

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114145.D
 Acq On : 11 May 2019 2:18
 Operator : JU/SJ
 Sample : K2750-03 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11995

Quant Time: May 11 05:07:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	288891	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1004977	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	407707	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	860303	20.00	ng	0.00
76) Chrysene-d12	14.01	240	613804	20.00	ng	-0.01
87) Perylene-d12	15.48	264	512212	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	140159	7.81	ng	0.00
7) Phenol-d6	6.49	99	185657	8.74	ng	0.00
23) Nitrobenzene-d5	7.41	82	84936	4.74	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	30807	7.31	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	185184	6.87	ng	0.00
79) Terphenyl-d14	12.95	244	224798	7.55	ng	0.00

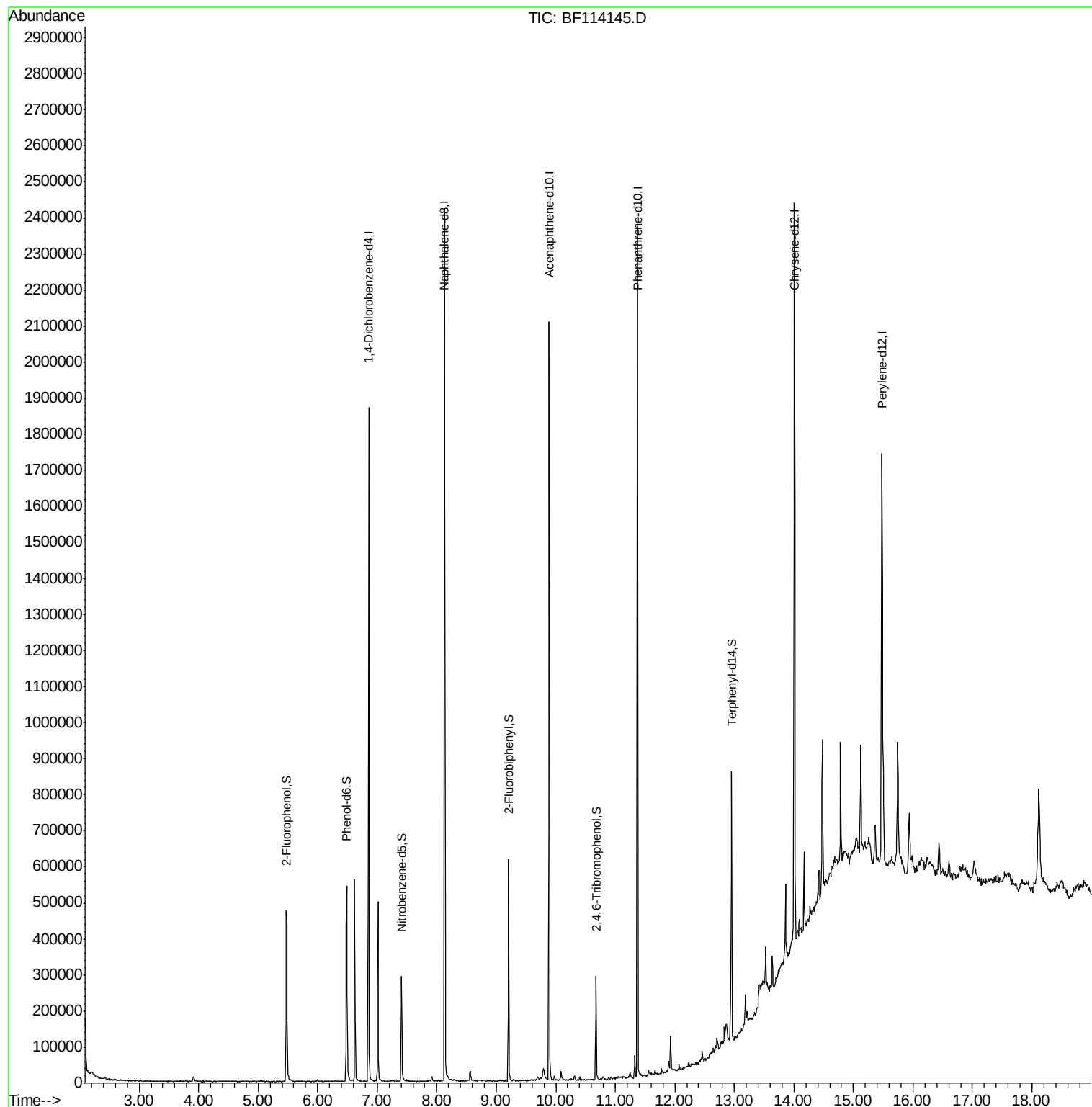
Target Compounds	Qvalue
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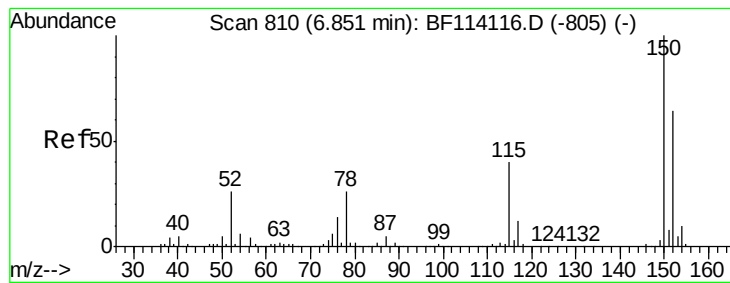
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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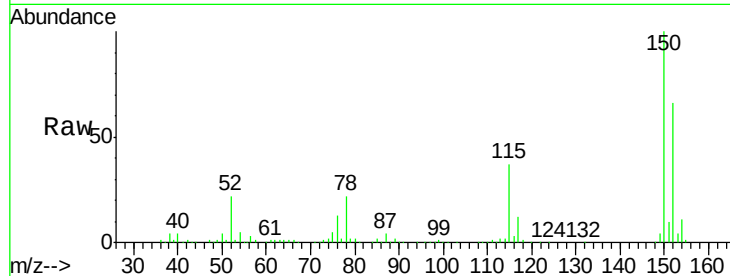


