

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 :
 135-20

Quant Time: Apr 30 07:23:38 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

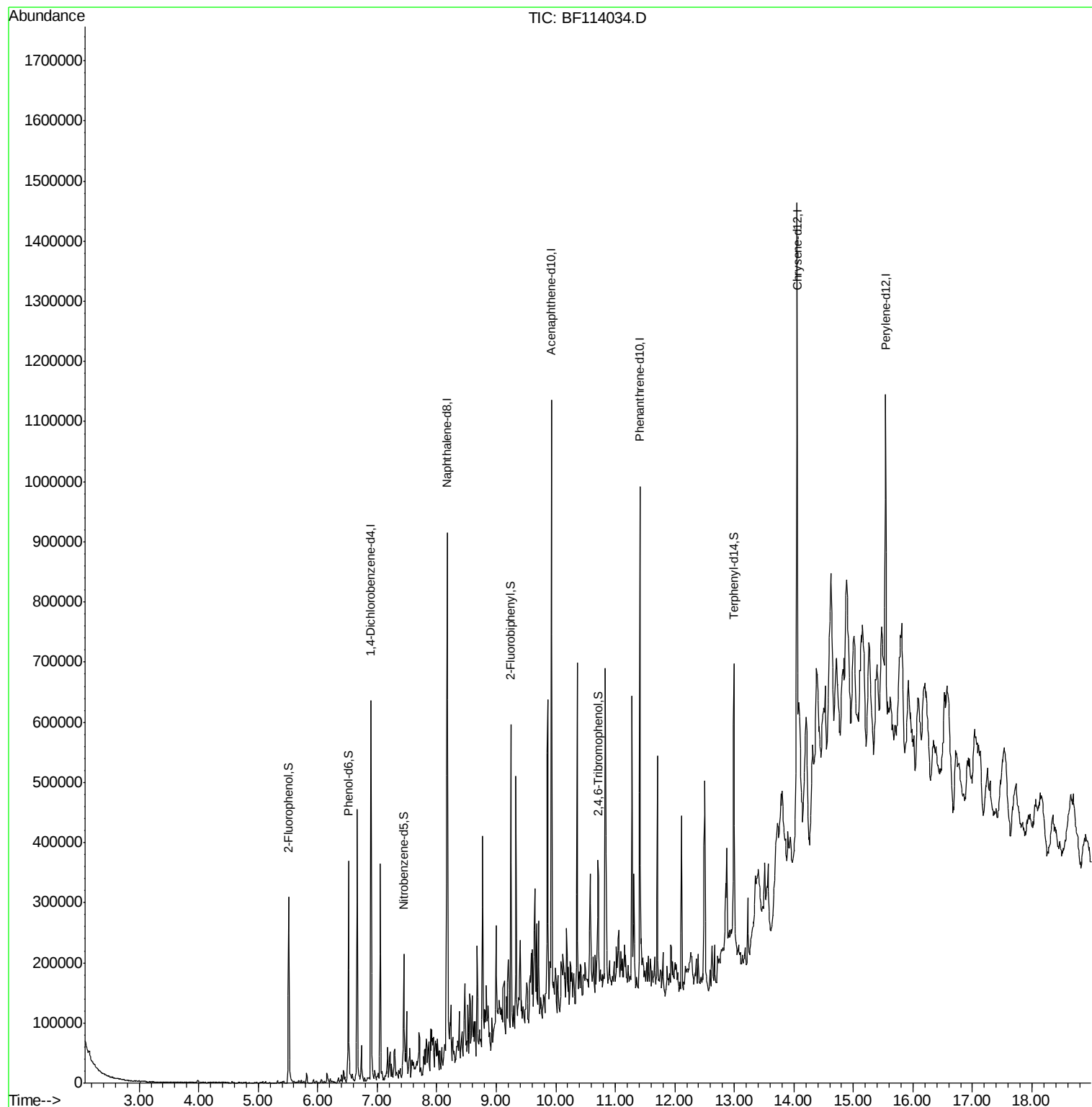
Target Compounds	Qvalue
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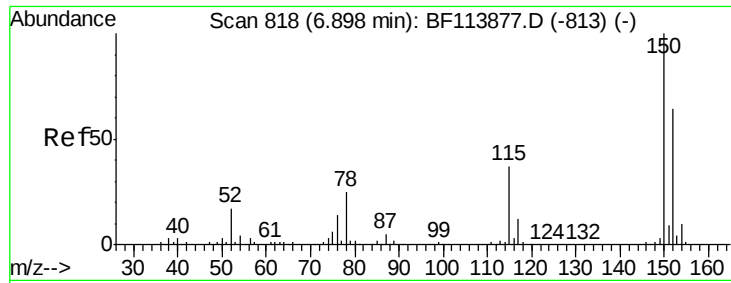
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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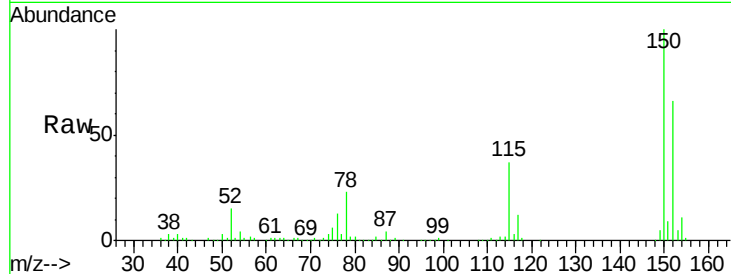


