

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111639.D
 Acq On : 20 Dec 2018 15:07
 Operator : JU/SJ
 Sample : J6481-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HOUSE-WALL

Quant Time: Dec 21 06:17:47 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 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	204698	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	751987	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	346479	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	536441	20.00	ng	0.00
76) Chrysene-d12	14.04	240	499652	20.00	ng	0.00
87) Perylene-d12	15.52	264	420118	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1093152	91.03	ng	0.00
7) Phenol-d6	6.52	99	1436197	93.97	ng	0.00
23) Nitrobenzene-d5	7.45	82	876432	67.84	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	342590	83.68	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1615792	67.97	ng	0.00
79) Terphenyl-d14	13.00	244	1263401	47.95	ng	0.00

Target Compounds

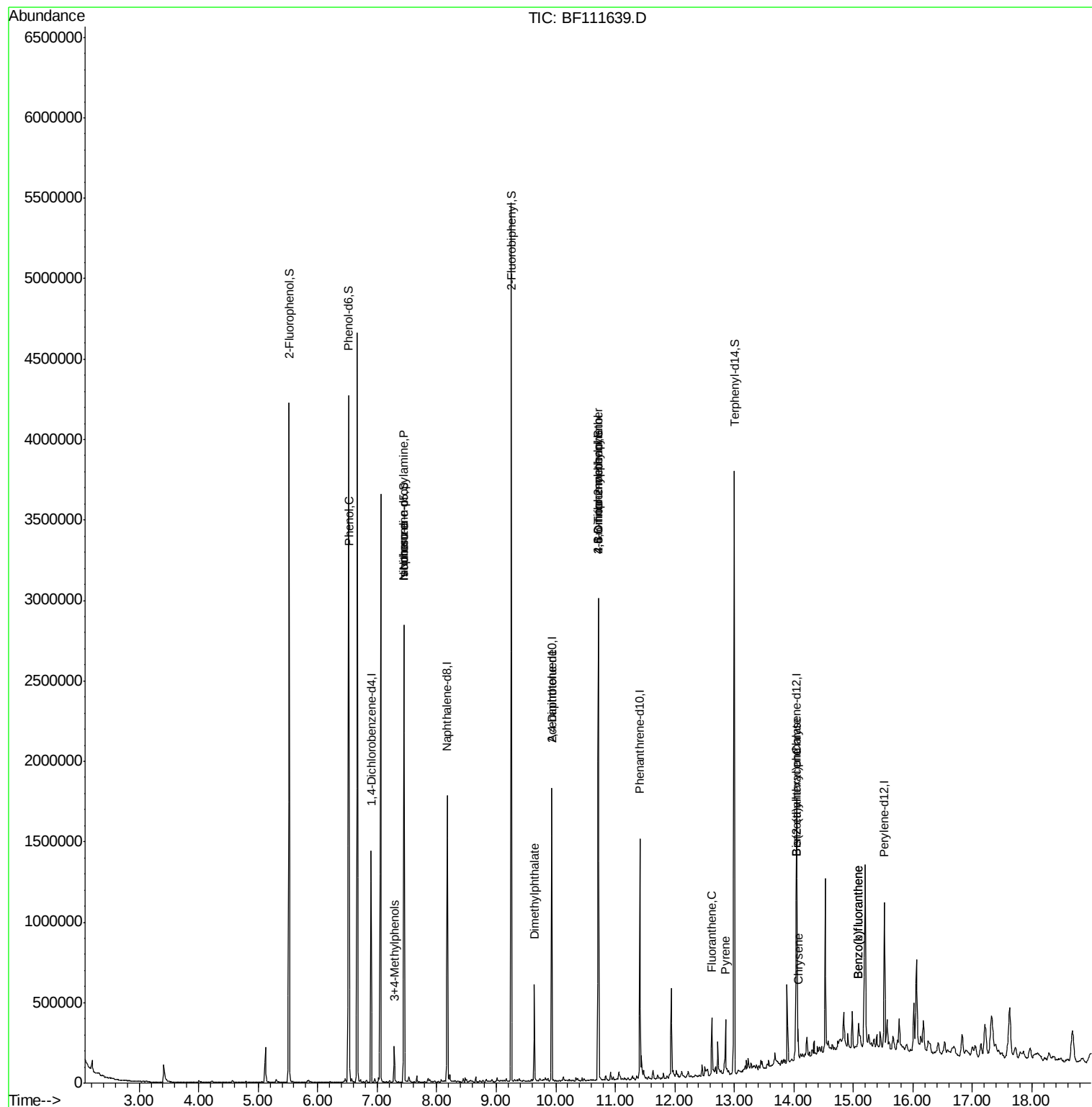
						Qvalue
10) Phenol	6.53	94	79841	4.630	ng	98
19) n-Nitroso-di-n-propylamine	7.45	70	119139	11.738	ng	# 80
20) 3+4-Methylphenols	7.29	107	43123	3.204	ng	# 56
25) Isophorone	7.45	82	876586	38.221	ng	# 64
50) Dimethylphthalate	9.64	163	203698	8.040	ng	97
57) 2,4-Dinitrotoluene	9.93	165	44528	7.333	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	582	6.919	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	21343	3.208	ng	# 1
75) Fluoranthene	12.62	202	127394	4.422	ng	95
78) Pyrene	12.85	202	117679	3.335	ng	94
81) Benzo(a)anthracene	14.03	228	66606	2.336	ng	97
83) Chrysene	14.07	228	72761	2.596	ng	95
84) Bis(2-ethylhexyl)phthalate	14.03	149	51399	2.837	ng	# 98
88) Benzo(b)fluoranthene	15.09	252	119116	4.851	ng	99
89) Benzo(k)fluoranthene	15.09	252	119116	5.096	ng	98

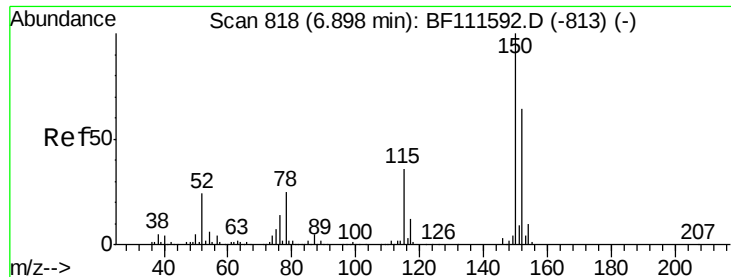
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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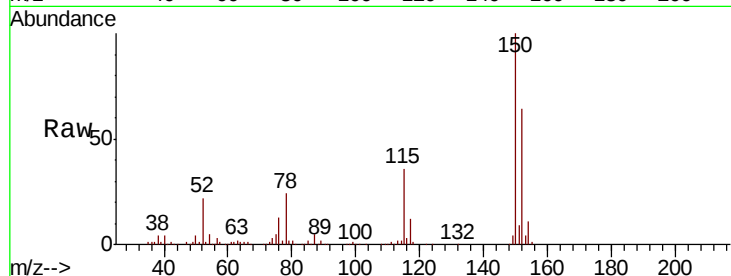


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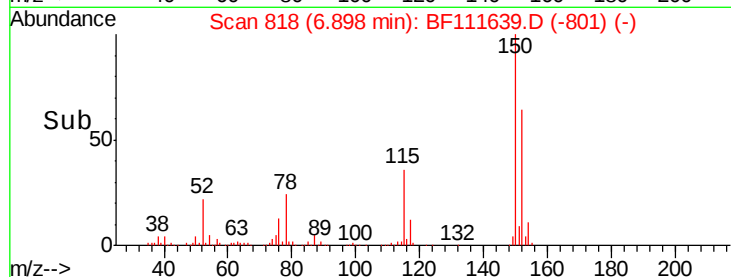
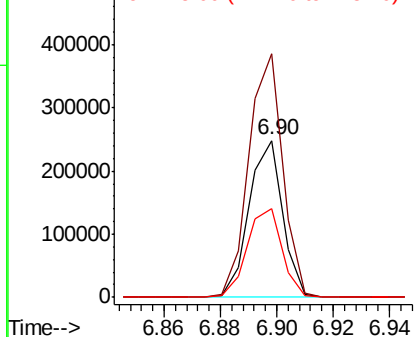
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :
HOUSE-WALL

Tgt Ion:152 Resp: 204698
Ion Ratio Lower Upper
152 100
150 155.4 126.6 189.8
115 56.5 50.7 76.1



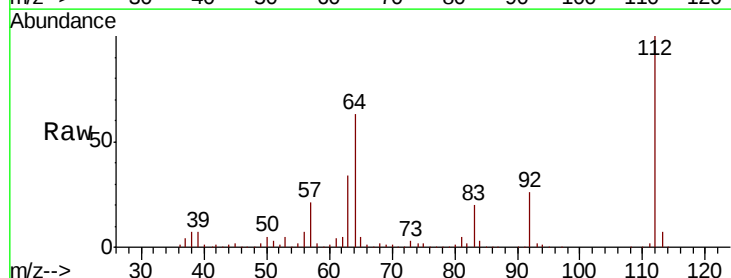
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



