

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115514.D
 Acq On : 12 Jul 2019 00:14
 Operator : HP/JU
 Sample : K3621-03 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 12 07:23:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	128700	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	514491	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	235735	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	411088	20.00	ng	0.00
76) Chrysene-d12	14.06	240	343313	20.00	ng	-0.01
87) Perylene-d12	15.54	264	295522	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	79979	9.60	ng	-0.01
7) Phenol-d6	6.51	99	110629	10.44	ng	-0.01
23) Nitrobenzene-d5	7.45	82	61246	7.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	23110	8.87	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	140911	10.49	ng	0.00
79) Terphenyl-d14	13.00	244	138496	8.26	ng	-0.01

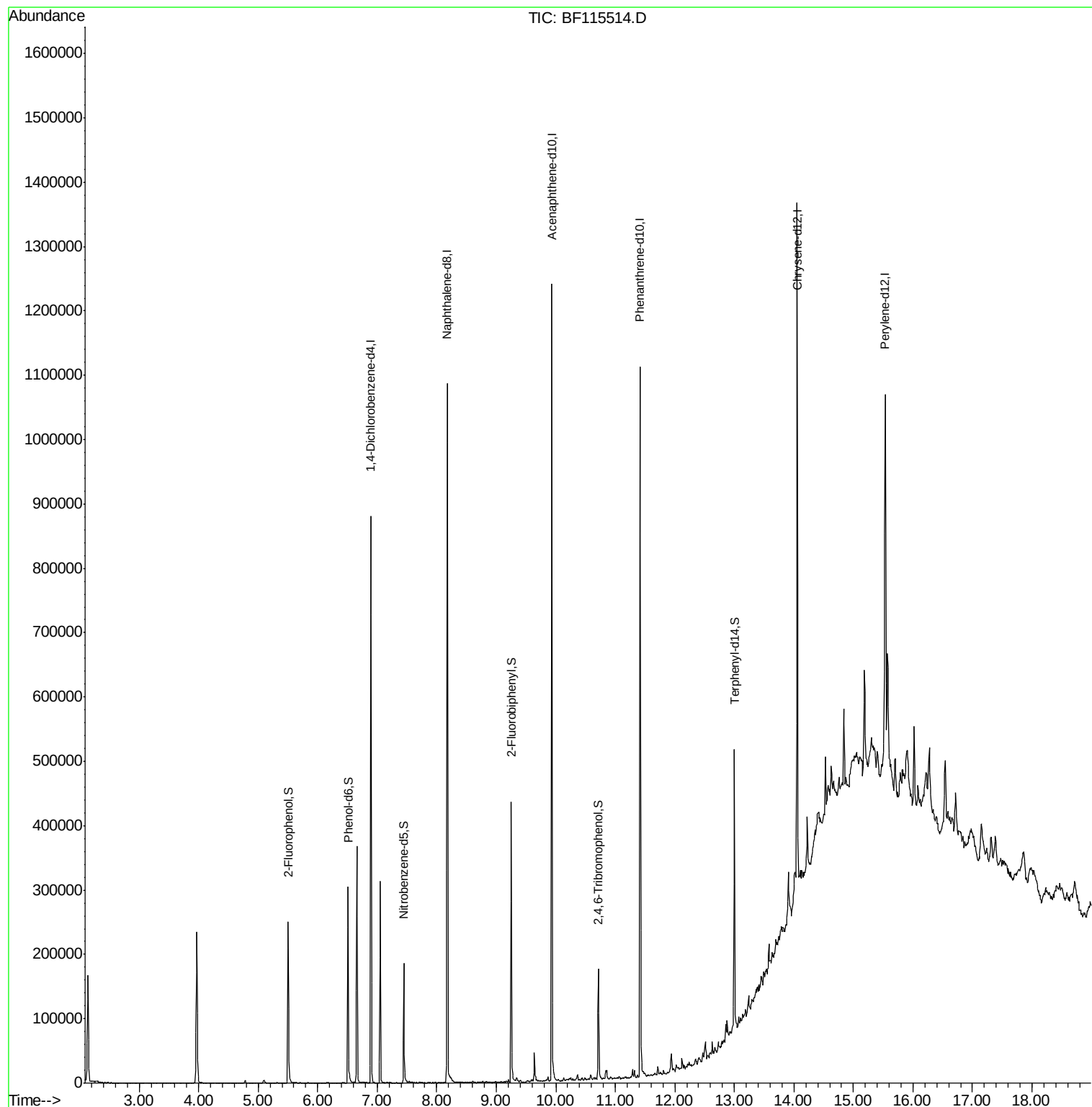
Target Compounds Qvalue

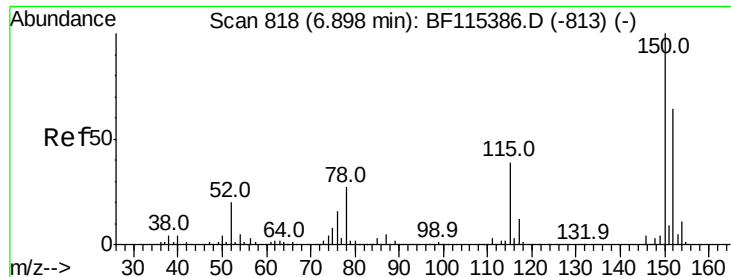
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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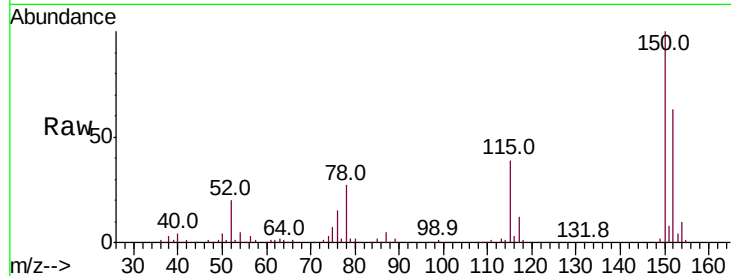


#1

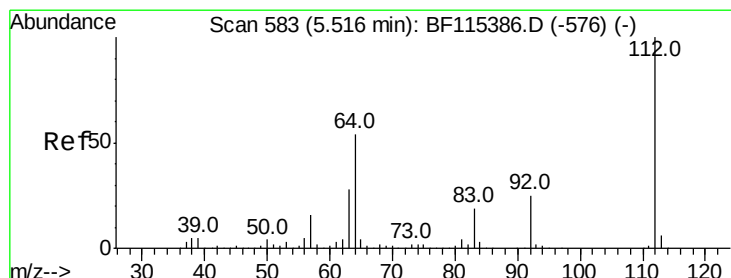
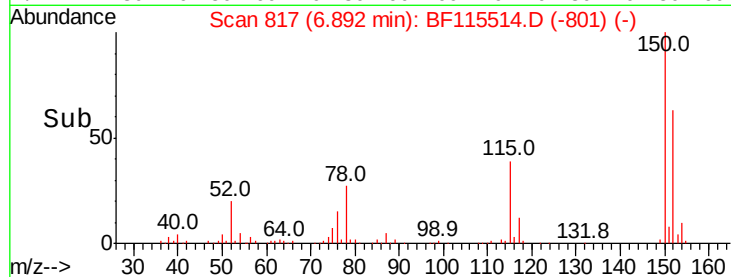
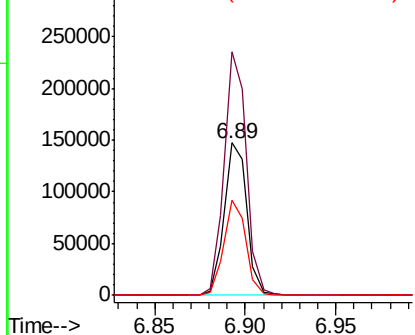
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115514.D
Acq: 12 Jul 2019 00:14

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

Tot Ion:152 Resp: 128700
Ion Ratio Lower Upper
152 100
150 159.5 127.4 191.2
115 62.3 46.2 69.4



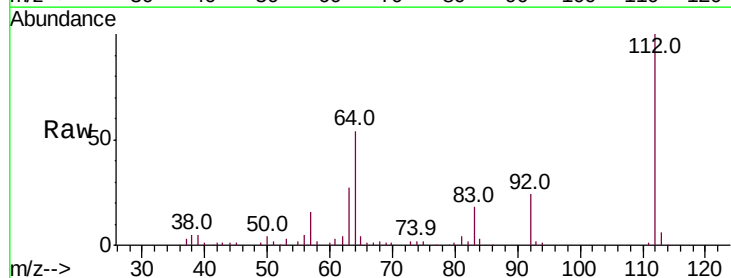
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



