

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115367.D
 Acq On : 2 Jul 2019 18:41
 Operator : HP/JU
 Sample : K3158-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819

Quant Time: Jul 03 06:51:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	232513	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	899956	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	432387	20.00	ng	0.01
64) Phenanthrene-d10	11.11	188	833471	20.00	ng	0.02
76) Chrysene-d12	13.74	240	536370	20.00	ng	0.02
87) Perylene-d12	15.11	264	547786	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1424594	94.55	ng	0.03
7) Phenol-d6	6.25	99	1643114	89.85	ng	0.02
23) Nitrobenzene-d5	7.17	82	1231055	84.15	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	576738	126.49	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	2326368	91.39	ng	0.01
79) Terphenyl-d14	12.71	244	2341675	92.82	ng	0.02

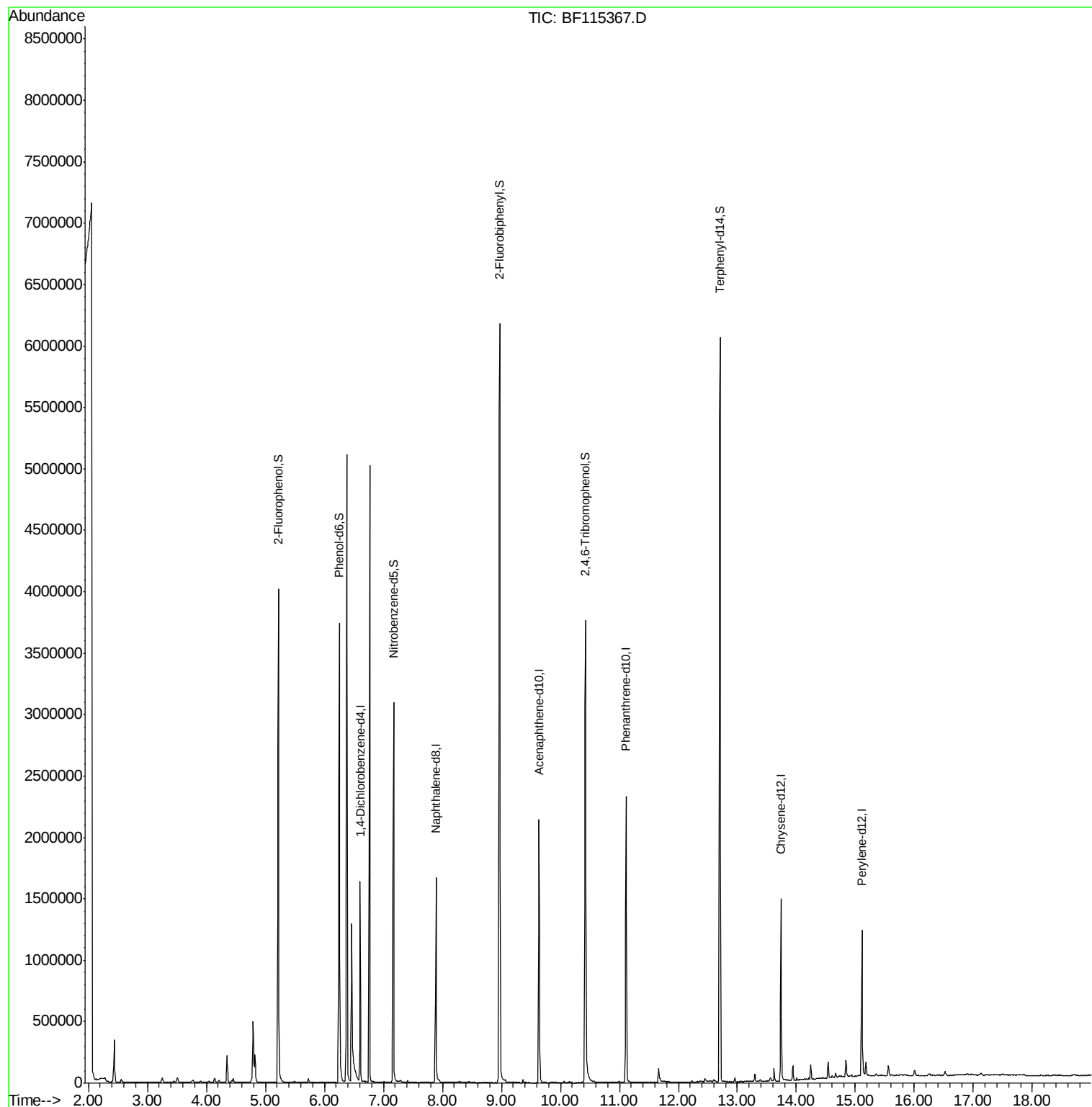
Target Compounds Qvalue

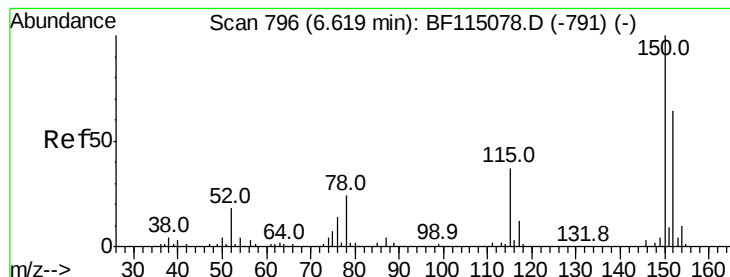
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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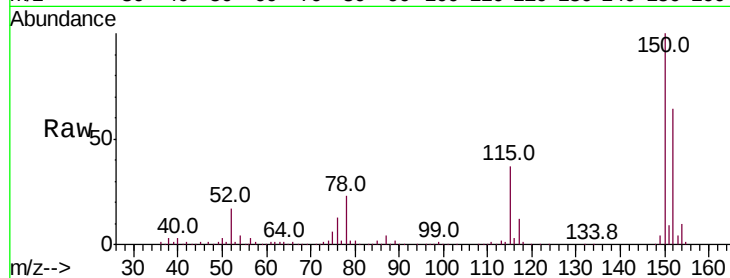


#1

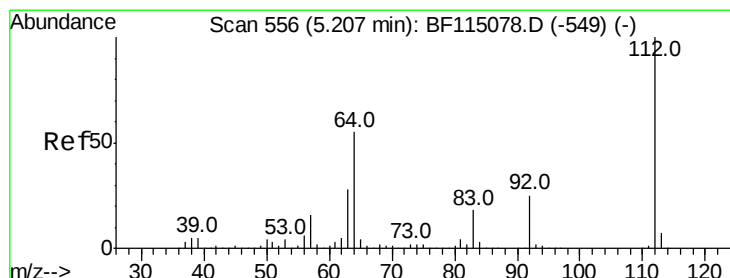
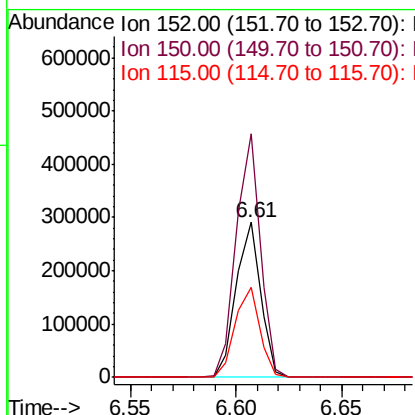
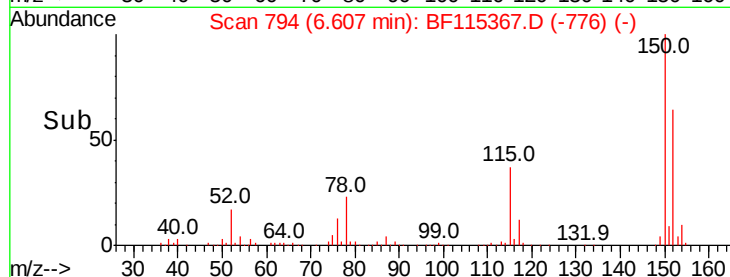
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Instrument :
BNA_F
ClientSampleId :
OK-01-062819

Tot Ion:152 Resp: 232513
Ion Ratio Lower Upper
152 100
150 157.1 124.2 186.2
115 58.4 46.1 69.1



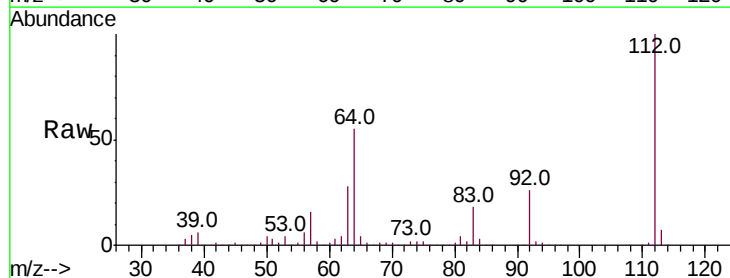
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



