

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
 Data File : BF109273.D
 Acq On : 24 Sep 2018 17:45
 Operator : JU/SJ
 Sample : J4770-09 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-E

Quant Time: Sep 25 04:42:35 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

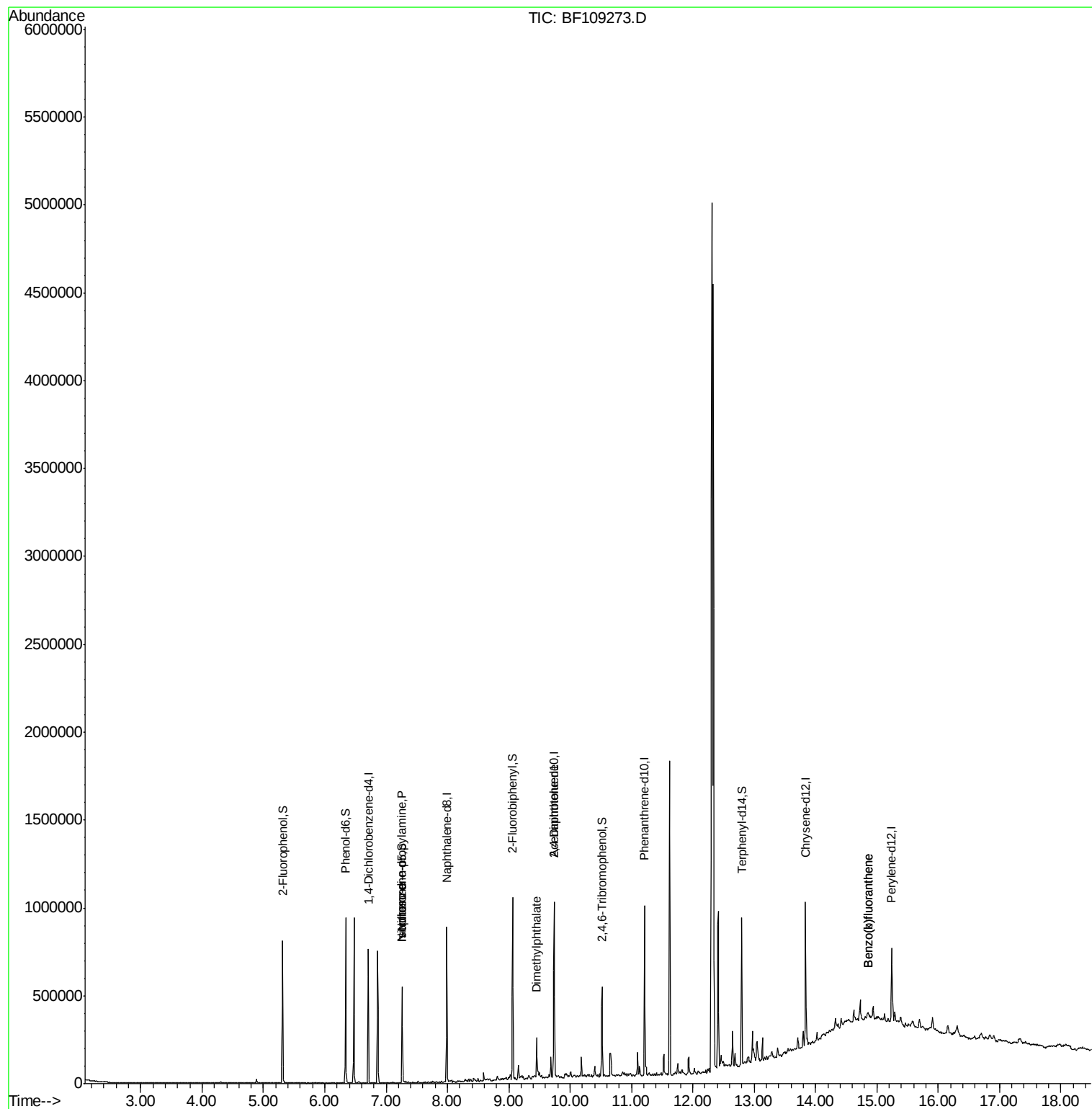
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	104308	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	395067	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	167201	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	308806	20.00	ng	0.00
75) Chrysene-d12	13.84	240	290920	20.00	ng	0.00
86) Perylene-d12	15.24	264	194501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	207606	32.78	ng	0.00
7) Phenol-d6	6.34	99	262542	32.49	ng	-0.02
23) Nitrobenzene-d5	7.26	82	151693	22.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	54530	33.08	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	273049	24.63	ng	-0.01
78) Terphenyl-d14	12.80	244	263646	22.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	21238	4.011	ng	# 79
25) Isophorone	7.26	82	114842	9.529	ng	# 64
49) Dimethylphthalate	9.46	163	77091	6.339	ng	# 99
56) 2,4-Dinitrotoluene	9.74	165	22376	7.342	ng	# 23
87) Benzo(b)fluoranthene	14.85	252	24347	2.278	ng	# 63
88) Benzo(k)fluoranthene	14.85	252	24372	2.403	ng	# 67

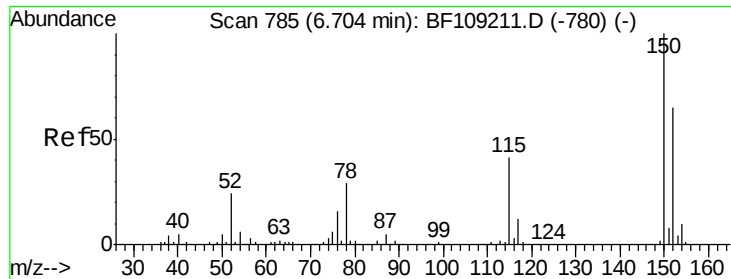
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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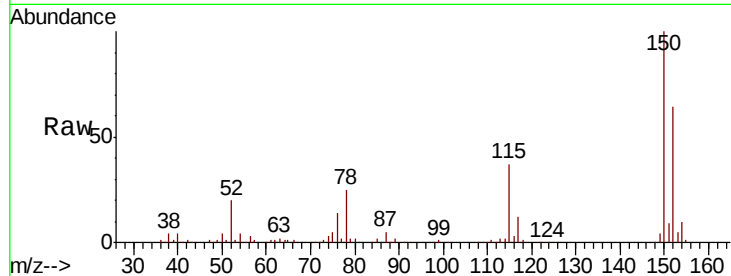




