

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109294.D
 Acq On : 25 Sep 2018 19:03
 Operator : JU/SJ
 Sample : J5055-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 02:26:51 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

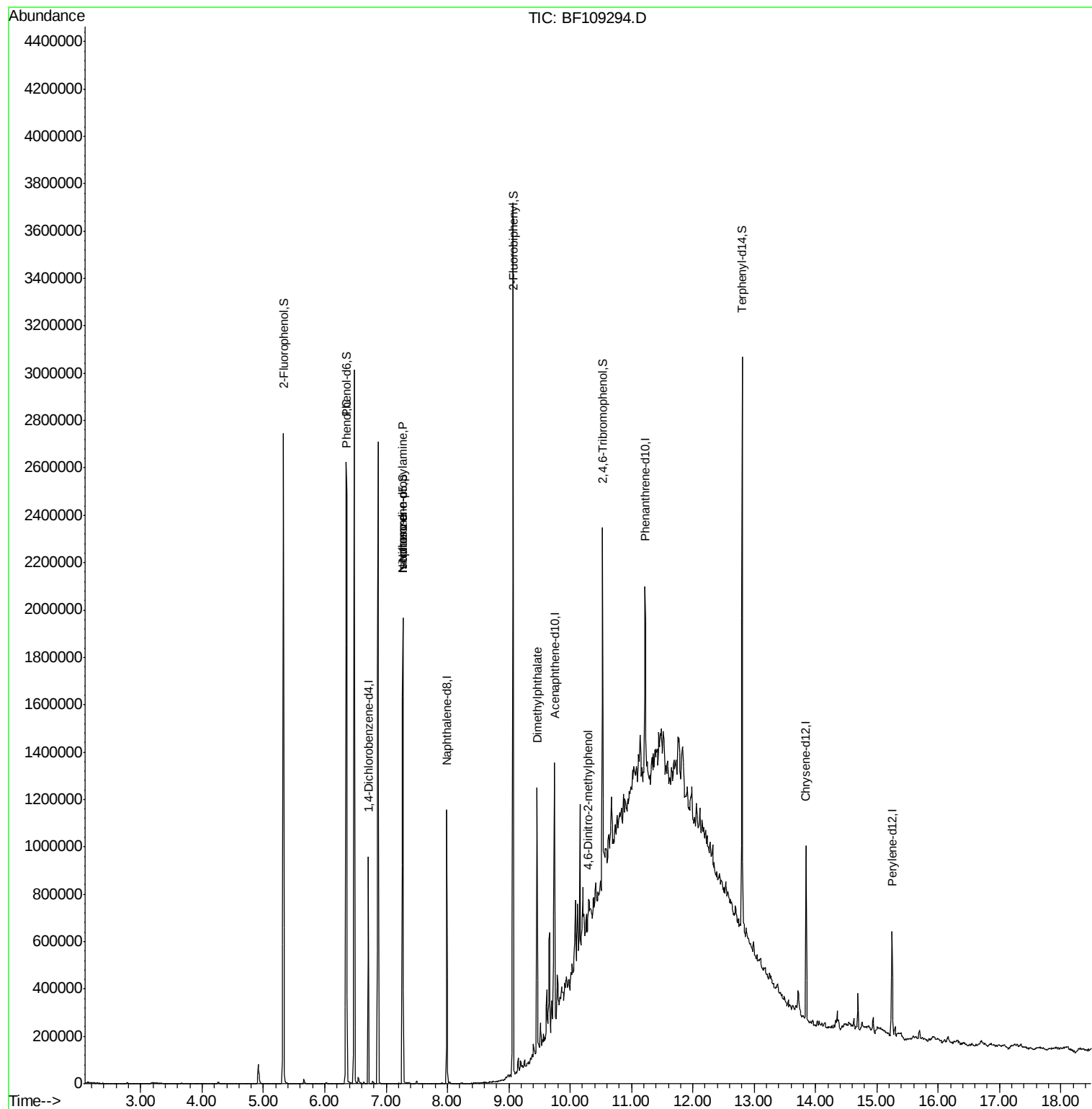
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	125150	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	468916	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	199630	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	309240	20.00	ng	0.00
75) Chrysene-d12	13.84	240	261276	20.00	ng	0.00
86) Perylene-d12	15.25	264	203510	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	824145	108.46	ng	0.01
7) Phenol-d6	6.35	99	1066460	109.99	ng	0.00
23) Nitrobenzene-d5	7.27	82	665068	83.72	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	214398	108.95	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1121996	84.77	ng	0.00
78) Terphenyl-d14	12.80	244	890282	83.62	ng	0.00
Target Compounds						
10) Phenol	6.36	94	33368	3.039	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	88918	13.996	ng	# 79
25) Isophorone	7.27	82	614538	42.962	ng	# 64
49) Dimethylphthalate	9.46	163	343557	23.661	ng	# 99
64) 4,6-Dinitro-2-methylphenol	10.29	198	109	6.596	ng	# 1

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

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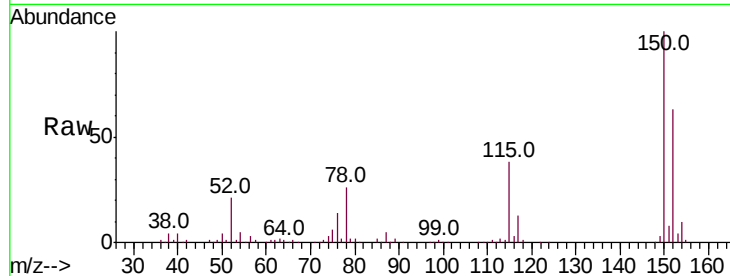


