

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042919\
 Data File : BF114034.D
 Acq On : 29 Apr 2019 20:20
 Operator : JU/SJ
 Sample : K2544-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 01:23:03 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

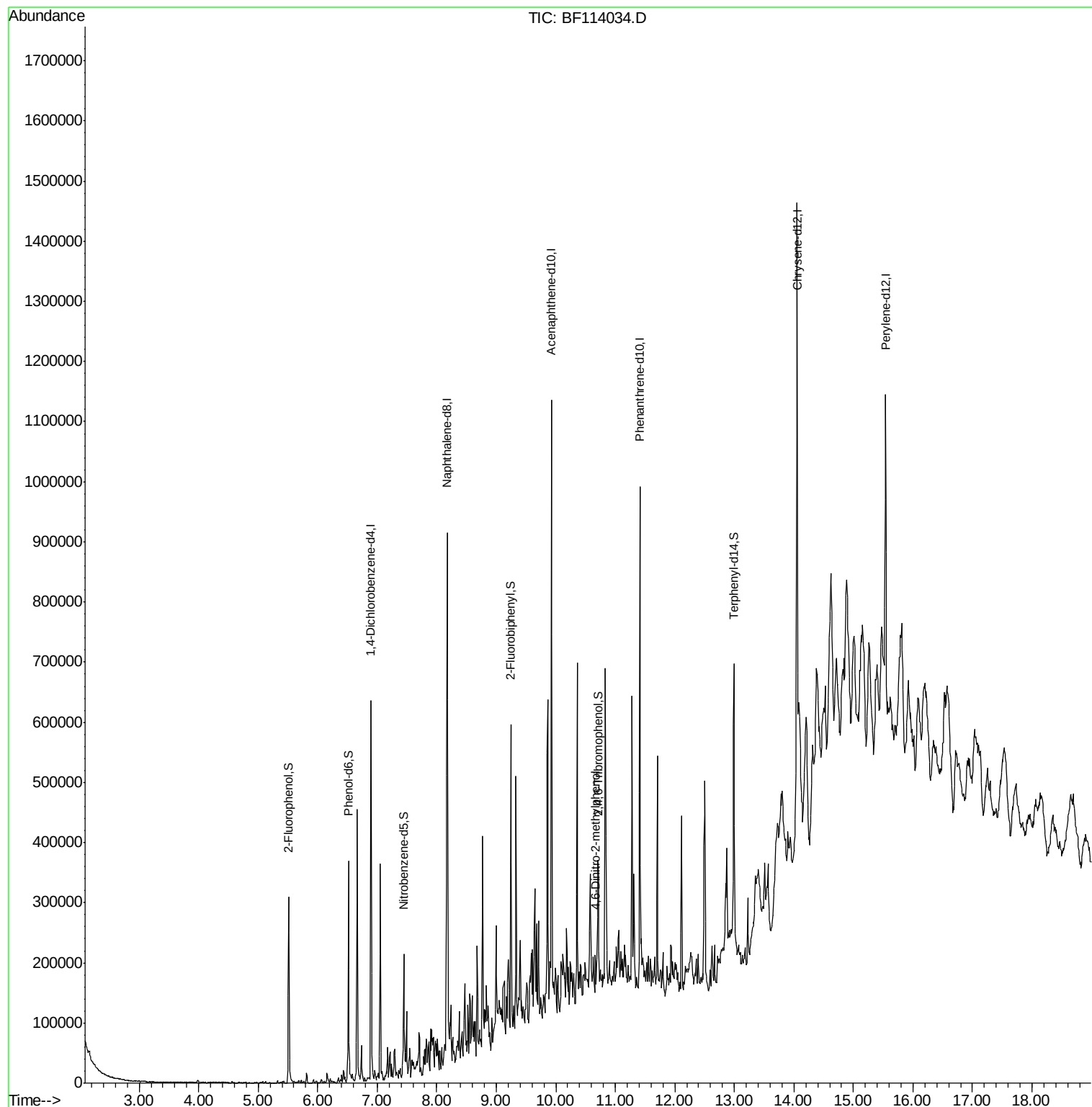
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	104568	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	383367	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	180371	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	316812	20.00	ng	0.00
76) Chrysene-d12	14.05	240	302245	20.00	ng	-0.02
87) Perylene-d12	15.54	264	295247	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	102432	16.75	ng	0.00
7) Phenol-d6	6.52	99	137794	17.96	ng	0.00
23) Nitrobenzene-d5	7.45	82	76018	12.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	32749	14.90	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	148824	12.90	ng	-0.01
79) Terphenyl-d14	12.99	244	150359	10.20	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.46	77	173	Below Cal	#	1
65) 4,6-Dinitro-2-methylphenol	10.66	198	117	7.376 ng	#	1

