

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
 Data File : BF114011.D
 Acq On : 26 Apr 2019 15:44
 Operator : JU/SJ
 Sample : PB119228BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119228BL

Quant Time: Apr 27 01:08:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	142625	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	537635	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	286958	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	604858	20.00	ng	0.00
76) Chrysene-d12	14.06	240	478760	20.00	ng	-0.01
87) Perylene-d12	15.54	264	407916	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	811943	97.37	ng	0.01
7) Phenol-d6	6.52	99	1060458	101.36	ng	0.00
23) Nitrobenzene-d5	7.45	82	643588	73.91	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	364375	104.23	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1368626	74.60	ng	0.00
79) Terphenyl-d14	13.00	244	1666255	71.35	ng	0.00

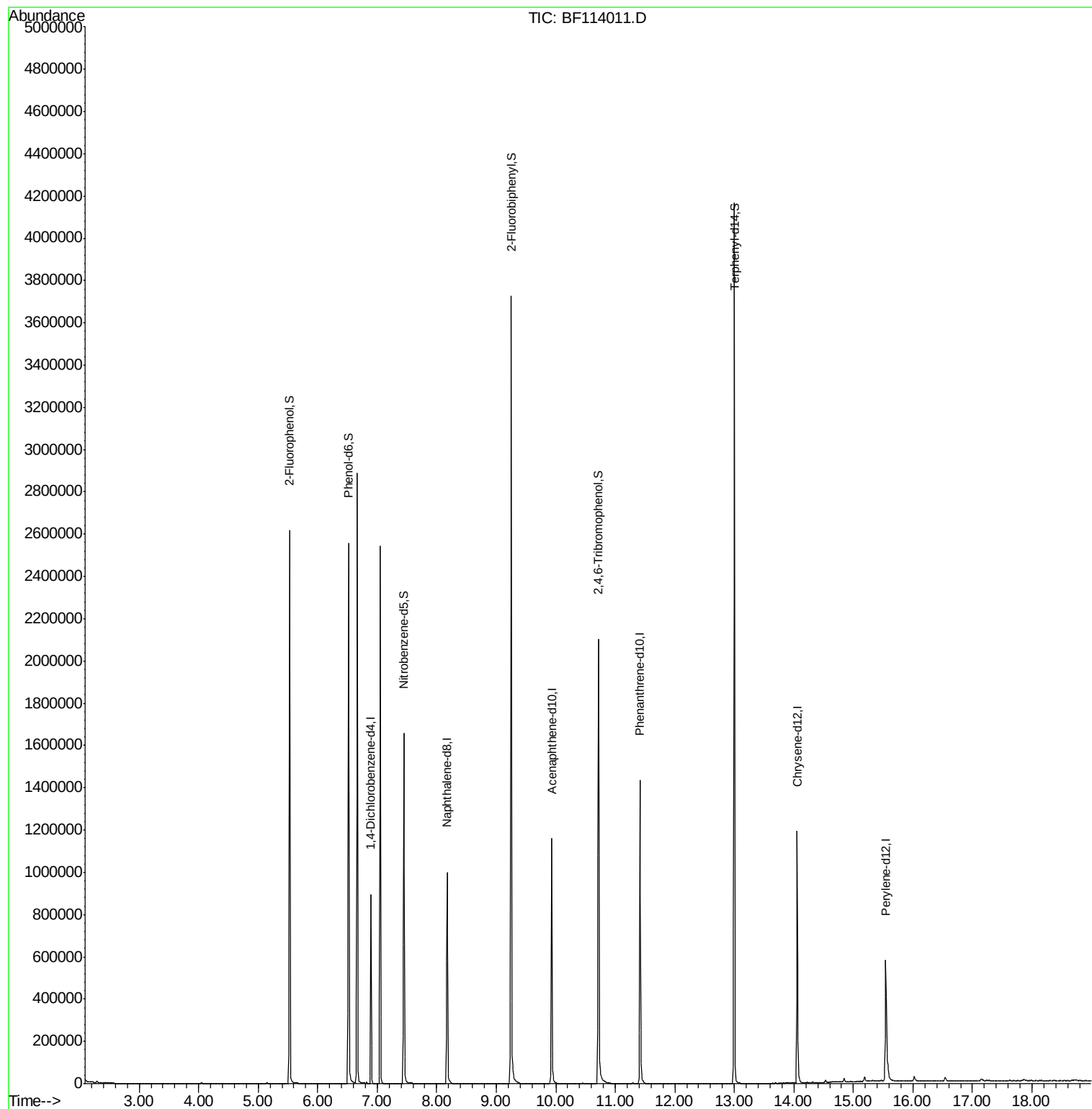
Target Compounds	Qvalue
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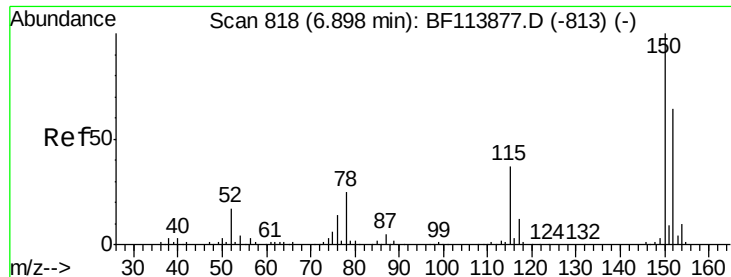
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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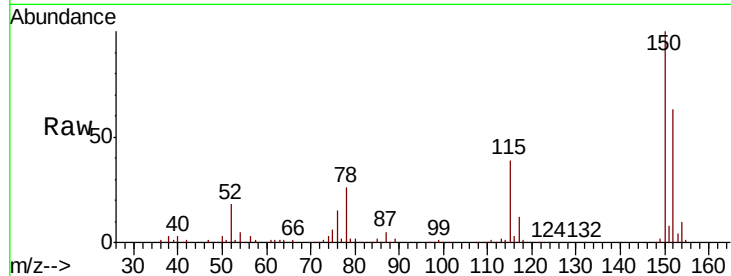


