

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117850.D
 Acq On : 18 Nov 2019 22:08
 Operator : JU
 Sample : K5833-07 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 23:57:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

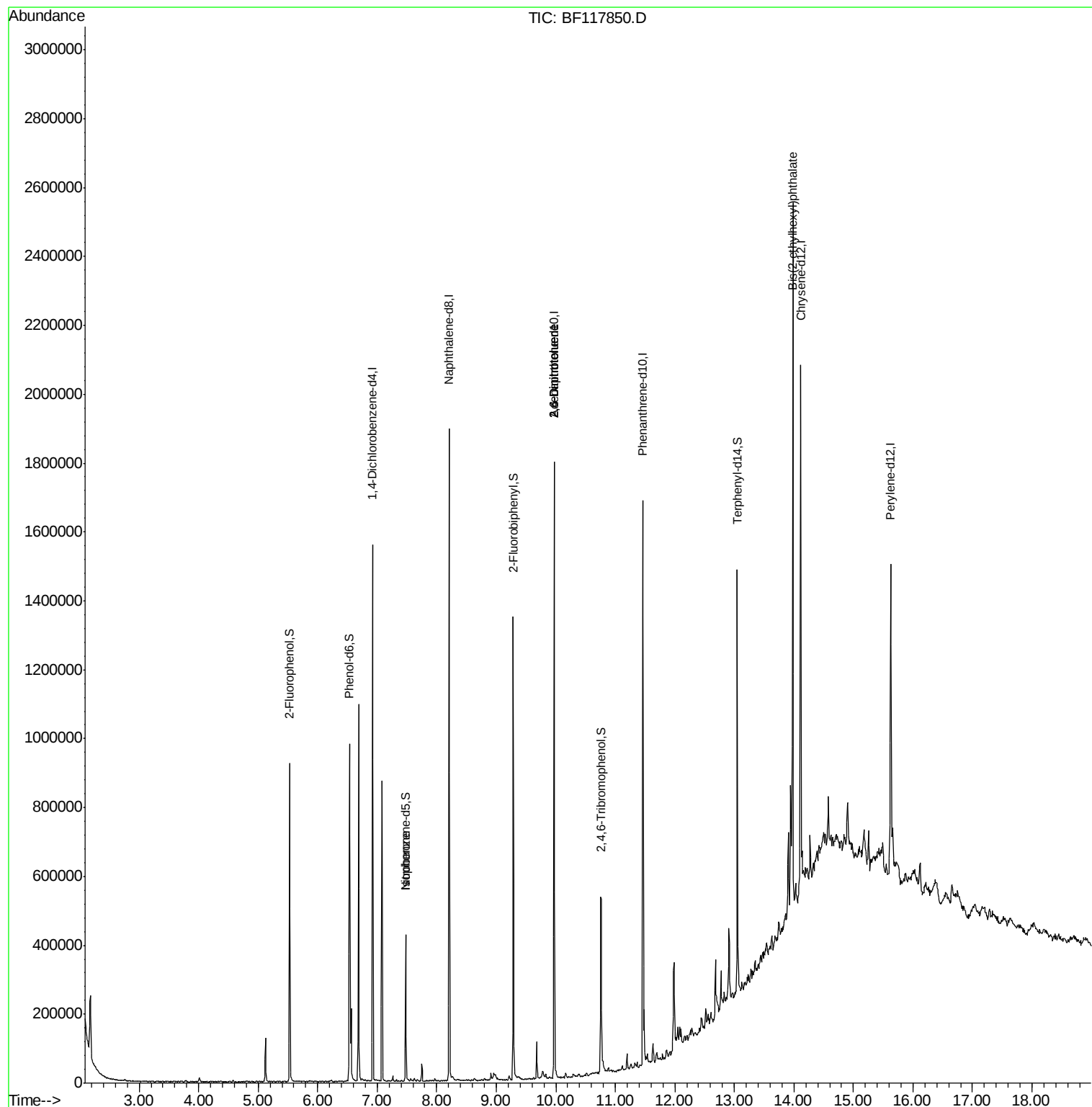
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	214385	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	770327	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	365800	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	599739	20.00	ng	0.00
76) Chrysene-d12	14.12	240	491988	20.00	ng	0.00
87) Perylene-d12	15.63	264	421431	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	236712	19.54	ng	0.00
7) Phenol-d6	6.53	99	310685	21.27	ng	-0.01
23) Nitrobenzene-d5	7.48	82	128954	9.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	66342	17.13	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	387852	19.02	ng	0.00
79) Terphenyl-d14	13.05	244	377669	14.03	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	770	Below Cal	Qvalue	
25) Isophorone	7.48	82	128951	5.429 ng	#	1
51) 2,6-Dinitrotoluene	9.97	165	47379	8.451 ng	#	62
57) 2,4-Dinitrotoluene	9.97	165	47379	6.644 ng	#	23
75) Fluoranthene	12.68	202	55316	Below Cal	#	24
84) Bis(2-ethylhexyl)phthalate	13.98	149	494858	23.902 ng	#	99
					#	53

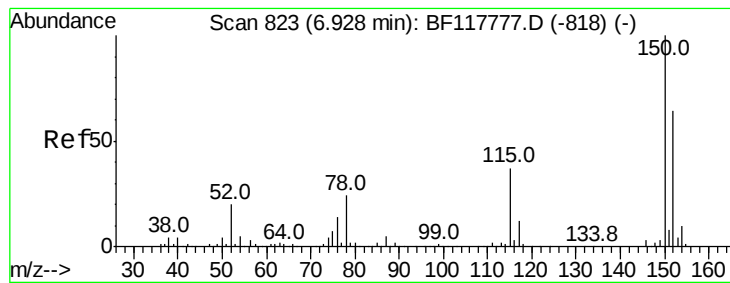
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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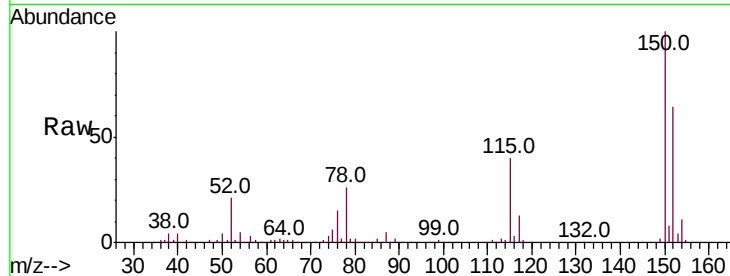


