

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119109.D
 Acq On : 27 Feb 2020 14:43
 Operator : CG/JU
 Sample : L1688-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-04-022420

Quant Time: Feb 28 03:45:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

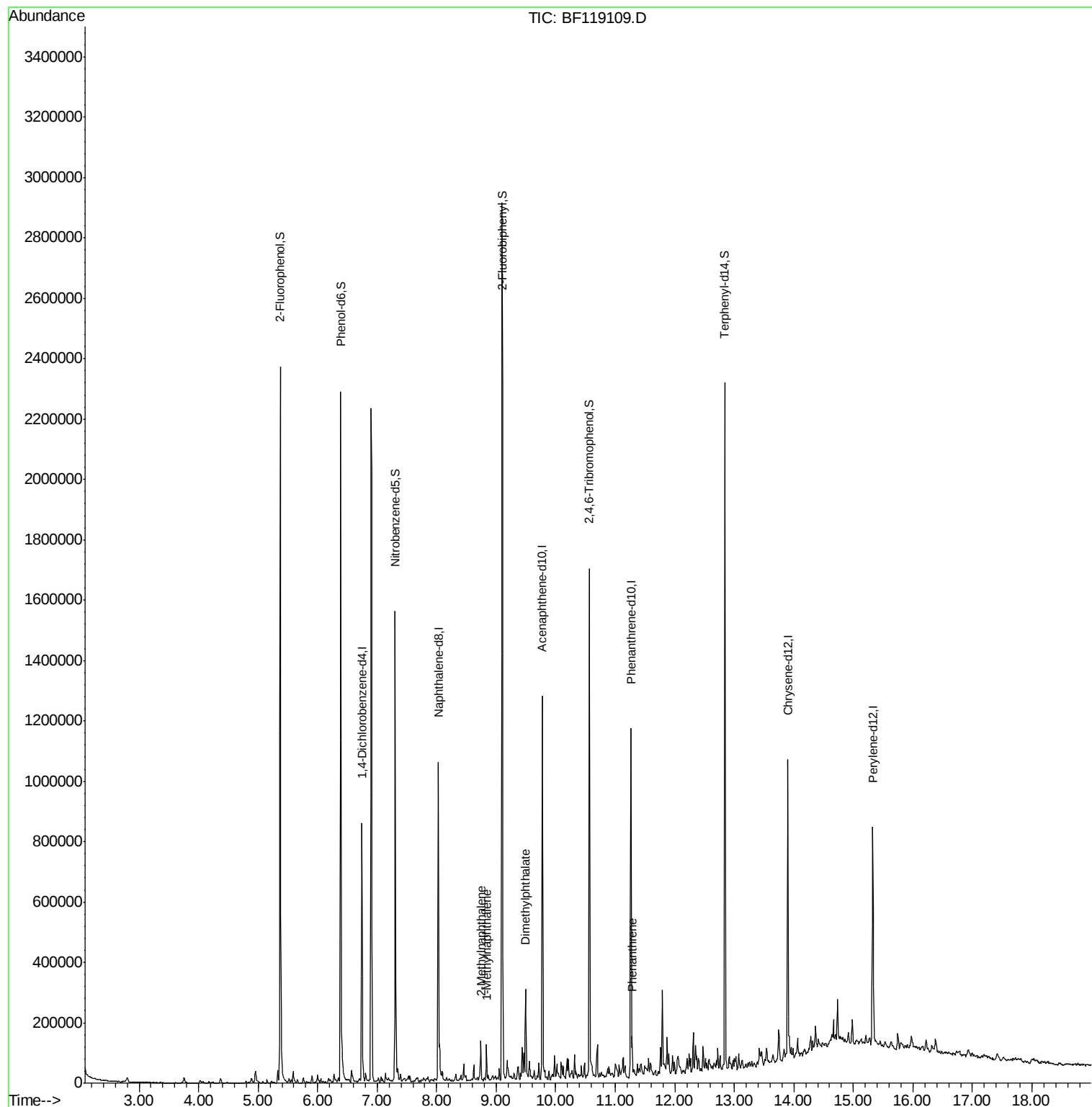
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	130955	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	511860	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	263693	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	456309	20.00	ng	0.00
76) Chrysene-d12	13.90	240	339120	20.00	ng	0.00
87) Perylene-d12	15.33	264	343532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	716534	91.44	ng	0.00
7) Phenol-d6	6.39	99	874605	91.77	ng	-0.02
23) Nitrobenzene-d5	7.30	82	586967	60.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	224069	64.96	ng	-0.01
45) 2-Fluorobiphenyl	9.10	172	940361	52.54	ng	-0.01
79) Terphenyl-d14	12.84	244	818138	41.54	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.74	142	36753	2.057	ng	97
38) 1-Methylnaphthalene	8.83	142	35559	2.117	ng	99
50) Dimethylphthalate	9.49	163	113395	5.624	ng	99
71) Phenanthrene	11.29	178	50608	2.034	ng	96

