

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117128.D
 Acq On : 18 Sep 2019 00:50
 Operator : HP/JU
 Sample : K4871-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE-2-1

Quant Time: Sep 18 05:30:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

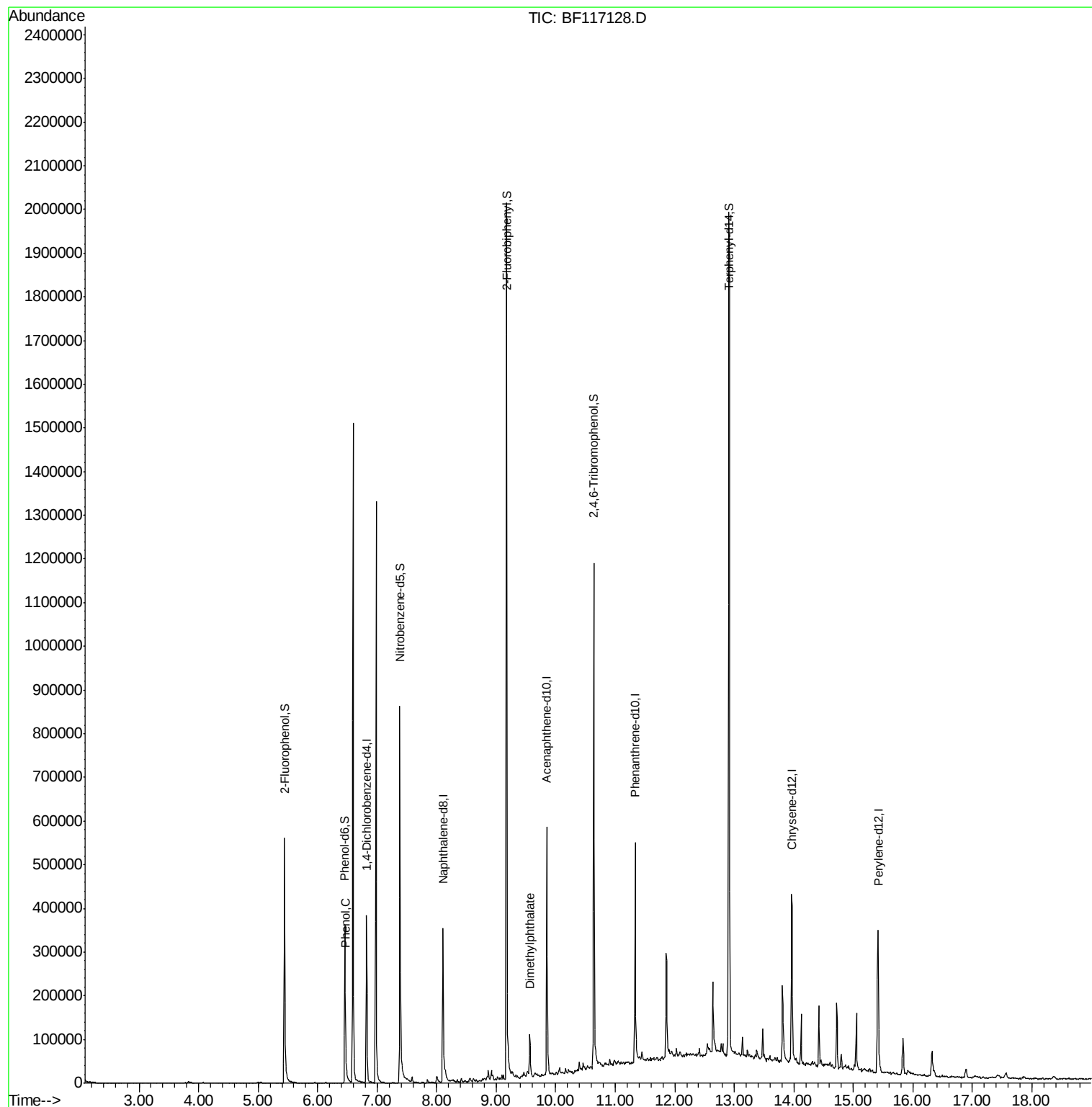
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	59267	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	240334	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	123763	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	202777	20.00	ng	0.00
76) Chrysene-d12	13.96	240	147777	20.00	ng	-0.01
87) Perylene-d12	15.41	264	130885	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	196666	51.81	ng	0.00
7) Phenol-d6	6.46	99	171066	34.87	ng	0.00
23) Nitrobenzene-d5	7.38	82	392282	85.76	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	138849	134.23	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	692942	87.54	ng	0.00
79) Terphenyl-d14	12.92	244	691834	87.51	ng	0.00
Target Compounds						
10) Phenol	6.47	94	20912	3.867	ng	98
50) Dimethylphthalate	9.56	163	45303	5.170	ng	99

