

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098355.D
 Acq On : 12 Dec 2018 5:27
 Operator : SJ/JU
 Sample : J6314-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 12 17:26:43 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

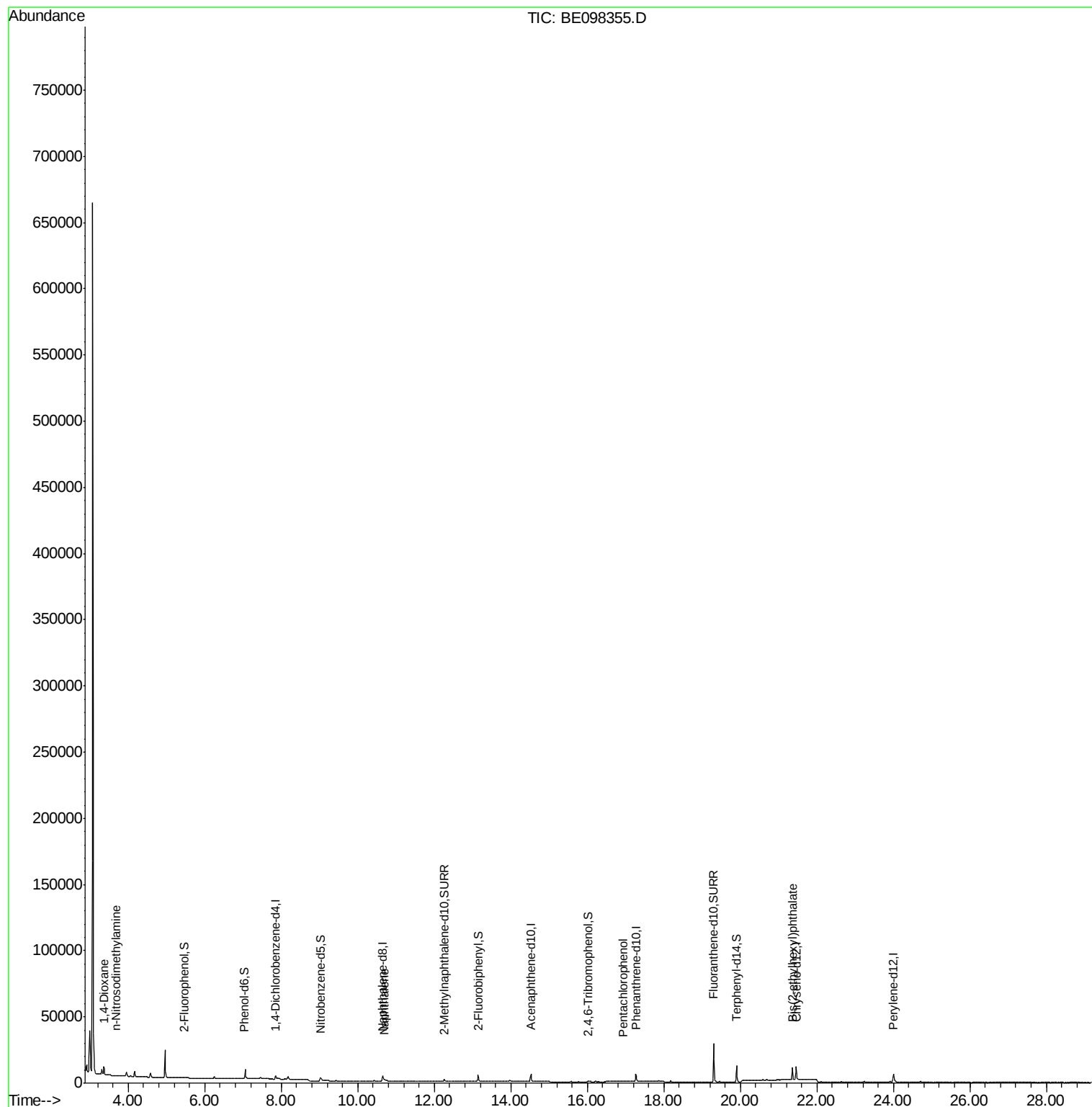
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1325	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	5504	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	3582	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	9437	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	11293	0.40	ng	0.00
34) Perylene-d12	24.00	264	10598	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	403	0.13	ng	0.00
5) Phenol-d6	7.03	99	365	0.08	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1613	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2839	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	468	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5529	0.37	ng	0.00
25) Fluoranthene-d10	19.30	212	42007	0.35	ng	0.00
29) Terphenyl-d14	19.90	244	11629	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	3572	1.559	ng	Qvalue 98
3) n-Nitrosodimethylamine	3.69	42	64	0.031	ng	# 100
9) Naphthalene	10.71	128	1216	0.022	ng	# 80
22) Pentachlorophenol	16.94	266	215	0.261	ng	94
32) Bis(2-ethylhexyl)phthalate	21.37	149	11665	0.179	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
Data File : BE098355.D
Acq On : 12 Dec 2018 5:27
Operator : SJ/JU
Sample : J6314-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 12 17:26:43 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



