

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117248.D
 Acq On : 25 Sep 2019 18:52
 Operator : JU
 Sample : K5014-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-1

Quant Time: Sep 26 03:51:26 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

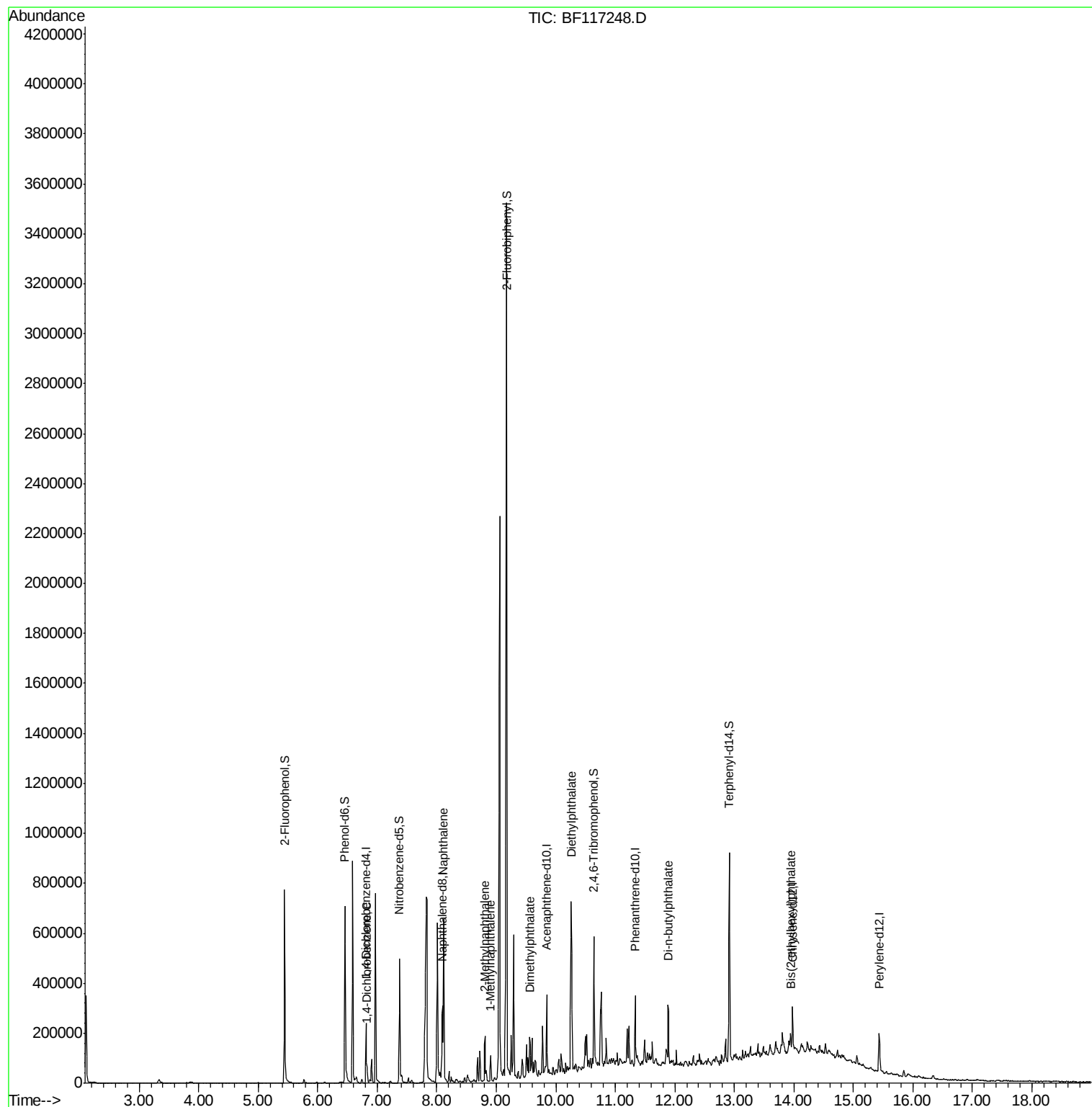
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	36365	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	145600	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	67954	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	94310	20.00	ng	0.00
76) Chrysene-d12	13.98	240	59930	20.00	ng	0.00
87) Perylene-d12	15.43	264	67234	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	218619	93.86	ng	0.00
7) Phenol-d6	6.46	99	298601	99.20	ng	0.00
23) Nitrobenzene-d5	7.37	82	189111	68.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	51492	90.66	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	322467	74.20	ng	0.00
79) Terphenyl-d14	12.92	244	240581	75.04	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	6.83	146	10184	3.539	ng	Qvalue 96
31) Naphthalene	8.12	128	293959	41.979	ng	98
37) 2-Methylnaphthalene	8.81	142	52011	11.030	ng	98
38) 1-Methylnaphthalene	8.90	142	29963	6.785	ng	97
50) Dimethylphthalate	9.56	163	37610	7.817	ng	96
60) Diethylphthalate	10.26	149	184997	39.081	ng	99
74) Di-n-butylphthalate	11.89	149	113850	18.434	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	19256	6.285	ng	# 99

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

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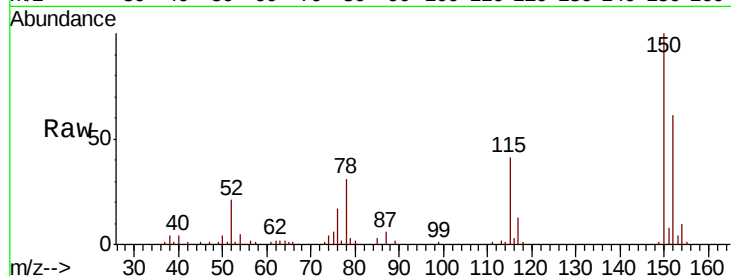


#1

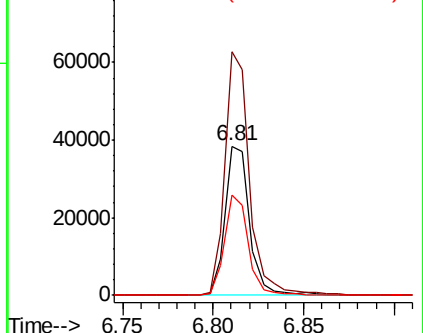
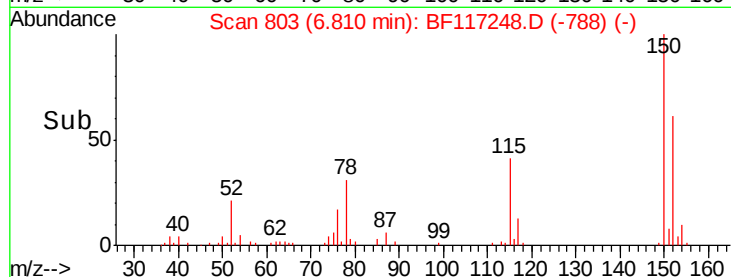
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117248.D
Acq: 25 Sep 2019 18:52

Instrument :
BNA_F
ClientSampleId :
WALL-1

Tot Ion:152 Resp: 36365
Ion Ratio Lower Upper
152 100
150 163.1 127.5 191.3
115 67.0 55.0 82.4



