

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117250.D
 Acq On : 25 Sep 2019 19:45
 Operator : JU
 Sample : K5014-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SLAB

Quant Time: Sep 26 03:57:38 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

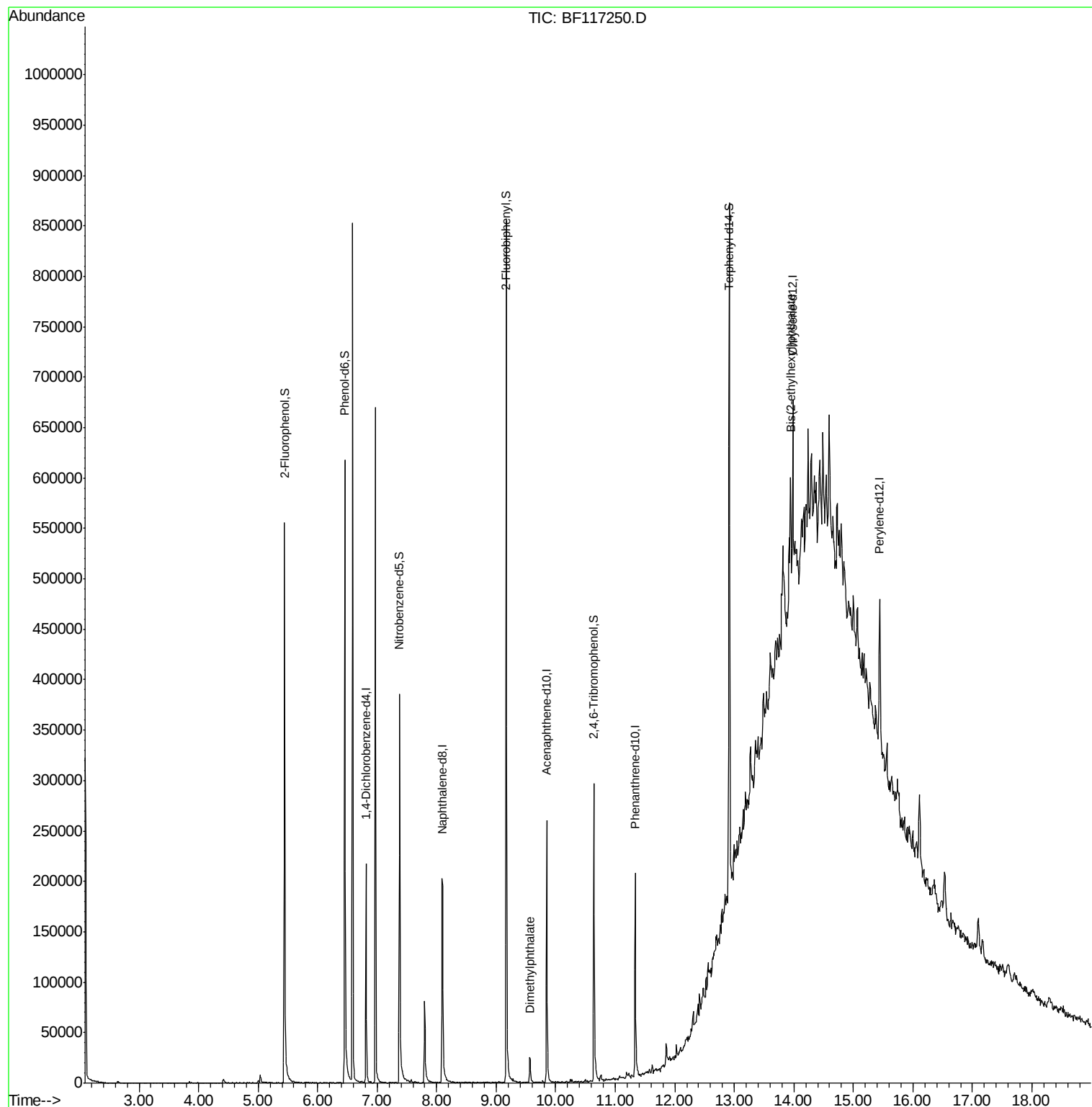
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	35080	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	132120	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	62034	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	82468	20.00	ng	0.00
76) Chrysene-d12	13.98	240	60922	20.00	ng	0.00
87) Perylene-d12	15.44	264	63303	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	184696	82.20	ng	0.00
7) Phenol-d6	6.46	99	245561	84.56	ng	0.00
23) Nitrobenzene-d5	7.37	82	158936	63.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	40196	77.53	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	276588	69.71	ng	0.00
79) Terphenyl-d14	12.92	244	200496	61.52	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	15713	3.577	ng	Qvalue # 99
84) Bis(2-ethylhexyl)phthalate	13.95	149	33665	10.810	ng	100

