

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
 Data File : BF114056.D
 Acq On : 30 Apr 2019 21:28
 Operator : JU/SJ
 Sample : PB119350BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119350BL

Quant Time: May 01 06:38:44 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	113900	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	359063	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	188531	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	350788	20.00	ng	0.00
76) Chrysene-d12	14.05	240	253129	20.00	ng	-0.02
87) Perylene-d12	15.54	264	217871	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	799196	120.01	ng	0.01
7) Phenol-d6	6.52	99	955277	114.34	ng	0.00
23) Nitrobenzene-d5	7.45	82	555423	95.51	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	226952	98.82	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	957727	79.45	ng	0.00
79) Terphenyl-d14	13.00	244	1222121	98.98	ng	0.00

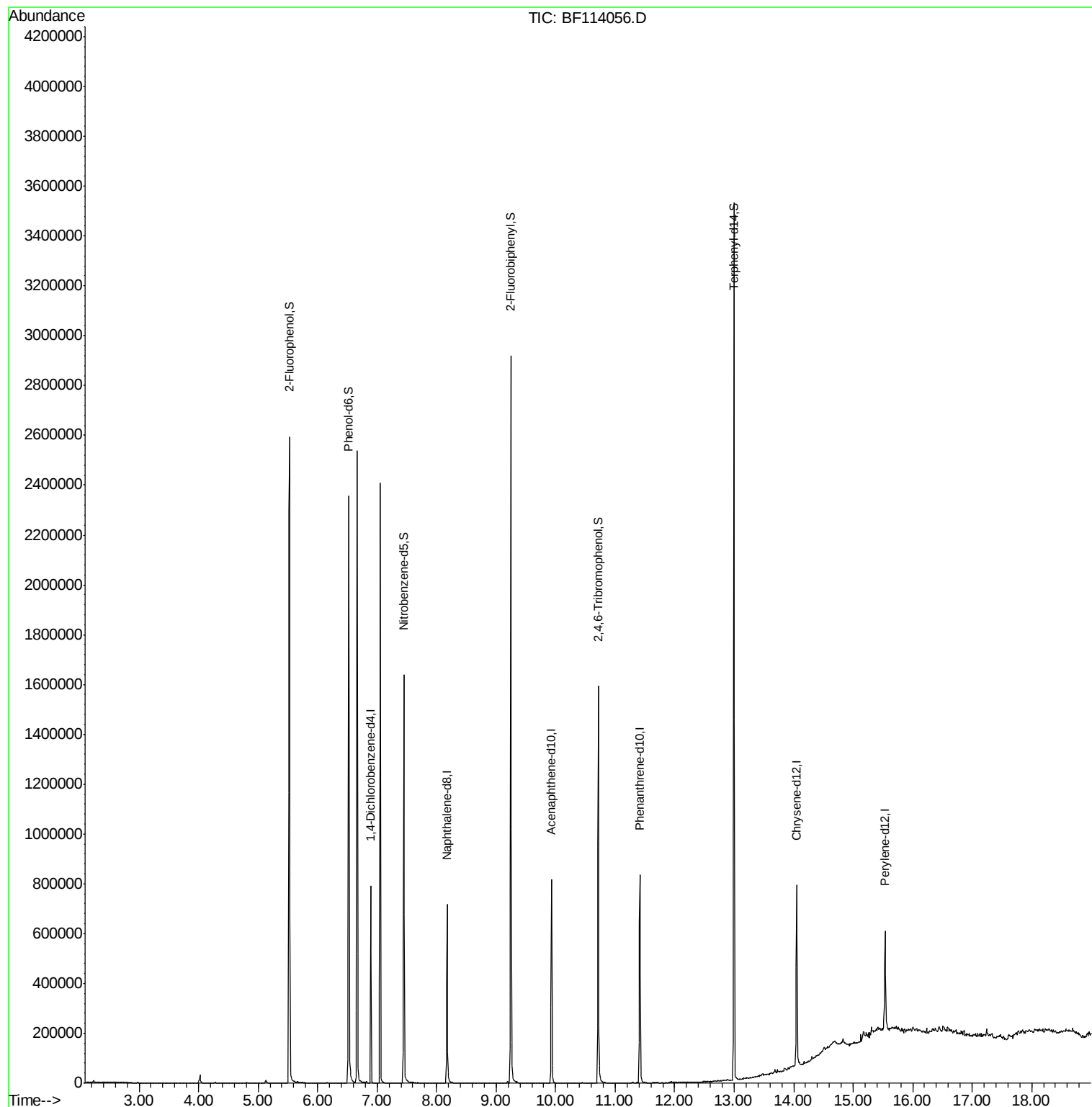
Target Compounds Qvalue

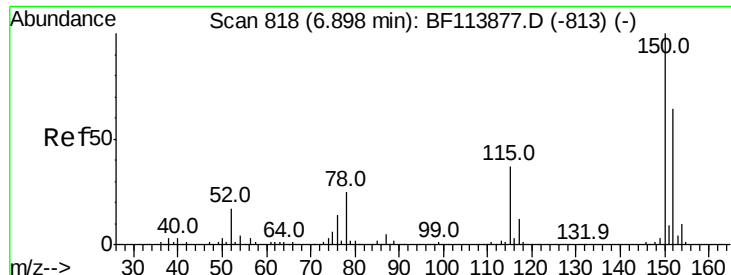
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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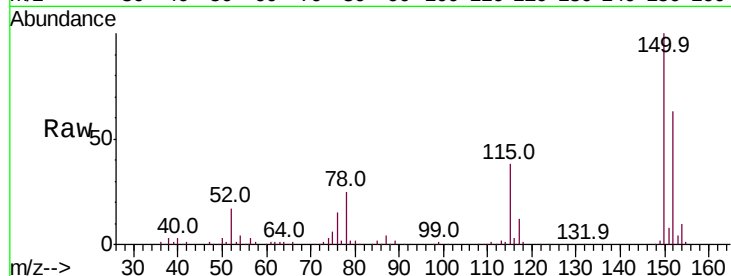


#1

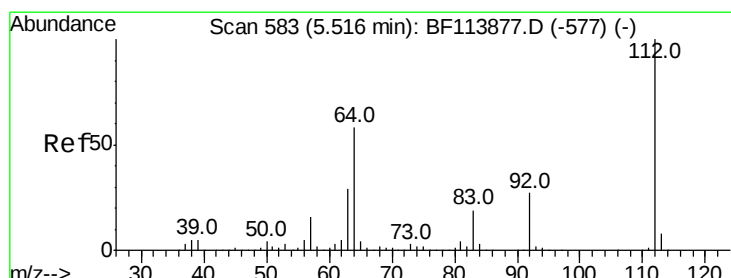
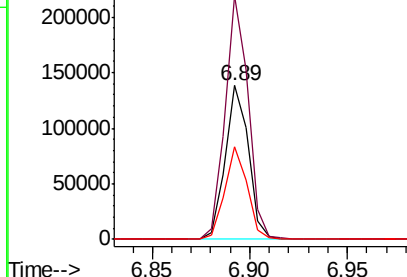
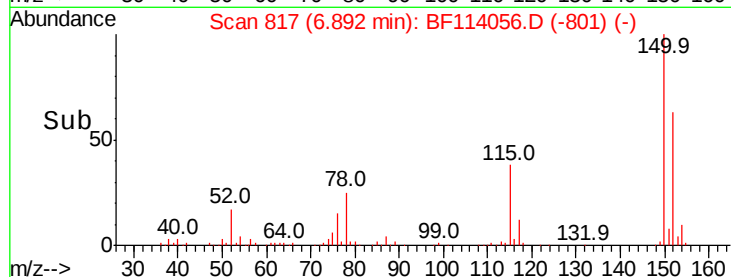
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114056.D
Acq: 30 Apr 2019 21:28

Instrument :
BNA_F
ClientSampleId :
PB119350BL

Tot Ion:152 Resp: 113900
Ion Ratio Lower Upper
152 100
150 158.4 125.9 188.9
115 60.6 45.9 68.9



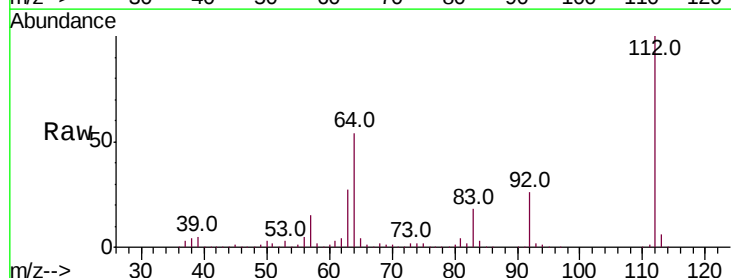
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



