

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081419\
 Data File : BF116262.D
 Acq On : 14 Aug 2019 15:02
 Operator : HP/JU
 Sample : K4228-22
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-F1-F4-COMP-(0-1)

Quant Time: Aug 14 16:40:25 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	6.82	152	145353	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	559099	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	304640	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	564807	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	437617	20.00	ng	-0.02
87) Perylene-d12	15.44	264	408420	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	957755	110.31	ng	0.00
7) Phenol-d6	6.47	99	1126068	102.79	ng	-0.02
23) Nitrobenzene-d5	7.39	82	924780	95.48	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	416683	141.08	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1527279	93.90	ng	-0.02
79) Terphenyl-d14	12.93	244	1878496	90.45	ng	-0.02

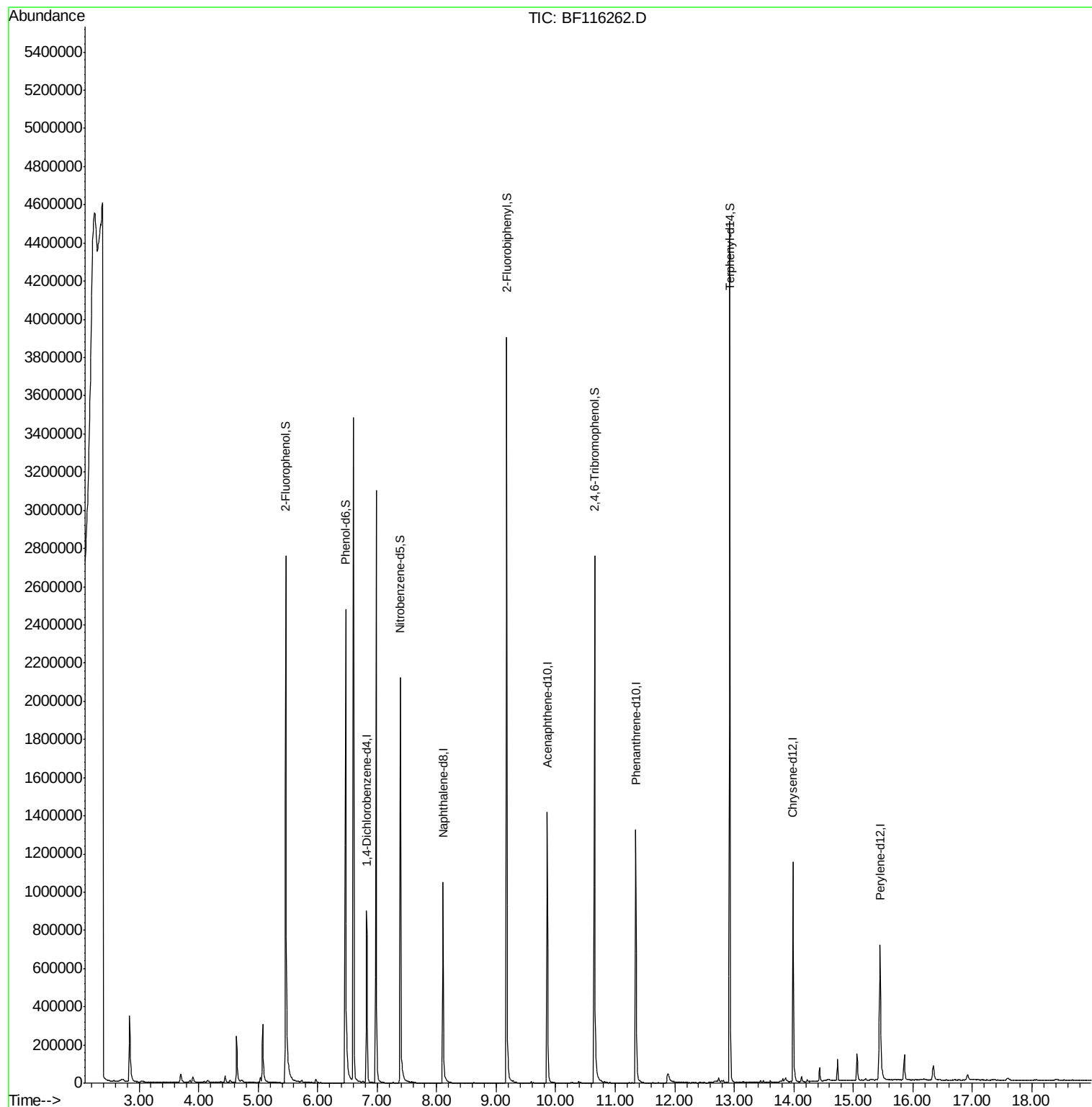
Target Compounds Qvalue

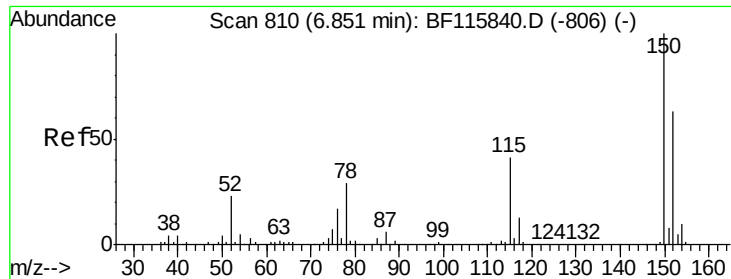
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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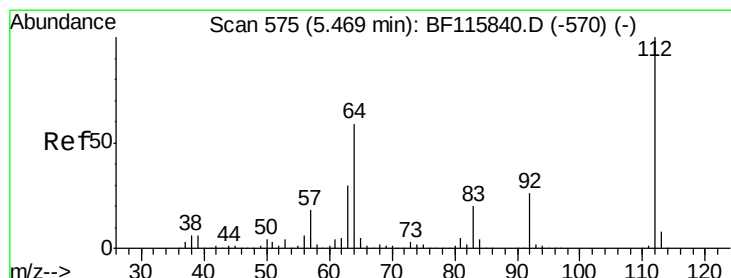
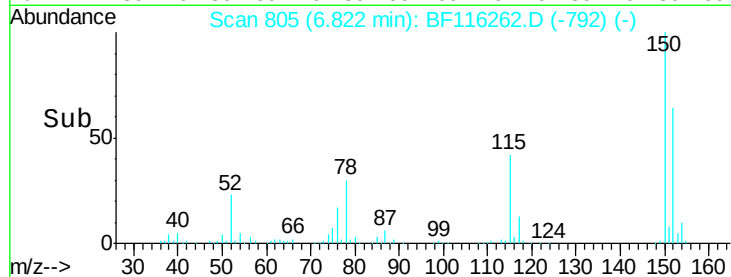
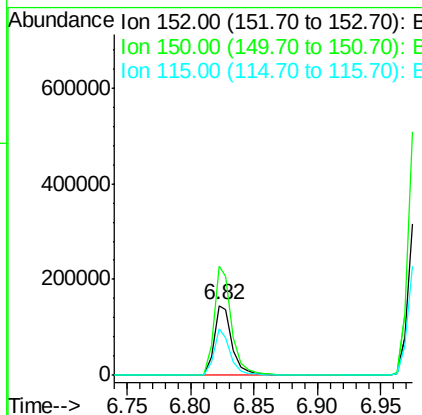
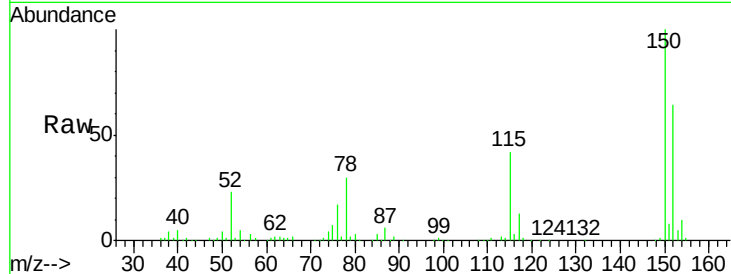


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF116262.D
Acq: 14 Aug 2019 15:02

Instrument :
BNA_F
ClientSampleId :
2S-F1-F4-COMP-(0-1)

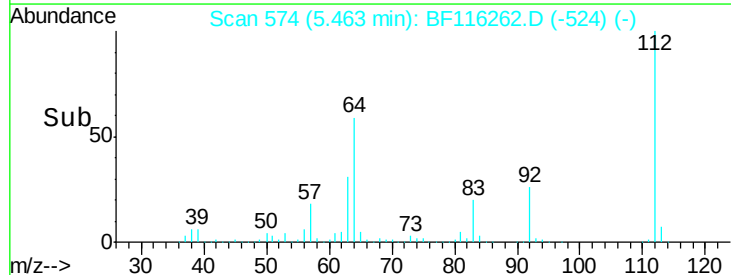
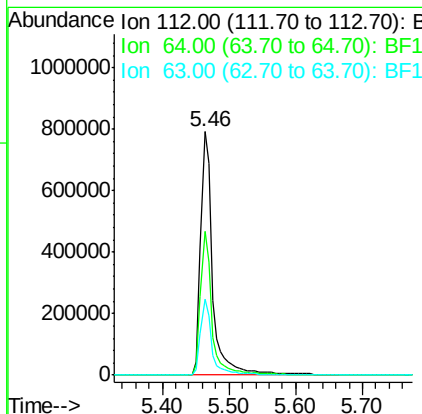
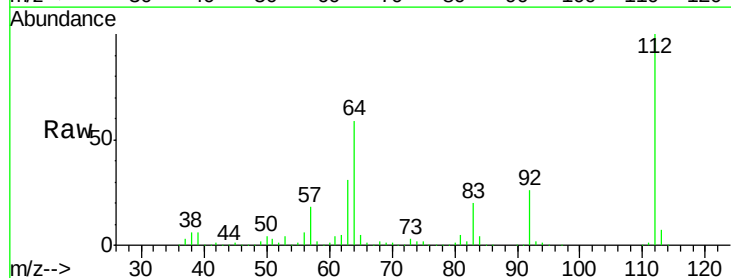
Tot Ion:152 Resp: 145353
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 65.6 49.9 74.9

