

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
 Data File : BF109398.D
 Acq On : 27 Sep 2018 20:09
 Operator : JU/SJ
 Sample : J5077-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-1

Quant Time: Sep 28 05:14:54 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

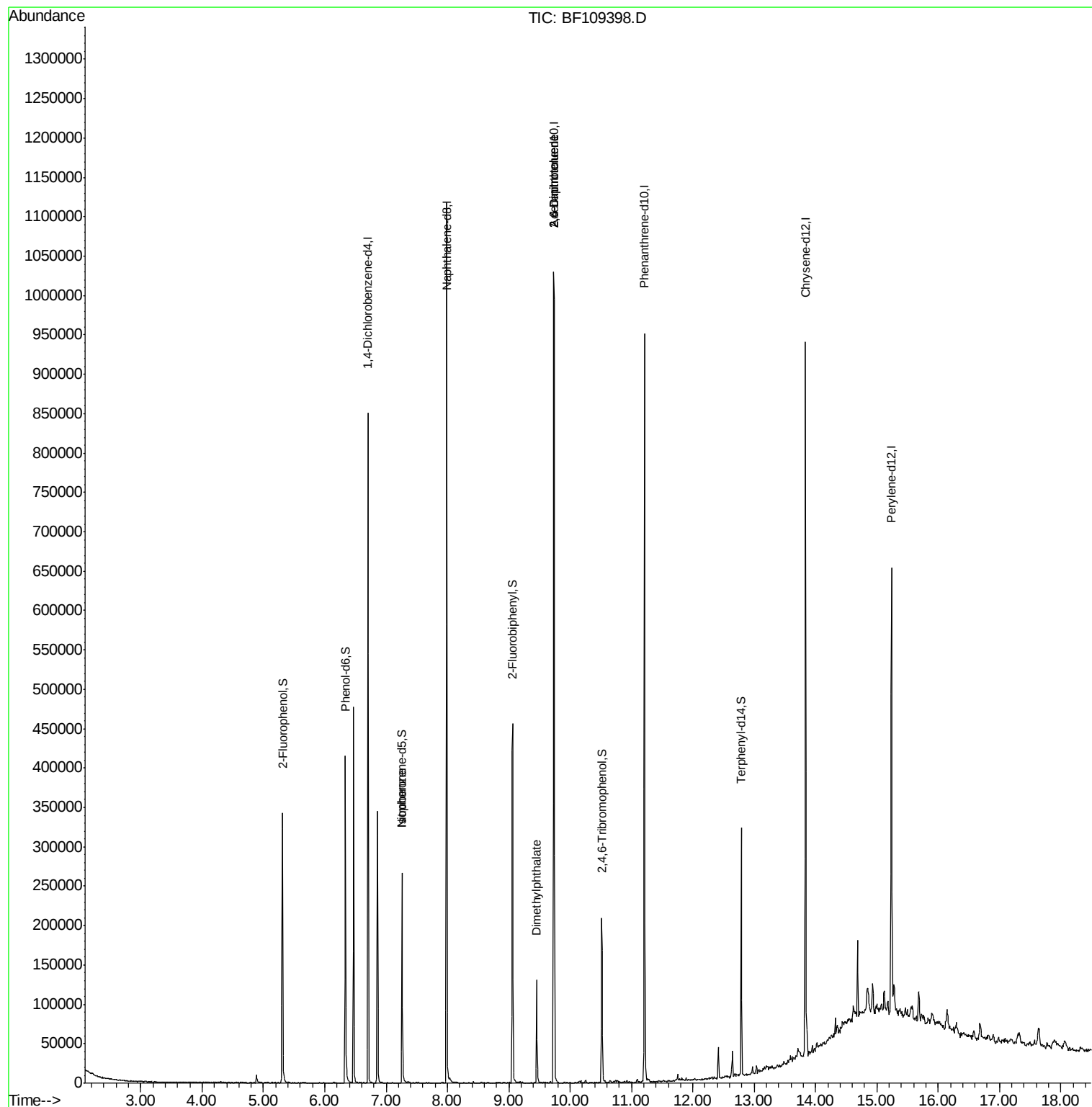
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	116072	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	462237	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	214417	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	352483	20.00	ng	0.00
75) Chrysene-d12	13.84	240	290296	20.00	ng	0.00
86) Perylene-d12	15.24	264	242419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	106023	15.04	ng	0.00
7) Phenol-d6	6.33	99	137985	15.34	ng	-0.02
23) Nitrobenzene-d5	7.26	82	84712	10.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	26937	12.74	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	152647	10.74	ng	-0.01
78) Terphenyl-d14	12.79	244	105246	8.90	ng	-0.01
Target Compounds						
25) Isophorone	7.26	82	79460	5.635	ng	# 64
49) Dimethylphthalate	9.46	163	58324	3.740	ng	100
50) 2,6-Dinitrotoluene	9.73	165	26948	8.725	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	26948	6.895	ng	# 23

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

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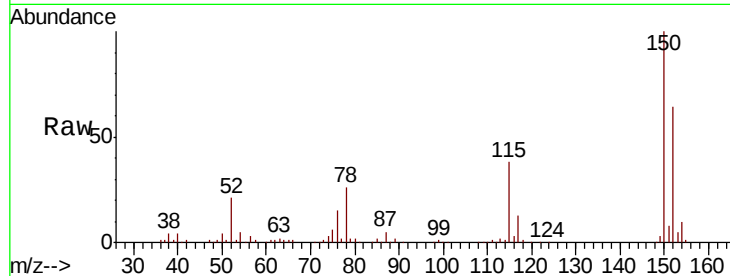


