

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113925.D
 Acq On : 23 Apr 2019 17:26
 Operator : JU/SJ
 Sample : K2532-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Apr 24 05:57:44 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

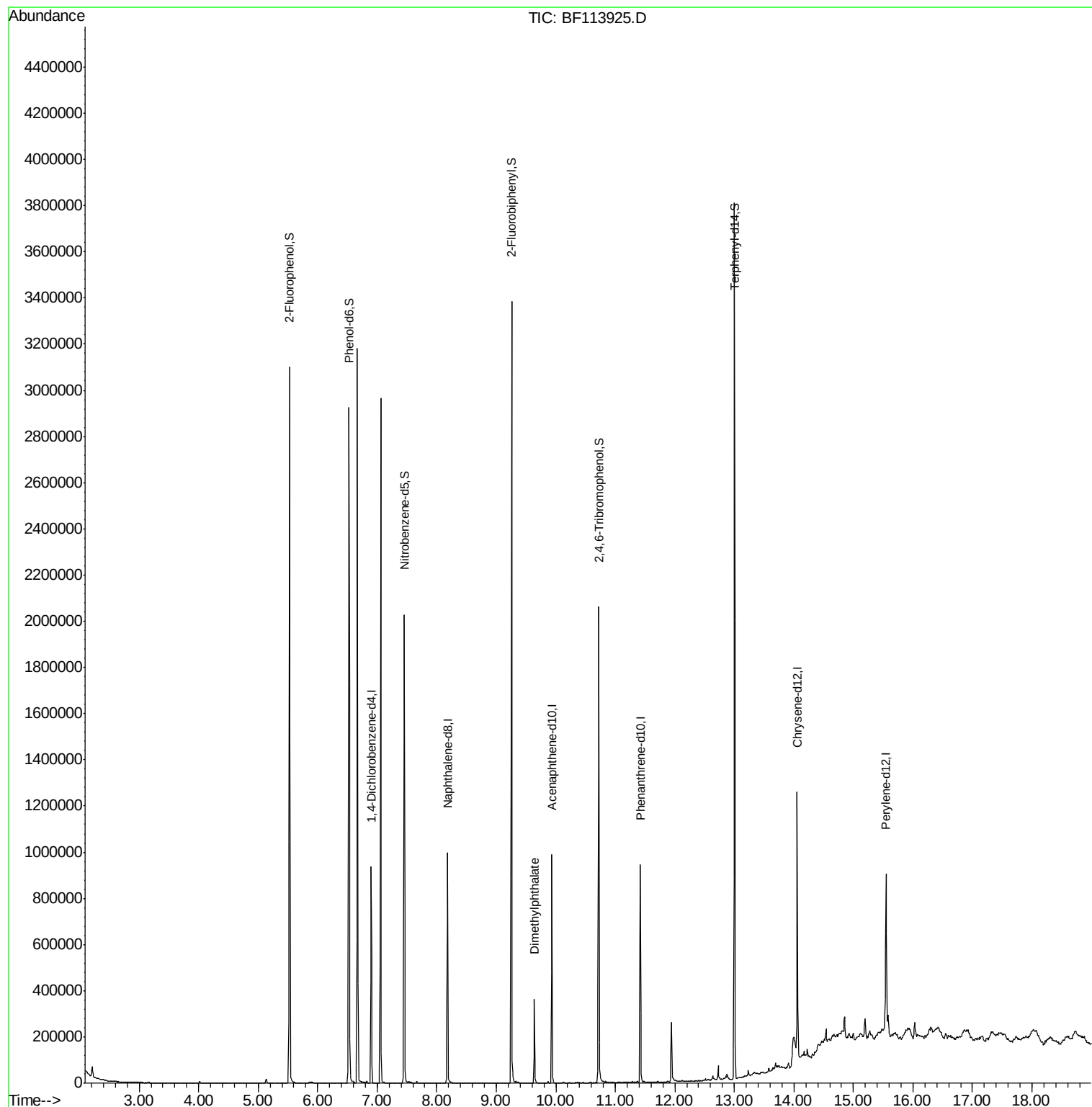
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	131911	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	444015	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	194971	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	356996	20.00	ng	0.00
76) Chrysene-d12	14.06	240	383192	20.00	ng	-0.01
87) Perylene-d12	15.55	264	336126	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	909864	117.97	ng	0.01
7) Phenol-d6	6.53	99	1149283	118.77	ng	0.00
23) Nitrobenzene-d5	7.46	82	683199	95.00	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	280533	118.11	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1149169	92.18	ng	0.00
79) Terphenyl-d14	13.00	244	1308483	70.01	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.65	163	165750	11.755	ng	Qvalue 98