#1

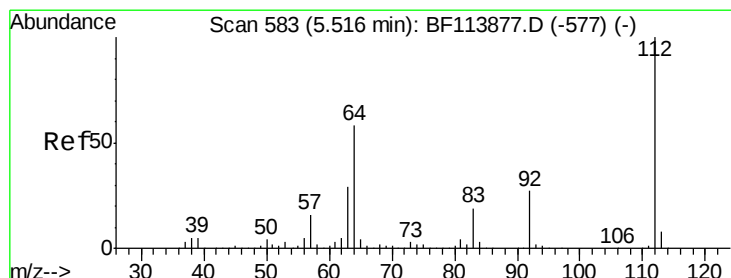
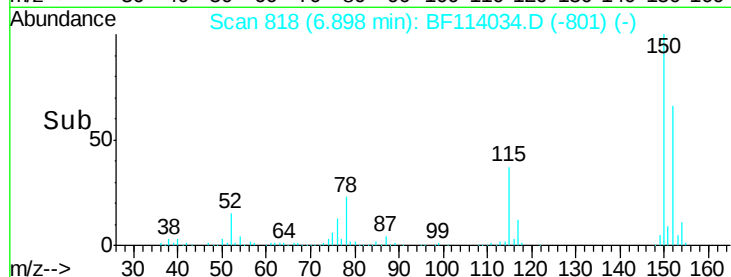
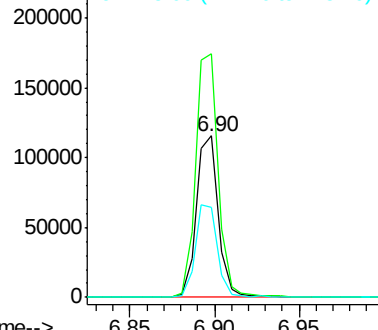
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF114034.D
Acq: 29 Apr 2019 20:20

Instrument :
BNA_F
ClientSampleId :
135-20

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



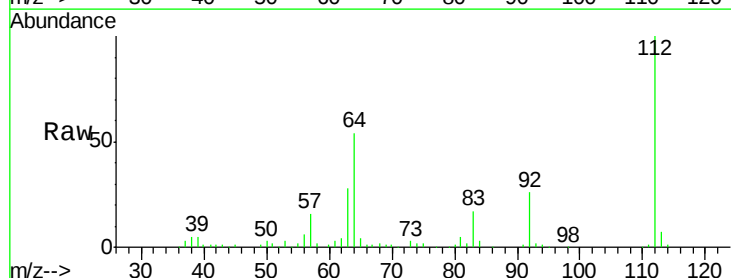
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



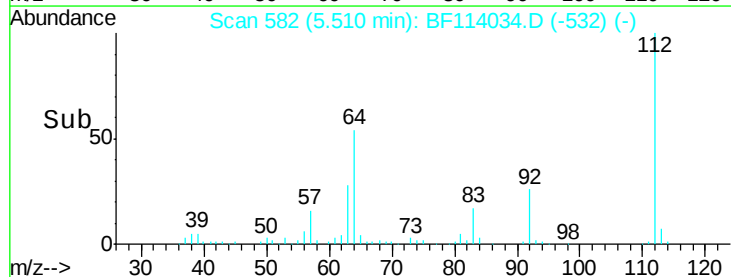
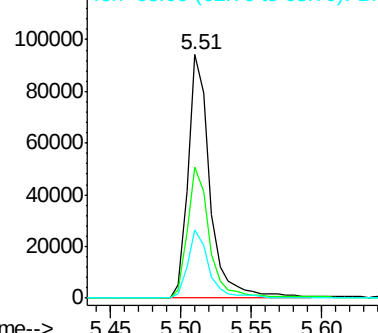
#5