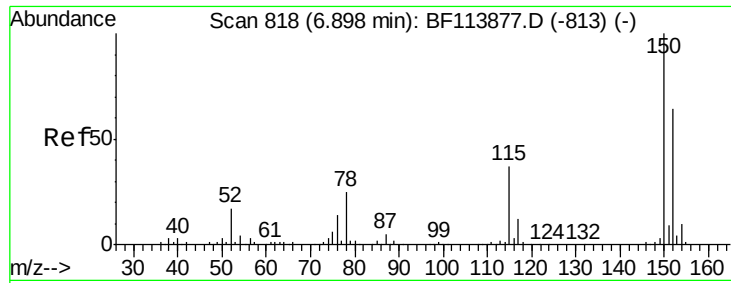
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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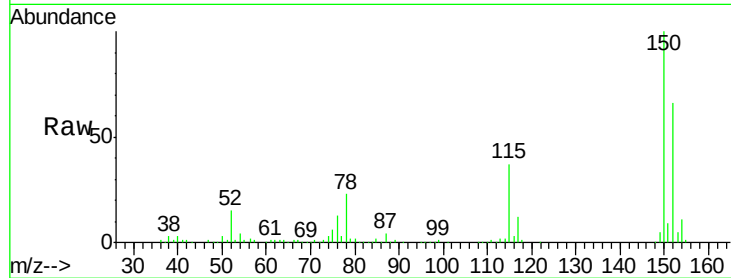


#1

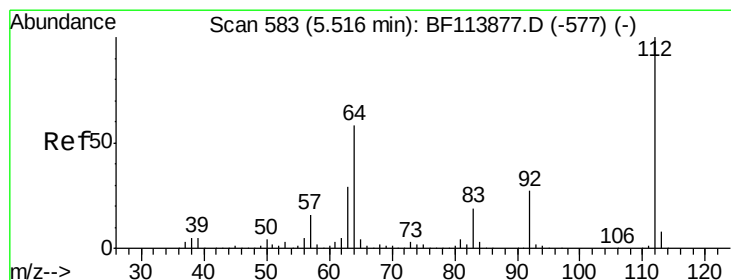
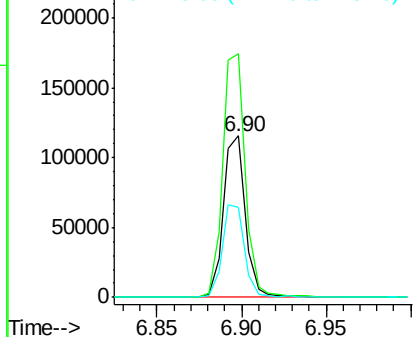
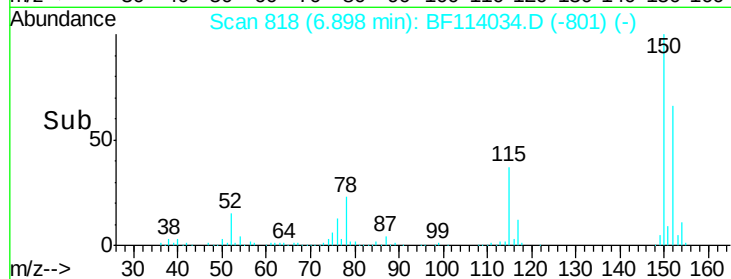
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF114034.D
Acq: 29 Apr 2019 20:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 104568
Ion Ratio Lower Upper
152 100
150 150.7 125.9 188.9
115 55.4 45.9 68.9



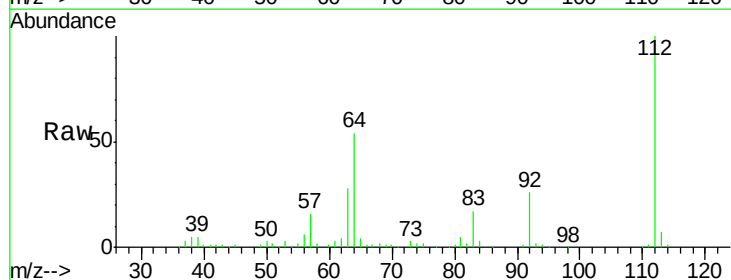
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



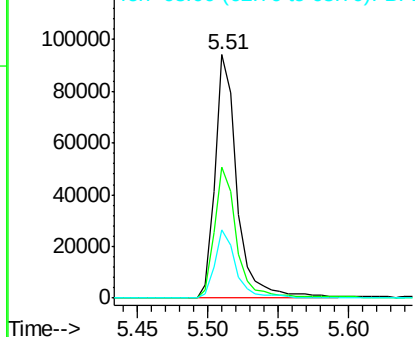
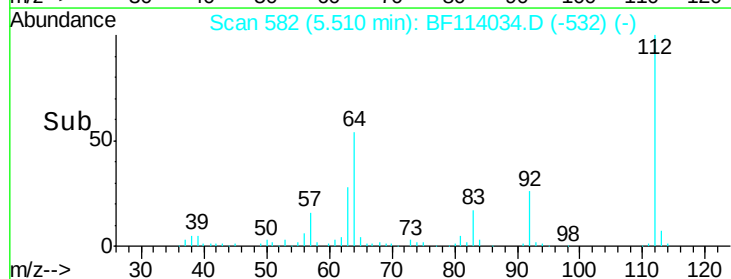
#5