#1

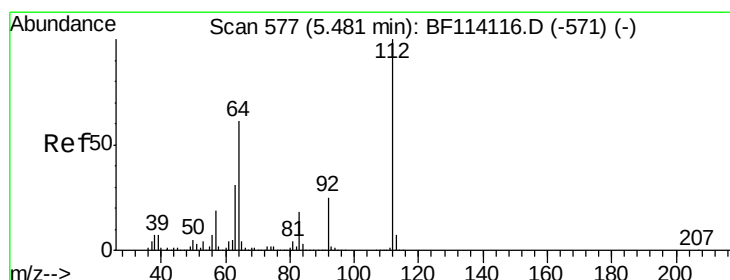
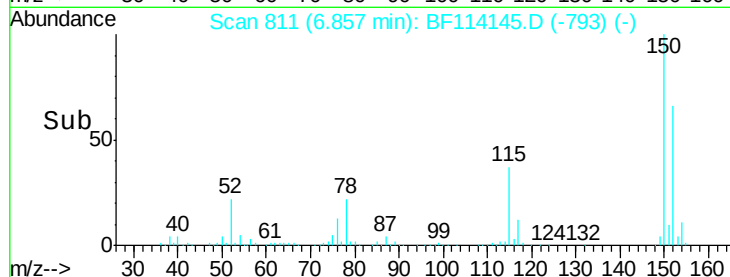
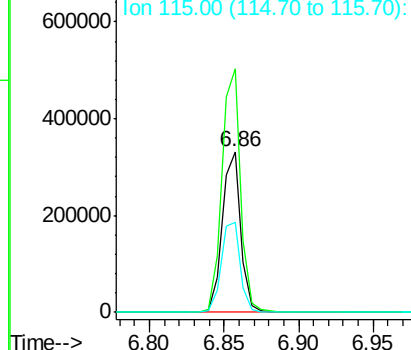
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114145.D
Acq: 11 May 2019 2:18

Instrument :
BNA_F
ClientSampleId :
72-11995

Tgt Ion:152 Resp: 288891
Ion Ratio Lower Upper
152 100
150 151.5 124.3 186.5
115 55.8 49.1 73.7



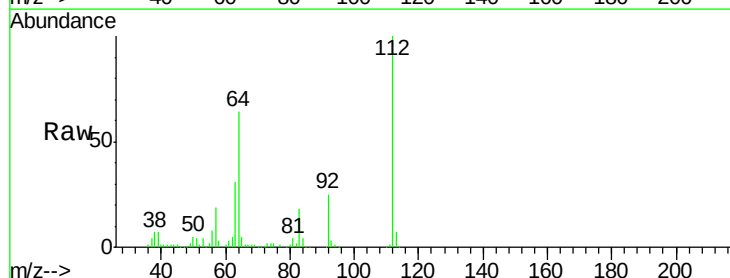
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