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117850.D
Acq: 18 Nov 2019 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.3	187.9
115	62.0	47.0	70.4

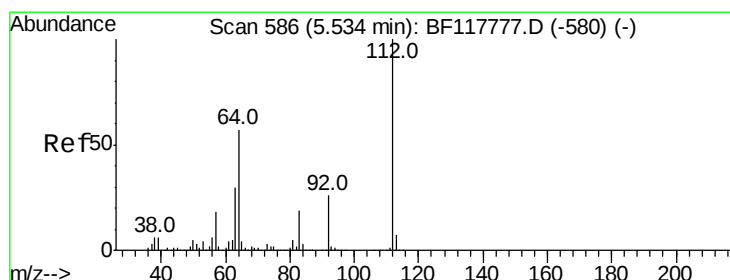
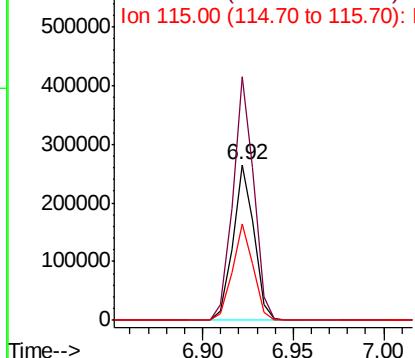
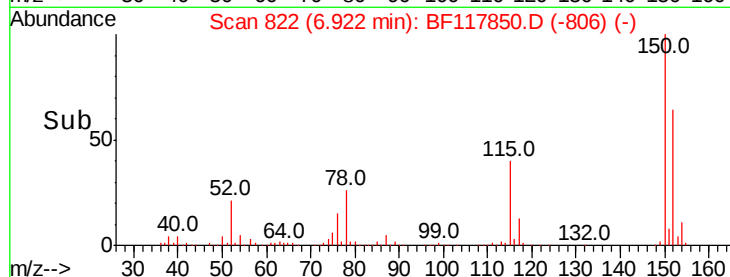


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

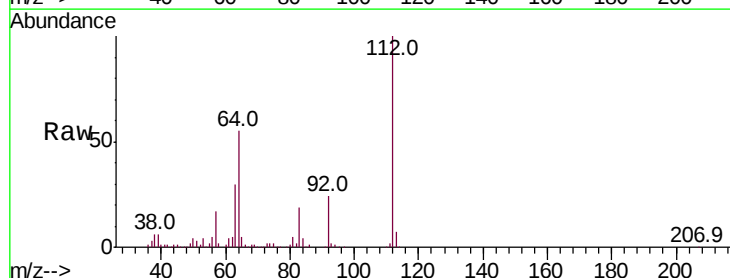
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 19.545 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117850.D
Acq: 18 Nov 2019 22:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	45.6	68.4
63	30.0	24.1	36.1

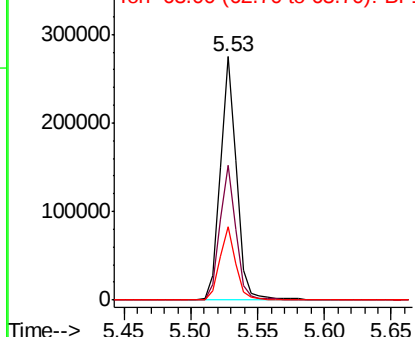
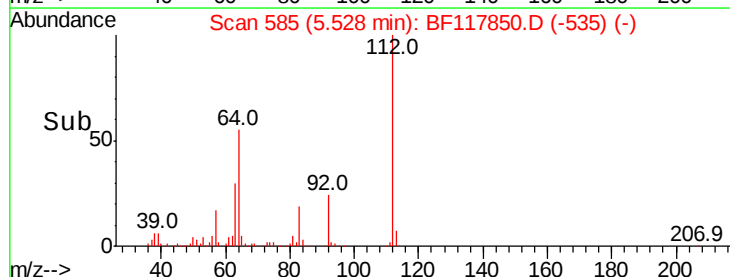


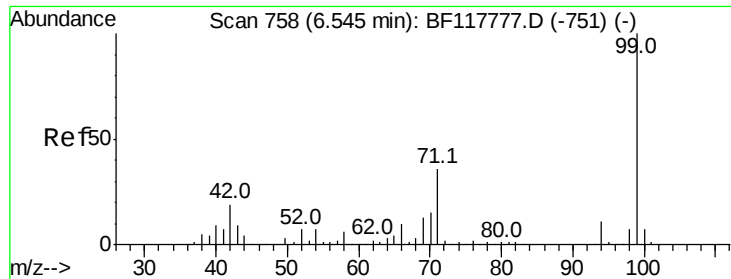
Abundance

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: 21.268 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117850.D

Acq: 18 Nov 2019 22:08

Instrument :

BNA_F

ClientSampleId :

