

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113673.D
 Acq On : 9 Apr 2019 20:55
 Operator : JU/SJ
 Sample : K2294-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-S

Quant Time: Apr 10 07:13:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	99562	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	372192	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	177709	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	329802	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	278606	20.00	ng	-0.02
87) Perylene-d12	15.23	264	266361	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	687051	117.67	ng	0.00
7) Phenol-d6	6.33	99	809573	112.50	ng	0.00
23) Nitrobenzene-d5	7.25	82	586298	92.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	288822	135.30	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1118975	101.37	ng	-0.02
79) Terphenyl-d14	12.77	244	1088501	79.55	ng	-0.02

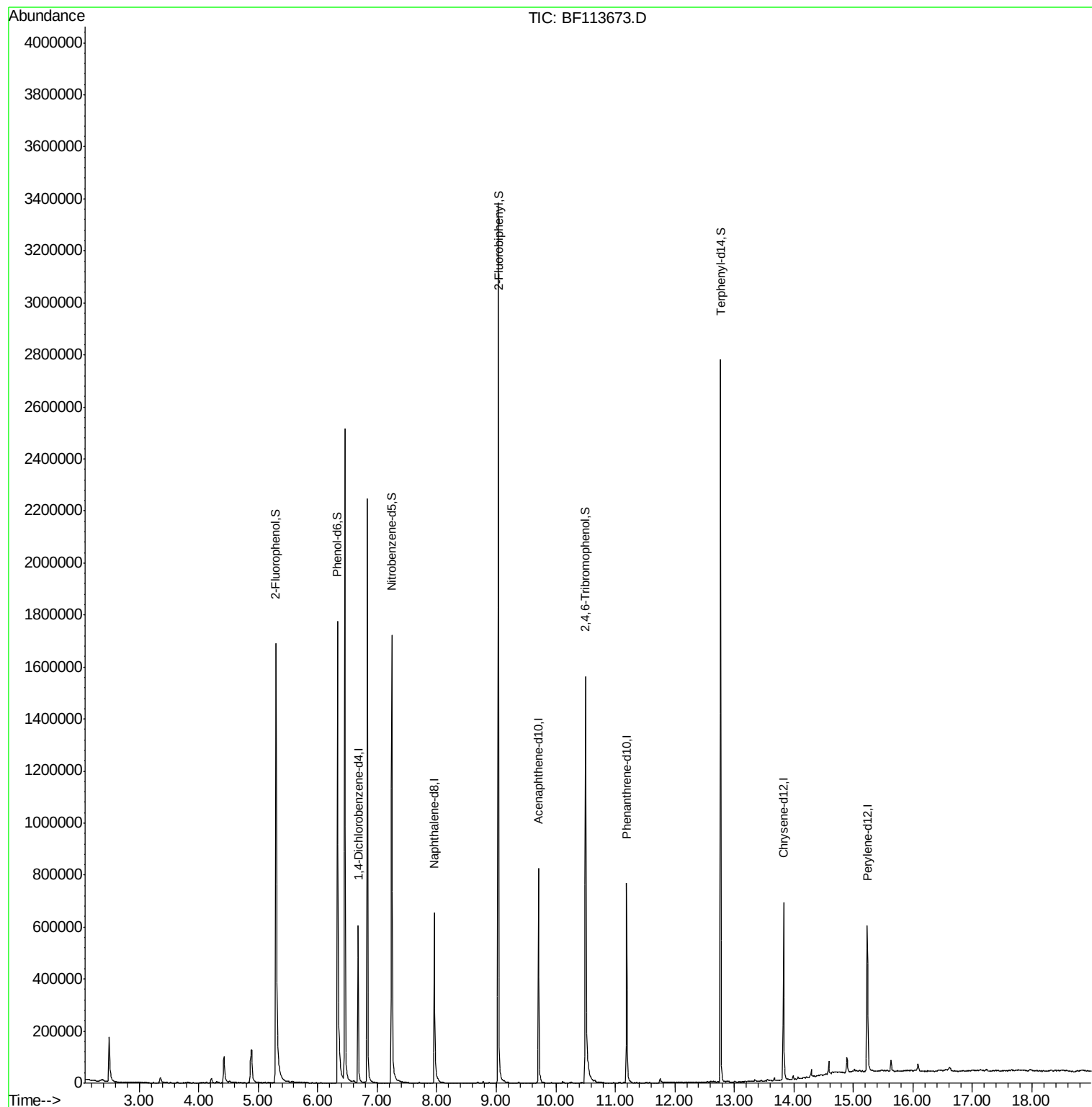
Target Compounds	Qvalue
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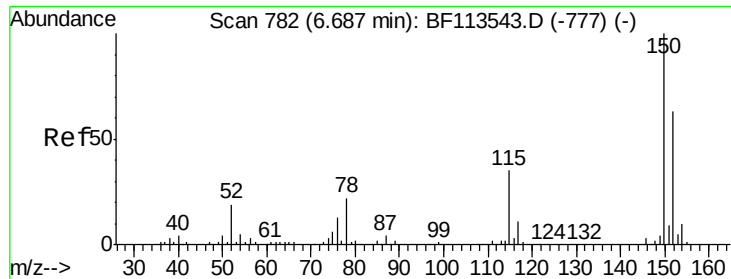
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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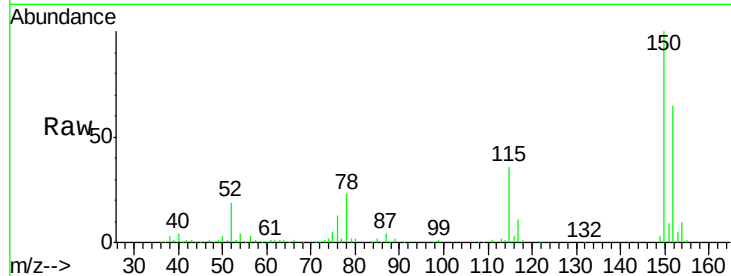


