

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120312.D
 Acq On : 15 May 2020 1:08
 Operator : MA/SJ
 Sample : L2501-01 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 15 02:45:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

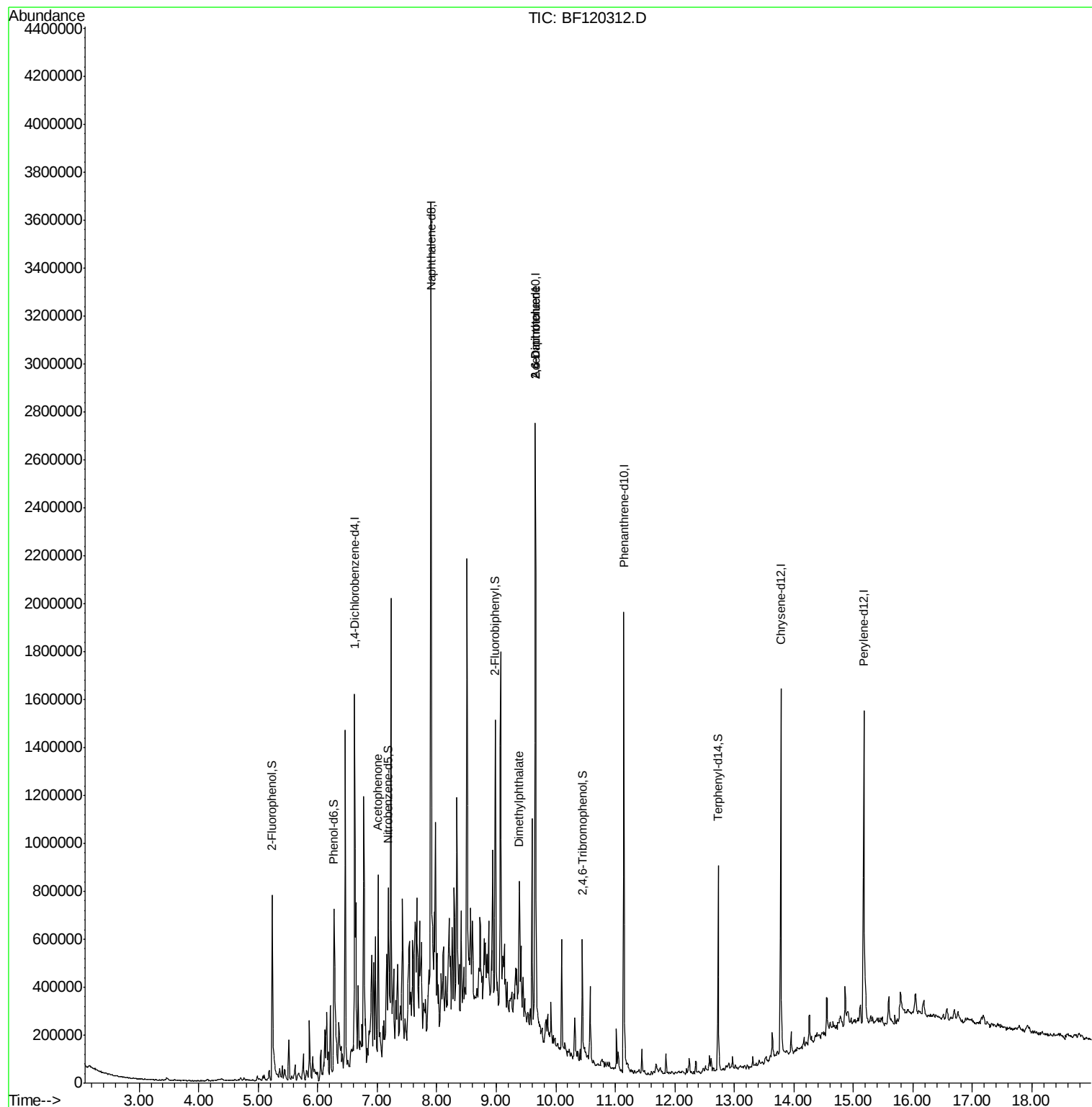
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	286055	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1098066	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	537688	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	853167	20.00	ng	0.00
76) Chrysene-d12	13.78	240	584067	20.00	ng	0.00
87) Perylene-d12	15.17	264	611832	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	320098	21.77	ng	0.00
7) Phenol-d6	6.27	99	387515	20.84	ng	0.00
23) Nitrobenzene-d5	7.19	82	206977	12.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.45	330	71510	16.31	ng	-0.01
45) 2-Fluorobiphenyl	8.99	172	473883	18.11	ng	0.00
79) Terphenyl-d14	12.73	244	336523	12.73	ng	0.00
Target Compounds						
22) Acetophenone	7.02	105	59745	2.656	ng	# 37
50) Dimethylphthalate	9.38	163	79710	2.345	ng	# 97
51) 2,6-Dinitrotoluene	9.66	165	71544	9.431	ng	# 24
57) 2,4-Dinitrotoluene	9.66	165	70481	7.920	ng	# 17

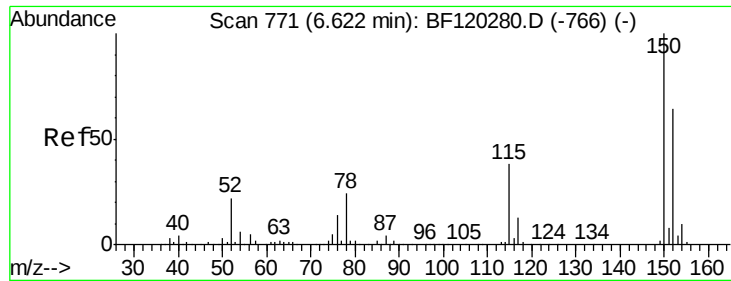
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 27 Sample Multiplier: 1

