

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116321.D
 Acq On : 16 Aug 2019 14:41
 Operator : HP/JU
 Sample : K4356-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Aug 17 04:06:38 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

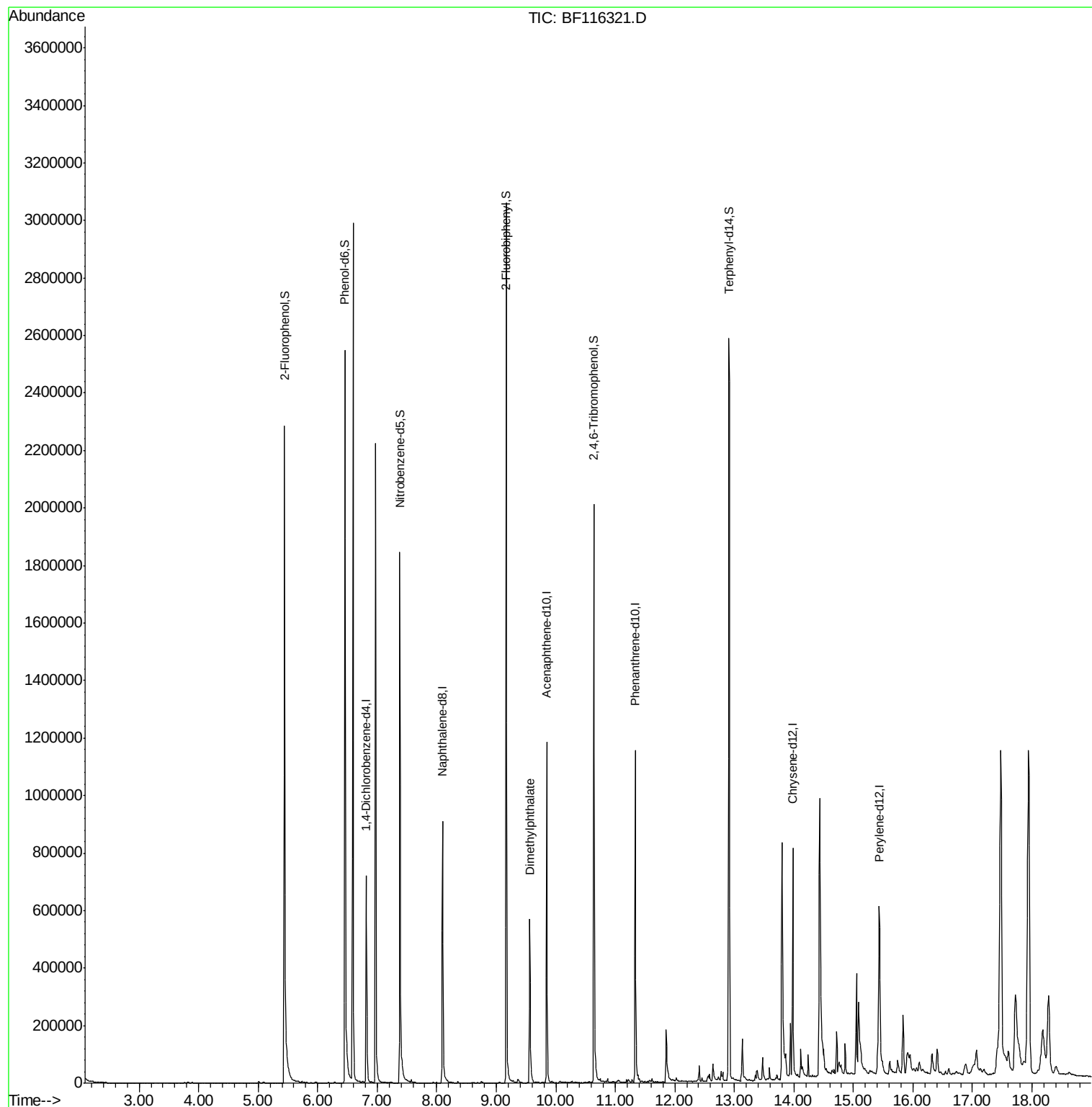
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	117136	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	454033	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	248849	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	446961	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	314251	20.00	ng	-0.03
87) Perylene-d12	15.43	264	315493	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	798628	114.14	ng	-0.03
7) Phenol-d6	6.46	99	1019801	115.52	ng	-0.03
23) Nitrobenzene-d5	7.38	82	660777	84.01	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	272459	112.93	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	942532	70.94	ng	-0.04
79) Terphenyl-d14	12.91	244	903493	60.58	ng	-0.04
Target Compounds						
50) Dimethylphthalate	9.56	163	237797	14.034	ng	Qvalue 99

