

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
 Data File : BM016359.D
 Acq On : 14 Aug 2018 17:49
 Operator : SJ/JU
 Sample : J4443-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SALEM-RD-SP

Quant Time: Aug 15 11:55:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

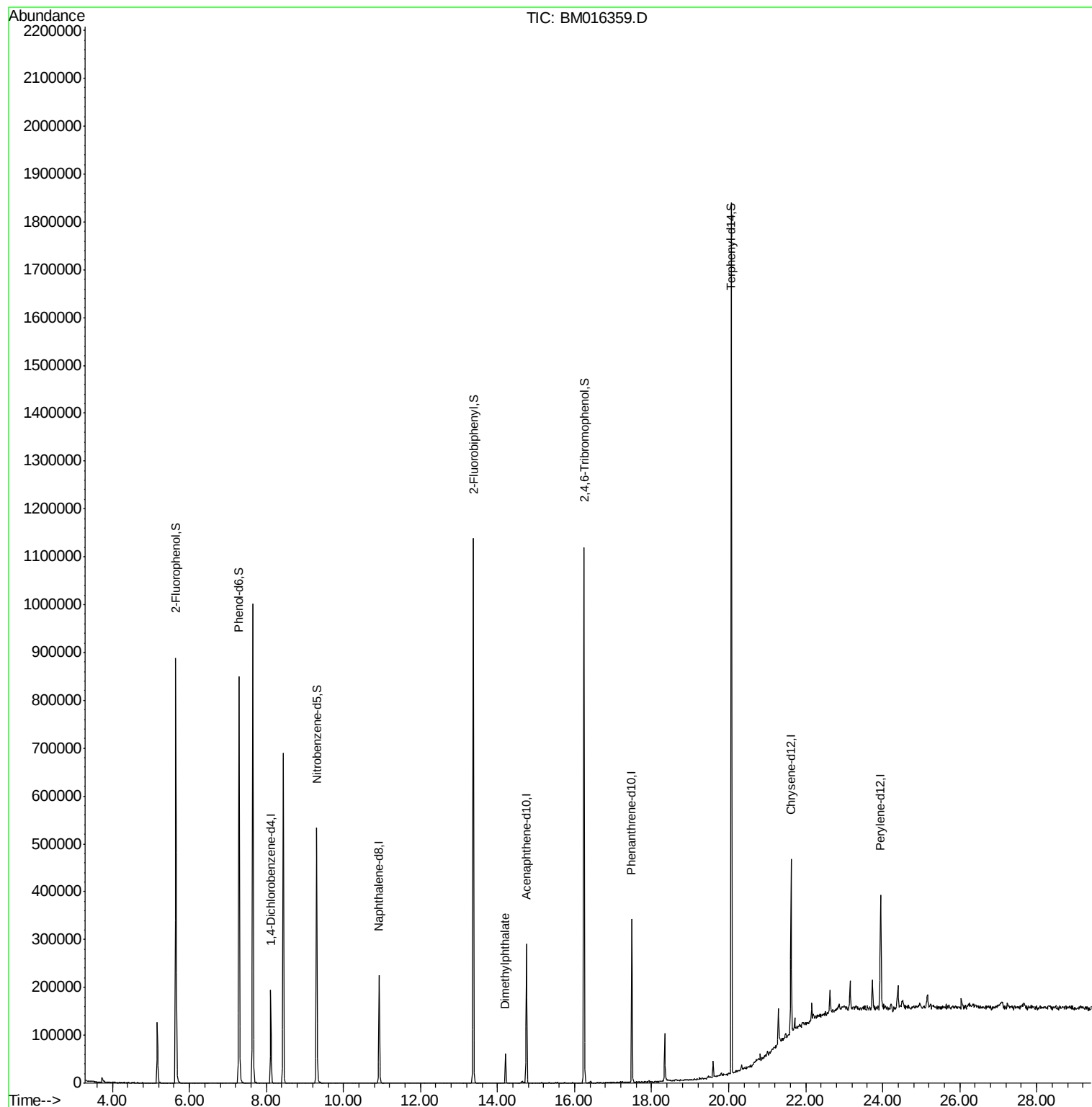
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	39273	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	150667	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	80690	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	169107	20.00	ng	0.00
75) Chrysene-d12	21.62	240	133485	20.00	ng	0.00
86) Perylene-d12	23.95	264	144701	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	275481	116.52	ng	0.00
7) Phenol-d6	7.29	99	335801	108.76	ng	0.00
23) Nitrobenzene-d5	9.30	82	249559	77.04	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	112447	109.87	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	446407	67.31	ng	0.00
78) Terphenyl-d14	20.07	244	567808	89.04	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.21	163	35712	5.057	ng	Qvalue # 99

