

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117096.D
 Acq On : 17 Sep 2019 10:24
 Operator : HP/JU
 Sample : PB123116BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123116BL

Quant Time: Sep 17 18:06:03 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	77110	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	303578	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	165868	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	264954	20.00	ng	0.00
76) Chrysene-d12	13.97	240	158319	20.00	ng	0.00
87) Perylene-d12	15.42	264	123493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	598353	121.15	ng	0.02
7) Phenol-d6	6.47	99	811390	127.12	ng	0.01
23) Nitrobenzene-d5	7.39	82	530815	91.87	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	176449	127.28	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	955300	90.05	ng	0.00
79) Terphenyl-d14	12.92	244	871259	102.87	ng	0.00

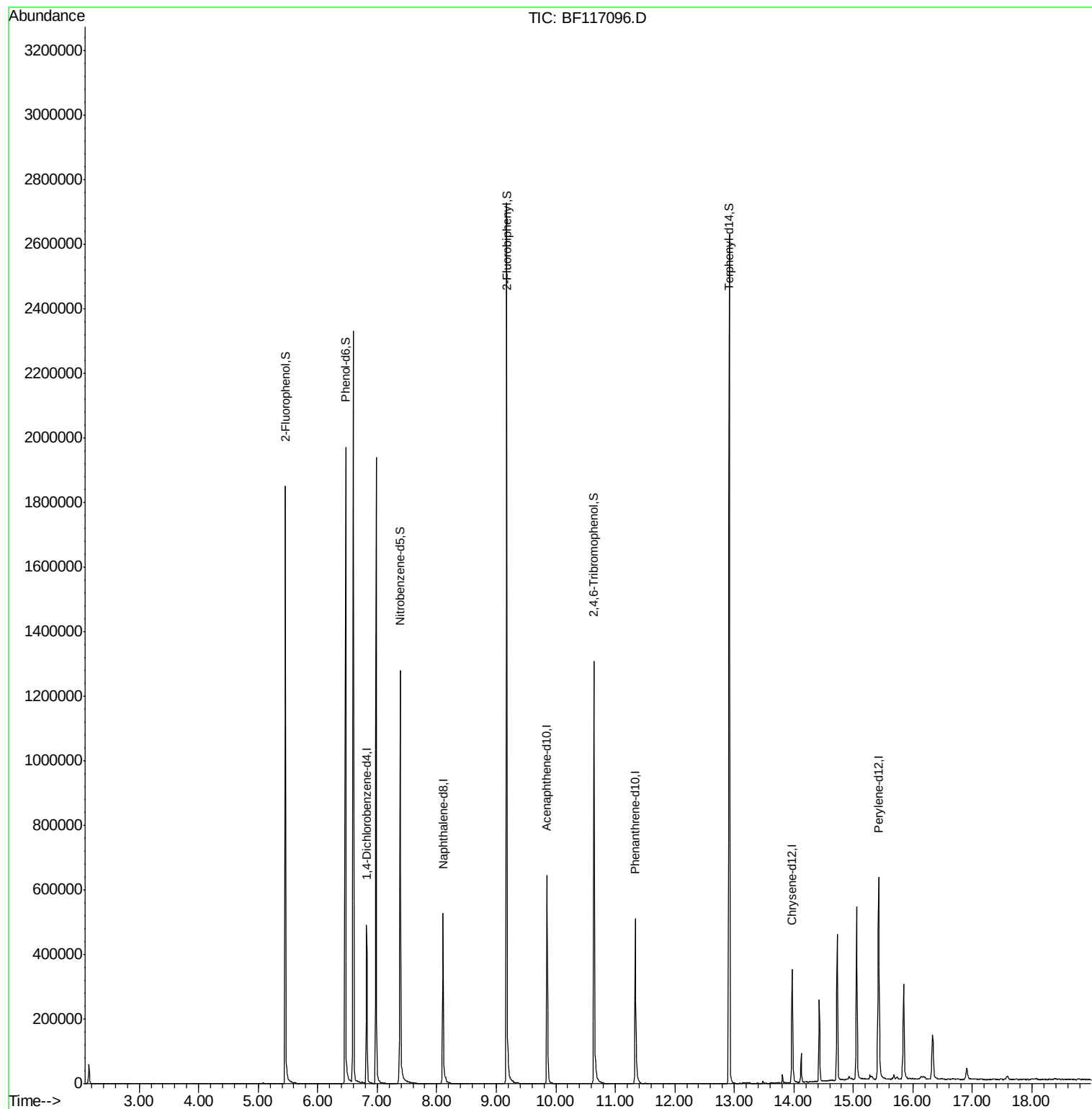
Target Compounds Qvalue

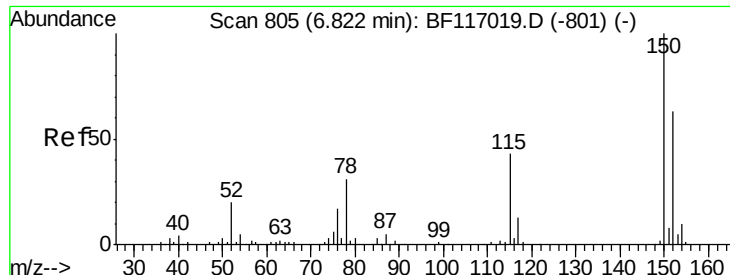
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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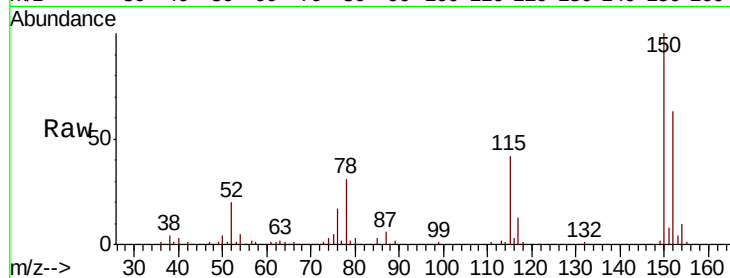


#1

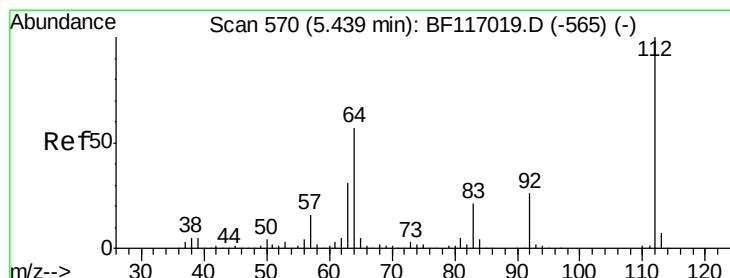
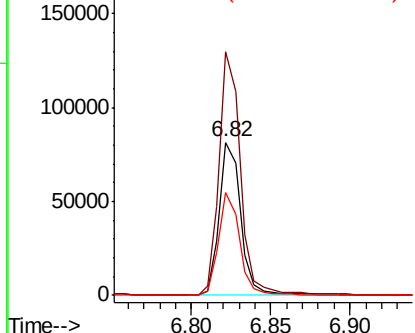
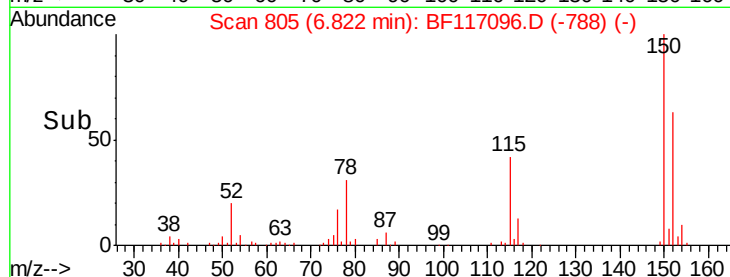
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117096.D
Acq: 17 Sep 2019 10:24

Instrument :
BNA_F
ClientSampleId :
PB123116BL

Tot Ion:152 Resp: 77110
Ion Ratio Lower Upper
152 100
150 159.3 127.5 191.3
115 67.6 55.0 82.4



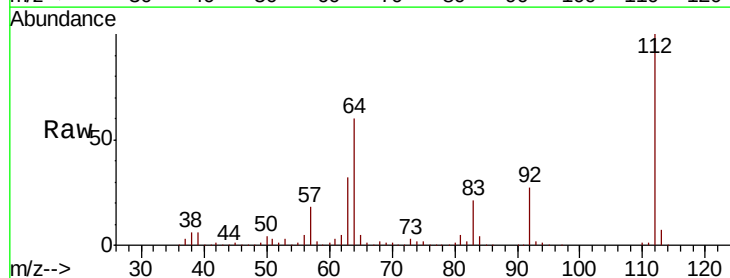
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