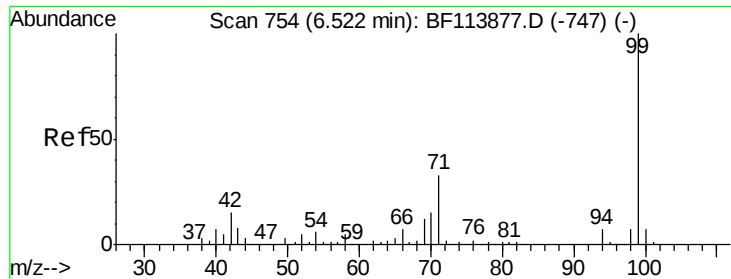
2-Fluorophenol
Concen: 16.754 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF114034.D
Acq: 29 Apr 2019 20:20

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 :

135-20

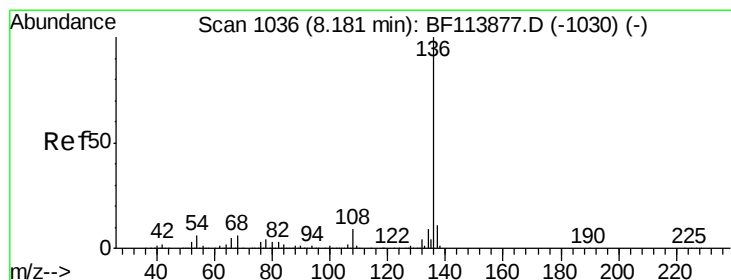
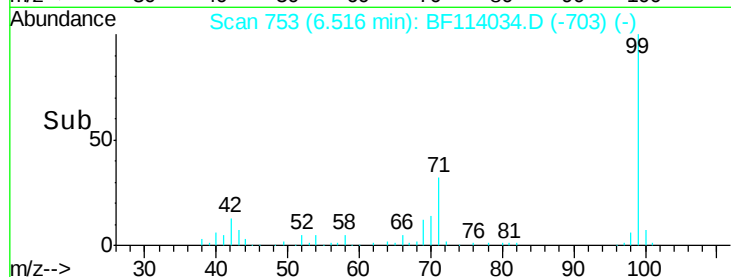
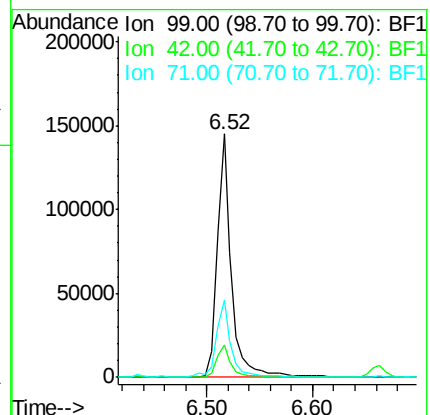
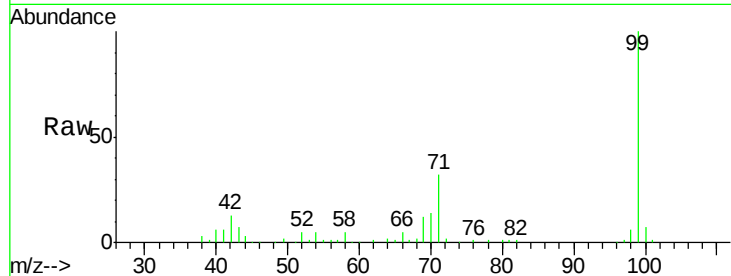
Tgt Ion: 99 Resp: 137794