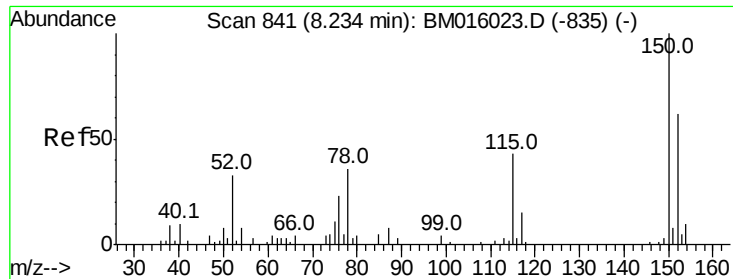
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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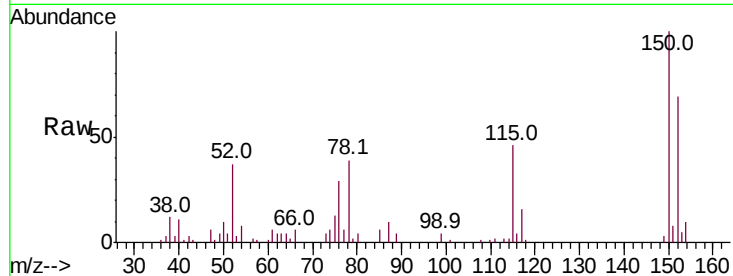


#1

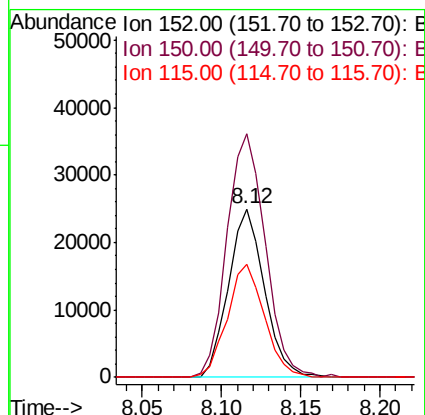
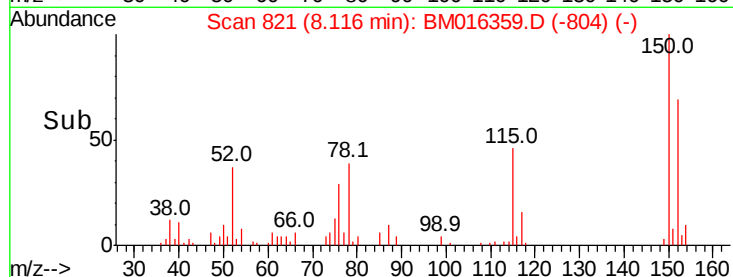
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 821
Delta R.T. -0.00 min
Lab File: BM016359.D
Acq: 14 Aug 2018 17:49

Instrument :
BNA_M
ClientSampleId :
SALEM-RD-SP

Tot Ion:152 Resp: 39273
Ion Ratio Lower Upper
152 100
150 144.7 119.5 179.3
115 67.0 43.0 64.4#



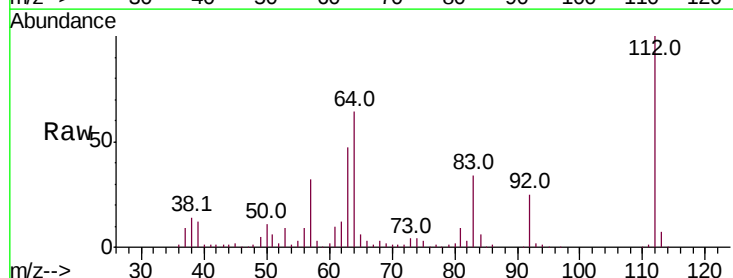
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



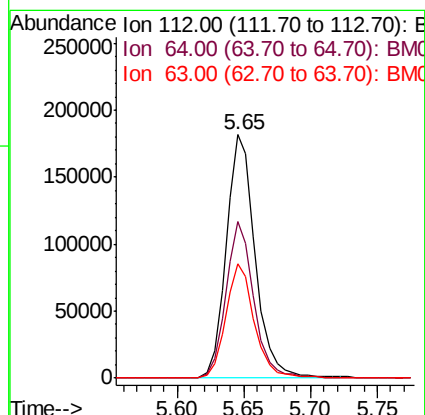
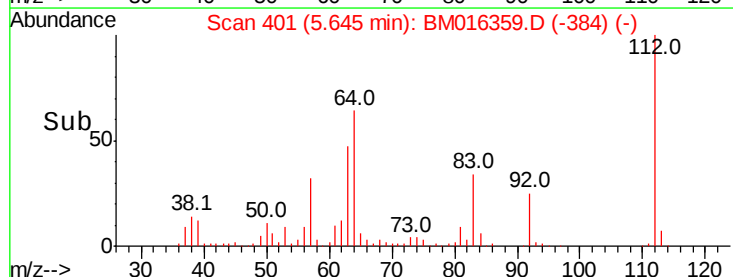
#5