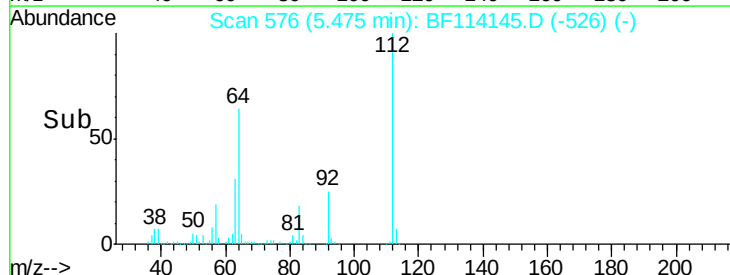
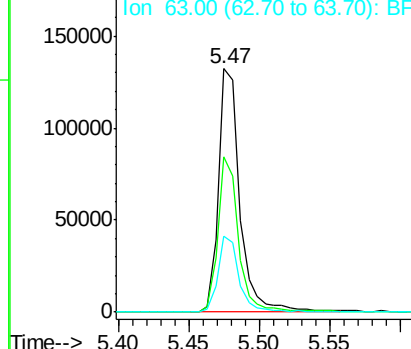
#5

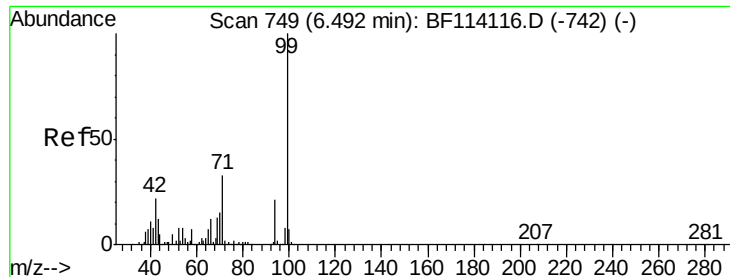
2-Fluorophenol
Concen: 7.808 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114145.D
Acq: 11 May 2019 2:18

Tgt Ion:112 Resp: 140159
Ion Ratio Lower Upper
112 100
64 63.5 49.0 73.6
63 31.4 24.6 37.0



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: 8.744 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114145.D

Acq: 11 May 2019 2:18

Instrument :

BNA_F

ClientSampleId :

72-11995

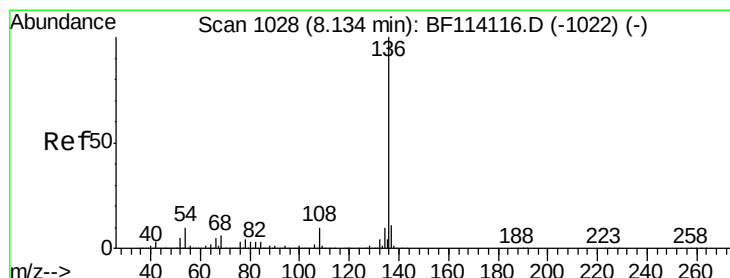
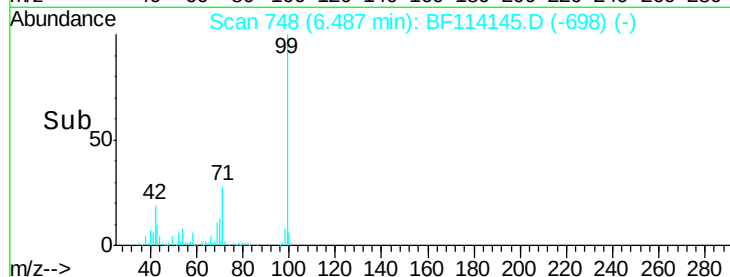
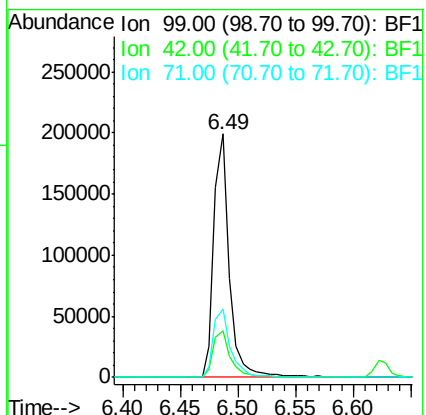
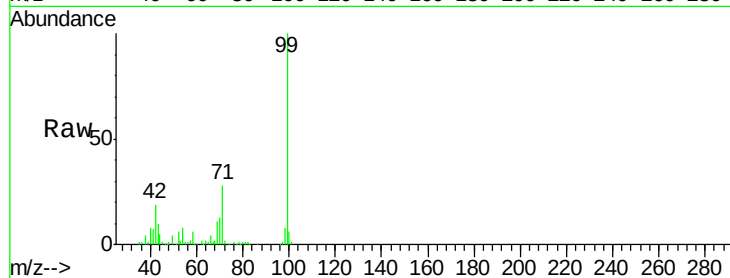
Tgt Ion: 99 Resp: 185657

