

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115544.D
 Acq On : 12 Jul 2019 23:22
 Operator : HP/JU
 Sample : K3768-25
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Jul 13 03:48:22 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

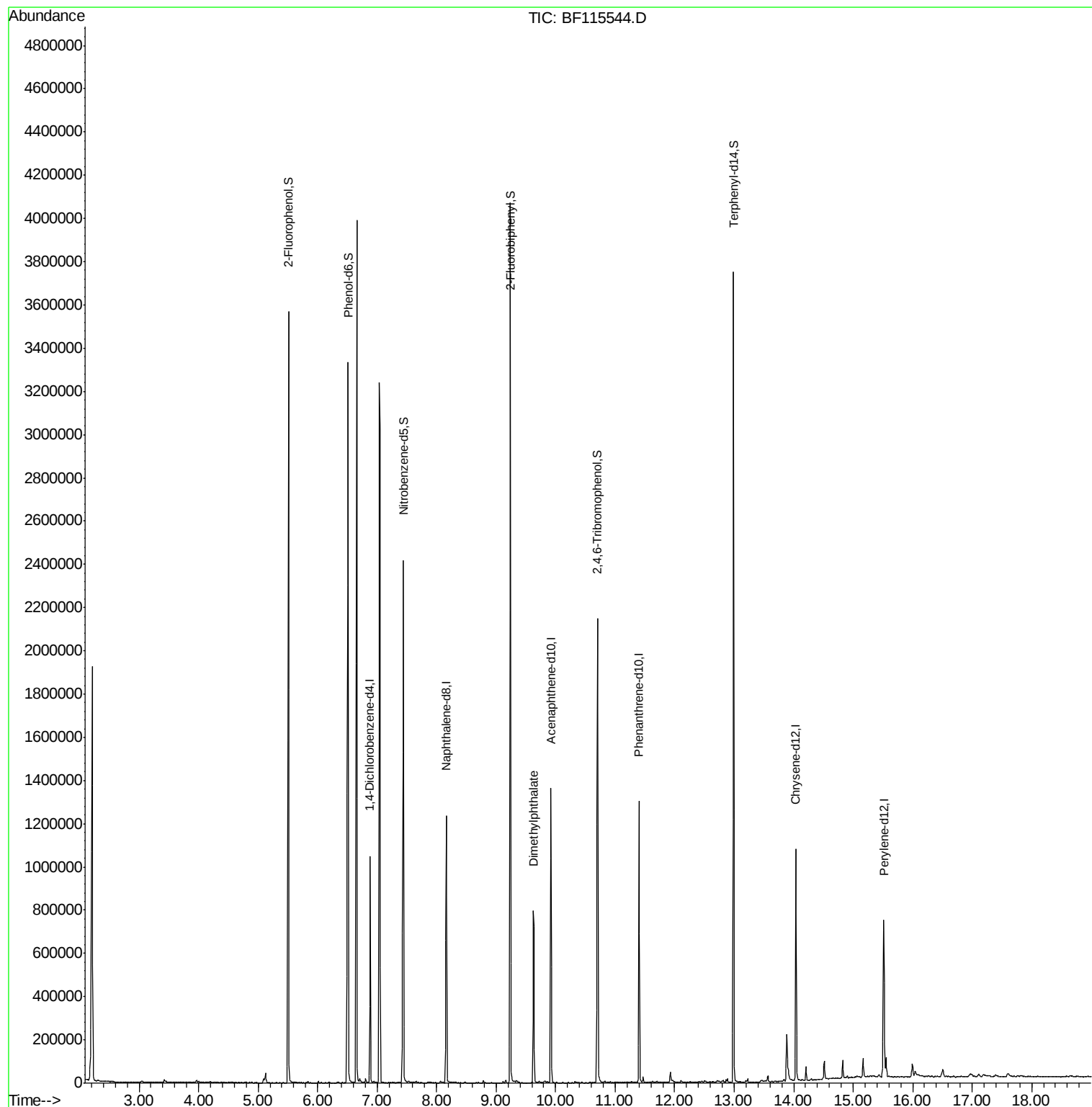
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	151448	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	572629	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	266537	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	449980	20.00	ng	0.00
76) Chrysene-d12	14.04	240	342814	20.00	ng	-0.01
87) Perylene-d12	15.52	264	369492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1122187	121.20	ng	0.00
7) Phenol-d6	6.51	99	1455623	123.90	ng	0.00
23) Nitrobenzene-d5	7.44	82	925808	94.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	290233	93.29	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1391603	91.38	ng	-0.01
79) Terphenyl-d14	12.99	244	1273007	68.52	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	346202	17.264	ng	Qvalue 99

