

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117835.D
 Acq On : 18 Nov 2019 15:13
 Operator : JU
 Sample : K5822-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 15:49:09 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	235072	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	899700	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	481280	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	902928	20.00	ng	0.00
76) Chrysene-d12	14.11	240	690849	20.00	ng	0.00
87) Perylene-d12	15.62	264	647036	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1219108	91.80	ng	0.00
7) Phenol-d6	6.53	99	1063193	66.38	ng	-0.01
23) Nitrobenzene-d5	7.48	82	1265852	83.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	655532	128.66	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2337021	87.12	ng	0.00
79) Terphenyl-d14	13.06	244	2762095	73.07	ng	0.00

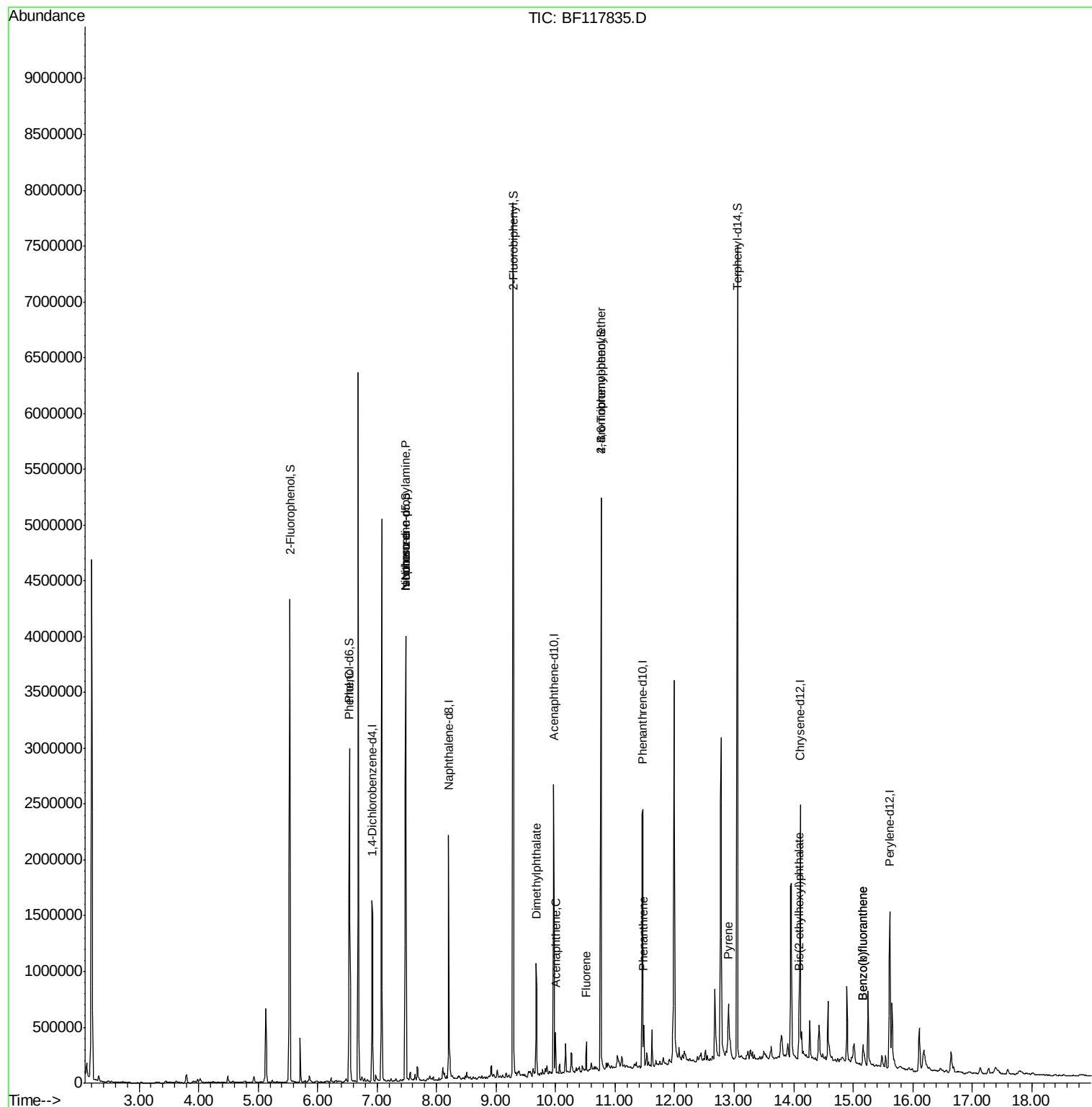
Target Compounds				Qvalue		
9) Benzaldehyde	6.46	77	2833	Below Cal		96
10) Phenol	6.55	94	270341	16.242 ng		98
19) n-Nitroso-di-n-propylamine	7.48	70	175670	17.777 ng	#	74
25) Isophorone	7.48	82	1263213	45.538 ng	#	62
50) Dimethylphthalate	9.67	163	381689	11.310 ng		98
52) Acenaphthene	10.00	154	70521	2.571 ng		99
58) Fluorene	10.52	166	67040	2.277 ng		99
67) 4-Bromophenyl-phenylether	10.76	248	42608	4.373 ng	#	1
71) Phenanthrene	11.48	178	158226	3.485 ng		98
75) Fluoranthene	12.68	202	183438	Below Cal		98
78) Pyrene	12.90	202	141642	2.537 ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	83524	2.873 ng		96
88) Benzo(b)fluoranthene	15.17	252	135913	3.233 ng		98
89) Benzo(k)fluoranthene	15.17	252	135913	3.431 ng	#	97

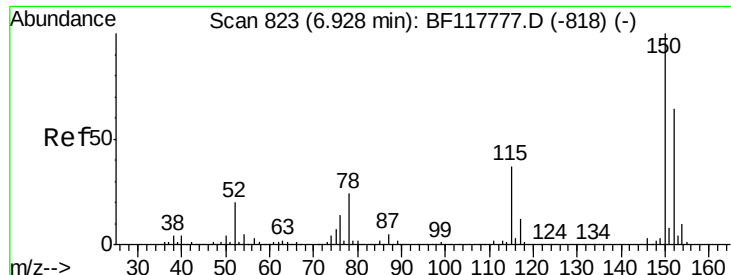
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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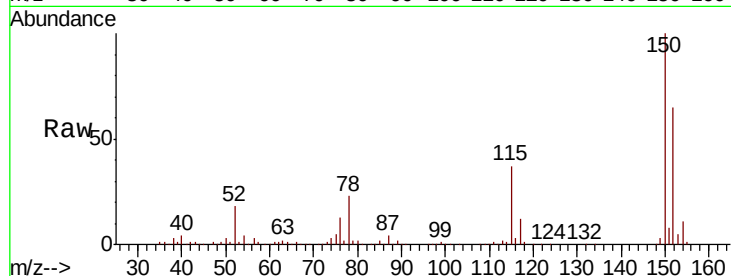


#1

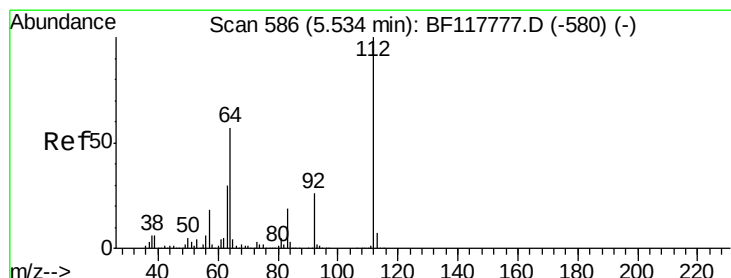
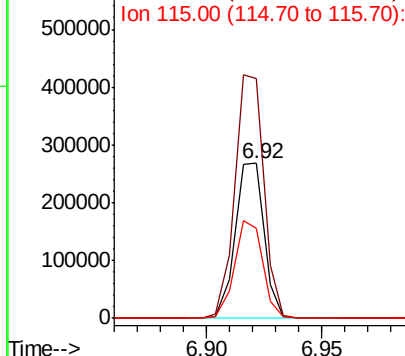
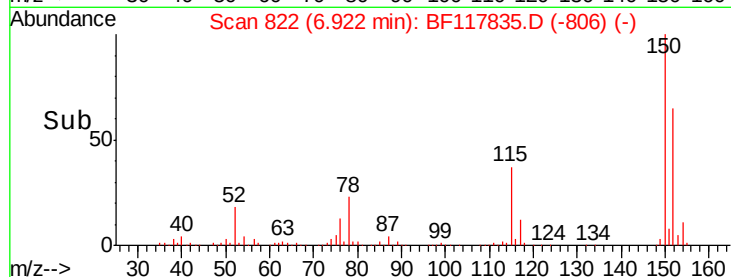
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 235072
Ion Ratio Lower Upper
152 100
150 154.4 125.3 187.9
115 57.7 47.0 70.4