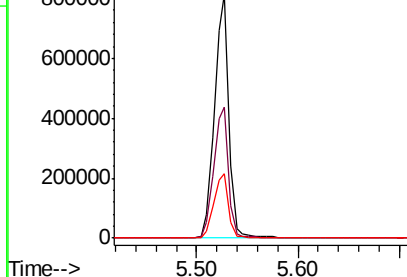
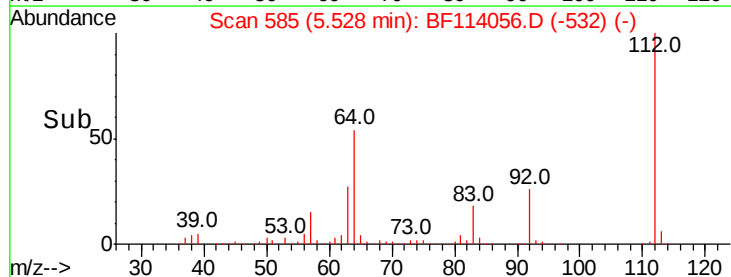
#5

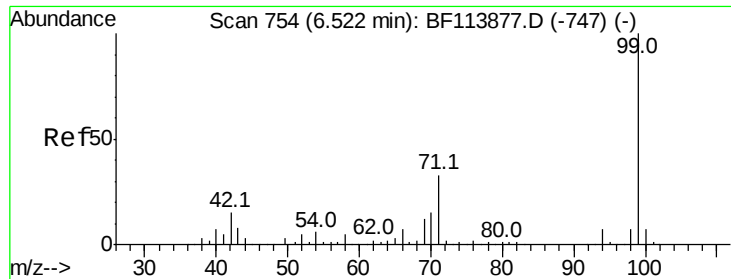
2-Fluorophenol
Concen: 120.010 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF114056.D
Acq: 30 Apr 2019 21:28

Tgt Ion:112 Resp: 799196
Ion Ratio Lower Upper
112 100
64 53.9 46.6 69.8
63 26.7 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: 114.335 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF114056.D

Acq: 30 Apr 2019 21:28

Instrument :

BNA_F

ClientSampleId :

PB119350BL

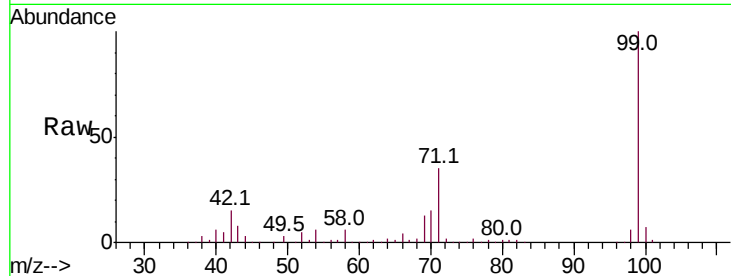
Tot Ion: 99 Resp: 955277

Ion Ratio Lower Upper

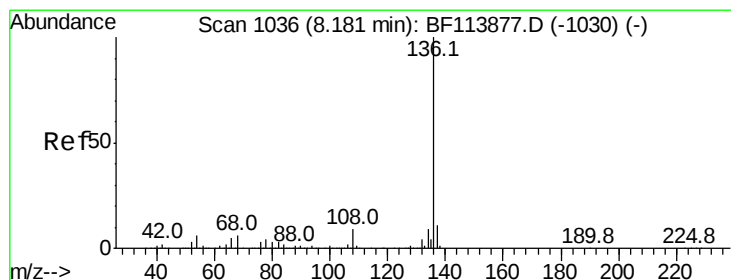
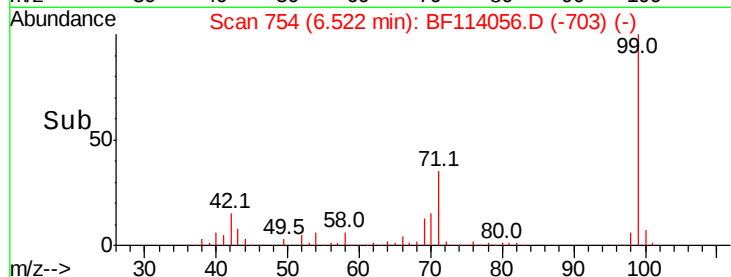
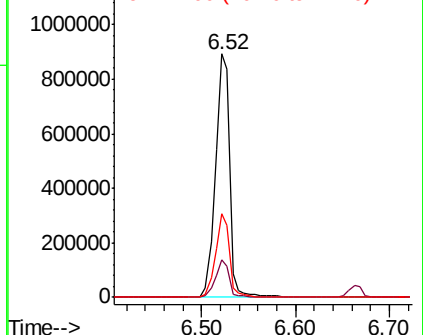
99 100