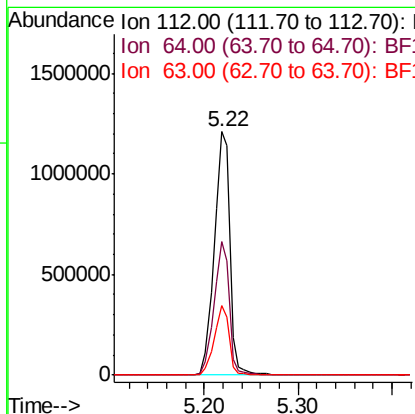
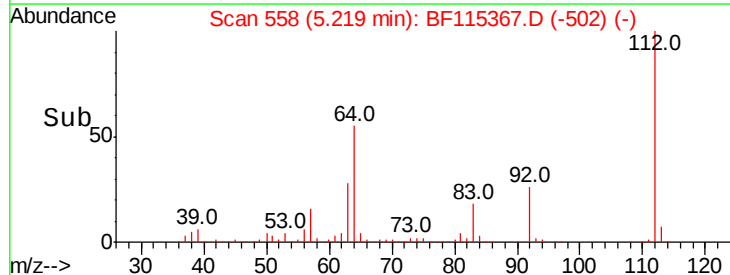
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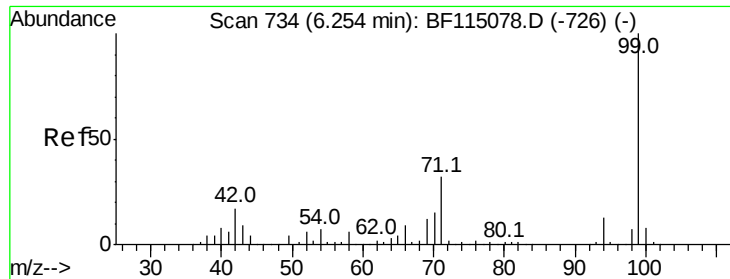
2-Fluorophenol
Concen: 94.549 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.03 min
Lab File: BF115367.D
Acq: 2 Jul 2019 18:41

Tgt Ion:112 Resp: 1424594
Ion Ratio Lower Upper
112 100
64 55.1 43.8 65.6
63 28.3 22.2 33.4



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: 89.847 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF115367.D

Acq: 2 Jul 2019 18:41

Instrument :

BNA_F

ClientSampleId :

OK-01-062819

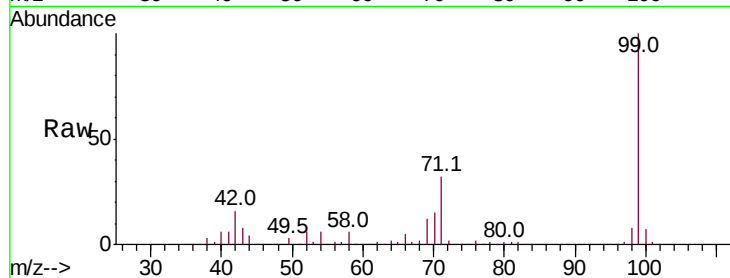
Tot Ion: 99 Resp: 1643114

Ion Ratio Lower Upper

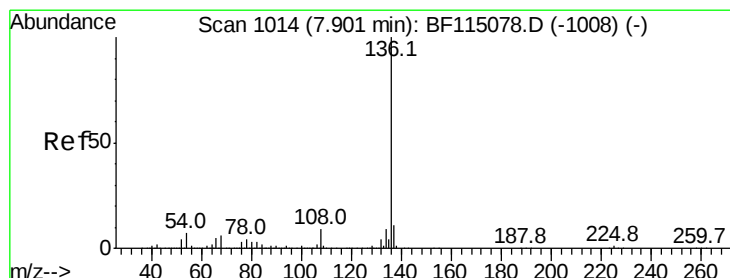
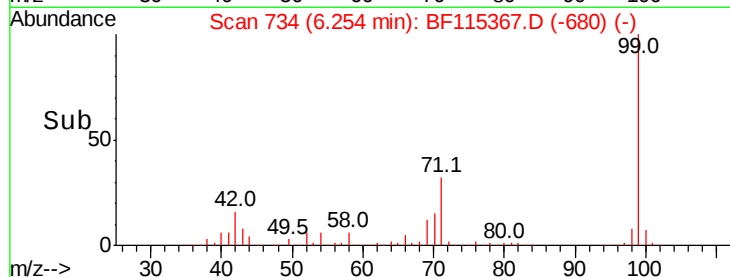
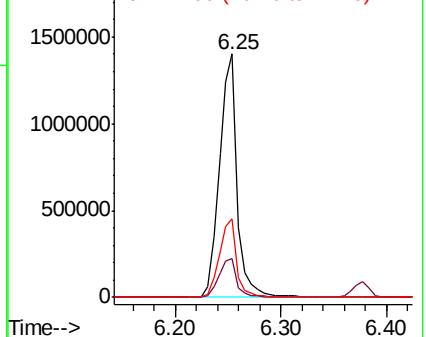
99 100