#1

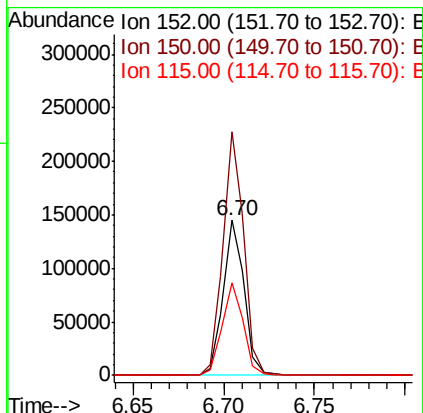
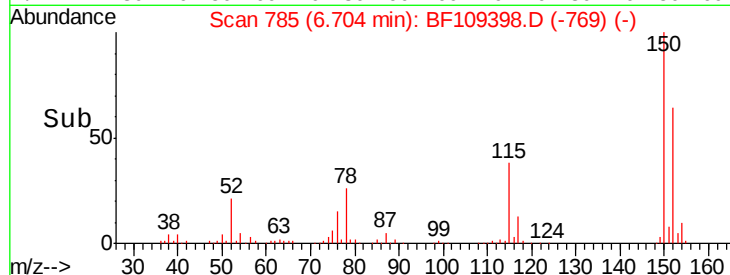
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109398.D
 Acq: 27 Sep 2018 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-1

Tgt Ion:152 Resp: 116072
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.6 186.8
 115 59.6 50.1 75.1



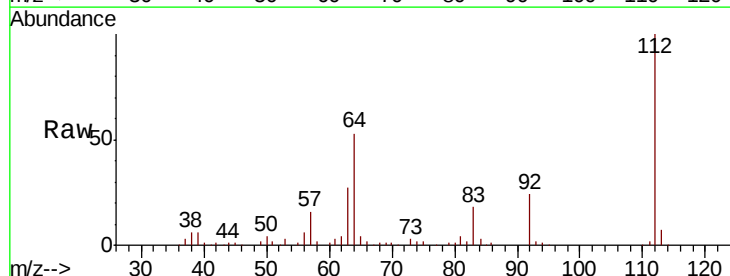
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



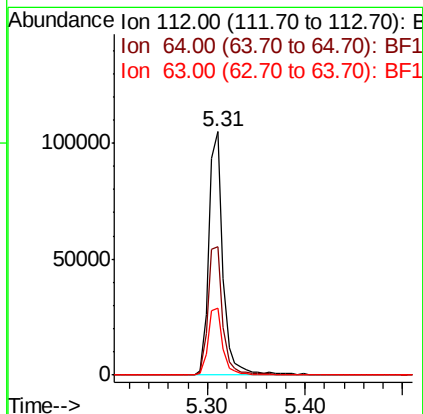
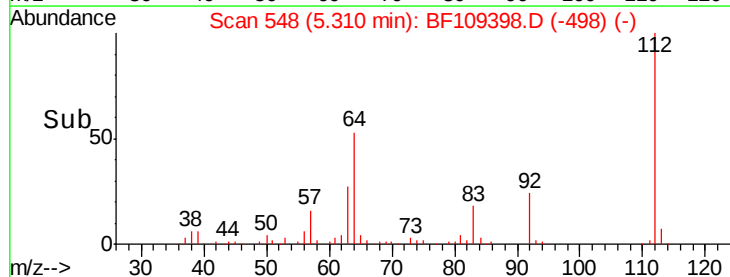
#5

2-Fluorophenol
 Concen: 15.045 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109398.D
 Acq: 27 Sep 2018 20:09

Tgt Ion:112 Resp: 106023
 Ion Ratio Lower Upper
 112 100
 64 52.9 47.9 71.9
 63 27.4 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: 15.345 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF109398.D

Acq: 27 Sep 2018 20:09

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-1

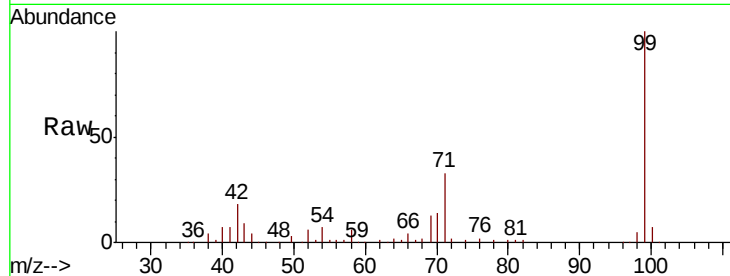
Tgt Ion: 99 Resp: 137985

Ion Ratio Lower Upper

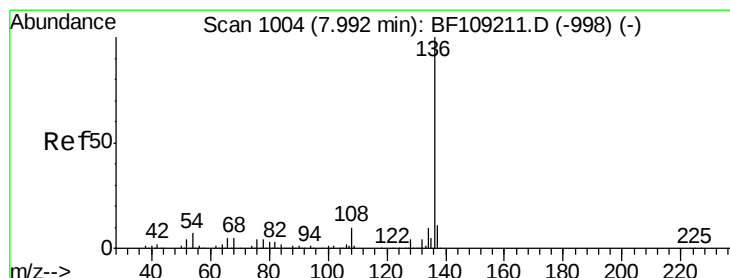
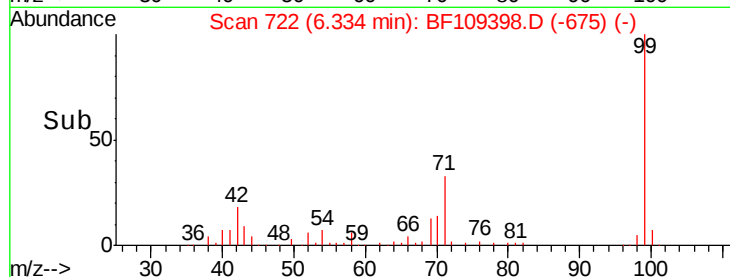
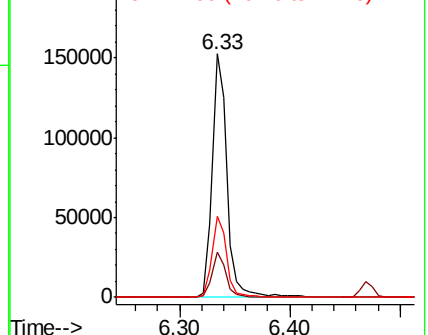
99 100

