

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
 Data File : BF108132.D
 Acq On : 13 Aug 2018 22:32
 Operator : JU/SJ
 Sample : J4443-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SALEM-RD-SP

Quant Time: Aug 14 01:13:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	193259	20.00	ng	0.01
21) Naphthalene-d8	8.31	136	678527	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	305720	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	557926	20.00	ng	0.01
75) Chrysene-d12	14.23	240	444954	20.00	ng	0.01
86) Perylene-d12	15.81	264	286088	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	1133444	106.18	ng	0.02
7) Phenol-d6	6.64	99	1477910	104.19	ng	0.01
23) Nitrobenzene-d5	7.58	82	931185	76.58	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	317681	104.18	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1503272	78.94	ng	0.00
78) Terphenyl-d14	13.16	244	1461826	83.53	ng	0.01

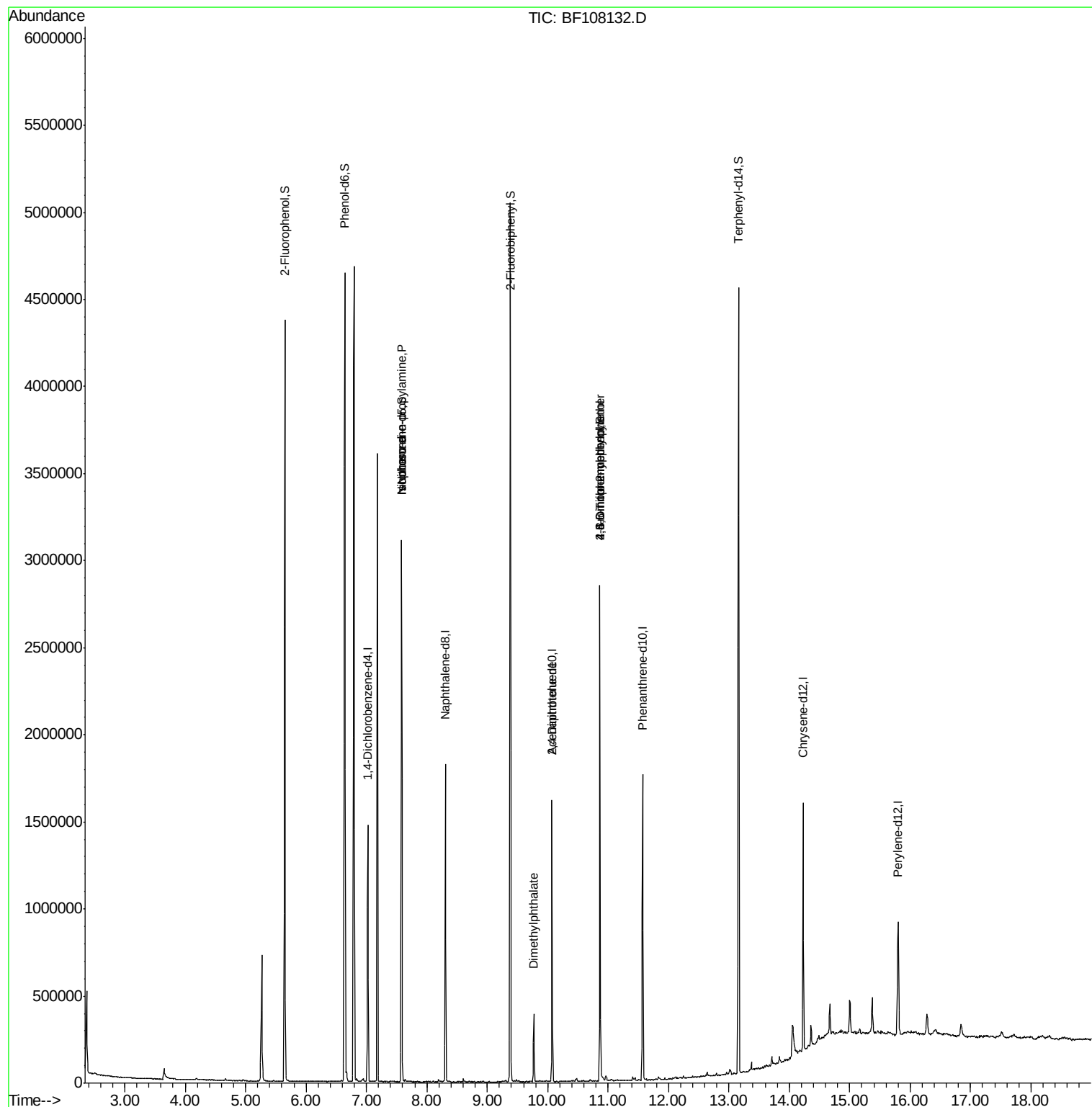
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	126154	13.151	ng	# 85
25) Isophorone	7.58	82	931168	40.177	ng	# 64
49) Dimethylphthalate	9.77	163	138320	6.495	ng	# 99
56) 2,4-Dinitrotoluene	10.07	165	38818	6.768	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.87	198	740	5.672	ng	# 1
66) 4-Bromophenyl-phenylether	10.87	248	20817	3.433	ng	# 1

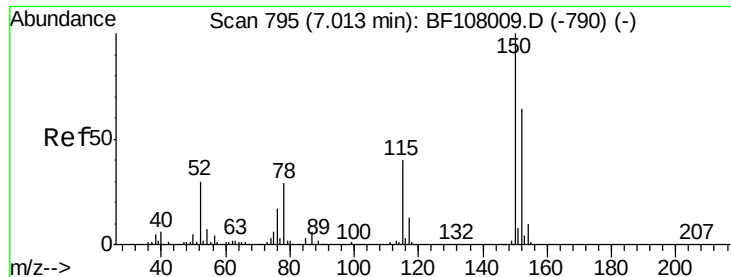
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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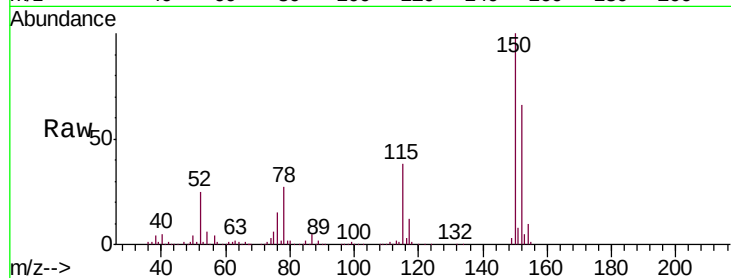


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108132.D
Acq: 13 Aug 2018 22:32

Instrument :
BNA_F
ClientSampleId :
SALEM-RD-SP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.6	186.8
115	57.4	50.1	75.1

