

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109131.D
 Acq On : 19 Sep 2018 7:50
 Operator : JU/SJ
 Sample : J4919-02DL2 25X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-03_COMP_FILLDL2

Quant Time: Sep 19 12:10:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

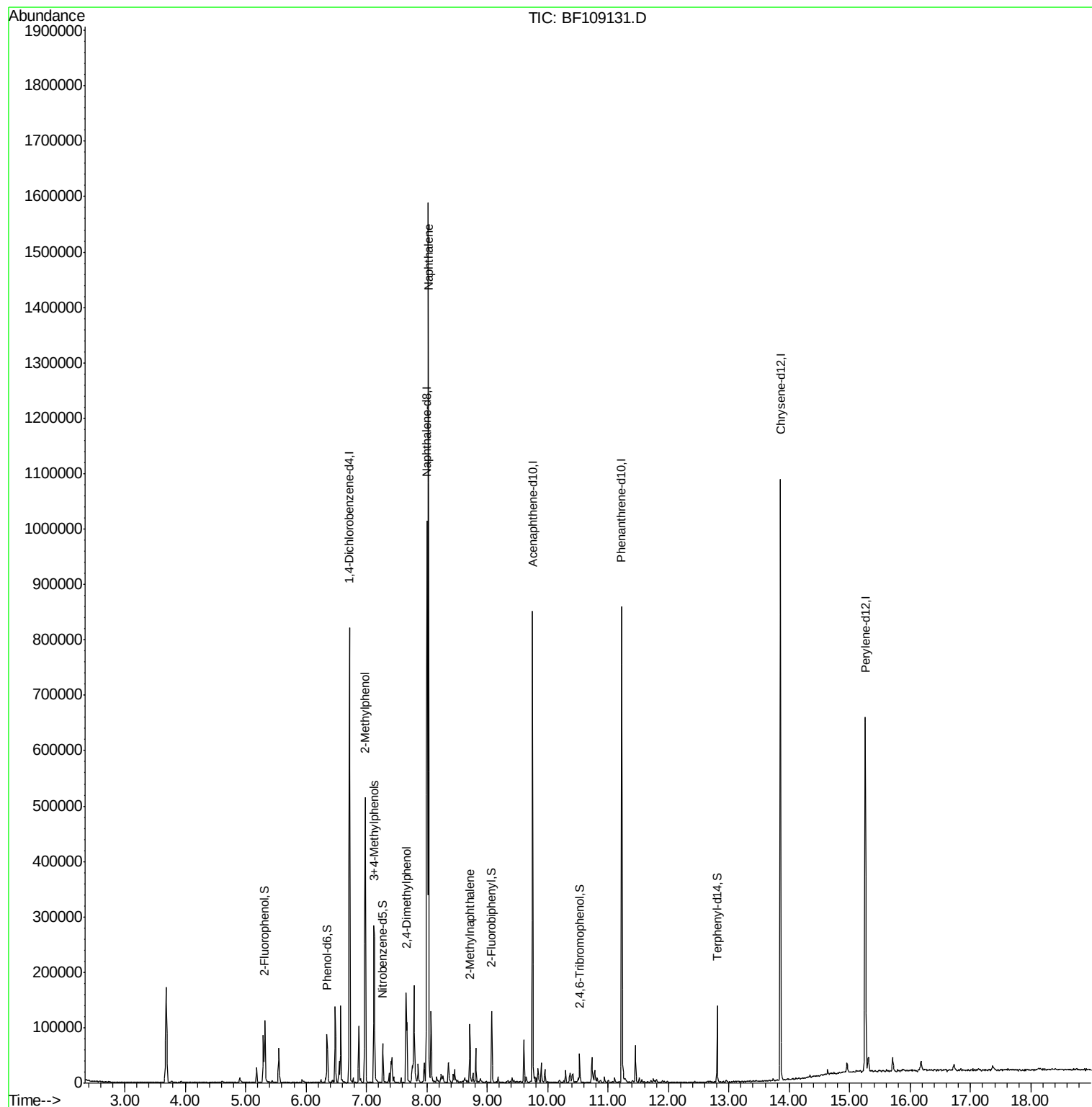
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	116552	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	403913	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	165630	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	313979	20.00	ng	0.00
75) Chrysene-d12	13.85	240	361154	20.00	ng	0.00
86) Perylene-d12	15.26	264	308707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	28002	3.99	ng	0.00
7) Phenol-d6	6.34	99	31369	3.47	ng	-0.02
23) Nitrobenzene-d5	7.27	82	21834	3.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	6638	3.69	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	43637	4.13	ng	0.00
78) Terphenyl-d14	12.81	244	47261	3.10	ng	0.00
Target Compounds						
17) 2-Methylphenol	6.97	107	18062	2.819	ng	93
20) 3+4-Methylphenols	7.12	107	70649	9.156	ng	93
27) 2,4-Dimethylphenol	7.66	122	44533	8.189	ng	94
31) Naphthalene	8.02	128	628447	33.522	ng	99
37) 2-Methylnaphthalene	8.71	142	26202	2.144	ng	98

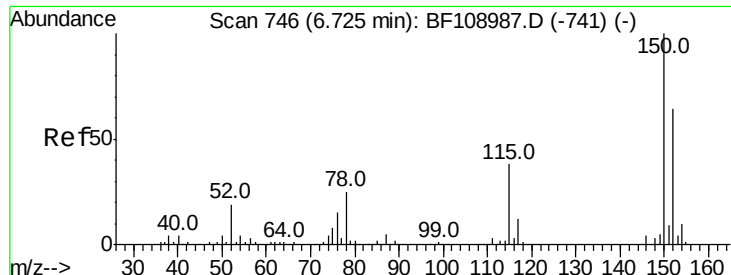
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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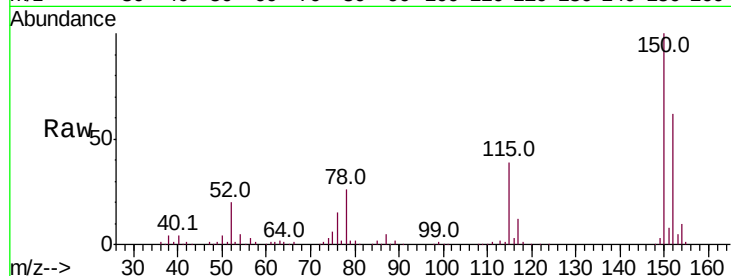


