

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
 Data File : BF109399.D
 Acq On : 27 Sep 2018 20:35
 Operator : JU/SJ
 Sample : J5077-04 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2

Quant Time: Sep 28 05:15:02 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

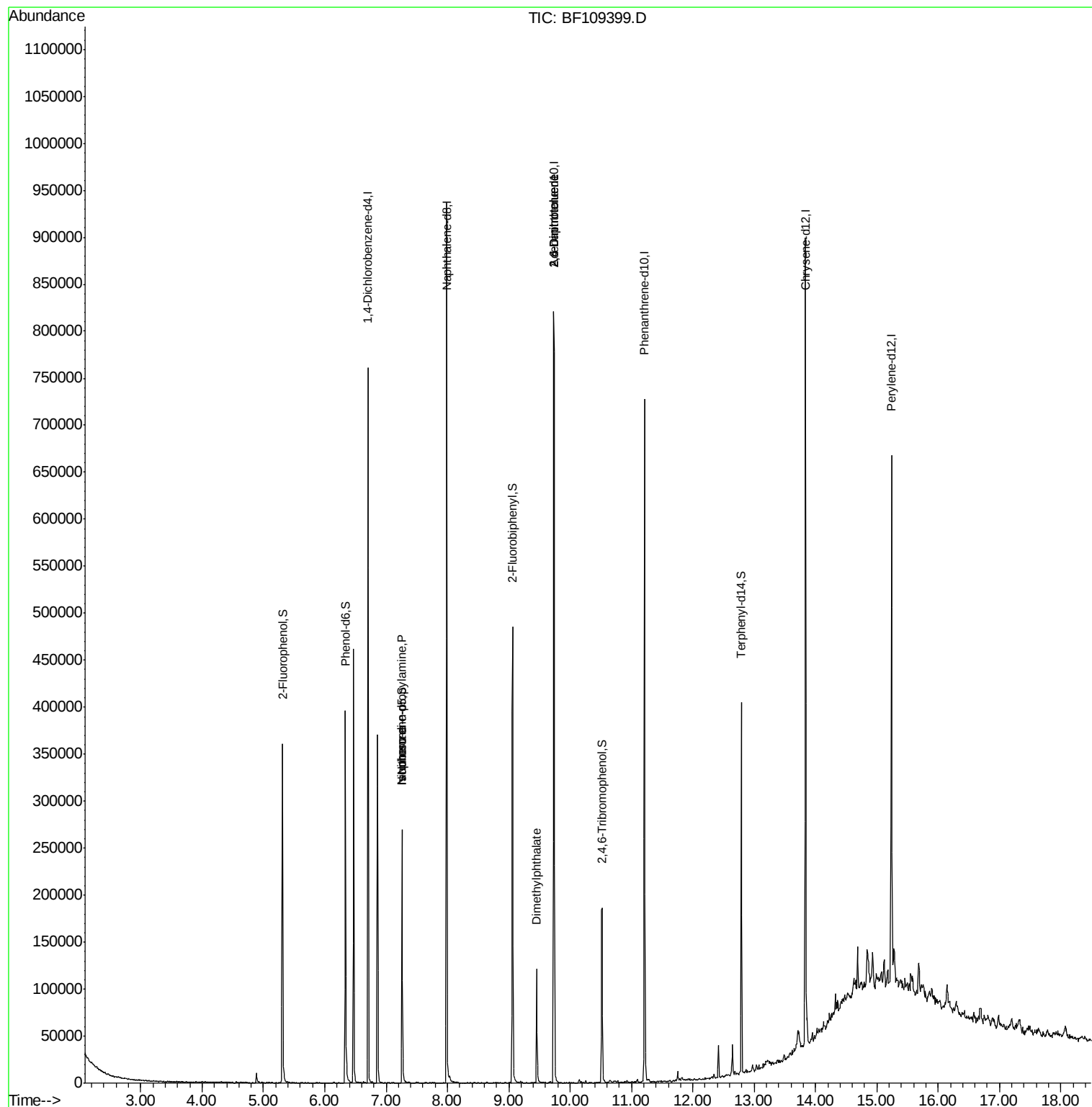
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104162	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	388824	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	168903	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	287273	20.00	ng	0.00
75) Chrysene-d12	13.84	240	271259	20.00	ng	0.00
86) Perylene-d12	15.24	264	238205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	110264	17.44	ng	0.00
7) Phenol-d6	6.33	99	141304	17.51	ng	-0.02
23) Nitrobenzene-d5	7.26	82	86543	13.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	25613	15.38	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	154040	13.75	ng	-0.01
78) Terphenyl-d14	12.79	244	122982	11.13	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	10799	2.042	ng	# 75
25) Isophorone	7.26	82	81639	6.883	ng	# 64
49) Dimethylphthalate	9.46	163	54350	4.424	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	21515	8.843	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	21515	6.989	ng	# 22

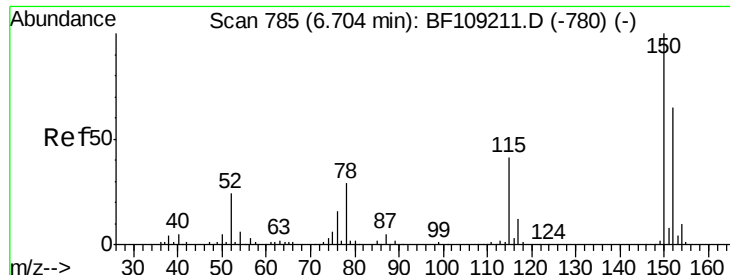
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
Data File : BF109399.D
Acq On : 27 Sep 2018 20:35
Operator : JU/SJ
Sample : J5077-04 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2

Quant Time: Sep 28 05:15:02 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



