

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109443.D
 Acq On : 28 Sep 2018 21:10
 Operator : JU/SJ
 Sample : J4771-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-092718

Quant Time: Sep 29 02:13:52 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

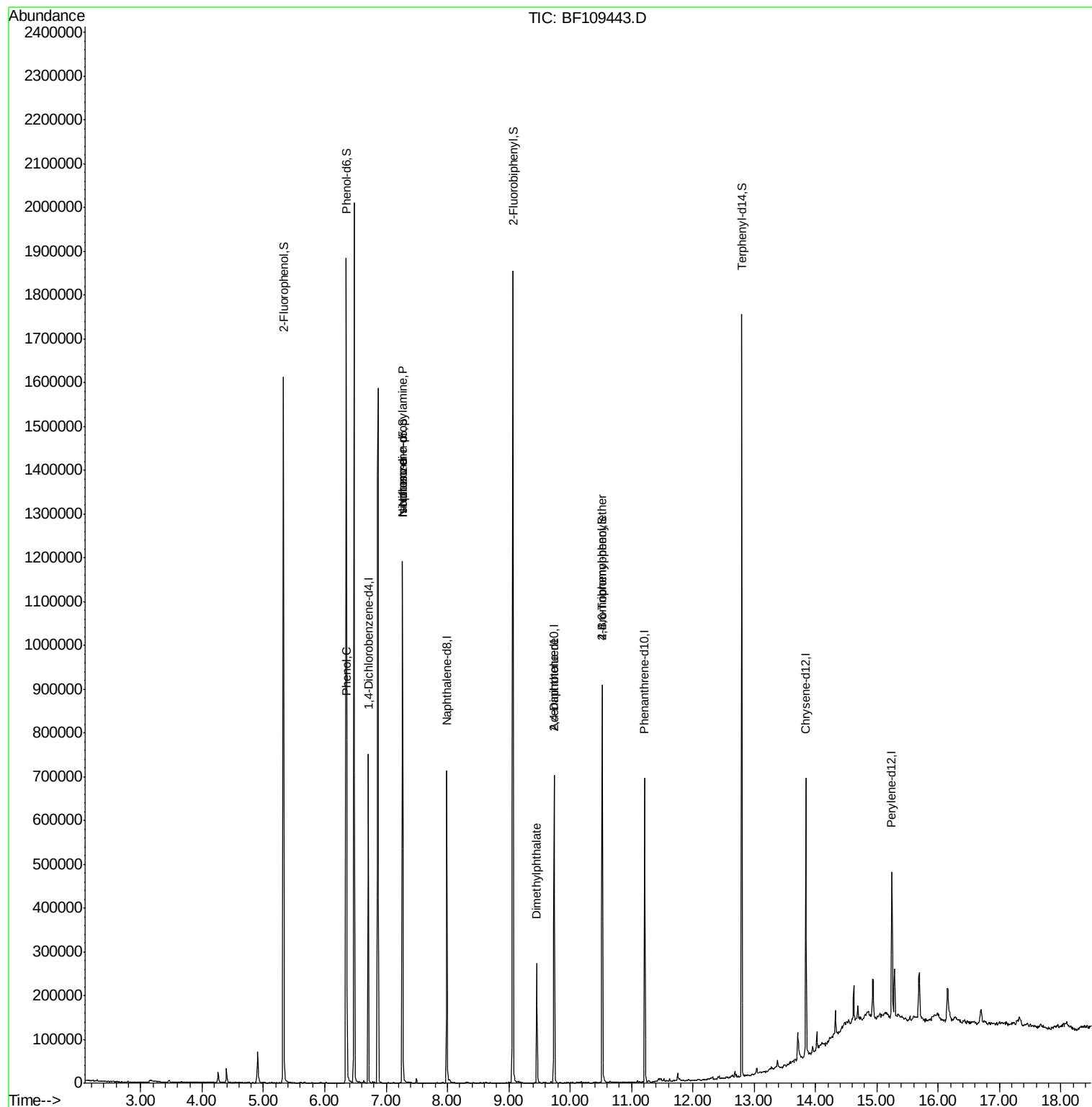
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	101365	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	314783	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	125053	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	237652	20.00	ng	0.00
75) Chrysene-d12	13.84	240	199545	20.00	ng	0.00
86) Perylene-d12	15.24	264	150059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	493354	80.16	ng	0.01
7) Phenol-d6	6.35	99	606782	77.27	ng	0.00
23) Nitrobenzene-d5	7.27	82	358614	67.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	111144	90.16	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	604533	72.91	ng	0.00
78) Terphenyl-d14	12.80	244	593593	73.00	ng	0.00
Target Compounds						
10) Phenol	6.36	94	38252	4.301	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	47941	9.317	ng	# 78
25) Isophorone	7.27	82	318218	33.140	ng	# 64
49) Dimethylphthalate	9.46	163	105311	11.578	ng	99
56) 2,4-Dinitrotoluene	9.74	165	16007	7.023	ng	# 21
66) 4-Bromophenyl-phenylether	10.53	248	6846	2.594	ng	# 1

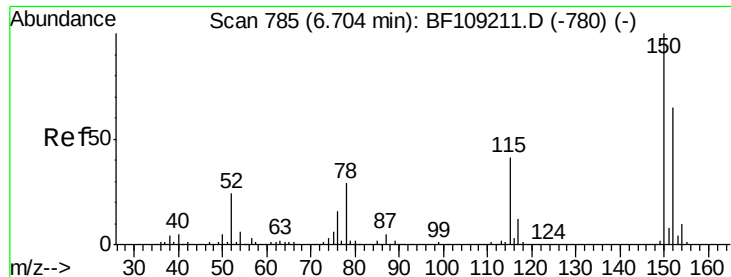
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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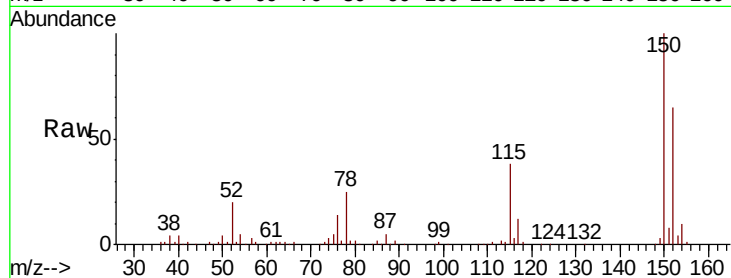