42 15.3 12.5 18.7

71 34.5 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: BF114056.D

Acq: 30 Apr 2019 21:28

Tgt Ion: 136 Resp: 359063

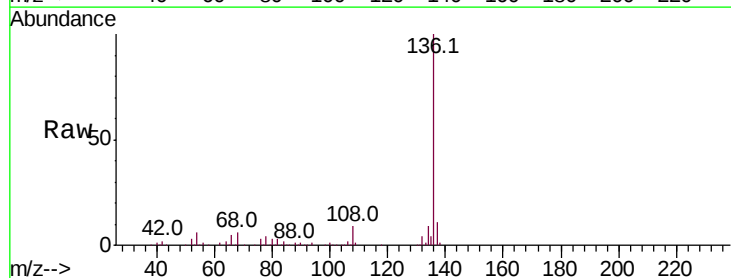
Ion Ratio Lower Upper

136 100

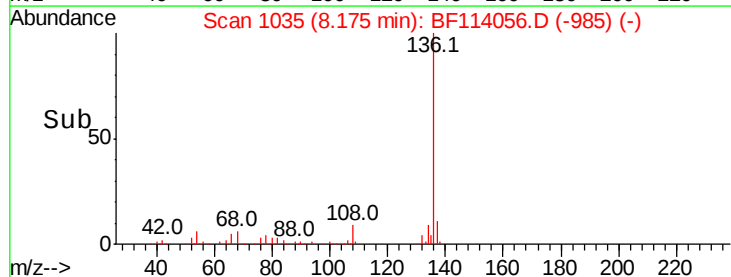
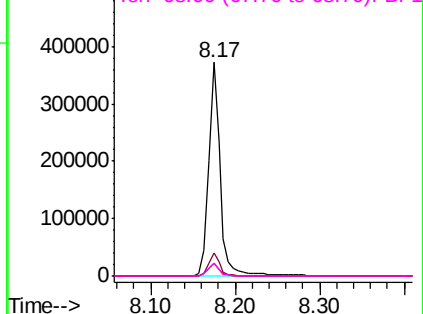
137 10.9 8.6 12.8

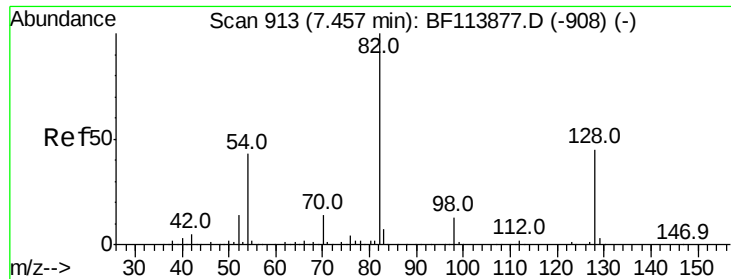
54 5.8 5.0 7.6

68 6.1 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

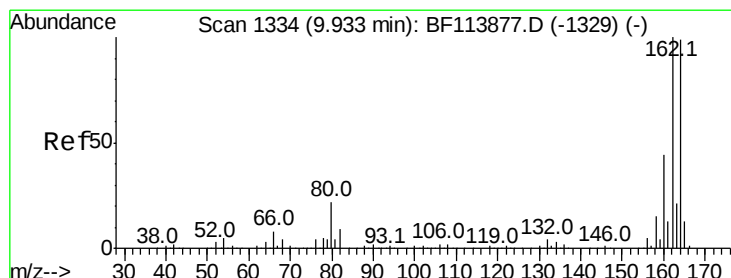
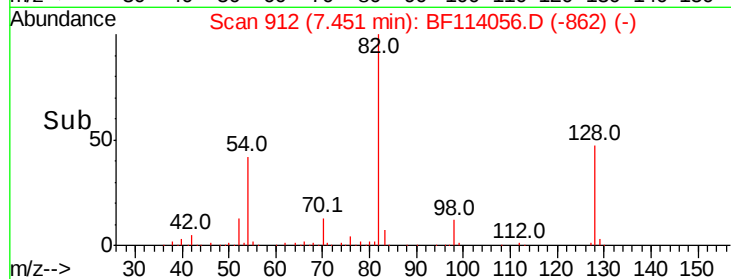
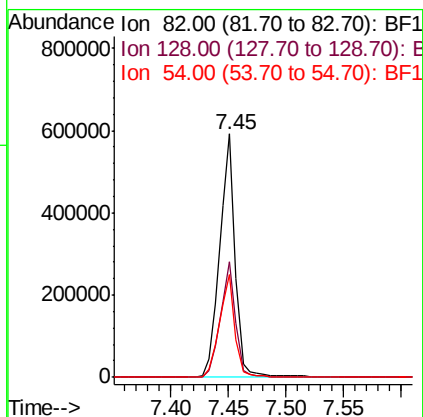
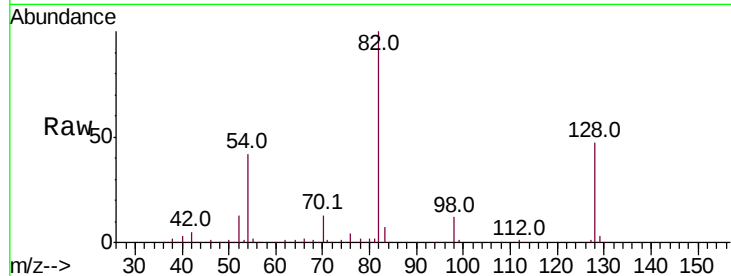