#1

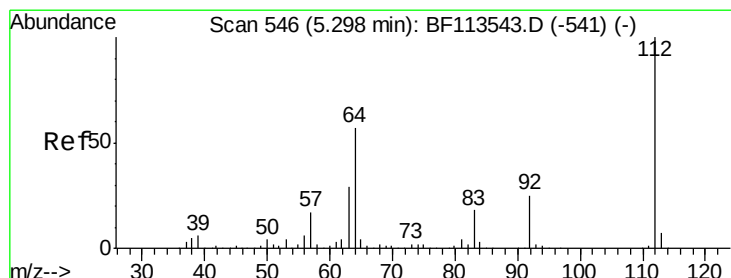
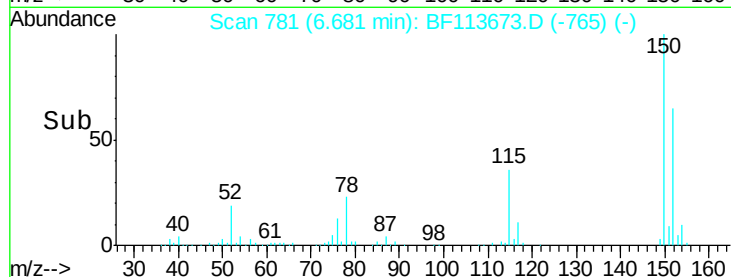
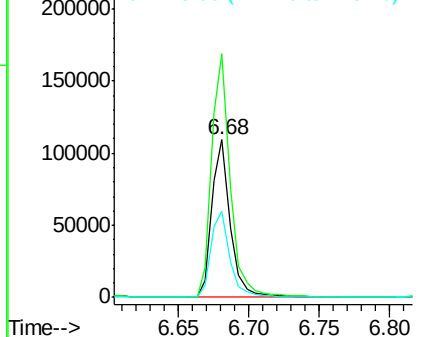
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113673.D
Acq: 9 Apr 2019 20:55

Instrument :
BNA_F
ClientSampleId :
TP-14-S

Tgt Ion:152 Resp: 99562
Ion Ratio Lower Upper
152 100
150 154.8 124.7 187.1
115 55.0 46.0 69.0



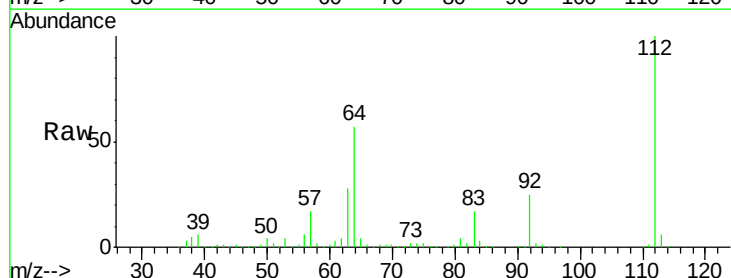
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



