

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119919.D
 Acq On : 13 Apr 2020 16:35
 Operator : MA/SJ
 Sample : L2222-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Apr 13 18:24:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

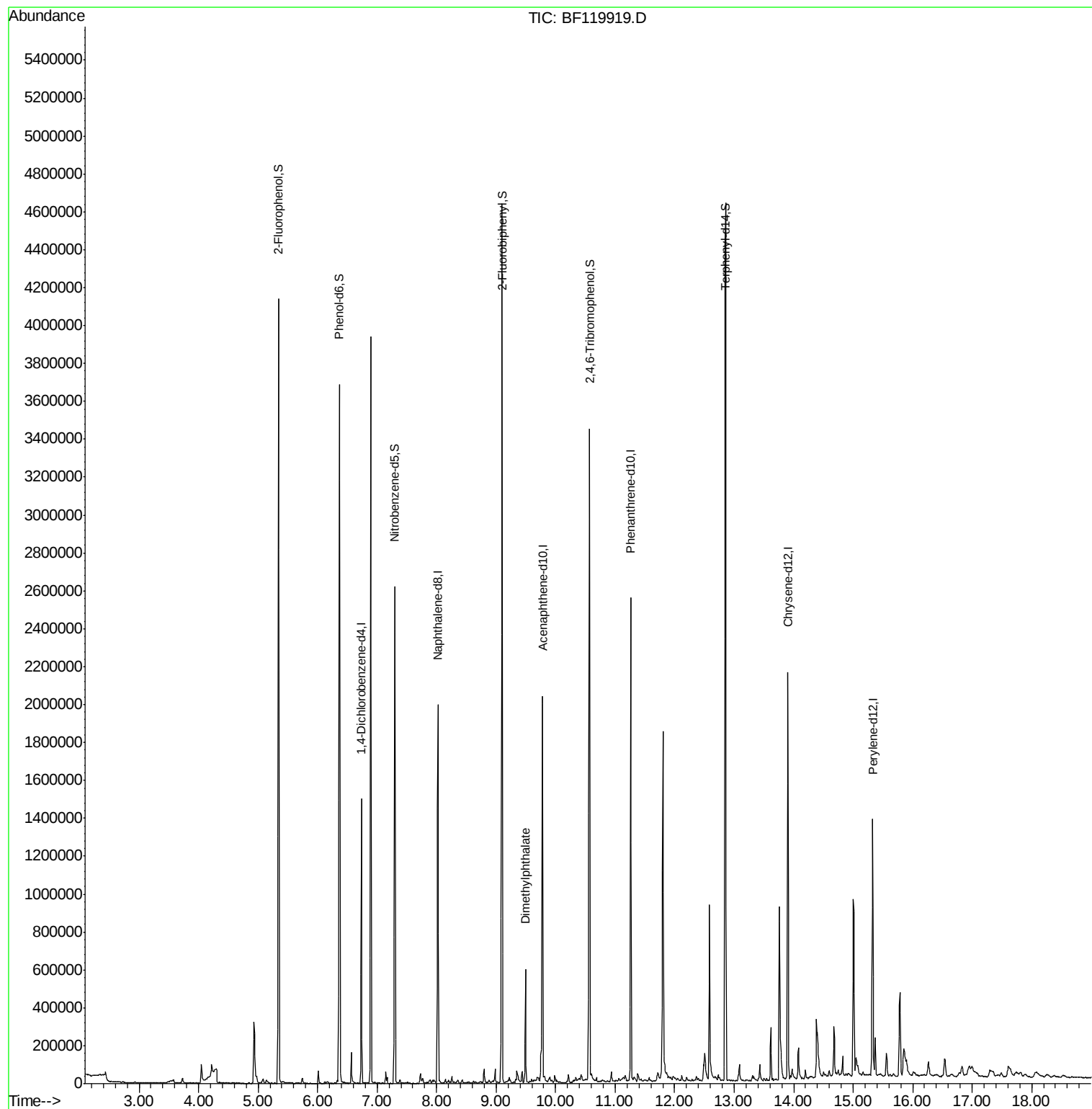
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	217658	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	854296	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	447941	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	866470	20.00	ng	0.00
76) Chrysene-d12	13.90	240	687138	20.00	ng	0.00
87) Perylene-d12	15.33	264	626684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1117110	88.70	ng	0.00
7) Phenol-d6	6.37	99	1455193	89.67	ng	-0.01
23) Nitrobenzene-d5	7.30	82	897239	54.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	435695	79.44	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1608130	50.97	ng	0.00
79) Terphenyl-d14	12.86	244	1787048	43.76	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	242180	6.990	ng	Qvalue # 98