#23
 Nitrobenzene-d5
 Concen: 95.510 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF114056.D
 Acq: 30 Apr 2019 21:28

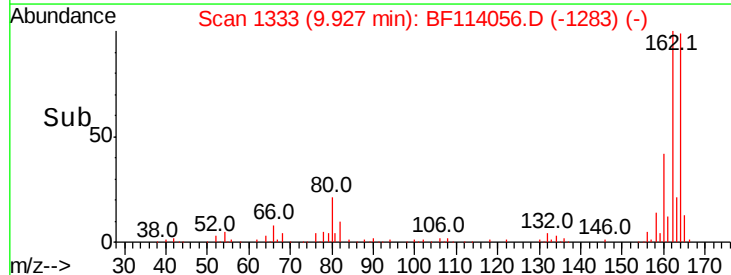
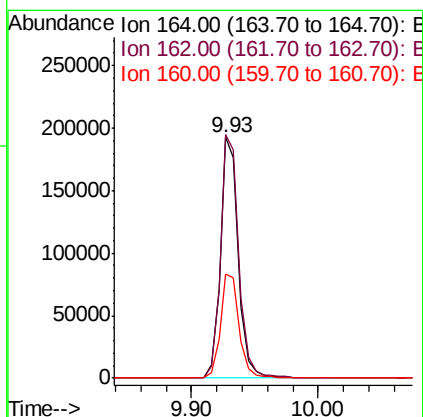
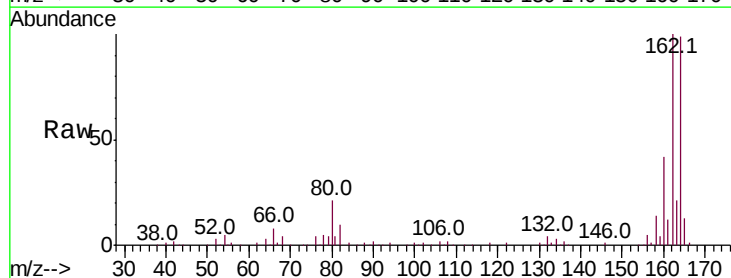
Instrument :
 BNA_F
 ClientSampleId :
 PB119350BL

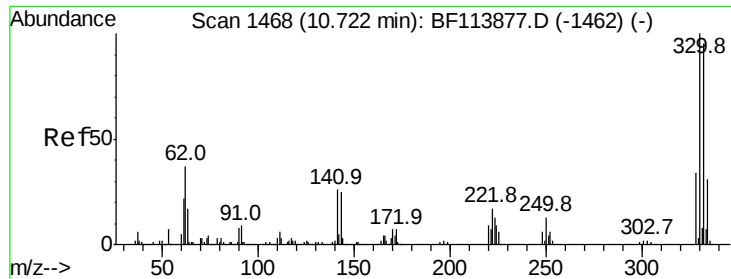
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.8	55.2
54	42.0	33.8	50.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF114056.D
 Acq: 30 Apr 2019 21:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.1	121.7
160	43.0	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 98.817 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF114056.D

Acq: 30 Apr 2019 21:28

Instrument :

BNA_F

ClientSampleId :