#1

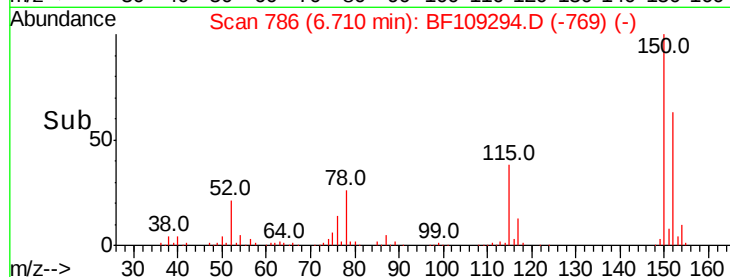
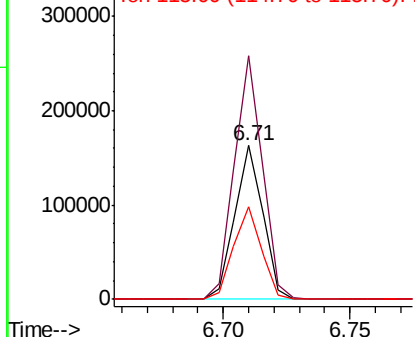
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF109294.D
 Acq: 25 Sep 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	60.1	50.1	75.1



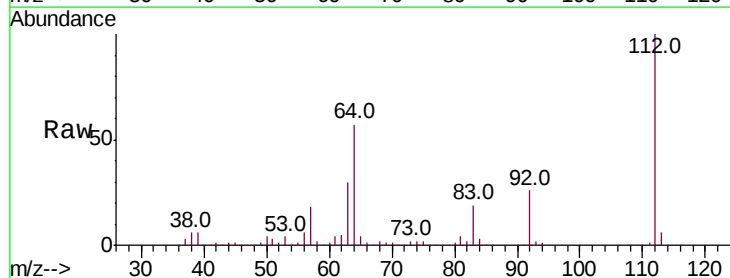
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



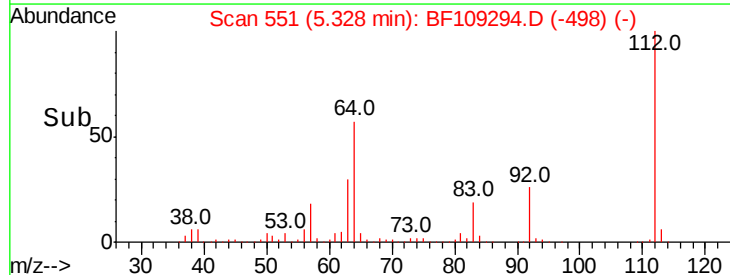
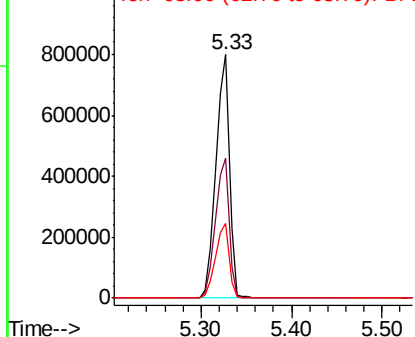
#5

2-Fluorophenol
 Concen: 108.464 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF109294.D
 Acq: 25 Sep 2018 19:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	30.5	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: 109.993 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109294.D

Acq: 25 Sep 2018 19:03

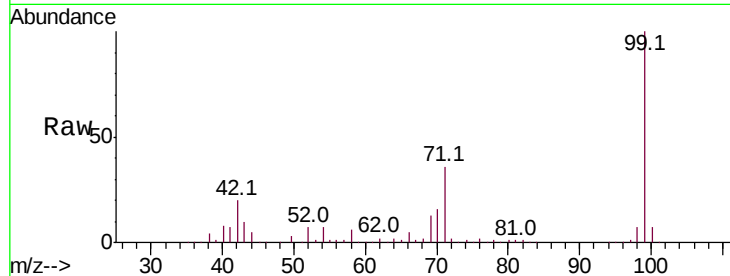
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1066460

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	36.1	25.4	38.0

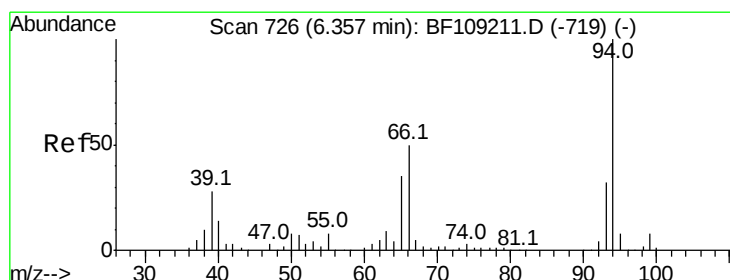
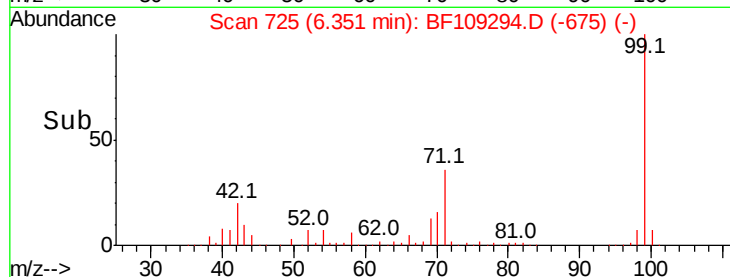
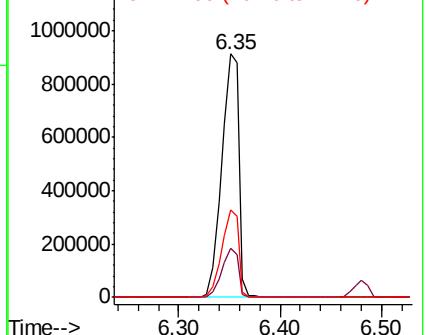