Ion Ratio Lower Upper

99 100

42 19.3 17.9 26.9

71 28.3 26.2 39.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114145.D

Acq: 11 May 2019 2:18

Tgt Ion: 136 Resp: 1004977

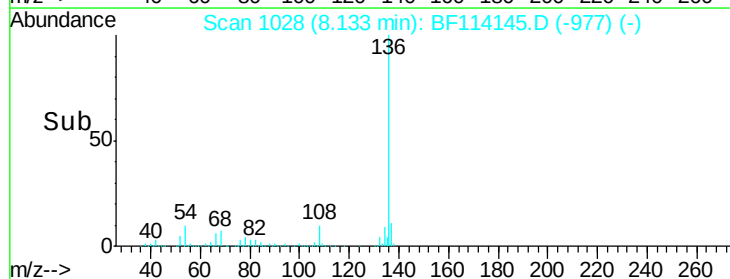
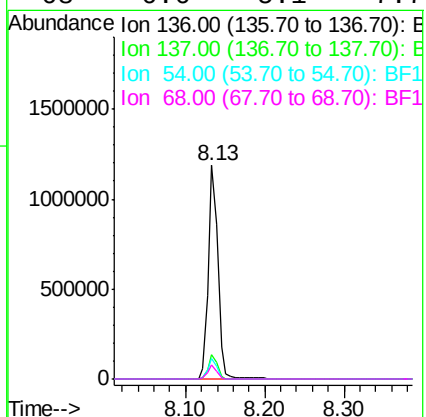
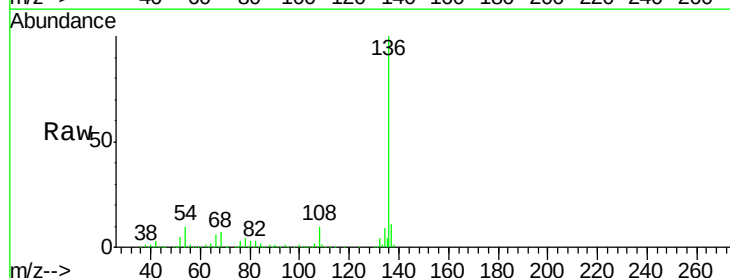
Ion Ratio Lower Upper

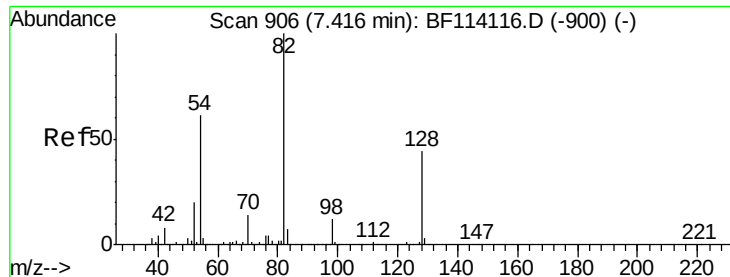
136 100

137 11.2 8.8 13.2

54 9.7 7.8 11.8

68 6.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 4.743 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114145.D

Acq: 11 May 2019 2:18

Instrument :

BNA_F

ClientSampleId :

72-11995

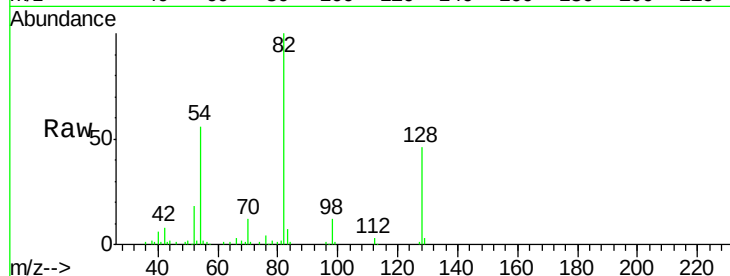
Tgt Ion: 82 Resp: 84936

Ion Ratio Lower Upper

82 100

128 45.8 35.5 53.3

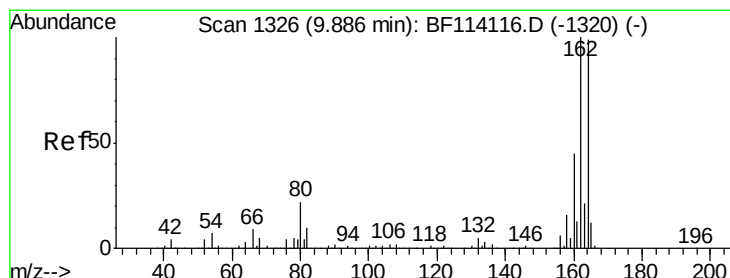
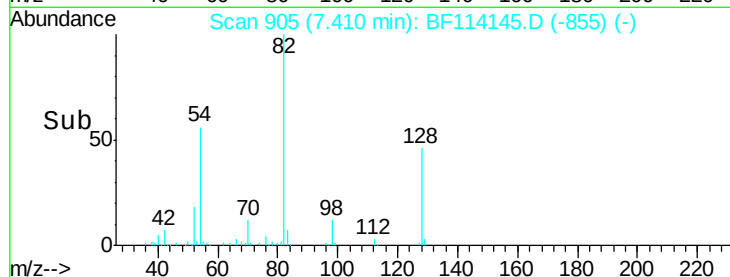
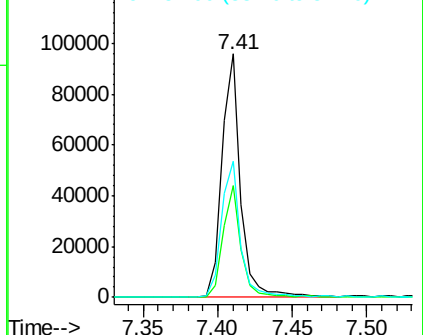
54 55.9 48.5 72.7