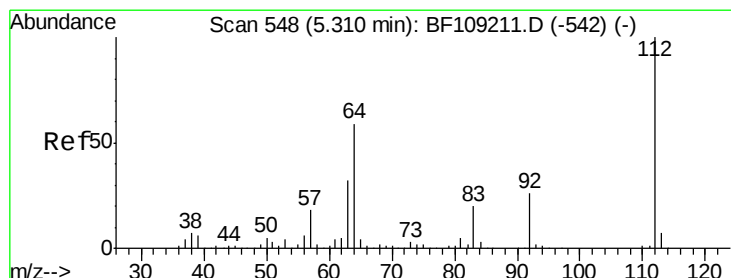
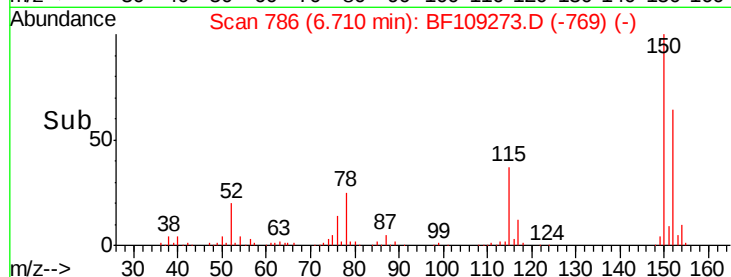
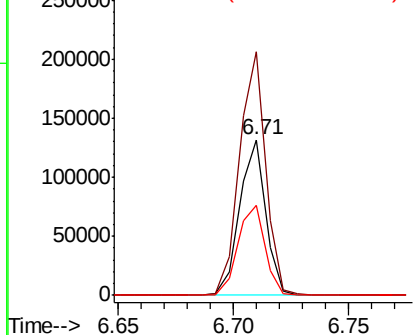
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF109273.D
 Acq: 24 Sep 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-E

Tgt Ion:152 Resp: 104308
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.6 186.8
 115 57.9 50.1 75.1

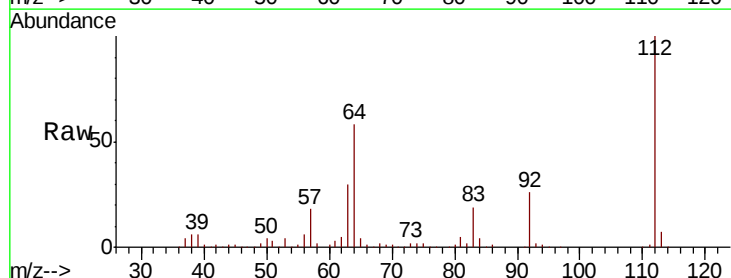


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

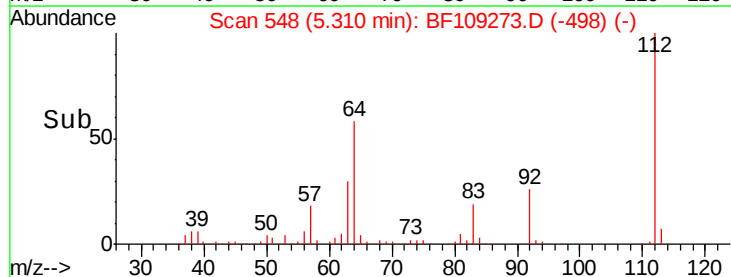
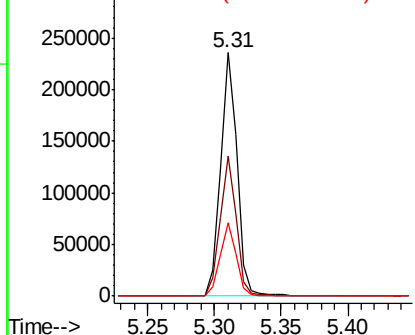


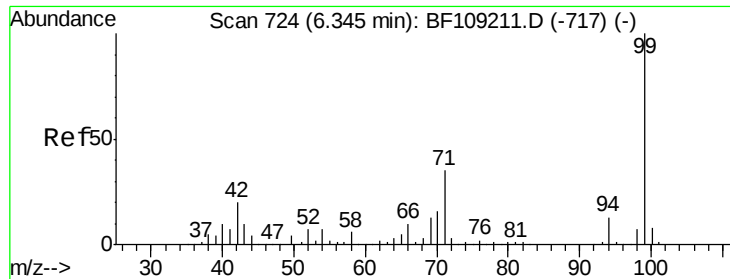
#5
 2-Fluorophenol
 Concen: 32.782 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109273.D
 Acq: 24 Sep 2018 17:45

Tgt Ion:112 Resp: 207606
 Ion Ratio Lower Upper
 112 100
 64 57.7 47.9 71.9
 63 30.2 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: 32.489 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109273.D

Acq: 24 Sep 2018 17:45

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-E

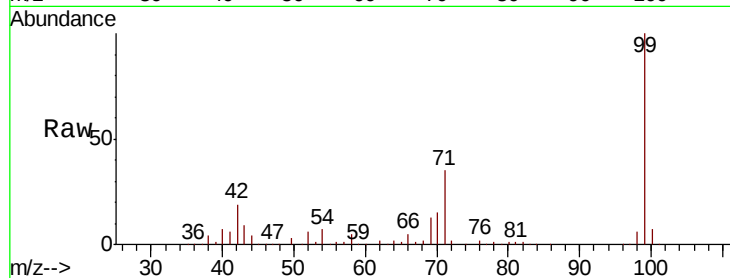
Tgt Ion: 99 Resp: 262542

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

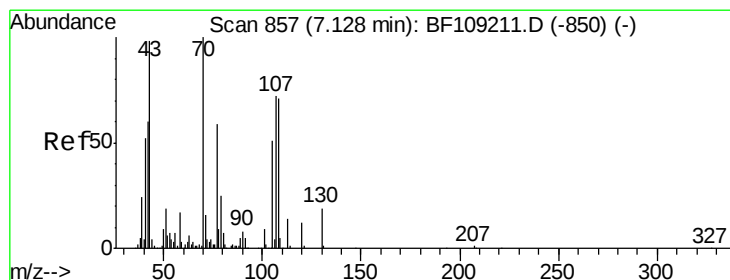
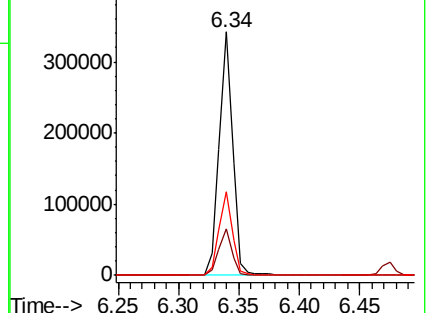
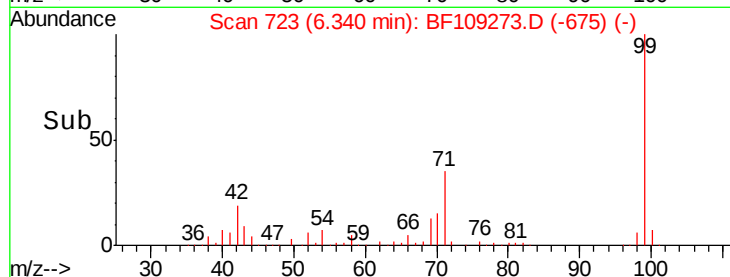
71 34.6 25.4 38.0