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BNA_F
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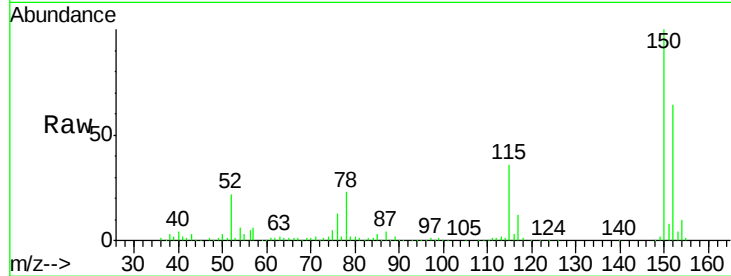


#1

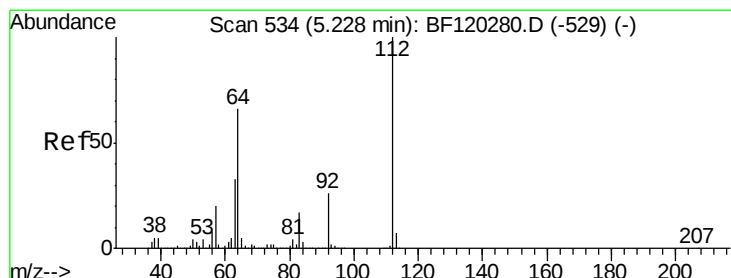
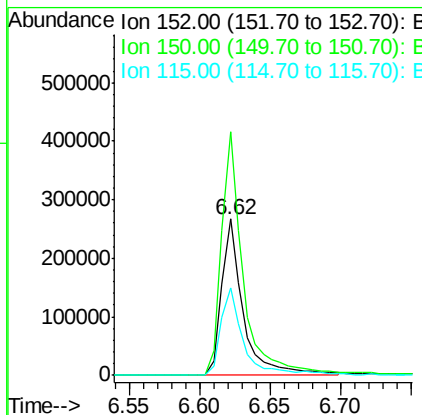
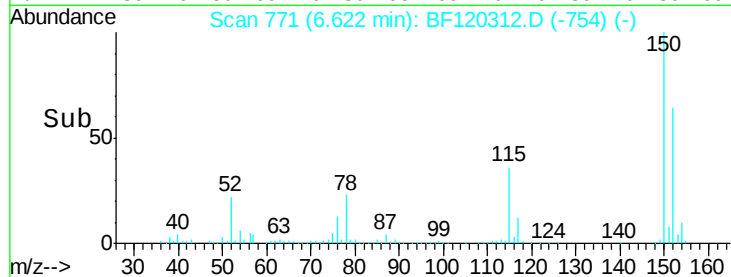
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF120312.D
Acq: 15 May 2020 1:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	56.0	47.9	71.9



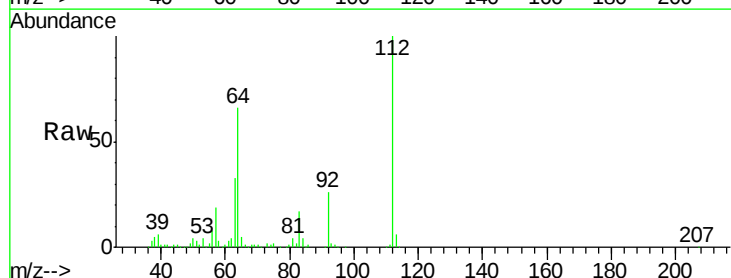
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



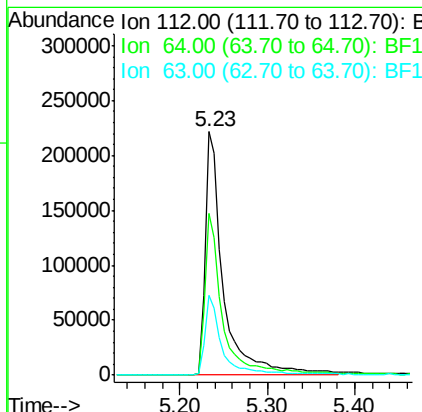
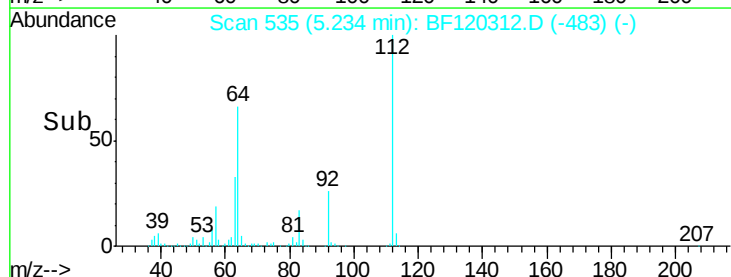
#5

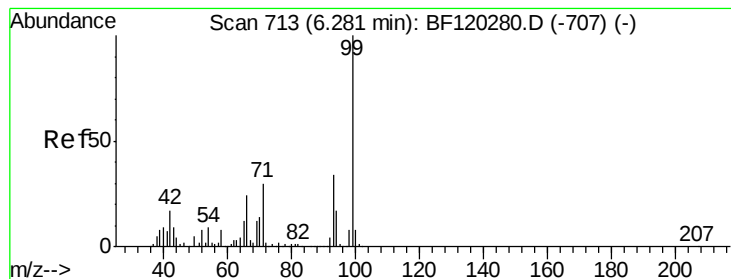
2-Fluorophenol
Concen: 21.773 ng
RT: 5.23 min Scan# 535
Delta R.T. 0.01 min
Lab File: BF120312.D
Acq: 15 May 2020 1:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	52.7	79.1
63	32.8	26.2	39.4



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: 20.843 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF120312.D

Acq: 15 May 2020 1:08

Instrument :

BNA_F

ClientSampleId :