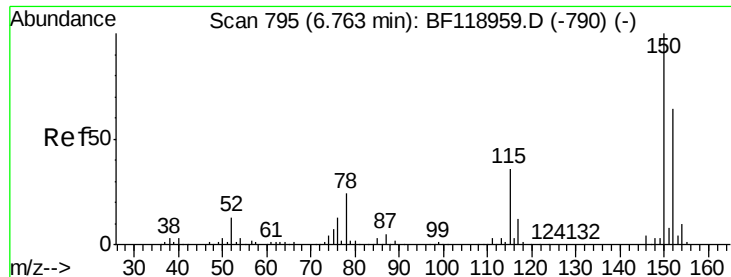
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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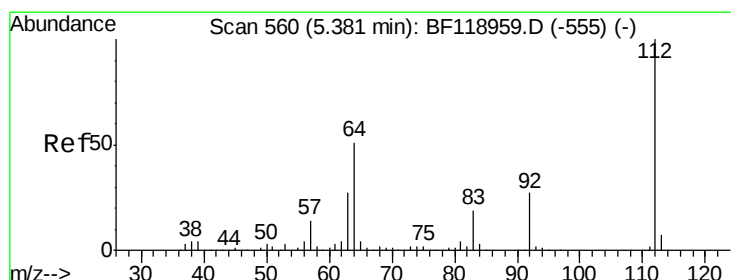
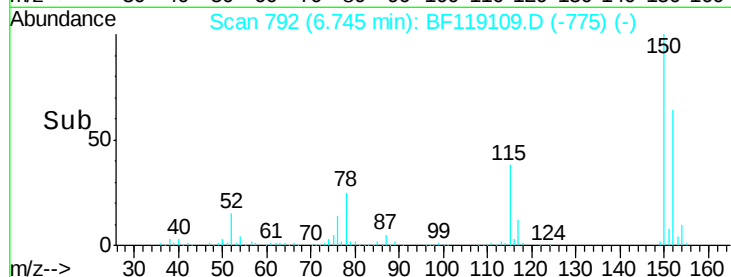
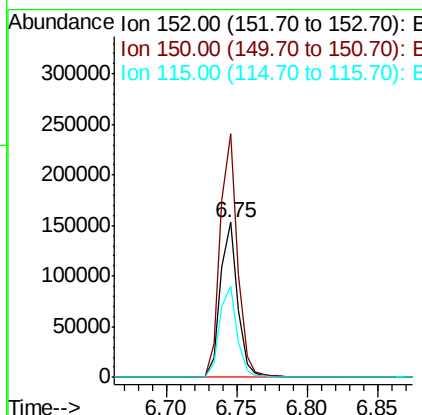
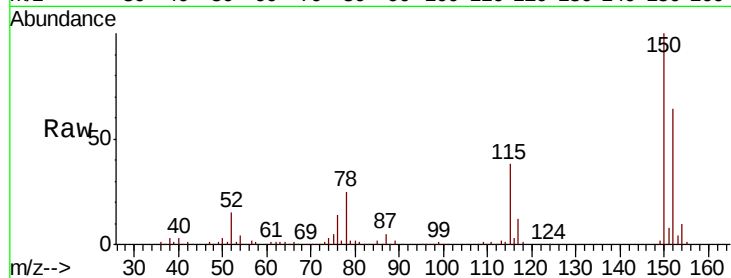


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF119109.D
Acq: 27 Feb 2020 14:43

Instrument :
BNA_F
ClientSampleId :
GP-04-022420

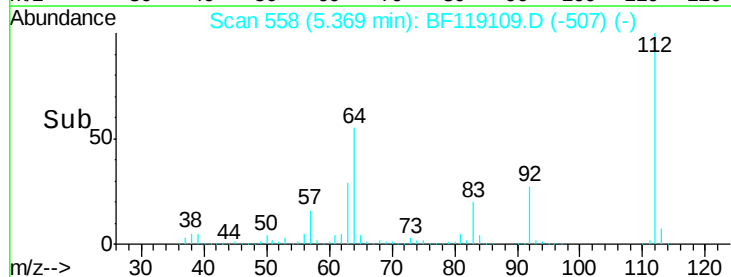
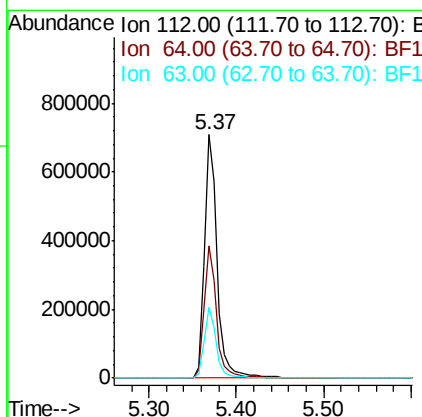
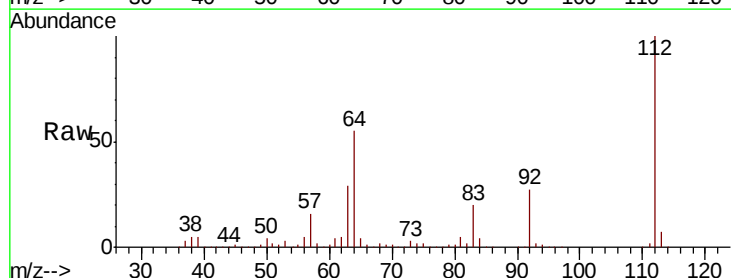
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.0	184.6
115	59.2	49.5	74.3

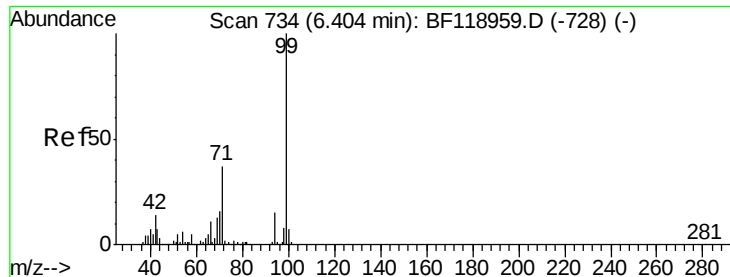


#5

2-Fluorophenol
Concen: 91.440 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF119109.D
Acq: 27 Feb 2020 14:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	45.0	67.4
63	29.3	24.2	36.4





#7

Phenol-d6

Concen: 91.773 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119109.D

Acq: 27 Feb 2020 14:43

Instrument :

BNA_F

ClientSampled :