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: 4.011 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109273.D

Acq: 24 Sep 2018 17:45

Tgt Ion: 70 Resp: 21238

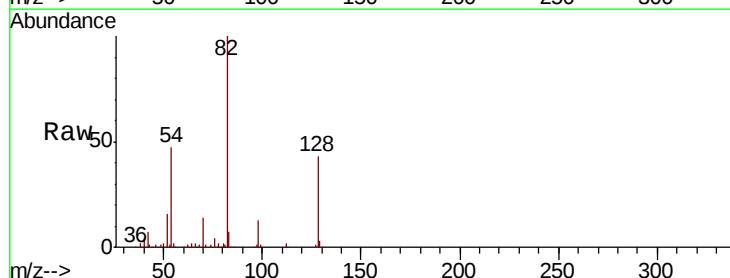
Ion Ratio Lower Upper

70 100

42 49.4 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

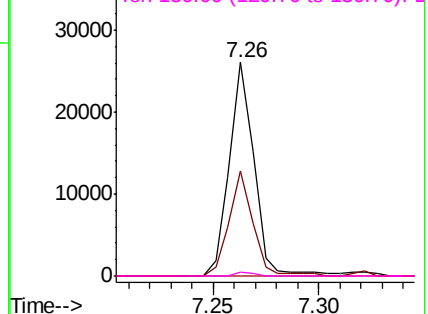
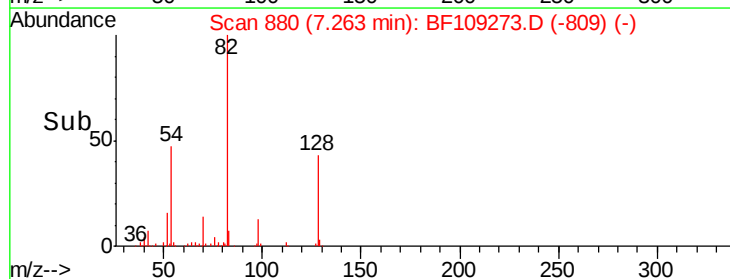


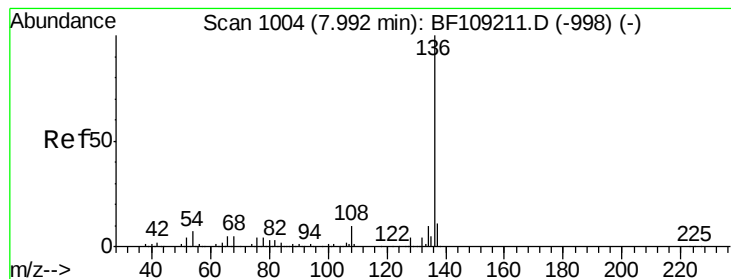
Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1004

Delta R.T. 0.00 min

Lab File: BF109273.D

Acq: 24 Sep 2018 17:45

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-E

Tgt Ion:136 Resp: 395067

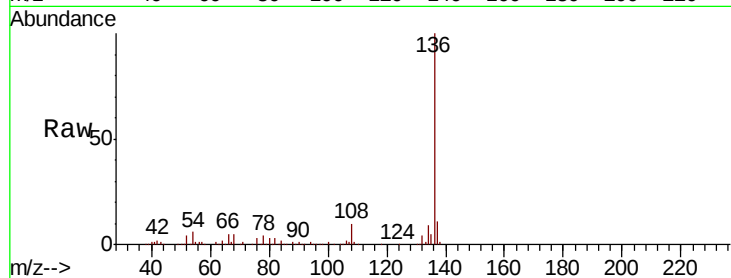
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.4 6.6 9.8#

68 5.3 5.0 7.4

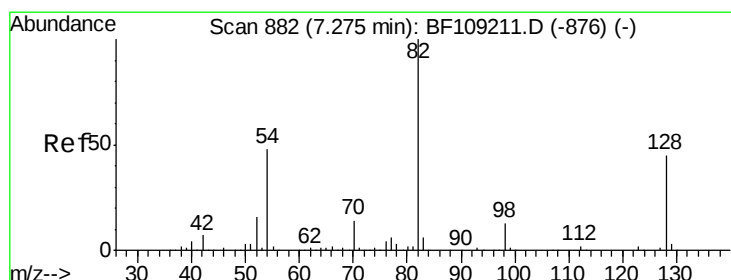
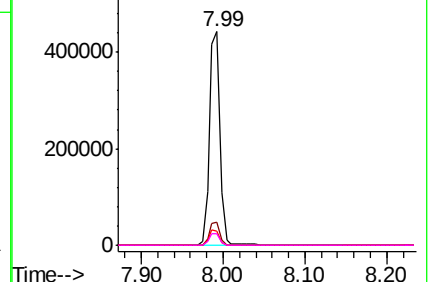
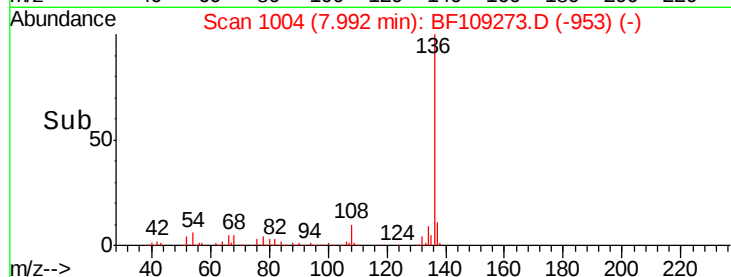


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.666 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109273.D