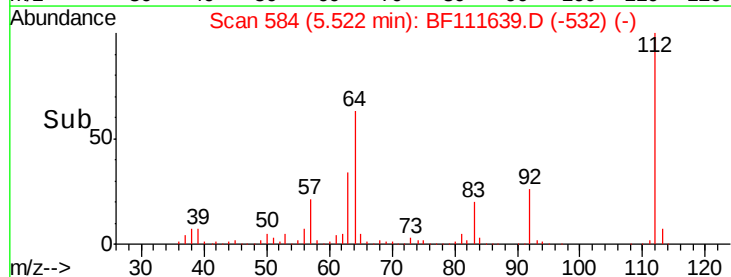
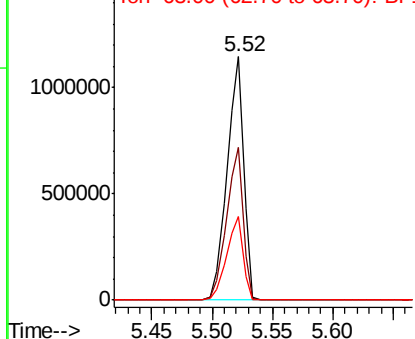
#5

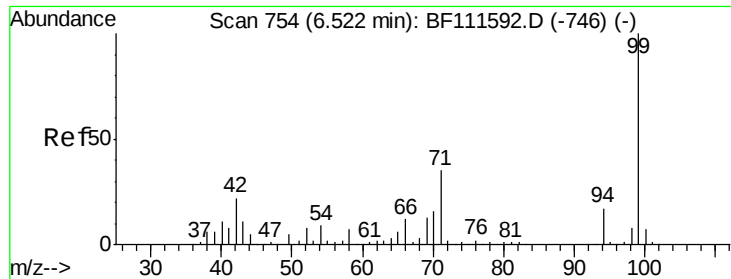
2-Fluorophenol
Concen: 91.027 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Tgt Ion:112 Resp: 1093152
Ion Ratio Lower Upper
112 100
64 62.6 51.8 77.6
63 34.2 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: 93.972 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

Instrument :

BNA_F

ClientSampleId :

HOUSE-WALL

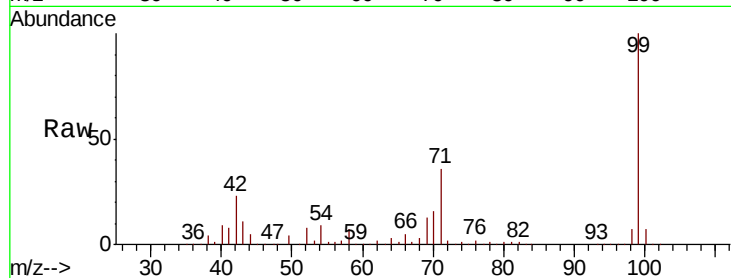
Tgt Ion: 99 Resp: 1436197

Ion Ratio Lower Upper

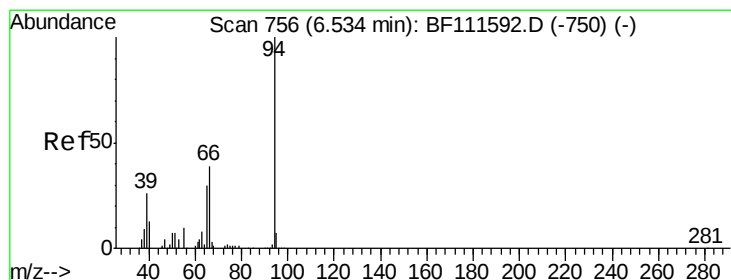
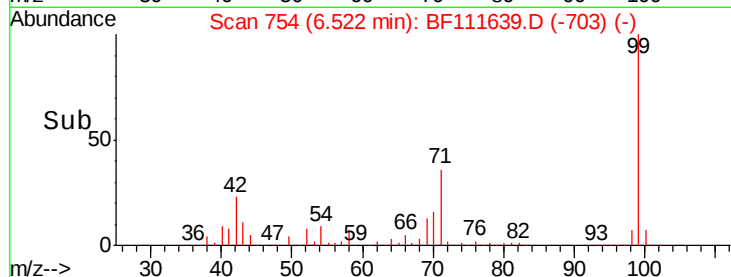
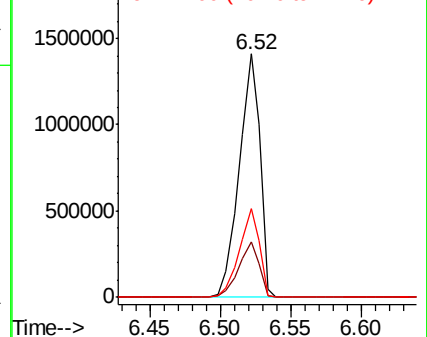
99 100

42 22.6 17.4 26.0

71 36.4 26.1 39.1



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: 4.630 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

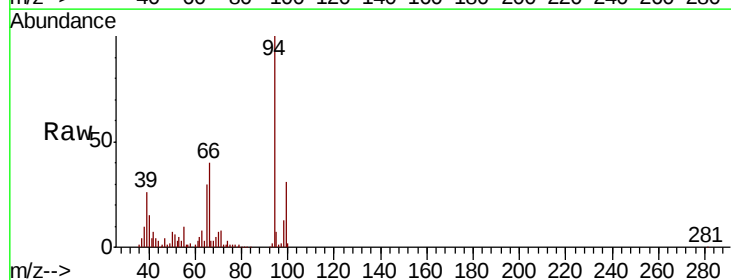
Tgt Ion: 94 Resp: 79841

Ion Ratio Lower Upper

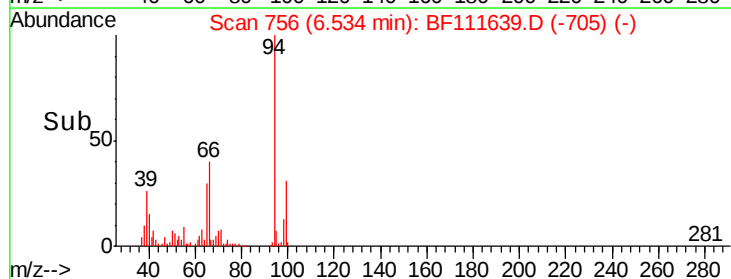
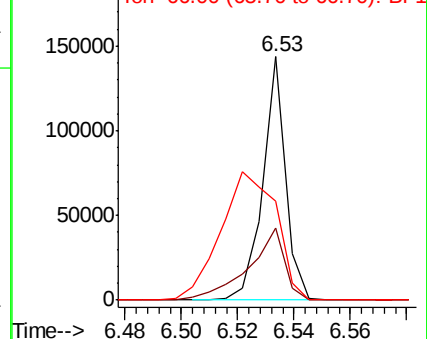
94 100

65 29.7 11.7 51.7

66 40.5 21.0 61.0



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

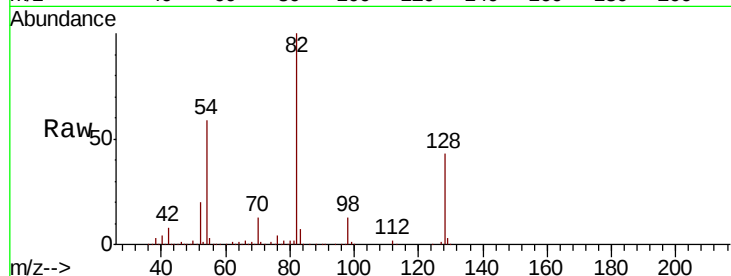




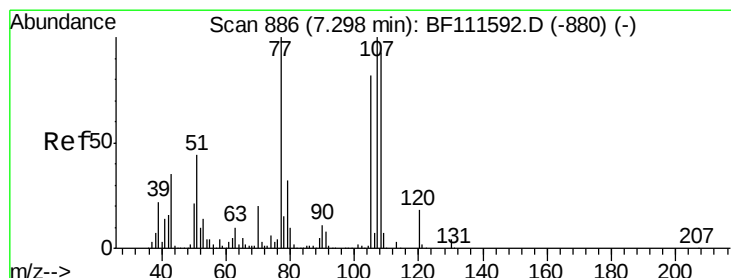
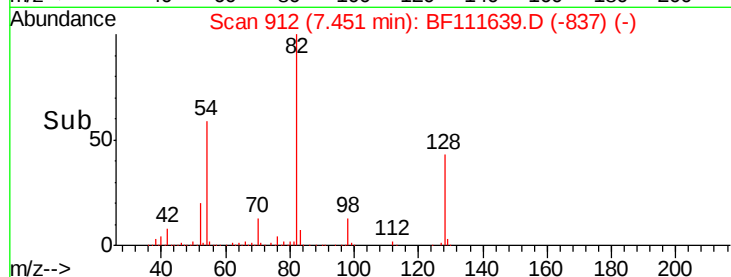
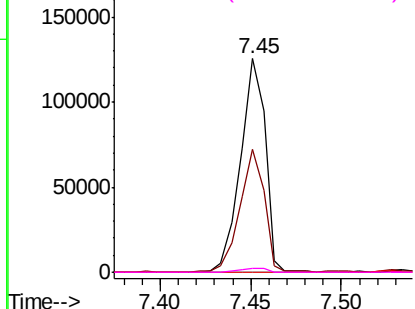
#19
n-Nitroso-di-n-propylamine
Concen: 11.738 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :
HOUSE-WALL

Tgt Ion: 70 Resp: 119139
Ion Ratio Lower Upper
70 100
42 57.8 53.2 79.8
101 0.0 8.2 12.4#
130 1.9 18.1 27.1#