GP-04-022420

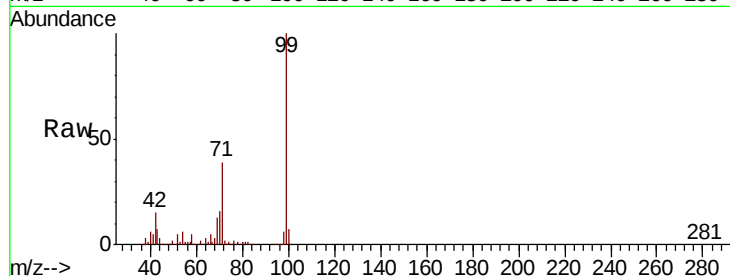
Tot Ion: 99 Resp: 874605

Ion Ratio Lower Upper

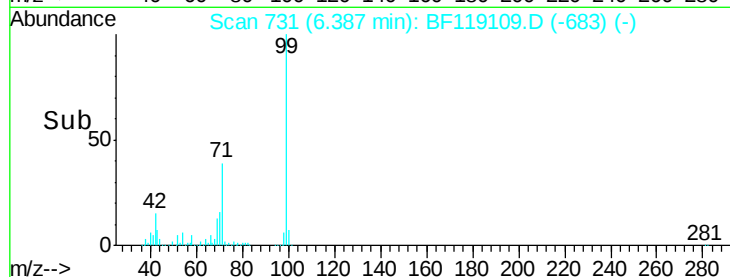
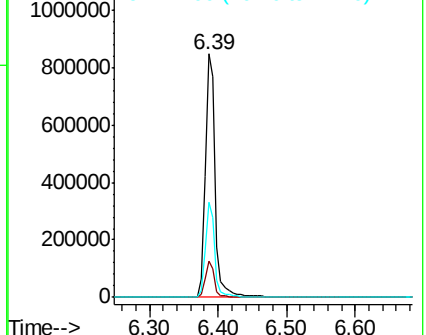
99 100

42 14.9 12.6 18.8

71 39.1 31.0 46.4



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: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF119109.D

Acq: 27 Feb 2020 14:43

Tgt Ion: 136 Resp: 511860

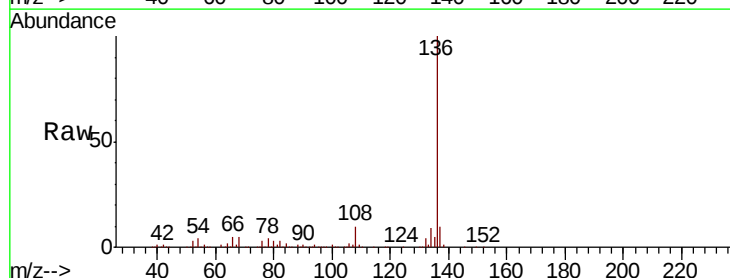
Ion Ratio Lower Upper

136 100

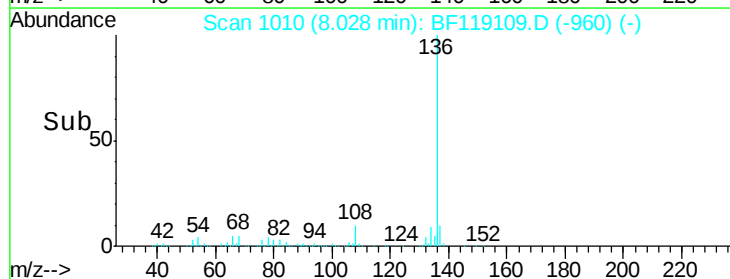
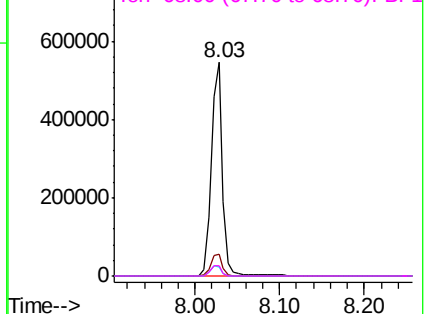
137 10.5 8.8 13.2

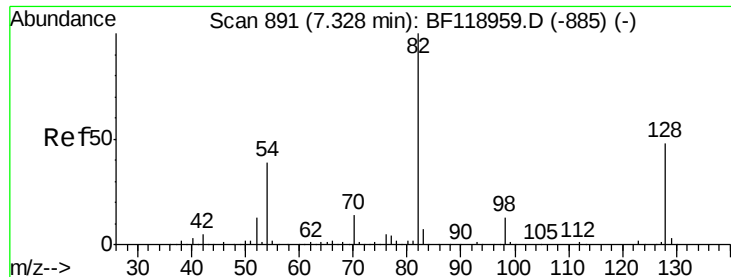
54 4.5 3.8 5.6

68 4.9 3.9 5.9



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

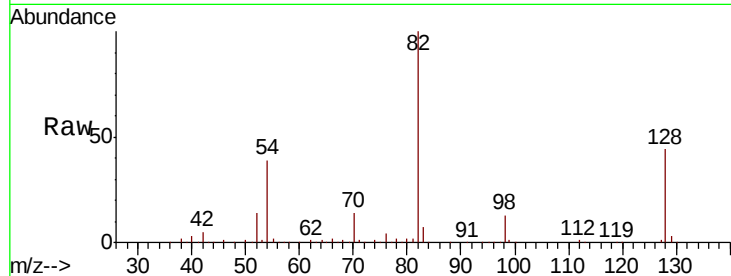




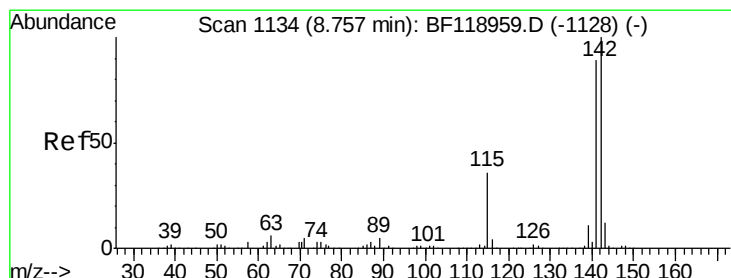
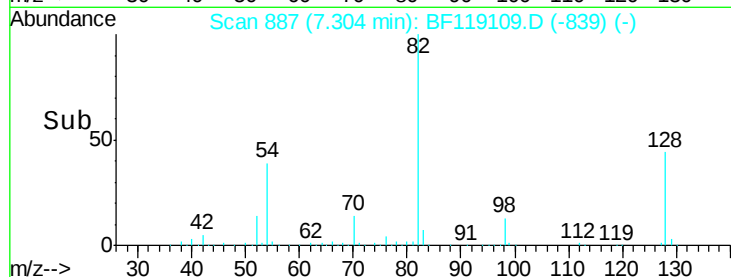
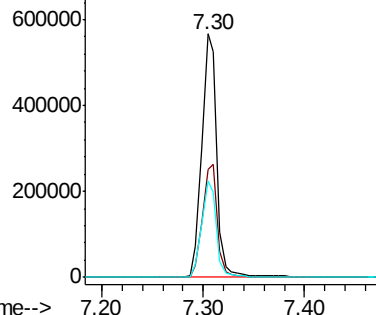
#23
 Nitrobenzene-d5
 Concen: 60.548 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF119109.D
 Acq: 27 Feb 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 GP-04-022420