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF114011.D
 Acq: 26 Apr 2019 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB119228BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.7	125.9	188.9
115	61.3	45.9	68.9

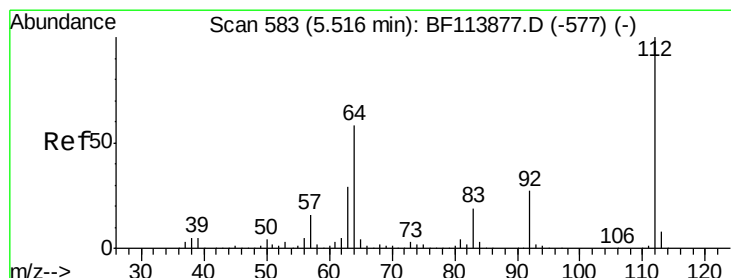
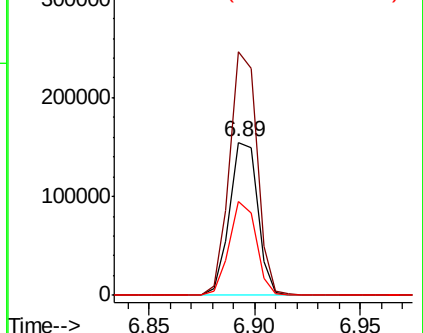
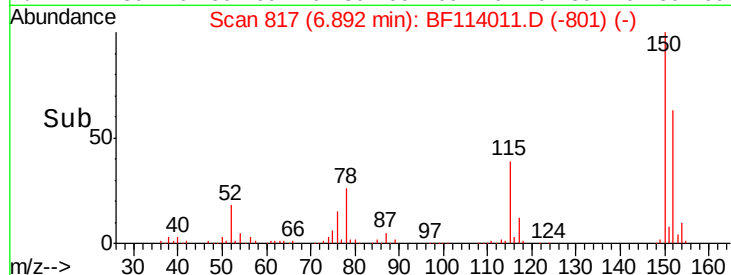


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

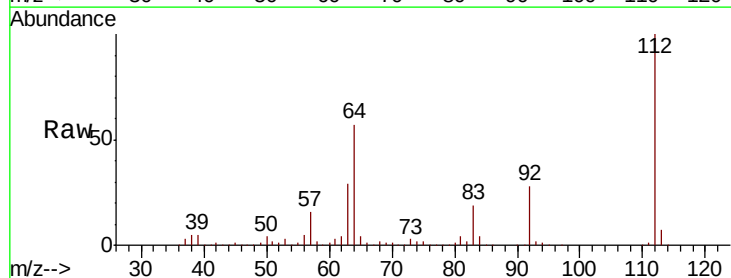
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 97.368 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF114011.D
 Acq: 26 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.6	69.8
63	29.1	23.1	34.7

