

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113930.D
 Acq On : 23 Apr 2019 19:38
 Operator : JU/SJ
 Sample : K2529-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3P4042219

Quant Time: Apr 24 06:51:06 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

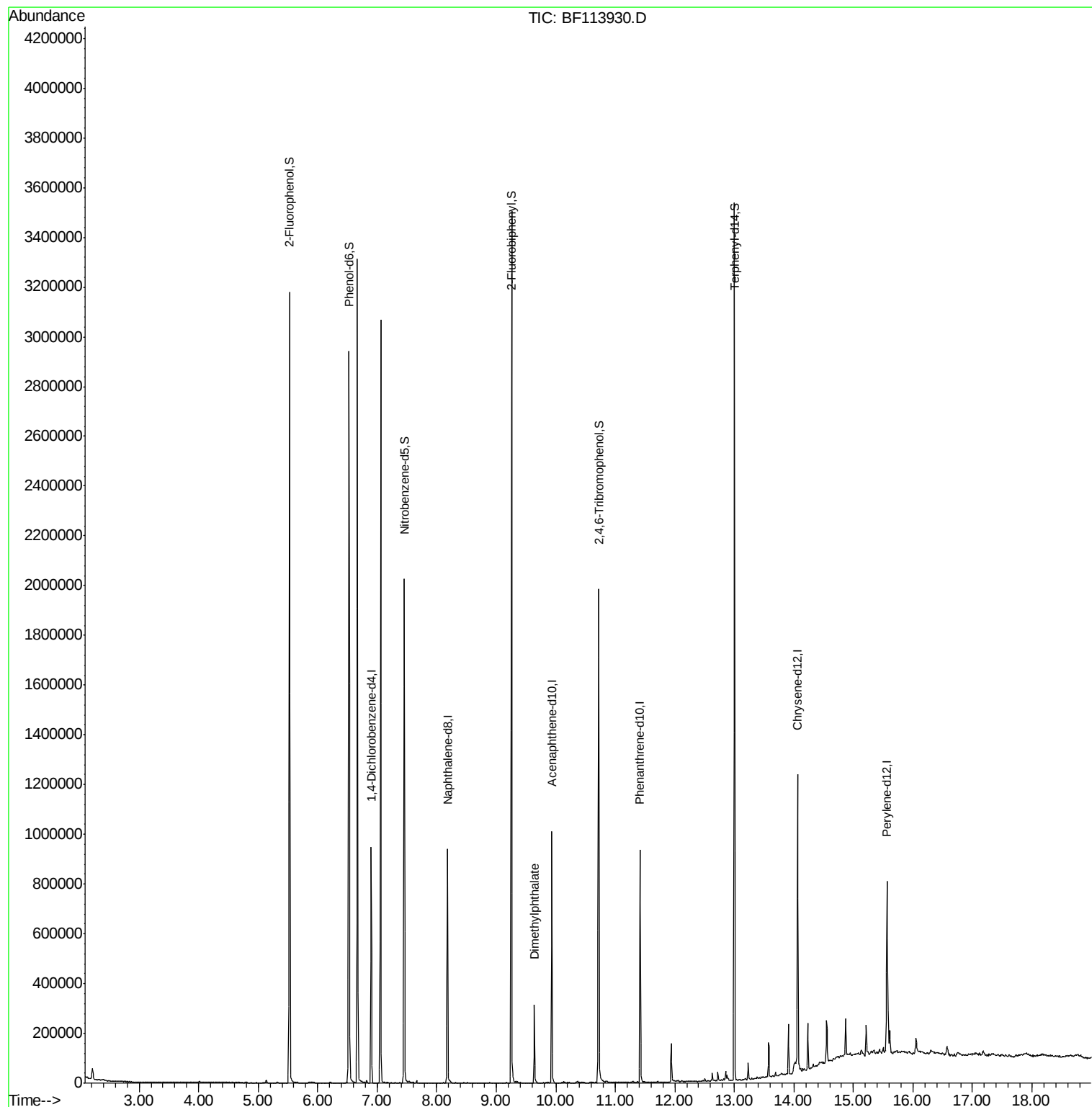
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	131186	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	441521	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	192188	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	347360	20.00	ng	0.00
76) Chrysene-d12	14.06	240	378854	20.00	ng	0.00
87) Perylene-d12	15.57	264	336309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	944319	123.12	ng	0.01
7) Phenol-d6	6.53	99	1172395	121.83	ng	0.00
23) Nitrobenzene-d5	7.46	82	686713	96.03	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	284049	121.32	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1189862	96.83	ng	0.00
79) Terphenyl-d14	13.00	244	1294289	70.04	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.64	163	139453	10.033	ng	99