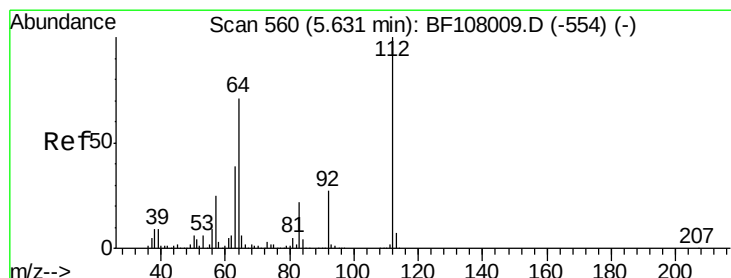
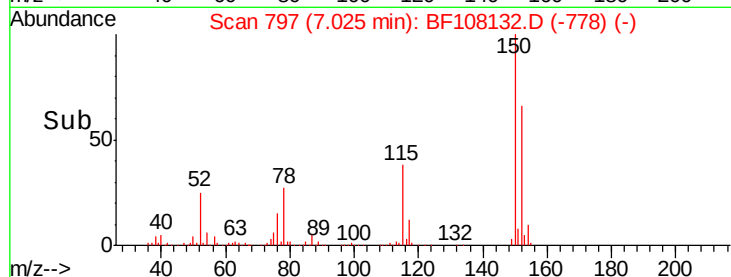
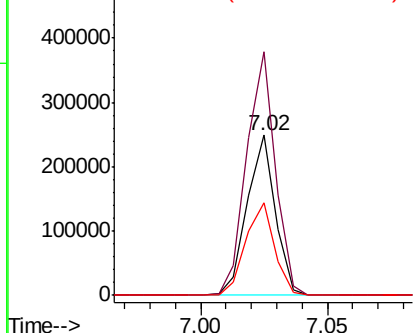


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

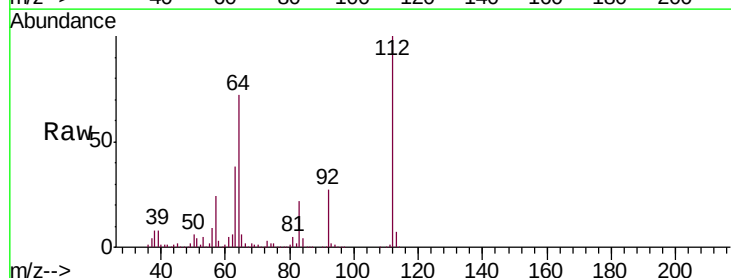
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.181 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108132.D
Acq: 13 Aug 2018 22:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.6	47.9	71.9
63	38.4	23.7	35.5

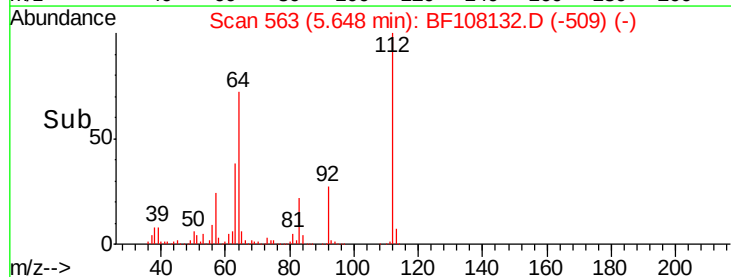
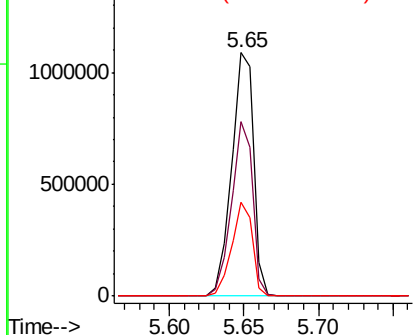


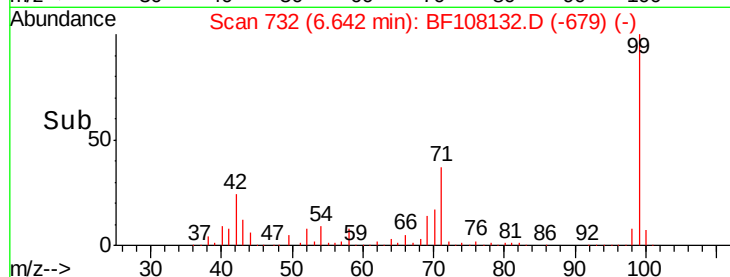
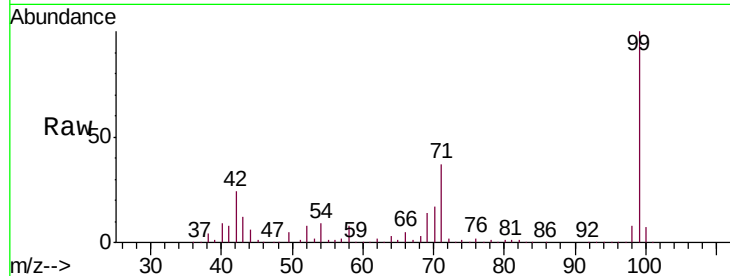
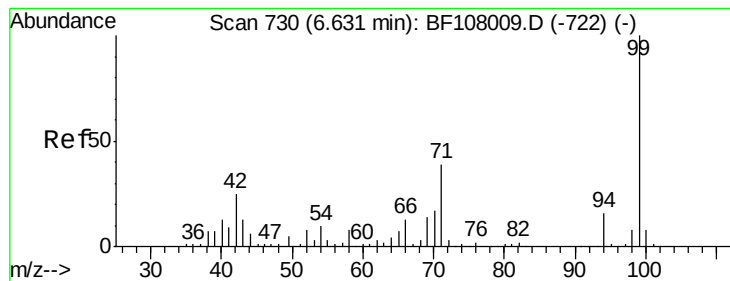
Abundance

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: 104.187 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108132.D

Acq: 13 Aug 2018 22:32

Instrument :

BNA_F

ClientSampleId :