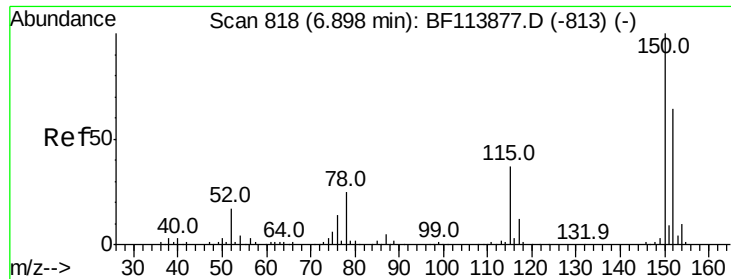
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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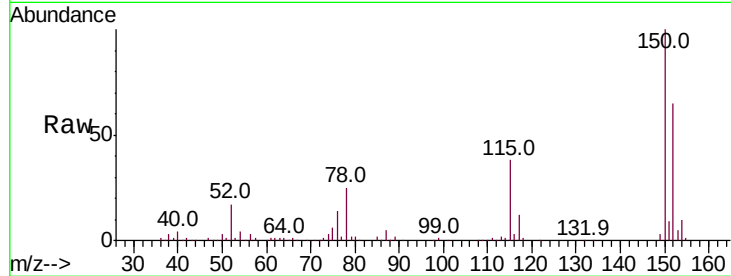


#1

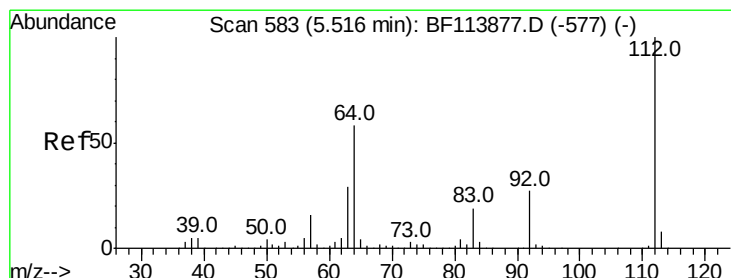
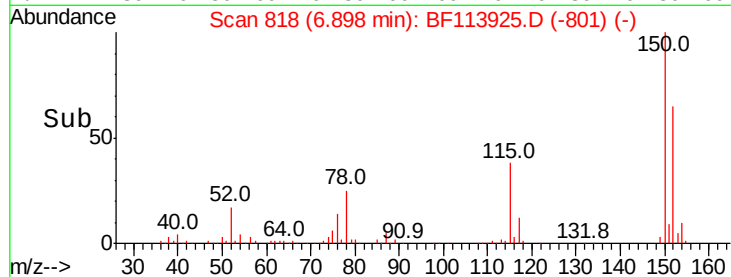
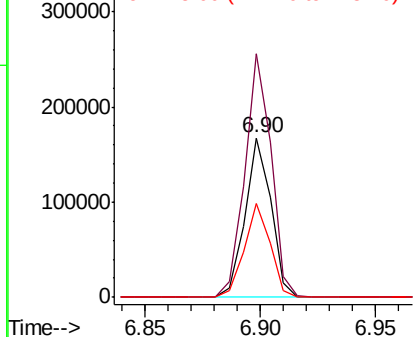
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113925.D
Acq: 23 Apr 2019 17:26

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion:152 Resp: 131911
Ion Ratio Lower Upper
152 100
150 152.8 125.9 188.9
115 58.6 45.9 68.9



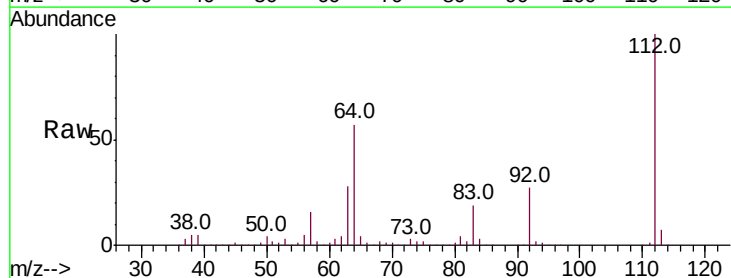
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



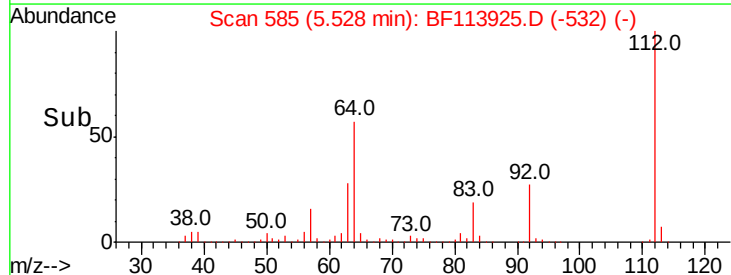
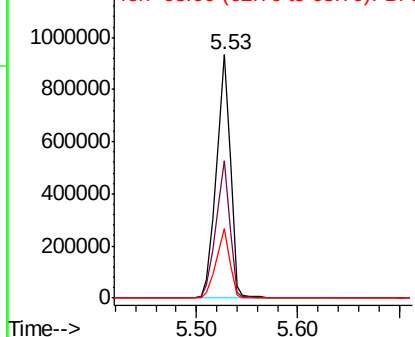
#5