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

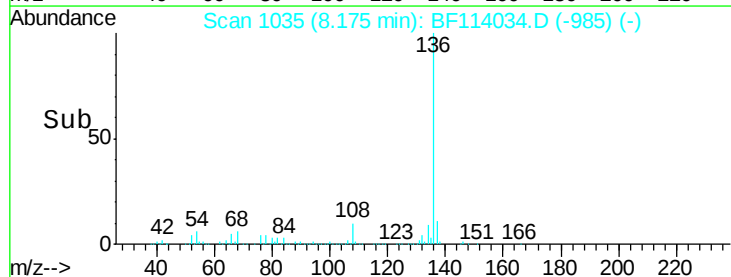
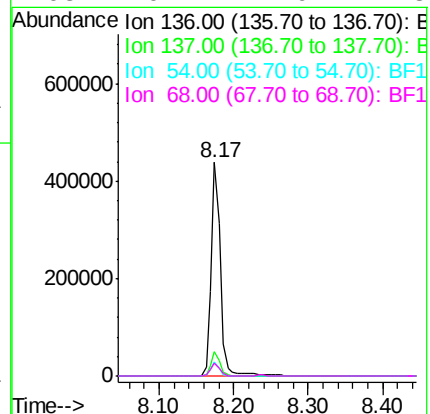
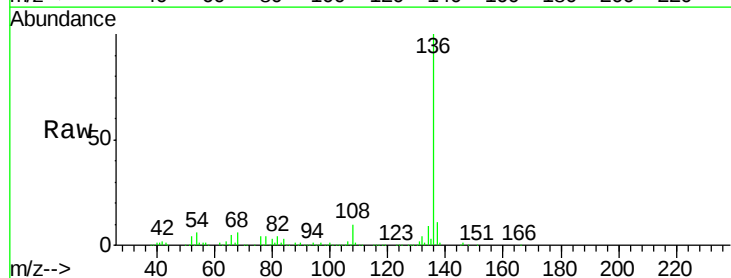
Ion Ratio Lower Upper

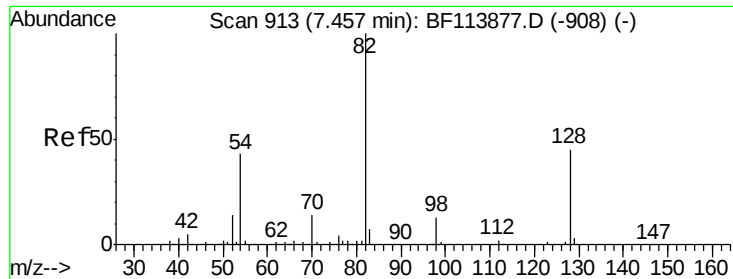
136 100

137 11.1 8.6 12.8

54 6.4 5.0 7.6

68 6.1 4.9 7.3

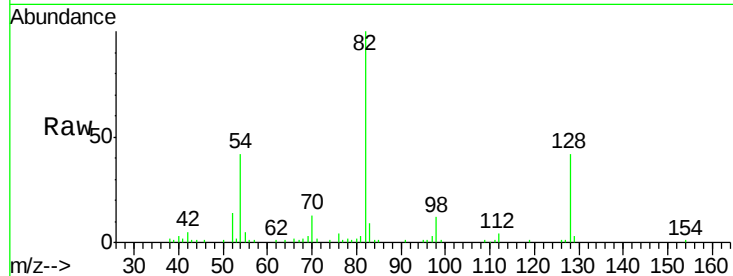




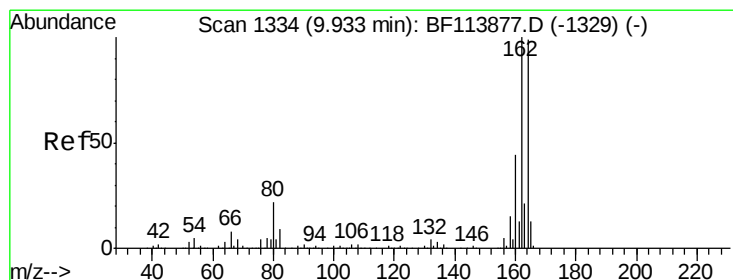
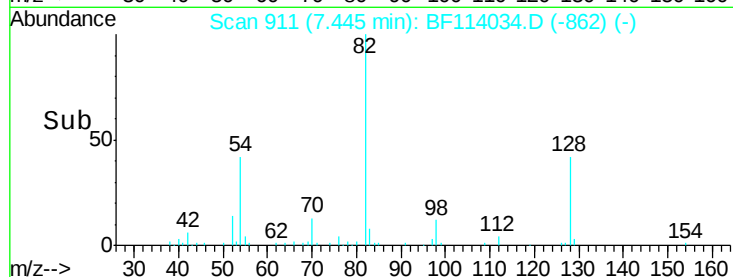
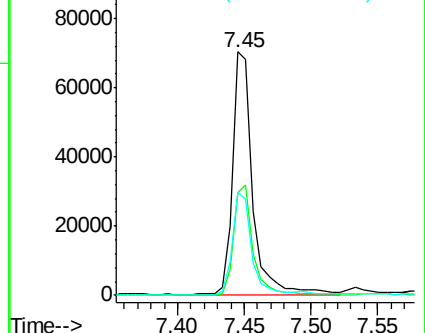
#23
 Nitrobenzene-d5
 Concen: 12.243 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF114034.D
 Acq: 29 Apr 2019 20:20

