

Data File : BF116078.D
Acq On : 8 Aug 2019 20:18
Operator : HP/JU
Sample : K4131-31
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(0-1)

Quant Time: Aug 12 04:00:06 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	6.84	152	131393	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	508034	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	280844	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	547522	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	508956	20.00	ng	-0.01
87) Perylene-d12	15.46	264	478712	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	912892	116.31	ng	0.00
7) Phenol-d6	6.47	99	1062064	107.25	ng	-0.01
23) Nitrobenzene-d5	7.40	82	872792	99.17	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	415184	152.48	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1457973	97.24	ng	-0.01
79) Terphenyl-d14	12.94	244	2005384	83.03	ng	0.00

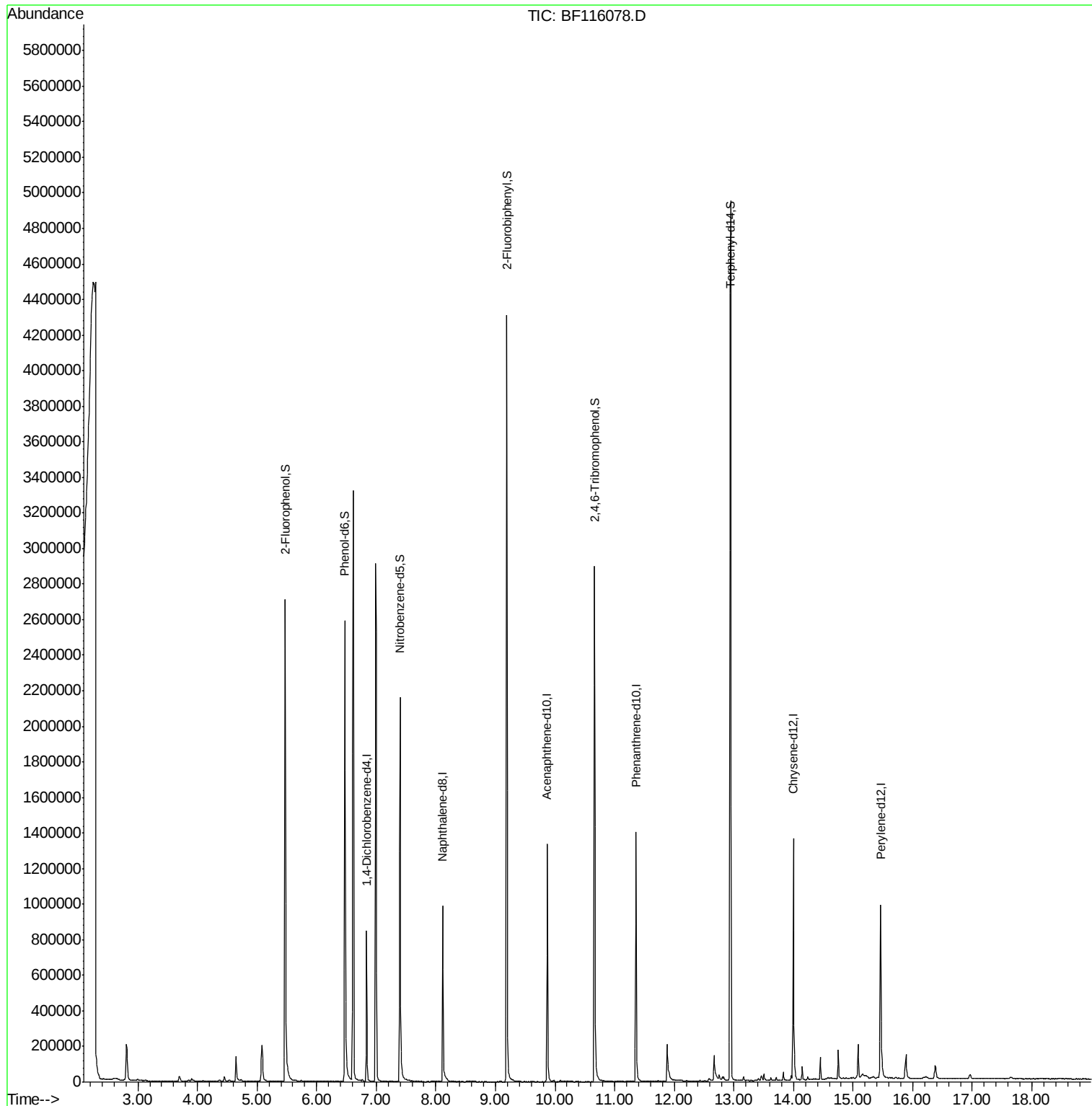
Target Compounds Qvalue

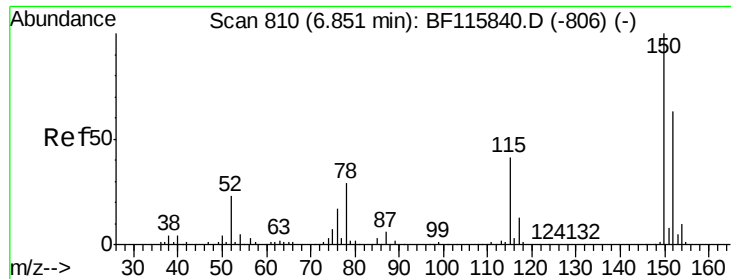
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF116078.D
Acq On : 8 Aug 2019 20:18
Operator : HP/JU
Sample : K4131-31
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(0-1)

Quant Time: Aug 12 04:00:06 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116078.D

Acq: 8 Aug 2019 20:18

Instrument :

BNA_F

ClientSampleId :

1S-E1-E4-COMP-(0-1)

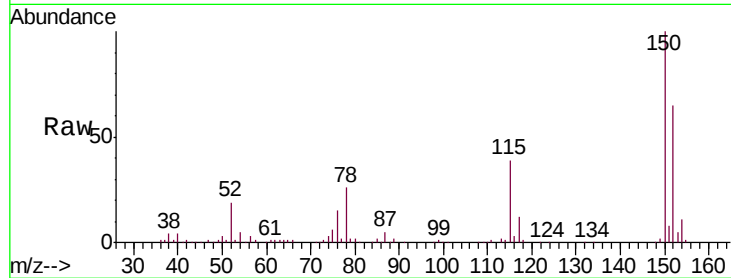
Tgt Ion:152 Resp: 131393

Ion Ratio Lower Upper

152 100

150 153.1 126.2 189.2

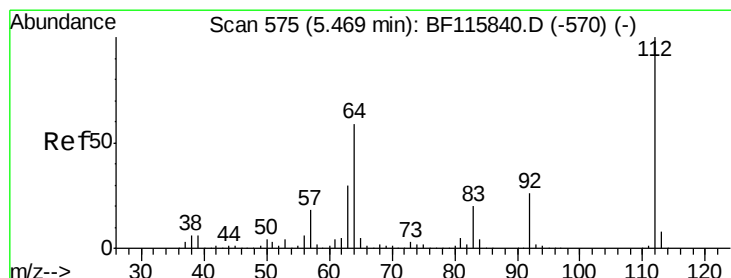
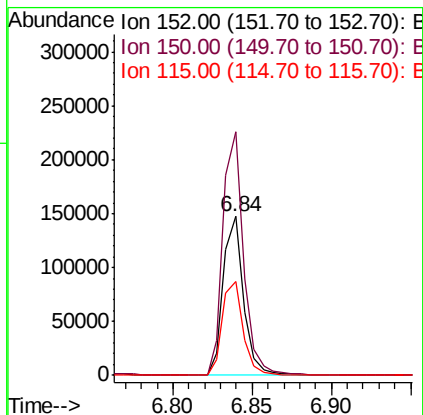
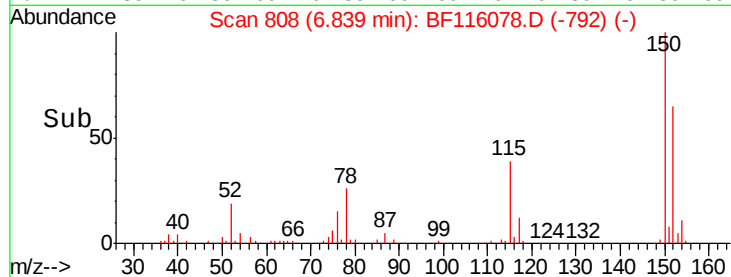
115 59.2 49.9 74.9



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: 116.310 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116078.D