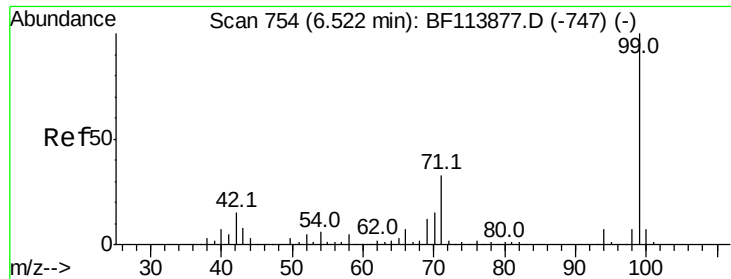
2-Fluorophenol
Concen: 117.973 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF113925.D
Acq: 23 Apr 2019 17:26

Tgt Ion:112 Resp: 909864
Ion Ratio Lower Upper
112 100
64 56.6 46.6 69.8
63 28.4 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: 118.774 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113925.D

Acq: 23 Apr 2019 17:26

Instrument :

BNA_F

ClientSampled :

TP-4

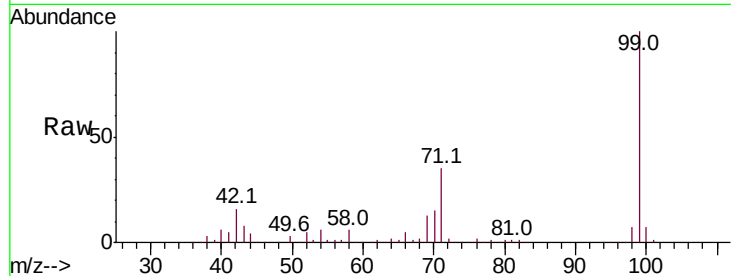
Tot Ion: 99 Resp: 1149283

Ion Ratio Lower Upper

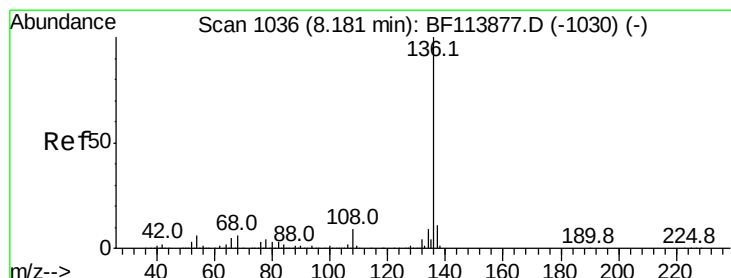
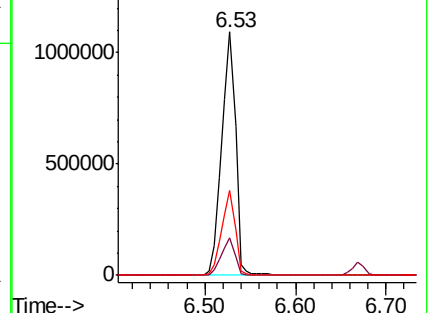
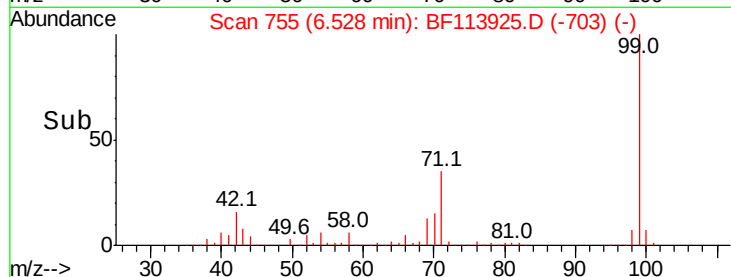
99 100

