

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
 Data File : BE098424.D
 Acq On : 14 Dec 2018 7:54
 Operator : SJ/JU
 Sample : J6335-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 10:09:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

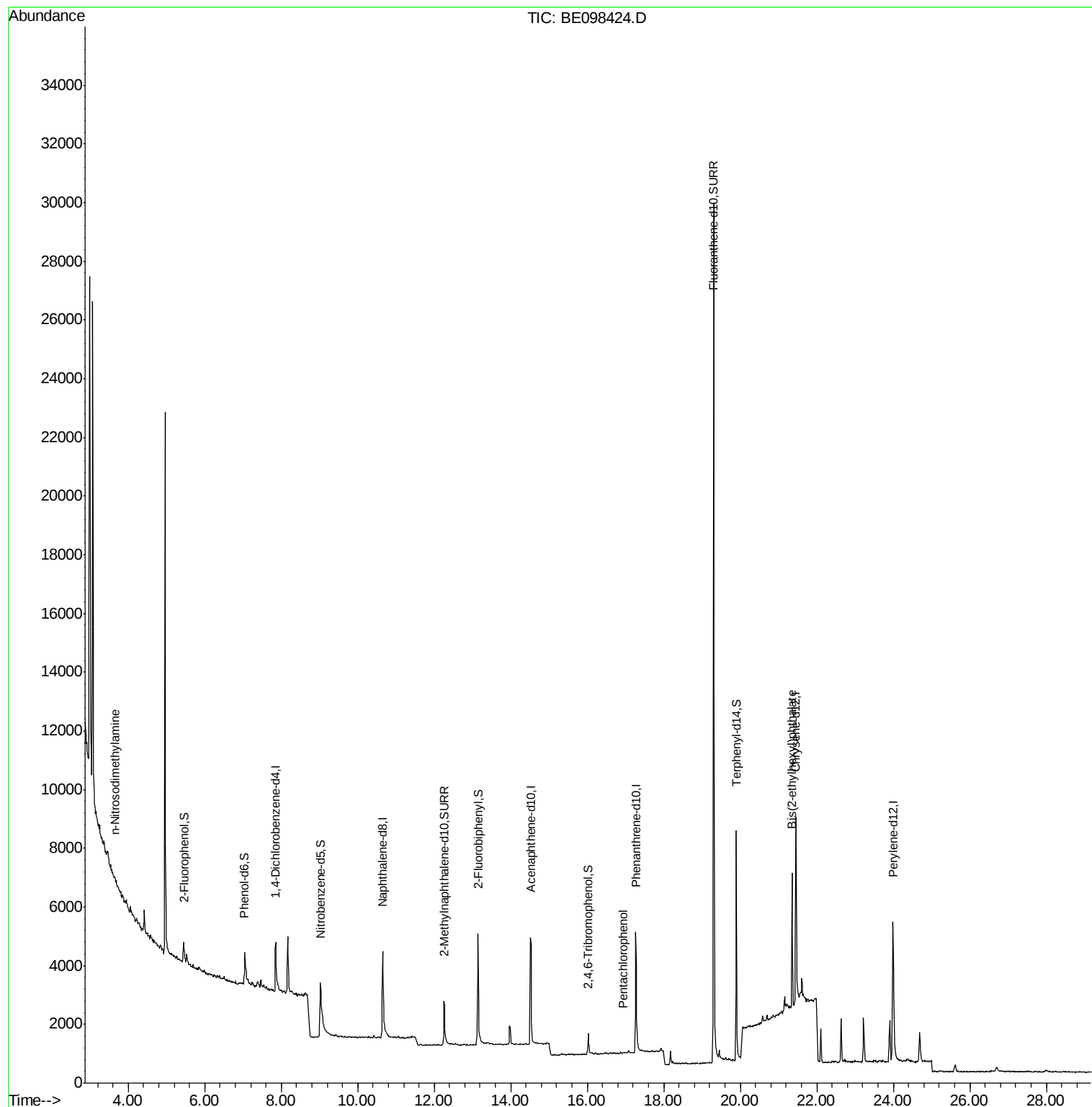
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1028	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	4298	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2782	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	7260	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	8894	0.40	ng	-0.01
34) Perylene-d12	23.99	264	8413	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	538	0.22	ng	0.00
5) Phenol-d6	7.04	99	508	0.15	ng	0.00
8) Nitrobenzene-d5	9.03	82	1555	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2966	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	586	0.57	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4882	0.42	ng	0.00
25) Fluoranthene-d10	19.30	212	43808	0.47	ng	0.00
29) Terphenyl-d14	19.89	244	7610	0.35	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.67	42	53	0.033	ng	# 100
22) Pentachlorophenol	16.94	266	10	0.032	ng	# 76
32) Bis(2-ethylhexyl)phthalate	21.35	149	5465	0.106	ng	# 99

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

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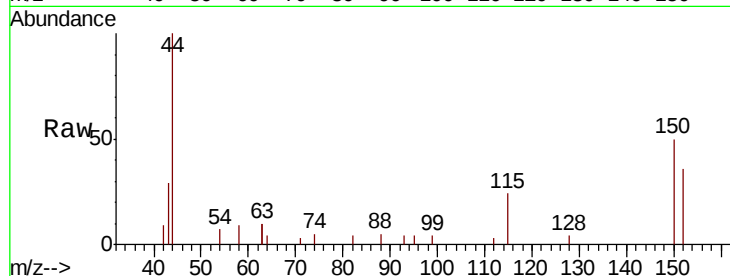