SALEM-RD-SP

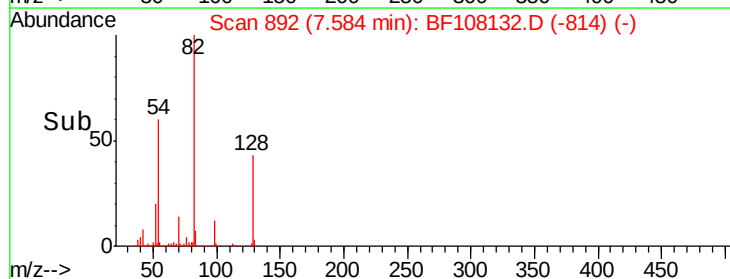
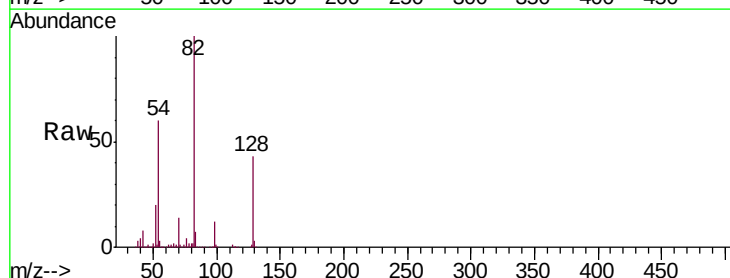
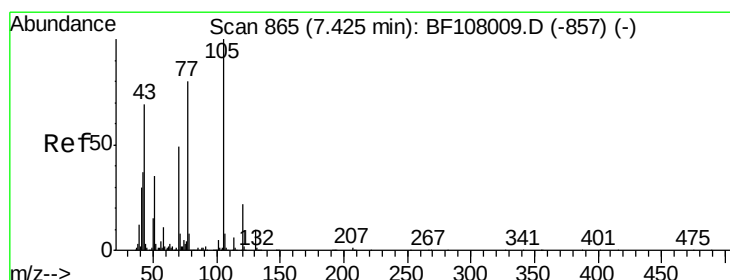
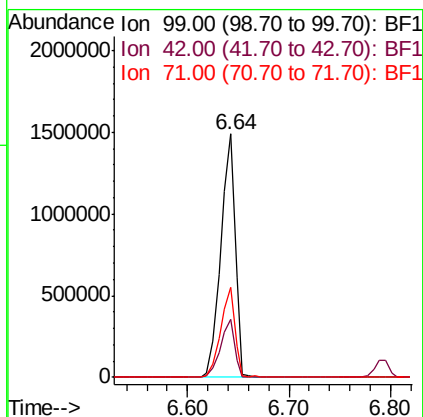
Tgt Ion: 99 Resp: 1477910

Ion Ratio Lower Upper

99 100

42 23.7 14.5 21.7#

71 37.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.151 ng

RT: 7.58 min Scan# 892

Delta R.T. 0.16 min

Lab File: BF108132.D

Acq: 13 Aug 2018 22:32

Tgt Ion: 70 Resp: 126154

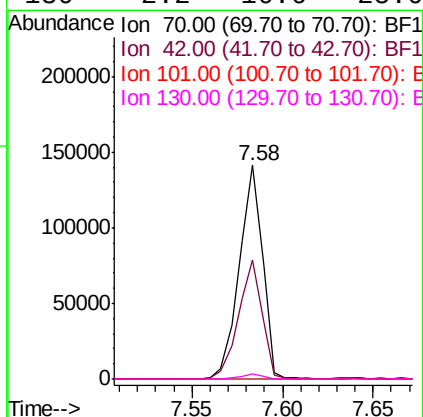
Ion Ratio Lower Upper

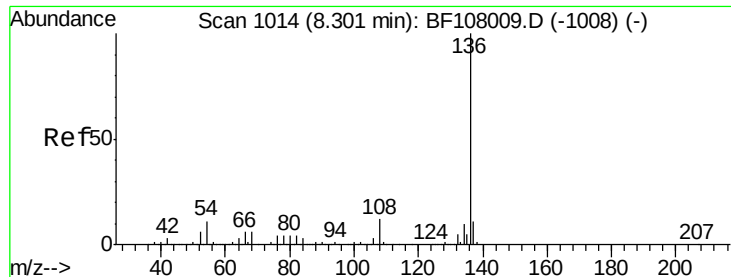
70 100

42 55.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

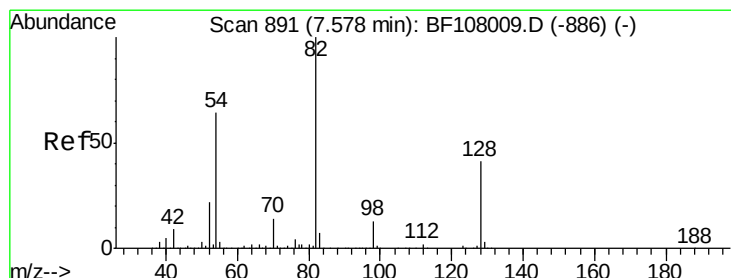
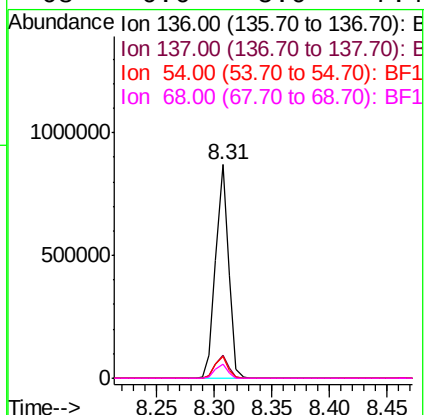
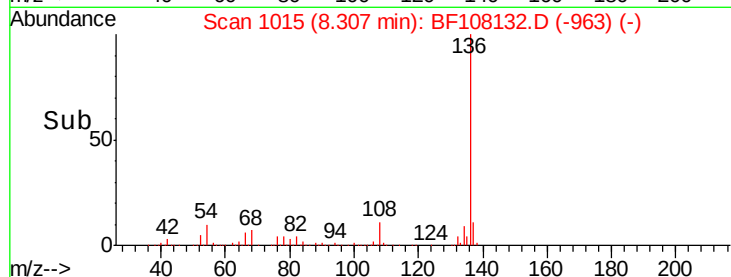
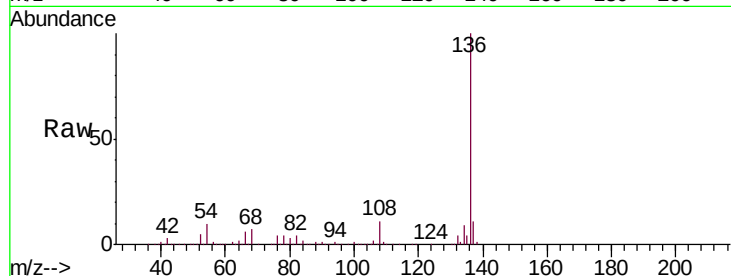




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108132.D
Acq: 13 Aug 2018 22:32