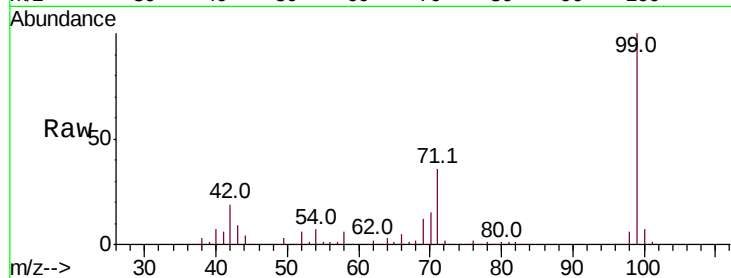
Tot Ion: 99 Resp: 310685

Ion Ratio Lower Upper

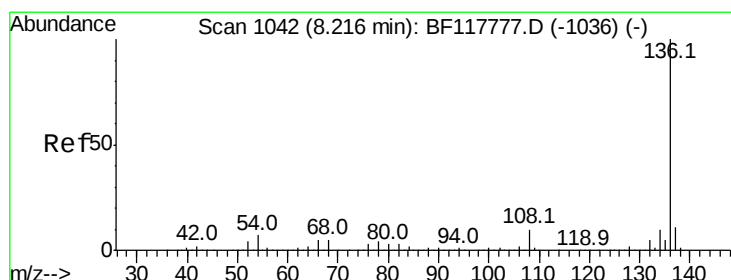
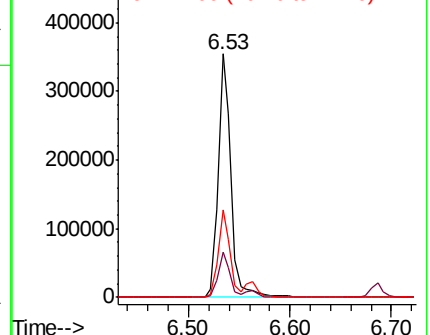
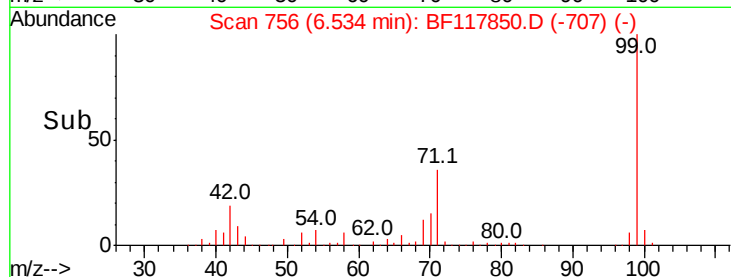
99 100

42 18.6 14.9 22.3

71 35.8 28.6 43.0



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: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117850.D

Acq: 18 Nov 2019 22:08

Tgt Ion: 136 Resp: 770327

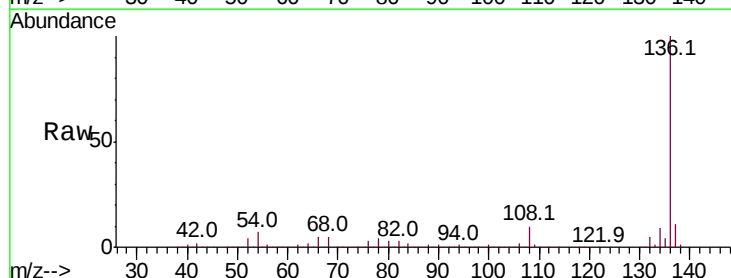
Ion Ratio Lower Upper

136 100

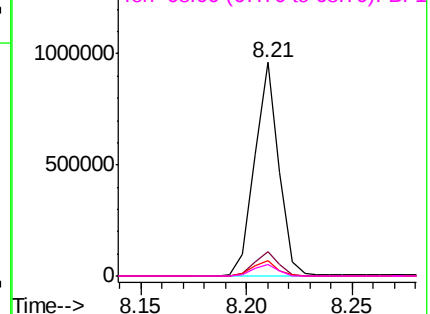
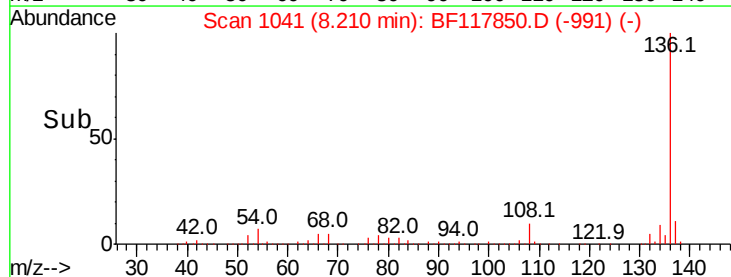
137 11.2 9.0 13.4

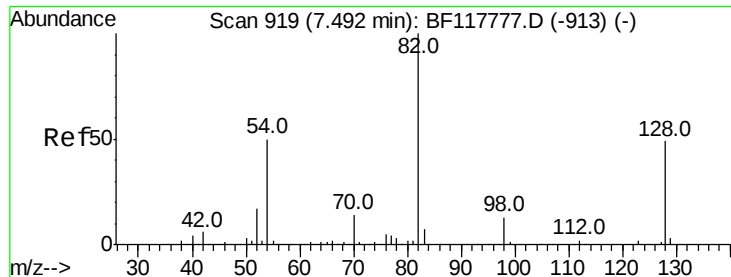
54 7.0 5.4 8.2

68 5.1 4.3 6.5



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

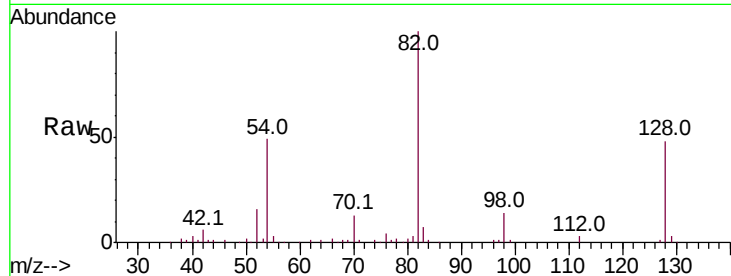




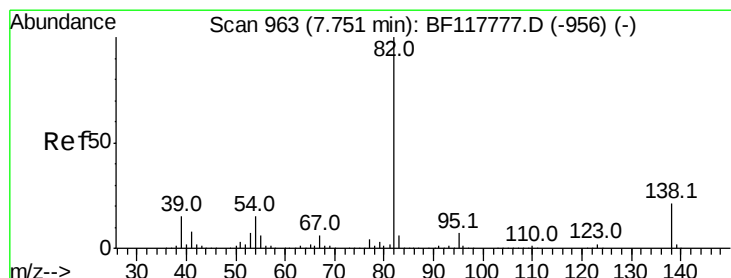
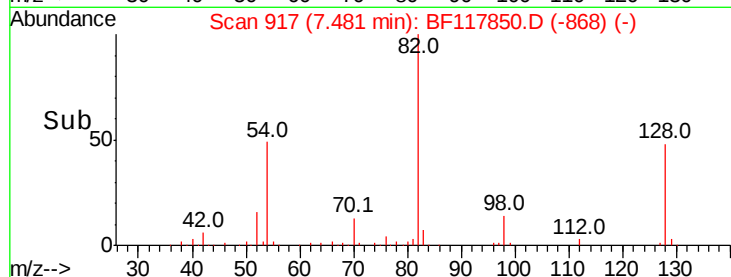
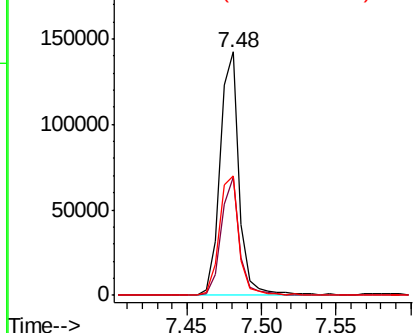
#23
Nitrobenzene-d5
Concen: 9.951 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117850.D
Acq: 18 Nov 2019 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.3	38.9	58.3
54	49.1	39.8	59.6

