

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117054.D
 Acq On : 16 Sep 2019 11:18
 Operator : HP/JU
 Sample : K4663-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-091119

Quant Time: Sep 16 15:04:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	69560	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	278427	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	142035	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	236793	20.00	ng	0.00
76) Chrysene-d12	13.96	240	189544	20.00	ng	-0.01
87) Perylene-d12	15.42	264	176244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	442059	99.22	ng	0.01
7) Phenol-d6	6.46	99	545669	94.77	ng	0.00
23) Nitrobenzene-d5	7.38	82	409900	77.35	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	149785	126.18	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	718908	79.14	ng	0.00
79) Terphenyl-d14	12.92	244	753479	74.31	ng	0.00

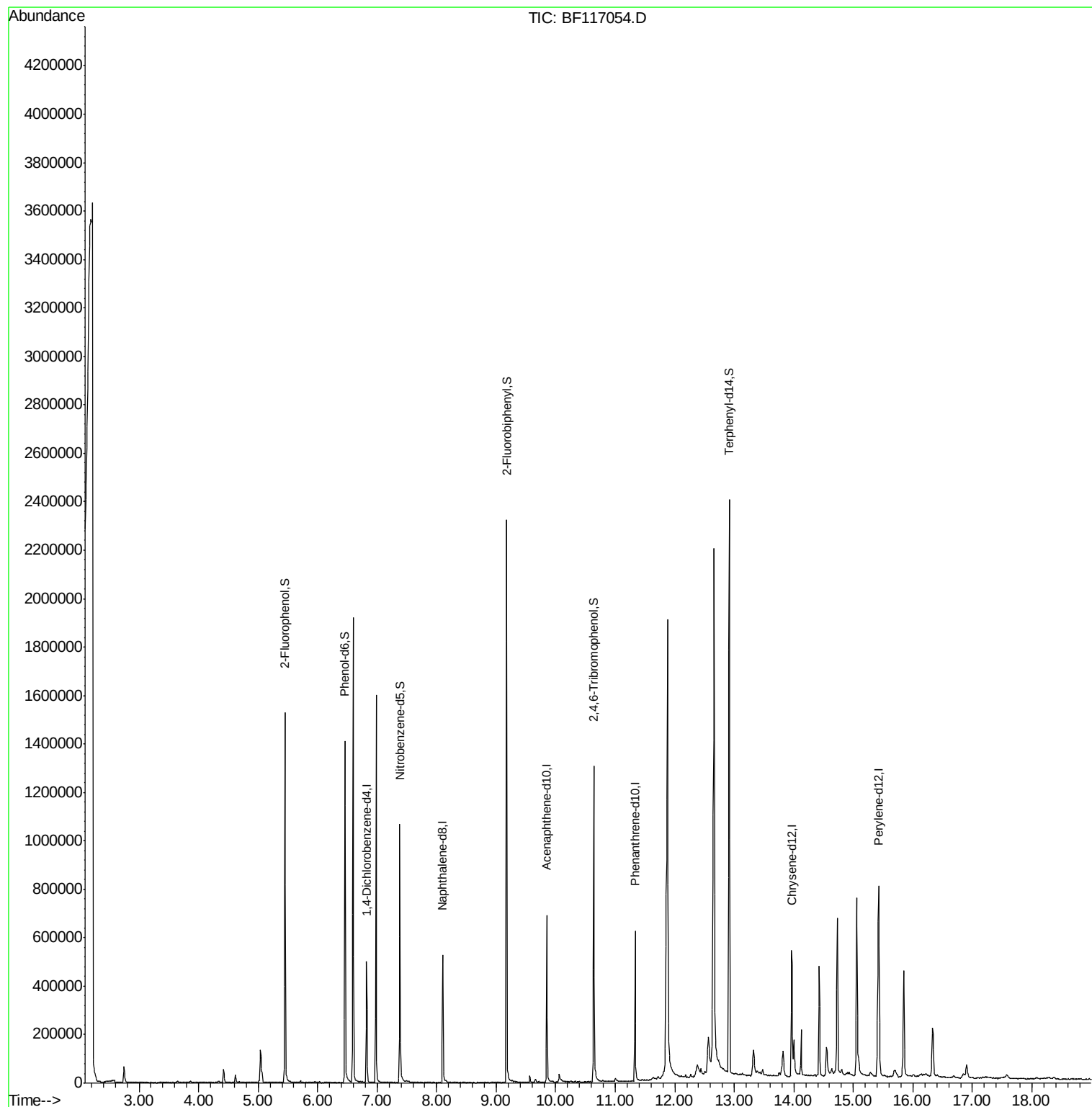
Target Compounds Qvalue

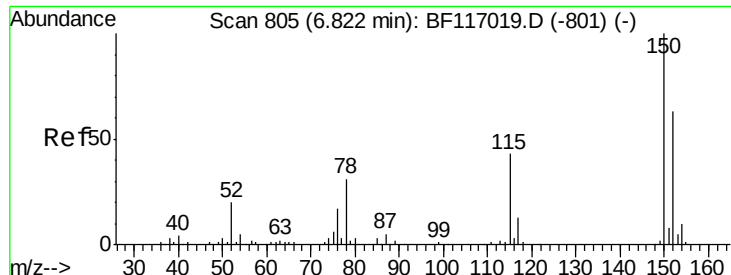
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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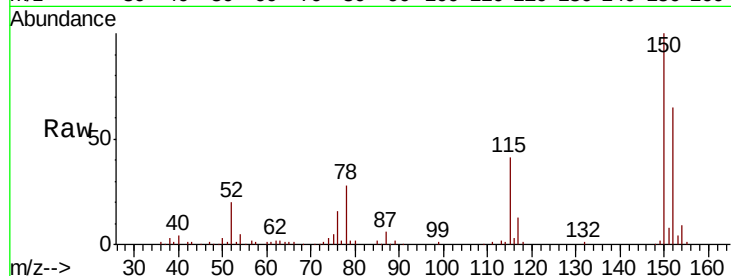


#1

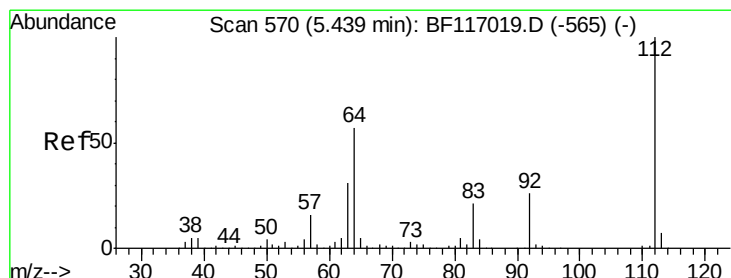
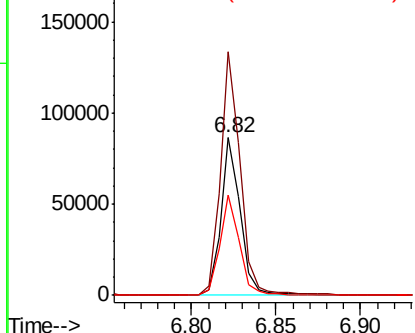
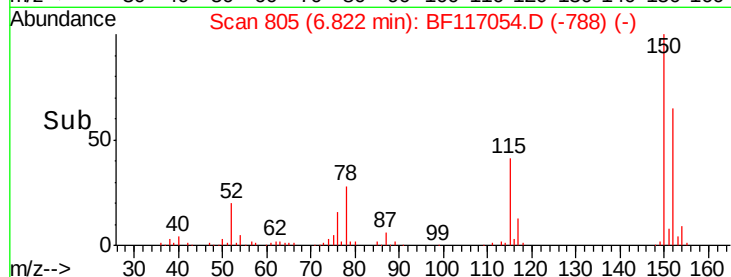
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117054.D
Acq: 16 Sep 2019 11:18

Instrument :
BNA_F
ClientSampleId :
OK-01-091119

Tot Ion:152 Resp: 69560
Ion Ratio Lower Upper
152 100
150 154.8 127.5 191.3
115 63.9 55.0 82.4



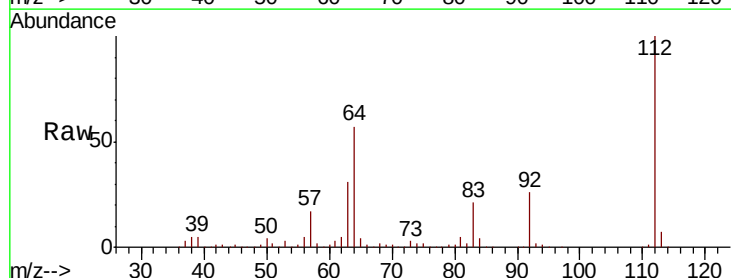
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