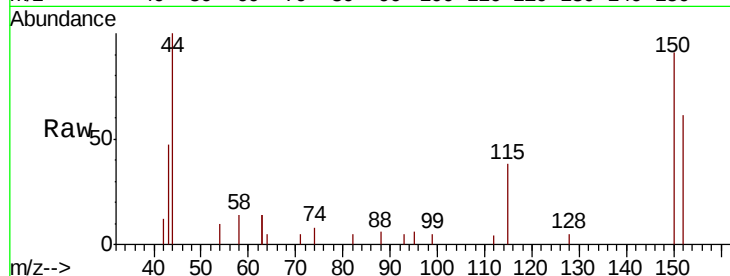


#1

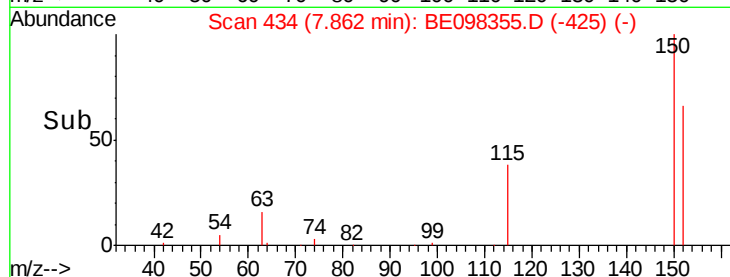
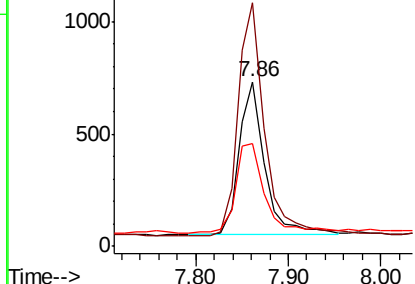
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098355.D
Acq: 12 Dec 2018 5:27

Instrument :
BNA_E
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	124.2	186.4
115	62.5	53.9	80.9



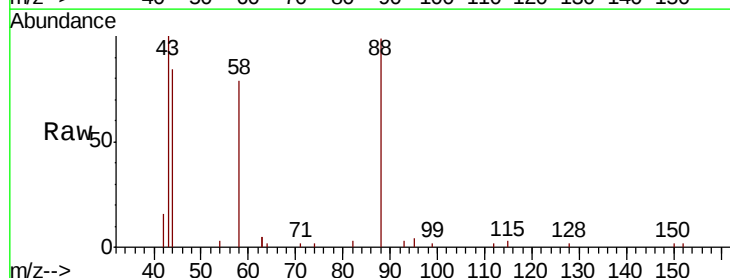
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



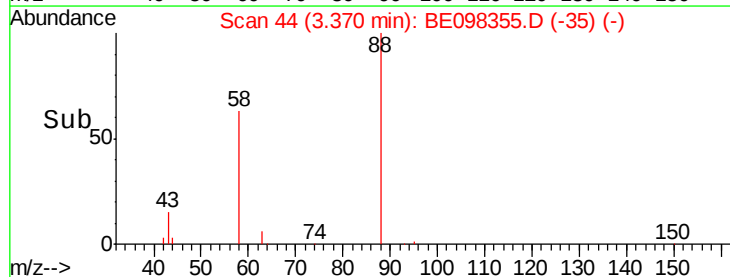
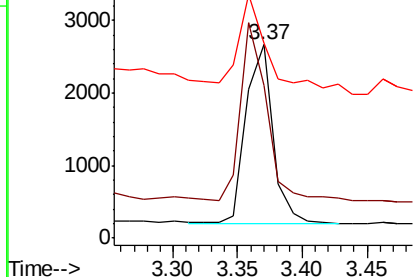
#2