#1

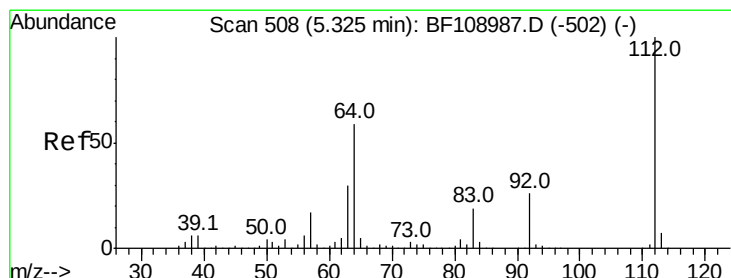
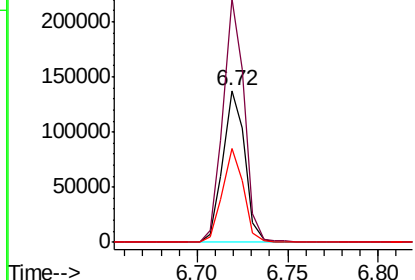
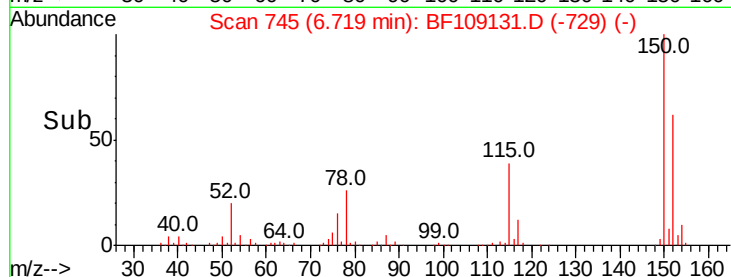
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109131.D
Acq: 19 Sep 2018 7:50

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-03_COMP_FILLDL2

Tot Ion:152 Resp: 116552
Ion Ratio Lower Upper
152 100
150 160.4 124.6 186.8
115 62.0 50.1 75.1



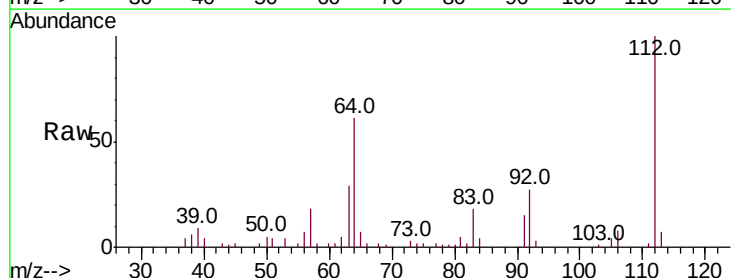
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



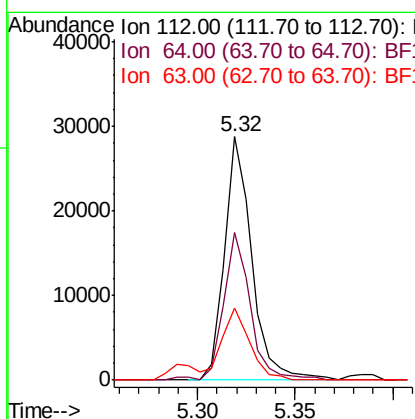
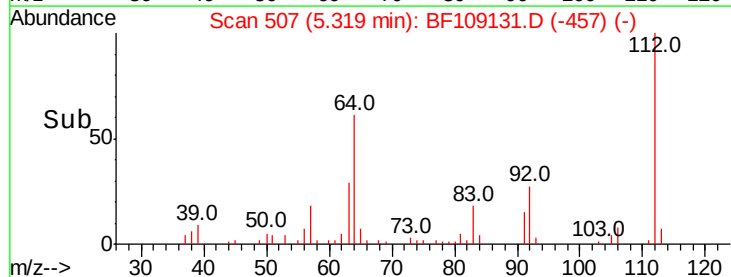
#5

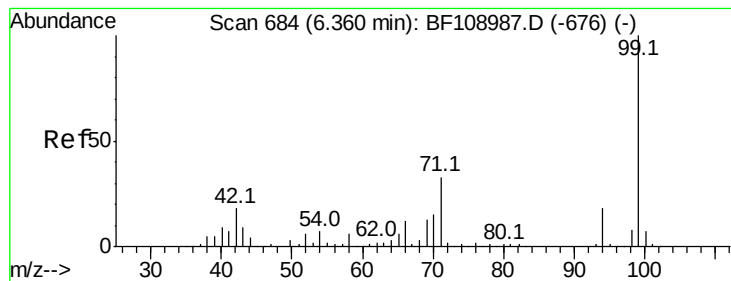
2-Fluorophenol
Concen: 3.990 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF109131.D
Acq: 19 Sep 2018 7:50

Tgt Ion:112 Resp: 28002
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 29.4 23.7 35.5



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: 3.467 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109131.D