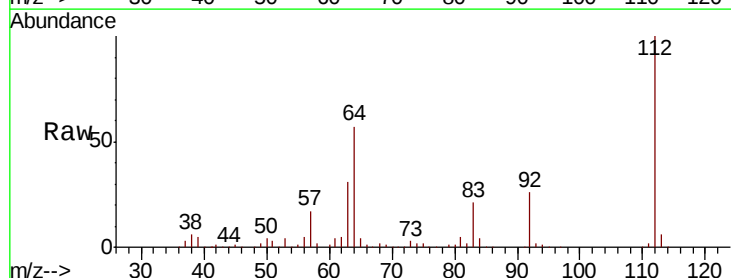
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



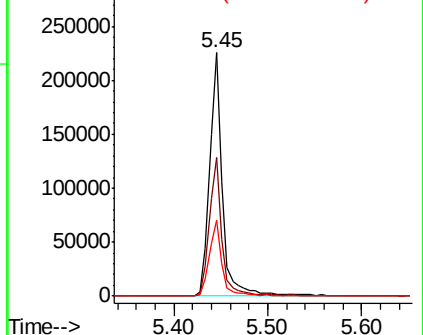
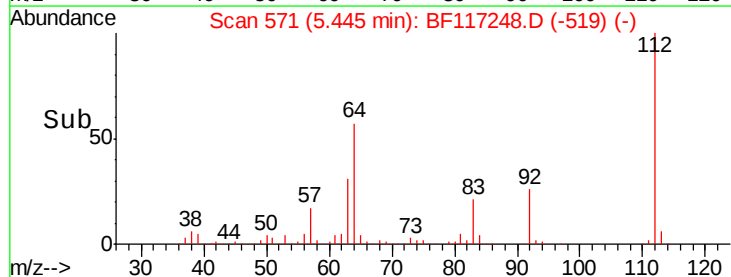
#5

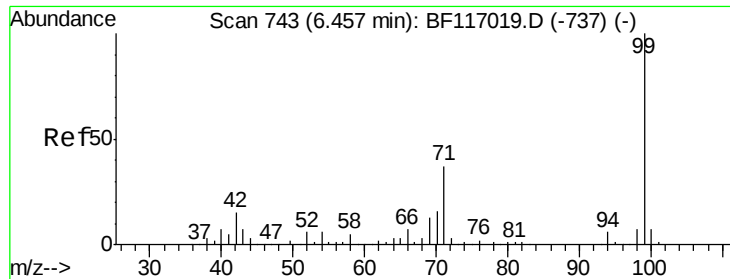
2-Fluorophenol
Concen: 93.859 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117248.D
Acq: 25 Sep 2019 18:52

Tgt Ion:112 Resp: 218619
Ion Ratio Lower Upper
112 100
64 56.7 45.7 68.5
63 31.2 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: 99.196 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117248.D

Acq: 25 Sep 2019 18:52

Instrument :

BNA_F

ClientSampleId :

WALL-1

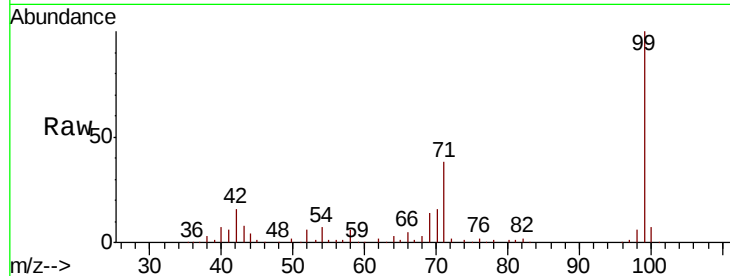
Tot Ion: 99 Resp: 298601

Ion Ratio Lower Upper

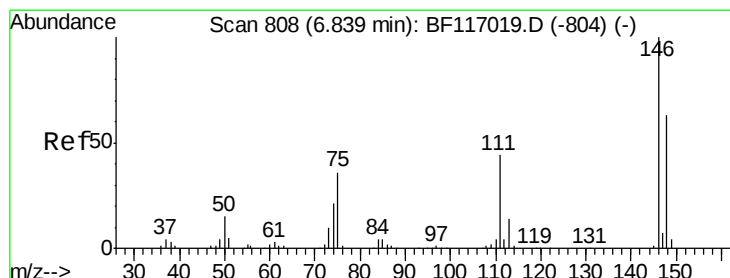
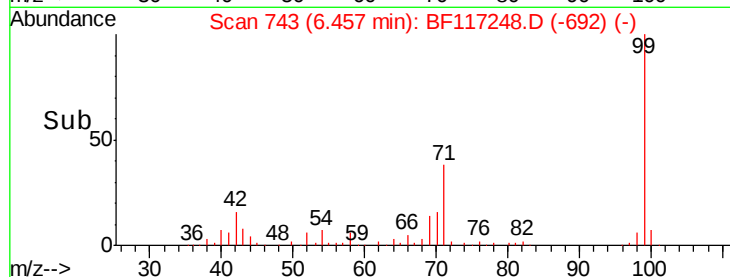
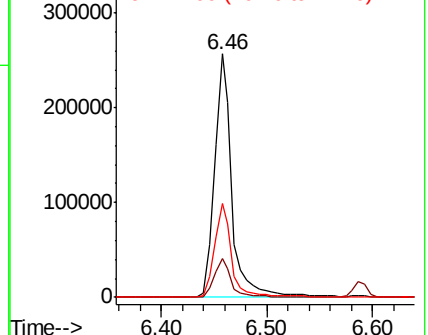
99 100

42 16.1 12.2 18.2

71 38.4 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



#13

1,4-Dichlorobenzene

Concen: 3.539 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF117248.D

Acq: 25 Sep 2019 18:52

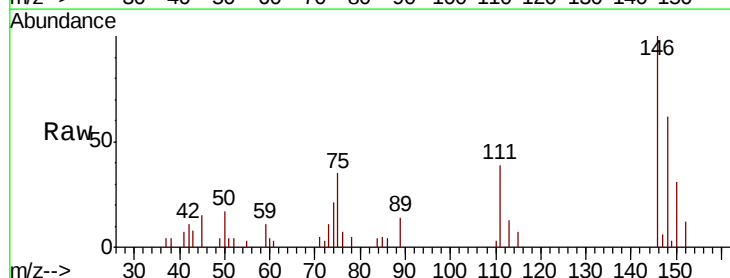
Tgt Ion: 146 Resp: 10184

Ion Ratio Lower Upper

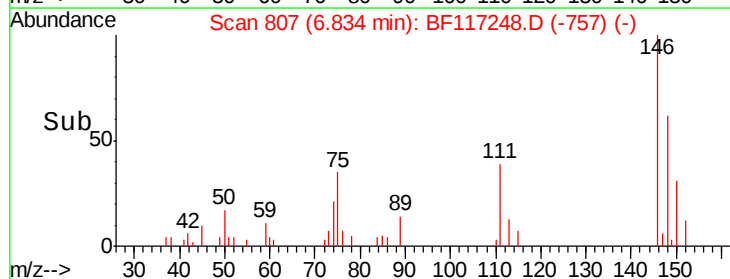
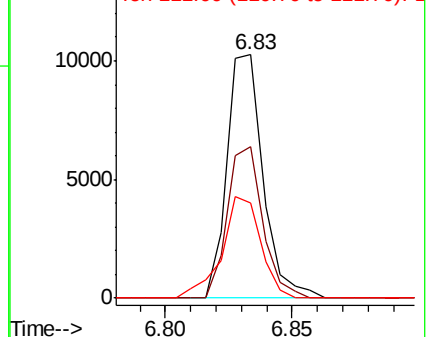
146 100

