

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117313.D
 Acq On : 2 Oct 2019 21:23
 Operator : JU
 Sample : K5095-04 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4

Quant Time: Oct 03 03:27:56 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

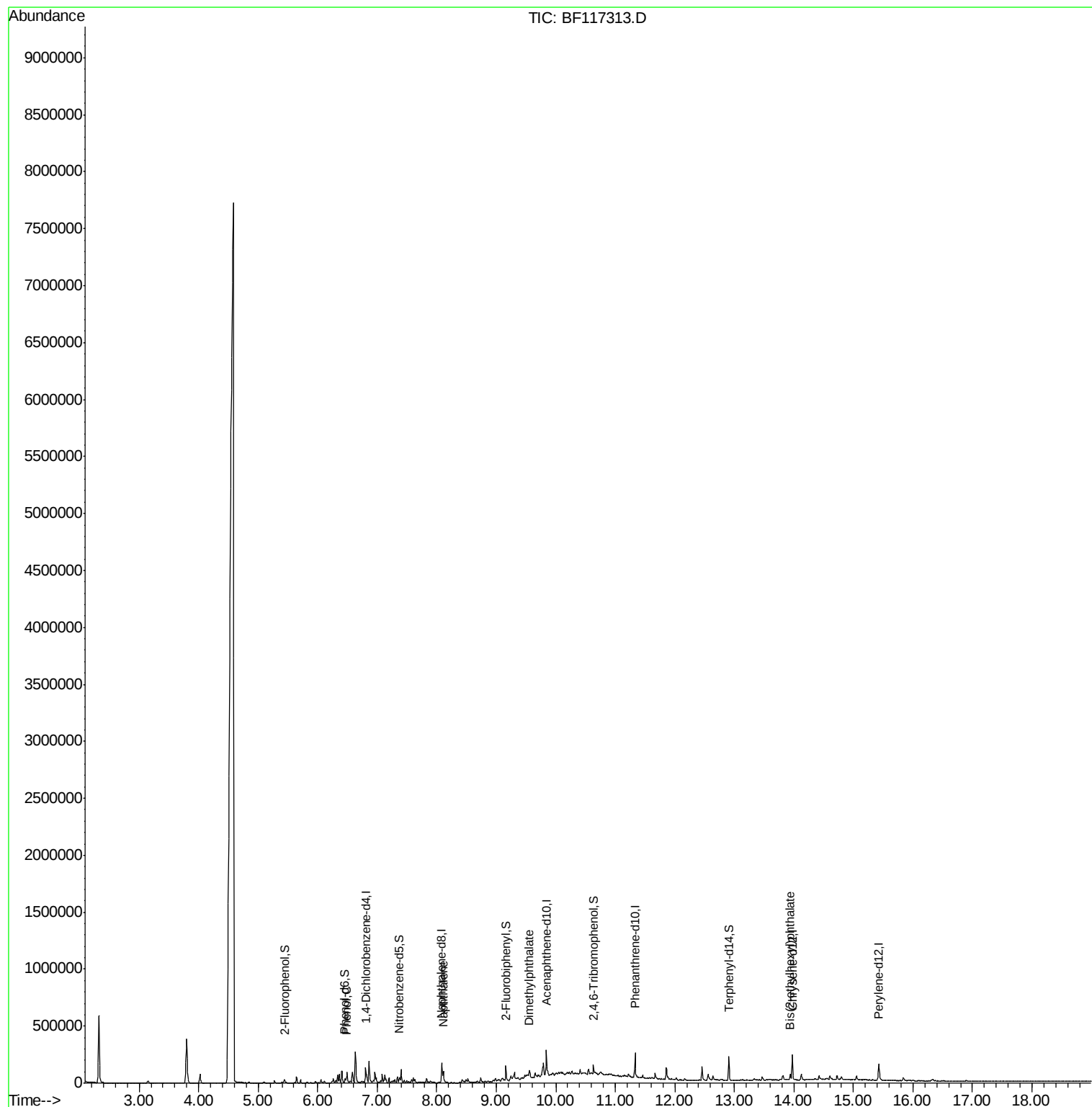
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	22346	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	96631	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	49504	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	86239	20.00	ng	0.00
76) Chrysene-d12	13.97	240	65075	20.00	ng	0.00
87) Perylene-d12	15.43	264	59772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	18902	13.21	ng	0.00
7) Phenol-d6	6.46	99	17488	9.45	ng	0.00
23) Nitrobenzene-d5	7.37	82	23250	12.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	10605	25.63	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	49389	15.60	ng	-0.01
79) Terphenyl-d14	12.91	244	63332	18.19	ng	0.00
Target Compounds						
10) Phenol	6.47	94	5565	2.729	ng	Qvalue 97
31) Naphthalene	8.11	128	20096	4.324	ng	96
50) Dimethylphthalate	9.56	163	16893	4.820	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	12898	3.877	ng	# 100

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

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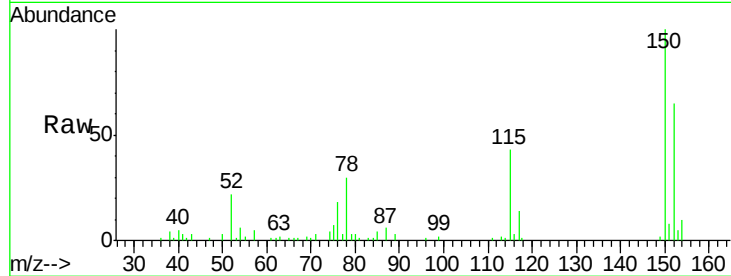