Acq: 8 Aug 2019 20:18

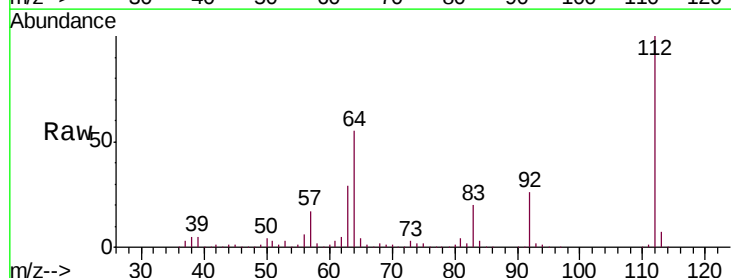
Tgt Ion:112 Resp: 912892

Ion Ratio Lower Upper

112 100

64 55.5 45.4 68.2

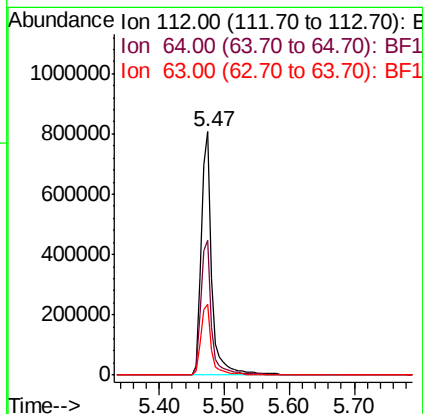
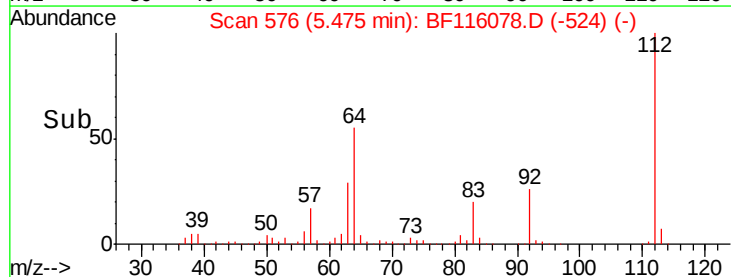
63 29.0 23.7 35.5

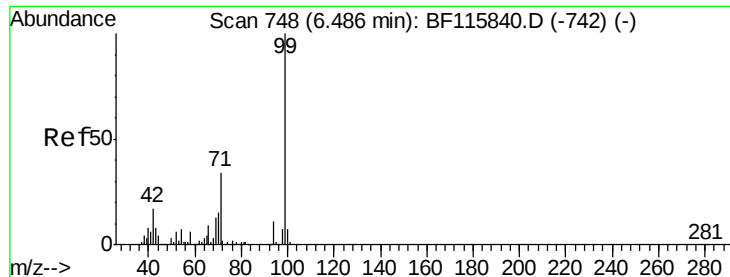


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 107.251 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116078.D

Acq: 8 Aug 2019 20:18

Instrument :

BNA_F

ClientSampleId :

1S-E1-E4-COMP-(0-1)

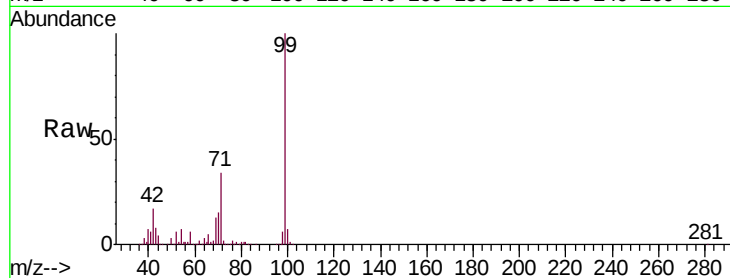
Tgt Ion: 99 Resp: 1062064

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

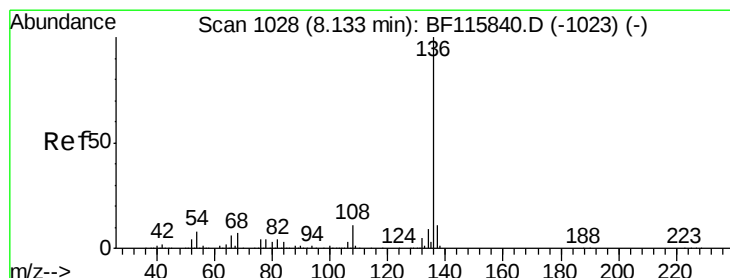
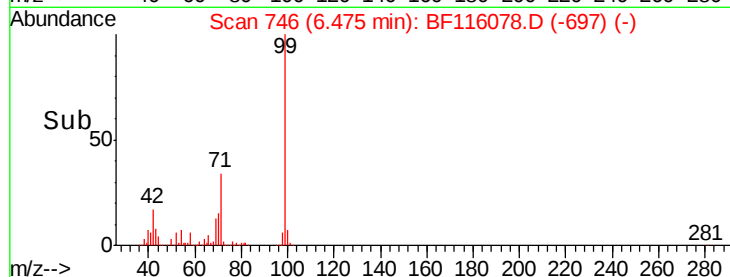
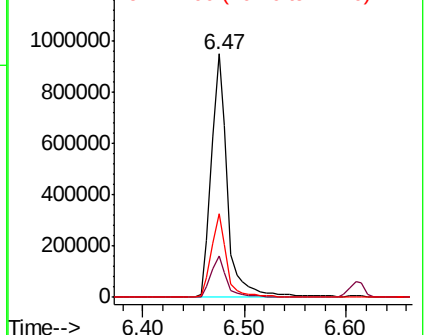
71 34.2 27.3 40.9