42 18.4 14.5 21.7

71 33.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109398.D

Acq: 27 Sep 2018 20:09

Tgt Ion: 136 Resp: 462237

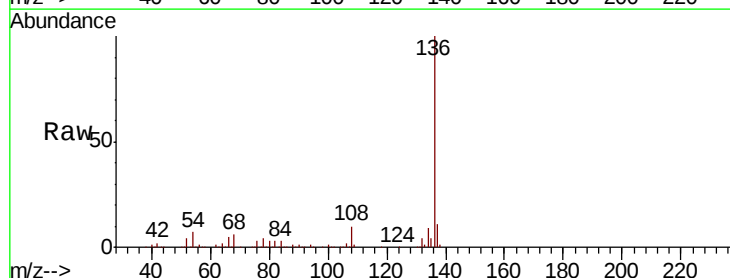
Ion Ratio Lower Upper

136 100

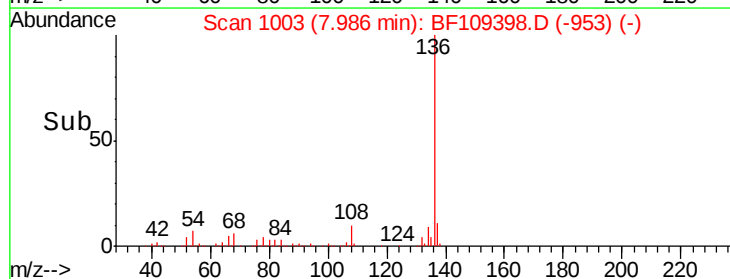
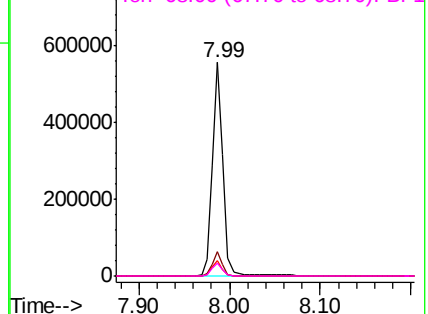
137 11.2 8.9 13.3

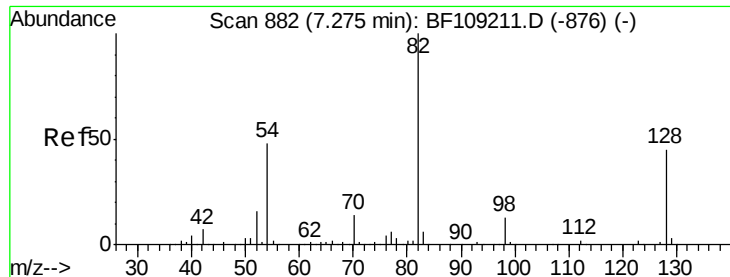
54 7.1 6.6 9.8

68 5.8 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

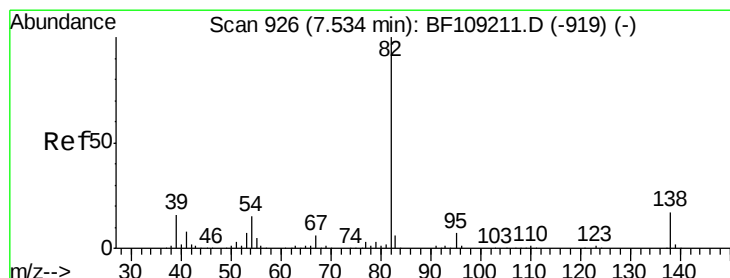
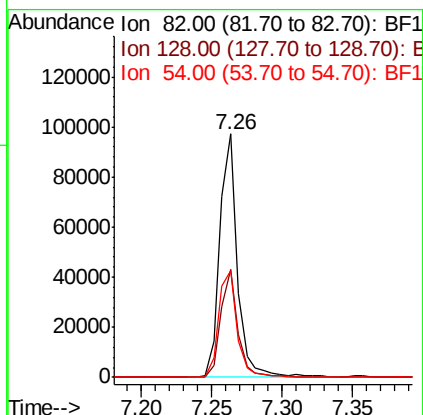
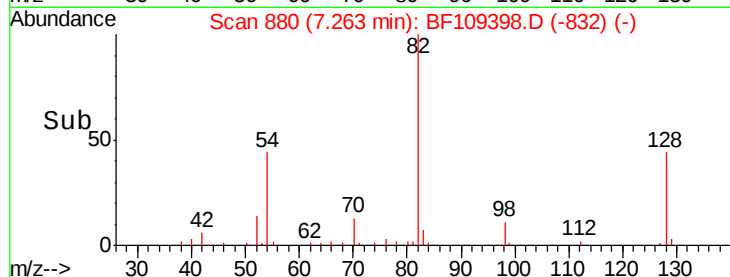
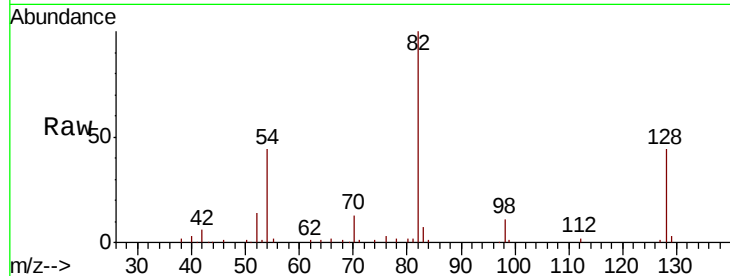