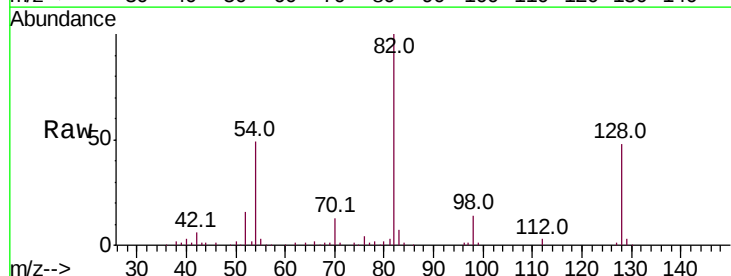


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

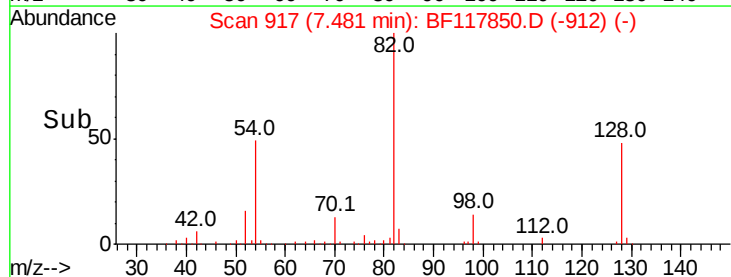
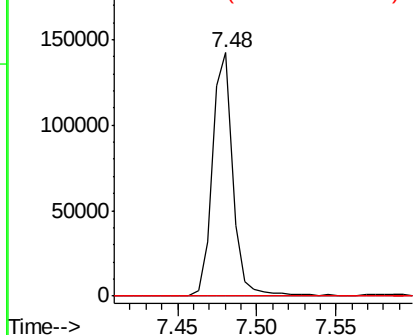


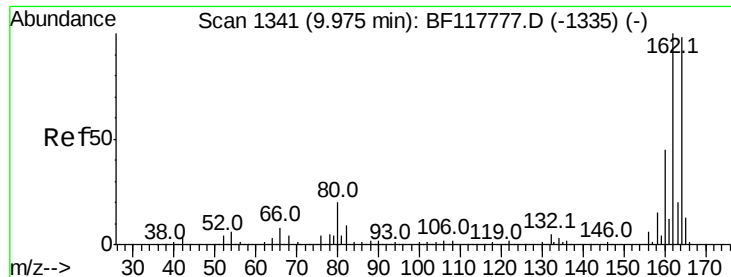
#25
Isophorone
Concen: 5.429 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117850.D
Acq: 18 Nov 2019 22:08

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	16.5	24.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

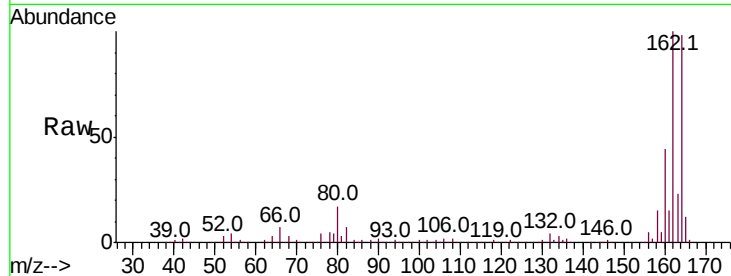




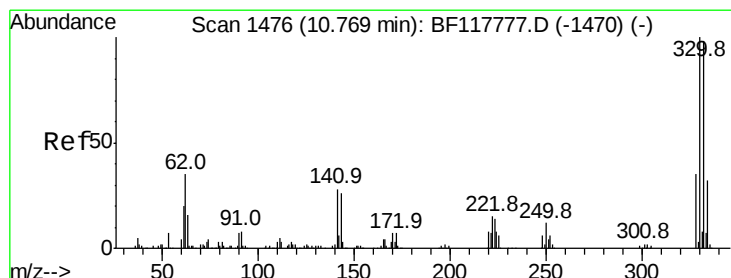
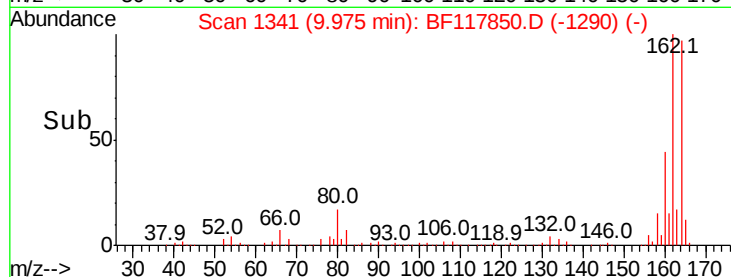
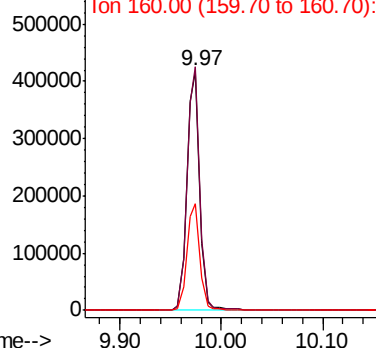
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117850.D
Acq: 18 Nov 2019 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 365800
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 44.8 36.6 55.0