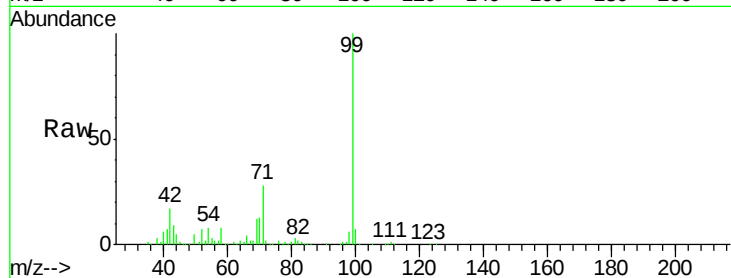
Tot Ion: 99 Resp: 387515

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

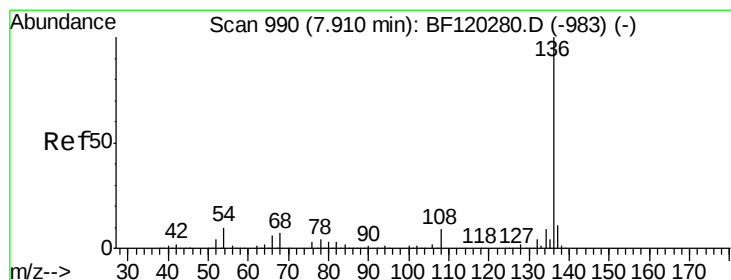
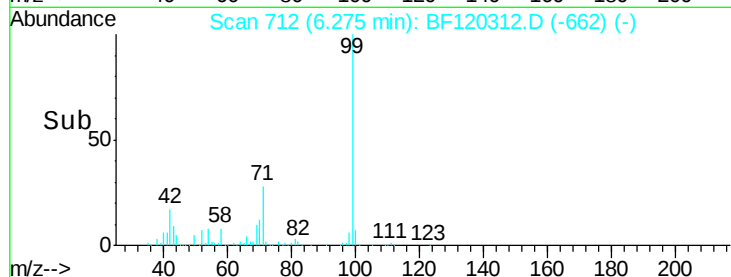
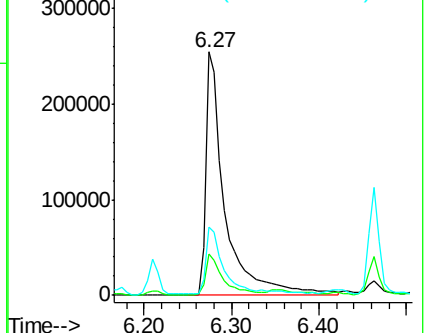
71 28.0 24.2 36.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF120312.D

Acq: 15 May 2020 1:08

Tgt Ion: 136 Resp: 1098066

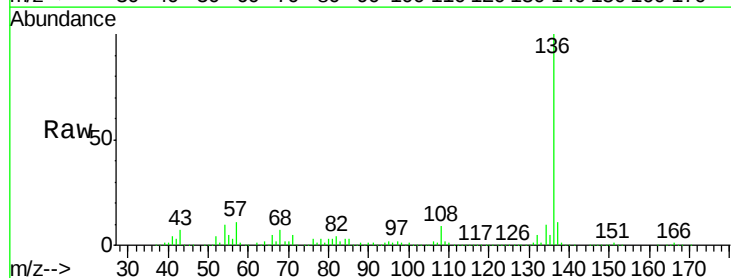
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 10.0 7.9 11.9

68 6.9 5.4 8.2

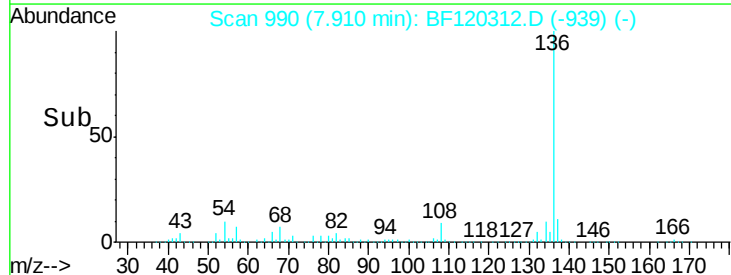
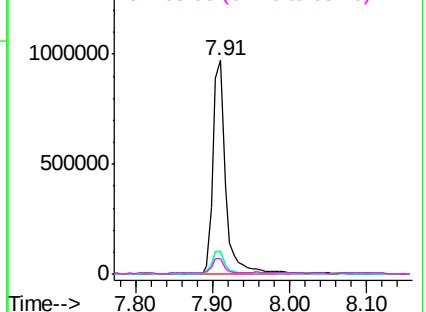


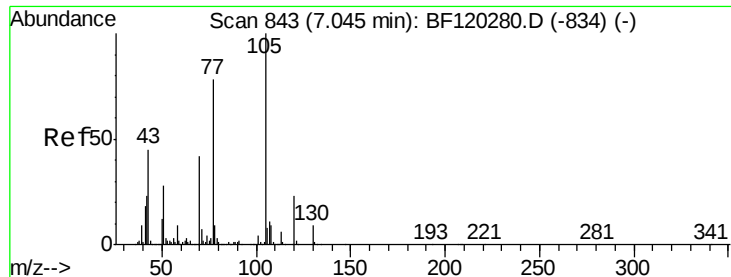
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.656 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.02 min