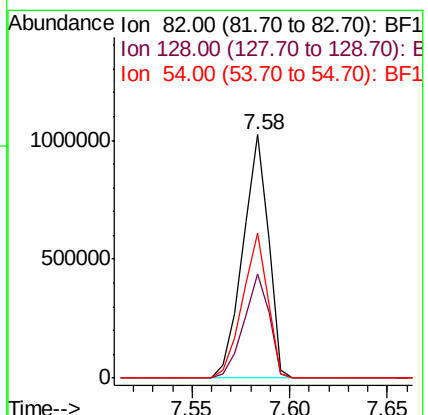
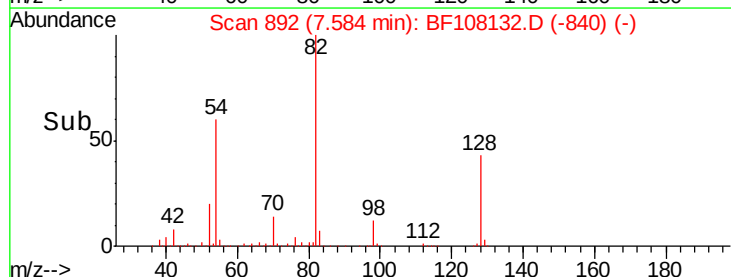
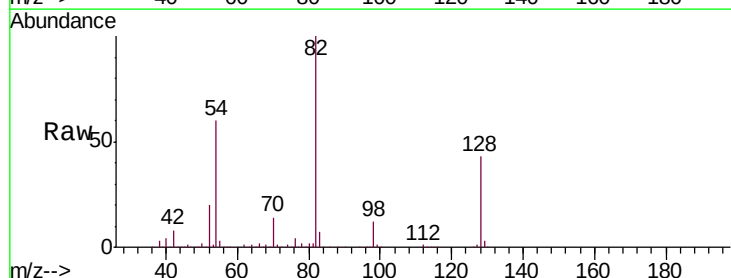
Instrument :
BNA_F
ClientSampleId :
SALEM-RD-SP

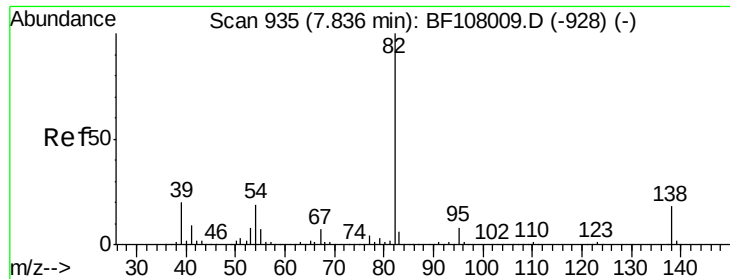
Tgt Ion:	136	Resp:	678527
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.3	6.6	9.8#
68	6.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 76.580 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108132.D
Acq: 13 Aug 2018 22:32

Tgt Ion:	82	Resp:	931185
Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	59.8	41.4	62.2





#25

Isophorone

Concen: 40.177 ng

RT: 7.58 min Scan# 892

Delta R.T. -0.25 min

Lab File: BF108132.D

Acq: 13 Aug 2018 22:32

Instrument :

BNA_F

ClientSampleId :

SALEM-RD-SP

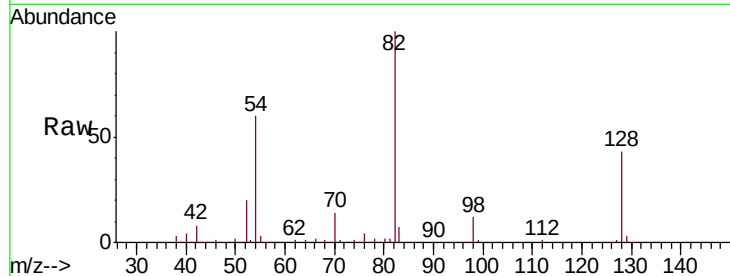
Tgt Ion: 82 Resp: 931168

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

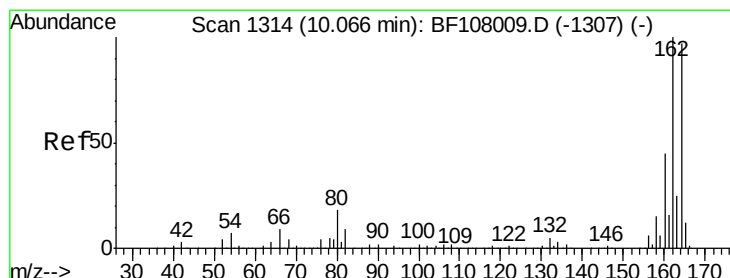
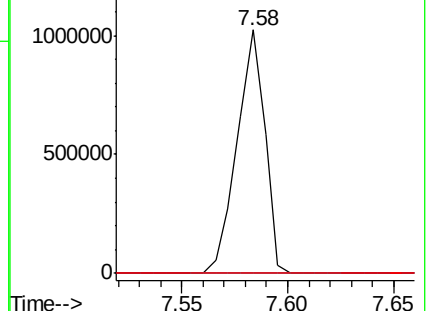
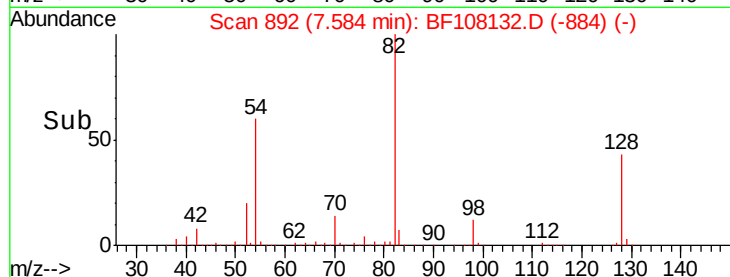
138 0.0 14.9 22.3#



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: 10.07 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF108132.D

Acq: 13 Aug 2018 22:32

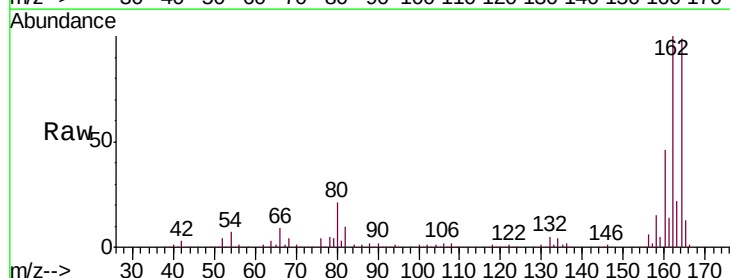
Tgt Ion: 164 Resp: 305720

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

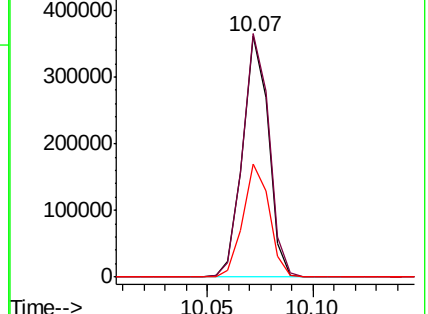
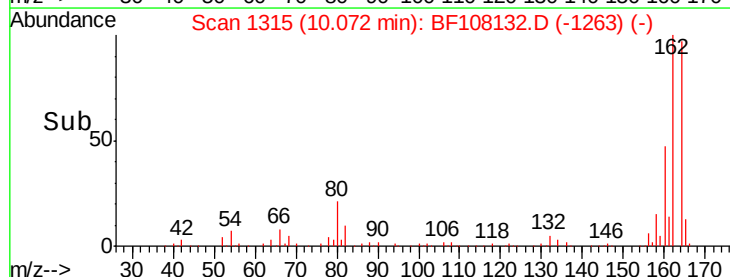
160 47.0 38.3 57.5