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

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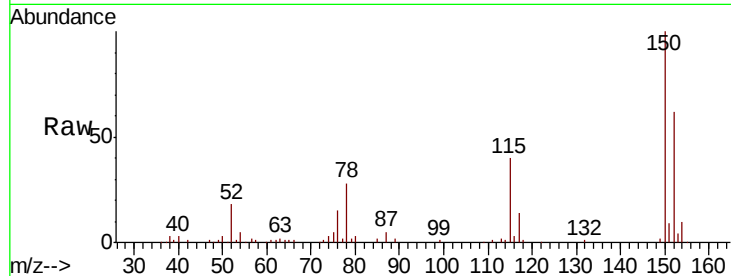


#1

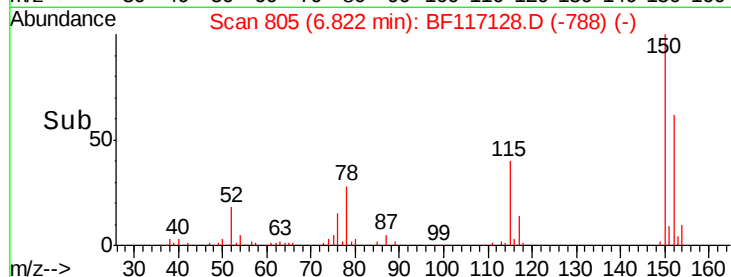
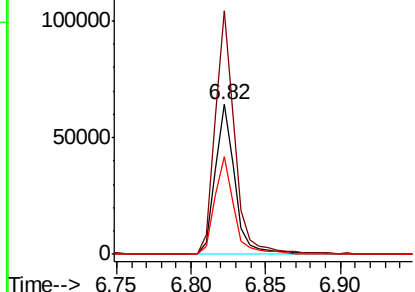
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117128.D
Acq: 18 Sep 2019 00:50

Instrument :
BNA_F
ClientSampleId :
VE-2-1

Tot Ion:152 Resp: 59267
Ion Ratio Lower Upper
152 100
150 162.5 127.5 191.3
115 65.0 55.0 82.4



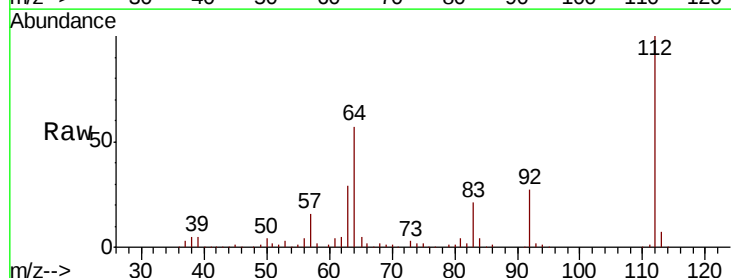
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



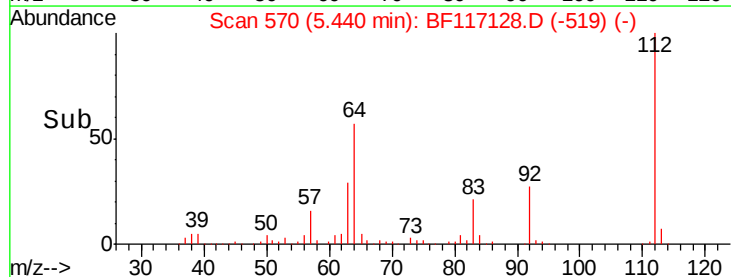
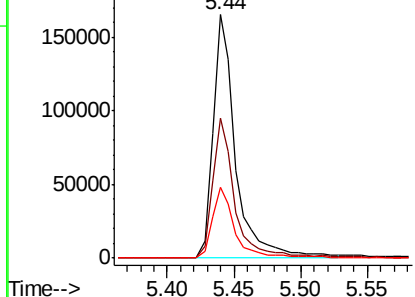
#5

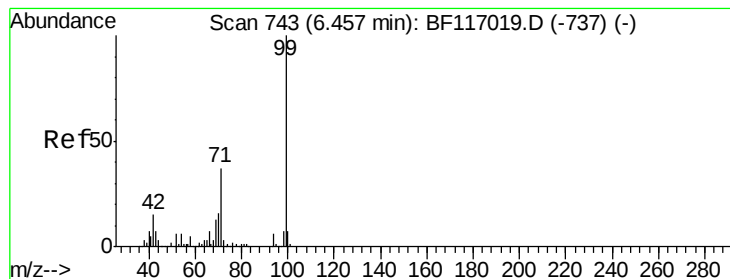
2-Fluorophenol
Concen: 51.807 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117128.D
Acq: 18 Sep 2019 00:50

Tgt Ion:112 Resp: 196666
Ion Ratio Lower Upper
112 100
64 57.3 45.7 68.5
63 29.3 24.9 37.3



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: 34.869 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117128.D

Acq: 18 Sep 2019 00:50

Instrument :

BNA_F

ClientSampleId :

