

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111712.D
 Acq On : 26 Dec 2018 13:29
 Operator : JU/SJ
 Sample : J6498-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 26 15:25:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 26 13:36:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	176990	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	666056	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	333013	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	609972	20.00	ng	0.00
76) Chrysene-d12	14.06	240	468856	20.00	ng	-0.01
87) Perylene-d12	15.54	264	446700	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1023507	98.57	ng	0.00
7) Phenol-d6	6.54	99	1327933	100.49	ng	0.00
23) Nitrobenzene-d5	7.46	82	842212	73.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	396639	100.80	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1550385	67.86	ng	0.00
79) Terphenyl-d14	13.01	244	1518302	61.41	ng	0.00

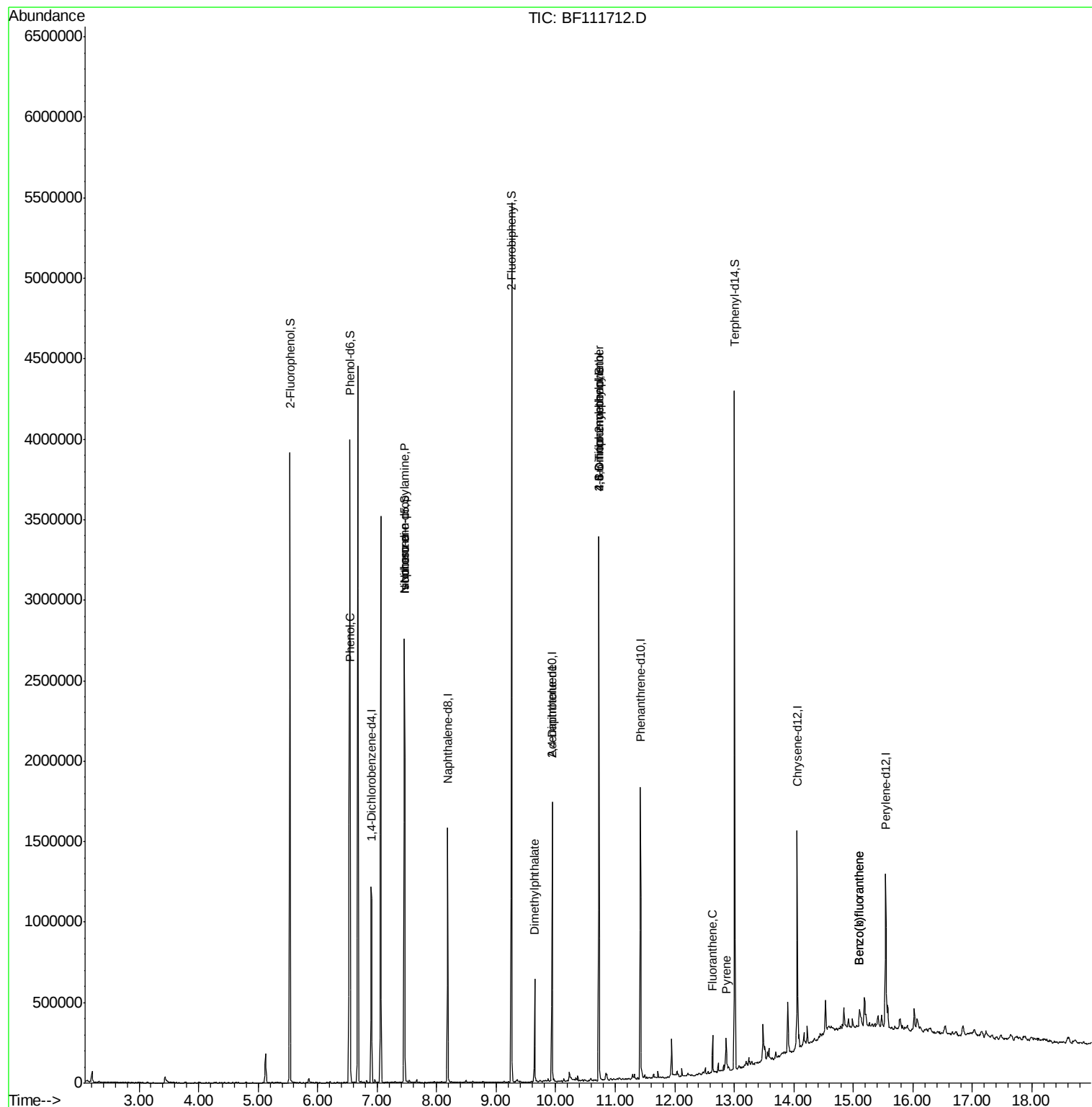
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.55	94	98510	6.607	ng	97
19) n-Nitroso-di-n-propylamine	7.46	70	114706	13.070	ng	# 81
25) Isophorone	7.46	82	842202	41.459	ng	# 64
50) Dimethylphthalate	9.65	163	225649	9.266	ng	97
57) 2,4-Dinitrotoluene	9.94	165	44082	7.553	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	715	6.937	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	23835	3.150	ng	# 1
75) Fluoranthene	12.63	202	81209	2.479	ng	94
78) Pyrene	12.86	202	80134	2.420	ng	93
88) Benzo(b)fluoranthene	15.10	252	75483	2.891	ng	# 93
89) Benzo(k)fluoranthene	15.10	252	75483	3.037	ng	# 93

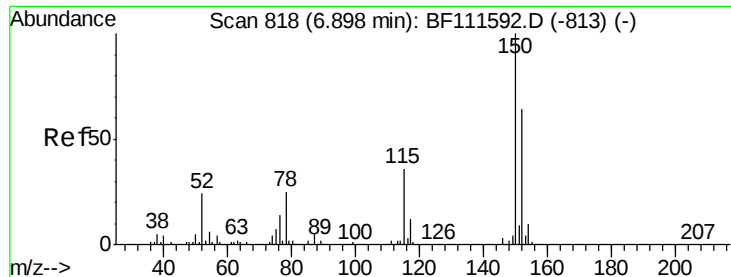
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
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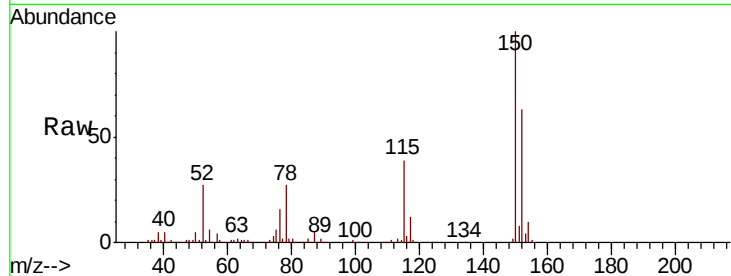


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF111712.D
 Acq: 26 Dec 2018 13:29

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.6	189.8
115	61.5	50.7	76.1

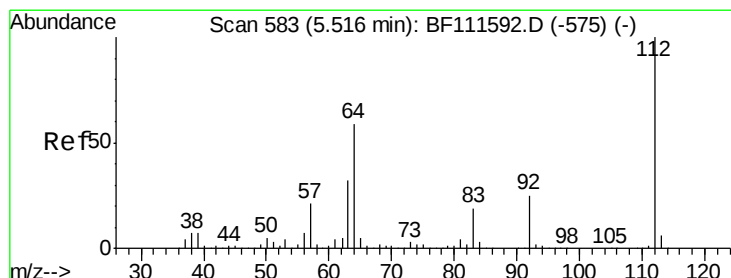
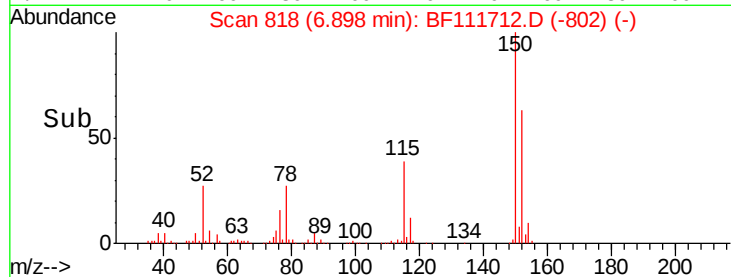
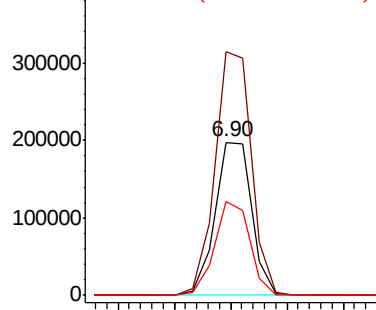