1,4-Dioxane
Concen: 1.559 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098355.D
Acq: 12 Dec 2018 5:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.5	75.0	112.6
43	48.3	38.3	57.5



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



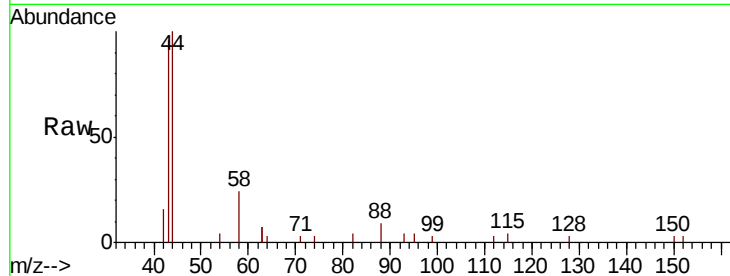


#3

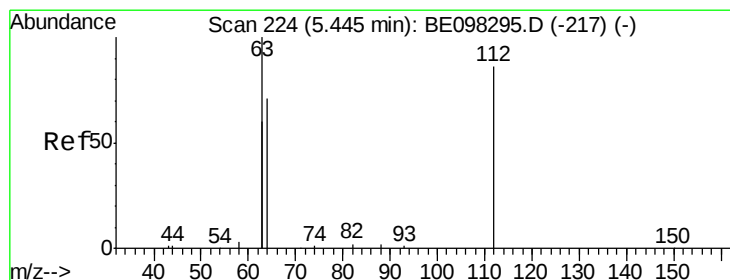
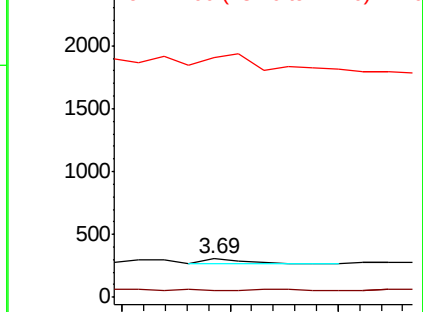
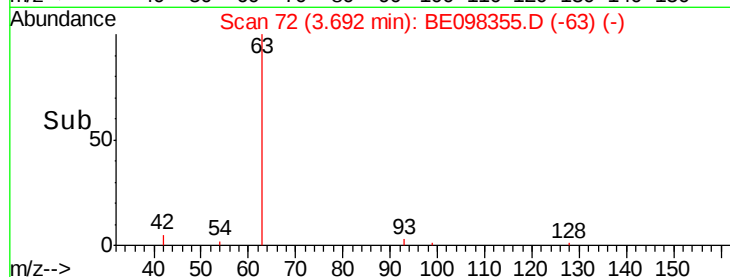
n-Nitrosodimethylamine
 Concen: 0.031 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098355.D
 Acq: 12 Dec 2018 5:27

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	271.9	0.0	0.0#



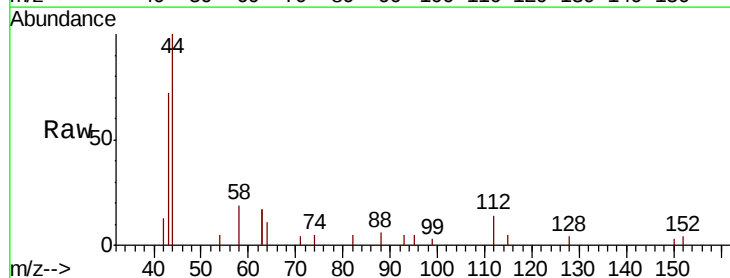
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