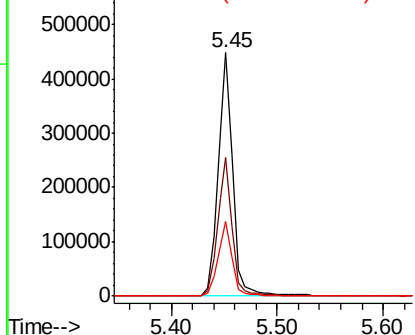
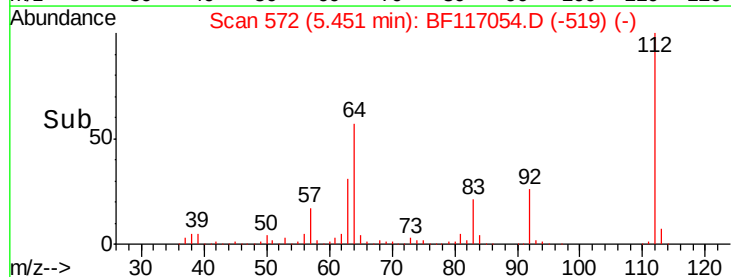
#5

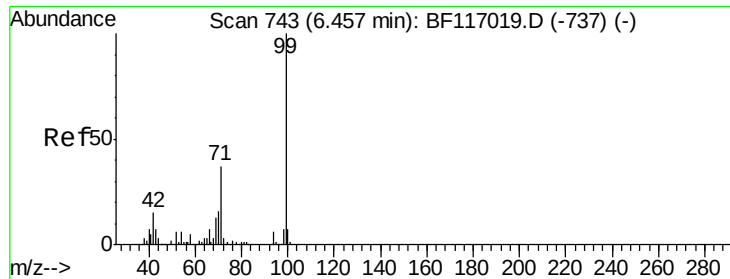
2-Fluorophenol
Concen: 99.218 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF117054.D
Acq: 16 Sep 2019 11:18

Tgt Ion:112 Resp: 442059
Ion Ratio Lower Upper
112 100
64 57.2 45.7 68.5
63 30.7 24.9 37.3



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: 94.767 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117054.D

Acq: 16 Sep 2019 11:18

Instrument :

BNA_F

ClientSampleId :

OK-01-091119

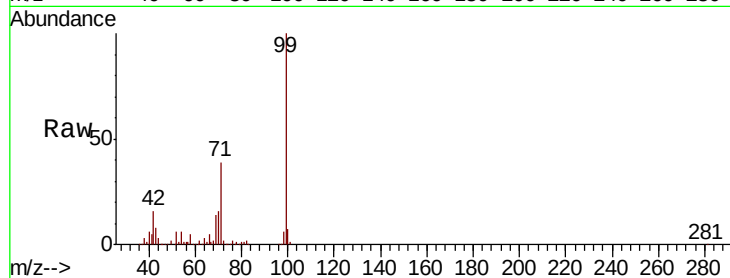
Tot Ion: 99 Resp: 545669

Ion Ratio Lower Upper

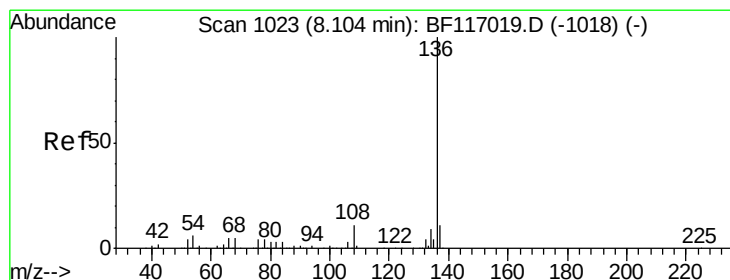
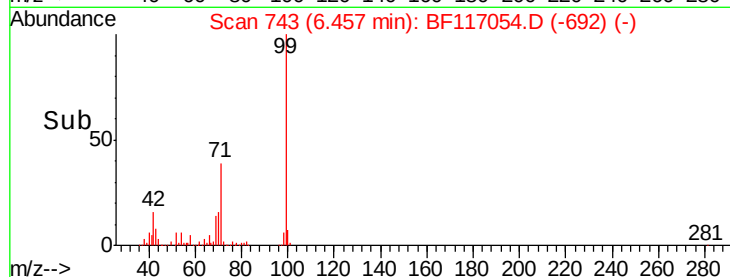
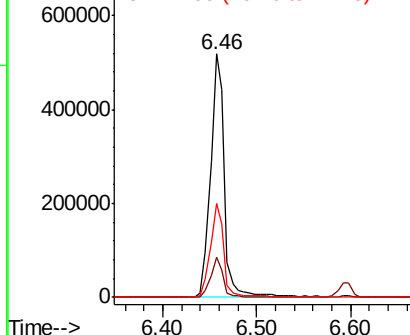
99 100