2-Fluorophenol
Concen: Below ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BM016359.D
Acq: 14 Aug 2018 17:49

Tgt Ion:112 Resp: 275481
Ion Ratio Lower Upper
112 100
64 64.5 38.6 57.8#
63 47.0 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. ng

RT: 7.29 min Scan# 681

Delta R.T. 0.01 min

Lab File: BM016359.D

Acq: 14 Aug 2018 17:49

Instrument :

BNA_M

ClientSampled :

SALEM-RD-SP

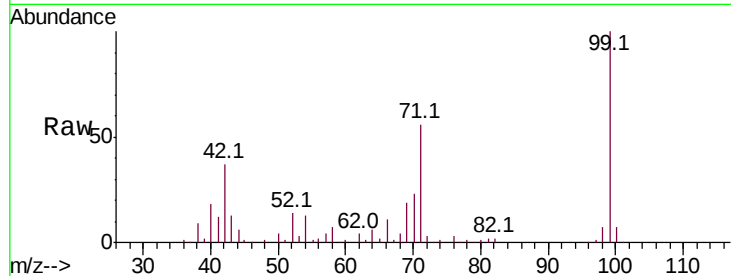
Tot Ion: 99 Resp: 335801

Ion Ratio Lower Upper

99 100

42 36.8 11.0 16.4#

71 55.5 23.4 35.2#

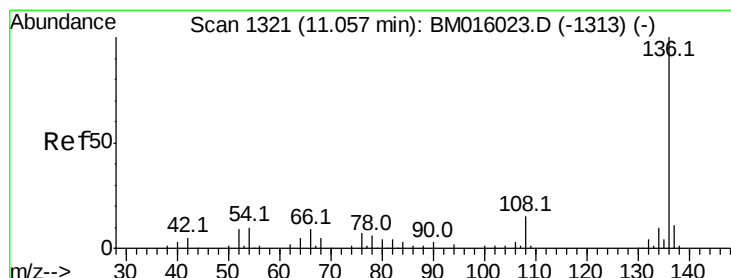
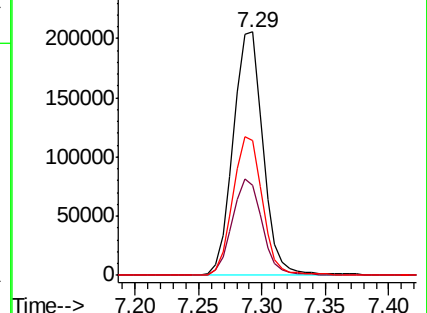
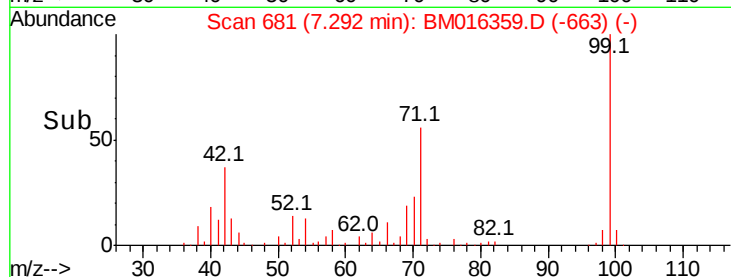


Abundance

Ion 99.00 (98.70 to 99.70): BM016359.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016359.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016359.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BM016359.D

Acq: 14 Aug 2018 17:49

Tgt Ion: 136 Resp: 150667

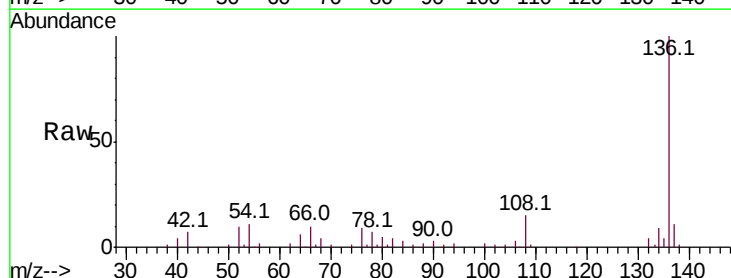
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.7 4.6 6.8#