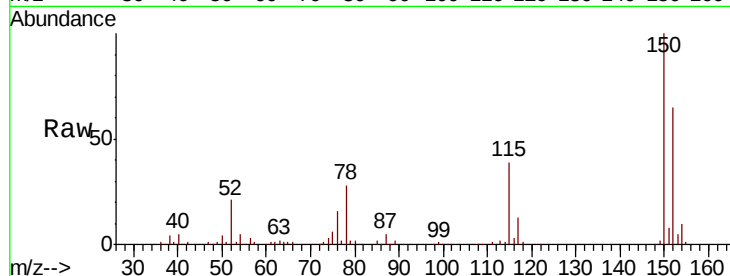


#1

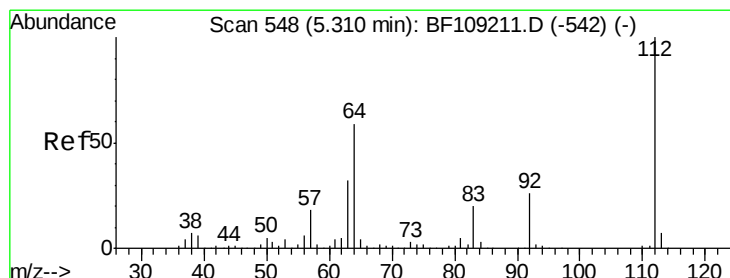
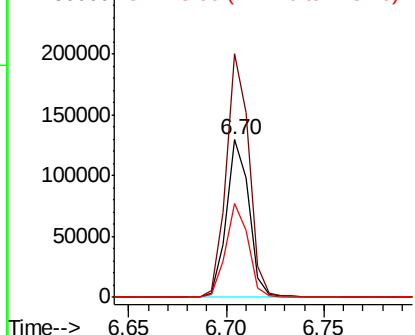
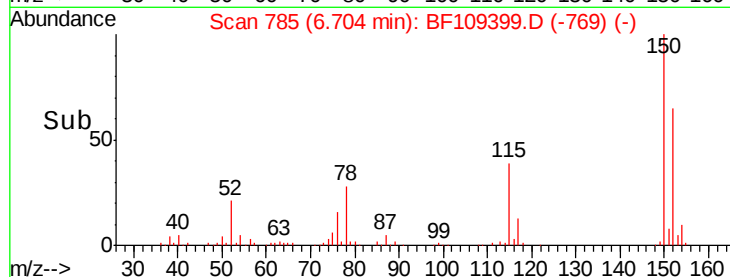
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109399.D
Acq: 27 Sep 2018 20:35

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2

Tgt Ion:152 Resp: 104162
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 59.8 50.1 75.1



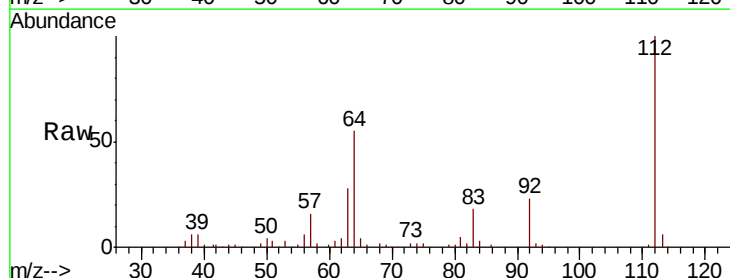
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



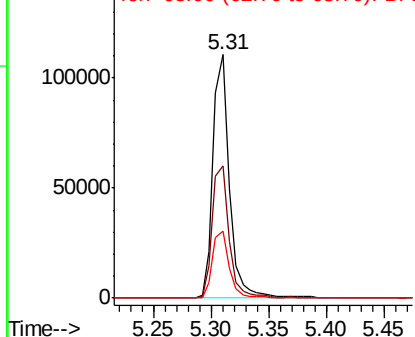
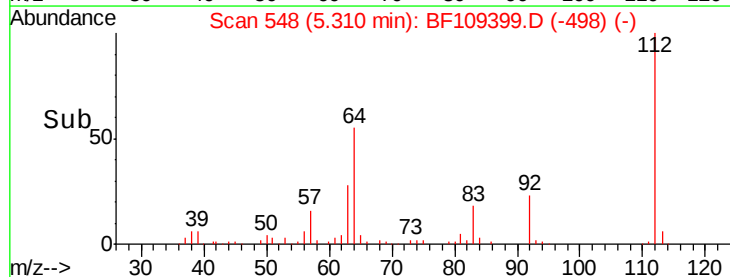
#5

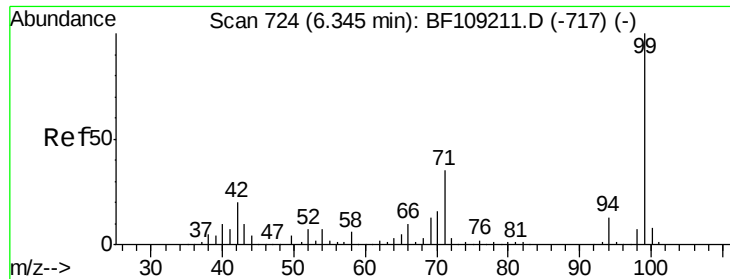
2-Fluorophenol
Concen: 17.436 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109399.D
Acq: 27 Sep 2018 20:35

Tgt Ion:112 Resp: 110264
Ion Ratio Lower Upper
112 100
64 54.5 47.9 71.9
63 27.6 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: 17.510 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF109399.D