#1

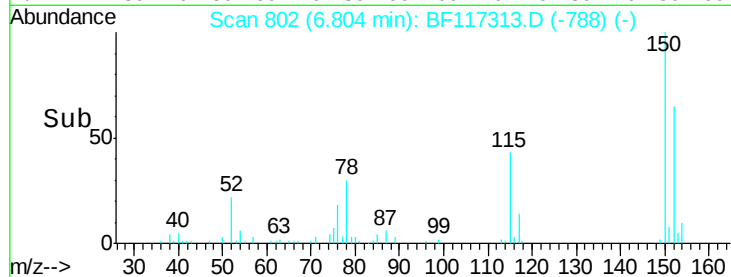
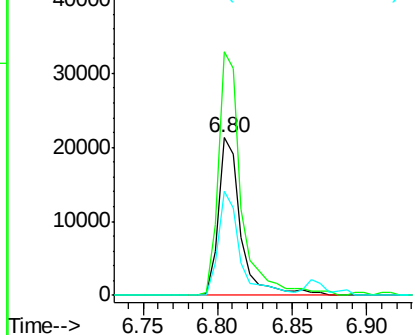
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117313.D
Acq: 2 Oct 2019 21:23

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-4

Tot Ion:152 Resp: 22346
Ion Ratio Lower Upper
152 100
150 154.5 127.5 191.3
115 66.0 55.0 82.4



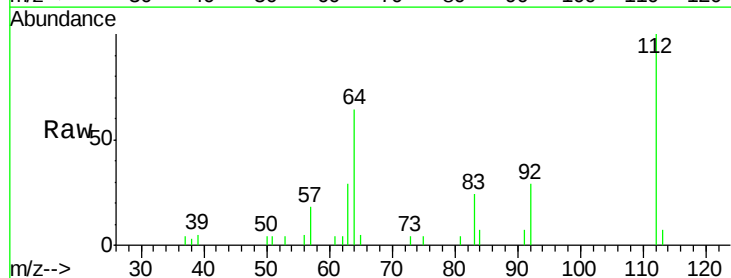
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



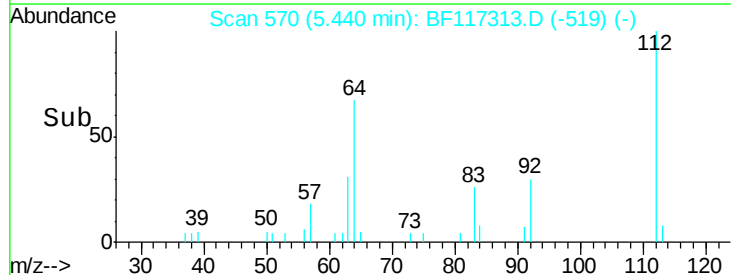
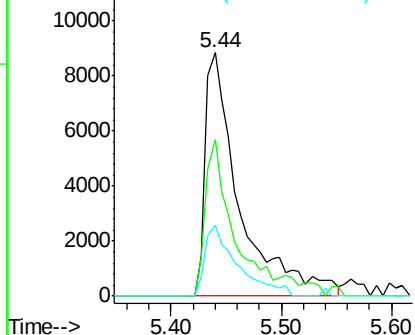
#5

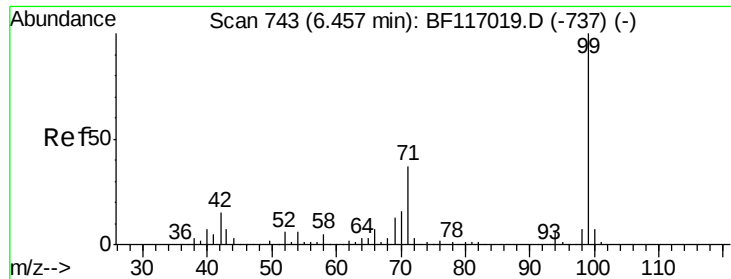
2-Fluorophenol
Concen: 13.206 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117313.D
Acq: 2 Oct 2019 21:23

Tgt Ion:112 Resp: 18902
Ion Ratio Lower Upper
112 100
64 64.2 45.7 68.5
63 29.2 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: 9.454 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4

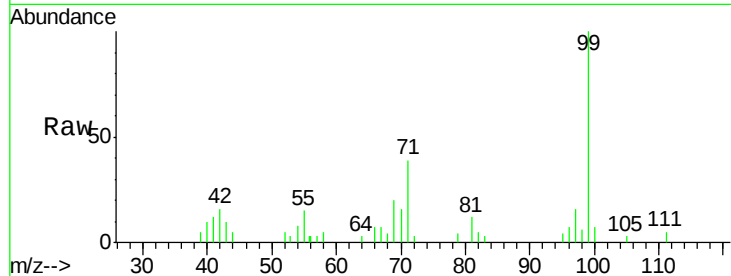
Tot Ion: 99 Resp: 17488

Ion Ratio Lower Upper

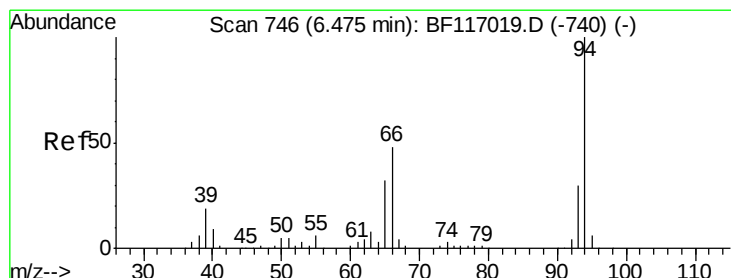
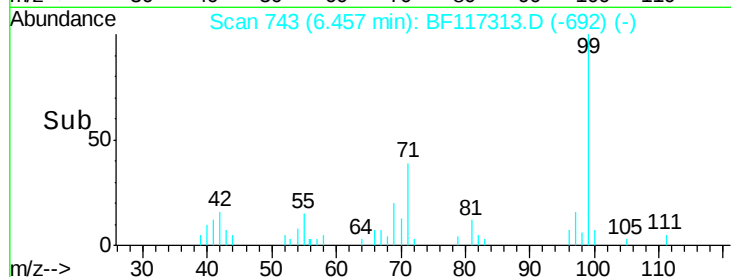
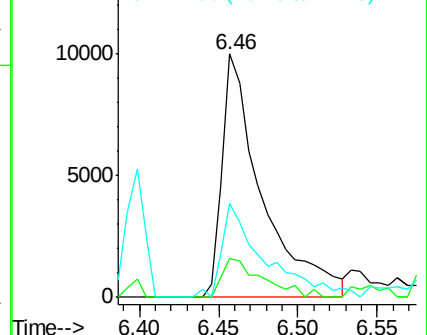
99 100