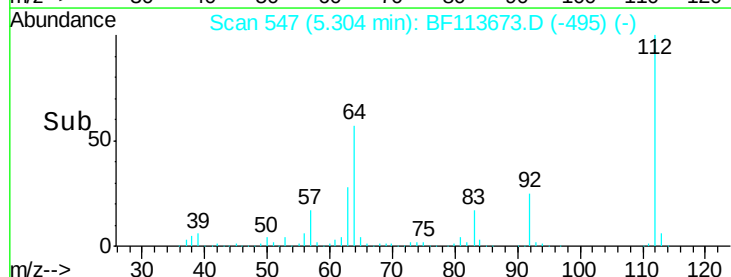
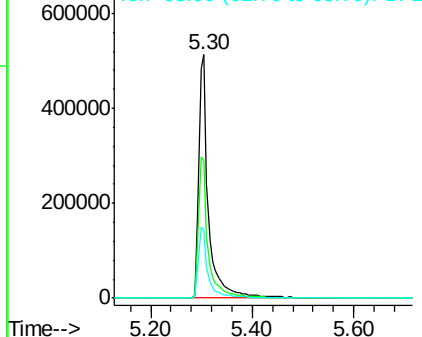
#5

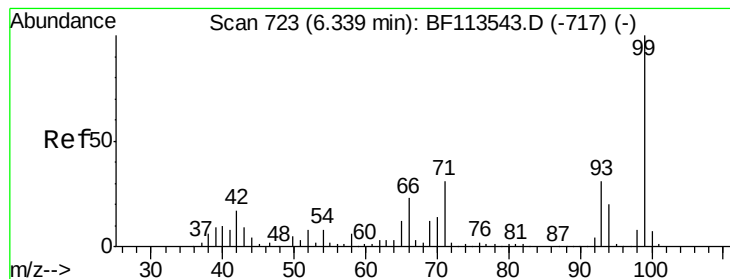
2-Fluorophenol
Concen: 117.673 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113673.D
Acq: 9 Apr 2019 20:55

Tgt Ion:112 Resp: 687051
Ion Ratio Lower Upper
112 100
64 56.6 49.2 73.8
63 28.3 24.9 37.3



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: 112.501 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113673.D

Acq: 9 Apr 2019 20:55

Instrument :

BNA_F

ClientSampleId :

TP-14-S

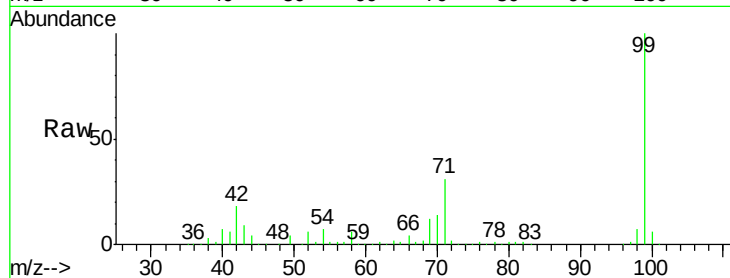
Tgt Ion: 99 Resp: 809573

Ion Ratio Lower Upper

99 100

42 17.5 14.8 22.2

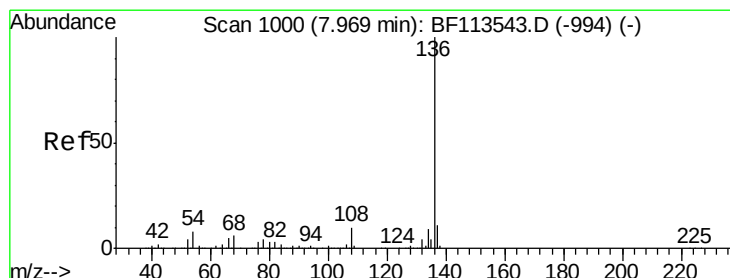
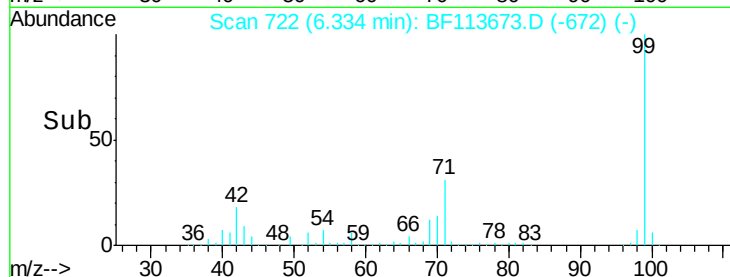
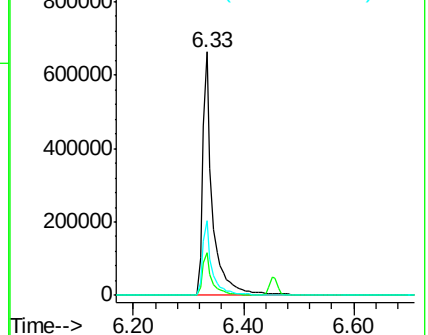
71 30.8 24.9 37.3



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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113673.D