Acq: 27 Sep 2018 20:35

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2

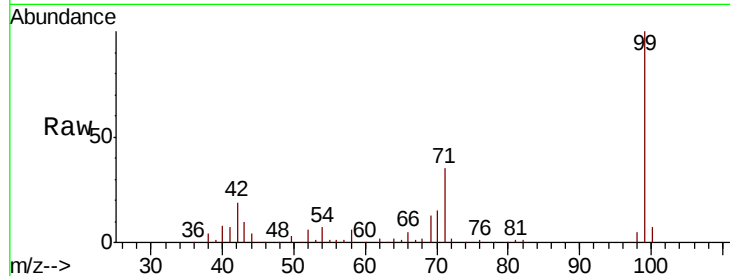
Tgt Ion: 99 Resp: 141304

Ion Ratio Lower Upper

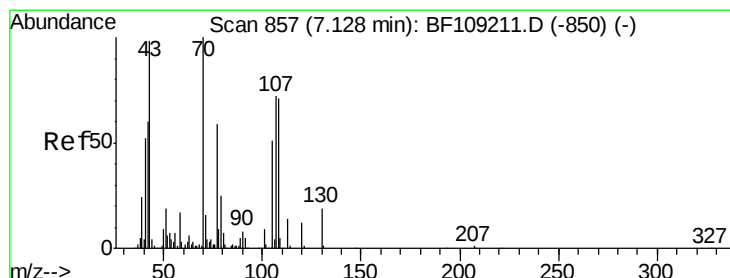
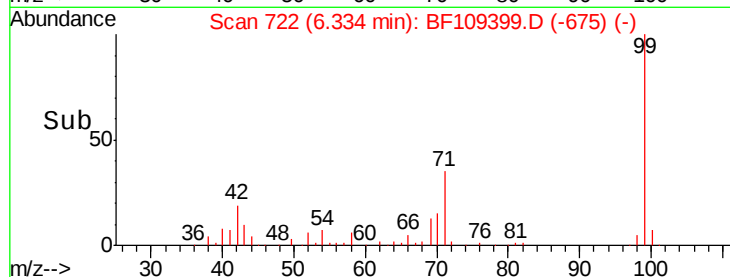
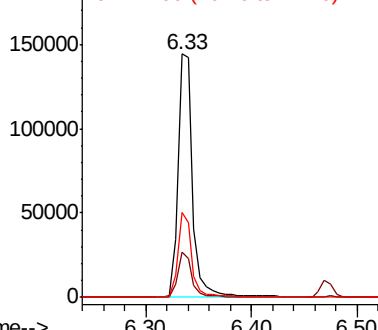
99 100

42 18.7 14.5 21.7

71 34.9 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: 2.042 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109399.D

Acq: 27 Sep 2018 20:35

Tgt Ion: 70 Resp: 10799

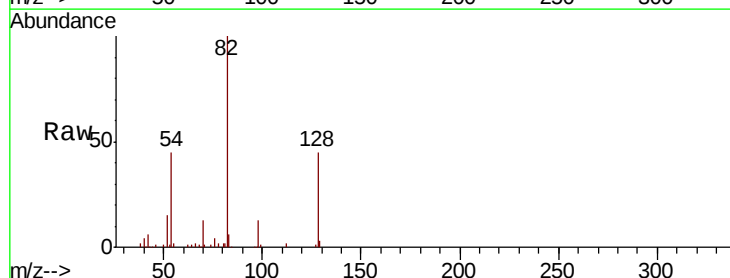
Ion Ratio Lower Upper

70 100

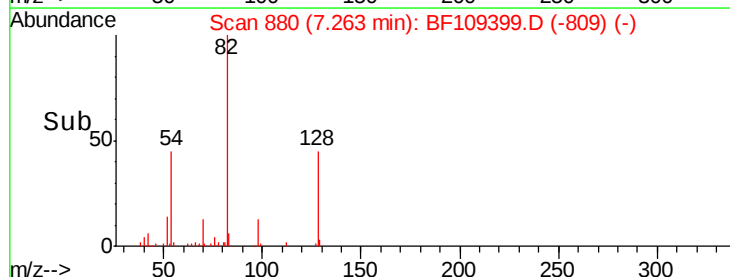
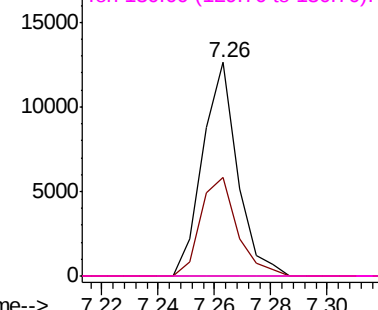
42 46.3 47.5 71.3#

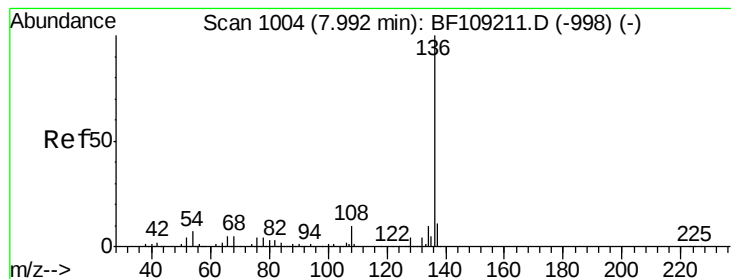
101 0.0 7.4 11.2#

130 0.0 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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109399.D

Acq: 27 Sep 2018 20:35

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2

Tgt Ion: 136 Resp: 388824

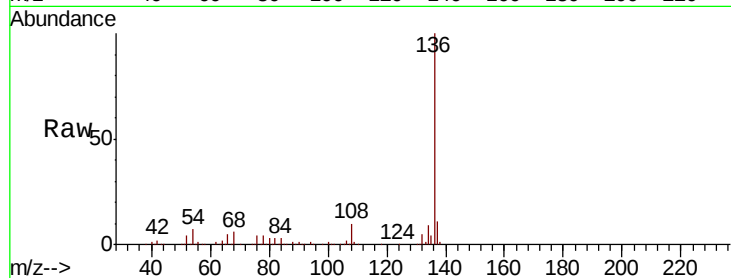
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.2 6.6 9.8

68 5.5 5.0 7.4

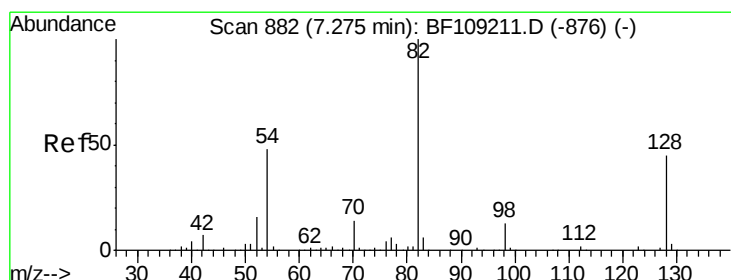
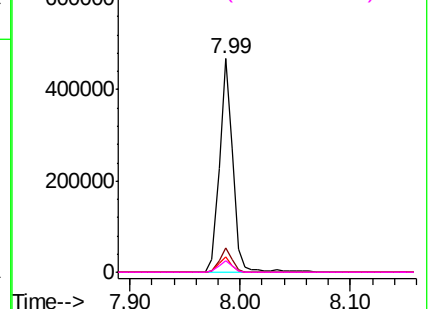
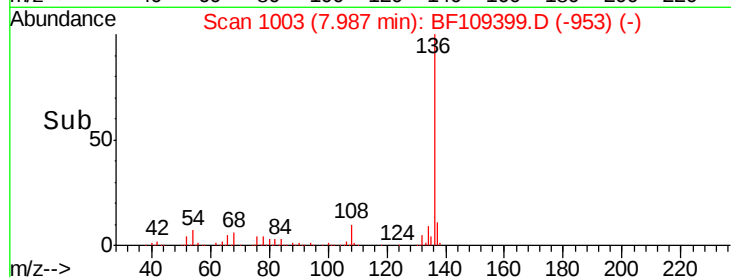