68 4.0 3.7 5.5



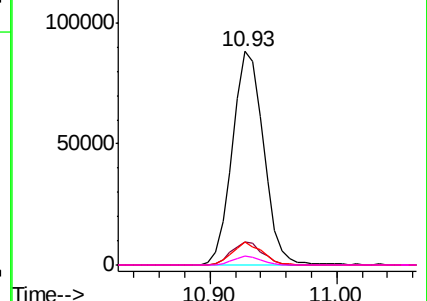
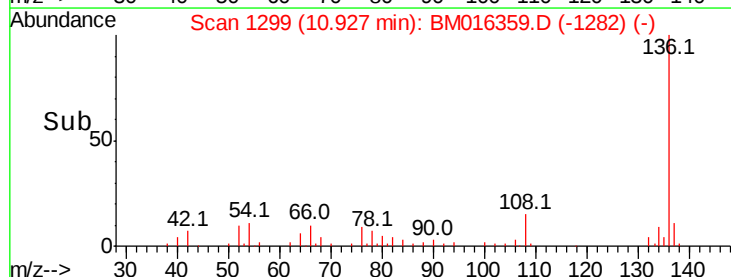
Abundance

Ion 136.00 (135.70 to 136.70): BM016359.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016359.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016359.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016359.D (-1282) (-)

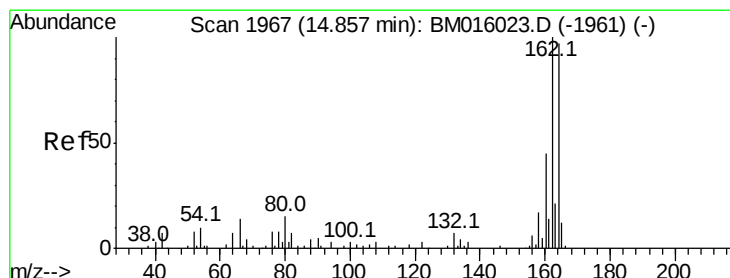
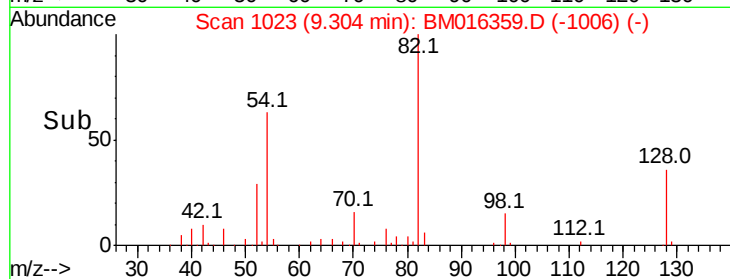
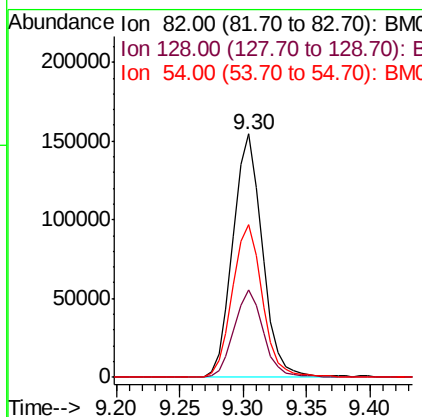
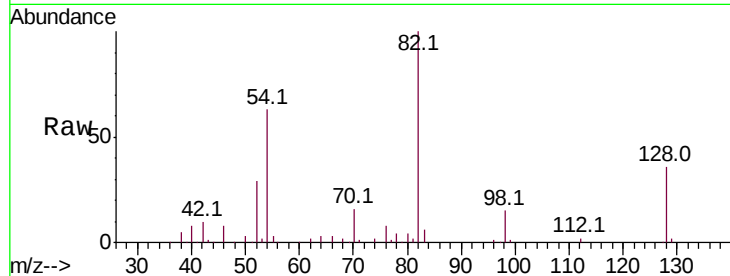




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BM016359.D
Acq: 14 Aug 2018 17:49