42 16.2 12.2 18.2

71 38.6 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: 2.729 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

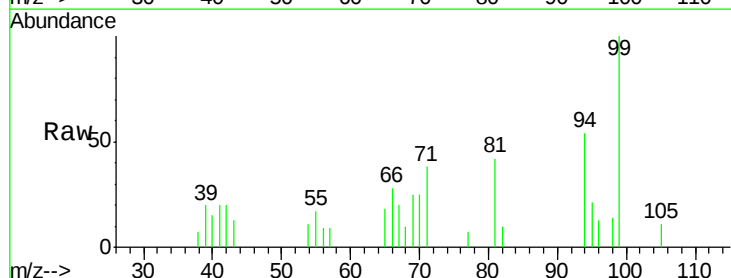
Tgt Ion: 94 Resp: 5565

Ion Ratio Lower Upper

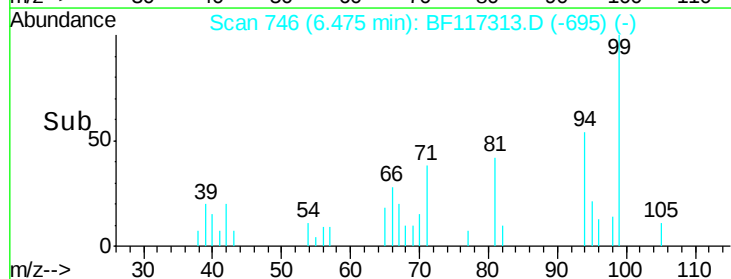
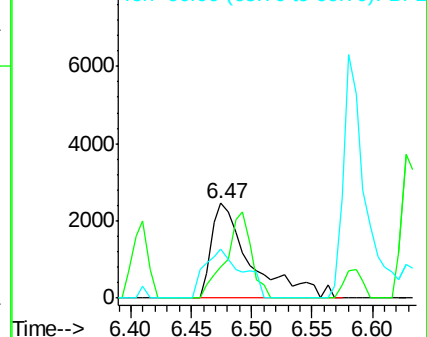
94 100

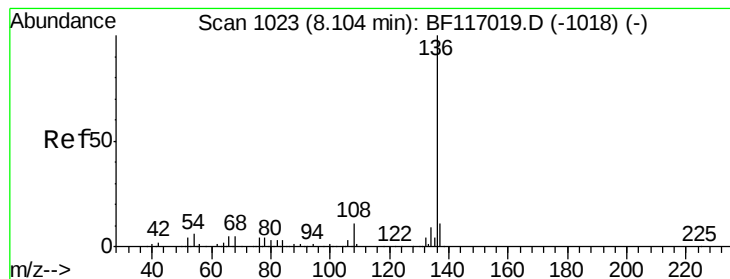
65 33.2 12.5 52.5

66 51.7 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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4

Tot Ion:136 Resp: 96631

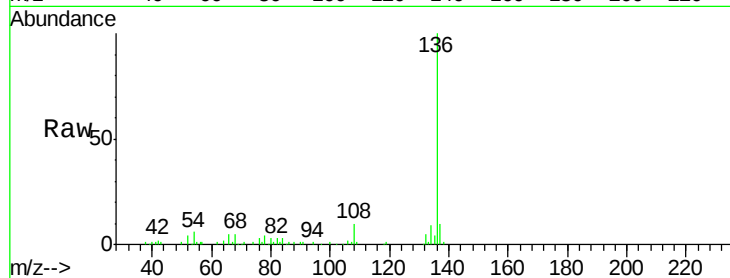
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 6.1 4.5 6.7

68 5.2 4.0 6.0

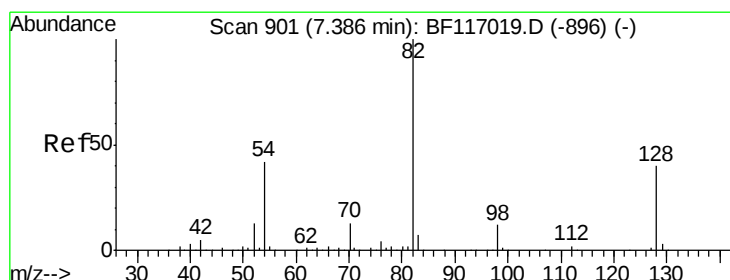
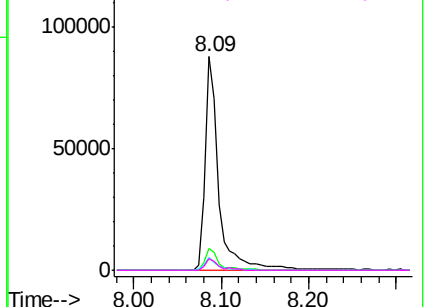
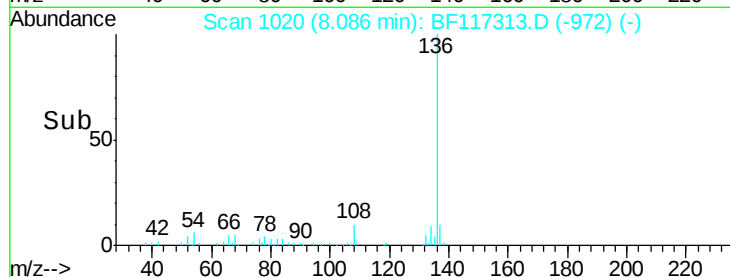