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

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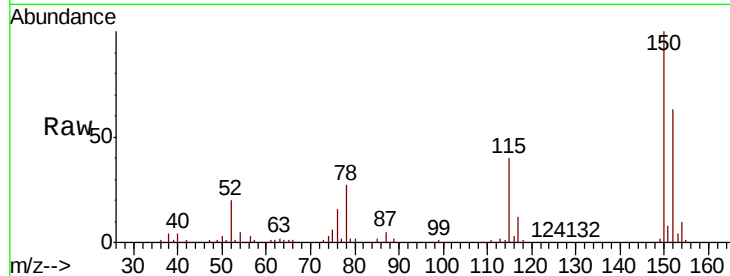


#1

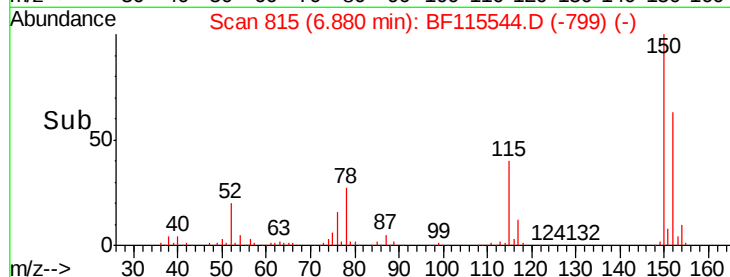
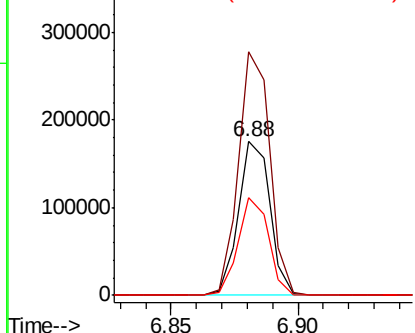
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115544.D
Acq: 12 Jul 2019 23:22

Instrument :
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ClientSampleId :
TP-4

Tot Ion:152 Resp: 151448
Ion Ratio Lower Upper
152 100
150 158.5 129.7 194.5
115 64.0 48.2 72.4



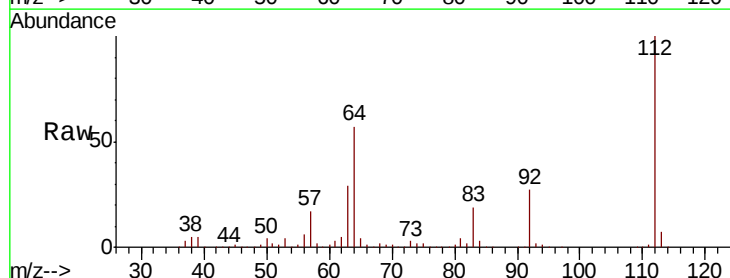
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



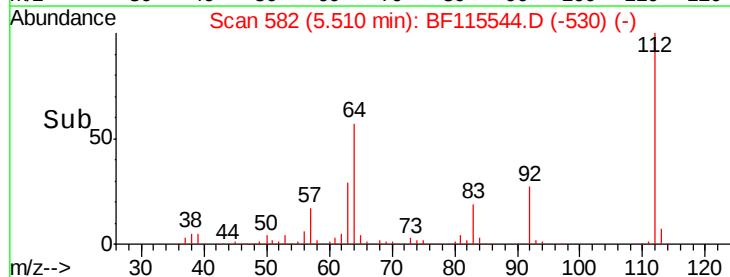
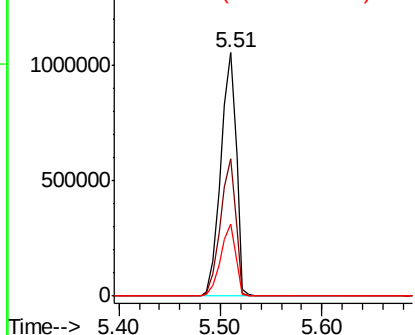
#5

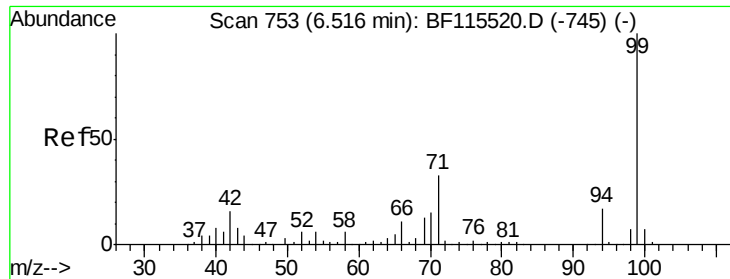
2-Fluorophenol
Concen: 121.201 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115544.D
Acq: 12 Jul 2019 23:22