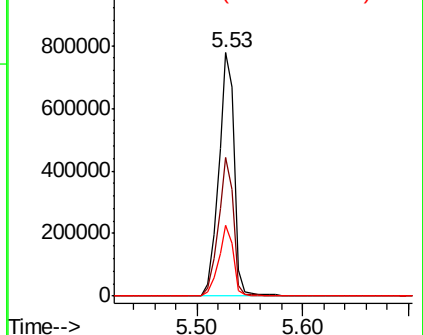
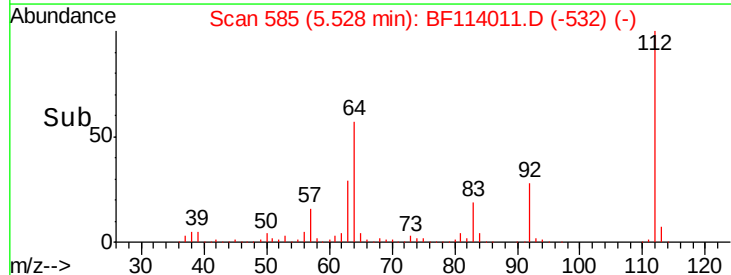


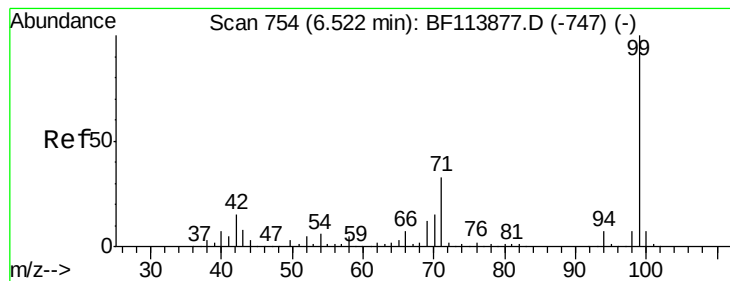
Abundance

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: 101.361 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF114011.D

Acq: 26 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

PB119228BL

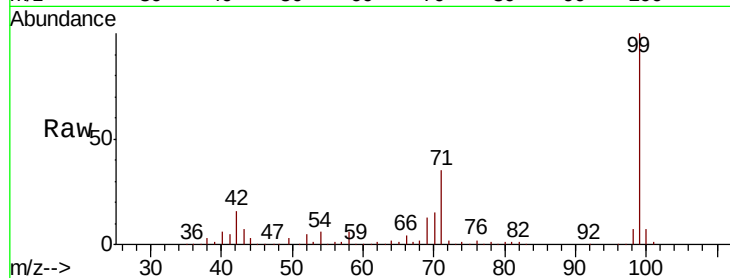
Tgt Ion: 99 Resp: 1060458

Ion Ratio Lower Upper

99 100

42 15.5 12.5 18.7

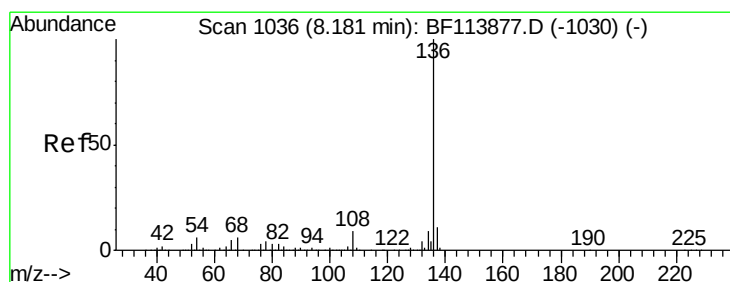
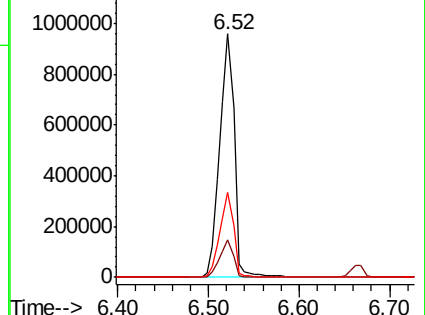
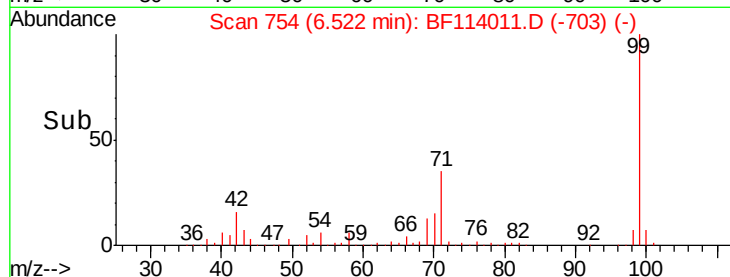
71 34.9 26.9 40.3