#1

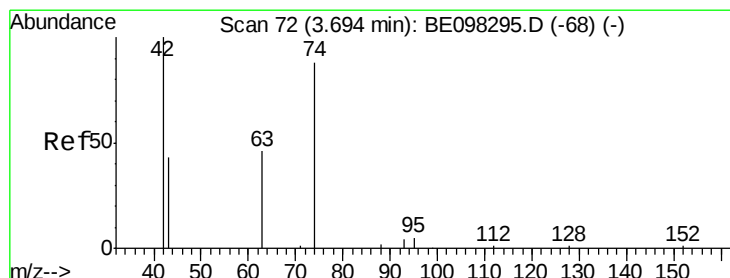
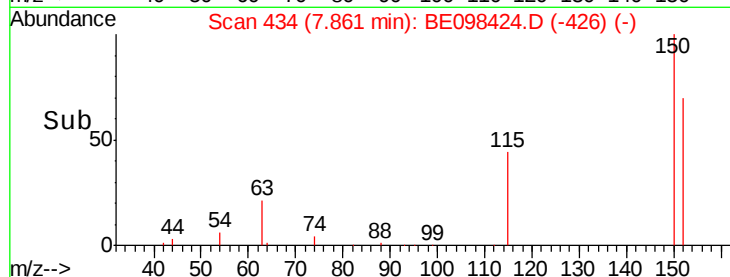
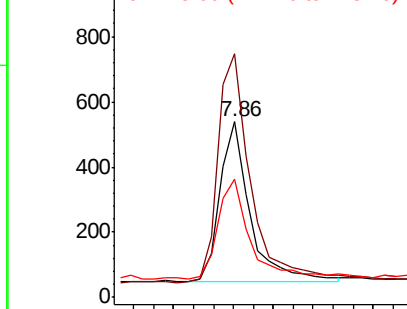
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098424.D
Acq: 14 Dec 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.6	124.2	186.4
115	67.0	53.9	80.9



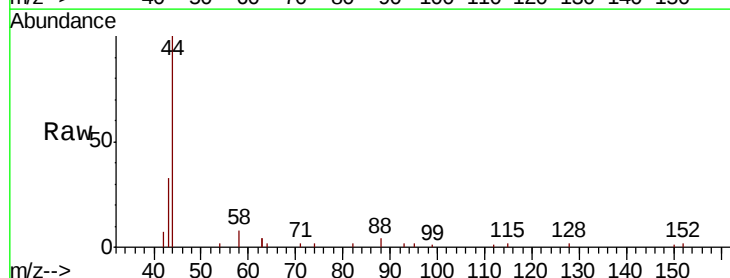
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



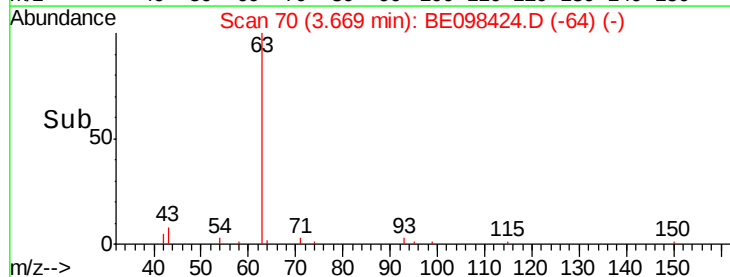
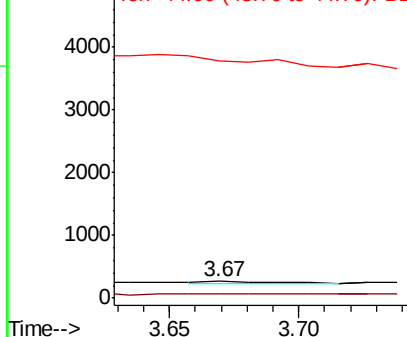
#3

n-Nitrosodimethylamine
Concen: 0.033 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.03 min
Lab File: BE098424.D
Acq: 14 Dec 2018 7:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.224 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098424.D

Acq: 14 Dec 2018 7:54

Instrument :

BNA_F

ClientSampleId :

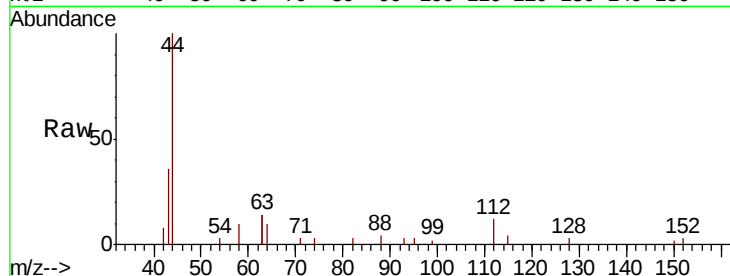
Tot Ion: 112 Resp: 538

Ion Ratio Lower Upper

112 100

64 86.2 59.8 89.8

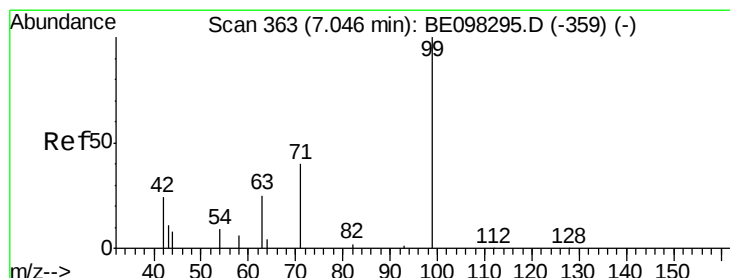
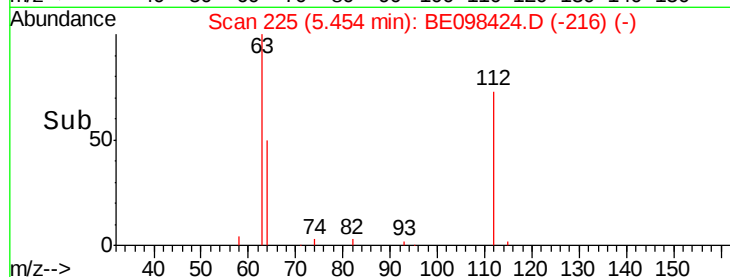
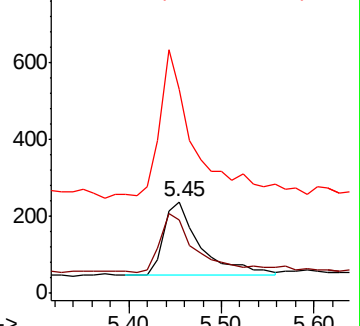
63 194.2 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.149 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098424.D