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

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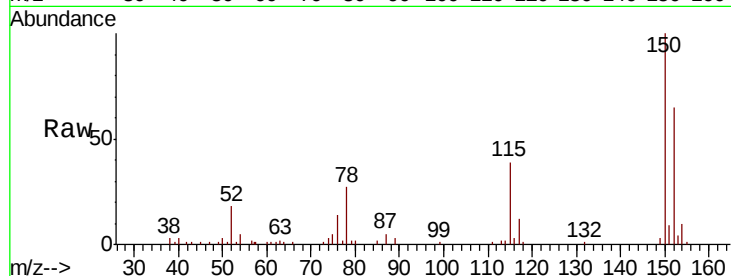


#1

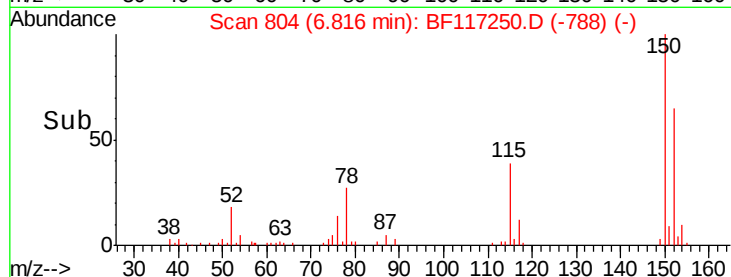
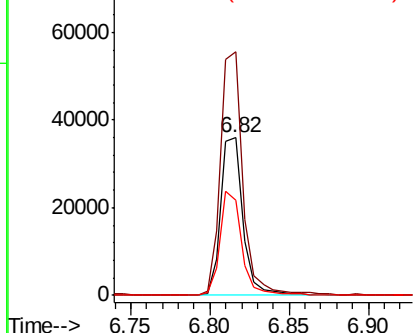
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117250.D
Acq: 25 Sep 2019 19:45

Instrument :
BNA_F
ClientSampleId :
SHED-SLAB

Tot Ion:152 Resp: 35080
Ion Ratio Lower Upper
152 100
150 154.4 127.5 191.3
115 60.5 55.0 82.4



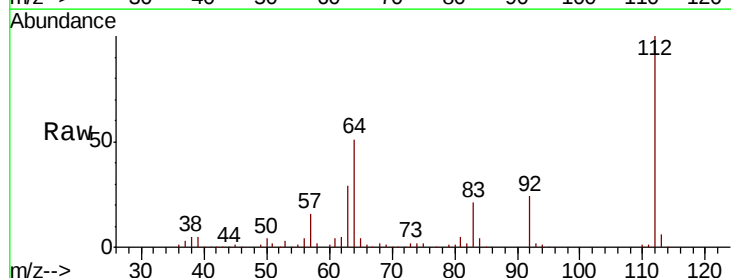
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



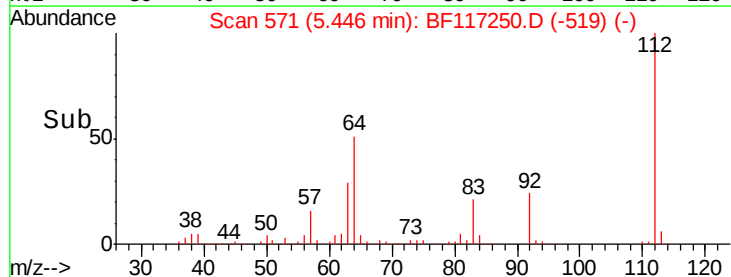
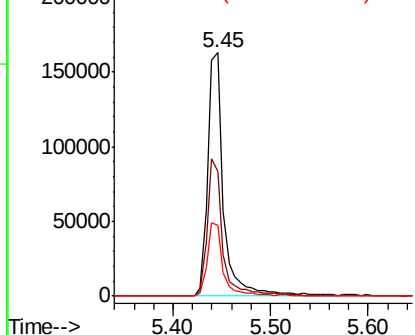
#5

2-Fluorophenol
Concen: 82.200 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117250.D
Acq: 25 Sep 2019 19:45

Tgt Ion:112 Resp: 184696
Ion Ratio Lower Upper
112 100
64 51.3 45.7 68.5
63 28.9 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: 84.564 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117250.D

Acq: 25 Sep 2019 19:45

Instrument :

BNA_F

ClientSampleId :