VE-2-1

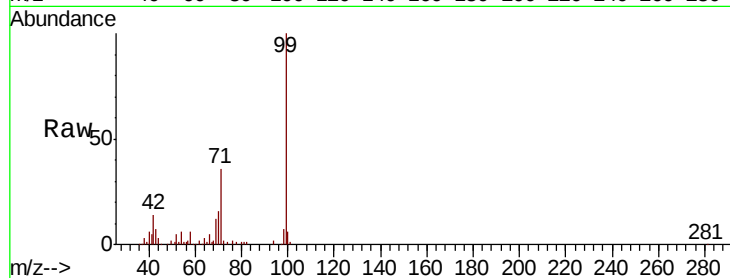
Tot Ion: 99 Resp: 171066

Ion Ratio Lower Upper

99 100

42 13.9 12.2 18.2

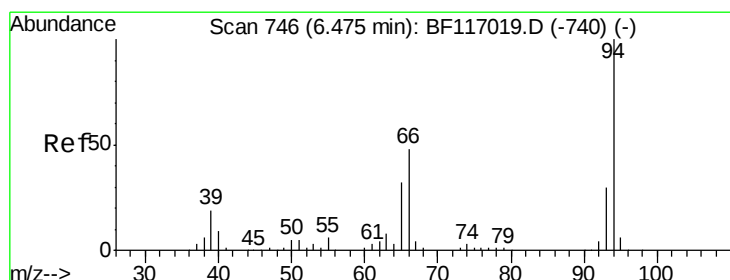
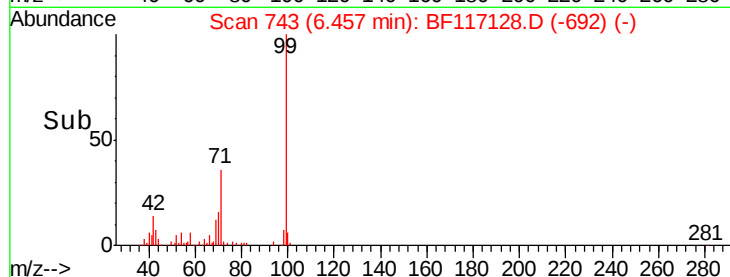
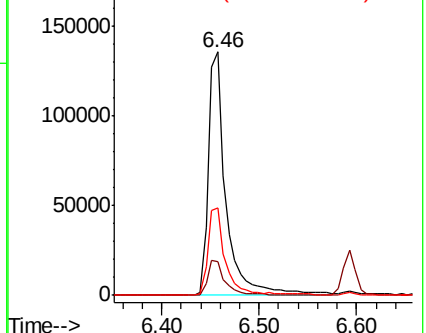
71 36.2 29.8 44.8



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



#10

Phenol

Concen: 3.867 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117128.D

Acq: 18 Sep 2019 00:50

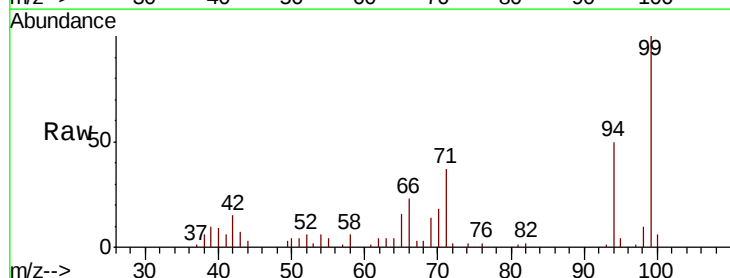
Tgt Ion: 94 Resp: 20912

Ion Ratio Lower Upper

94 100

65 31.9 12.5 52.5

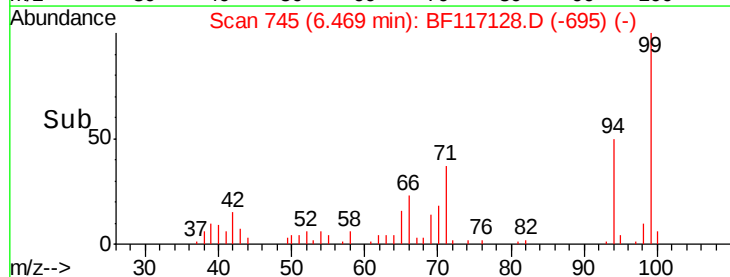
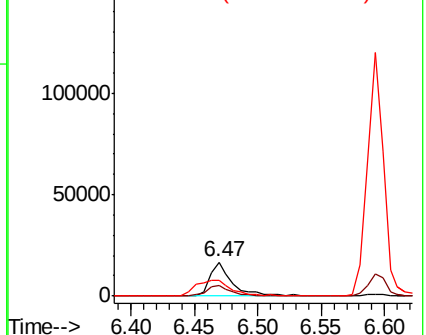
66 46.8 28.9 68.9

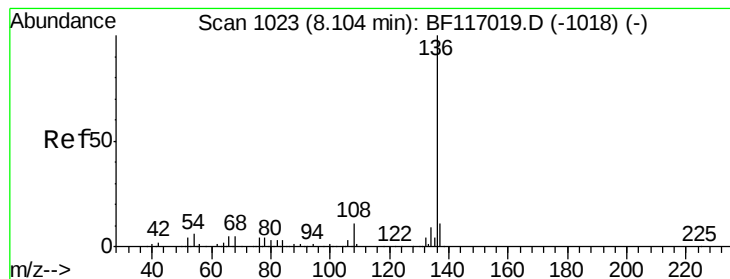


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117128.D

Acq: 18 Sep 2019 00:50

Instrument :