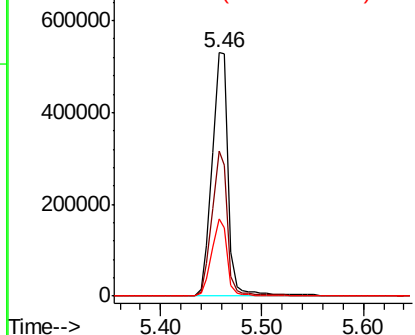
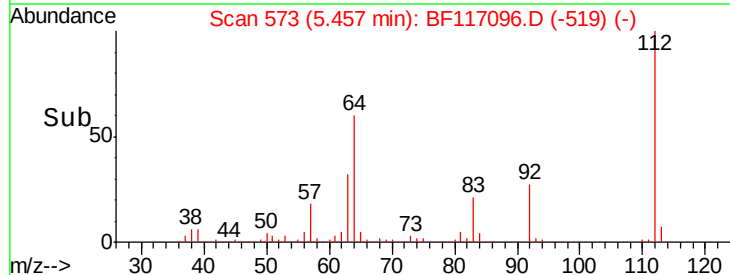
#5

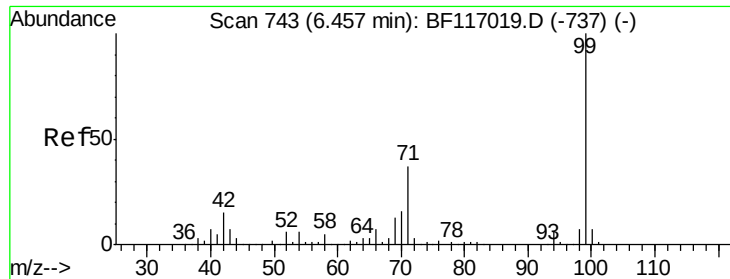
2-Fluorophenol
Concen: 121.149 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117096.D
Acq: 17 Sep 2019 10:24

Tgt Ion:112 Resp: 598353
Ion Ratio Lower Upper
112 100
64 59.7 45.7 68.5
63 31.7 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: 127.118 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117096.D

Acq: 17 Sep 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB123116BL

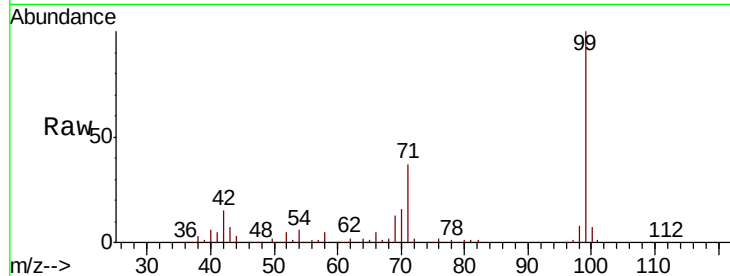
Tot Ion: 99 Resp: 811390

Ion Ratio Lower Upper

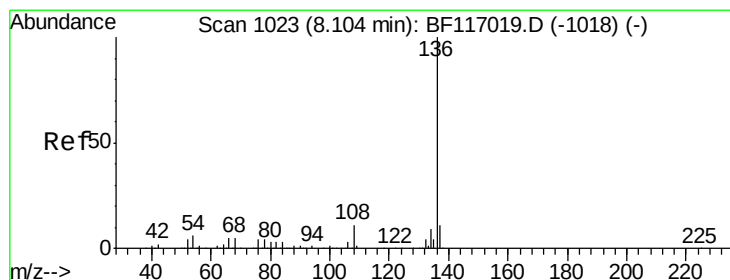
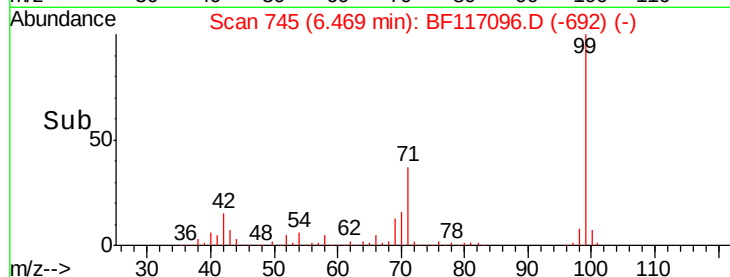
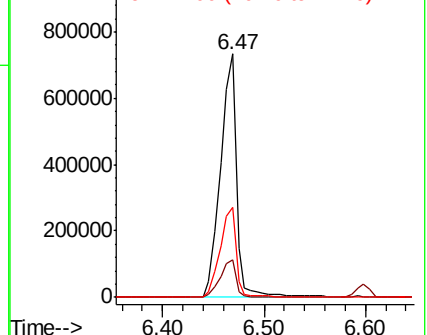
99 100