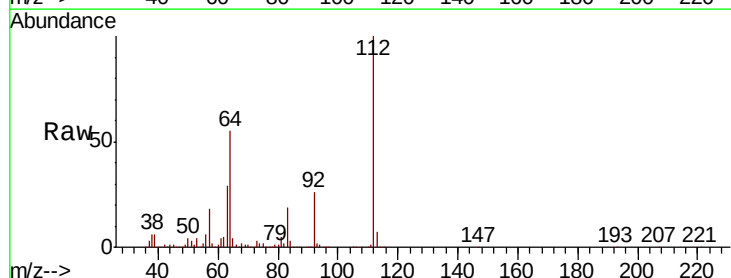
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



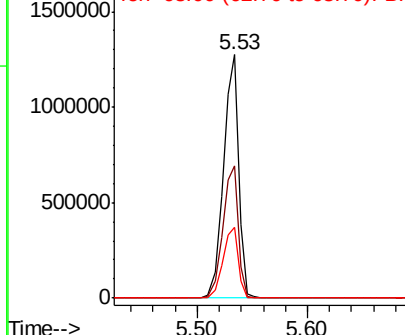
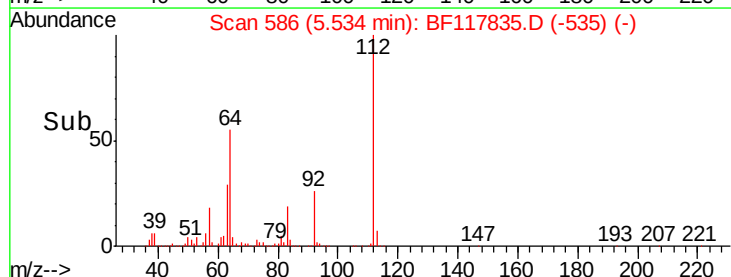
#5

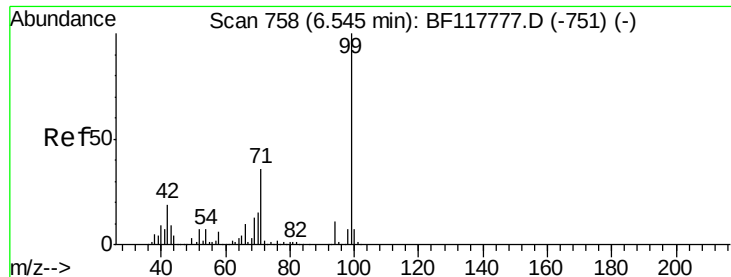
2-Fluorophenol
Concen: 91.800 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Tgt Ion:112 Resp: 1219108
Ion Ratio Lower Upper
112 100
64 54.5 45.6 68.4
63 29.2 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: 66.375 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117835.D

Acq: 18 Nov 2019 15:13

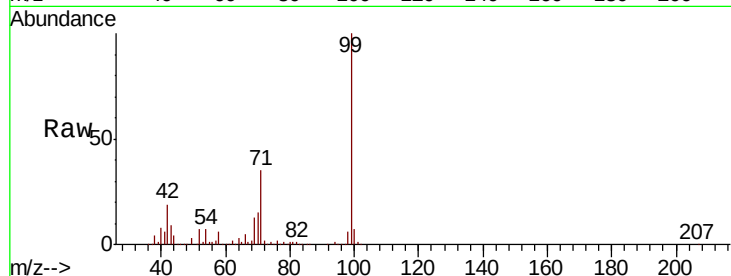
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1063193

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.9	22.3
71	35.3	28.6	43.0

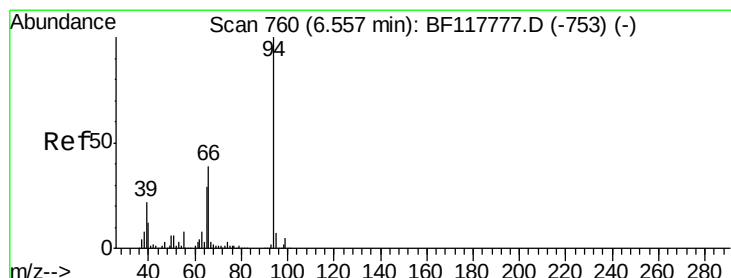
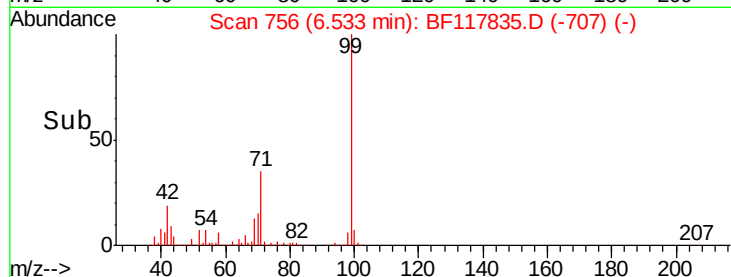
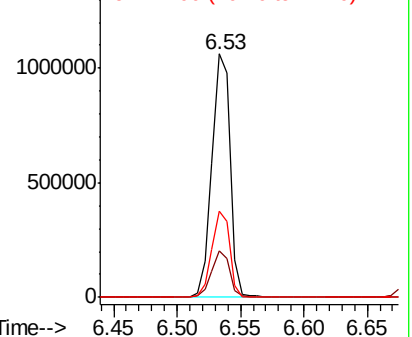


Abundance

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



#10

Phenol

Concen: 16.242 ng

RT: 6.55 min Scan# 758

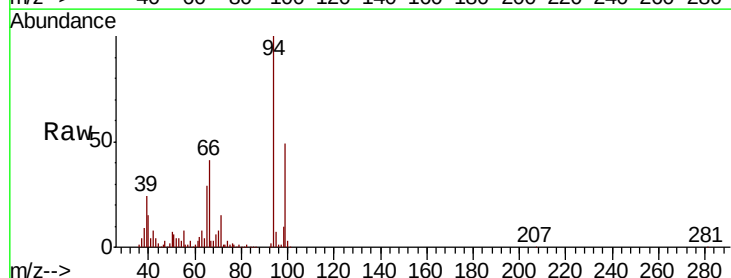
Delta R.T. -0.01 min

Lab File: BF117835.D

Acq: 18 Nov 2019 15:13

Tgt Ion: 94 Resp: 270341

Ion	Ratio	Lower	Upper
94	100		
65	29.3	8.9	48.9
66	40.6	18.7	58.7

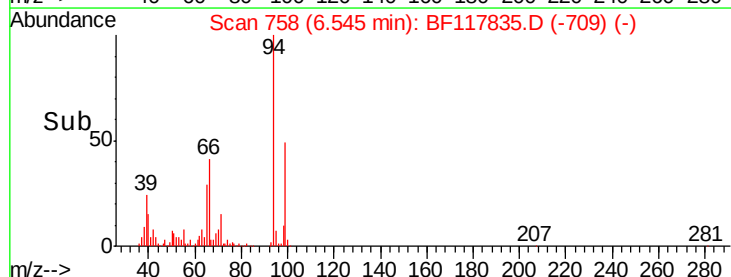
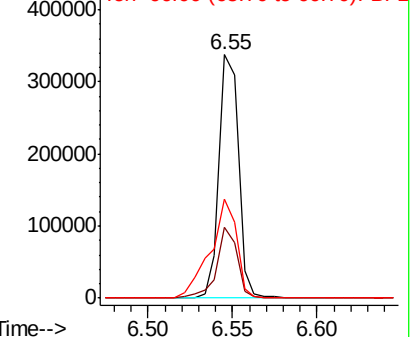


