

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081419\
 Data File : BF116268.D
 Acq On : 14 Aug 2019 18:29
 Operator : HP/JU
 Sample : K4096-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-081219

Quant Time: Aug 15 10:51:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	154285	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	605685	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	330557	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	603839	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	447551	20.00	ng	-0.02
87) Perylene-d12	15.44	264	385202	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1095564	118.87	ng	0.00
7) Phenol-d6	6.47	99	1297336	111.57	ng	-0.02
23) Nitrobenzene-d5	7.39	82	1052532	100.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	475658	148.42	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1738018	98.48	ng	-0.02
79) Terphenyl-d14	12.93	244	1993582	93.86	ng	-0.02

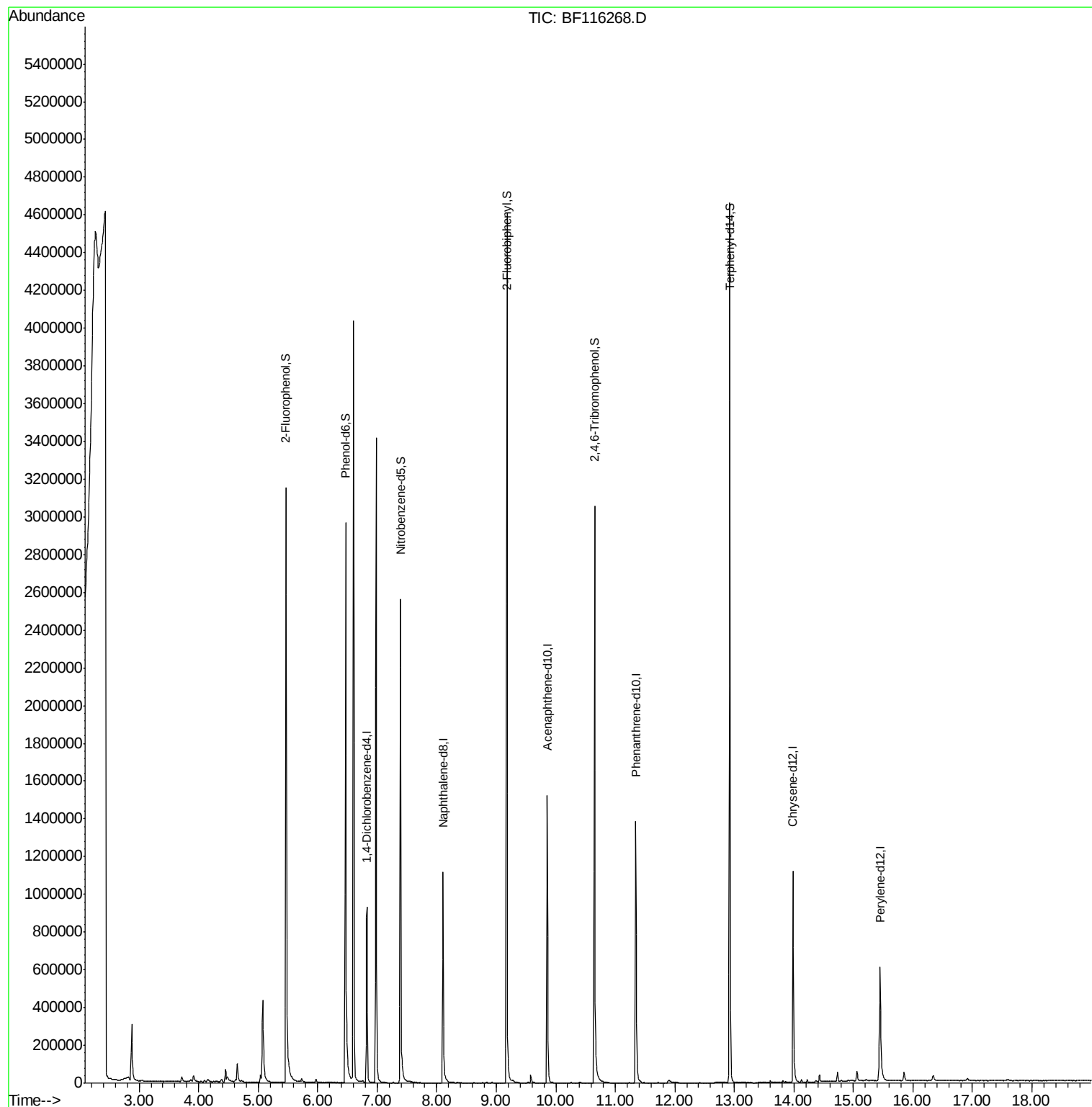
Target Compounds Qvalue

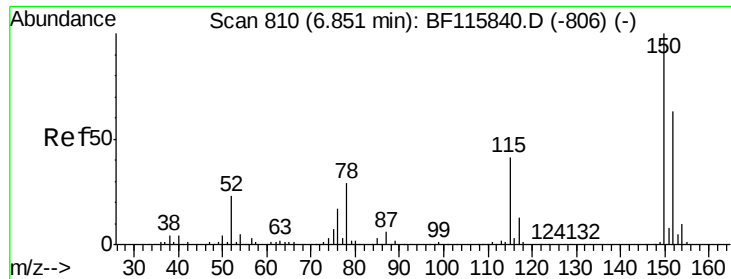
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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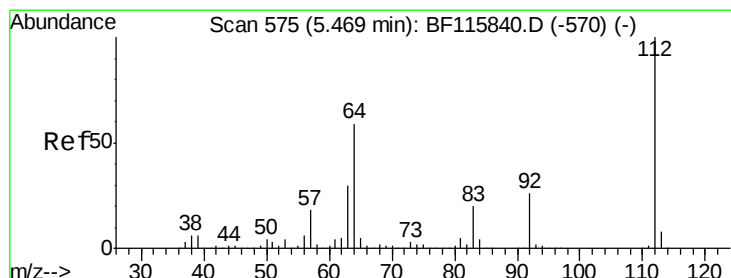
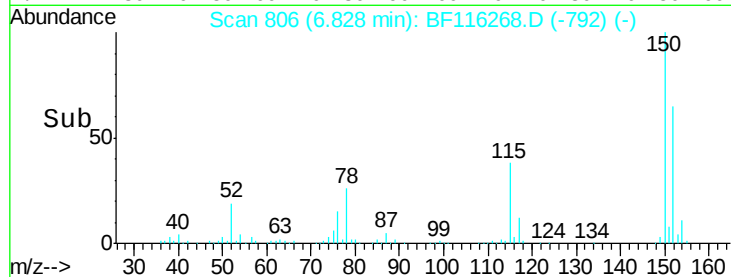
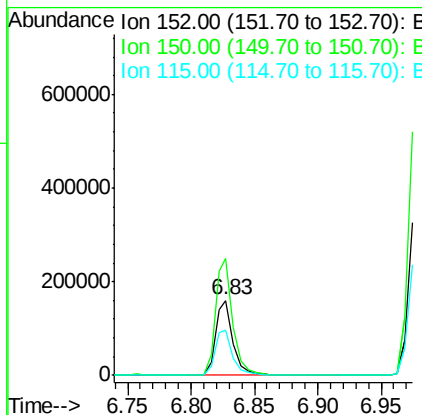
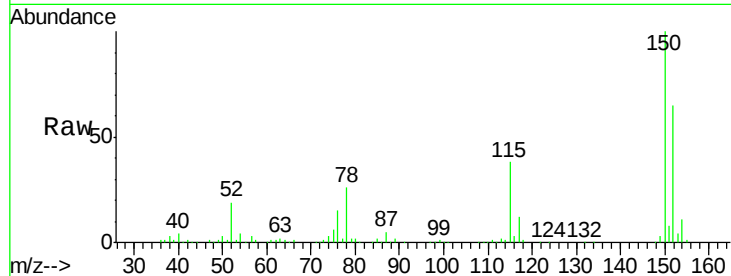


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF116268.D
 Acq: 14 Aug 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-081219

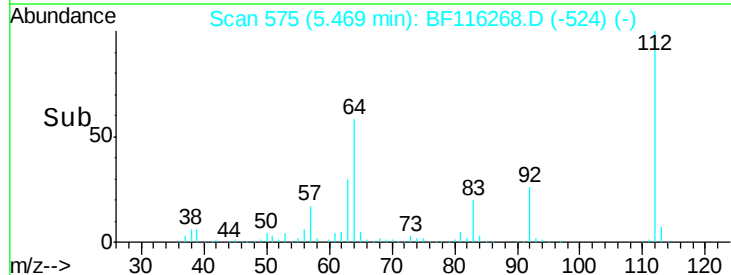
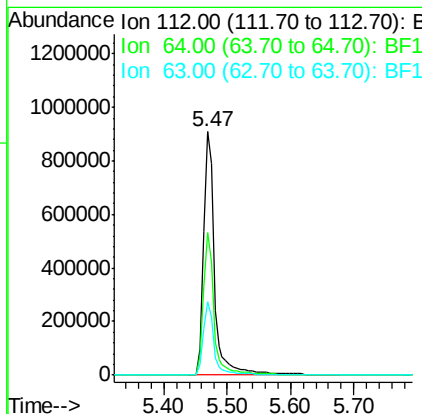
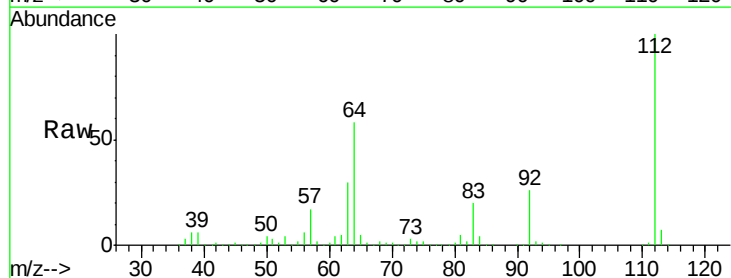
Tot Ion:152 Resp: 154285
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.2 189.2
 115 59.5 49.9 74.9