Acq: 24 Sep 2018 17:45

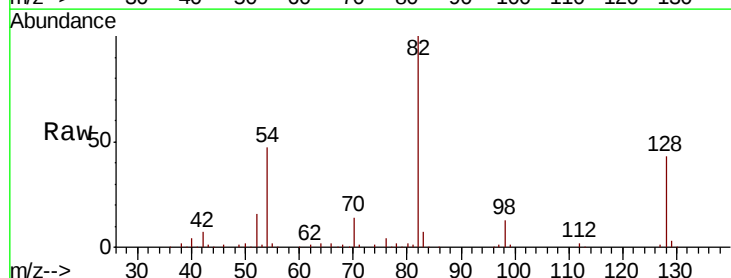
Tgt Ion: 82 Resp: 151693

Ion Ratio Lower Upper

82 100

128 42.5 36.1 54.1

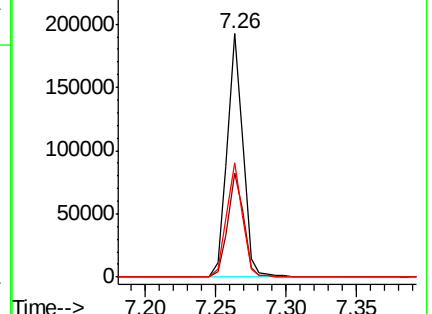
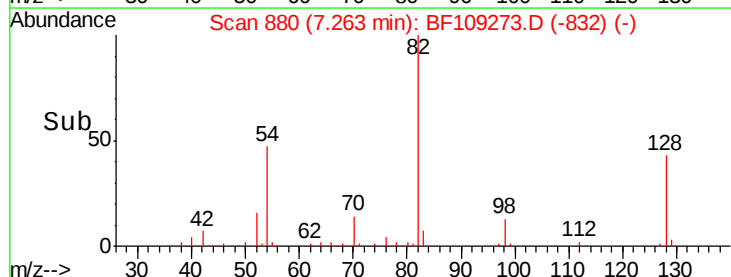
54 46.9 41.4 62.2

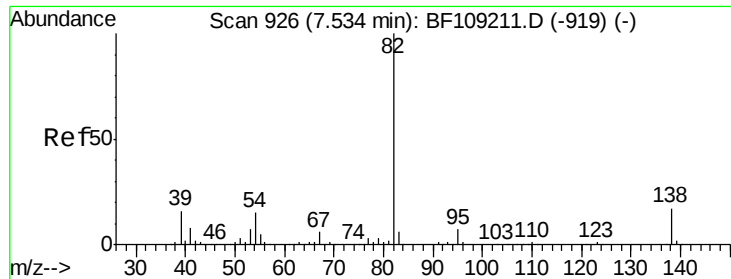


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 9.529 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF109273.D

Acq: 24 Sep 2018 17:45

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ClientSampleId :

JC-02-092118-E

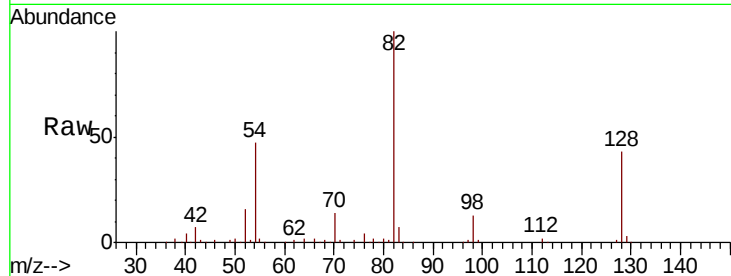
Tgt Ion: 82 Resp: 114842

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

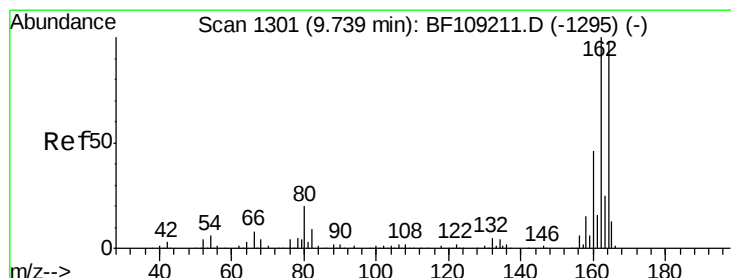
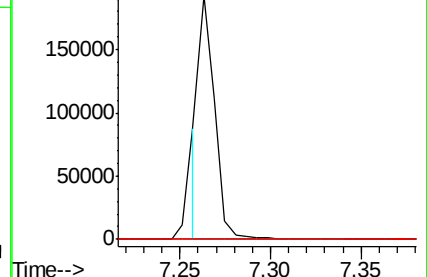
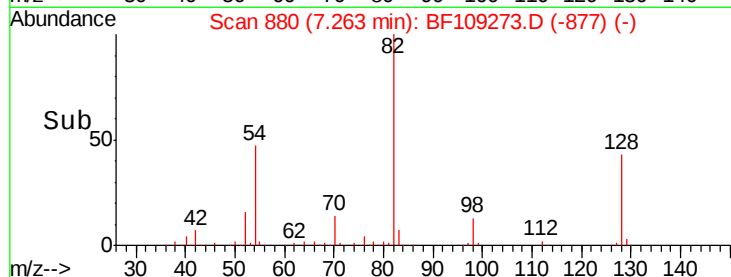
138 0.0 14.9 22.3#



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: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF109273.D

Acq: 24 Sep 2018 17:45

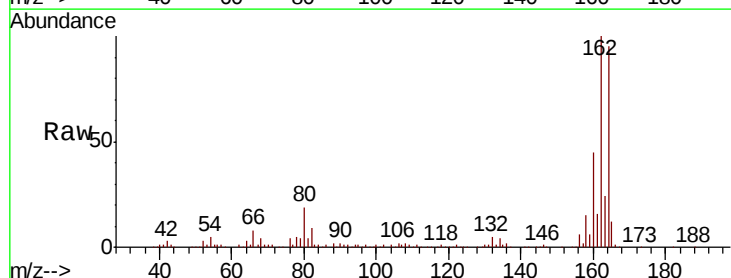
Tgt Ion: 164 Resp: 167201

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

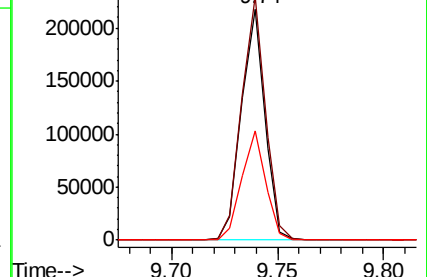
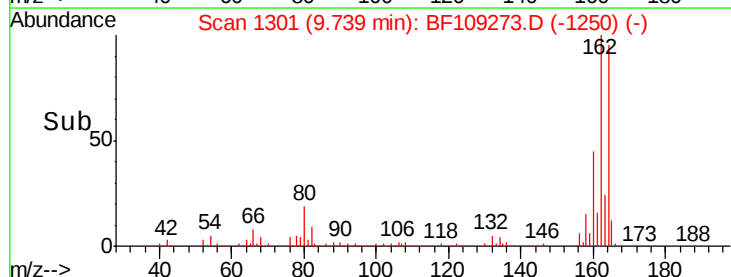
160 47.2 38.3 57.5