Instrument :
 BNA_F
 ClientSampleId :
 135-20

Tgt Ion: 82 Resp: 76018
 Ion Ratio Lower Upper
 82 100
 128 42.0 36.8 55.2
 54 42.3 33.8 50.6

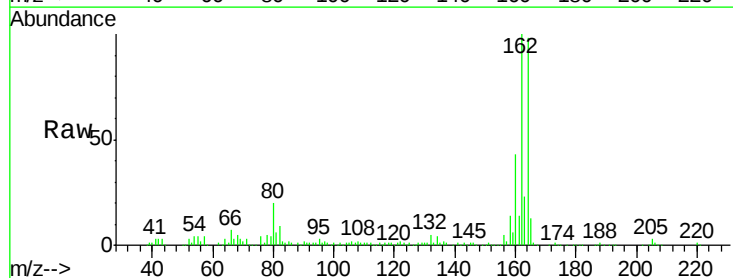


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

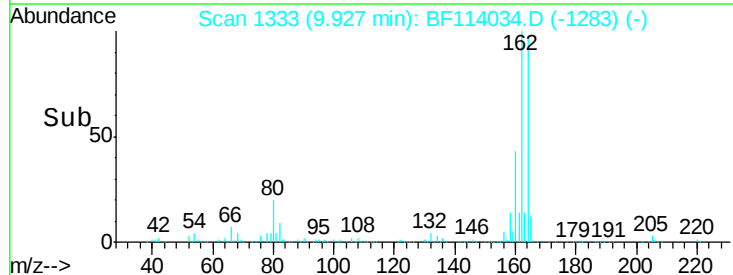
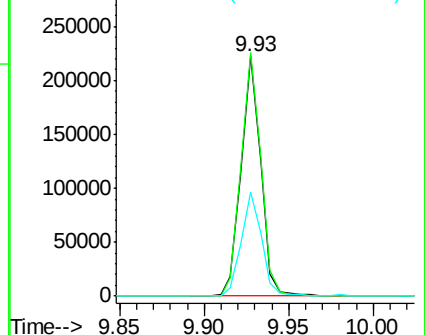


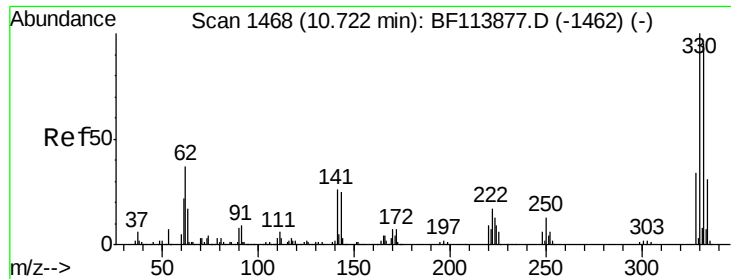
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF114034.D
 Acq: 29 Apr 2019 20:20