#1

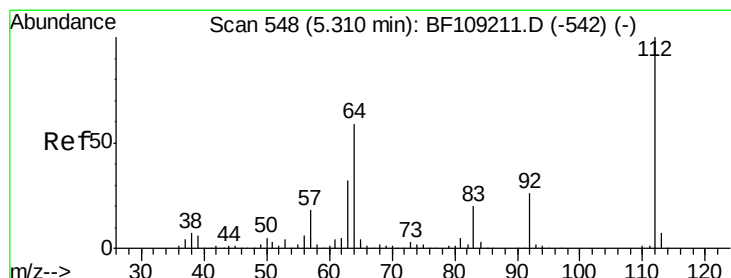
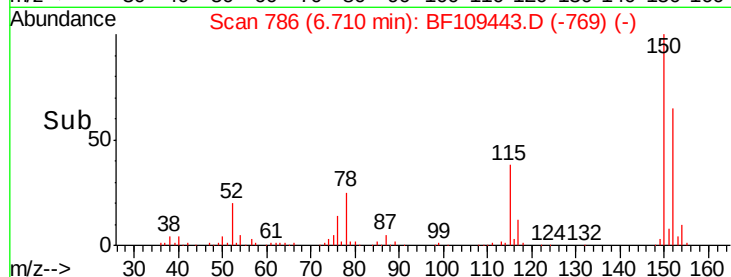
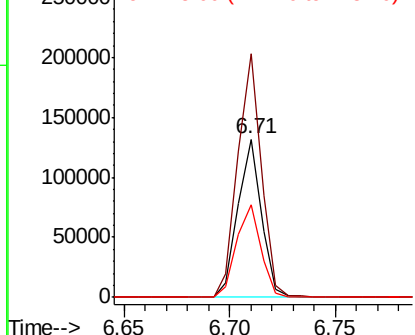
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF109443.D
 Acq: 28 Sep 2018 21:10

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-092718

Tgt Ion:152 Resp: 101365
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.6 186.8
 115 59.0 50.1 75.1



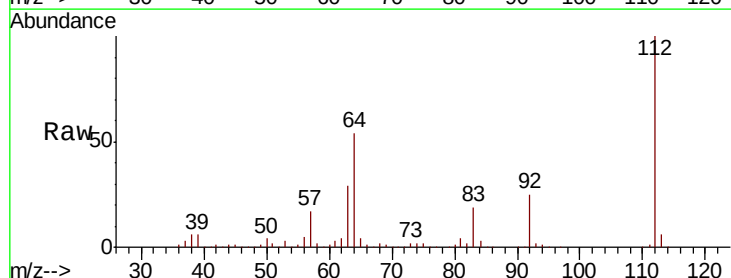
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



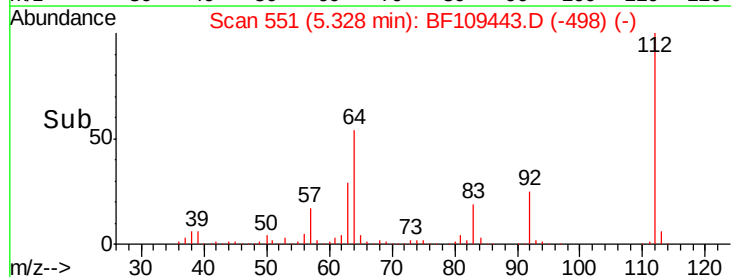
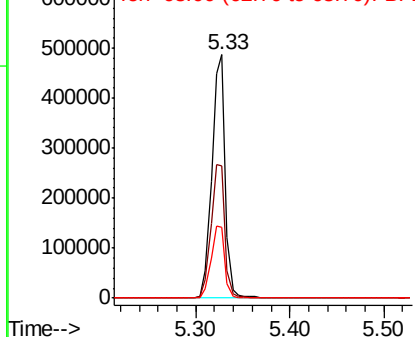
#5

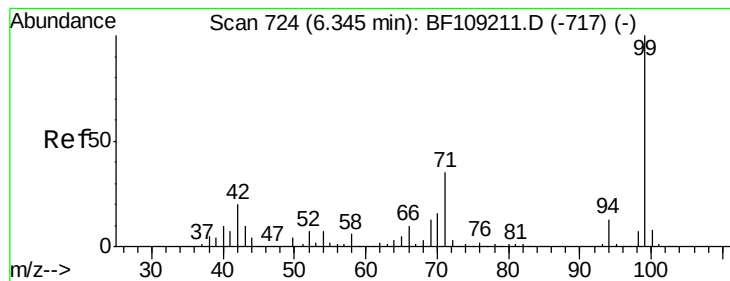
2-Fluorophenol
 Concen: 80.165 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF109443.D
 Acq: 28 Sep 2018 21:10

Tgt Ion:112 Resp: 493354
 Ion Ratio Lower Upper
 112 100
 64 54.1 47.9 71.9
 63 29.3 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: 77.267 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109443.D

Acq: 28 Sep 2018 21:10

Instrument :

BNA_F

ClientSampleId :

NB-08-092718

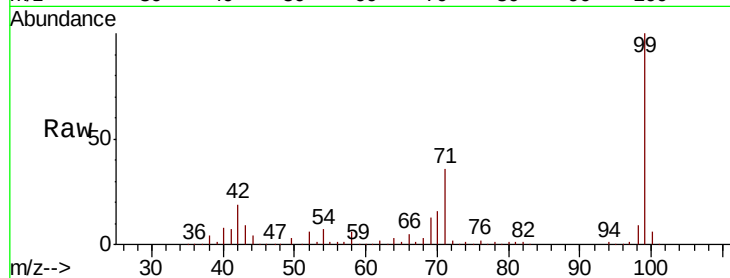
Tgt Ion: 99 Resp: 606782

Ion Ratio Lower Upper

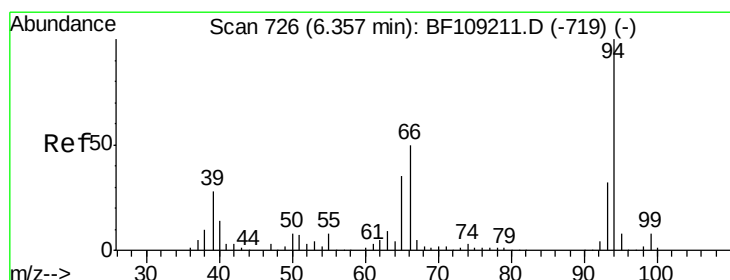
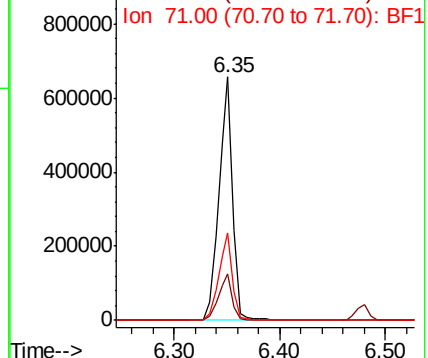
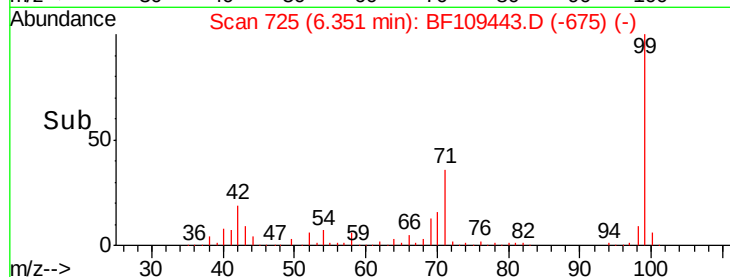
99 100