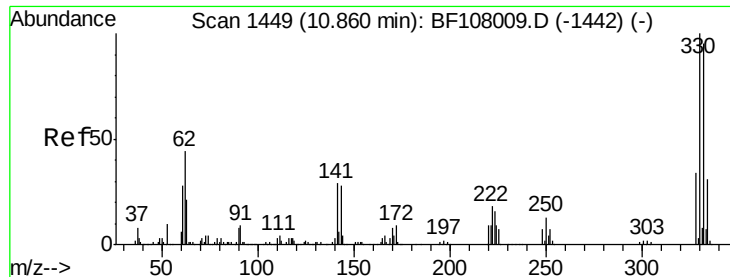


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

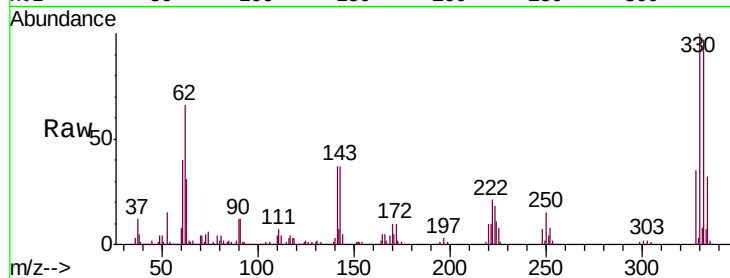




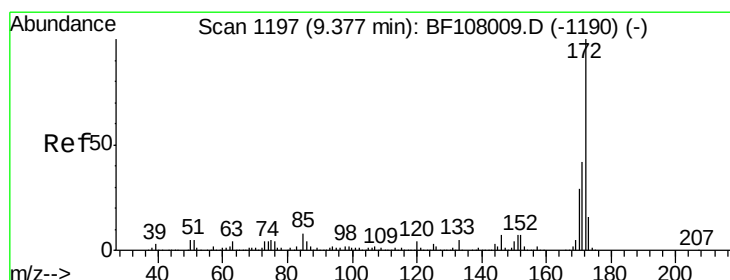
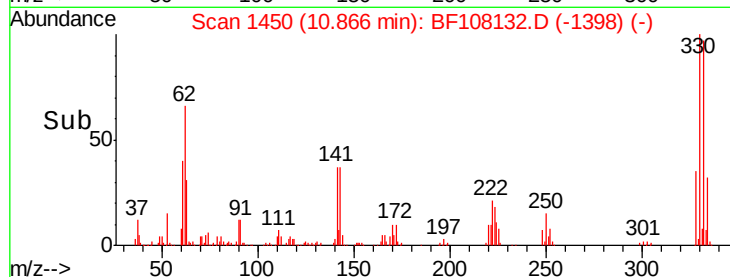
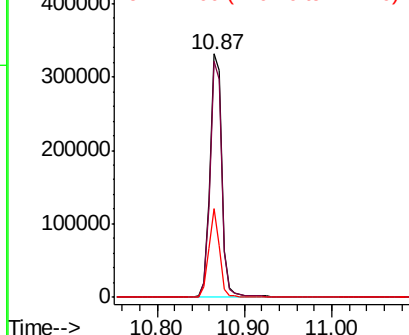
#41
 2,4,6-Tribromophenol
 Concen: 104.175 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108132.D
 Acq: 13 Aug 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :
 SALEM-RD-SP

Tgt Ion: 330 Resp: 317681
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.8 29.9 44.9

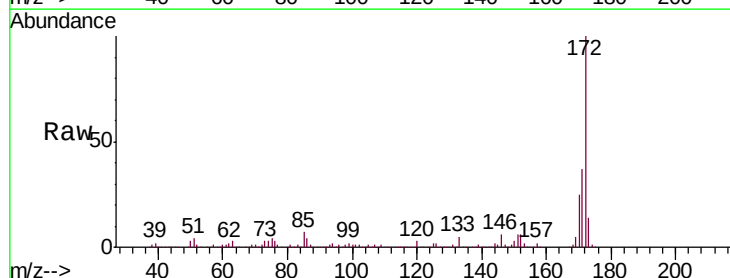


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

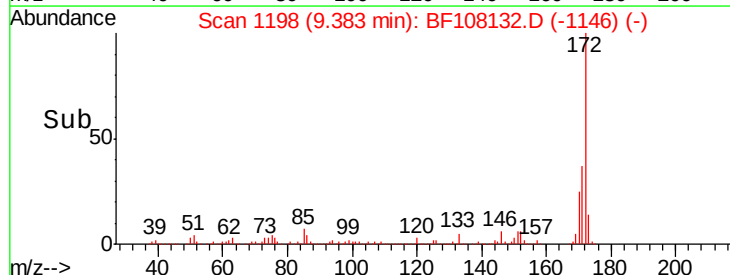
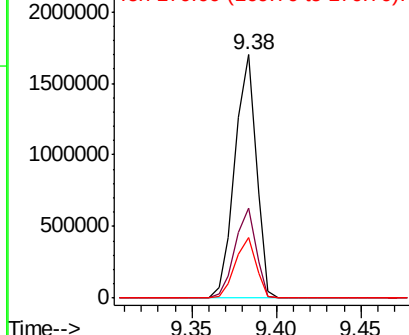


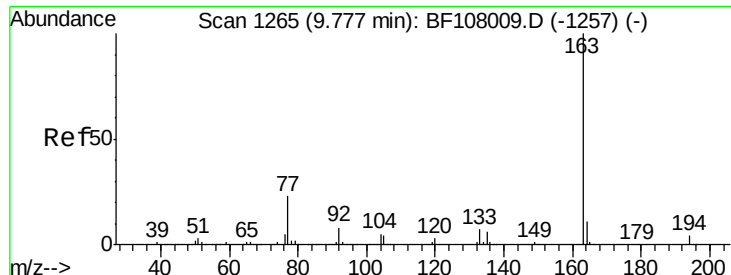
#44
 2-Fluorobiphenyl
 Concen: 78.943 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108132.D
 Acq: 13 Aug 2018 22:32

Tgt Ion: 172 Resp: 1503272
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.8 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