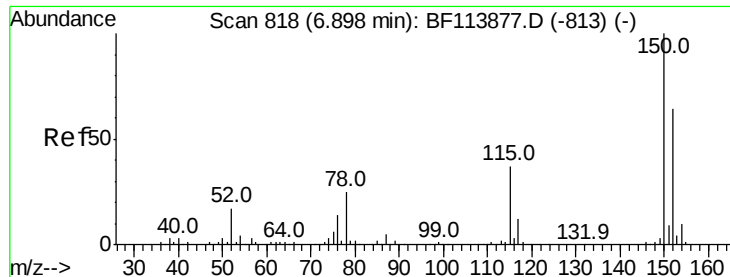
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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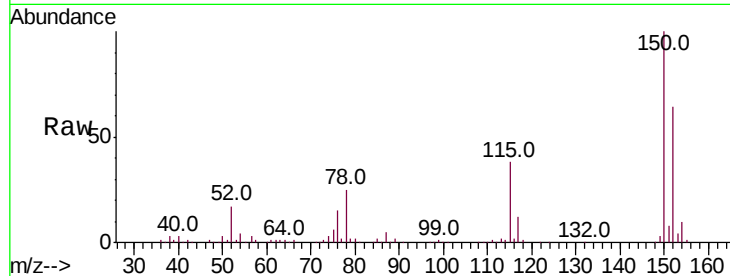


#1

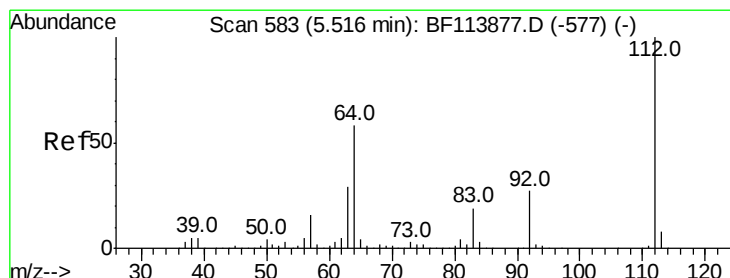
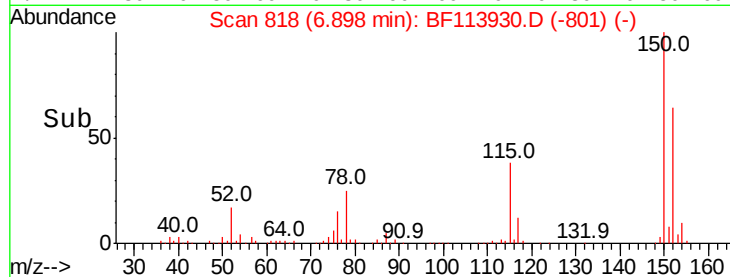
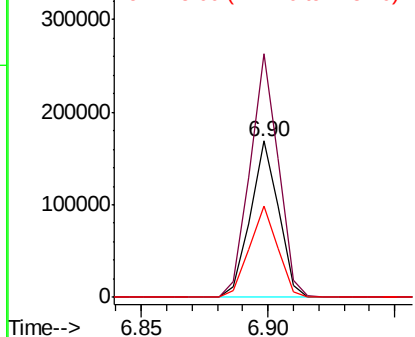
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113930.D
Acq: 23 Apr 2019 19:38

Instrument :
BNA_F
ClientSampleId :
P3P4042219

Tot Ion:152 Resp: 131186
Ion Ratio Lower Upper
152 100
150 155.6 125.9 188.9
115 58.7 45.9 68.9



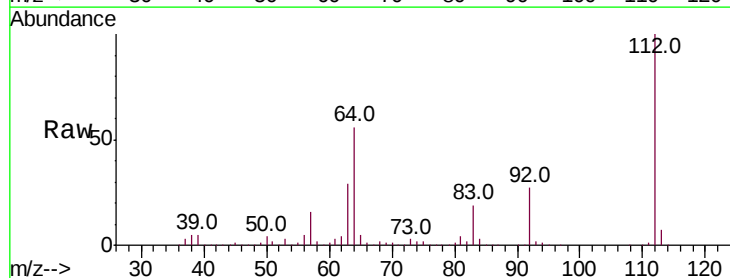
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



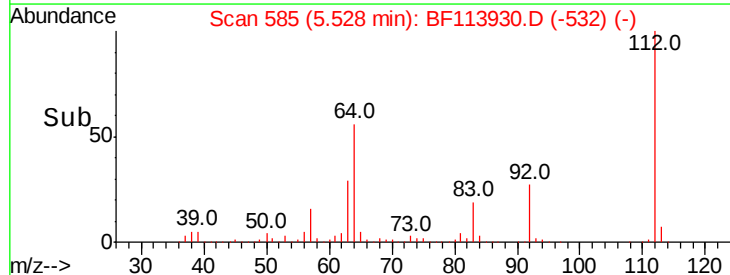
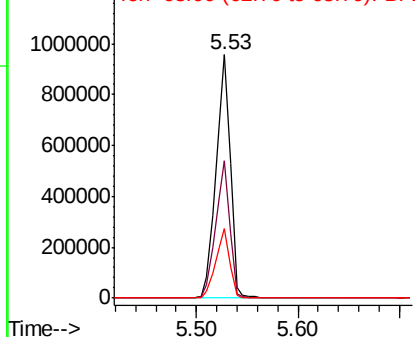
#5