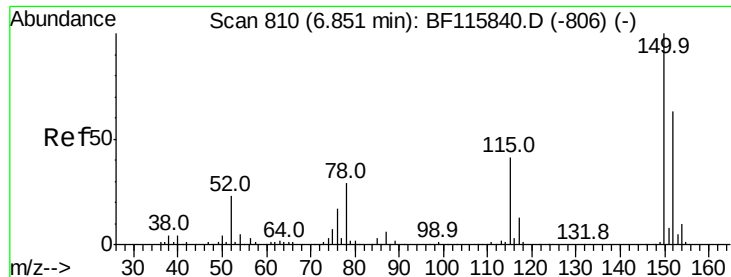
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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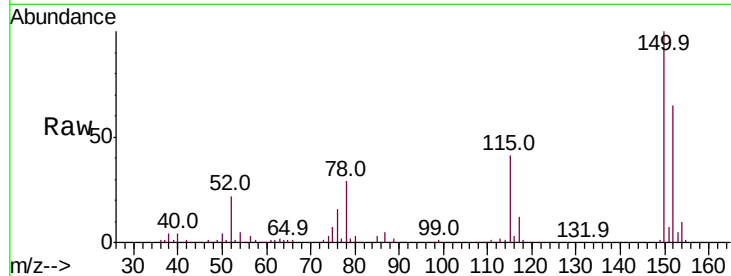


#1

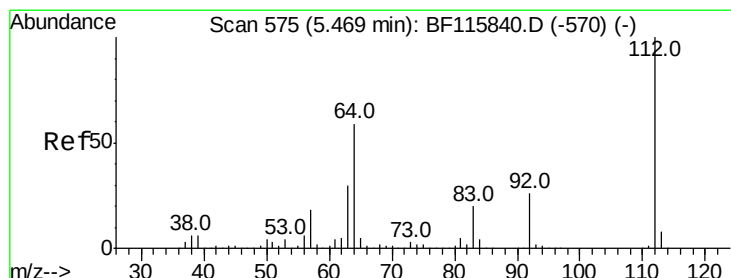
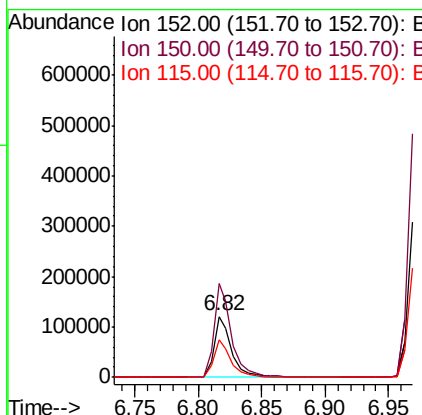
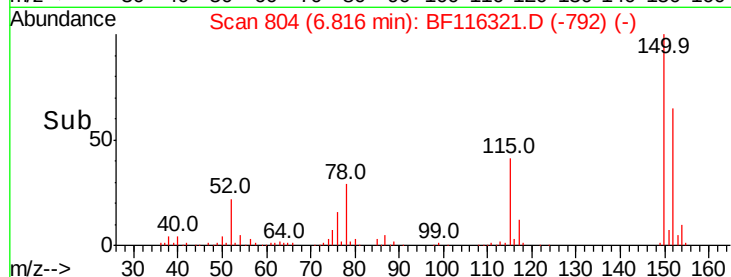
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116321.D
 Acq: 16 Aug 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:152 Resp: 117136
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.2 189.2
 115 62.6 49.9 74.9



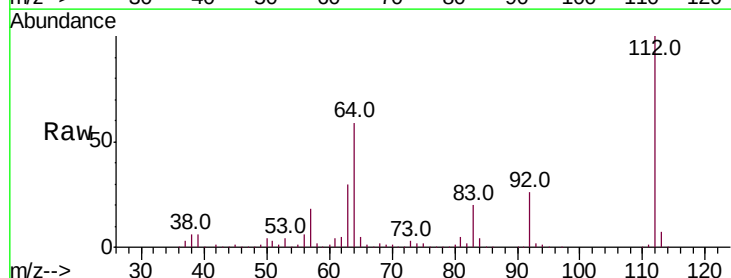
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



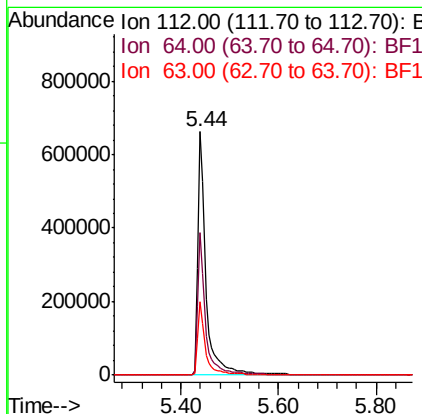
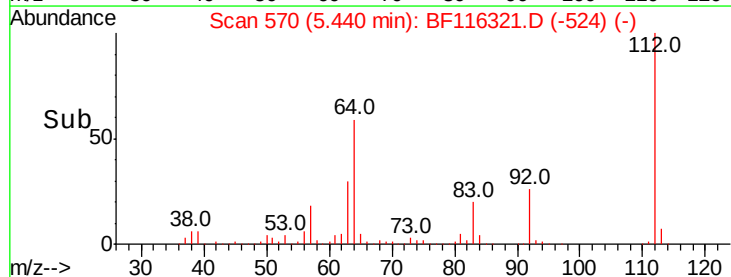
#5