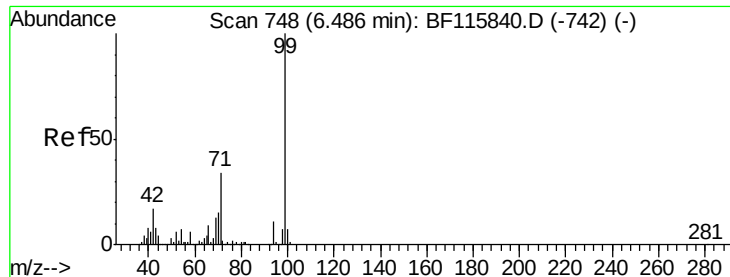


#5

2-Fluorophenol
Concen: 110.307 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116262.D
Acq: 14 Aug 2019 15:02

Tgt Ion:112 Resp: 957755
Ion Ratio Lower Upper
112 100
64 59.0 45.4 68.2
63 31.0 23.7 35.5





#7

Phenol-d6

Concen: 102.793 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116262.D

Acq: 14 Aug 2019 15:02

Instrument :

BNA_F

ClientSampleId :

2S-F1-F4-COMP-(0-1)

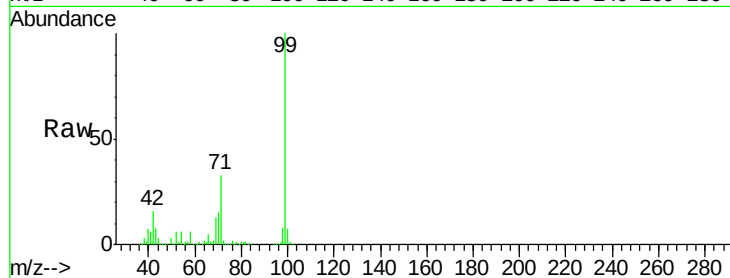
Tot Ion: 99 Resp: 1126068

Ion Ratio Lower Upper

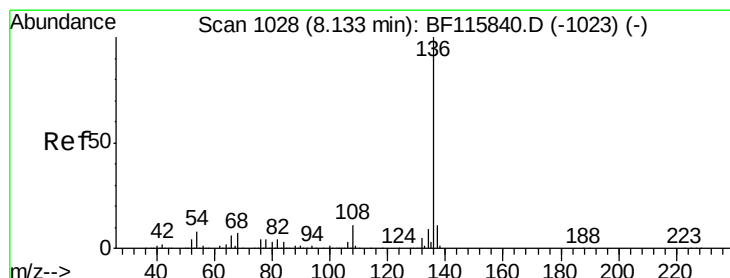
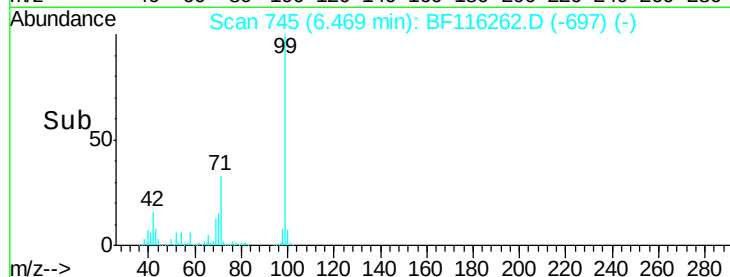
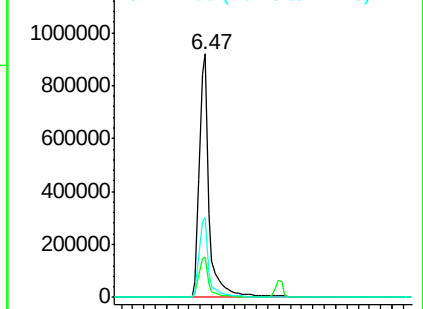
99 100