Acq: 14 Dec 2018 7:54

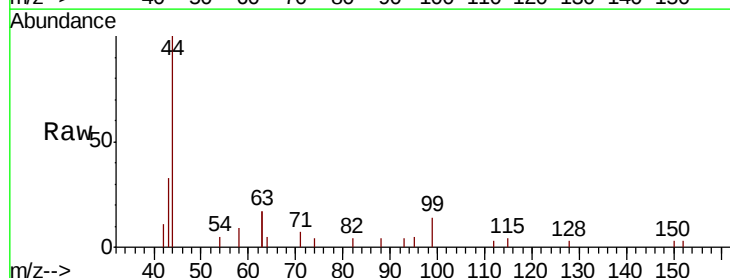
Tgt Ion: 99 Resp: 508

Ion Ratio Lower Upper

99 100

42 44.5 26.3 39.5#

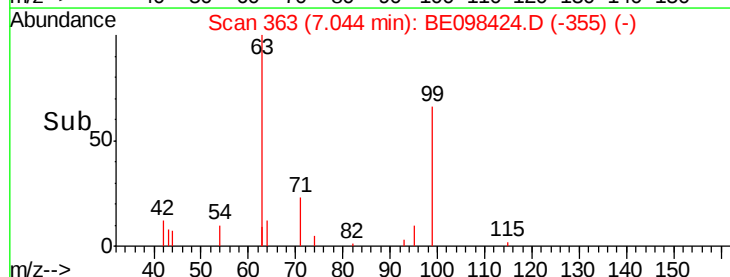
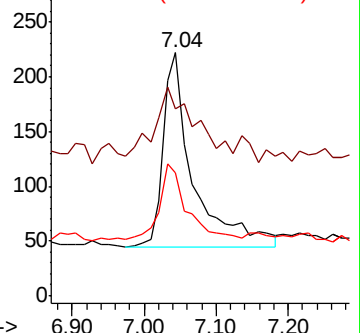
71 36.0 33.6 50.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098424.D

Acq: 14 Dec 2018 7:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 4298

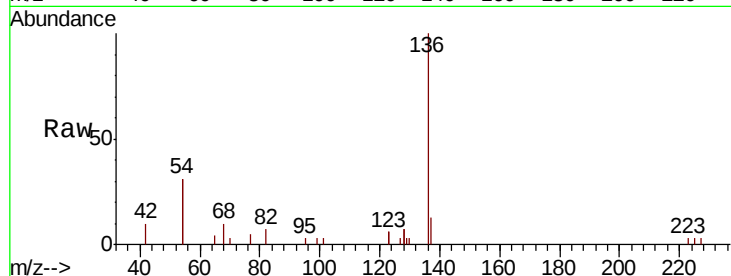
Ion Ratio Lower Upper

136 100

137 13.3 9.2 13.8

54 61.4 28.4 42.6#

68 10.1 5.4 8.0#

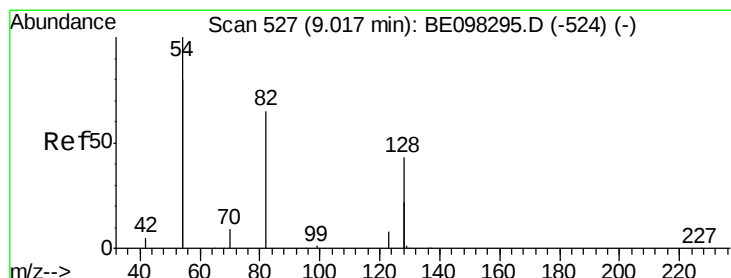
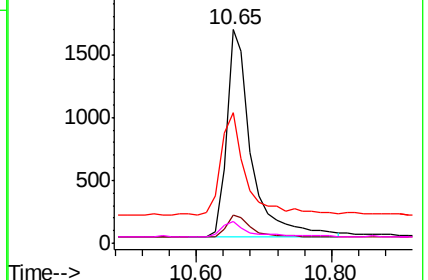
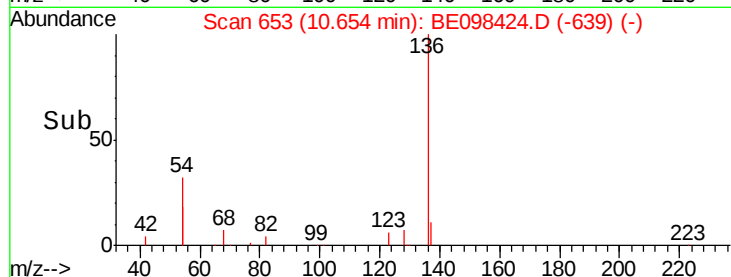


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.397 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098424.D