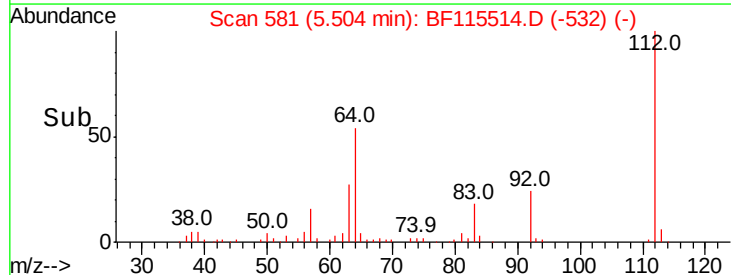
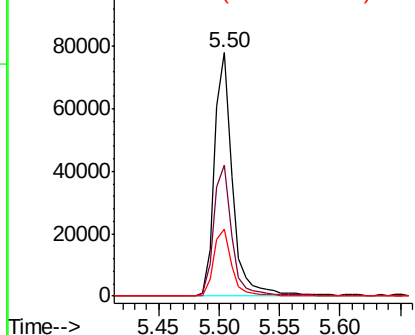
#5

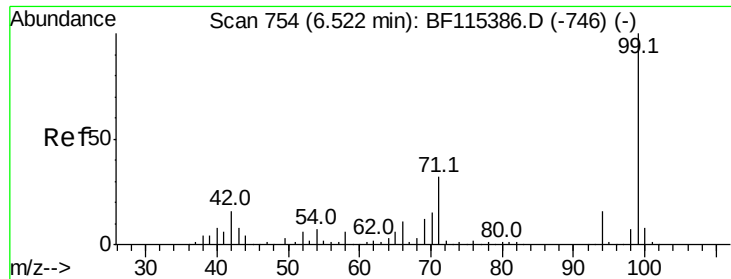
2-Fluorophenol
Concen: 9.601 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF115514.D
Acq: 12 Jul 2019 00:14

Tgt Ion:112 Resp: 79979
Ion Ratio Lower Upper
112 100
64 53.8 44.2 66.2
63 27.4 22.1 33.1



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: 10.443 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115514.D

Acq: 12 Jul 2019 00:14

Instrument :

BNA_F

ClientSampleId :

OK-03-071019-B

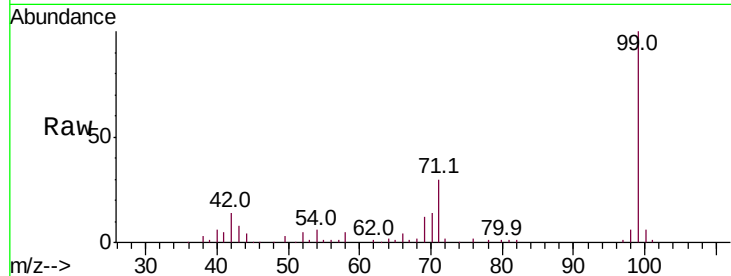
Tot Ion: 99 Resp: 110629

Ion Ratio Lower Upper

99 100

42 14.4 12.8 19.2

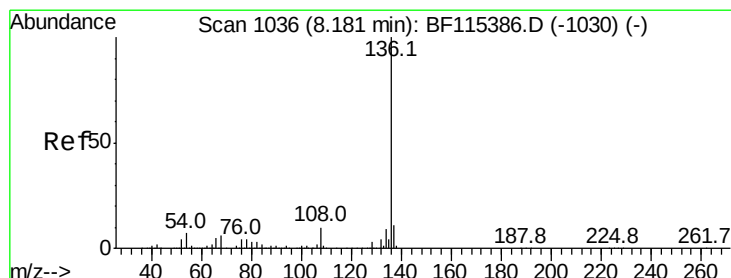
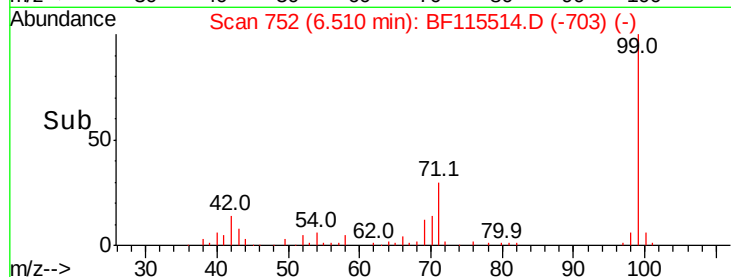
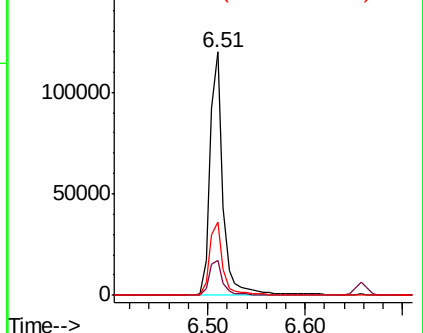
71 29.9 26.5 39.7