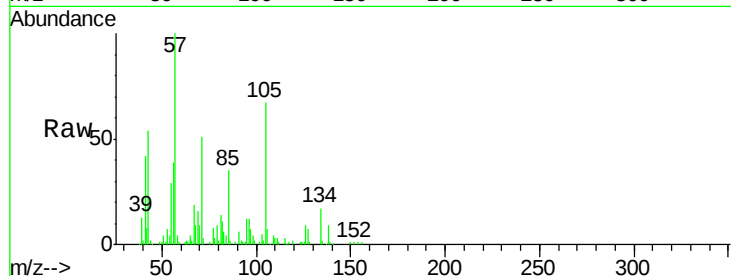
Lab File: BF120312.D

Acq: 15 May 2020 1:08

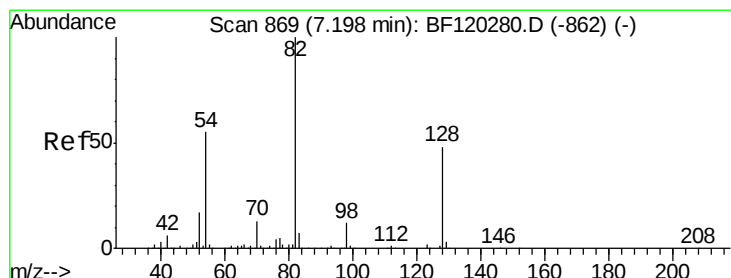
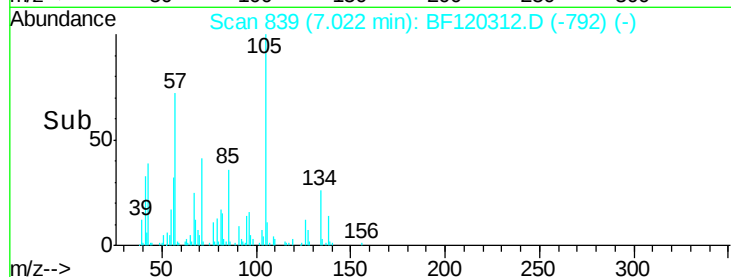
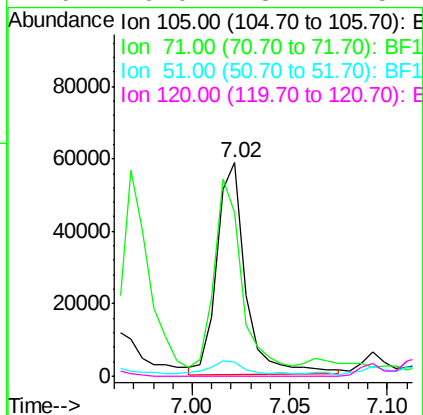
Instrument :

BNA_F

ClientSampleId :



Tot Ion:	105	Resp:	59745
Ion	Ratio	Lower	Upper
105	100		
71	76.7	5.6	8.4#
51	6.6	22.6	34.0#
120	0.0	18.7	28.1#



#23

Nitrobenzene-d5

Concen: 12.905 ng

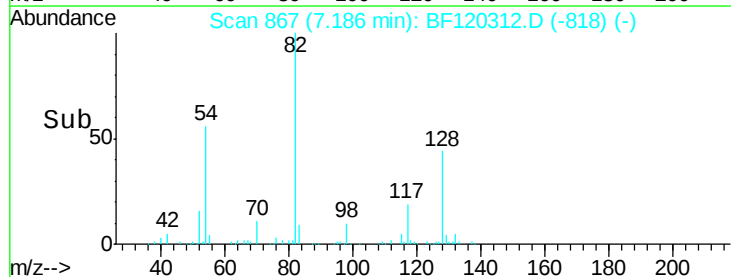
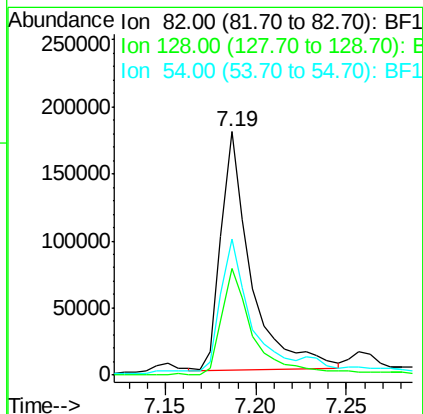
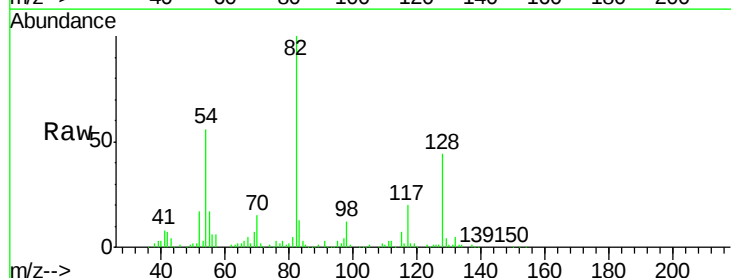
RT: 7.19 min Scan# 867

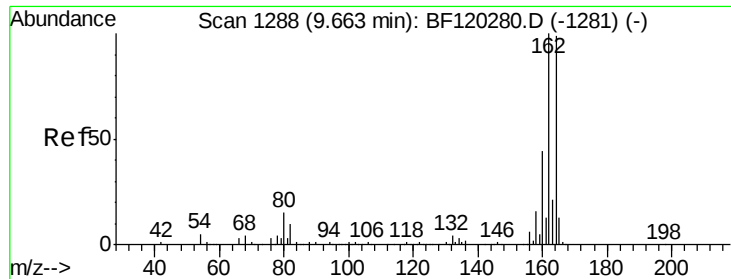
Delta R.T. -0.01 min

Lab File: BF120312.D

Acq: 15 May 2020 1:08

Tgt Ion:	82	Resp:	206977
Ion	Ratio	Lower	Upper
82	100		
128	43.6	38.3	57.5
54	55.7	43.9	65.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF120312.D

Acq: 15 May 2020 1:08

Instrument :

BNA_F

ClientSampleId :

