

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115533.D
 Acq On : 12 Jul 2019 18:24
 Operator : HP/JU
 Sample : K3621-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071019-B

Quant Time: Jul 13 01:50:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	151854	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	548826	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	231135	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	367600	20.00	ng	0.00
76) Chrysene-d12	14.04	240	313227	20.00	ng	-0.01
87) Perylene-d12	15.52	264	325923	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	987926	106.42	ng	0.02
7) Phenol-d6	6.52	99	1078337	91.54	ng	0.00
23) Nitrobenzene-d5	7.44	82	918692	97.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	324504	120.28	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1580320	119.67	ng	0.00
79) Terphenyl-d14	12.99	244	1373368	80.90	ng	0.00

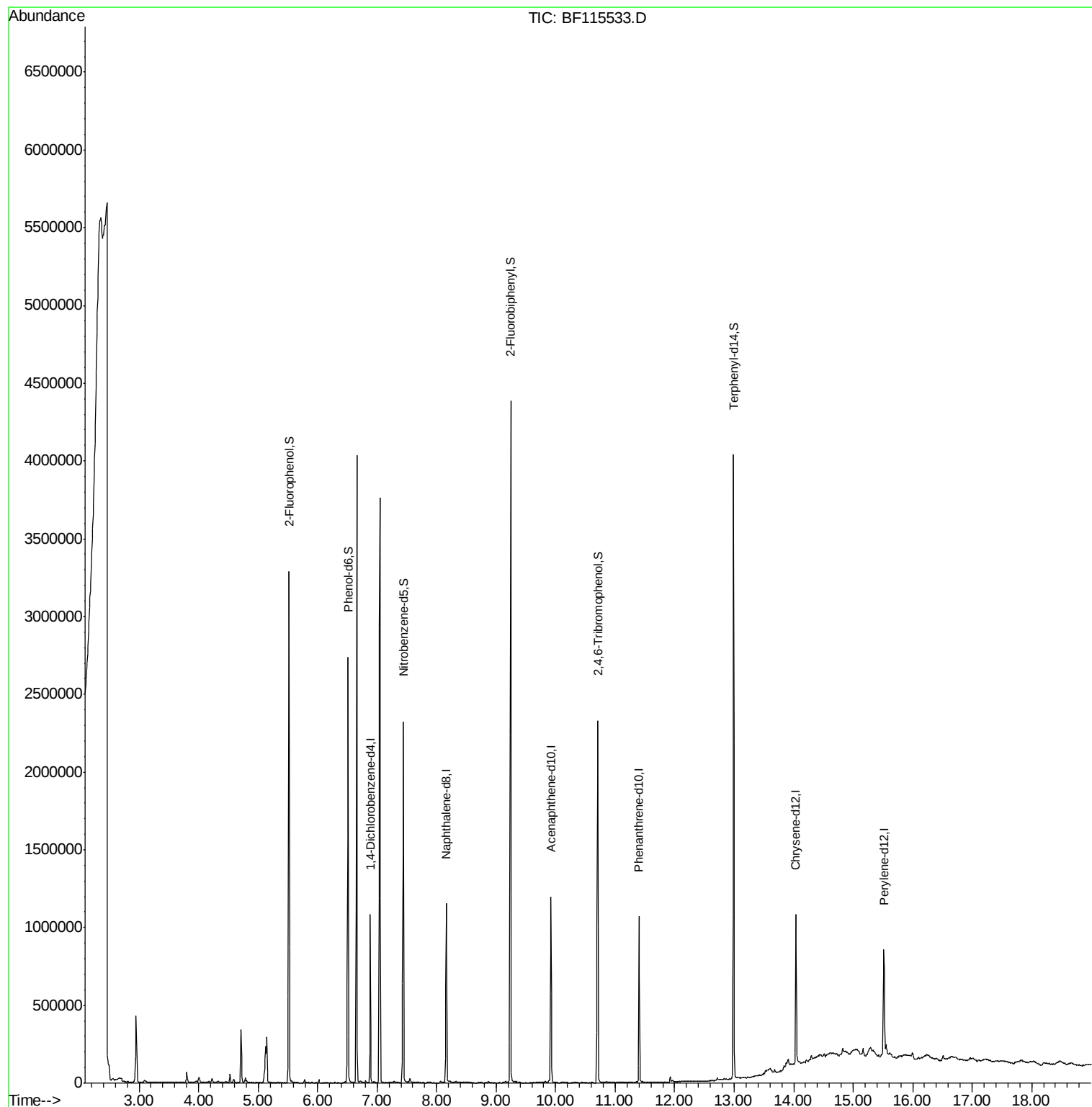
Target Compounds Qvalue

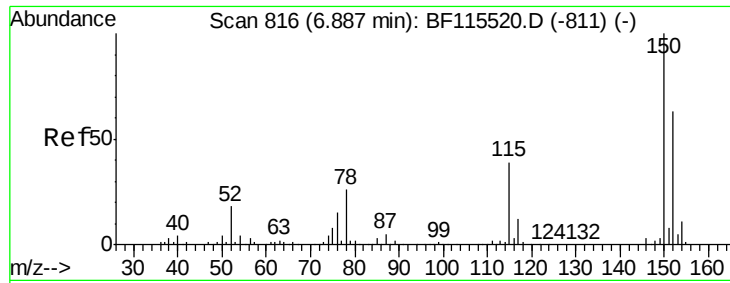
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF115533.D

Acq: 12 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

OK-03-071019-B

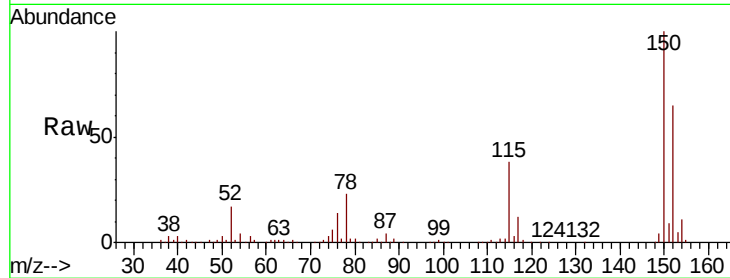
Tot Ion:152 Resp: 151854

Ion Ratio Lower Upper

152 100

150 153.1 129.7 194.5

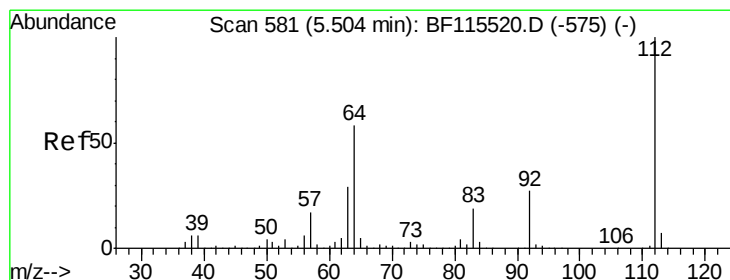
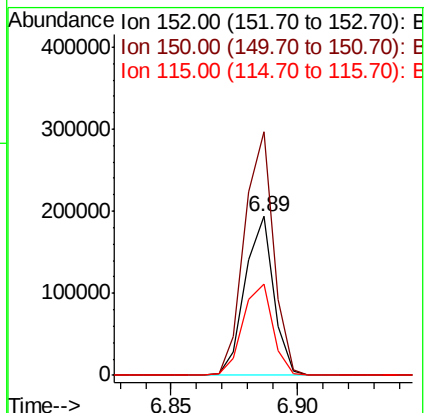
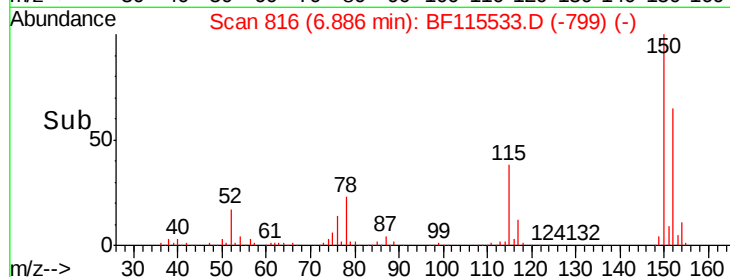
115 57.6 48.2 72.4



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: 106.415 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115533.D