Tgt Ion:112 Resp: 1122187
Ion Ratio Lower Upper
112 100
64 56.7 46.8 70.2
63 29.4 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: 123.900 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115544.D

Acq: 12 Jul 2019 23:22

Instrument :

BNA_F

ClientSampleId :

TP-4

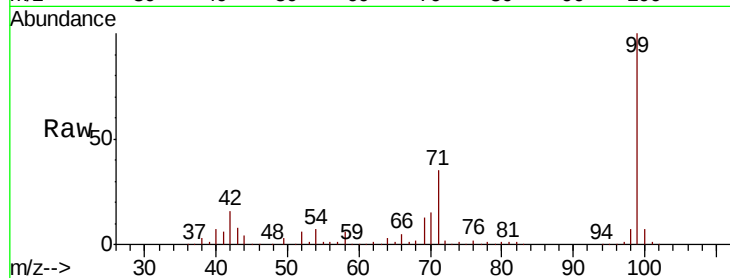
Tot Ion: 99 Resp: 1455623

Ion Ratio Lower Upper

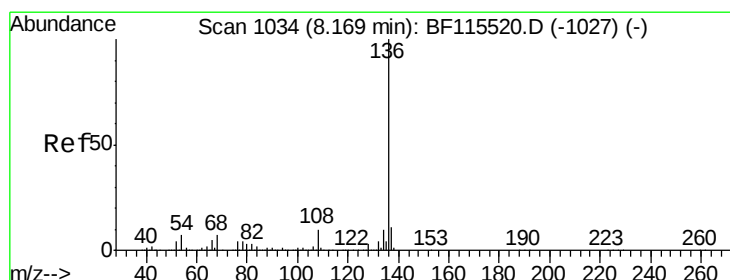
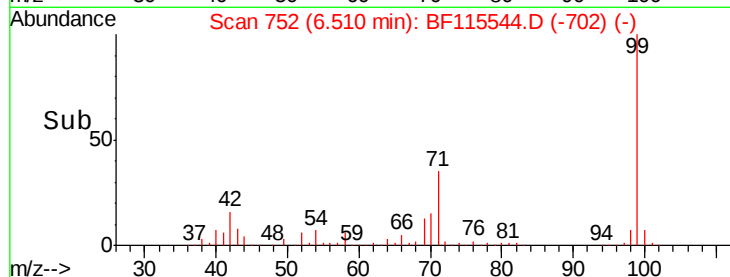
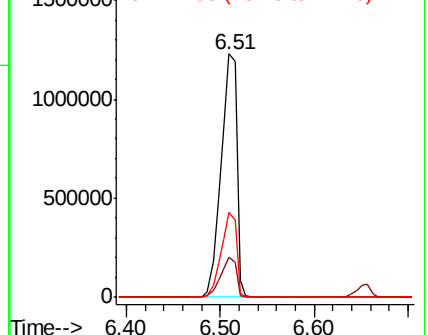
99 100

42 16.4 13.6 20.4

71 34.9 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: BF115544.D

Acq: 12 Jul 2019 23:22

Tgt Ion: 136 Resp: 572629

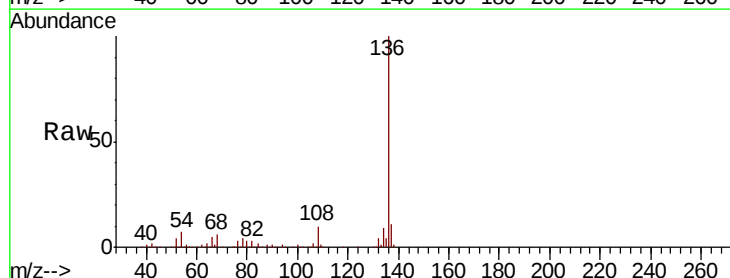
Ion Ratio Lower Upper

136 100

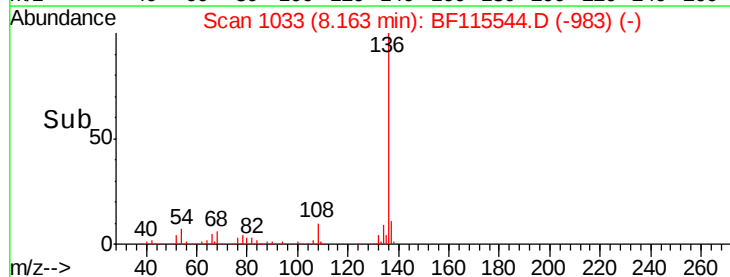
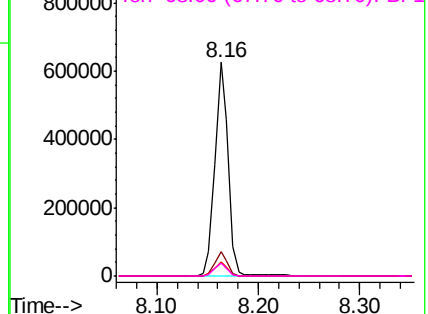
137 11.3 9.0 13.4