Acq: 9 Apr 2019 20:55

Tgt Ion: 136 Resp: 372192

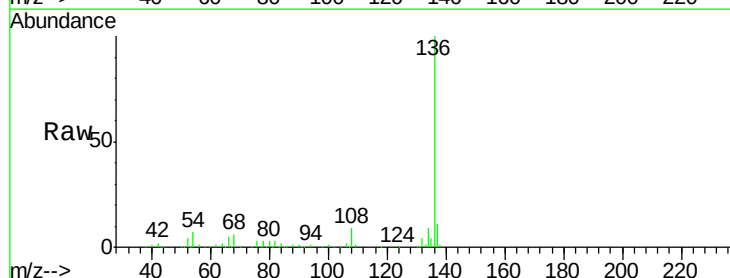
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.3 7.0 10.6

68 5.7 4.8 7.2

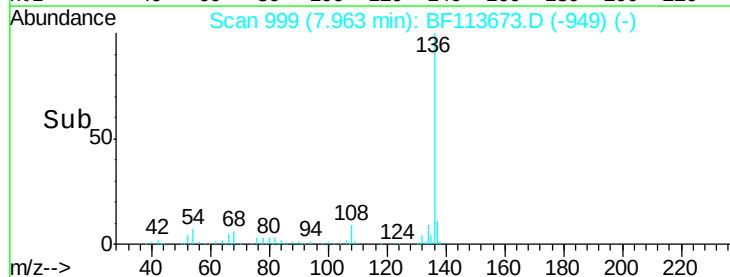
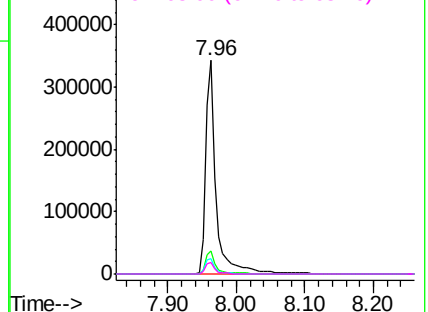


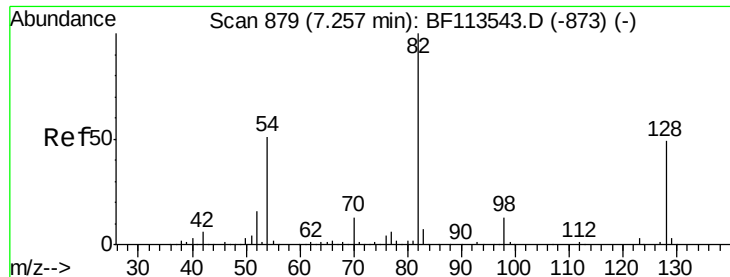
Abundance Ion 136.00 (135.70 to 136.70): E

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

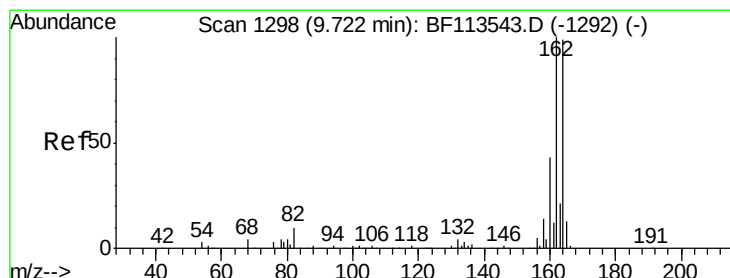
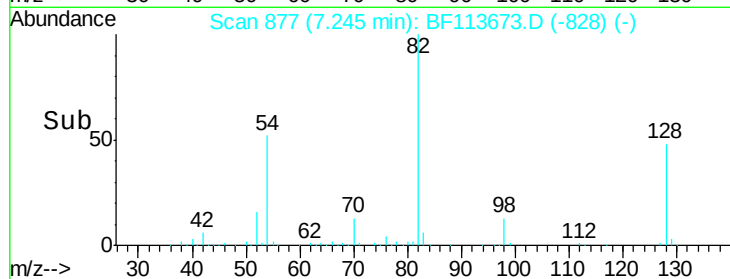
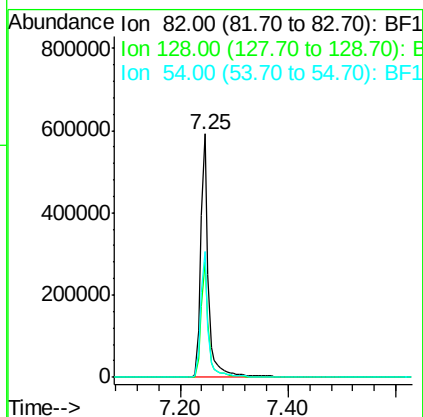
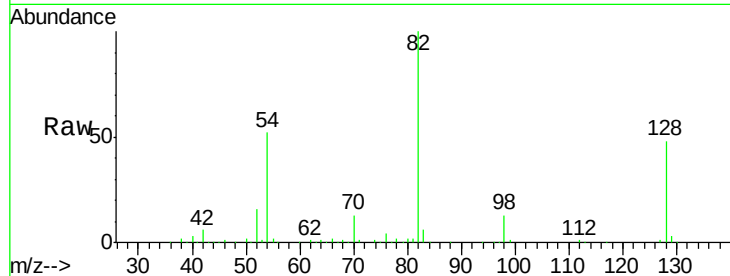