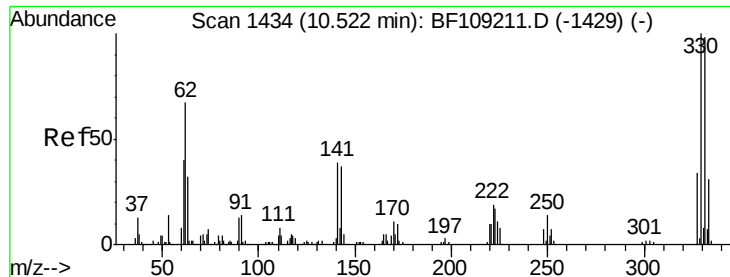


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

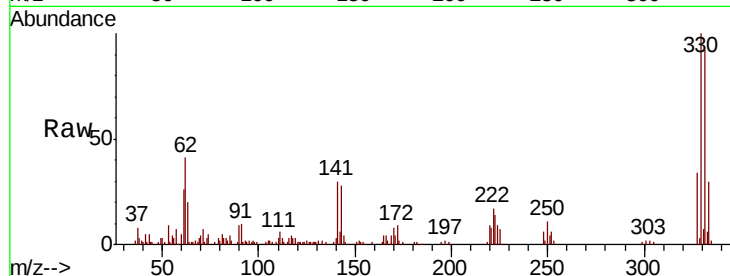




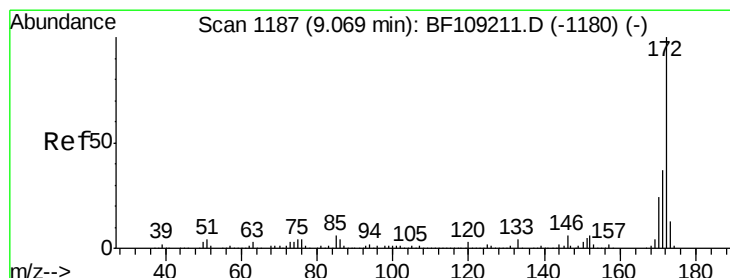
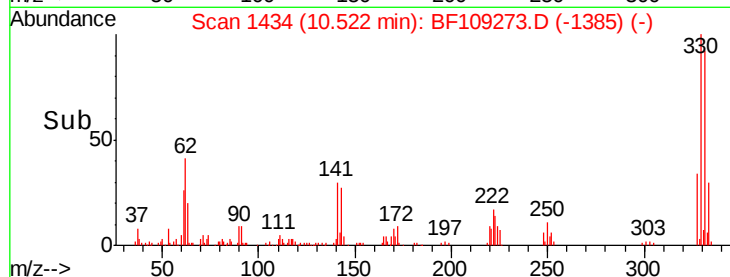
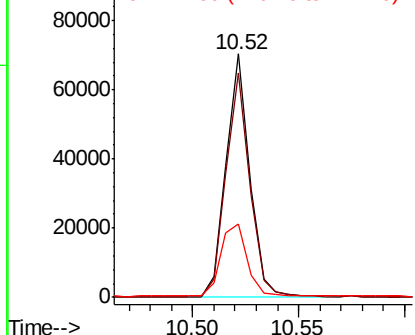
#41
 2,4,6-Tribromophenol
 Concen: 33.083 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109273.D
 Acq: 24 Sep 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-E

Tgt Ion:330 Resp: 54530
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.0 115.6
 141 36.0 29.9 44.9

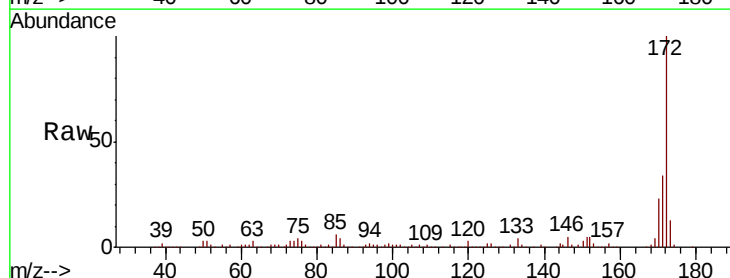


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

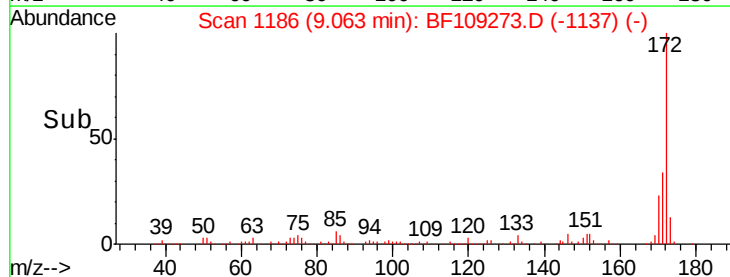
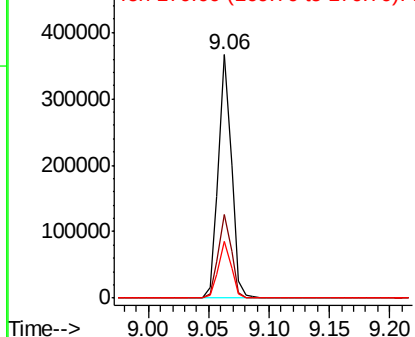


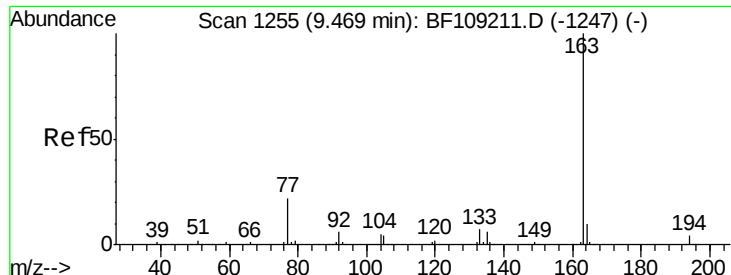
#44
 2-Fluorobiphenyl
 Concen: 24.630 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109273.D
 Acq: 24 Sep 2018 17:45

Tgt Ion:172 Resp: 273049
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.7 44.5
 170 23.1 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