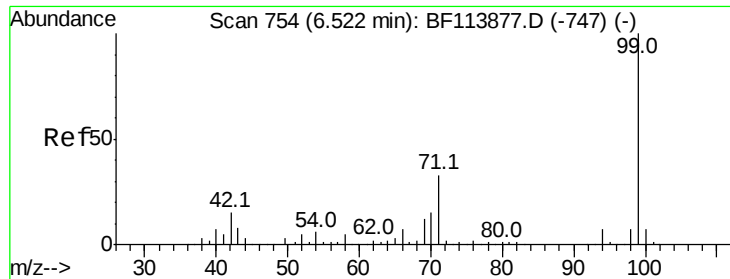
2-Fluorophenol
Concen: 123.117 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF113930.D
Acq: 23 Apr 2019 19:38

Tgt Ion:112 Resp: 944319
Ion Ratio Lower Upper
112 100
64 56.4 46.6 69.8
63 28.8 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: 121.832 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113930.D

Acq: 23 Apr 2019 19:38

Instrument :

BNA_F

ClientSampleId :

P3P4042219

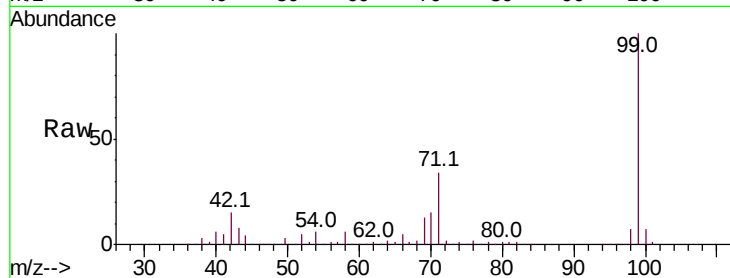
Tot Ion: 99 Resp: 1172395

Ion Ratio Lower Upper

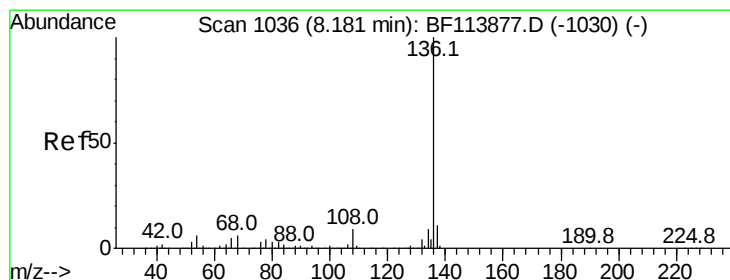
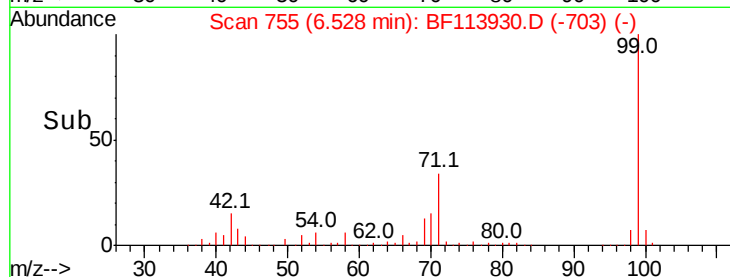
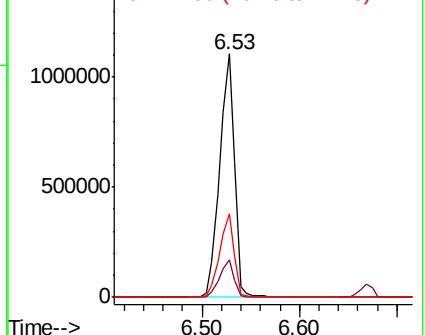
99 100

42 15.2 12.5 18.7

71 34.3 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: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF113930.D

