

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109247.D
 Acq On : 23 Sep 2018 3:45
 Operator : JU/SJ
 Sample : J5017-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 06:53:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

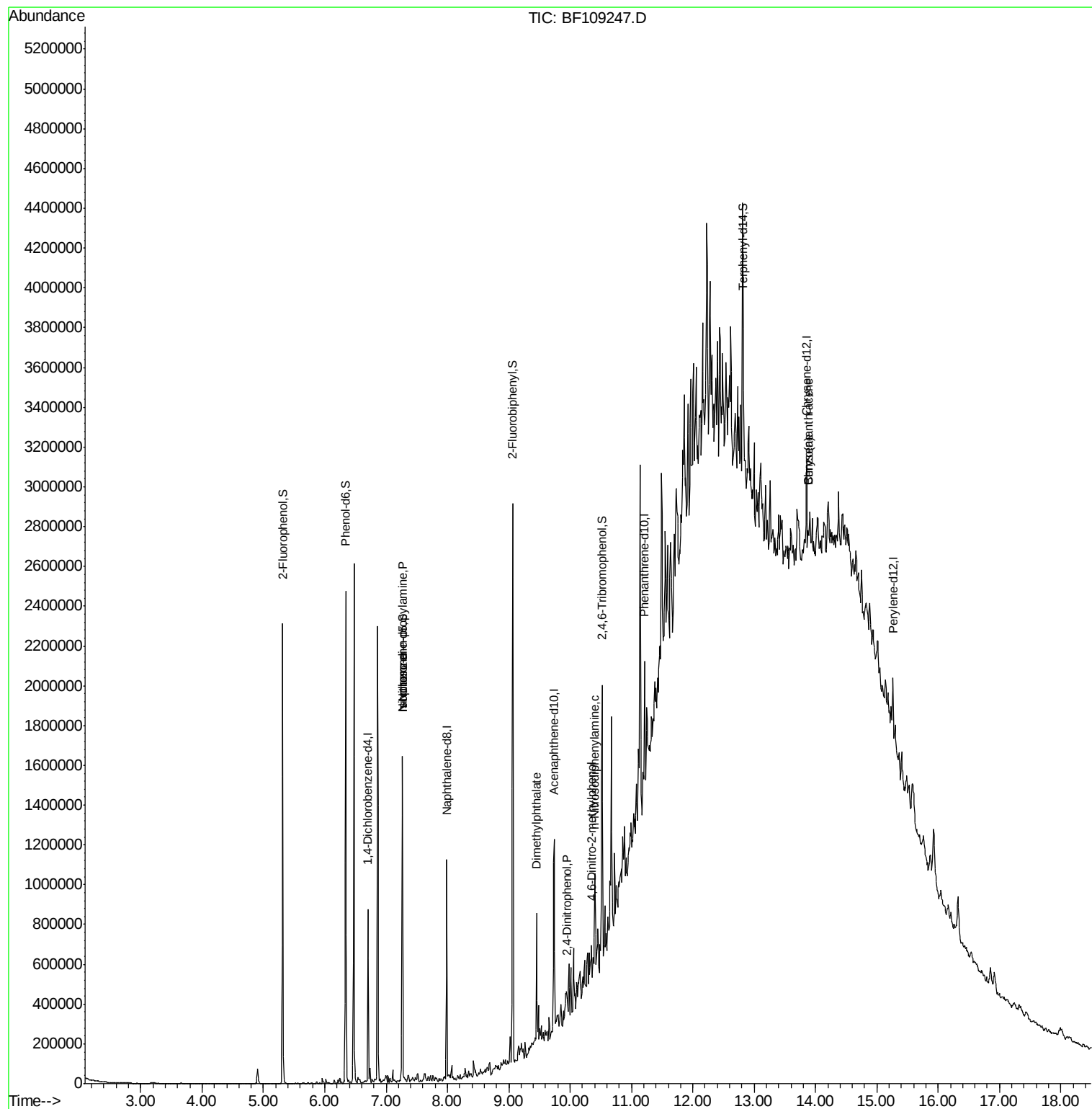
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	115531	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	421701	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	175817	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	238834	20.00	ng	0.00
75) Chrysene-d12	13.86	240	176682	20.00	ng	0.01
86) Perylene-d12	15.26	264	153981	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	654977	93.38	ng	0.00
7) Phenol-d6	6.35	99	834043	93.18	ng	-0.01
23) Nitrobenzene-d5	7.27	82	517107	72.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	143581	82.84	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	893407	76.64	ng	-0.01
78) Terphenyl-d14	12.82	244	490966	68.20	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	76337	13.016	ng	# 77
25) Isophorone	7.27	82	485876	37.771	ng	# 64
49) Dimethylphthalate	9.46	163	208382	16.295	ng	# 99
53) 2,4-Dinitrophenol	9.96	184	165	8.666	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.35	198	315	6.804	ng	# 1
65) n-Nitrosodiphenylamine	10.40	169	40581	5.143	ng	# 39
80) Benzo(a)anthracene	13.88	228	25496	2.396	ng	# 1
82) Chrysene	13.88	228	24984	2.369	ng	# 4

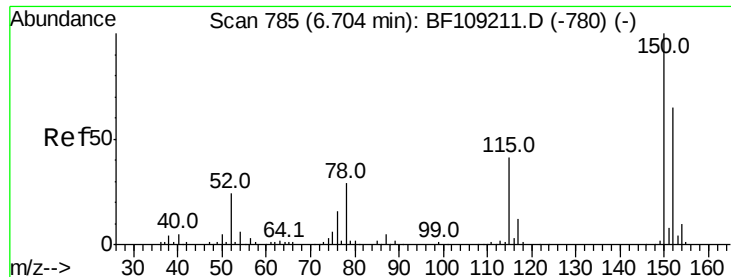
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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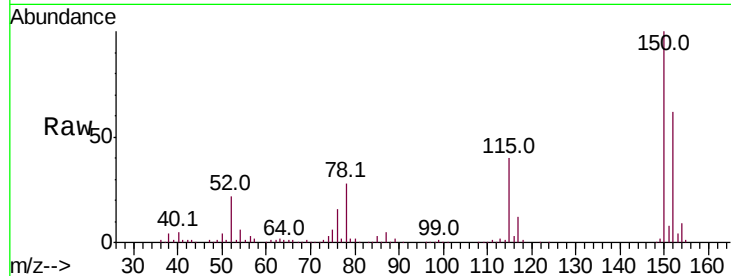


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	186.8
115	63.7	50.1	75.1

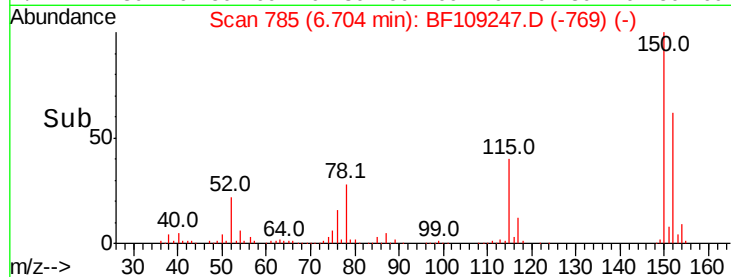
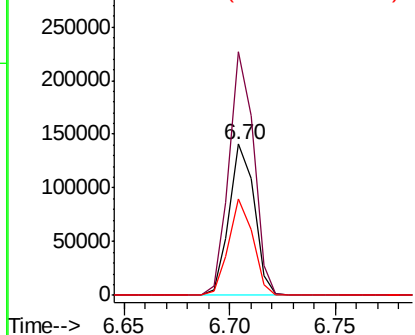