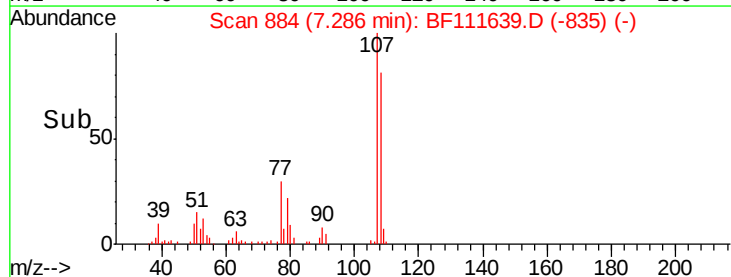
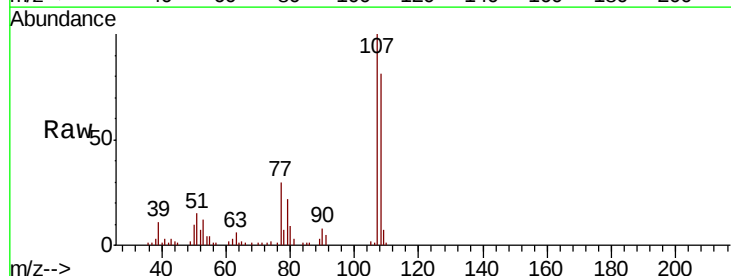
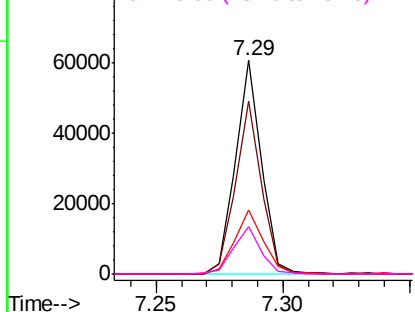
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

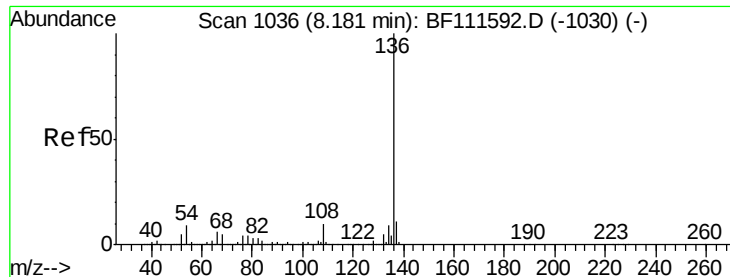


#20
3+4-Methylphenols
Concen: 3.204 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Tgt Ion: 107 Resp: 43123
Ion Ratio Lower Upper
107 100
108 80.8 72.1 112.1
77 30.0 94.1 134.1#
79 22.2 9.8 49.8

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

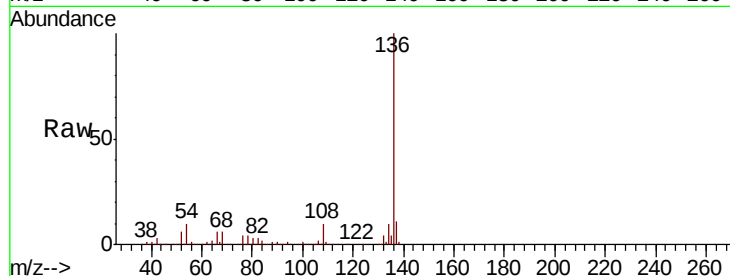




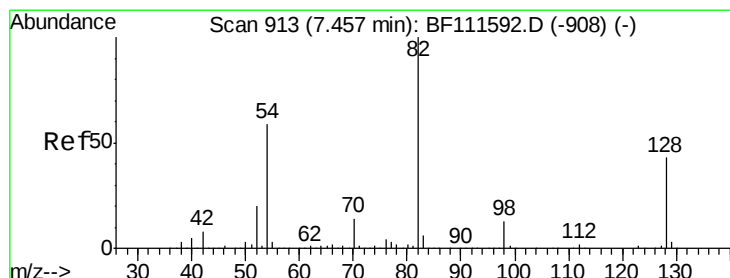
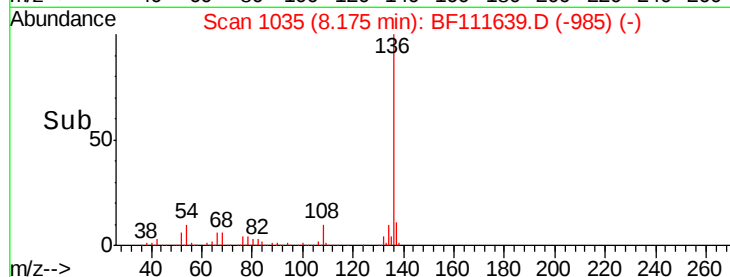
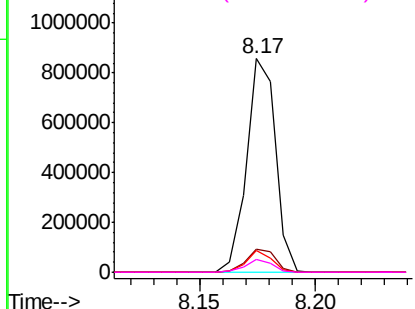
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :
HOUSE-WALL

Tgt Ion:	136	Resp:	751987
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.9	7.7	11.5
68	6.0	4.9	7.3

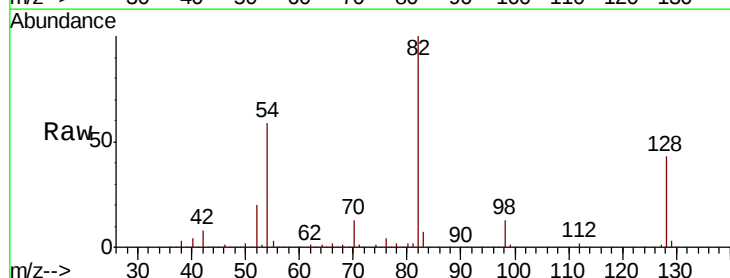


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

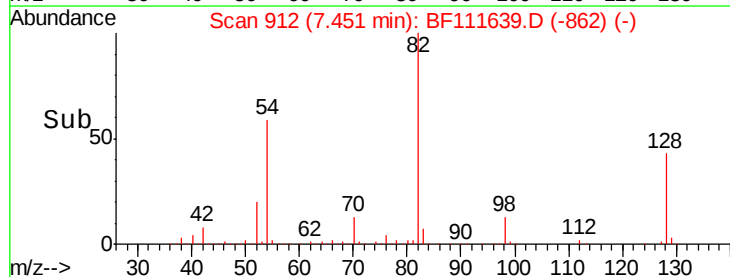
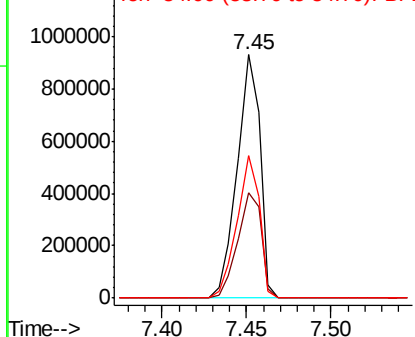


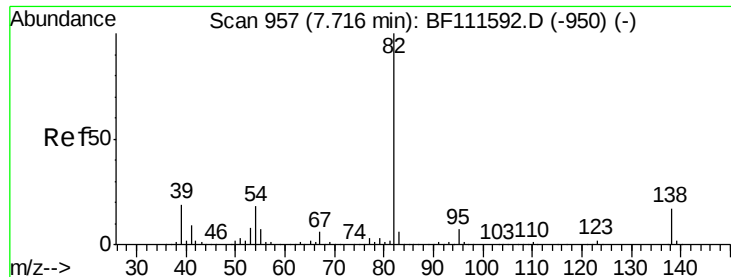
#23
Nitrobenzene-d5
Concen: 67.840 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Tgt Ion:	82	Resp:	876432
Ion	Ratio	Lower	Upper
82	100		
128	43.1	37.4	56.2
54	58.7	47.6	71.4



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

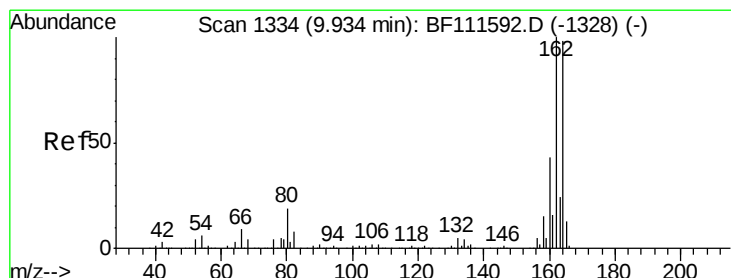
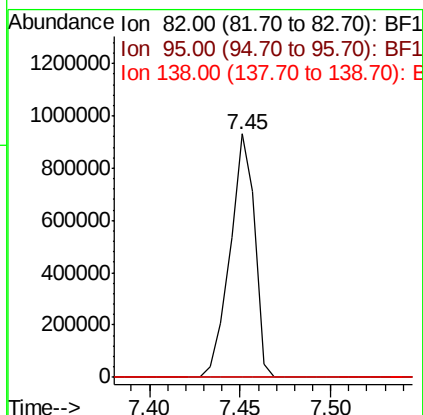
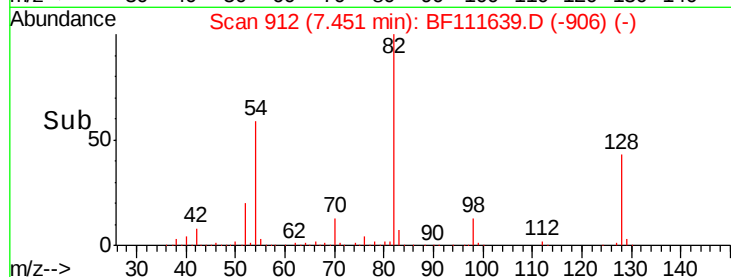
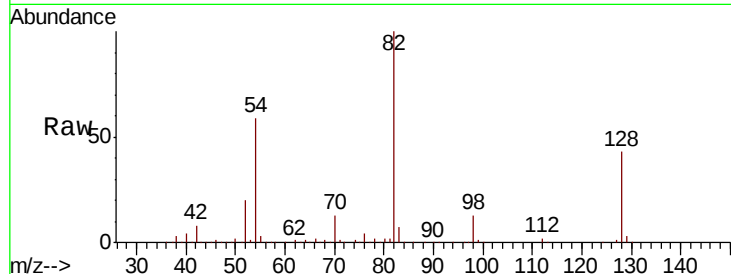