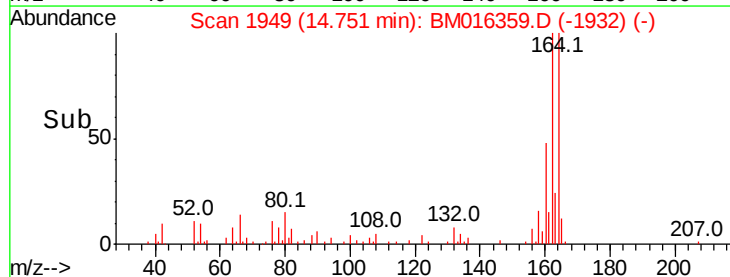
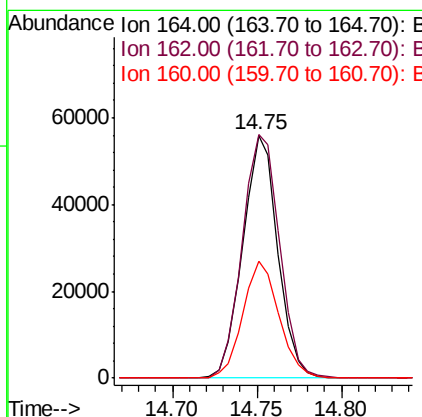
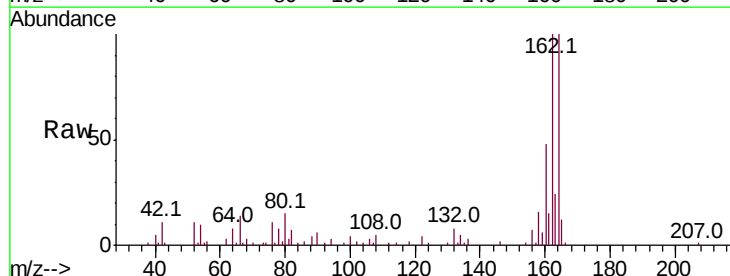
Instrument :
BNA_M
ClientSampleId :
SALEM-RD-SP

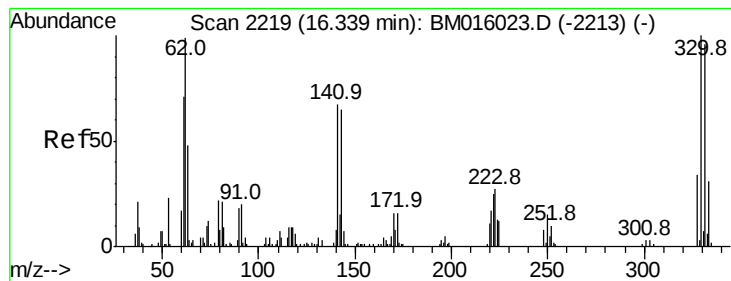
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.9	32.8	49.2
54	62.9	40.6	60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BM016359.D
Acq: 14 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.4	123.6
160	48.3	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.24 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BM016359.D

Acq: 14 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

SALEM-RD-SP

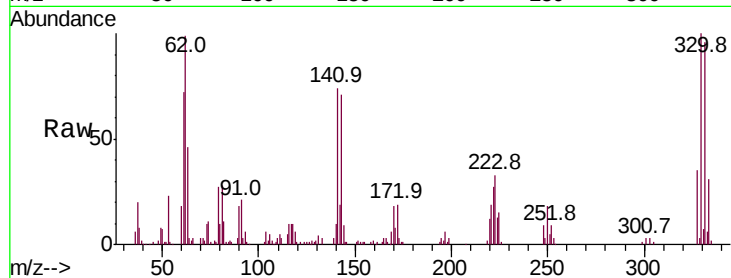
Tot Ion:330 Resp: 112447

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

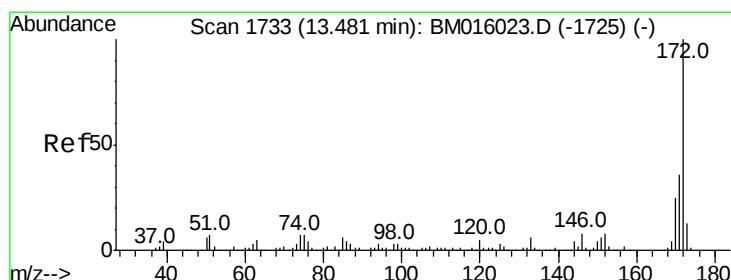
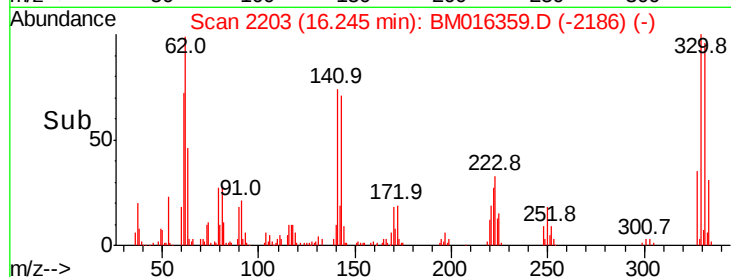
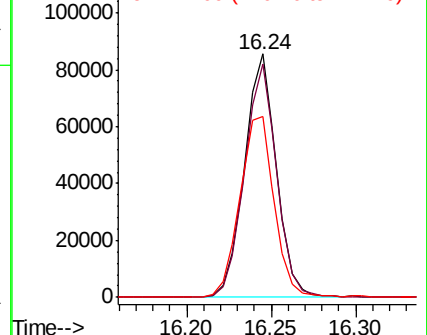
141 80.0 0.0 0.0#