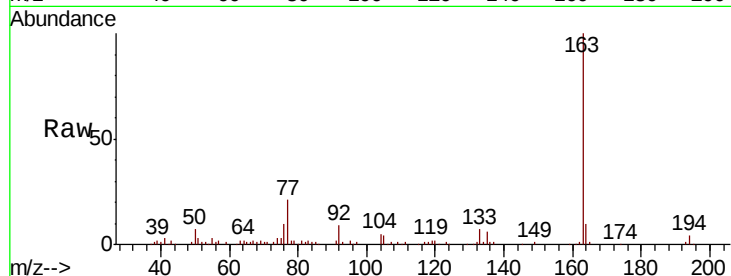




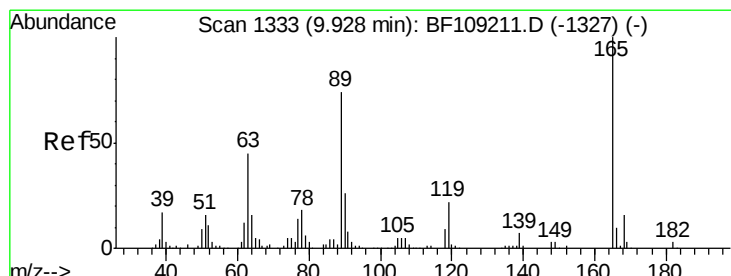
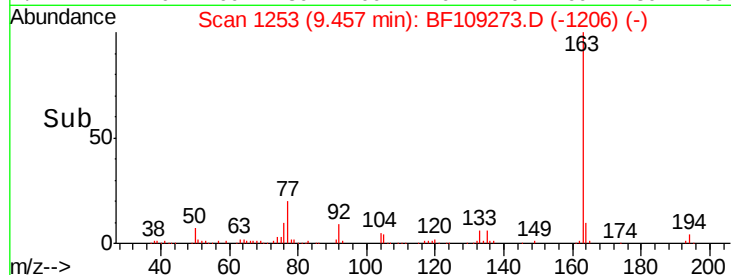
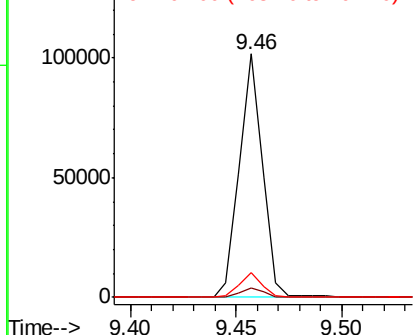
#49
Dimethylphthalate
Concen: 6.339 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109273.D
Acq: 24 Sep 2018 17:45

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-E

Tgt Ion:163 Resp: 77091
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.0 8.2 12.2

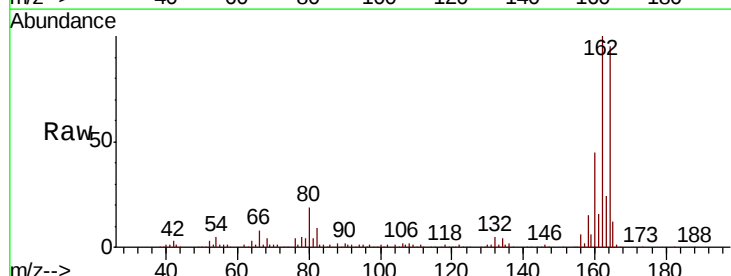


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

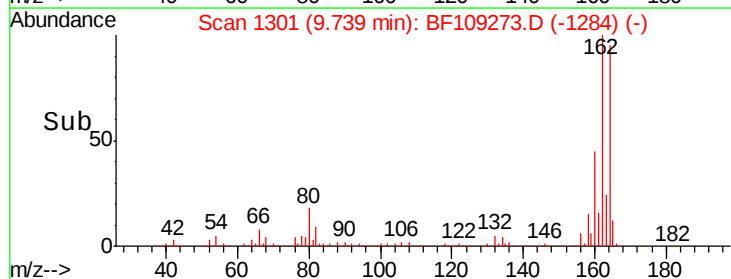
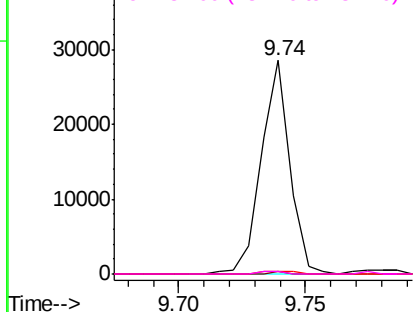


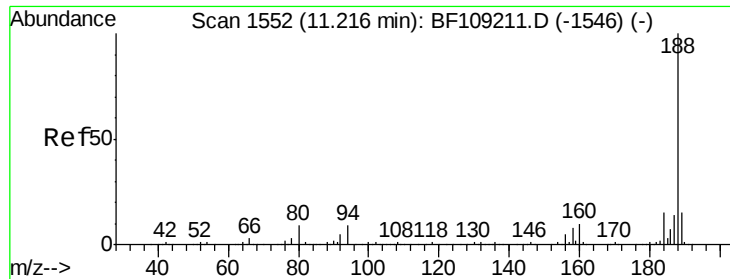
#56
2,4-Dinitrotoluene
Concen: 7.342 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109273.D
Acq: 24 Sep 2018 17:45

Tgt Ion:165 Resp: 22376
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.1 57.8 86.6#
182 1.1 1.6 2.4#



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

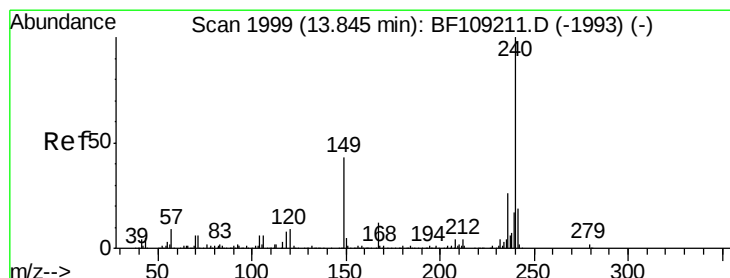
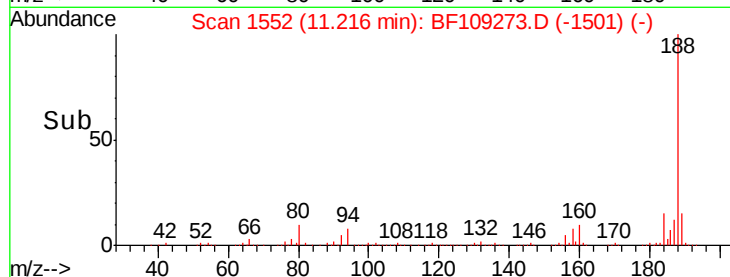
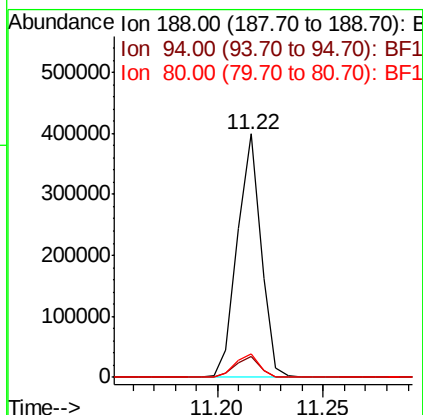
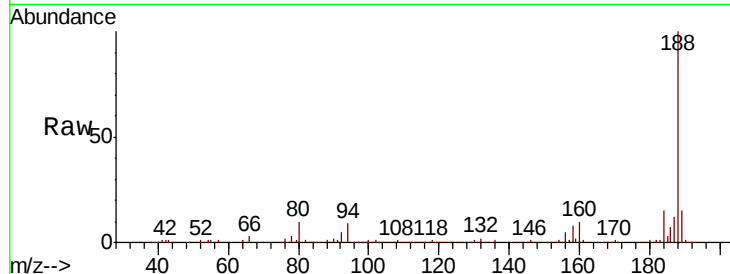