Acq: 23 Apr 2019 19:38

Tgt Ion: 136 Resp: 441521

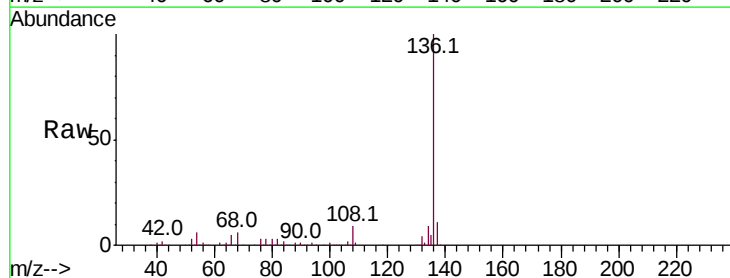
Ion Ratio Lower Upper

136 100

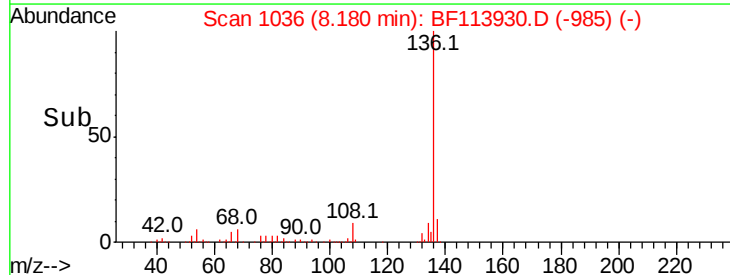
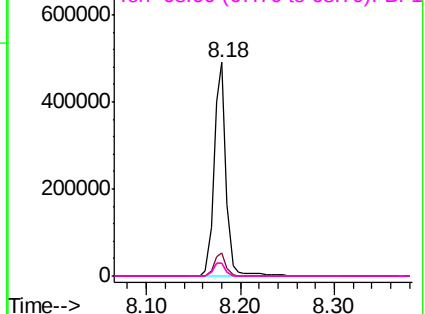
137 10.8 8.6 12.8

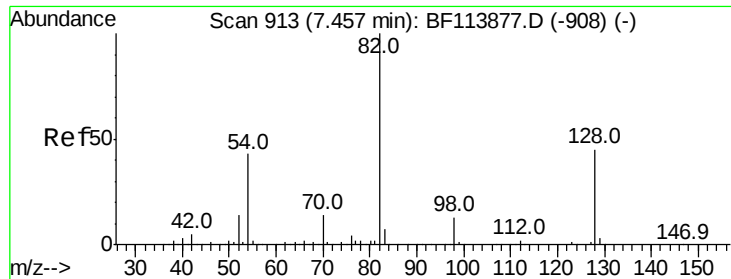
54 5.9 5.0 7.6

68 5.9 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

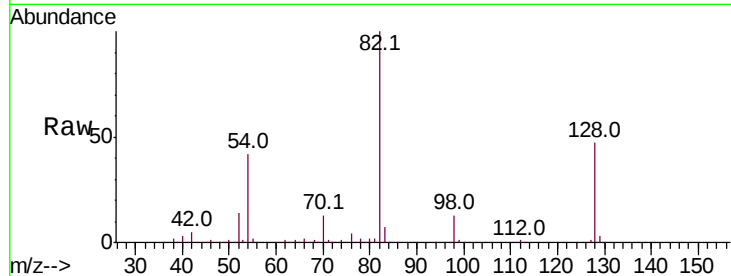




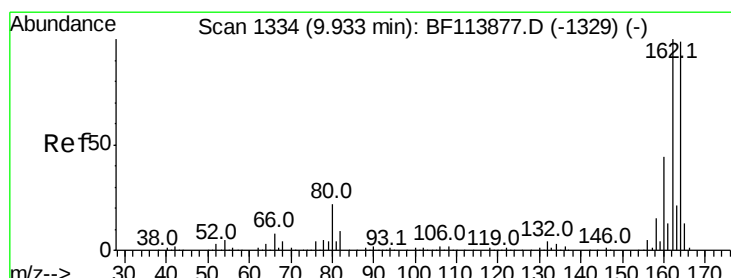
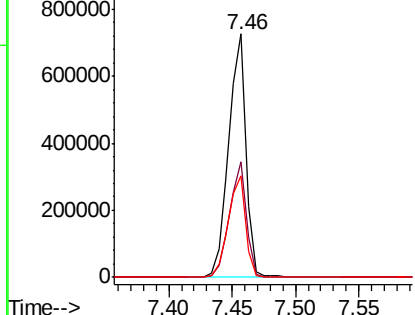
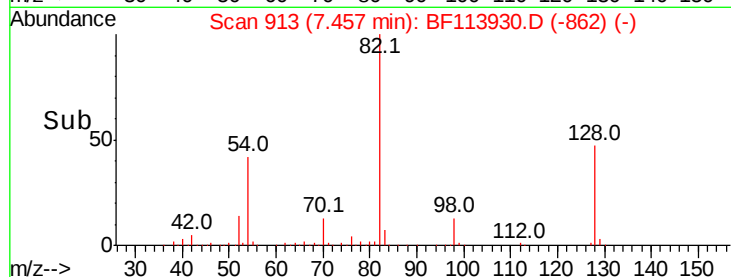
#23
Nitrobenzene-d5
Concen: 96.032 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF113930.D
Acq: 23 Apr 2019 19:38

Instrument :
BNA_F
ClientSampled :
P3P4042219

Tot Ion	82	Resp	686713
Ion Ratio	Lower	Upper	
82	100		
128	47.4	36.8	55.2
54	41.8	33.8	50.6