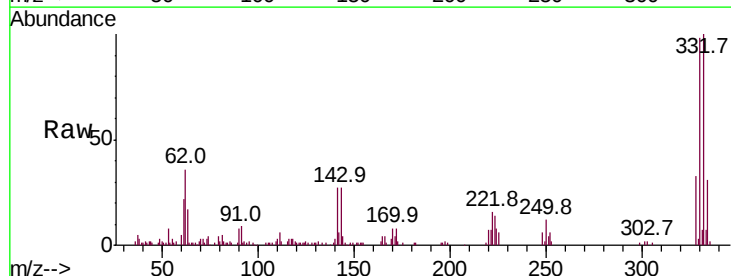


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

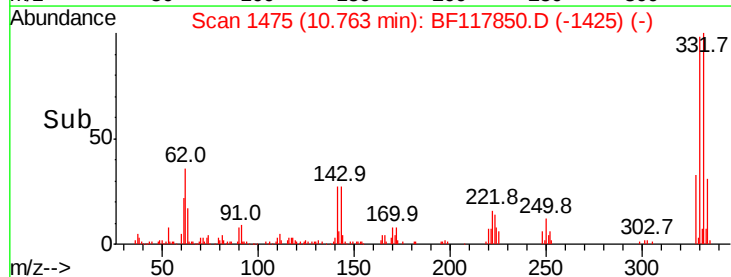
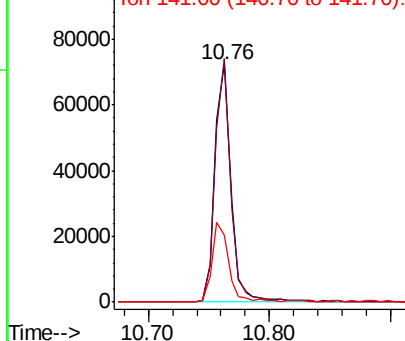


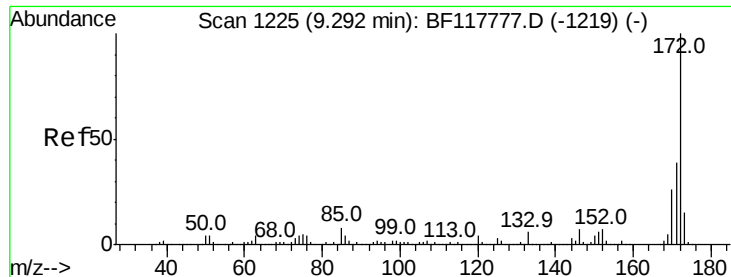
#42
2,4,6-Tribromophenol
Concen: 17.131 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117850.D
Acq: 18 Nov 2019 22:08

Tgt Ion:330 Resp: 66342
Ion Ratio Lower Upper
330 100
332 98.0 76.7 115.1
141 34.9 27.7 41.5



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: 19.022 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF117850.D

Acq: 18 Nov 2019 22:08

Instrument :

BNA_F

ClientSampleId :

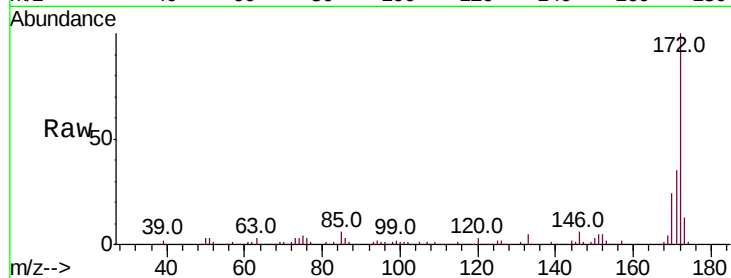
Tot Ion:172 Resp: 387852

Ion Ratio Lower Upper

172 100

171 35.1 30.9 46.3

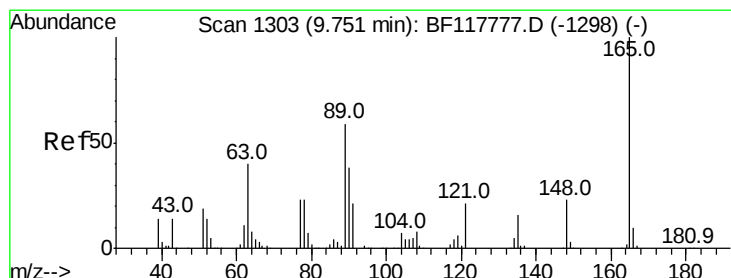
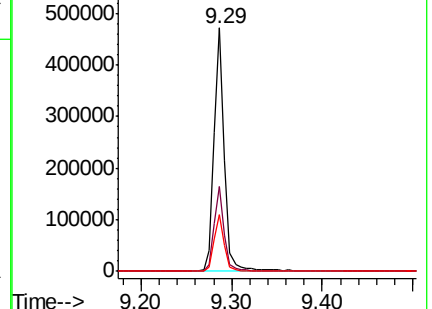
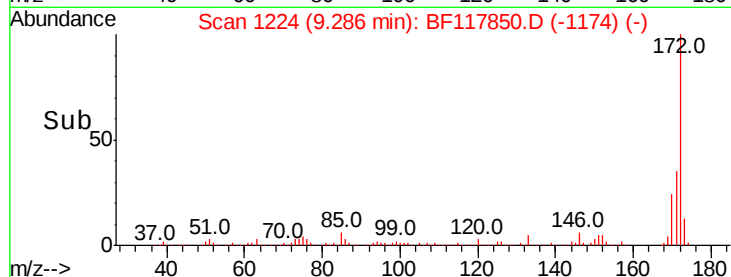
170 23.6 21.0 31.4



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



#51

2,6-Dinitrotoluene

Concen: 8.451 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.22 min

Lab File: BF117850.D

Acq: 18 Nov 2019 22:08

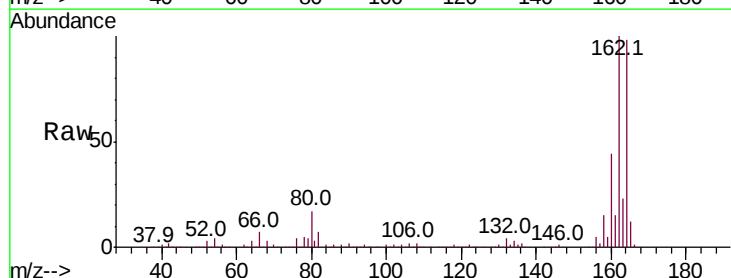
Tgt Ion:165 Resp: 47379

Ion Ratio Lower Upper

165 100

63 0.9 46.0 69.0#

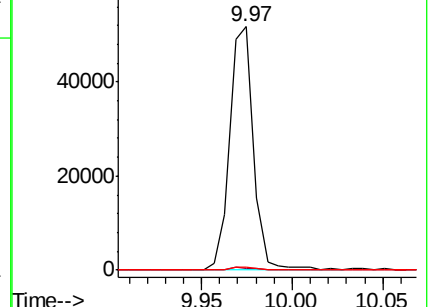
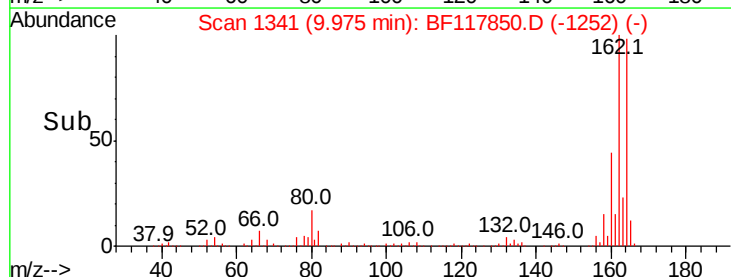
89 1.4 47.7 71.5#