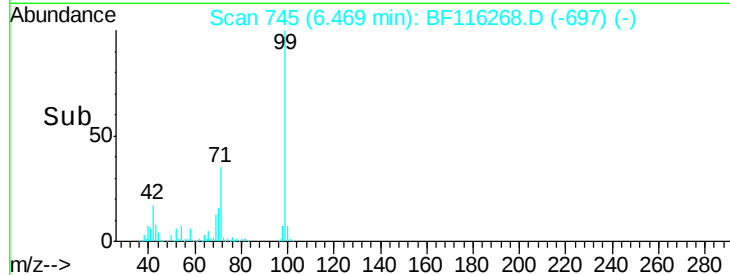
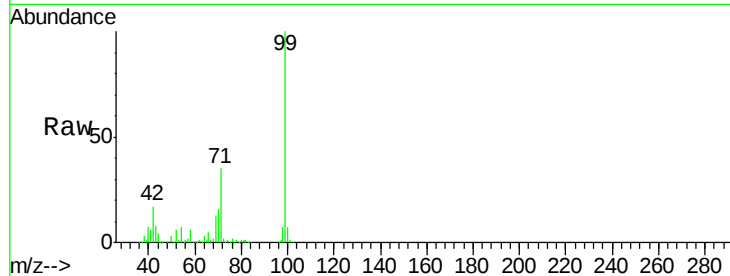
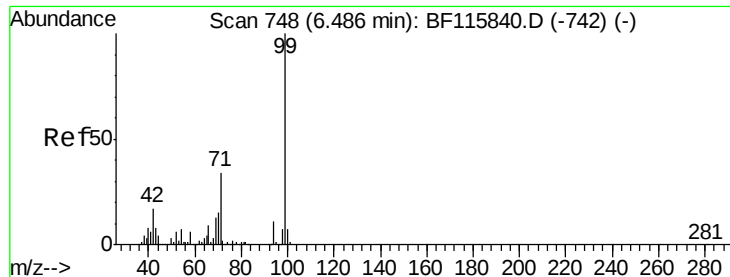


#5

2-Fluorophenol
 Concen: 118.874 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF116268.D
 Acq: 14 Aug 2019 18:29

Tgt Ion:112 Resp: 1095564
 Ion Ratio Lower Upper
 112 100
 64 58.4 45.4 68.2
 63 30.3 23.7 35.5





#7

Phenol-d6

Concen: 111.571 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116268.D

Acq: 14 Aug 2019 18:29

Instrument :

BNA_F

ClientSampled :

TR-04-081219

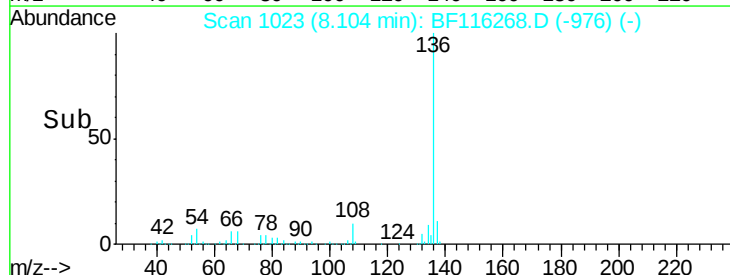
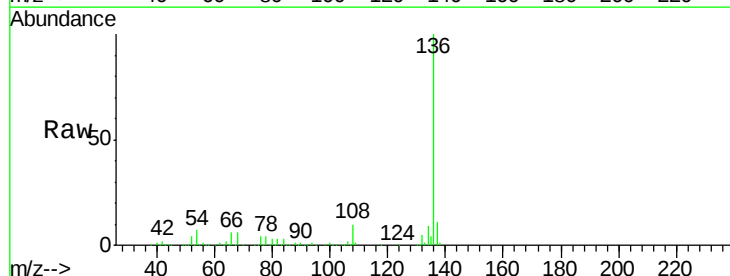
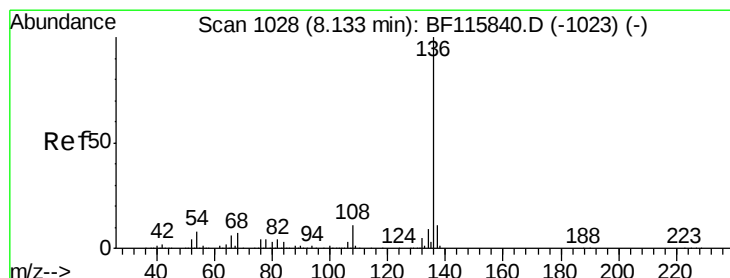
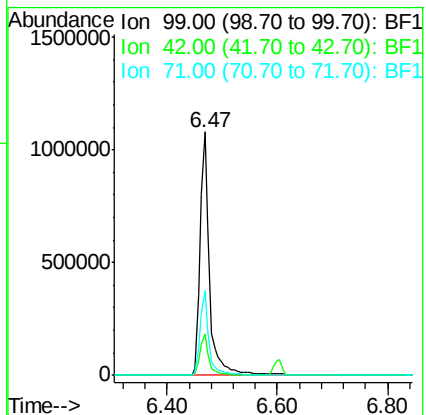
Tot Ion: 99 Resp: 1297336