PB119350BL

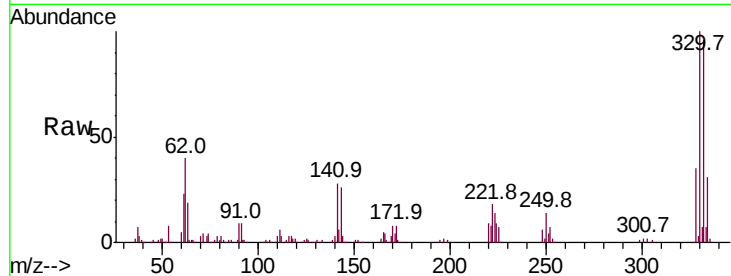
Tot Ion:330 Resp: 226952

Ion Ratio Lower Upper

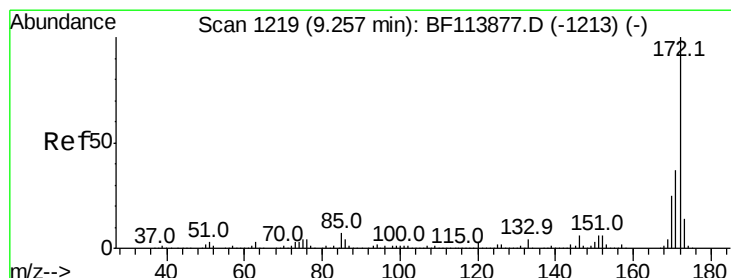
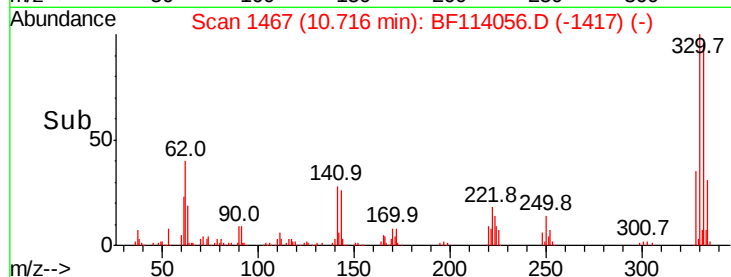
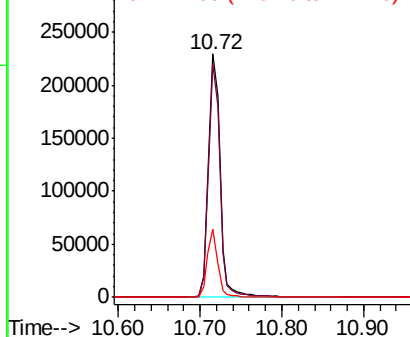
330 100

332 94.9 77.5 116.3

141 25.7 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: 79.452 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF114056.D

Acq: 30 Apr 2019 21:28

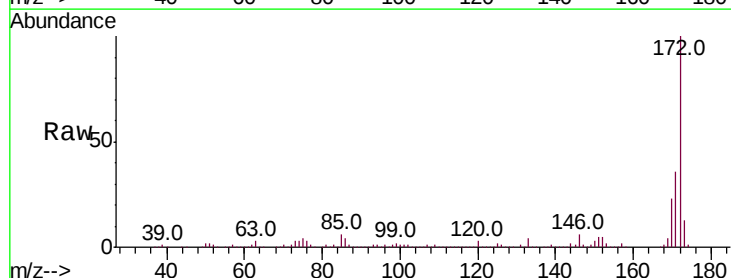
Tgt Ion:172 Resp: 957727

Ion Ratio Lower Upper

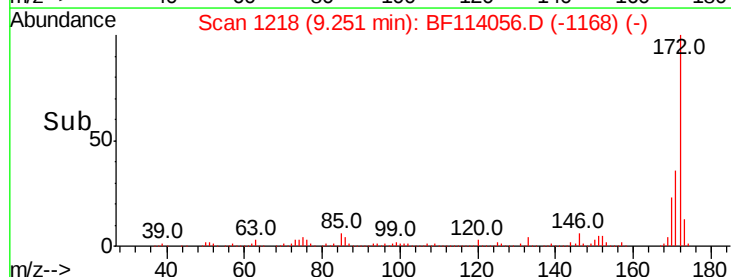
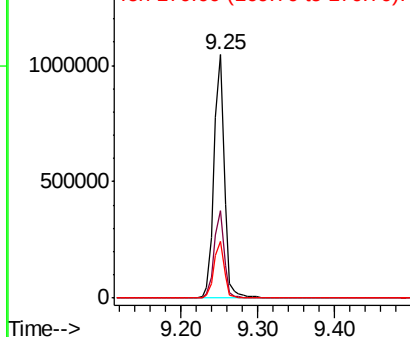
172 100