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115514.D

Acq: 12 Jul 2019 00:14

Tgt Ion: 136 Resp: 514491

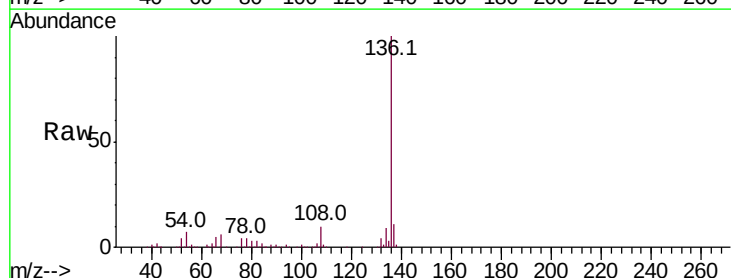
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.9 5.4 8.0

68 6.5 4.8 7.2

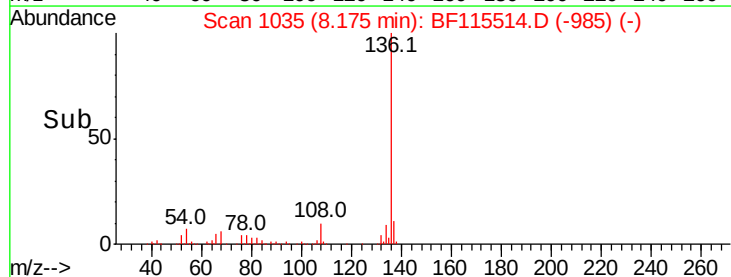
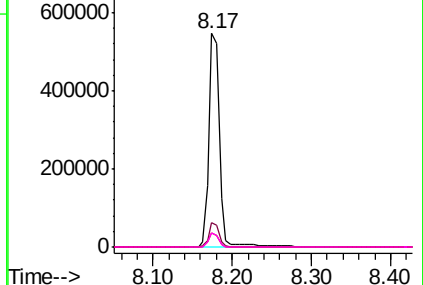


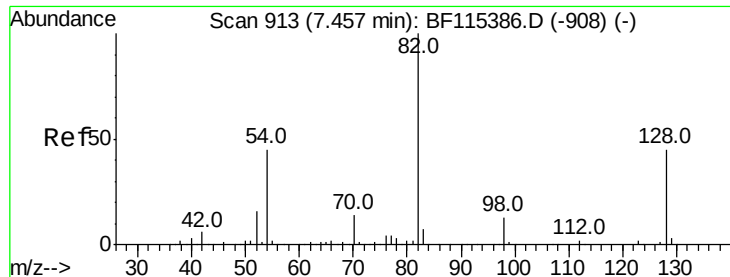
Abundance Ion 136.00 (135.70 to 136.70): E

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

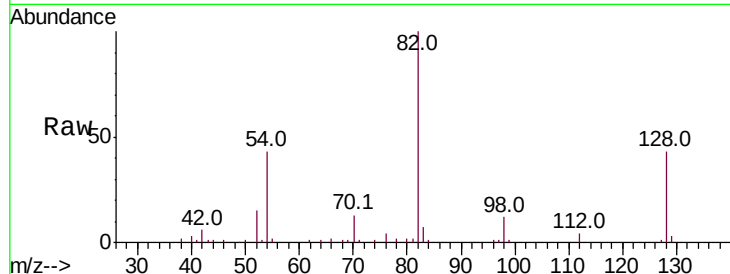




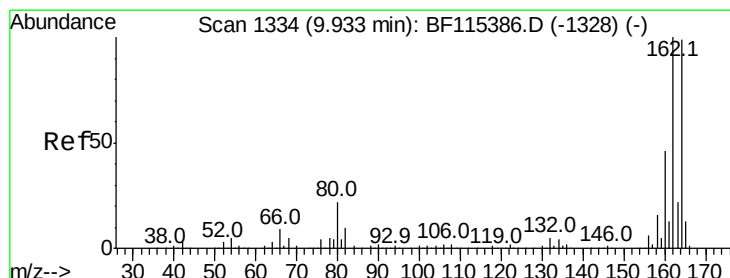
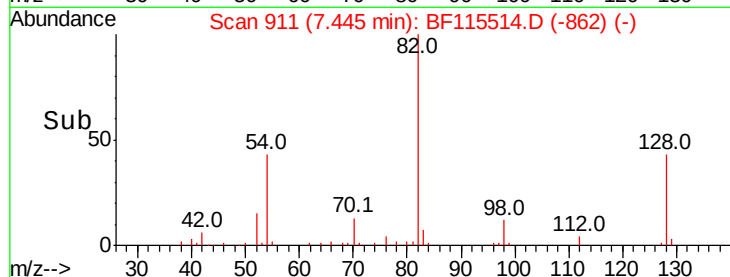
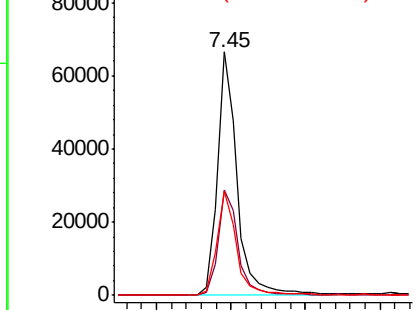
#23
 Nitrobenzene-d5
 Concen: 7.033 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115514.D
 Acq: 12 Jul 2019 00:14