Acq: 14 Dec 2018 7:54

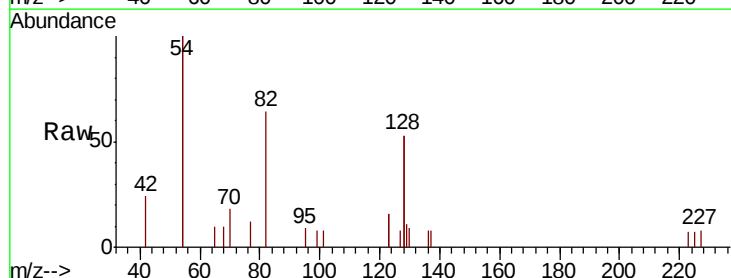
Tgt Ion: 82 Resp: 1555

Ion Ratio Lower Upper

82 100

128 164.9 102.4 153.6#

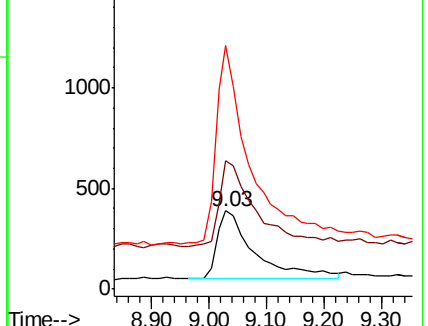
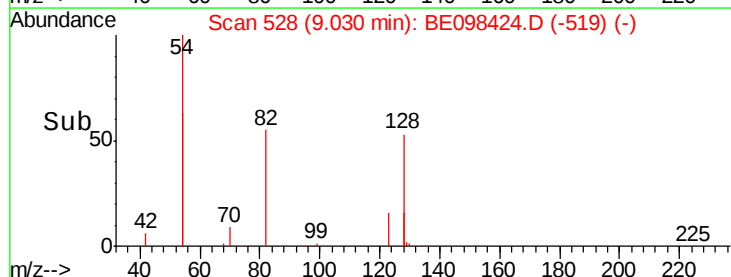
54 311.9 221.8 332.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.424 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098424.D

Acq: 14 Dec 2018 7:54

Instrument :

BNA_F

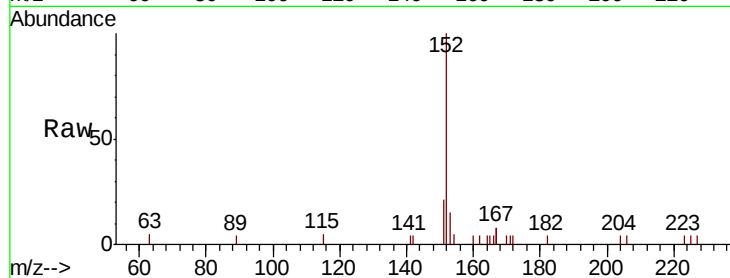
ClientSampleId :

Tot Ion:152 Resp: 2966

Ion Ratio Lower Upper

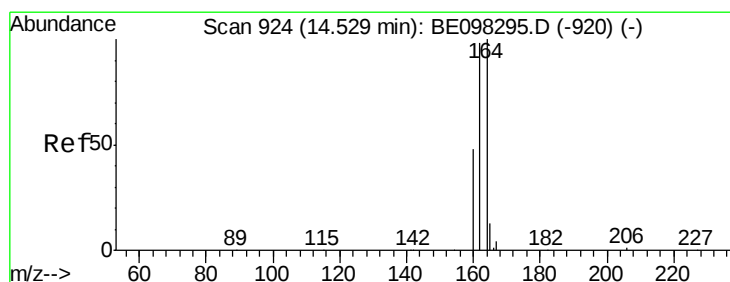
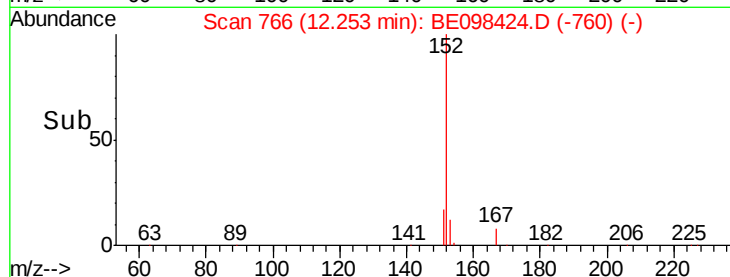
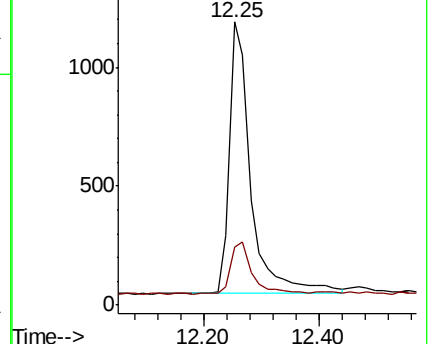
152 100