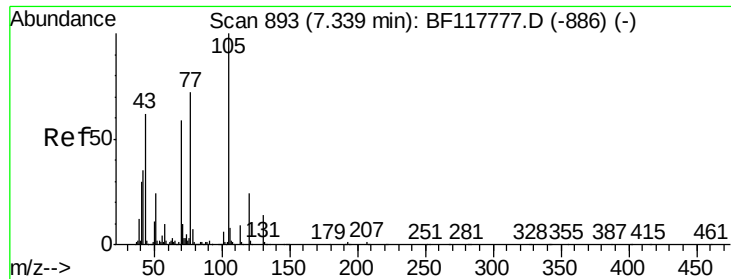
Abundance

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

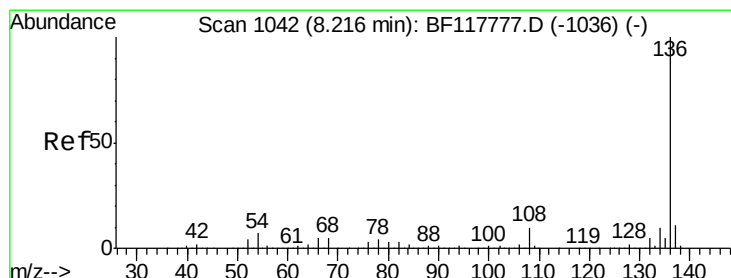
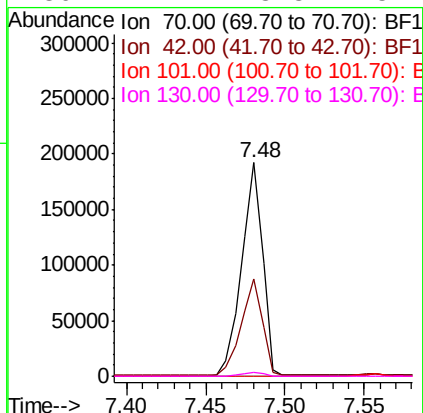
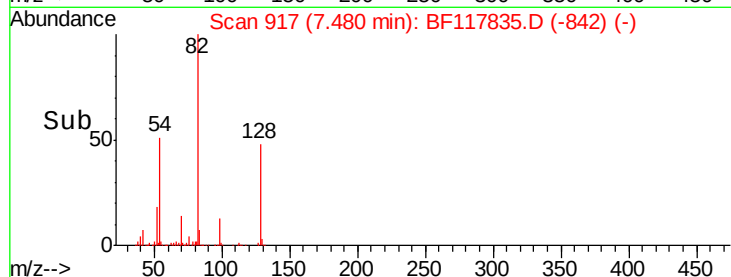
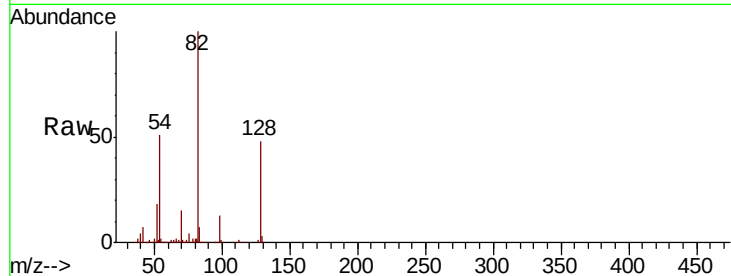




#19
n-Nitroso-di-n-propylamine
Concen: 17.777 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

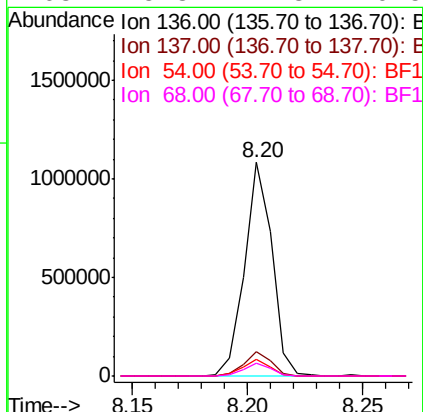
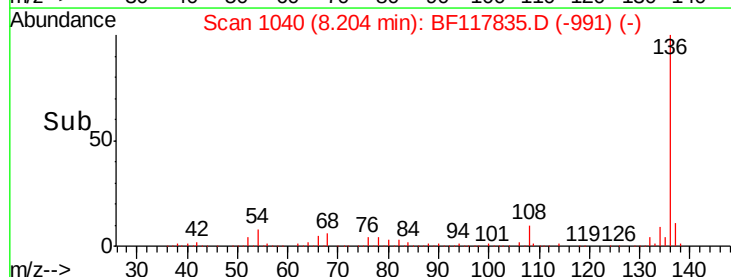
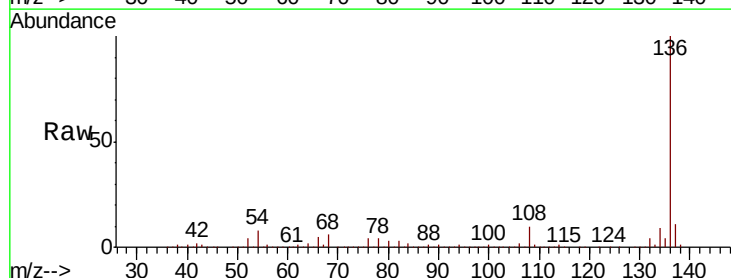
Instrument :
BNA_F
ClientSampleId :

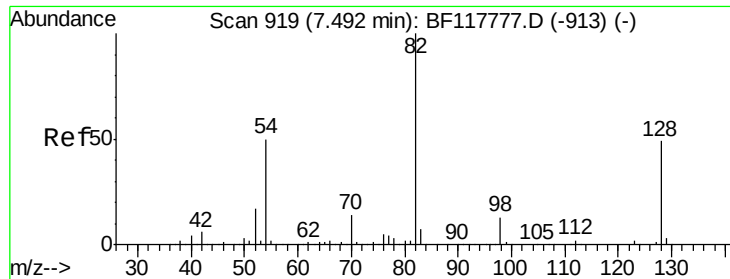
Tot Ion: 70 Resp: 175670
Ion Ratio Lower Upper
70 100
42 45.3 47.4 71.2#
101 0.0 8.4 12.6#
130 2.1 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Tgt Ion: 136 Resp: 899700
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 7.6 5.4 8.2
68 5.8 4.3 6.5

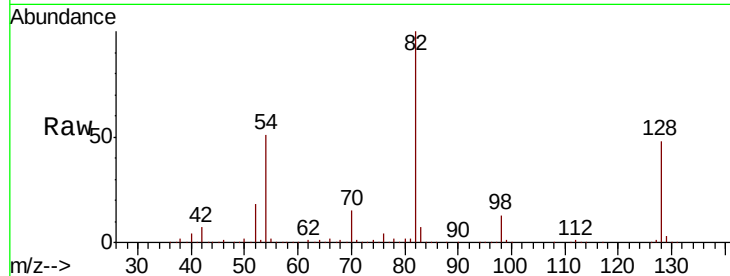




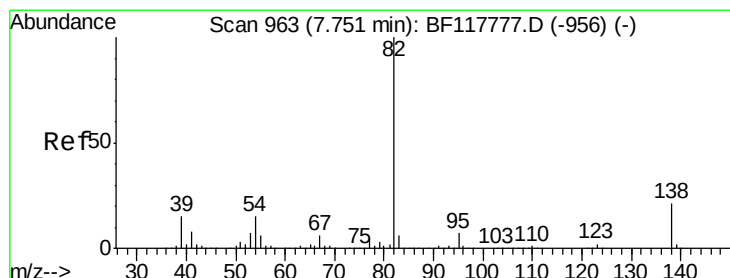
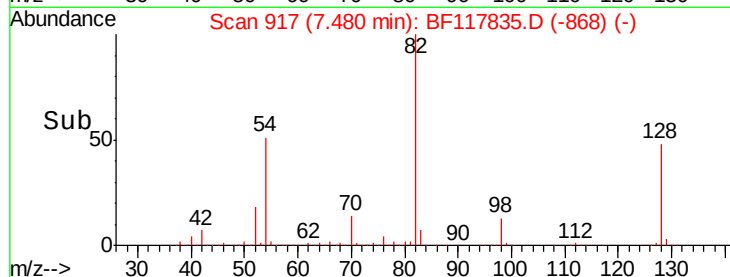
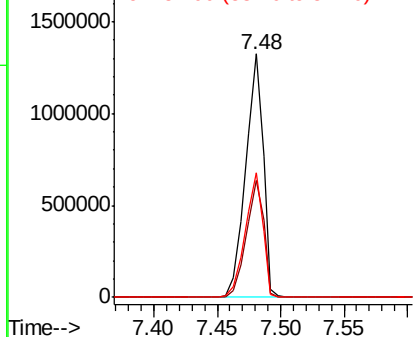
#23
Nitrobenzene-d5
Concen: 83.639 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1265852
Ion Ratio Lower Upper
82 100
128 48.2 38.9 58.3
54 51.2 39.8 59.6

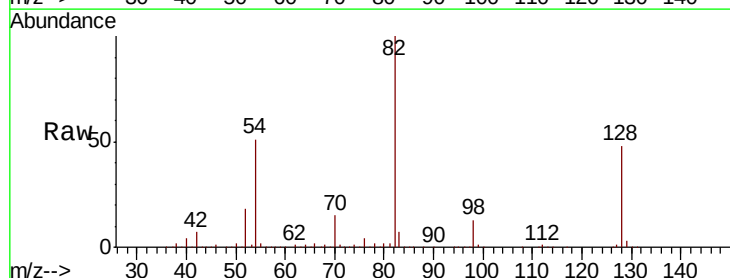


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

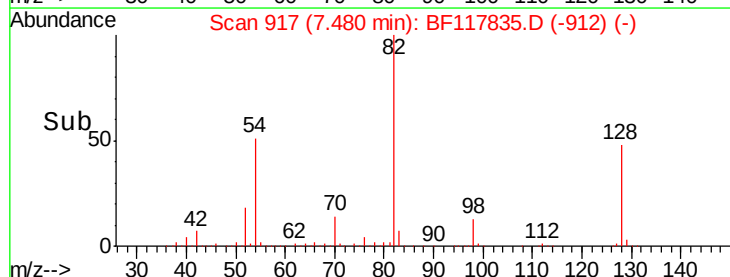
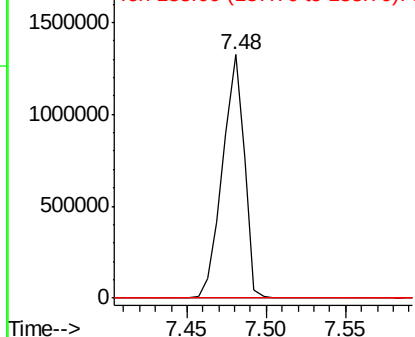