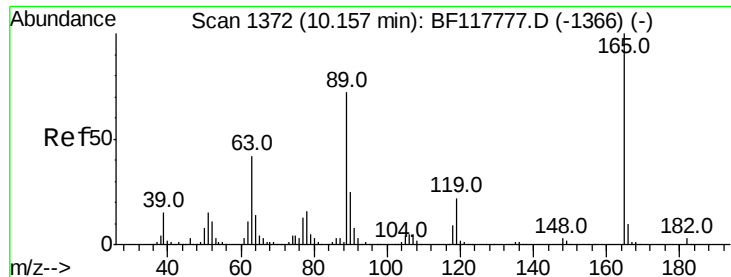


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.644 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.18 min

Lab File: BF117850.D

Acq: 18 Nov 2019 22:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 47379

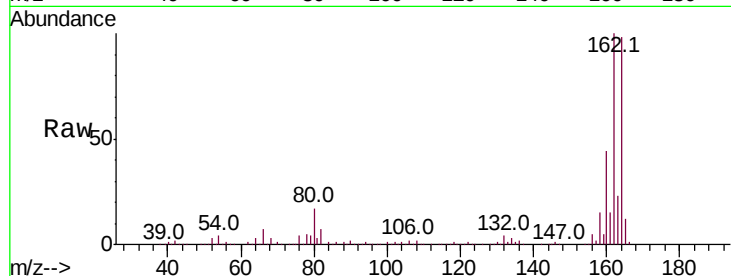
Ion Ratio Lower Upper

165 100

63 0.9 33.7 50.5#

89 1.4 57.3 85.9#

182 0.0 2.3 3.5#

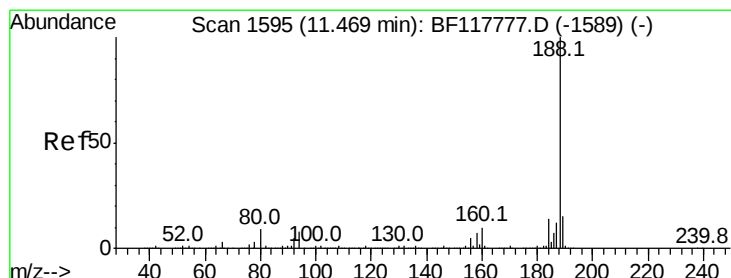
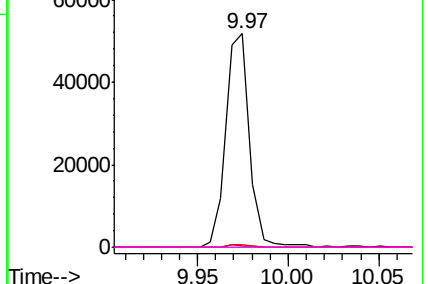
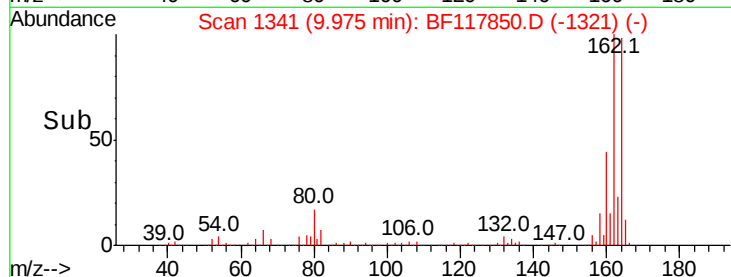


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF117850.D

Acq: 18 Nov 2019 22:08

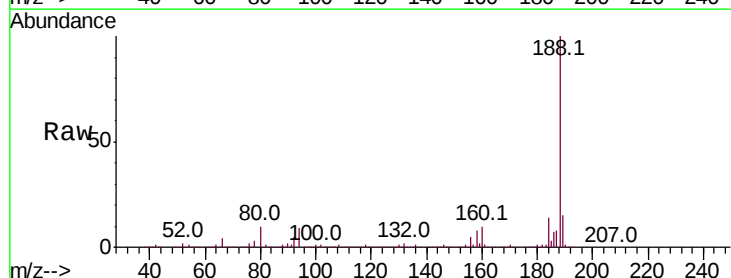
Tgt Ion:188 Resp: 599739

Ion Ratio Lower Upper

188 100

94 9.3 6.6 10.0

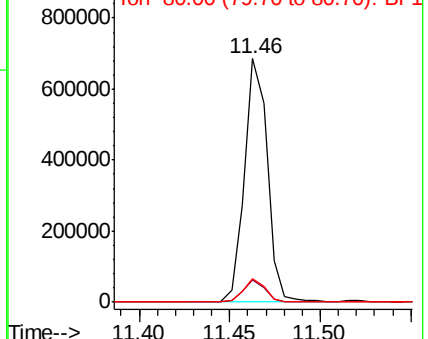
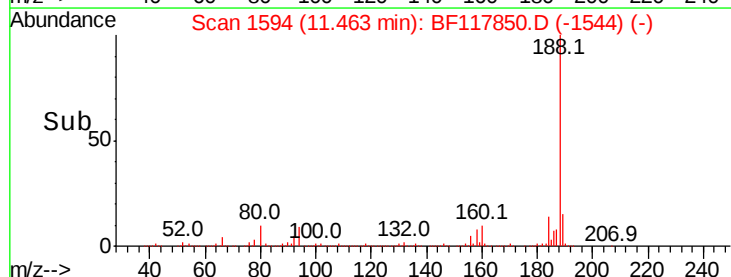
80 9.8 7.2 10.8