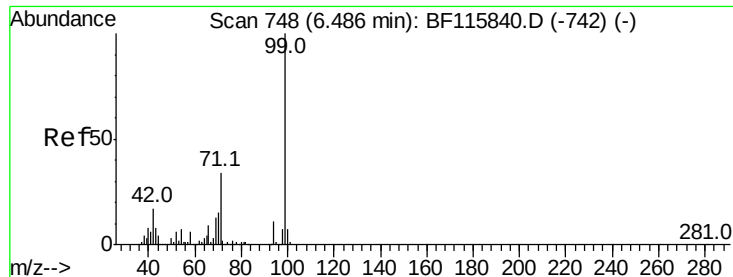
2-Fluorophenol
 Concen: 114.137 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.03 min
 Lab File: BF116321.D
 Acq: 16 Aug 2019 14:41

Tgt Ion:112 Resp: 798628
 Ion Ratio Lower Upper
 112 100
 64 58.7 45.4 68.2
 63 29.9 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: 115.518 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116321.D

Acq: 16 Aug 2019 14:41

Instrument :

BNA_F

ClientSampleId :

TP-3

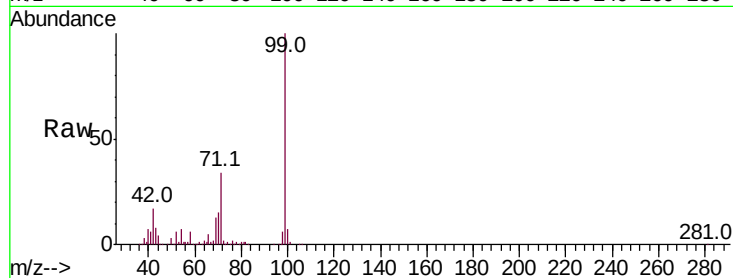
Tot Ion: 99 Resp: 1019801

Ion Ratio Lower Upper

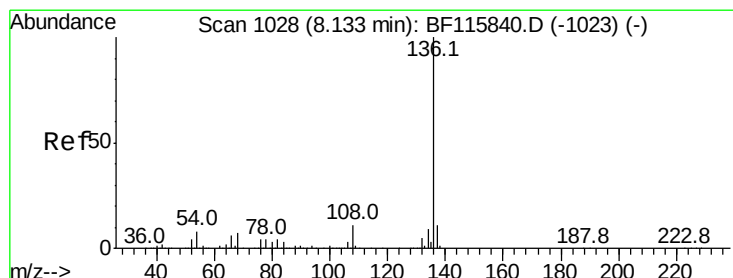
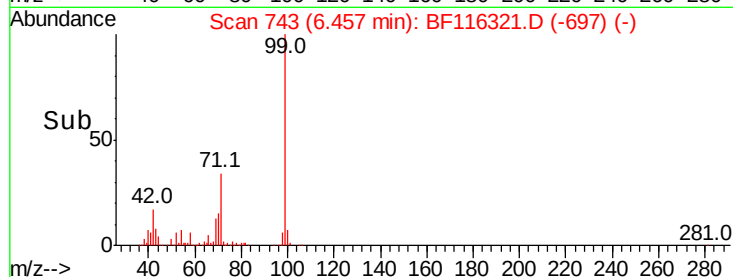
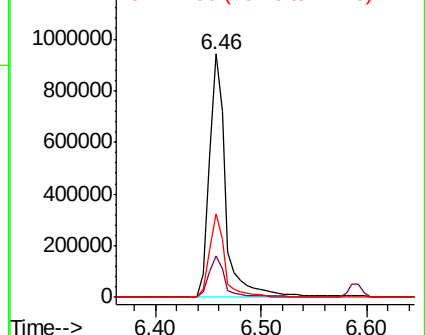
99 100

42 16.8 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: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116321.D