Acq: 19 Sep 2018 7:50

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-03_COMP_FILLDL2

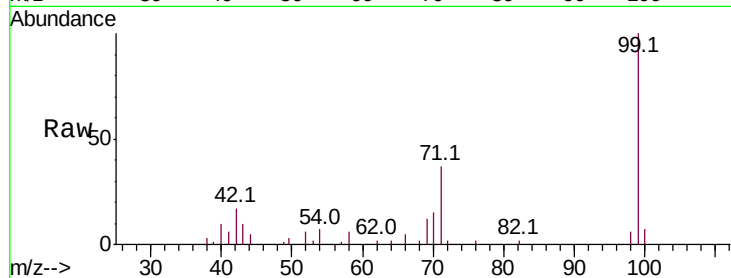
Tot Ion: 99 Resp: 31369

Ion Ratio Lower Upper

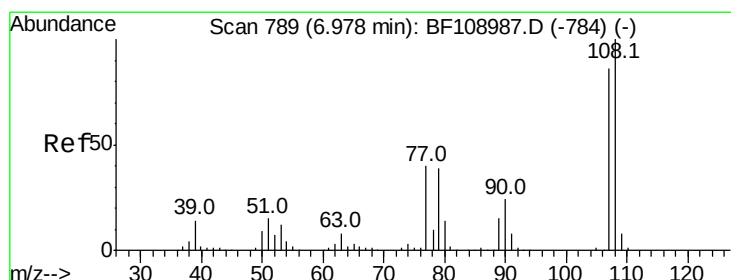
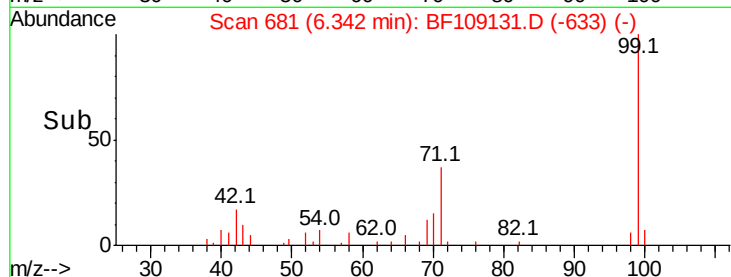
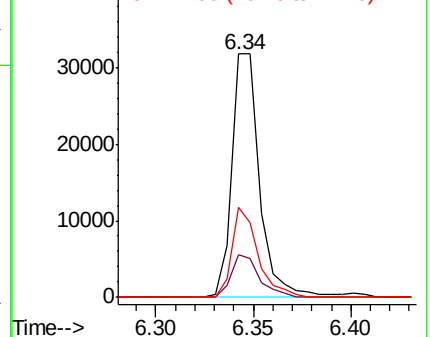
99 100

42 17.3 14.5 21.7

71 37.0 25.4 38.0



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



#17

2-Methylphenol

Concen: 2.819 ng

RT: 6.97 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF109131.D

Acq: 19 Sep 2018 7:50

Tgt Ion: 107 Resp: 18062

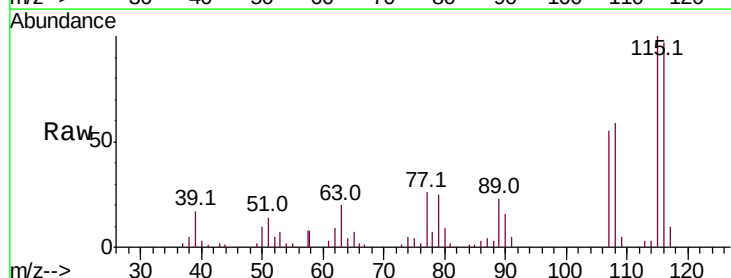
Ion Ratio Lower Upper

107 100

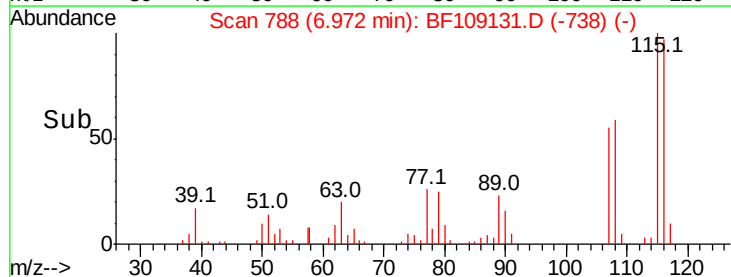
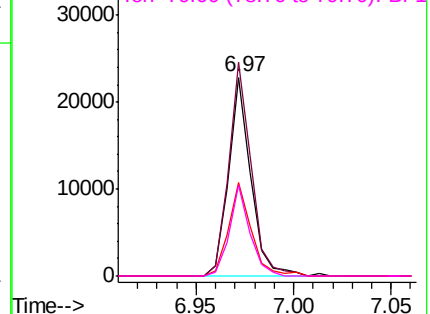
108 107.3 91.7 137.5

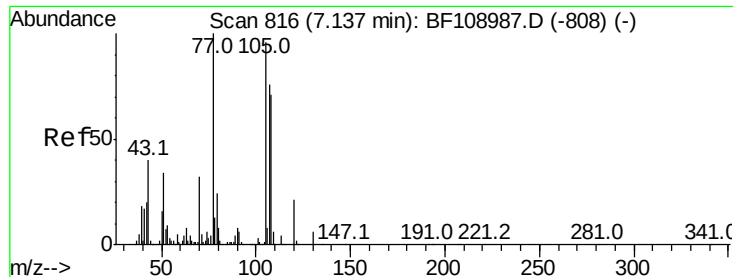
77 47.1 33.8 50.8

79 45.8 33.8 50.8



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





#20

3+4-Methylphenols

Concen: 9.156 ng

RT: 7.12 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF109131.D

Acq: 19 Sep 2018 7:50

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-03_COMP_FILLDL2

Tot Ion:107 Resp: 70649

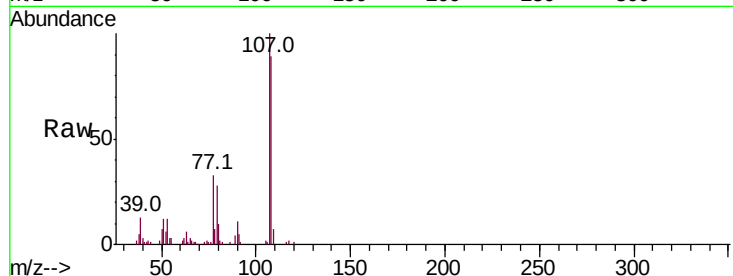
Ion Ratio Lower Upper

107 100

108 88.6 68.2 108.2

77 32.5 26.7 66.7

79 27.6 6.3 46.3



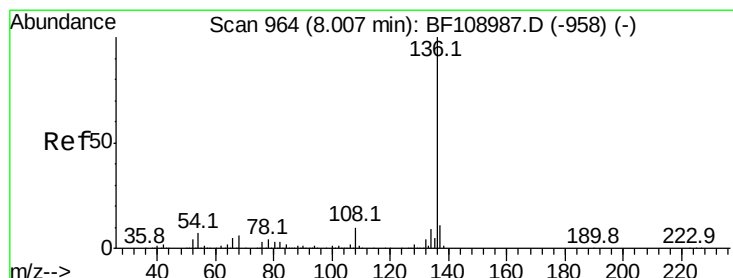
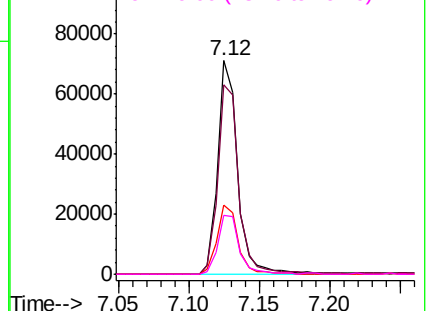
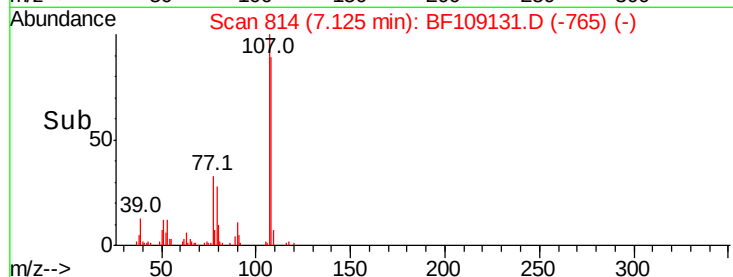
Abundance