SHED-SLAB

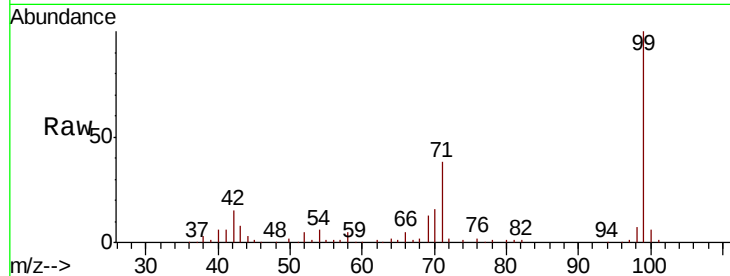
Tot Ion: 99 Resp: 245561

Ion Ratio Lower Upper

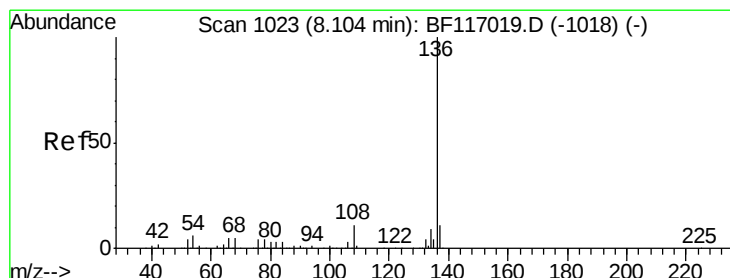
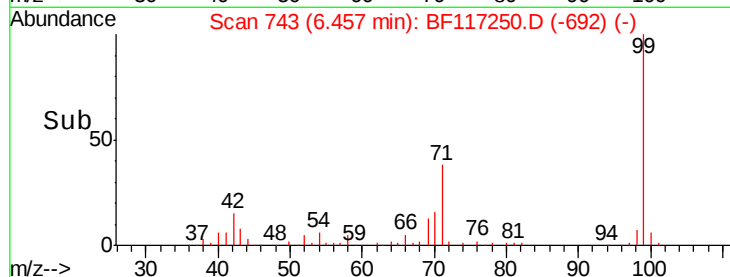
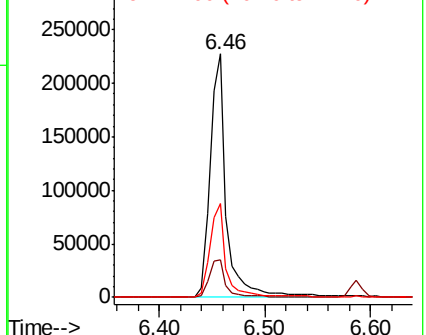
99 100

42 15.4 12.2 18.2

71 38.5 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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117250.D

Acq: 25 Sep 2019 19:45

Tgt Ion: 136 Resp: 132120

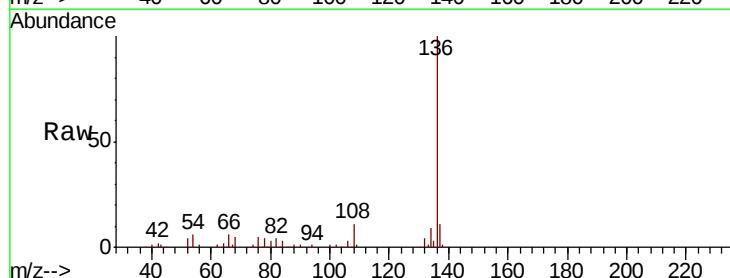
Ion Ratio Lower Upper

136 100

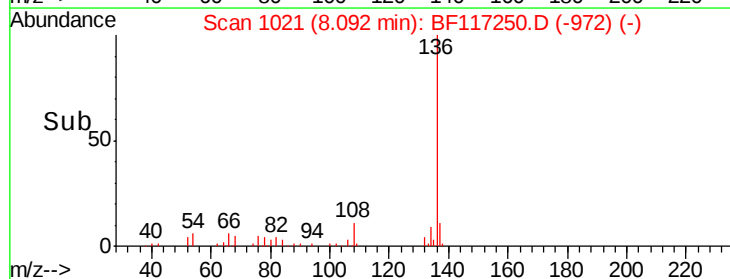
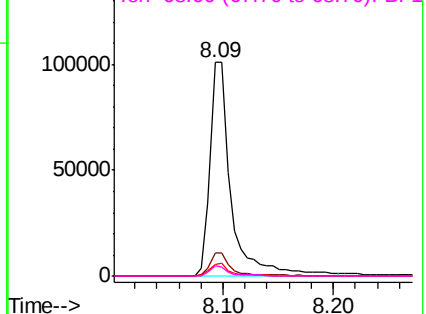
137 10.9 9.0 13.4