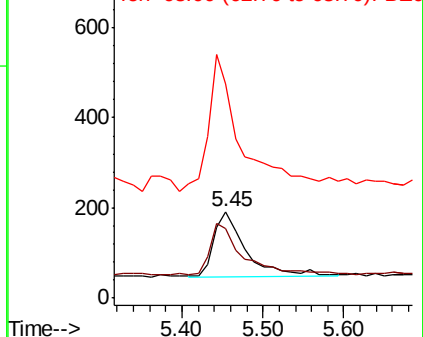
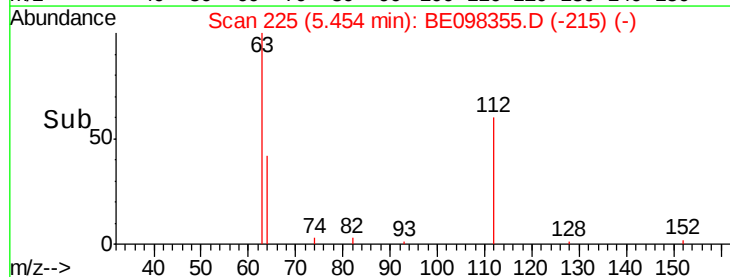
#4

2-Fluorophenol
 Concen: 0.130 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098355.D
 Acq: 12 Dec 2018 5:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	83.9	59.8	89.8
63	212.2	133.7	200.5#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.083 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098355.D

Acq: 12 Dec 2018 5:27

Instrument :

BNA_E

ClientSampleId :

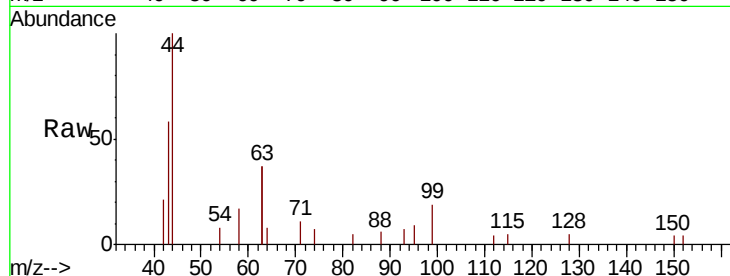
Tot Ion: 99 Resp: 365

Ion Ratio Lower Upper

99 100

42 129.0 26.3 39.5#

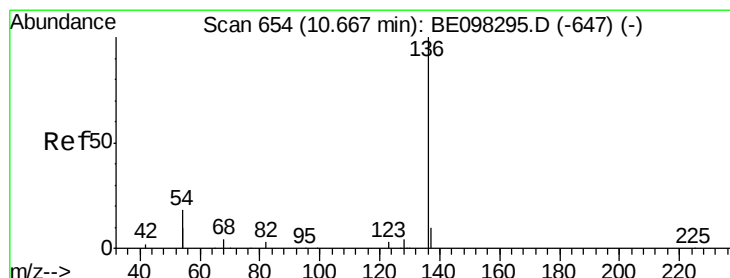
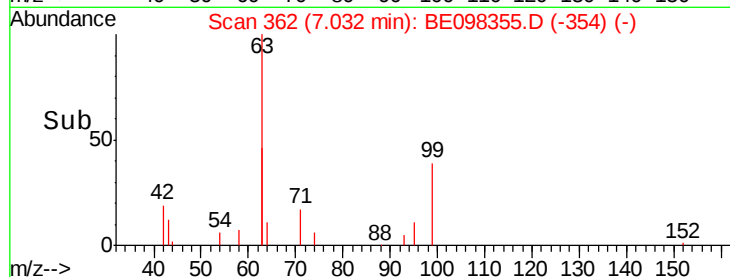
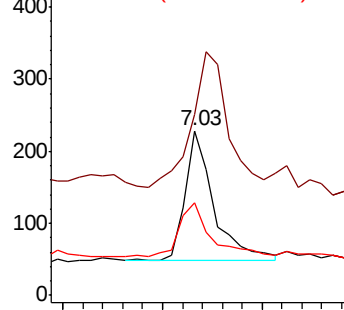
71 44.1 33.6 50.4