Abundance

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



#10

Phenol

Concen: 3.039 ng

RT: 6.36 min Scan# 727

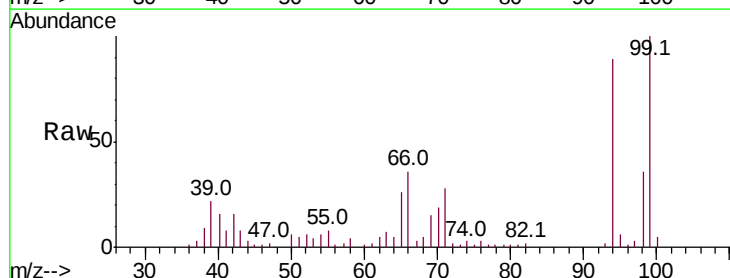
Delta R.T. -0.01 min

Lab File: BF109294.D

Acq: 25 Sep 2018 19:03

Tgt Ion: 94 Resp: 33368

Ion	Ratio	Lower	Upper
94	100		
65	29.6	7.9	47.9
66	39.9	16.2	56.2

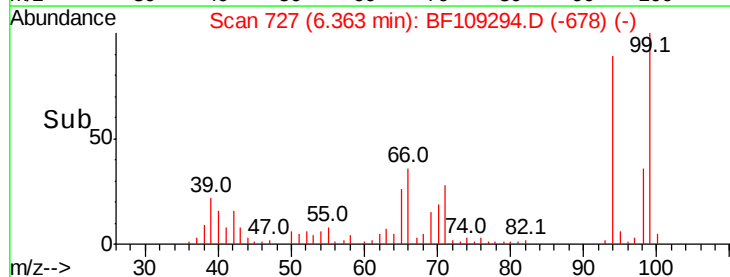
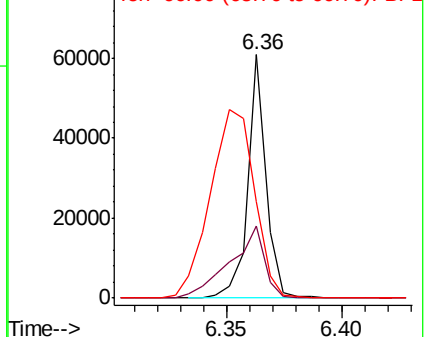


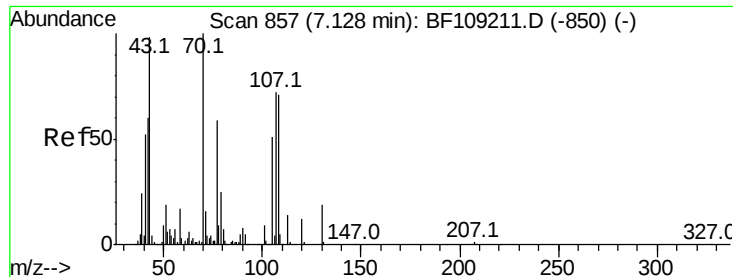
Abundance

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

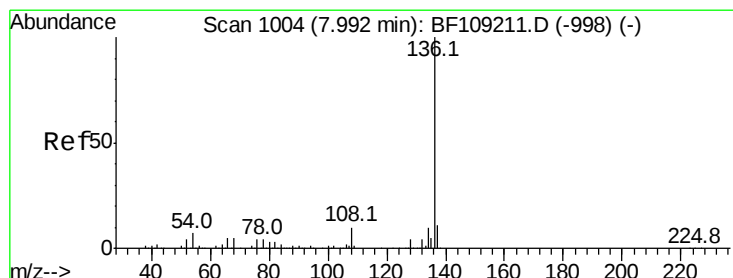
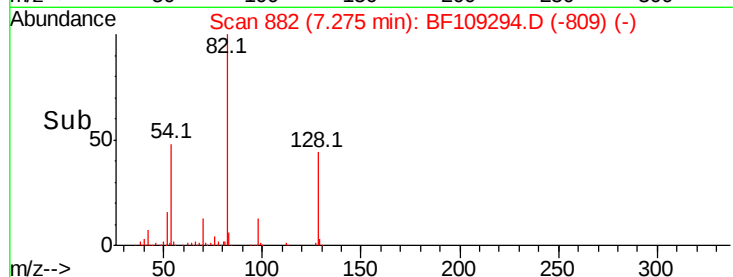
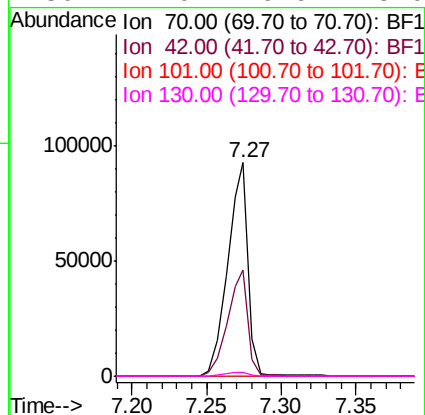
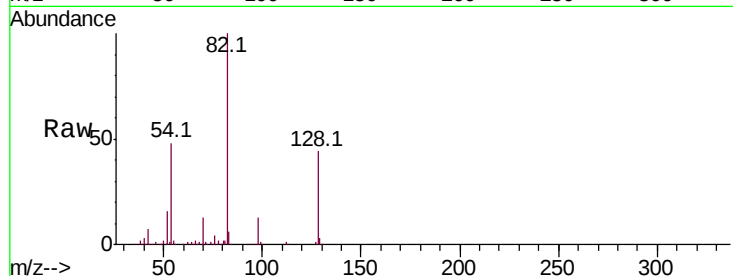




#19
n-Nitroso-di-n-propylamine
Concen: 13.996 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.13 min
Lab File: BF109294.D
Acq: 25 Sep 2018 19:03