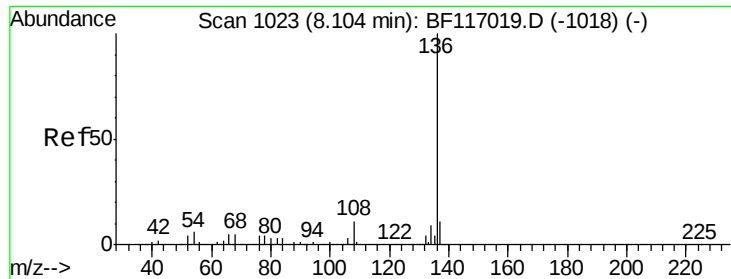
148 62.3 50.6 76.0

111 39.1 35.0 52.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

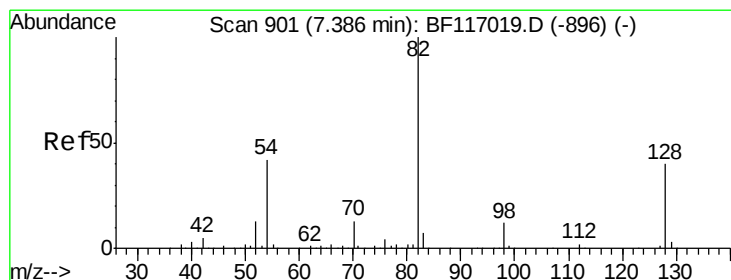
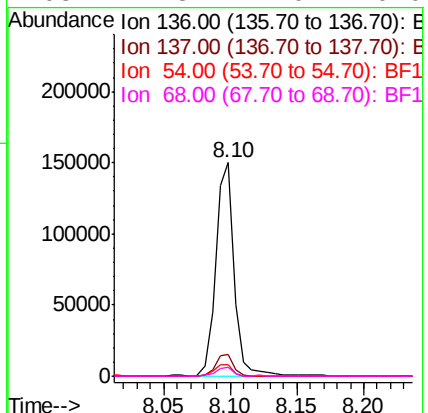
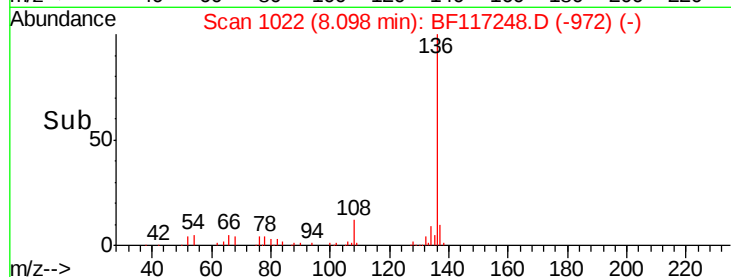
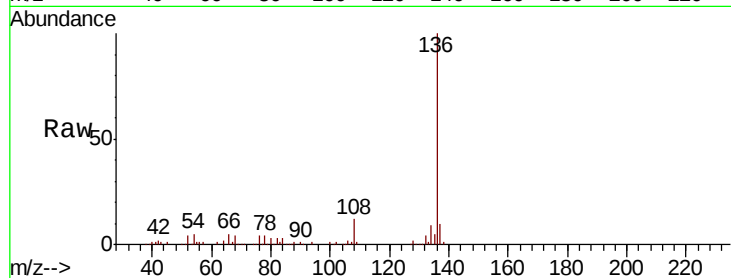




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117248.D
Acq: 25 Sep 2019 18:52

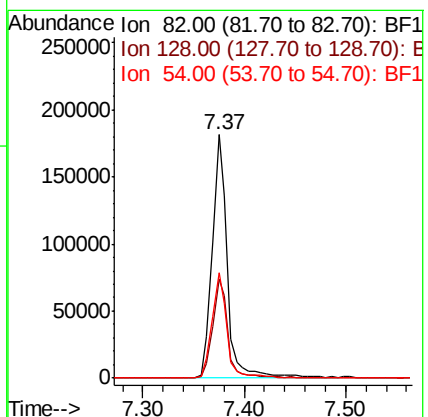
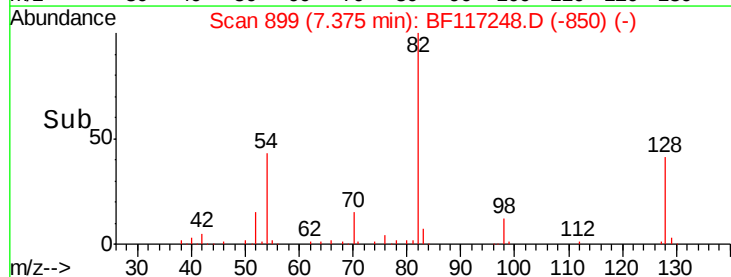
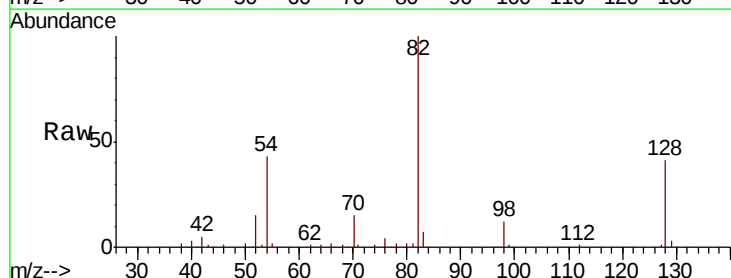
Instrument :
BNA_F
ClientSampleId :
WALL-1

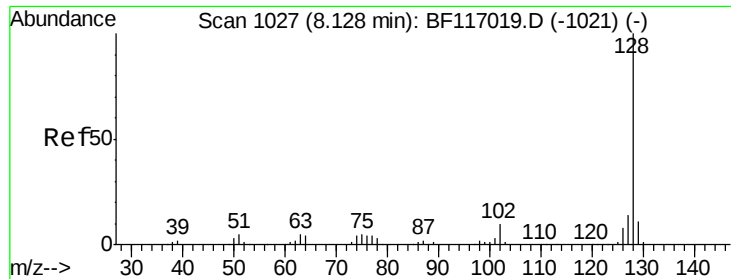
Tot Ion:136	Resp:	145600
Ion	Ratio	Lower Upper
136	100	
137	10.4	9.0 13.4
54	5.3	4.5 6.7
68	4.3	4.0 6.0



#23
Nitrobenzene-d5
Concen: 68.244 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117248.D
Acq: 25 Sep 2019 18:52

Tgt Ion: 82	Resp:	189111
Ion	Ratio	Lower Upper
82	100	
128	40.7	32.3 48.5
54	43.1	33.3 49.9