#23
 Nitrobenzene-d5
 Concen: 10.818 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109398.D
 Acq: 27 Sep 2018 20:09

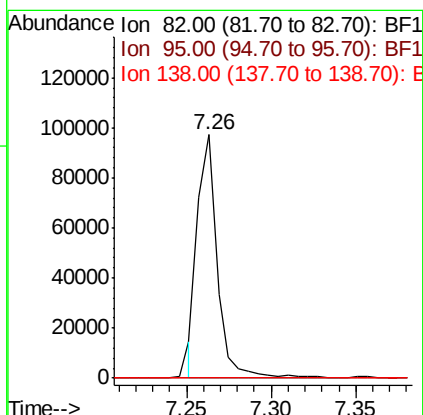
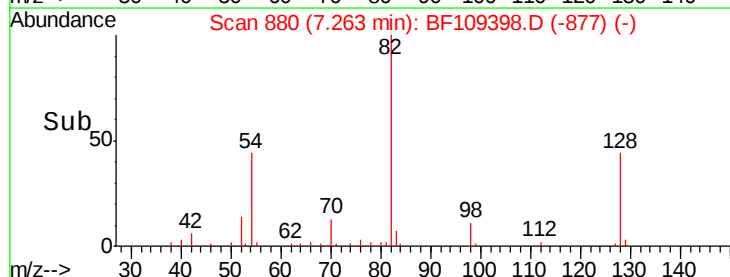
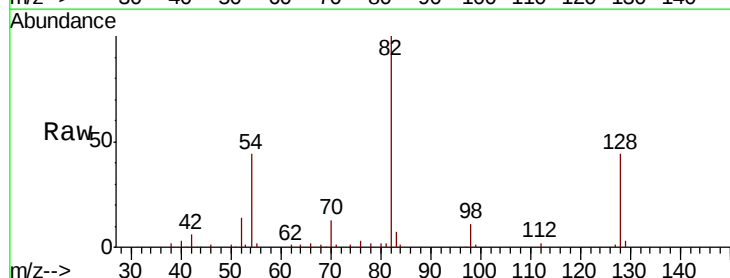
Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-1

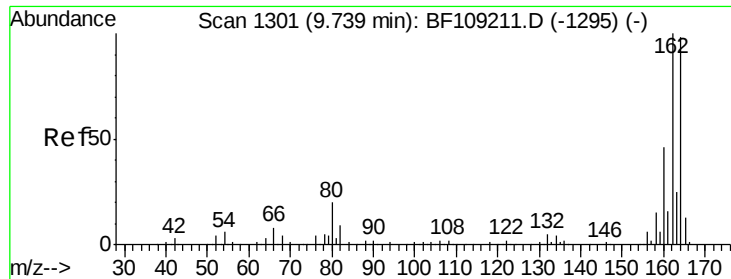
Tgt Ion: 82 Resp: 84712
 Ion Ratio Lower Upper
 82 100
 128 44.1 36.1 54.1
 54 44.0 41.4 62.2



#25
 Isophorone
 Concen: 5.635 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF109398.D
 Acq: 27 Sep 2018 20:09

Tgt Ion: 82 Resp: 79460
 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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109398.D

Acq: 27 Sep 2018 20:09

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-1

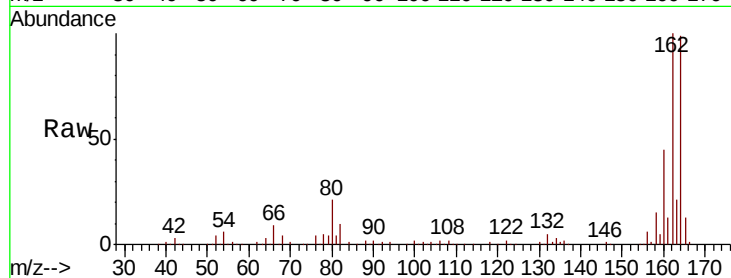
Tgt Ion:164 Resp: 214417

Ion Ratio Lower Upper

164 100

162 100.6 86.1 129.1

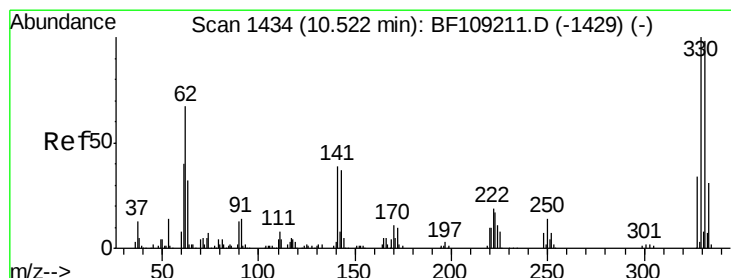
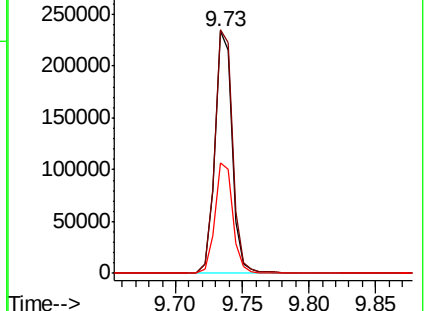
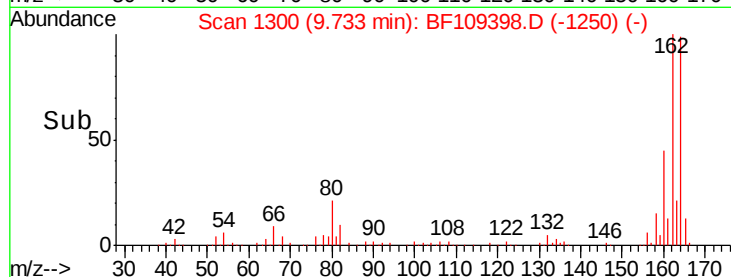
160 45.7 38.3 57.5