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: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114145.D

Acq: 11 May 2019 2:18

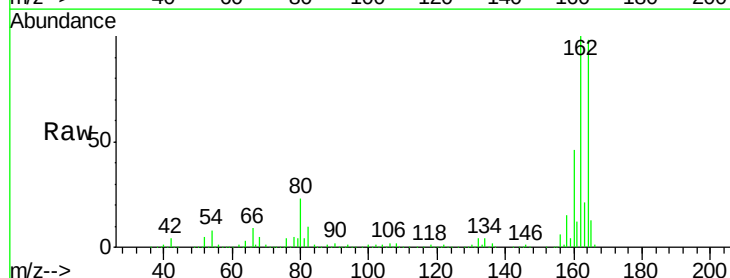
Tgt Ion: 164 Resp: 407707

Ion Ratio Lower Upper

164 100

162 102.2 80.6 120.8

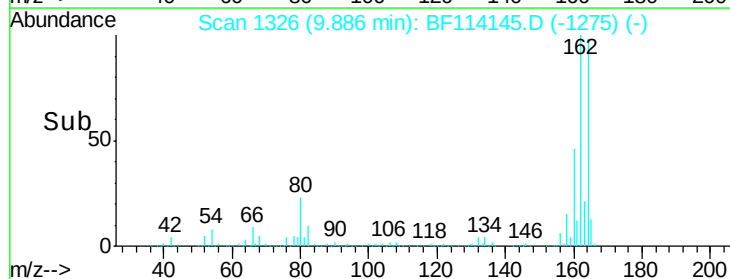
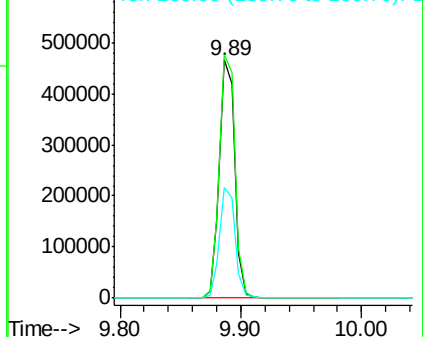
160 46.6 36.5 54.7

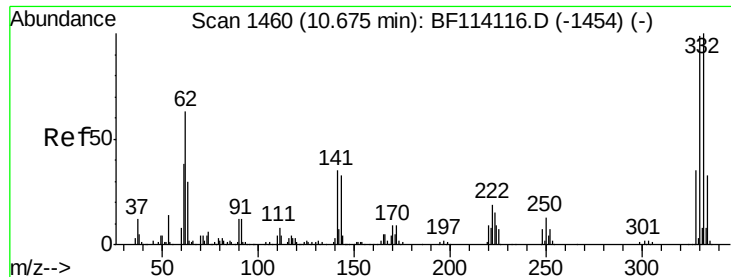


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 7.309 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114145.D

Acq: 11 May 2019 2:18

Instrument :

BNA_F

ClientSampleId :