42 19.3 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



#10

Phenol

Concen: 4.301 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109443.D

Acq: 28 Sep 2018 21:10

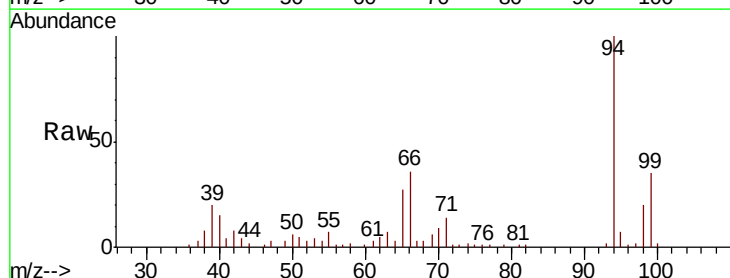
Tgt Ion: 94 Resp: 38252

Ion Ratio Lower Upper

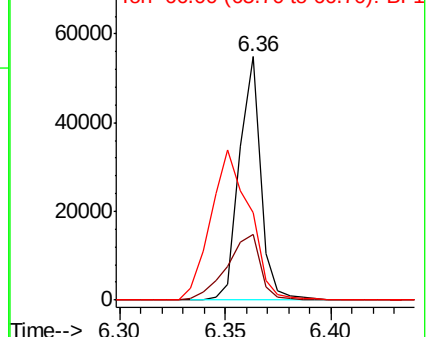
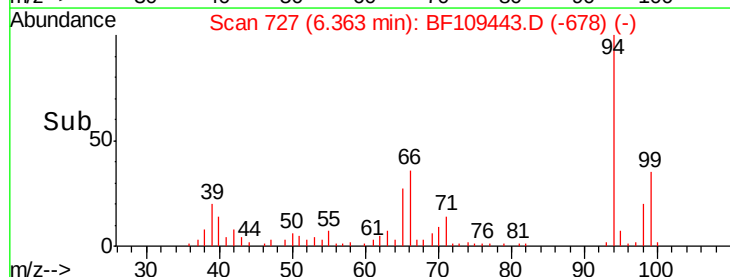
94 100

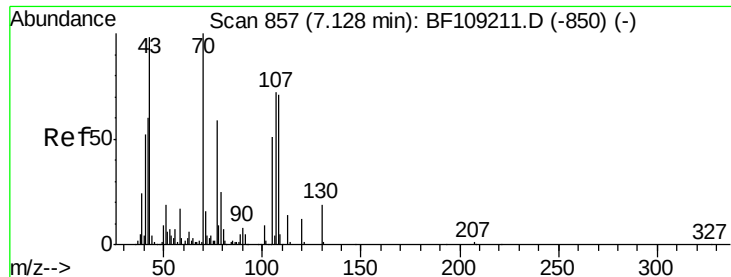
65 26.8 7.9 47.9

66 35.9 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

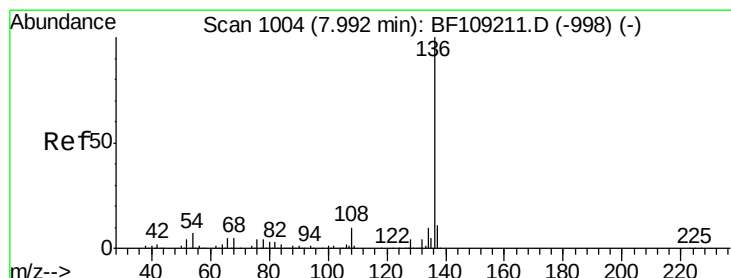
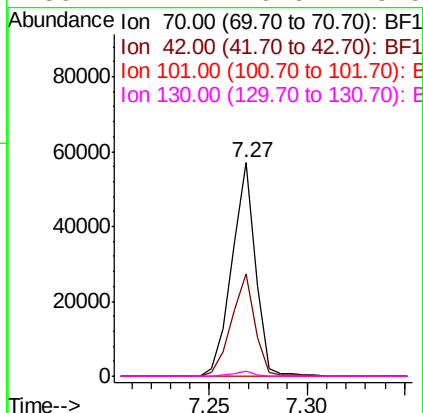
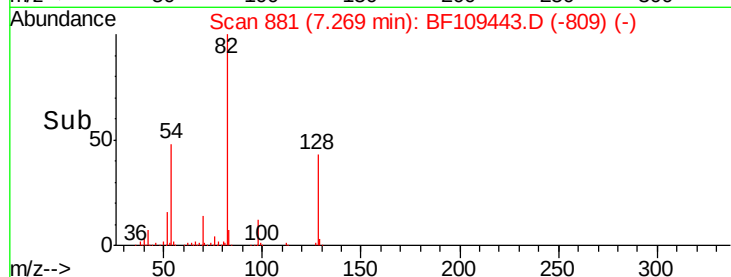
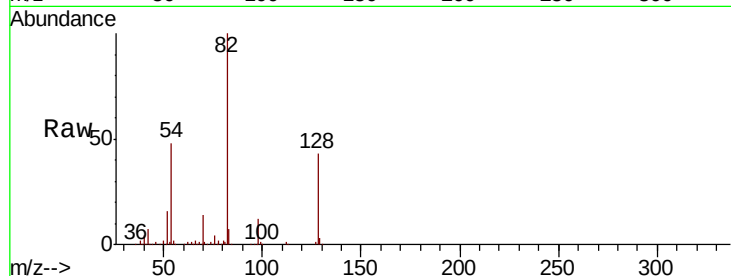




#19
n-Nitroso-di-n-propylamine
Concen: 9.317 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109443.D
Acq: 28 Sep 2018 21:10