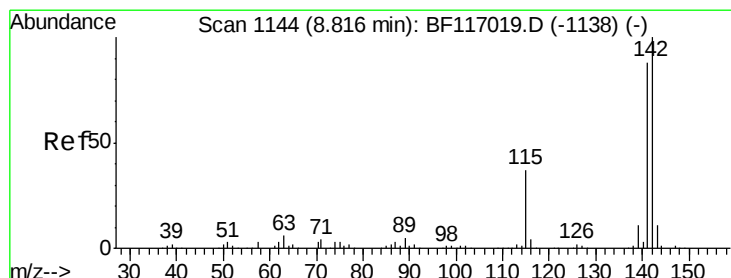
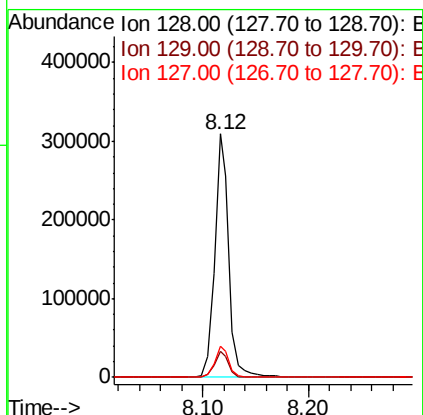
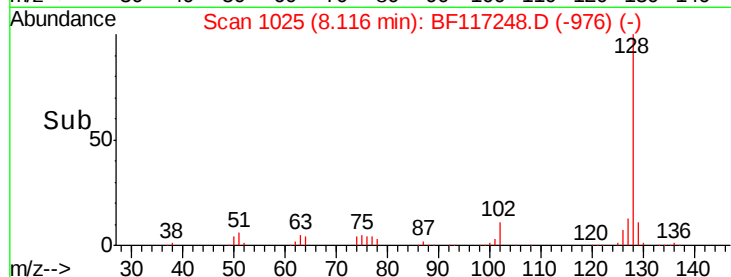
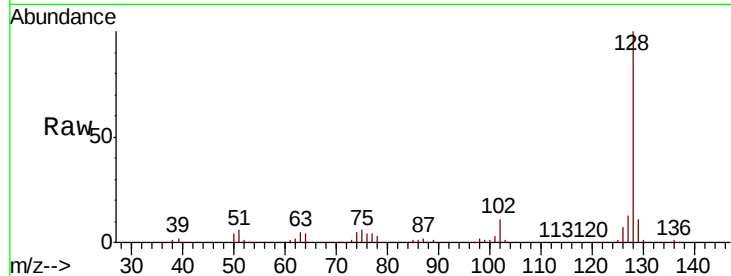




#31
Naphthalene
Concen: 41.979 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF117248.D
Acq: 25 Sep 2019 18:52

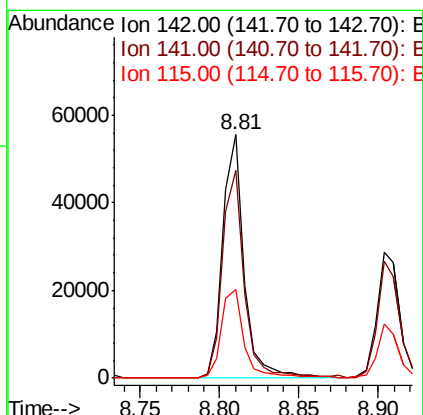
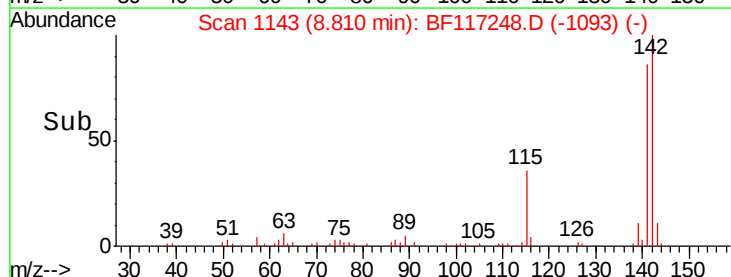
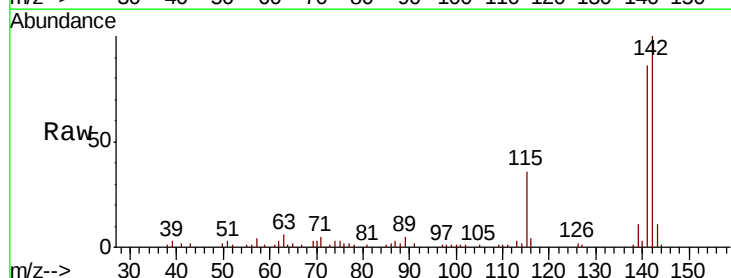
Instrument :
BNA_F
ClientSampleId :
WALL-1

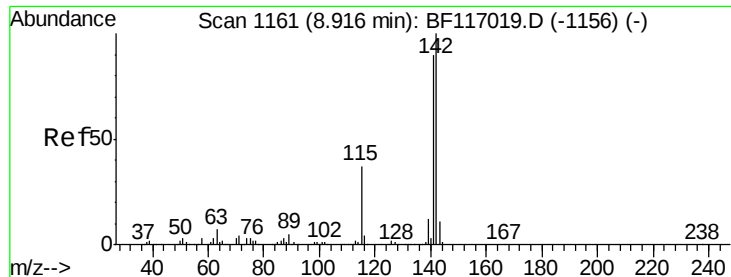
Tot Ion:128 Resp: 293959
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.7 10.8 16.2



#37
2-Methylnaphthalene
Concen: 11.030 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF117248.D
Acq: 25 Sep 2019 18:52

Tgt Ion:142 Resp: 52011
Ion Ratio Lower Upper
142 100
141 85.5 70.7 106.1
115 36.3 29.4 44.0

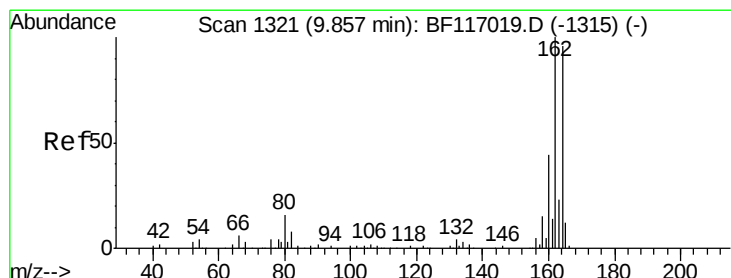
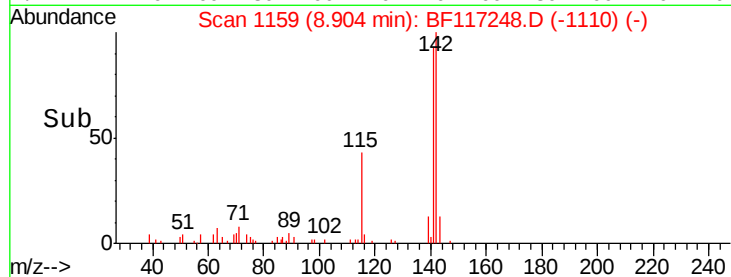
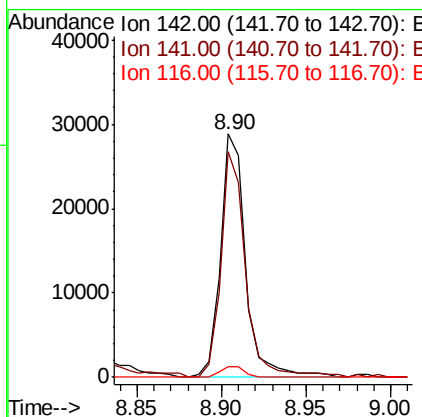
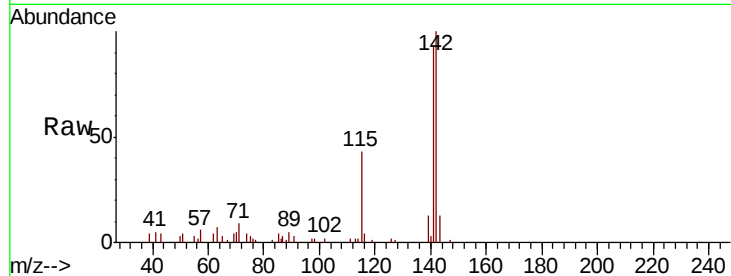