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

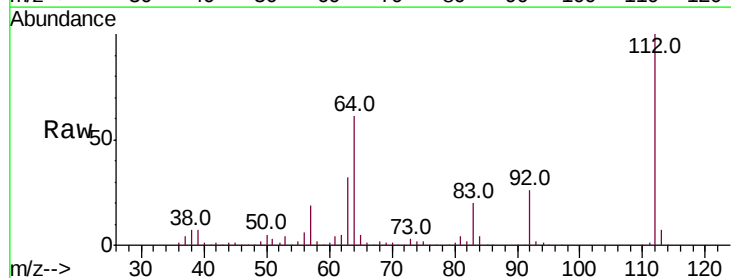
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.377 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	32.2	23.7	35.5

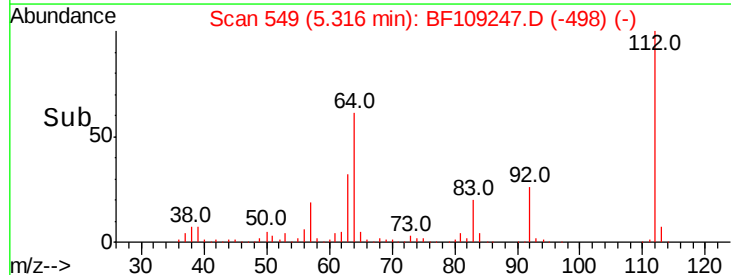
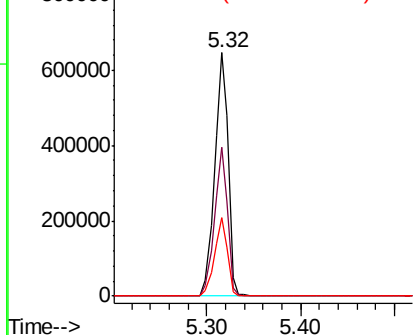


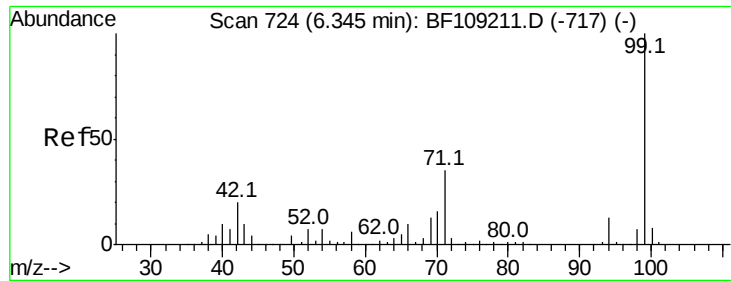
Abundance

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: 93.184 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109247.D

Acq: 23 Sep 2018 3:45

Instrument :

BNA_F

ClientSampled :

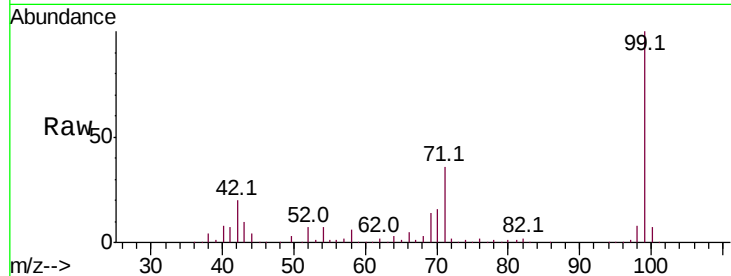
Tot Ion: 99 Resp: 834043

Ion Ratio Lower Upper

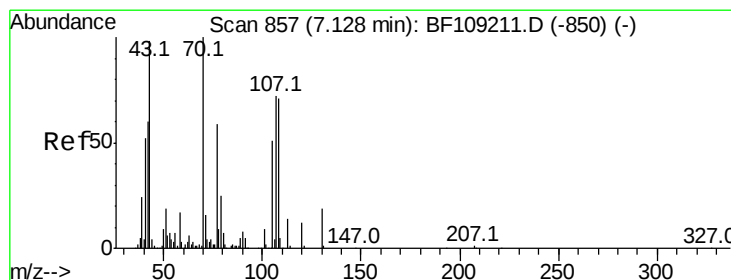
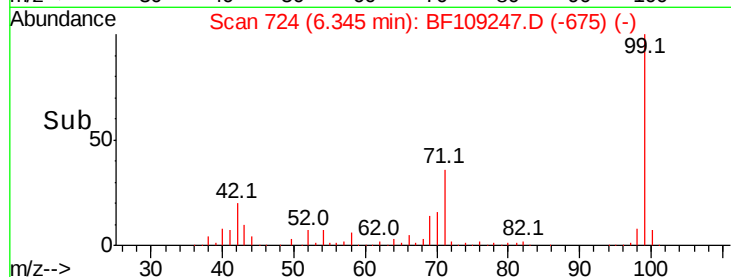
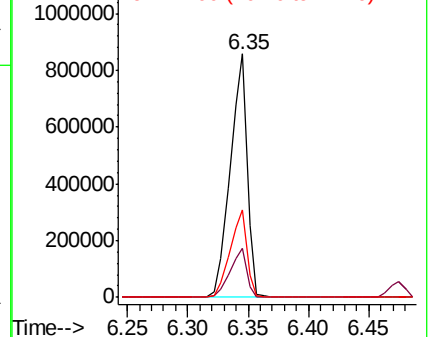
99 100

42 20.0 14.5 21.7

71 35.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.016 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109247.D

Acq: 23 Sep 2018 3:45

Tgt Ion: 70 Resp: 76337

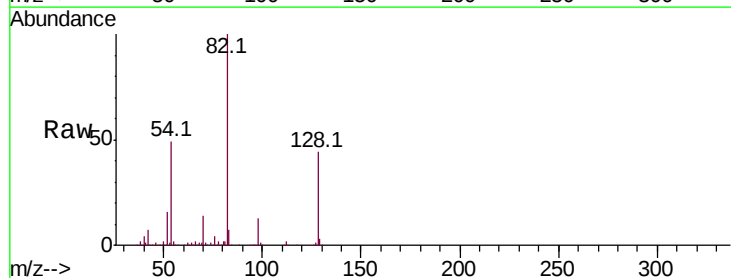
Ion Ratio Lower Upper

70 100

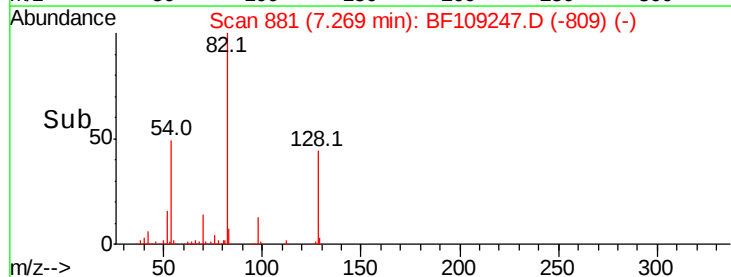
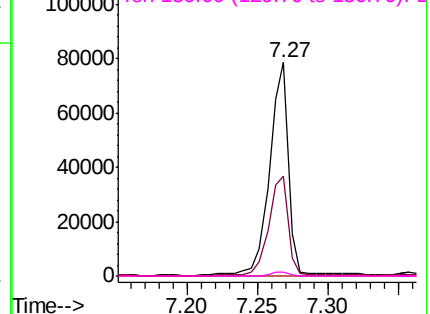
42 46.9 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#