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116078.D

Acq: 8 Aug 2019 20:18

Tgt Ion: 136 Resp: 508034

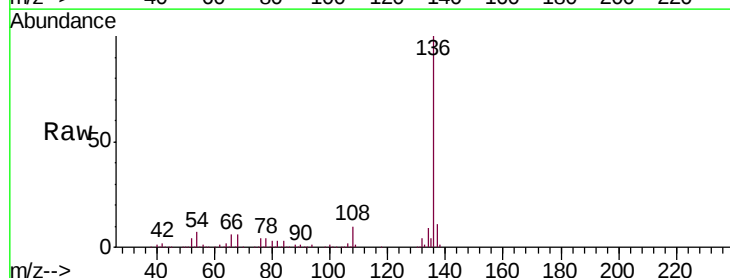
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.9 5.8 8.6

68 6.1 5.2 7.8

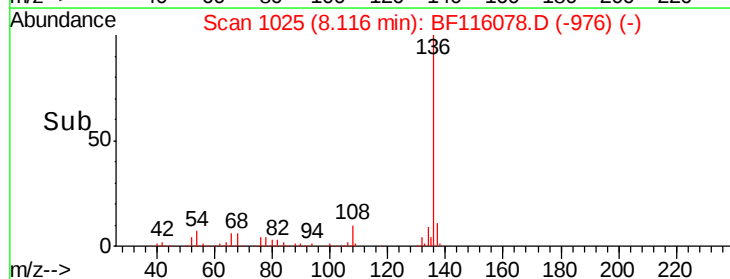
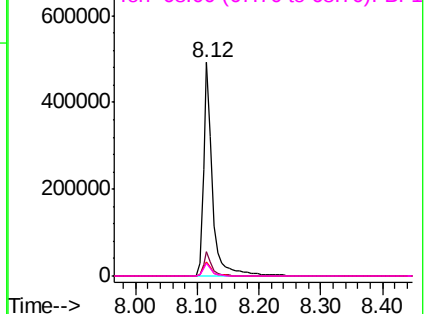


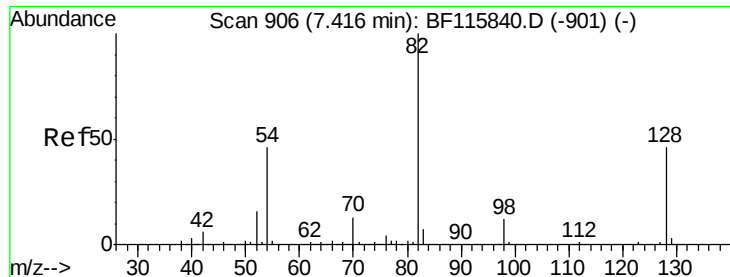
Abundance Ion 136.00 (135.70 to 136.70): E

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

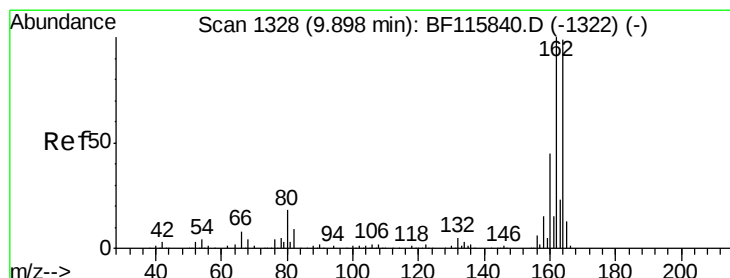
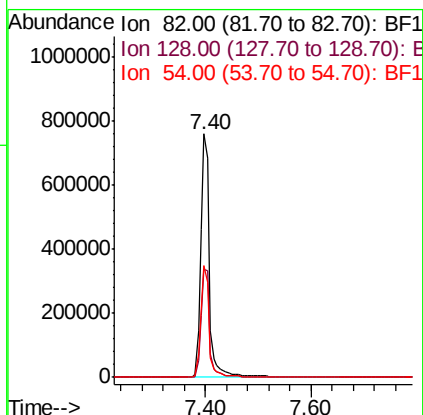
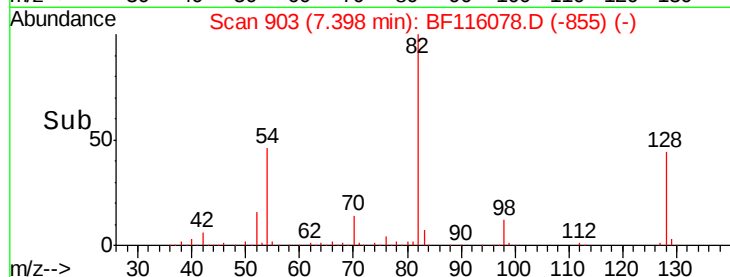
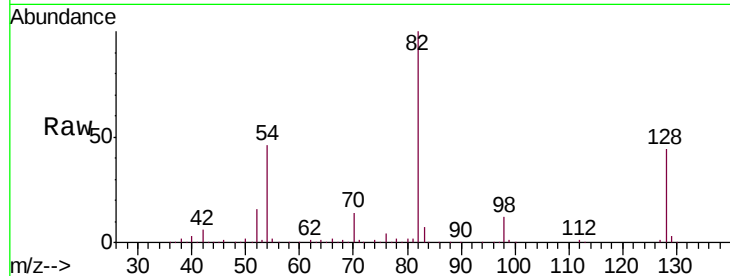