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.642 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

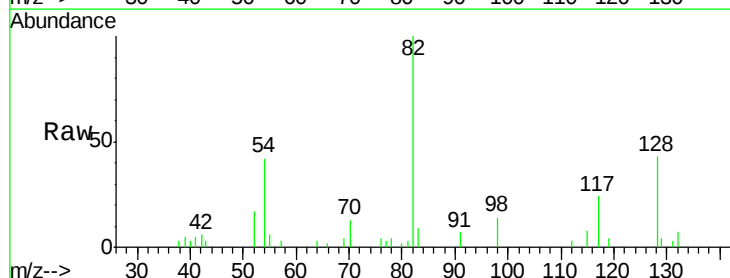
Tgt Ion: 82 Resp: 23250

Ion Ratio Lower Upper

82 100

128 42.6 32.3 48.5

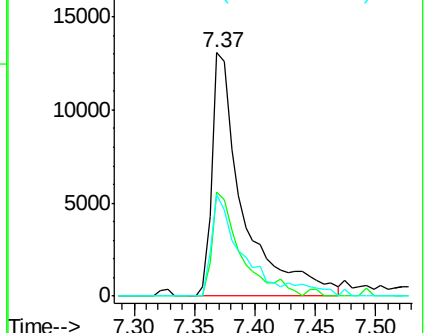
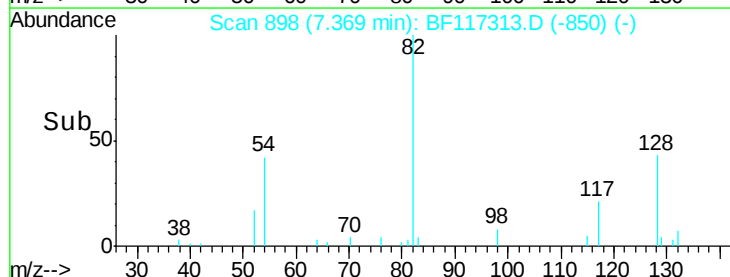
54 41.5 33.3 49.9

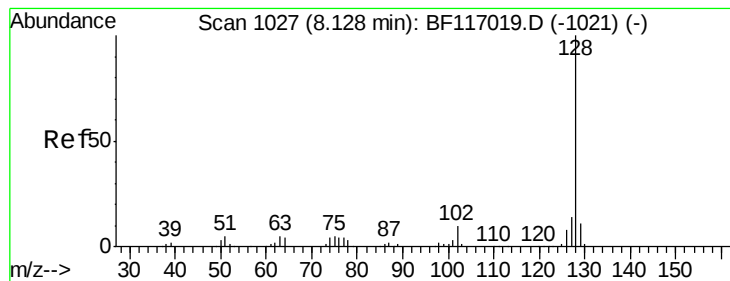


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 4.324 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4

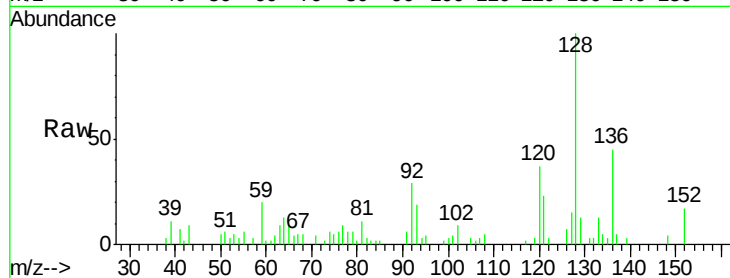
Tot Ion:128 Resp: 20096

Ion Ratio Lower Upper

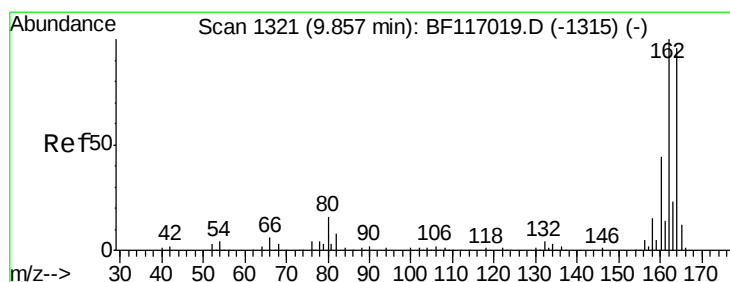
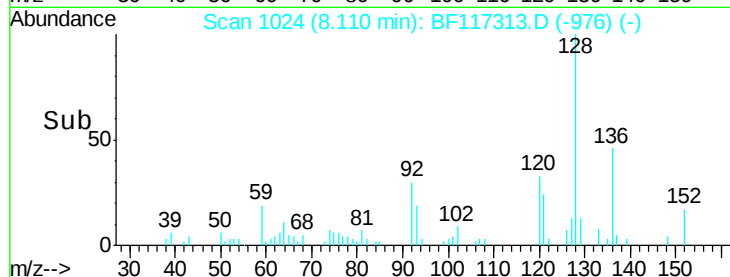
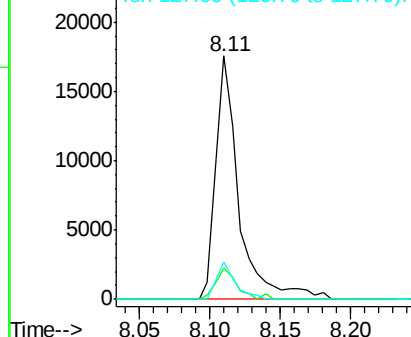
128 100