#25
Isophorone
Concen: 38.221 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

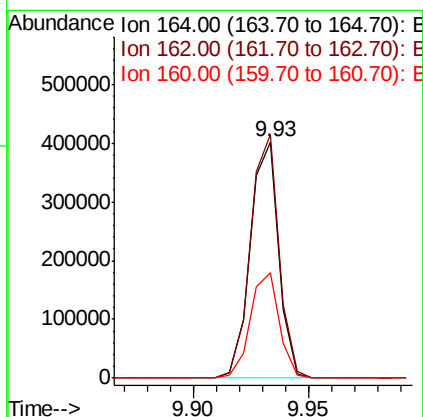
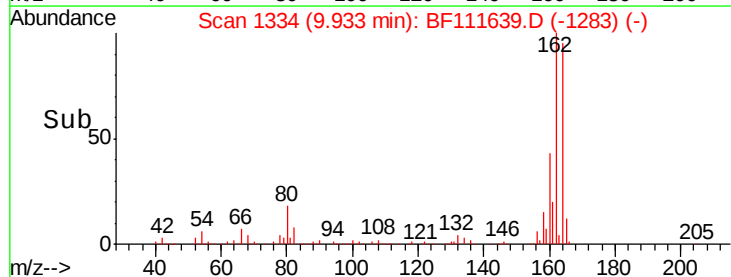
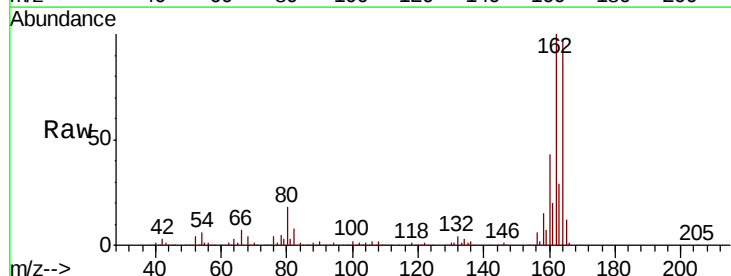
Instrument :
BNA_F
ClientSampleId :
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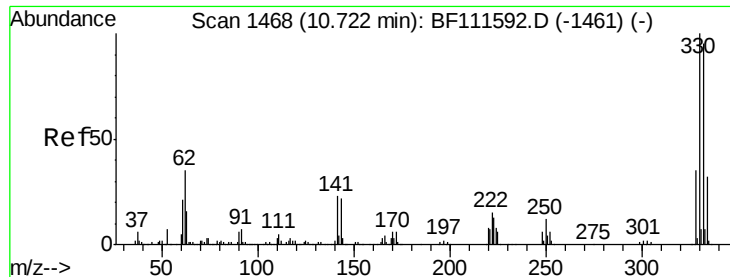
Tgt Ion: 82 Resp: 876586
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Tgt Ion: 164 Resp: 346479
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 44.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 83.683 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

Instrument :

BNA_F

ClientSampleId :

HOUSE-WALL

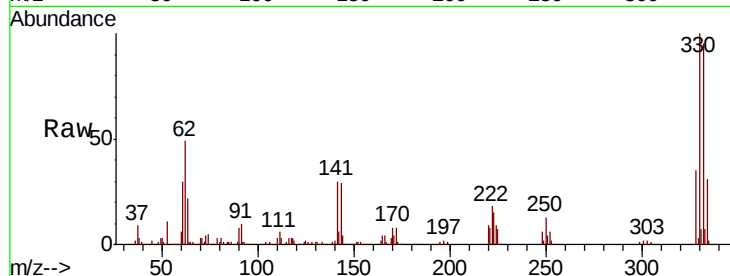
Tgt Ion:330 Resp: 342590

Ion Ratio Lower Upper

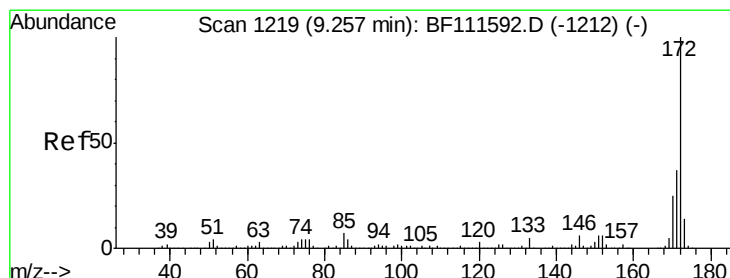
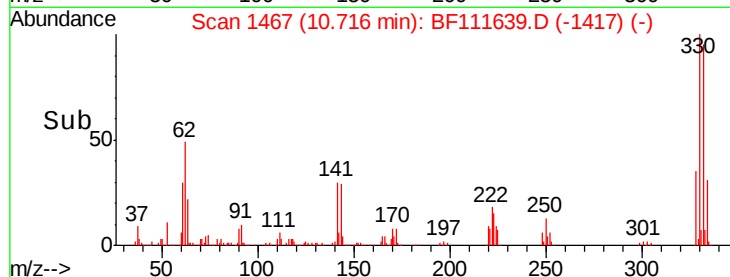
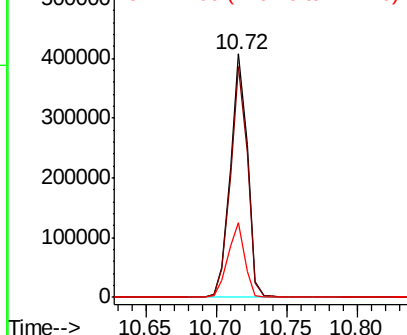
330 100

332 95.0 76.0 114.0

141 30.1 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: 67.974 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

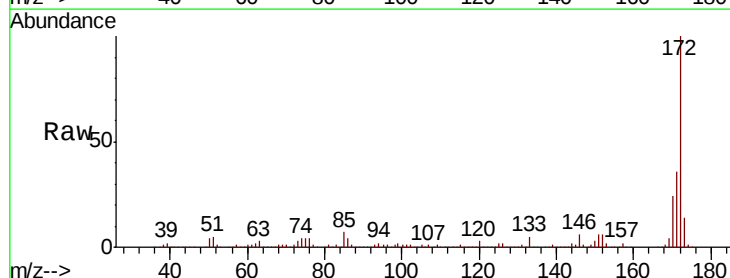
Tgt Ion:172 Resp: 1615792

Ion Ratio Lower Upper

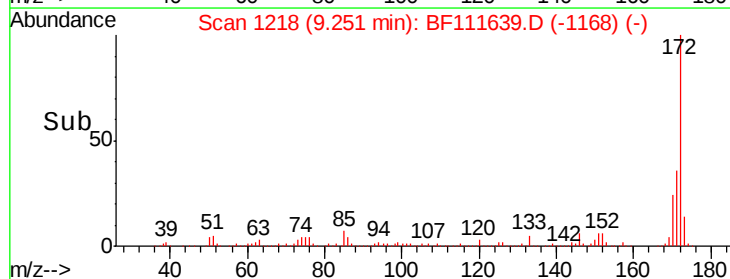
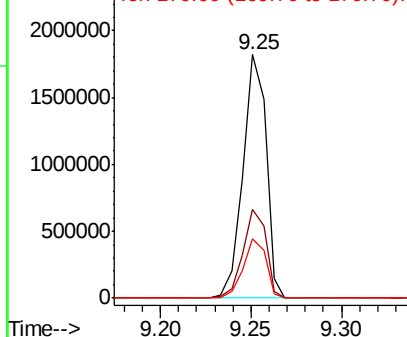
172 100