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): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109247.D

Acq: 23 Sep 2018 3:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 421701

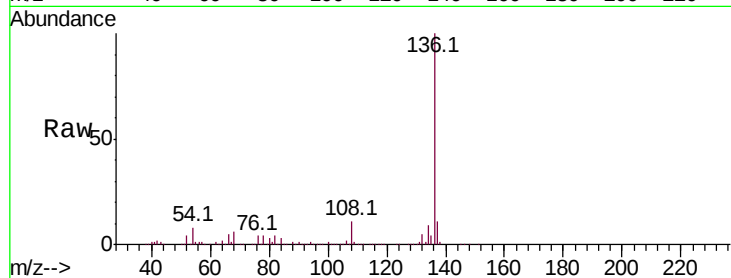
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.8 6.6 9.8

68 5.9 5.0 7.4

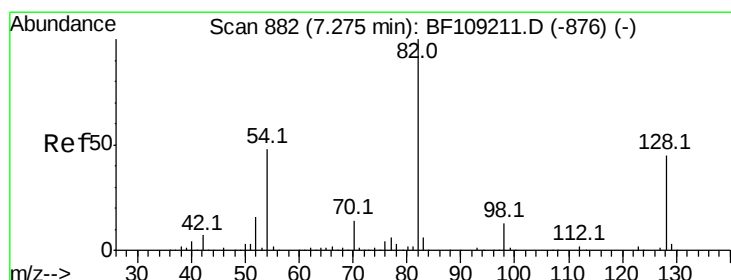
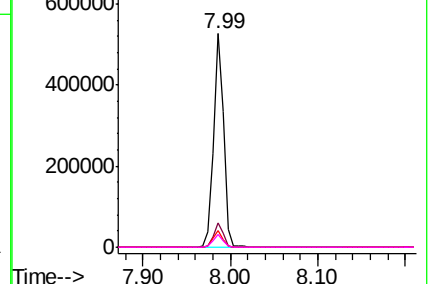
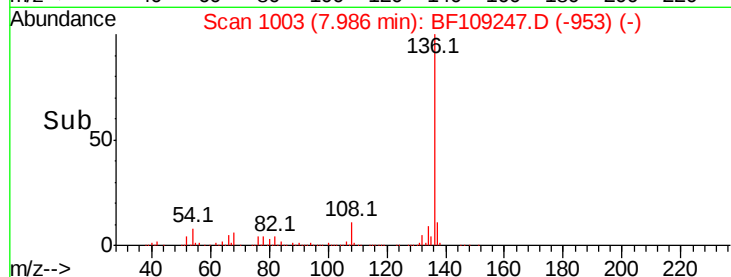


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.387 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109247.D

Acq: 23 Sep 2018 3:45

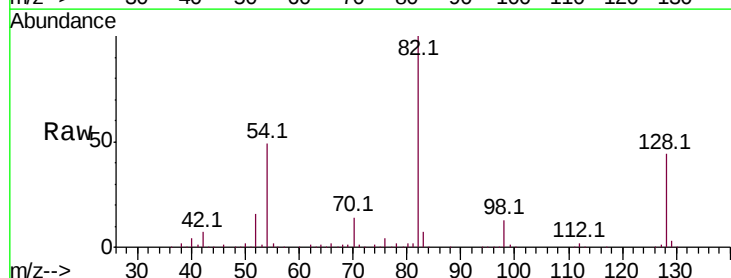
Tgt Ion: 82 Resp: 517107

Ion Ratio Lower Upper

82 100

128 44.3 36.1 54.1

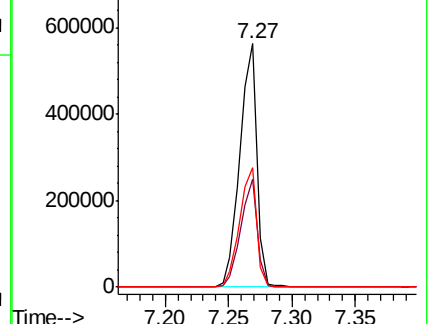
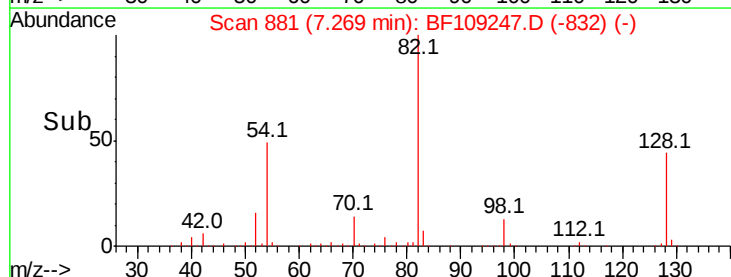
54 48.9 41.4 62.2