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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109131.D

Acq: 19 Sep 2018 7:50

Tgt Ion:136 Resp: 403913

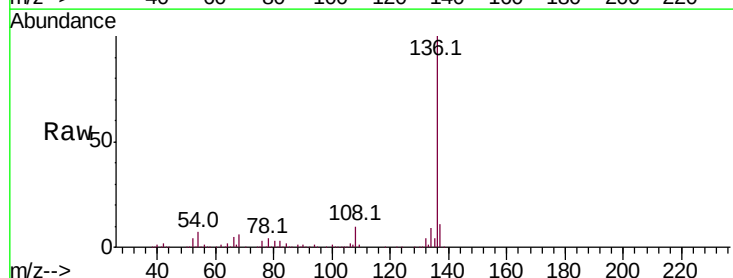
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.4 6.6 9.8

68 6.2 5.0 7.4



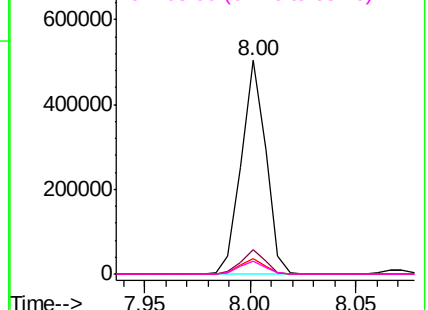
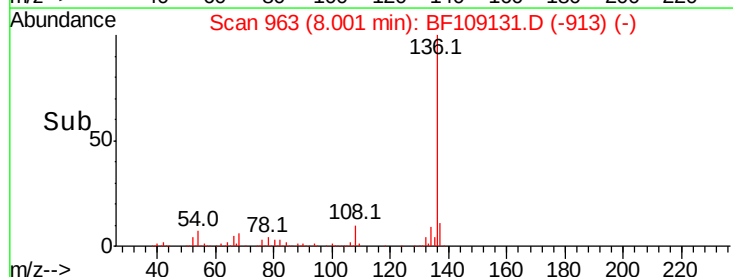
Abundance

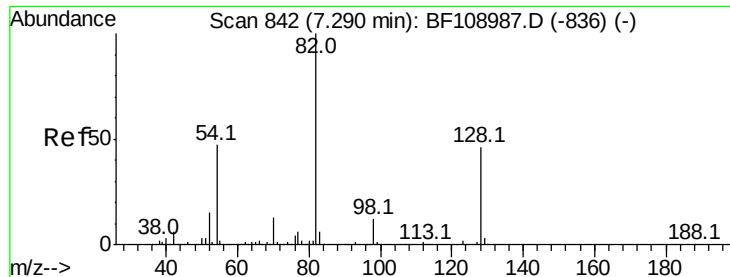
Ion 136.00 (135.70 to 136.70): E

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

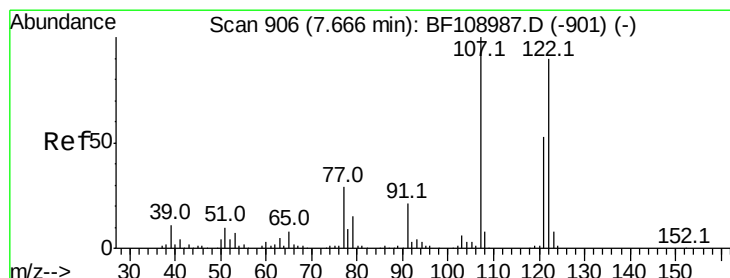
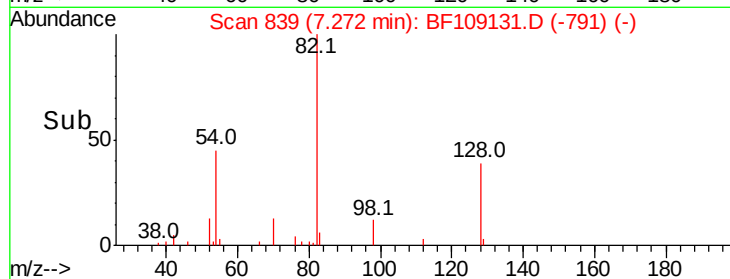
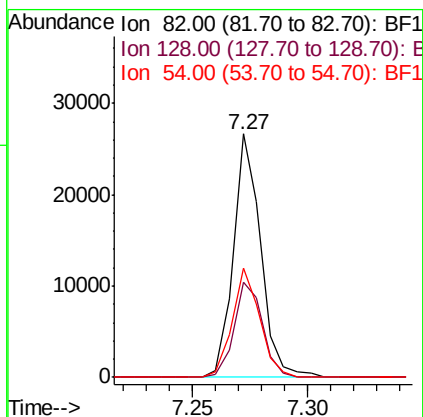
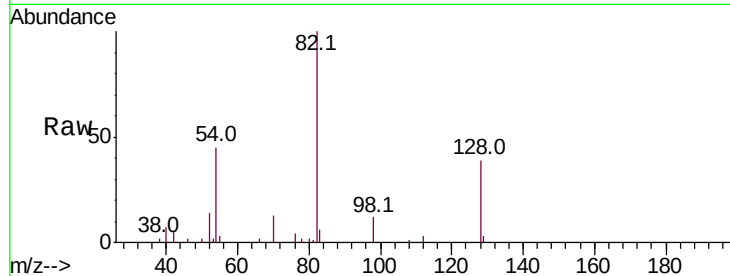




#23
 Nitrobenzene-d5
 Concen: 3.032 ng
 RT: 7.27 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF109131.D
 Acq: 19 Sep 2018 7:50