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

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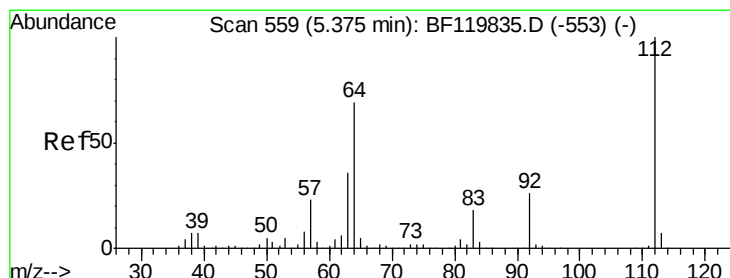
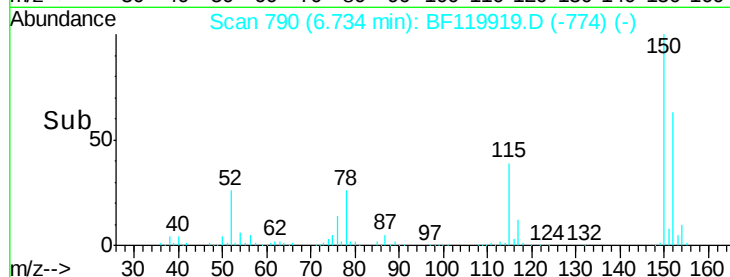
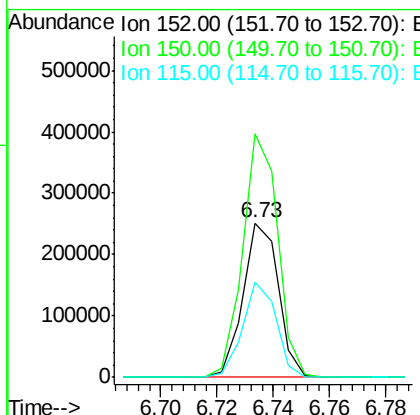
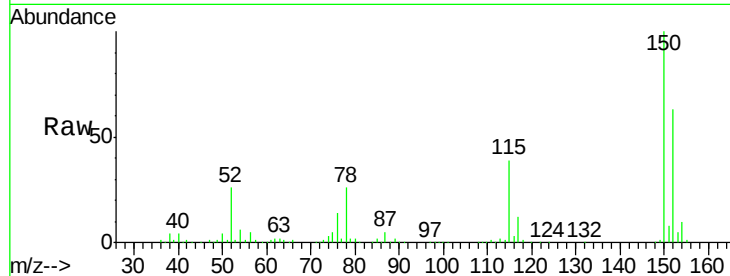




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119919.D
 Acq: 13 Apr 2020 16:35

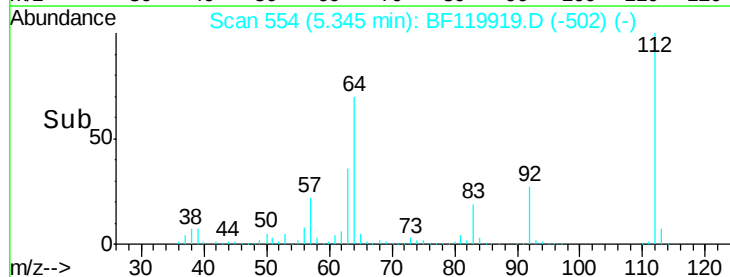
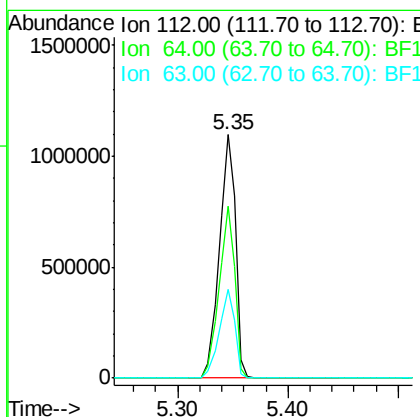
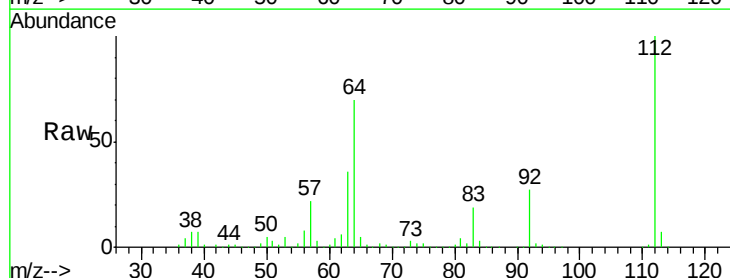
Instrument :
 BNA_F
 ClientSampleId :
 S-1

Tot Ion:152 Resp: 217658
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.8 187.2
 115 61.6 46.5 69.7



#5
 2-Fluorophenol
 Concen: 88.697 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF119919.D
 Acq: 13 Apr 2020 16:35