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114011.D

Acq: 26 Apr 2019 15:44

Tgt Ion: 136 Resp: 537635

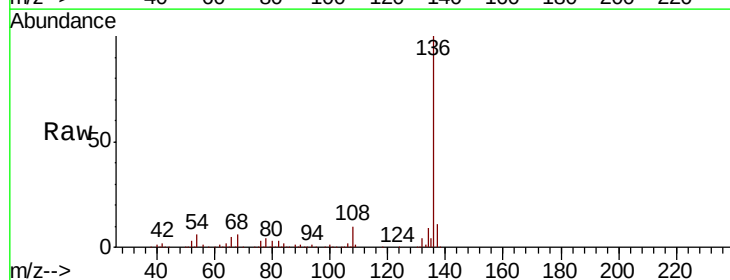
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 6.1 5.0 7.6

68 6.2 4.9 7.3

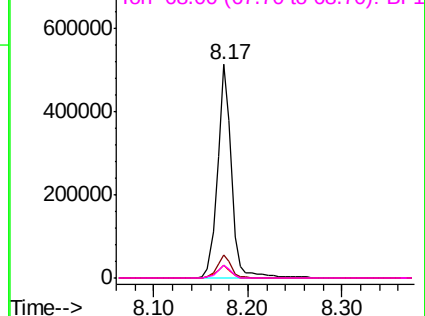
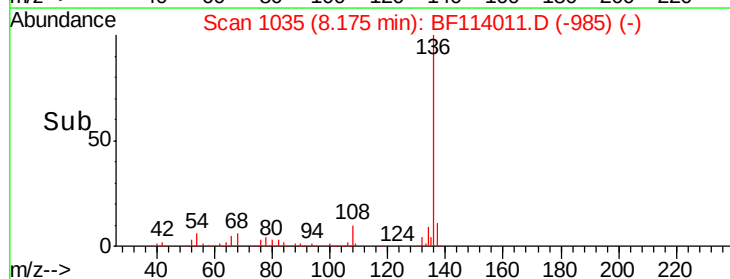


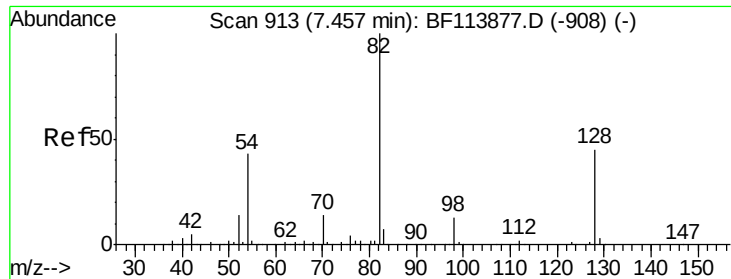
Abundance Ion 136.00 (135.70 to 136.70): E

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

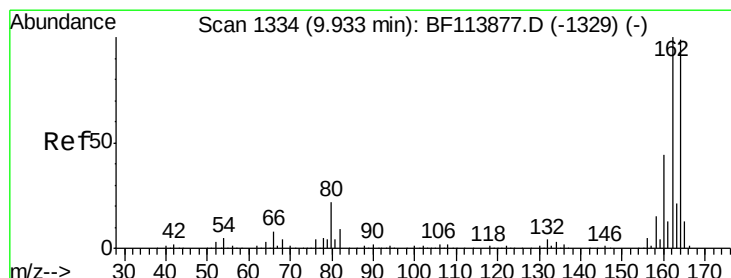
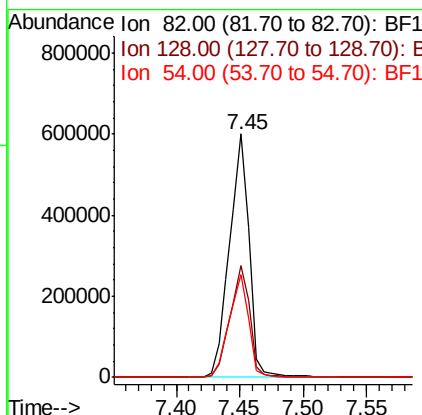
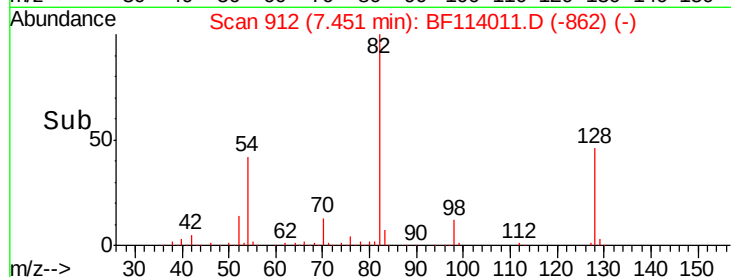
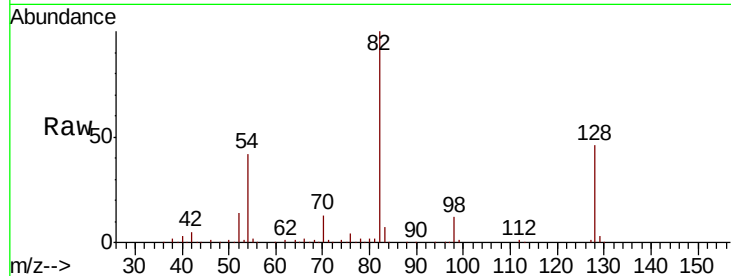