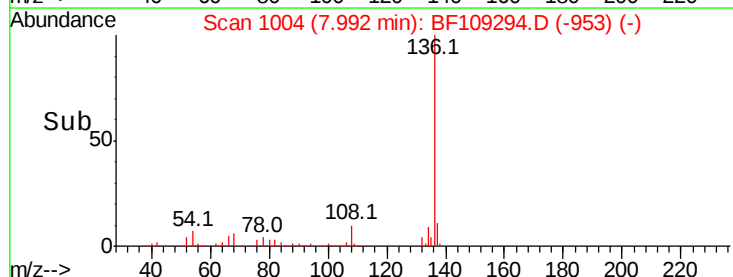
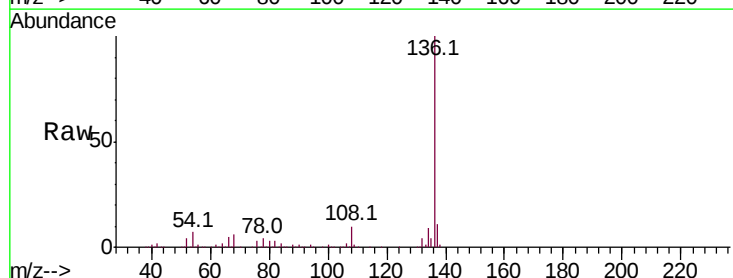
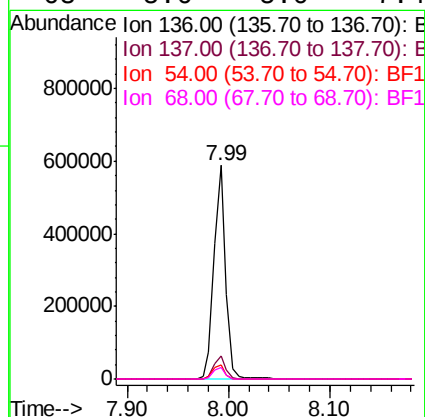
Instrument :
BNA_F
ClientSampleId :

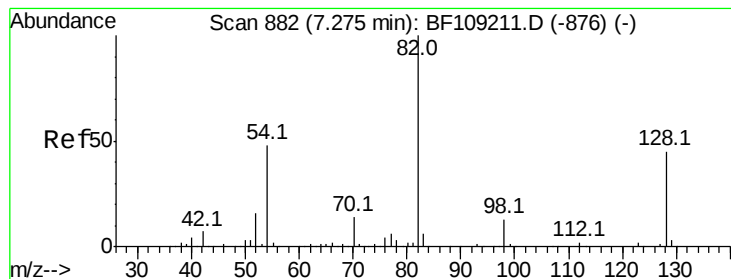
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.5	47.5	71.3	
101	0.0	7.4	11.2	
130	2.0	16.6	25.0	



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF109294.D
Acq: 25 Sep 2018 19:03

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	6.7	6.6	9.8	
68	5.6	5.0	7.4	





#23

Nitrobenzene-d5

Concen: 83.725 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF109294.D

Acq: 25 Sep 2018 19:03

Instrument :

BNA_F

ClientSampleId :

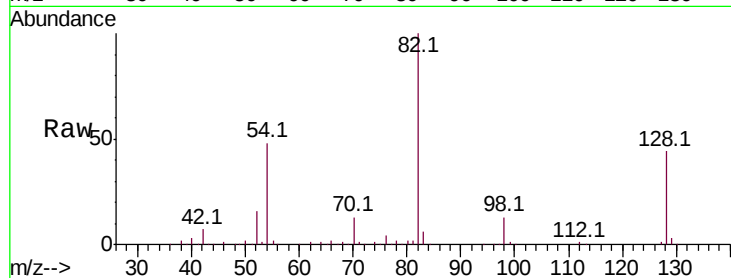
Tot Ion: 82 Resp: 665068

Ion Ratio Lower Upper

82 100

128 44.2 36.1 54.1

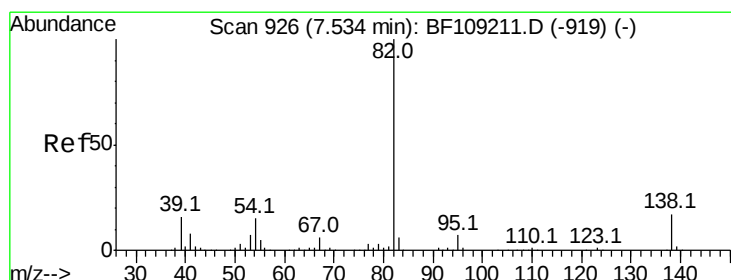
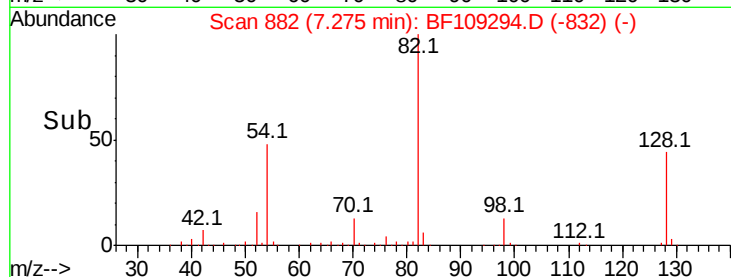
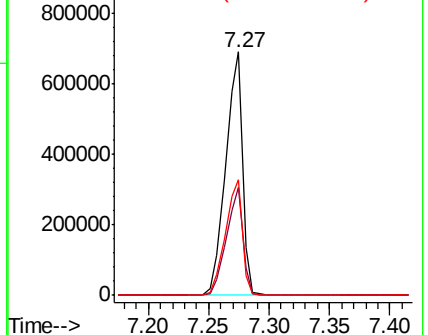
54 47.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 42.962 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.27 min

Lab File: BF109294.D

Acq: 25 Sep 2018 19:03

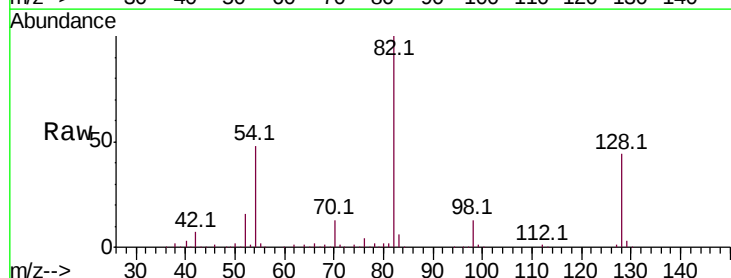
Tgt Ion: 82 Resp: 614538

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

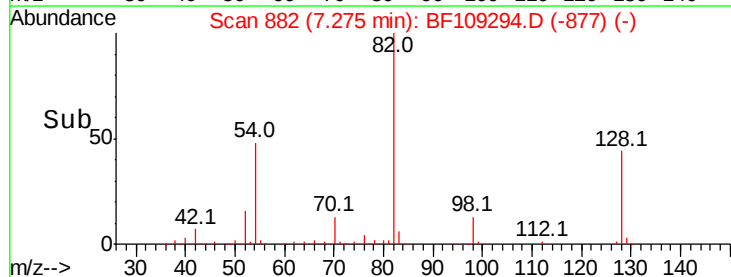
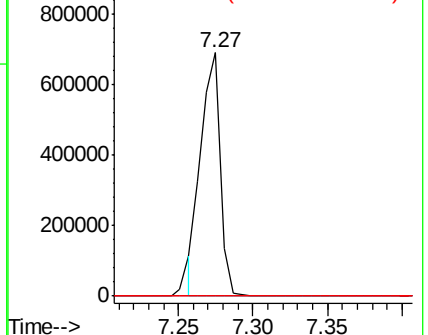
138 0.0 14.9 22.3#