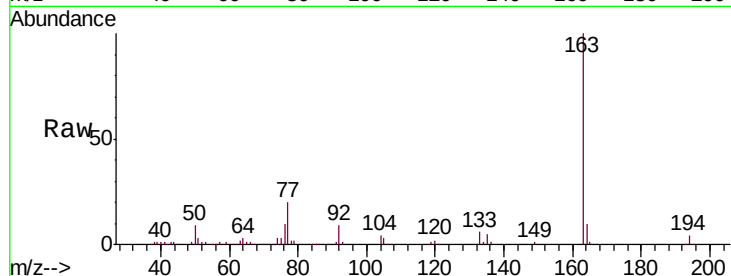




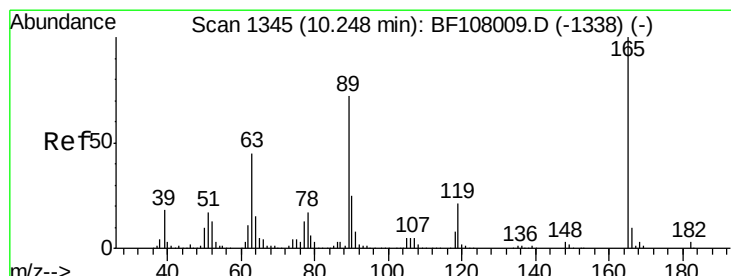
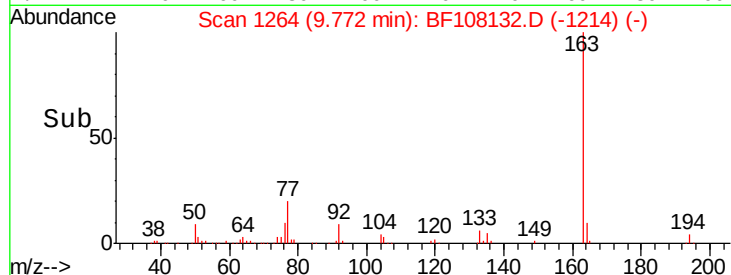
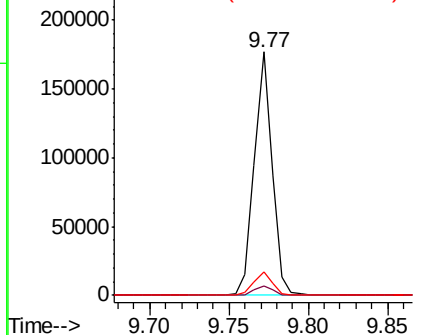
#49
Dimethylphthalate
Concen: 6.495 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108132.D
Acq: 13 Aug 2018 22:32

Instrument :
BNA_F
ClientSampleId :
SALEM-RD-SP

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.9	8.2	12.2

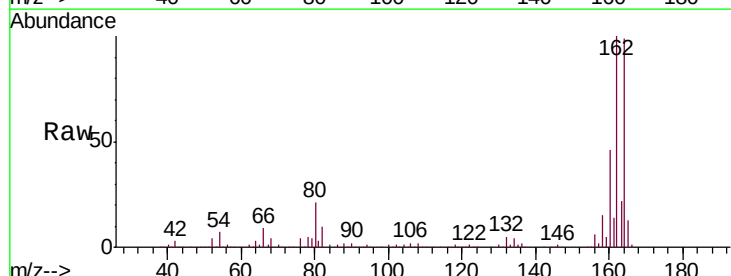


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

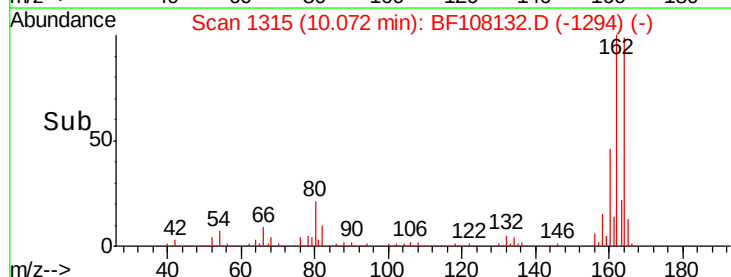
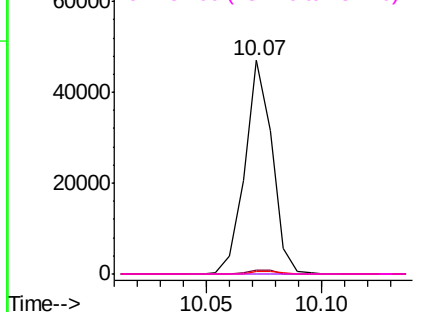


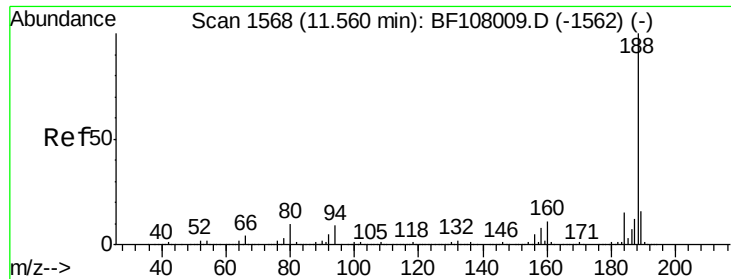
#56
2,4-Dinitrotoluene
Concen: 6.768 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.18 min
Lab File: BF108132.D
Acq: 13 Aug 2018 22:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	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

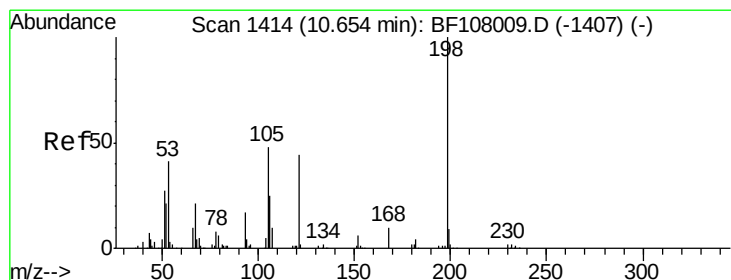
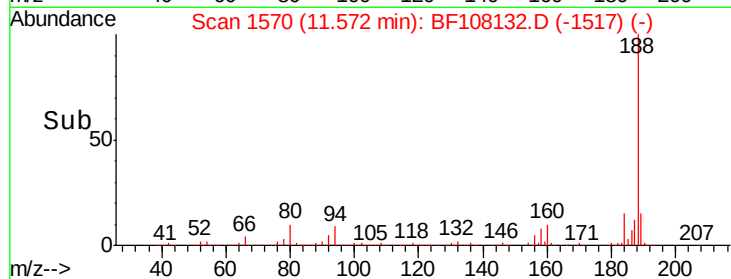
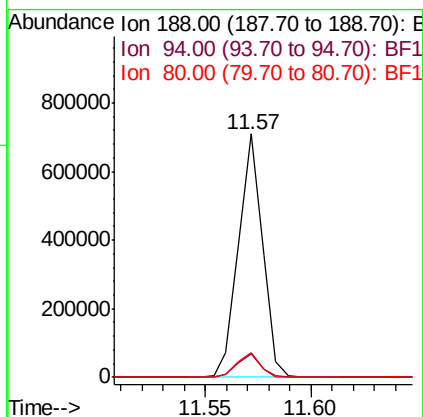
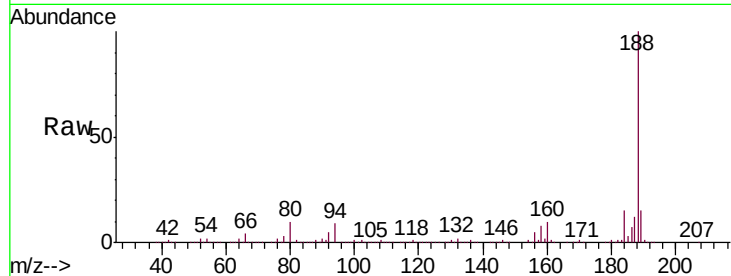