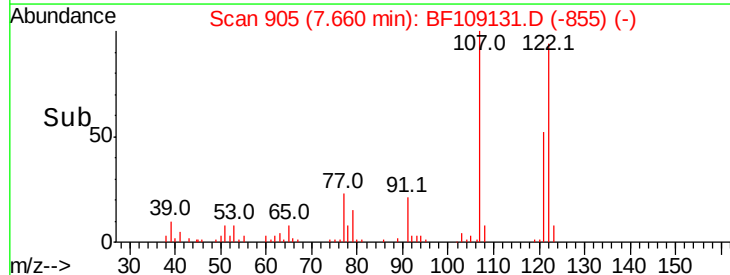
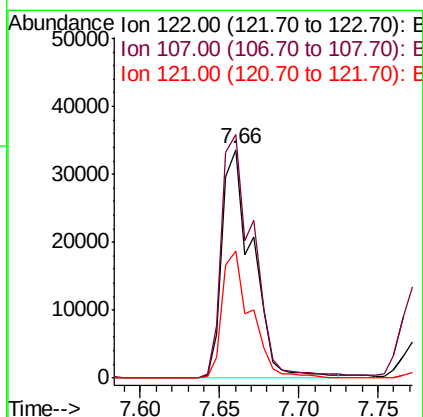
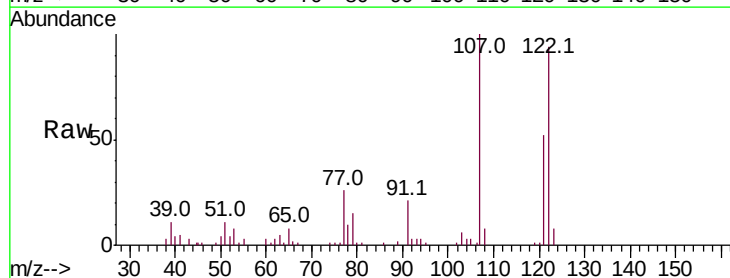
Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-03_COMP_FILLDL2

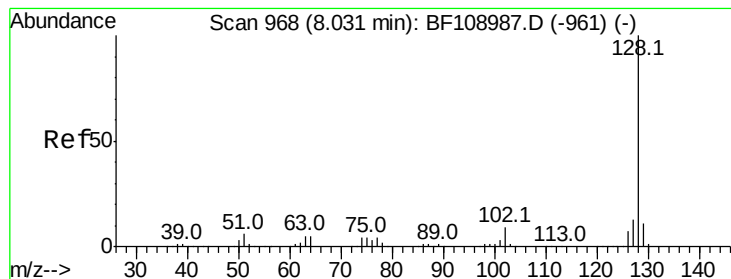
Tot Ion	82	Resp	21834
Ion Ratio	Lower	Upper	
82	100		
128	38.9	36.1	54.1
54	45.1	41.4	62.2



#27
 2,4-Dimethylphenol
 Concen: 8.189 ng
 RT: 7.66 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF109131.D
 Acq: 19 Sep 2018 7:50

Tgt Ion	122	Resp	44533
Ion Ratio	Lower	Upper	
122	100		
107	106.6	91.2	136.8
121	55.6	47.2	70.8





#31

Naphthalene

Concen: 33.522 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109131.D

Acq: 19 Sep 2018 7:50

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-03_COMP_FILLDL2

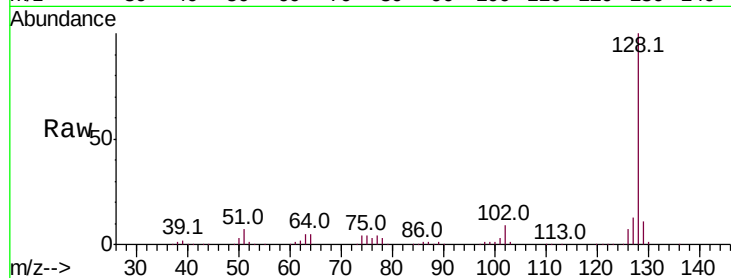
Tot Ion:128 Resp: 628447

Ion Ratio Lower Upper

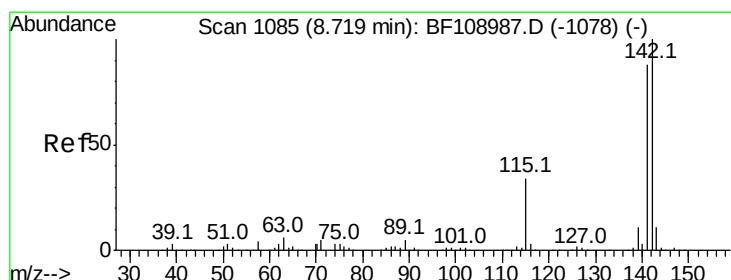
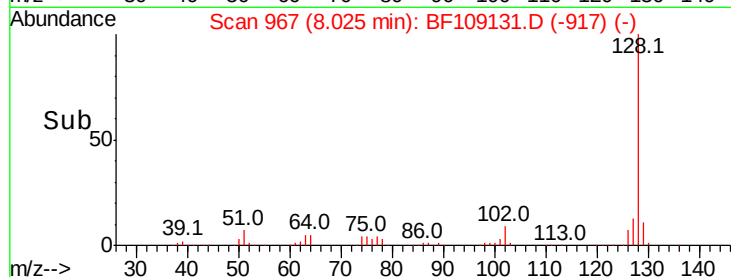
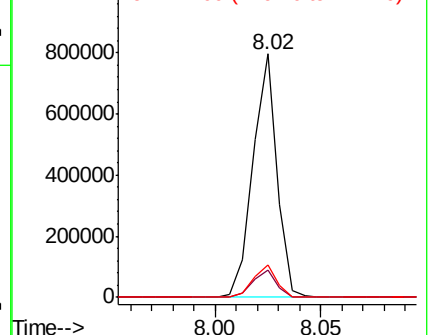
128 100