42 16.2 13.8 20.8

71 32.7 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: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116262.D

Acq: 14 Aug 2019 15:02

Tgt Ion: 136 Resp: 559099

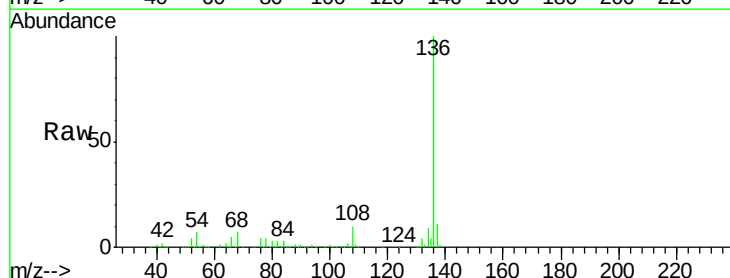
Ion Ratio Lower Upper

136 100

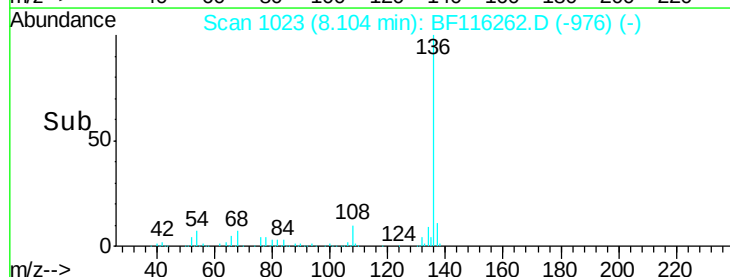
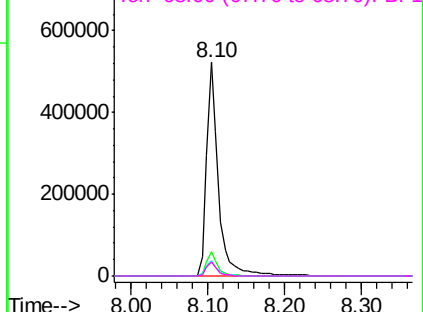
137 11.2 9.0 13.4

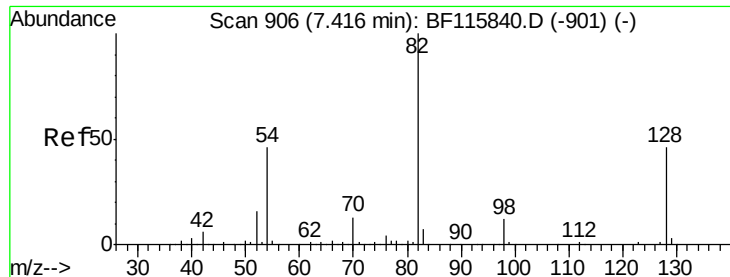
54 7.0 5.8 8.6

68 6.6 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

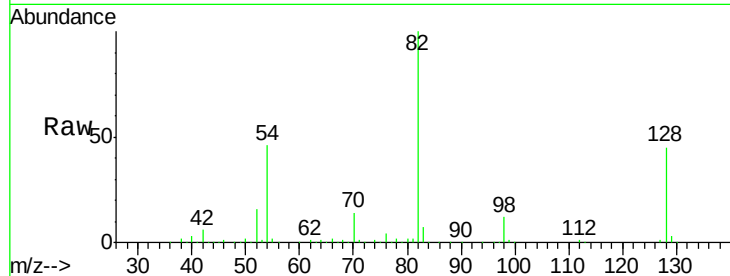




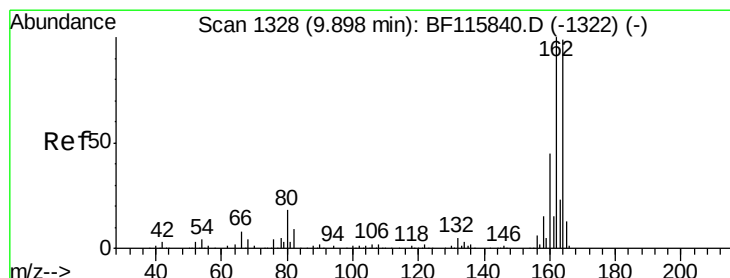
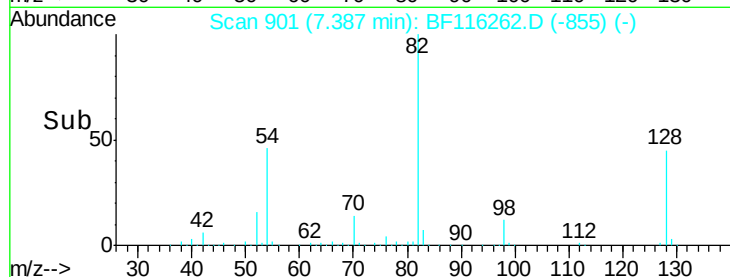
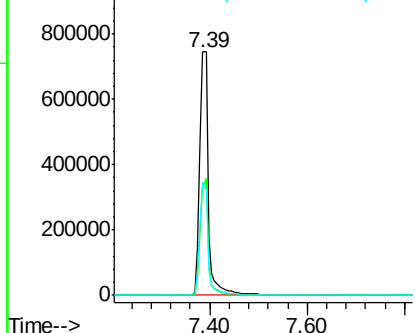
#23
 Nitrobenzene-d5
 Concen: 95.477 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.03 min
 Lab File: BF116262.D
 Acq: 14 Aug 2019 15:02