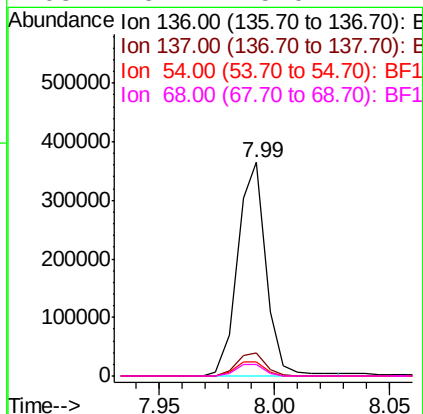
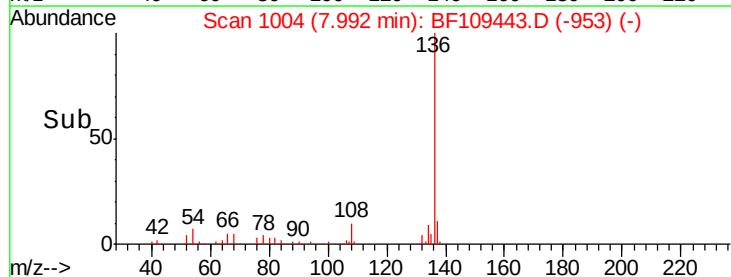
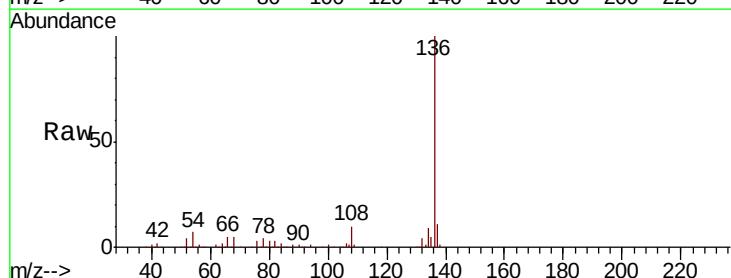
Instrument :
BNA_F
ClientSampleId :
NB-08-092718

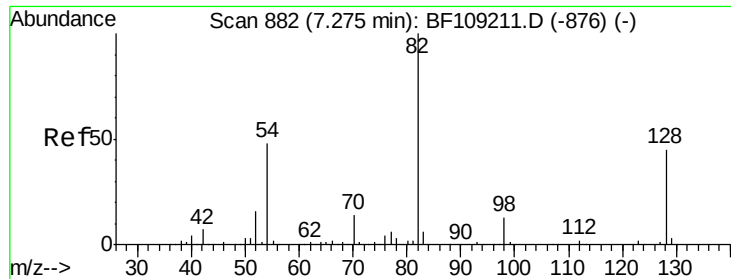
Tgt Ion: 70 Resp: 47941
Ion Ratio Lower Upper
70 100
42 48.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF109443.D
Acq: 28 Sep 2018 21:10

Tgt Ion: 136 Resp: 314783
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.6 6.6 9.8
68 5.4 5.0 7.4

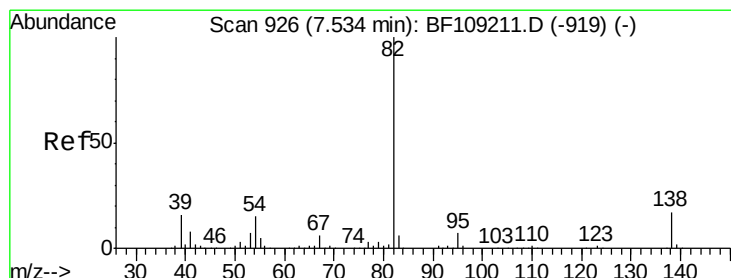
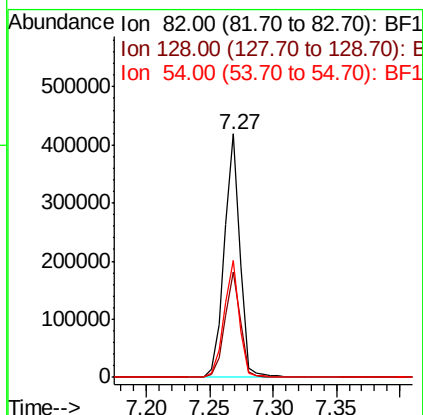
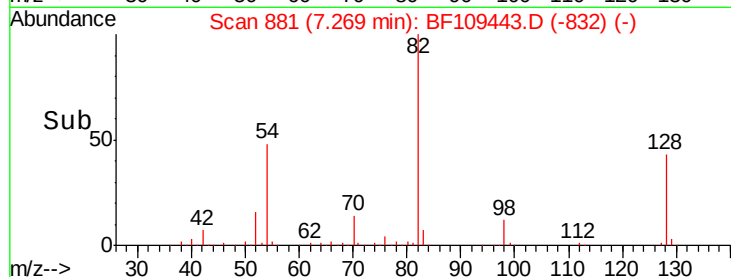
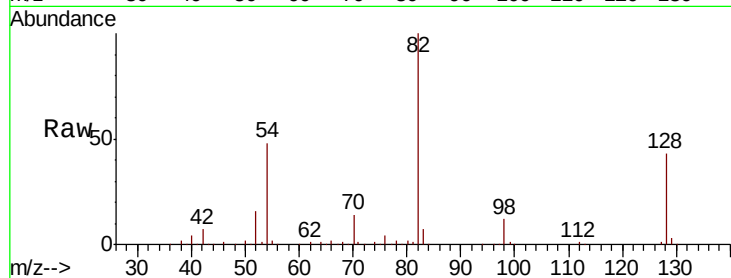




#23
 Nitrobenzene-d5
 Concen: 67.251 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109443.D
 Acq: 28 Sep 2018 21:10

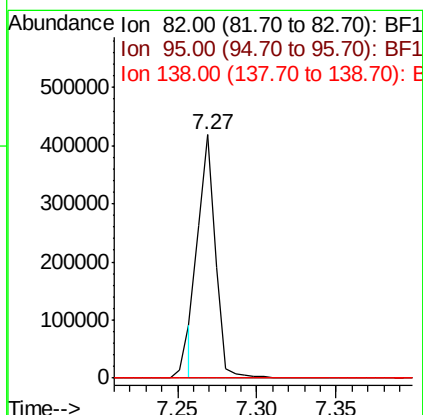
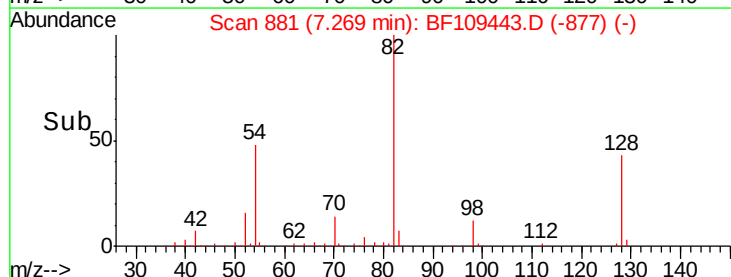
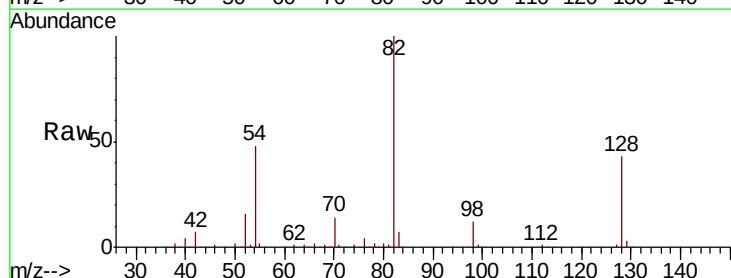
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-092718