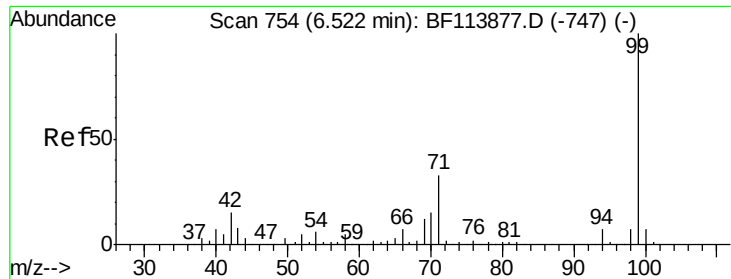
2-Fluorophenol
Concen: 16.754 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF114034.D
Acq: 29 Apr 2019 20:20

Tgt Ion:112 Resp: 102432
Ion Ratio Lower Upper
112 100
64 53.9 46.6 69.8
63 28.2 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: 17.964 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114034.D

Acq: 29 Apr 2019 20:20

Instrument :

BNA_F

ClientSampleId :

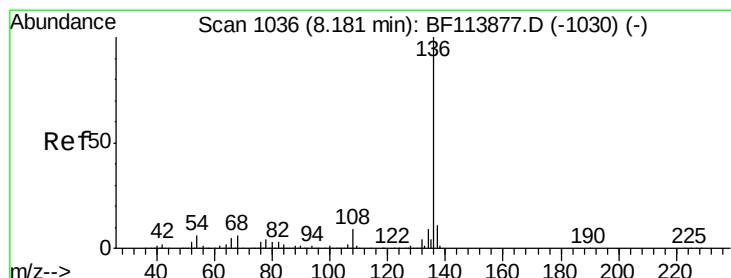
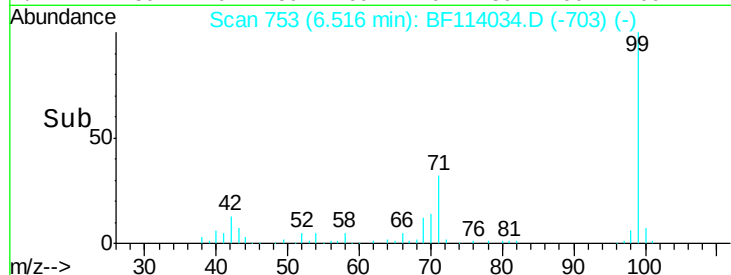
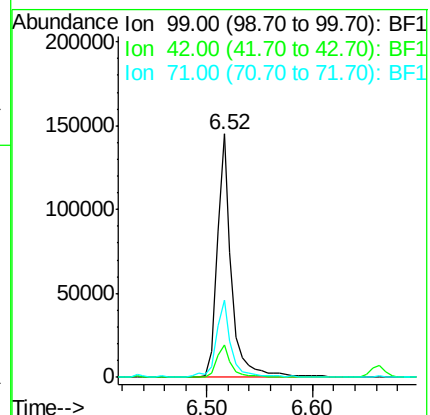
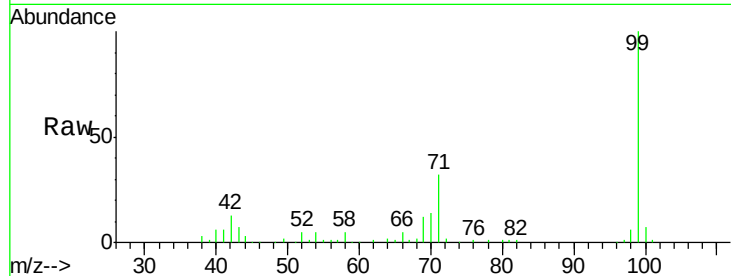
Tot Ion: 99 Resp: 137794

Ion Ratio Lower Upper

99 100

42 13.1 12.5 18.7

71 31.6 26.9 40.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114034.D

Acq: 29 Apr 2019 20:20

Tgt Ion: 136 Resp: 383367

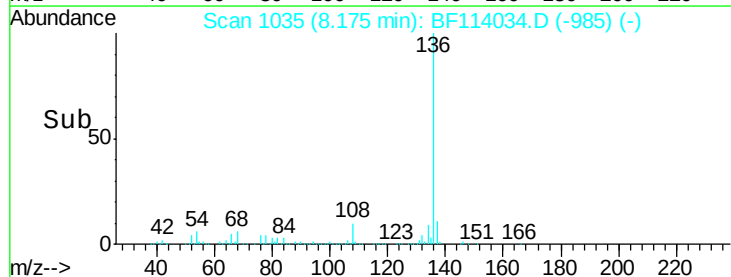
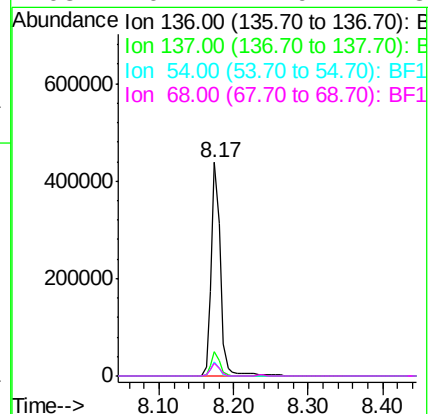
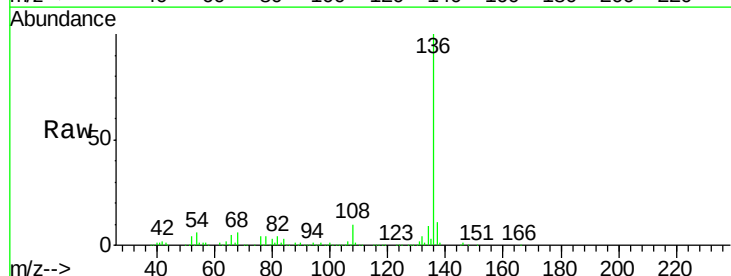
Ion Ratio Lower Upper