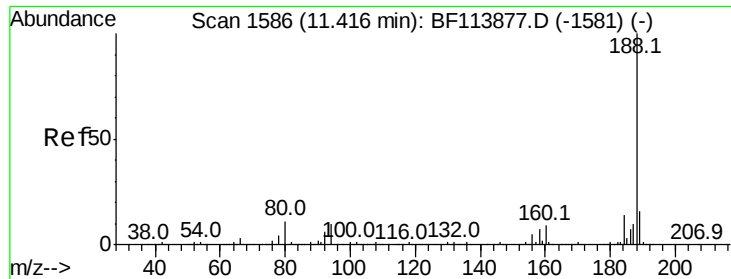
171 35.7 29.4 44.0

170 23.4 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

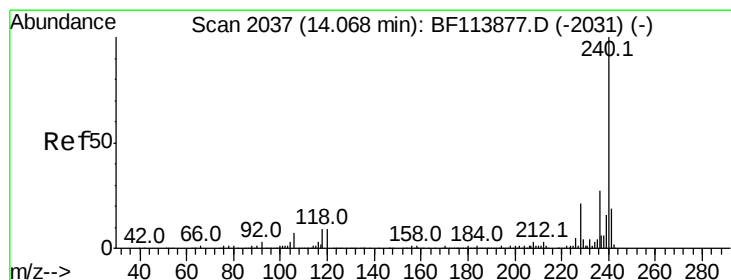
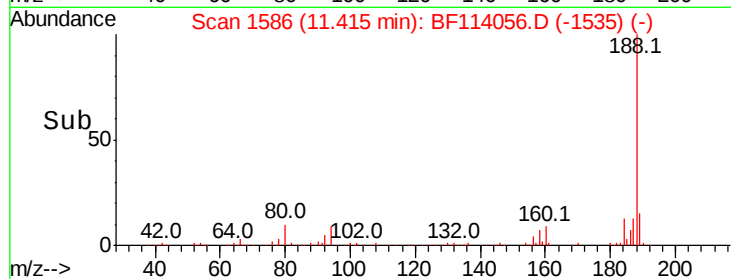
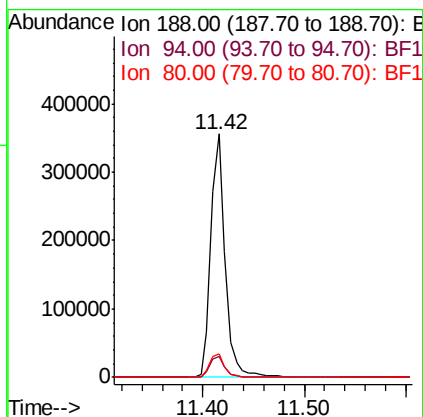
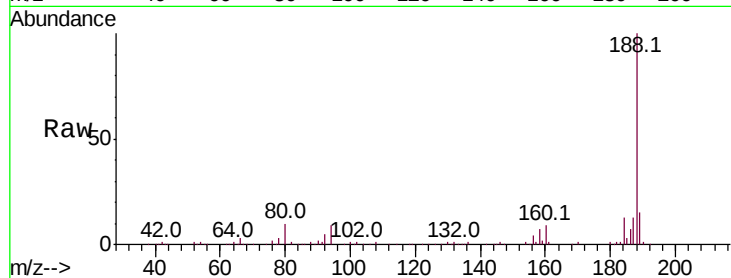




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF114056.D
 Acq: 30 Apr 2019 21:28

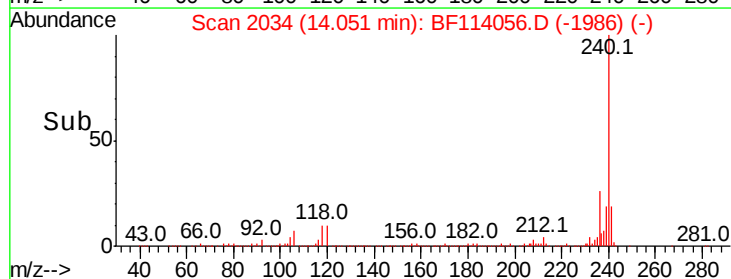
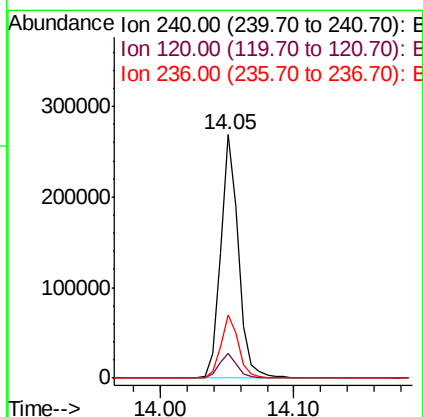
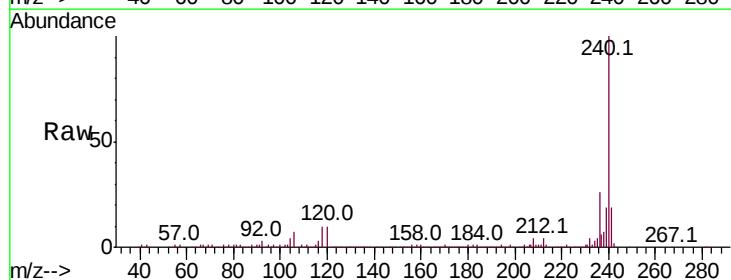
Instrument :
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 ClientSampleId :
 PB119350BL