#23
 Nitrobenzene-d5
 Concen: 99.167 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116078.D
 Acq: 8 Aug 2019 20:18

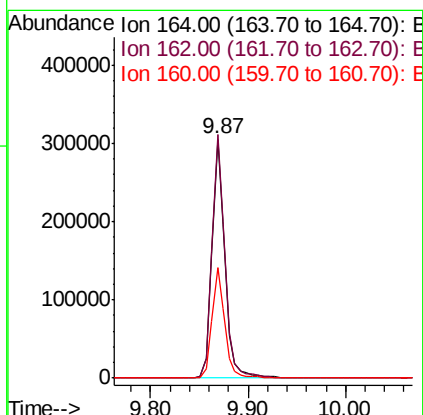
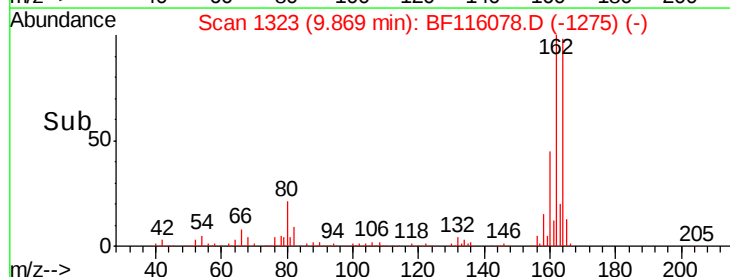
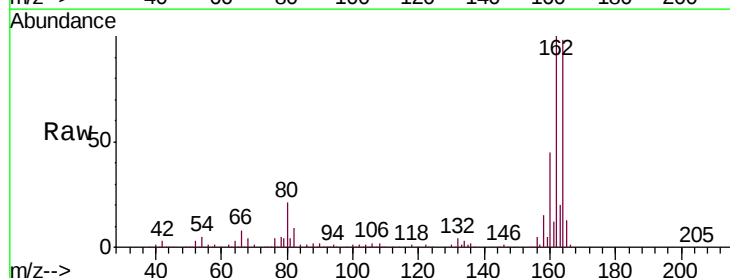
Instrument :
 BNA_F
 ClientSampleId :
 1S-E1-E4-COMP-(0-1)

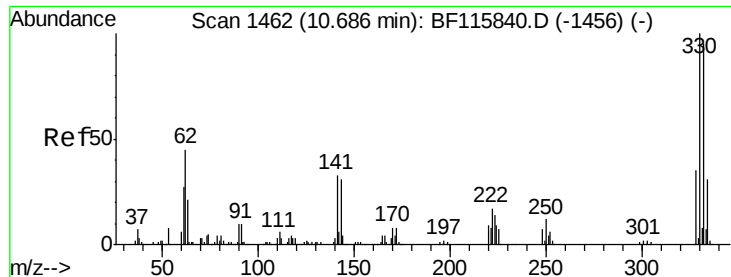
Tgt Ion: 82 Resp: 872792
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.5 54.7
 54 45.7 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116078.D
 Acq: 8 Aug 2019 20:18

Tgt Ion: 164 Resp: 280844
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 124.0
 160 46.0 37.6 56.4