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

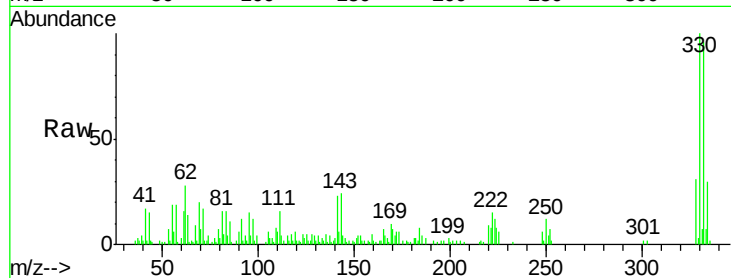




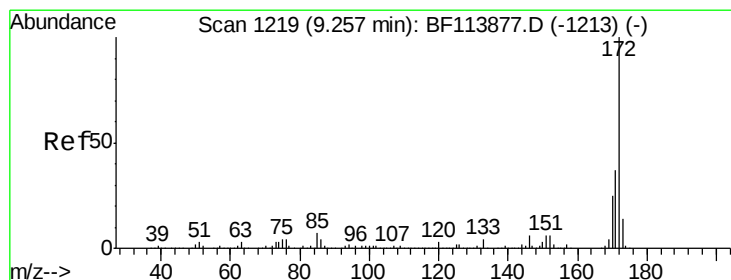
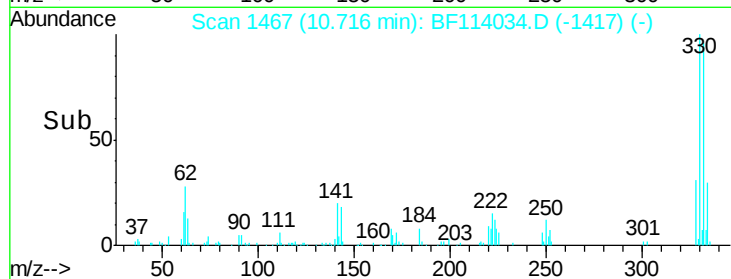
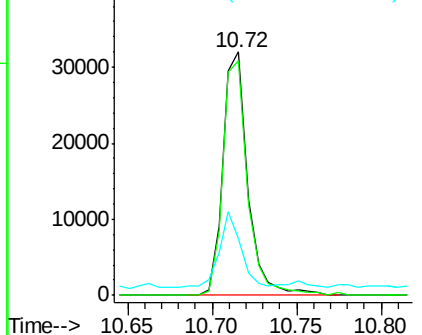
#42
 2,4,6-Tribromophenol
 Concen: 14.904 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF114034.D
 Acq: 29 Apr 2019 20:20

Instrument :
 BNA_F
 ClientSampleId :
 135-20

Tgt Ion:330 Resp: 32749
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.5 116.3
 141 27.3 22.2 33.2

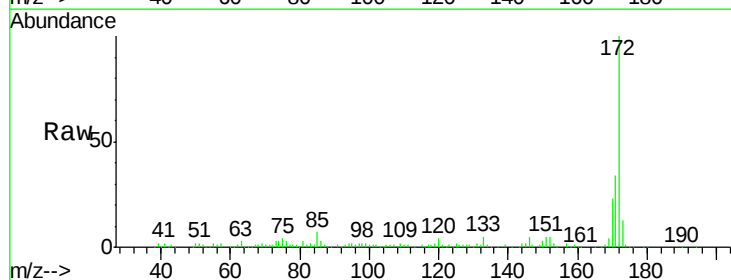


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

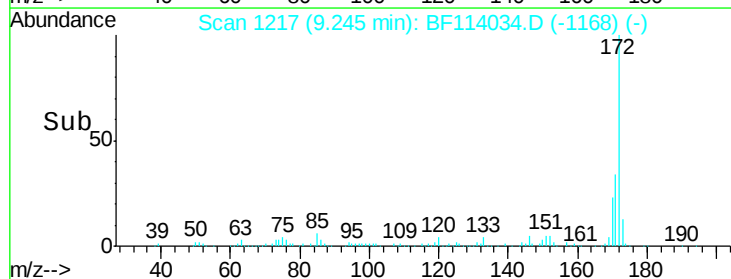
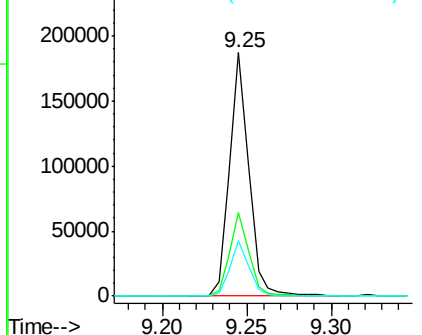


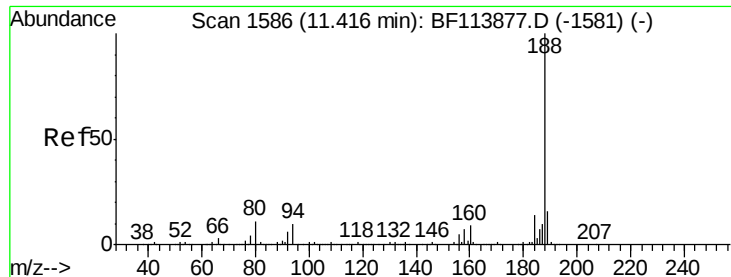
#45
 2-Fluorobiphenyl
 Concen: 12.905 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF114034.D
 Acq: 29 Apr 2019 20:20