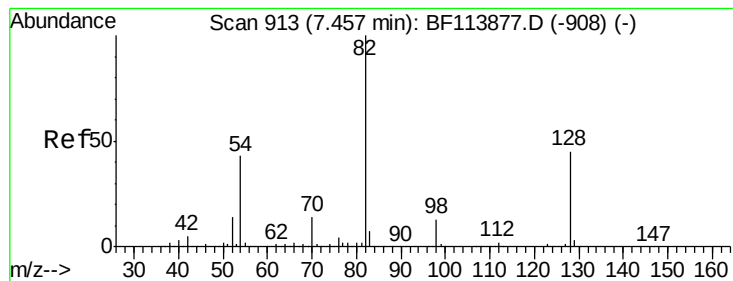
136 100

137 11.1 8.6 12.8

54 6.4 5.0 7.6

68 6.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 12.243 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF114034.D

Acq: 29 Apr 2019 20:20

Instrument :

BNA_F

ClientSampleId :

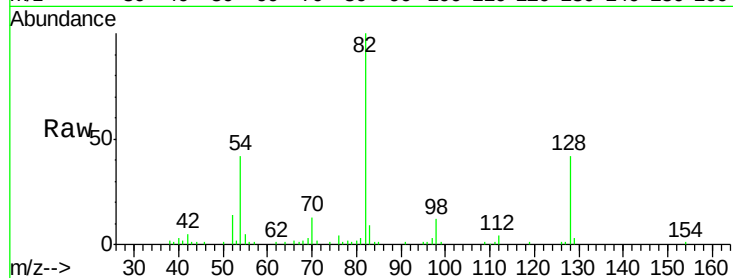
Tot Ion: 82 Resp: 76018

Ion Ratio Lower Upper

82 100

128 42.0 36.8 55.2

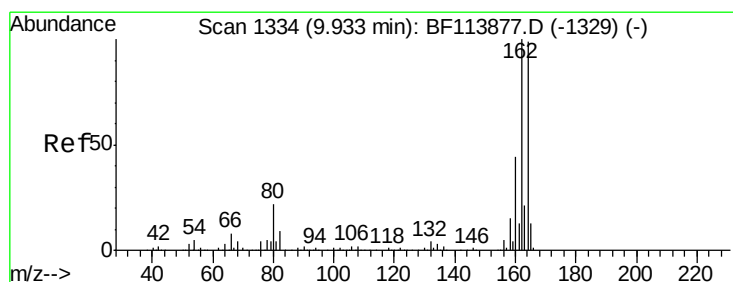
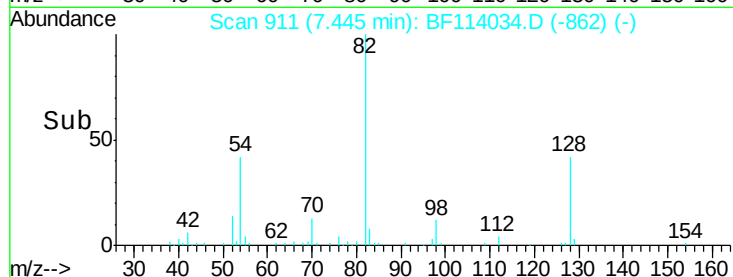
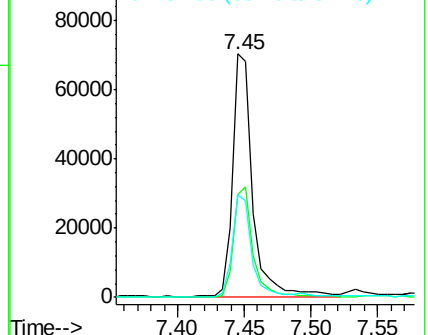
54 42.3 33.8 50.6