151 19.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098424.D

Acq: 14 Dec 2018 7:54

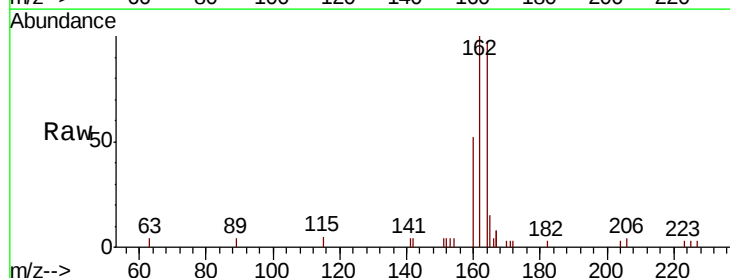
Tgt Ion:164 Resp: 2782

Ion Ratio Lower Upper

164 100

162 102.7 77.6 116.4

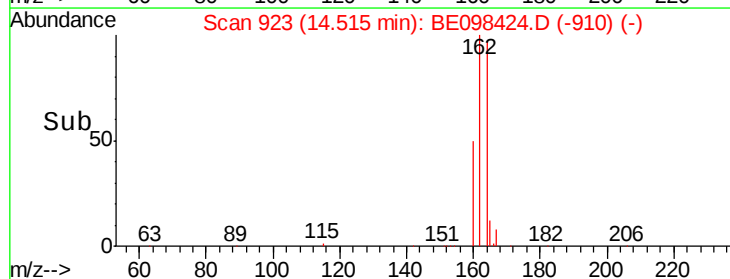
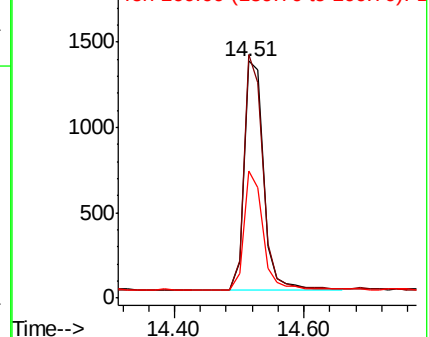
160 53.7 36.0 54.0



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

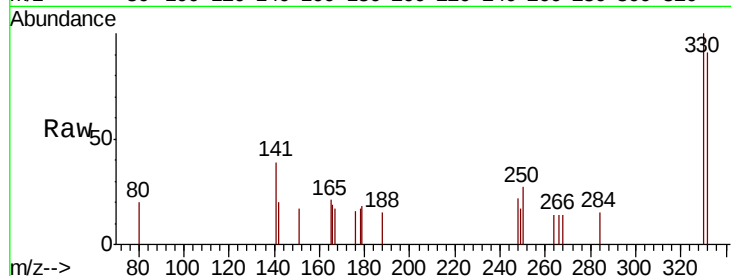




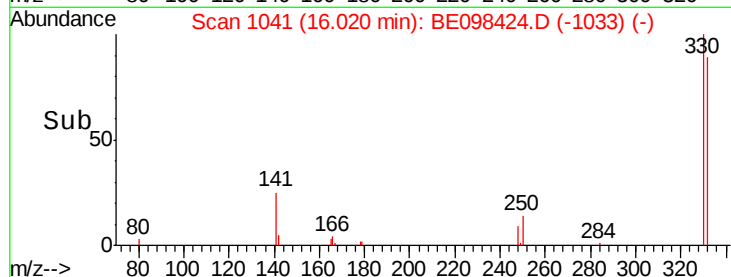
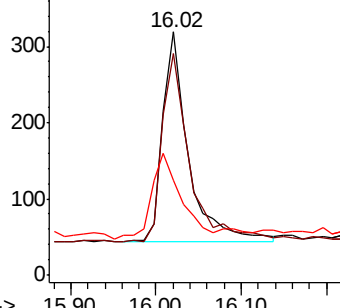
#14
 2,4,6-Tribromophenol
 Concen: 0.574 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098424.D
 Acq: 14 Dec 2018 7:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 586
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.2 114.4
 141 45.9 39.0 58.4

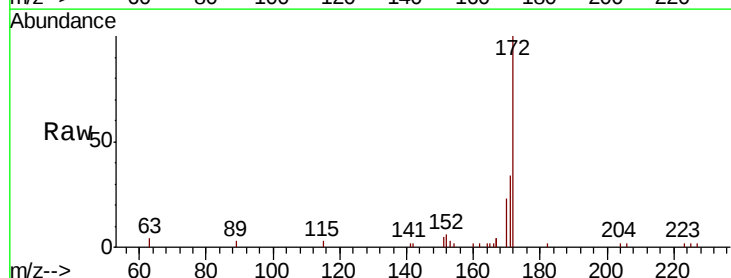


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

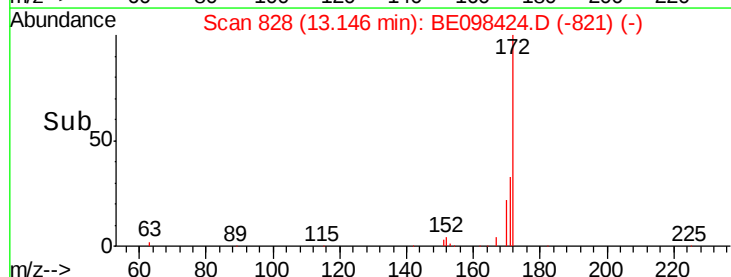
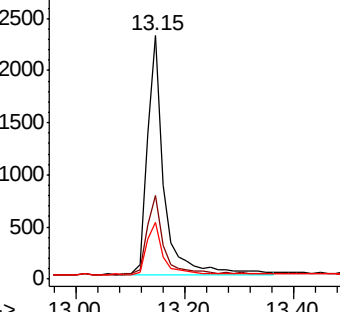


#15
 2-Fluorobiphenyl
 Concen: 0.416 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098424.D
 Acq: 14 Dec 2018 7:54

Tgt Ion:172 Resp: 4882
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.5 41.3
 170 23.4 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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098424.D

Acq: 14 Dec 2018 7:54

Instrument :

BNA_F

ClientSampleId :