Acq: 16 Aug 2019 14:41

Tgt Ion: 136 Resp: 454033

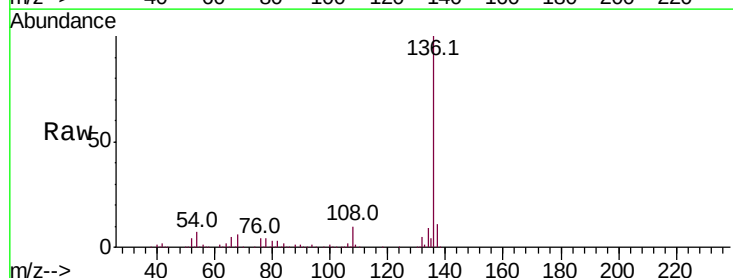
Ion Ratio Lower Upper

136 100

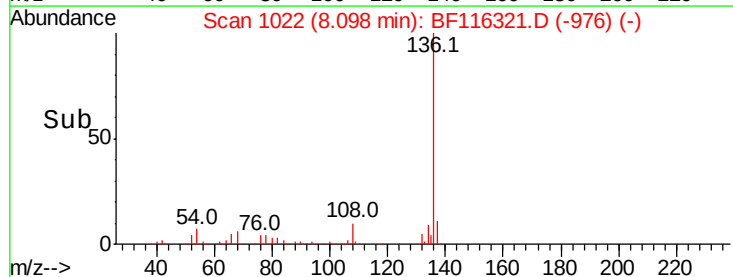
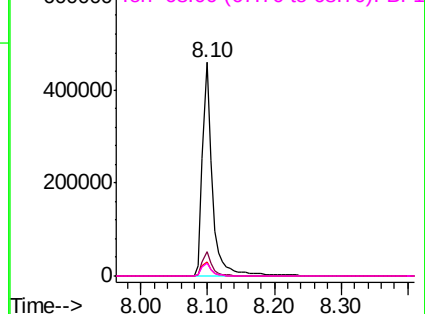
137 11.1 9.0 13.4

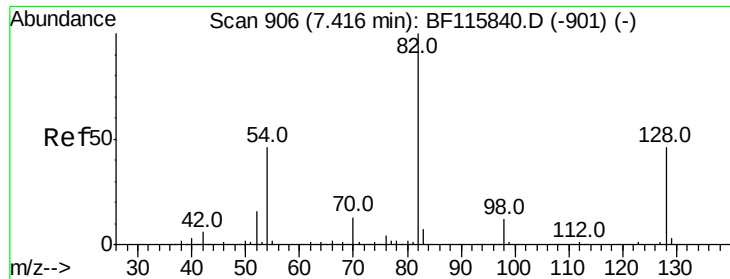
54 6.7 5.8 8.6

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

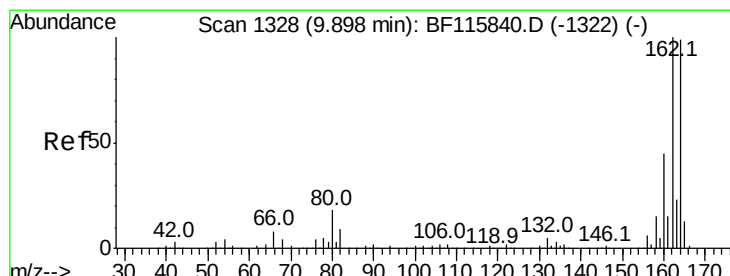
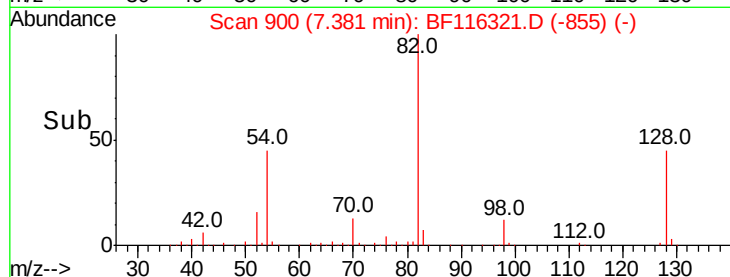
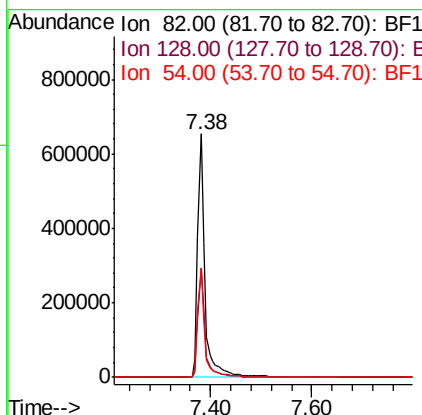
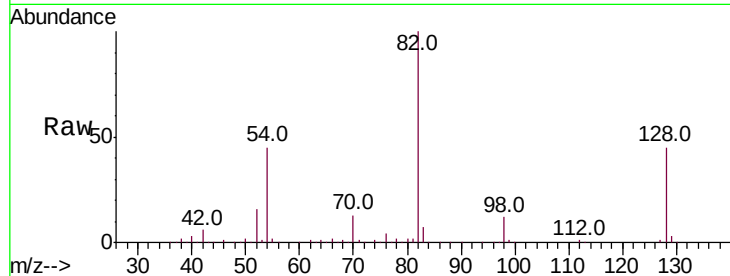




#23
 Nitrobenzene-d5
 Concen: 84.007 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.04 min
 Lab File: BF116321.D
 Acq: 16 Aug 2019 14:41