BNA_F

ClientSampled :

VE-2-1

Tot Ion:136 Resp: 240334

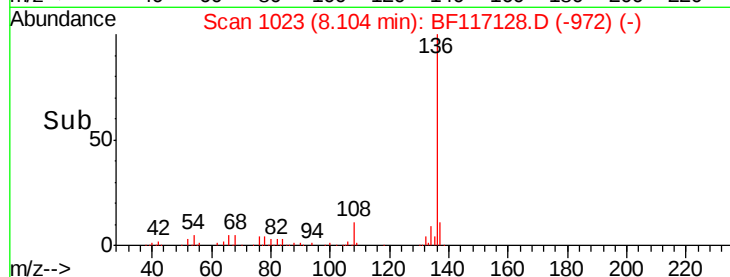
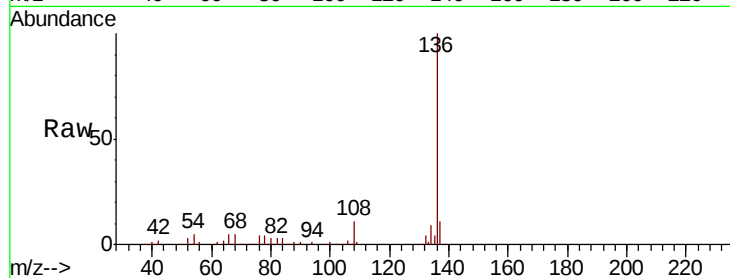
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 4.8 4.5 6.7

68 4.5 4.0 6.0

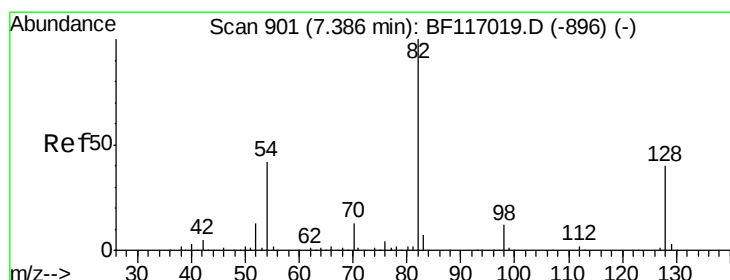
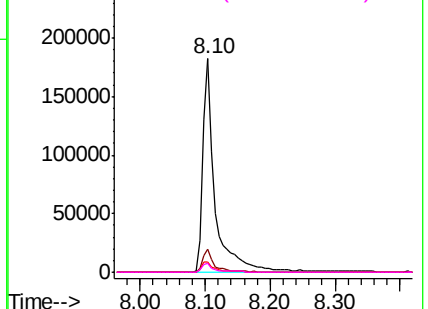


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.762 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF117128.D

Acq: 18 Sep 2019 00:50

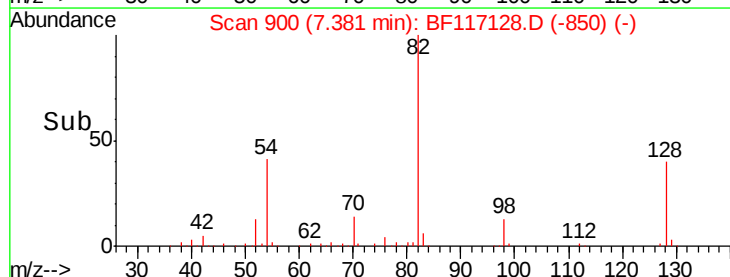
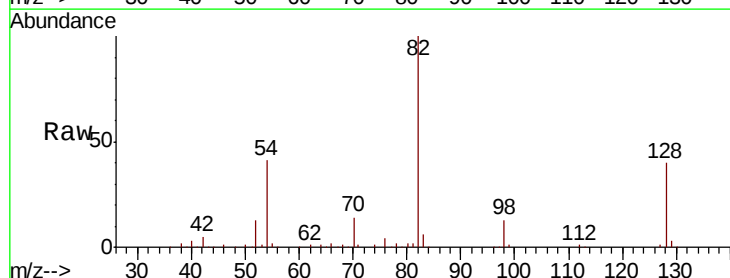
Tgt Ion: 82 Resp: 392282

Ion Ratio Lower Upper

82 100

128 40.1 32.3 48.5

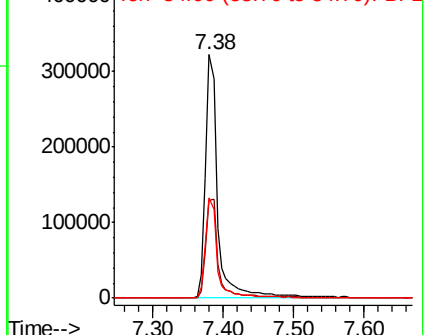
54 41.4 33.3 49.9

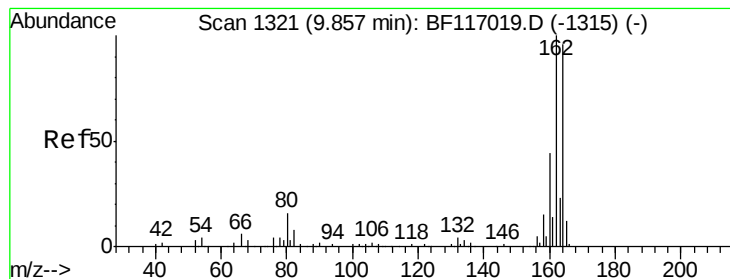


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117128.D

Acq: 18 Sep 2019 00:50

Instrument :