Tot Ion: 82 Resp: 586967
 Ion Ratio Lower Upper
 82 100
 128 44.3 37.9 56.9
 54 39.4 33.4 50.2

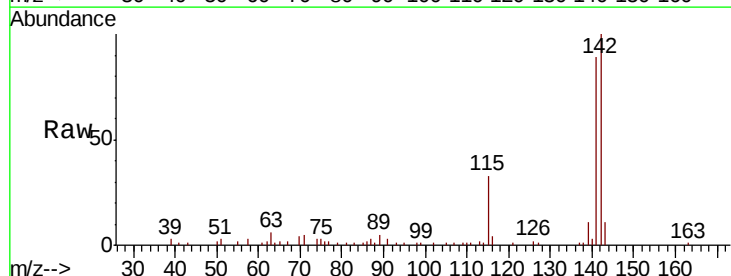


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

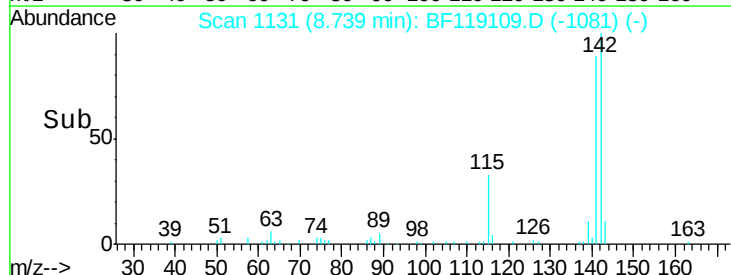
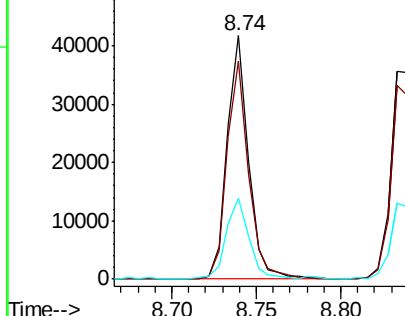


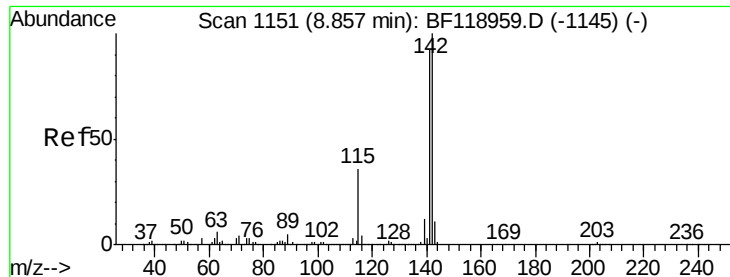
#37
 2-Methylnaphthalene
 Concen: 2.057 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF119109.D
 Acq: 27 Feb 2020 14:43

Tgt Ion: 142 Resp: 36753
 Ion Ratio Lower Upper
 142 100
 141 89.5 72.3 108.5
 115 33.4 30.6 45.8



Abundance Ion 142.00 (141.70 to 142.70): BF1
 Ion 141.00 (140.70 to 141.70): BF1
 Ion 115.00 (114.70 to 115.70): BF1

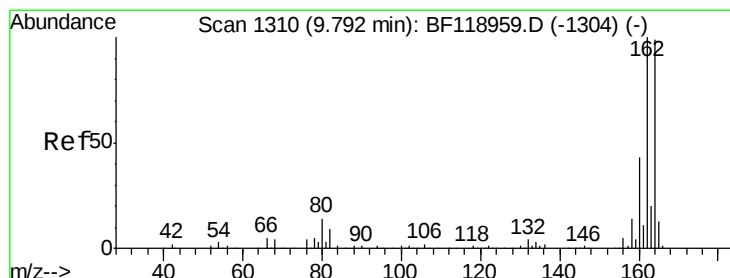
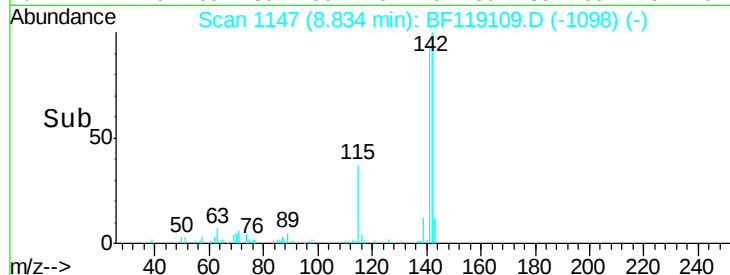
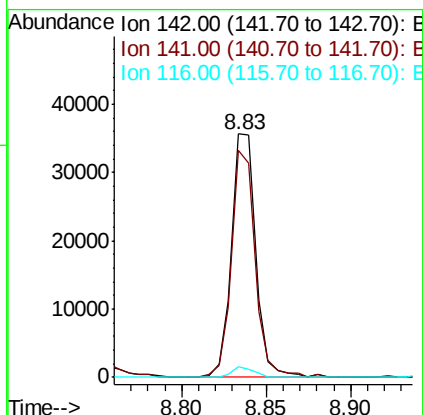
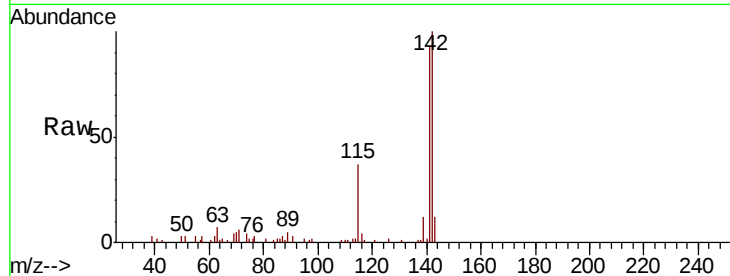