42 16.1 13.6 20.4

71 32.4 25.5 38.3



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: 7.89 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF115367.D

Acq: 2 Jul 2019 18:41

Tgt Ion: 136 Resp: 899956

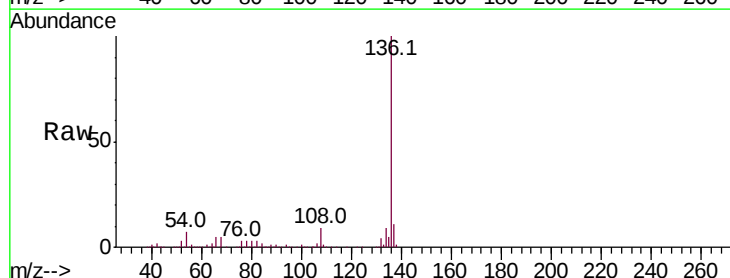
Ion Ratio Lower Upper

136 100

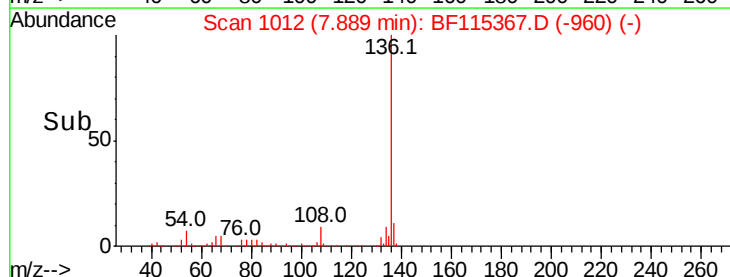
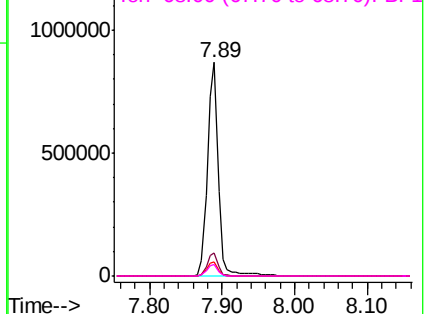
137 11.1 8.9 13.3

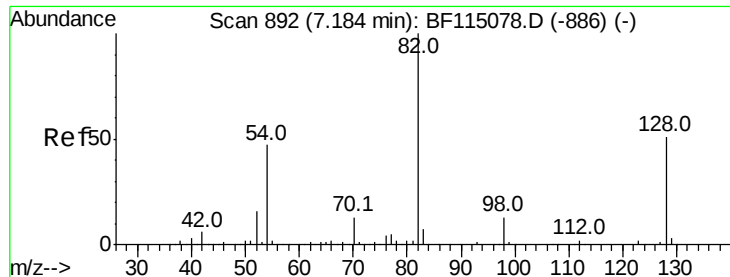
54 6.5 5.6 8.4

68 5.5 4.8 7.2



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

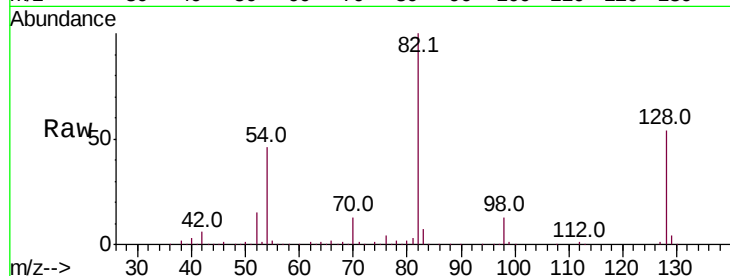




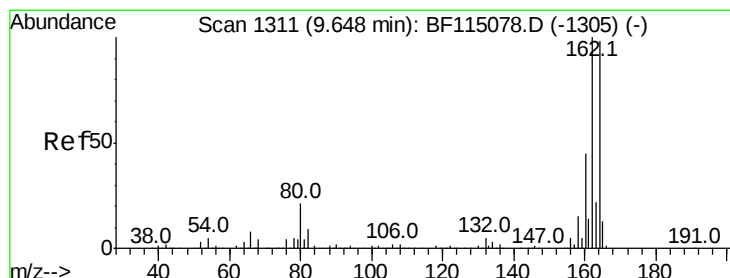
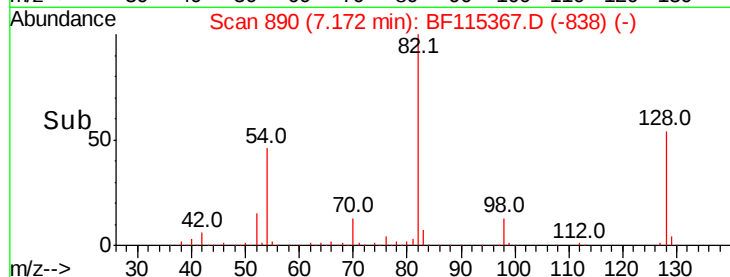
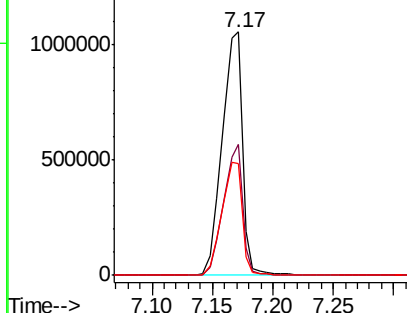
#23
 Nitrobenzene-d5
 Concen: 84.147 ng
 RT: 7.17 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: BF115367.D
 Acq: 2 Jul 2019 18:41