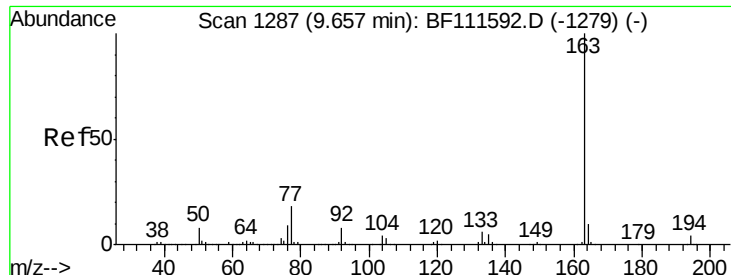
171 36.3 33.0 49.4

170 24.2 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

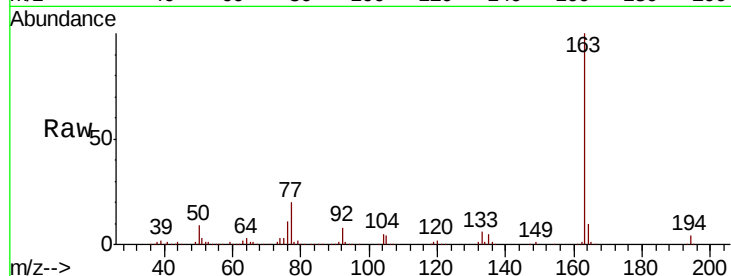




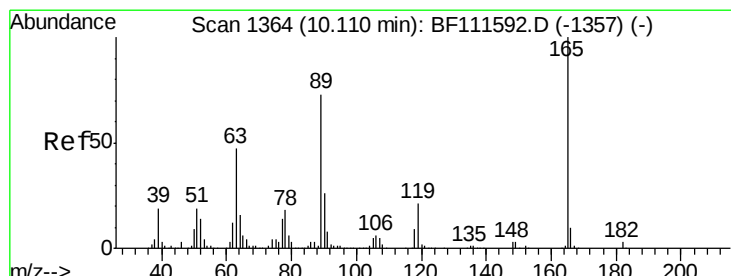
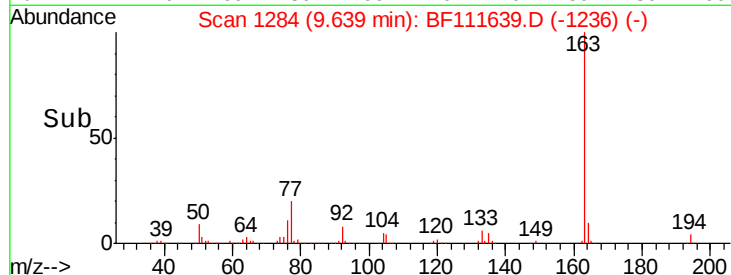
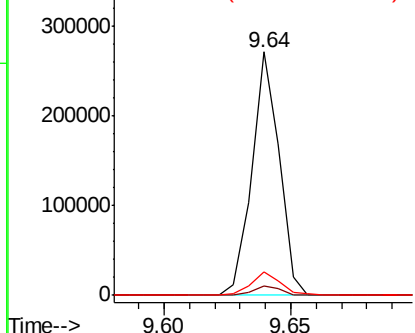
#50
Dimethylphthalate
Concen: 8.040 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :
HOUSE-WALL

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.8	8.9	13.3



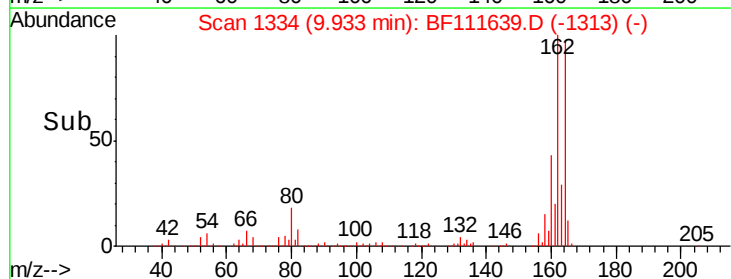
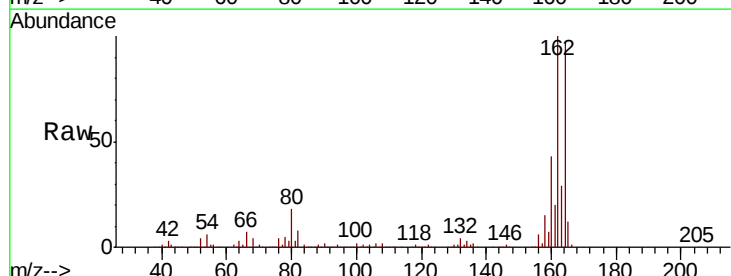
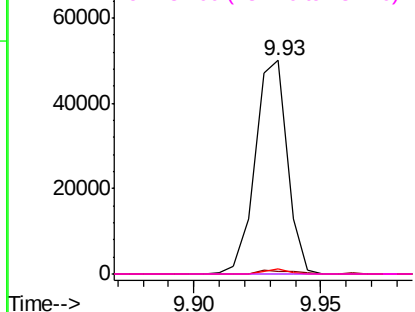
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

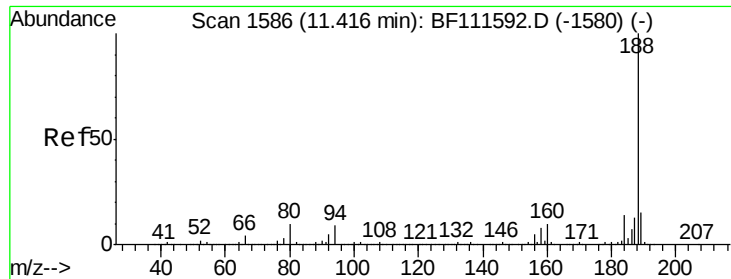


#57
2,4-Dinitrotoluene
Concen: 7.333 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	2.2	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

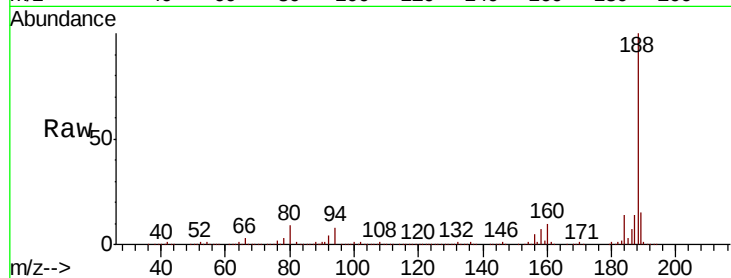




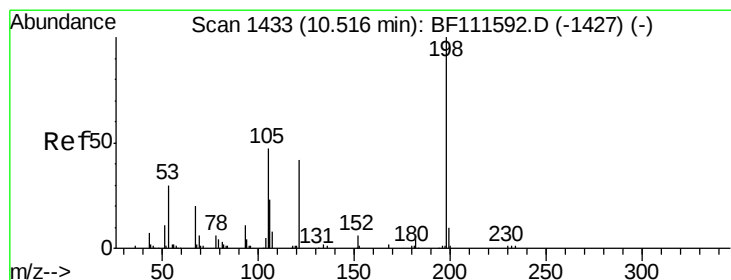
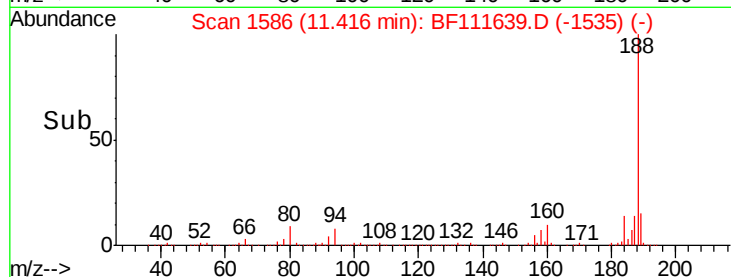
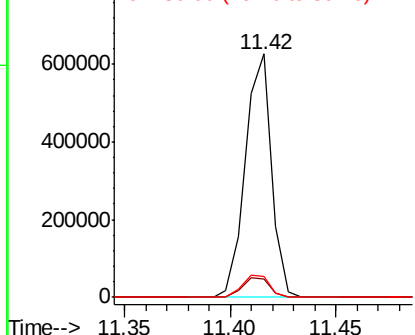
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :
HOUSE-WALL

Tgt Ion:188 Resp: 536441
Ion Ratio Lower Upper
188 100
94 7.7 9.6 14.4#
80 8.8 9.8 14.6#

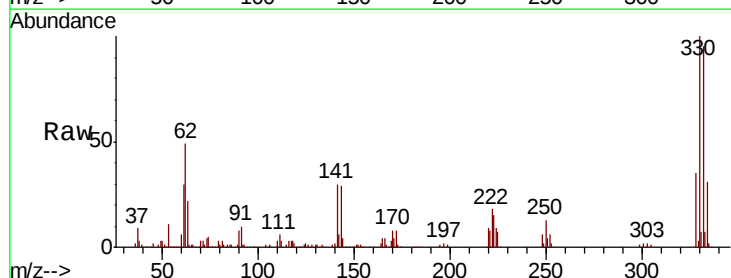


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

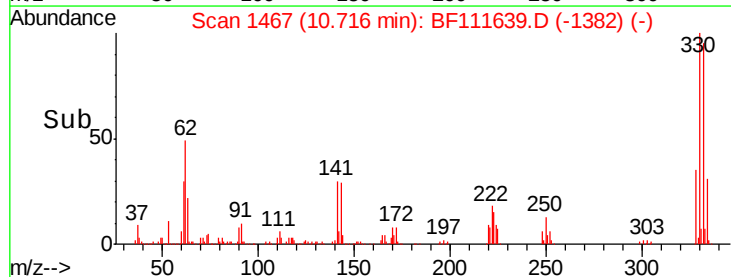
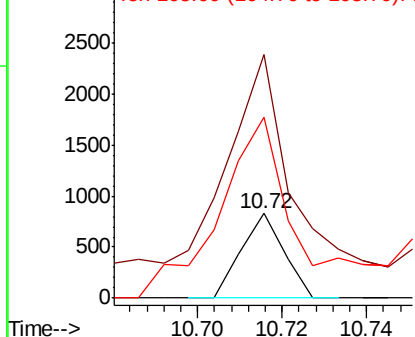