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

Tot Ion: 82 Resp: 61246
 Ion Ratio Lower Upper
 82 100
 128 43.1 36.7 55.1
 54 42.9 35.6 53.4

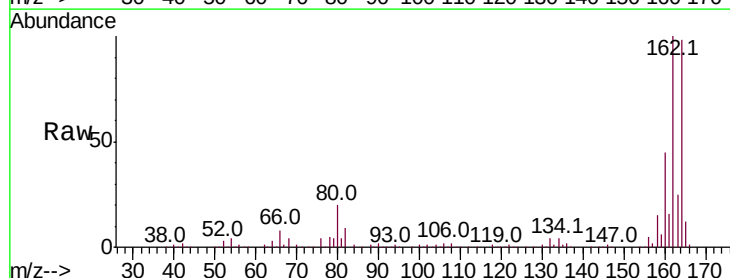


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

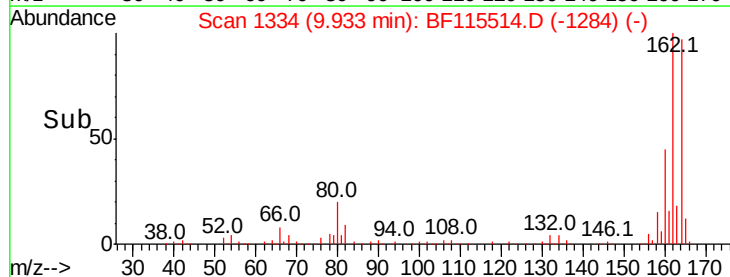
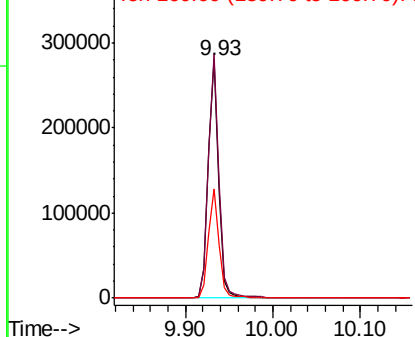


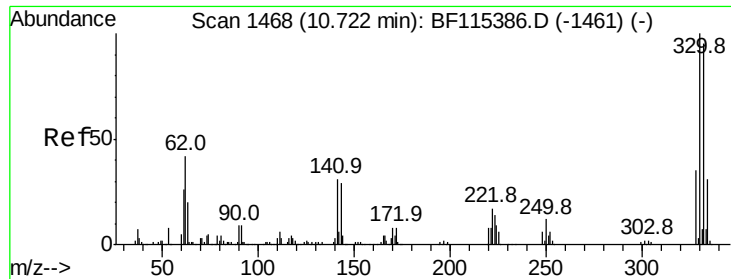
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF115514.D
 Acq: 12 Jul 2019 00:14

Tgt Ion: 164 Resp: 235735
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.3 123.5
 160 45.7 37.2 55.8