129 12.9 9.0 13.4

127 15.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

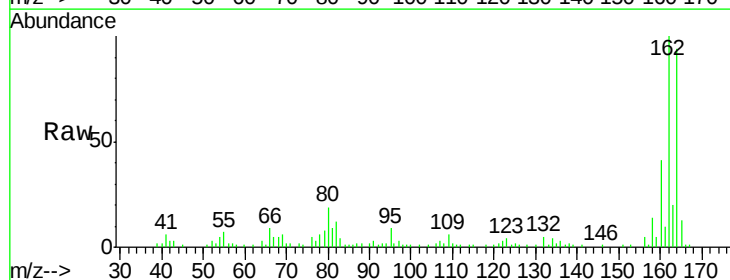
Tgt Ion:164 Resp: 49504

Ion Ratio Lower Upper

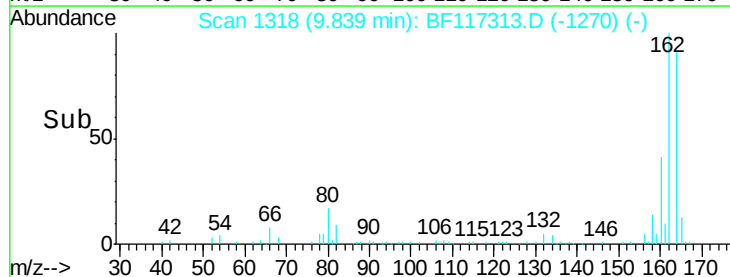
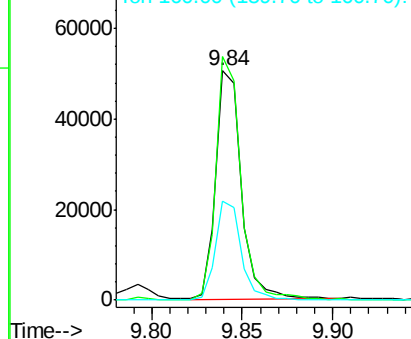
164 100

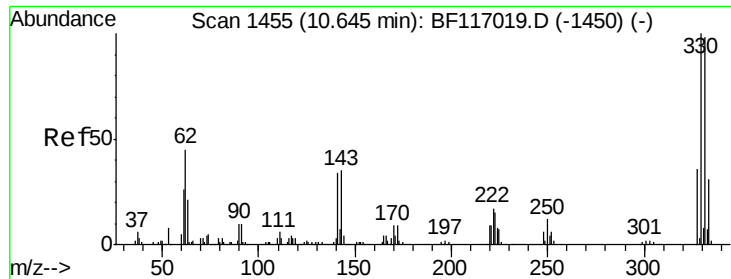
162 106.3 83.4 125.2

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

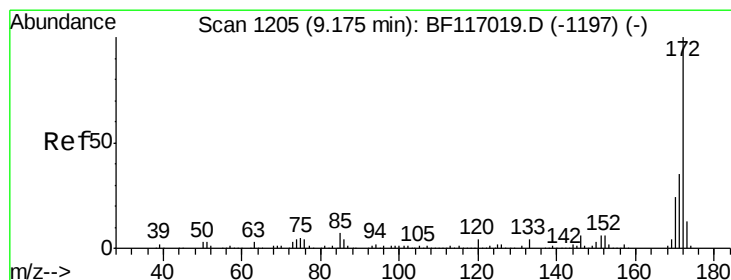
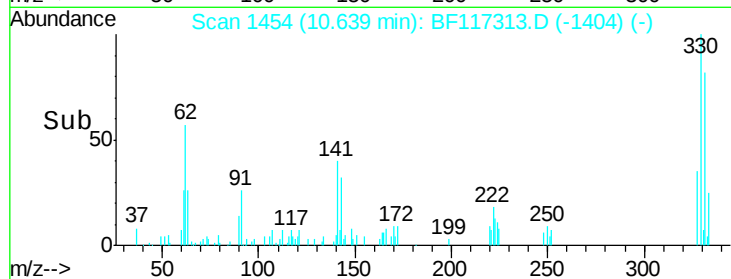
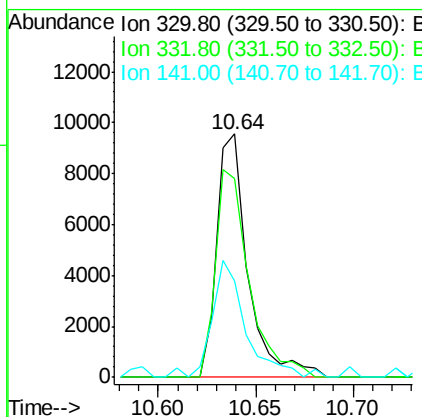
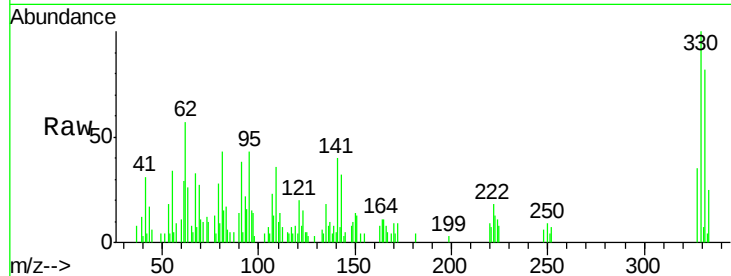




#42
 2,4,6-Tribromophenol
 Concen: 25.632 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117313.D
 Acq: 2 Oct 2019 21:23