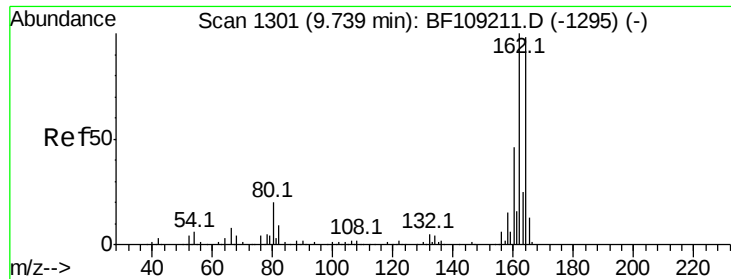


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

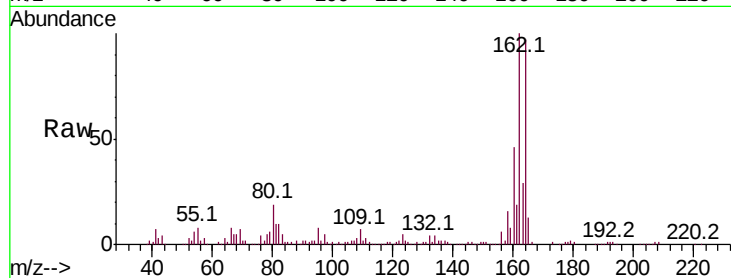




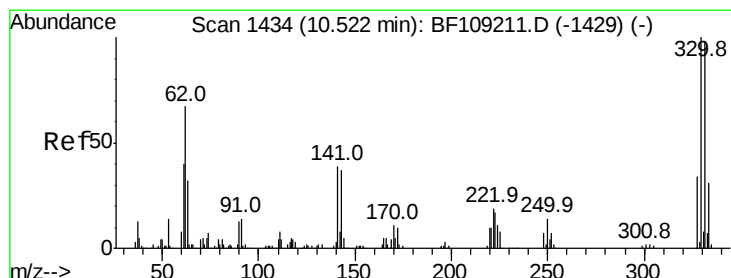
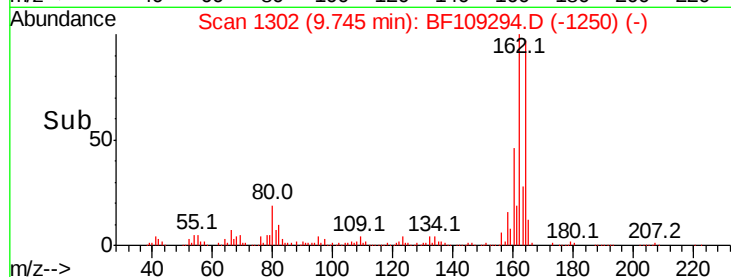
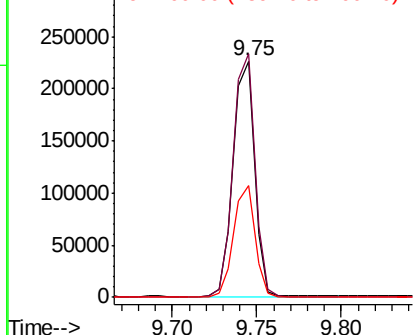
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF109294.D
 Acq: 25 Sep 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 199630
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 47.3 38.3 57.5

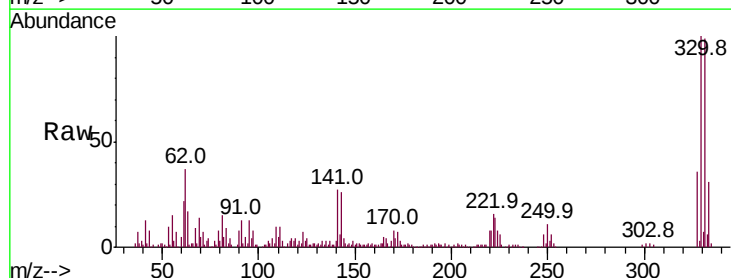


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

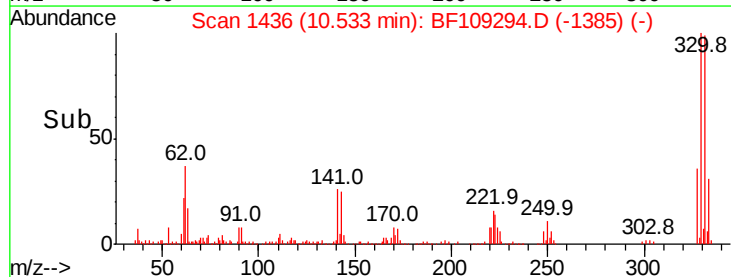
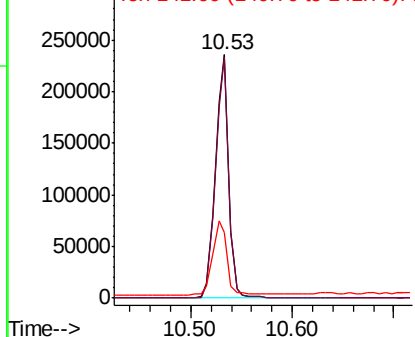