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.8

71 35.0 27.3 40.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116268.D

Acq: 14 Aug 2019 18:29

Tgt Ion: 136 Resp: 605685

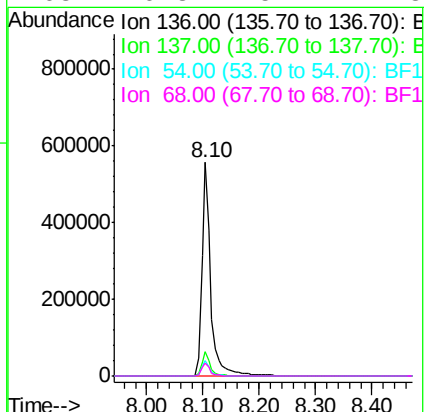
Ion Ratio Lower Upper

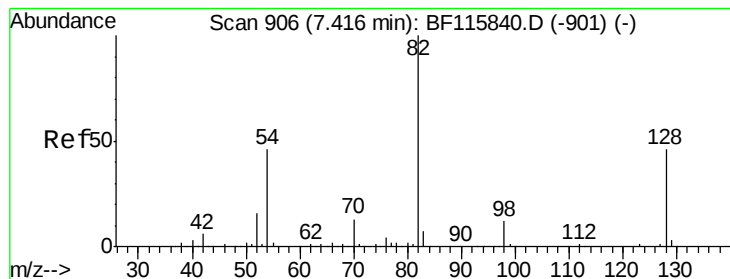
136 100

137 11.2 9.0 13.4

54 7.2 5.8 8.6

68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 100.309 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF116268.D

Acq: 14 Aug 2019 18:29

Instrument :

BNA_F

ClientSampleId :