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109273.D
Acq: 24 Sep 2018 17:45

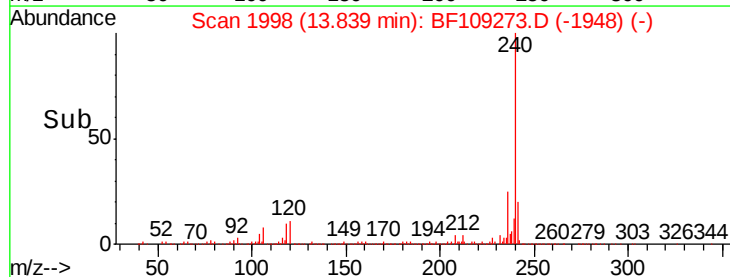
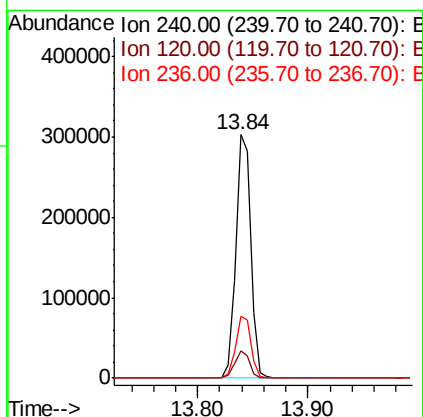
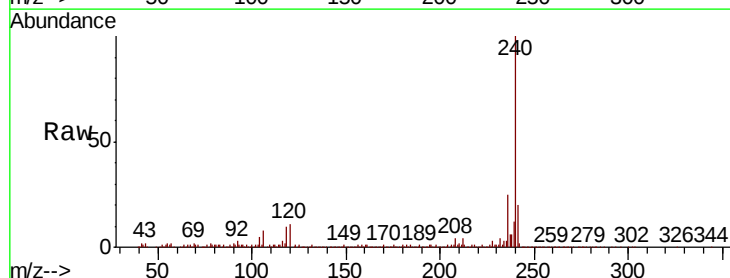
Instrument :
BNA_F
ClientSampleId :
JC-02-092118-E

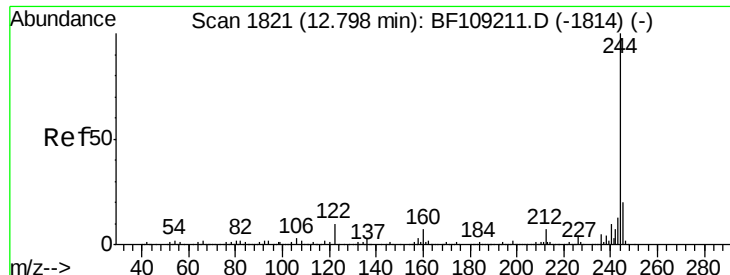
Tgt Ion:188 Resp: 308806
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 9.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109273.D
Acq: 24 Sep 2018 17:45

Tgt Ion:240 Resp: 290920
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 22.241 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109273.D

Acq: 24 Sep 2018 17:45

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-E

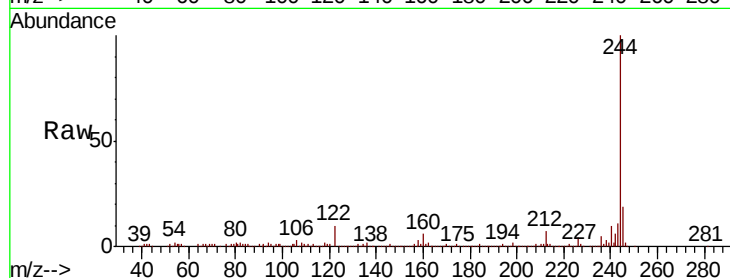
Tgt Ion:244 Resp: 263646

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

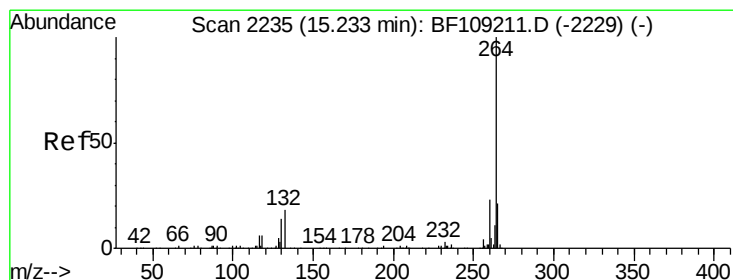
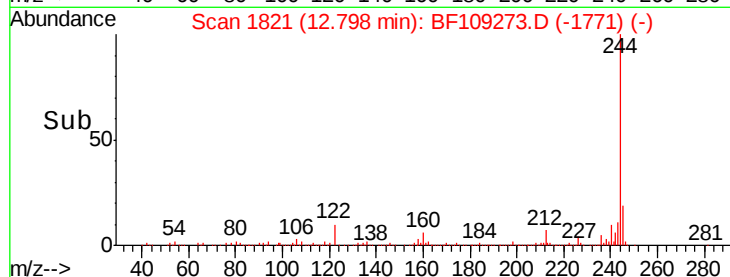
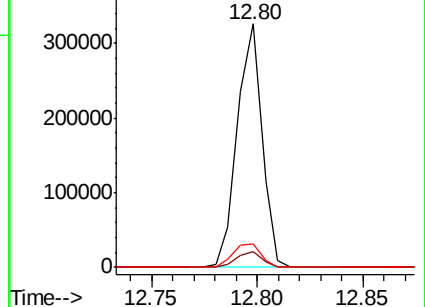
122 9.7 11.0 16.4#