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819

Tot Ion: 82 Resp: 1231055
 Ion Ratio Lower Upper
 82 100
 128 53.7 40.4 60.6
 54 45.9 37.5 56.3

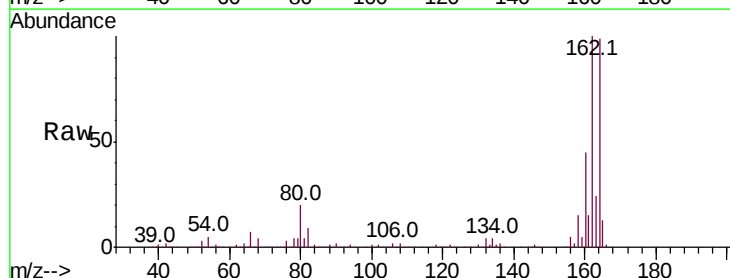


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

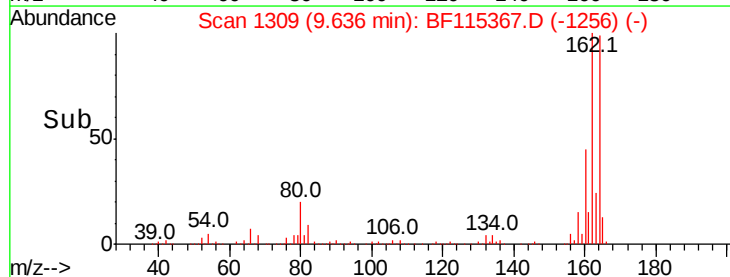
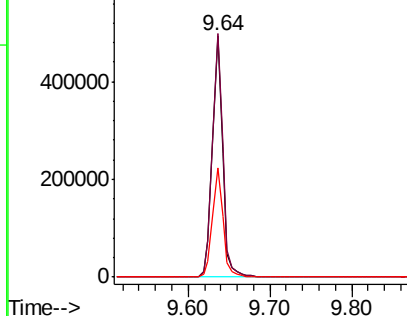


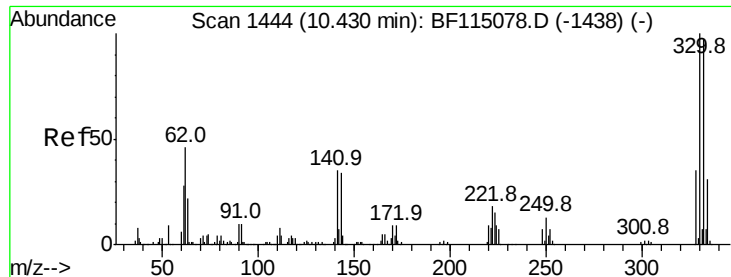
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF115367.D
 Acq: 2 Jul 2019 18:41

Tgt Ion:164 Resp: 432387
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.7 122.5
 160 45.1 37.0 55.4