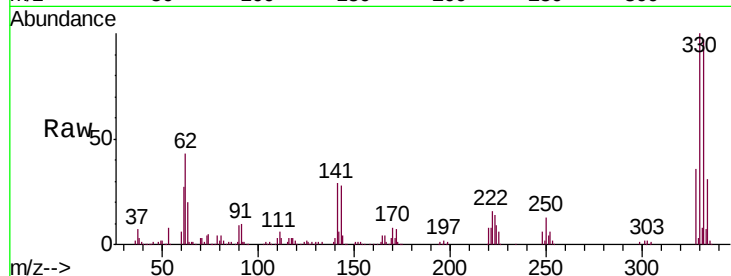




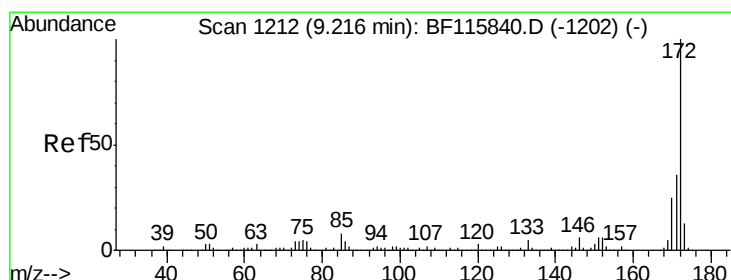
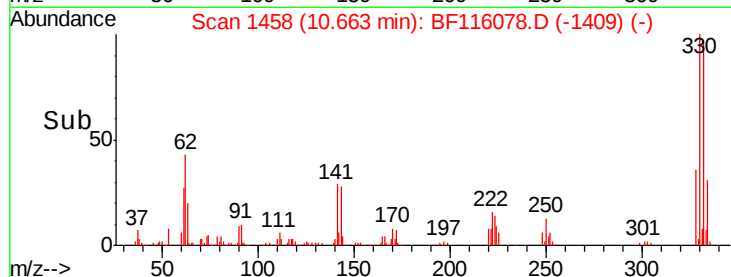
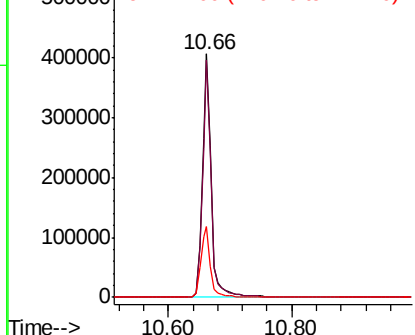
#42
 2,4,6-Tribromophenol
 Concen: 152.481 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116078.D
 Acq: 8 Aug 2019 20:18

Instrument :
 BNA_F
 ClientSampleId :
 1S-E1-E4-COMP-(0-1)

Tgt Ion:330 Resp: 415184
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.8 115.2
 141 31.9 26.3 39.5

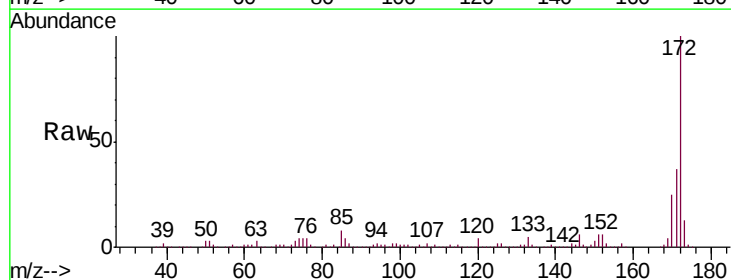


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

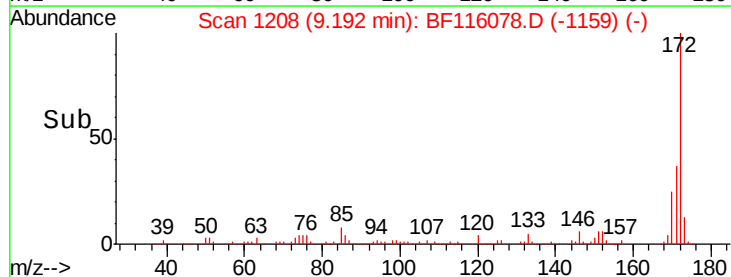
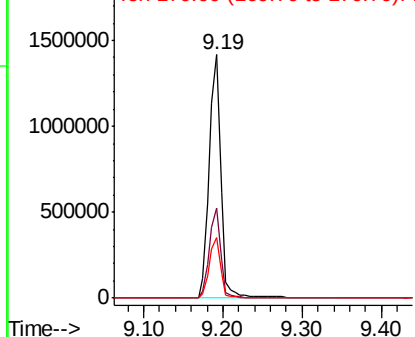


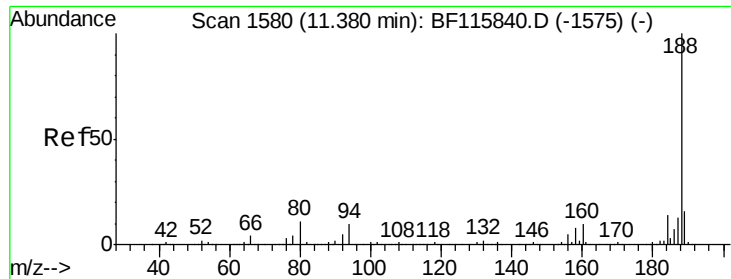
#45
 2-Fluorobiphenyl
 Concen: 97.239 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116078.D
 Acq: 8 Aug 2019 20:18