42 15.6 12.5 18.7

71 34.8 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: BF113925.D

Acq: 23 Apr 2019 17:26

Tgt Ion: 136 Resp: 444015

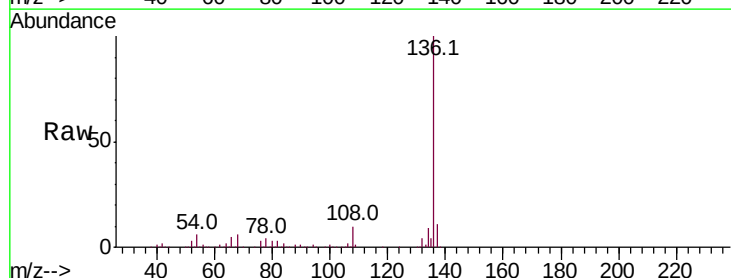
Ion Ratio Lower Upper

136 100

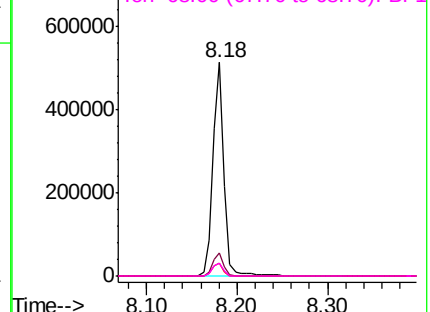
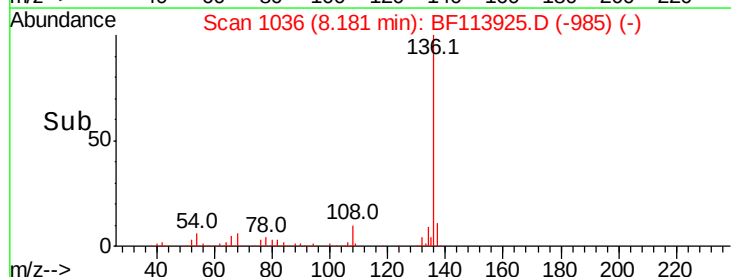
137 10.8 8.6 12.8

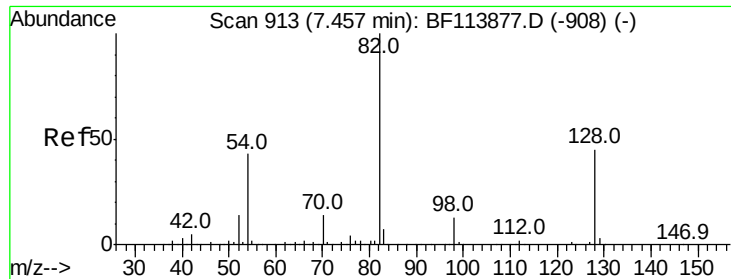
54 6.2 5.0 7.6

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

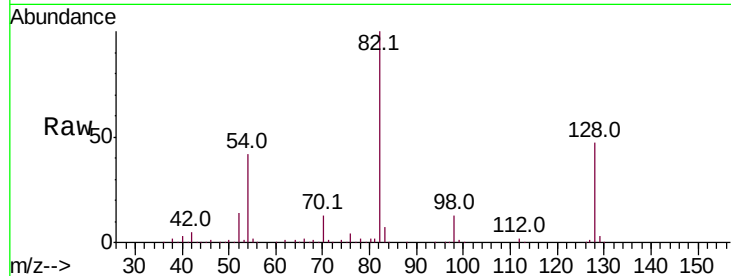




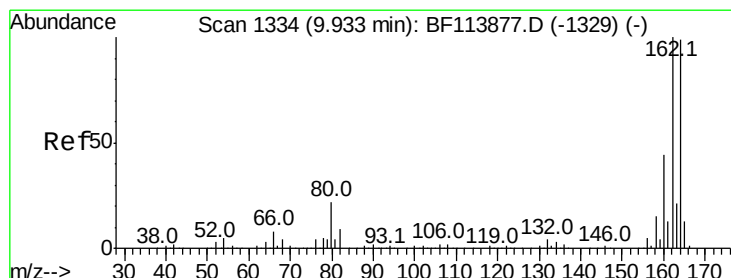
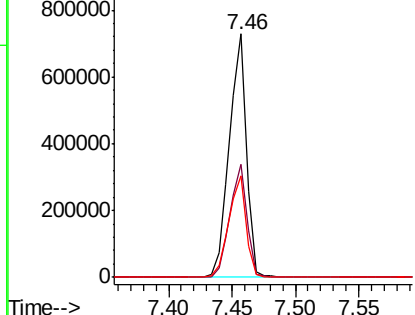
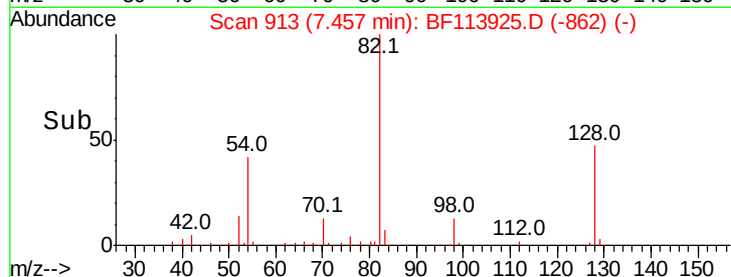
#23
Nitrobenzene-d5
Concen: 95.004 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF113925.D
Acq: 23 Apr 2019 17:26

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	82	Resp	683199
Ion Ratio	100	Lower	Upper
128	46.6	36.8	55.2
54	41.9	33.8	50.6