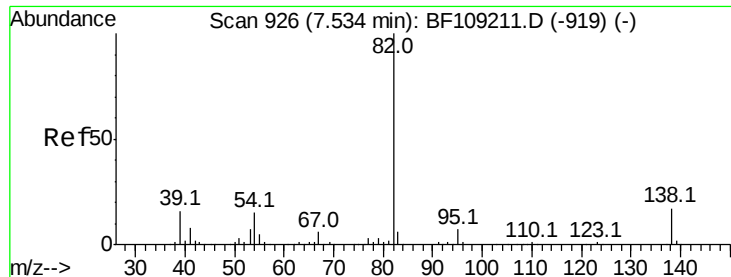


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

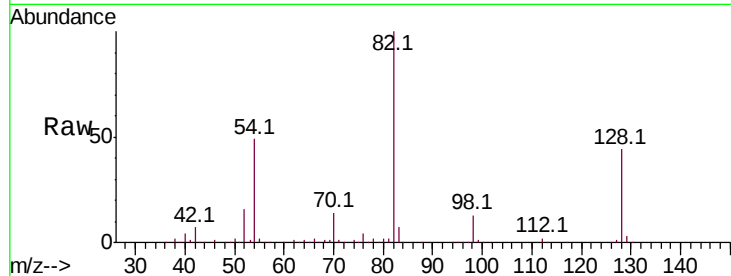




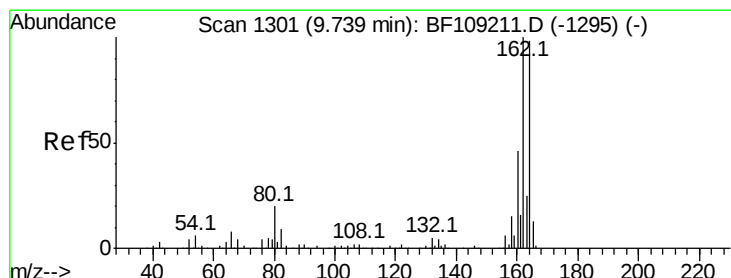
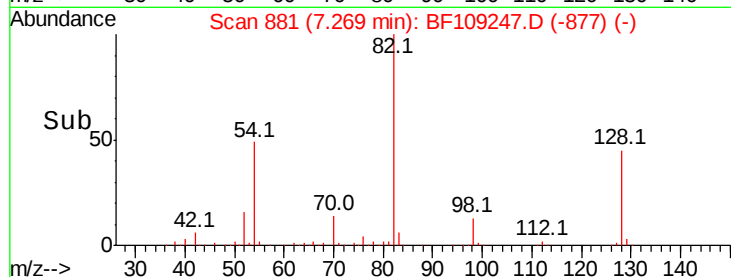
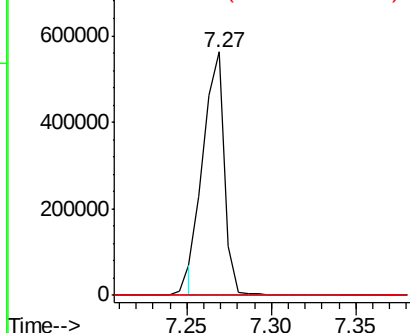
#25
Isophorone
Concen: 37.771 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 485876
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#

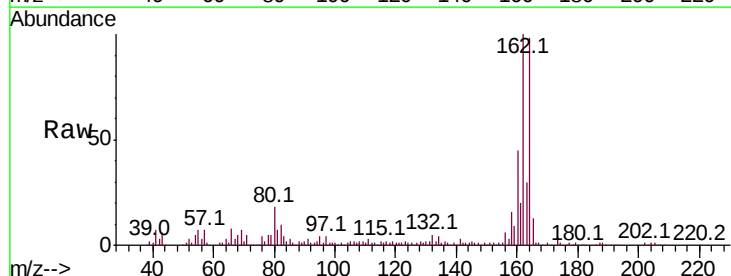


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

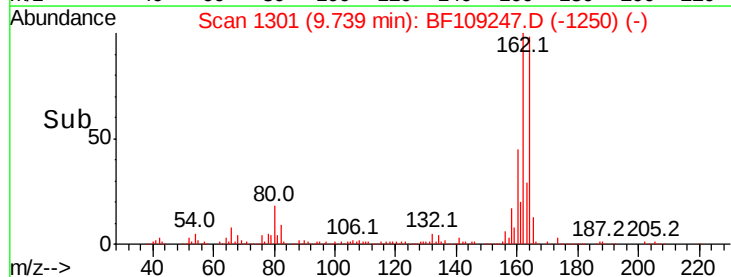
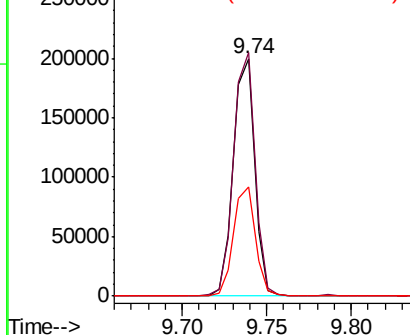


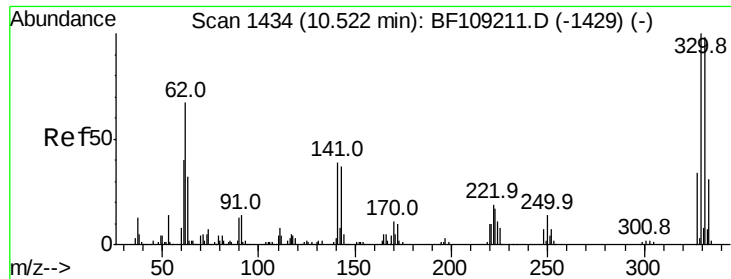
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Tgt Ion:164 Resp: 175817
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 46.2 38.3 57.5



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

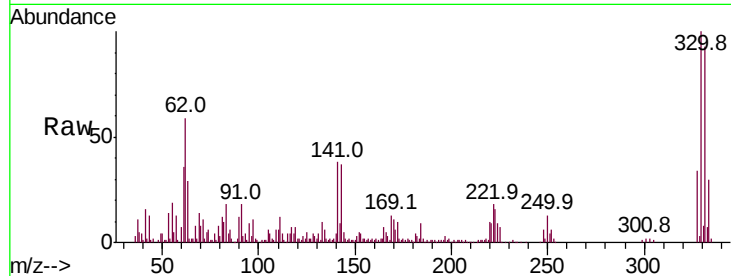




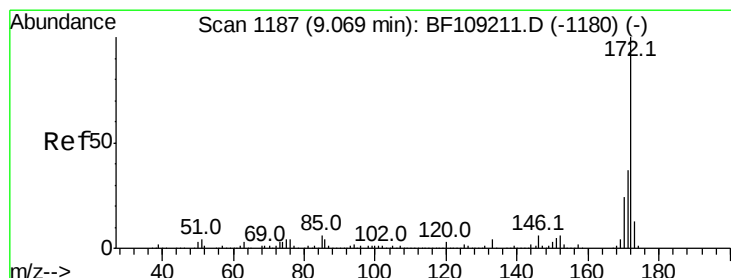
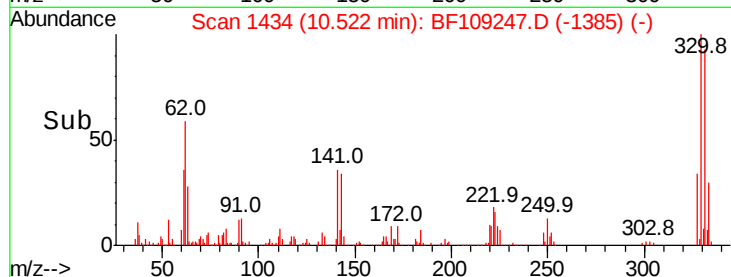
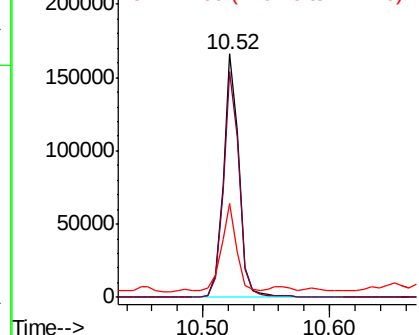
#41
 2,4,6-Tribromophenol
 Concen: 82.842 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109247.D
 Acq: 23 Sep 2018 3:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 143581
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 37.3 29.9 44.9