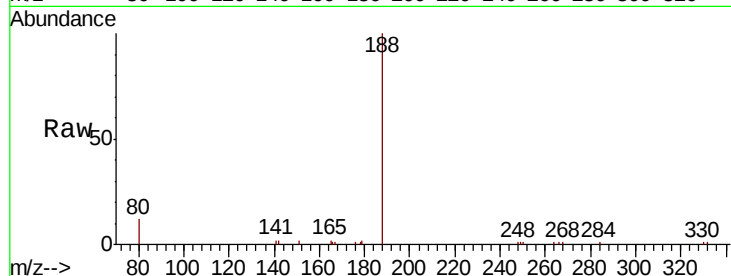
Tot Ion:188 Resp: 7260

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

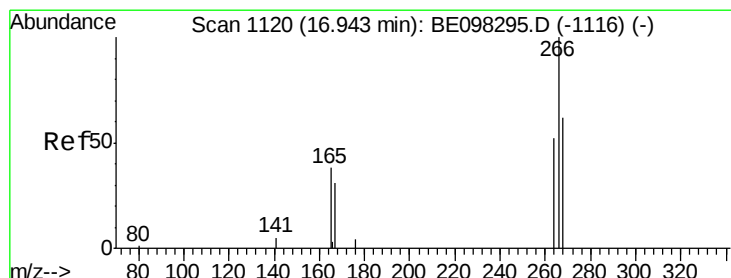
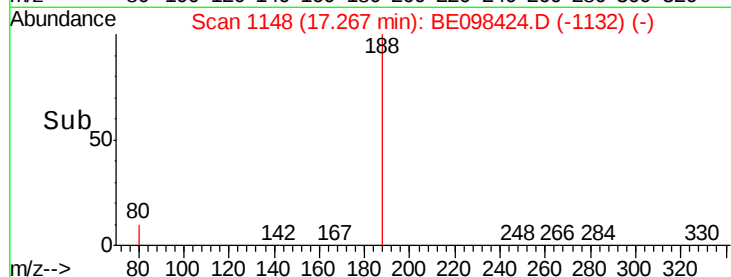
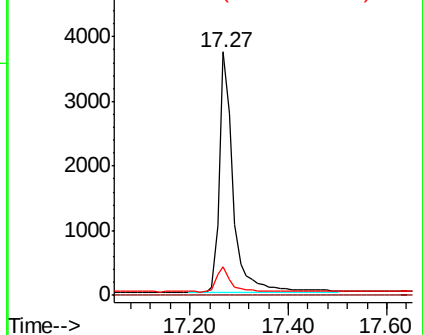
80 11.6 7.2 10.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.032 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098424.D

Acq: 14 Dec 2018 7:54

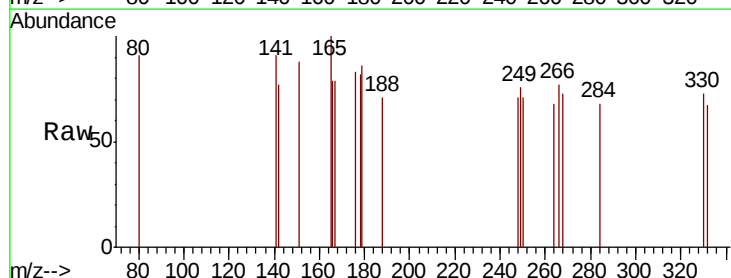
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 88.2 59.0 88.4

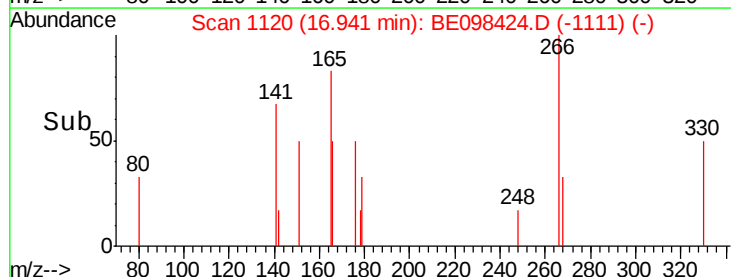
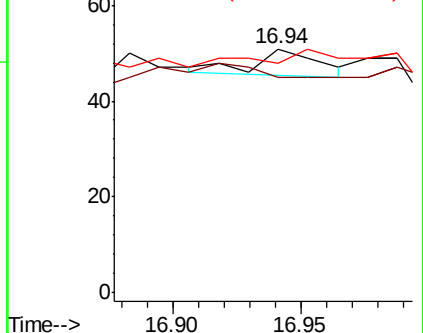
268 94.1 55.1 82.7#