42 15.3 12.2 18.2

71 36.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117096.D

Acq: 17 Sep 2019 10:24

Tgt Ion: 136 Resp: 303578

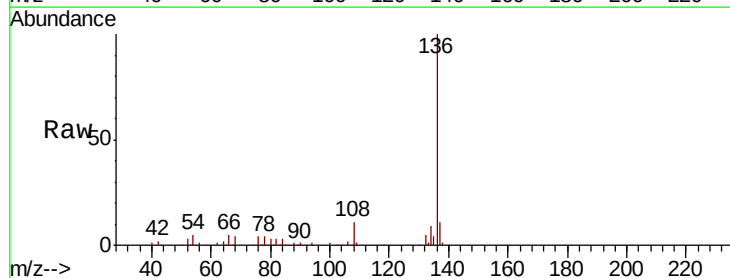
Ion Ratio Lower Upper

136 100

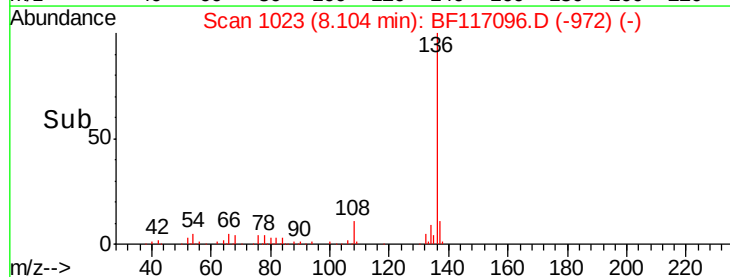
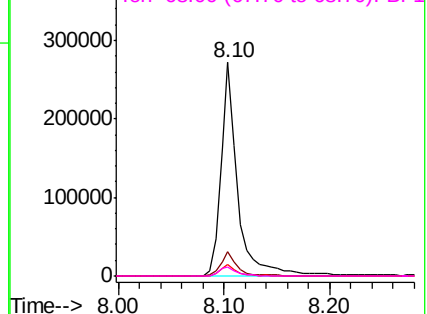
137 11.2 9.0 13.4

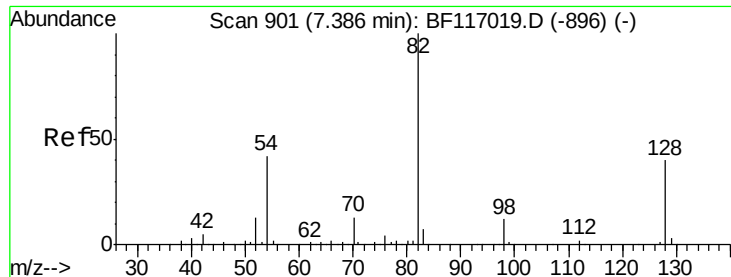
54 5.5 4.5 6.7

68 4.1 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

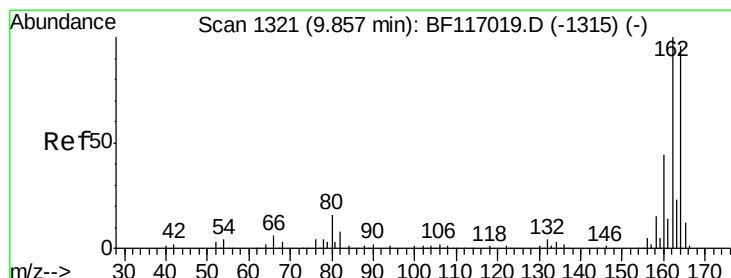
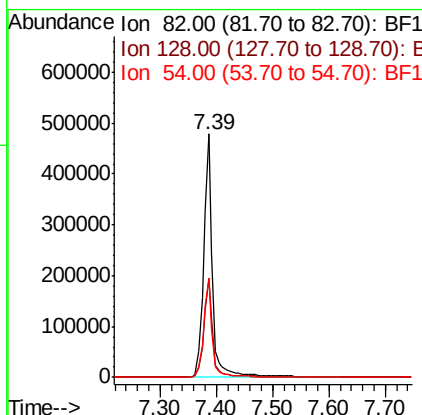
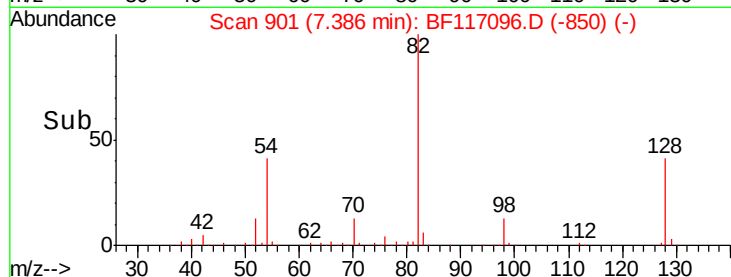
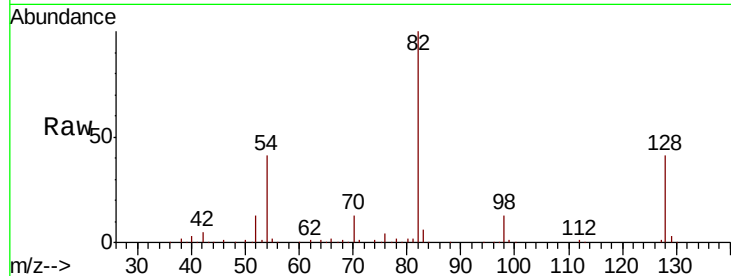