54 5.6 4.5 6.7

68 5.1 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

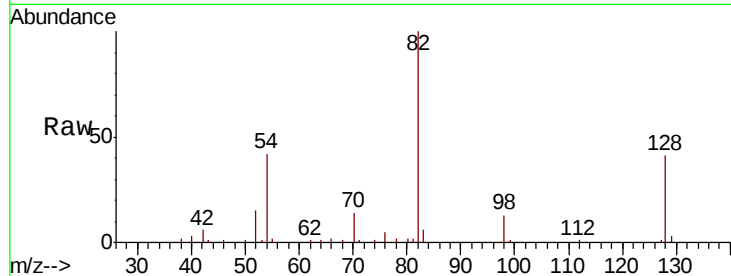




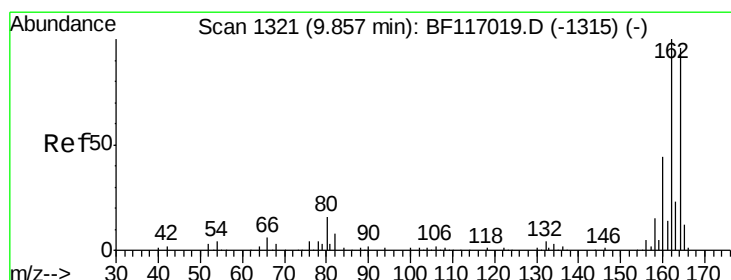
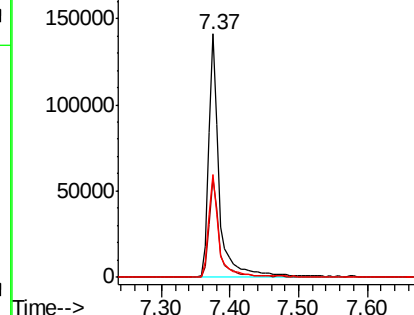
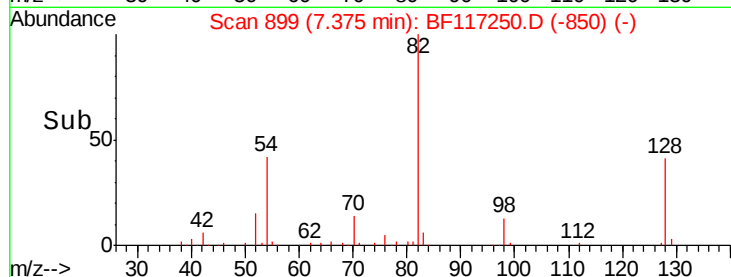
#23
 Nitrobenzene-d5
 Concen: 63.207 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF117250.D
 Acq: 25 Sep 2019 19:45

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SLAB

Tot Ion	82	Resp	158936
Ion Ratio	Lower	Upper	
82	100		
128	40.9	32.3	48.5
54	42.4	33.3	49.9

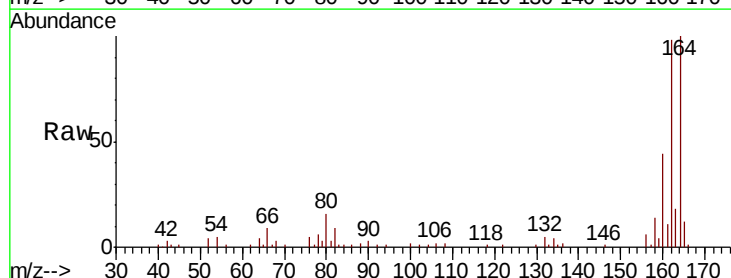


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

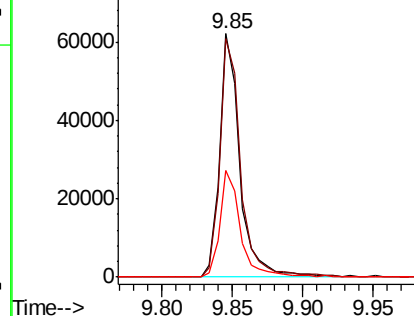
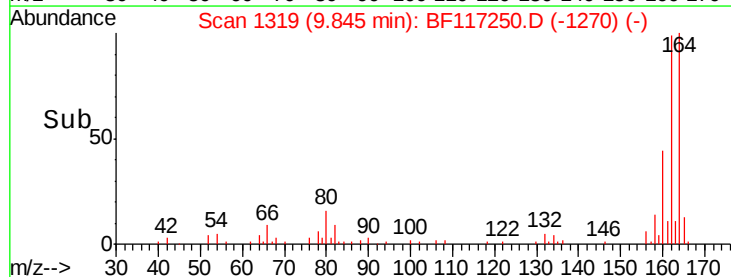


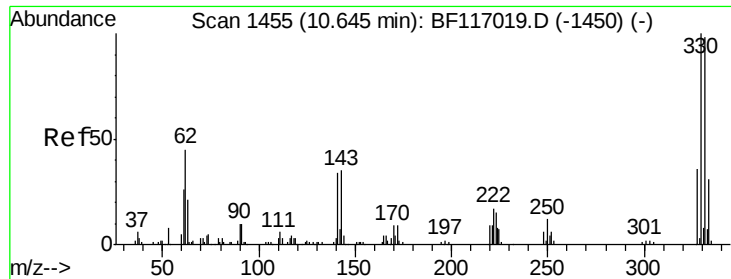
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117250.D
 Acq: 25 Sep 2019 19:45

Tgt Ion	164	Resp	62034
Ion Ratio	Lower	Upper	
164	100		
162	98.0	83.4	125.2
160	44.0	36.4	54.6



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: 77.529 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117250.D

Acq: 25 Sep 2019 19:45

Instrument :

BNA_F

ClientSampleId :