#38
1-Methylnaphthalene
Concen: 2.117 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119109.D
Acq: 27 Feb 2020 14:43

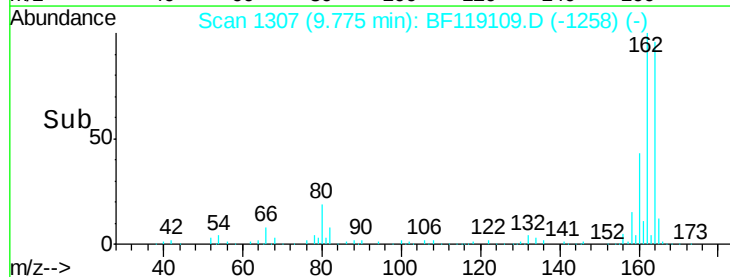
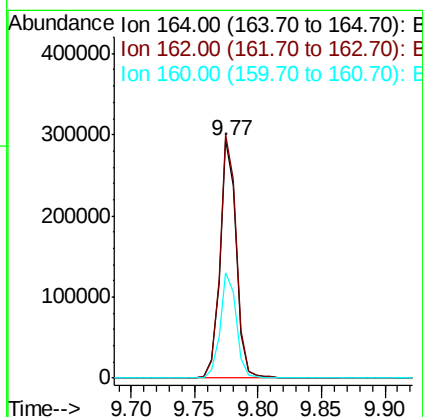
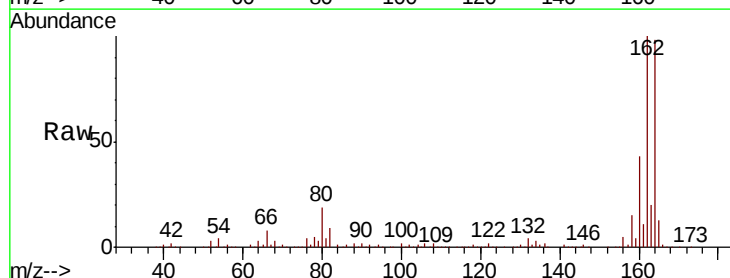
Instrument :
BNA_F
ClientSampleId :
GP-04-022420

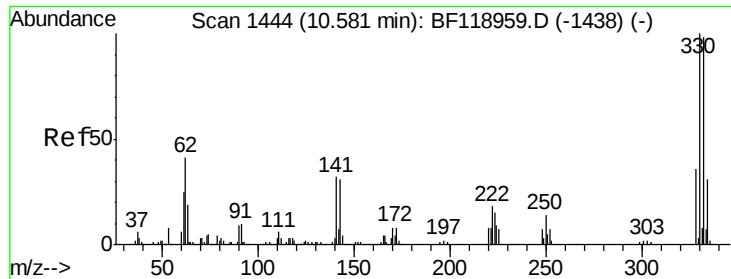
Tot Ion:142 Resp: 35559
Ion Ratio Lower Upper
142 100
141 93.4 75.8 113.6
116 4.2 3.1 4.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119109.D
Acq: 27 Feb 2020 14:43

Tgt Ion:164 Resp: 263693
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.8
160 44.1 36.0 54.0

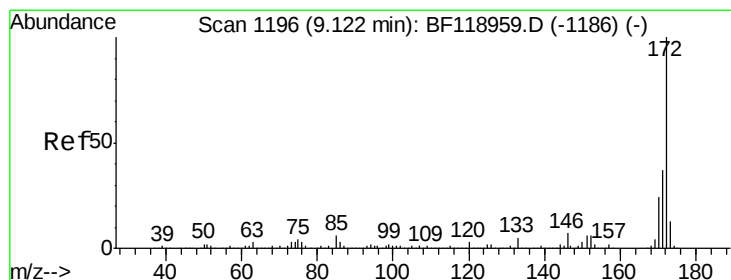
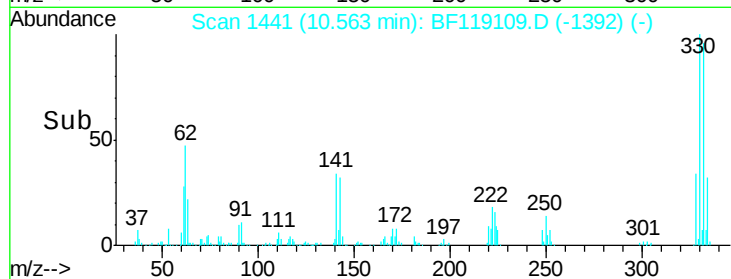
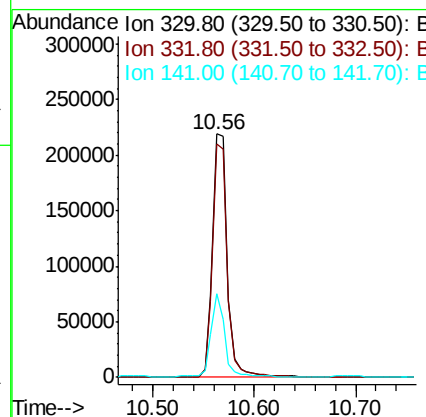
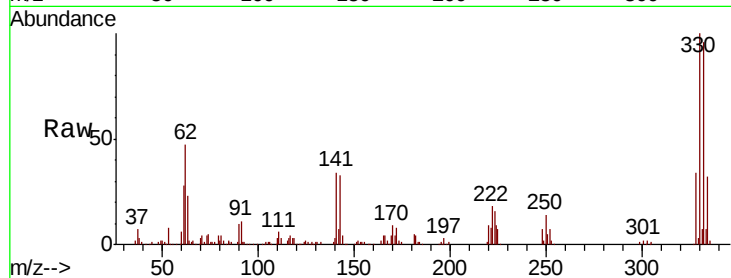