#38
1-Methylnaphthalene
Concen: 6.785 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF117248.D
Acq: 25 Sep 2019 18:52

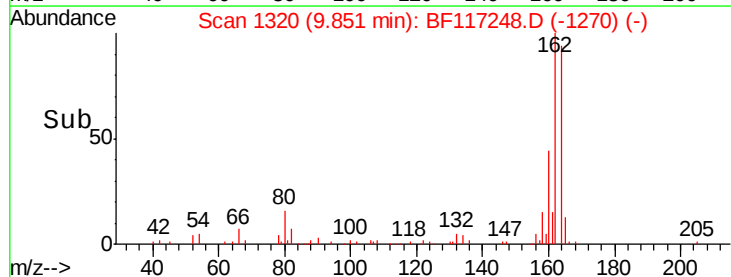
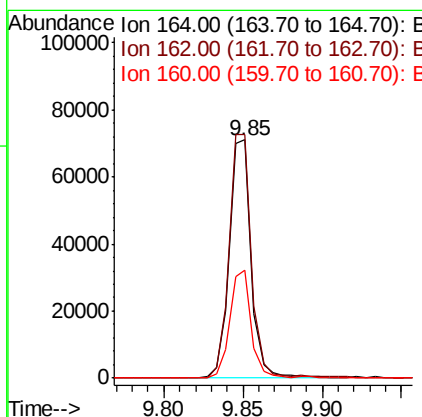
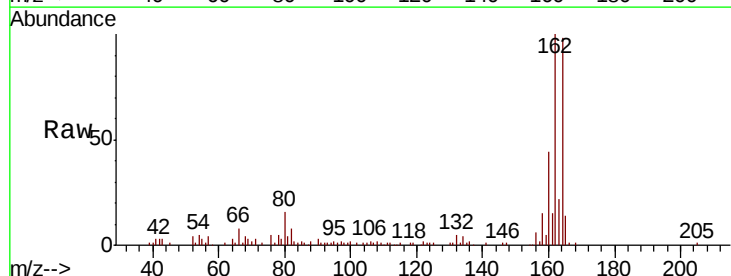
Instrument :
BNA_F
ClientSampleId :
WALL-1

Tot Ion:142 Resp: 29963
Ion Ratio Lower Upper
142 100
141 92.5 71.9 107.9
116 4.2 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117248.D
Acq: 25 Sep 2019 18:52

Tgt Ion:164 Resp: 67954
Ion Ratio Lower Upper
164 100
162 102.3 83.4 125.2
160 45.1 36.4 54.6

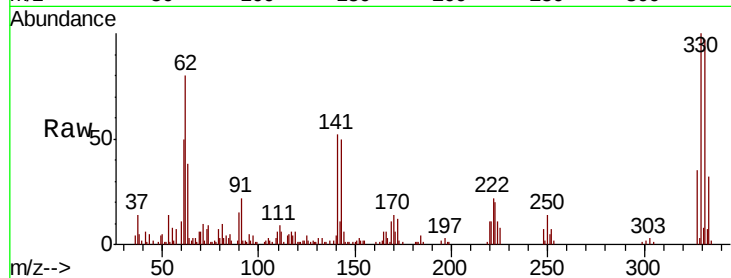




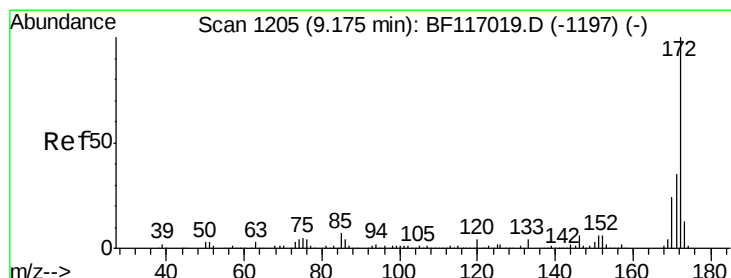
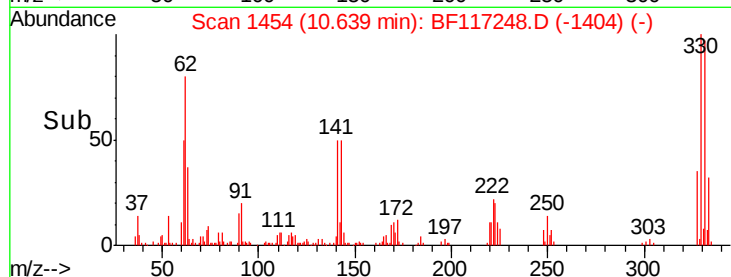
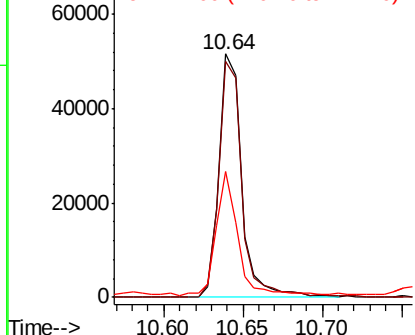
#42
 2,4,6-Tribromophenol
 Concen: 90.665 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117248.D
 Acq: 25 Sep 2019 18:52

Instrument :
 BNA_F
 ClientSampleId :
 WALL-1

Tot Ion:330 Resp: 51492
 Ion Ratio Lower Upper
 330 100
 332 99.1 78.0 117.0
 141 47.6 35.8 53.6

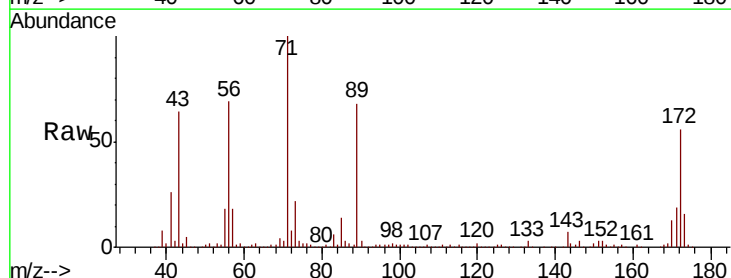


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

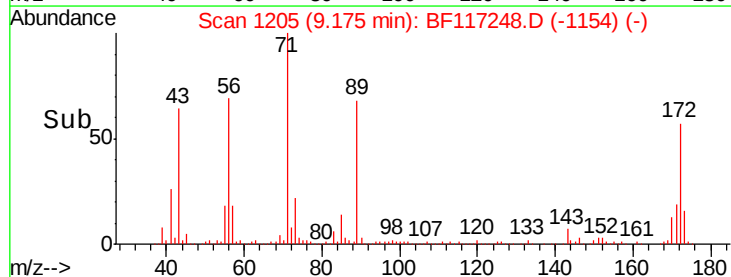
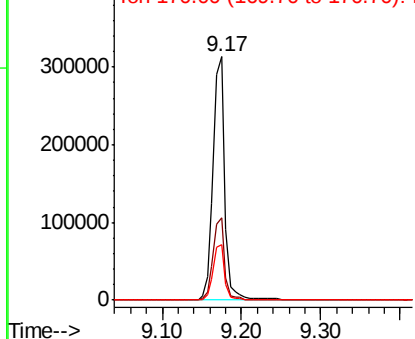