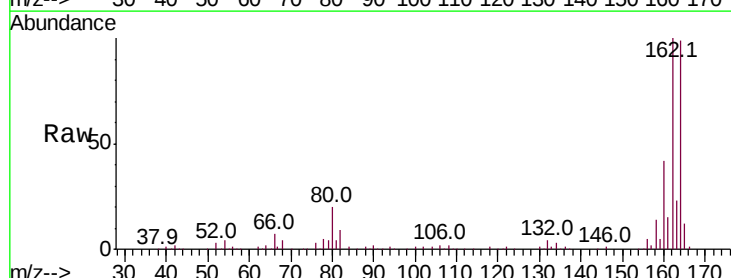


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

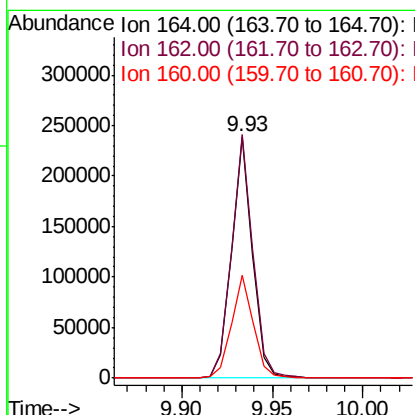
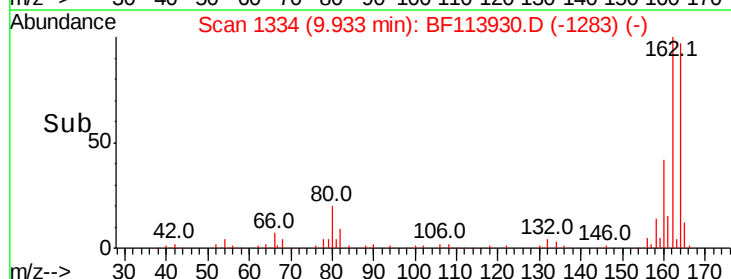


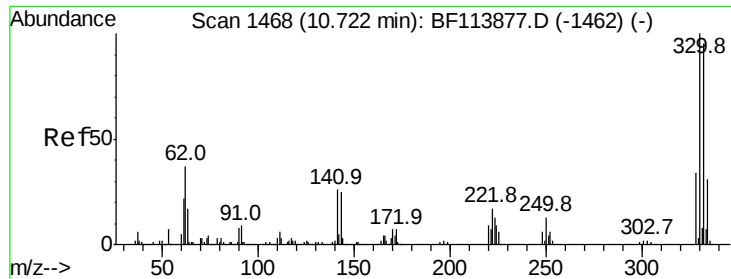
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113930.D
Acq: 23 Apr 2019 19:38

Tgt Ion	164	Resp	192188
Ion Ratio	Lower	Upper	
164	100		
162	100.7	81.1	121.7
160	42.6	35.8	53.6



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: 121.324 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF113930.D

Acq: 23 Apr 2019 19:38

Instrument :

BNA_F

ClientSampleId :

P3P4042219

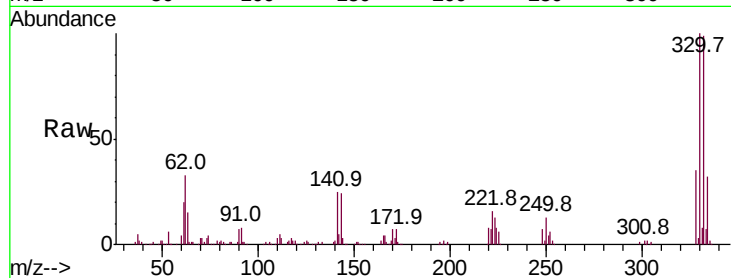
Tot Ion:330 Resp: 284049

Ion Ratio Lower Upper

330 100

332 97.2 77.5 116.3

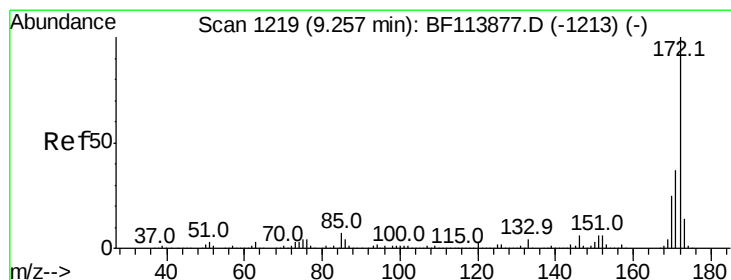
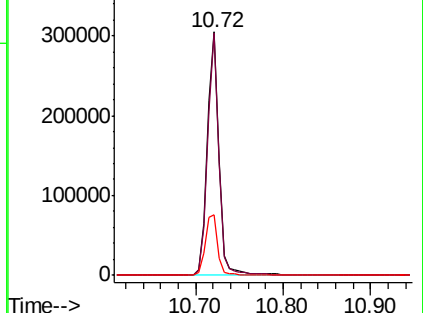
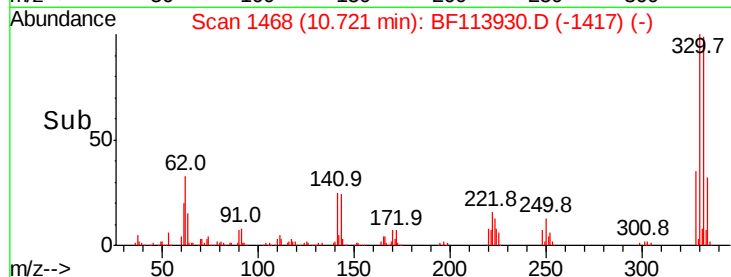
141 26.8 22.2 33.2