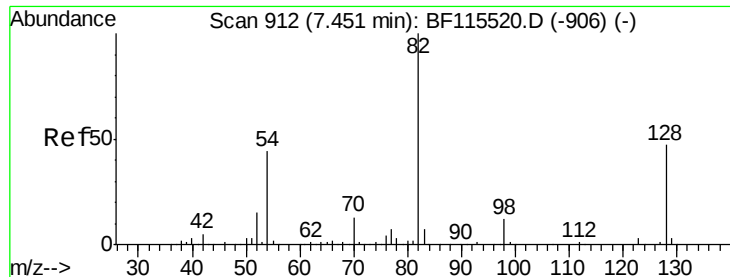
54 6.9 5.6 8.4

68 6.3 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: 94.010 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115544.D

Acq: 12 Jul 2019 23:22

Instrument :

BNA_F

ClientSampled :

TP-4

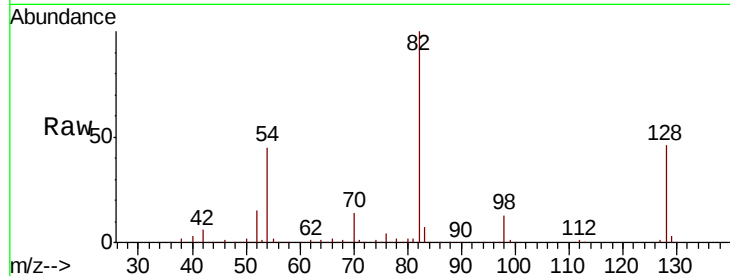
Tot Ion: 82 Resp: 925808

Ion Ratio Lower Upper

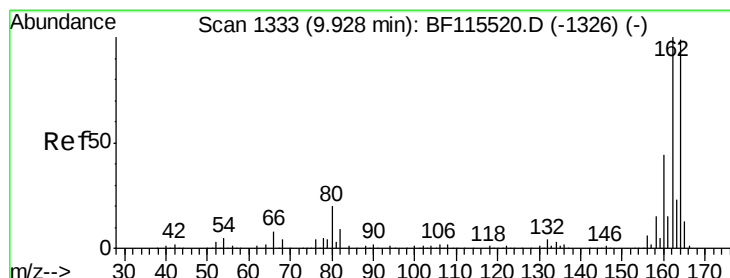
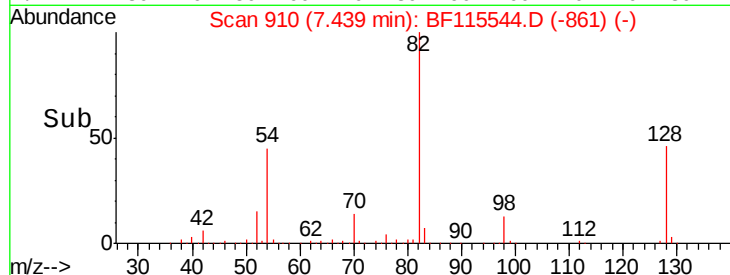
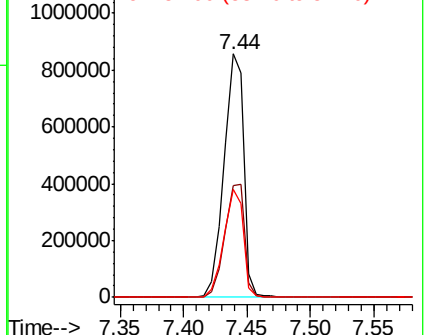
82 100