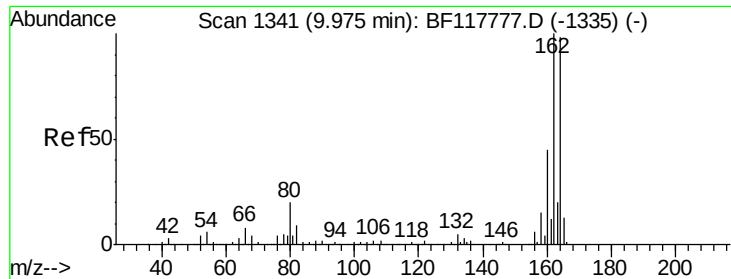
#25
Isophorone
Concen: 45.538 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Tgt Ion: 82 Resp: 1263213
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

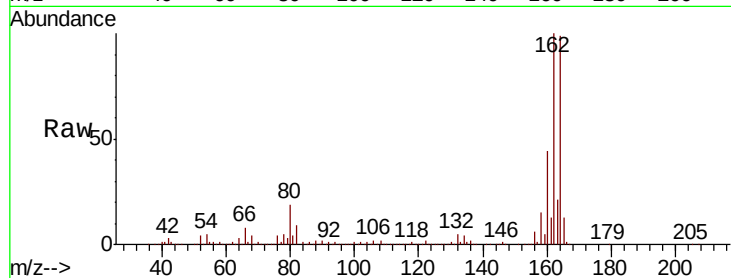




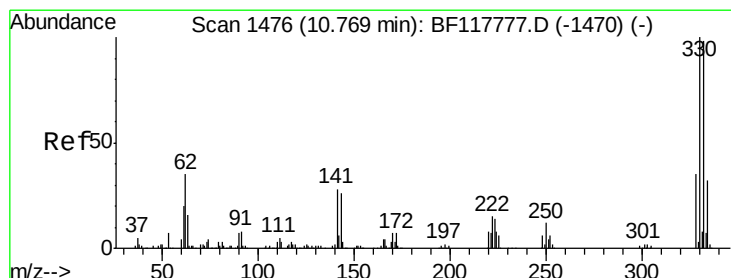
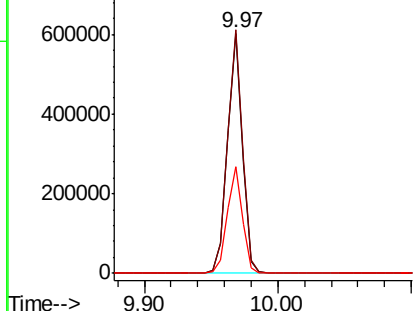
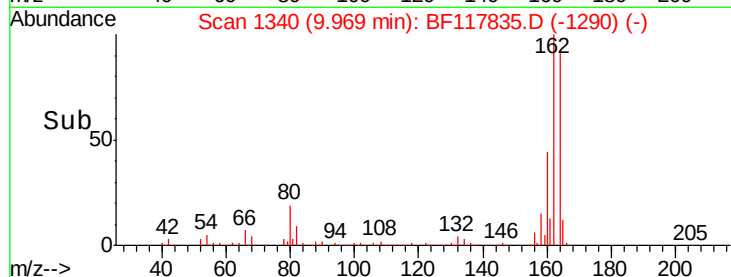
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF117835.D
 Acq: 18 Nov 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 481280
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.3 121.9
 160 44.5 36.6 55.0

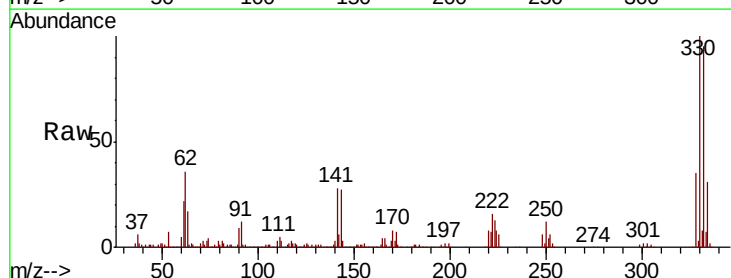


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

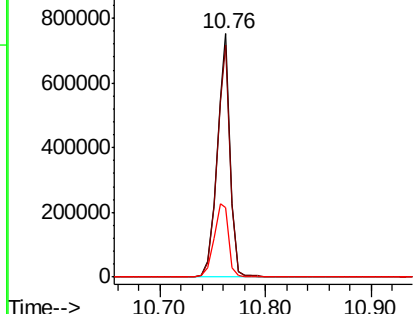
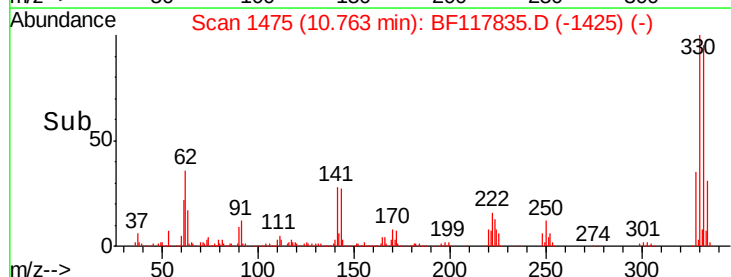


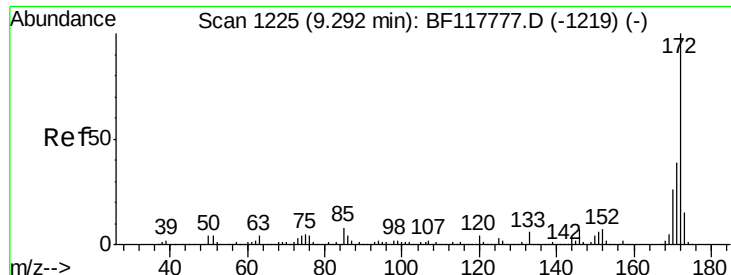
#42
 2,4,6-Tribromophenol
 Concen: 128.655 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF117835.D
 Acq: 18 Nov 2019 15:13

Tgt Ion:330 Resp: 655532
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.7 115.1
 141 34.3 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

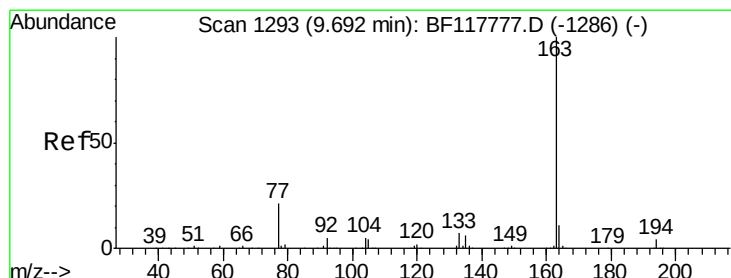
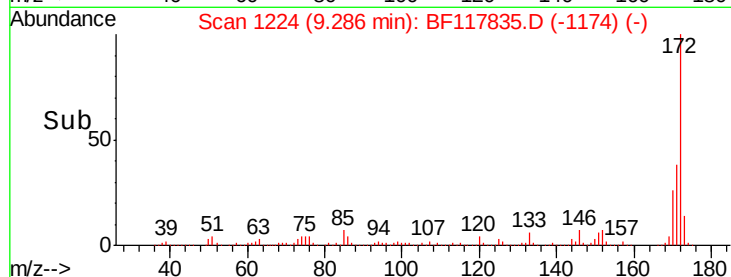
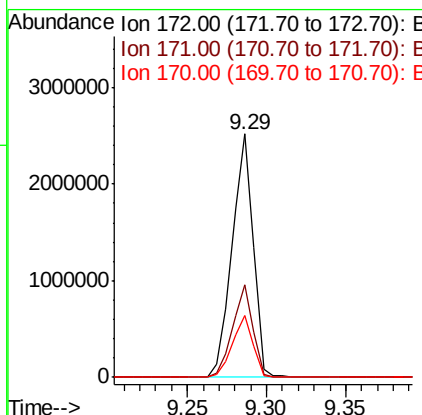
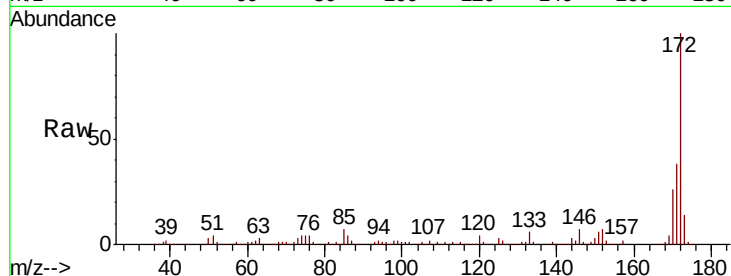