#23
 Nitrobenzene-d5
 Concen: 92.271 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113673.D
 Acq: 9 Apr 2019 20:55

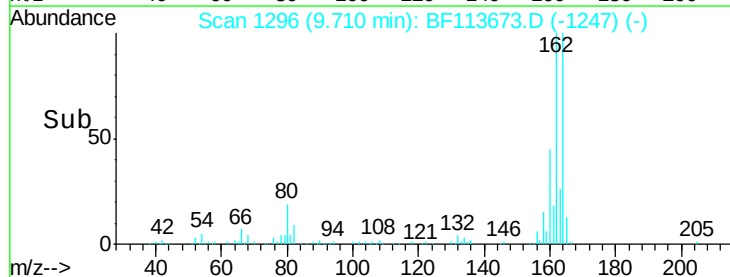
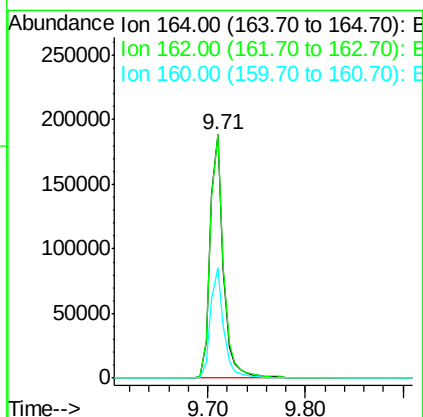
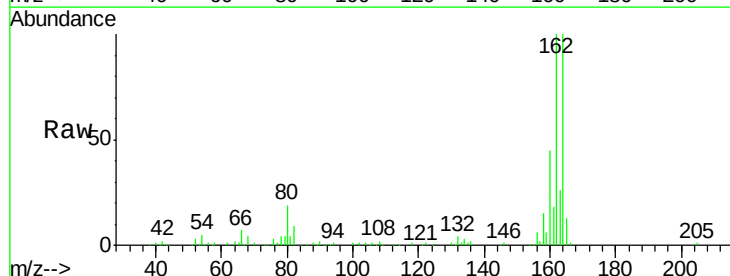
Instrument :
 BNA_F
 ClientSampled :
 TP-14-S

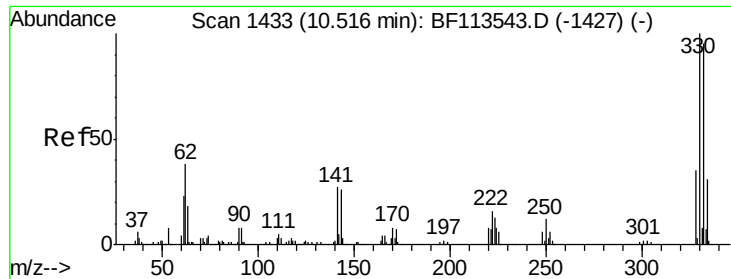
Tgt Ion: 82 Resp: 586298
 Ion Ratio Lower Upper
 82 100
 128 47.6 36.5 54.7
 54 51.7 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113673.D
 Acq: 9 Apr 2019 20:55

Tgt Ion: 164 Resp: 177709
 Ion Ratio Lower Upper
 164 100
 162 99.9 81.8 122.6
 160 45.3 36.4 54.6