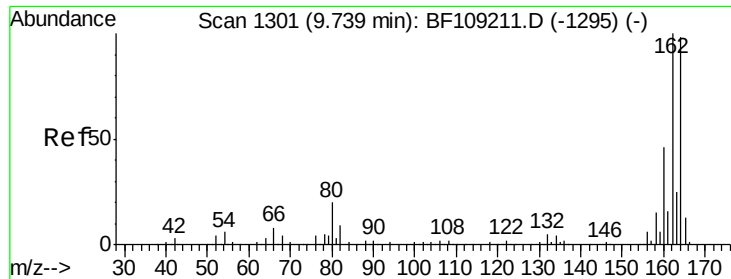
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	47.9	41.4	62.2



#25
 Isophorone
 Concen: 33.140 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109443.D
 Acq: 28 Sep 2018 21:10

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

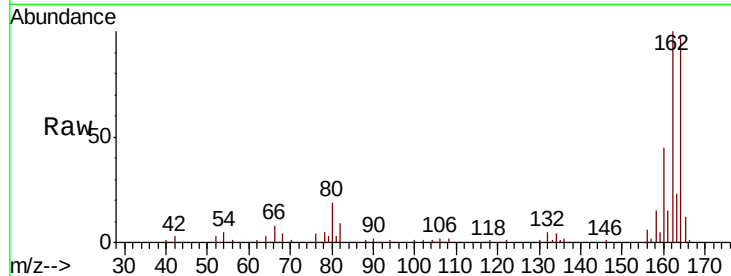




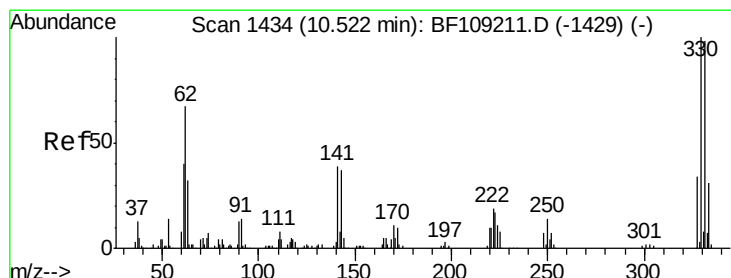
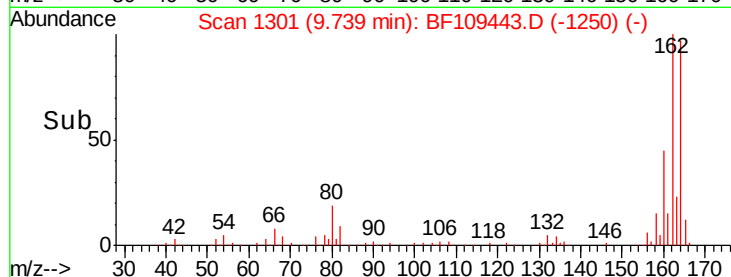
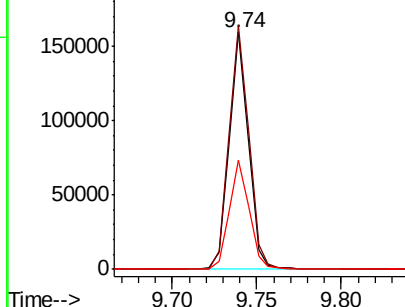
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109443.D
 Acq: 28 Sep 2018 21:10

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-092718

Tgt Ion:164 Resp: 125053
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 46.1 38.3 57.5

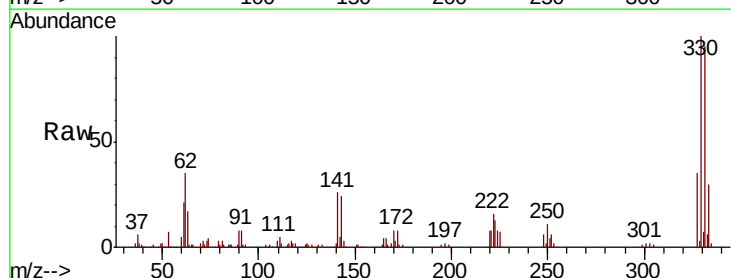


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

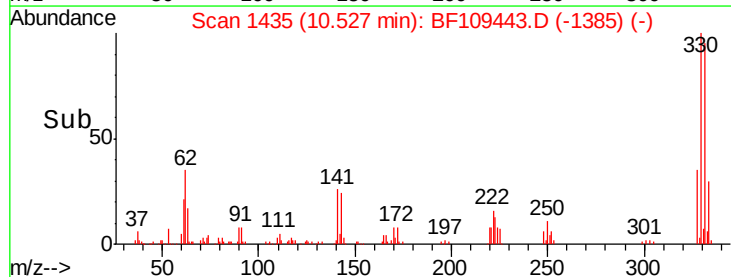
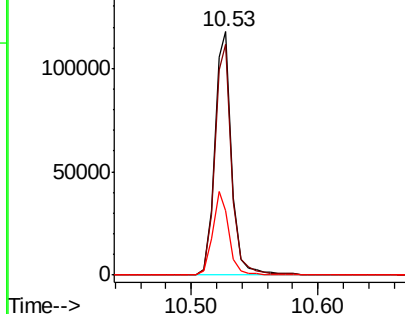


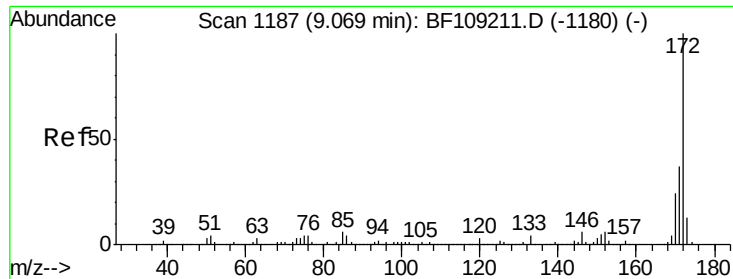
#41
 2,4,6-Tribromophenol
 Concen: 90.158 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109443.D
 Acq: 28 Sep 2018 21:10

Tgt Ion:330 Resp: 111144
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 33.0 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