#45
2-Fluorobiphenyl
Concen: 87.116 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

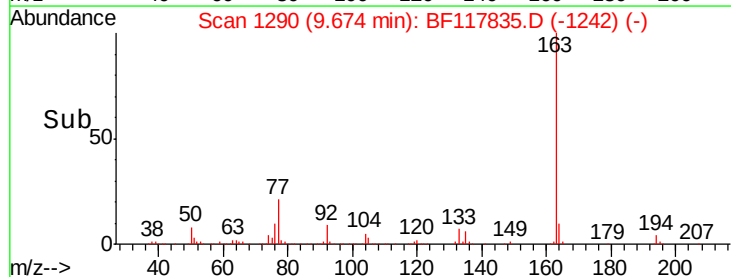
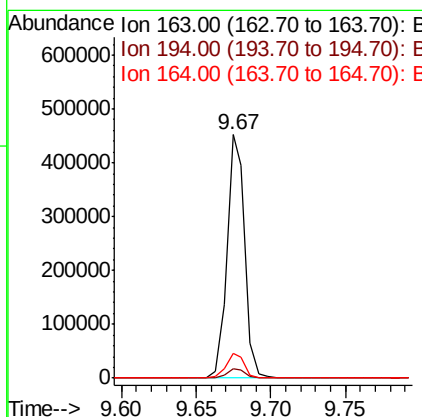
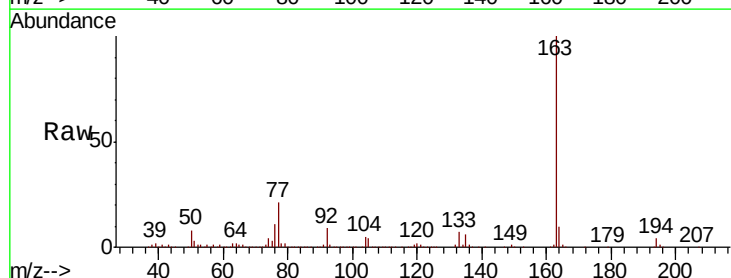
Instrument :
BNA_F
ClientSampleId :

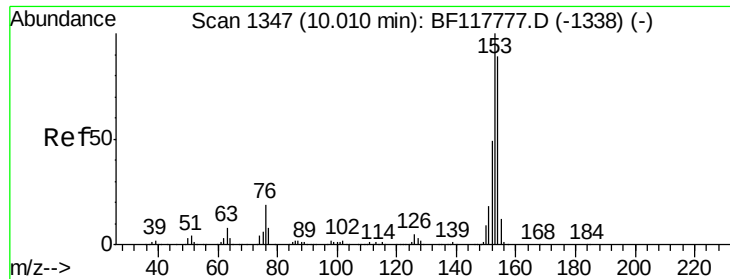
Tot Ion:172 Resp: 2337021
Ion Ratio Lower Upper
172 100
171 38.2 30.9 46.3
170 25.5 21.0 31.4



#50
Dimethylphthalate
Concen: 11.310 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Tgt Ion:163 Resp: 381689
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.2 8.7 13.1





#52

Acenaphthene

Concen: 2.571 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF117835.D

Acq: 18 Nov 2019 15:13

Instrument :

BNA_F

ClientSampleId :

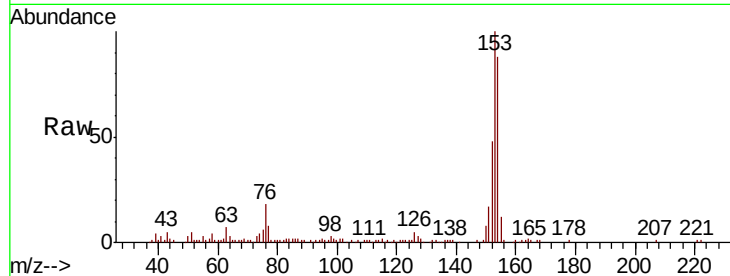
Tot Ion:154 Resp: 70521

Ion Ratio Lower Upper

154 100

153 113.9 90.1 135.1

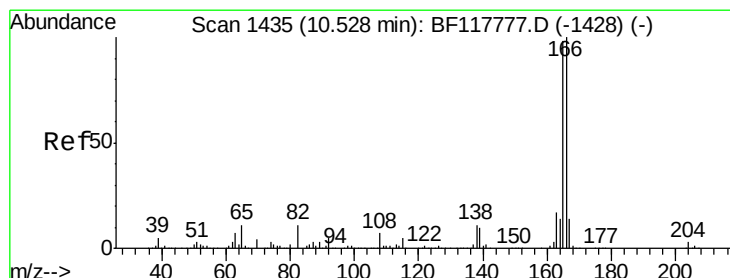
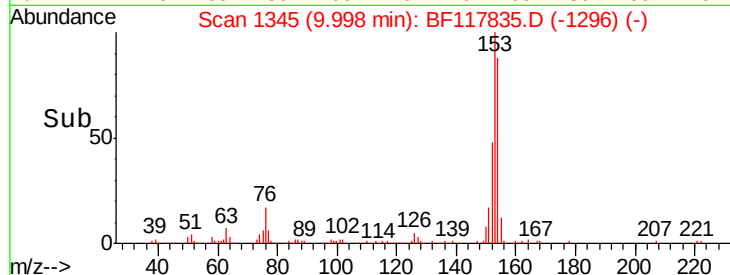
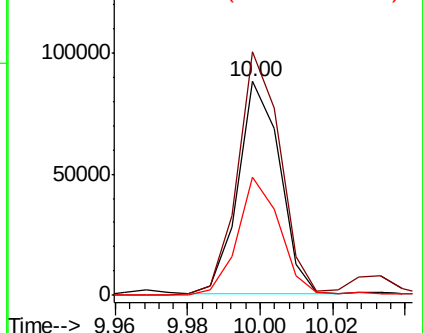
152 55.1 44.0 66.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#58

Fluorene

Concen: 2.277 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF117835.D

Acq: 18 Nov 2019 15:13

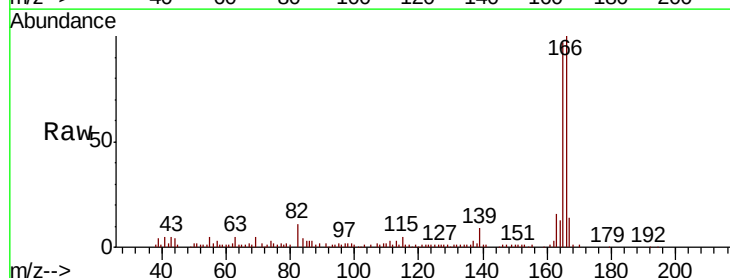
Tgt Ion:166 Resp: 67040

Ion Ratio Lower Upper

166 100

165 97.3 78.4 117.6

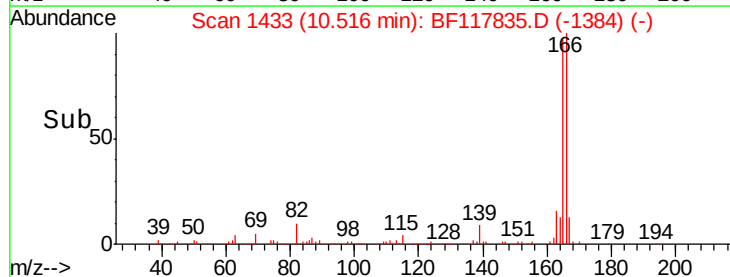
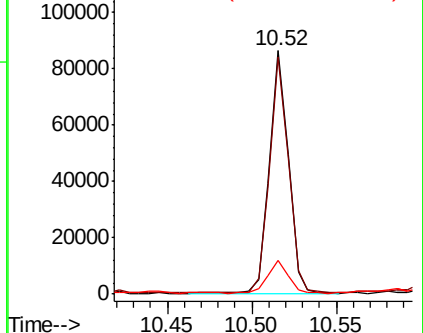
167 13.7 11.0 16.4