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# 1333

Delta R.T. -0.01 min

Lab File: BF114034.D

Acq: 29 Apr 2019 20:20

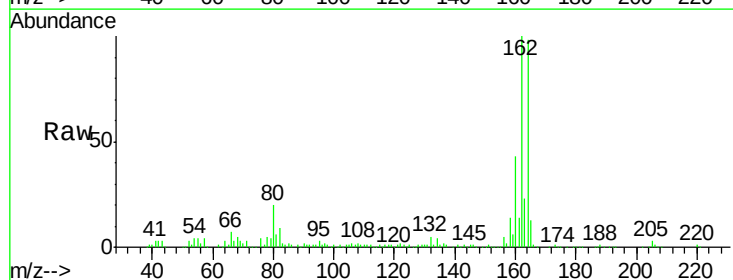
Tgt Ion:164 Resp: 180371

Ion Ratio Lower Upper

164 100

162 101.6 81.1 121.7

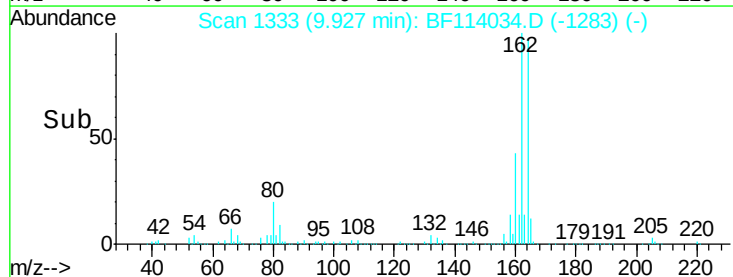
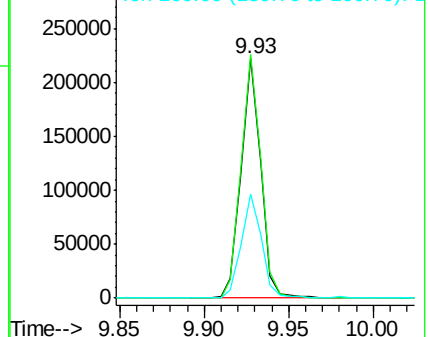
160 43.6 35.8 53.6

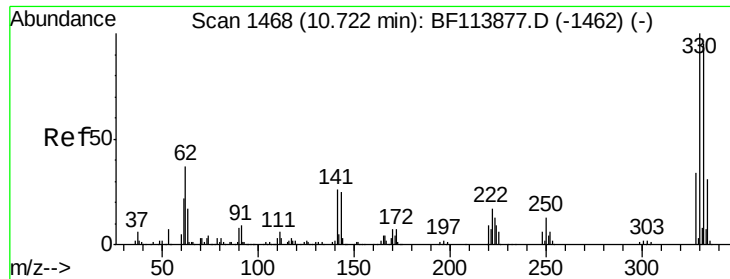


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 14.904 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF114034.D

Acq: 29 Apr 2019 20:20

Instrument :

BNA_F

ClientSampleId :

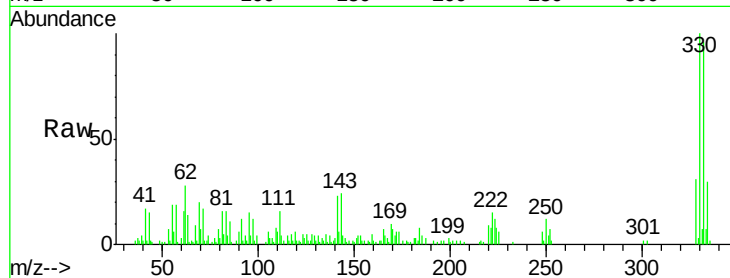
Tot Ion:330 Resp: 32749

Ion Ratio Lower Upper

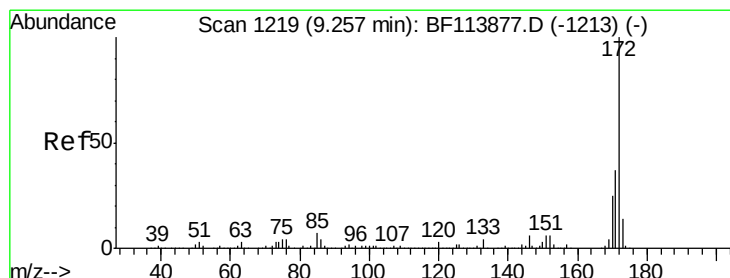
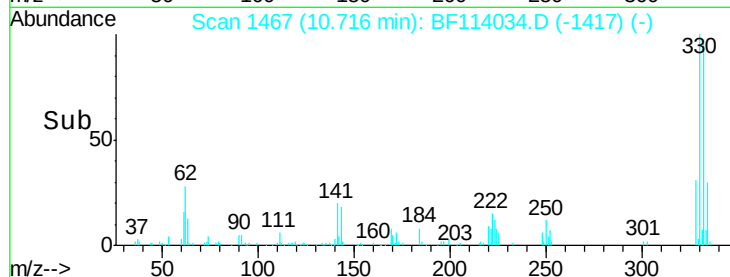
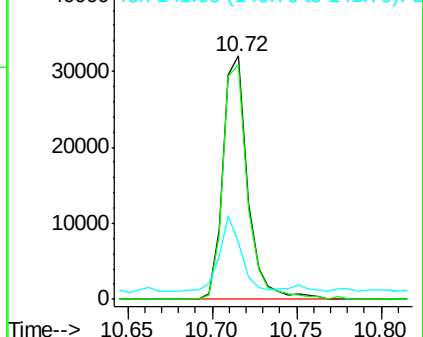
330 100