#23
 Nitrobenzene-d5
 Concen: 91.872 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117096.D
 Acq: 17 Sep 2019 10:24

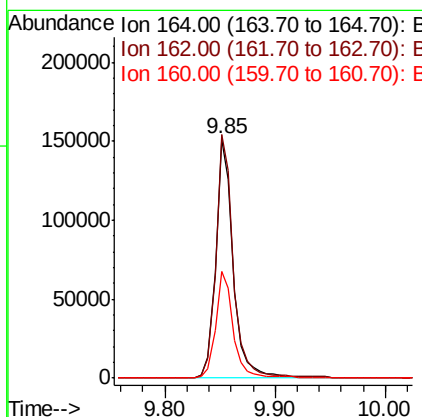
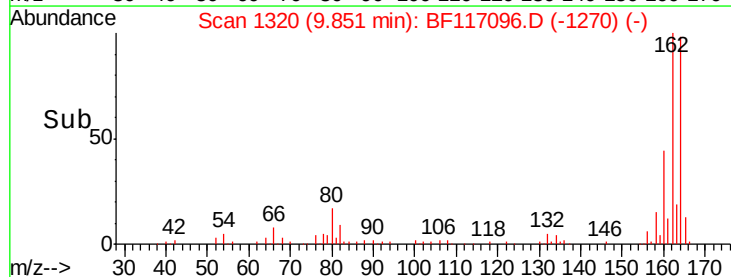
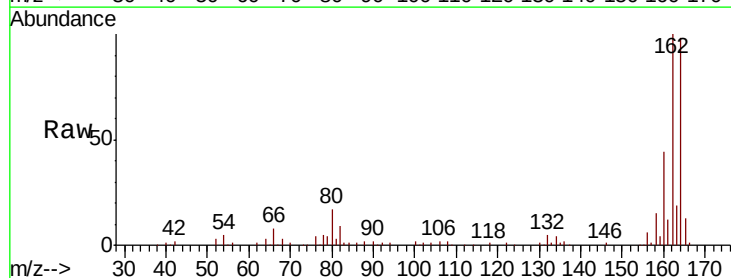
Instrument :
 BNA_F
 ClientSampleId :
 PB123116BL

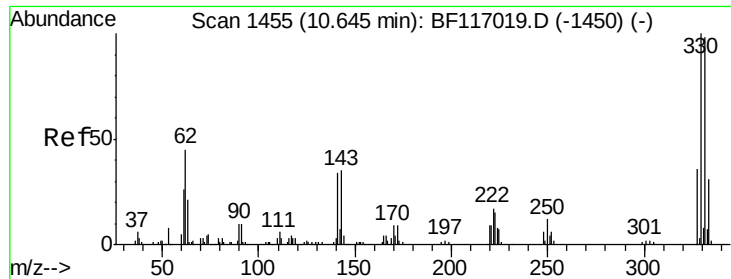
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.3	48.5
54	40.8	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117096.D
 Acq: 17 Sep 2019 10:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.4	125.2
160	44.7	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 127.283 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117096.D