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

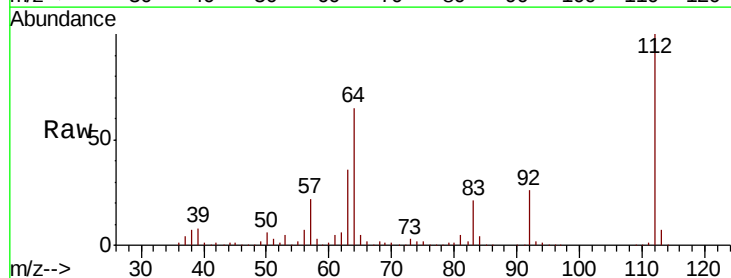
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 98.571 ng
 RT: 5.53 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF111712.D
 Acq: 26 Dec 2018 13:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	51.8	77.6
63	36.0	26.8	40.2

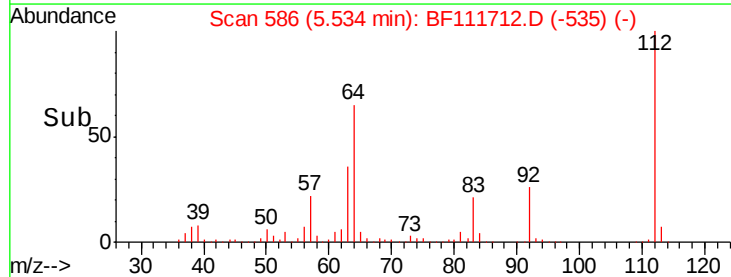
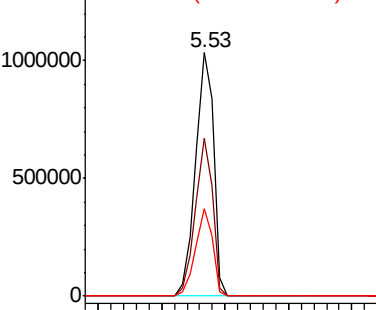


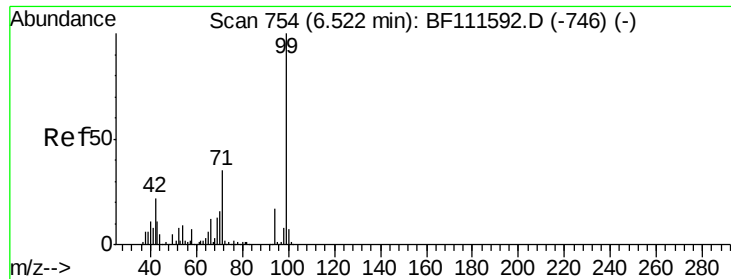
Abundance

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: 100.490 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111712.D

Acq: 26 Dec 2018 13:29

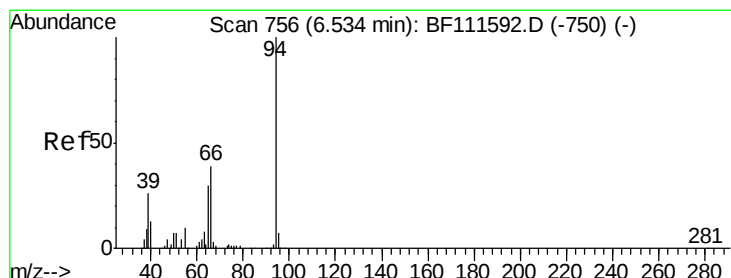
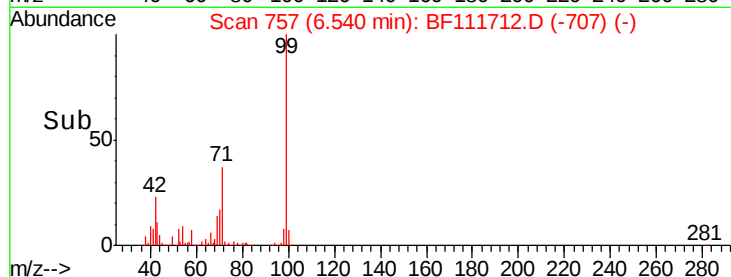
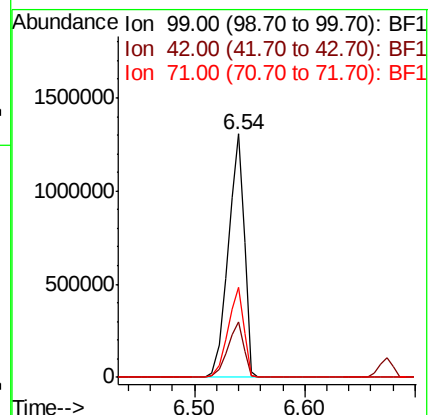
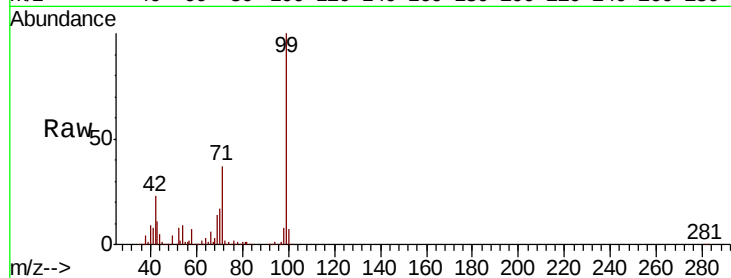
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 1327933

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.4	26.0
71	36.9	26.1	39.1



#10

Phenol

Concen: 6.607 ng

RT: 6.55 min Scan# 759

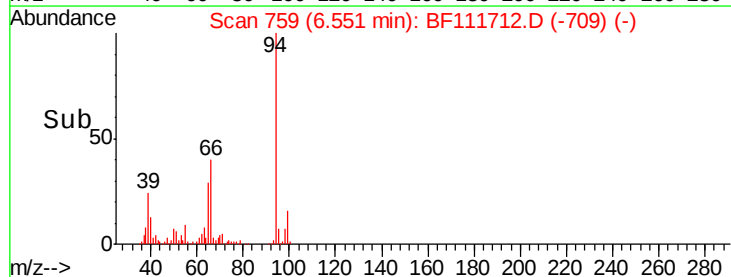
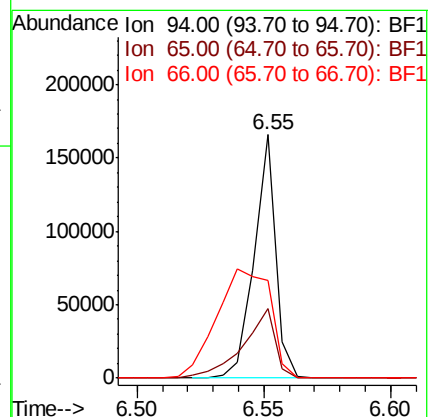
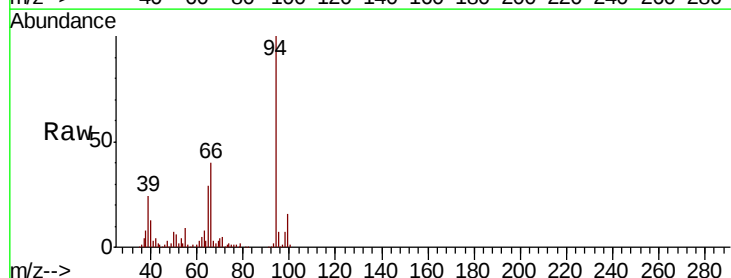
Delta R.T. -0.01 min