128 46.0 38.6 57.8

54 44.6 35.6 53.4



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115544.D

Acq: 12 Jul 2019 23:22

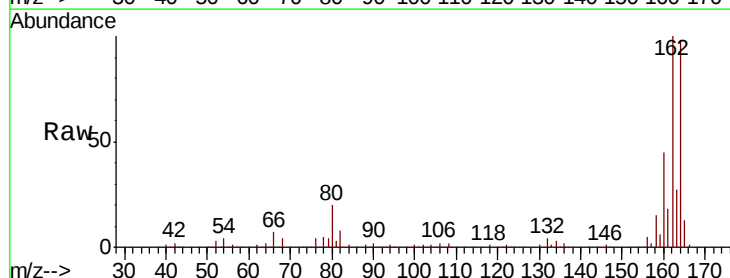
Tgt Ion:164 Resp: 266537

Ion Ratio Lower Upper

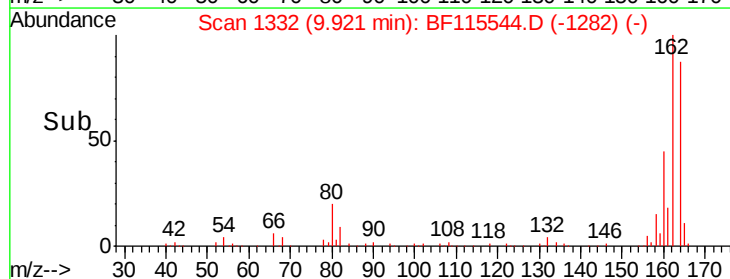
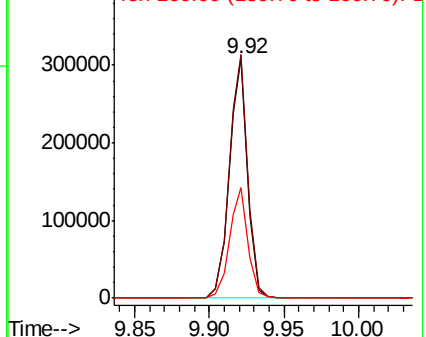
164 100

162 101.7 82.9 124.3

160 45.9 36.8 55.2



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

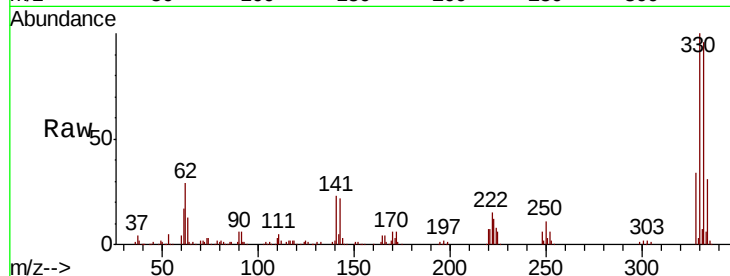




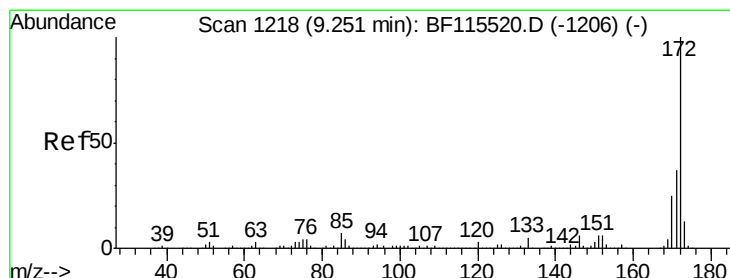
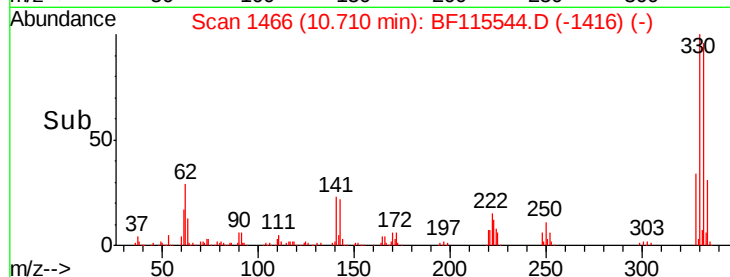
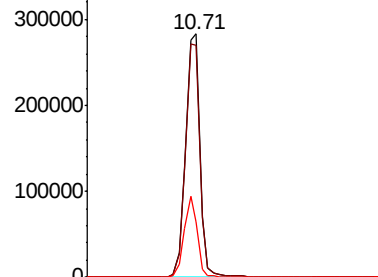
#42
 2,4,6-Tribromophenol
 Concen: 93.289 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115544.D
 Acq: 12 Jul 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	30.8	22.4	33.6