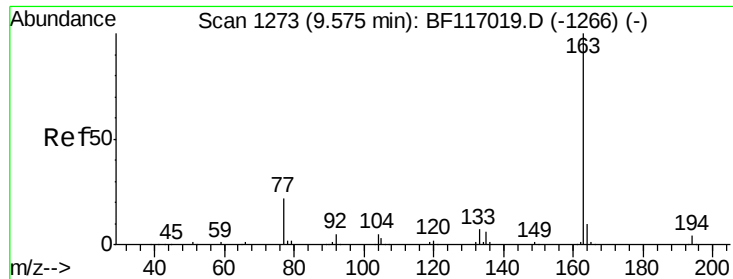
#45
 2-Fluorobiphenyl
 Concen: 74.197 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117248.D
 Acq: 25 Sep 2019 18:52

Tgt Ion:172 Resp: 322467
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.2 42.2
 170 22.7 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

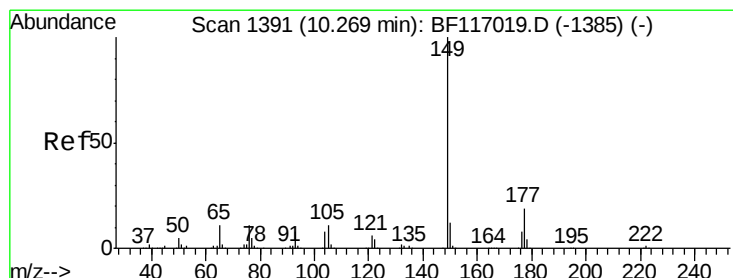
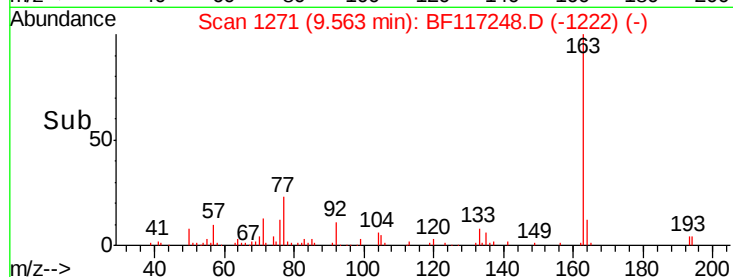
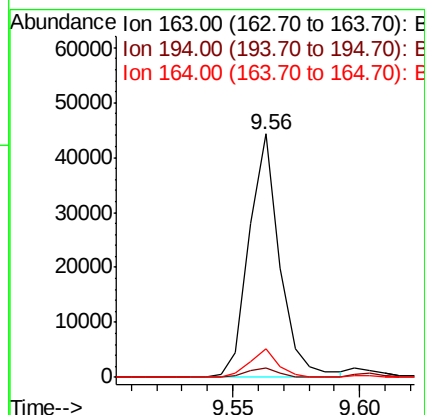
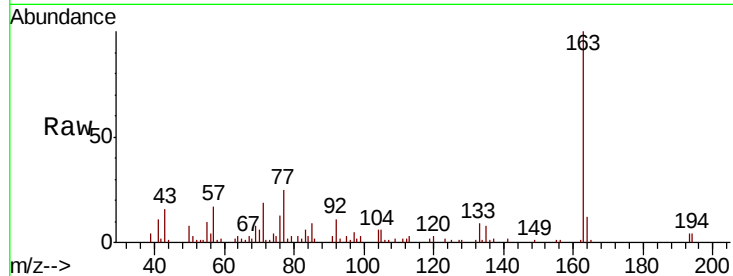




#50
Dimethylphthalate
Concen: 7.817 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117248.D
Acq: 25 Sep 2019 18:52

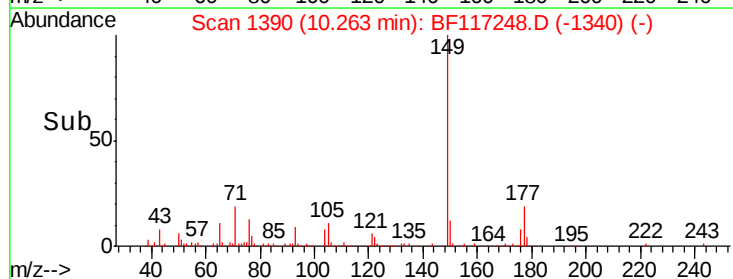
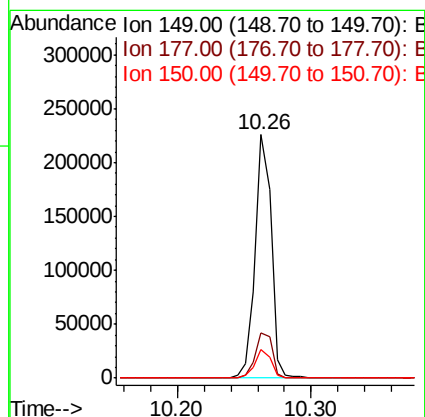
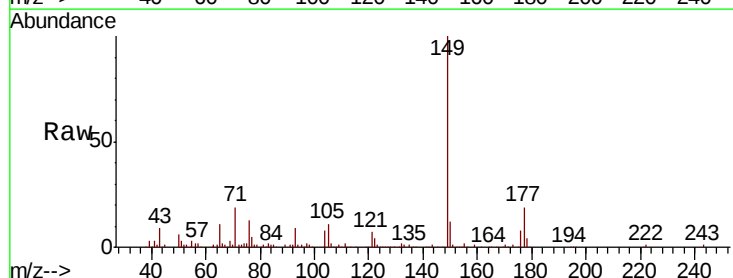
Instrument :
BNA_F
ClientSampleId :
WALL-1

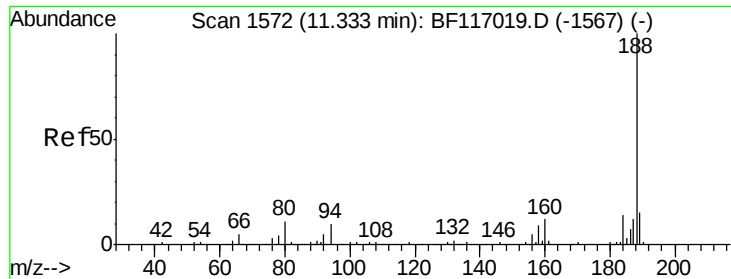
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.9	4.3
164	11.9	8.2	12.4



#60
Diethylphthalate
Concen: 39.081 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF117248.D
Acq: 25 Sep 2019 18:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	18.7	15.2	22.8
150	12.0	9.9	14.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117248.D