Lab File: BF111712.D

Acq: 26 Dec 2018 13:29

Tgt Ion: 94 Resp: 98510

Ion	Ratio	Lower	Upper
94	100		
65	28.7	11.7	51.7
66	40.2	21.0	61.0

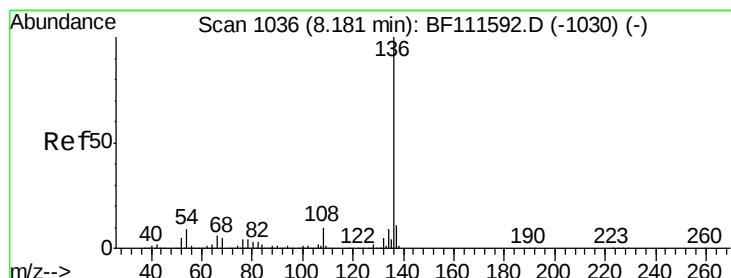
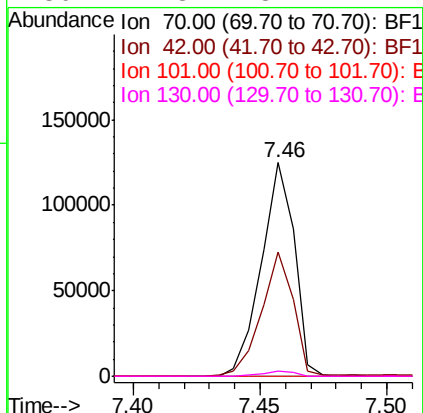
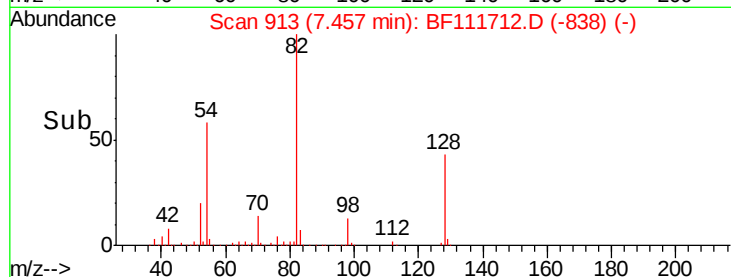
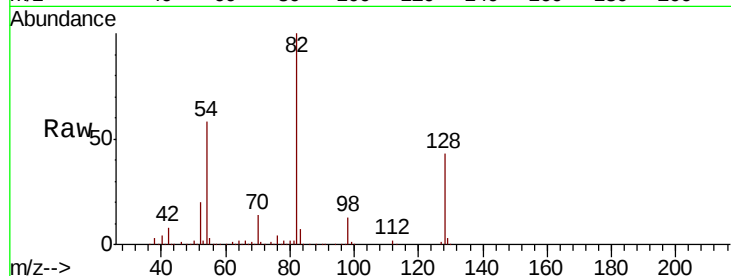




#19
n-Nitroso-di-n-propylamine
Concen: 13.070 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.14 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

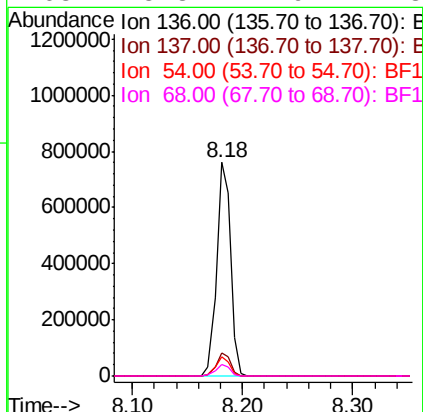
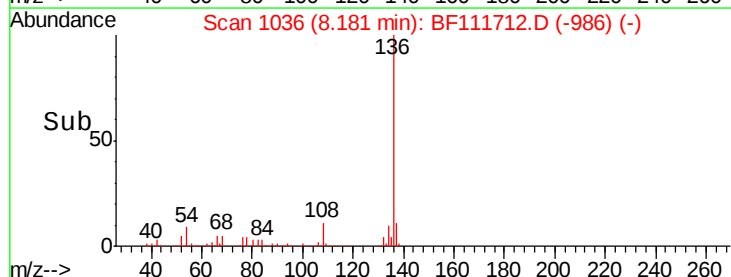
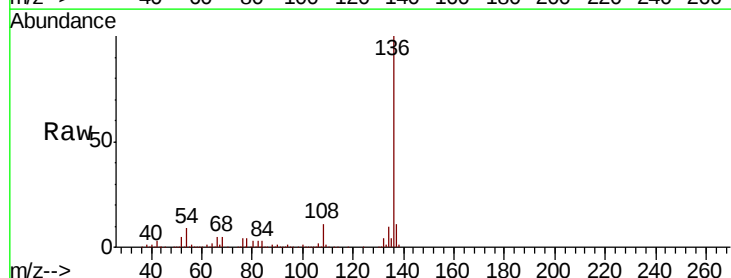
Instrument :
BNA_E
ClientSampleId :

Tot Ion: 70 Resp: 114706
Ion Ratio Lower Upper
70 100
42 58.3 53.2 79.8
101 0.0 8.2 12.4#
130 2.3 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Tgt Ion: 136 Resp: 666056
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.2 7.7 11.5
68 5.3 4.9 7.3

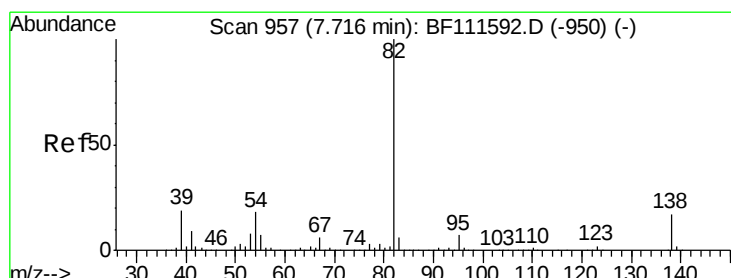
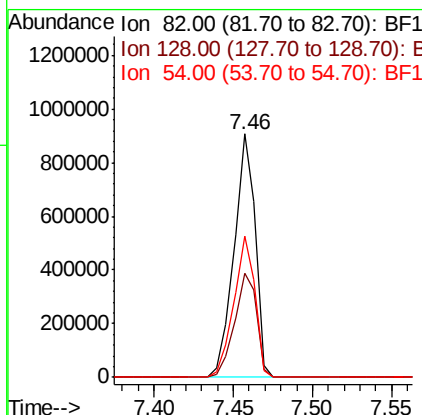
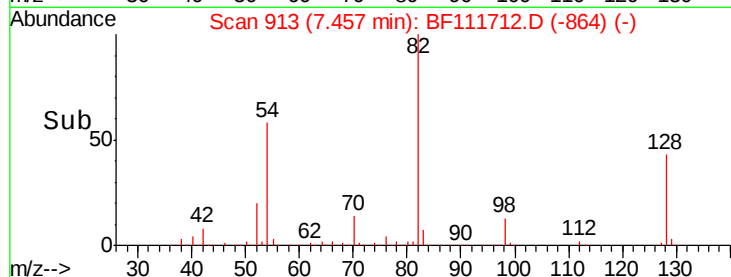
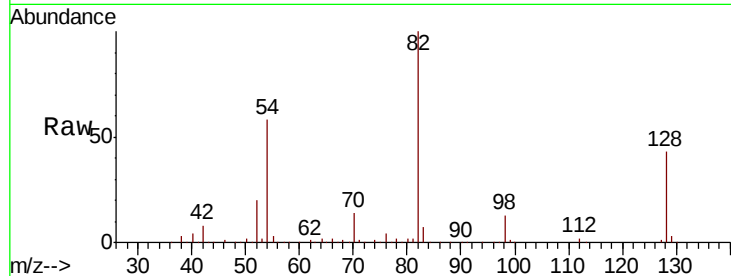




#23
 Nitrobenzene-d5
 Concen: 73.602 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF111712.D
 Acq: 26 Dec 2018 13:29

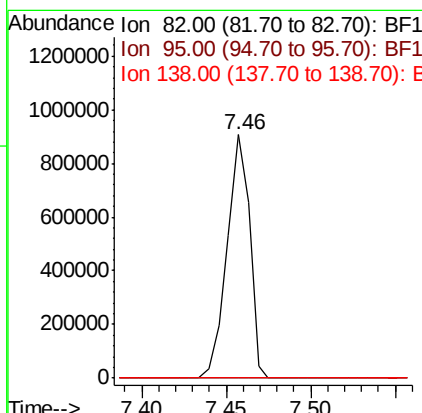
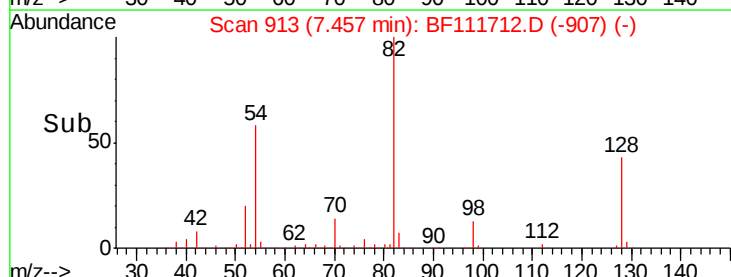
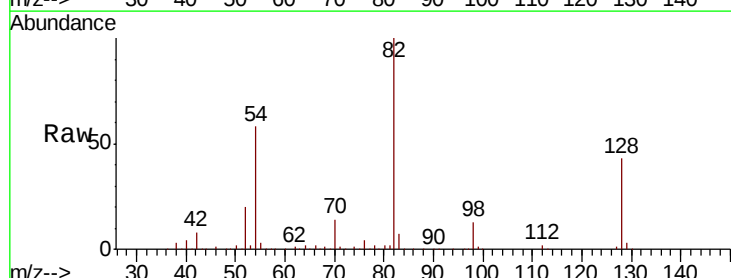
Instrument :
 BNA_E
 ClientSampled :