42 16.3 12.2 18.2

71 38.7 29.8 44.8



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF117054.D

Acq: 16 Sep 2019 11:18

Tgt Ion: 136 Resp: 278427

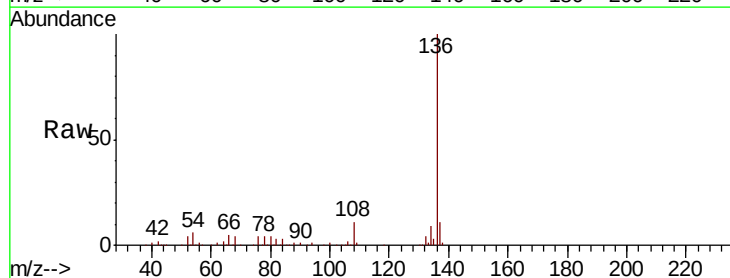
Ion Ratio Lower Upper

136 100

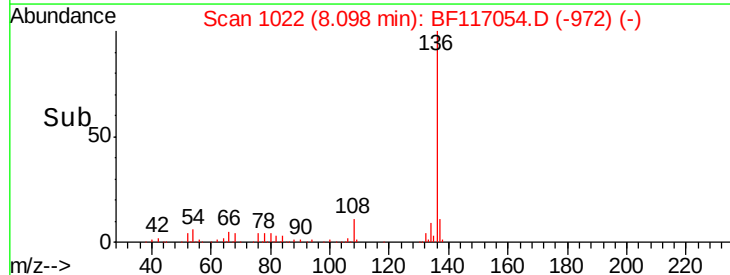
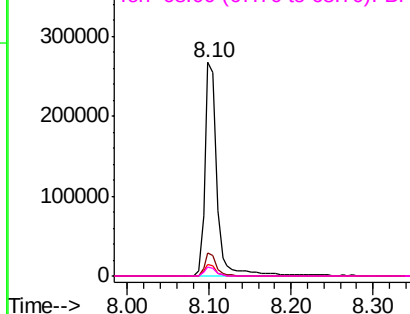
137 10.8 9.0 13.4

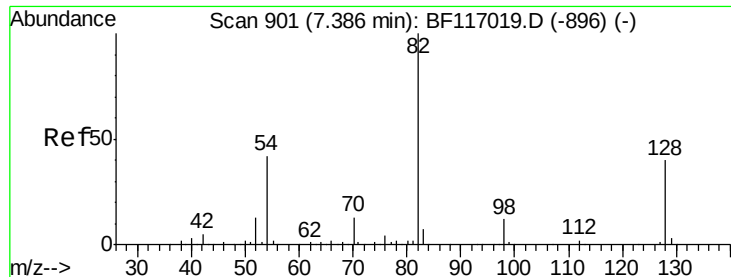
54 5.5 4.5 6.7

68 4.4 4.0 6.0



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

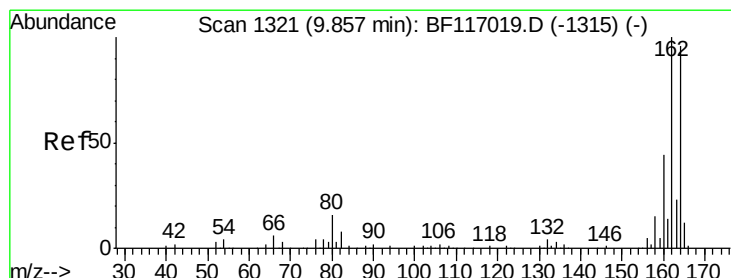
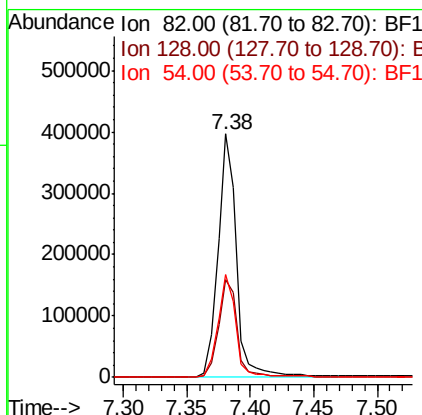
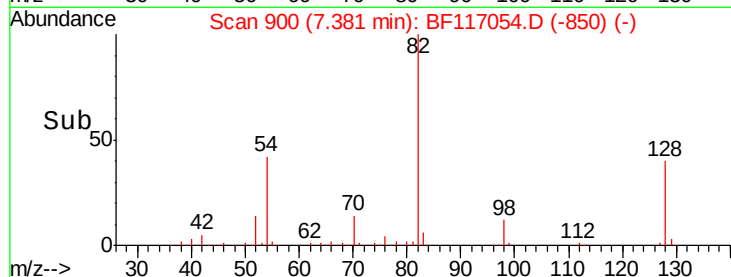
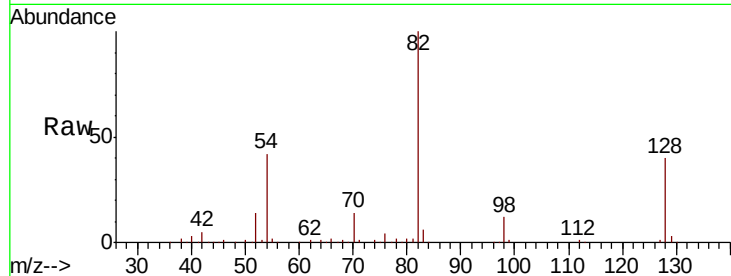