Acq: 12 Jul 2019 18:24

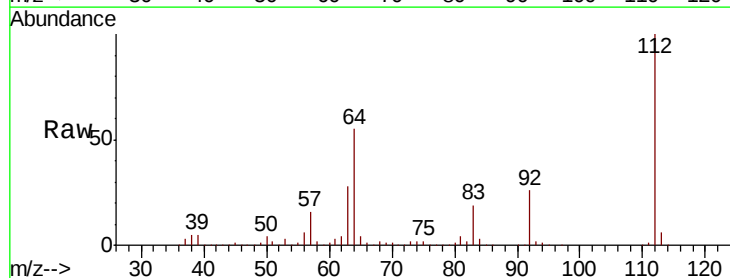
Tgt Ion:112 Resp: 987926

Ion Ratio Lower Upper

112 100

64 54.7 46.8 70.2

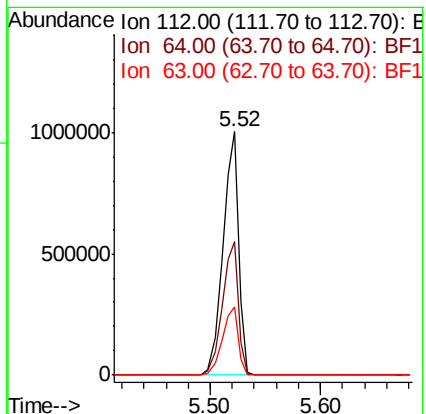
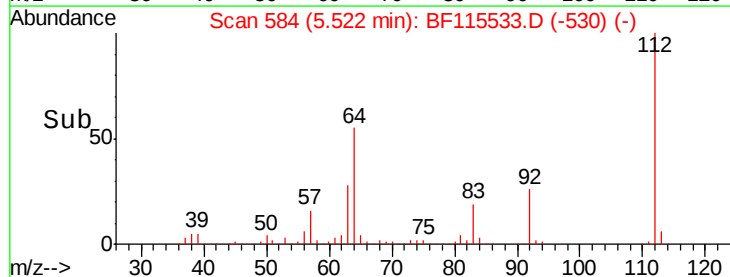
63 28.0 24.1 36.1

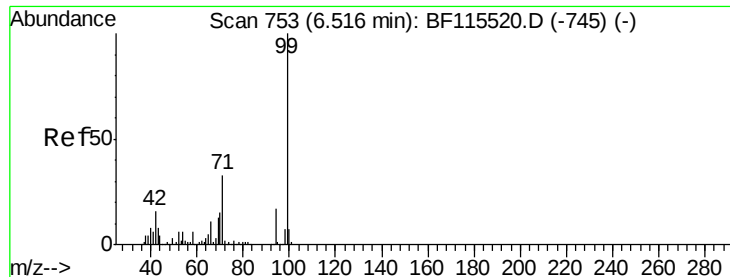


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 91.540 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115533.D

Acq: 12 Jul 2019 18:24

Instrument :

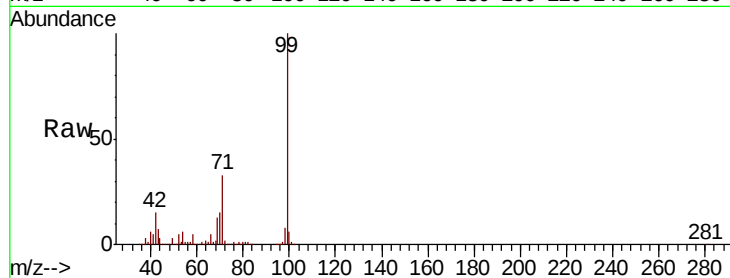
BNA_F

ClientSampleId :

OK-03-071019-B

Tot Ion: 99 Resp: 1078337

Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.6	20.4
71	32.7	28.5	42.7

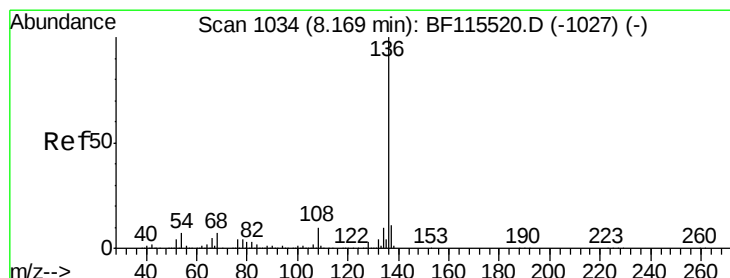
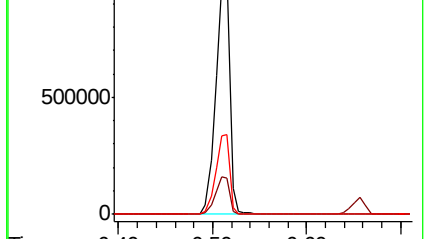
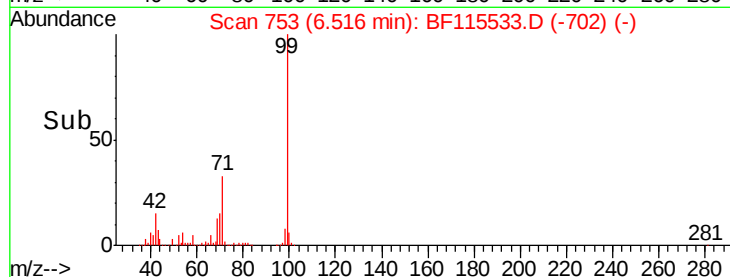