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

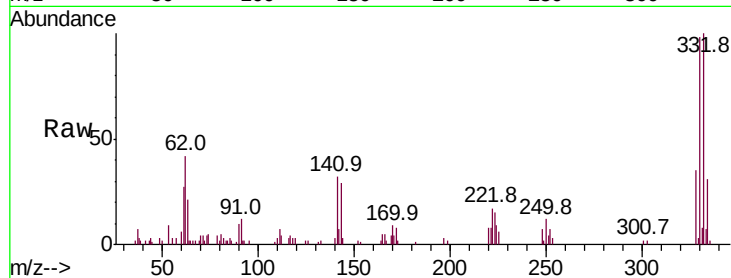




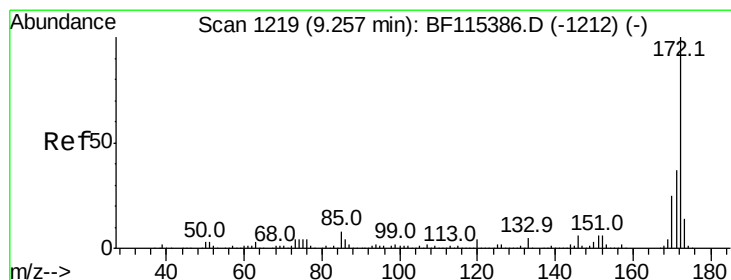
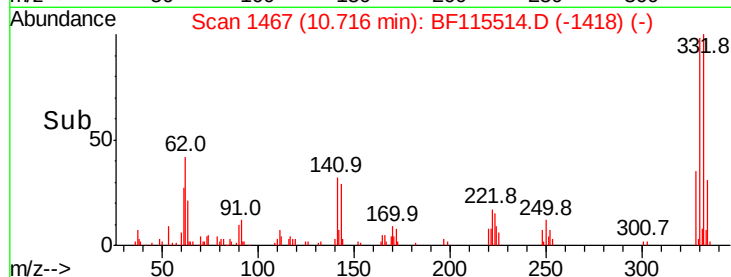
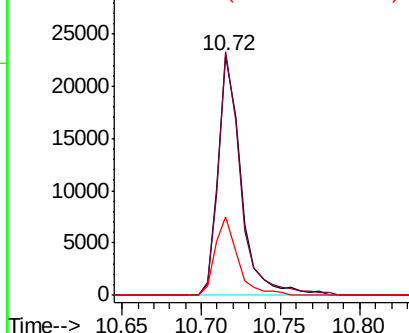
#42
 2,4,6-Tribromophenol
 Concen: 8.866 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115514.D
 Acq: 12 Jul 2019 00:14

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

Tot Ion:330 Resp: 23110
 Ion Ratio Lower Upper
 330 100
 332 99.4 77.4 116.0
 141 31.9 24.7 37.1

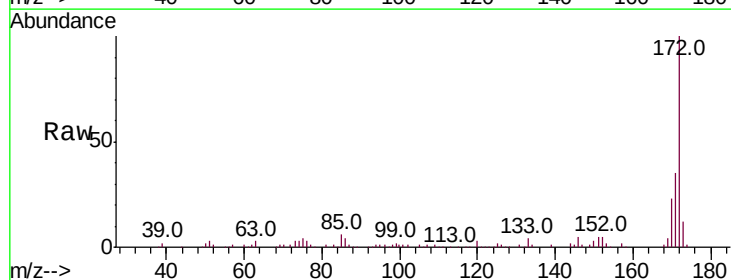


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

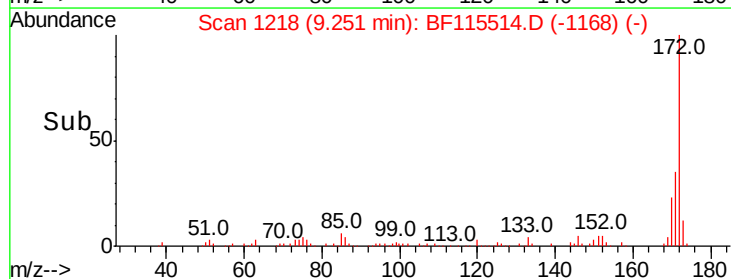
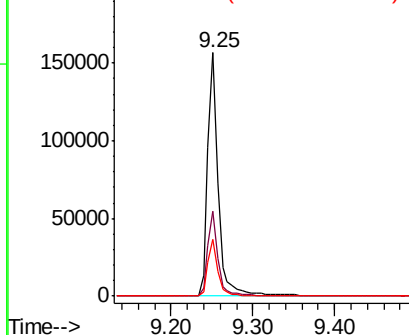


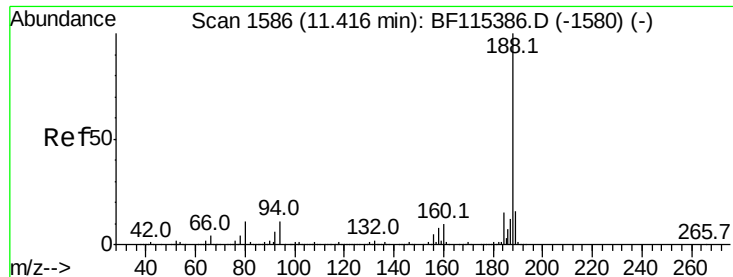
#45
 2-Fluorobiphenyl
 Concen: 10.489 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115514.D
 Acq: 12 Jul 2019 00:14

Tgt Ion:172 Resp: 140911
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.8 44.8
 170 23.2 20.0 30.0