Acq: 17 Sep 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB123116BL

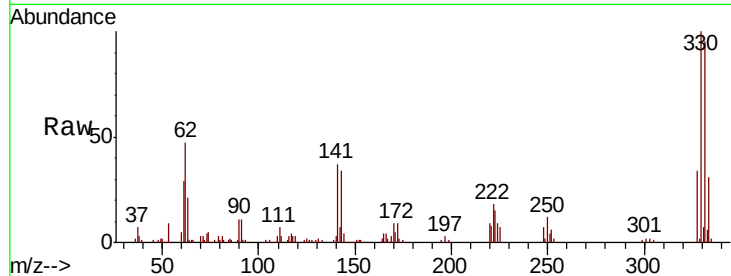
Tot Ion:330 Resp: 176449

Ion Ratio Lower Upper

330 100

332 97.0 78.0 117.0

141 45.1 35.8 53.6

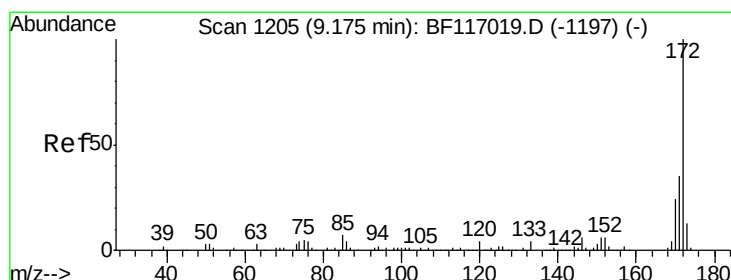
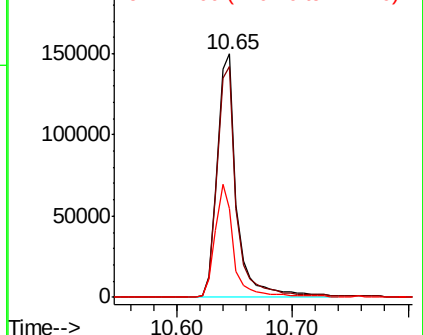
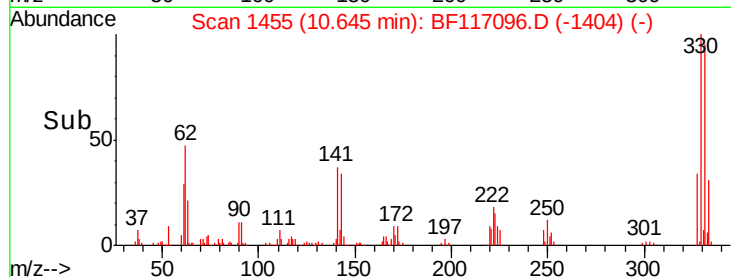


Abundance

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: 90.053 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117096.D

Acq: 17 Sep 2019 10:24

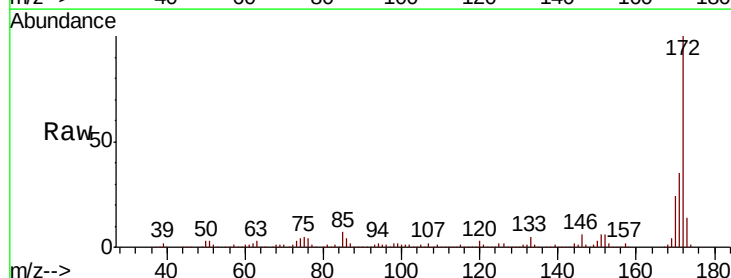
Tgt Ion:172 Resp: 955300

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.5 18.9 28.3

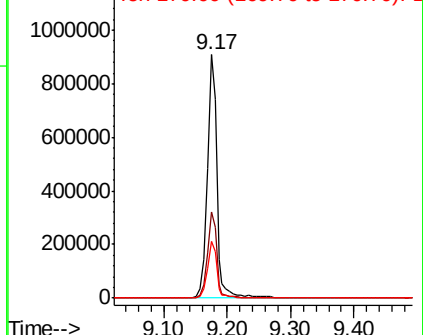
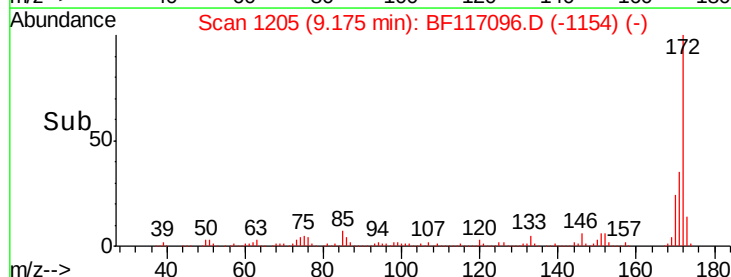


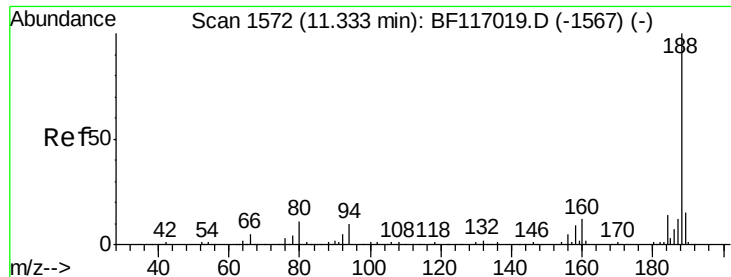
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF117096.D