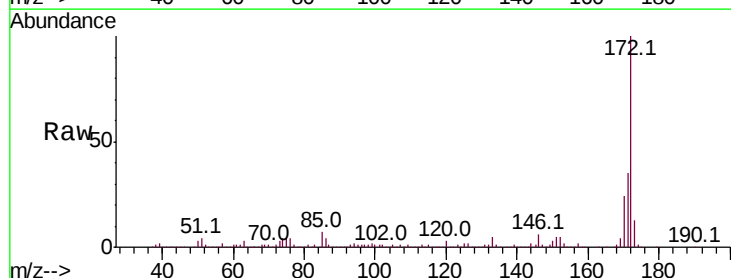


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

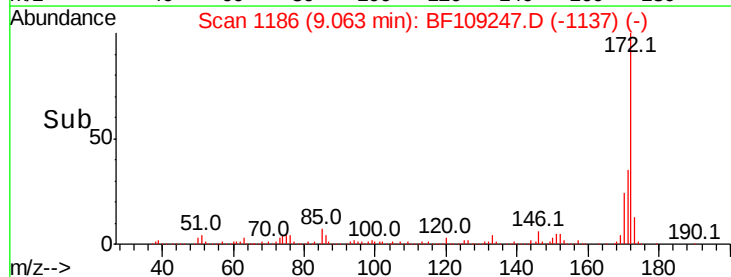
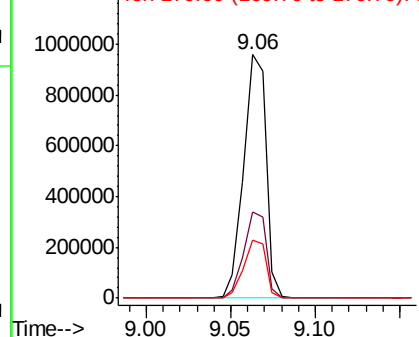


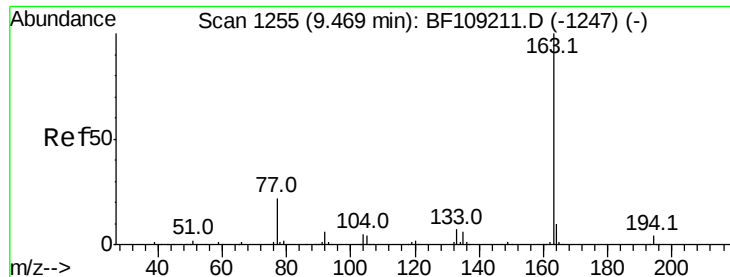
#44
 2-Fluorobiphenyl
 Concen: 76.638 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109247.D
 Acq: 23 Sep 2018 3:45

Tgt Ion:172 Resp: 893407
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 24.1 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

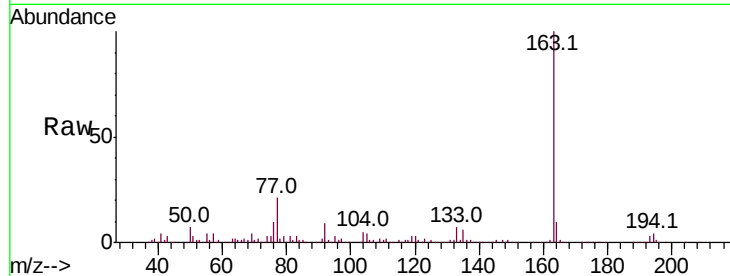




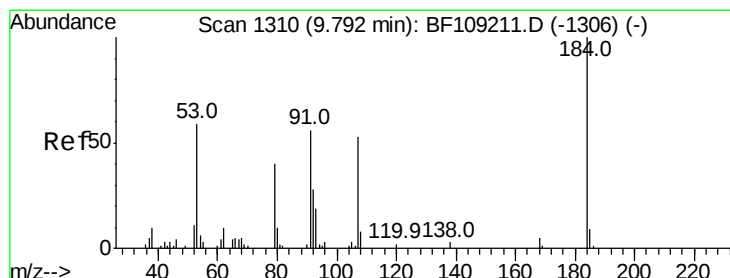
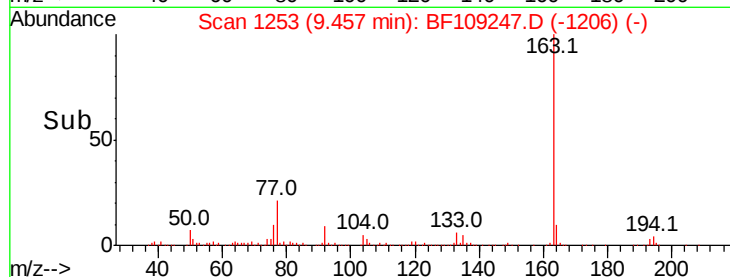
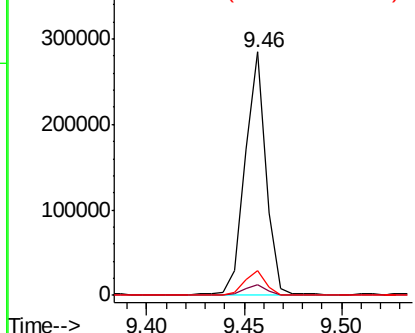
#49
Dimethylphthalate
Concen: 16.295 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 208382
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 10.1 8.2 12.2

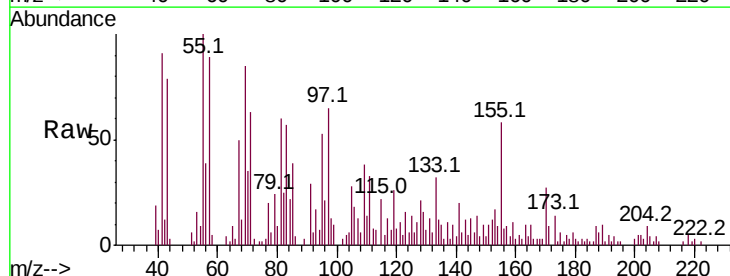


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

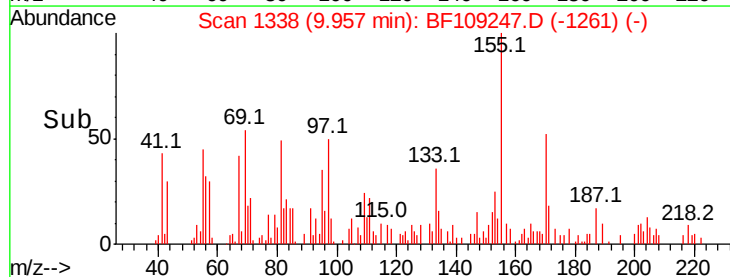
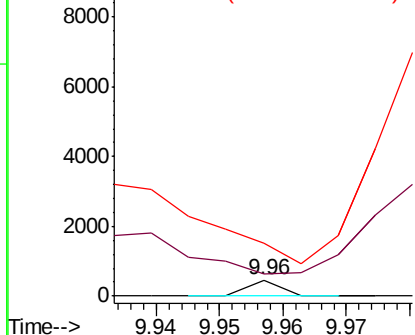