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: 12.744 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109398.D

Acq: 27 Sep 2018 20:09

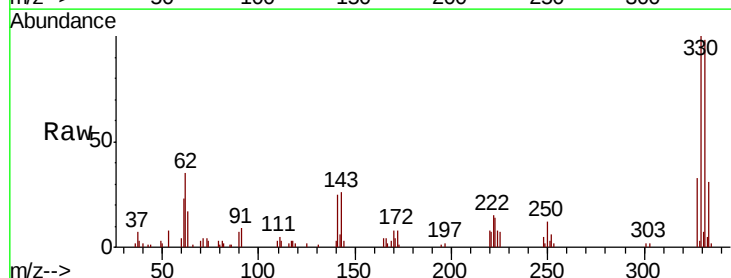
Tgt Ion:330 Resp: 26937

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

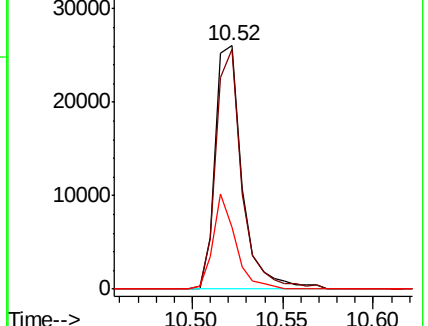
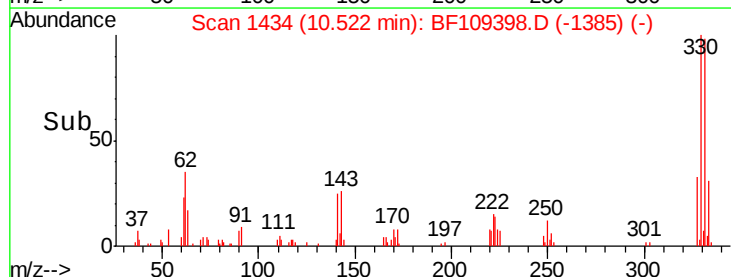
141 32.6 29.9 44.9

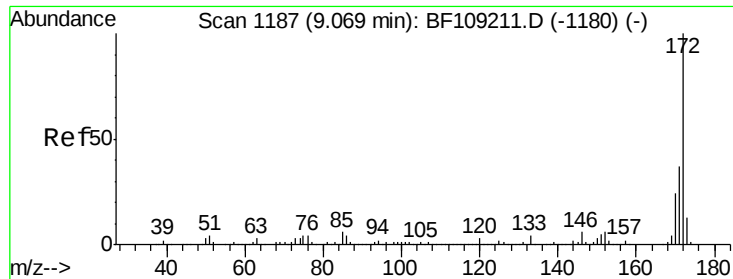


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

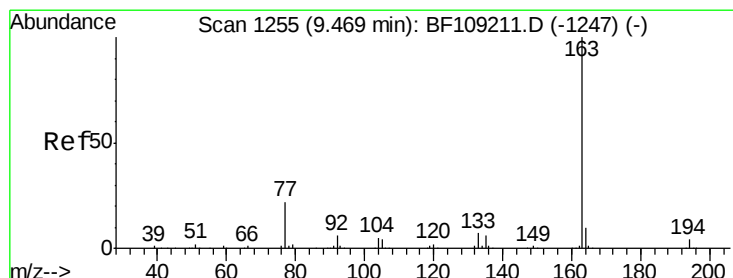
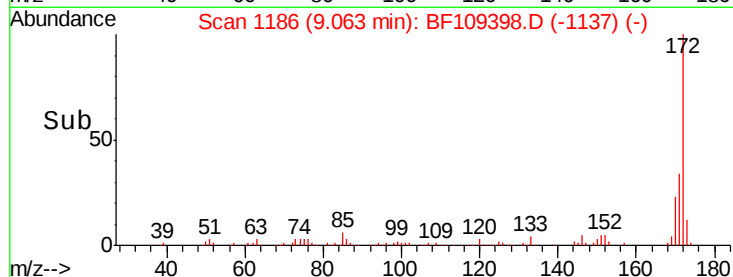
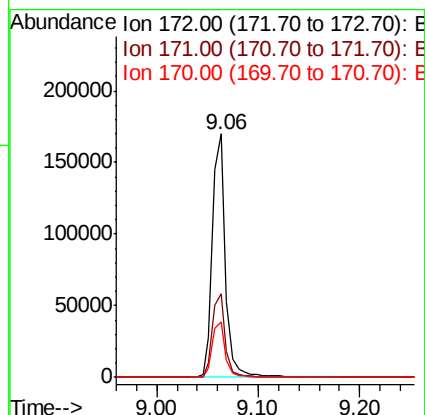
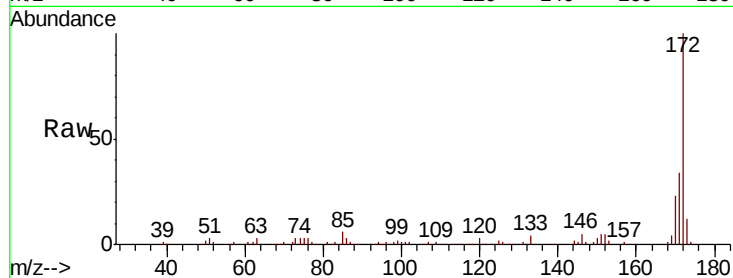