72-11995

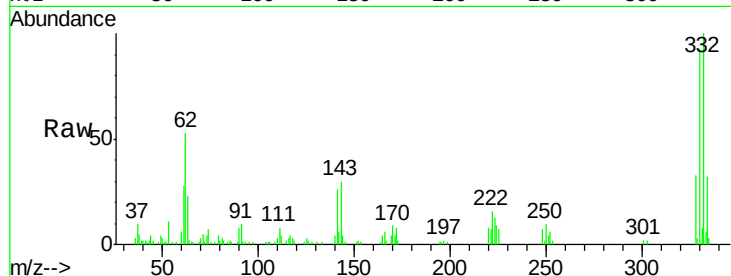
Tgt Ion:330 Resp: 30807

Ion Ratio Lower Upper

330 100

332 103.9 81.4 122.2

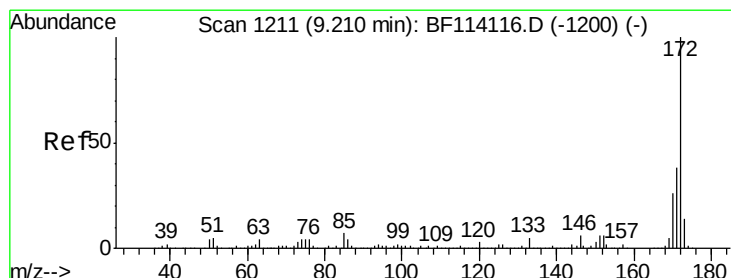
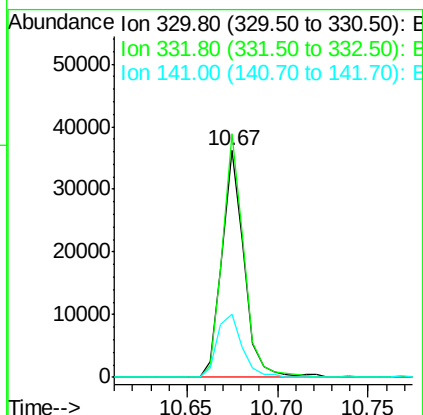
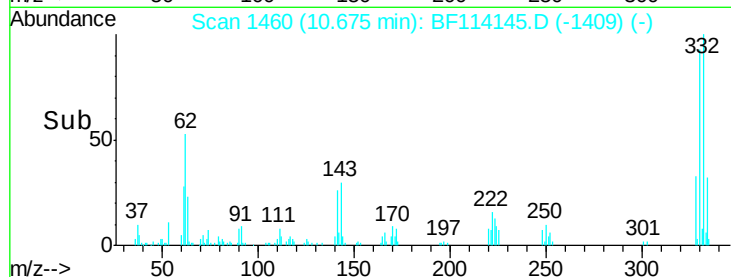
141 31.3 26.6 40.0



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: 6.871 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114145.D

Acq: 11 May 2019 2:18

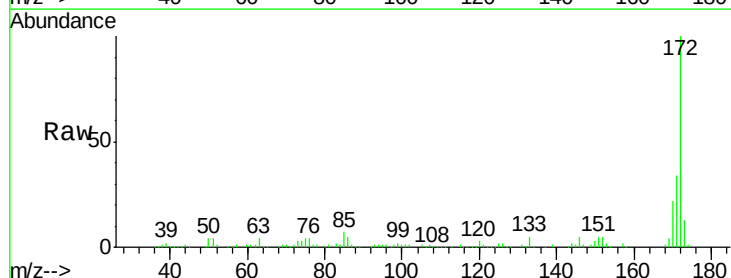
Tgt Ion:172 Resp: 185184

Ion Ratio Lower Upper

172 100

171 34.2 30.7 46.1

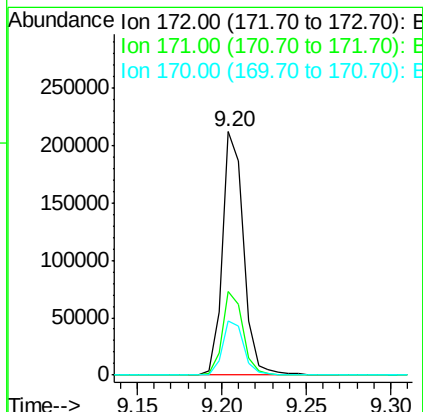
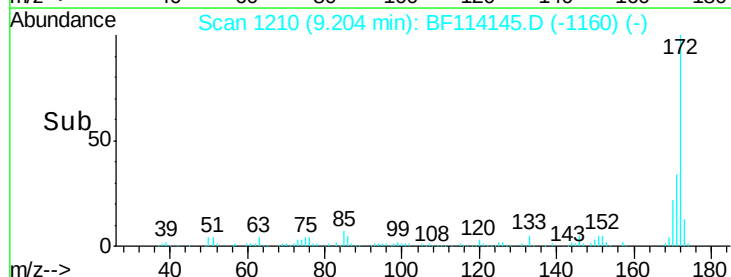
170 22.1 20.5 30.7