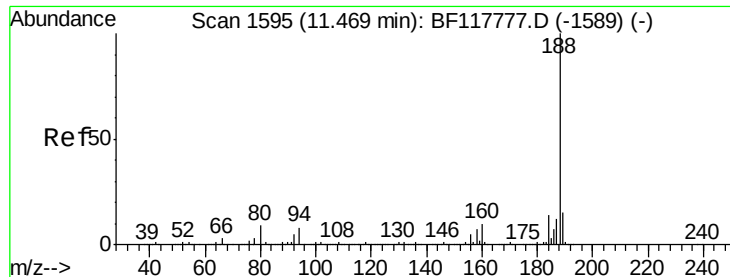


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

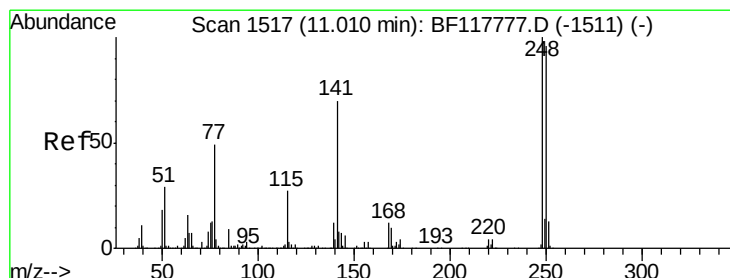
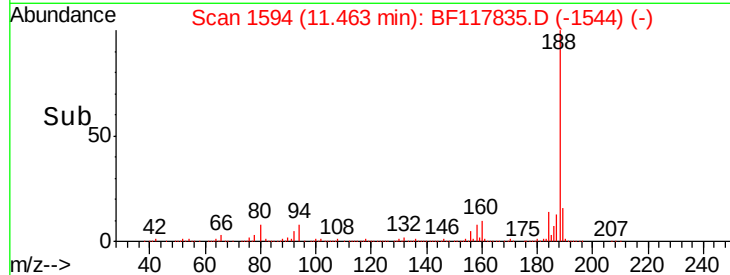
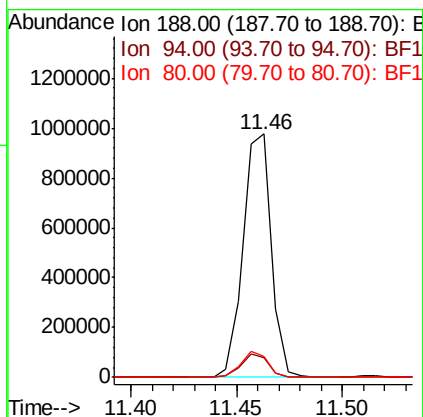
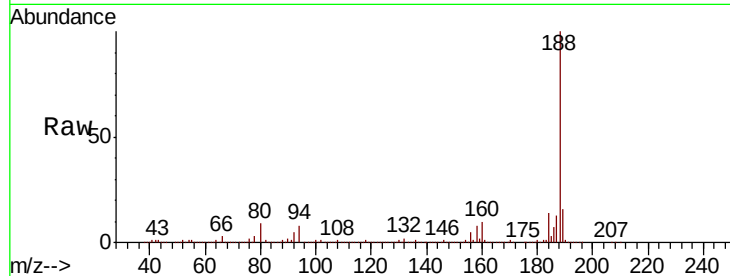




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

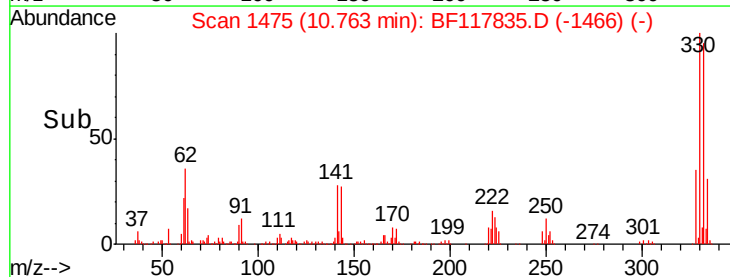
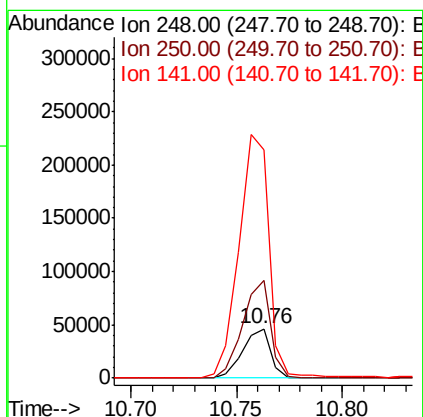
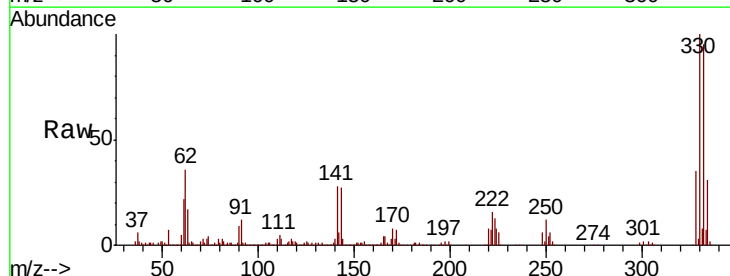
Instrument :
BNA_F
ClientSampleId :

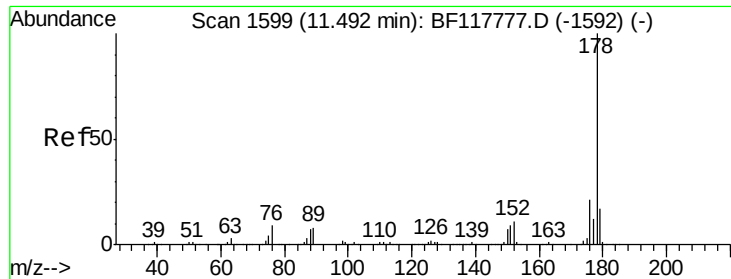
Tot Ion:188 Resp: 902928
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 8.5 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 4.373 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.25 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Tgt Ion:248 Resp: 42608
Ion Ratio Lower Upper
248 100
250 198.6 76.6 115.0#
141 464.8 55.9 83.9#

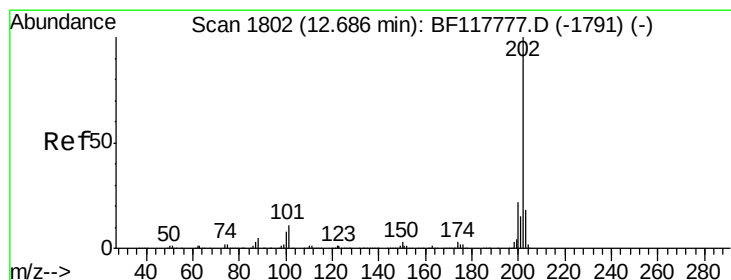
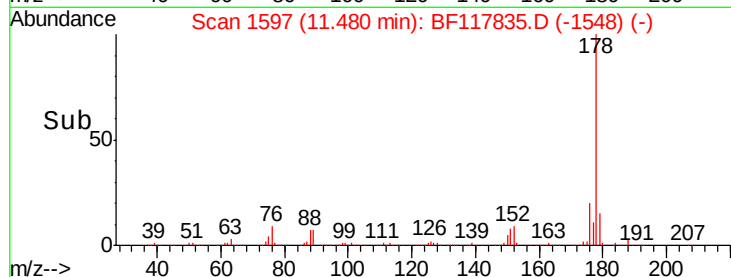
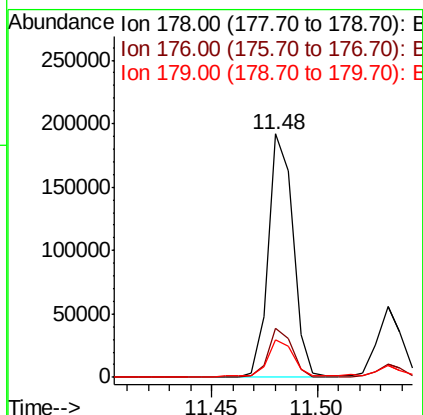
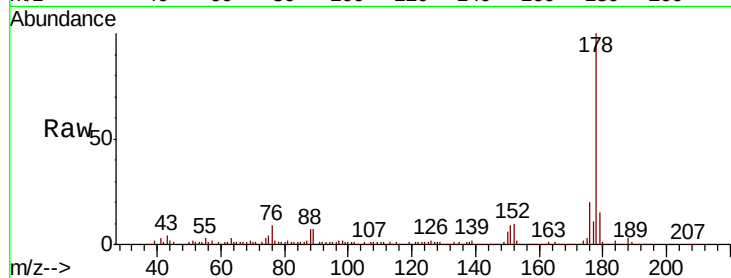




#71
Phenanthrene
Concen: 3.485 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

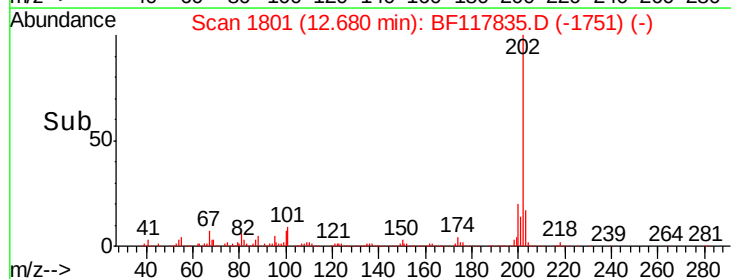
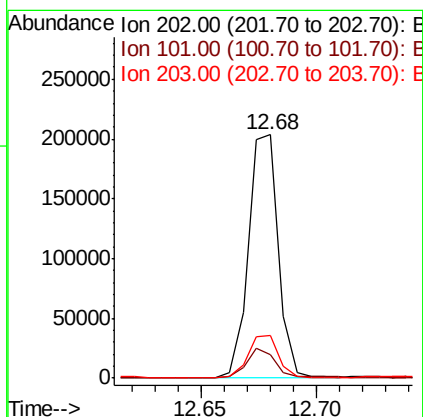
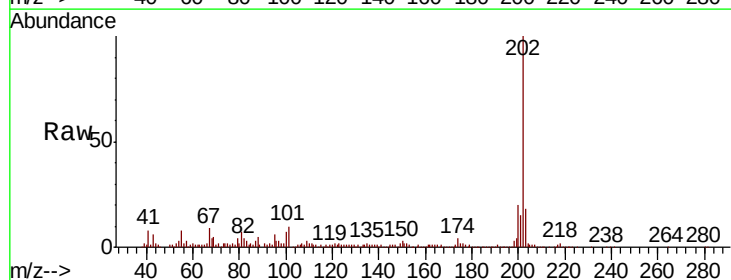
Instrument :
BNA_F
ClientSampleId :