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF108132.D
Acq: 13 Aug 2018 22:32

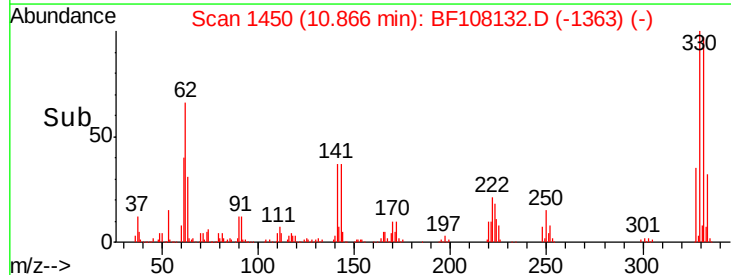
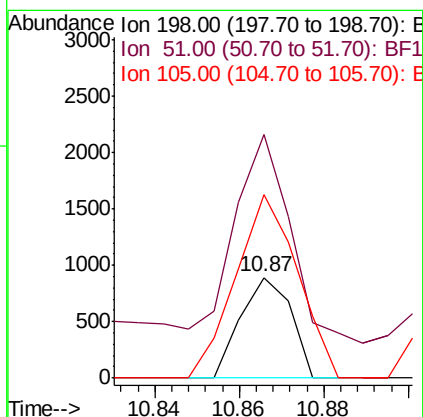
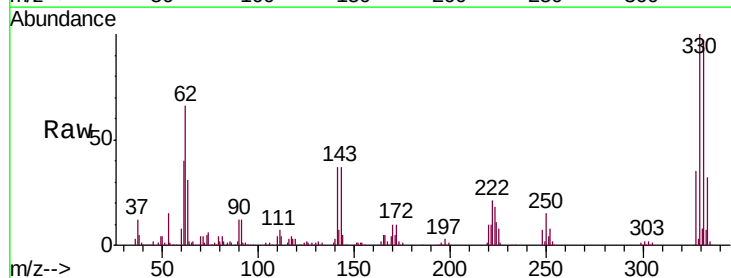
Instrument :
BNA_F
ClientSampleId :
SALEM-RD-SP

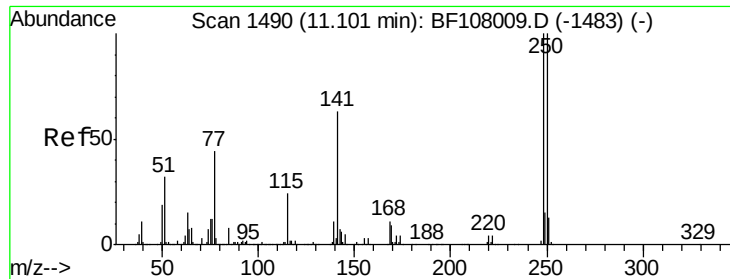
Tgt Ion:188 Resp: 557926
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.672 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.21 min
Lab File: BF108132.D
Acq: 13 Aug 2018 22:32

Tgt Ion:198 Resp: 740
Ion Ratio Lower Upper
198 100
51 241.5 37.7 77.7#
105 181.4 36.3 76.3#

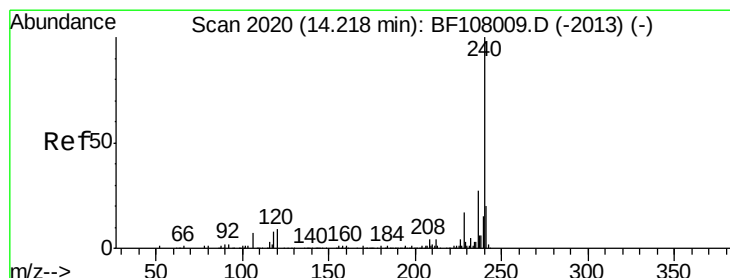
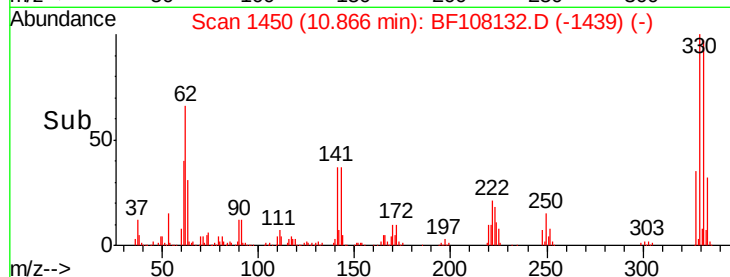
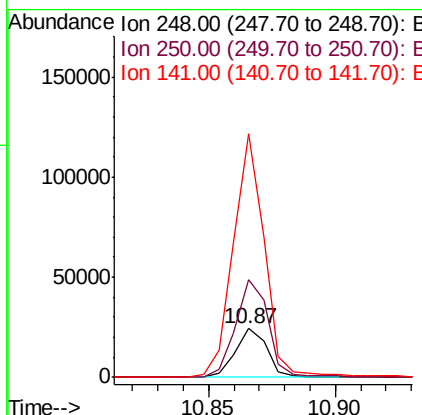
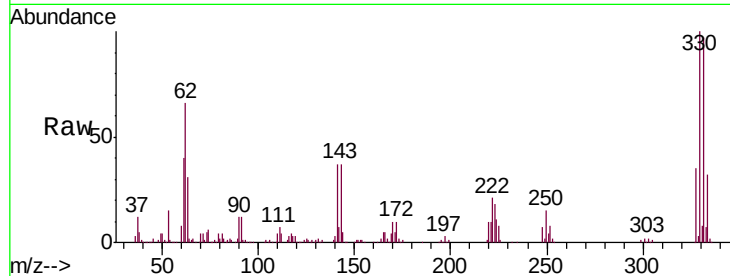