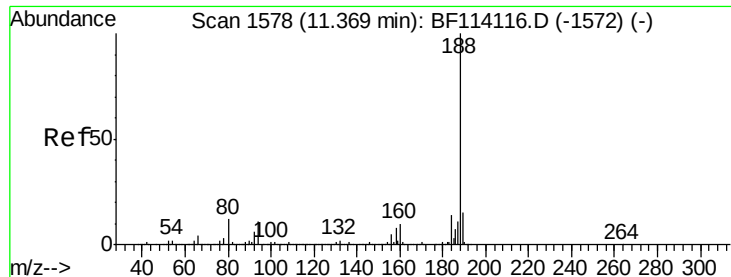


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

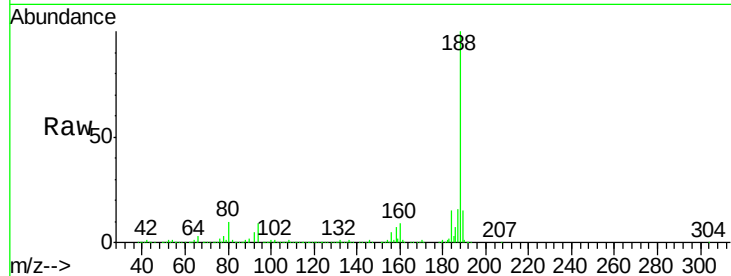




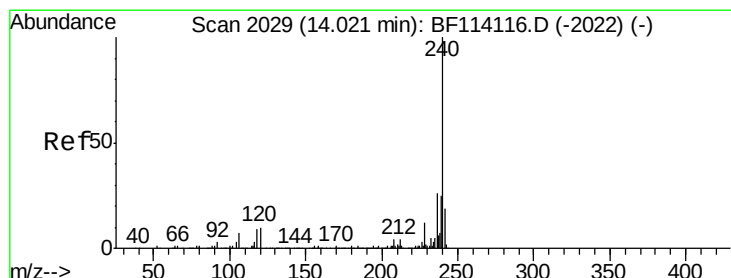
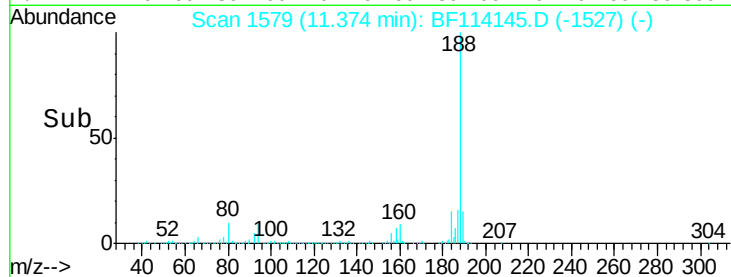
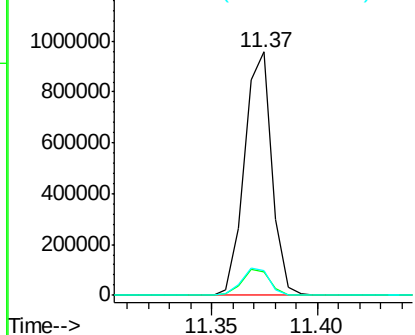
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114145.D
Acq: 11 May 2019 2:18

Instrument :
BNA_F
ClientSampleId :
72-11995

Tgt Ion:188 Resp: 860303
Ion Ratio Lower Upper
188 100
94 9.5 8.4 12.6
80 10.0 9.2 13.8

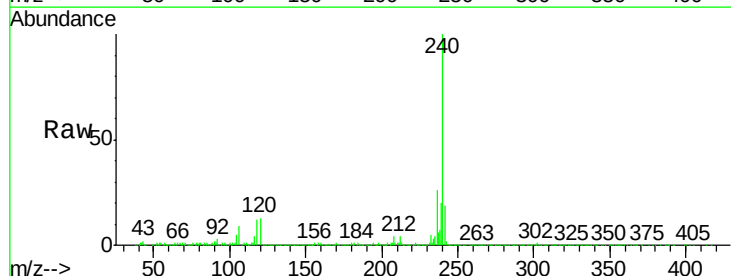


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

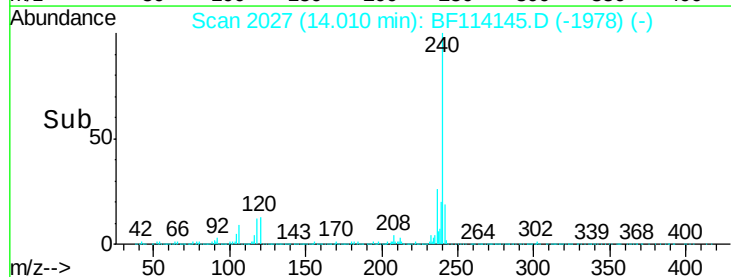
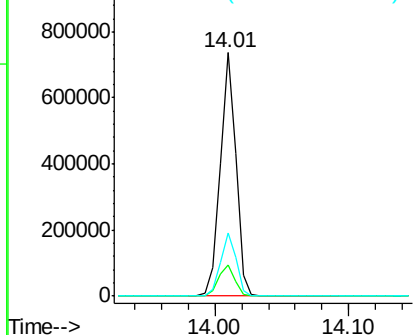