Acq: 17 Sep 2019 10:24

Instrument :

BNA_F

ClientSampled :

PB123116BL

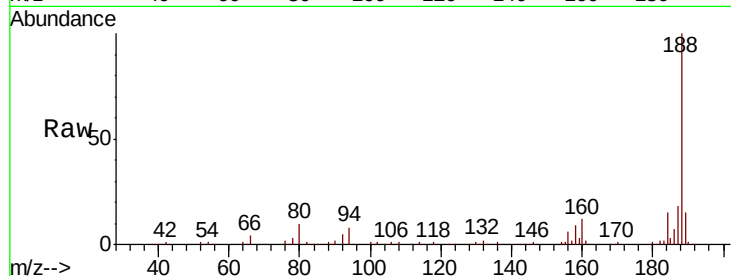
Tot Ion:188 Resp: 264954

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

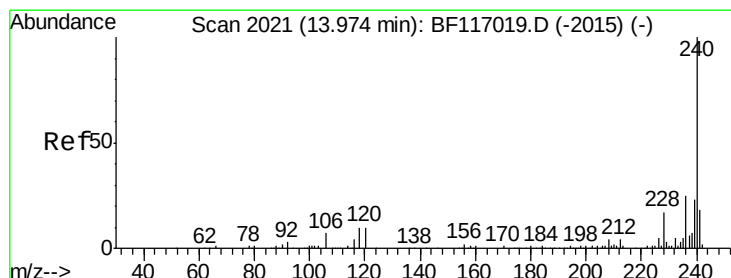
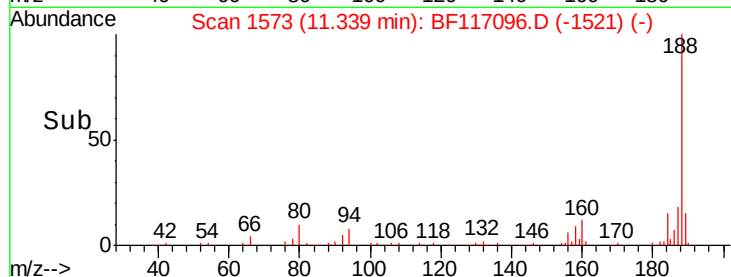
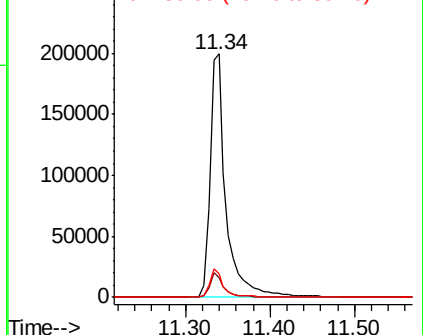
80 9.7 9.0 13.6



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117096.D

Acq: 17 Sep 2019 10:24

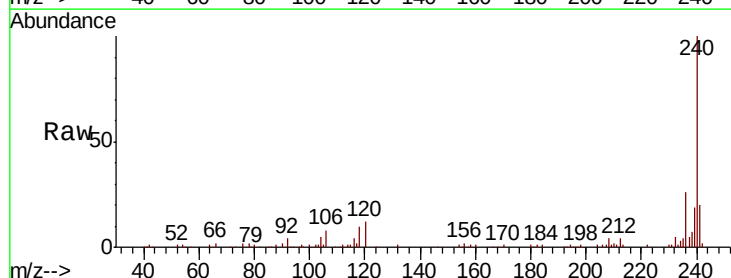
Tgt Ion:240 Resp: 158319

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

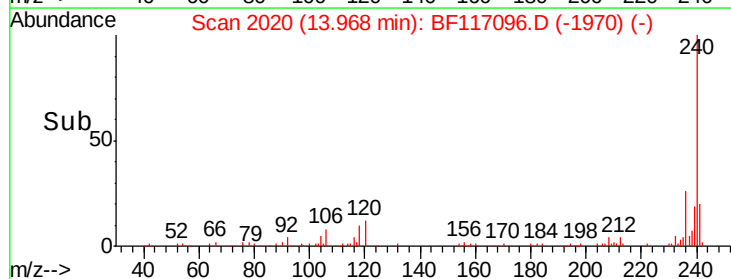
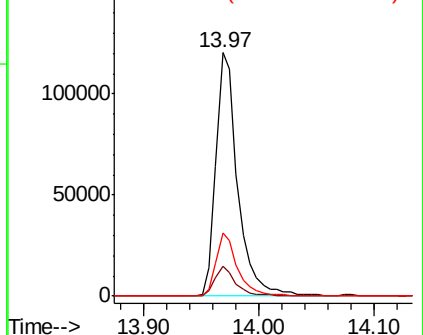
236 25.8 20.3 30.5