Instrument :
 BNA_F
 ClientSampleId :
 2S-F1-F4-COMP-(0-1)

Tot Ion: 82 Resp: 924780
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.5 54.7
 54 46.2 36.0 54.0

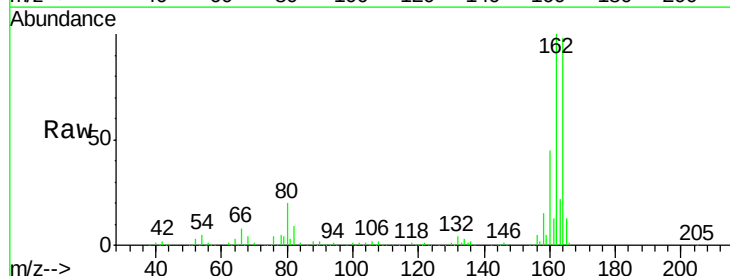


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

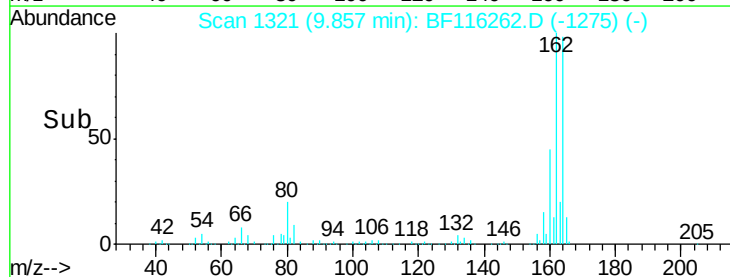
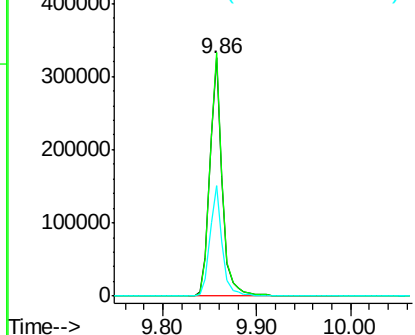


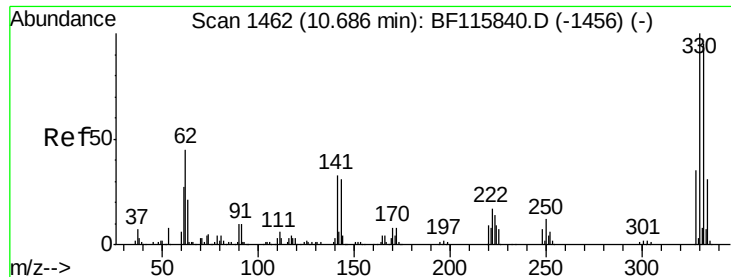
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF116262.D
 Acq: 14 Aug 2019 15:02

Tgt Ion: 164 Resp: 304640
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 124.0
 160 46.1 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: 141.078 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF116262.D

Acq: 14 Aug 2019 15:02

Instrument :

BNA_F

ClientSampleId :

2S-F1-F4-COMP-(0-1)