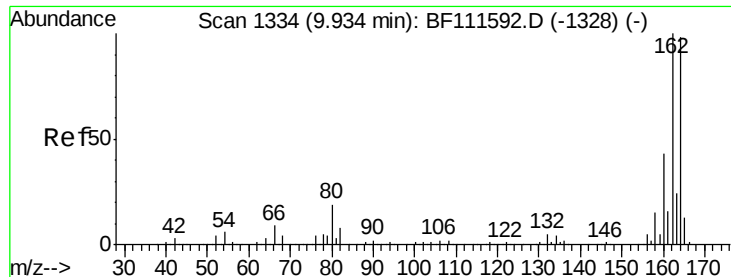
Tot Ion: 82 Resp: 842212
 Ion Ratio Lower Upper
 82 100
 128 42.8 37.4 56.2
 54 57.9 47.6 71.4



#25
 Isophorone
 Concen: 41.459 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.26 min
 Lab File: BF111712.D
 Acq: 26 Dec 2018 13:29

Tgt Ion: 82 Resp: 842202
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 15.1 22.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF111712.D

Acq: 26 Dec 2018 13:29

Instrument :

BNA_E

ClientSampleId :

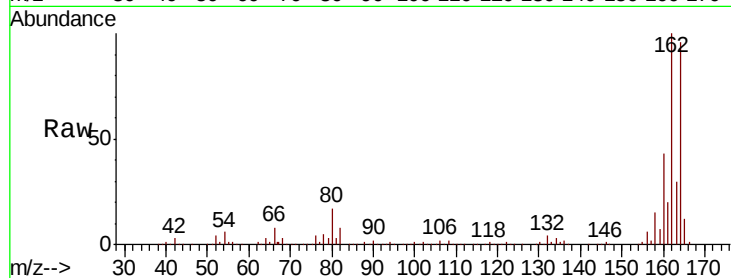
Tot Ion:164 Resp: 333013

Ion Ratio Lower Upper

164 100

162 104.0 81.4 122.0

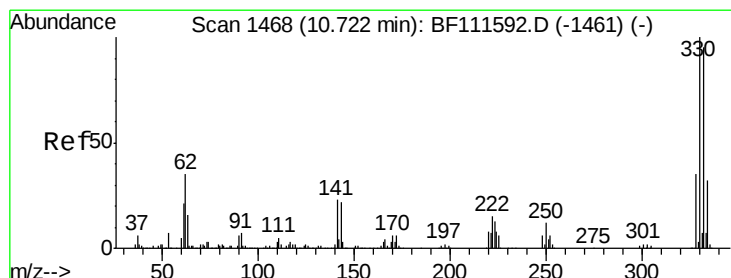
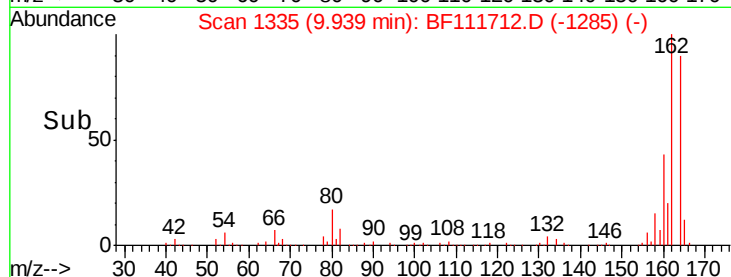
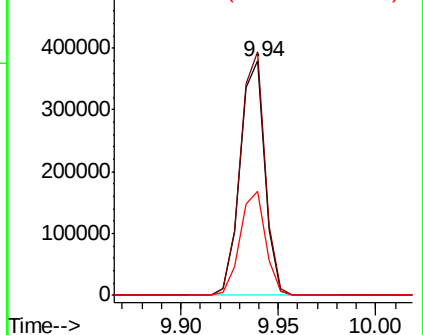
160 44.7 35.7 53.5



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: 100.803 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF111712.D

Acq: 26 Dec 2018 13:29

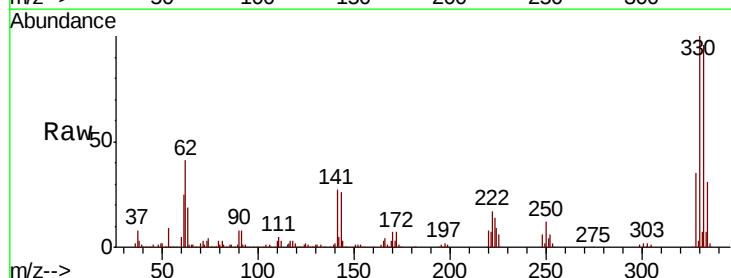
Tgt Ion:330 Resp: 396639

Ion Ratio Lower Upper

330 100

332 95.1 76.0 114.0

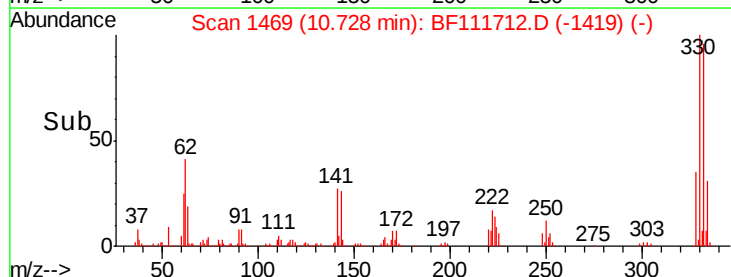
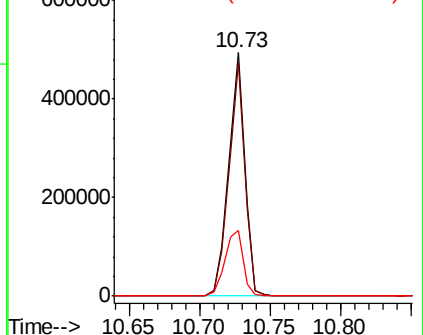
141 30.3 31.0 46.6#

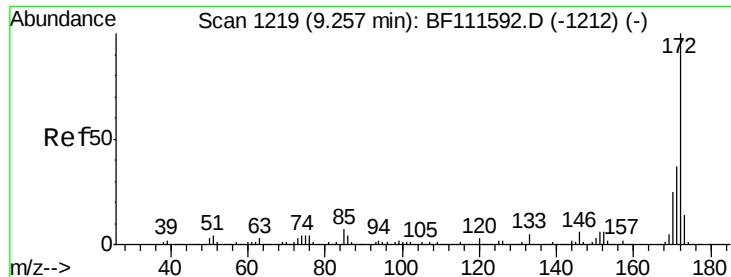


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



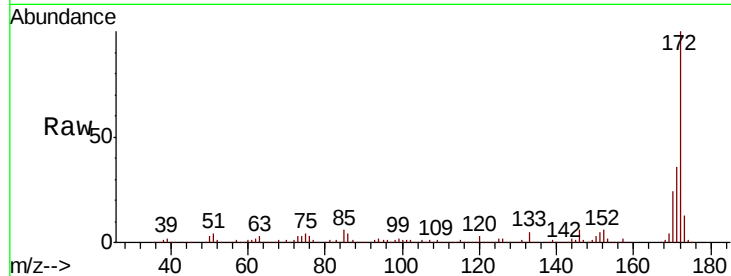


#45
 2-Fluorobiphenyl
 Concen: 67.859 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF111712.D
 Acq: 26 Dec 2018 13:29