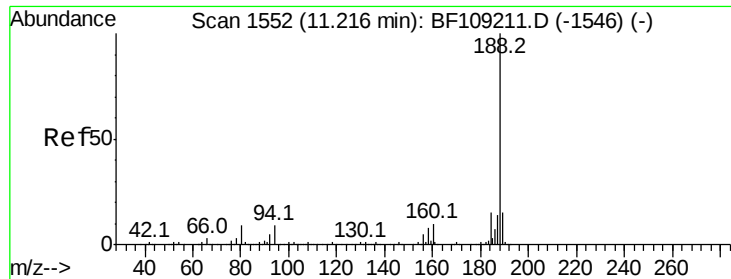
#53
2,4-Dinitrophenol
Concen: 8.666 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.15 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Tgt Ion:184 Resp: 165
Ion Ratio Lower Upper
184 100
63 134.8 54.2 81.2#
154 321.8 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

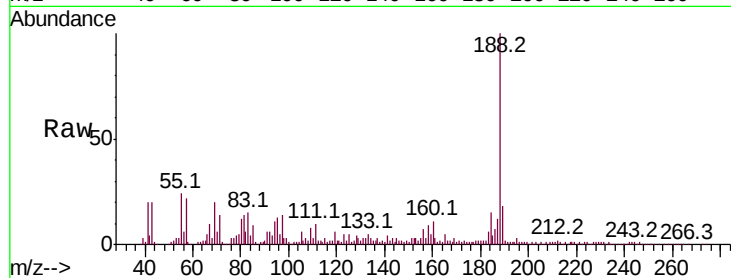




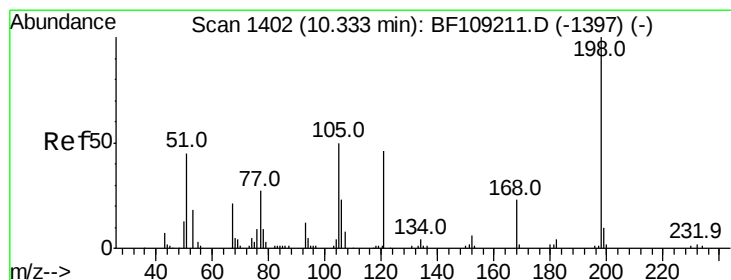
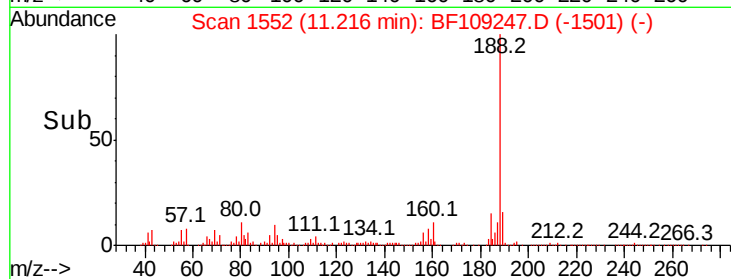
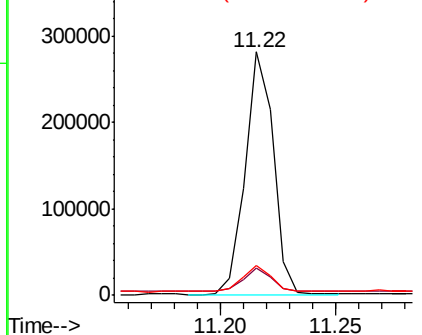
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 238834
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.2 9.2 13.8

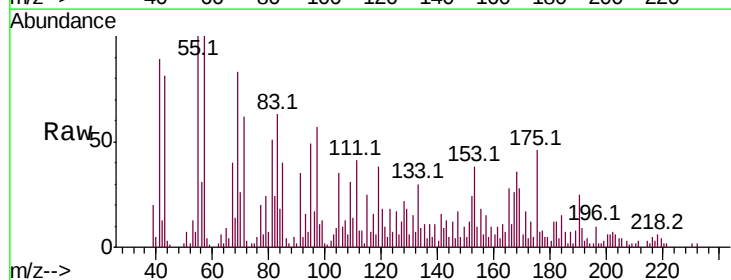


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

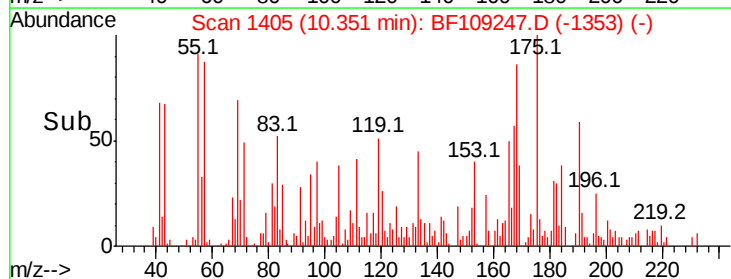
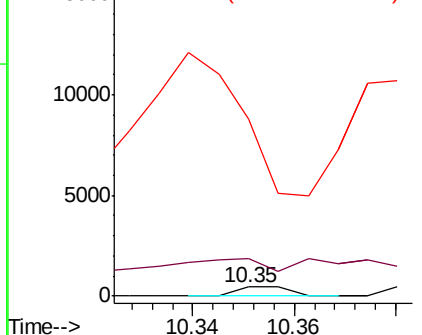


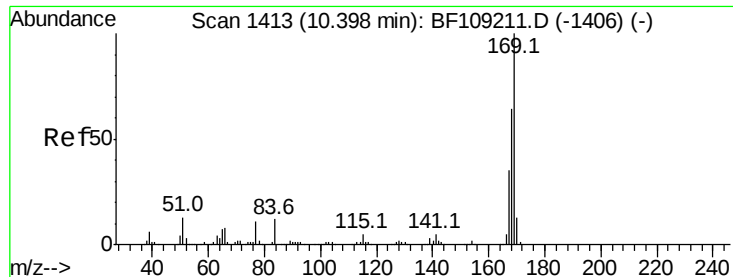
#64
4,6-Dinitro-2-methylphenol
Concen: 6.804 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF109247.D
Acq: 23 Sep 2018 3:45

Tgt Ion:198 Resp: 315
Ion Ratio Lower Upper
198 100
51 417.8 37.7 77.7#
105 1954.2 36.3 76.3#