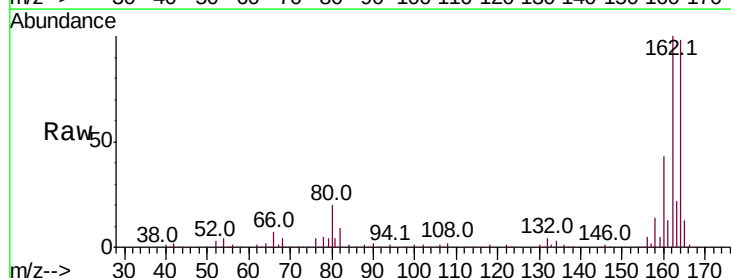


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

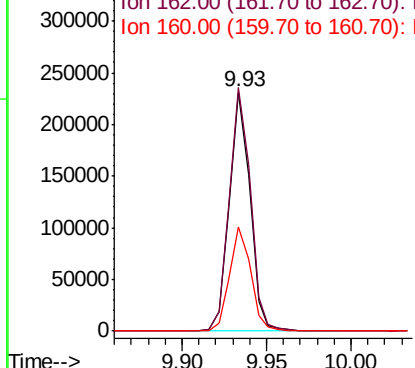
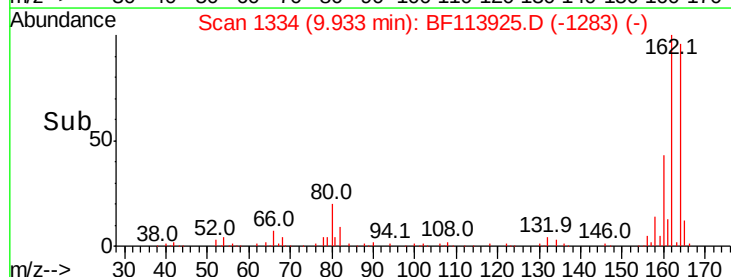


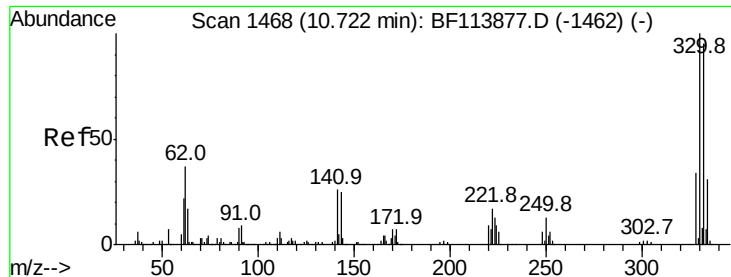
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113925.D
Acq: 23 Apr 2019 17:26

Tgt Ion	164	Resp	194971
Ion Ratio	100	Lower	Upper
162	102.0	81.1	121.7
160	43.6	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: 118.112 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF113925.D

Acq: 23 Apr 2019 17:26

Instrument :

BNA_F

ClientSampled :

TP-4

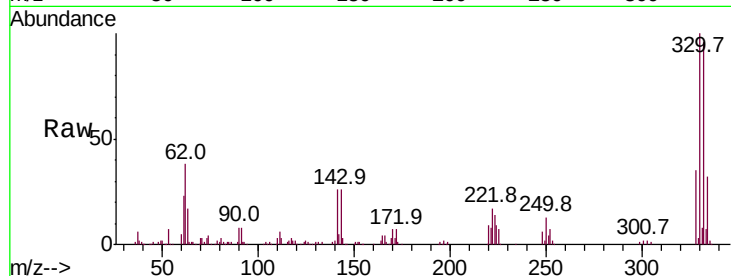
Tot Ion:330 Resp: 280533

Ion Ratio Lower Upper

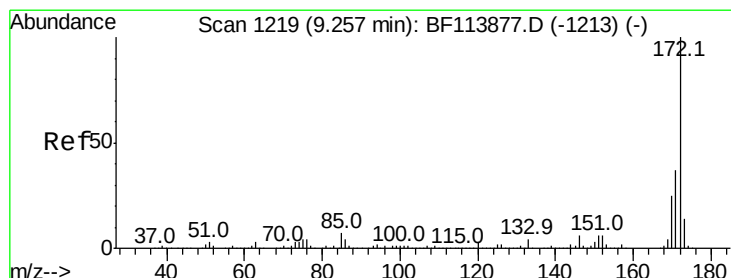
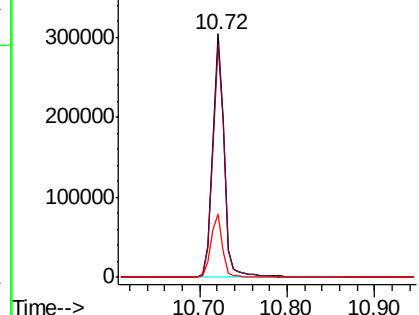
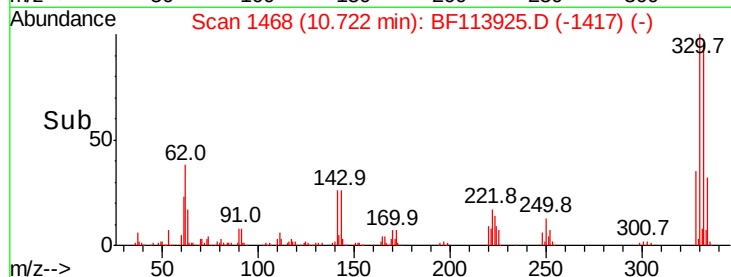
330 100