TR-04-081219

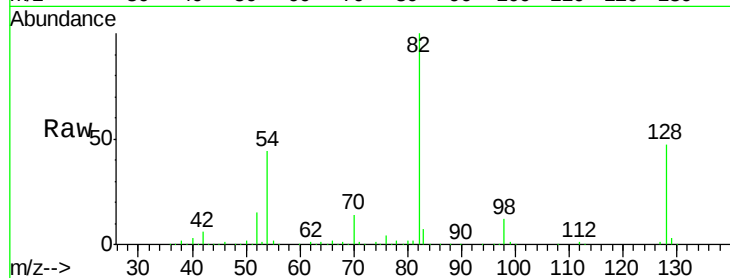
Tot Ion: 82 Resp: 1052532

Ion Ratio Lower Upper

82 100

128 47.2 36.5 54.7

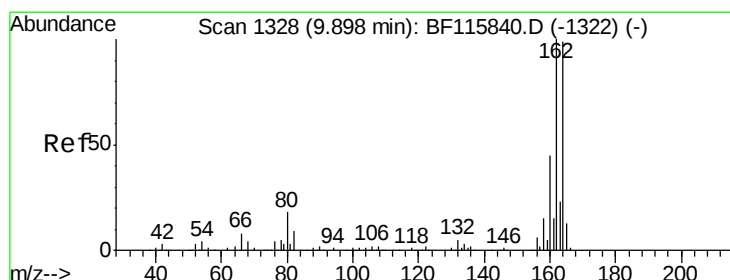
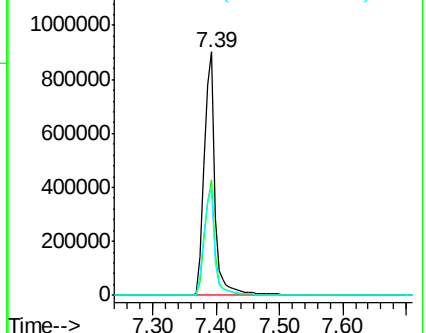
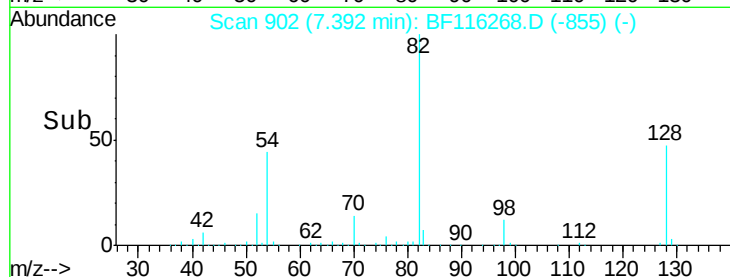
54 43.6 36.0 54.0



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: 9.86 min Scan# 1321

Delta R.T. -0.03 min

Lab File: BF116268.D

Acq: 14 Aug 2019 18:29

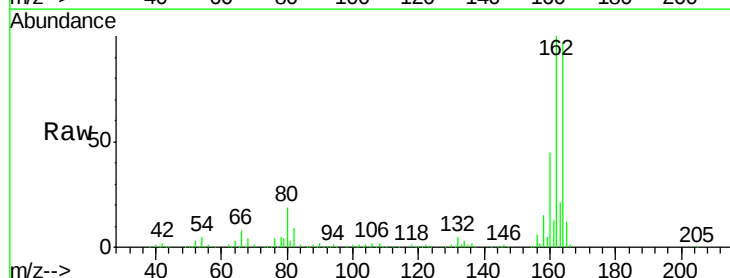
Tgt Ion:164 Resp: 330557

Ion Ratio Lower Upper

164 100

162 103.0 82.6 124.0

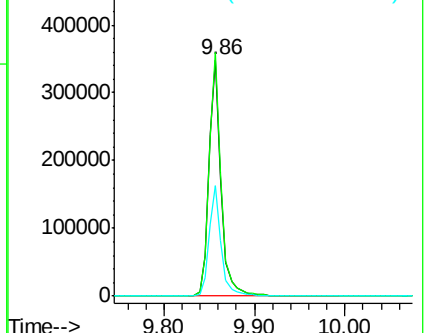
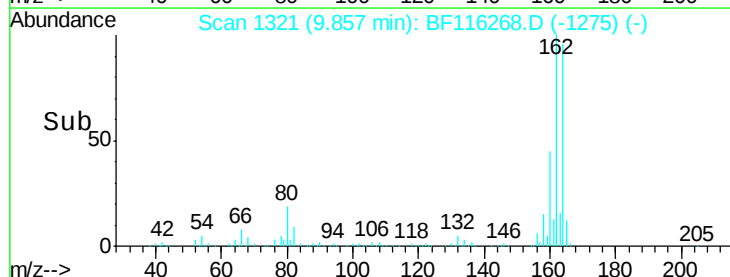
160 46.6 37.6 56.4

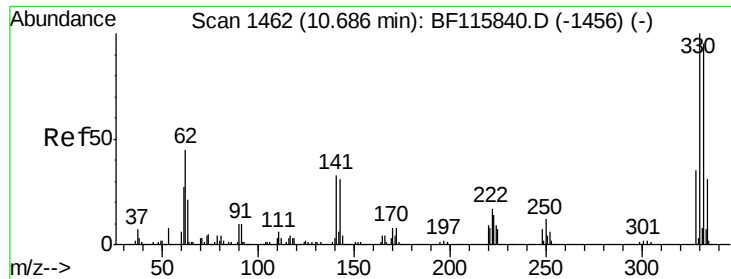


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 148.419 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF116268.D

Acq: 14 Aug 2019 18:29

Instrument :

BNA_F

ClientSampleId :