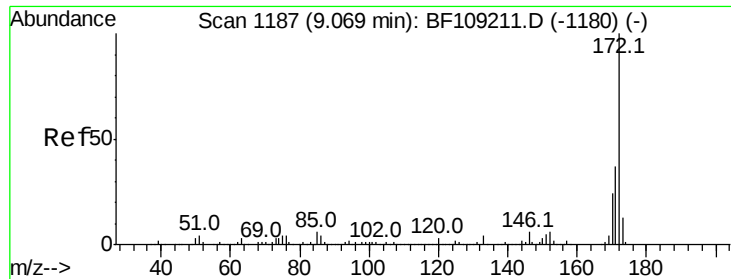
#41
 2,4,6-Tribromophenol
 Concen: 108.946 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BF109294.D
 Acq: 25 Sep 2018 19:03

Tgt Ion:330 Resp: 214398
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.0 115.6
 141 33.5 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

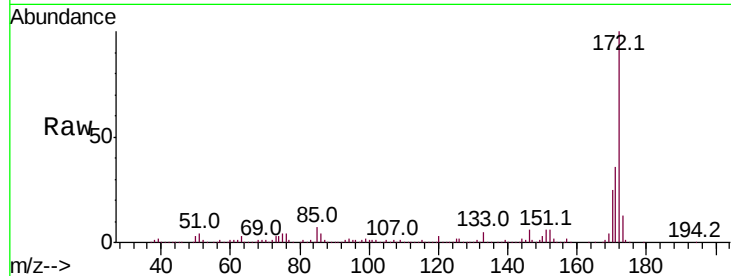




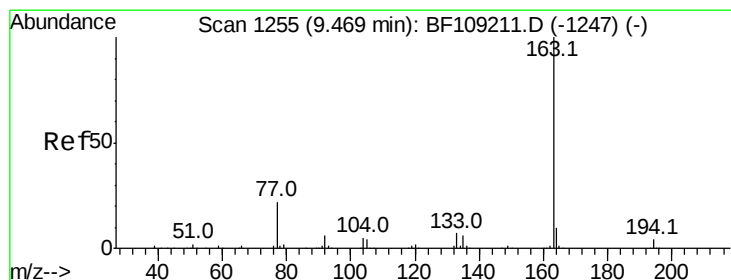
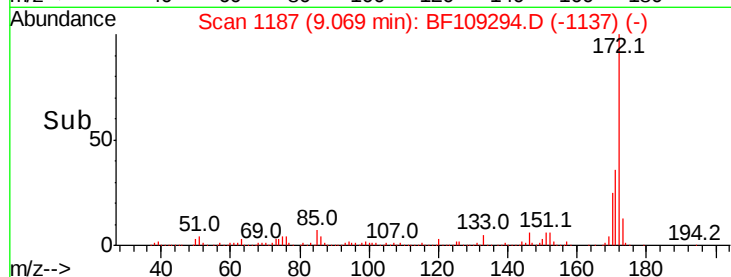
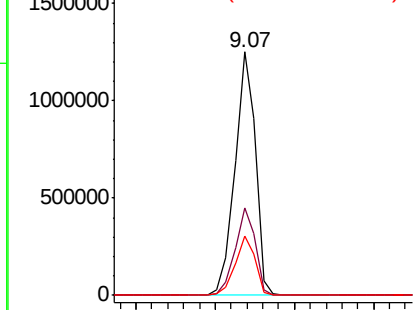
#44
2-Fluorobiphenyl
Concen: 84.766 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109294.D
Acq: 25 Sep 2018 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1121996
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.6 19.6 29.4

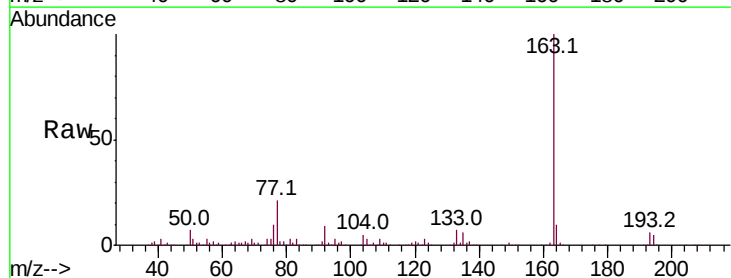


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

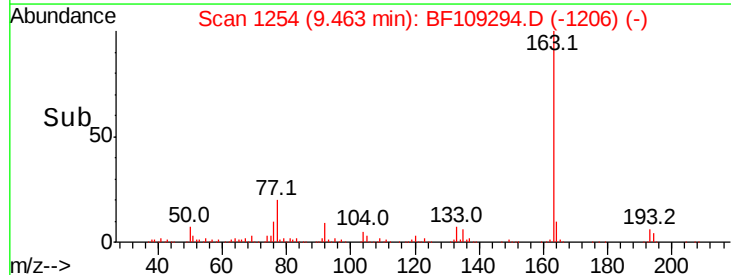
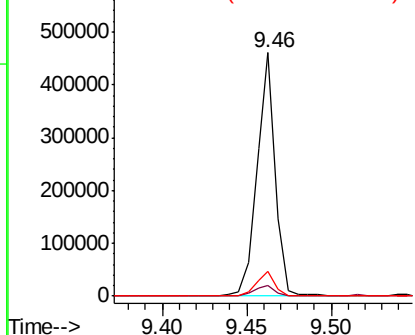


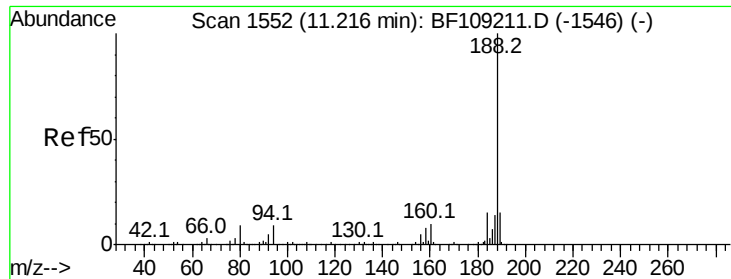
#49
Dimethylphthalate
Concen: 23.661 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF109294.D
Acq: 25 Sep 2018 19:03