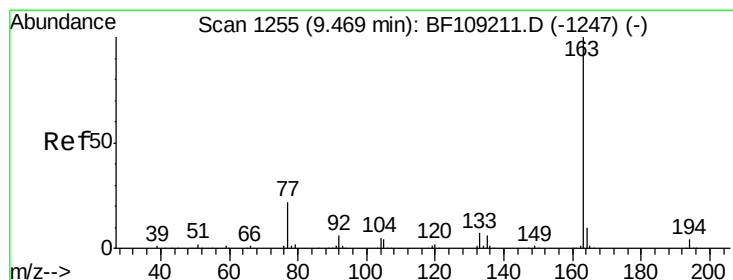
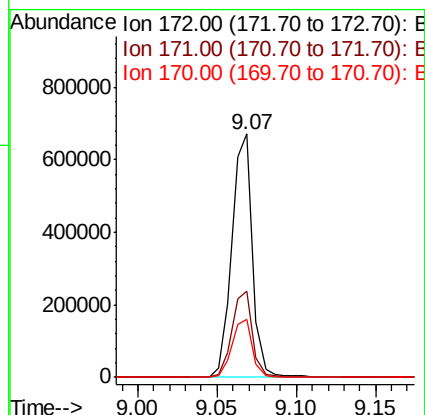
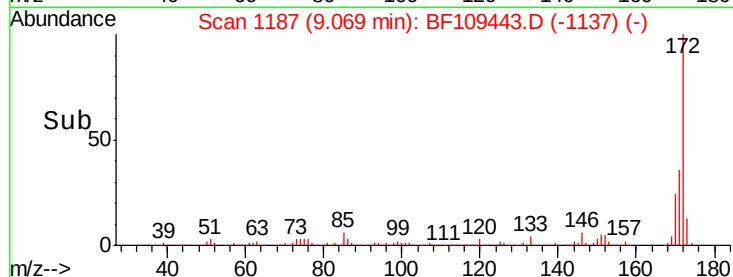
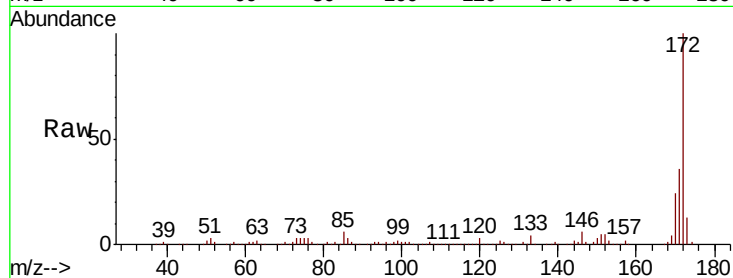




#44
 2-Fluorobiphenyl
 Concen: 72.909 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109443.D
 Acq: 28 Sep 2018 21:10

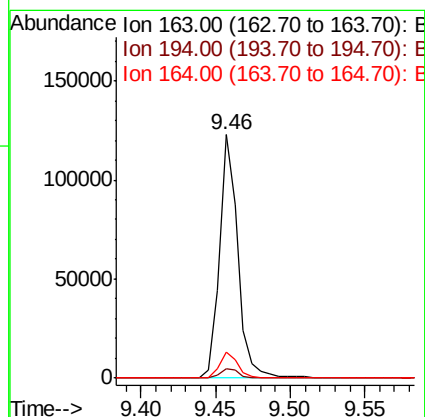
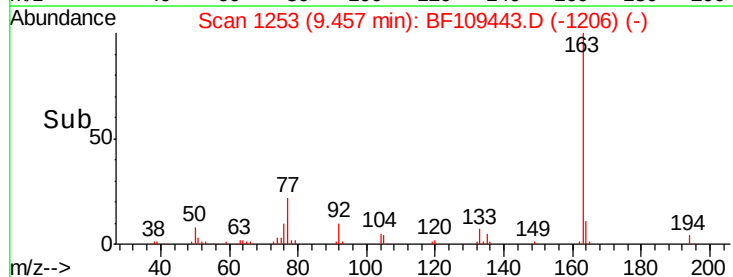
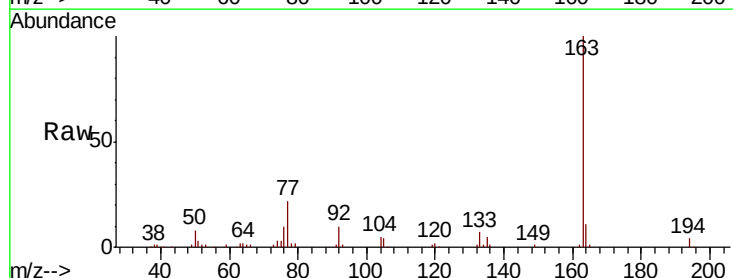
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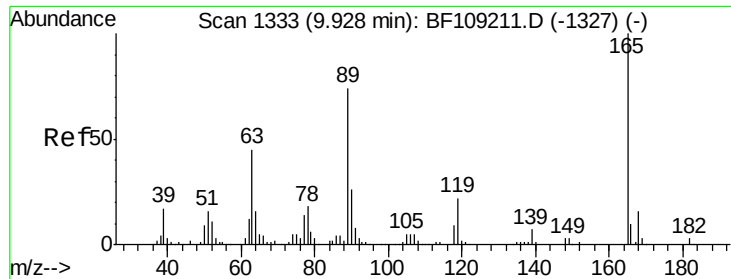
Tgt Ion:172 Resp: 604533
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.6 19.6 29.4



#49
 Dimethylphthalate
 Concen: 11.578 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109443.D
 Acq: 28 Sep 2018 21:10

Tgt Ion:163 Resp: 105311
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.7 8.2 12.2