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: 96.831 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF113930.D

Acq: 23 Apr 2019 19:38

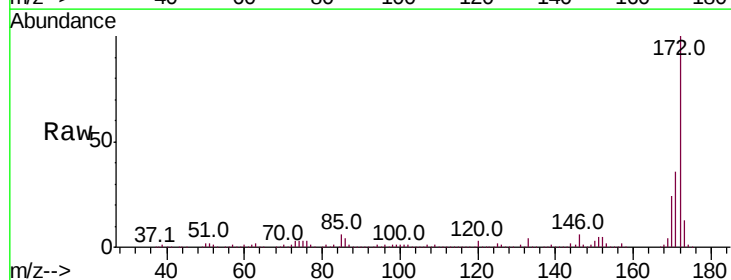
Tgt Ion:172 Resp: 1189862

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.0

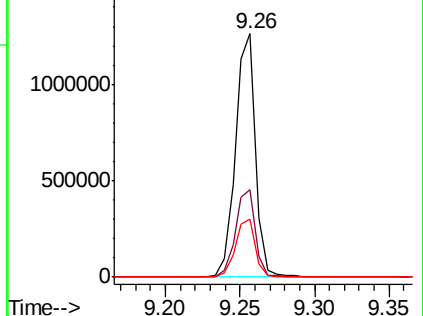
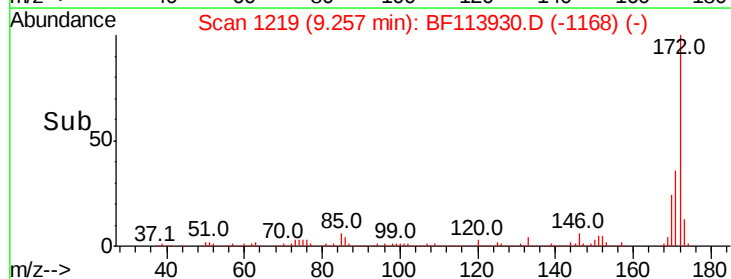
170 24.1 19.9 29.9

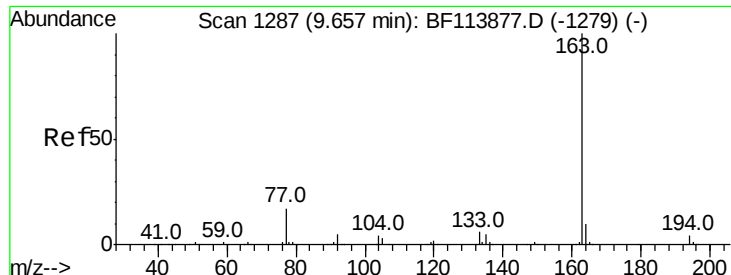


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

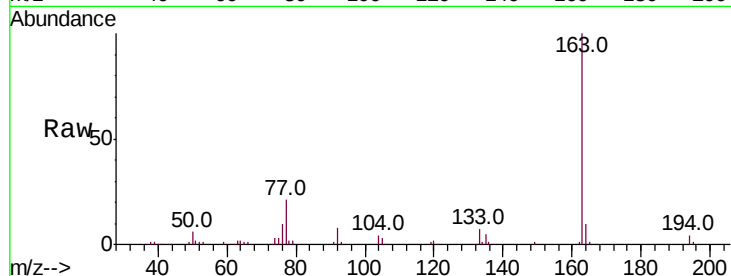




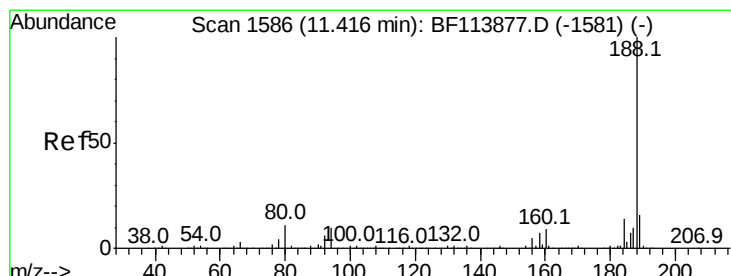
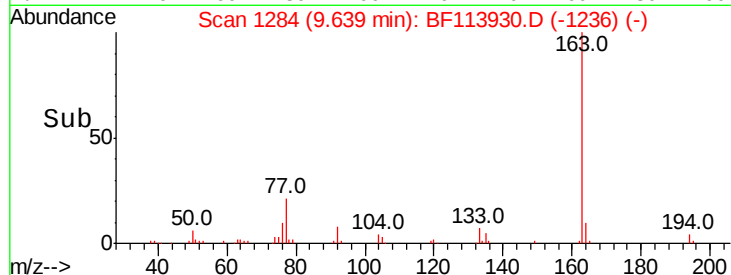
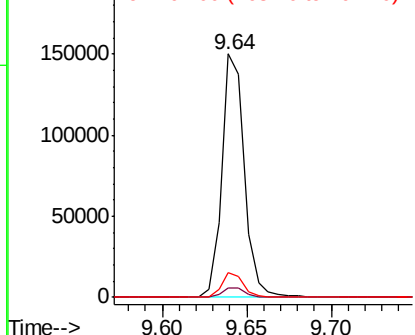
#50
Dimethylphthalate
Concen: 10.033 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113930.D
Acq: 23 Apr 2019 19:38