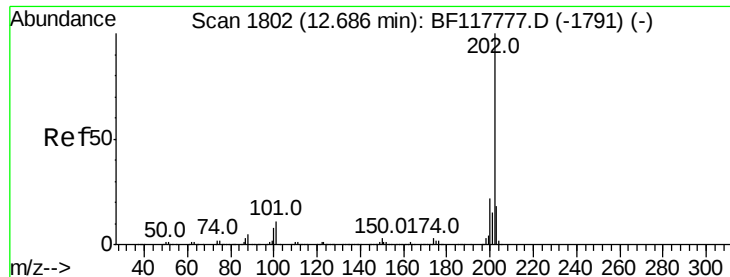


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: Below Cal

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF117850.D

Acq: 18 Nov 2019 22:08

Instrument :

BNA_F

ClientSampleId :

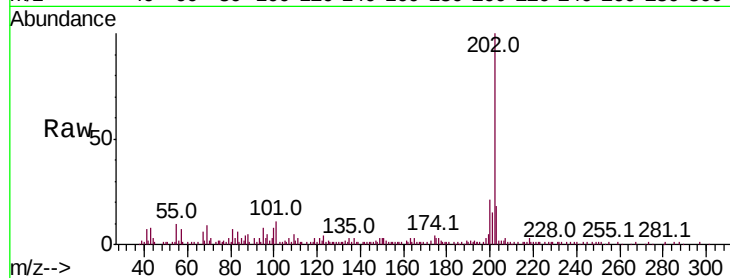
Tot Ion:202 Resp: 55316

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.1

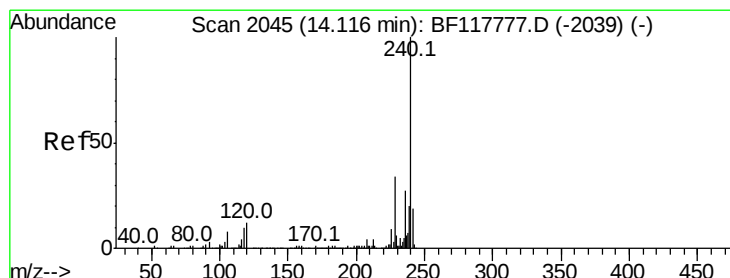
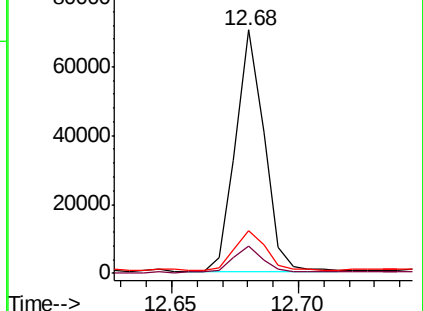
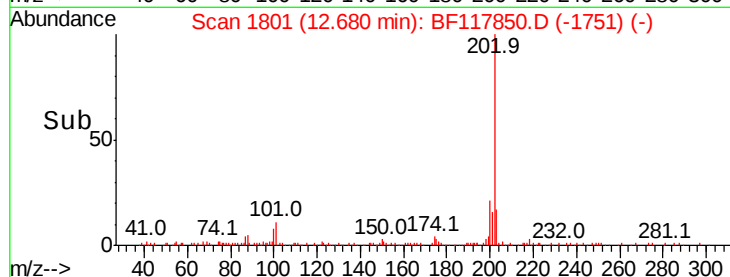
203 17.6 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BF117850.D

Acq: 18 Nov 2019 22:08

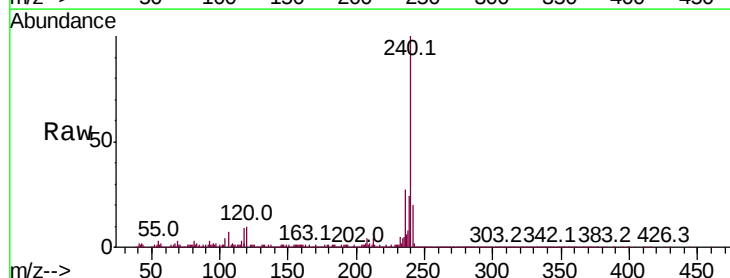
Tgt Ion:240 Resp: 491988

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

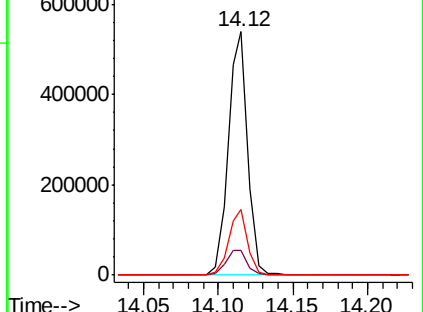
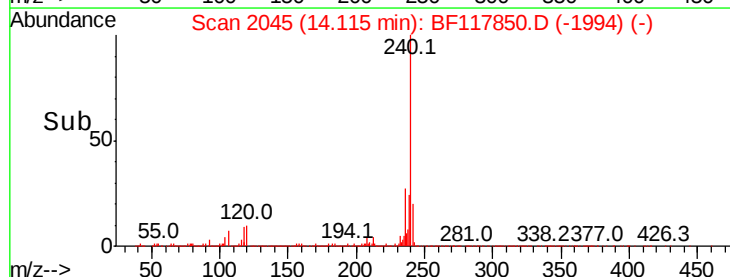
236 27.1 21.3 31.9

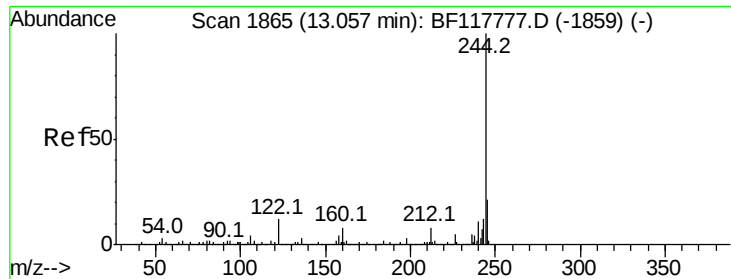


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 14.029 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117850.D

Acq: 18 Nov 2019 22:08

Instrument :