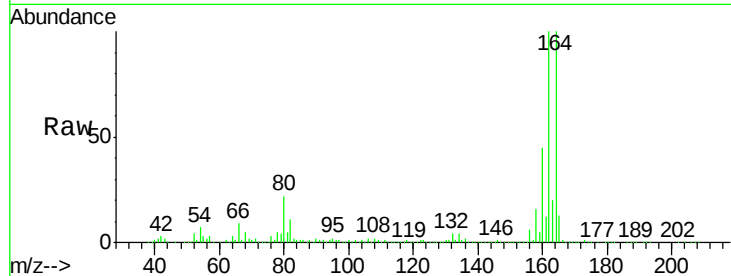
Tot Ion:164 Resp: 537688

Ion Ratio Lower Upper

164 100

162 100.0 81.2 121.8

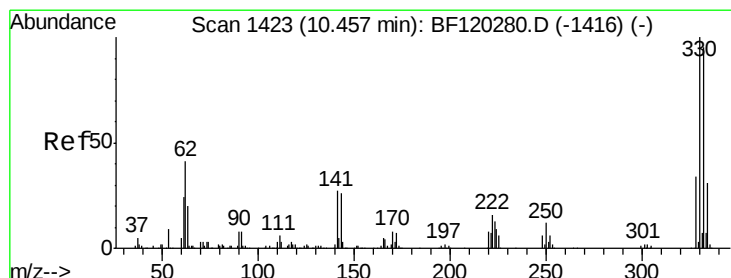
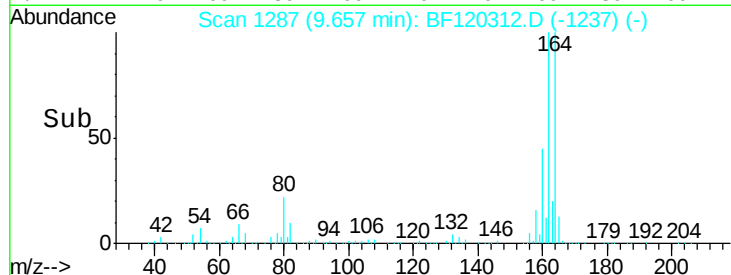
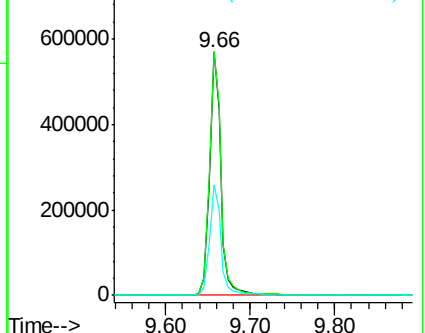
160 45.5 35.8 53.6



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: 16.312 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF120312.D

Acq: 15 May 2020 1:08

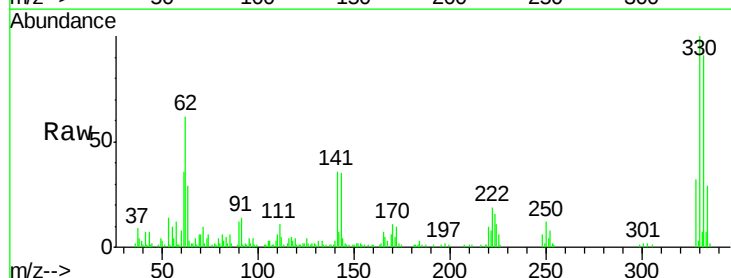
Tgt Ion:330 Resp: 71510

Ion Ratio Lower Upper

330 100

332 94.2 76.5 114.7

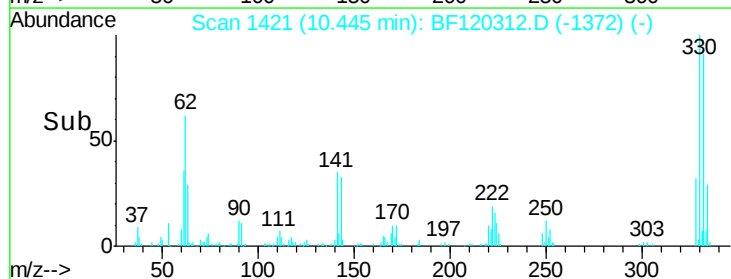
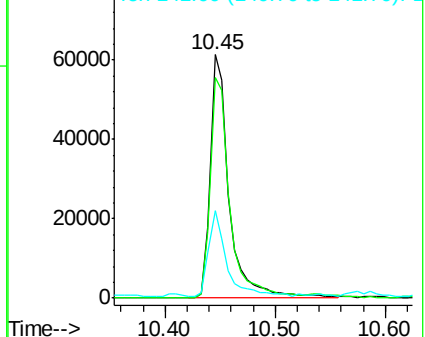
141 32.3 25.4 38.0

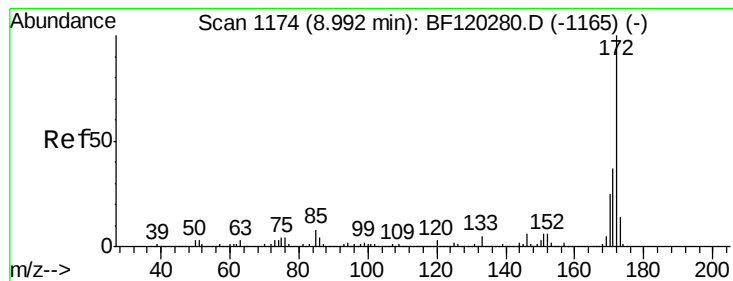


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

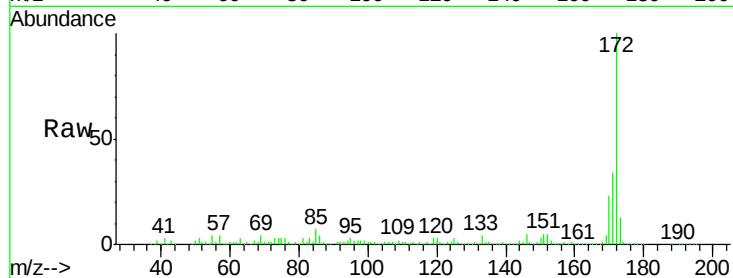




#45
 2-Fluorobiphenyl
 Concen: 18.107 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF120312.D
 Acq: 15 May 2020 1:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	23.2	19.9	29.9