Abundance Ion 136.00 (135.70 to 136.70): E

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: 13.139 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109399.D

Acq: 27 Sep 2018 20:35

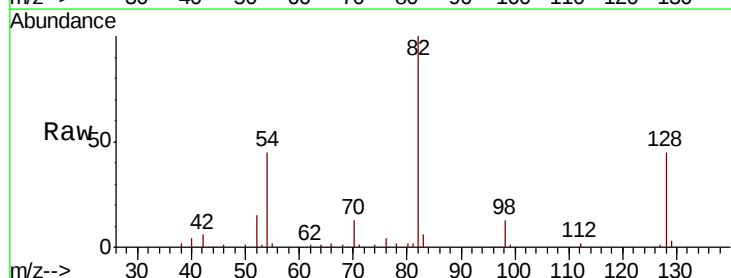
Tgt Ion: 82 Resp: 86543

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

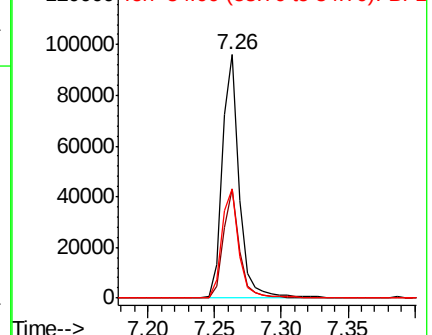
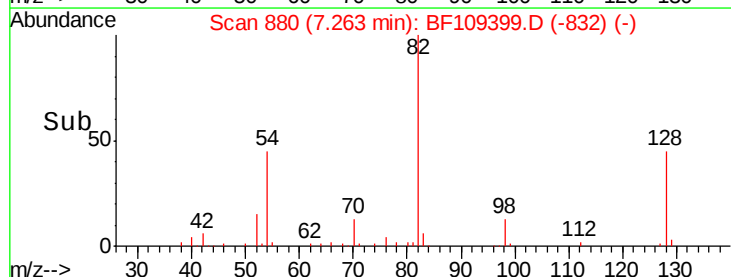
54 44.8 41.4 62.2

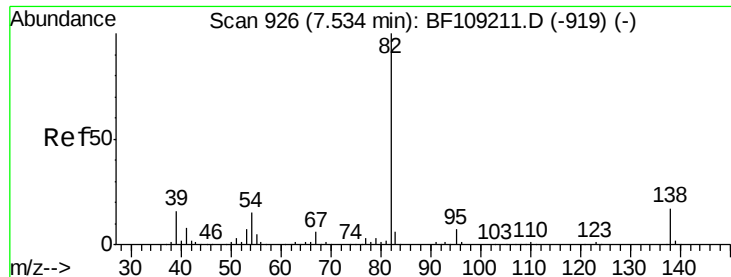


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

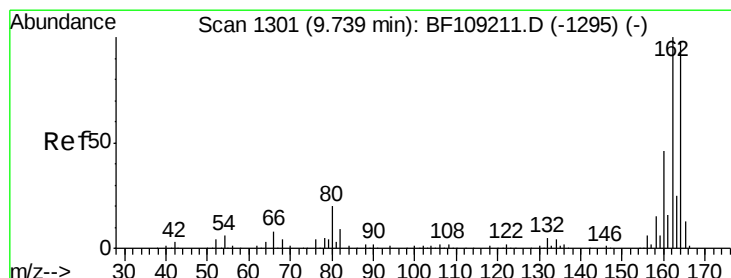
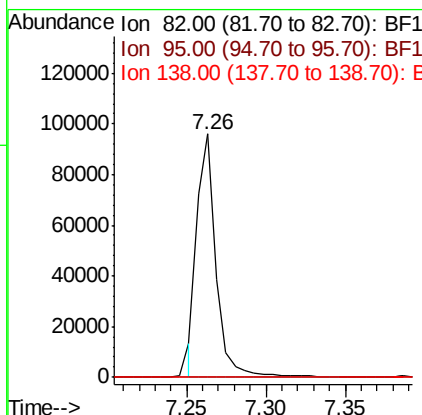
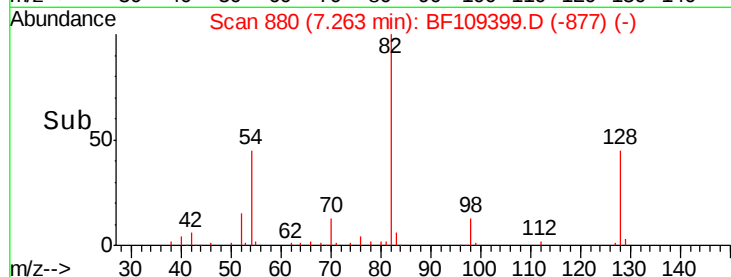
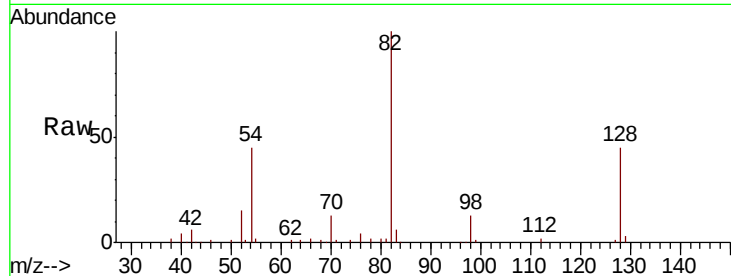




#25
Isophorone
Concen: 6.883 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109399.D
Acq: 27 Sep 2018 20:35