#42
 2,4,6-Tribromophenol
 Concen: 64.956 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119109.D
 Acq: 27 Feb 2020 14:43

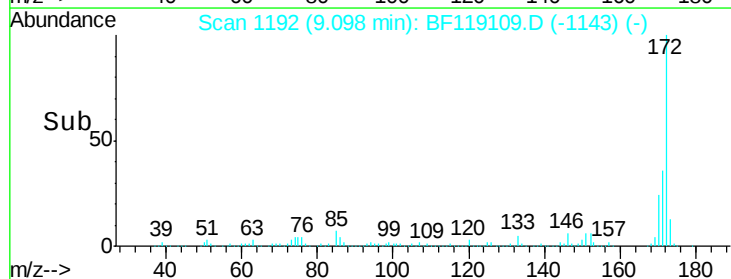
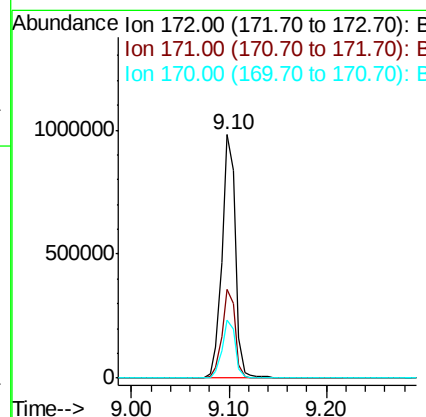
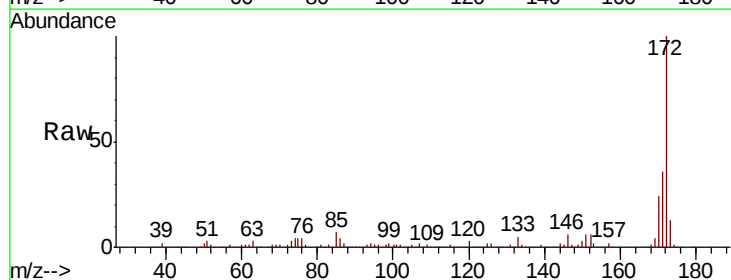
Instrument :
 BNA_F
 ClientSampleId :
 GP-04-022420

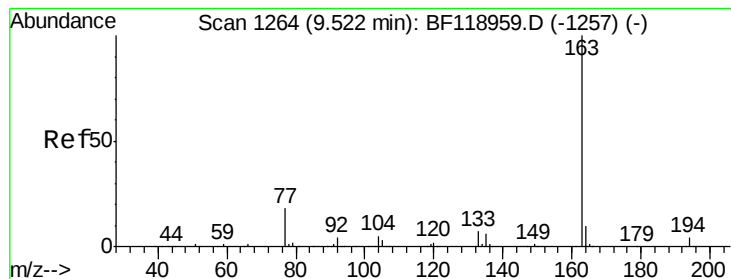
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.0	114.0
141	32.0	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 52.535 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119109.D
 Acq: 27 Feb 2020 14:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	45.8
170	23.8	20.2	30.2





#50

Dimethylphthalate

Concen: 5.624 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119109.D

Acq: 27 Feb 2020 14:43

Instrument :

BNA_F

ClientSampleId :

GP-04-022420

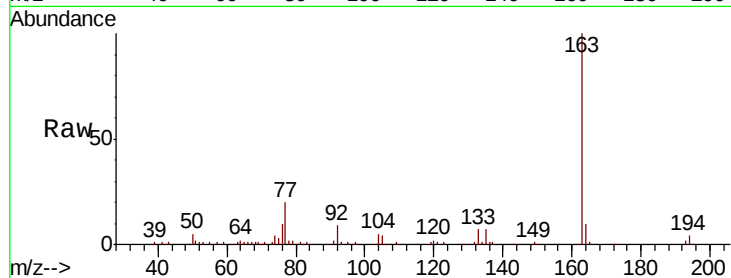
Tot Ion:163 Resp: 113395

Ion Ratio Lower Upper

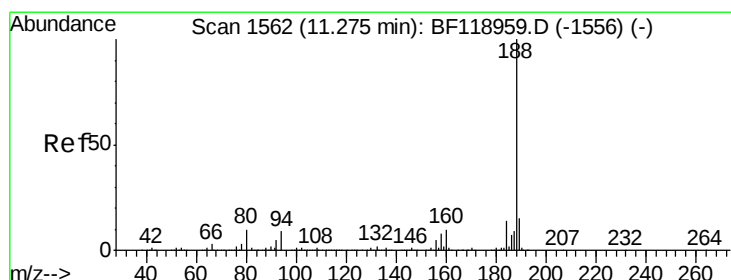
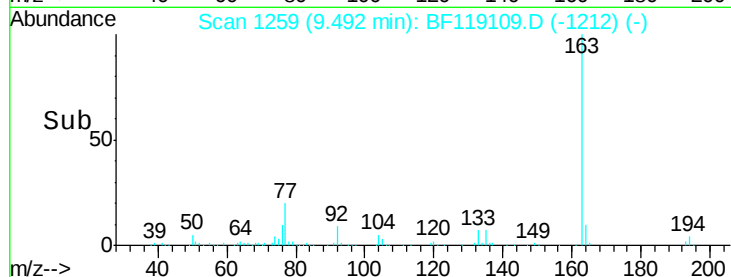
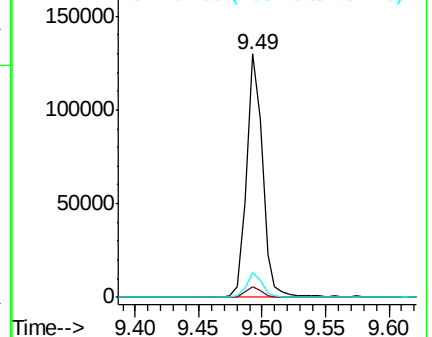
163 100