Tgt Ion:163 Resp: 343557
Ion Ratio Lower Upper
163 100
194 4.6 2.7 4.1#
164 10.2 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

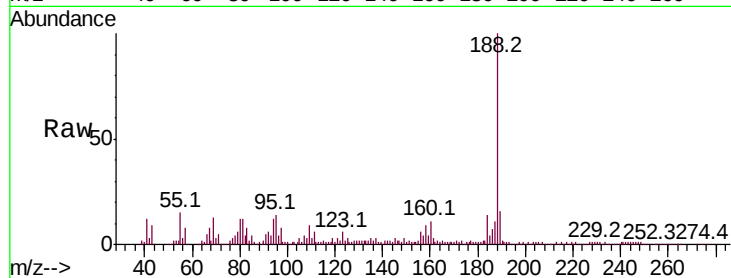




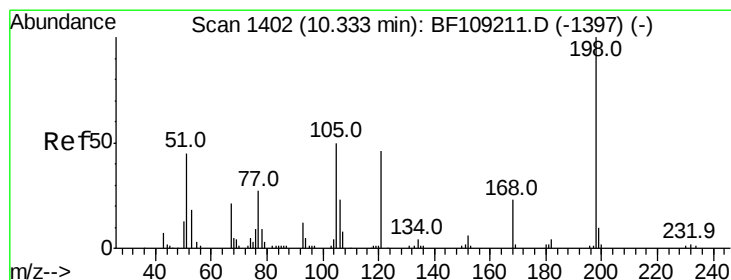
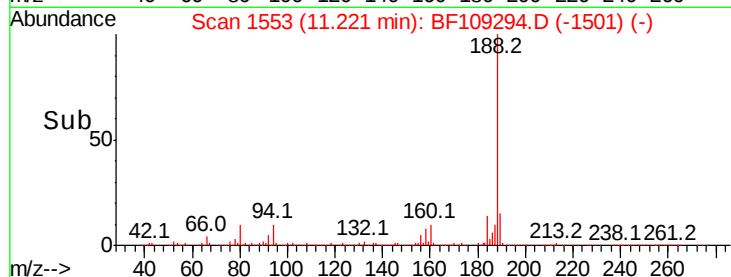
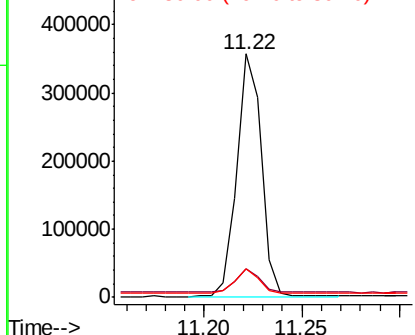
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF109294.D
Acq: 25 Sep 2018 19:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 309240
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 11.7 9.2 13.8

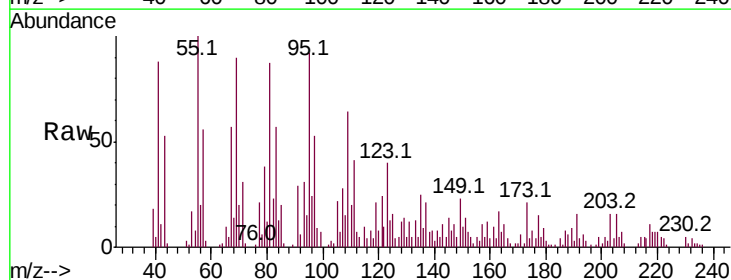


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

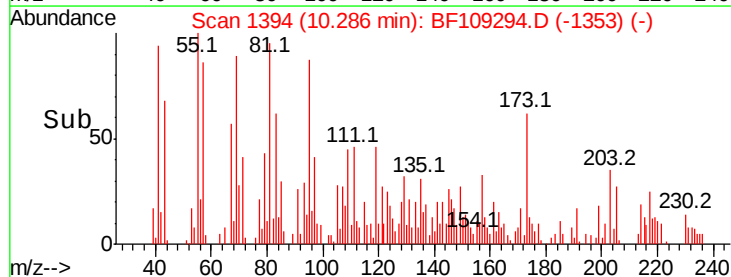
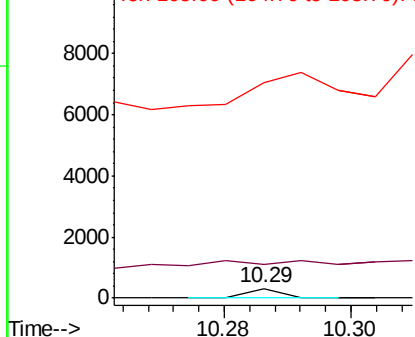


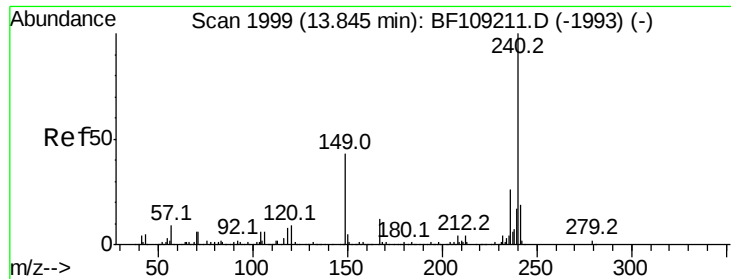
#64
4,6-Dinitro-2-methylphenol
Concen: 6.596 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.06 min
Lab File: BF109294.D
Acq: 25 Sep 2018 19:03

Tgt Ion:198 Resp: 109
Ion Ratio Lower Upper
198 100
51 353.4 37.7 77.7#
105 2282.8 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