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

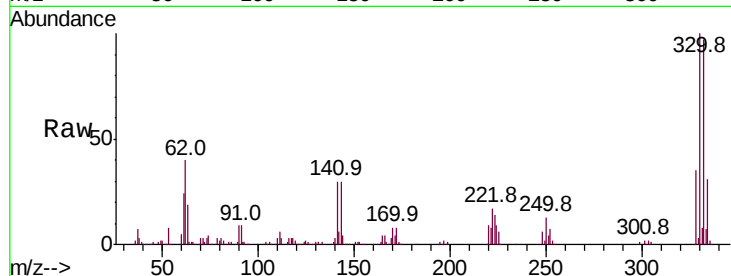




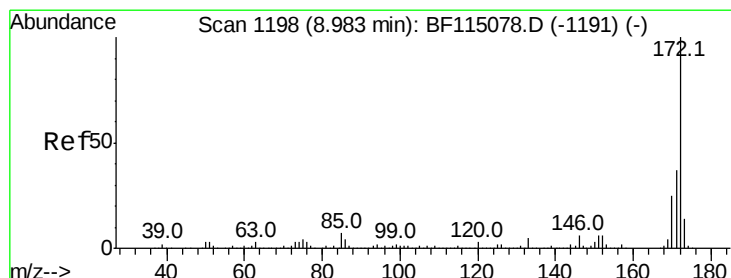
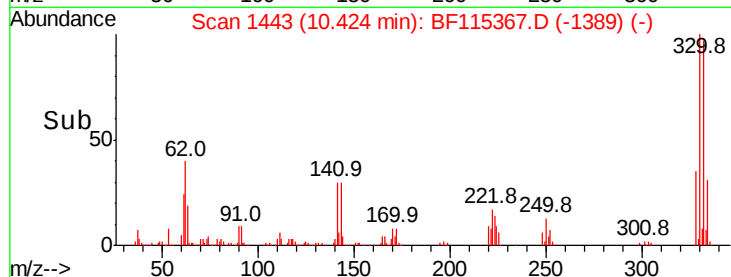
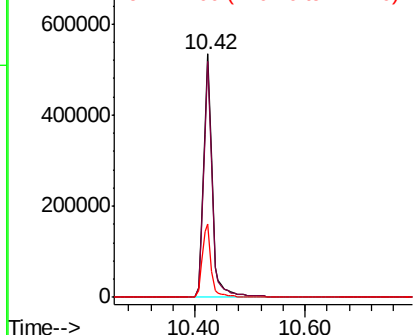
#42
 2,4,6-Tribromophenol
 Concen: 126.487 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. 0.02 min
 Lab File: BF115367.D
 Acq: 2 Jul 2019 18:41

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	31.6	28.2	42.2

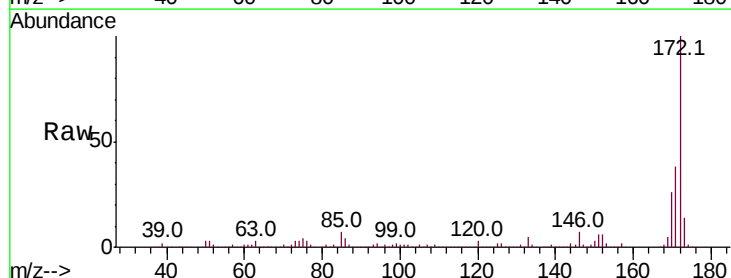


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

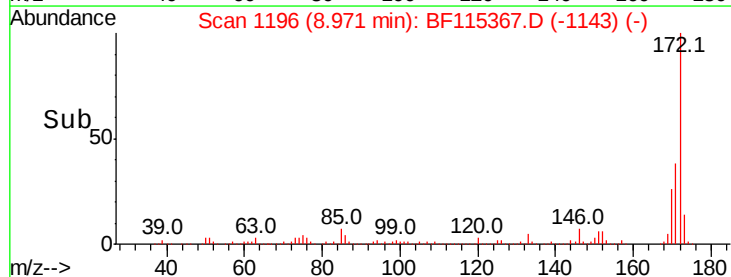
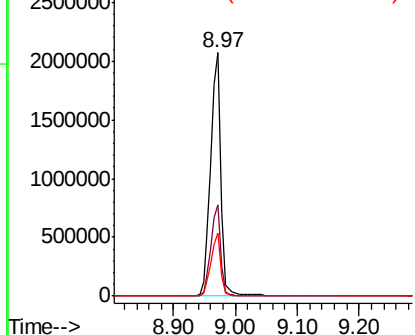


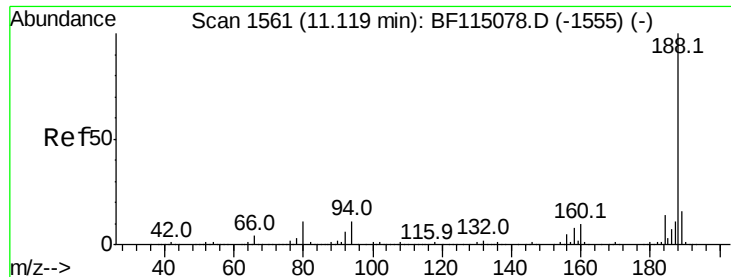
#45
 2-Fluorobiphenyl
 Concen: 91.391 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF115367.D
 Acq: 2 Jul 2019 18:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	25.7	20.3	30.5