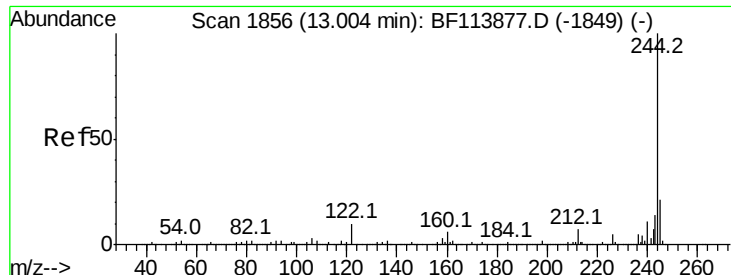
Tot Ion:188 Resp: 350788
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.2 12.4
 80 9.6 9.0 13.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF114056.D
 Acq: 30 Apr 2019 21:28

Tgt Ion:240 Resp: 253129
 Ion Ratio Lower Upper
 240 100
 120 10.2 9.3 13.9
 236 25.8 21.2 31.8





#79

Terphenyl-d14

Concen: 98.982 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF114056.D

Acq: 30 Apr 2019 21:28

Instrument :

BNA_F

ClientSampleId :

PB119350BL

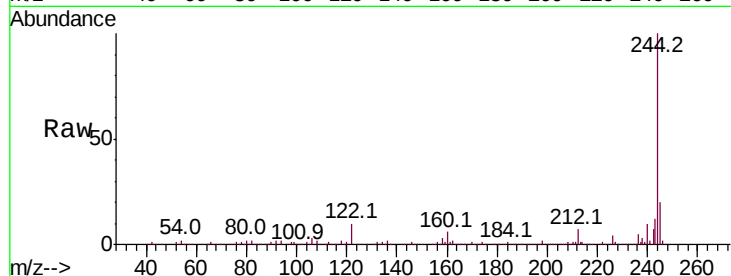
Tot Ion:244 Resp: 1222121

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

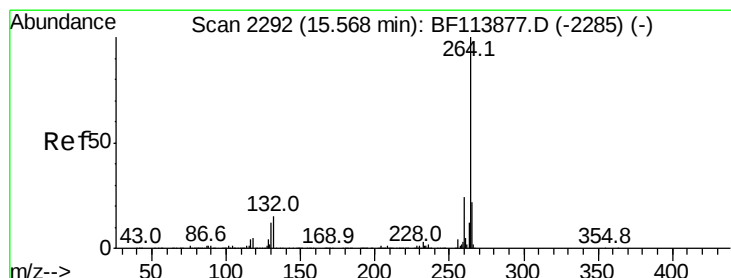
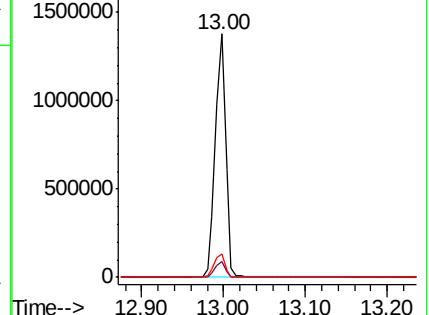
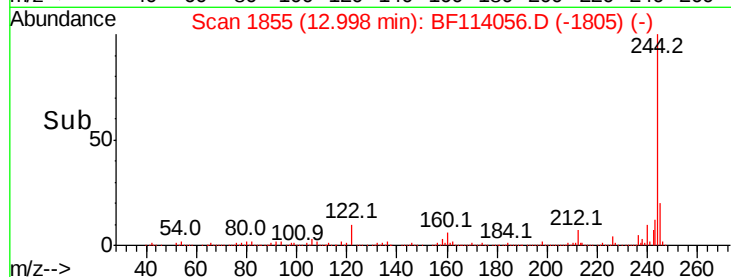
122 9.5 7.6 11.4



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# 2287

Delta R.T. -0.03 min

Lab File: BF114056.D

Acq: 30 Apr 2019 21:28

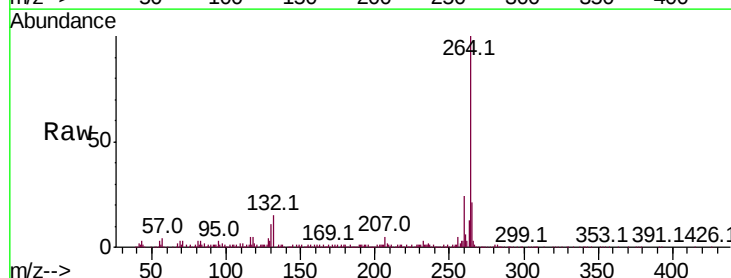
Tgt Ion:264 Resp: 217871

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.0 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