Instrument :
BNA_F
ClientSampleId :
P3P4042219

Tot Ion:163 Resp: 139453
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.2 8.5 12.7

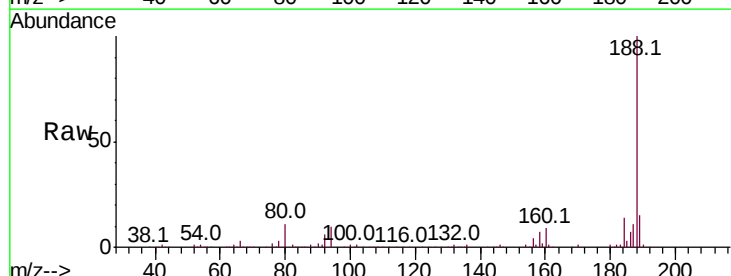


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

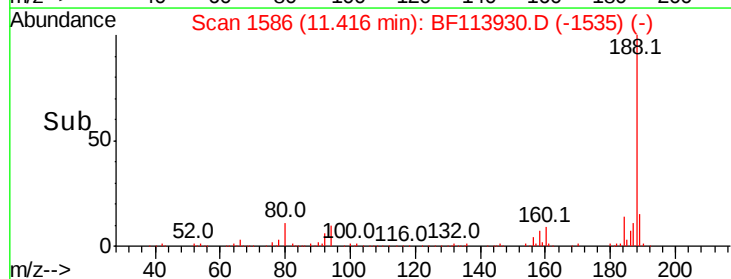
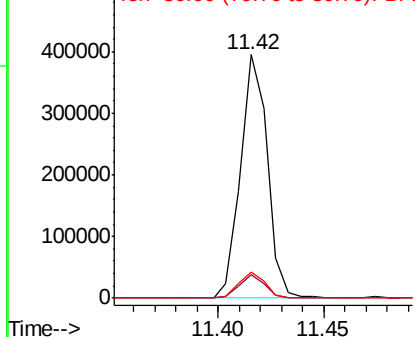


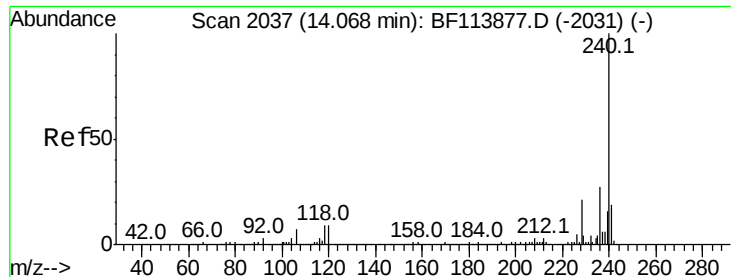
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF113930.D
Acq: 23 Apr 2019 19:38

Tgt Ion:188 Resp: 347360
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.4
80 10.8 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# 2036

Delta R.T. -0.01 min

Lab File: BF113930.D

Acq: 23 Apr 2019 19:38

Instrument :

BNA_F

ClientSampleId :