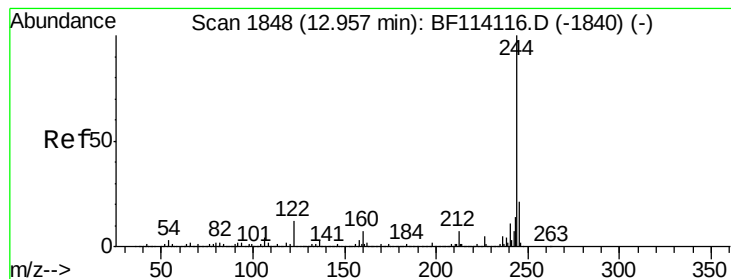
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114145.D
Acq: 11 May 2019 2:18

Tgt Ion:240 Resp: 613804
Ion Ratio Lower Upper
240 100
120 13.0 8.3 12.5#
236 25.8 20.8 31.2



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: 7.550 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114145.D

Acq: 11 May 2019 2:18

Instrument :

BNA_F

ClientSampleId :

72-11995

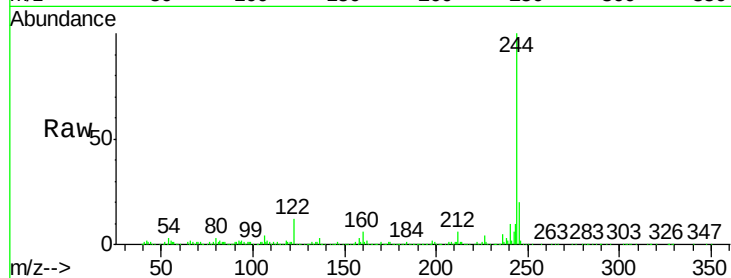
Tgt Ion:244 Resp: 224798

Ion Ratio Lower Upper

244 100

212 6.0 5.8 8.6

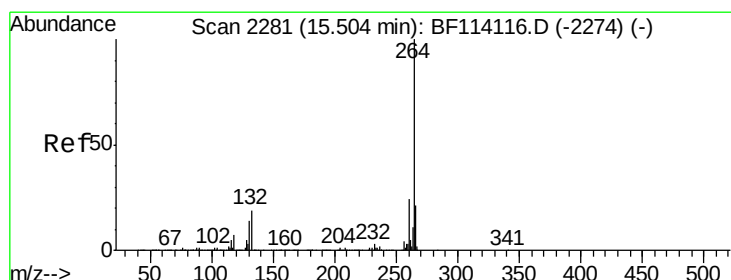
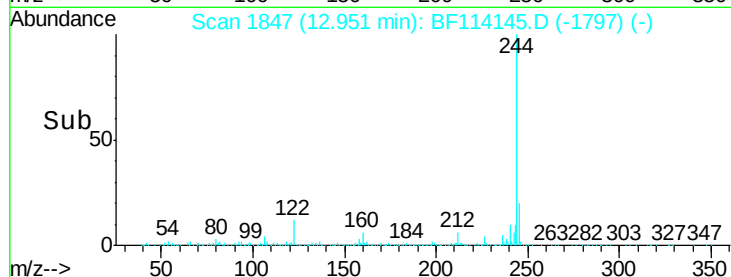
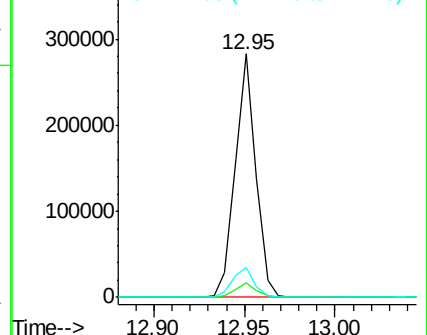
122 12.5 9.4 14.2



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: 15.48 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BF114145.D

Acq: 11 May 2019 2:18

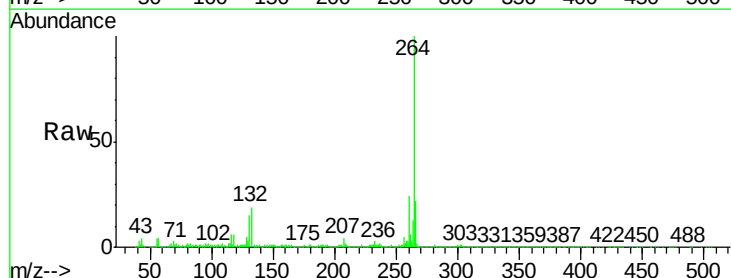
Tgt Ion:264 Resp: 512212

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 21.7 16.9 25.3



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