#66
4-Bromophenyl-phenylether
Concen: 3.433 ng
RT: 10.87 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF108132.D
Acq: 13 Aug 2018 22:32

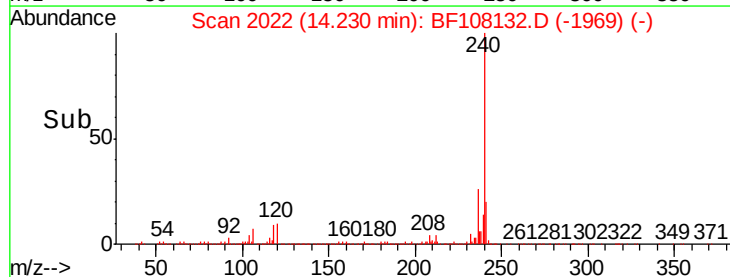
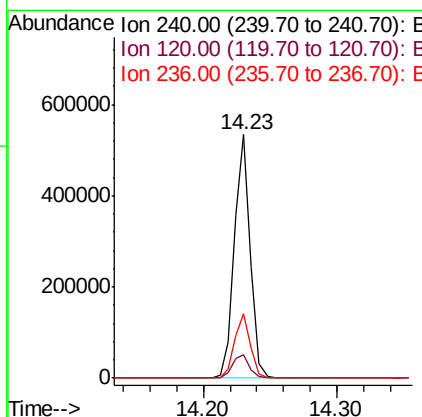
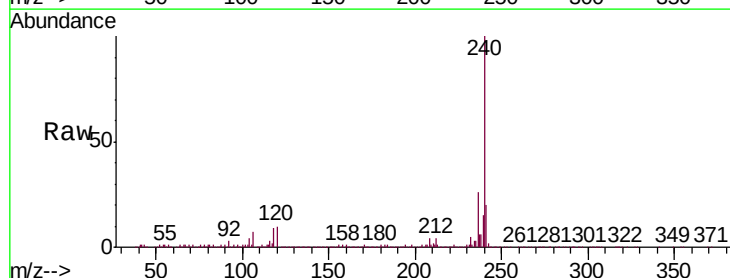
Instrument :
BNA_F
ClientSampleId :
SALEM-RD-SP

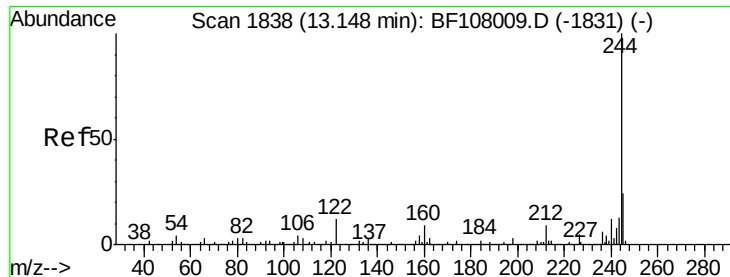
Tgt Ion:248 Resp: 20817
Ion Ratio Lower Upper
248 100
250 200.4 76.9 115.3#
141 497.4 74.4 111.6#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.23 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF108132.D
Acq: 13 Aug 2018 22:32

Tgt Ion:240 Resp: 444954
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 83.532 ng

RT: 13.16 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF108132.D

Acq: 13 Aug 2018 22:32

Instrument :

BNA_F

ClientSampleId :

SALEM-RD-SP

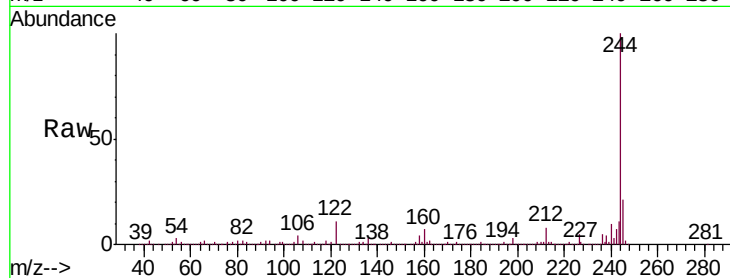
Tgt Ion:244 Resp: 1461826

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

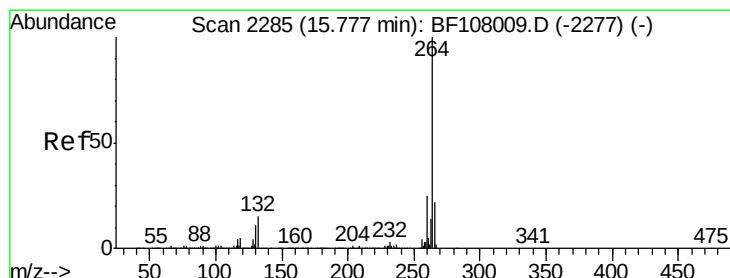
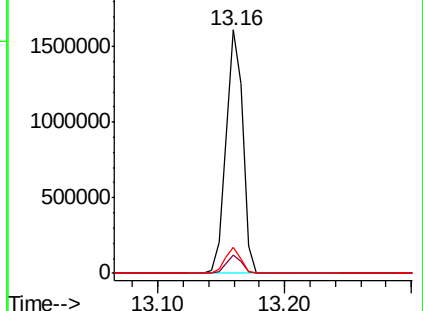
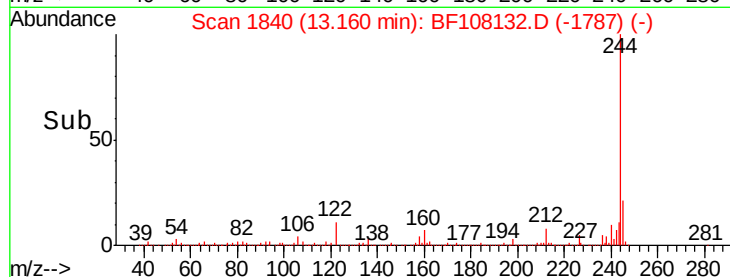
122 10.9 11.0 16.4#



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: 15.81 min Scan# 2290

Delta R.T. 0.03 min

Lab File: BF108132.D

Acq: 13 Aug 2018 22:32

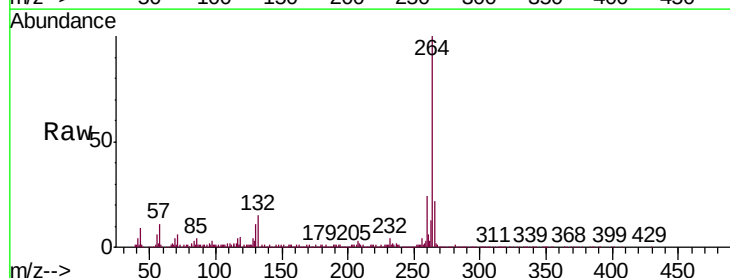
Tgt Ion:264 Resp: 286088

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.3 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