BNA_F

ClientSampleId :

VE-2-1

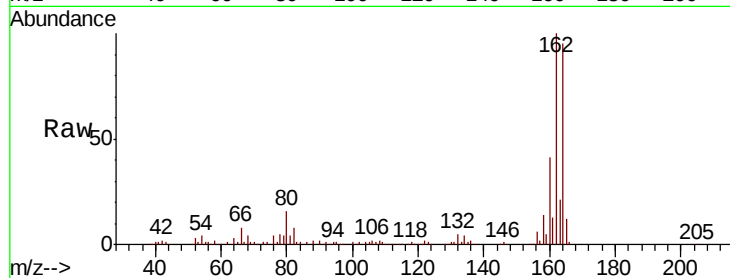
Tot Ion:164 Resp: 123763

Ion Ratio Lower Upper

164 100

162 104.7 83.4 125.2

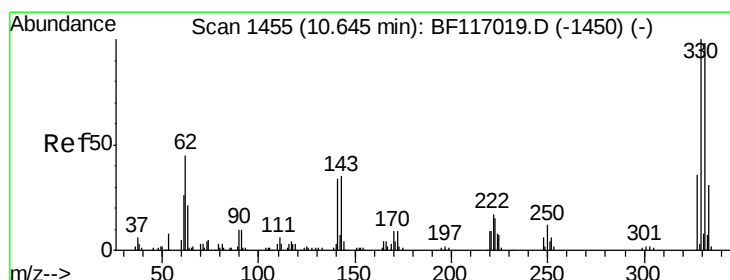
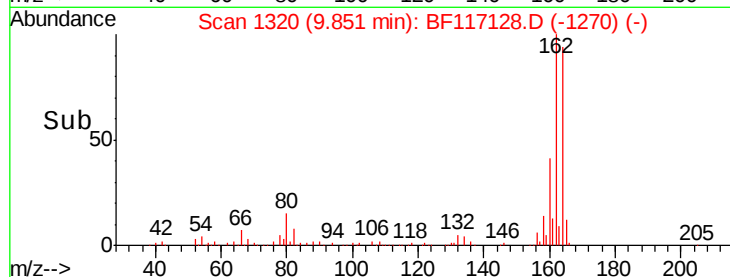
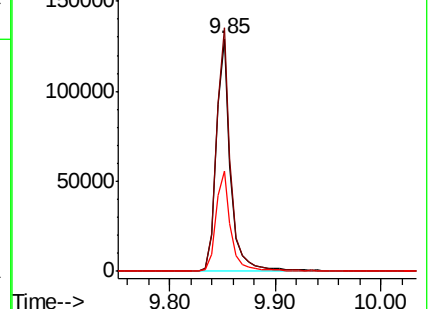
160 43.2 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 134.235 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117128.D

Acq: 18 Sep 2019 00:50

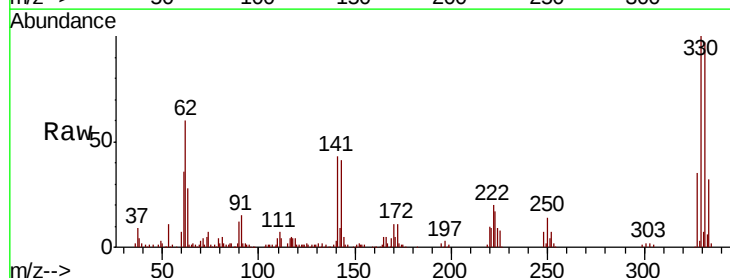
Tgt Ion:330 Resp: 138849

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

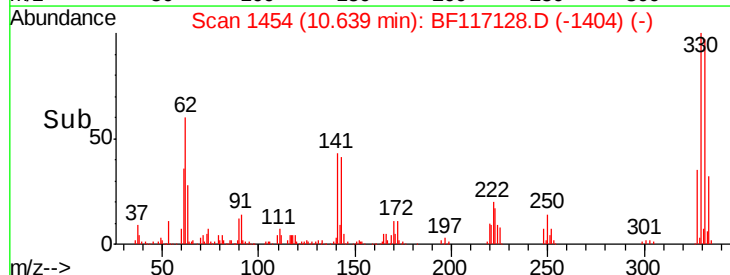
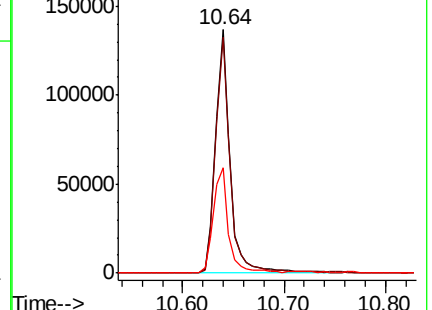
141 44.8 35.8 53.6