#23
 Nitrobenzene-d5
 Concen: 77.353 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117054.D
 Acq: 16 Sep 2019 11:18

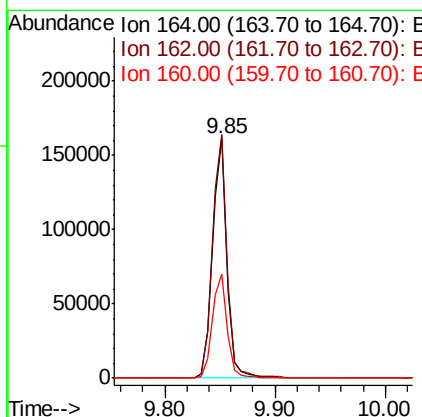
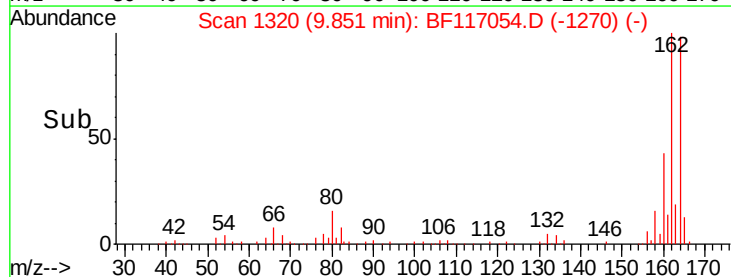
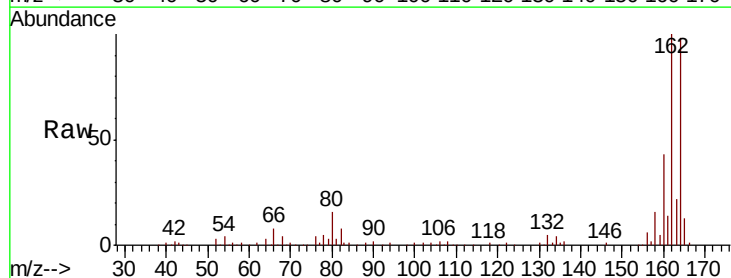
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-091119

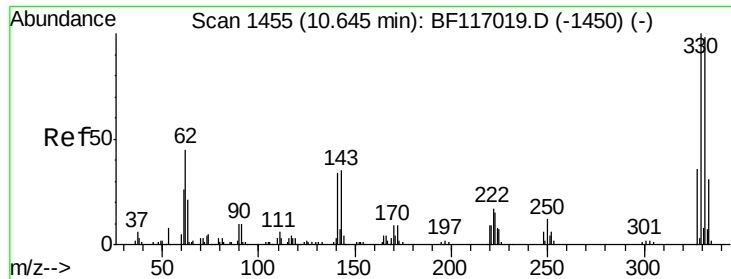
Tot Ion	82	Resp	409900
Ion Ratio	100	Lower	Upper
128	40.3	32.3	48.5
54	42.1	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117054.D
 Acq: 16 Sep 2019 11:18

Tgt Ion	164	Resp	142035
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	101.8	83.4	125.2
160	43.3	36.4	54.6