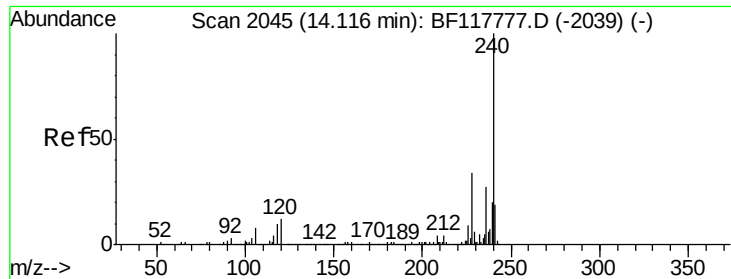
Tot Ion:178 Resp: 158226
Ion Ratio Lower Upper
178 100
176 19.9 16.6 25.0
179 15.4 13.2 19.8



#75
Fluoranthene
Concen: Below Cal
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Tgt Ion:202 Resp: 183438
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.1
203 17.6 0.0 38.2

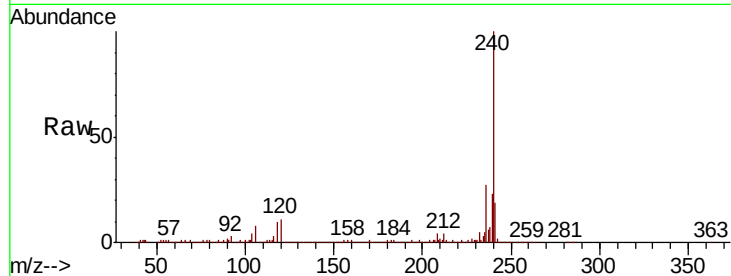




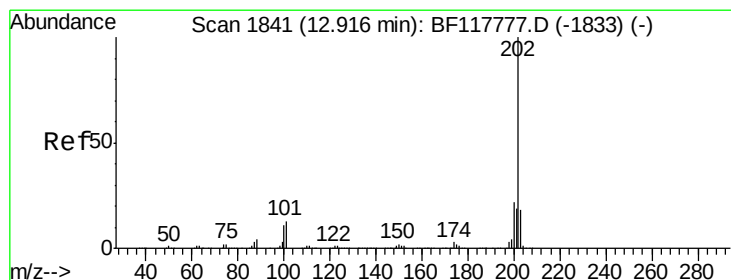
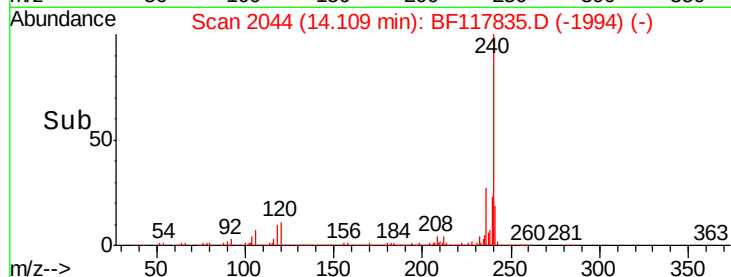
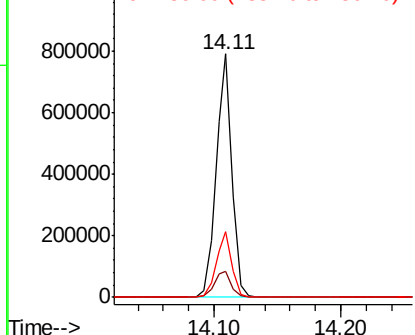
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	26.9	21.3	31.9

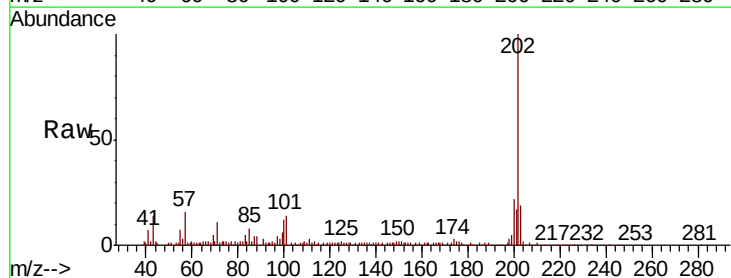


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

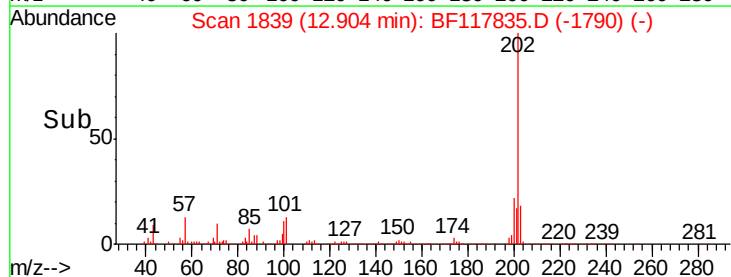
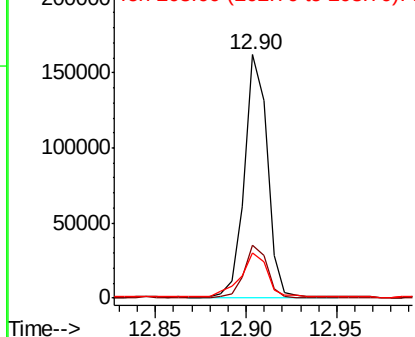


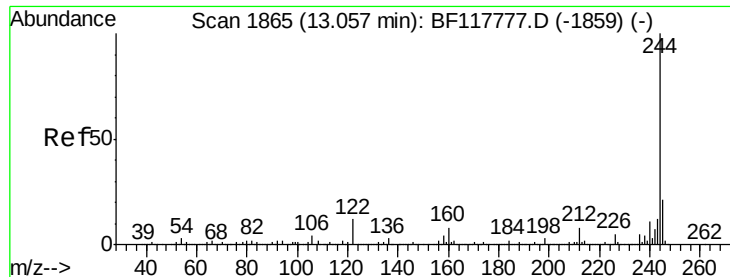
#78
Pyrene
Concen: 2.537 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF117835.D
Acq: 18 Nov 2019 15:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.8
203	18.5	14.6	22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.070 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF117835.D

Acq: 18 Nov 2019 15:13

Instrument :

BNA_F

ClientSampleId :

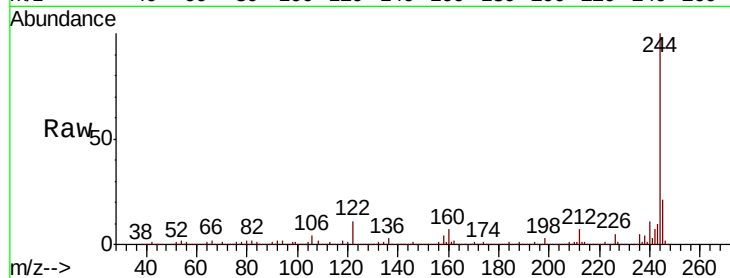
Tot Ion:244 Resp: 2762095

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

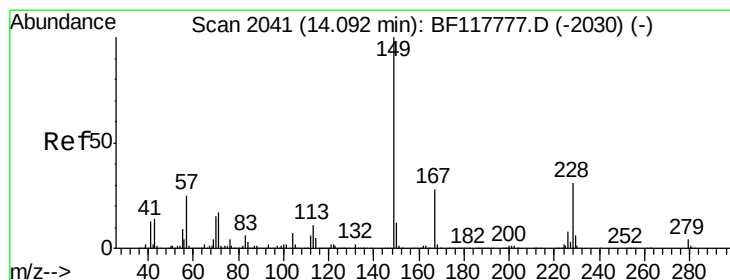
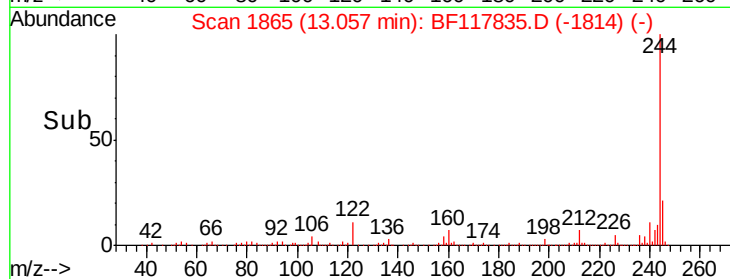
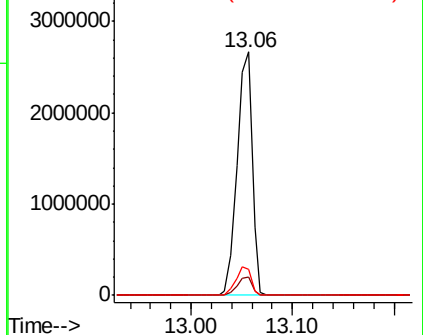
122 10.9 9.4 14.2