Tgt Ion:112 Resp: 1117110
 Ion Ratio Lower Upper
 112 100
 64 70.4 55.5 83.3
 63 36.3 29.1 43.7





#7

Phenol-d6

Concen: 89.667 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119919.D

Acq: 13 Apr 2020 16:35

Instrument :

BNA_F

ClientSampleId :

S-1

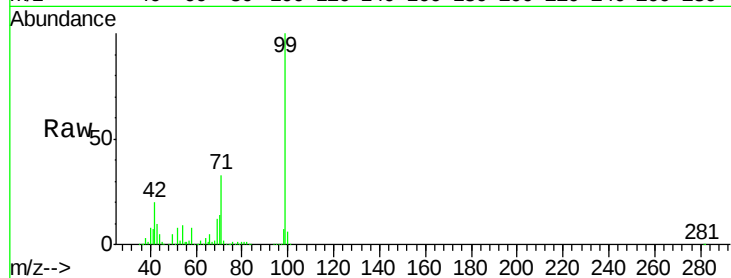
Tot Ion: 99 Resp: 1455193

Ion Ratio Lower Upper

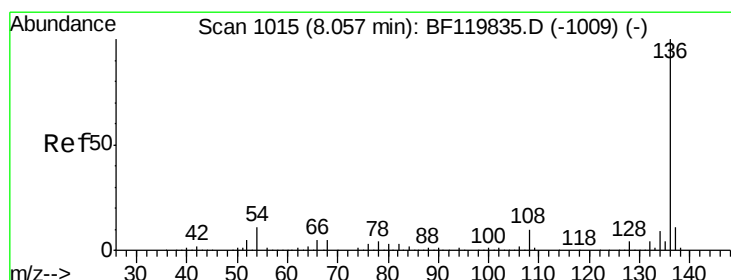
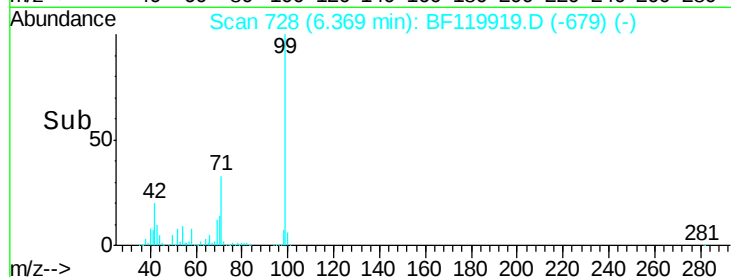
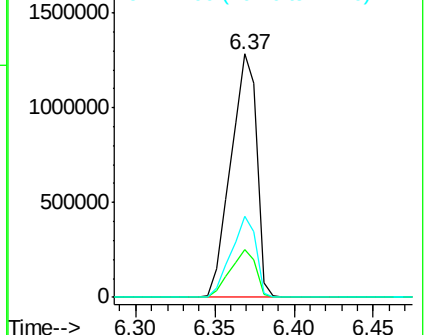
99 100

42 19.8 16.9 25.3

71 33.0 26.3 39.5



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: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119919.D

Acq: 13 Apr 2020 16:35

Tgt Ion: 136 Resp: 854296

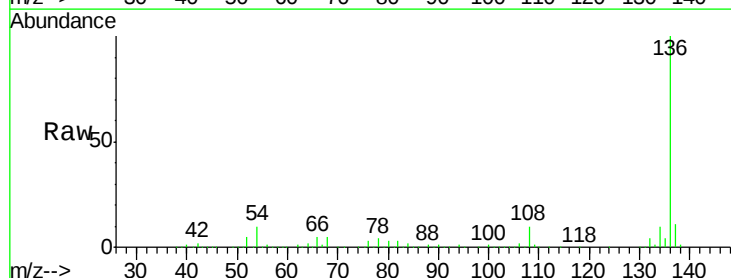
Ion Ratio Lower Upper

136 100

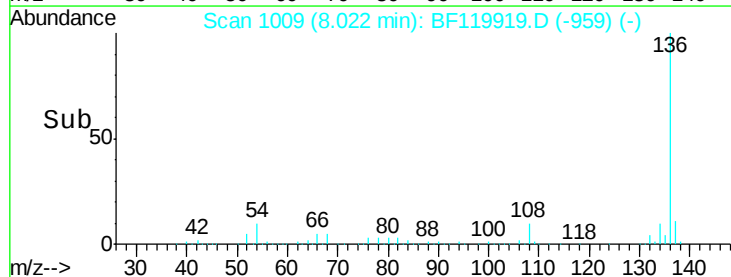
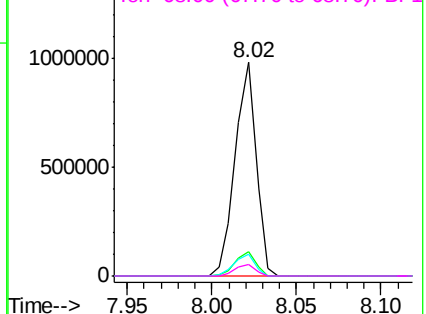
137 11.1 8.7 13.1