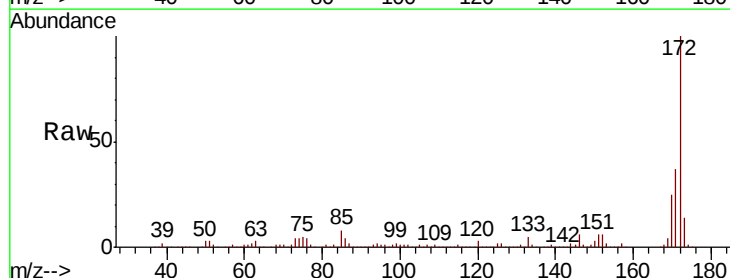


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

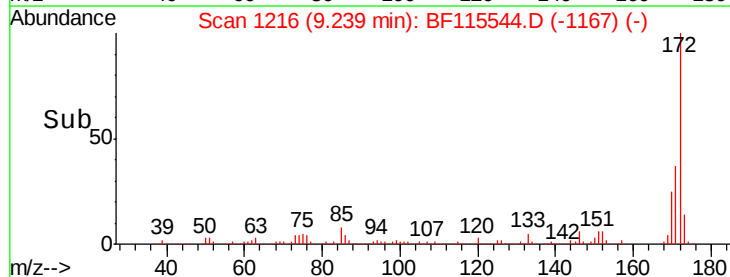
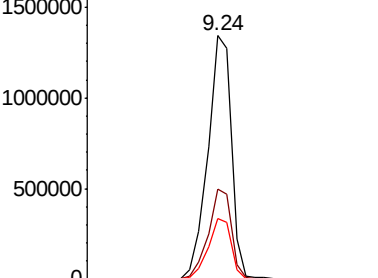


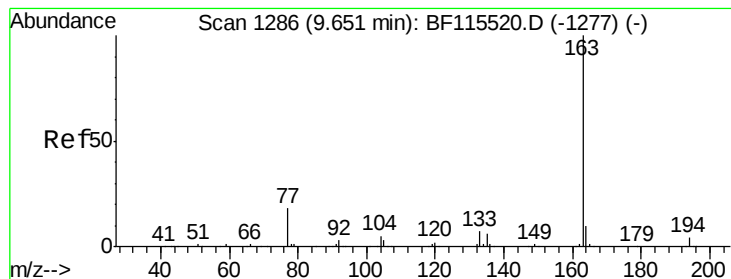
#45
 2-Fluorobiphenyl
 Concen: 91.383 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115544.D
 Acq: 12 Jul 2019 23:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	46.0
170	24.9	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





#50

Dimethylphthalate

Concen: 17.264 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF115544.D

Acq: 12 Jul 2019 23:22

Instrument :

BNA_F

ClientSampleId :

TP-4

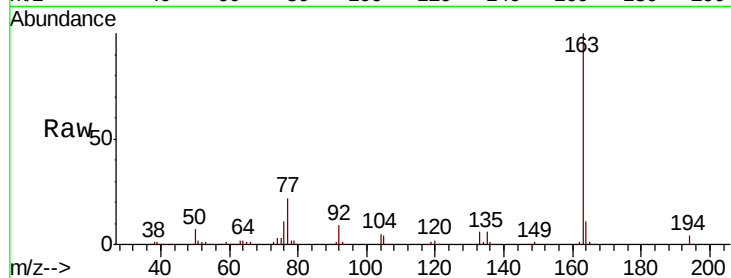
Tot Ion:163 Resp: 346202

Ion Ratio Lower Upper

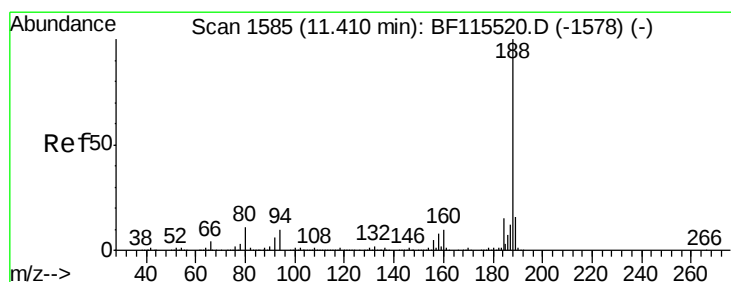
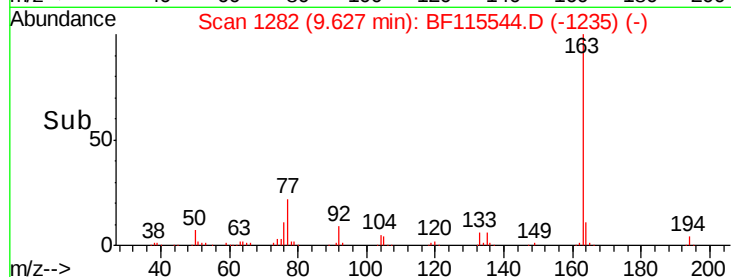
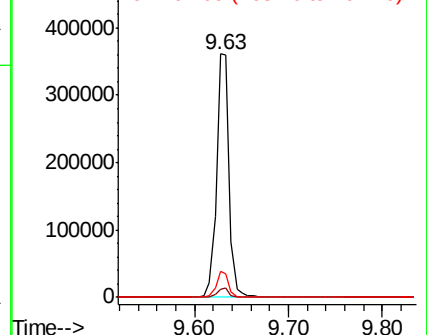
163 100