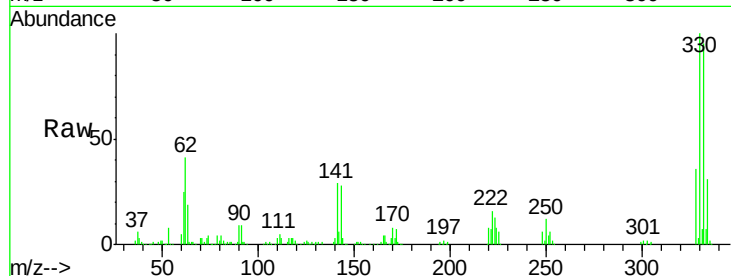
Tot Ion:330 Resp: 416683

Ion Ratio Lower Upper

330 100

332 95.4 76.8 115.2

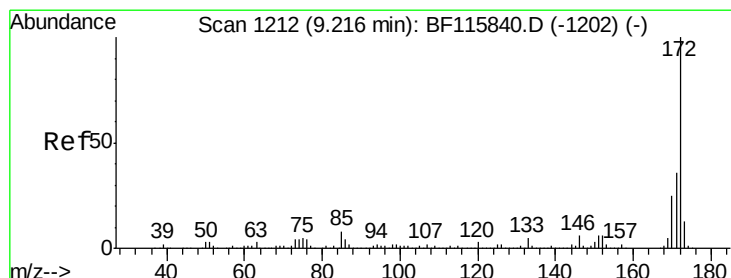
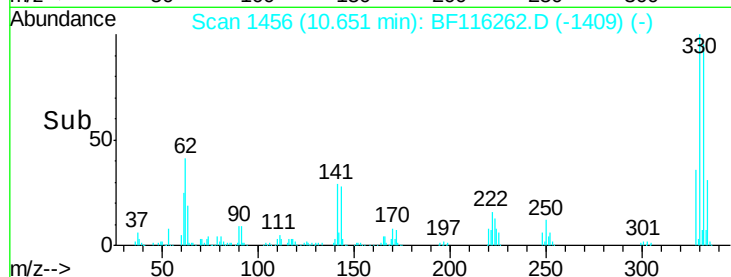
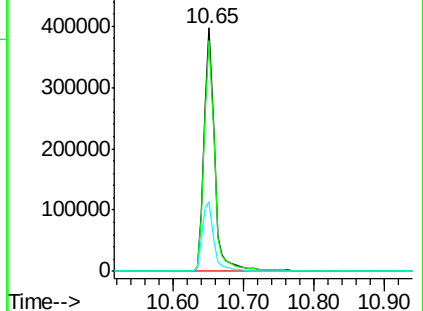
141 32.4 26.3 39.5



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: 93.904 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BF116262.D

Acq: 14 Aug 2019 15:02

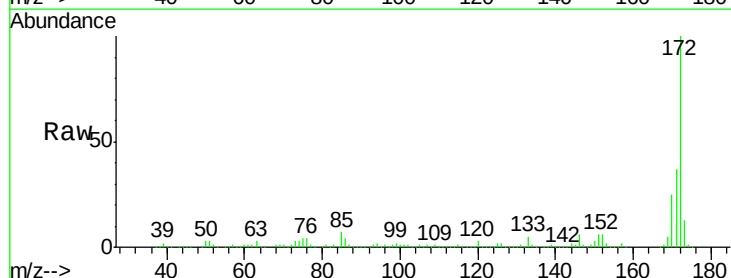
Tgt Ion:172 Resp: 1527279

Ion Ratio Lower Upper

172 100

171 37.0 29.6 44.4

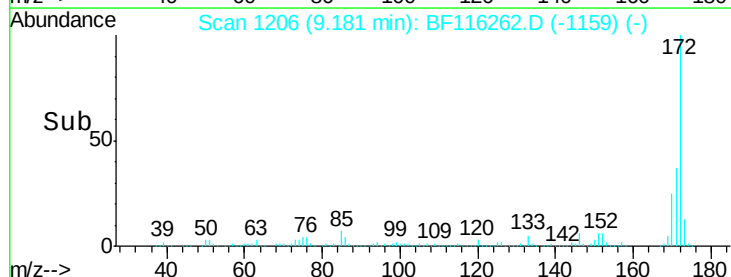
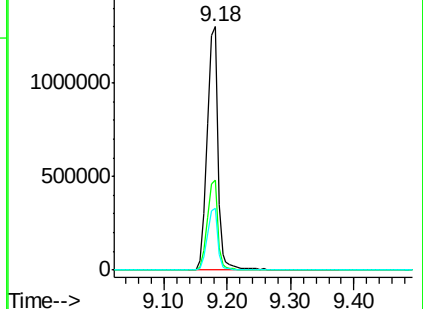
170 25.3 20.1 30.1

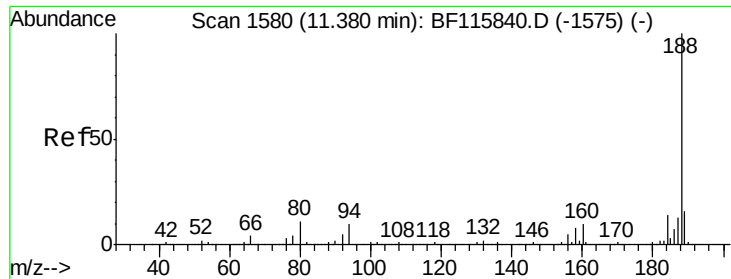


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF116262.D

Acq: 14 Aug 2019 15:02

Instrument :