129 11.2 8.8 13.2

127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 2.144 ng

RT: 8.71 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF109131.D

Acq: 19 Sep 2018 7:50

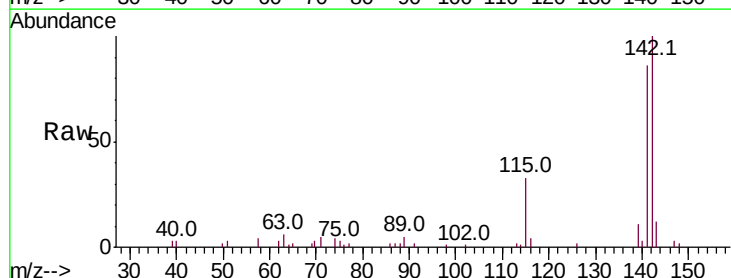
Tgt Ion:142 Resp: 26202

Ion Ratio Lower Upper

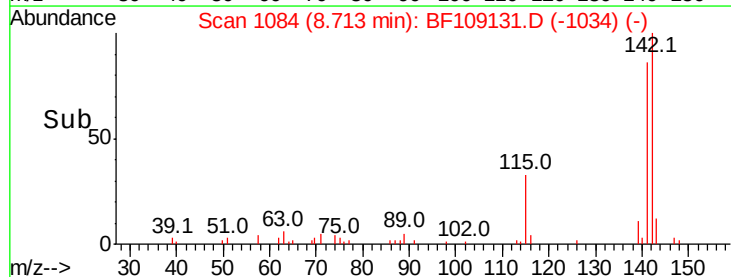
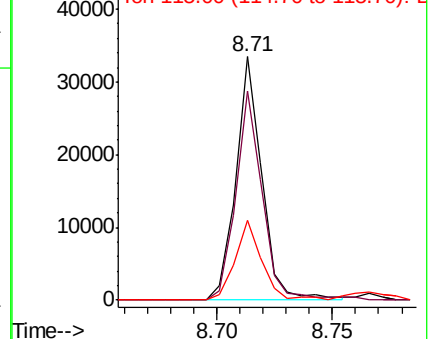
142 100

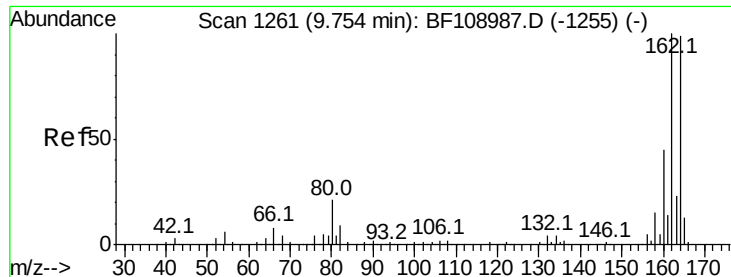
141 85.9 70.8 106.2

115 32.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

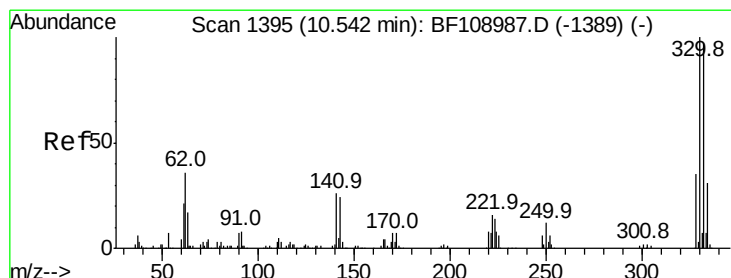
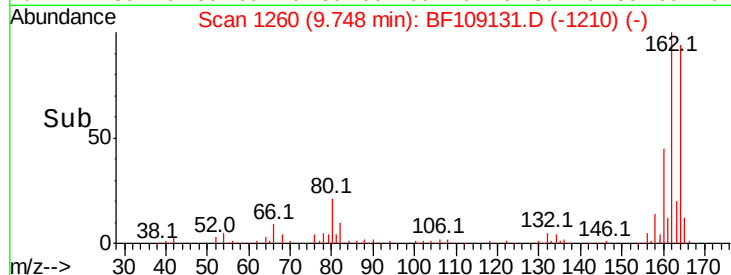
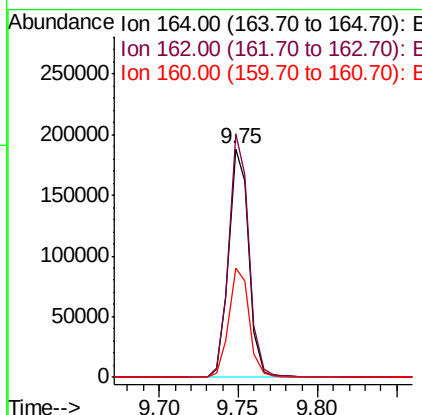
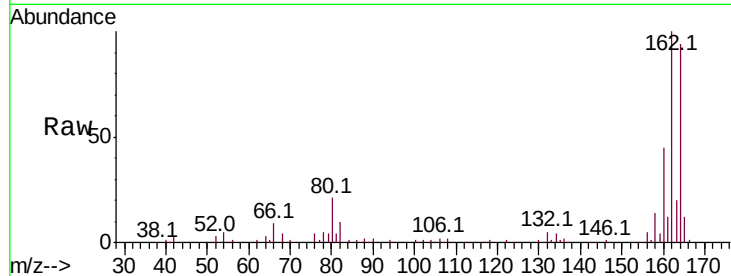




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109131.D
 Acq: 19 Sep 2018 7:50

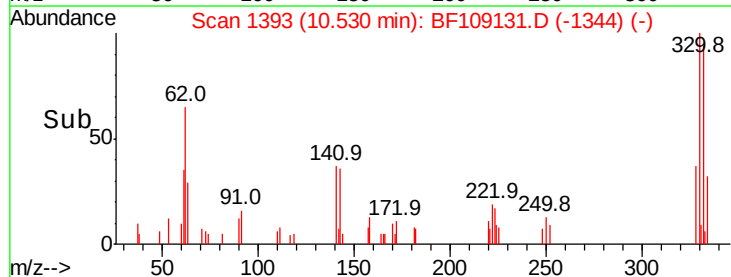
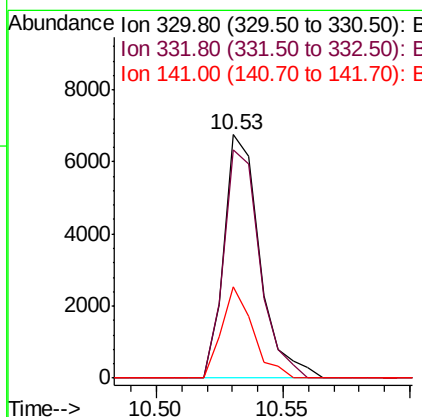
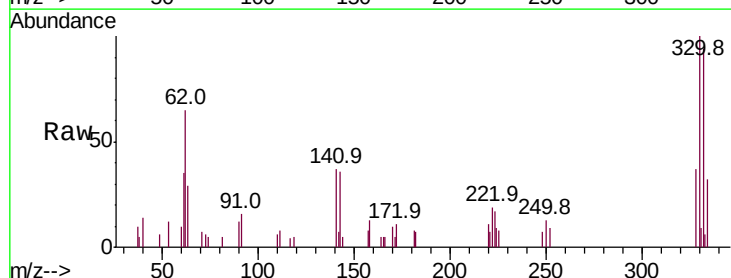
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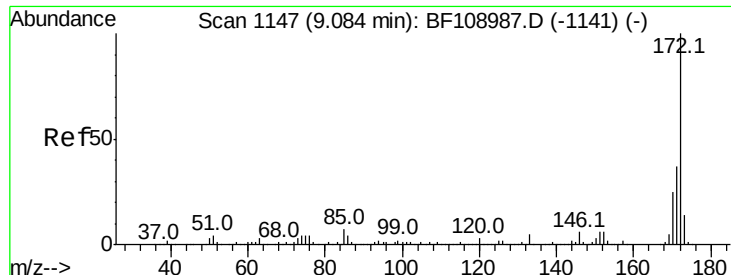
Tot Ion:164 Resp: 165630
 Ion Ratio Lower Upper
 164 100
 162 106.7 86.1 129.1
 160 48.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 3.693 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109131.D
 Acq: 19 Sep 2018 7:50