Tgt Ion:172 Resp: 1457973
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 25.0 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

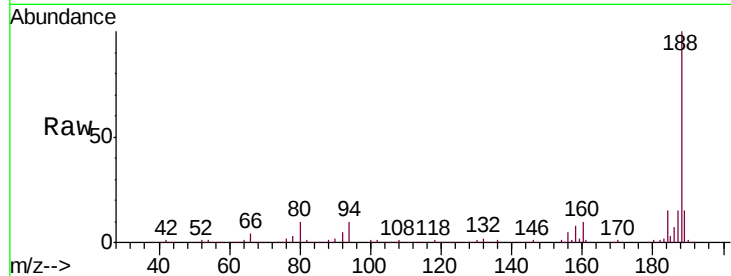




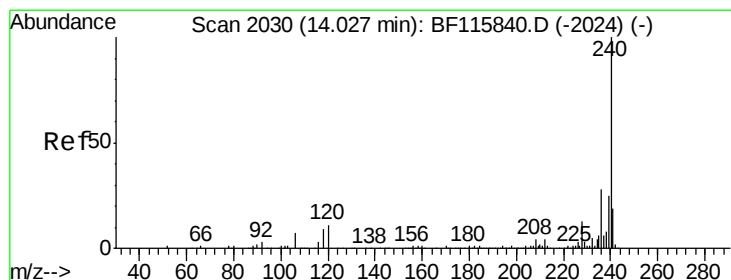
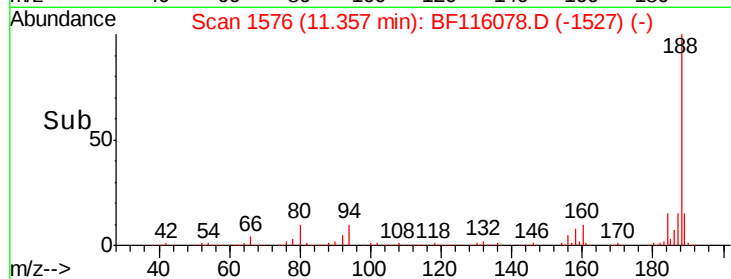
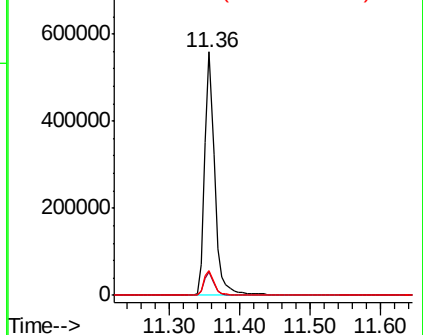
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116078.D
Acq: 8 Aug 2019 20:18

Instrument :
BNA_F
ClientSampleId :
1S-E1-E4-COMP-(0-1)

Tgt Ion:188 Resp: 547522
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 10.4 8.7 13.1

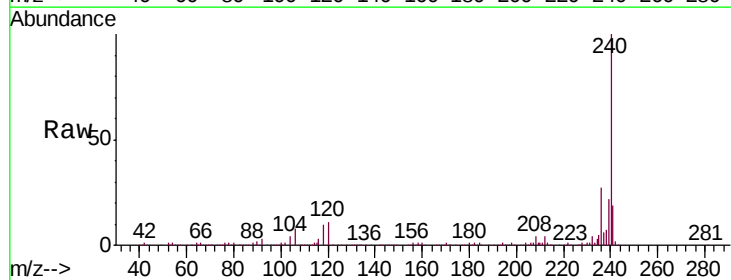


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

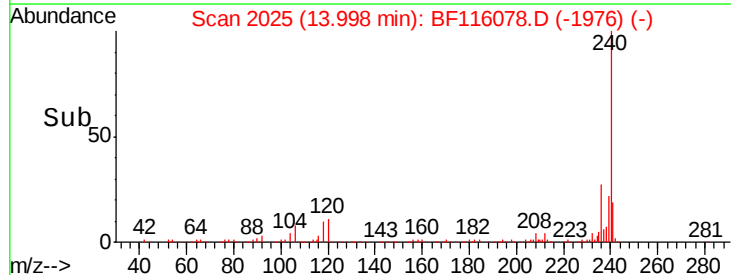
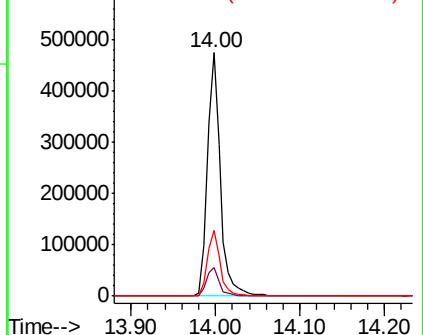