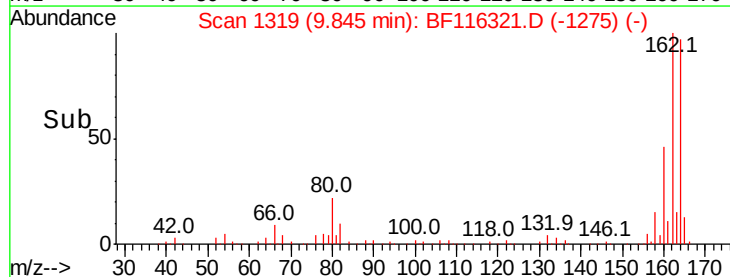
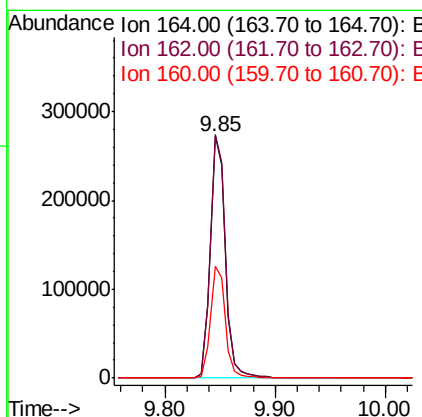
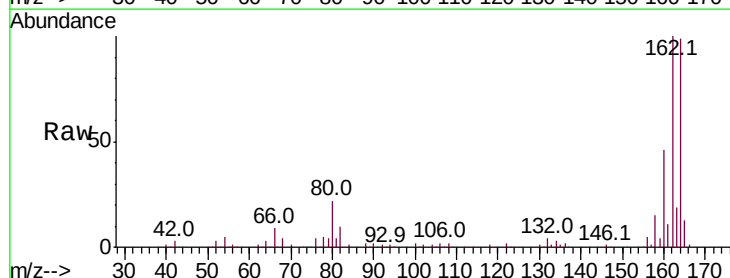
Instrument :
 BNA_F
 ClientSampled :
 TP-3

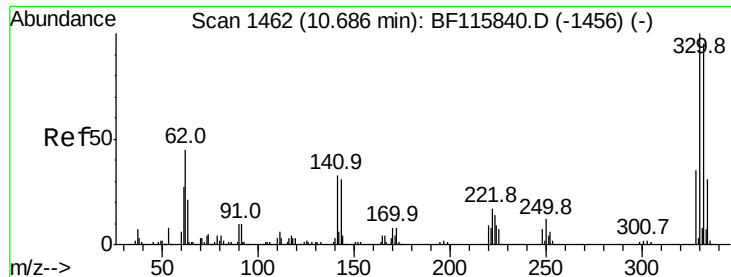
Tot Ion: 82 Resp: 660777
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.5 54.7
 54 45.1 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.04 min
 Lab File: BF116321.D
 Acq: 16 Aug 2019 14:41

Tgt Ion: 164 Resp: 248849
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.6 124.0
 160 46.0 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 112.929 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.04 min

Lab File: BF116321.D

Acq: 16 Aug 2019 14:41

Instrument :

BNA_F

ClientSampleId :

TP-3

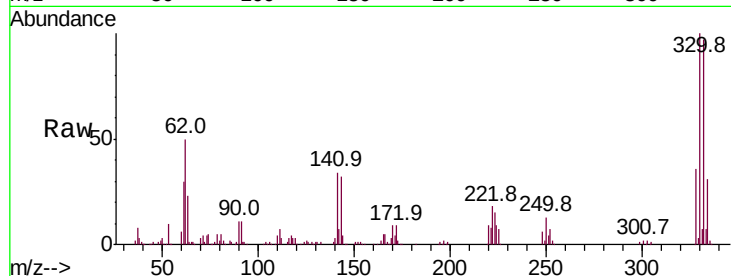
Tot Ion:330 Resp: 272459

Ion Ratio Lower Upper

330 100

332 95.0 76.8 115.2

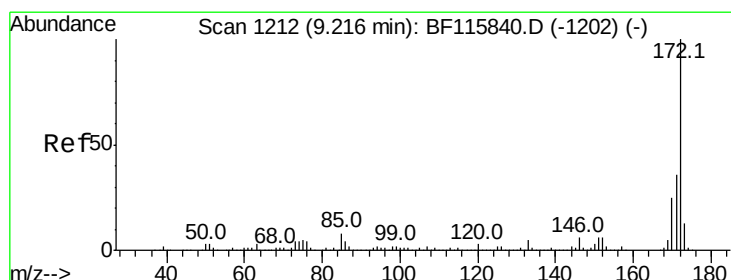
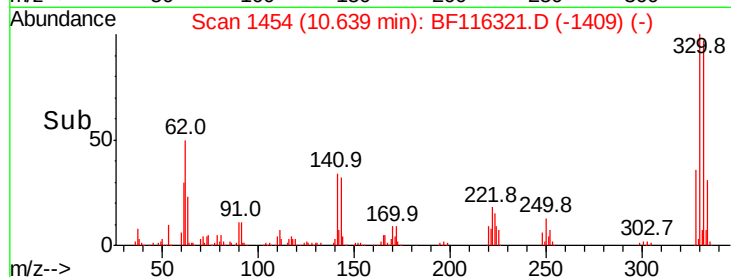
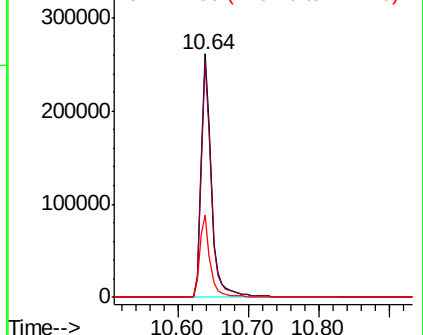
141 34.3 26.3 39.5