#44
2-Fluorobiphenyl
Concen: 10.737 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109398.D
Acq: 27 Sep 2018 20:09

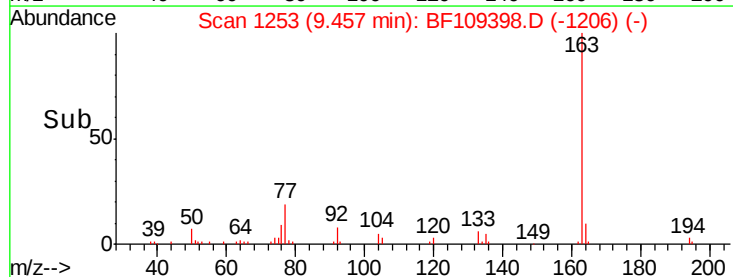
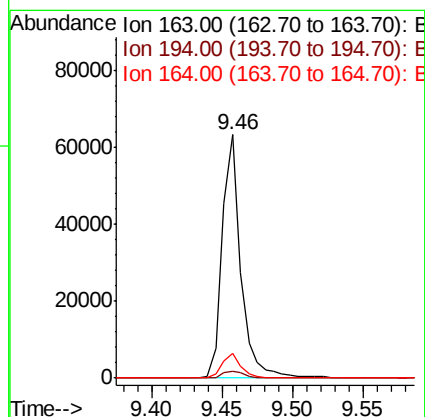
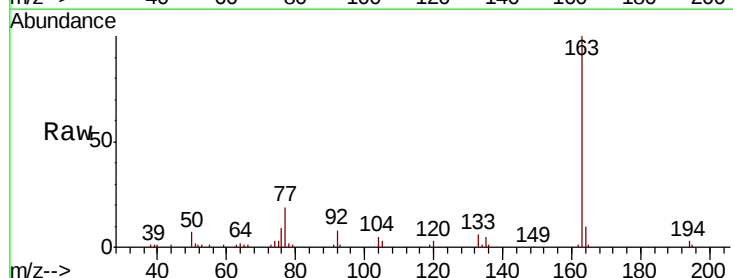
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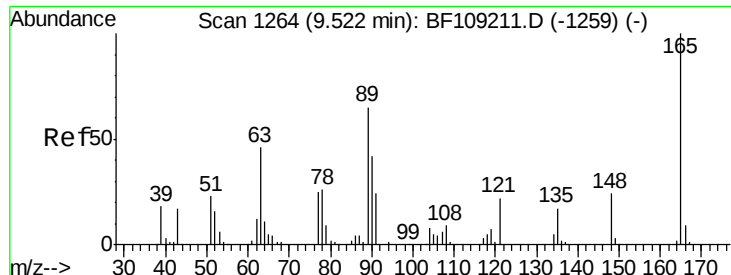
Tgt Ion:172 Resp: 152647
Ion Ratio Lower Upper
172 100
171 34.1 29.7 44.5
170 22.9 19.6 29.4



#49
Dimethylphthalate
Concen: 3.740 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109398.D
Acq: 27 Sep 2018 20:09

Tgt Ion:163 Resp: 58324
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.3 8.2 12.2

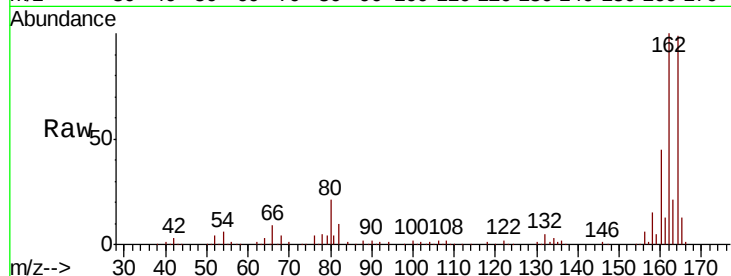




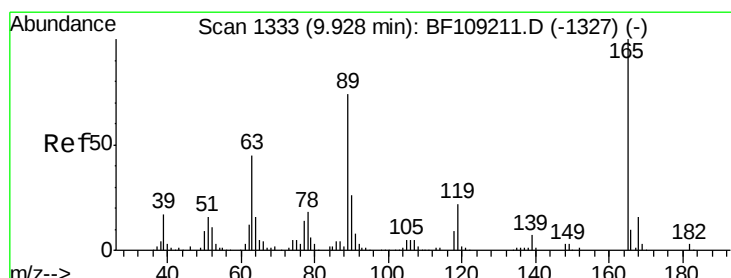
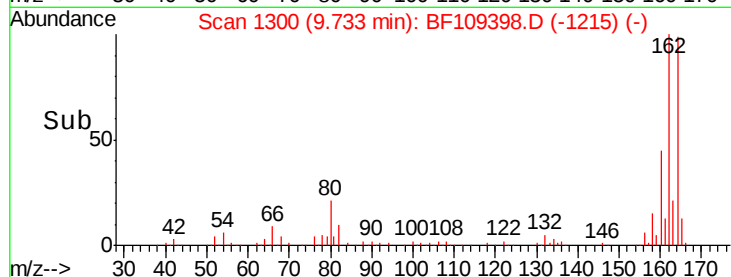
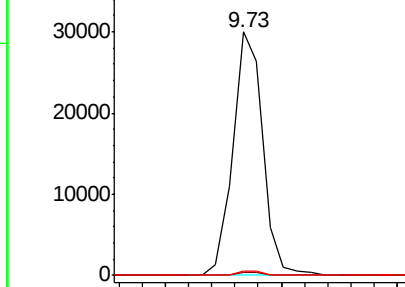
#50
 2,6-Dinitrotoluene
 Concen: 8.725 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109398.D
 Acq: 27 Sep 2018 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-1