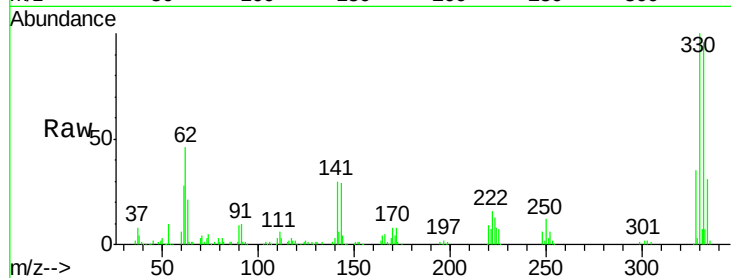




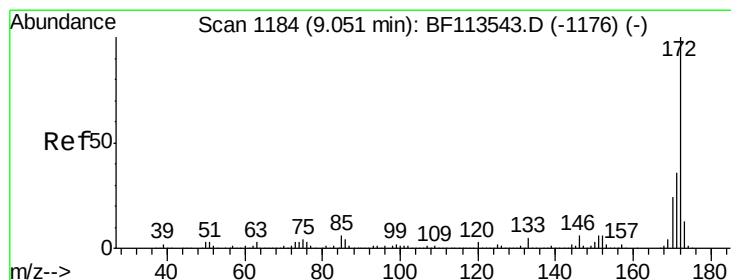
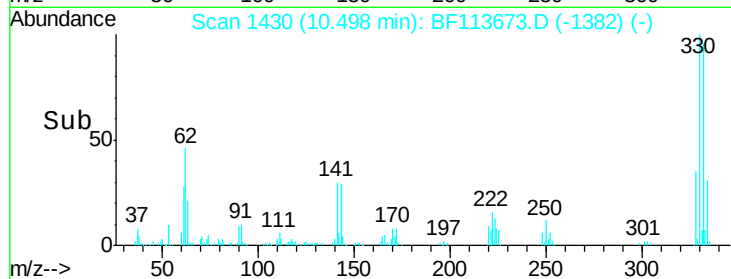
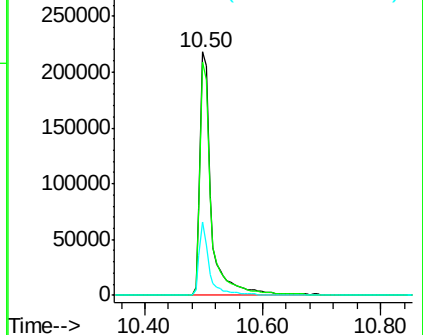
#42
 2,4,6-Tribromophenol
 Concen: 135.298 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113673.D
 Acq: 9 Apr 2019 20:55

Instrument :
 BNA_F
 ClientSampled :
 TP-14-S

Tgt Ion:330 Resp: 288822
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.8 116.6
 141 27.3 22.7 34.1

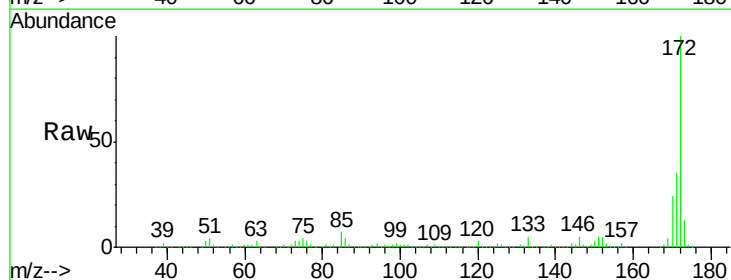


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

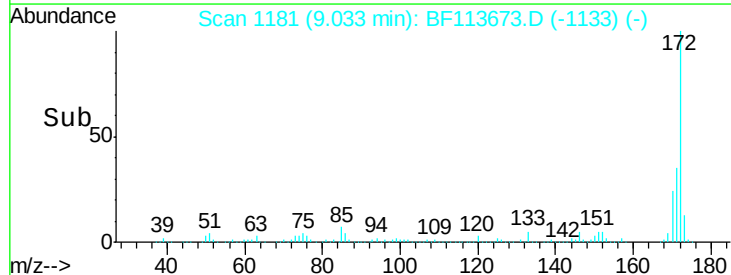
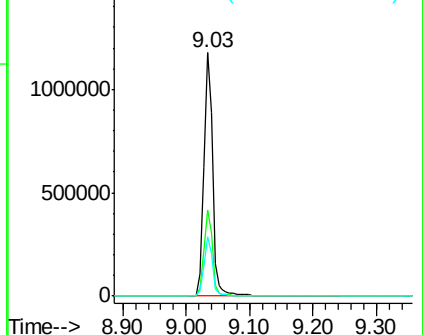


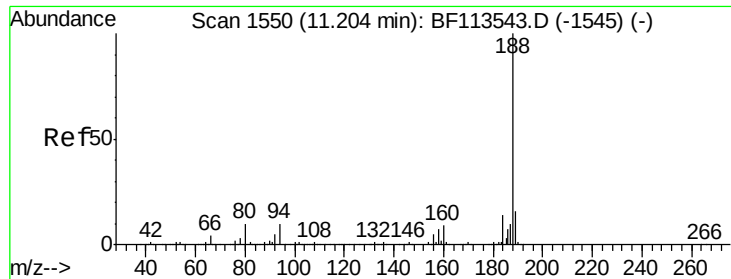
#45
 2-Fluorobiphenyl
 Concen: 101.370 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113673.D
 Acq: 9 Apr 2019 20:55