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: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF115514.D

Acq: 12 Jul 2019 00:14

Instrument :

BNA_F

ClientSampleId :

OK-03-071019-B

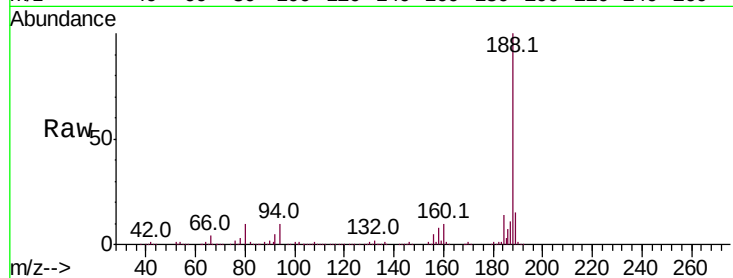
Tot Ion:188 Resp: 411088

Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.8

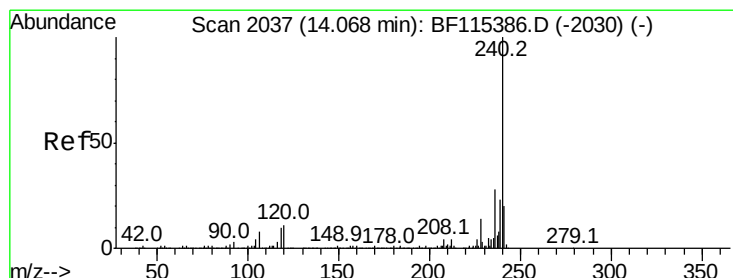
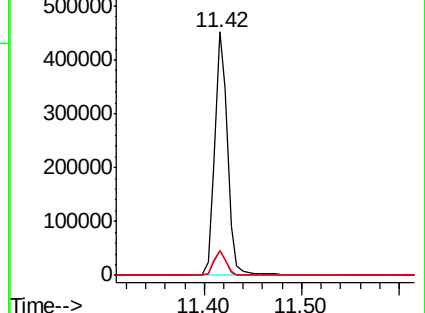
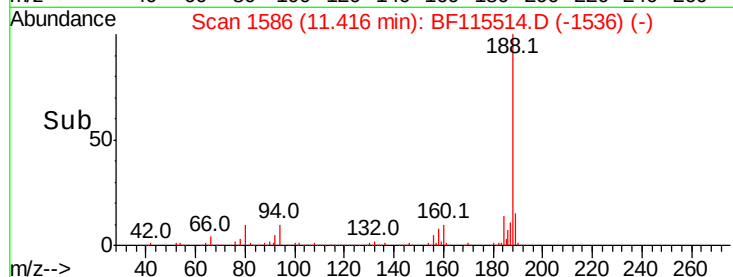
80 10.3 8.4 12.6



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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF115514.D

Acq: 12 Jul 2019 00:14

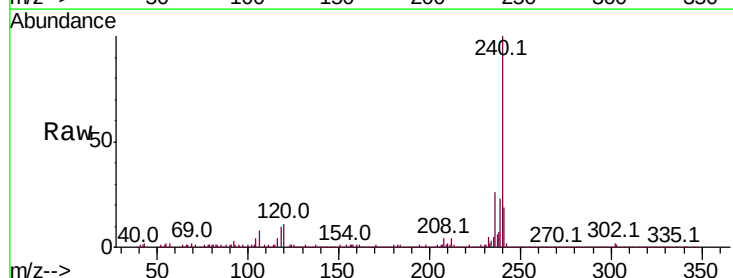
Tgt Ion:240 Resp: 343313

Ion Ratio Lower Upper

240 100

120 10.7 10.2 15.4

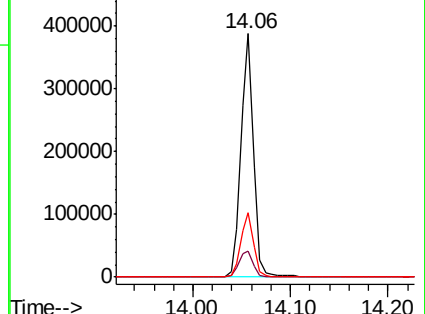
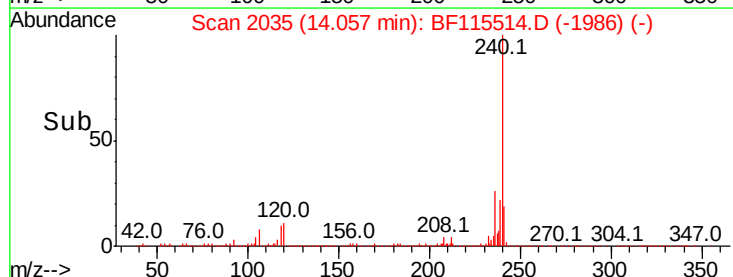
236 26.5 21.1 31.7