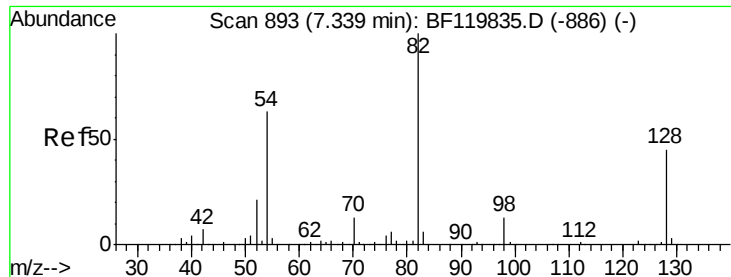
54 10.0 8.5 12.7

68 5.2 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

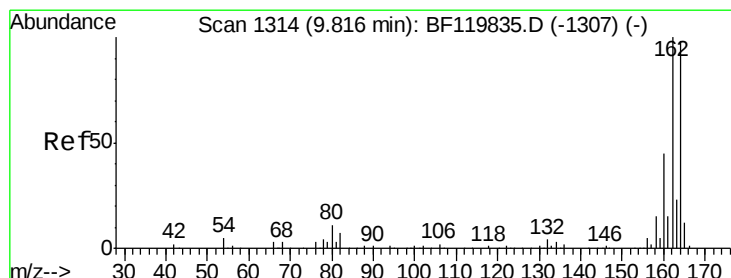
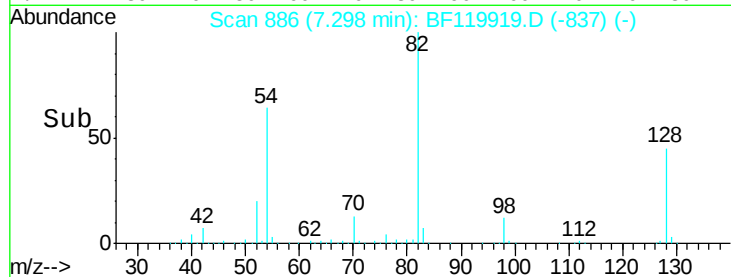
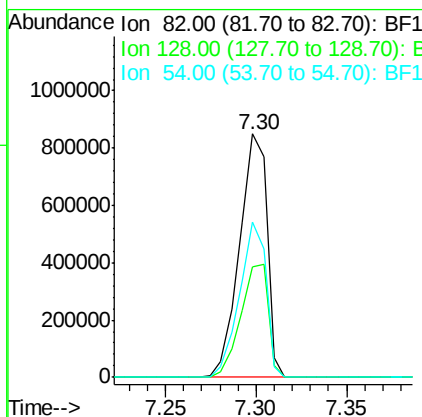
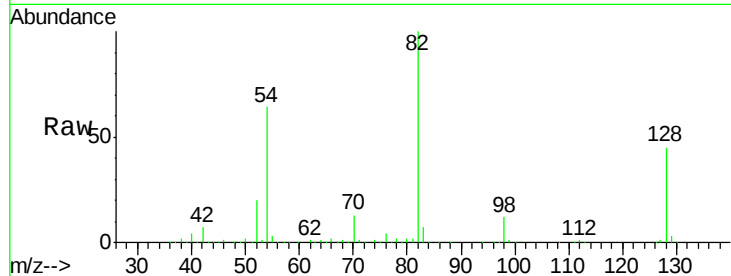




#23
 Nitrobenzene-d5
 Concen: 54.334 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF119919.D
 Acq: 13 Apr 2020 16:35

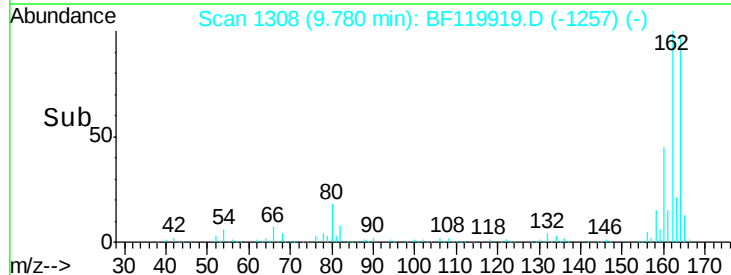
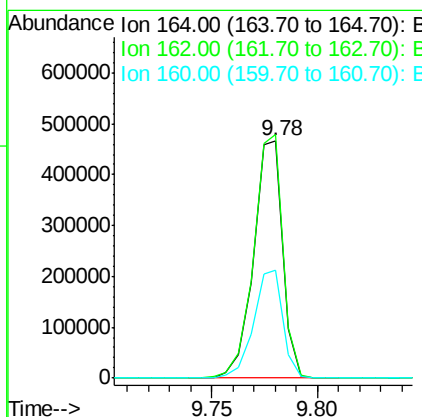
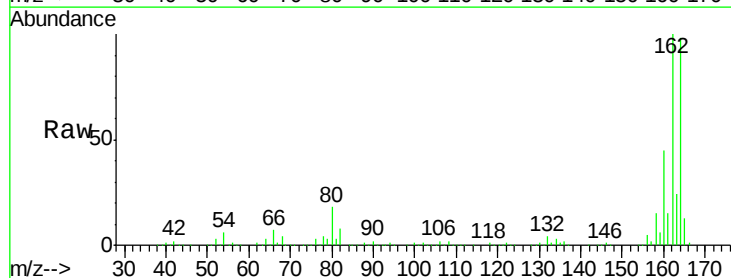
Instrument :
 BNA_F
 ClientSampleId :
 S-1