Tgt Ion:172 Resp: 1118975
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.6
 170 24.1 19.5 29.3



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

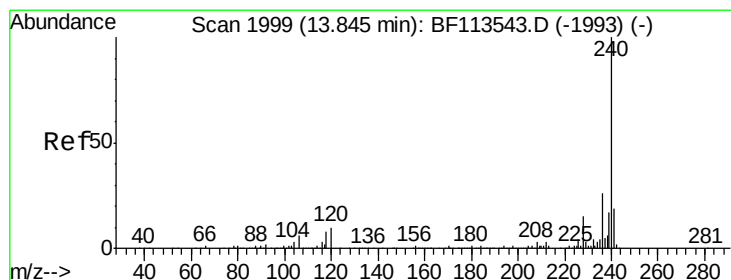
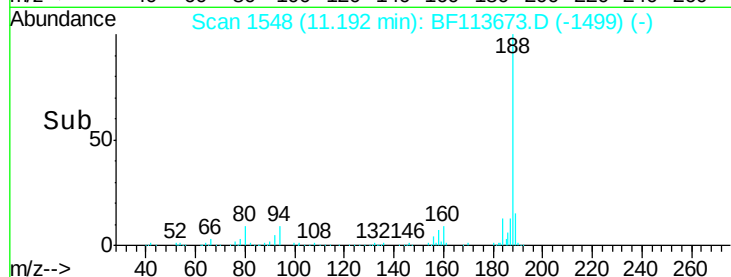
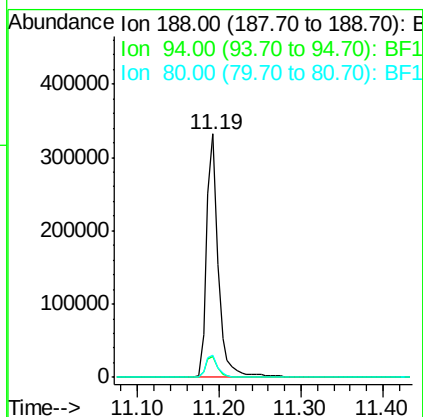
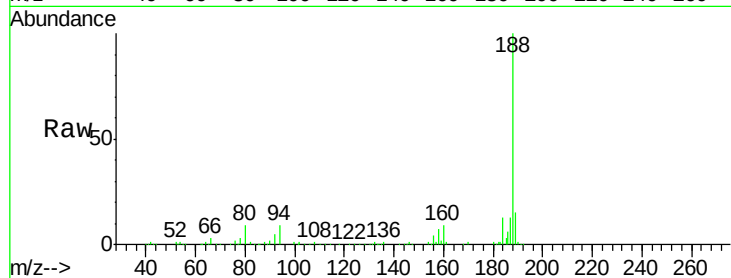




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113673.D
Acq: 9 Apr 2019 20:55

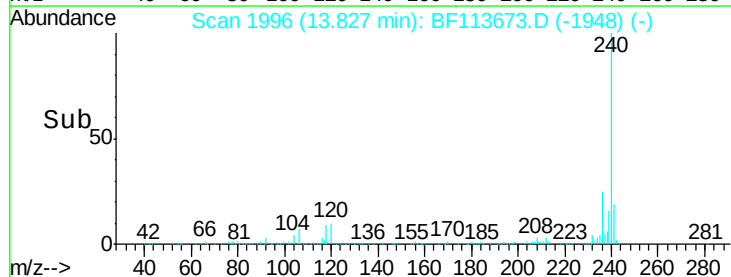
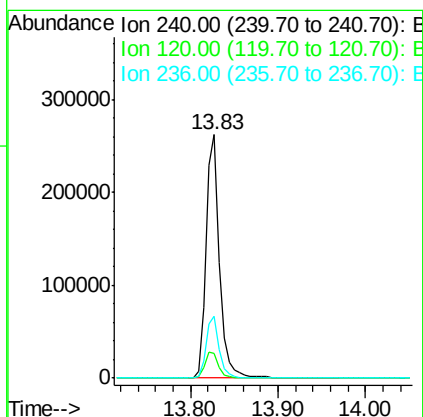
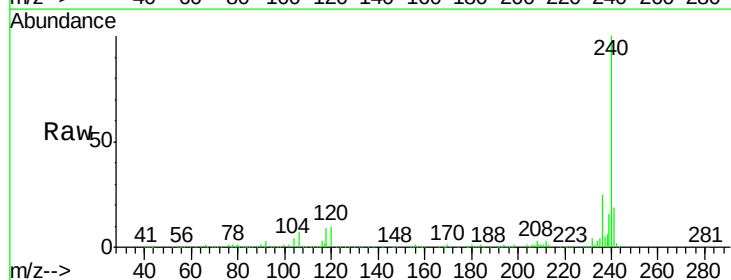
Instrument :
BNA_F
ClientSampleId :
TP-14-S