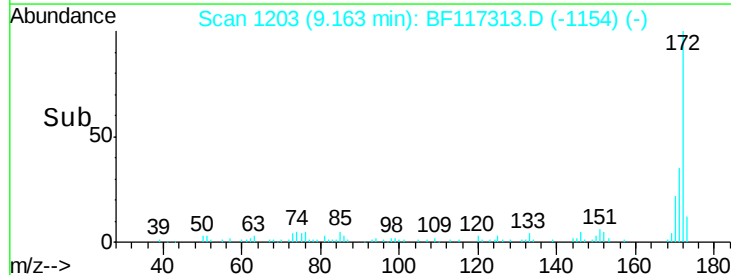
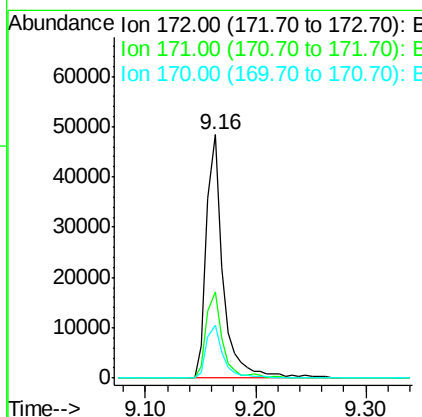
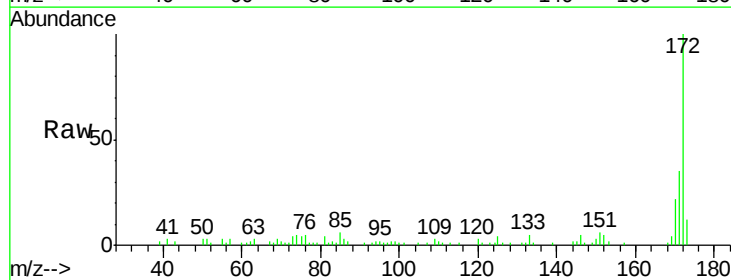
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4

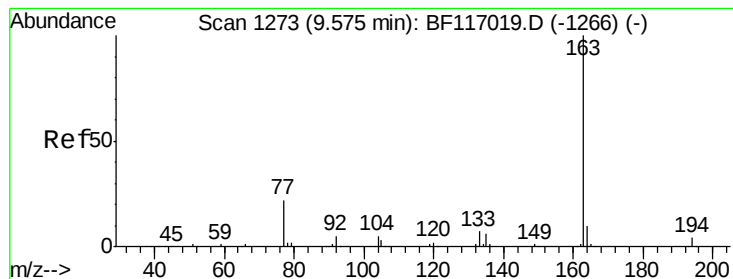
Tot Ion:330 Resp: 10605
 Ion Ratio Lower Upper
 330 100
 332 92.3 78.0 117.0
 141 52.2 35.8 53.6



#45
 2-Fluorobiphenyl
 Concen: 15.599 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF117313.D
 Acq: 2 Oct 2019 21:23

Tgt Ion:172 Resp: 49389
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.2 42.2
 170 21.9 18.9 28.3





#50

Dimethylphthalate

Concen: 4.820 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4

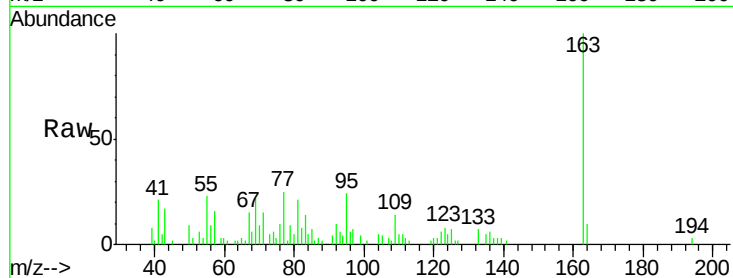
Tot Ion:163 Resp: 16893

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

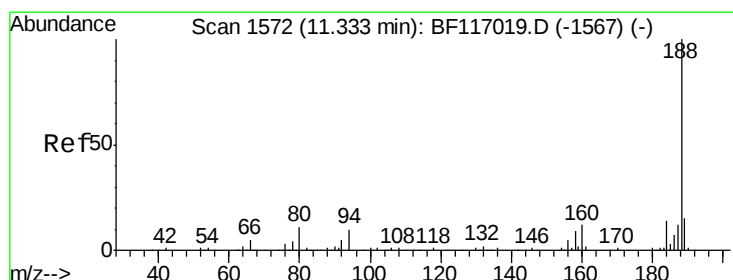
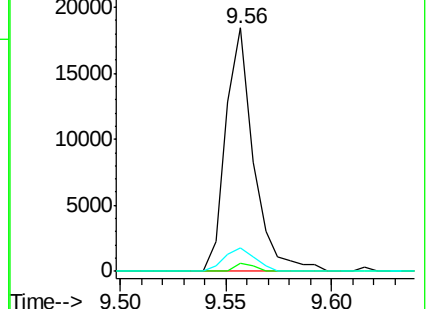
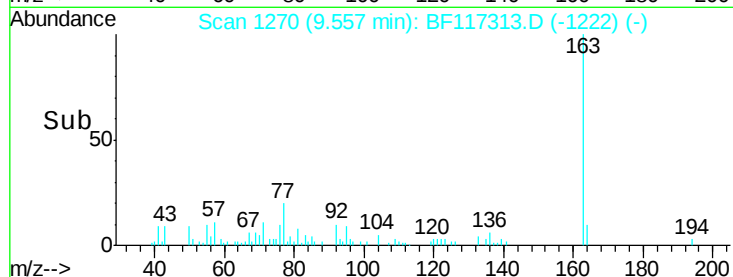
164 9.8 8.2 12.4