BNA_F

ClientSampleId :

2S-F1-F4-COMP-(0-1)

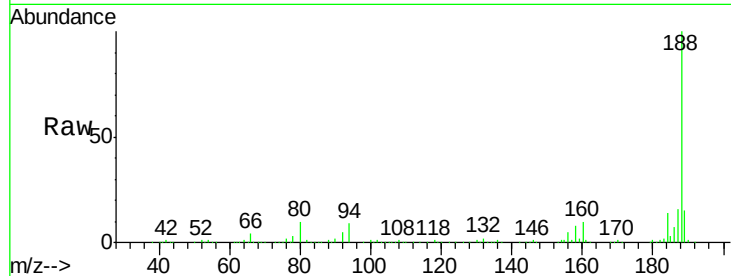
Tot Ion:188 Resp: 564807

Ion Ratio Lower Upper

188 100

94 9.4 8.1 12.1

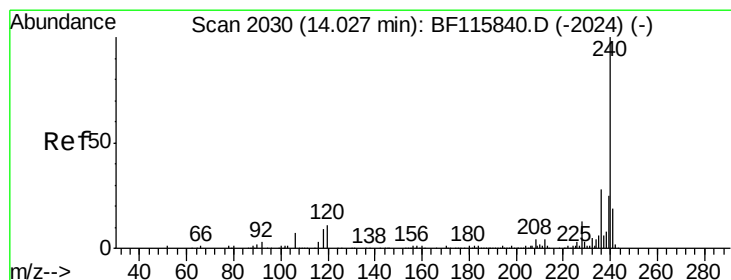
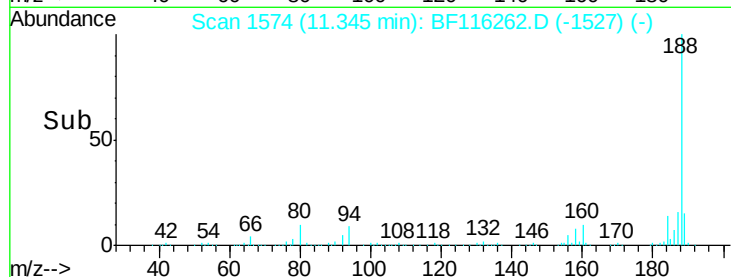
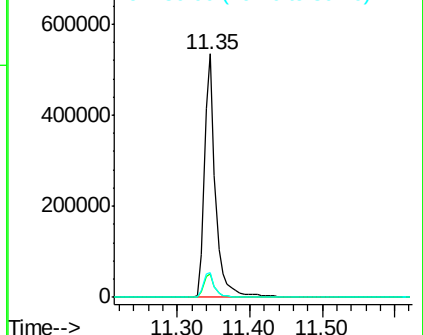
80 10.2 8.7 13.1



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: BF116262.D

Acq: 14 Aug 2019 15:02

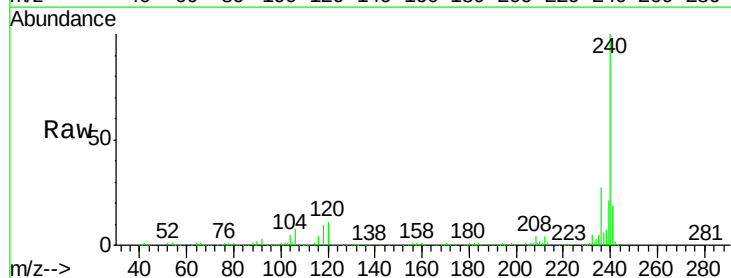
Tgt Ion:240 Resp: 437617

Ion Ratio Lower Upper

240 100

120 11.4 10.7 16.1

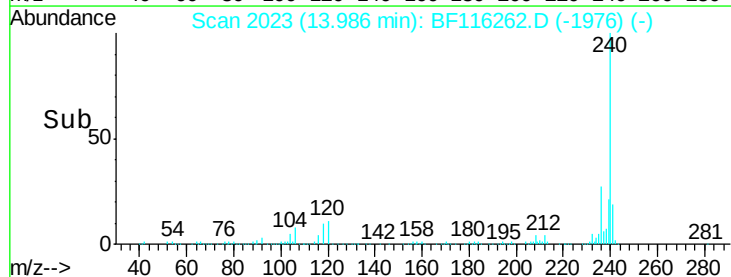
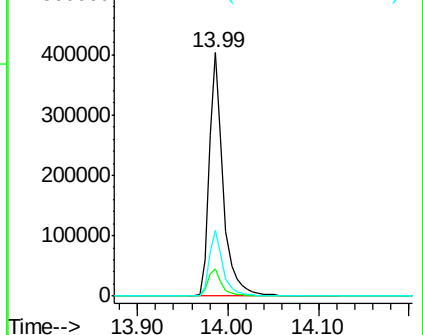
236 27.1 22.2 33.2