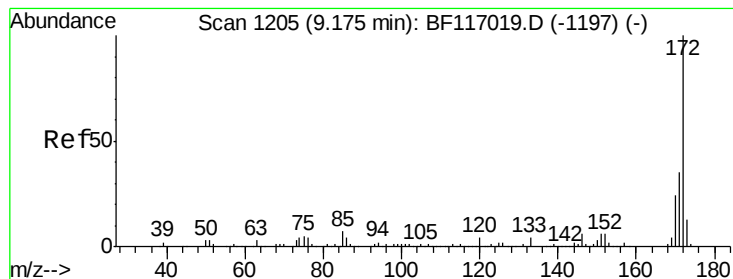


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 87.544 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117128.D

Acq: 18 Sep 2019 00:50

Instrument :

BNA_F

ClientSampleId :

VE-2-1

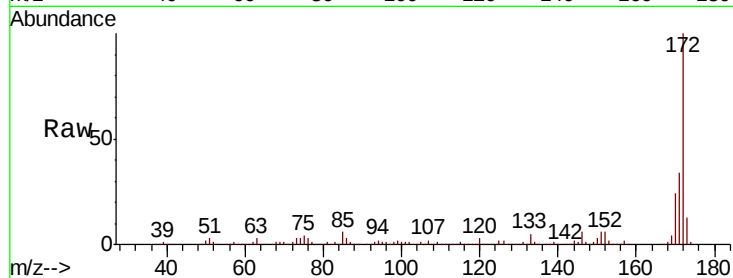
Tot Ion:172 Resp: 692942

Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.2

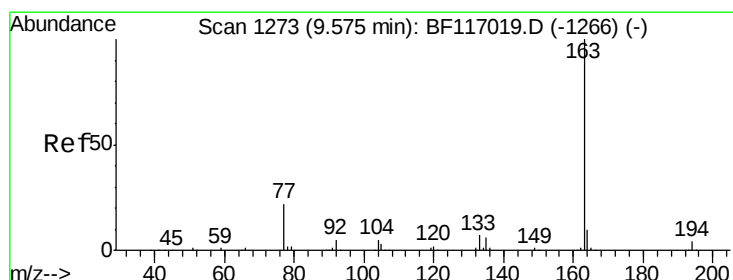
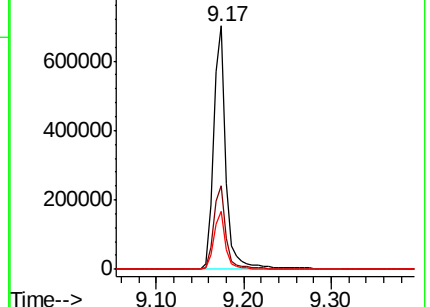
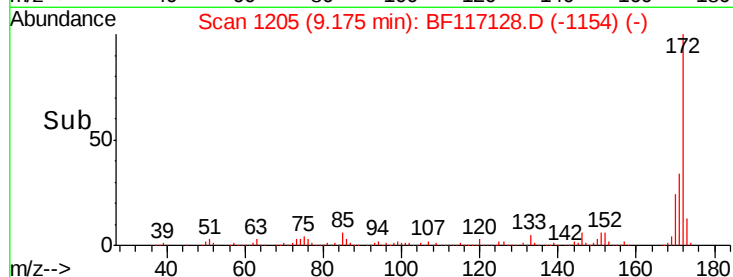
170 23.6 18.9 28.3



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: 5.170 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF117128.D

Acq: 18 Sep 2019 00:50

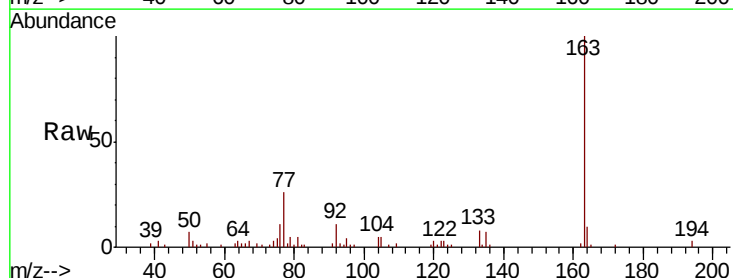
Tgt Ion:163 Resp: 45303

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

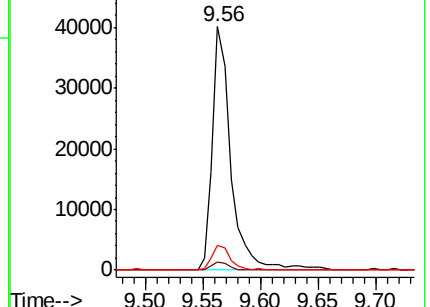
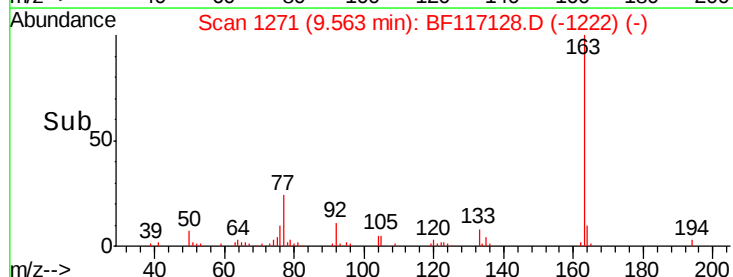
164 10.0 8.2 12.4