SHED-SLAB

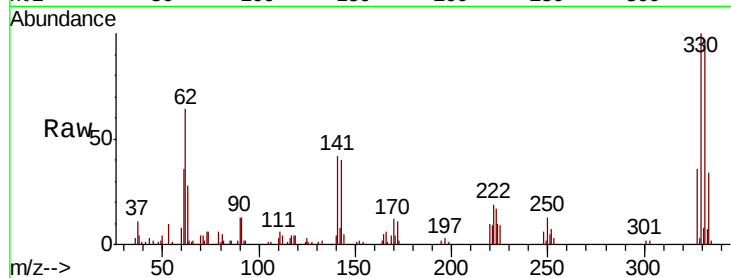
Tot Ion:330 Resp: 40196

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

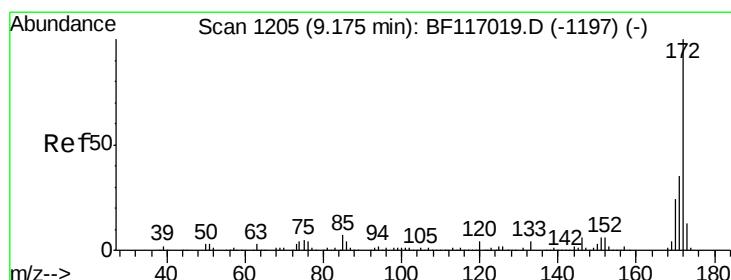
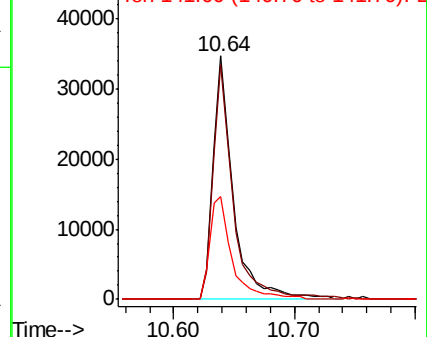
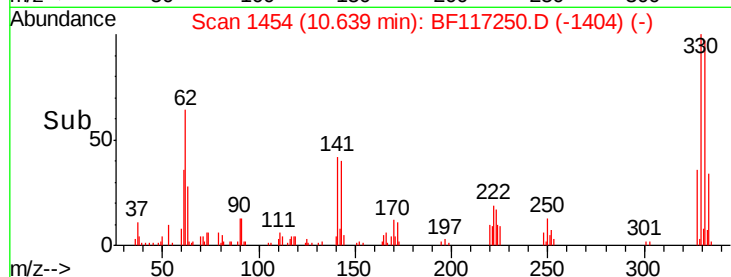
141 46.4 35.8 53.6



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: 69.714 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF117250.D

Acq: 25 Sep 2019 19:45

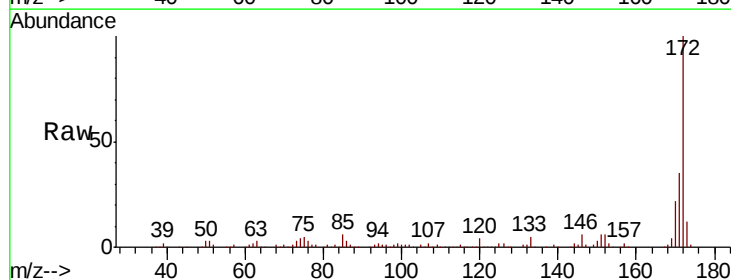
Tgt Ion:172 Resp: 276588

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

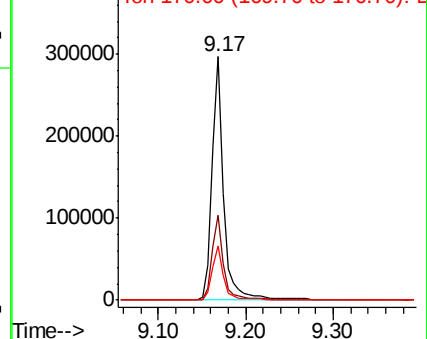
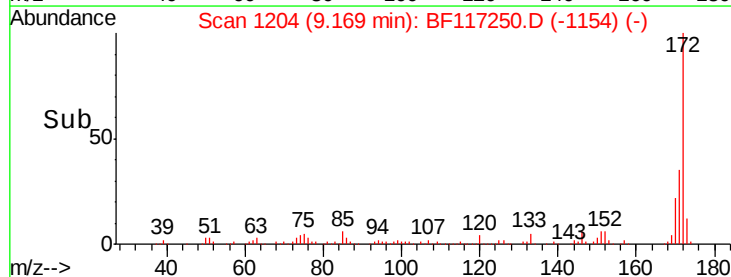
170 22.2 18.9 28.3

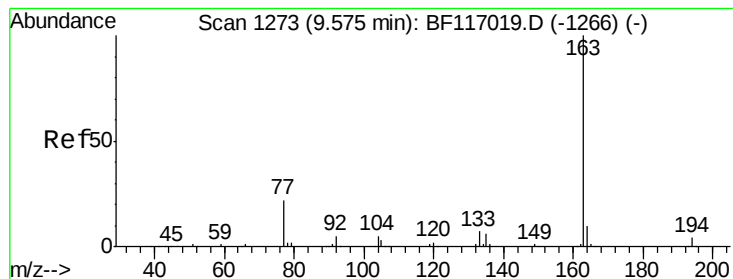


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.577 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF117250.D