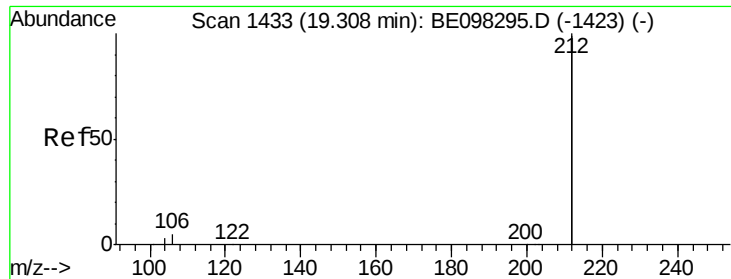


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

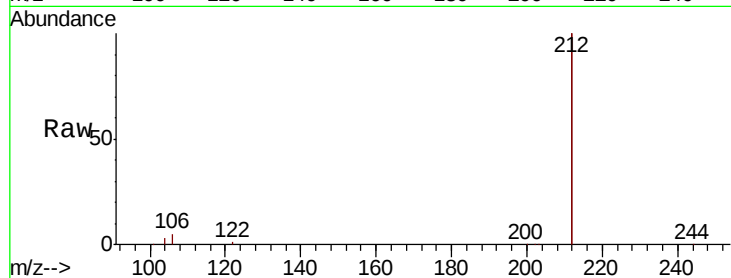




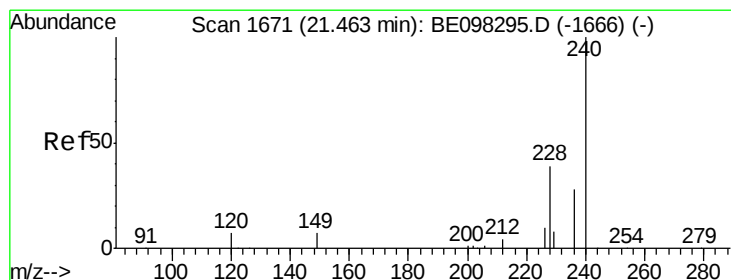
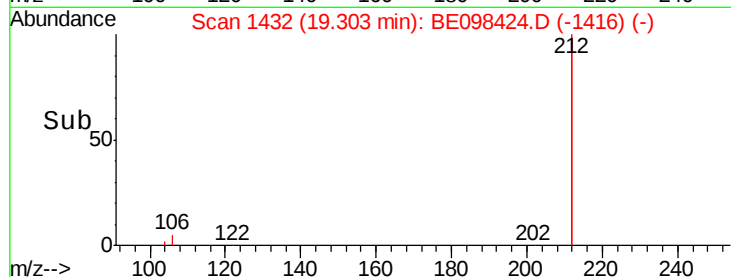
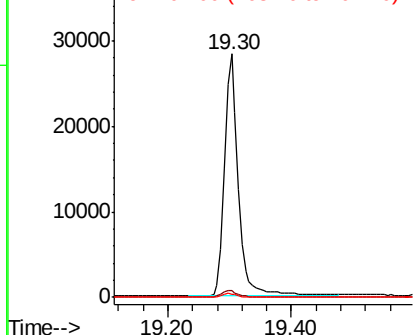
#25
Fluoranthene-d10
Concen: 0.470 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098424.D
Acq: 14 Dec 2018 7:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:212 Resp: 43808
Ion Ratio Lower Upper
212 100
106 2.5 2.2 3.2
104 1.5 1.3 1.9

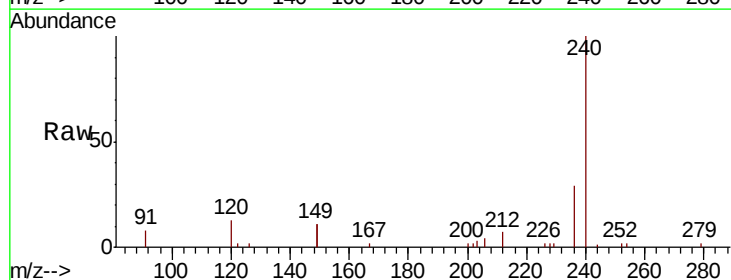


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

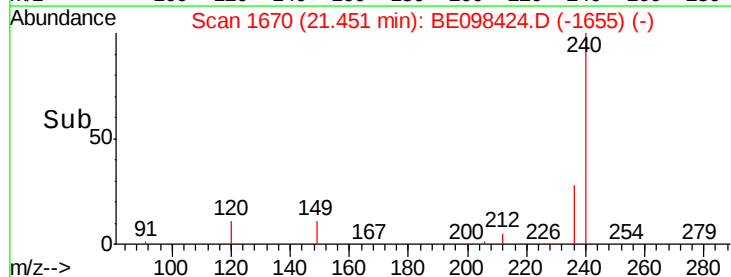
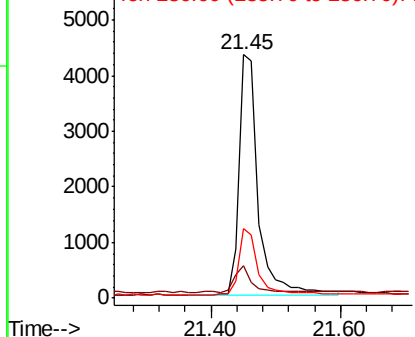


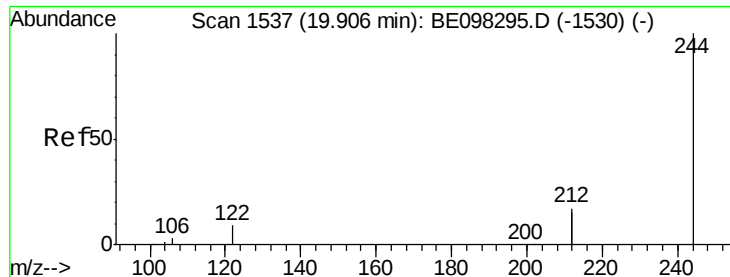
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098424.D
Acq: 14 Dec 2018 7:54

Tgt Ion:240 Resp: 8894
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 28.6 22.7 34.1



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





#29

Terphenyl-d14

Concen: 0.352 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098424.D

Acq: 14 Dec 2018 7:54

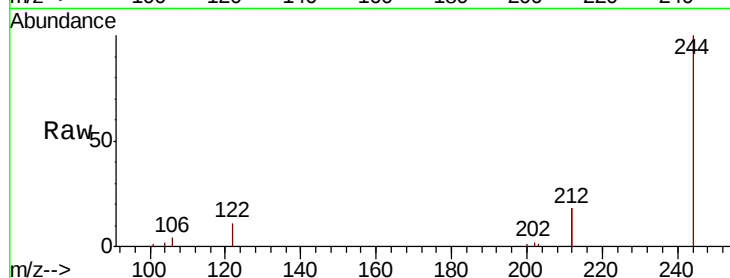
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 7610