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.11 min Scan# 1560

Delta R.T. 0.02 min

Lab File: BF115367.D

Acq: 2 Jul 2019 18:41

Instrument :

BNA_F

ClientSampleId :

OK-01-062819

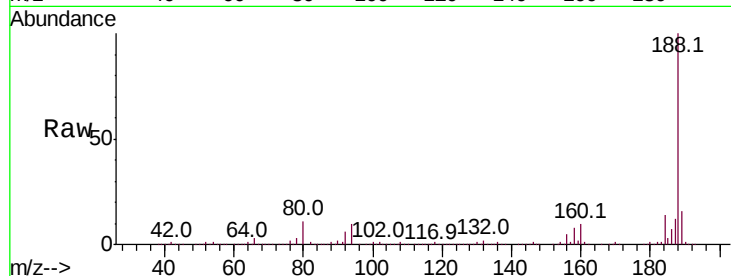
Tot Ion:188 Resp: 833471

Ion Ratio Lower Upper

188 100

94 9.9 8.6 12.8

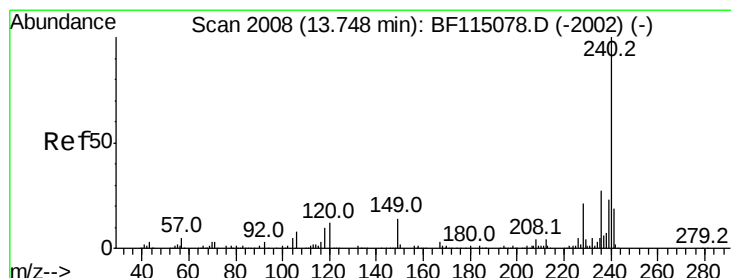
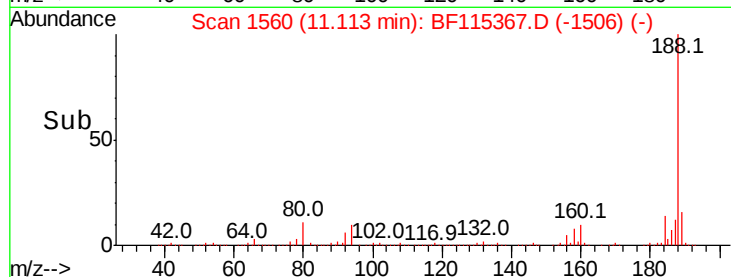
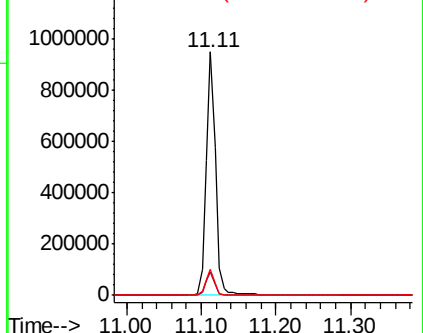
80 10.8 8.8 13.2



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: 13.74 min Scan# 2007

Delta R.T. 0.02 min

Lab File: BF115367.D

Acq: 2 Jul 2019 18:41

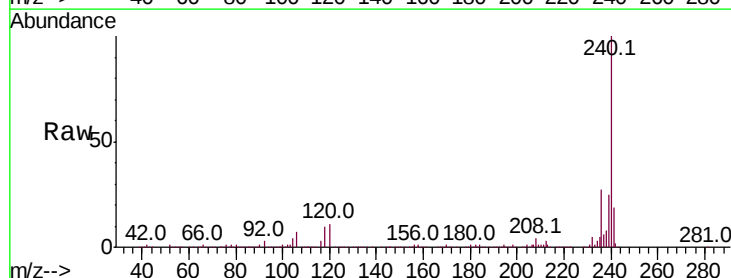
Tgt Ion:240 Resp: 536370

Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.2

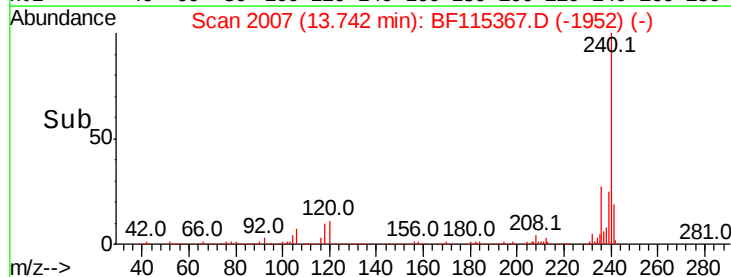
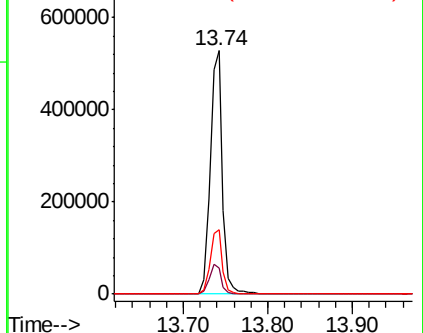
236 26.7 21.7 32.5