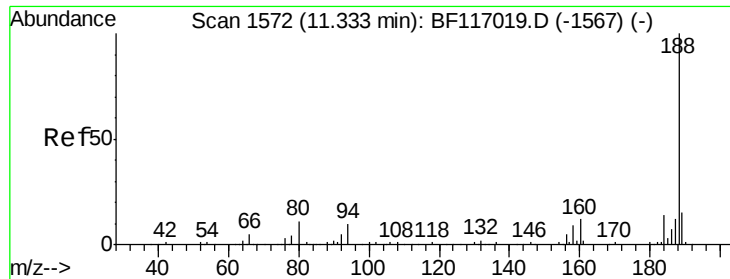


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

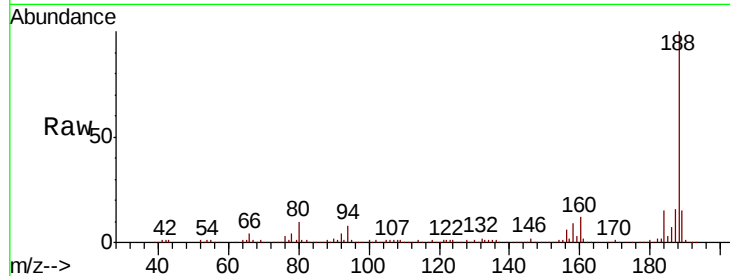




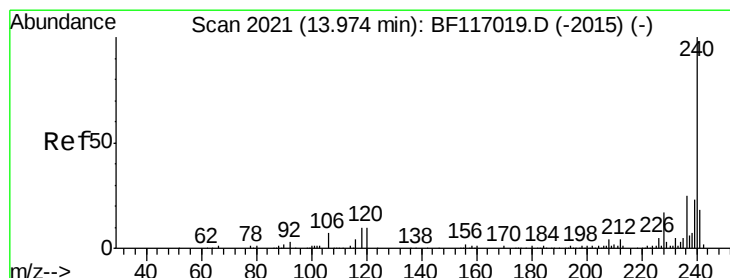
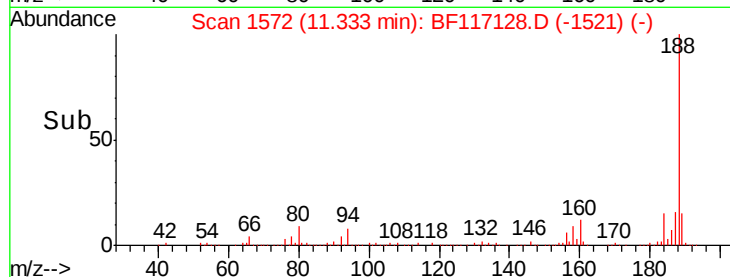
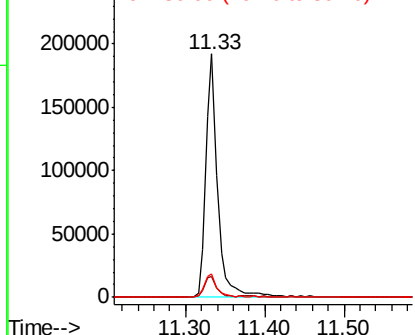
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117128.D
Acq: 18 Sep 2019 00:50

Instrument :
BNA_F
ClientSampled :
VE-2-1

Tot Ion:188 Resp: 202777
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 9.5 9.0 13.6

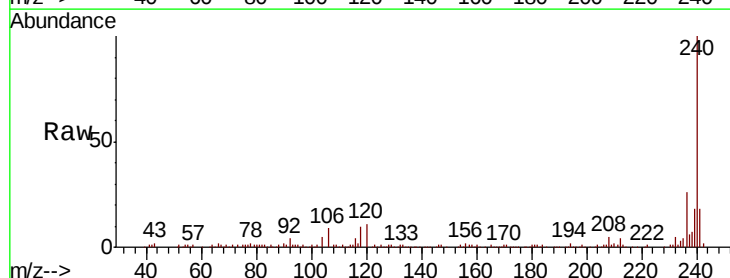


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

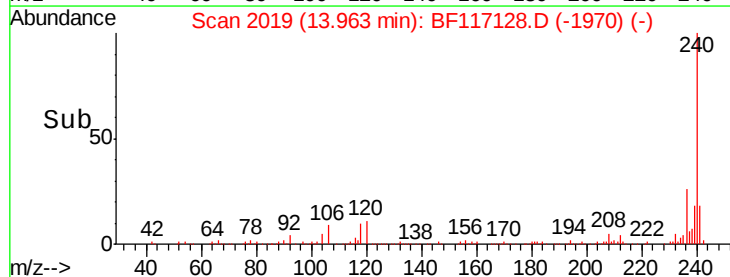
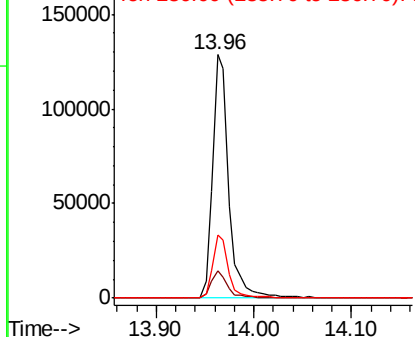