#23
 Nitrobenzene-d5
 Concen: 73.912 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF114011.D
 Acq: 26 Apr 2019 15:44

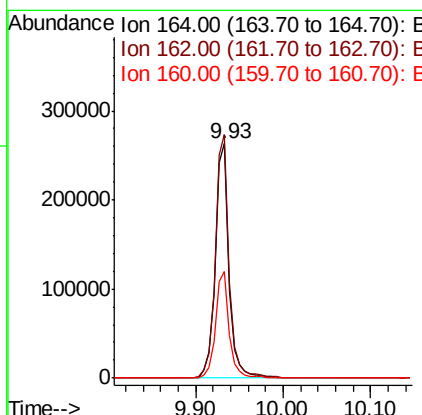
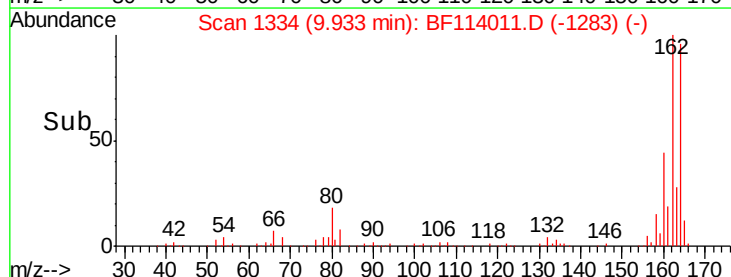
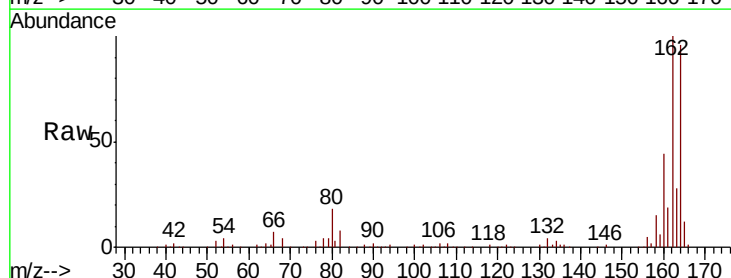
Instrument :
 BNA_F
 ClientSampleId :
 PB119228BL

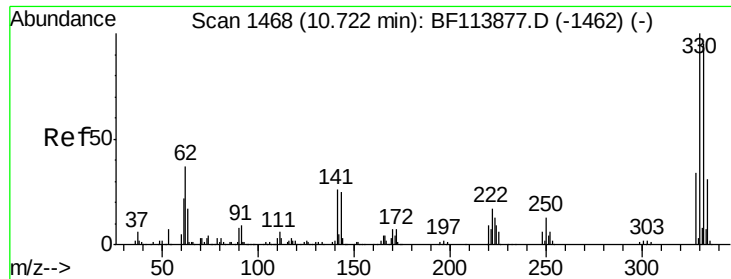
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.8	55.2
54	42.5	33.8	50.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF114011.D
 Acq: 26 Apr 2019 15:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.1	121.7
160	45.5	35.8	53.6