Abundance

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: 8.16 min Scan# 1033

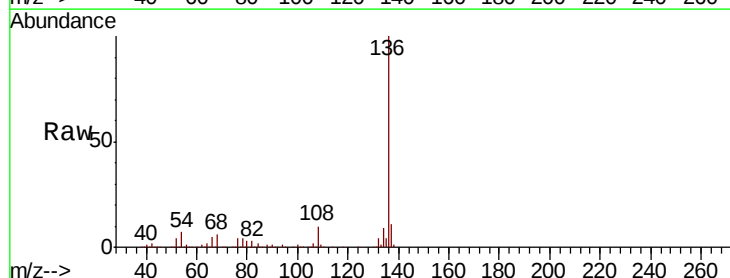
Delta R.T. -0.01 min

Lab File: BF115533.D

Acq: 12 Jul 2019 18:24

Tgt Ion: 136 Resp: 548826

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.1	5.6	8.4
68	6.4	5.0	7.6



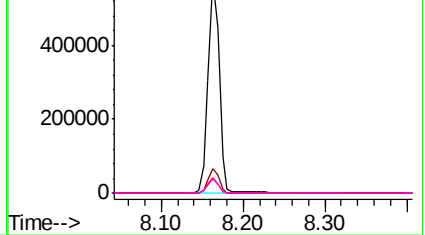
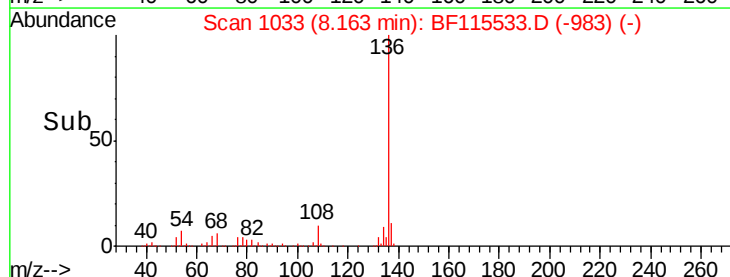
Abundance

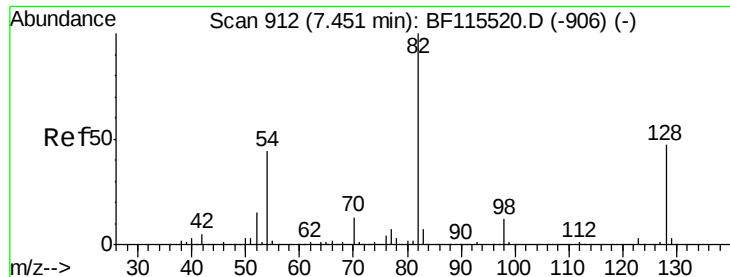
Ion 136.00 (135.70 to 136.70): E

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

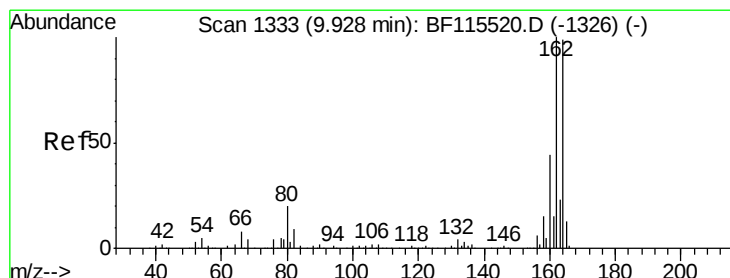
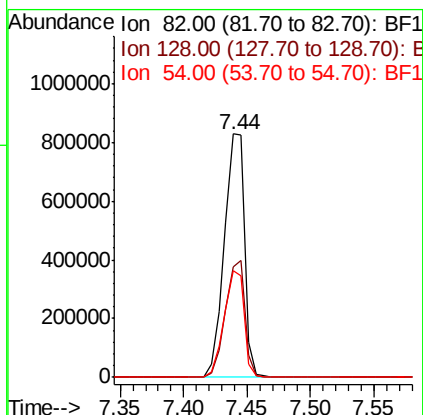
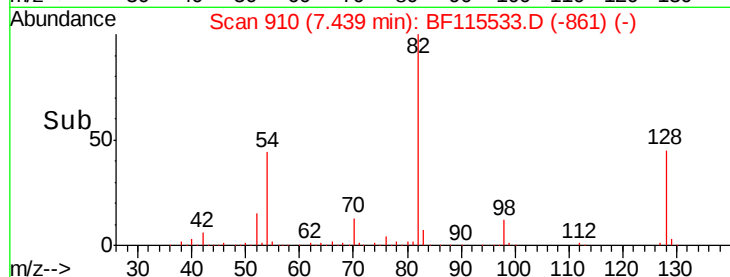
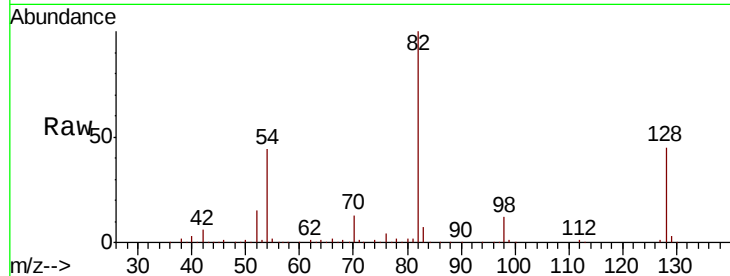