Tgt Ion:330 Resp: 6638
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 33.0 29.9 44.9

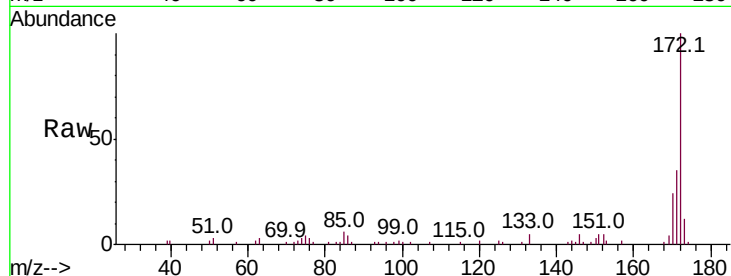




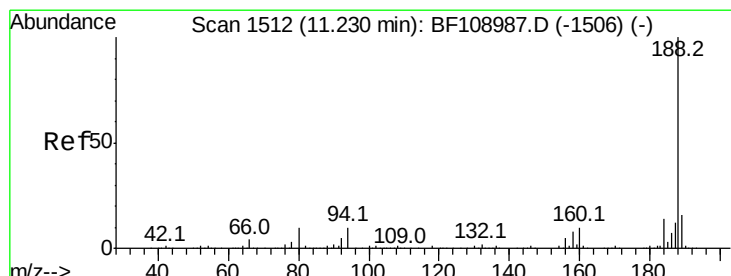
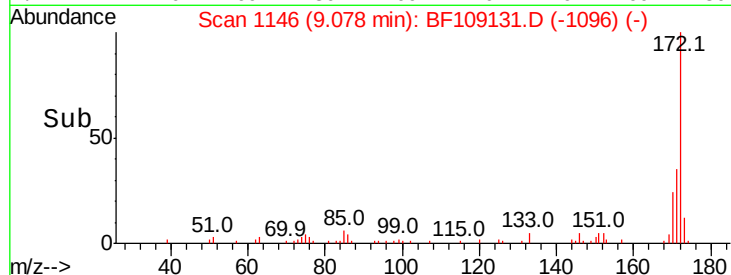
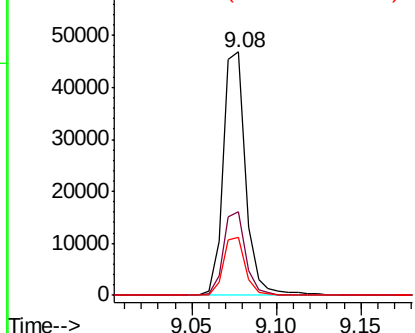
#44
 2-Fluorobiphenyl
 Concen: 4.128 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109131.D
 Acq: 19 Sep 2018 7:50

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-03_COMP_FILLDL2

Tot Ion:172 Resp: 43637
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.7 44.5
 170 23.8 19.6 29.4

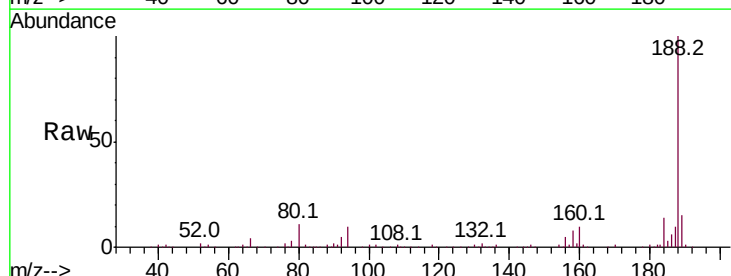


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

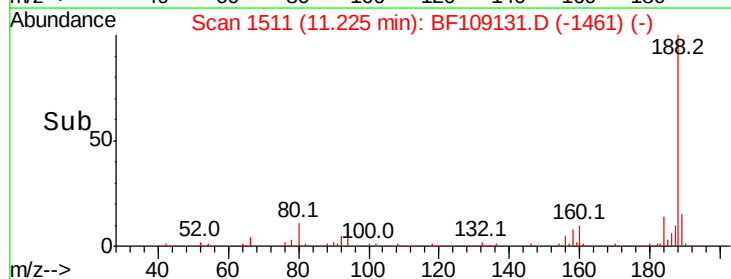
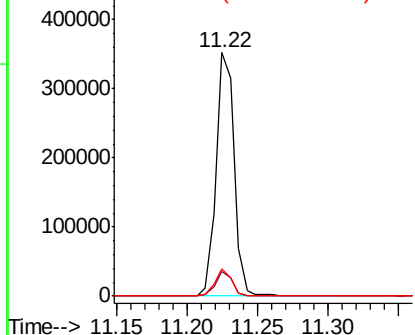


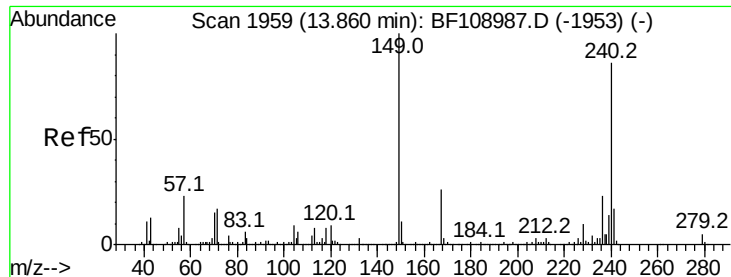
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109131.D
 Acq: 19 Sep 2018 7:50

Tgt Ion:188 Resp: 313979
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 11.3 9.2 13.8



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

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109131.D

Acq: 19 Sep 2018 7:50

Instrument :

BNA_F

ClientSampleId :