Ion	Ratio	Lower	Upper
244	100		
212	36.7	27.4	41.0
122	11.3	8.3	12.5

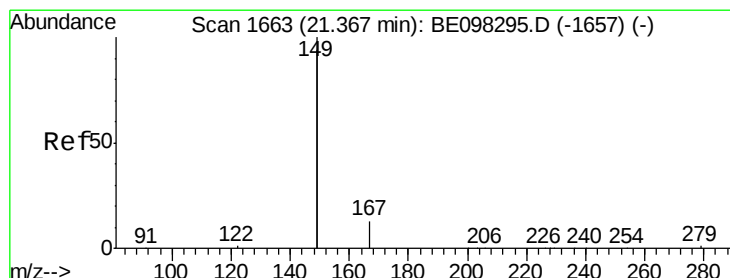
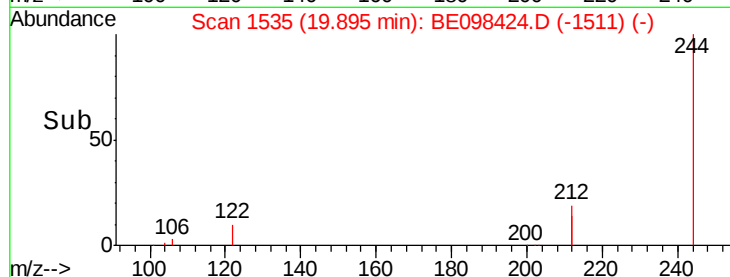
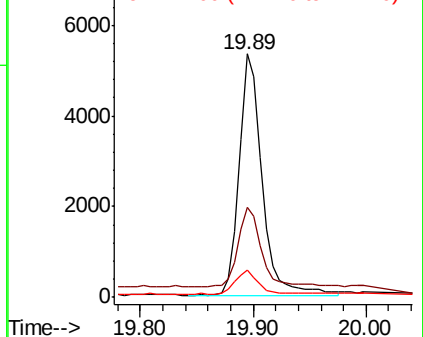


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.106 ng

RT: 21.35 min Scan# 1662

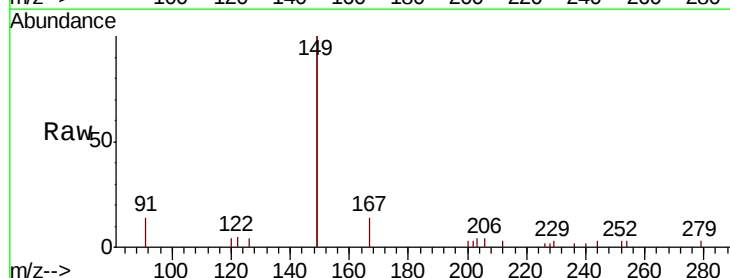
Delta R.T. -0.01 min

Lab File: BE098424.D

Acq: 14 Dec 2018 7:54

Tgt Ion:149 Resp: 5465

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.7	8.5
279	1.7	1.0	1.4#

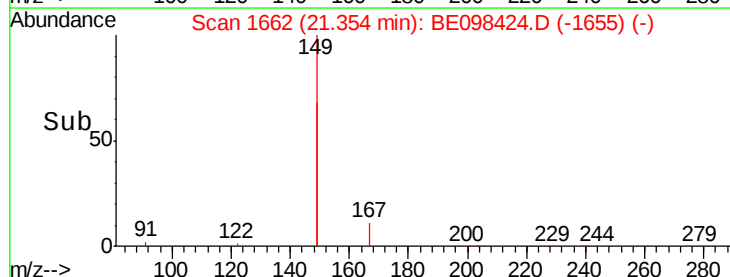
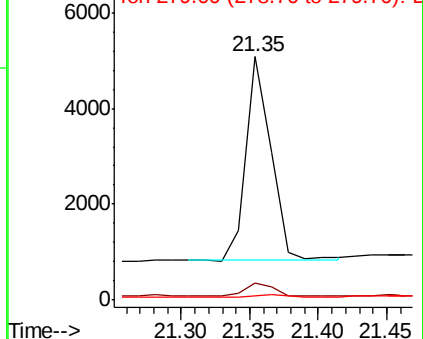


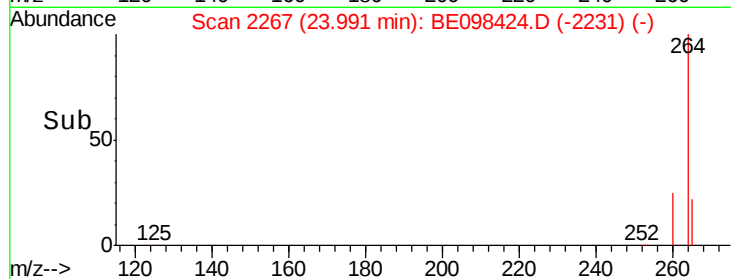
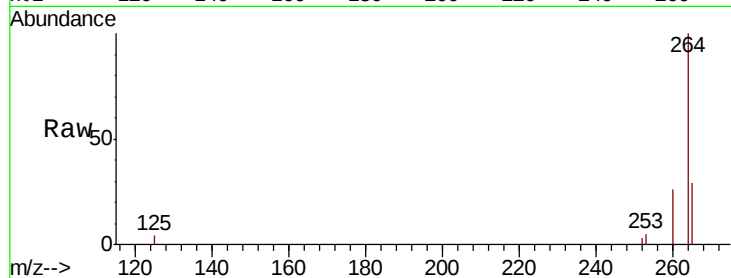
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.99 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BE098424.D

Acq: 14 Dec 2018 7:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 8413

Ion Ratio Lower Upper

264 100

260 26.0 20.2 30.2

265 29.4 25.2 37.8