194 3.5 3.3 4.9

164 10.6 8.7 13.1



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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115544.D

Acq: 12 Jul 2019 23:22

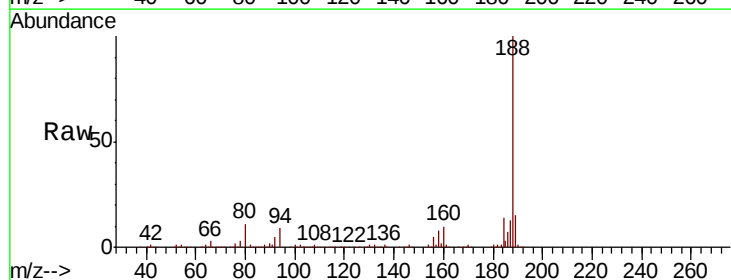
Tgt Ion:188 Resp: 449980

Ion Ratio Lower Upper

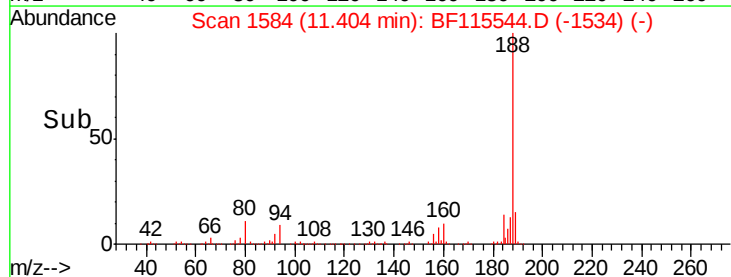
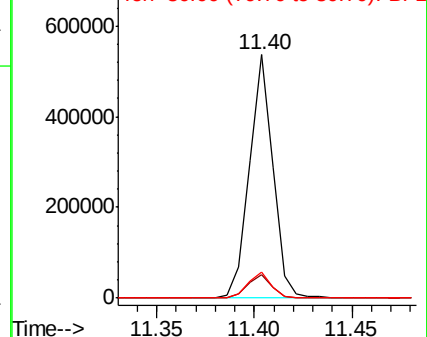
188 100

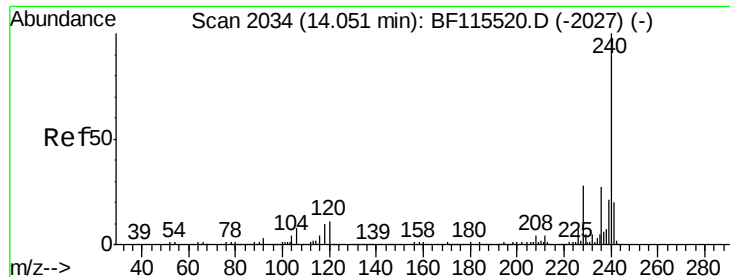
94 9.4 7.8 11.6

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

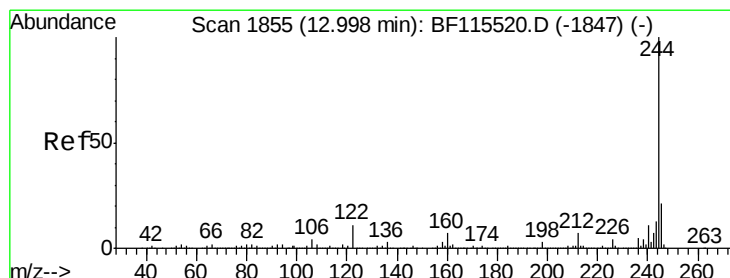
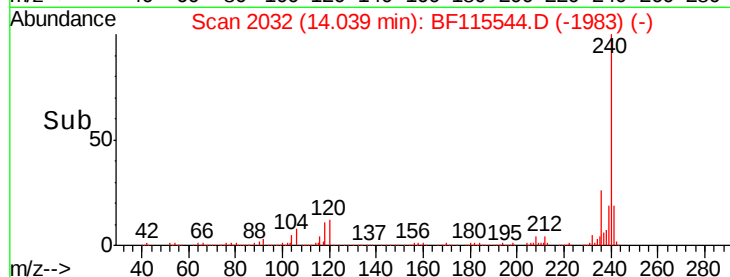
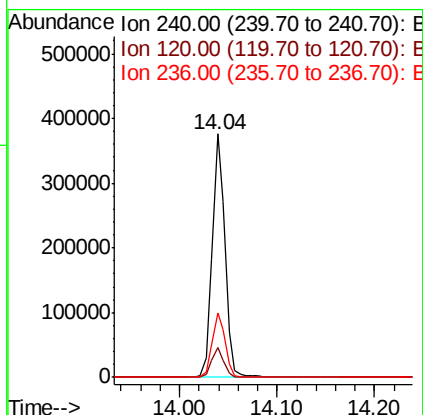
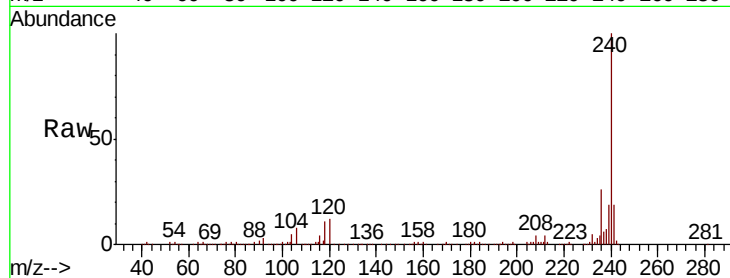