ROLLOFF-03_COMP_FILLDL2

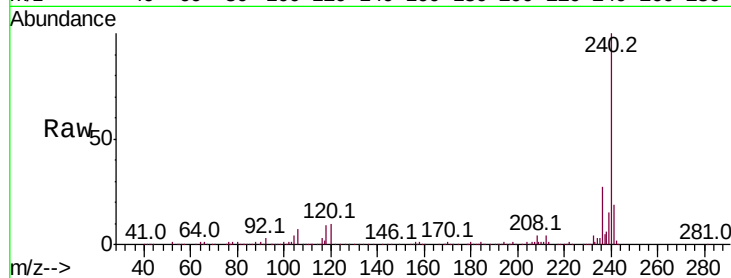
Tot Ion:240 Resp: 361154

Ion Ratio Lower Upper

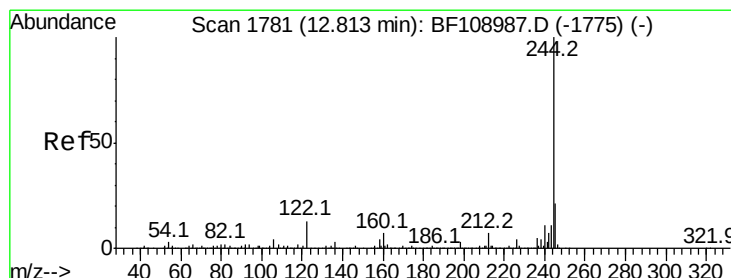
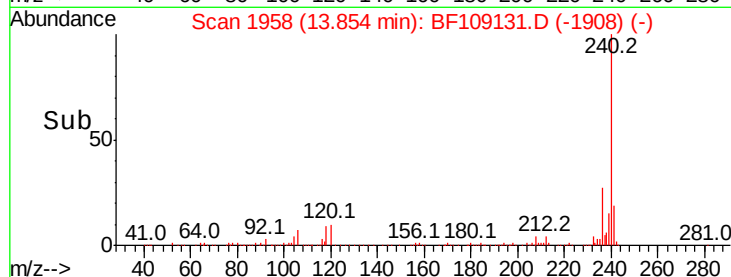
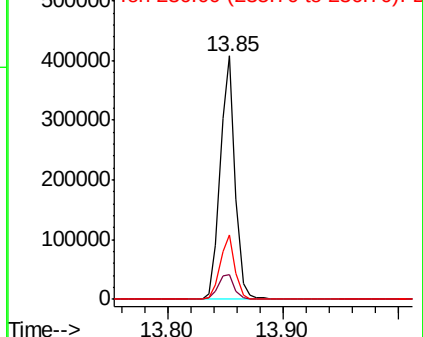
240 100

120 10.3 9.5 14.3

236 26.5 20.7 31.1



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

Terphenyl-d14

Concen: 3.102 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109131.D

Acq: 19 Sep 2018 7:50

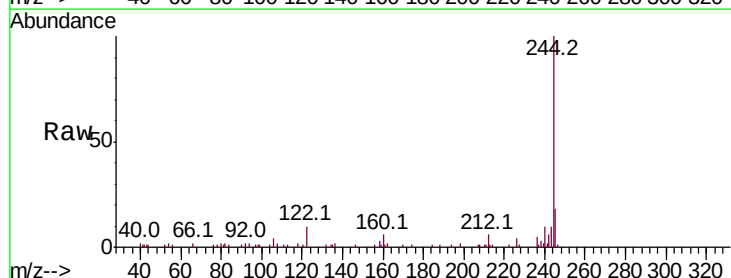
Tgt Ion:244 Resp: 47261

Ion Ratio Lower Upper

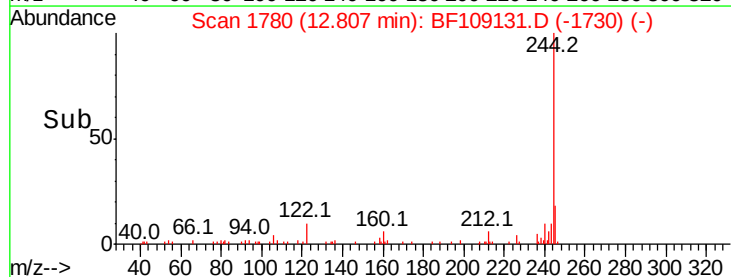
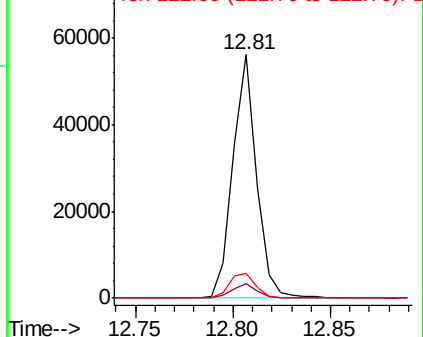
244 100

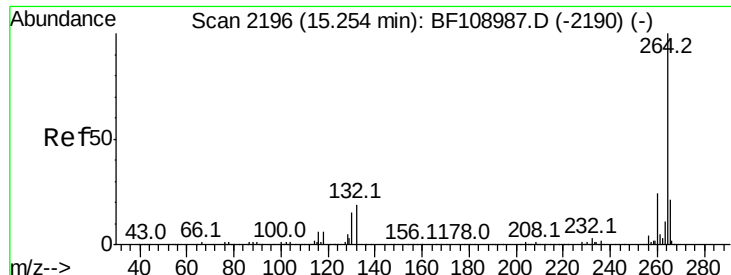
212 5.9 5.4 8.0

122 10.2 11.0 16.4#



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

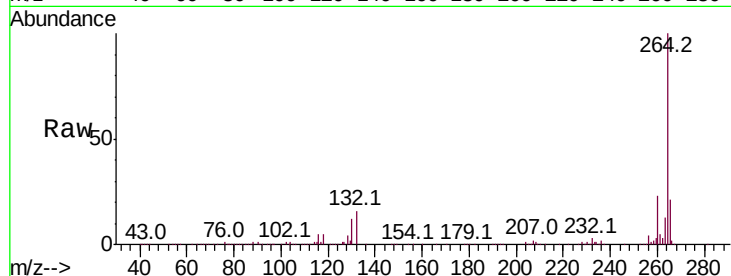




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109131.D
Acq: 19 Sep 2018 7:50

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-03_COMP_FILLDL2

Tot Ion:	264	Resp:	308707
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	17.5	26.3



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