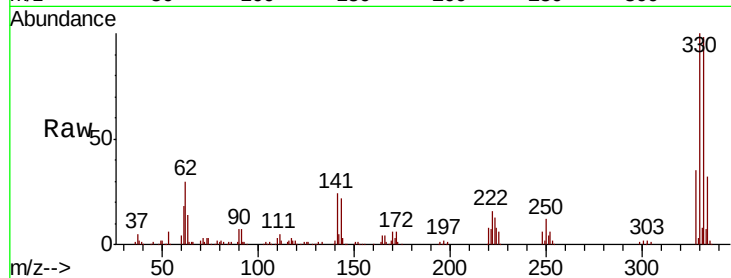




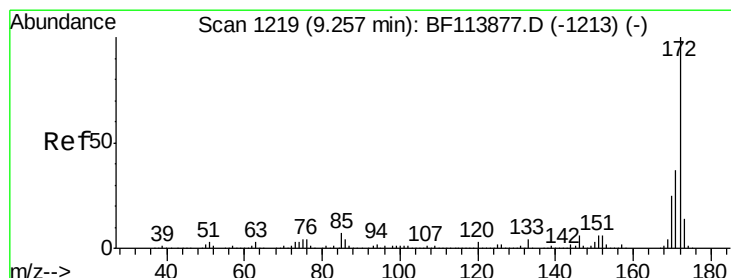
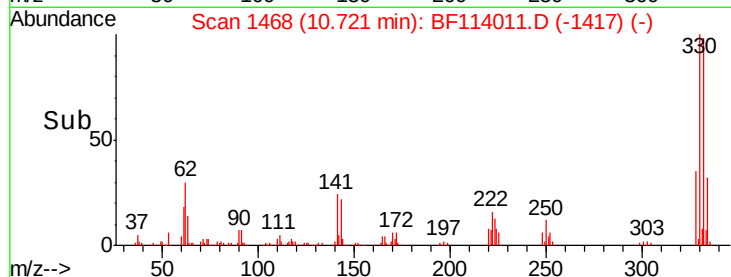
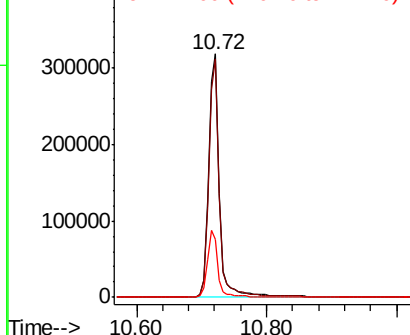
#42
 2,4,6-Tribromophenol
 Concen: 104.234 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF114011.D
 Acq: 26 Apr 2019 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB119228BL

Tgt Ion:330 Resp: 364375
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.5 116.3
 141 26.7 22.2 33.2

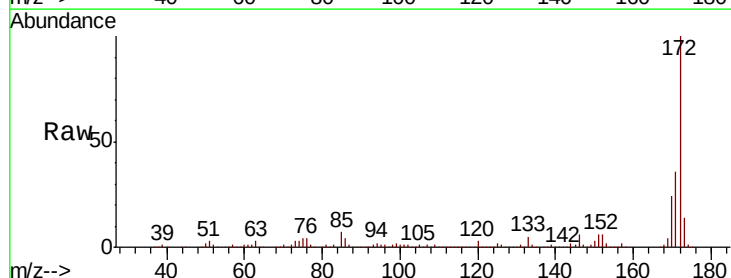


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

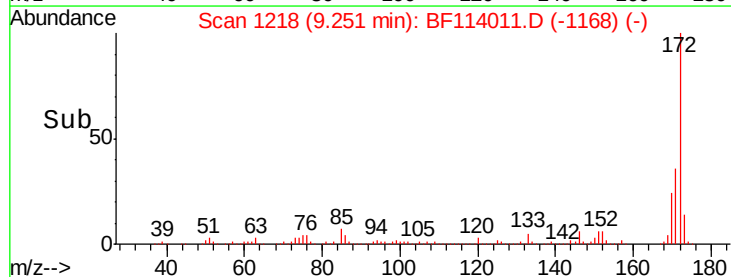
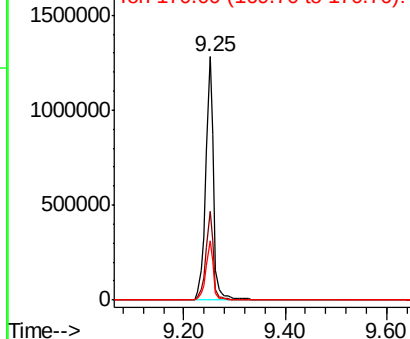


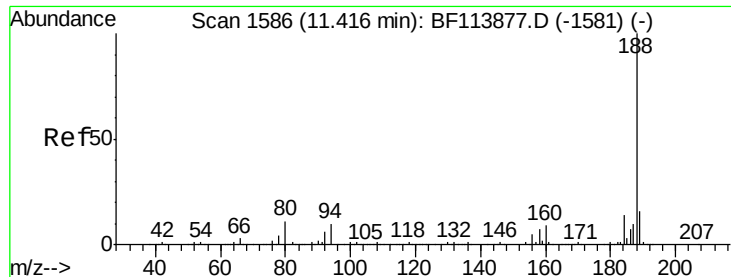
#45
 2-Fluorobiphenyl
 Concen: 74.595 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF114011.D
 Acq: 26 Apr 2019 15:44

Tgt Ion:172 Resp: 1368626
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.4 19.9 29.9