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: BF117313.D

Acq: 2 Oct 2019 21:23

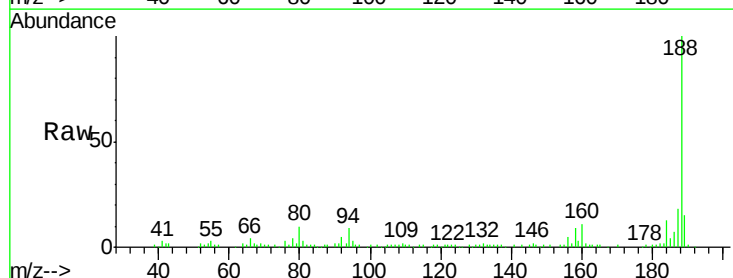
Tgt Ion:188 Resp: 86239

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.2

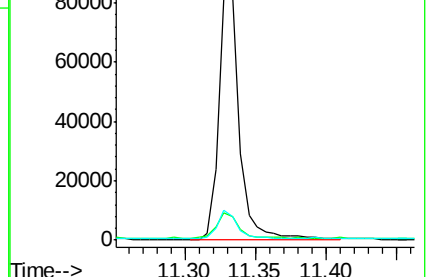
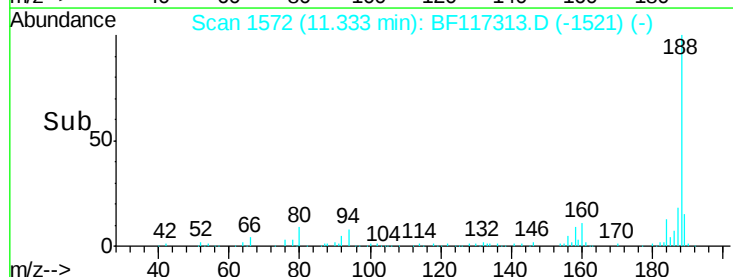
80 9.6 9.0 13.6

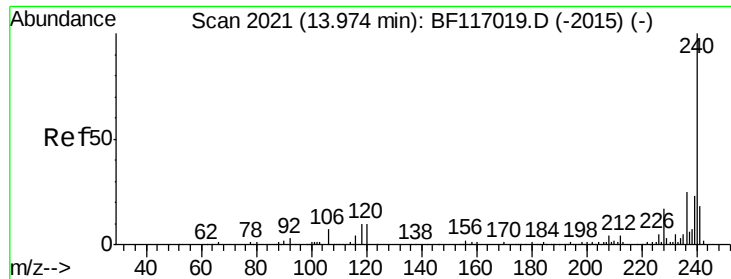


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

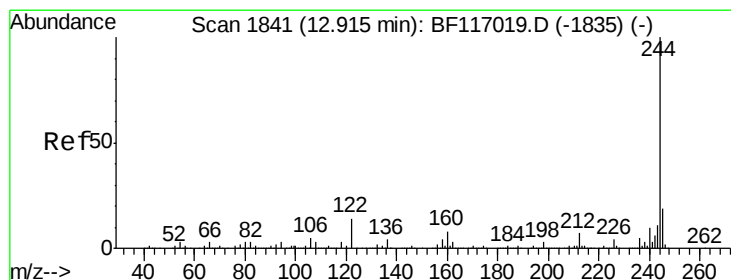
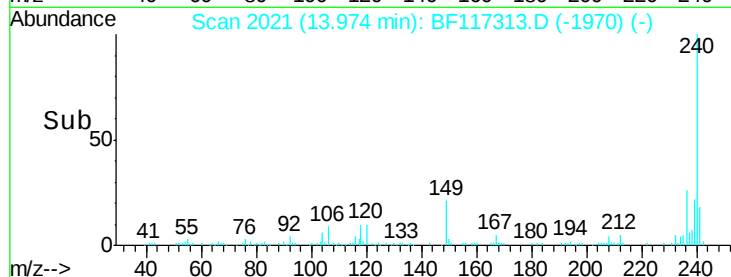
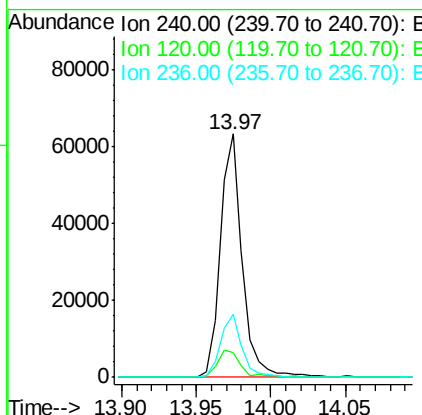
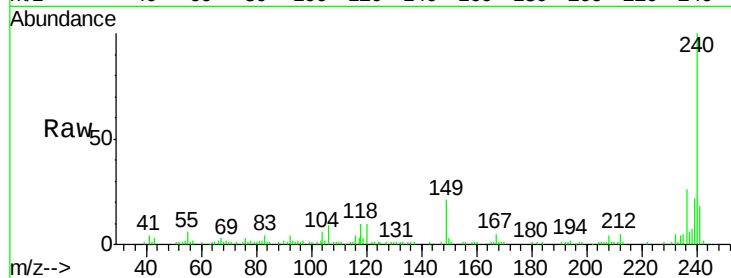




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF117313.D
 Acq: 2 Oct 2019 21:23