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: N.D. ng

RT: 13.37 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BM016359.D

Acq: 14 Aug 2018 17:49

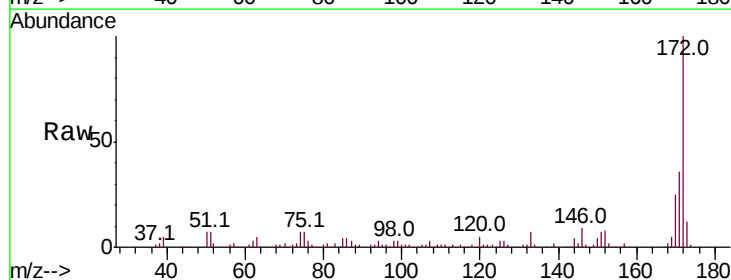
Tgt Ion:172 Resp: 446407

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

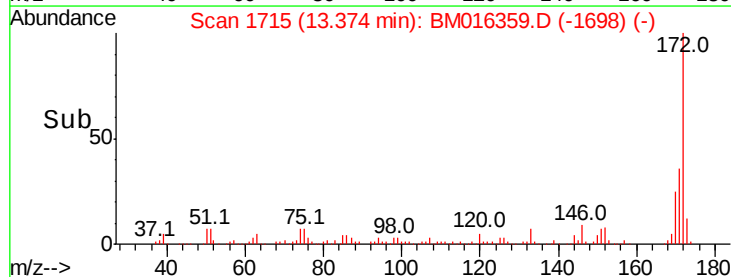
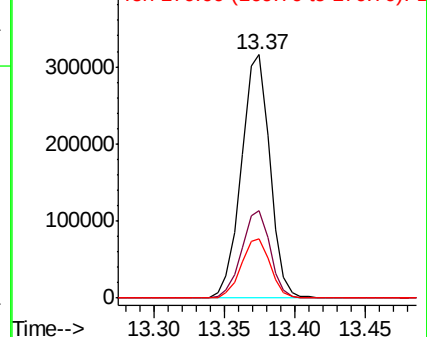
170 24.6 18.8 28.2

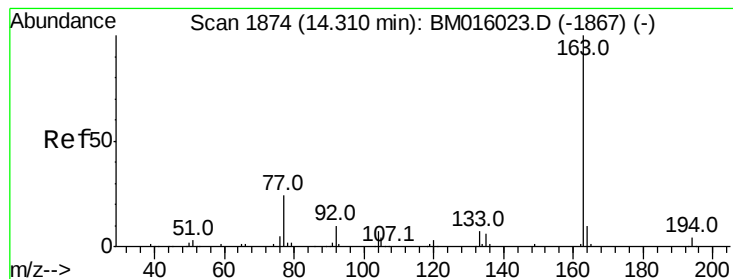


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.057 ng

RT: 14.21 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BM016359.D

Acq: 14 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

SALEM-RD-SP

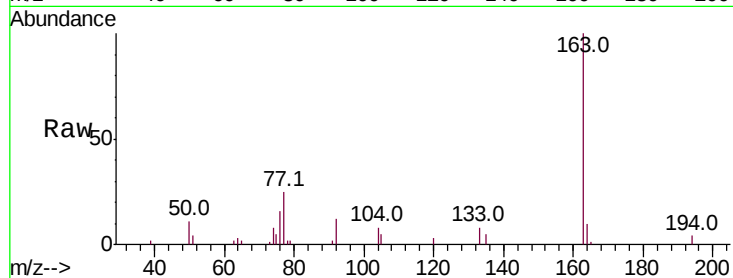
Tot Ion:163 Resp: 35712

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

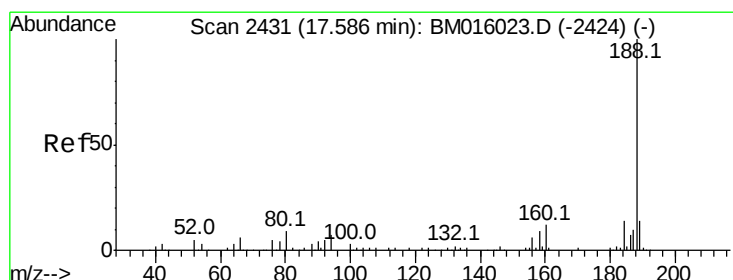
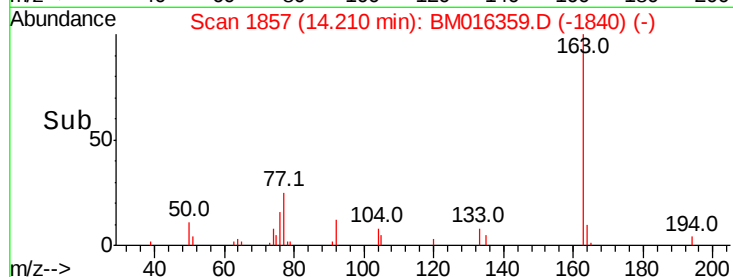
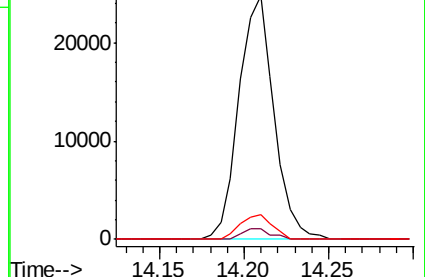
164 10.3 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM016359.D