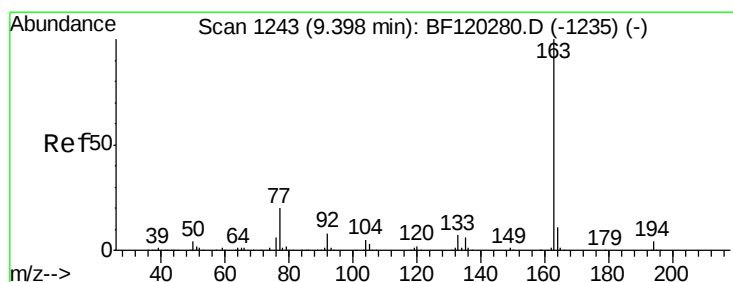
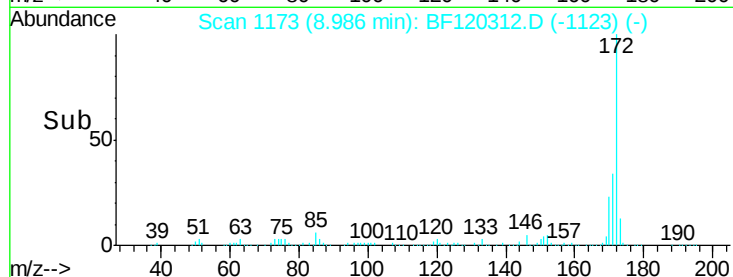
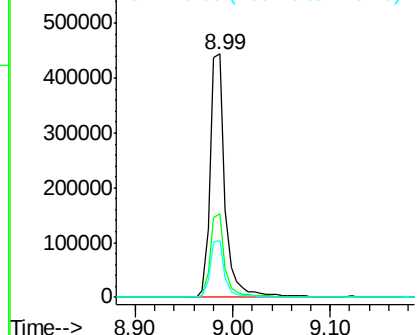


Abundance

Ion 172.00 (171.70 to 172.70): E

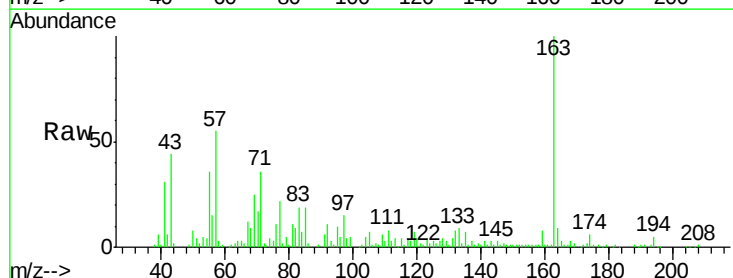
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
 Dimethylphthalate
 Concen: 2.345 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.02 min
 Lab File: BF120312.D
 Acq: 15 May 2020 1:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.1	4.7
164	9.3	8.6	12.8

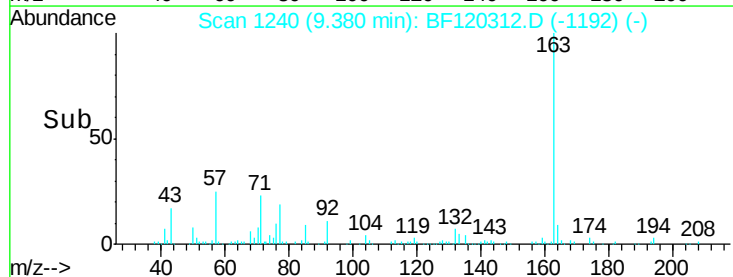
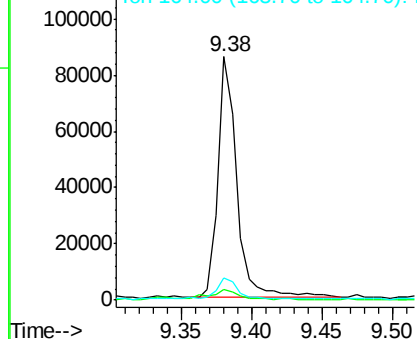


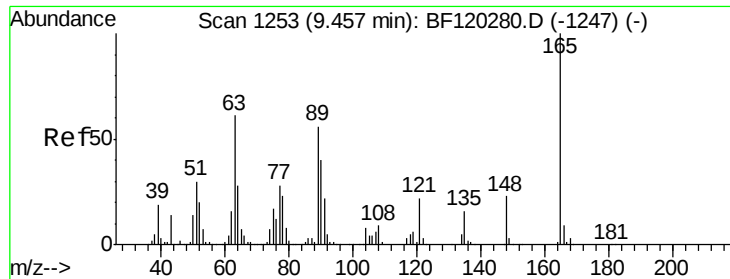
Abundance

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: 9.431 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.20 min

Lab File: BF120312.D

Acq: 15 May 2020 1:08

Instrument :

BNA_F

ClientSampleId :

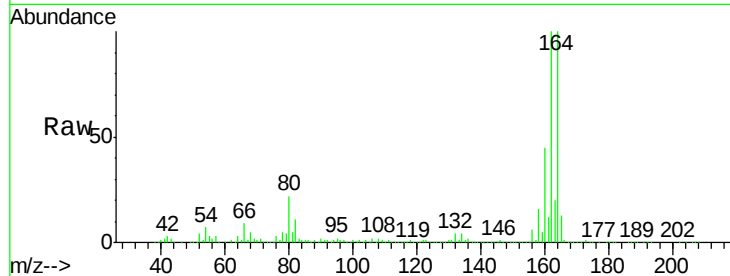
Tot Ion:165 Resp: 71544

Ion Ratio Lower Upper

165 100

63 2.2 50.2 75.2#

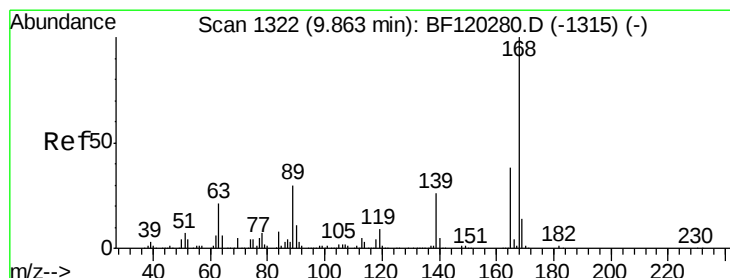
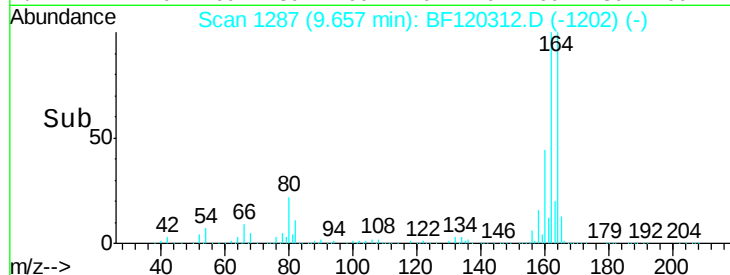
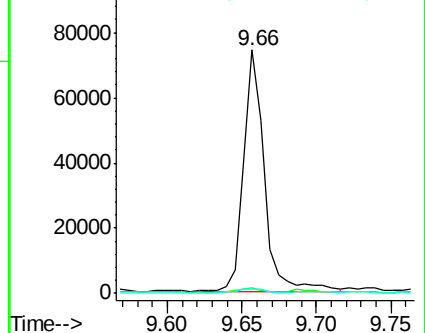
89 1.5 44.6 66.8#