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: 70.944 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF116321.D

Acq: 16 Aug 2019 14:41

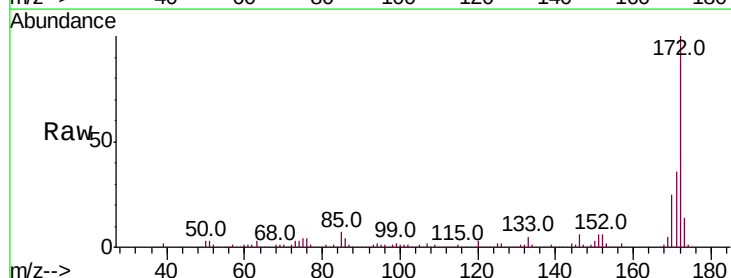
Tgt Ion:172 Resp: 942532

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

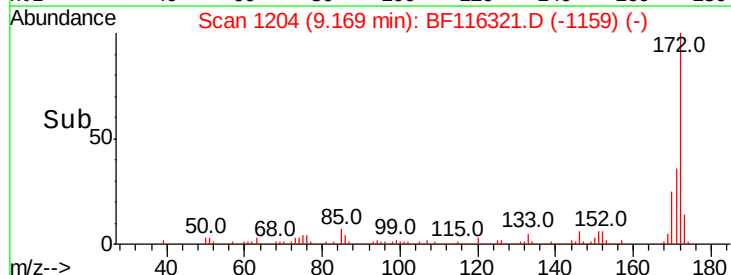
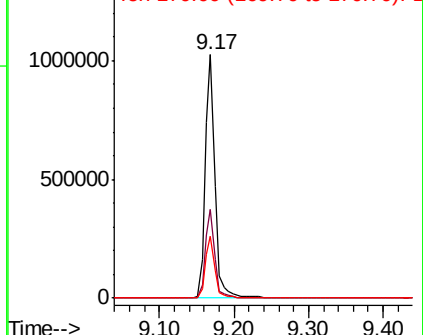
170 25.2 20.1 30.1

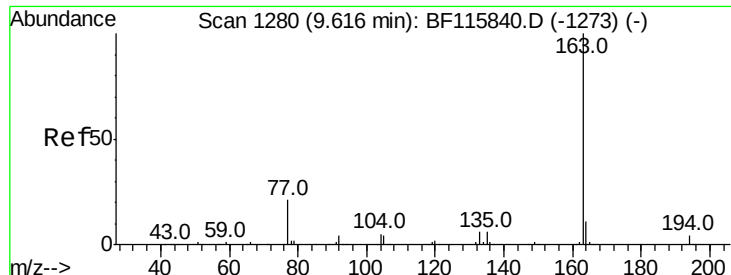


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 14.034 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.04 min

Lab File: BF116321.D

Acq: 16 Aug 2019 14:41

Instrument :

BNA_F

ClientSampleId :

TP-3

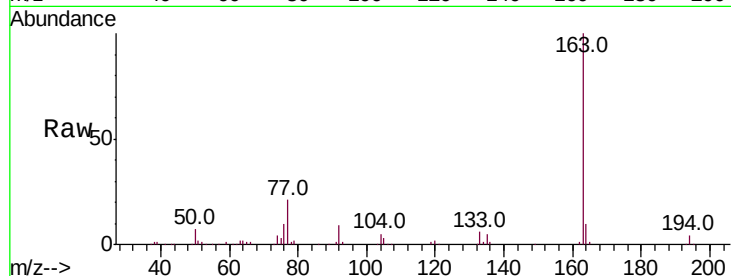
Tot Ion:163 Resp: 237797

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

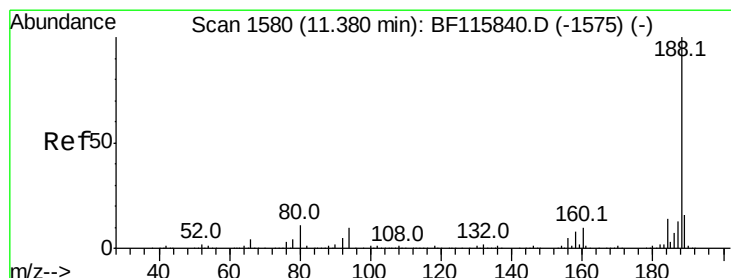
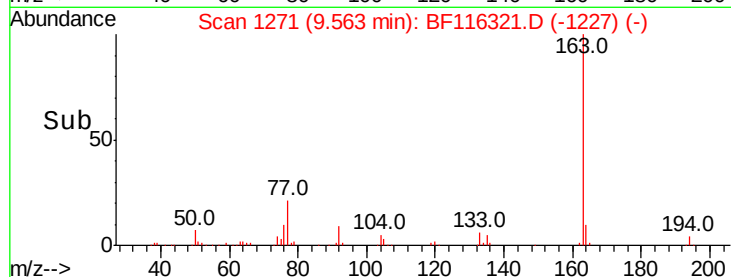
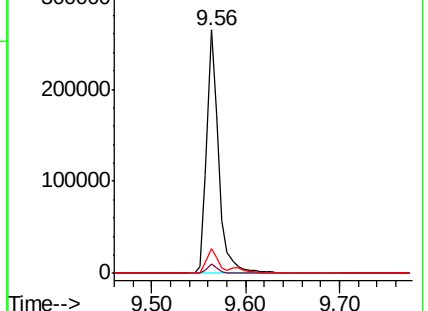
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.04 min