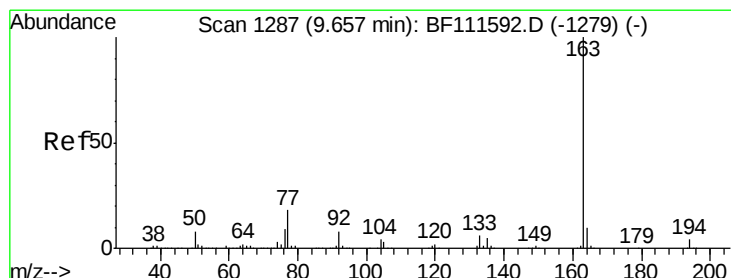
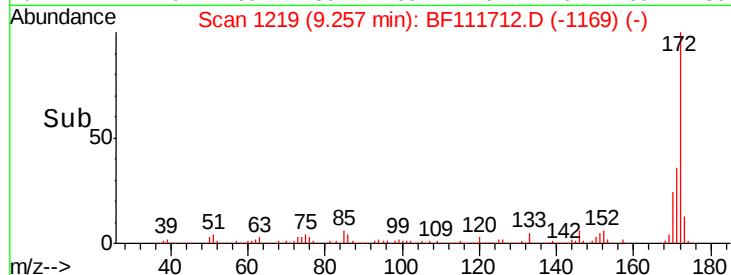
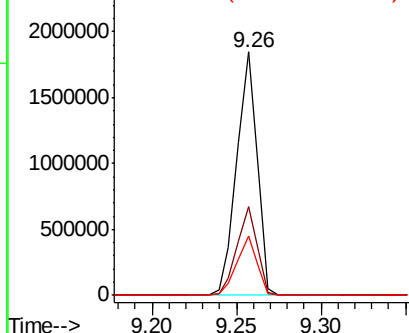
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:172 Resp: 1550385

Ion	Ratio	Lower	Upper
172	100		
171	36.2	33.0	49.4
170	24.3	22.3	33.5



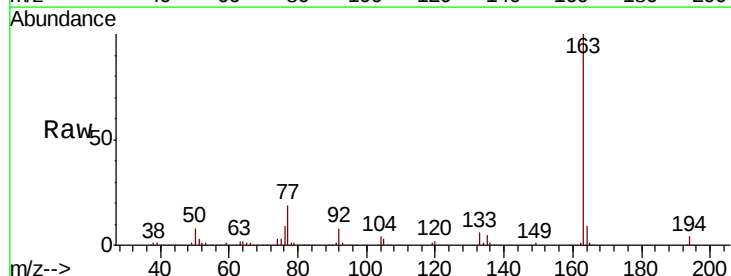
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



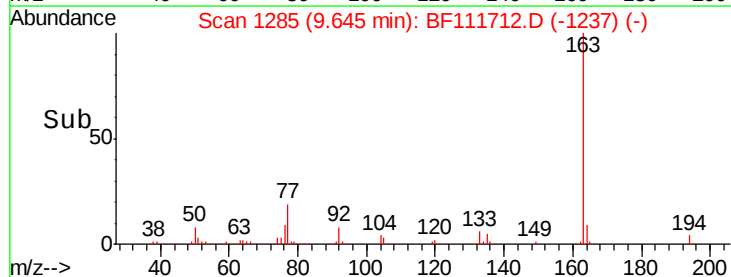
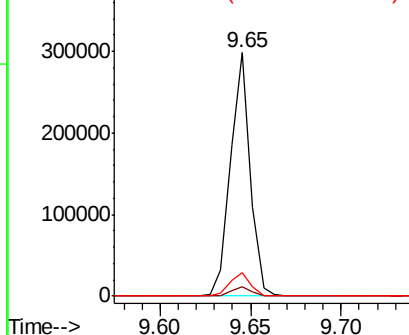
#50
 Dimethylphthalate
 Concen: 9.266 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BF111712.D
 Acq: 26 Dec 2018 13:29

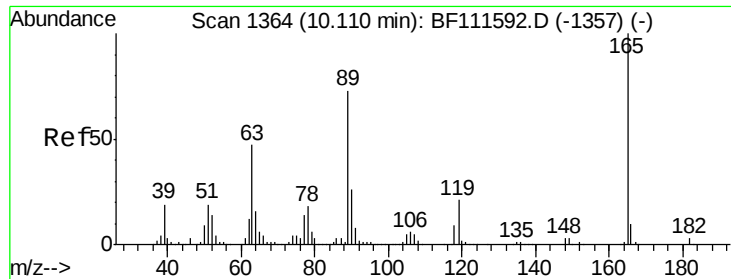
Tgt Ion:163 Resp: 225649

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.4	8.9	13.3



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

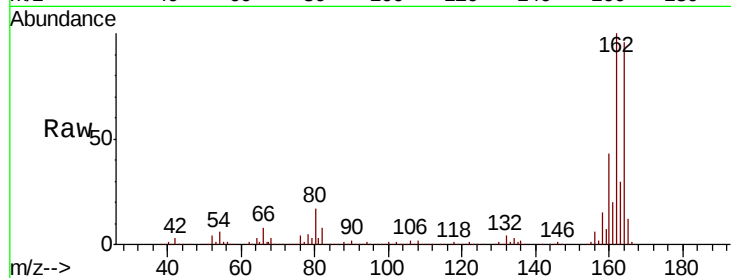




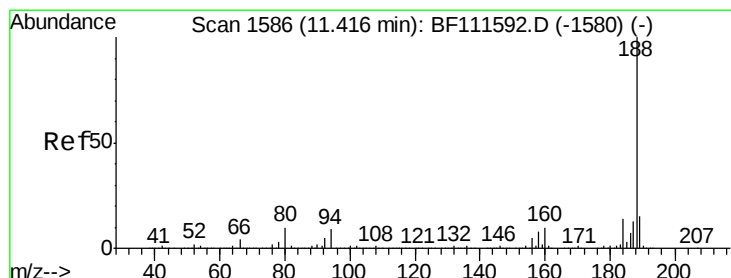
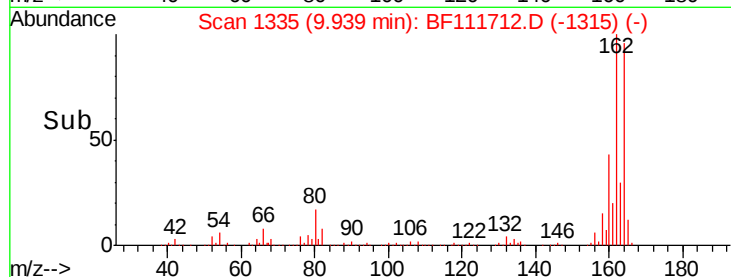
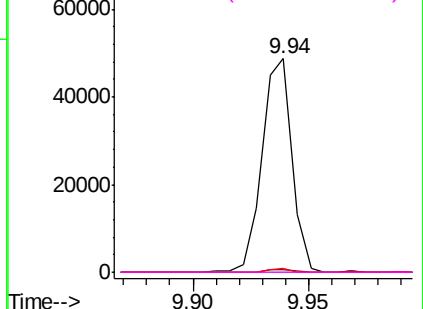
#57
 2,4-Dinitrotoluene
 Concen: 7.553 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.18 min
 Lab File: BF111712.D
 Acq: 26 Dec 2018 13:29

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:165	Resp:	44082
Ion Ratio	Lower	Upper
165	100	
63	1.3	34.6 52.0#
89	1.5	56.2 84.4#
182	0.0	1.8 2.6#

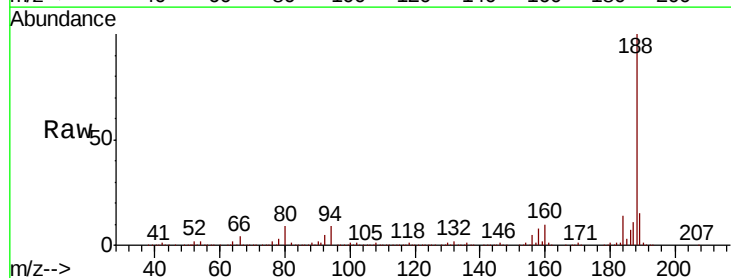


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

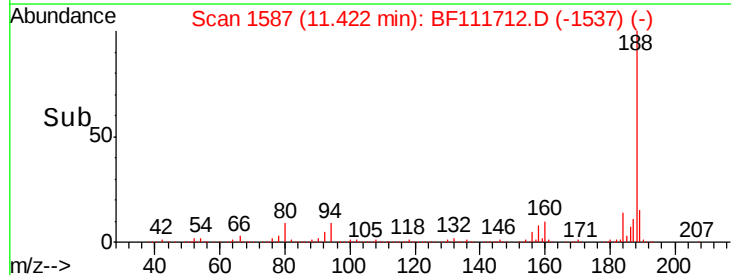
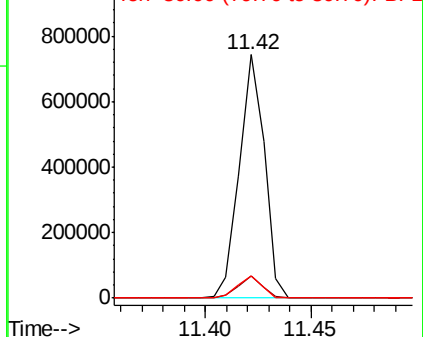