Acq: 25 Sep 2019 19:45

Instrument :

BNA_F

ClientSampleId :

SHED-SLAB

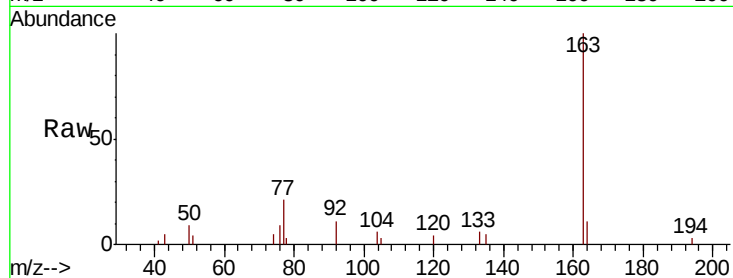
Tot Ion:163 Resp: 15713

Ion Ratio Lower Upper

163 100

194 2.9 2.9 4.3#

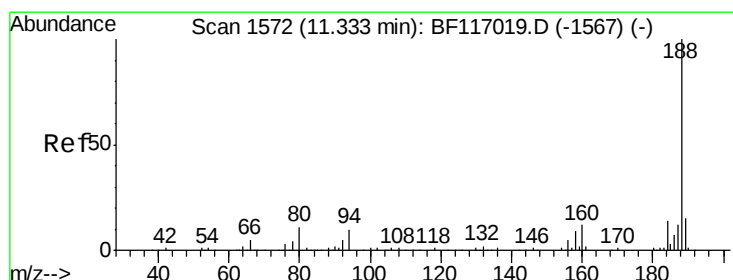
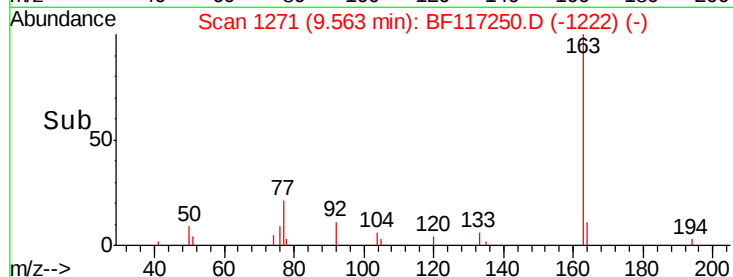
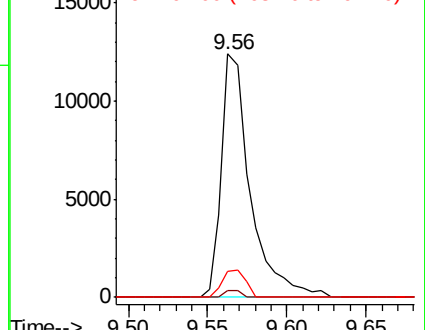
164 10.6 8.2 12.4



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: BF117250.D

Acq: 25 Sep 2019 19:45

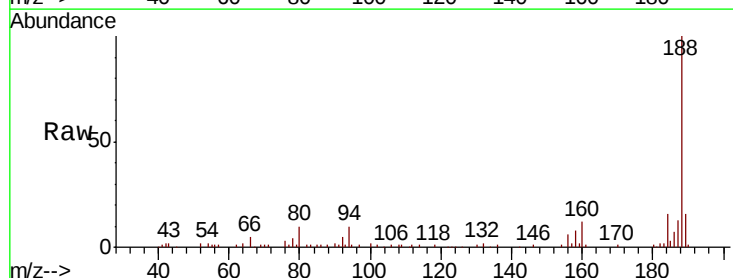
Tgt Ion:188 Resp: 82468

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

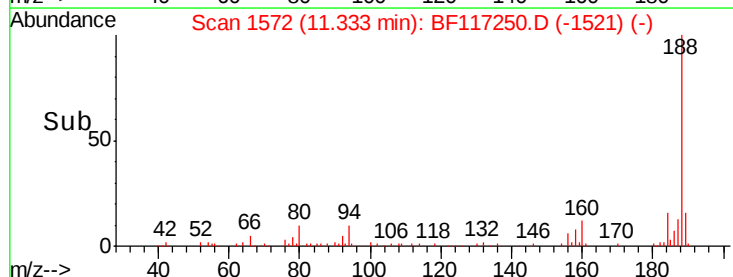
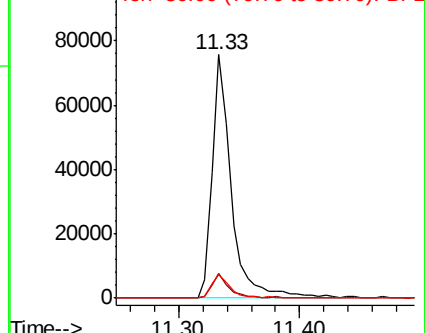
80 9.9 9.0 13.6