Acq: 14 Aug 2018 17:49

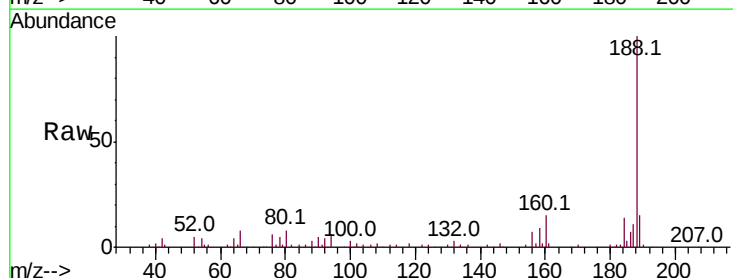
Tgt Ion:188 Resp: 169107

Ion Ratio Lower Upper

188 100

94 6.3 8.7 13.1#

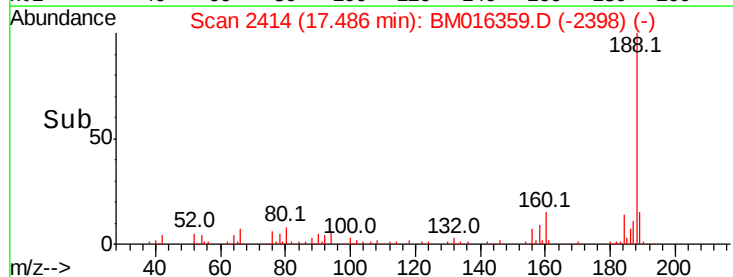
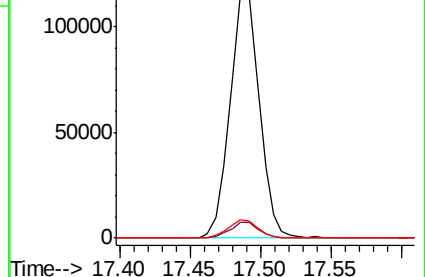
80 7.8 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM016359.D

Acq: 14 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

SALEM-RD-SP

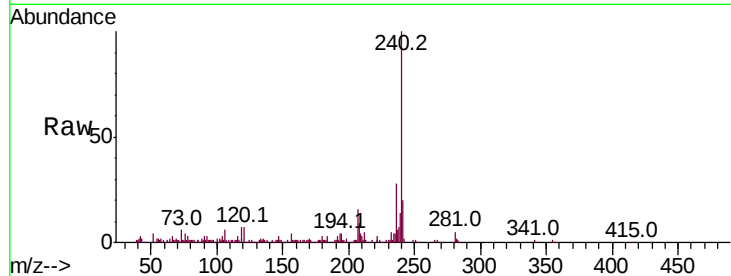
Tot Ion:240 Resp: 133485

Ion Ratio Lower Upper

240 100

120 6.8 8.2 12.2#

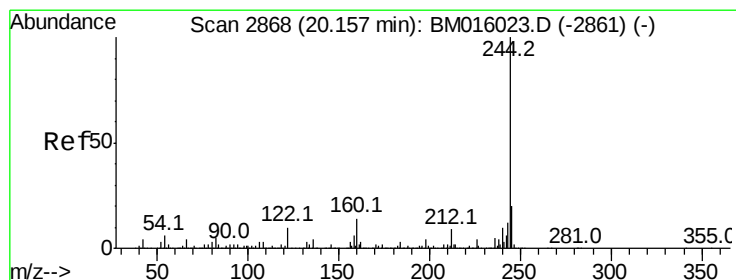
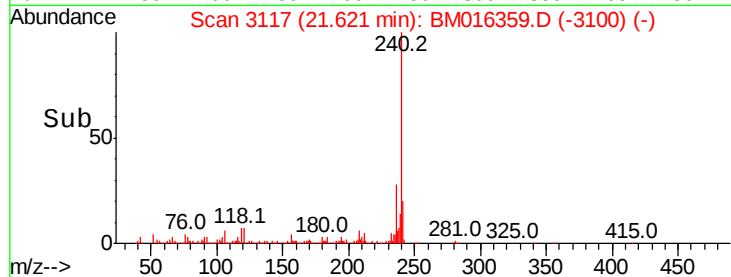
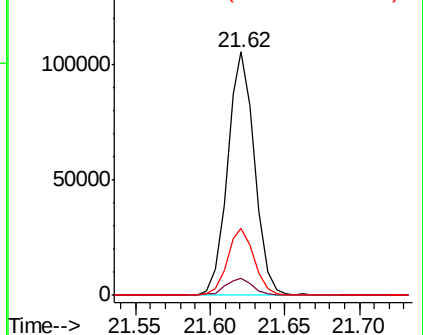
236 27.8 20.0 30.0