332 97.3 77.5 116.3

141 27.3 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: 12.905 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF114034.D

Acq: 29 Apr 2019 20:20

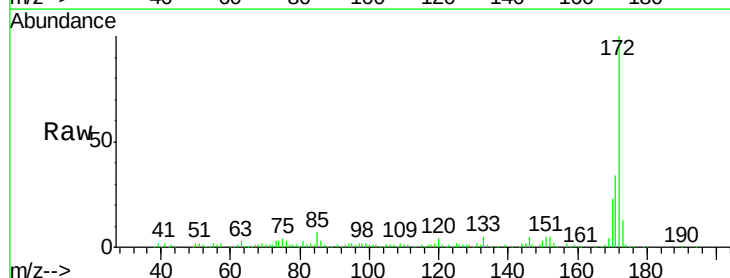
Tgt Ion:172 Resp: 148824

Ion Ratio Lower Upper

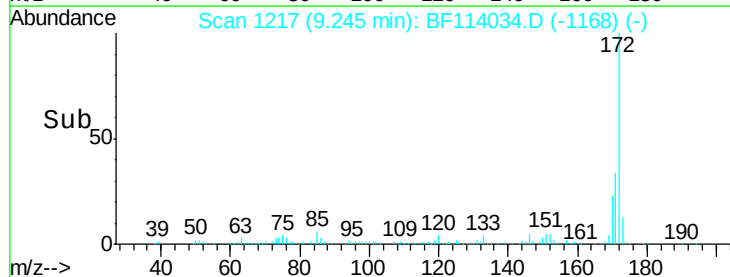
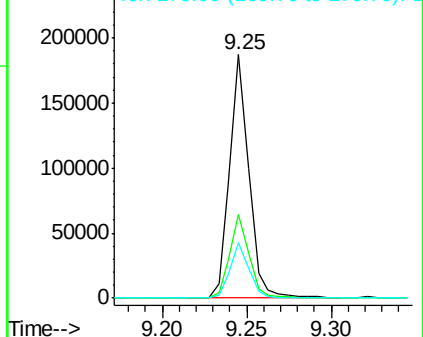
172 100

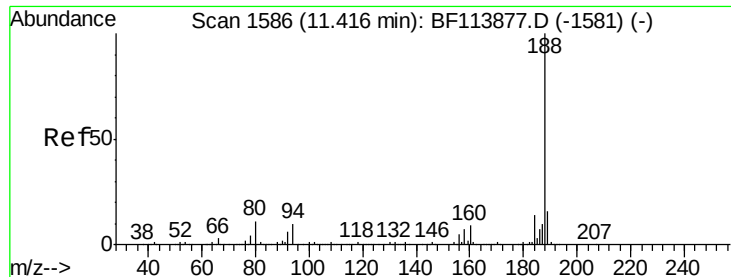
171 34.1 29.4 44.0

170 22.9 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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF114034.D

Acq: 29 Apr 2019 20:20

Instrument :

BNA_F

ClientSampleId :

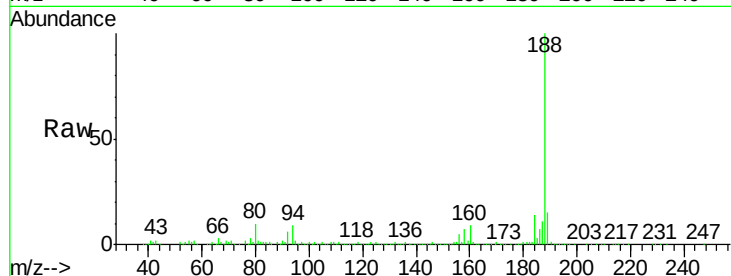
Tot Ion:188 Resp: 316812

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.4

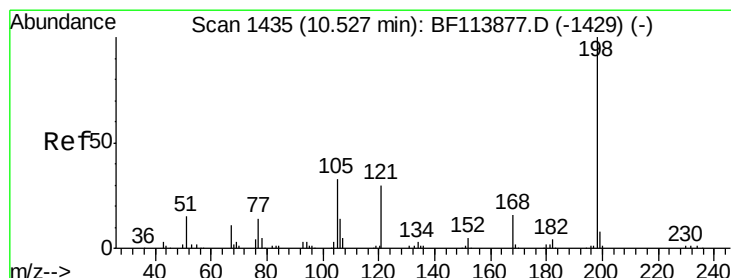
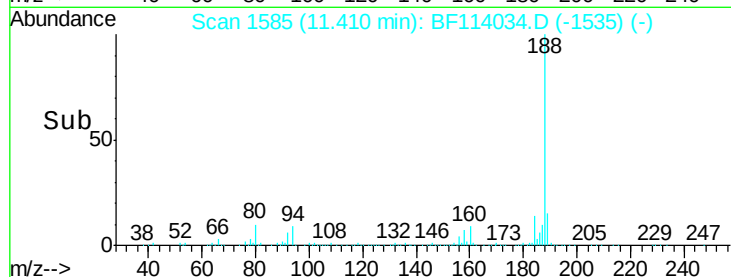
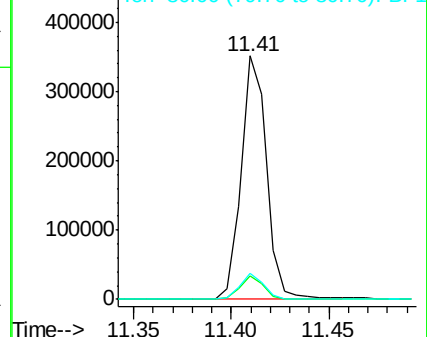
80 10.5 9.0 13.6