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115544.D
 Acq: 12 Jul 2019 23:22

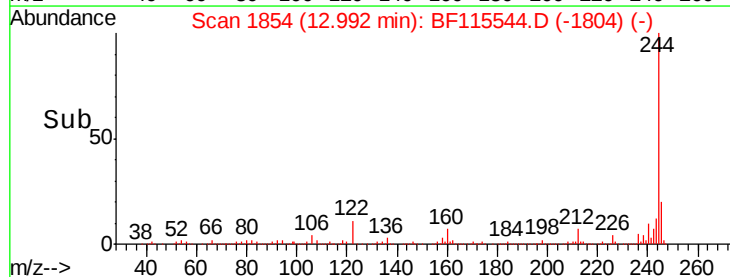
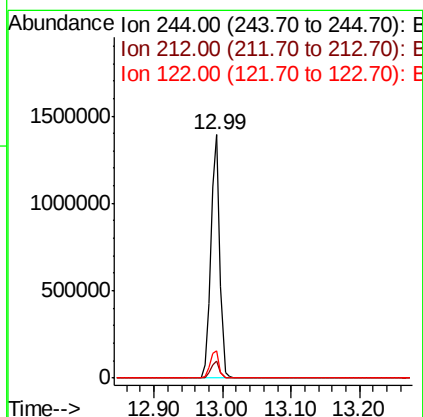
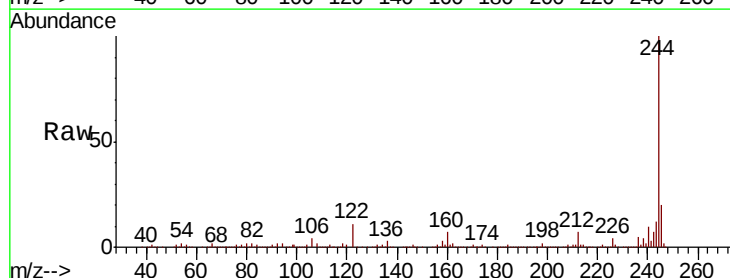
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

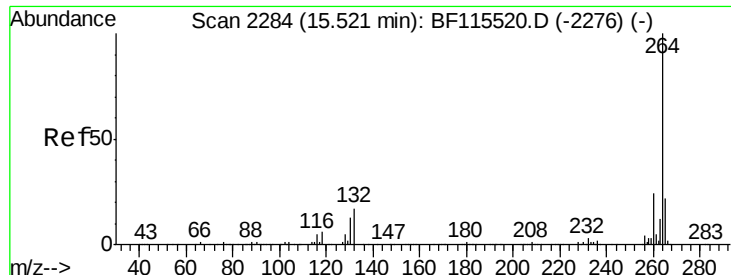
Tot Ion:240 Resp: 342814
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.6 13.0
 236 26.4 21.3 31.9



#79
 Terphenyl-d14
 Concen: 68.519 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115544.D
 Acq: 12 Jul 2019 23:22

Tgt Ion:244 Resp: 1273007
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 11.0 8.6 12.8

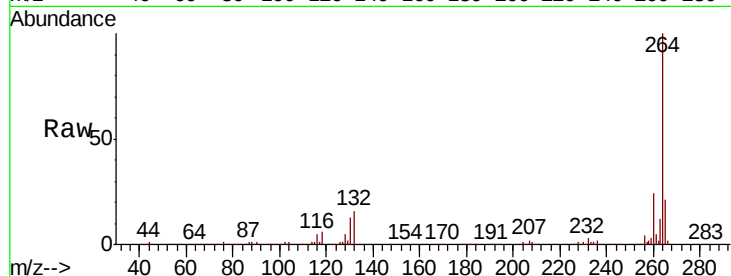




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF115544.D
 Acq: 12 Jul 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.8
265	20.7	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