332 96.8 77.5 116.3

141 26.1 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: 92.184 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF113925.D

Acq: 23 Apr 2019 17:26

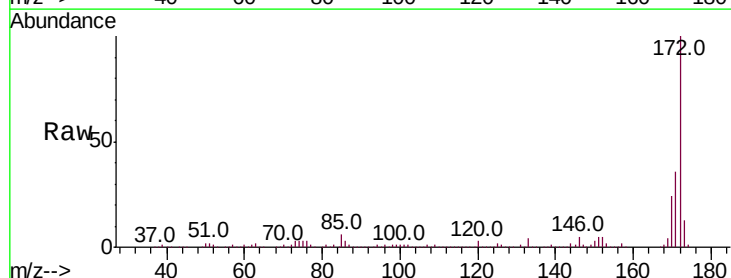
Tgt Ion:172 Resp: 1149169

Ion Ratio Lower Upper

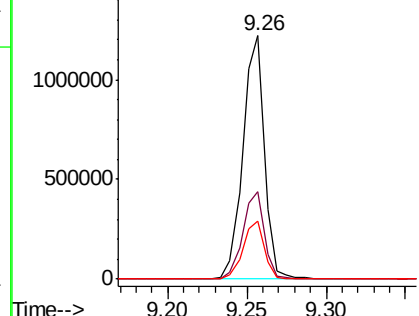
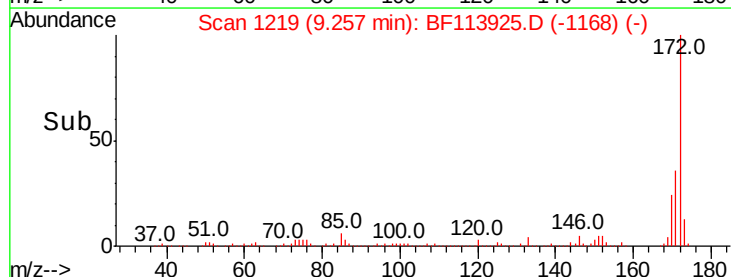
172 100

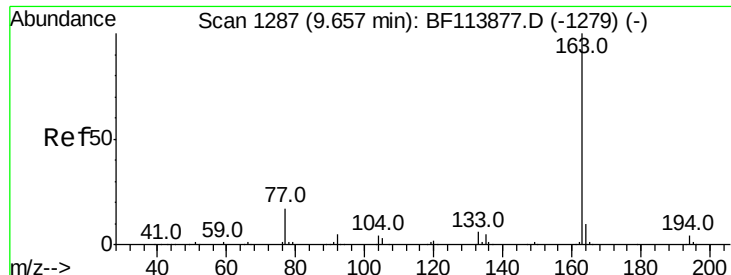
171 35.9 29.4 44.0

170 23.7 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

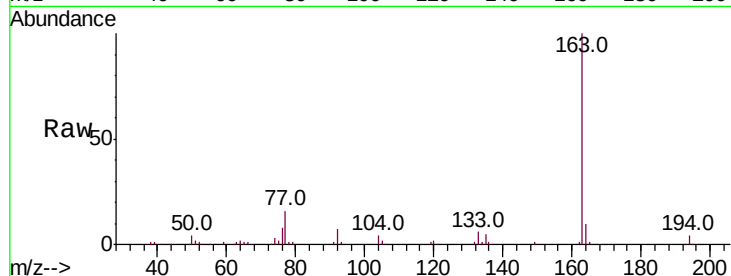




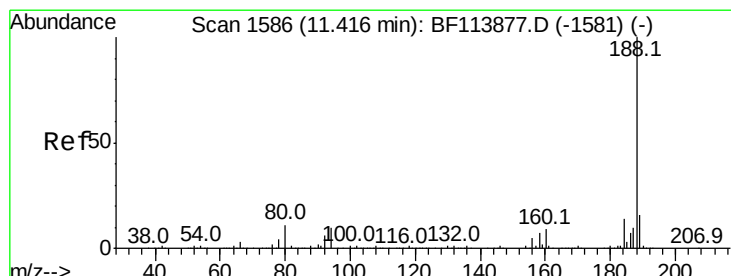
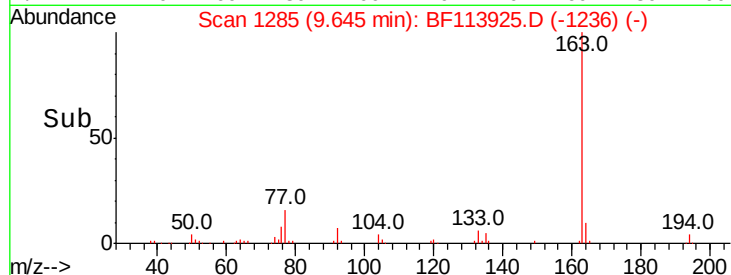
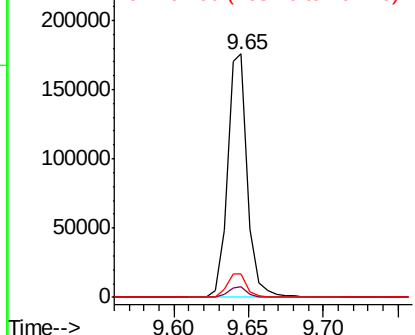
#50
 Dimethylphthalate
 Concen: 11.755 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BF113925.D
 Acq: 23 Apr 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.7	8.5	12.7