Tot Ion: 82 Resp: 897239
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.2 54.4
 54 63.8 50.4 75.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BF119919.D
 Acq: 13 Apr 2020 16:35

Tgt Ion: 164 Resp: 447941
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.9 122.9
 160 45.7 36.6 54.8

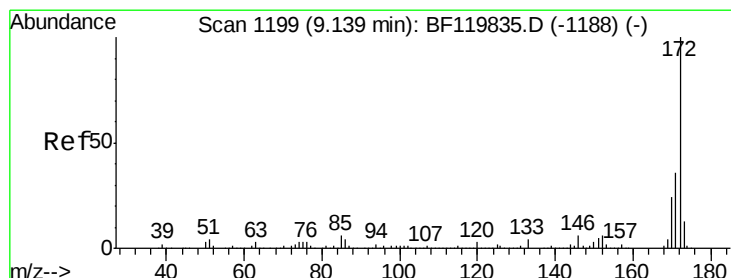
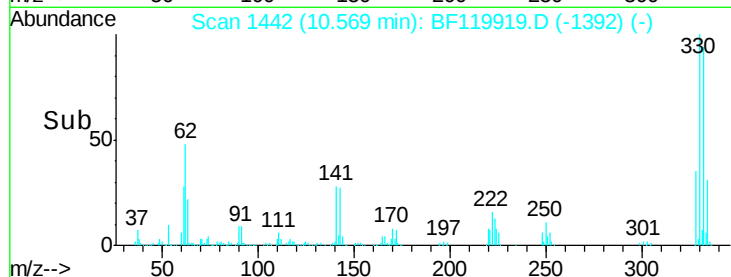
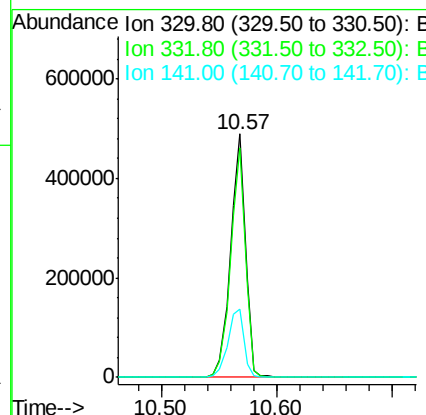
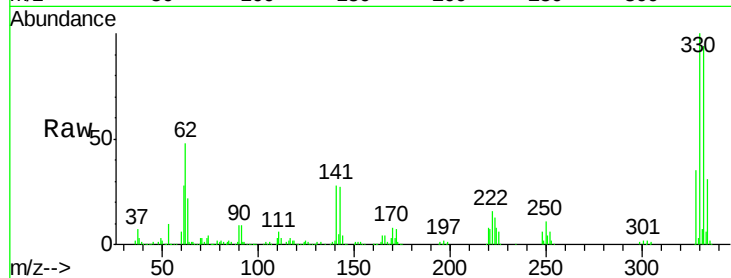




#42
 2,4,6-Tribromophenol
 Concen: 79.444 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119919.D
 Acq: 13 Apr 2020 16:35