#23
 Nitrobenzene-d5
 Concen: 97.333 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115533.D
 Acq: 12 Jul 2019 18:24

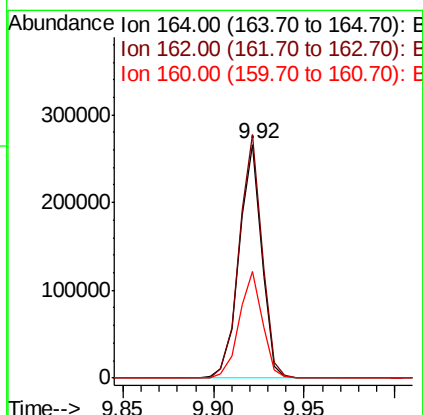
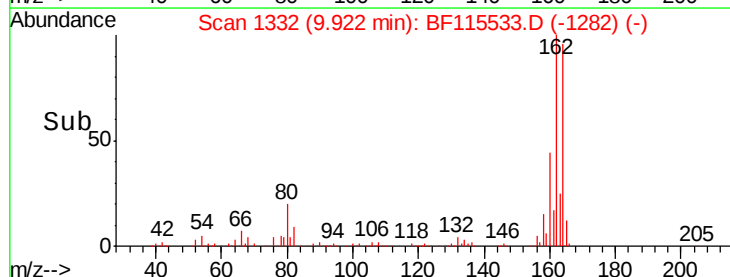
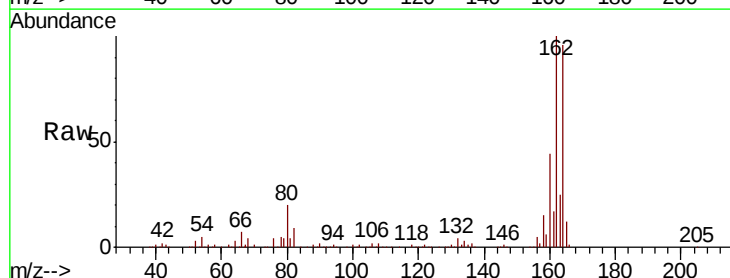
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071019-B

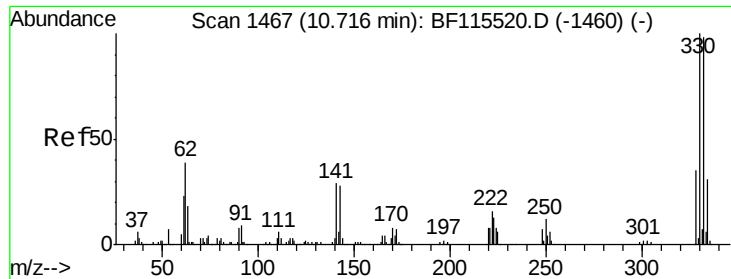
Tot Ion: 82 Resp: 918692
 Ion Ratio Lower Upper
 82 100
 128 45.5 38.6 57.8
 54 43.8 35.6 53.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF115533.D
 Acq: 12 Jul 2019 18:24

Tgt Ion:164 Resp: 231135
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.9 124.3
 160 45.4 36.8 55.2