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

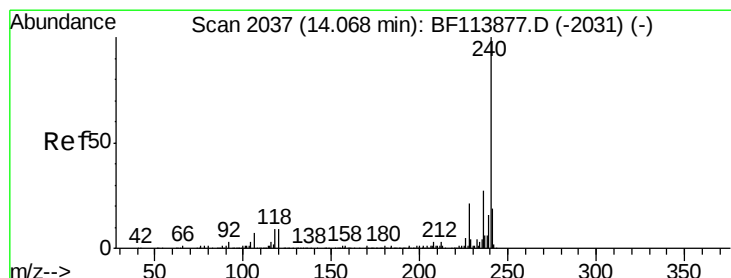
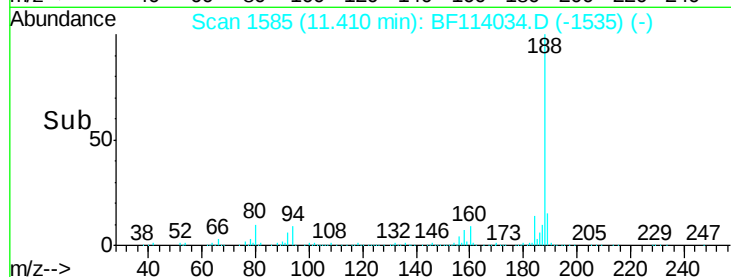
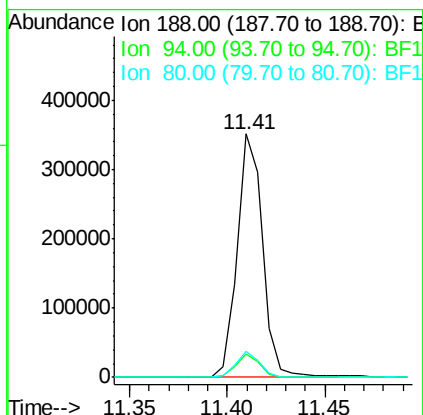
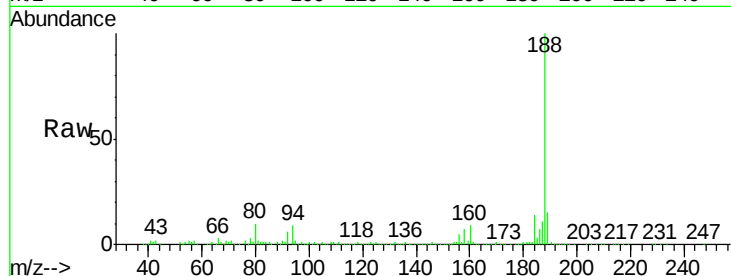




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF114034.D
 Acq: 29 Apr 2019 20:20

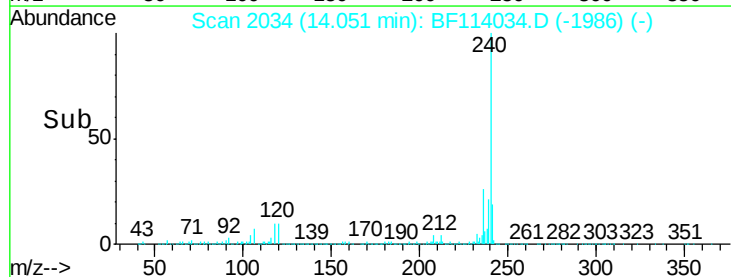
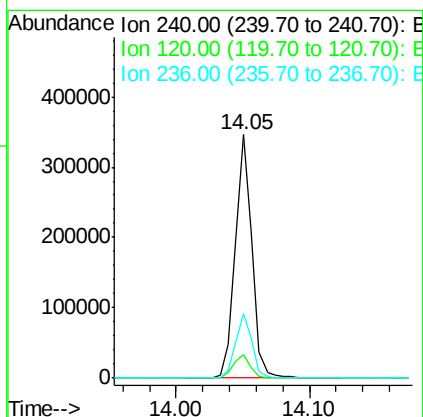
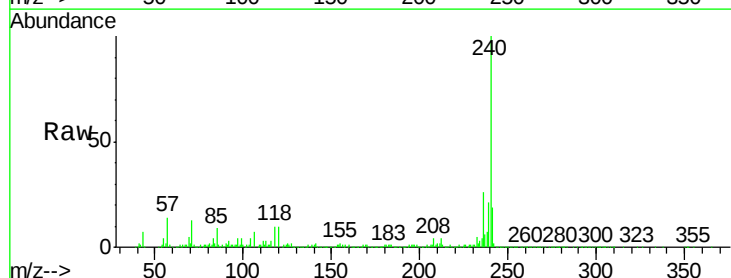
Instrument :
 BNA_F
 ClientSampleId :
 135-20