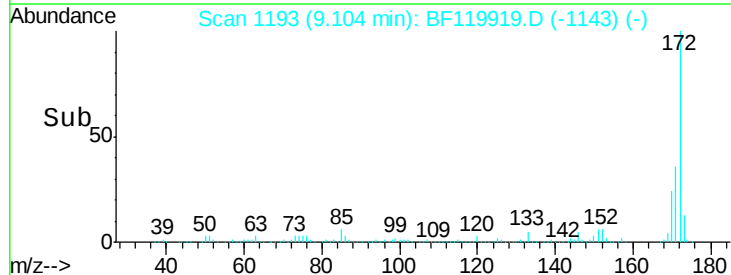
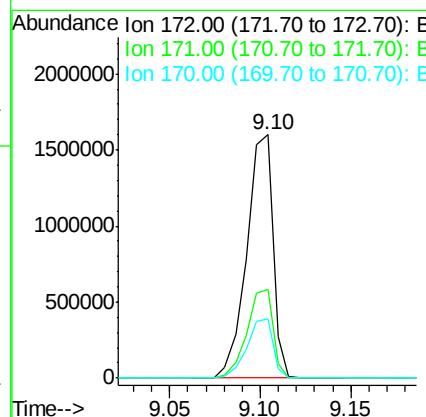
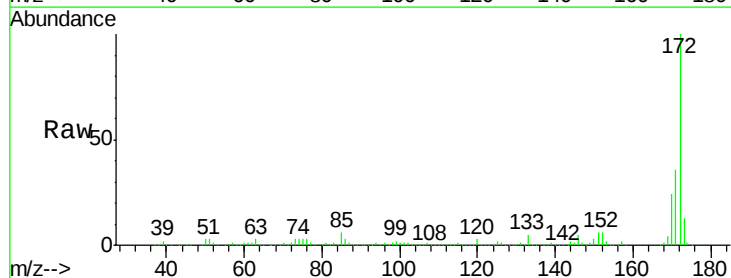
Instrument :
 BNA_F
 ClientSampleId :
 S-1

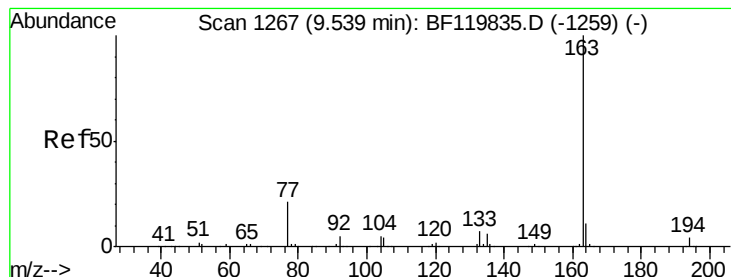
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.8	115.2
141	30.8	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 50.971 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119919.D
 Acq: 13 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	24.1	19.4	29.2





#50

Dimethylphthalate

Concen: 6.990 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF119919.D

Acq: 13 Apr 2020 16:35

Instrument :

BNA_F

ClientSampleId :

S-1

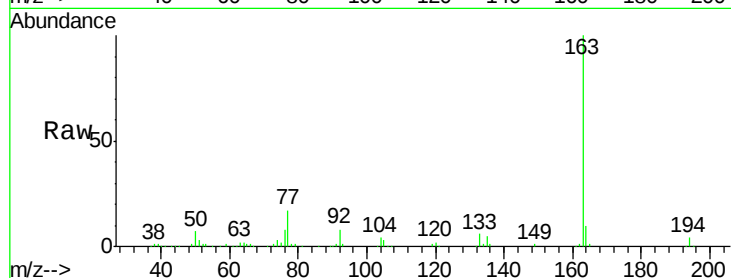
Tot Ion:163 Resp: 242180

Ion Ratio Lower Upper

163 100

194 4.5 3.0 4.4#

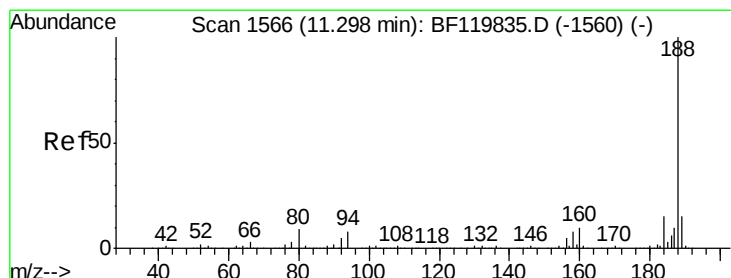
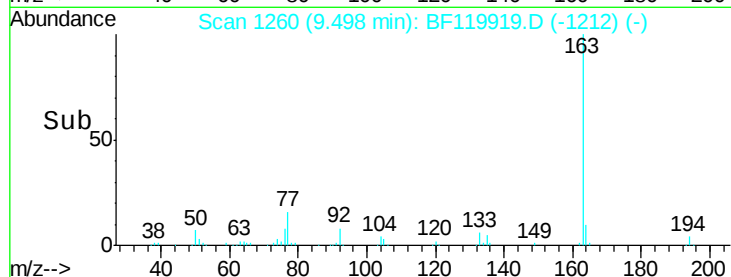
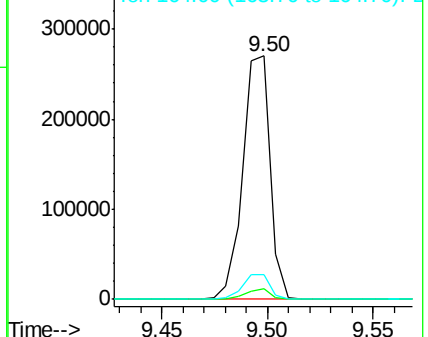
164 10.0 8.4 12.6