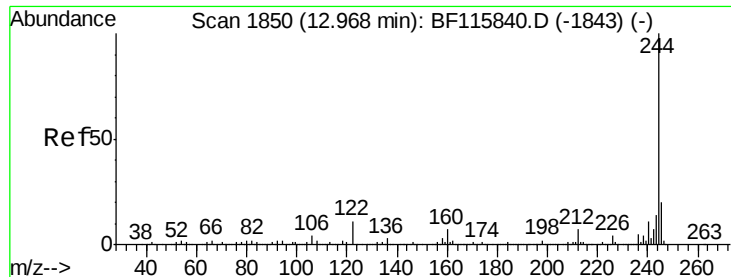
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116078.D
Acq: 8 Aug 2019 20:18

Tgt Ion:240 Resp: 508956
Ion Ratio Lower Upper
240 100
120 11.5 10.7 16.1
236 27.2 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: 83.026 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116078.D

Acq: 8 Aug 2019 20:18

Instrument :

BNA_F

ClientSampleId :

1S-E1-E4-COMP-(0-1)

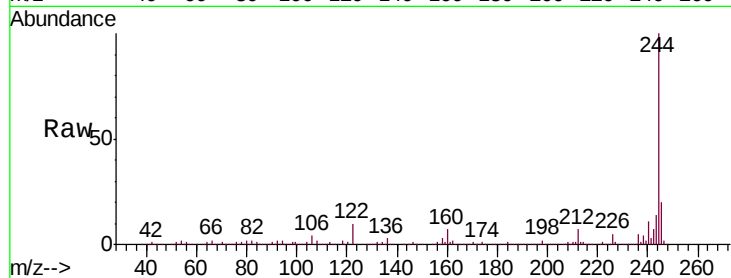
Tgt Ion:244 Resp: 2005384

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

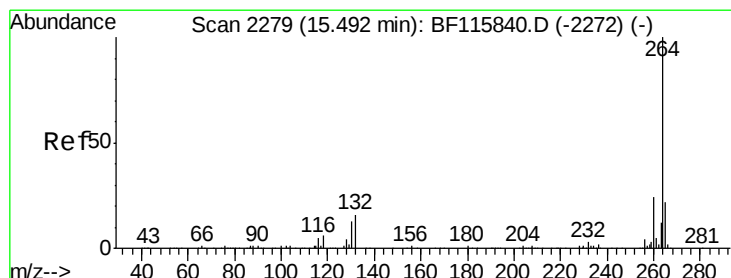
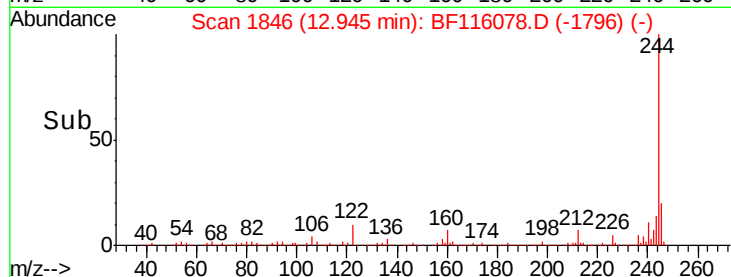
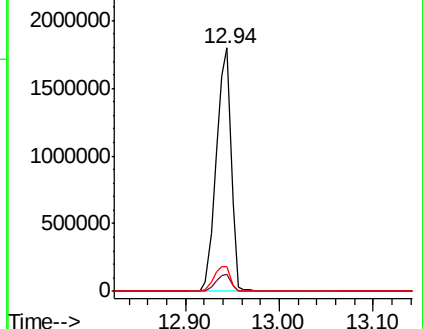
122 10.3 9.0 13.4



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF116078.D

Acq: 8 Aug 2019 20:18

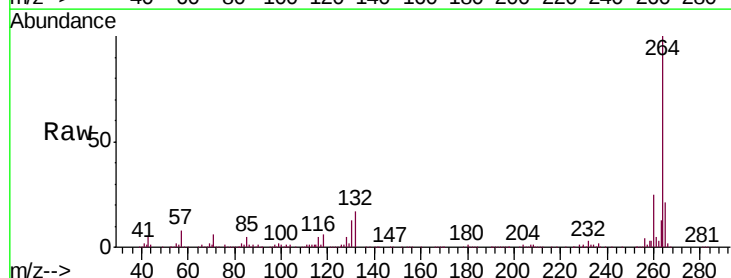
Tgt Ion:264 Resp: 478712

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 21.2 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