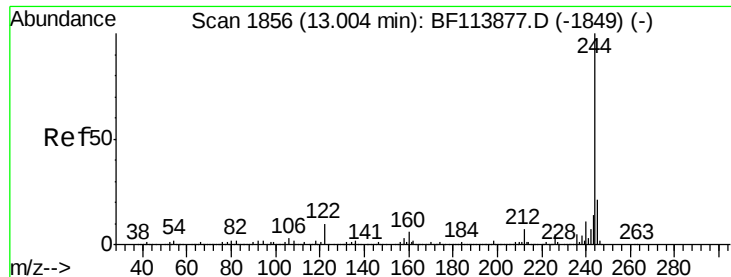
Tgt Ion:188 Resp: 316812
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.2 12.4
 80 10.5 9.0 13.6



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

Tgt Ion:240 Resp: 302245
 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

Instrument :

BNA_F

ClientSampleId :

135-20

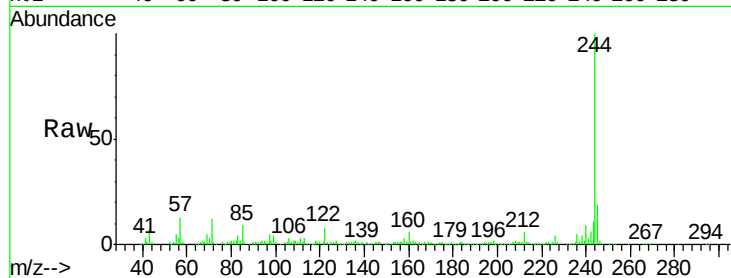
Tgt Ion:244 Resp: 150359

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

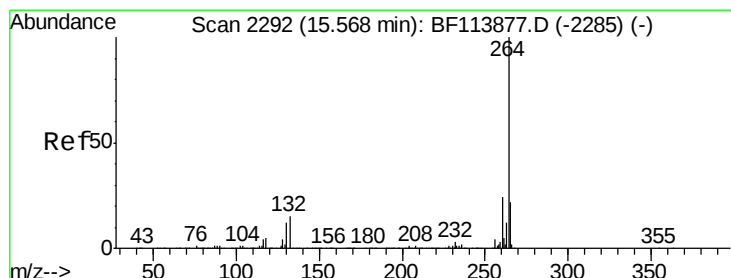
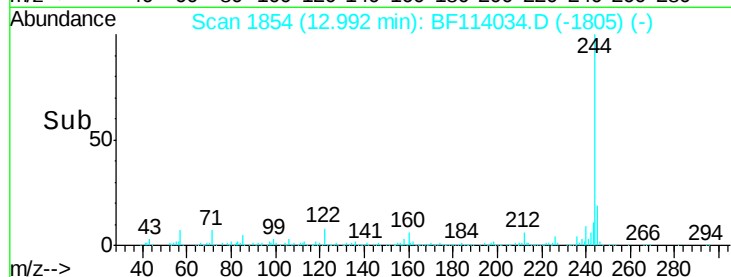
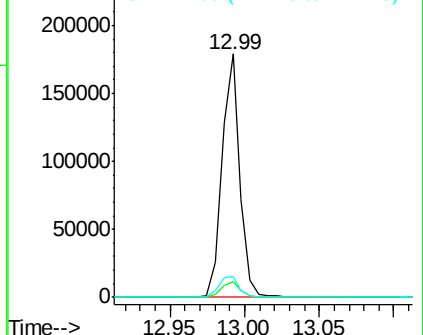
122 8.5 7.6 11.4



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# 2288

Delta R.T. -0.02 min

Lab File: BF114034.D

Acq: 29 Apr 2019 20:20

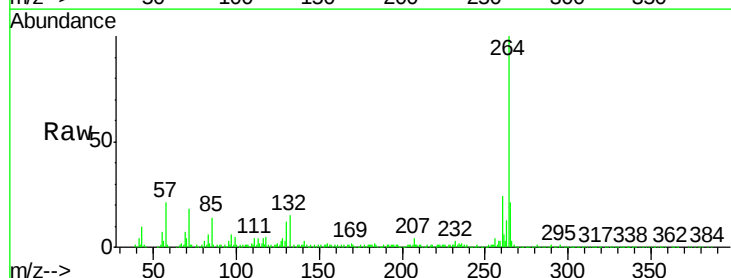
Tgt Ion:264 Resp: 295247

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