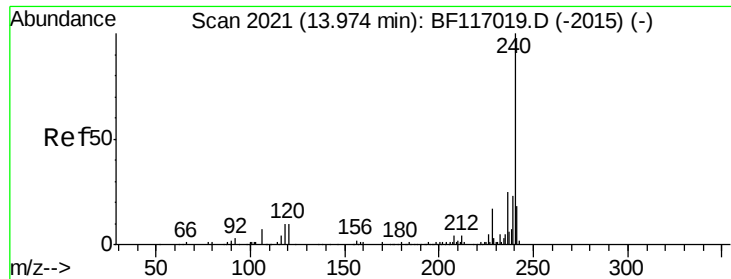


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

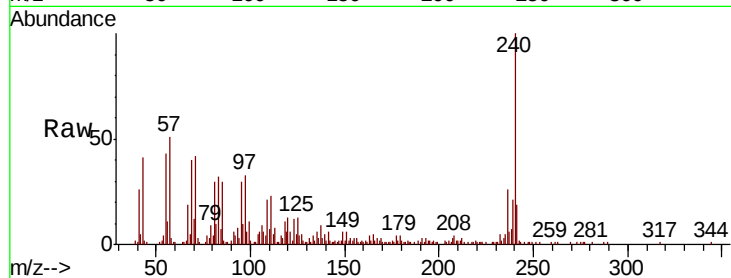




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF117250.D
 Acq: 25 Sep 2019 19:45

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SLAB

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	8.3	12.5#
236	25.8	20.3	30.5

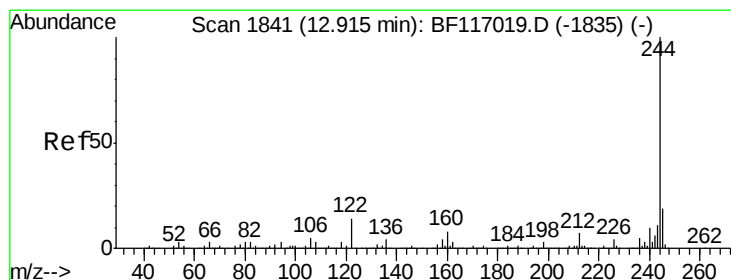
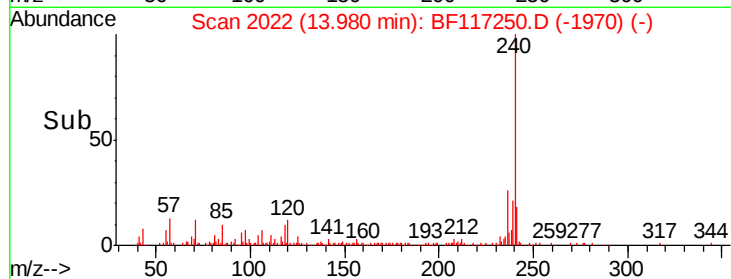
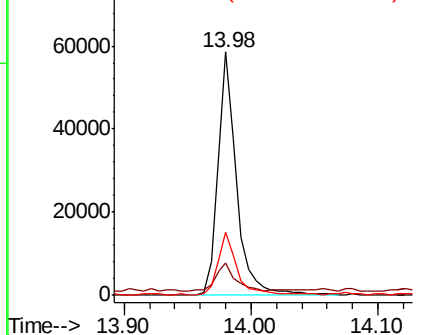


Abundance

Ion 240.00 (239.70 to 240.70): E

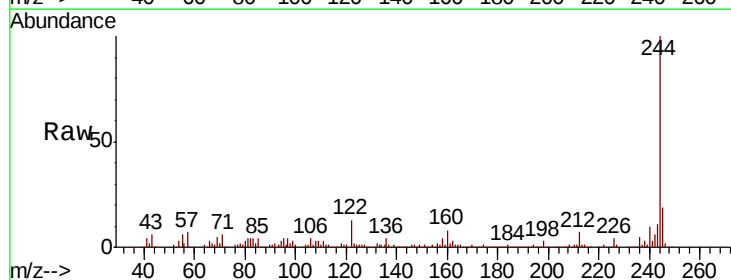
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
 Terphenyl-d14
 Concen: 61.517 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117250.D
 Acq: 25 Sep 2019 19:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.6	11.3	16.9