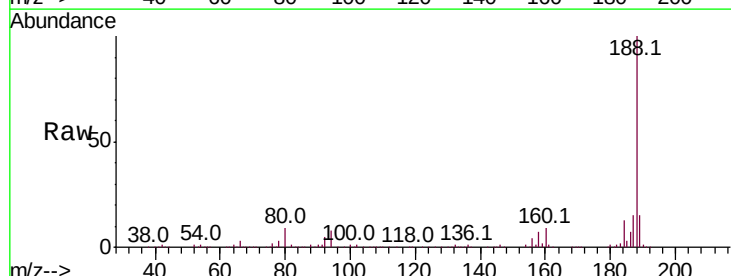


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

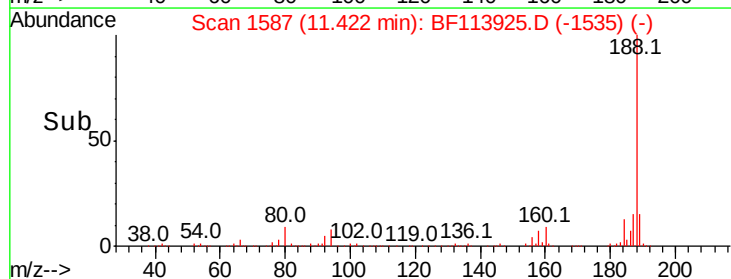
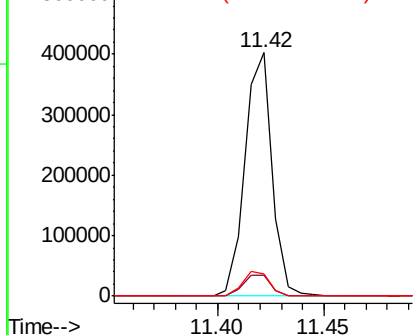


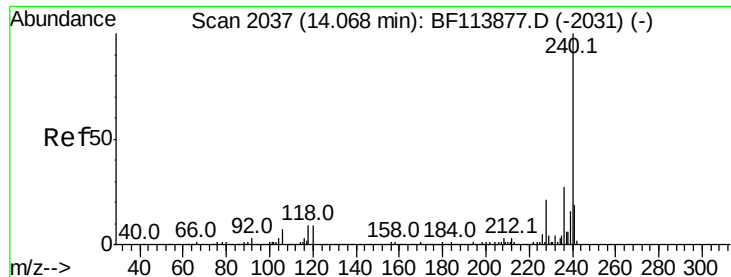
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF113925.D
 Acq: 23 Apr 2019 17:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.4
80	9.1	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

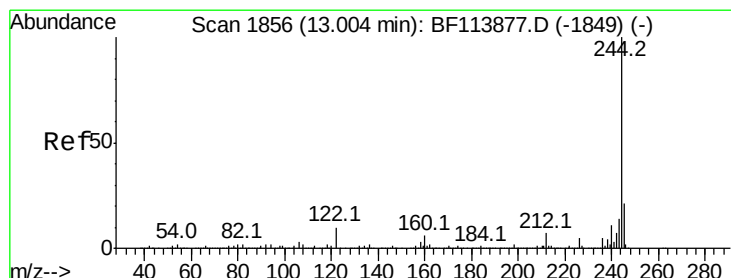
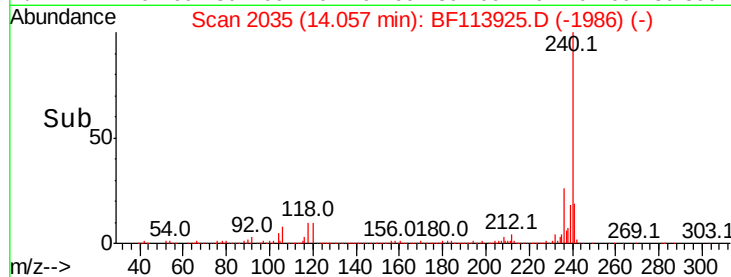
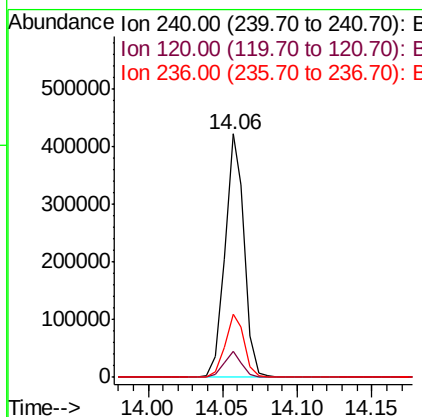
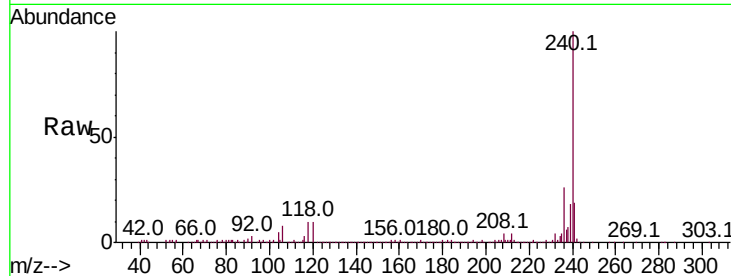