TR-04-081219

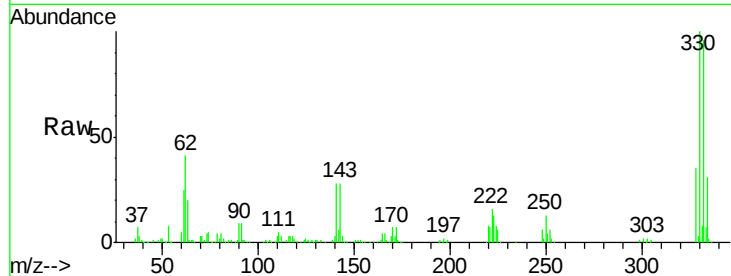
Tot Ion:330 Resp: 475658

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

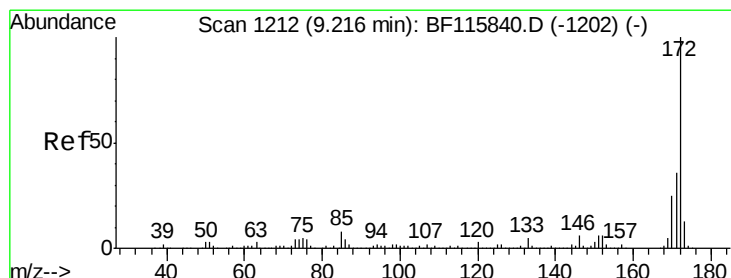
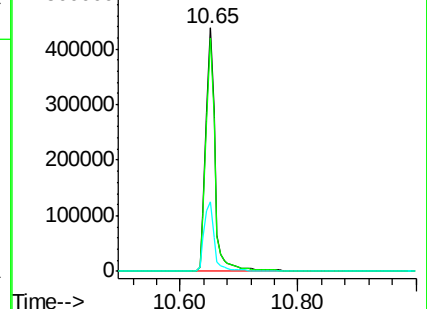
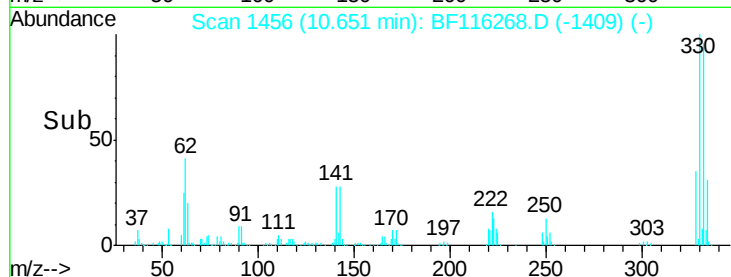
141 31.6 26.3 39.5



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: 98.483 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BF116268.D

Acq: 14 Aug 2019 18:29

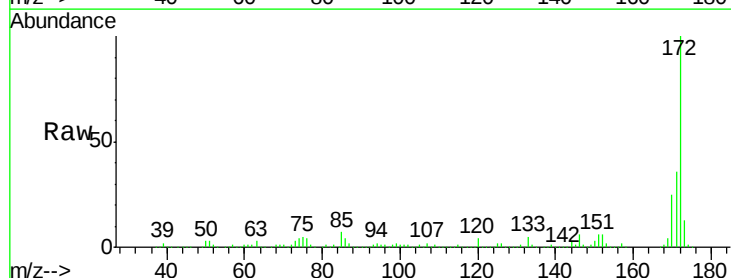
Tgt Ion:172 Resp: 1738018

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

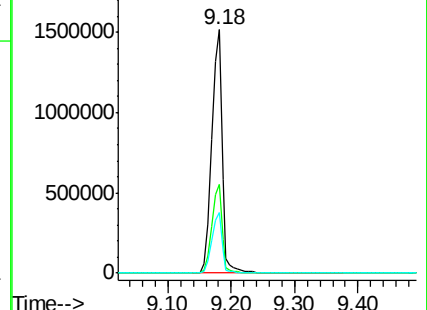
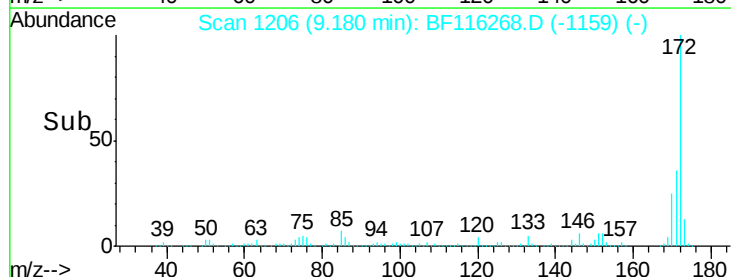
170 25.1 20.1 30.1