194 4.2 3.5 5.3

164 10.0 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF119109.D

Acq: 27 Feb 2020 14:43

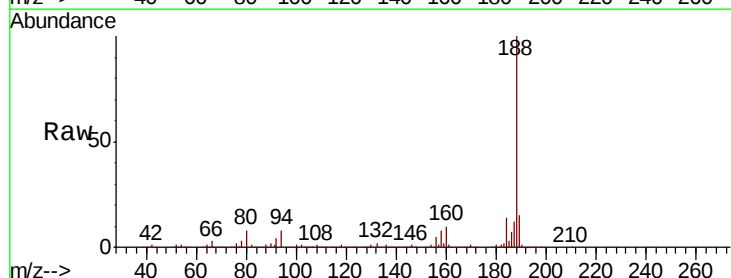
Tgt Ion:188 Resp: 456309

Ion Ratio Lower Upper

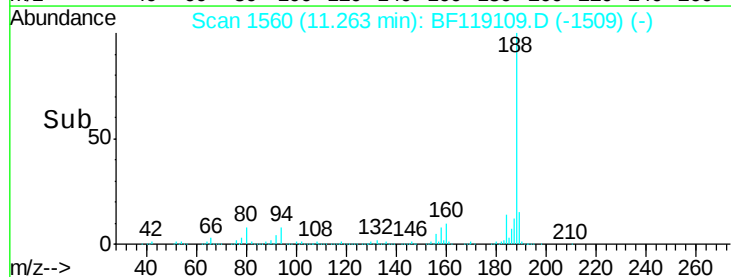
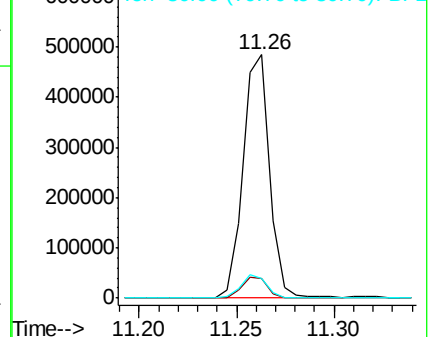
188 100

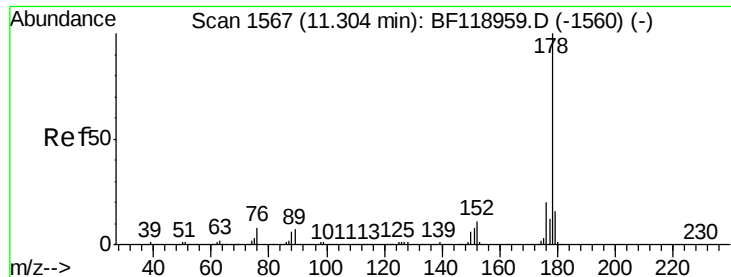
94 8.0 7.1 10.7

80 8.2 7.8 11.8



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

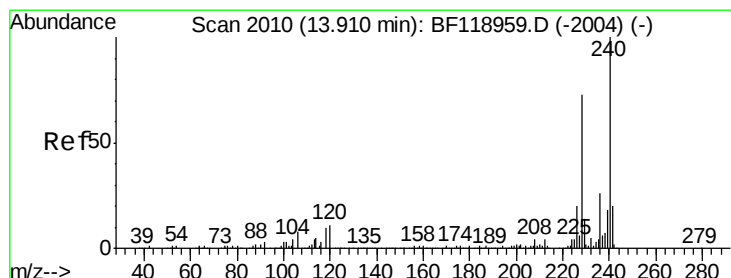
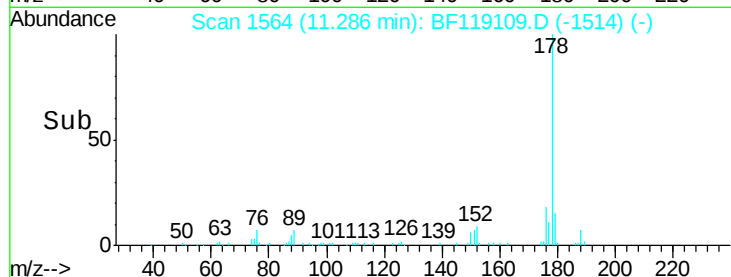
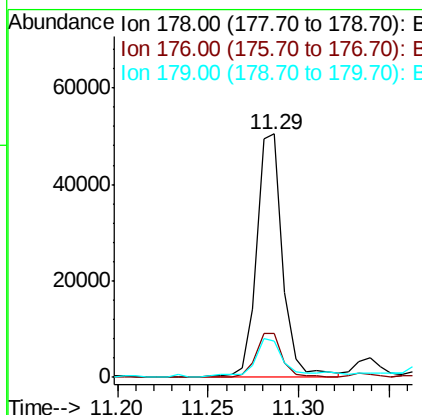
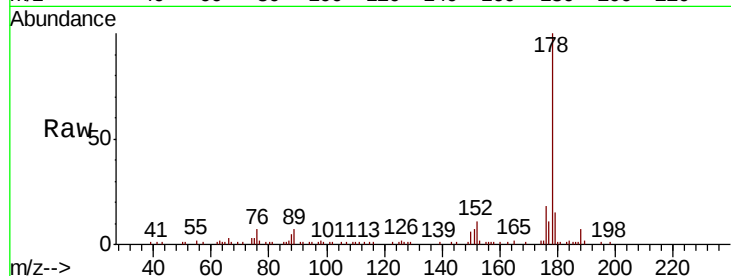




#71
Phenanthrene
Concen: 2.034 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF119109.D
Acq: 27 Feb 2020 14:43