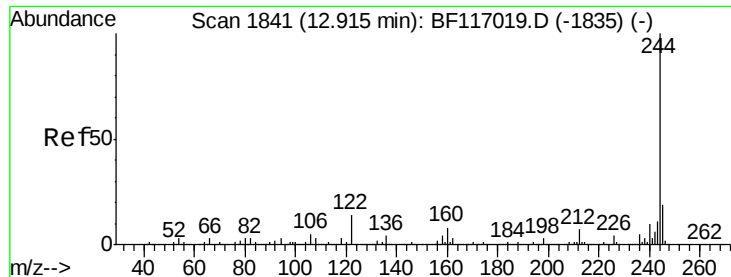
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117128.D
Acq: 18 Sep 2019 00:50

Tgt Ion:240 Resp: 147777
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 25.8 20.3 30.5



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: 87.510 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117128.D

Acq: 18 Sep 2019 00:50

Instrument :

BNA_F

ClientSampleId :

VE-2-1

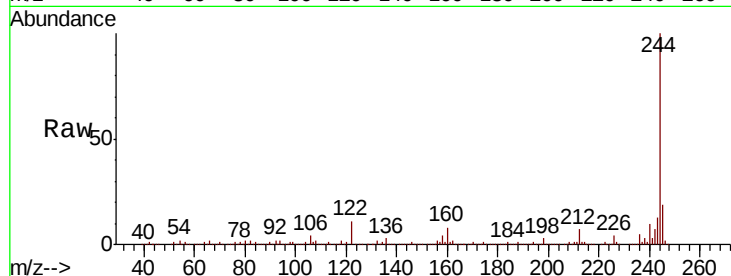
Tot Ion:244 Resp: 691834

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

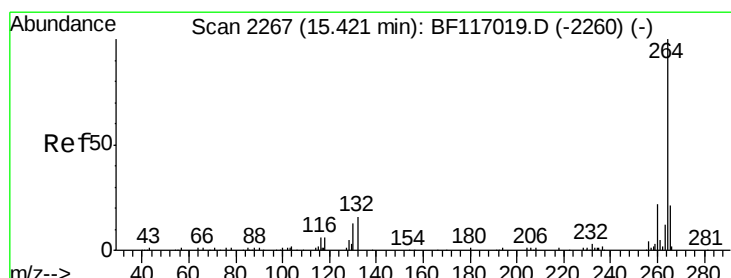
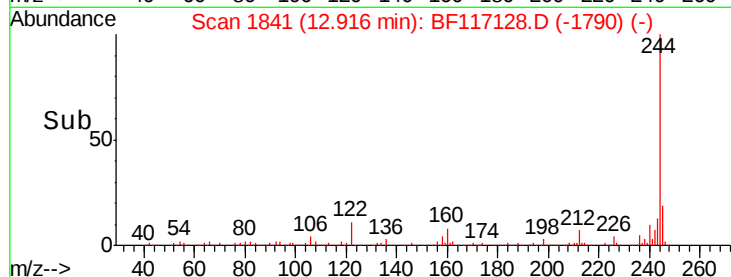
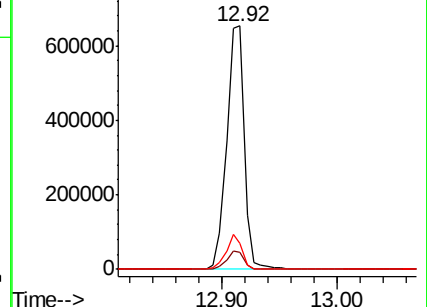
122 10.8 11.3 16.9#



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: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF117128.D

Acq: 18 Sep 2019 00:50

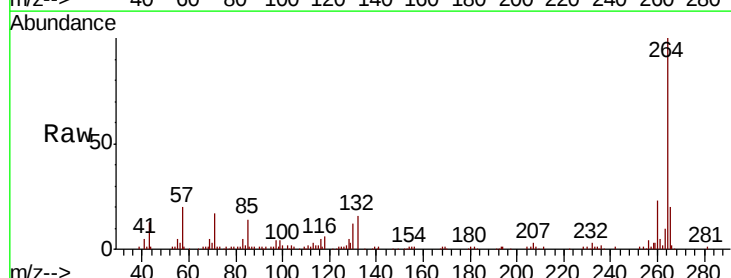
Tgt Ion:264 Resp: 130885

Ion Ratio Lower Upper

264 100

260 22.9 17.6 26.4

265 19.9 16.6 24.8



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

