq: 16 Jul 2020 22:24

Tgt Ion:264 Resp: 448714

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.0	30.0
265	21.3	17.4	26.2