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. -0.01 min

Lab File: BF119919.D

Acq: 13 Apr 2020 16:35

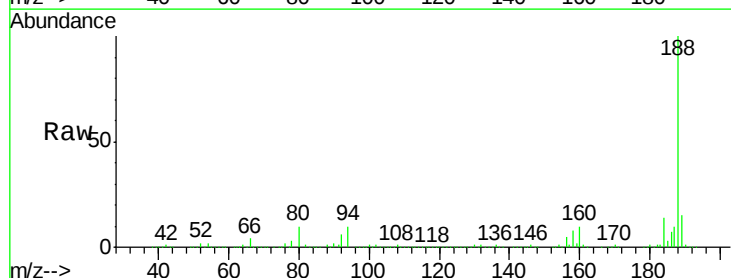
Tgt Ion:188 Resp: 866470

Ion Ratio Lower Upper

188 100

94 9.6 6.7 10.1

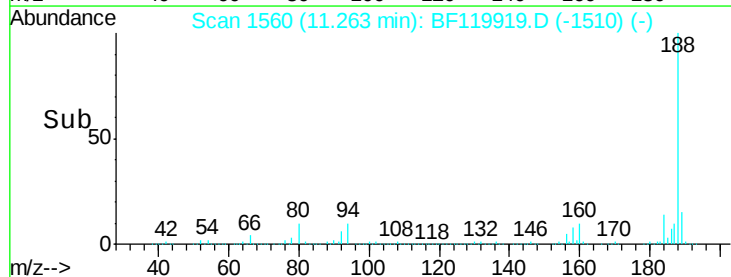
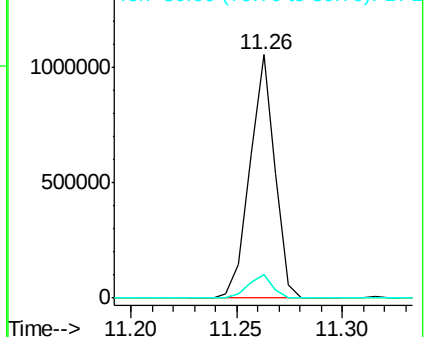
80 9.6 7.4 11.2

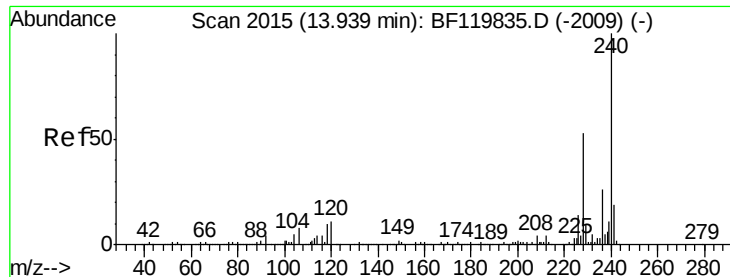


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

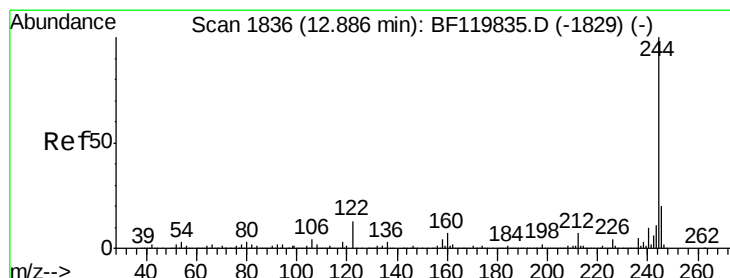
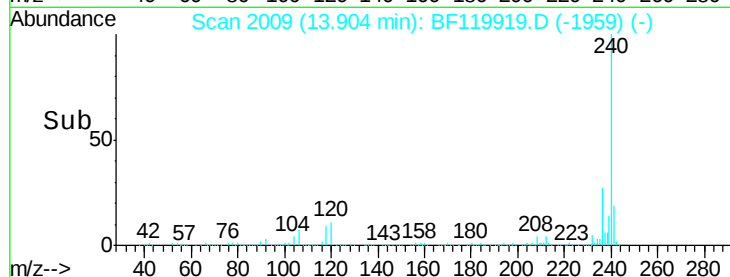
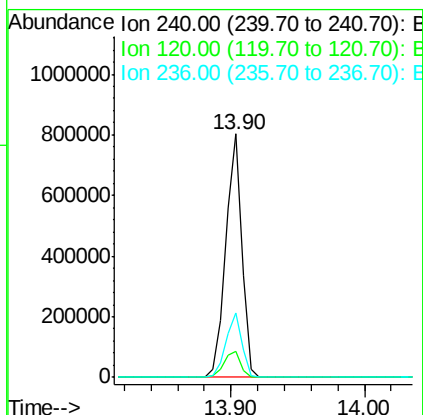
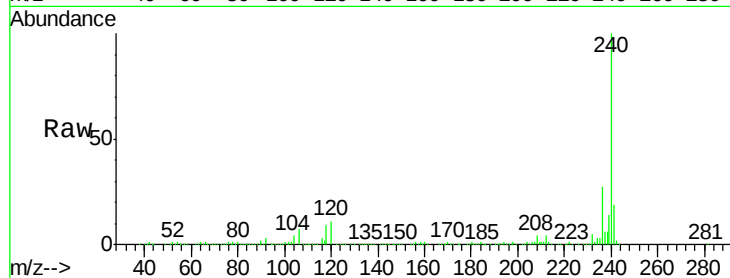