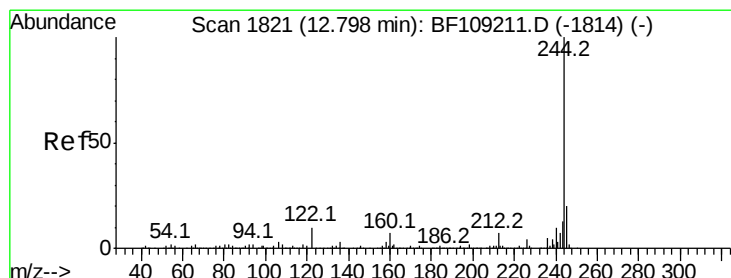
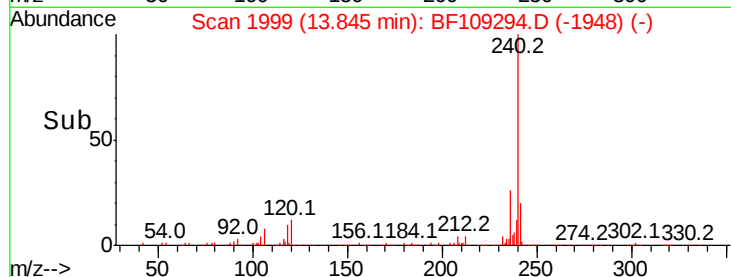
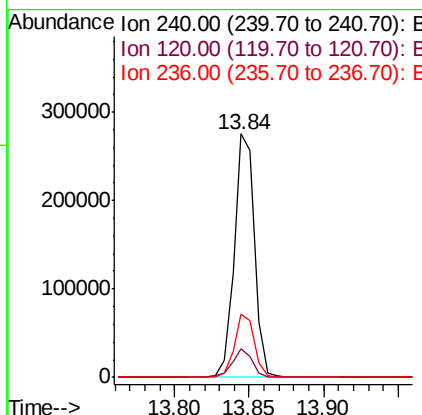
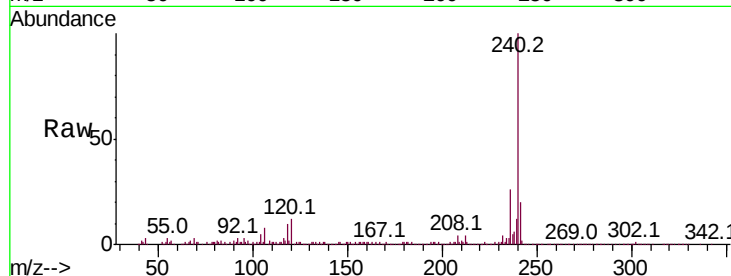




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BF109294.D
 Acq: 25 Sep 2018 19:03

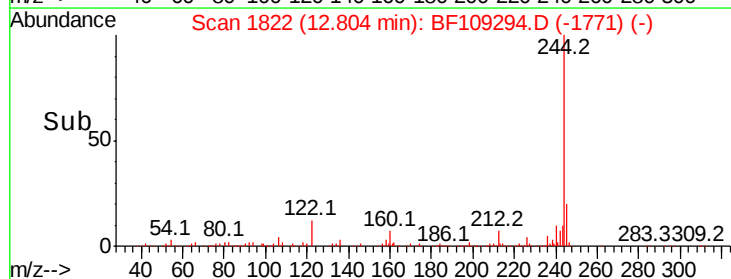
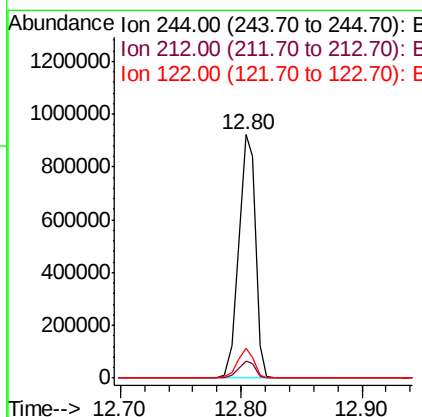
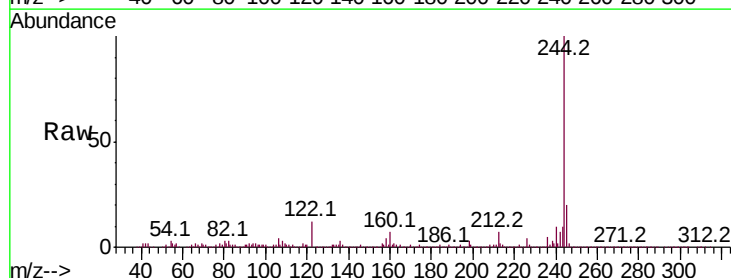
Instrument :
 BNA_F
 ClientSampleId :

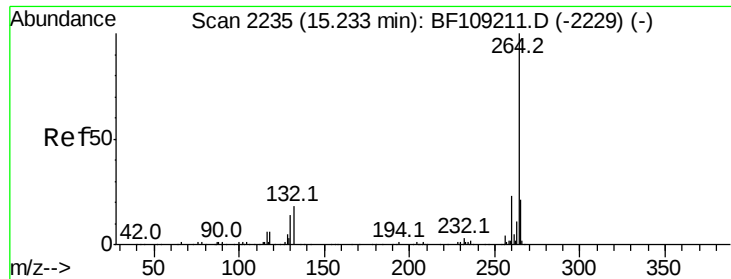
Tot Ion:240	Resp: 261276
Ion Ratio	Lower Upper
240 100	
120 11.9	9.5 14.3
236 26.1	20.7 31.1



#78
 Terphenyl-d14
 Concen: 83.624 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BF109294.D
 Acq: 25 Sep 2018 19:03

Tgt	Ion:244	Resp:	890282
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.3	11.0	16.4

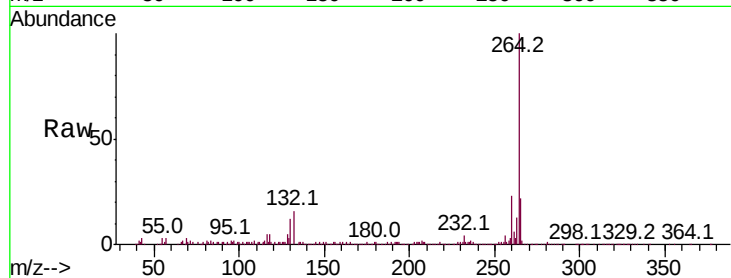




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109294.D
Acq: 25 Sep 2018 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.6	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