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.5	44.0	66.0#

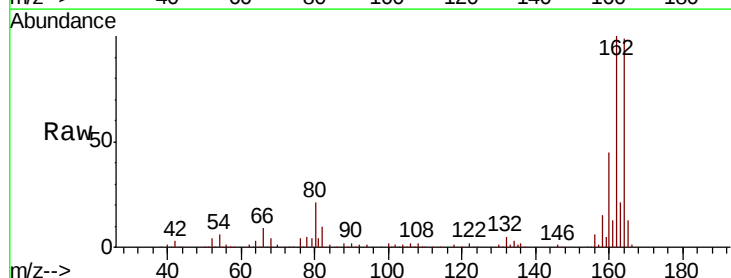


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

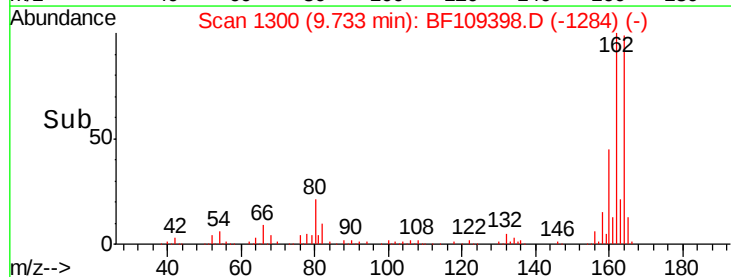
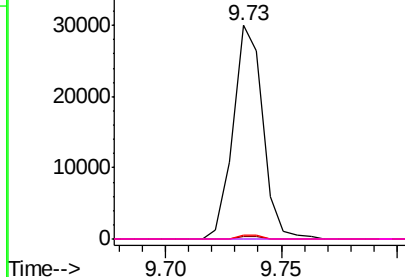


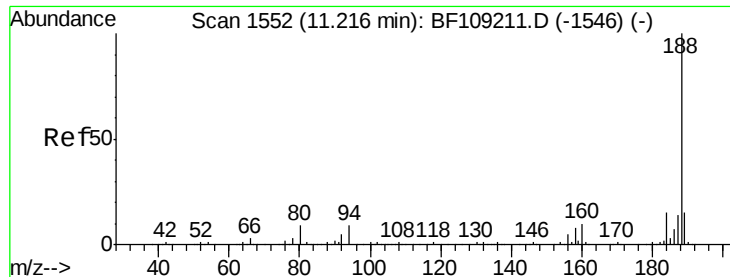
#56
 2,4-Dinitrotoluene
 Concen: 6.895 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109398.D
 Acq: 27 Sep 2018 20:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	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

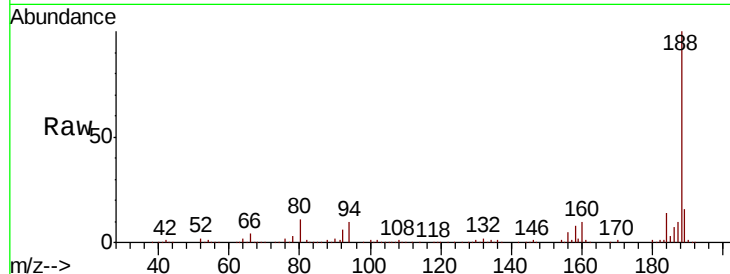




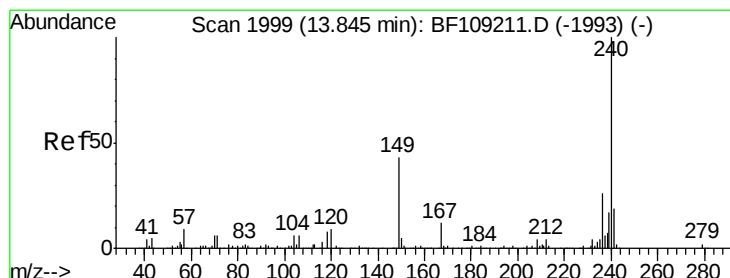
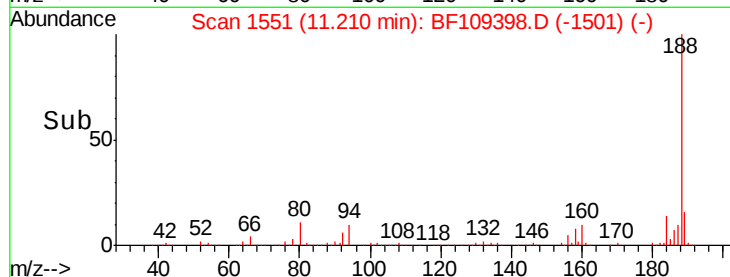
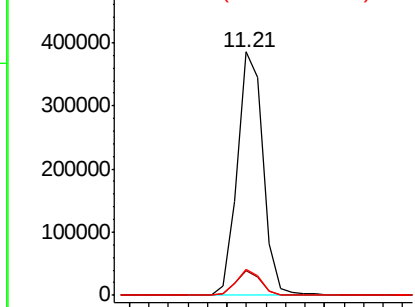
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109398.D
Acq: 27 Sep 2018 20:09

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-1

Tgt Ion:188 Resp: 352483
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.6 9.2 13.8