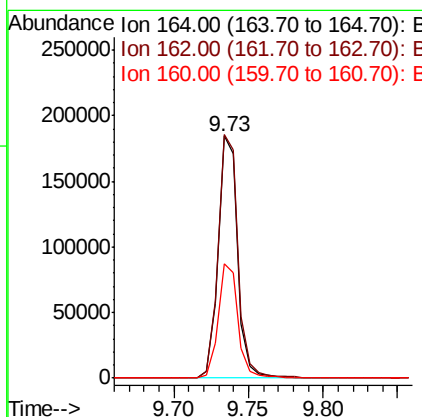
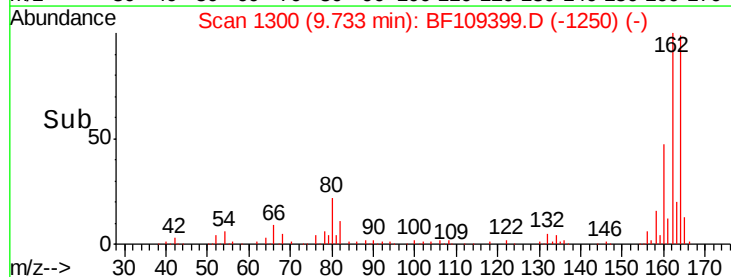
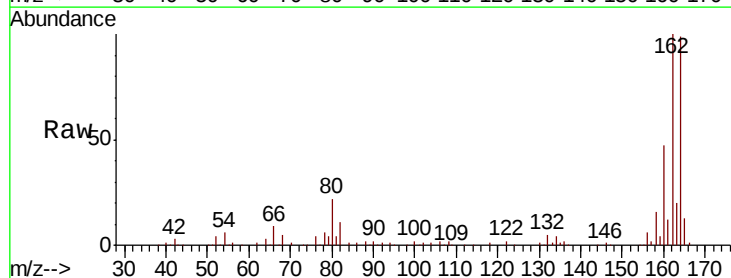
Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2

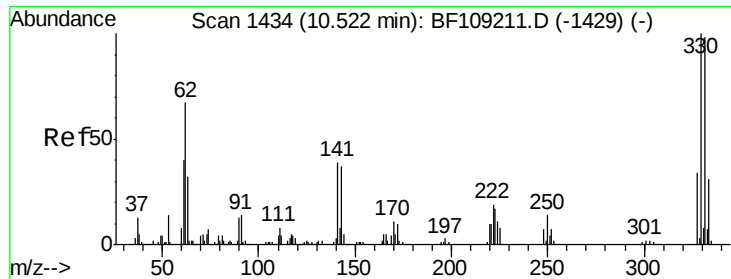
Tgt Ion: 82 Resp: 81639
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109399.D
Acq: 27 Sep 2018 20:35

Tgt Ion: 164 Resp: 168903
Ion Ratio Lower Upper
164 100
162 100.5 86.1 129.1
160 47.3 38.3 57.5

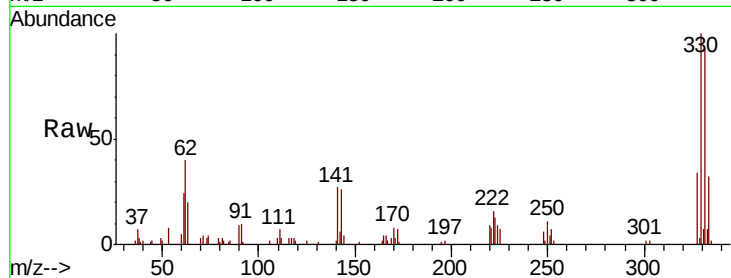




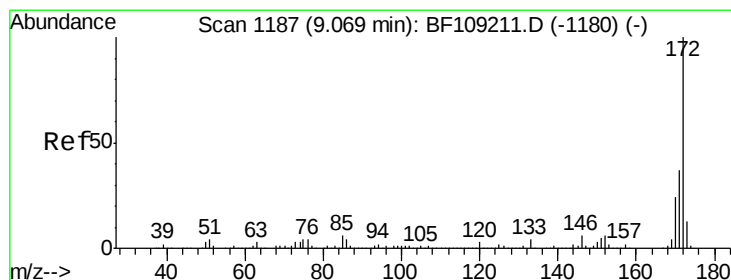
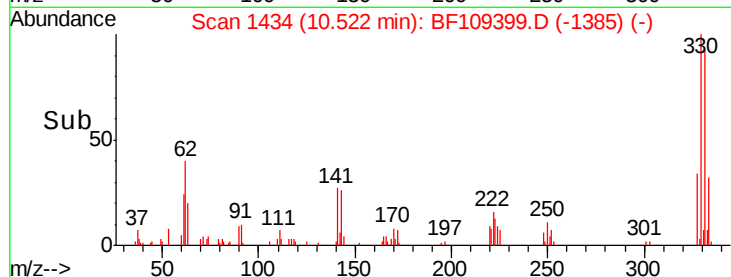
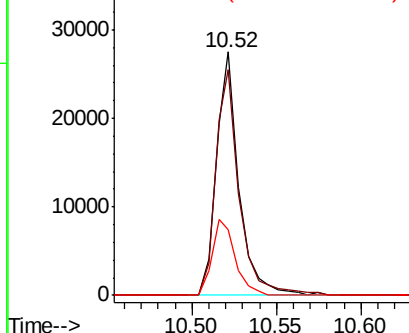
#41
 2,4,6-Tribromophenol
 Concen: 15.383 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109399.D
 Acq: 27 Sep 2018 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2

Tgt Ion:330 Resp: 25613
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 32.0 29.9 44.9