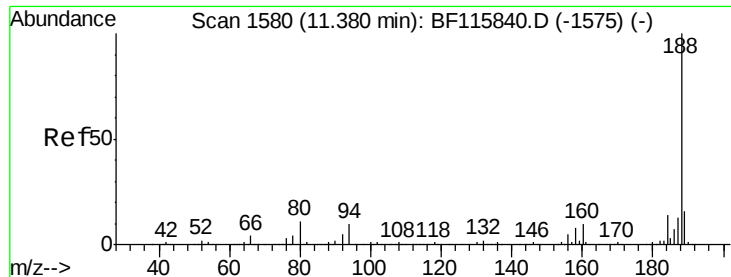


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

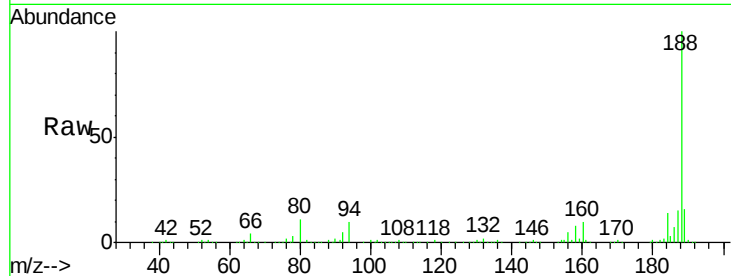




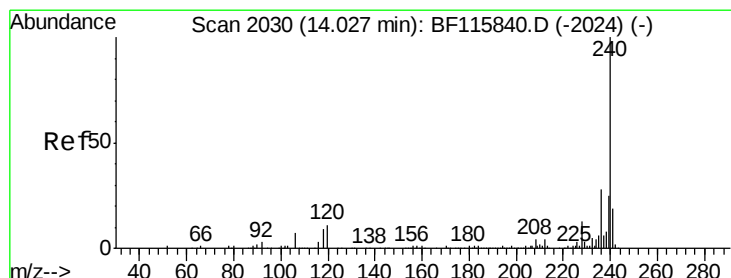
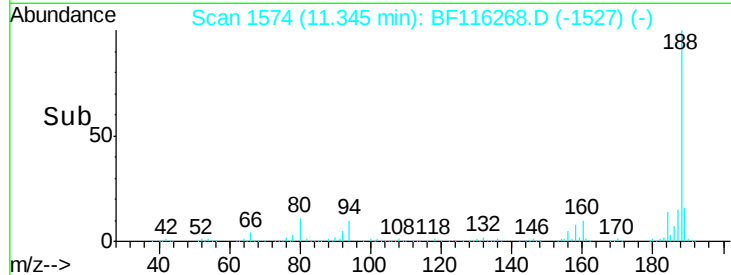
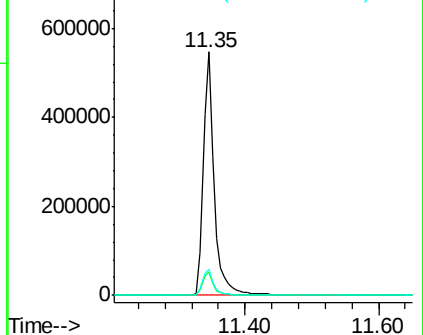
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF116268.D
Acq: 14 Aug 2019 18:29

Instrument :
BNA_F
ClientSampleId :
TR-04-081219

Tot Ion:188 Resp: 603839
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 10.6 8.7 13.1

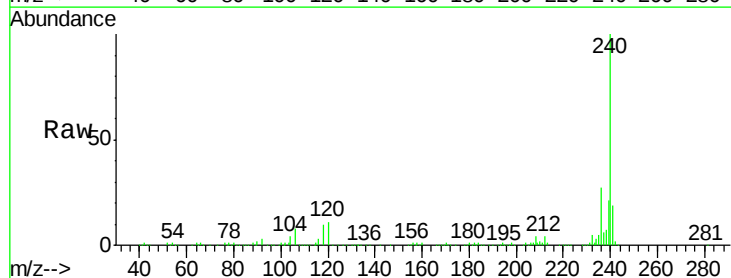


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

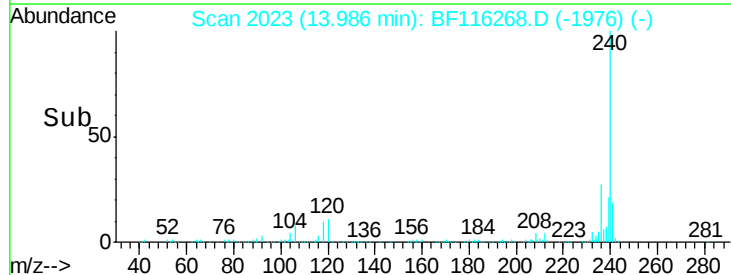
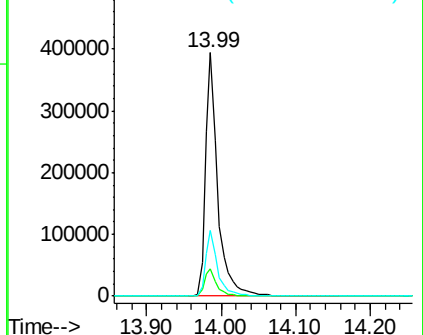