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF113925.D
 Acq: 23 Apr 2019 17:26

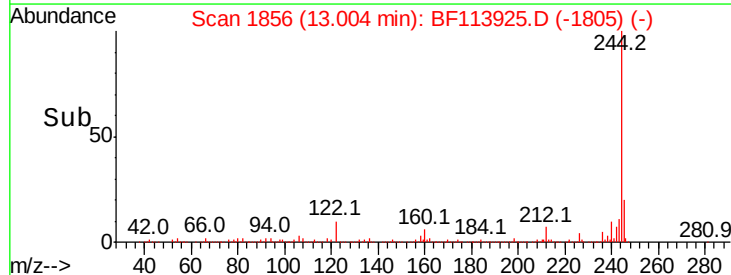
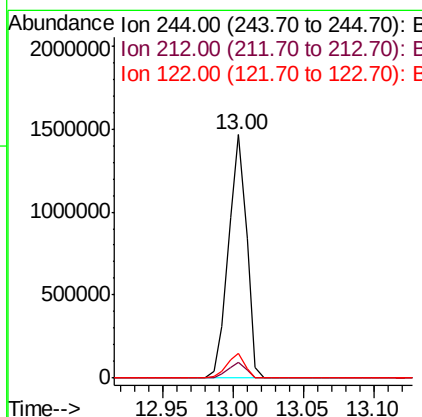
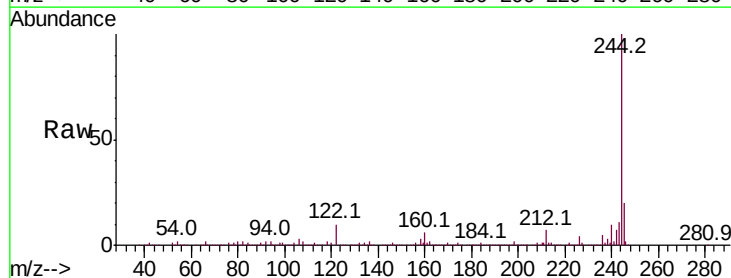
Instrument :
 BNA_F
 ClientSampled :
 TP-4

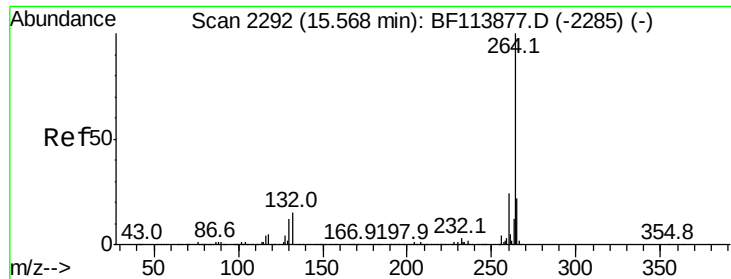
Tot Ion:240 Resp: 383192
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.3 13.9
 236 25.7 21.2 31.8



#79
 Terphenyl-d14
 Concen: 70.006 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BF113925.D
 Acq: 23 Apr 2019 17:26

Tgt Ion:244 Resp: 1308483
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 9.9 7.6 11.4

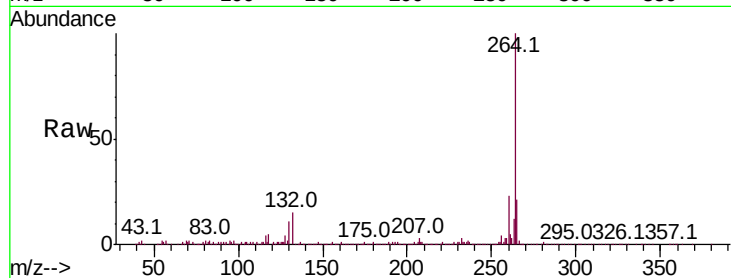




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BF113925.D
 Acq: 23 Apr 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.5	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