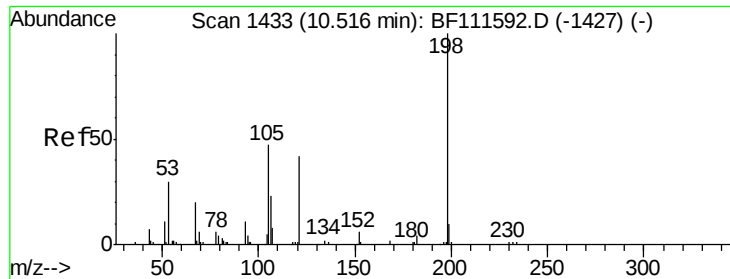
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF111712.D
 Acq: 26 Dec 2018 13:29

Tgt Ion:188	Resp:	609972
Ion Ratio	Lower	Upper
188	100	
94	9.0	9.6 14.4#
80	9.3	9.8 14.6#



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

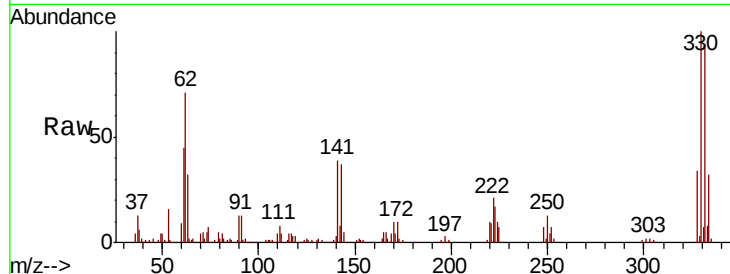




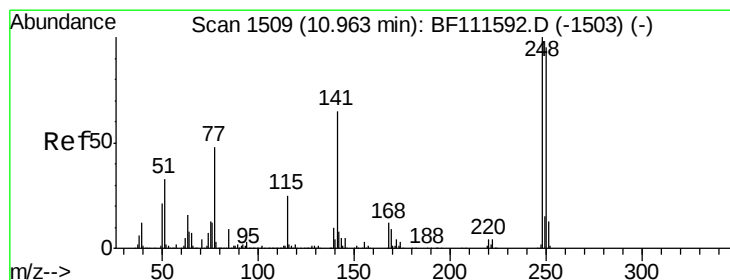
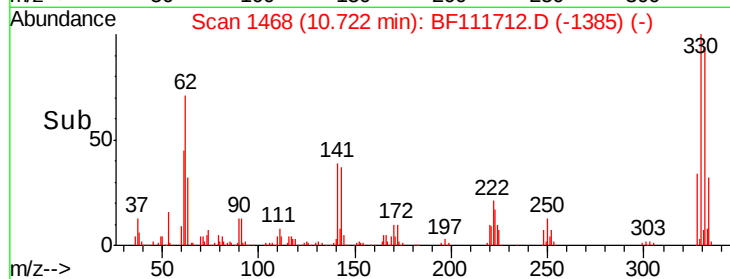
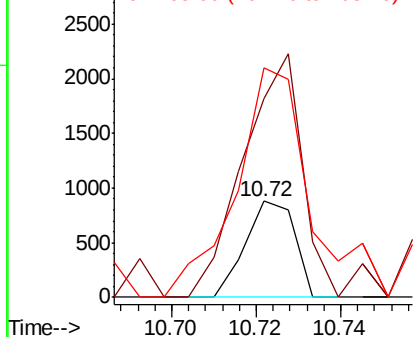
#65
4,6-Dinitro-2-methylphenol
Concen: 6.937 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:198 Resp: 715
Ion Ratio Lower Upper
198 100
51 207.5 48.0 88.0#
105 238.9 34.0 74.0#

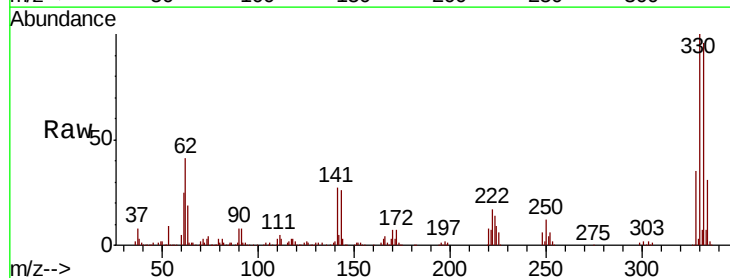


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

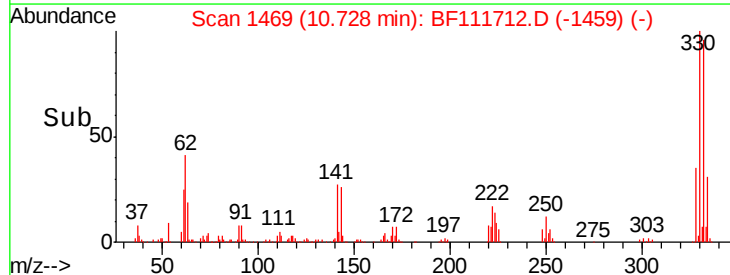
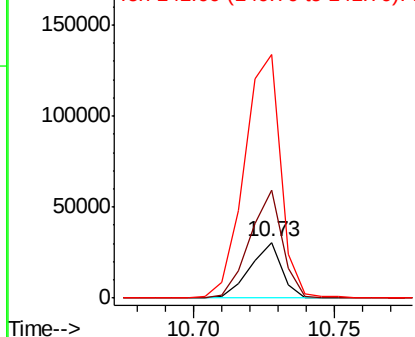


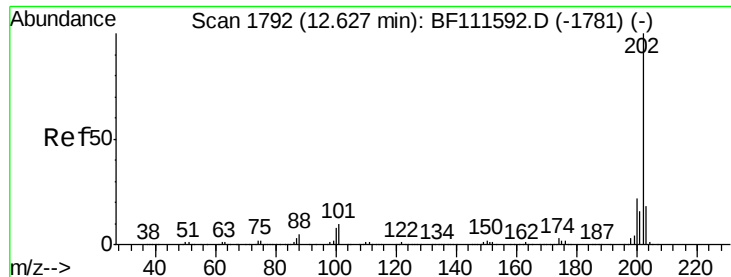
#67
4-Bromophenyl-phenylether
Concen: 3.150 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Tgt Ion:248 Resp: 23835
Ion Ratio Lower Upper
248 100
250 194.1 77.0 115.4#
141 435.2 63.0 94.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Fluoranthene

Concen: 2.479 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF111712.D

Acq: 26 Dec 2018 13:29

Instrument :

BNA_E

ClientSampleId :