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

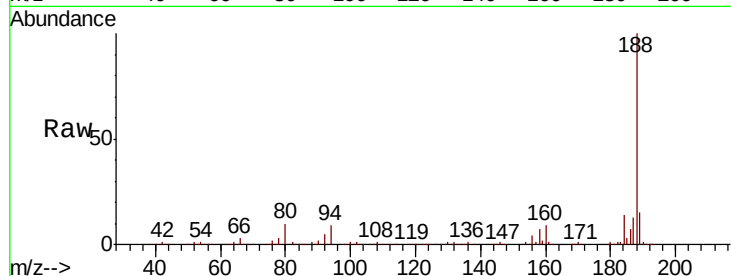




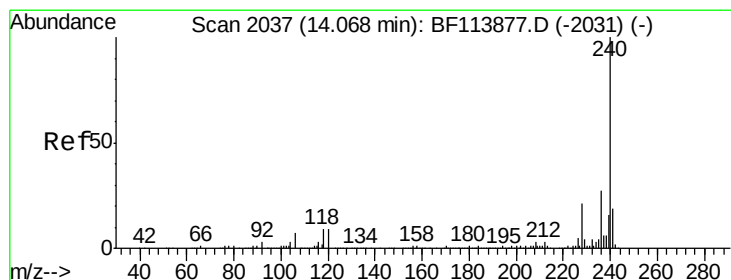
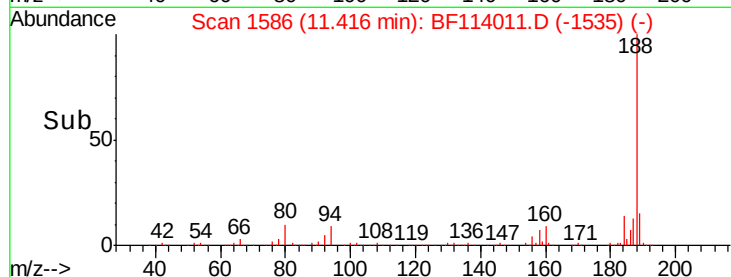
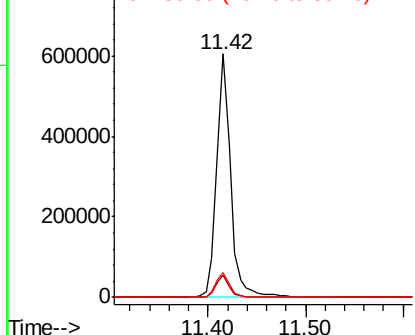
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF114011.D
Acq: 26 Apr 2019 15:44

Instrument :
BNA_F
ClientSampleId :
PB119228BL

Tgt Ion:188 Resp: 604858
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.4
80 10.2 9.0 13.6

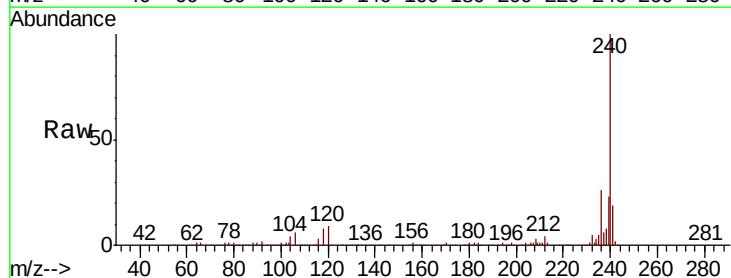


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

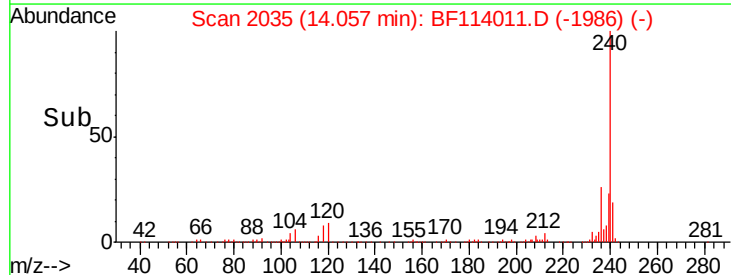
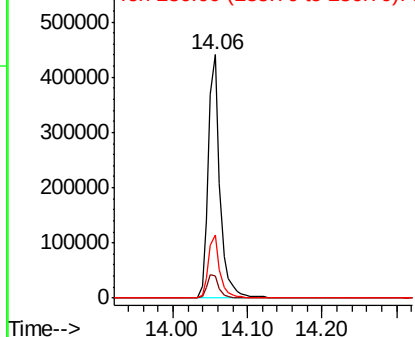