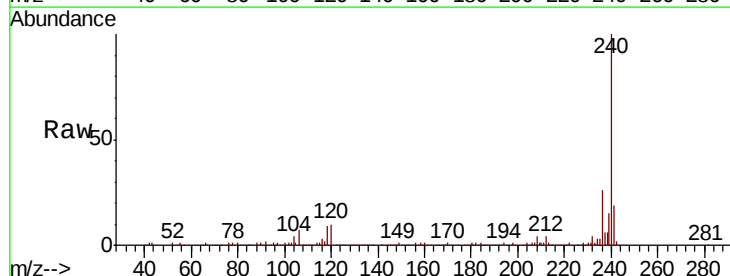


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

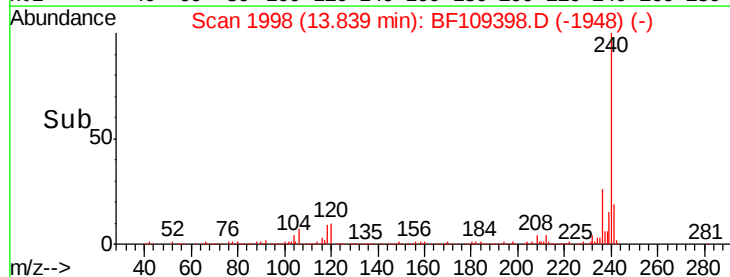
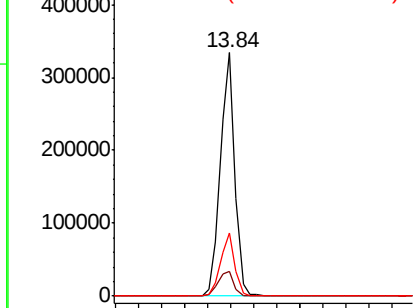


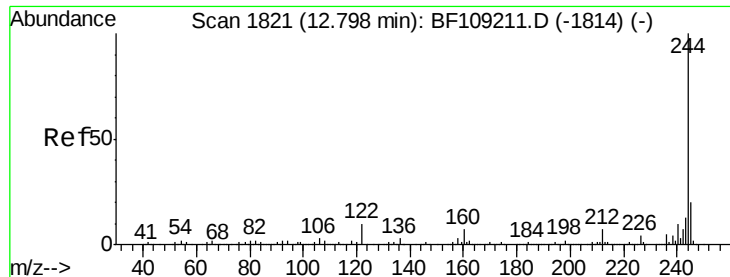
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109398.D
Acq: 27 Sep 2018 20:09

Tgt Ion:240 Resp: 290296
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 26.0 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: 8.898 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109398.D

Acq: 27 Sep 2018 20:09

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-1

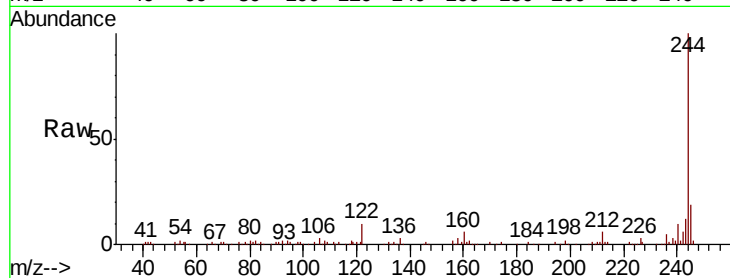
Tgt Ion:244 Resp: 105246

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

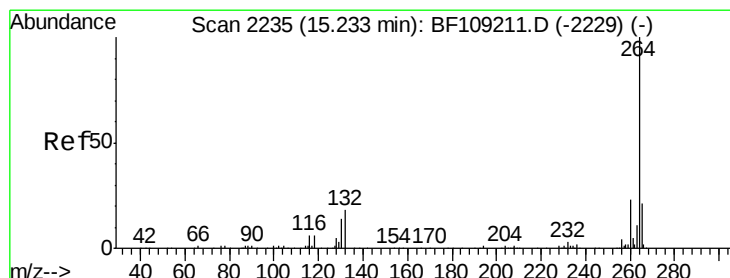
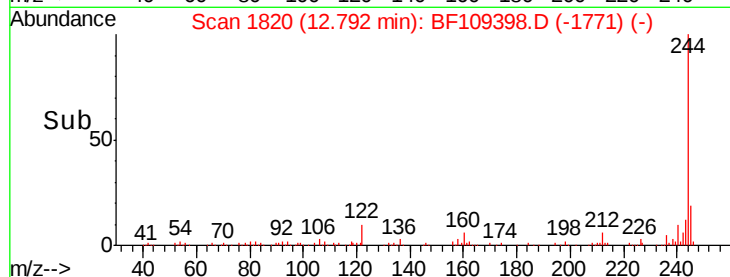
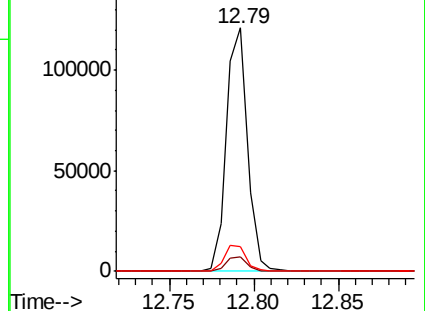
122 10.2 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109398.D

Acq: 27 Sep 2018 20:09

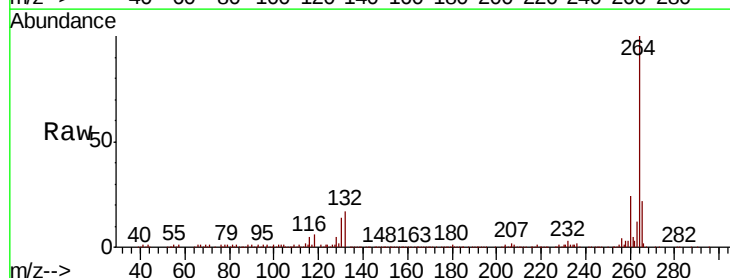
Tgt Ion:264 Resp: 242419

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.1 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