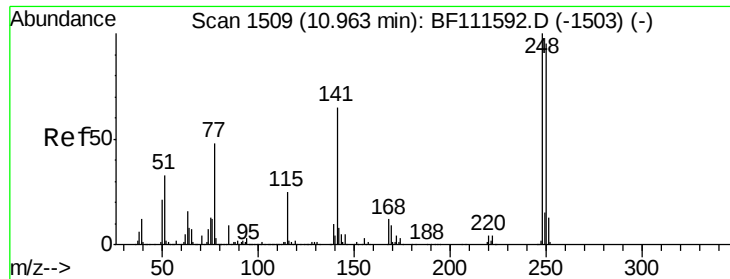
#65
4,6-Dinitro-2-methylphenol
Concen: 6.919 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Tgt Ion:198 Resp: 582
Ion Ratio Lower Upper
198 100
51 287.1 48.0 88.0#
105 212.7 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

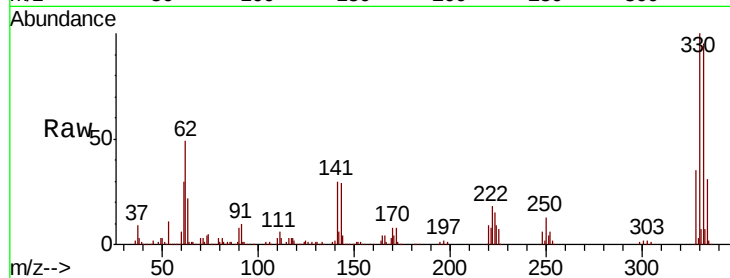




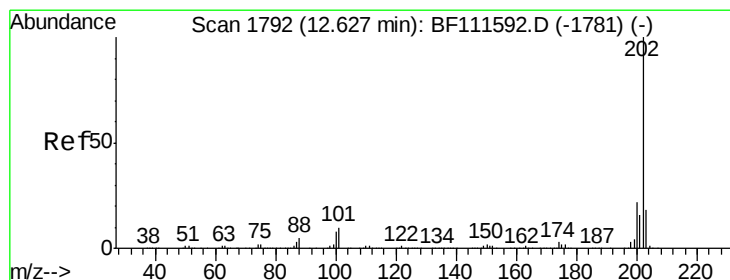
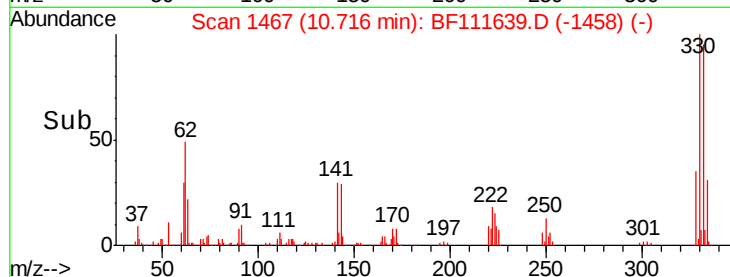
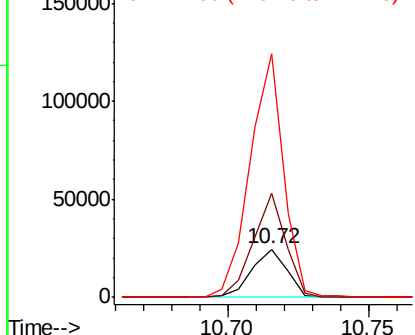
#67
 4-Bromophenyl-phenylether
 Concen: 3.208 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF111639.D
 Acq: 20 Dec 2018 15:07

Instrument :
 BNA_F
 ClientSampleId :
 HOUSE-WALL

Tgt Ion:248 Resp: 21343
 Ion Ratio Lower Upper
 248 100
 250 216.4 77.0 115.4#
 141 505.1 63.0 94.6#

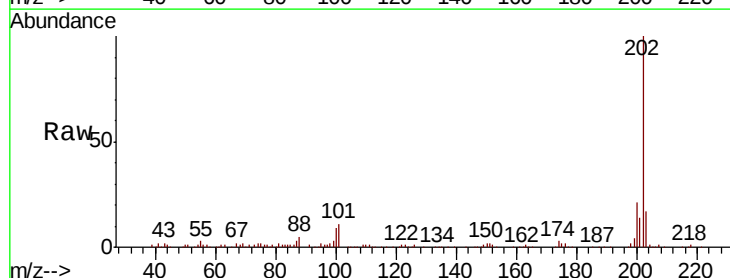


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

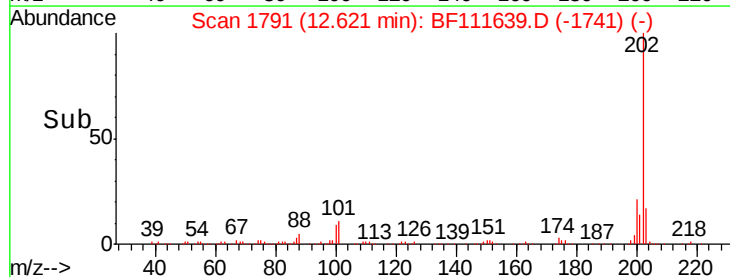
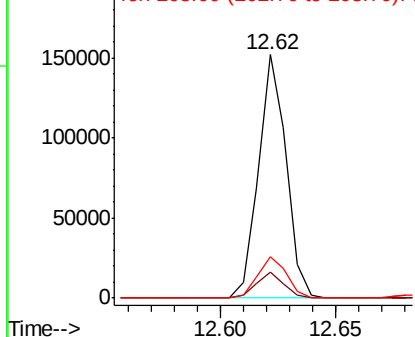


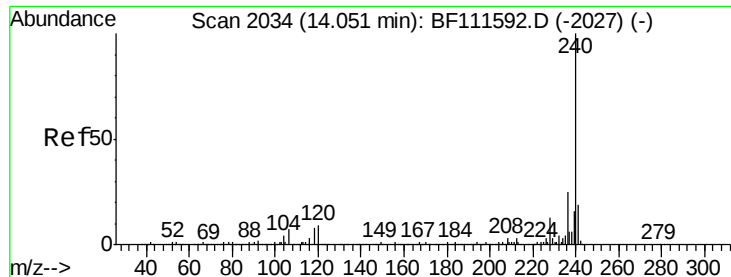
#75
 Fluoranthene
 Concen: 4.422 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF111639.D
 Acq: 20 Dec 2018 15:07

Tgt Ion:202 Resp: 127394
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 33.8
 203 17.2 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

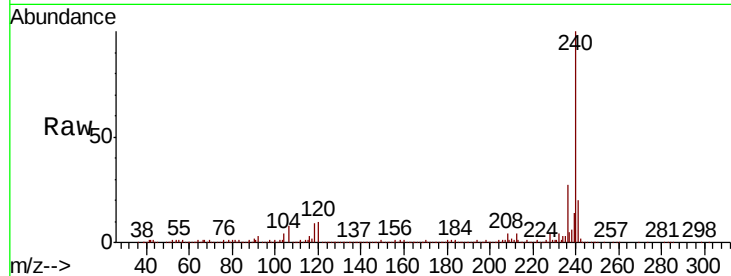




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Instrument :
BNA_F
ClientSampleId :
HOUSE-WALL

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	12.2	18.2#
236	26.6	20.2	30.2

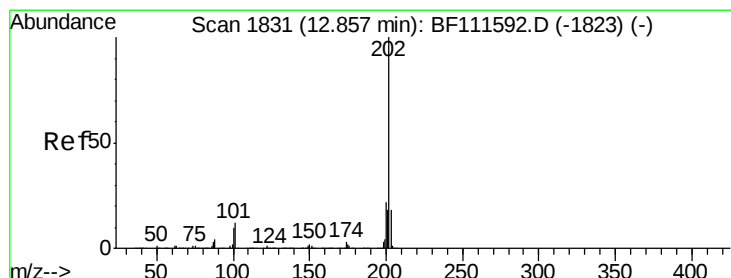
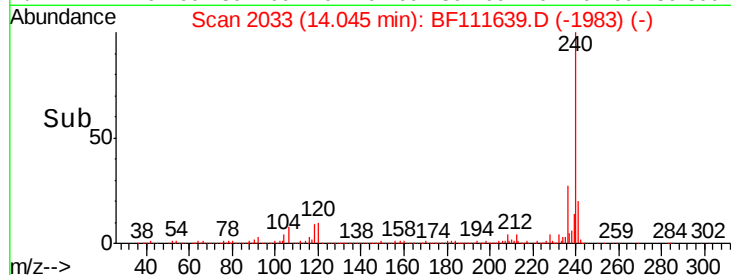
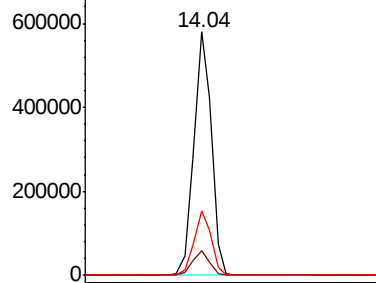


Abundance

Ion 240.00 (239.70 to 240.70): E

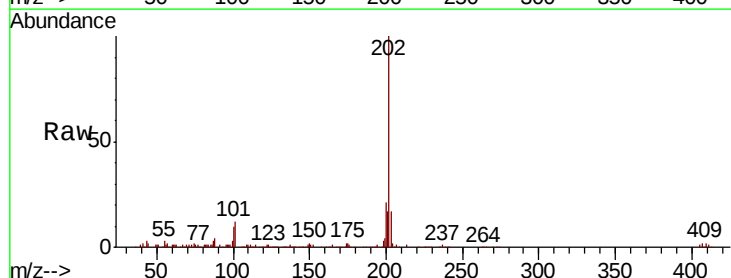
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 3.335 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	19.0	28.4
203	16.8	15.2	22.8