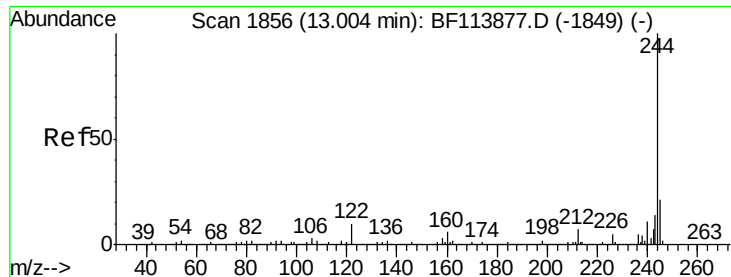
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF114011.D
Acq: 26 Apr 2019 15:44

Tgt Ion:240 Resp: 478760
Ion Ratio Lower Upper
240 100
120 9.3 9.3 13.9
236 25.8 21.2 31.8



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: 71.352 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF114011.D

Acq: 26 Apr 2019 15:44

Instrument :

BNA_F

ClientSampleId :

PB119228BL

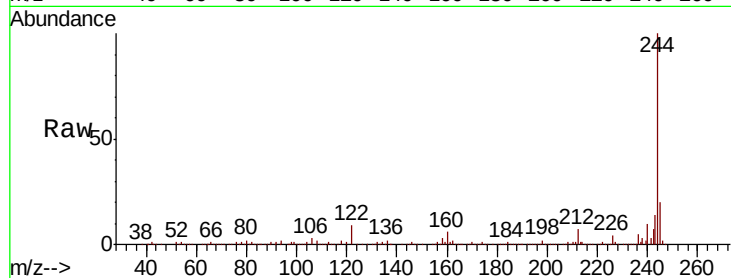
Tgt Ion:244 Resp: 1666255

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

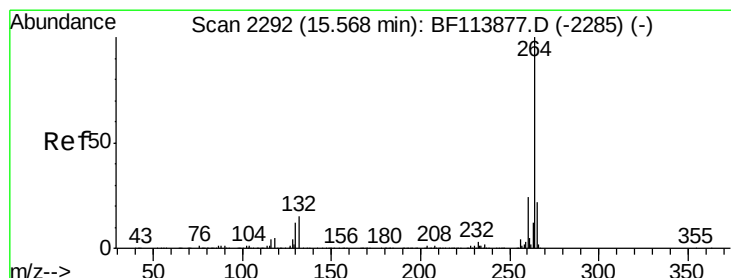
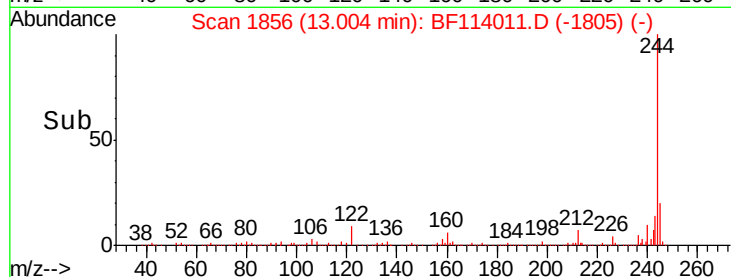
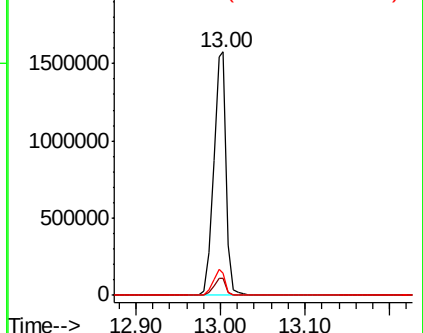
122 9.0 7.6 11.4



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# 2288

Delta R.T. -0.02 min

Lab File: BF114011.D

Acq: 26 Apr 2019 15:44

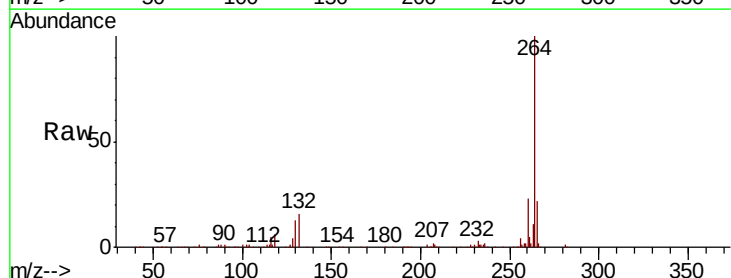
Tgt Ion:264 Resp: 407916

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 21.6 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