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

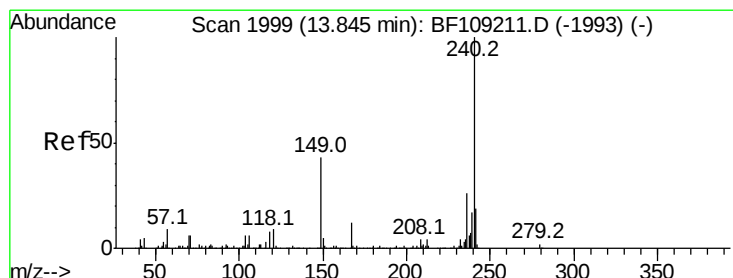
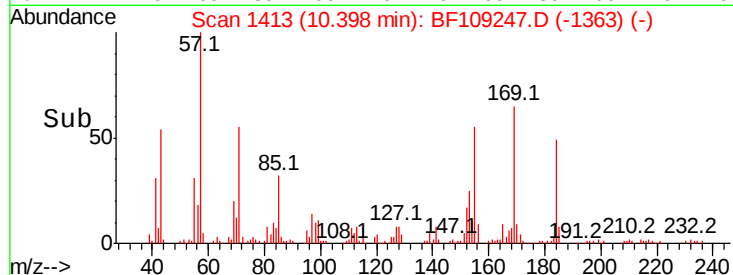
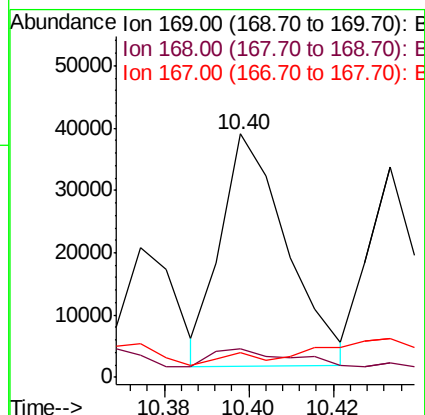
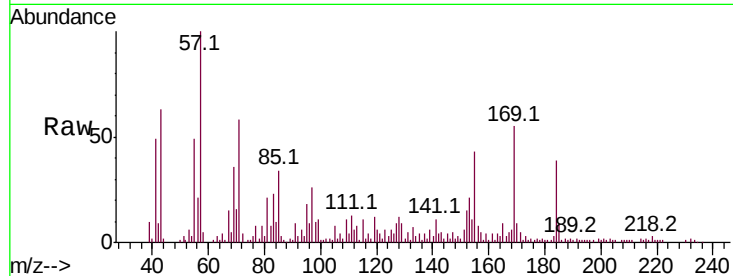




#65
 n-Nitrosodiphenylamine
 Concen: 5.143 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109247.D
 Acq: 23 Sep 2018 3:45

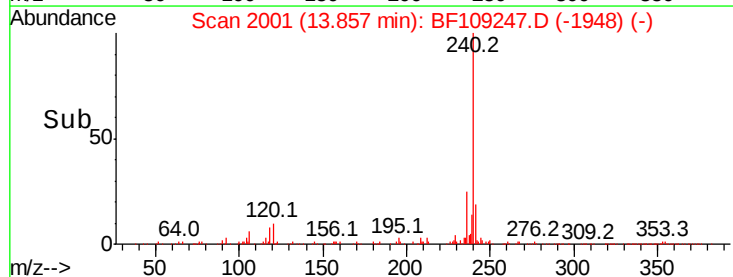
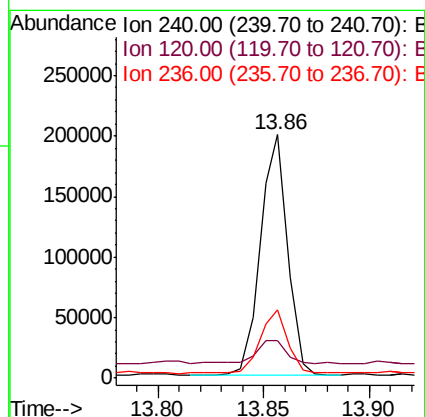
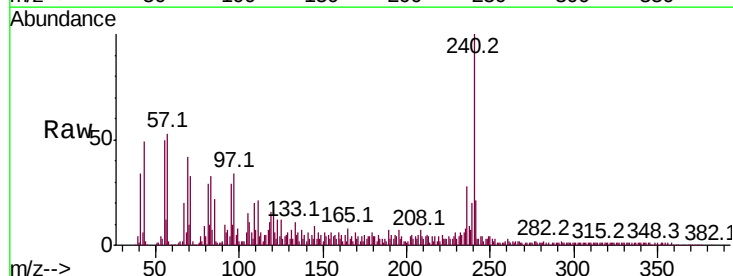
Instrument :
 BNA_F
 ClientSampled :

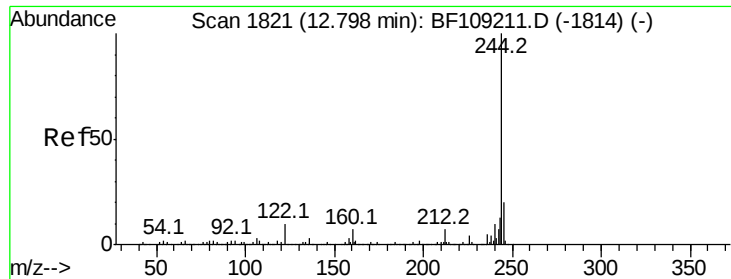
Tot Ion:169 Resp: 40581
 Ion Ratio Lower Upper
 169 100
 168 11.6 54.4 81.6#
 167 9.9 29.8 44.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF109247.D
 Acq: 23 Sep 2018 3:45

Tgt Ion:240 Resp: 176682
 Ion Ratio Lower Upper
 240 100
 120 15.6 9.5 14.3#
 236 27.8 20.7 31.1

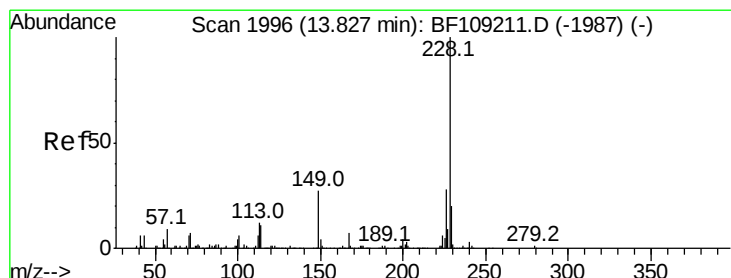
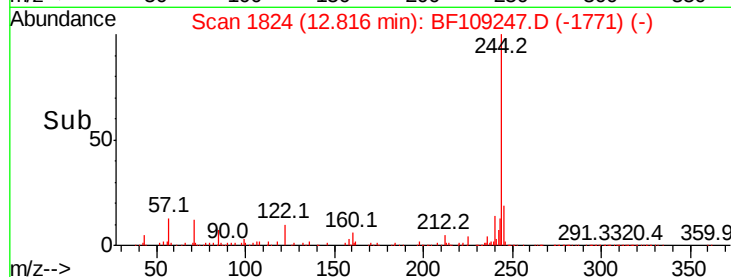
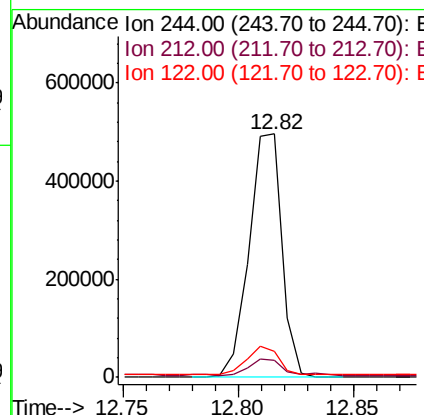
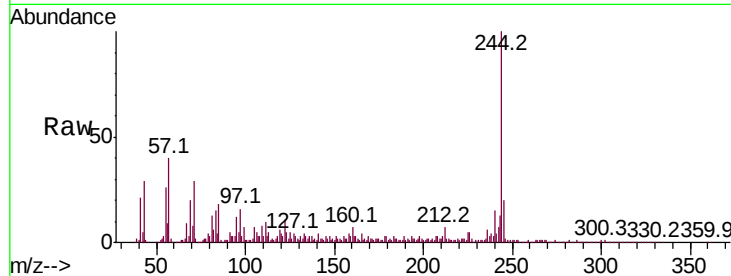