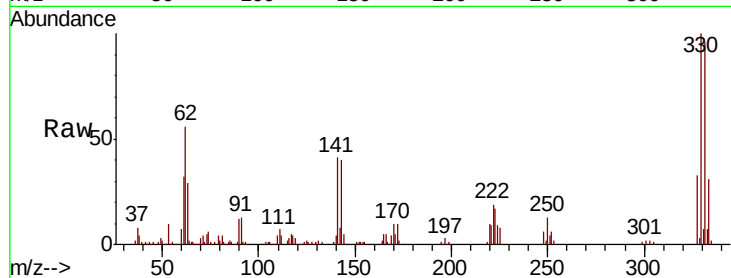




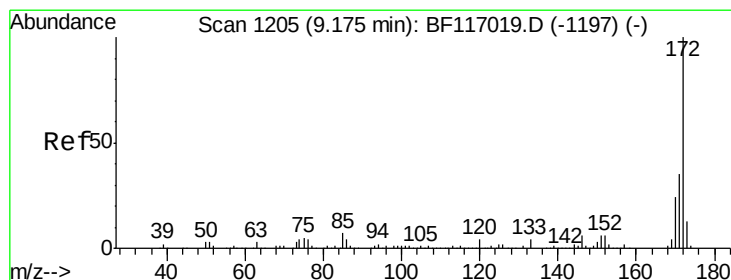
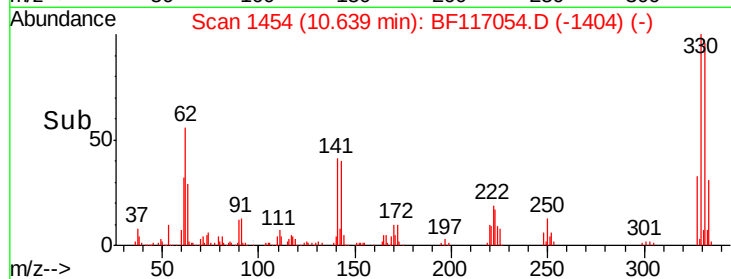
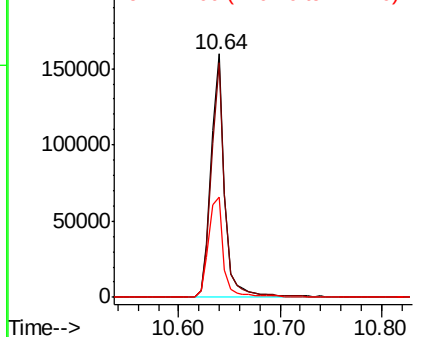
#42
 2,4,6-Tribromophenol
 Concen: 126.179 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117054.D
 Acq: 16 Sep 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-091119

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	46.2	35.8	53.6

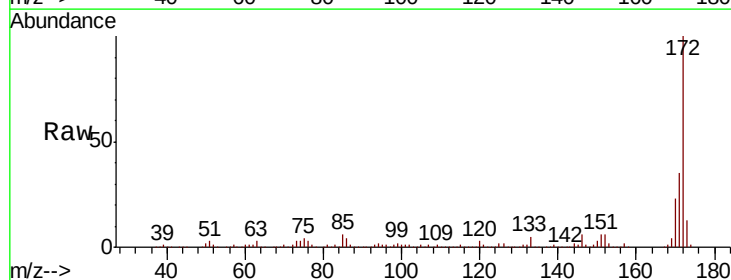


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

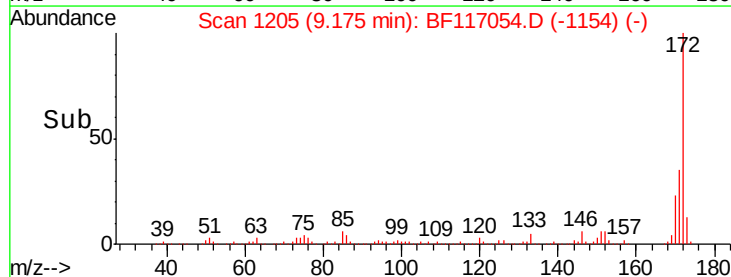
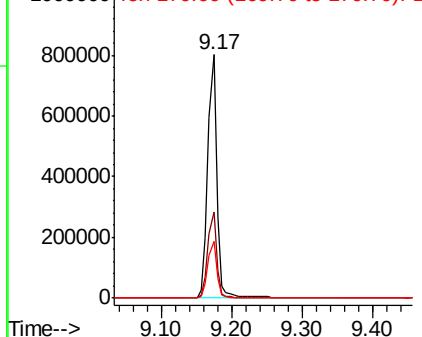