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: BE098355.D

Acq: 12 Dec 2018 5:27

Tgt Ion: 136 Resp: 5504

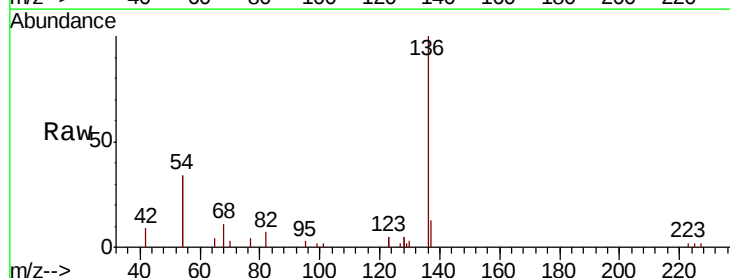
Ion Ratio Lower Upper

136 100

137 12.6 9.2 13.8

54 68.5 28.4 42.6#

68 11.2 5.4 8.0#

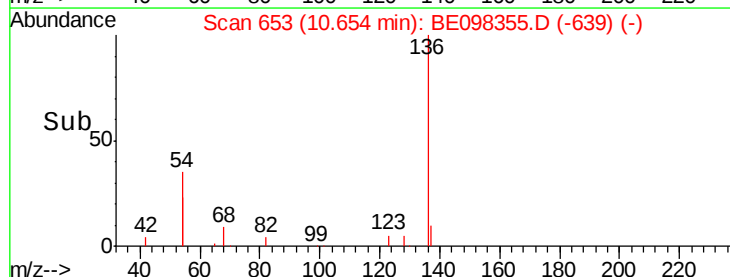
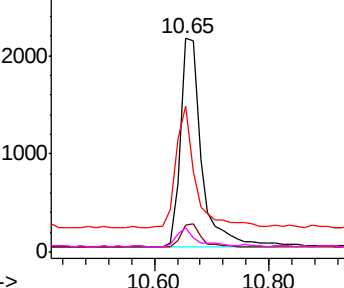


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.322 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098355.D

Acq: 12 Dec 2018 5:27

Instrument :

BNA_E

ClientSampleId :

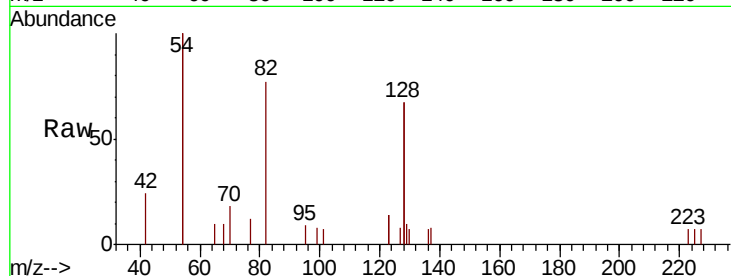
Tot Ion: 82 Resp: 1613

Ion Ratio Lower Upper

82 100

128 174.1 102.4 153.6#

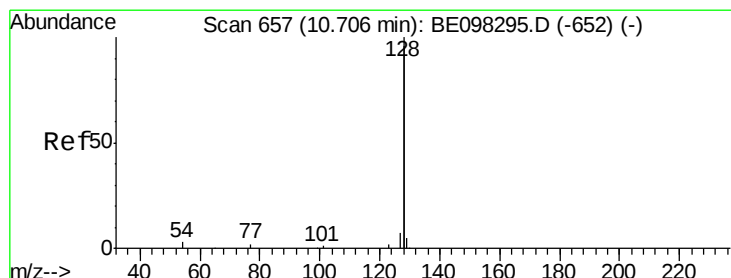
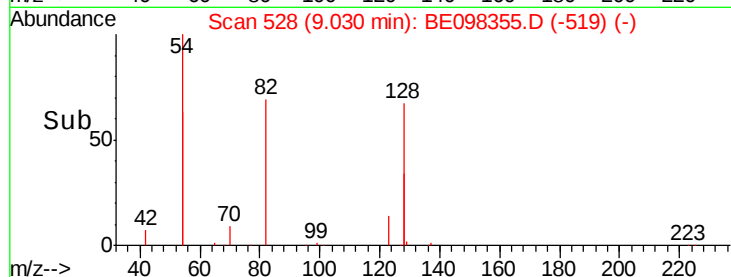
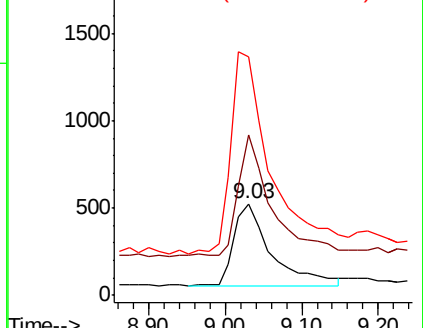
54 259.7 221.8 332.8