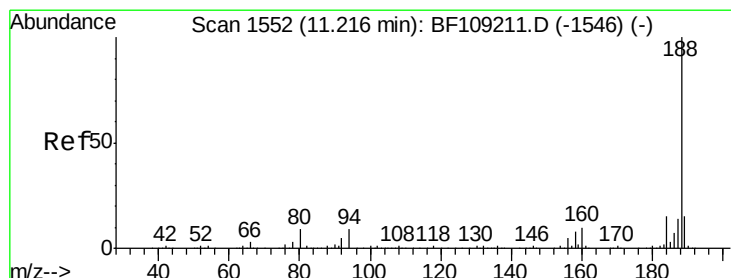
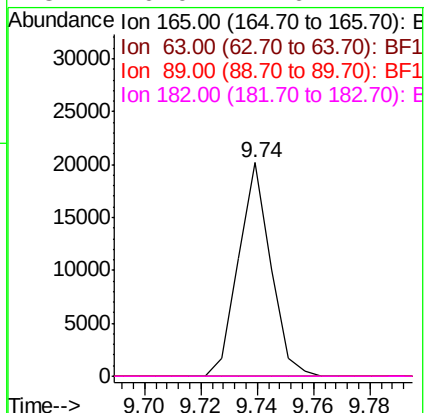
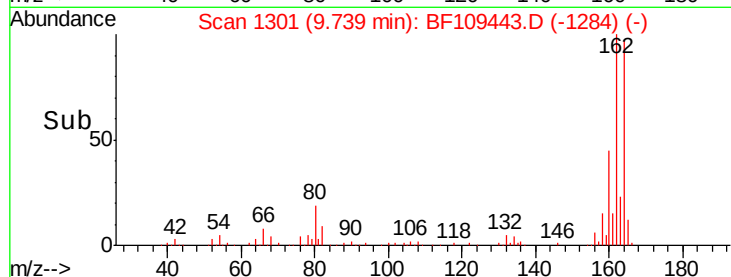
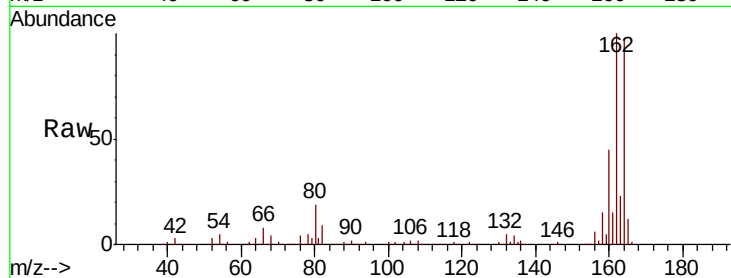




#56
 2,4-Dinitrotoluene
 Concen: 7.023 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109443.D
 Acq: 28 Sep 2018 21:10

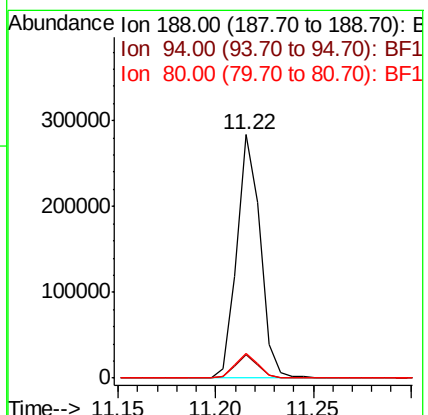
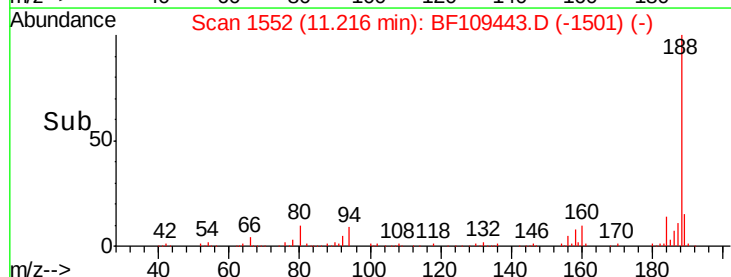
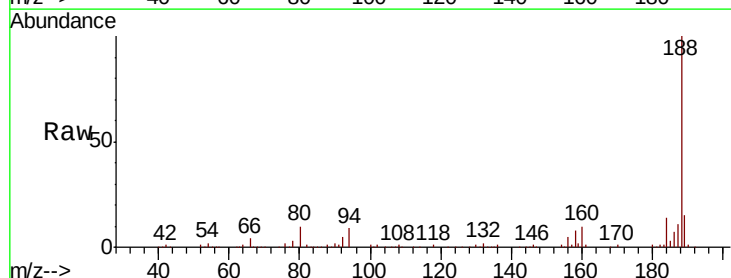
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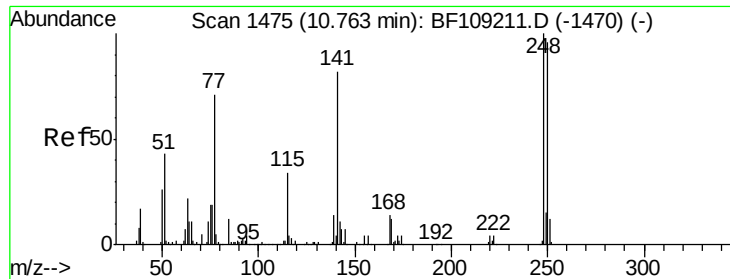
Tgt Ion:	165	Resp:	16007
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF109443.D
 Acq: 28 Sep 2018 21:10

Tgt Ion:	188	Resp:	237652
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.1	9.2	13.8

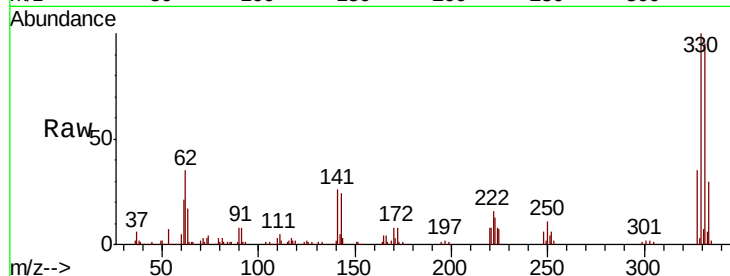




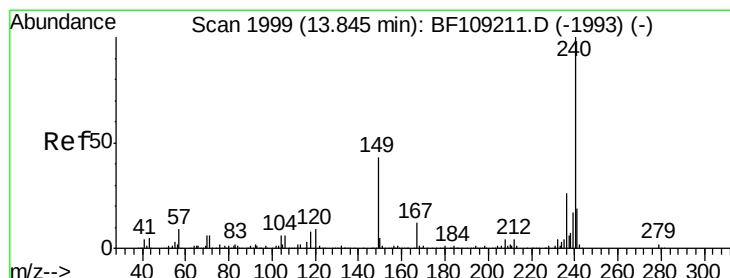
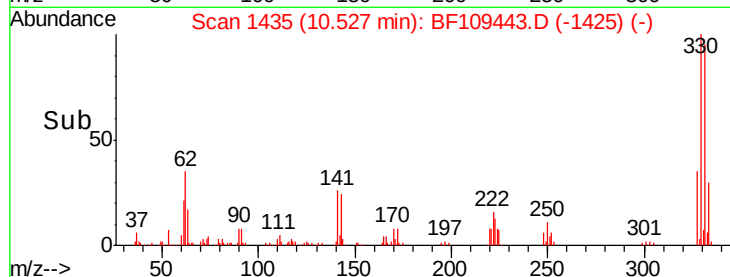
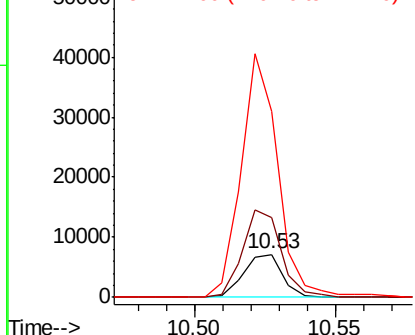
#66
4-Bromophenyl-phenylether
Concen: 2.594 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF109443.D
Acq: 28 Sep 2018 21:10