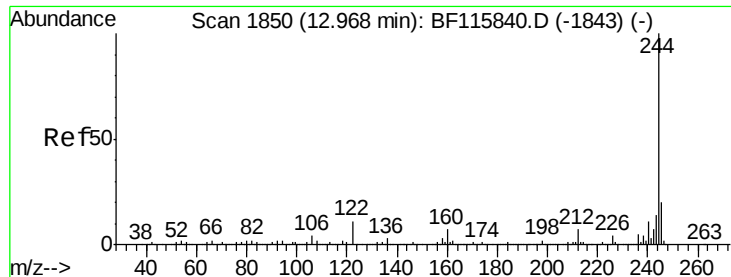
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF116268.D
Acq: 14 Aug 2019 18:29

Tgt Ion:240 Resp: 447551
Ion Ratio Lower Upper
240 100
120 11.4 10.7 16.1
236 26.9 22.2 33.2



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: 93.862 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF116268.D

Acq: 14 Aug 2019 18:29

Instrument :

BNA_F

ClientSampleId :

TR-04-081219

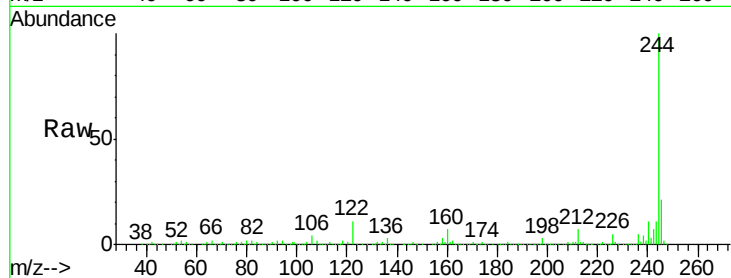
Tot Ion:244 Resp: 1993582

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

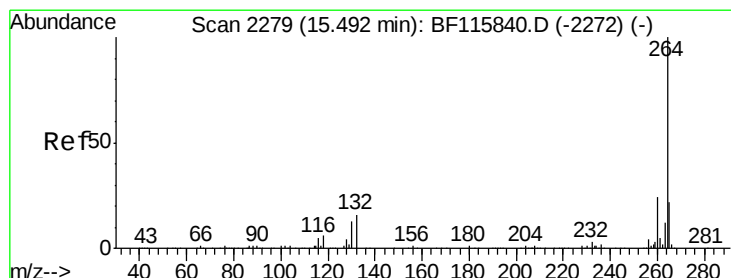
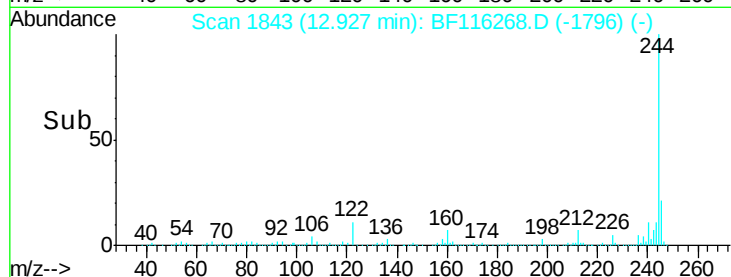
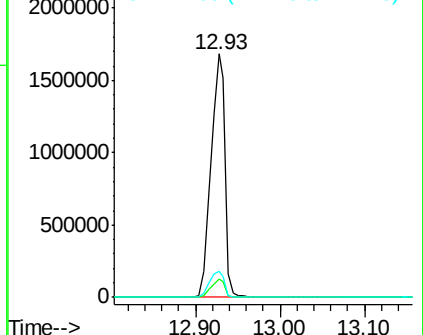
122 10.7 9.0 13.4



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: 15.44 min Scan# 2271

Delta R.T. -0.03 min

Lab File: BF116268.D

Acq: 14 Aug 2019 18:29

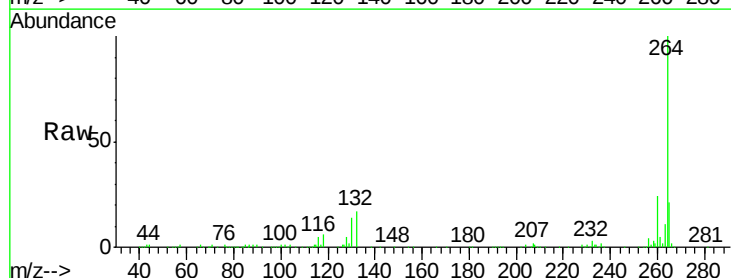
Tgt Ion:264 Resp: 385202

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 21.3 17.4 26.0



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