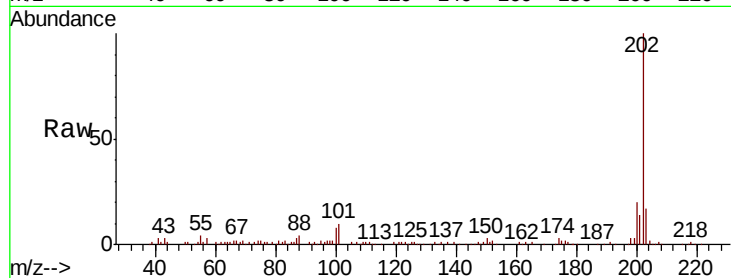
Tot Ion:202 Resp: 81209

Ion Ratio Lower Upper

202 100

101 10.1 0.0 33.8

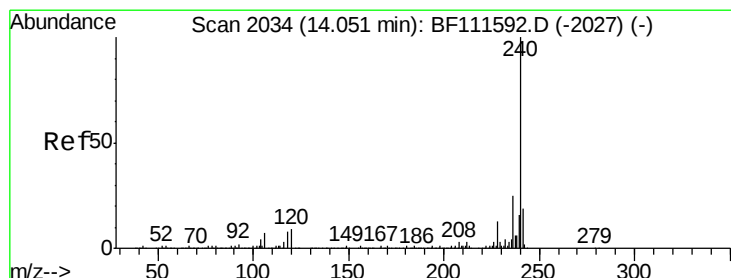
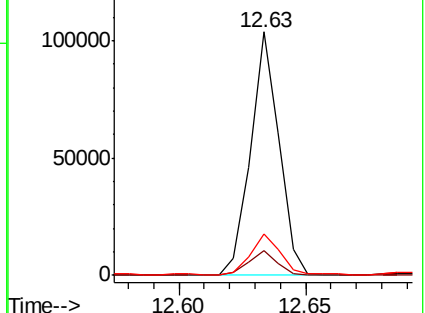
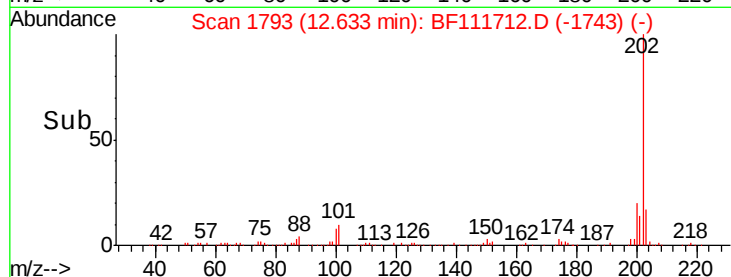
203 16.9 0.0 38.6



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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF111712.D

Acq: 26 Dec 2018 13:29

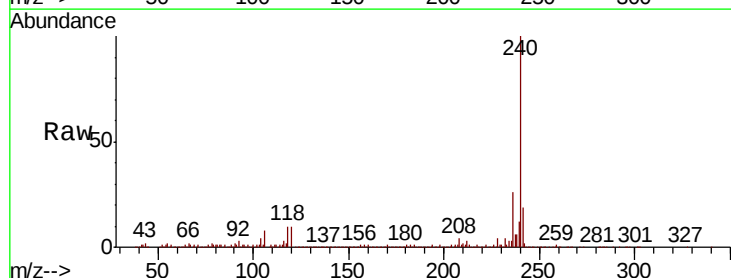
Tgt Ion:240 Resp: 468856

Ion Ratio Lower Upper

240 100

120 10.4 12.2 18.2#

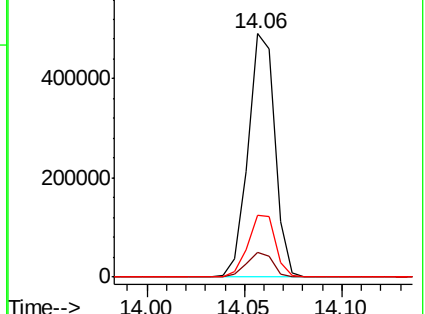
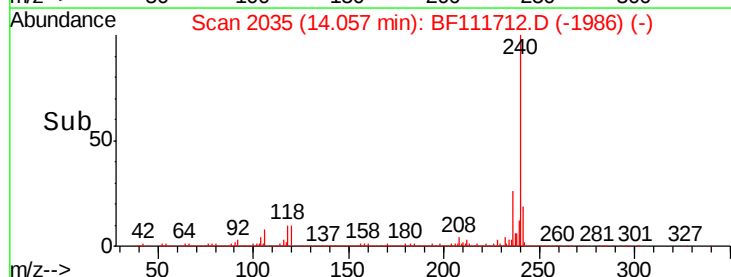
236 25.6 20.2 30.2

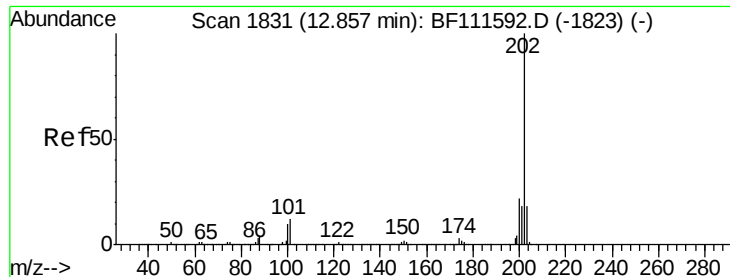


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

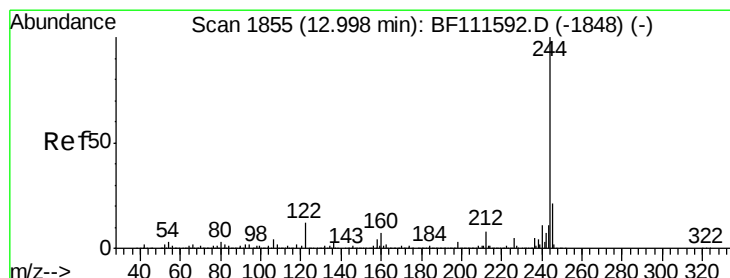
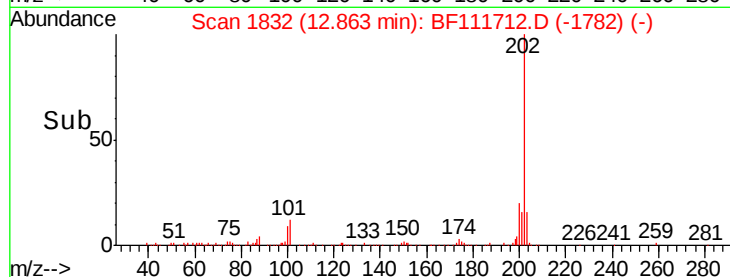
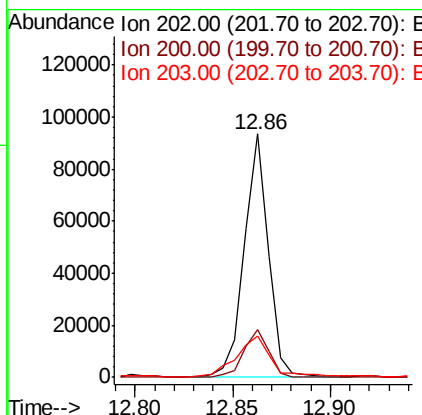
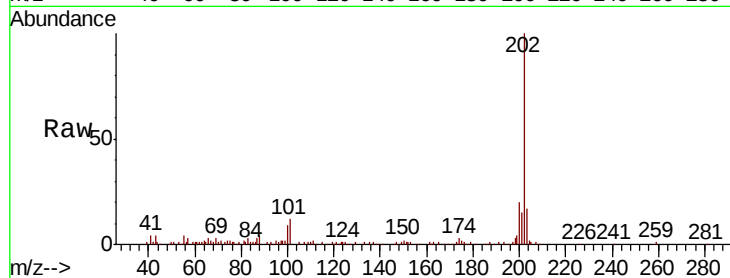




#78
Pvrene
Concen: 2.420 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

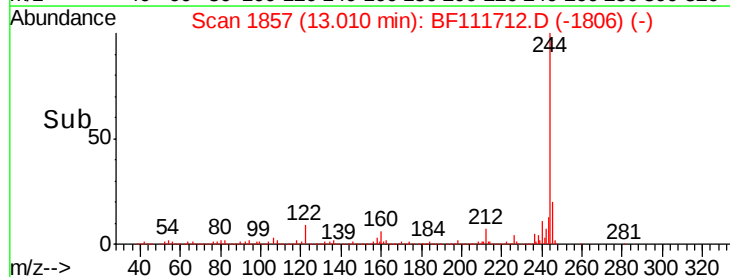
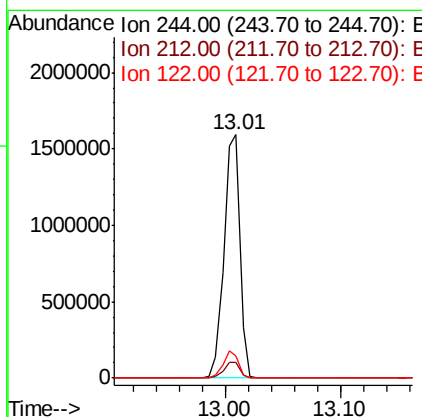
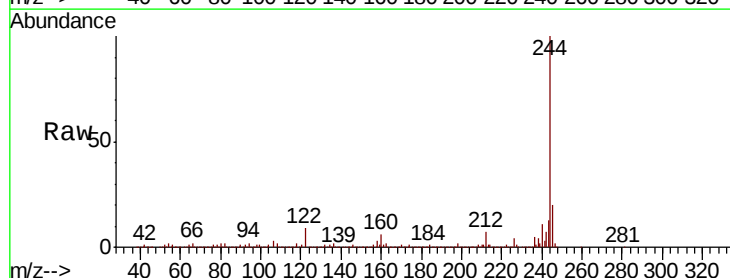
Instrument :
BNA_E
ClientSampleId :