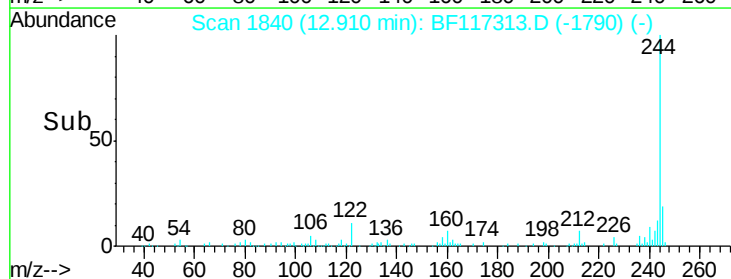
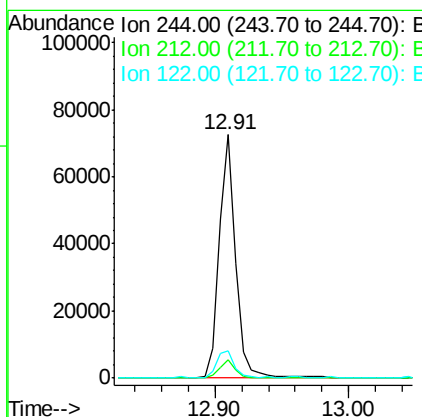
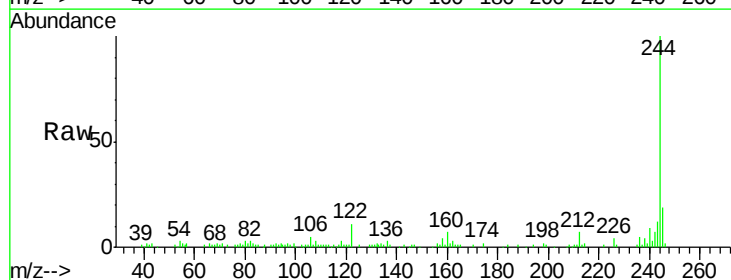
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-4

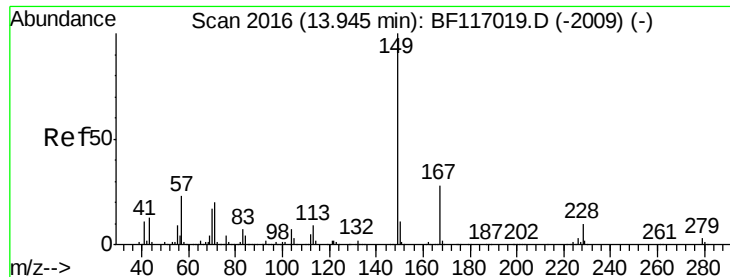
Tot Ion:240 Resp: 65075
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.3 12.5
 236 25.8 20.3 30.5



#79
 Terphenyl-d14
 Concen: 18.192 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117313.D
 Acq: 2 Oct 2019 21:23

Tgt Ion:244 Resp: 63332
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 11.4 11.3 16.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.877 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-4

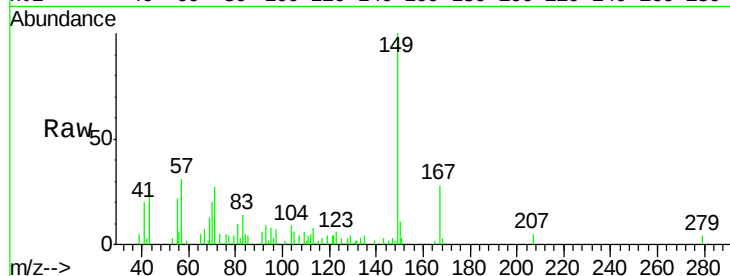
Tot Ion:149 Resp: 12898

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

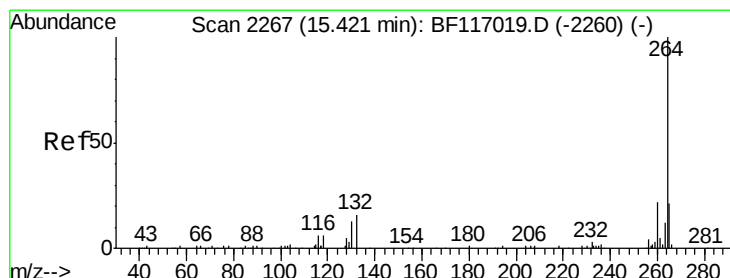
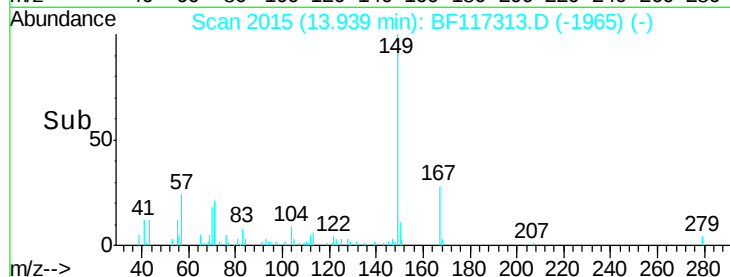
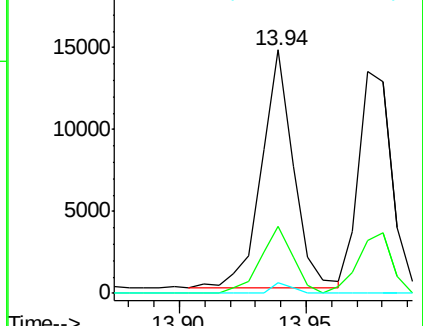
279 4.3 2.8 4.2#



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: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

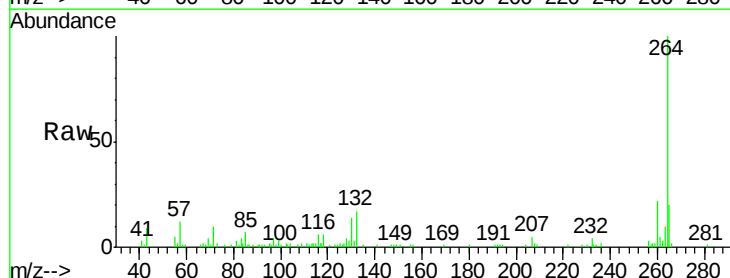
Tgt Ion:264 Resp: 59772

Ion Ratio Lower Upper

264 100

260 22.4 17.6 26.4

265 20.3 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