#42

2,4,6-Tribromophenol

Concen: 120.280 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115533.D

Acq: 12 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

OK-03-071019-B

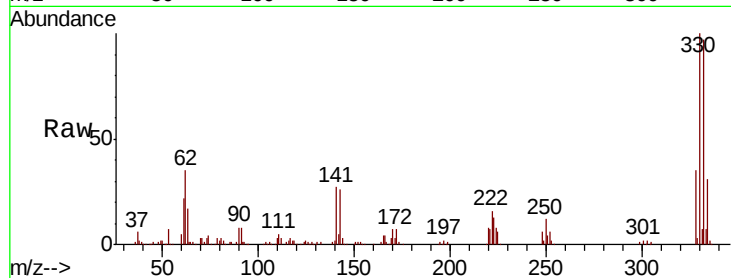
Tot Ion:330 Resp: 324504

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

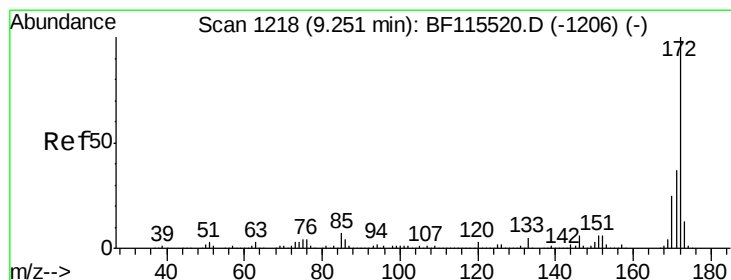
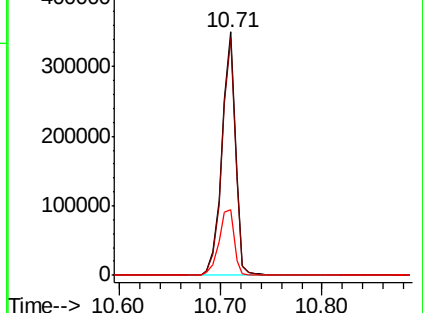
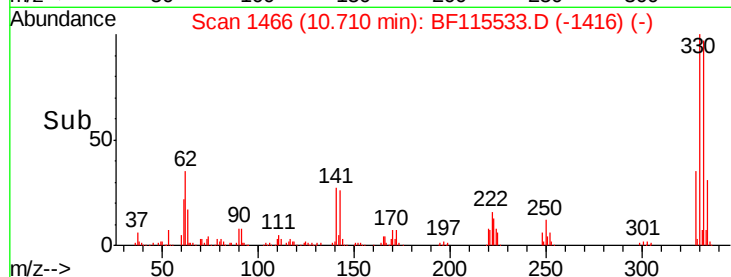
141 30.5 22.4 33.6



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: 119.671 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115533.D

Acq: 12 Jul 2019 18:24

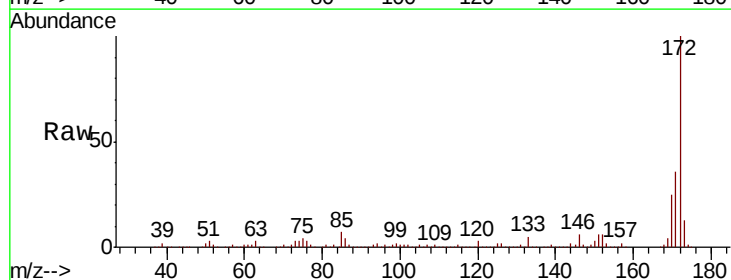
Tgt Ion:172 Resp: 1580320

Ion Ratio Lower Upper

172 100

171 36.2 30.6 46.0

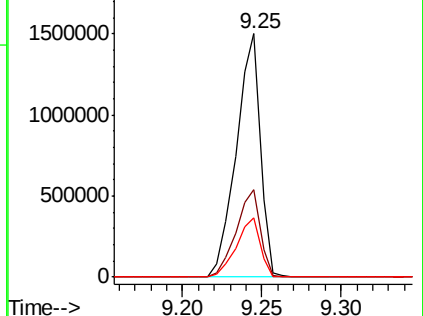
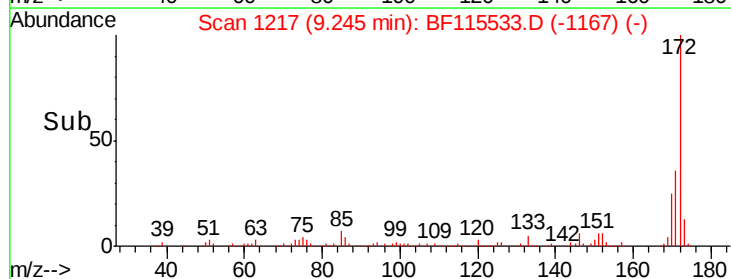
170 24.6 20.5 30.7