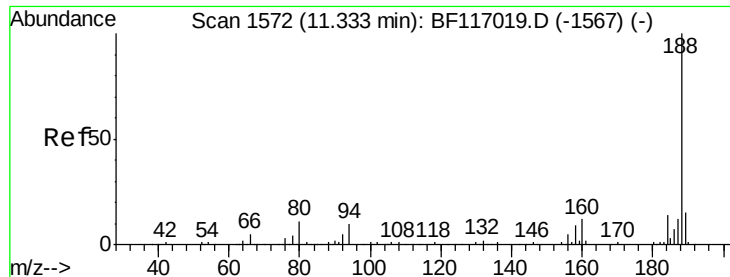
#45
 2-Fluorobiphenyl
 Concen: 79.140 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117054.D
 Acq: 16 Sep 2019 11:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.3	18.9	28.3



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

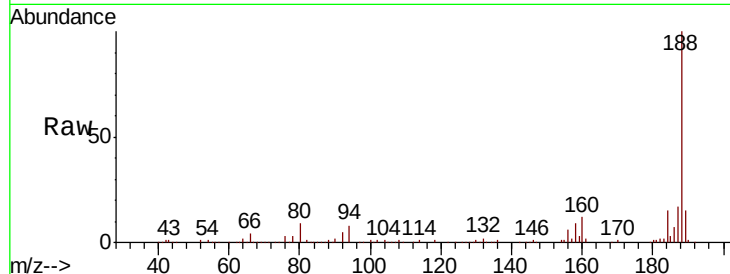




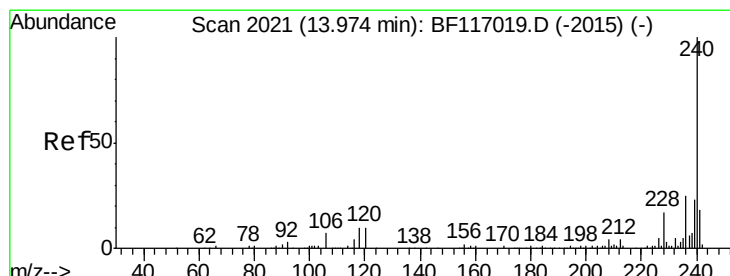
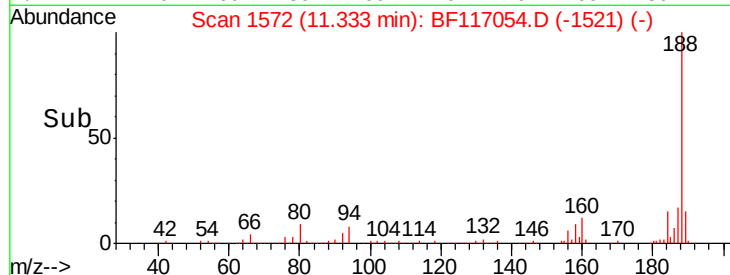
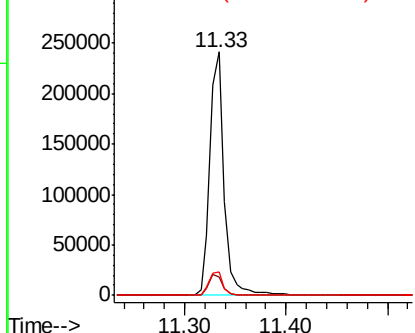
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117054.D
Acq: 16 Sep 2019 11:18

Instrument :
BNA_F
ClientSampleId :
OK-01-091119

Tot Ion:188 Resp: 236793
Ion Ratio Lower Upper
188 100
94 7.6 8.2 12.2#
80 9.4 9.0 13.6

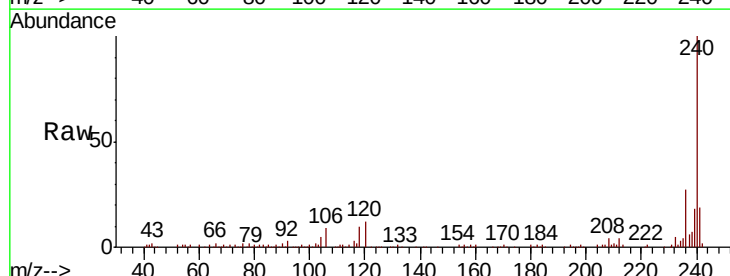


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

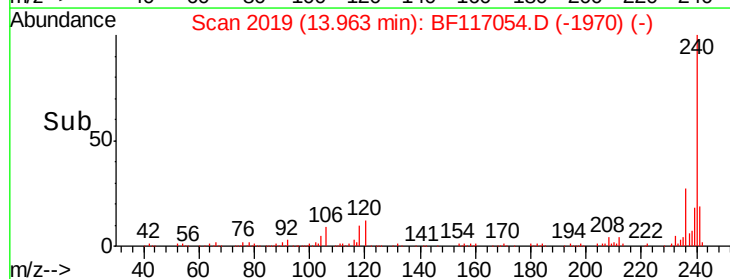
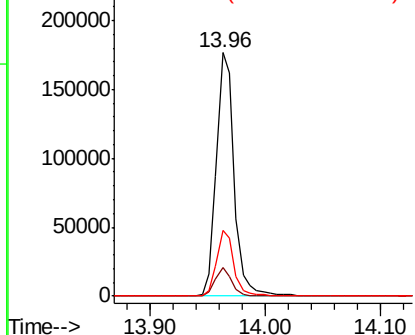