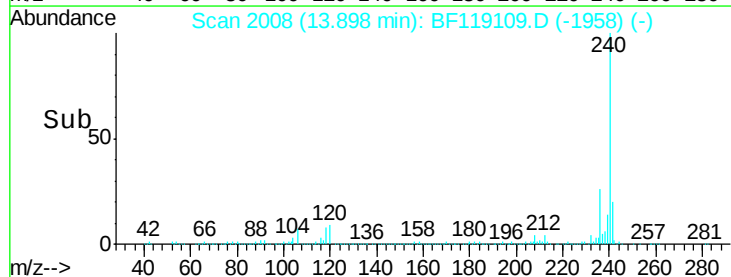
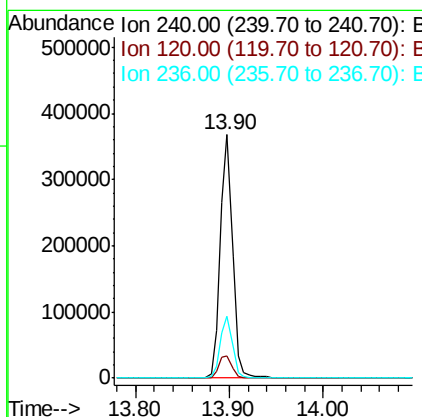
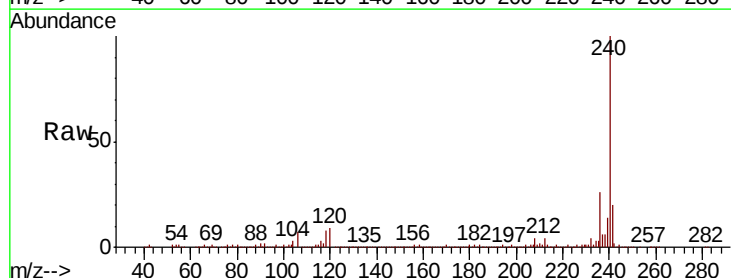
Instrument :
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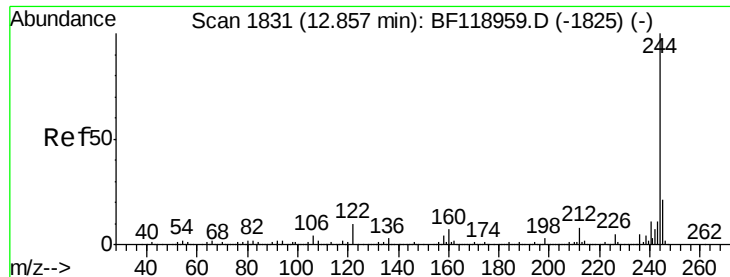
Tot Ion:178 Resp: 50608
Ion Ratio Lower Upper
178 100
176 18.2 16.5 24.7
179 15.0 13.0 19.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119109.D
Acq: 27 Feb 2020 14:43

Tgt Ion:240 Resp: 339120
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 25.6 21.0 31.4

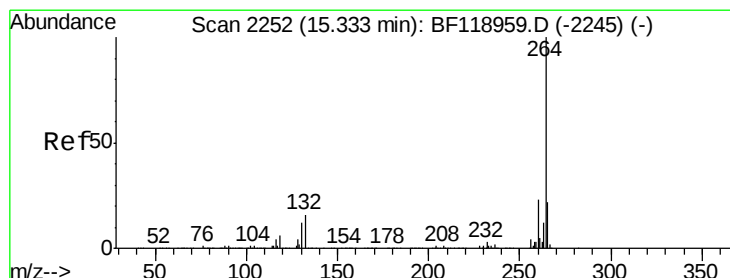
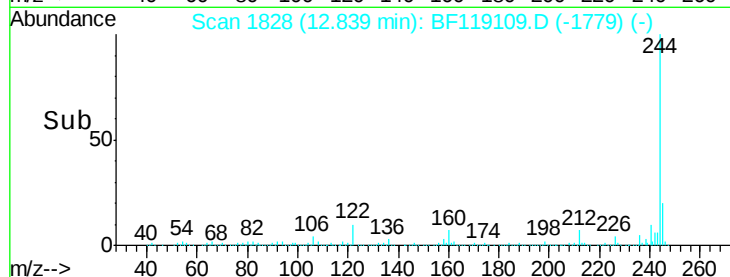
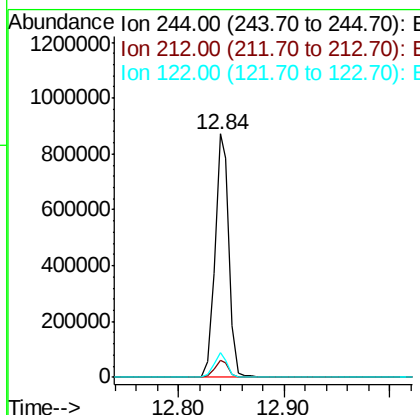
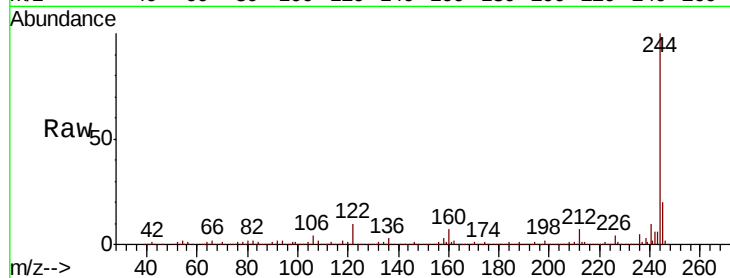




#79
 Terphenyl-d14
 Concen: 41.536 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119109.D
 Acq: 27 Feb 2020 14:43

Instrument :
 BNA_F
 ClientSampleId :
 GP-04-022420

Tot Ion:244 Resp: 818138
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.6 10.0
 122 10.3 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF119109.D
 Acq: 27 Feb 2020 14:43

Tgt Ion:264 Resp: 343532
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 22.1 17.7 26.5