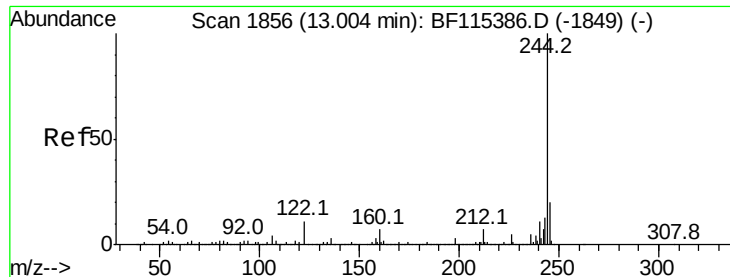


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 8.260 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF115514.D

Acq: 12 Jul 2019 00:14

Instrument :

BNA_F

ClientSampleId :

OK-03-071019-B

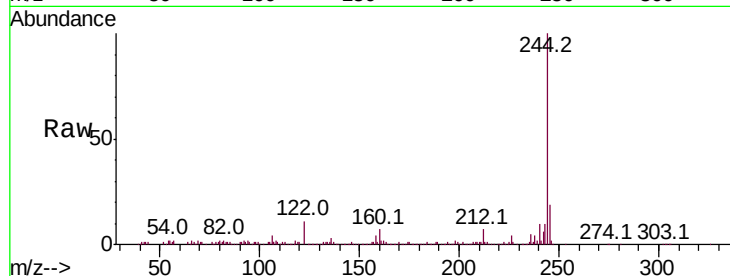
Tot Ion:244 Resp: 138496

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

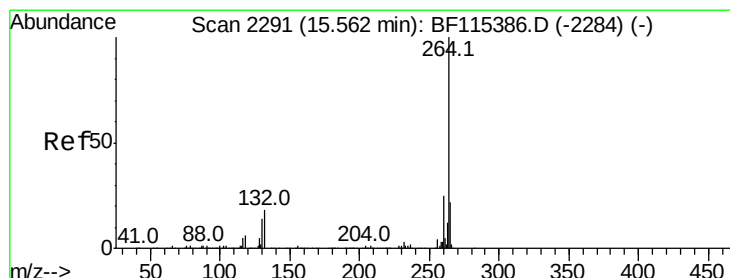
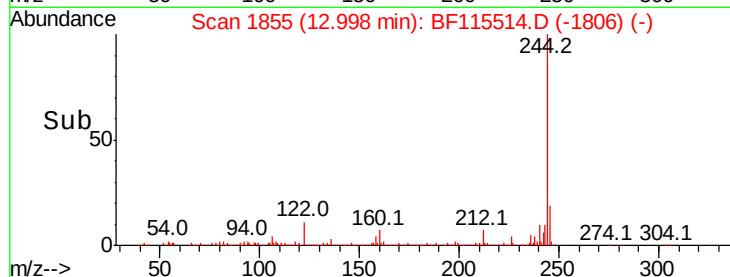
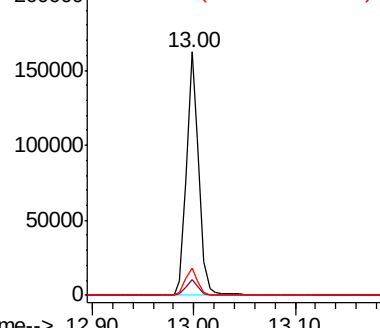
122 11.0 9.1 13.7



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: 15.54 min Scan# 2287

Delta R.T. -0.02 min

Lab File: BF115514.D

Acq: 12 Jul 2019 00:14

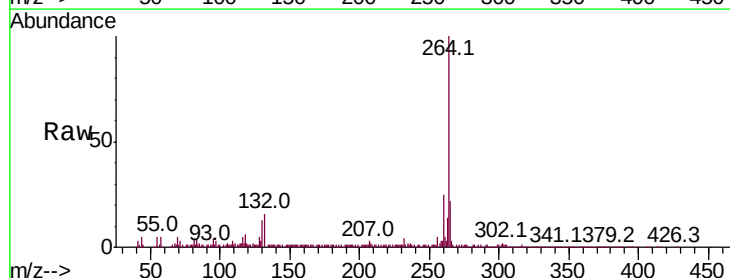
Tgt Ion:264 Resp: 295522

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 21.7 17.8 26.6



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