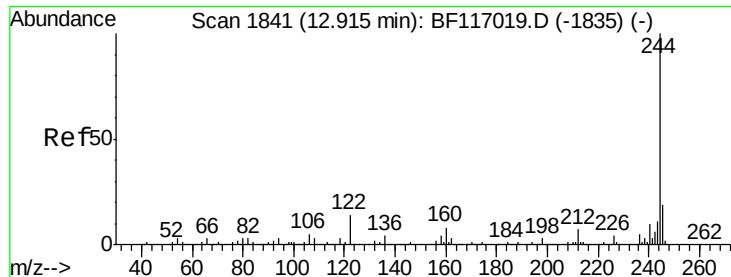
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117054.D
Acq: 16 Sep 2019 11:18

Tgt Ion:240 Resp: 189544
Ion Ratio Lower Upper
240 100
120 11.5 8.3 12.5
236 27.2 20.3 30.5



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

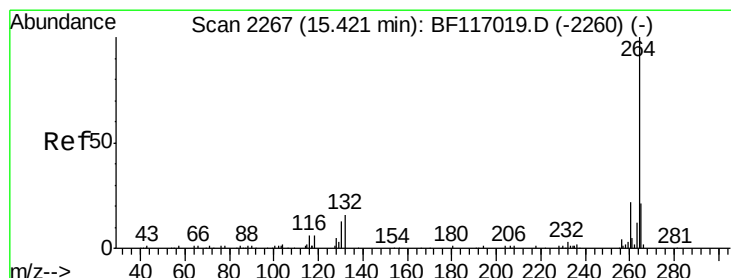
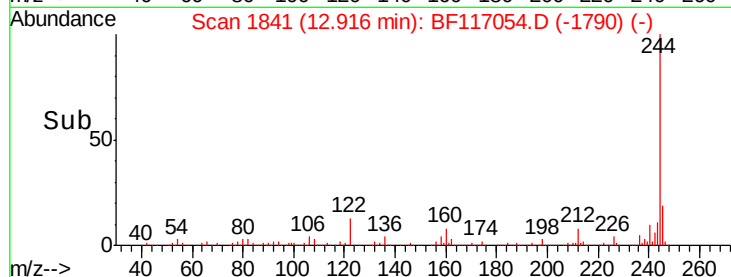
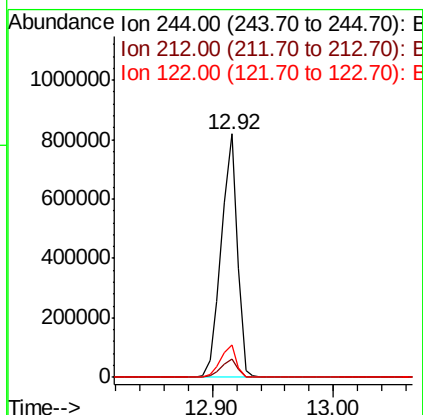
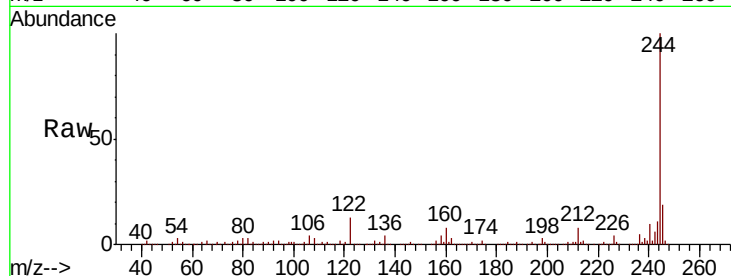




#79
 Terphenyl-d14
 Concen: 74.306 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117054.D
 Acq: 16 Sep 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-091119

Tot Ion:244 Resp: 753479
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 13.1 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117054.D
 Acq: 16 Sep 2019 11:18

Tgt Ion:264 Resp: 176244
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.6 26.4
 265 20.2 16.6 24.8