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: Below ng

RT: 20.07 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BM016359.D

Acq: 14 Aug 2018 17:49

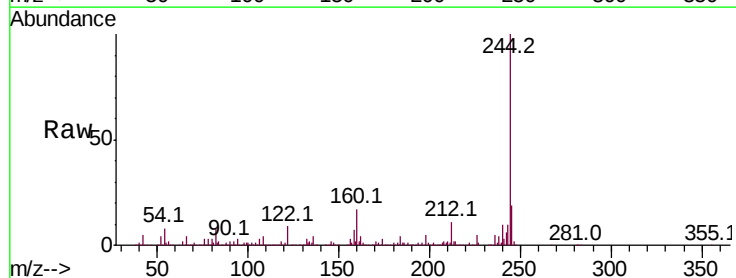
Tgt Ion:244 Resp: 567808

Ion Ratio Lower Upper

244 100

212 10.8 4.9 7.3#

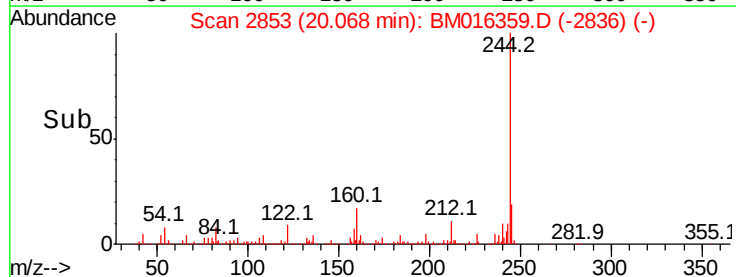
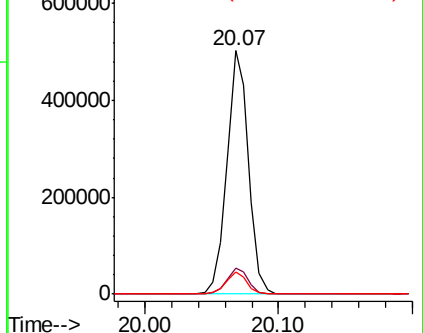
122 8.9 6.2 9.4

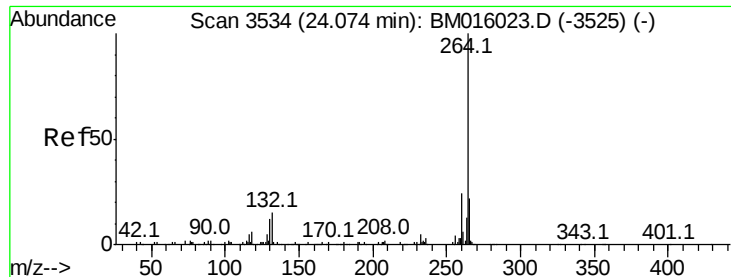


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

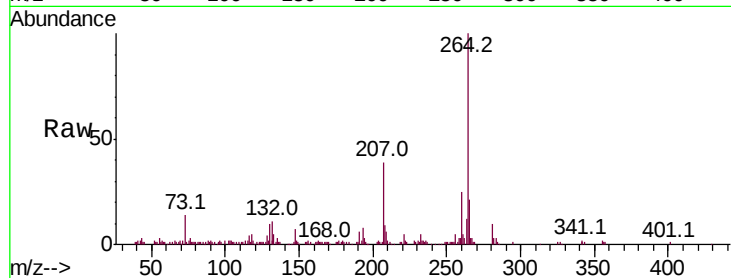




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.95 min Scan# 3513
 Delta R.T. 0.01 min
 Lab File: BM016359.D
 Acq: 14 Aug 2018 17:49

Instrument :
 BNA_M
 ClientSampleId :
 SALEM-RD-SP

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.6	27.8
265	21.2	17.3	25.9



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