Acq: 25 Sep 2019 18:52

Instrument :

BNA_F

ClientSampleId :

WALL-1

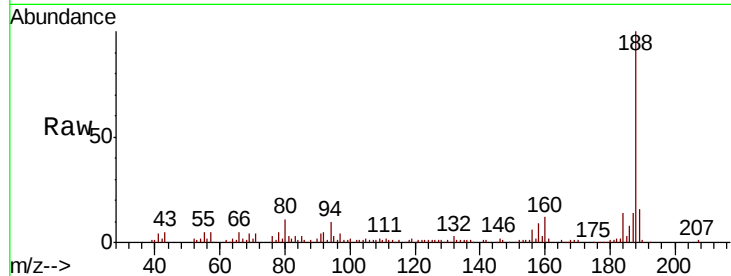
Tot Ion:188 Resp: 94310

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

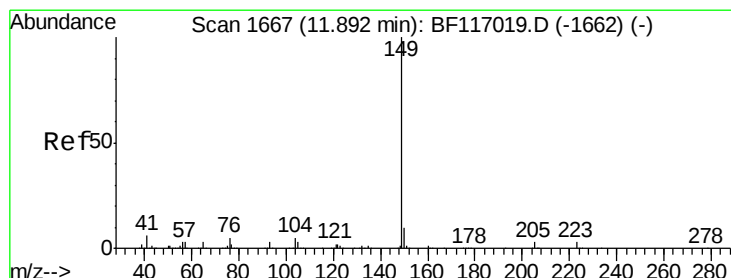
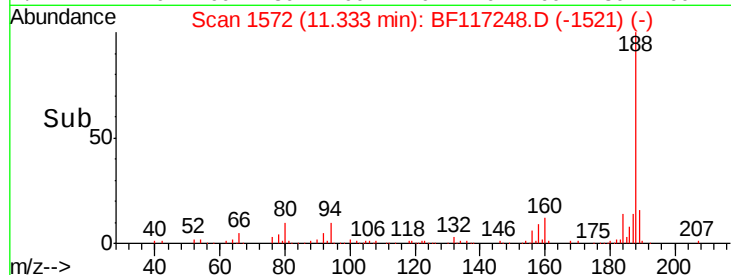
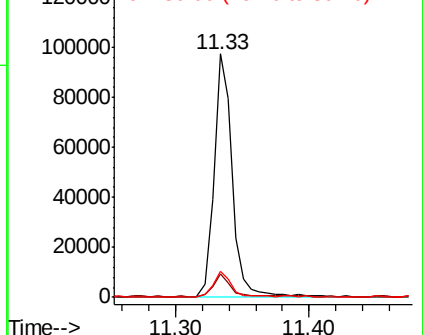
80 10.5 9.0 13.6



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



#74

Di-n-butylphthalate

Concen: 18.434 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF117248.D

Acq: 25 Sep 2019 18:52

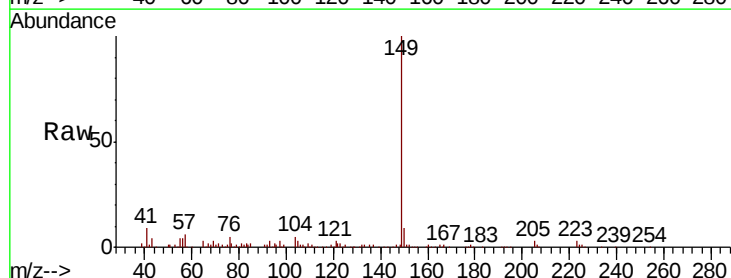
Tgt Ion:149 Resp: 113850

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

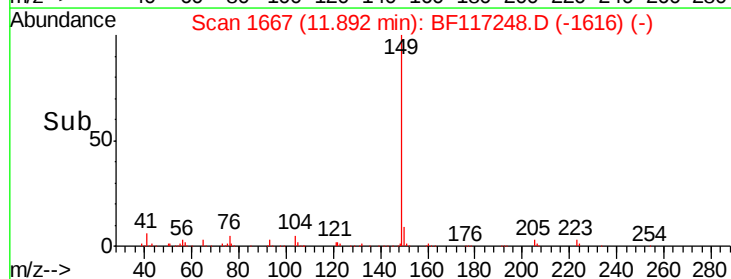
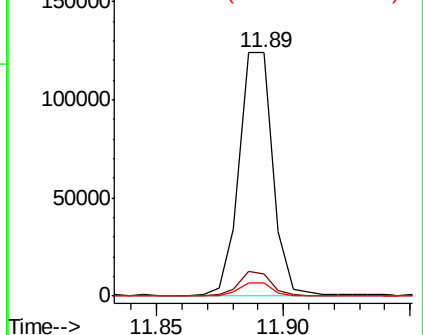
104 5.2 4.2 6.4

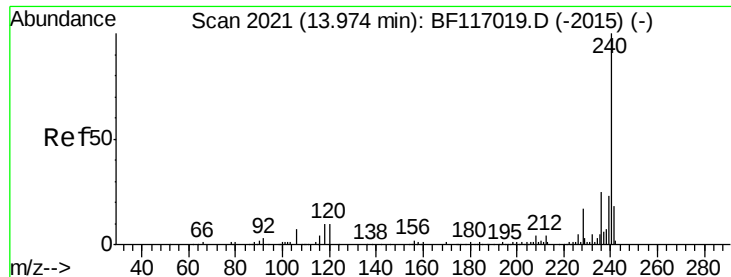


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF117248.D

Acq: 25 Sep 2019 18:52

Instrument :

BNA_F

ClientSampleId :

WALL-1

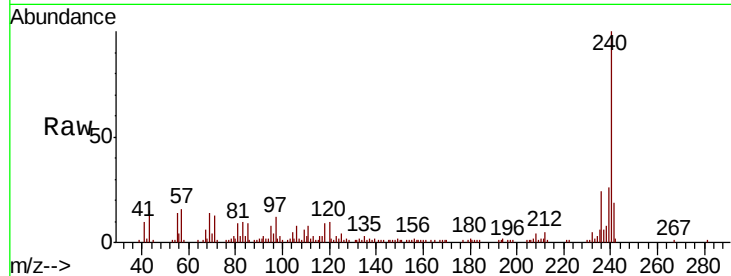
Tot Ion:240 Resp: 59930

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

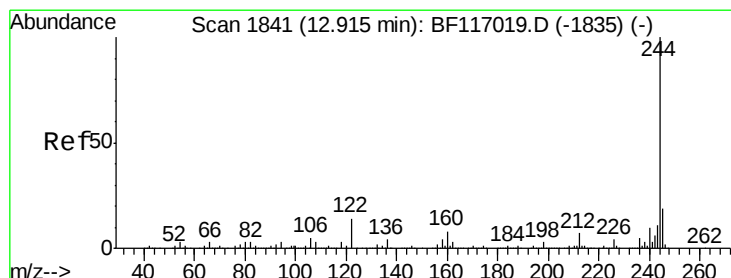
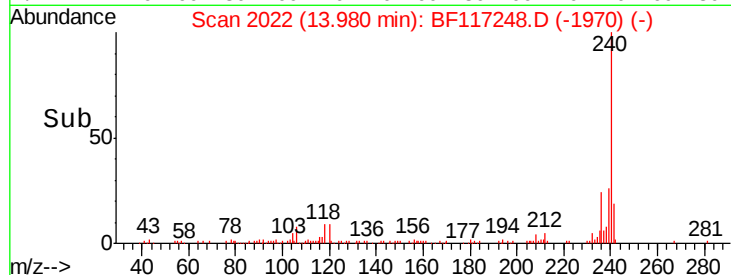
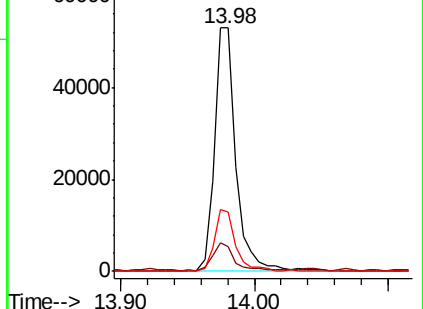
236 24.2 20.3 30.5