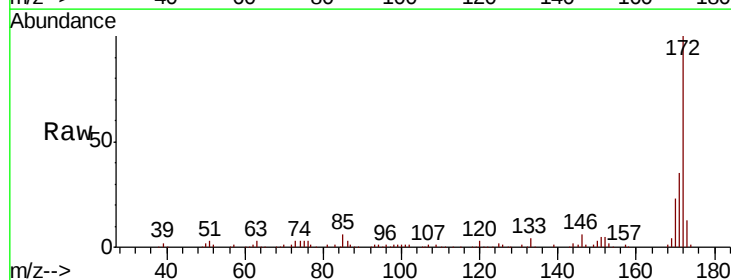


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

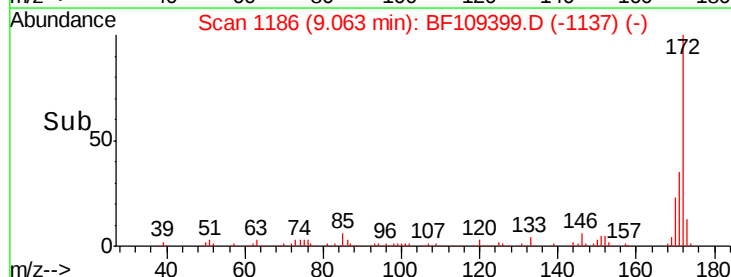
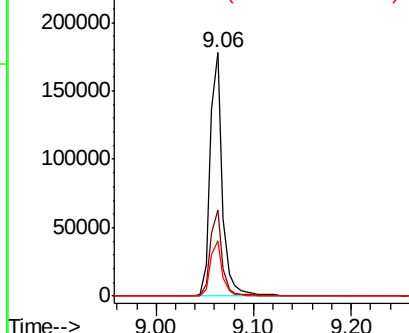


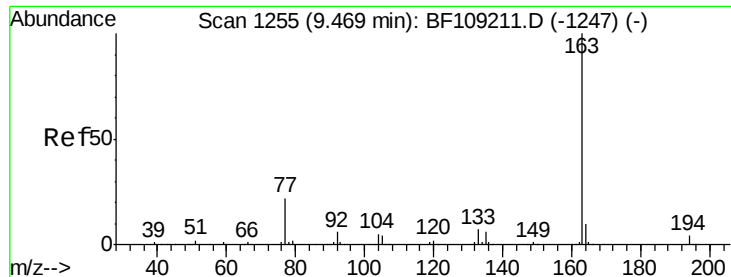
#44
 2-Fluorobiphenyl
 Concen: 13.755 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109399.D
 Acq: 27 Sep 2018 20:35

Tgt Ion:172 Resp: 154040
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.0 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

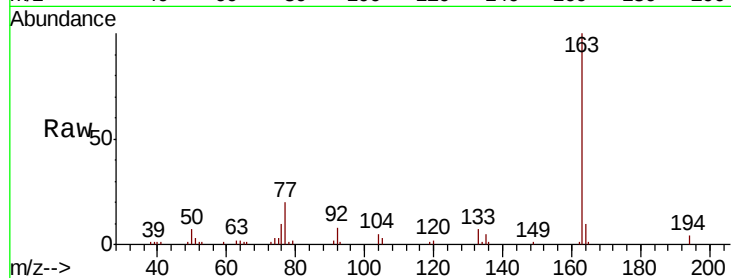




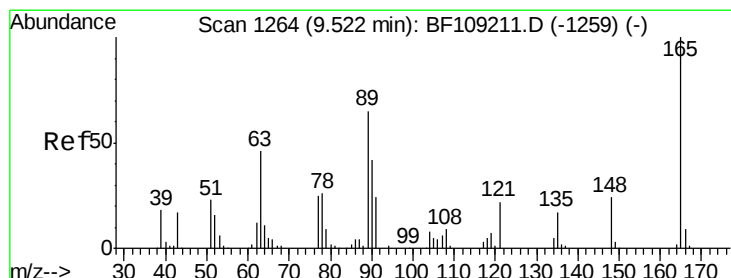
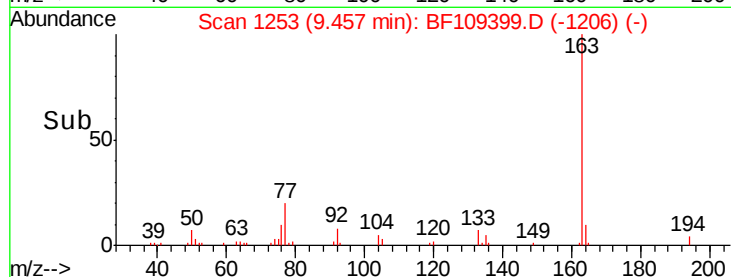
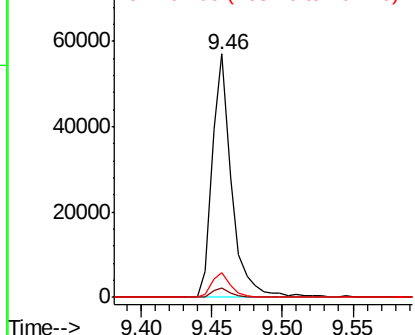
#49
 Dimethylphthalate
 Concen: 4.424 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109399.D
 Acq: 27 Sep 2018 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2

Tgt Ion:163 Resp: 54350
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.0 8.2 12.2

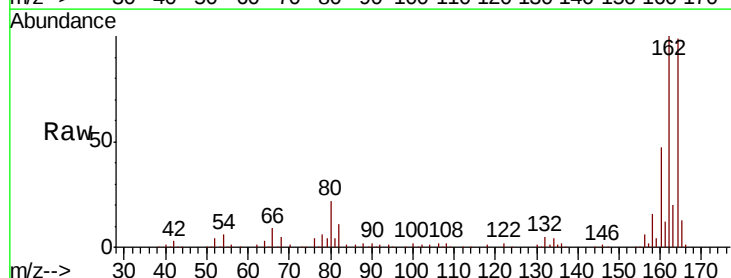


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

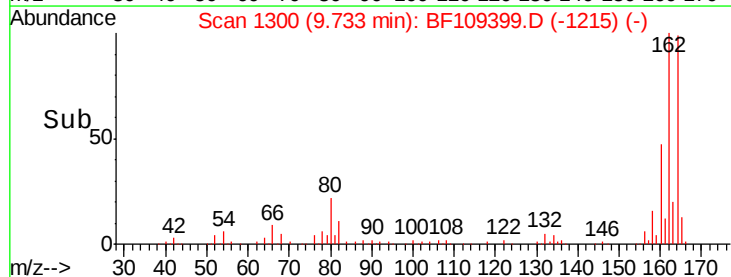
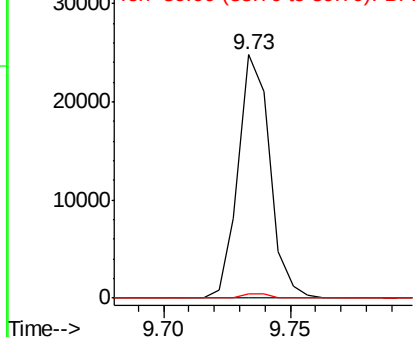