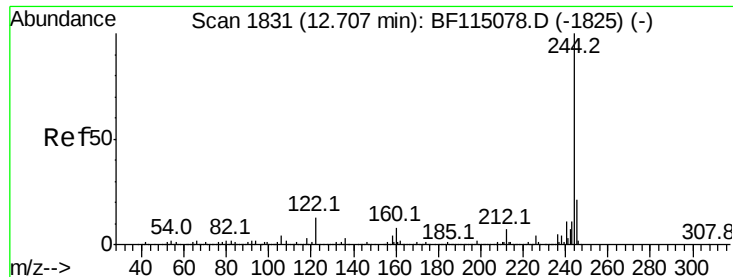


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

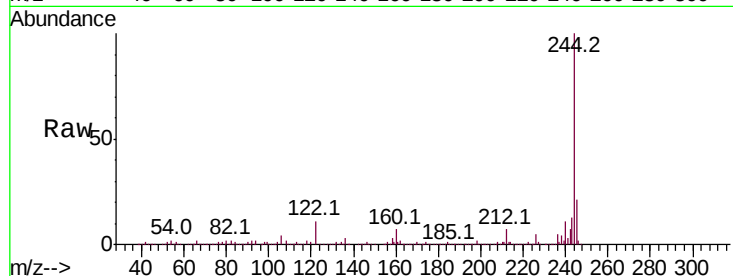




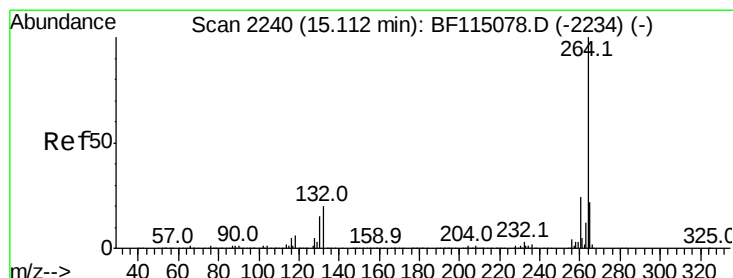
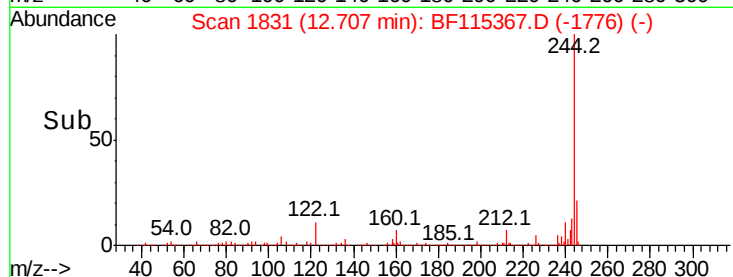
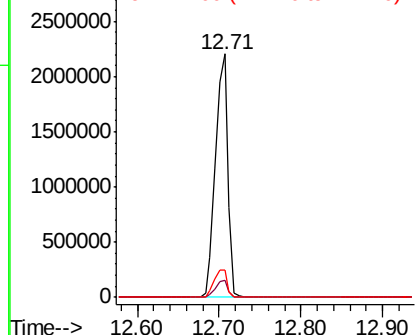
#79
 Terphenyl-d14
 Concen: 92.823 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.02 min
 Lab File: BF115367.D
 Acq: 2 Jul 2019 18:41

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-062819

Tot Ion:244 Resp: 2341675
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.4 10.4 15.6

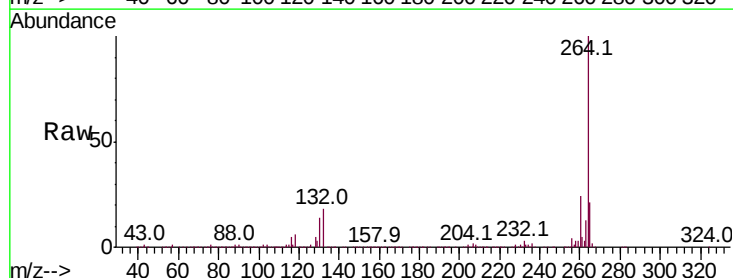


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.11 min Scan# 2240
 Delta R.T. 0.03 min
 Lab File: BF115367.D
 Acq: 2 Jul 2019 18:41

Tgt Ion:264 Resp: 547786
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 21.1 17.3 25.9



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