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



#9

Naphthalene

Concen: 0.022 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE098355.D

Acq: 12 Dec 2018 5:27

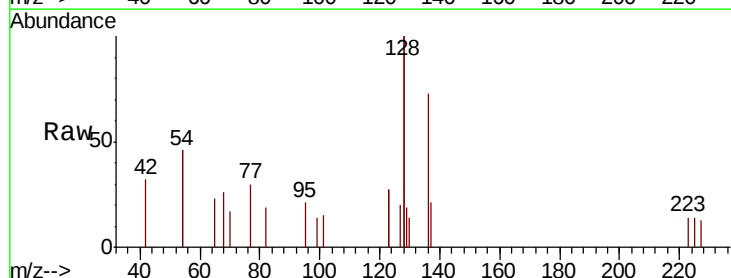
Tgt Ion:128 Resp: 1216

Ion Ratio Lower Upper

128 100

129 9.7 2.5 3.7#

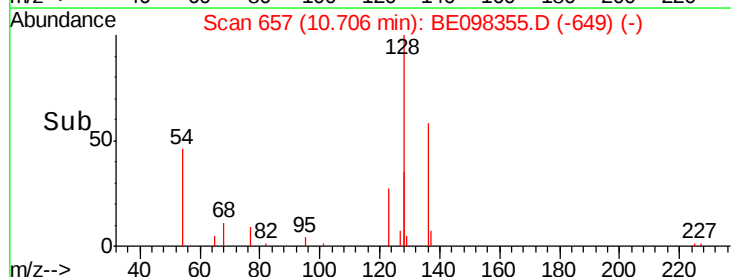
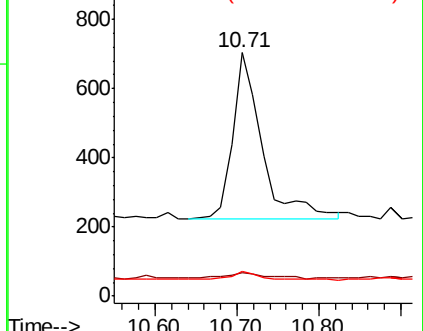
127 10.1 2.7 4.1#

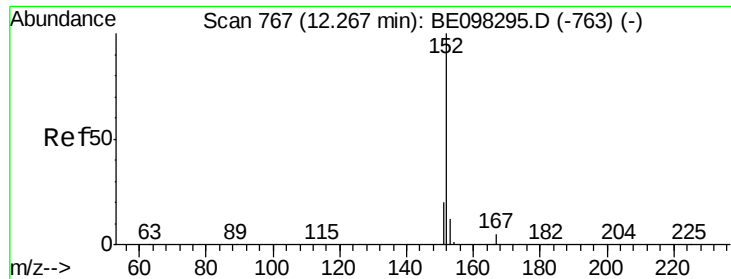


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

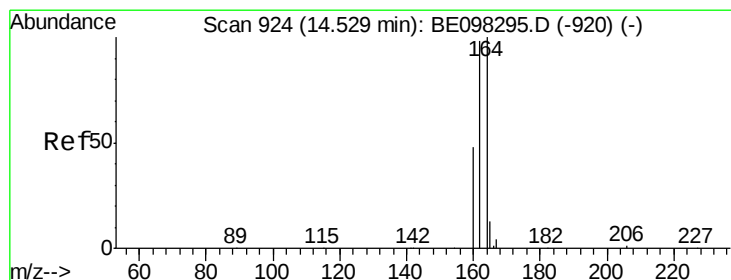
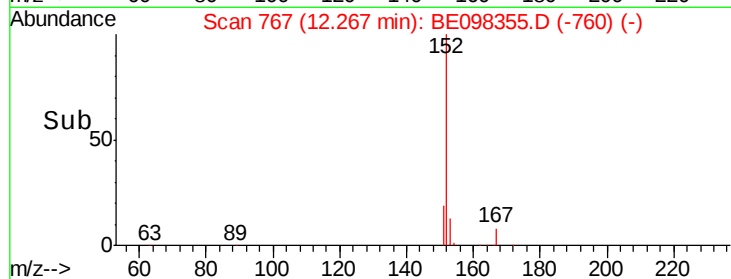
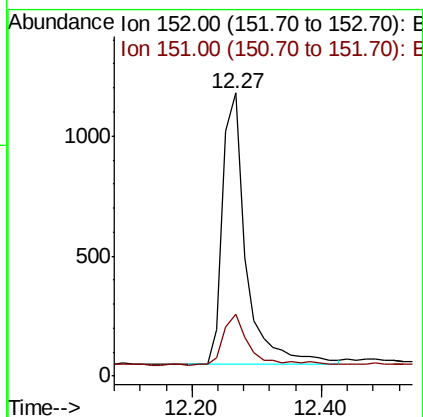
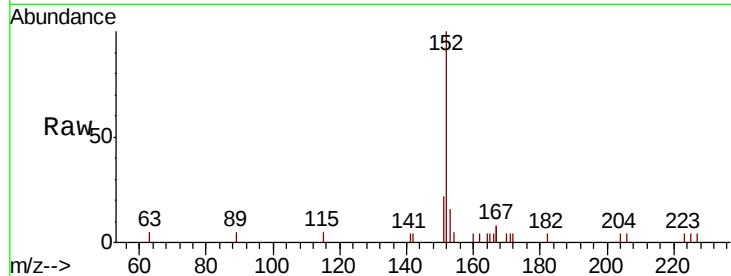