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



#65

4,6-Dinitro-2-methylphenol

Concen: 7.376 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.14 min

Lab File: BF114034.D

Acq: 29 Apr 2019 20:20

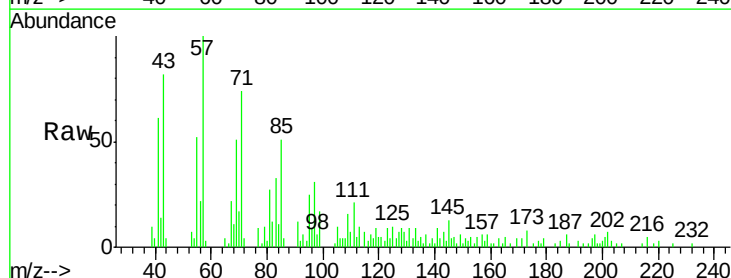
Tgt Ion:198 Resp: 117

Ion Ratio Lower Upper

198 100

51 0.0 11.1 51.1#

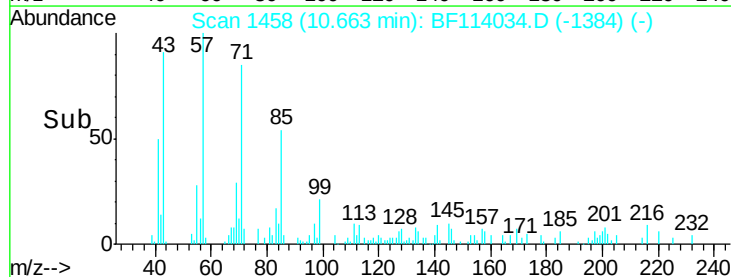
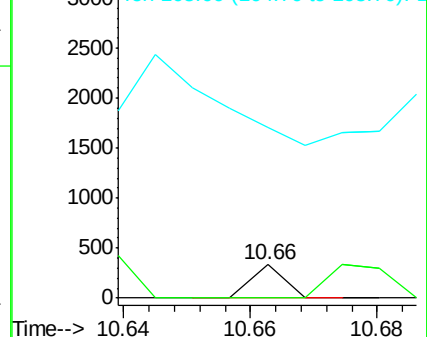
105 516.9 20.7 60.7#

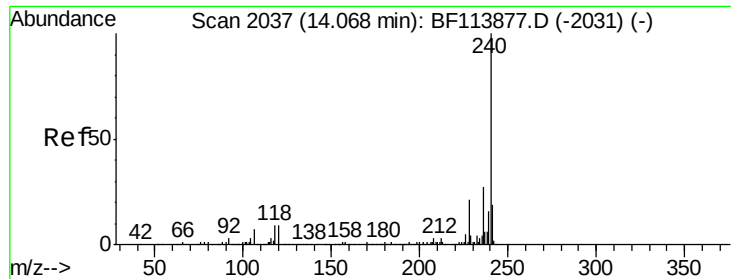


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

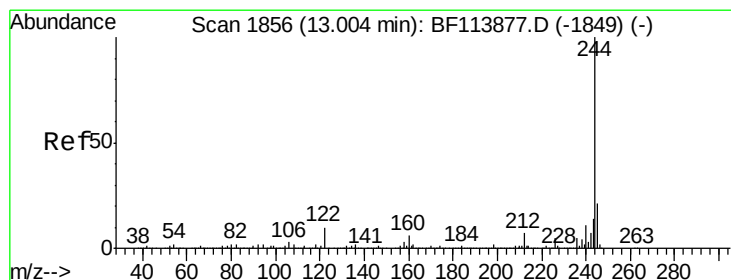
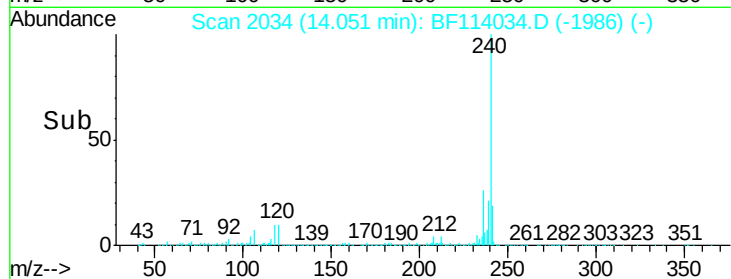
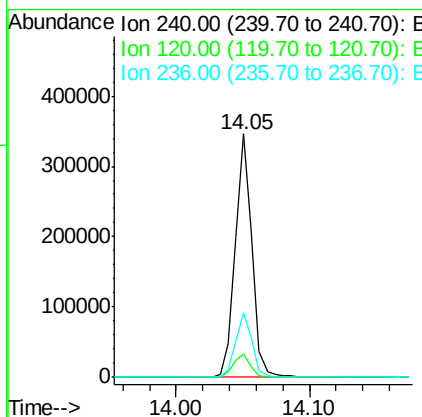
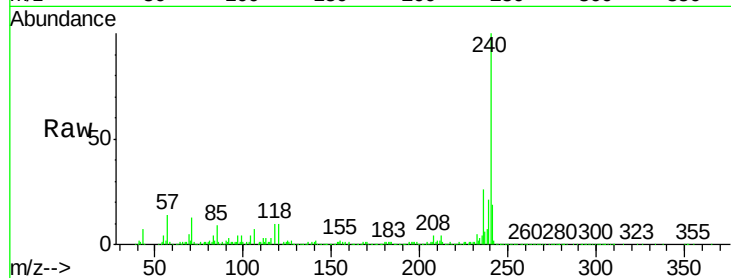