Instrument :
BNA_F
ClientSampleId :
NB-08-092718

Tgt Ion:248 Resp: 6846
Ion Ratio Lower Upper
248 100
250 186.2 76.9 115.3#
141 434.5 74.4 111.6#

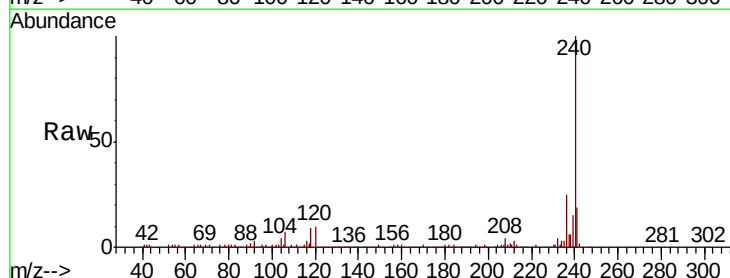


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

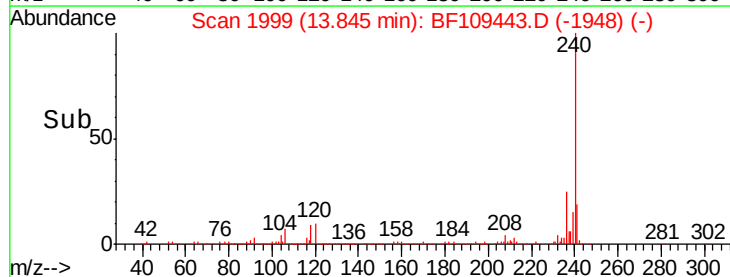
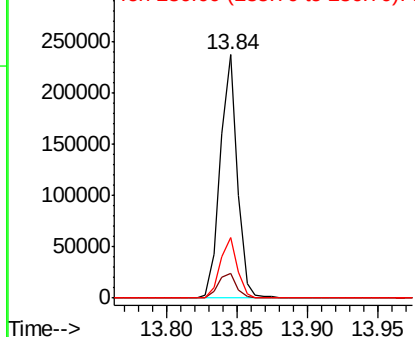


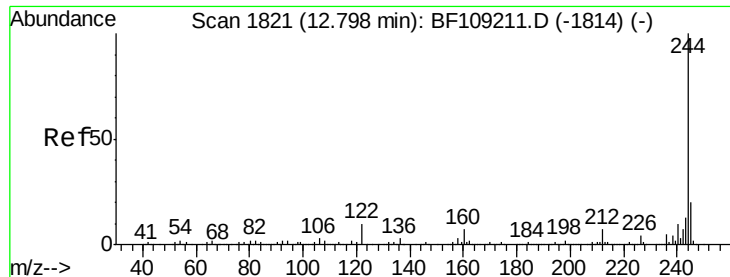
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF109443.D
Acq: 28 Sep 2018 21:10

Tgt Ion:240 Resp: 199545
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 24.7 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: 73.005 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109443.D

Acq: 28 Sep 2018 21:10

Instrument :

BNA_F

ClientSampleId :

NB-08-092718

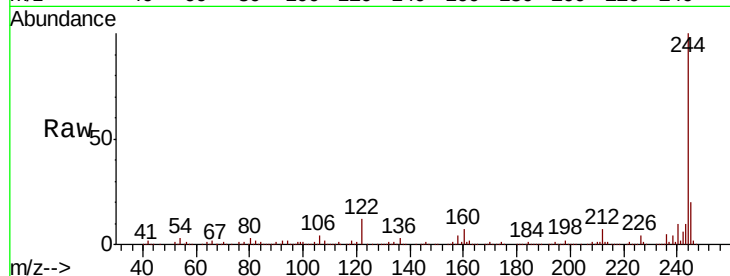
Tgt Ion:244 Resp: 593593

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

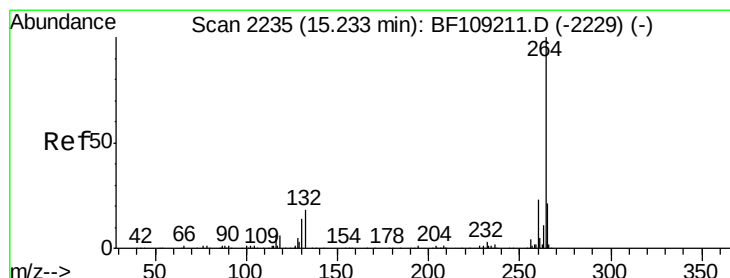
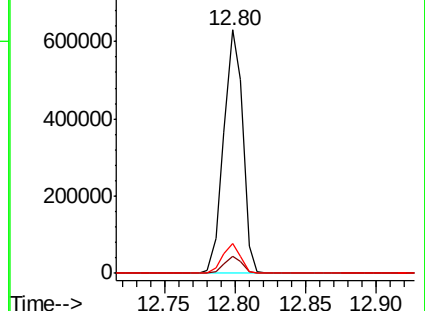
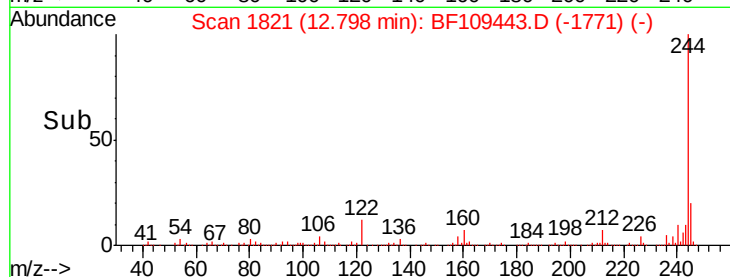
122 12.2 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF109443.D

Acq: 28 Sep 2018 21:10

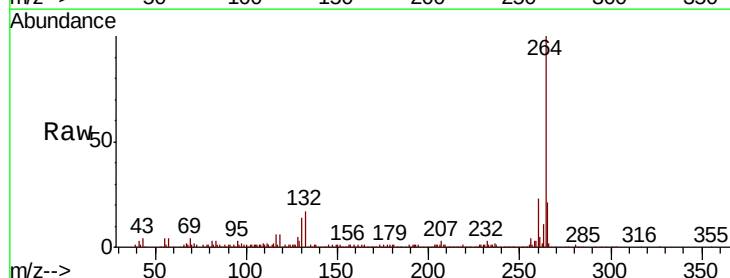
Tgt Ion:264 Resp: 150059

Ion Ratio Lower Upper

264 100

260 23.0 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