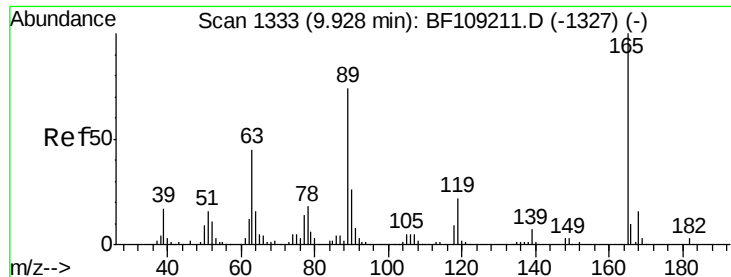
#50
 2,6-Dinitrotoluene
 Concen: 8.843 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109399.D
 Acq: 27 Sep 2018 20:35

Tgt Ion:165 Resp: 21515
 Ion Ratio Lower Upper
 165 100
 63 0.0 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

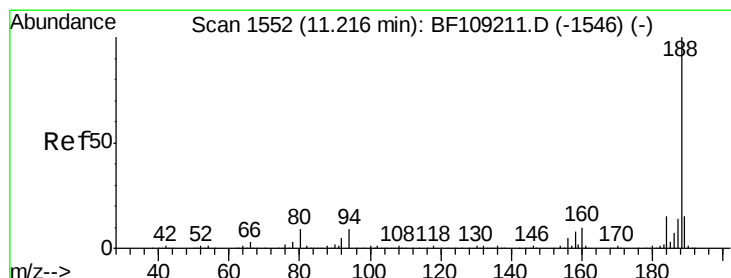
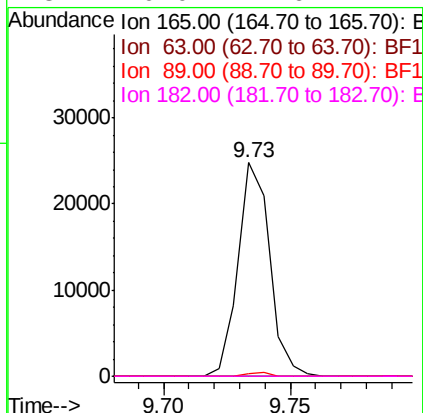
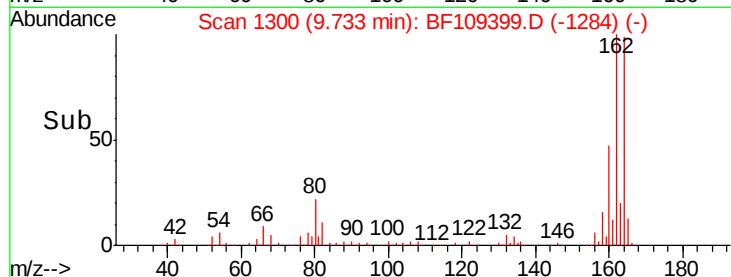
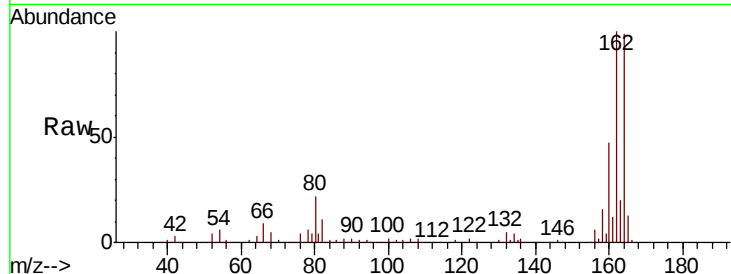




#56
2,4-Dinitrotoluene
Concen: 6.989 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109399.D
Acq: 27 Sep 2018 20:35

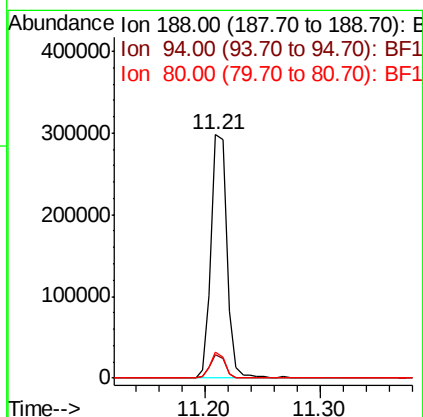
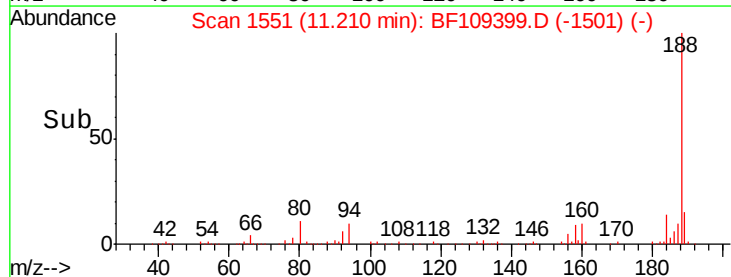
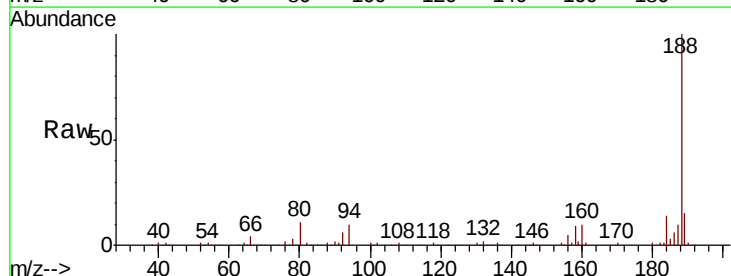
Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2