P3P4042219

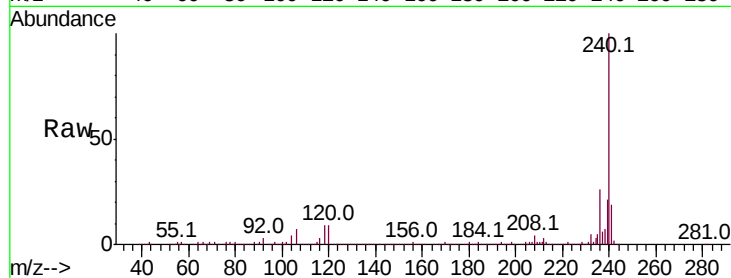
Tot Ion:240 Resp: 378854

Ion Ratio Lower Upper

240 100

120 9.5 9.3 13.9

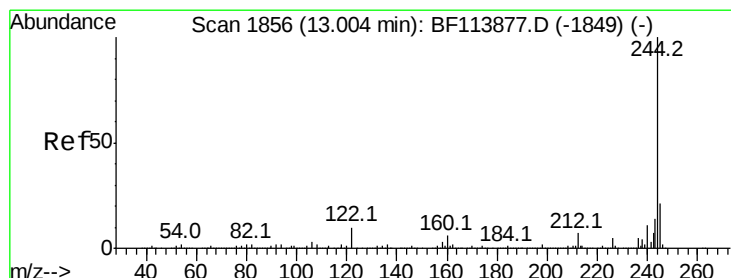
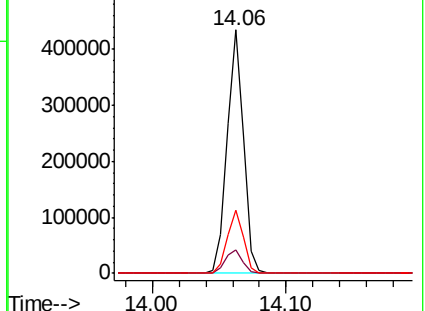
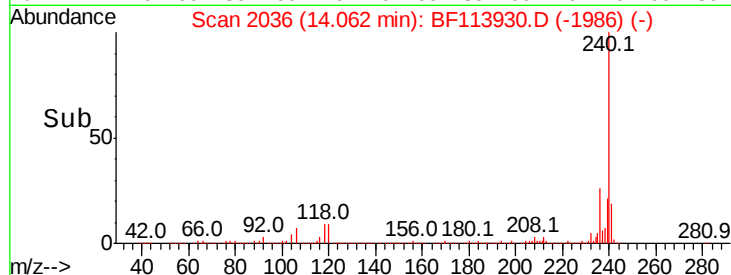
236 25.9 21.2 31.8



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: 70.039 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF113930.D

Acq: 23 Apr 2019 19:38

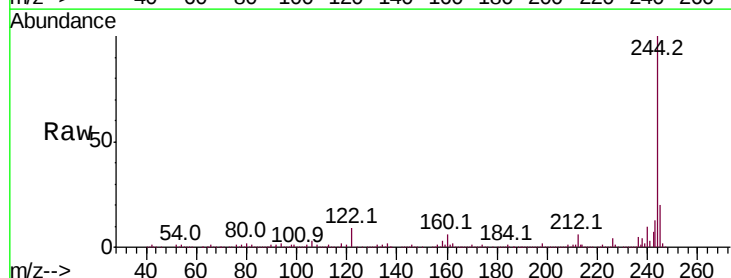
Tgt Ion:244 Resp: 1294289

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

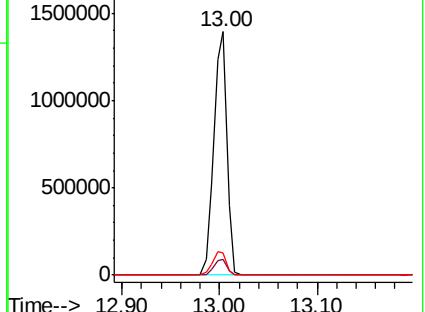
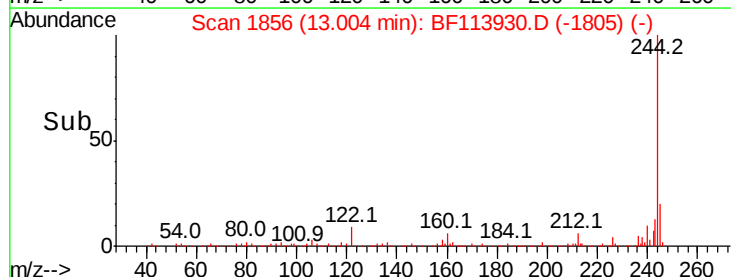
122 8.9 7.6 11.4

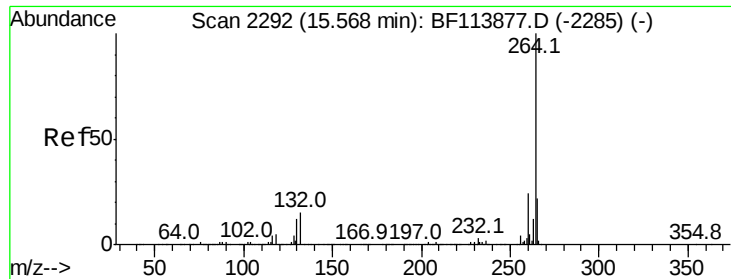


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

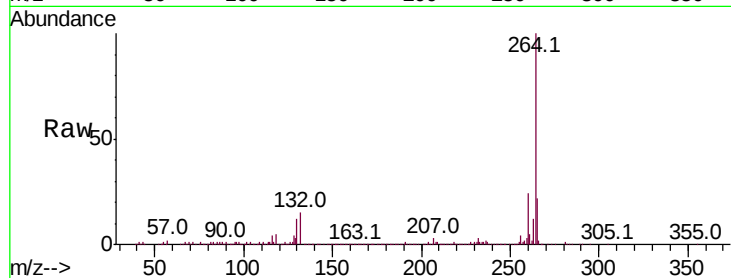




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF113930.D
Acq: 23 Apr 2019 19:38

Instrument :
BNA_F
ClientSampleId :
P3P4042219

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.7	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