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119919.D
 Acq: 13 Apr 2020 16:35

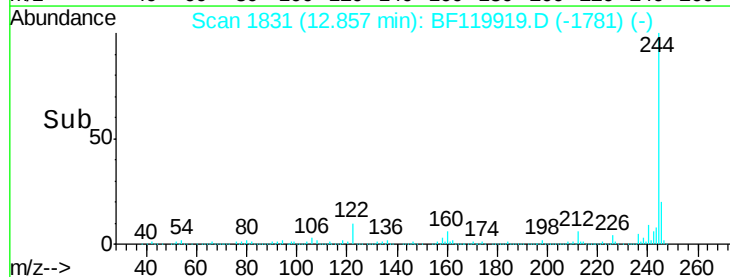
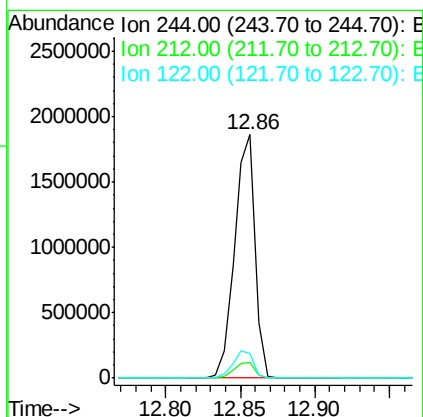
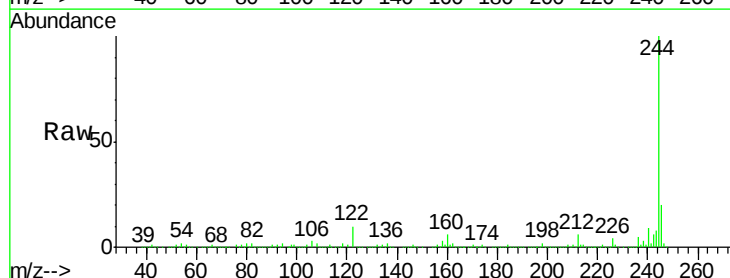
Instrument :
 BNA_F
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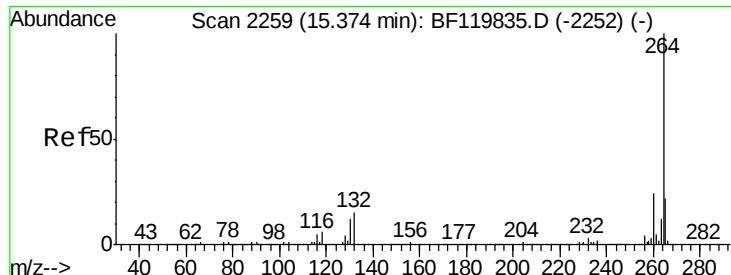
Tot Ion:240 Resp: 687138
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.0 13.6
 236 26.6 20.7 31.1



#79
 Terphenyl-d14
 Concen: 43.761 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BF119919.D
 Acq: 13 Apr 2020 16:35

Tgt Ion:244 Resp: 1787048
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 10.0 10.3 15.5#

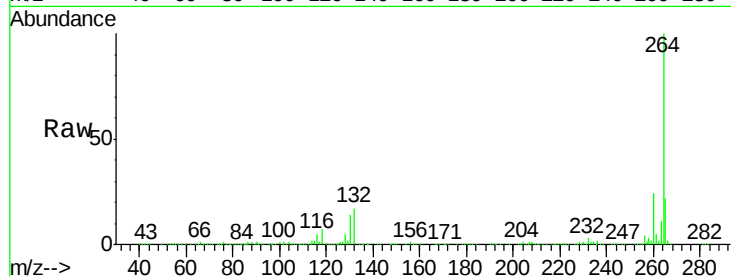




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF119919.D
 Acq: 13 Apr 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Tot Ion:	264	Resp:	626684
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	22.0	17.6	26.4



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