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



#57

2,4-Dinitrotoluene

Concen: 7.920 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.21 min

Lab File: BF120312.D

Acq: 15 May 2020 1:08

Tgt Ion:165 Resp: 70481

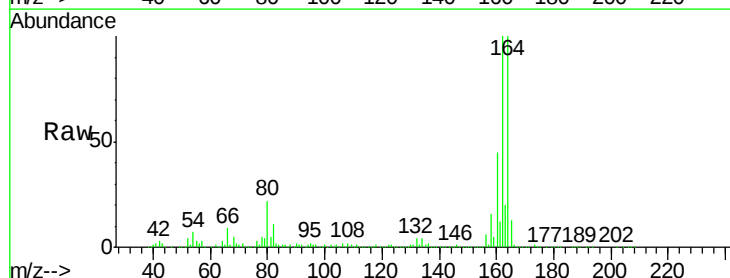
Ion Ratio Lower Upper

165 100

63 2.2 51.8 77.8#

89 1.5 64.2 96.4#

182 1.6 2.0 3.0#

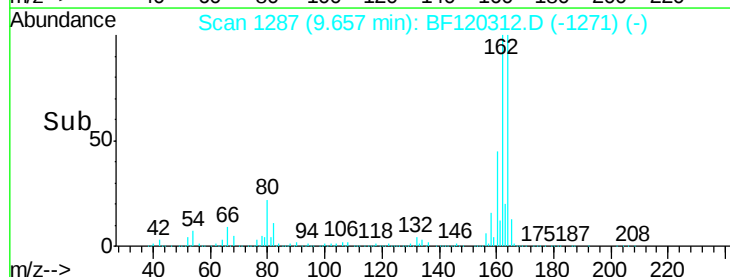
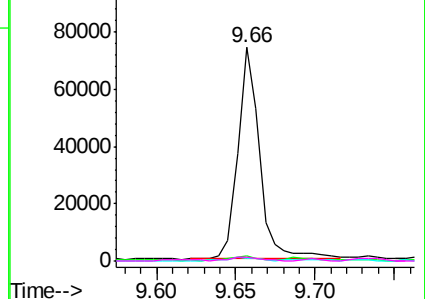


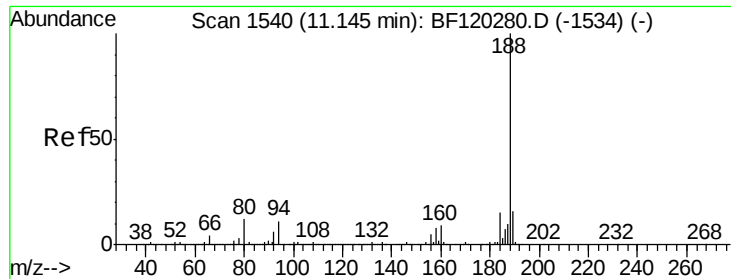
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

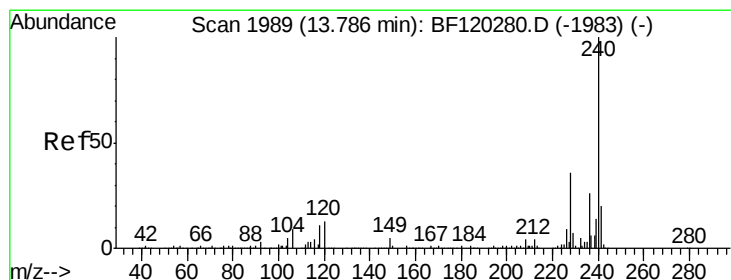
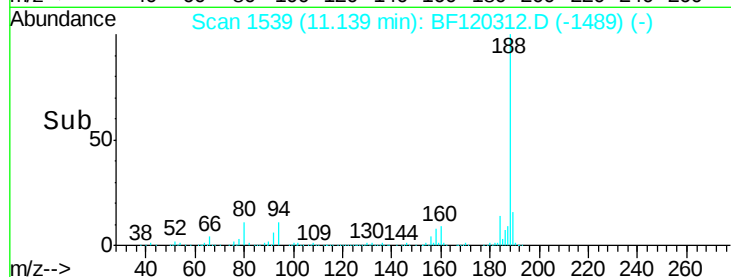
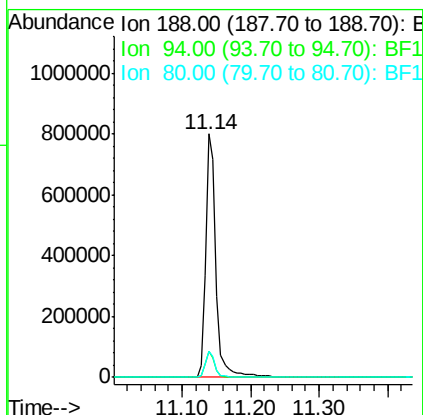
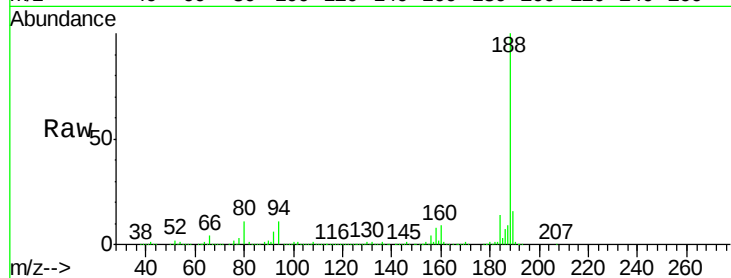




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF120312.D
Acq: 15 May 2020 1:08