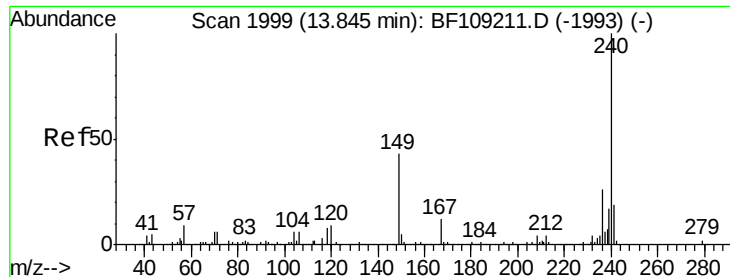
Tgt Ion:	165	Resp:	21515
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109399.D
Acq: 27 Sep 2018 20:35

Tgt Ion:	188	Resp:	287273
Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.8	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: BF109399.D

Acq: 27 Sep 2018 20:35

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2

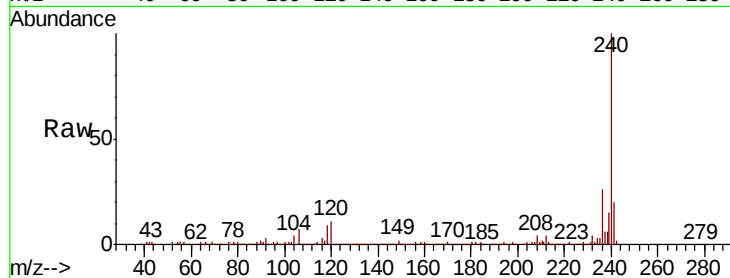
Tgt Ion:240 Resp: 271259

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

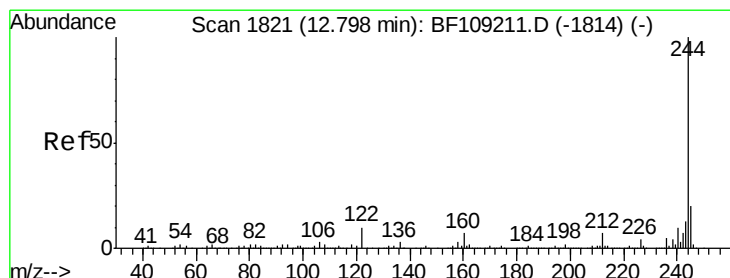
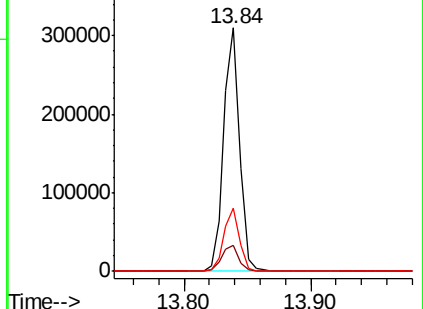
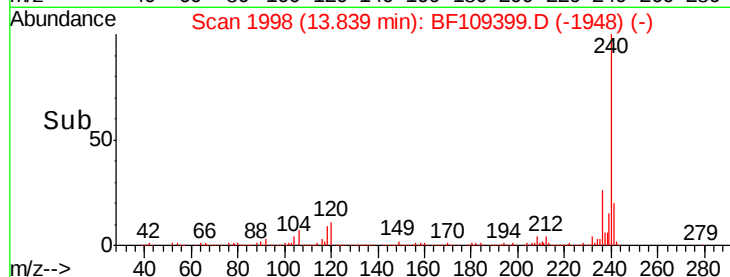
236 25.8 20.7 31.1



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: 11.127 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109399.D

Acq: 27 Sep 2018 20:35

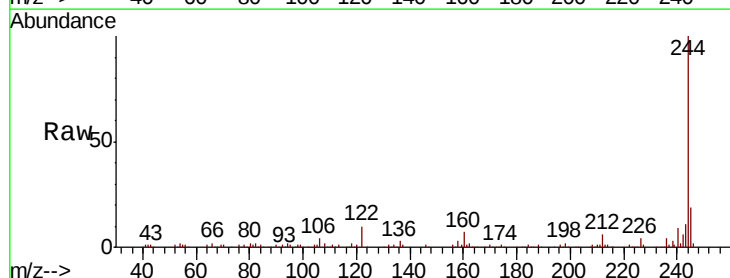
Tgt Ion:244 Resp: 122982

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

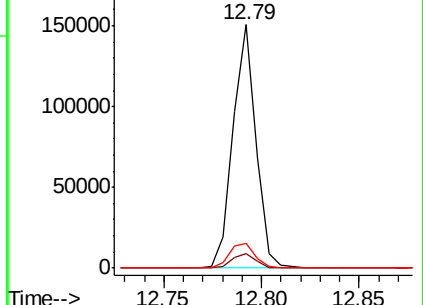
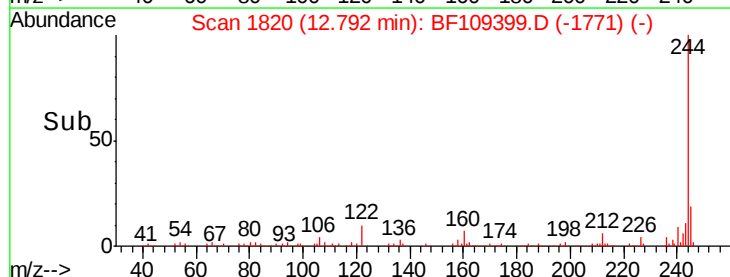
122 9.9 11.0 16.4#

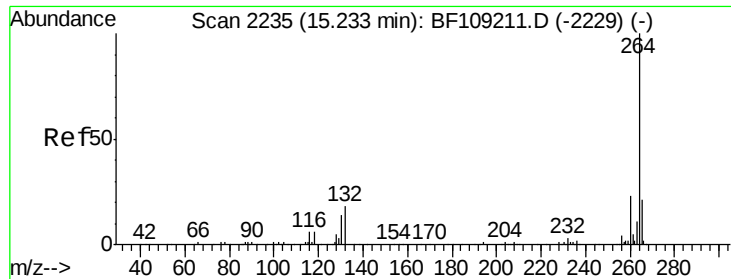


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109399.D
Acq: 27 Sep 2018 20:35

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.2	17.5	26.3