BNA_F

ClientSampleId :

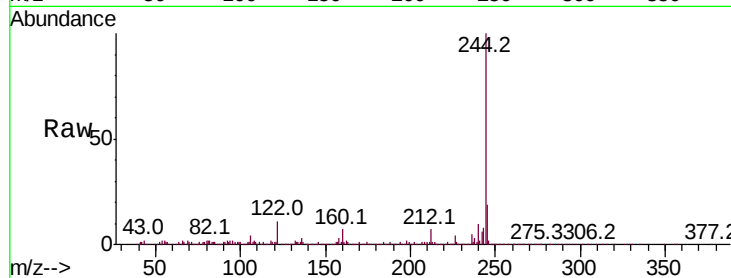
Tot Ion:244 Resp: 377669

Ion Ratio Lower Upper

244 100

212 6.7 6.3 9.5

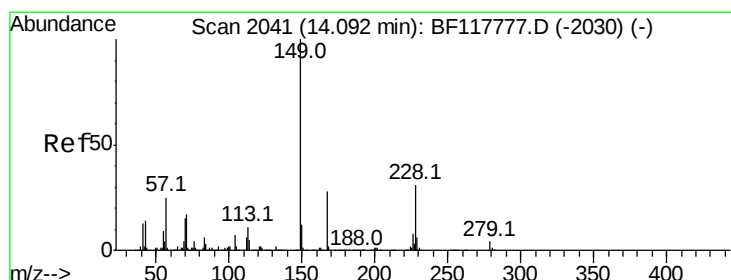
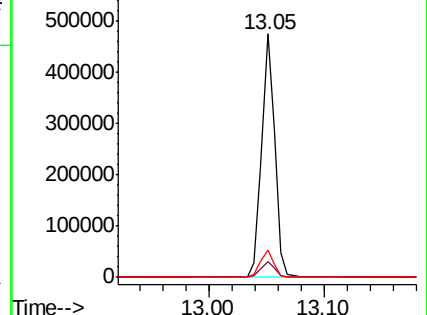
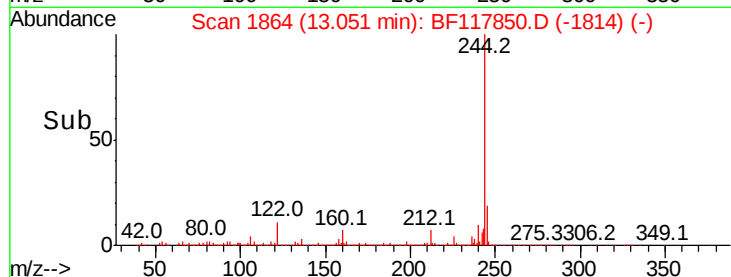
122 11.0 9.4 14.2



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: 23.902 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.11 min

Lab File: BF117850.D

Acq: 18 Nov 2019 22:08

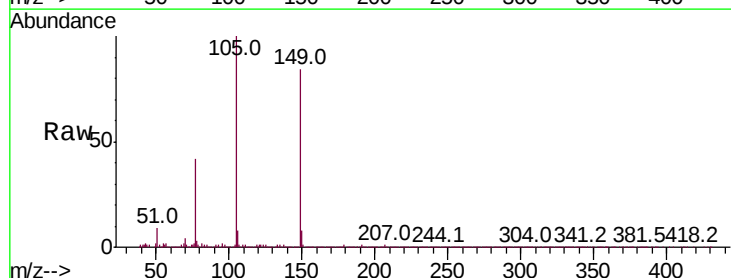
Tgt Ion:149 Resp: 494858

Ion Ratio Lower Upper

149 100

167 0.2 22.2 33.2#

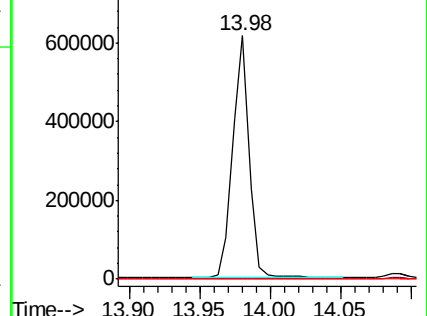
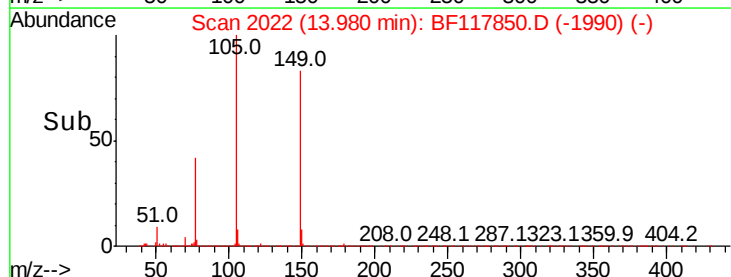
279 0.1 3.4 5.2#

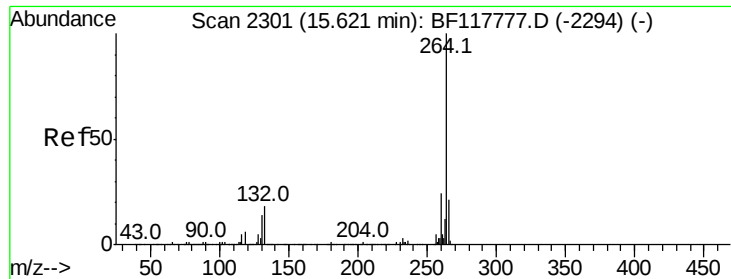


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

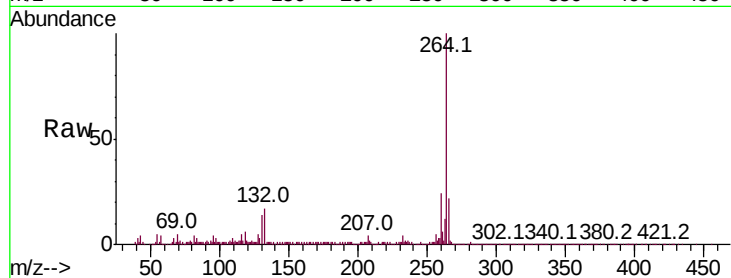




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF117850.D
Acq: 18 Nov 2019 22:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.6	17.1	25.7



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