#78
 Terphenyl-d14
 Concen: 68.197 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. 0.01 min
 Lab File: BF109247.D
 Acq: 23 Sep 2018 3:45

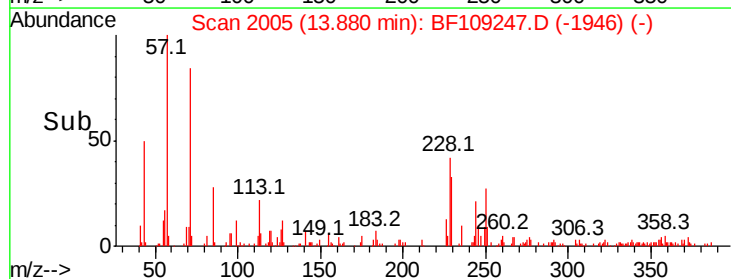
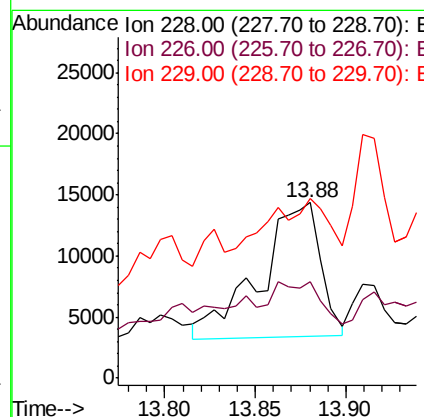
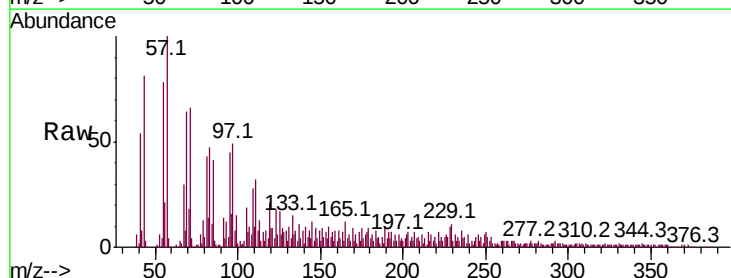
Instrument :
 BNA_F
 ClientSampleId :

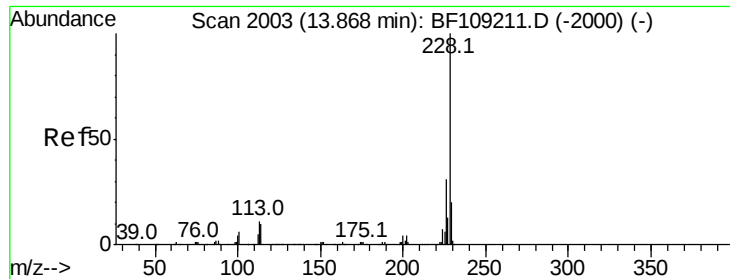
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.6	11.0	16.4



#80
 Benzo(a)anthracene
 Concen: 2.396 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.05 min
 Lab File: BF109247.D
 Acq: 23 Sep 2018 3:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	54.9	22.6	33.8
229	102.4	15.8	23.6





#82

Chrysene

Concen: 2.369 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF109247.D

Acq: 23 Sep 2018 3:45

Instrument :

BNA_F

ClientSampleId :

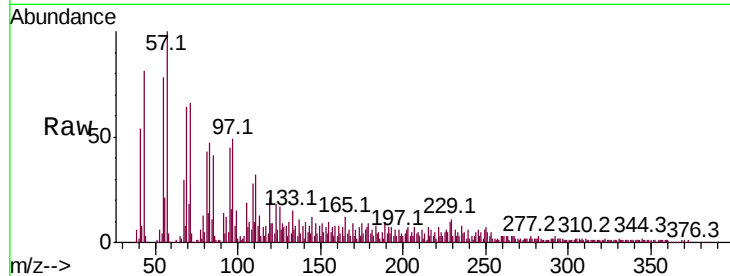
Tot Ion:228 Resp: 24984

Ion Ratio Lower Upper

228 100

226 54.9 25.0 37.6#

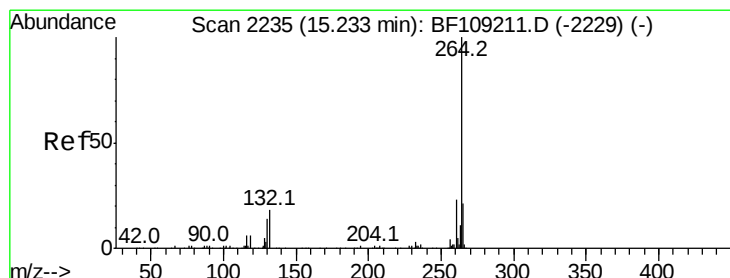
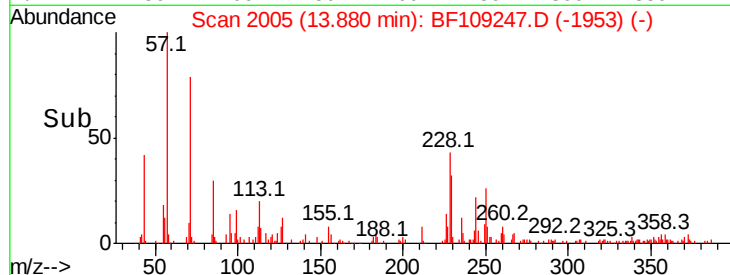
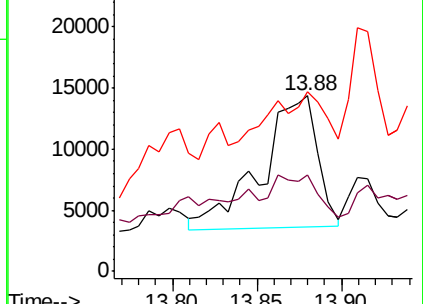
229 102.4 16.2 24.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2240

Delta R.T. 0.02 min

Lab File: BF109247.D

Acq: 23 Sep 2018 3:45

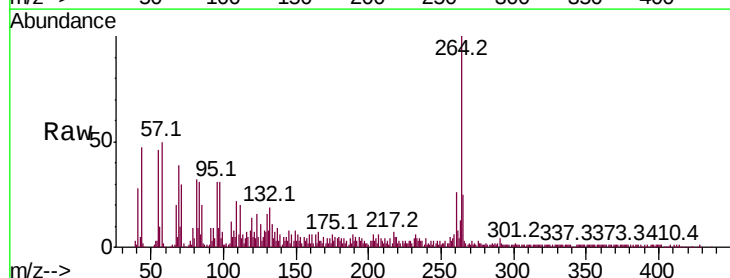
Tgt Ion:264 Resp: 153981

Ion Ratio Lower Upper

264 100

260 25.8 19.2 28.8

265 24.6 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