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: BF109273.D

Acq: 24 Sep 2018 17:45

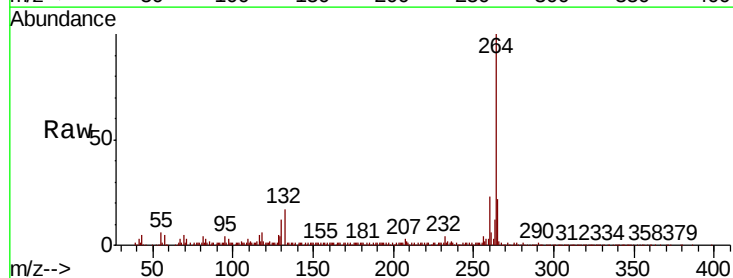
Tgt Ion:264 Resp: 194501

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

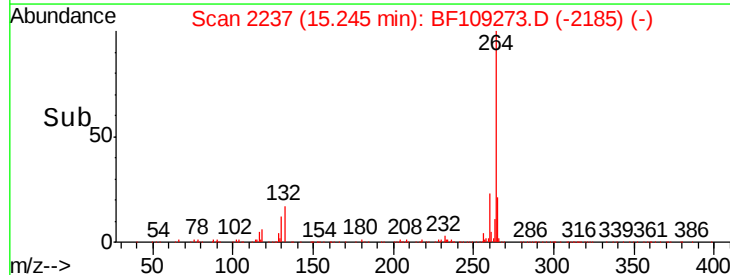
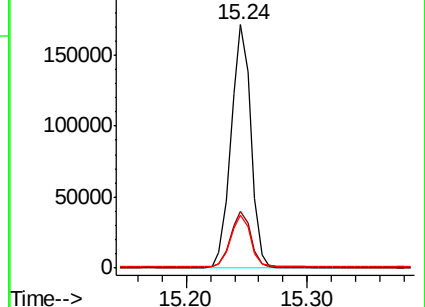
265 22.0 17.5 26.3

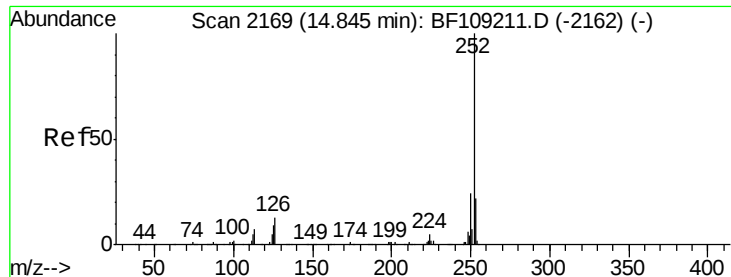


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.278 ng

RT: 14.85 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF109273.D

Acq: 24 Sep 2018 17:45

Instrument :

BNA_F

ClientSampleId :

JC-02-092118-E

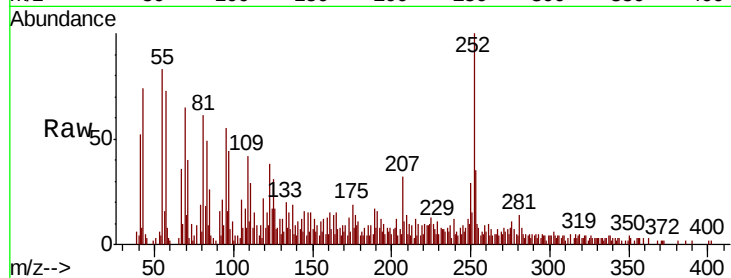
Tgt Ion:252 Resp: 24347

Ion Ratio Lower Upper

252 100

253 34.8 17.0 25.6#

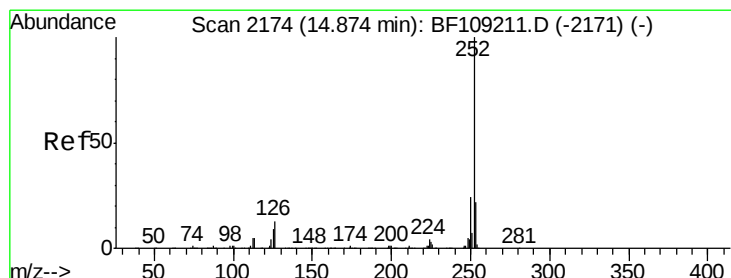
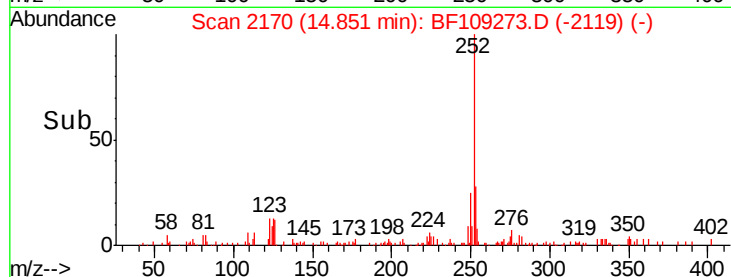
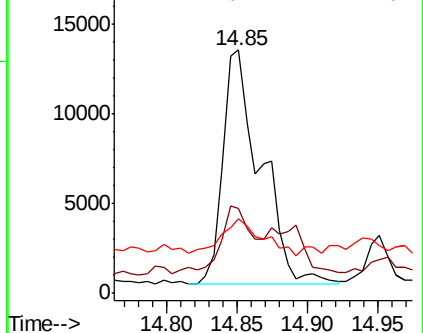
125 30.9 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.403 ng

RT: 14.85 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF109273.D

Acq: 24 Sep 2018 17:45

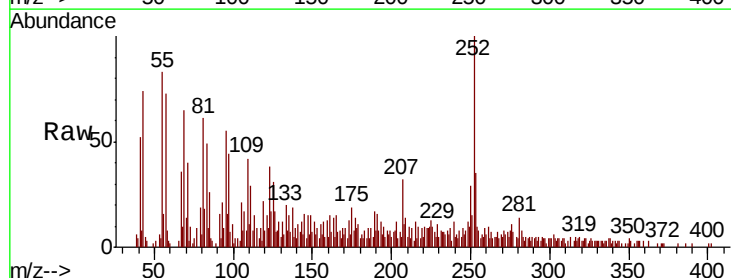
Tgt Ion:252 Resp: 24372

Ion Ratio Lower Upper

252 100

253 34.8 17.9 26.9#

125 30.9 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