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF114034.D
 Acq: 29 Apr 2019 20:20

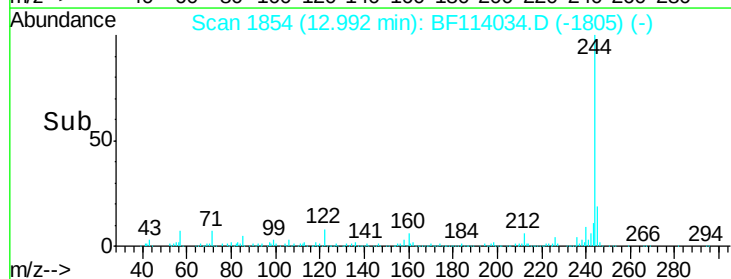
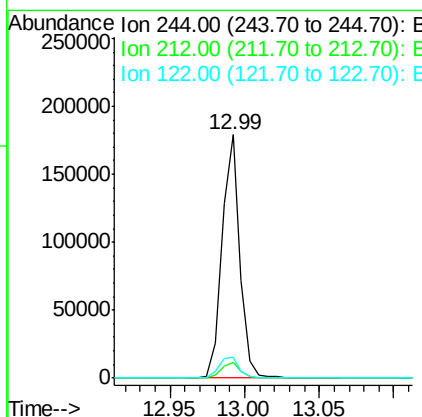
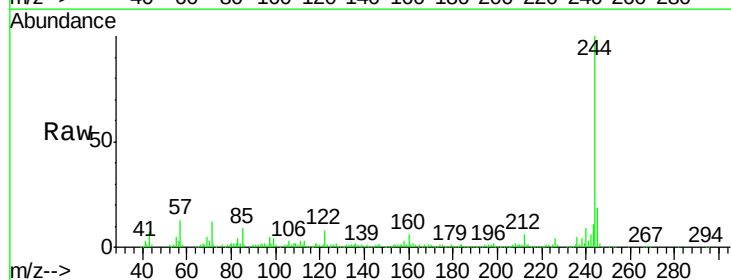
Instrument :
 BNA_F
 ClientSampleId :

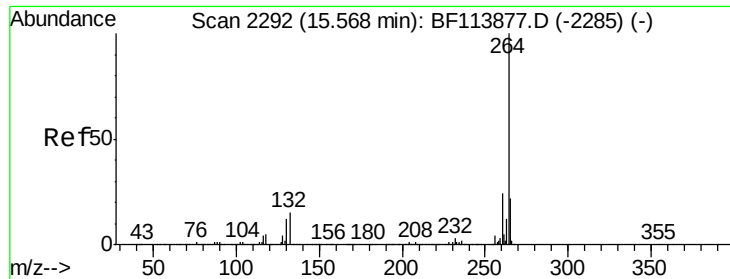
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.3	13.9
236	26.3	21.2	31.8



#79
 Terphenyl-d14
 Concen: 10.199 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF114034.D
 Acq: 29 Apr 2019 20:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.2
122	8.5	7.6	11.4

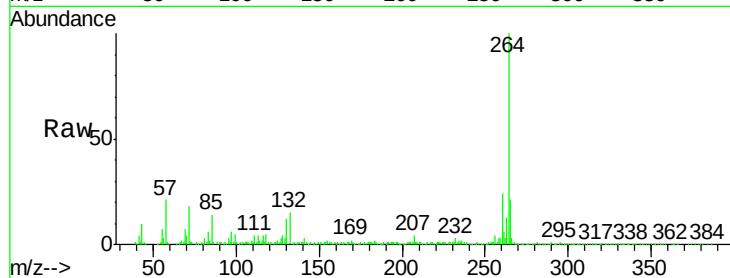




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.02 min
 Lab File: BF114034.D
 Acq: 29 Apr 2019 20:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.4	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