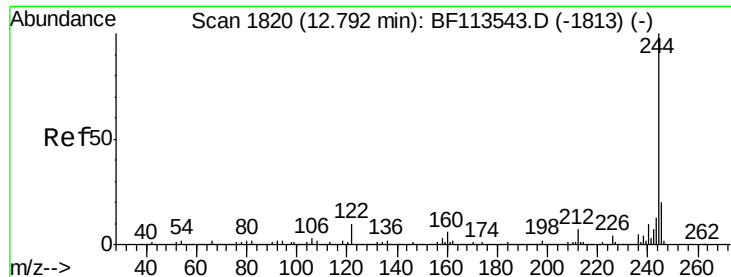
Tgt Ion:188 Resp: 329802
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113673.D
Acq: 9 Apr 2019 20:55

Tgt Ion:240 Resp: 278606
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 25.3 20.9 31.3





#79

Terphenyl-d14

Concen: 79.546 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113673.D

Acq: 9 Apr 2019 20:55

Instrument :

BNA_F

ClientSampled :

TP-14-S

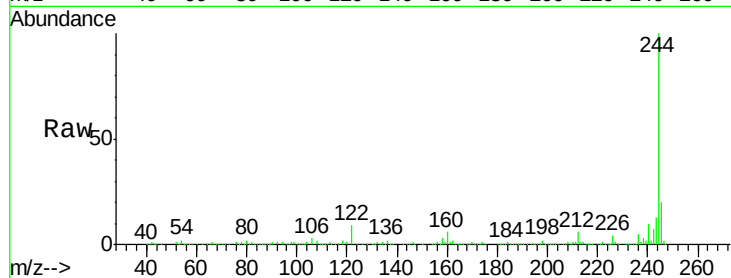
Tgt Ion:244 Resp: 1088501

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

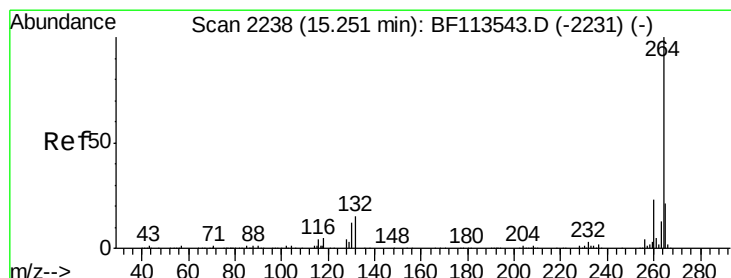
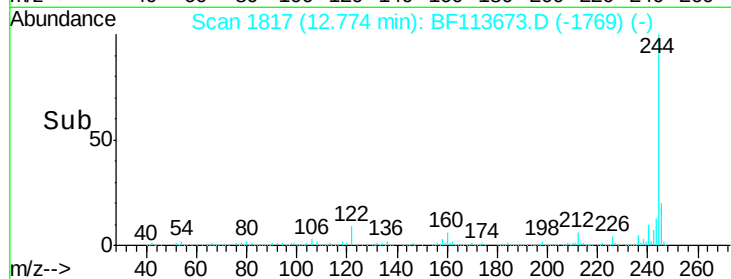
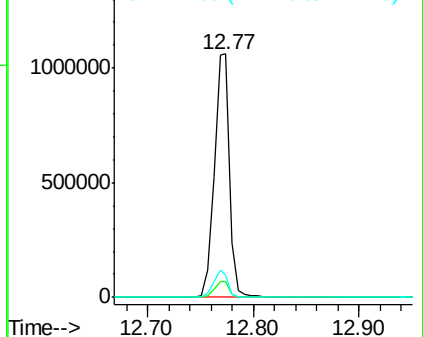
122 9.2 8.6 13.0



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: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113673.D

Acq: 9 Apr 2019 20:55

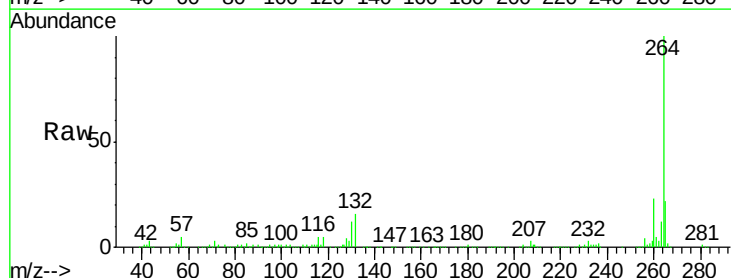
Tgt Ion:264 Resp: 266361

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.6 17.1 25.7



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