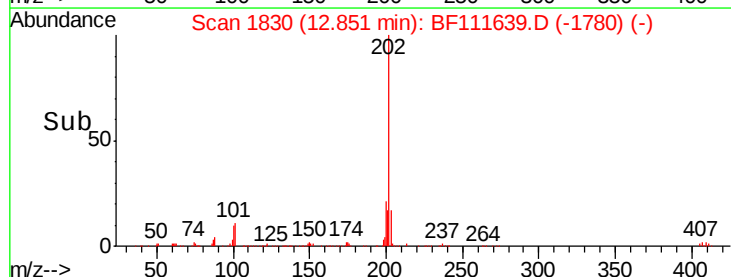
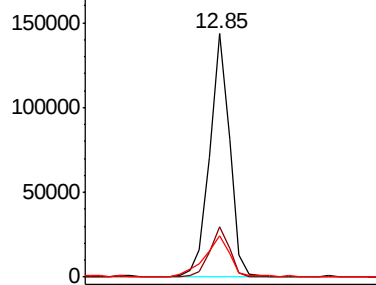


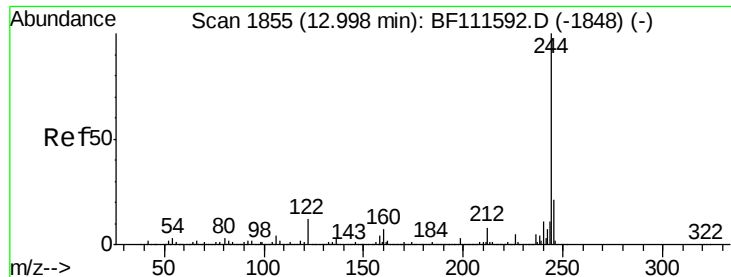
Abundance

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: 47.952 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

Instrument :

BNA_F

ClientSampleId :

HOUSE-WALL

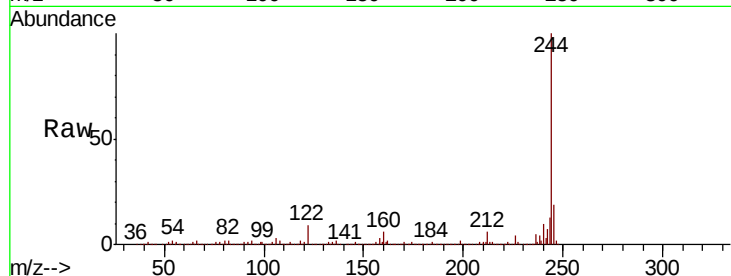
Tgt Ion:244 Resp: 1263401

Ion Ratio Lower Upper

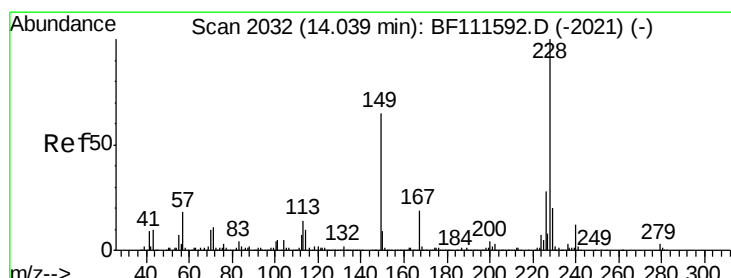
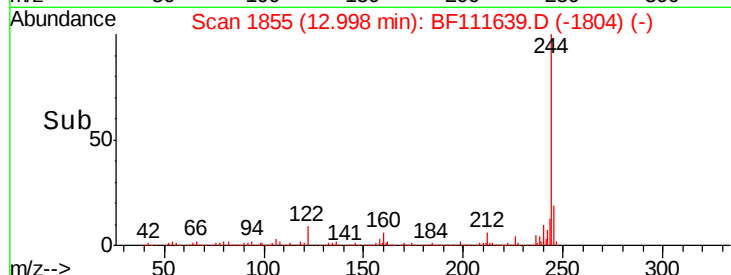
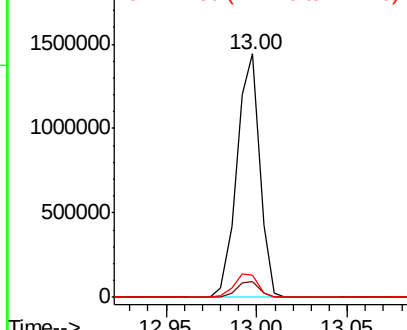
244 100

212 6.5 5.7 8.5

122 9.3 13.1 19.7#



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



#81

Benzo(a)anthracene

Concen: 2.336 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

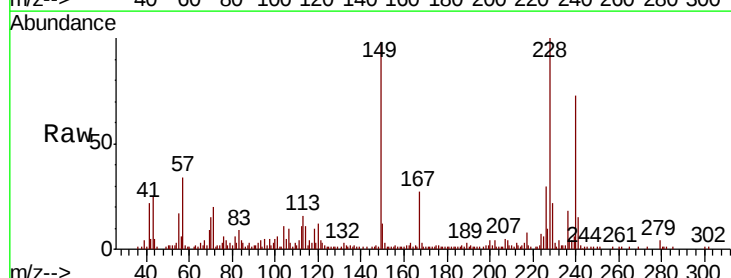
Tgt Ion:228 Resp: 66606

Ion Ratio Lower Upper

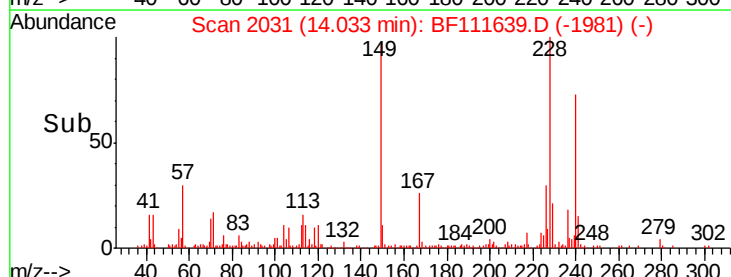
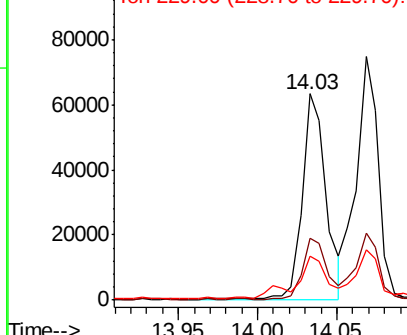
228 100

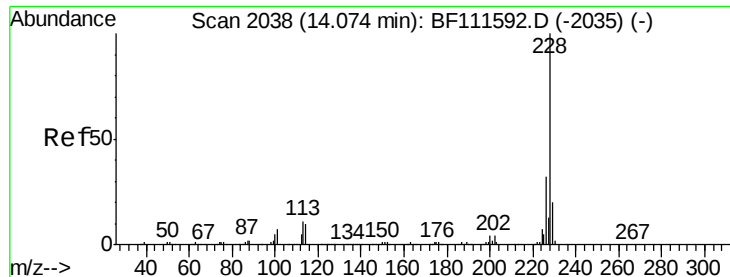
226 29.7 22.6 34.0

229 21.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 2.596 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

Instrument :

BNA_F

ClientSampleId :

HOUSE-WALL

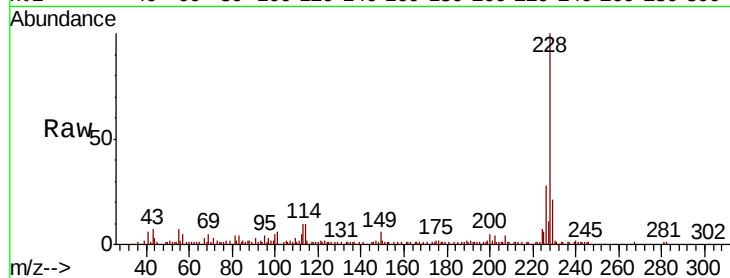
Tgt Ion:228 Resp: 72761

Ion Ratio Lower Upper

228 100

226 27.6 25.3 37.9

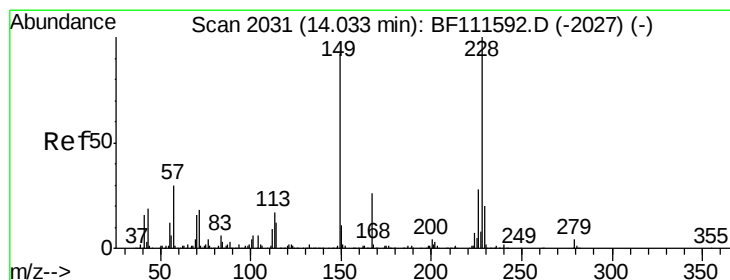
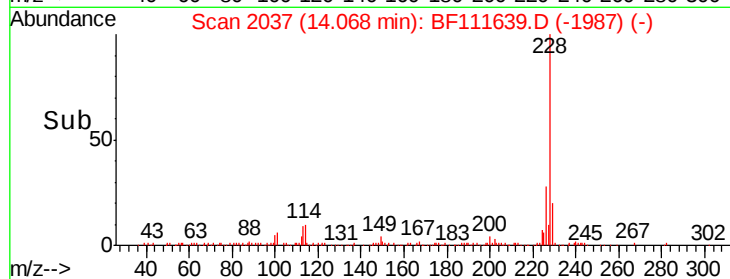
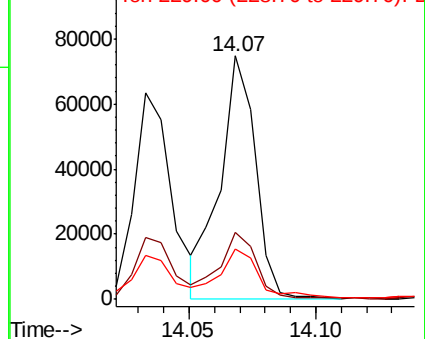
229 20.5 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.837 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111639.D