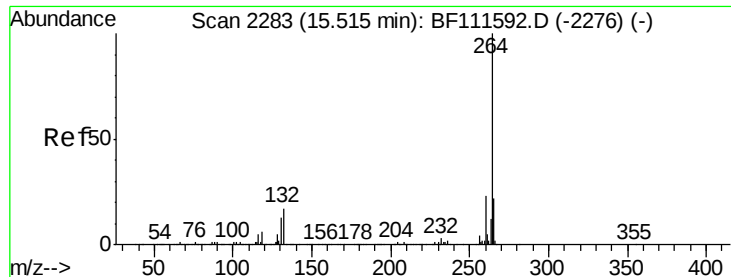
Tot Ion:202 Resp: 80134
Ion Ratio Lower Upper
202 100
200 19.5 19.0 28.4
203 17.1 15.2 22.8



#79
Terphenyl-d14
Concen: 61.412 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF111712.D
Acq: 26 Dec 2018 13:29

Tgt Ion:244 Resp: 1518302
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 9.1 13.1 19.7#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF111712.D

Acq: 26 Dec 2018 13:29

Instrument :

BNA_E

ClientSampleId :

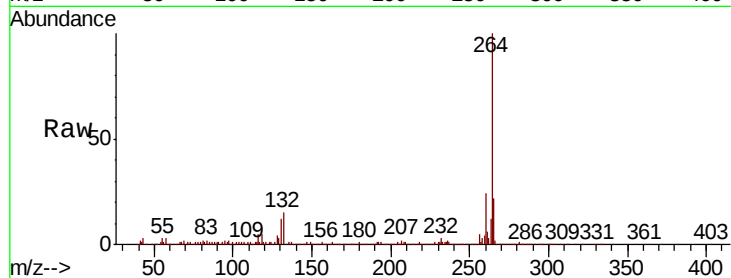
Tot Ion:264 Resp: 446700

Ion Ratio Lower Upper

264 100

260 24.5 18.3 27.5

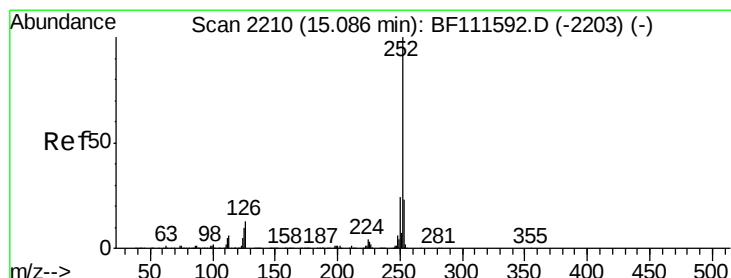
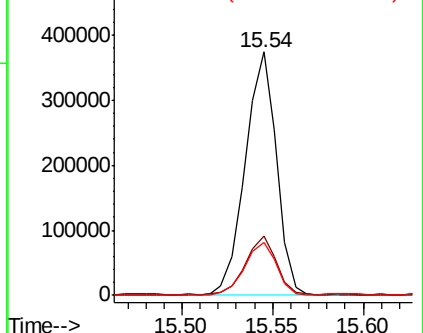
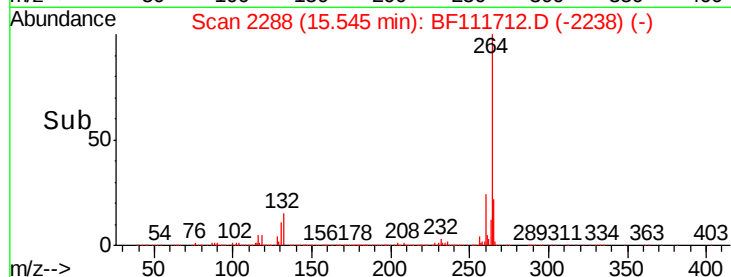
265 21.9 17.7 26.5



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: 2.891 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BF111712.D

Acq: 26 Dec 2018 13:29

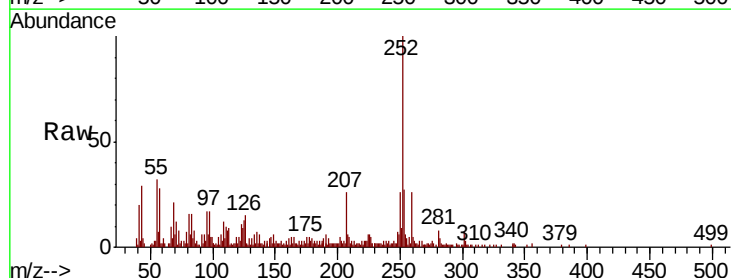
Tgt Ion:252 Resp: 75483

Ion Ratio Lower Upper

252 100

253 27.5 18.2 27.2#

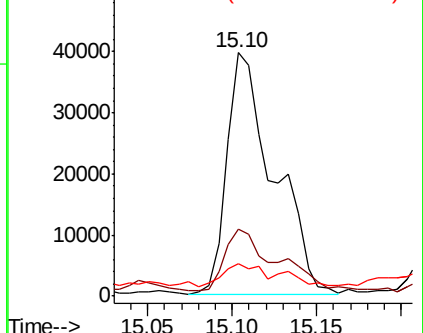
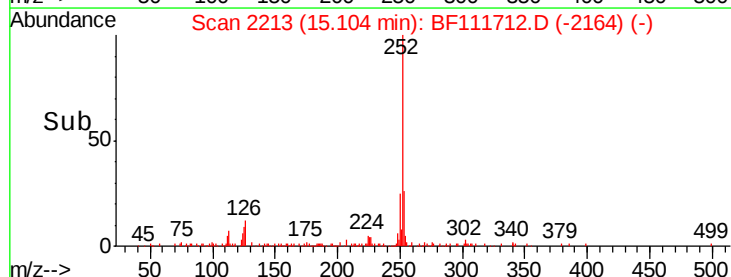
125 13.3 10.4 15.6

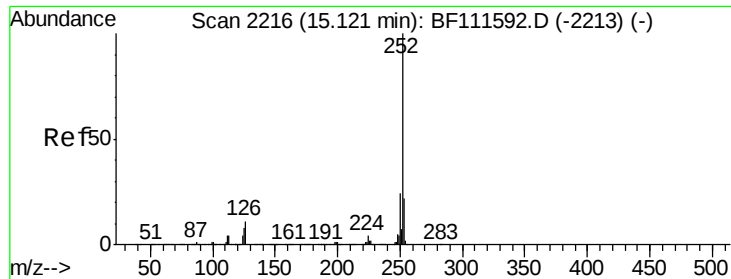


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.037 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.05 min

Lab File: BF111712.D

Acq: 26 Dec 2018 13:29

Instrument :

BNA_E

ClientSampleId :

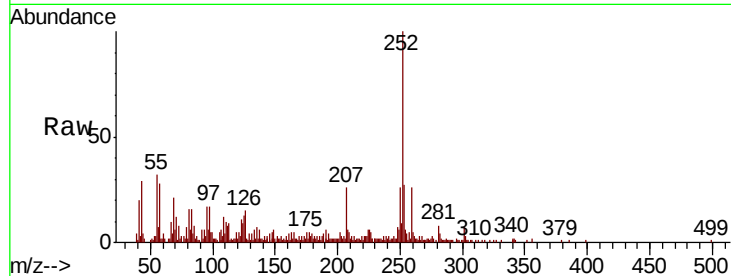
Tot Ion:252 Resp: 75483

Ion Ratio Lower Upper

252 100

253 27.5 18.1 27.1#

125 13.3 9.8 14.8



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