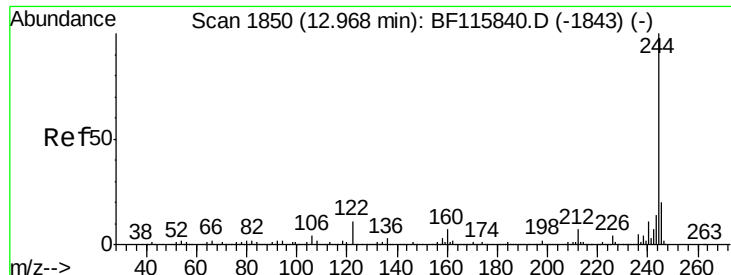


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.451 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF116262.D

Acq: 14 Aug 2019 15:02

Instrument :

BNA_F

ClientSampleId :

2S-F1-F4-COMP-(0-1)

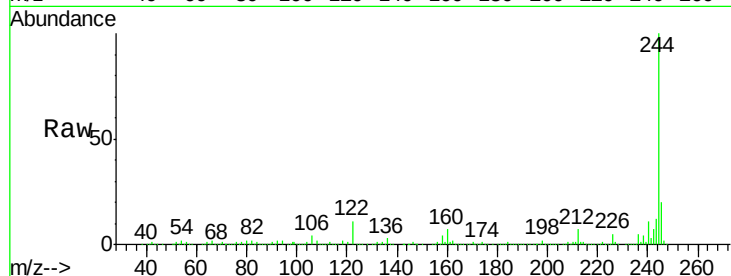
Tot Ion:244 Resp: 1878496

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

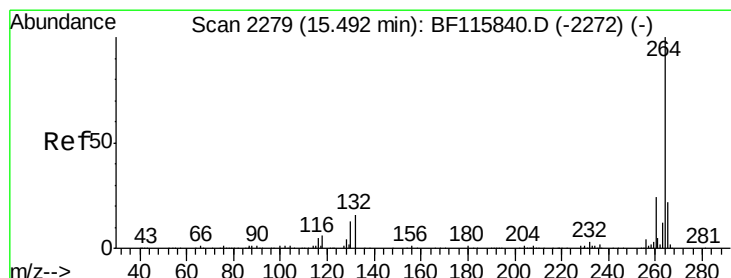
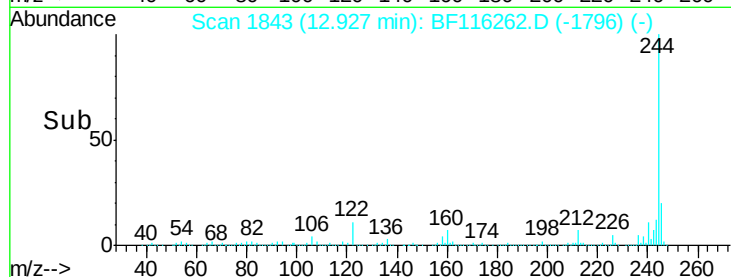
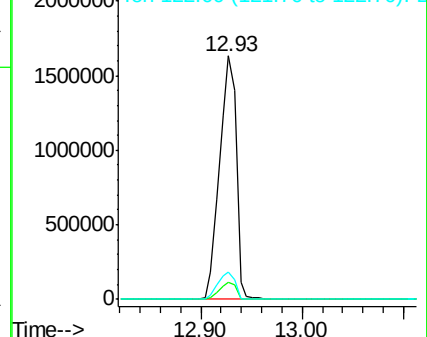
122 11.2 9.0 13.4



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: BF116262.D

Acq: 14 Aug 2019 15:02

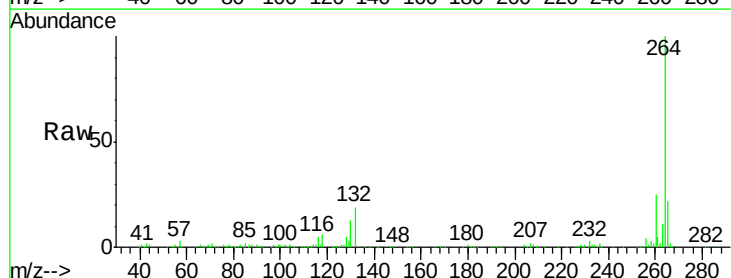
Tgt Ion:264 Resp: 408420

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 22.4 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