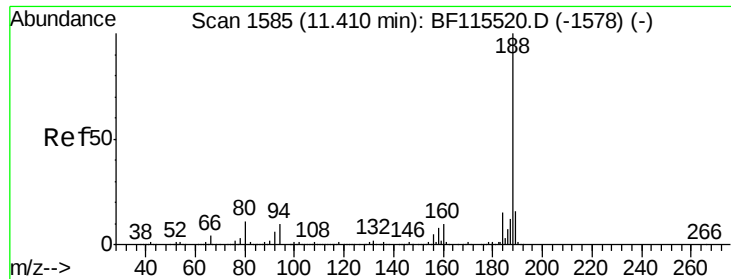


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

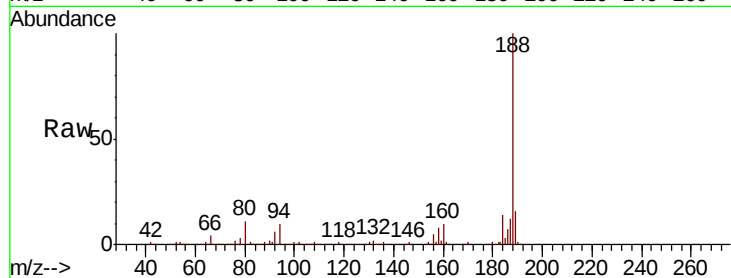




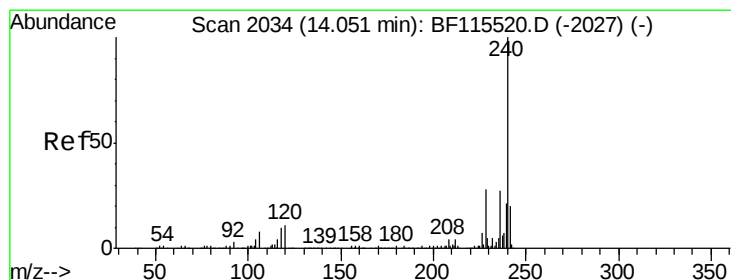
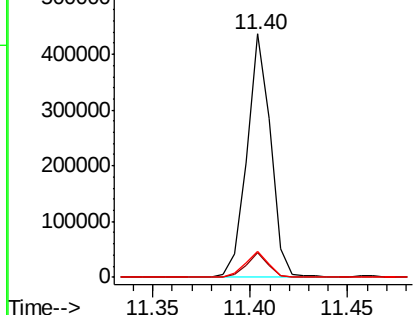
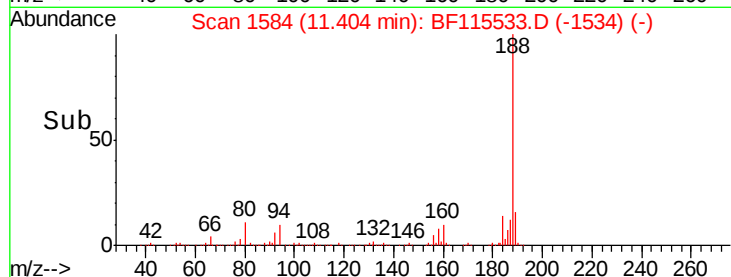
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115533.D
Acq: 12 Jul 2019 18:24

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-B

Tot Ion:188 Resp: 367600
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.6 8.6 13.0

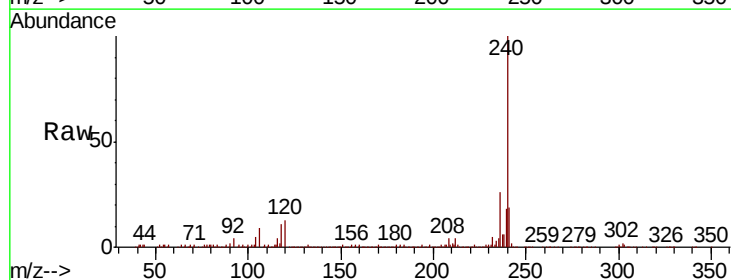


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

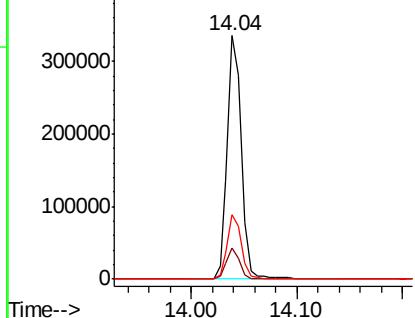
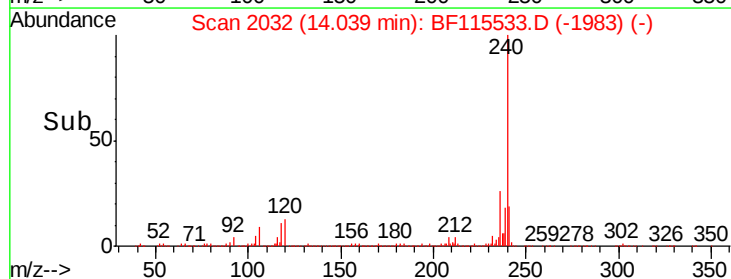