Lab File: BF116321.D

Acq: 16 Aug 2019 14:41

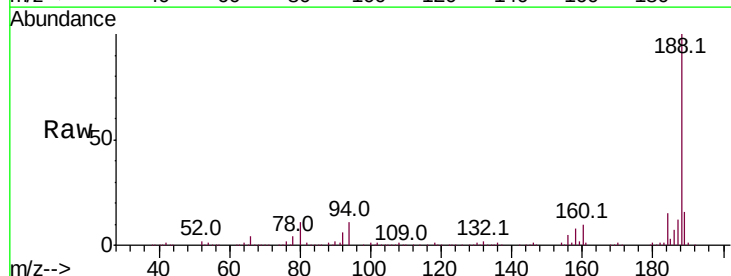
Tgt Ion:188 Resp: 446961

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

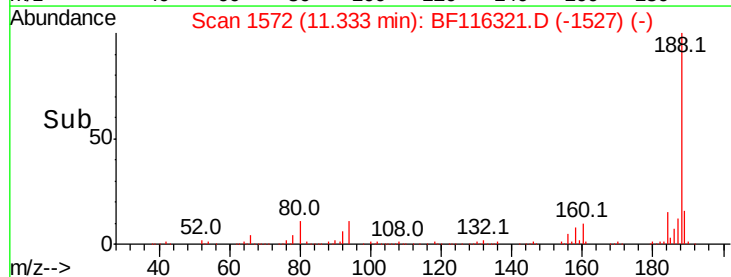
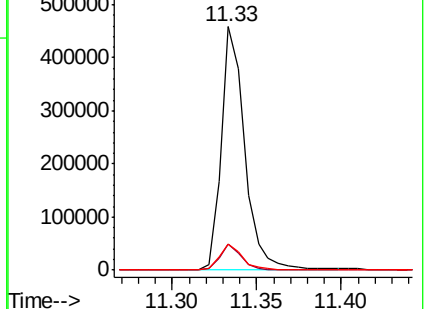
80 10.8 8.7 13.1

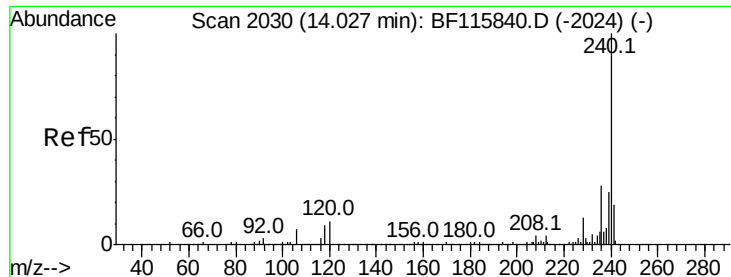


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF116321.D

Acq: 16 Aug 2019 14:41

Instrument :

BNA_F

ClientSampleId :