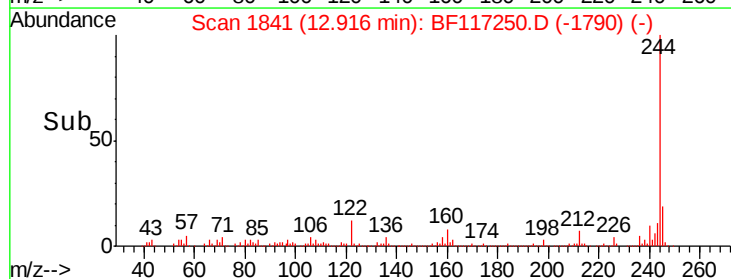
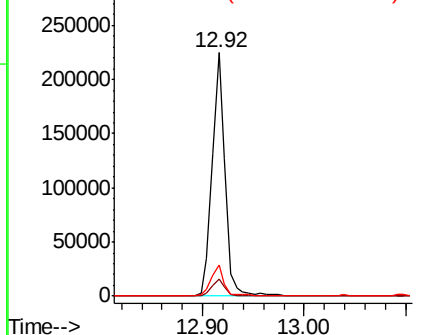


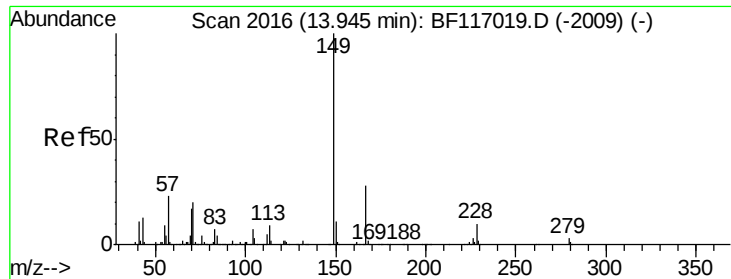
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 10.810 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF117250.D

Acq: 25 Sep 2019 19:45

Instrument :

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SHED-SLAB

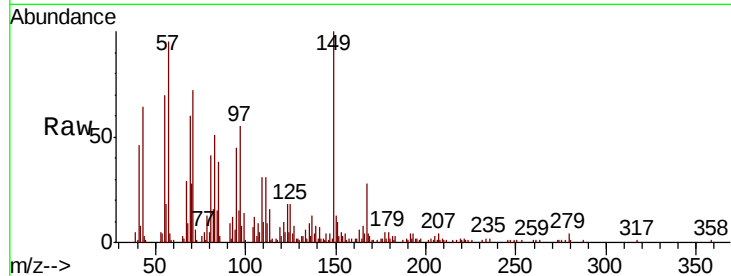
Tot Ion:149 Resp: 33665

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

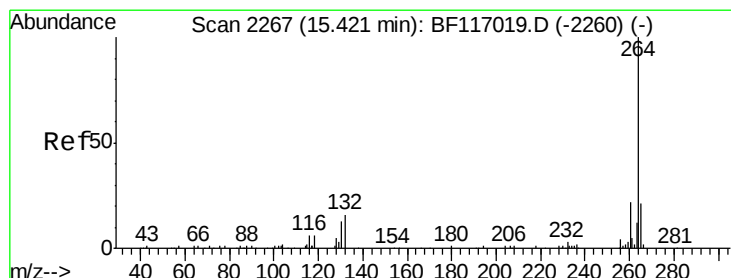
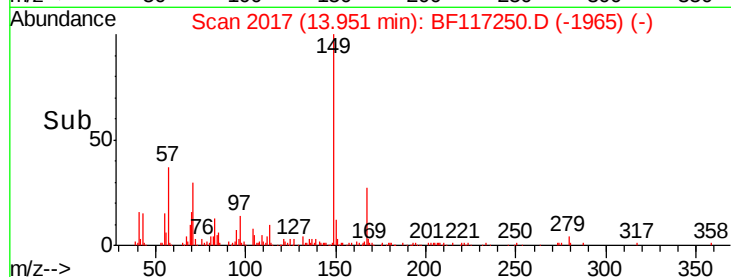
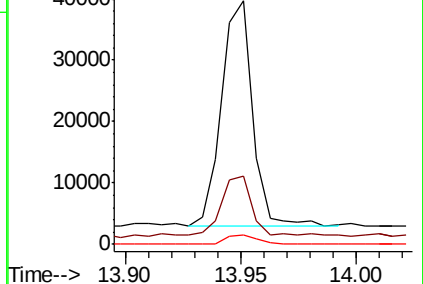
279 3.9 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.02 min

Lab File: BF117250.D

Acq: 25 Sep 2019 19:45

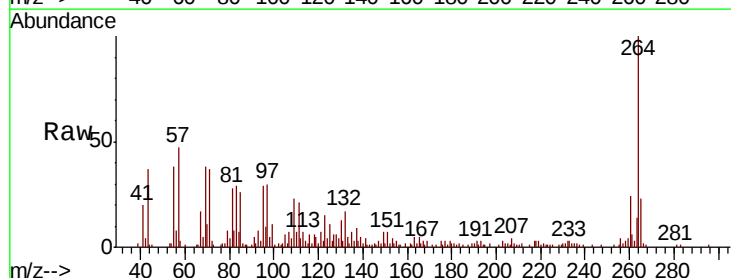
Tgt Ion:264 Resp: 63303

Ion Ratio Lower Upper

264 100

260 24.5 17.6 26.4

265 22.8 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