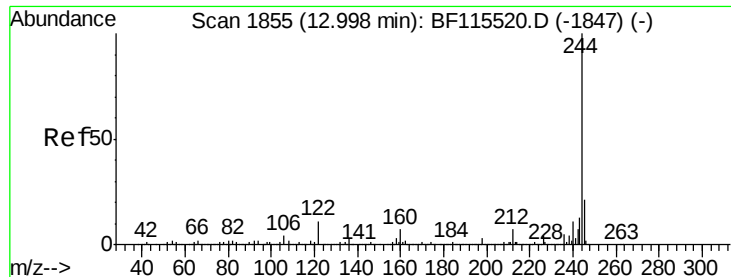
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115533.D
Acq: 12 Jul 2019 18:24

Tgt Ion:240 Resp: 313227
Ion Ratio Lower Upper
240 100
120 12.6 8.6 13.0
236 26.3 21.3 31.9



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: 80.903 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115533.D

Acq: 12 Jul 2019 18:24

Instrument :

BNA_F

ClientSampleId :

OK-03-071019-B

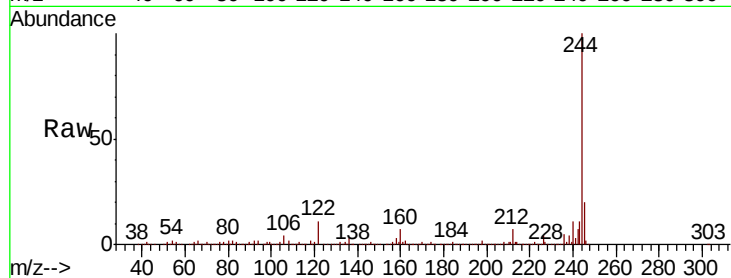
Tot Ion:244 Resp: 1373368

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

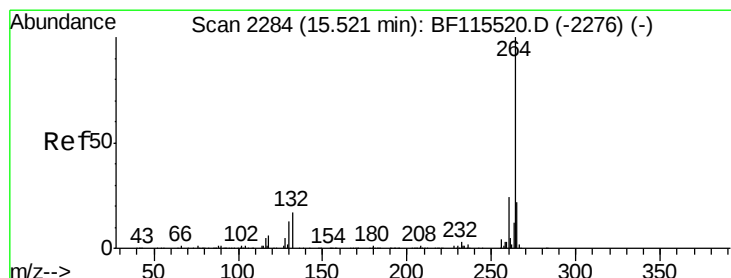
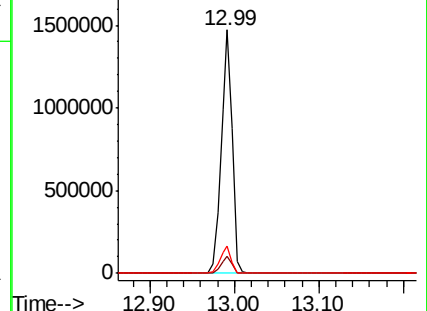
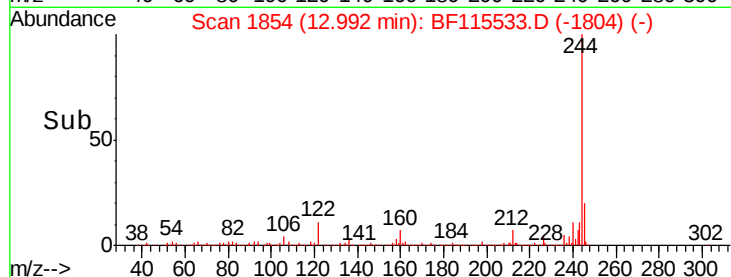
122 11.5 8.6 12.8



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: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115533.D

Acq: 12 Jul 2019 18:24

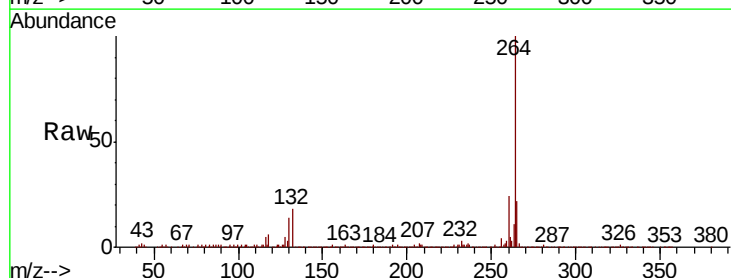
Tgt Ion:264 Resp: 325923

Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.8

265 21.8 17.7 26.5



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