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: 75.037 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117248.D

Acq: 25 Sep 2019 18:52

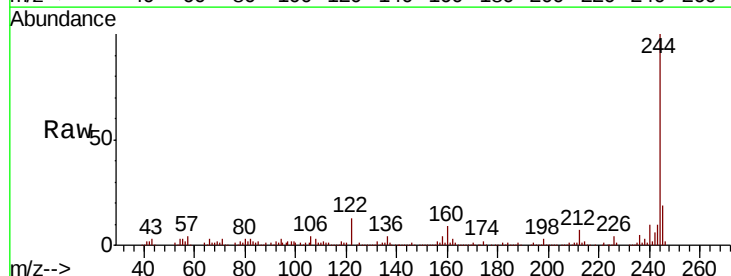
Tgt Ion:244 Resp: 240581

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

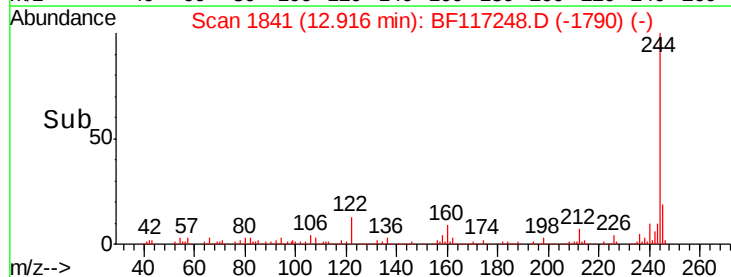
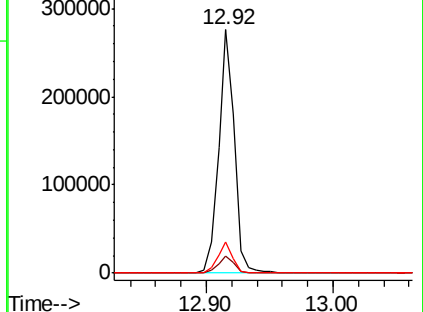
122 13.0 11.3 16.9

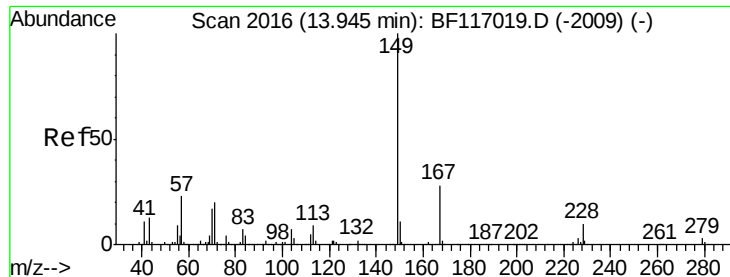


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.285 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF117248.D

Acq: 25 Sep 2019 18:52

Instrument :

BNA_F

ClientSampleId :

WALL-1

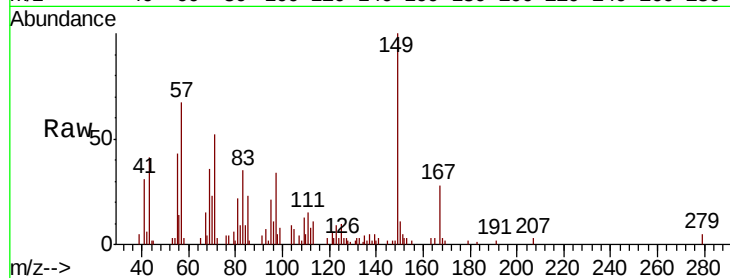
Tot Ion:149 Resp: 19256

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

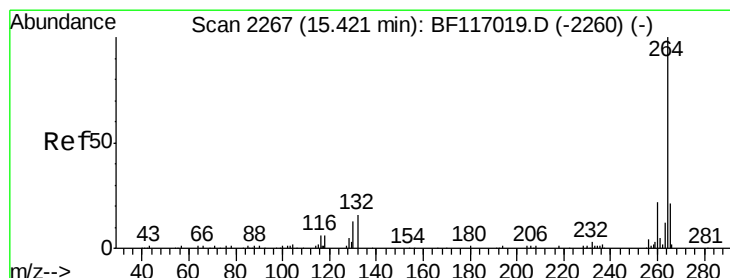
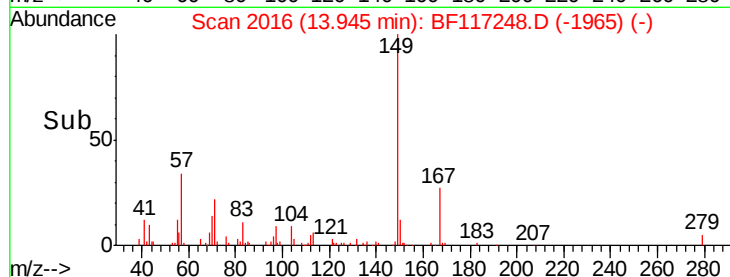
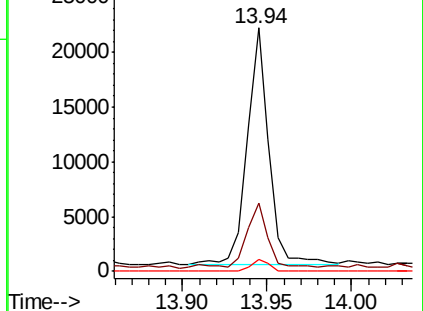
279 4.9 2.8 4.2#



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: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF117248.D

Acq: 25 Sep 2019 18:52

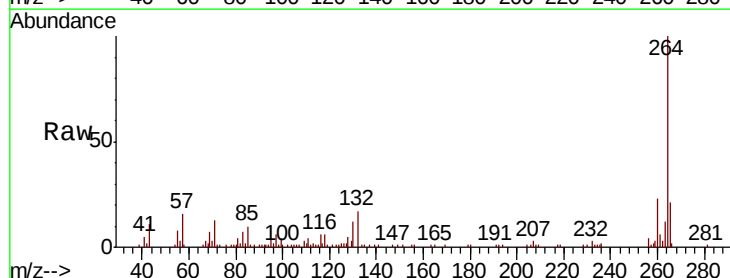
Tgt Ion:264 Resp: 67234

Ion Ratio Lower Upper

264 100

260 22.5 17.6 26.4

265 21.4 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