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: 2.873 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF117835.D

Acq: 18 Nov 2019 15:13

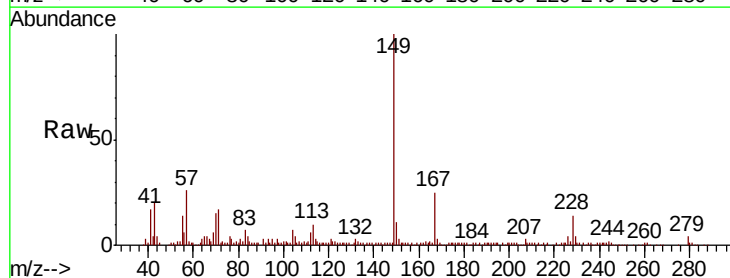
Tgt Ion:149 Resp: 83524

Ion Ratio Lower Upper

149 100

167 25.5 22.2 33.2

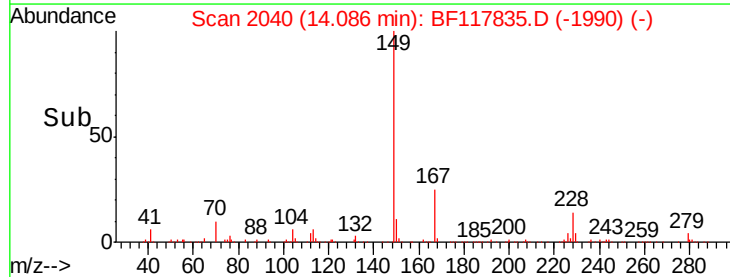
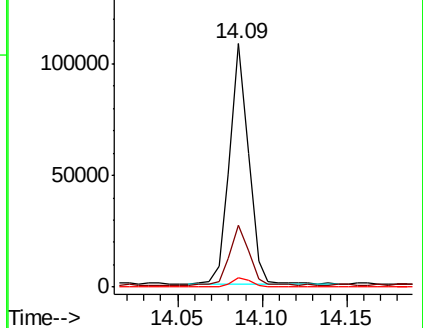
279 3.8 3.4 5.2

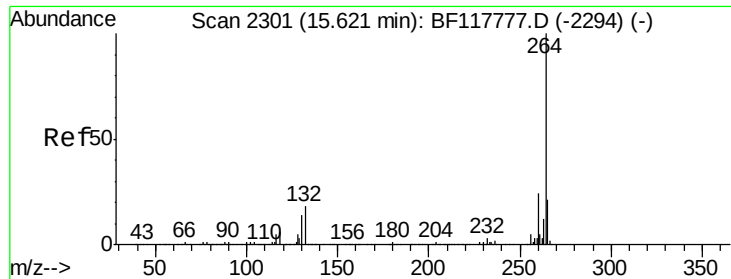


Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF117835.D

Acq: 18 Nov 2019 15:13

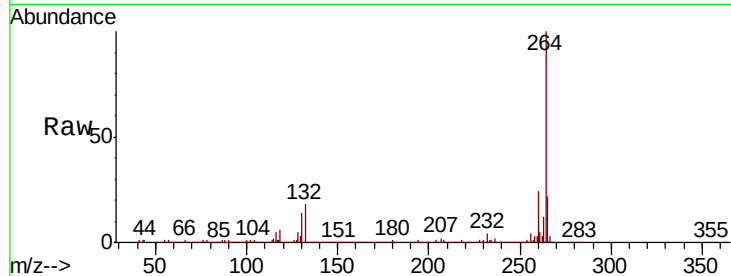
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 647036

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	22.2	17.1	25.7

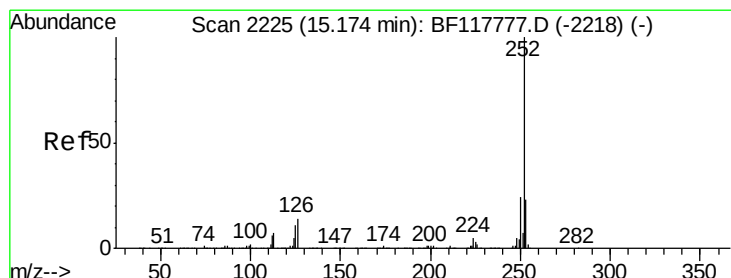
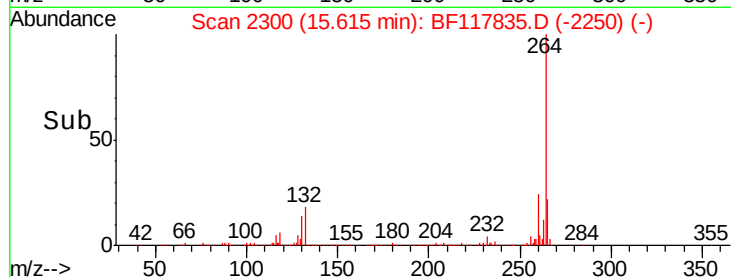
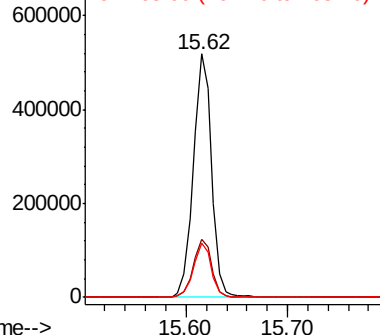


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 3.233 ng

RT: 15.17 min Scan# 2224

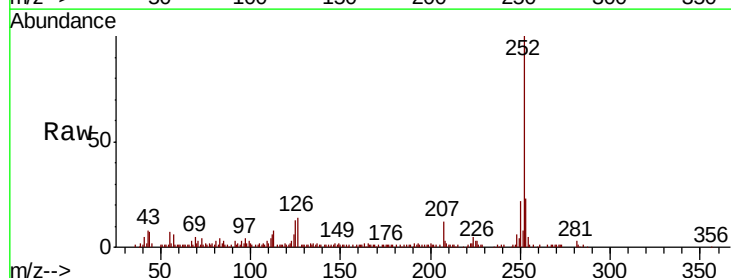
Delta R.T. -0.01 min

Lab File: BF117835.D

Acq: 18 Nov 2019 15:13

Tgt Ion:252 Resp: 135913

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	12.8	8.6	13.0

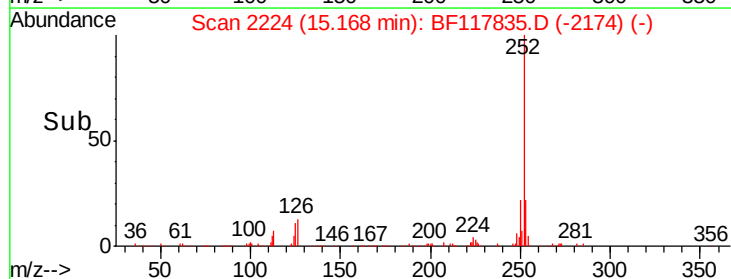
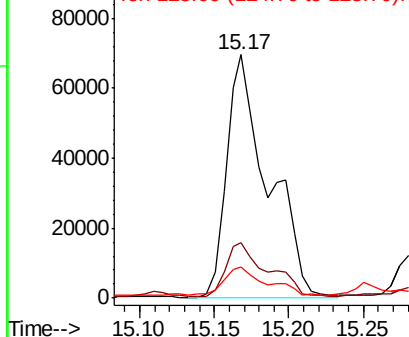


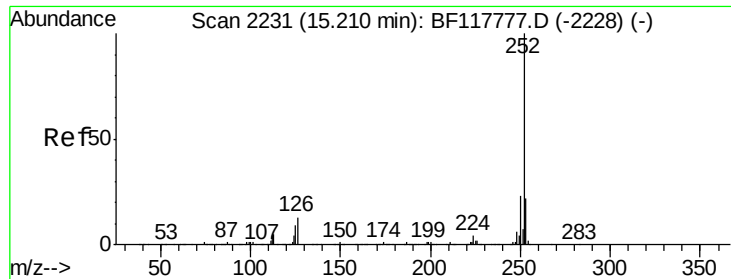
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89
 Benzo(k)fluoranthene
 Concen: 3.431 ng
 RT: 15.17 min Scan# 2224
 Delta R.T. -0.04 min
 Lab File: BF117835.D
 Acq: 18 Nov 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	12.8	7.9	11.9