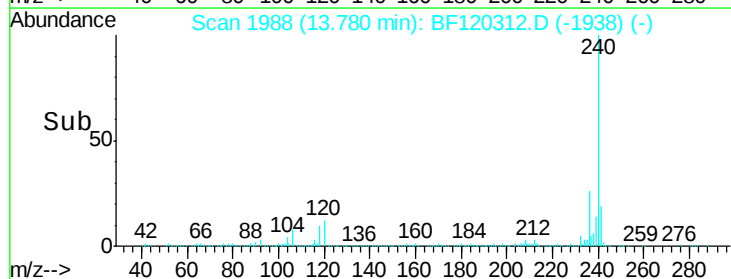
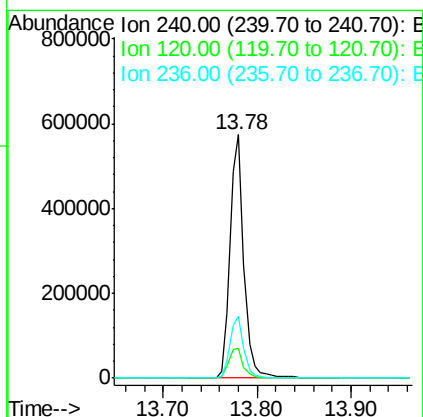
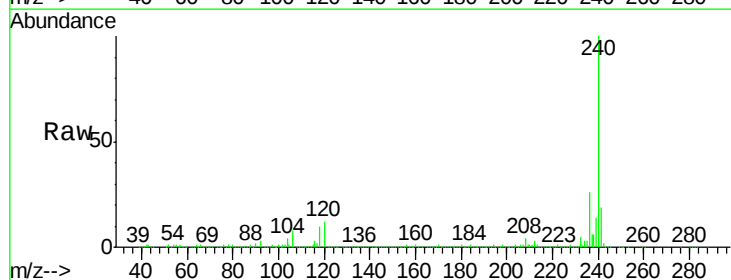
Instrument :
BNA_F
ClientSampleId :

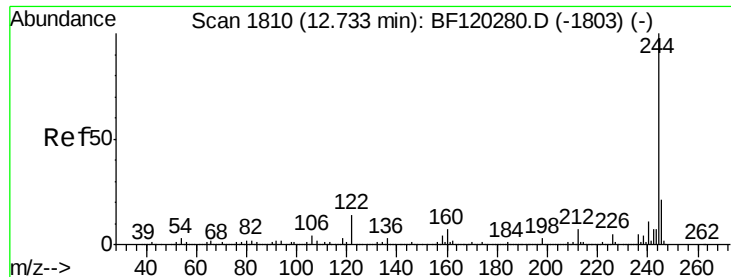
Tot Ion:188 Resp: 853167
Ion Ratio Lower Upper
188 100
94 10.8 8.6 13.0
80 10.8 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF120312.D
Acq: 15 May 2020 1:08

Tgt Ion:240 Resp: 584067
Ion Ratio Lower Upper
240 100
120 12.2 10.4 15.6
236 25.7 21.0 31.6

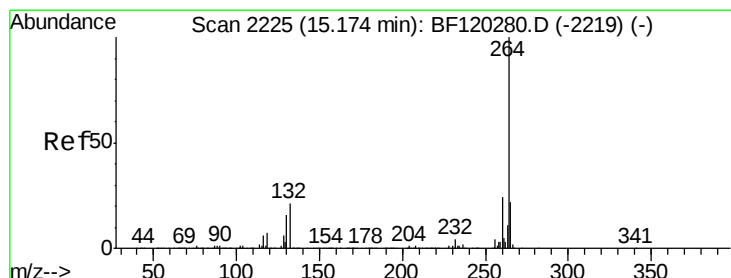
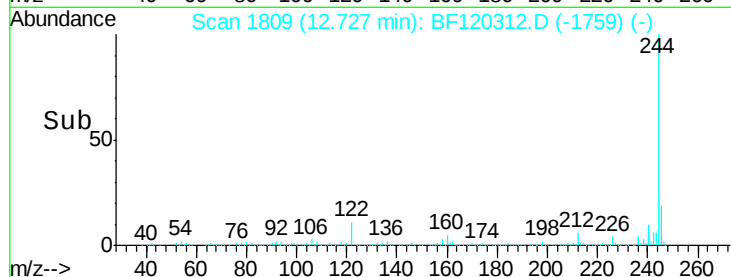
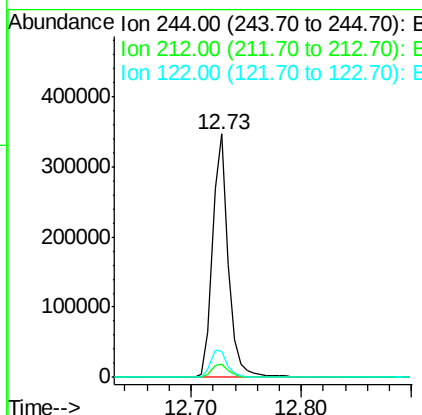
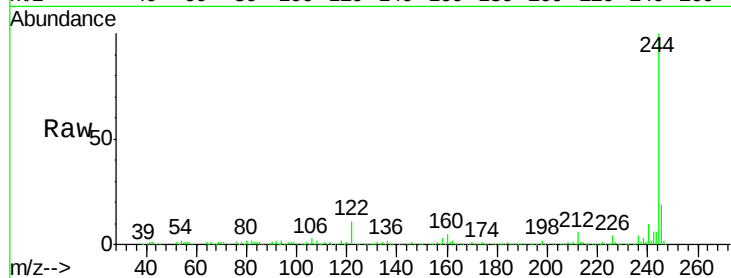




#79
 Terphenyl-d14
 Concen: 12.729 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF120312.D
 Acq: 15 May 2020 1:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 336523
 Ion Ratio Lower Upper
 244 100
 212 5.7 5.8 8.6#
 122 10.9 10.8 16.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF120312.D
 Acq: 15 May 2020 1:08

Tgt Ion:264 Resp: 611832
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.1 17.5 26.3