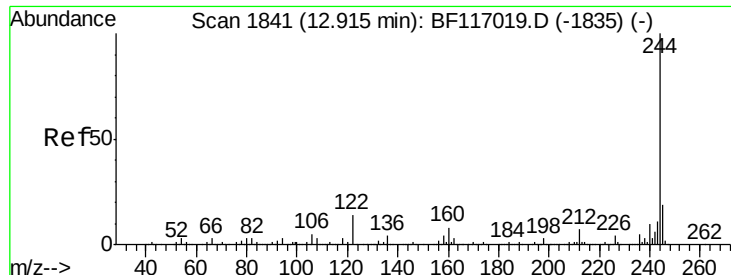


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 102.867 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117096.D

Acq: 17 Sep 2019 10:24

Instrument :

BNA_F

ClientSampleId :

PB123116BL

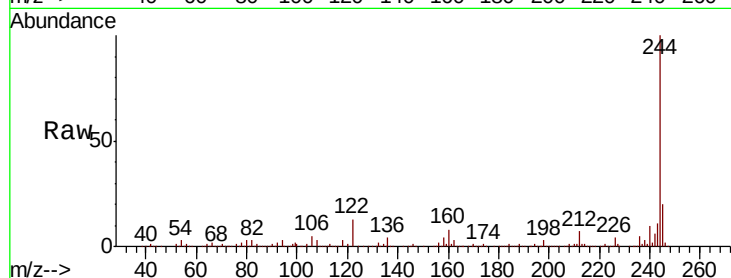
Tot Ion:244 Resp: 871259

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

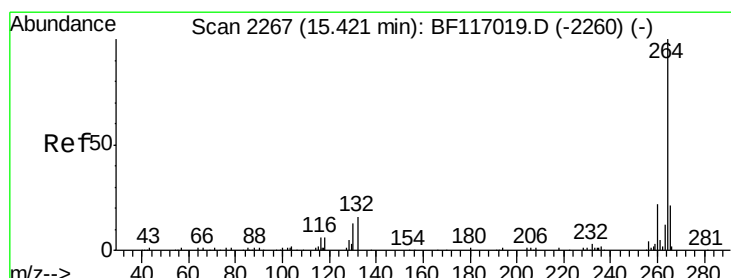
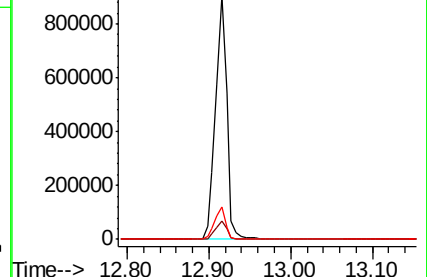
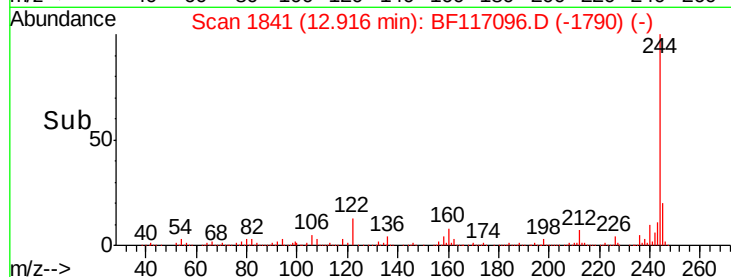
122 13.4 11.3 16.9



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: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF117096.D

Acq: 17 Sep 2019 10:24

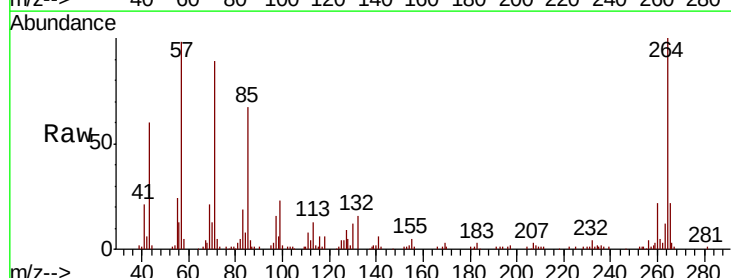
Tgt Ion:264 Resp: 123493

Ion Ratio Lower Upper

264 100

260 22.2 17.6 26.4

265 22.3 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