TP-3

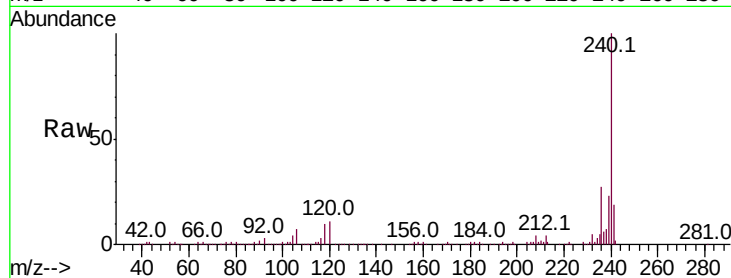
Tot Ion:240 Resp: 314251

Ion Ratio Lower Upper

240 100

120 10.9 10.7 16.1

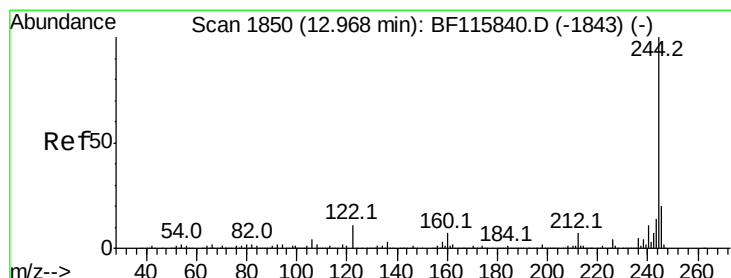
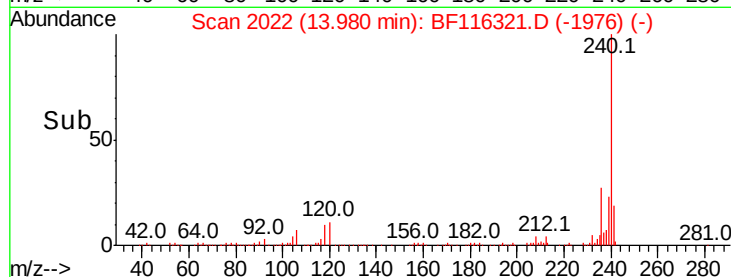
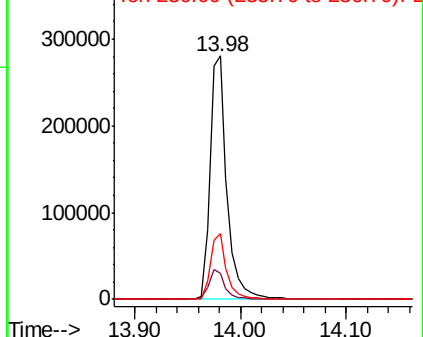
236 26.9 22.2 33.2



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: 60.582 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.04 min

Lab File: BF116321.D

Acq: 16 Aug 2019 14:41

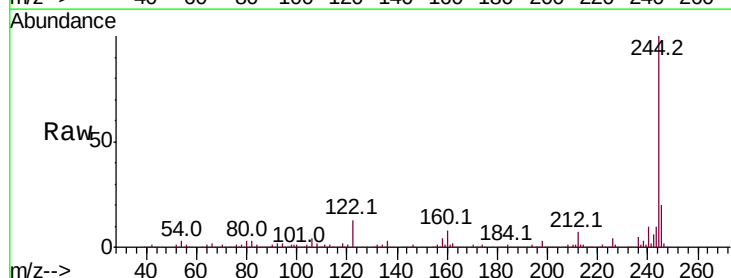
Tgt Ion:244 Resp: 903493

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

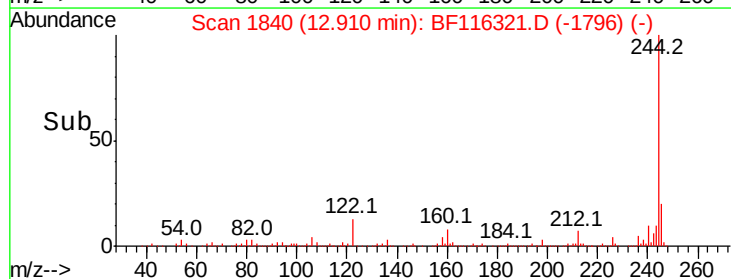
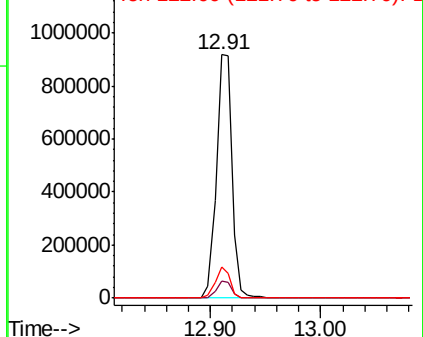
122 12.8 9.0 13.4

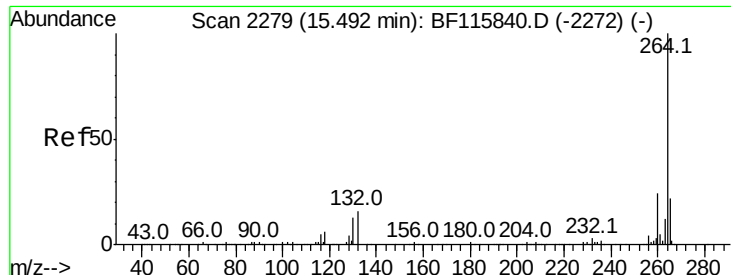


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

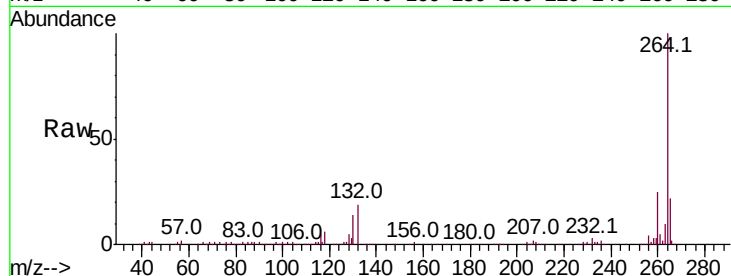




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF116321.D
 Acq: 16 Aug 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:264 Resp: 315493
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.7 29.5
 265 21.6 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