Acq: 20 Dec 2018 15:07

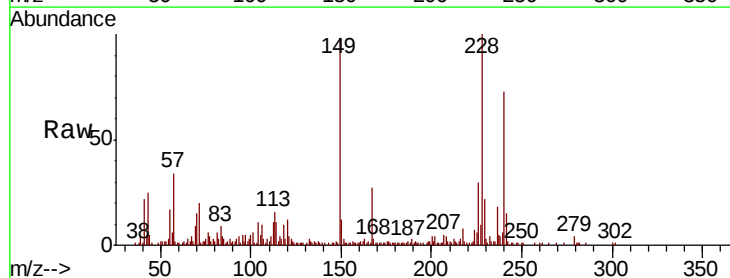
Tgt Ion:149 Resp: 51399

Ion Ratio Lower Upper

149 100

167 27.3 22.5 33.7

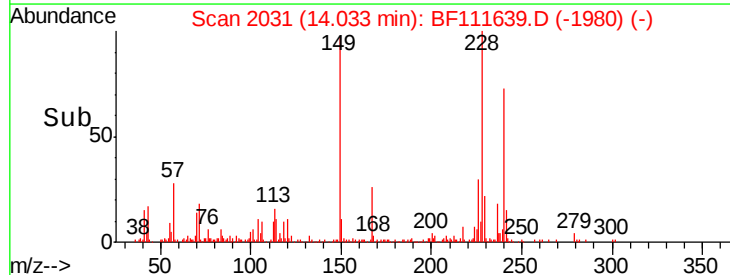
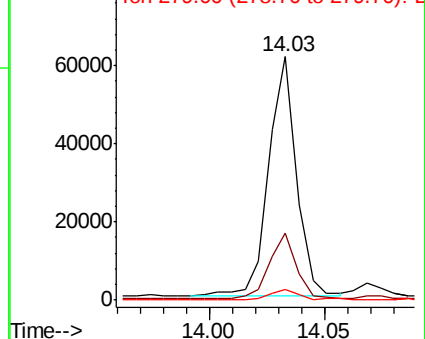
279 4.6 2.6 4.0#

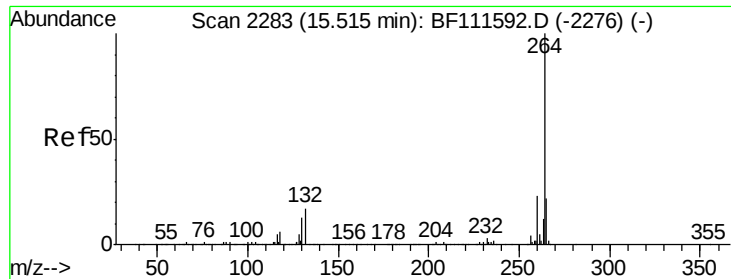


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

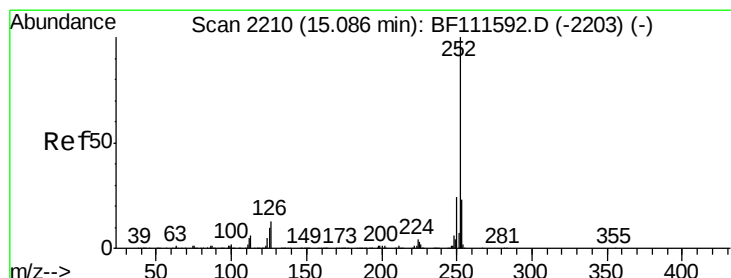
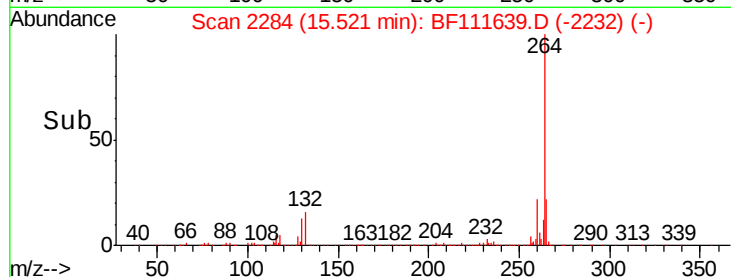
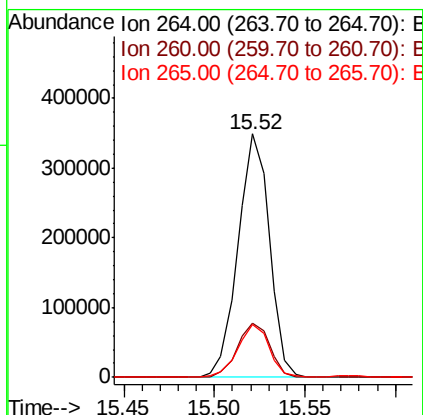
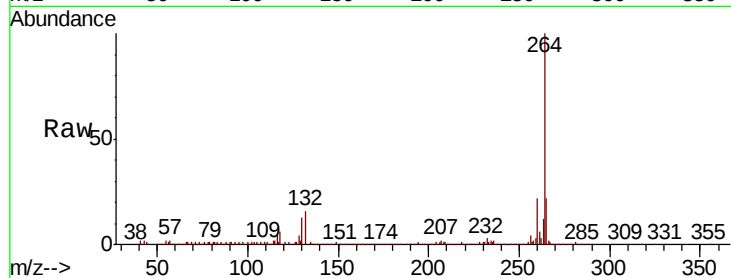




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

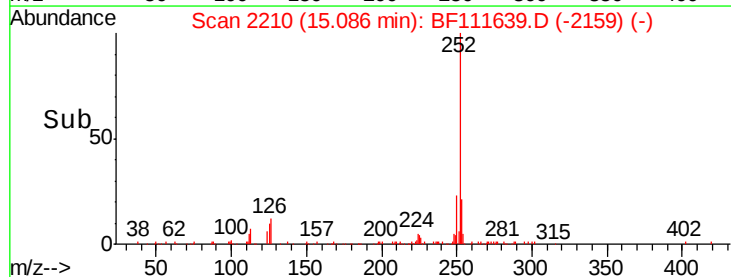
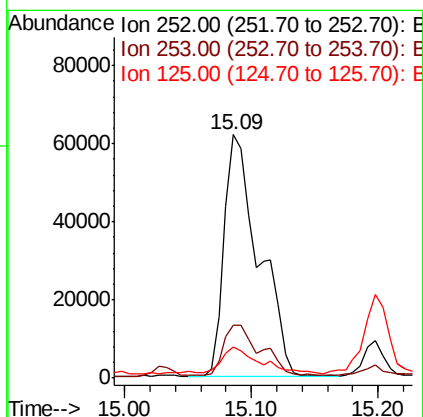
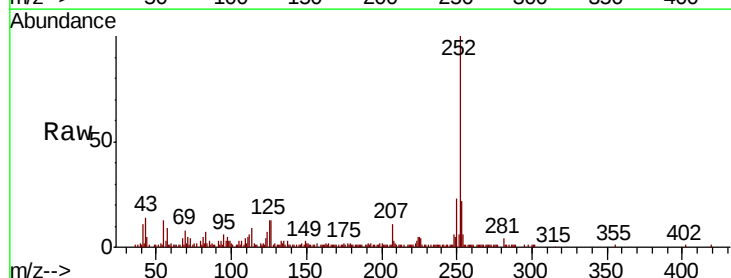
Instrument :
BNA_F
ClientSampleId :
HOUSE-WALL

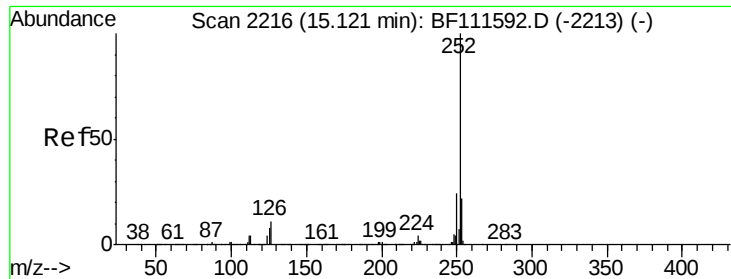
Tgt Ion:264 Resp: 420118
Ion Ratio Lower Upper
264 100
260 22.4 18.3 27.5
265 21.7 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 4.851 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF111639.D
Acq: 20 Dec 2018 15:07

Tgt Ion:252 Resp: 119116
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 12.8 10.4 15.6





#89
 Benzo(k)fluoranthene
 Concen: 5.096 ng
 RT: 15.09 min Scan# 2210
 Delta R.T. -0.04 min
 Lab File: BF111639.D
 Acq: 20 Dec 2018 15:07

Instrument :
 BNA_F
 ClientSampleId :
 HOUSE-WALL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	12.8	9.8	14.8