#11
 2-Methylnaphthalene-d10
 Concen: 0.317 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098355.D
 Acq: 12 Dec 2018 5:27

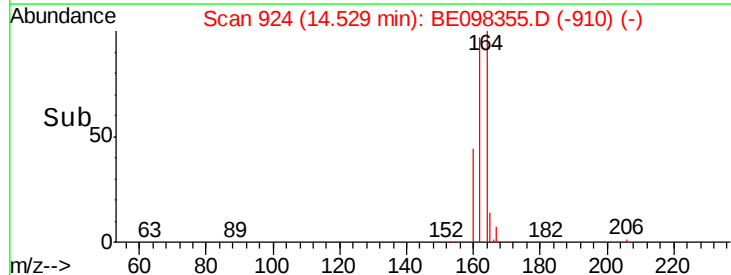
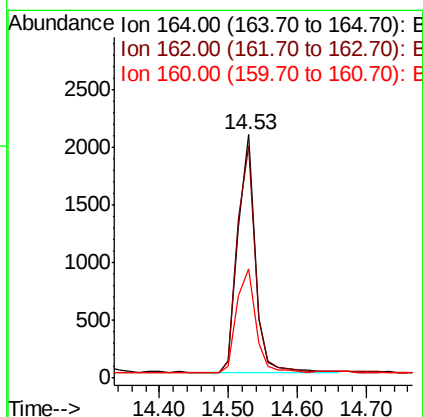
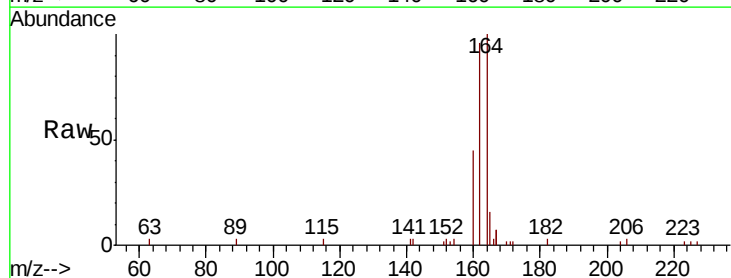
Instrument :
 BNA_E
 ClientSampleId :

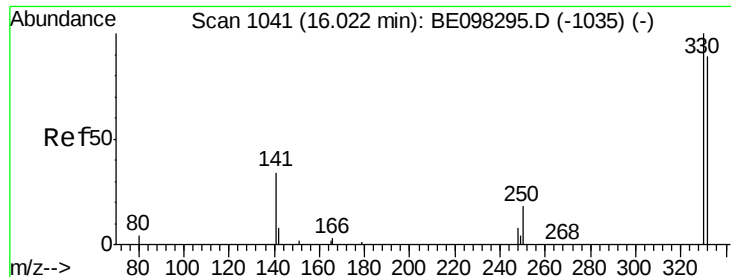
Tot Ion:152 Resp: 2839
 Ion Ratio Lower Upper
 152 100
 151 21.2 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098355.D
 Acq: 12 Dec 2018 5:27

Tgt Ion:164 Resp: 3582
 Ion Ratio Lower Upper
 164 100
 162 95.6 77.6 116.4
 160 45.0 36.0 54.0

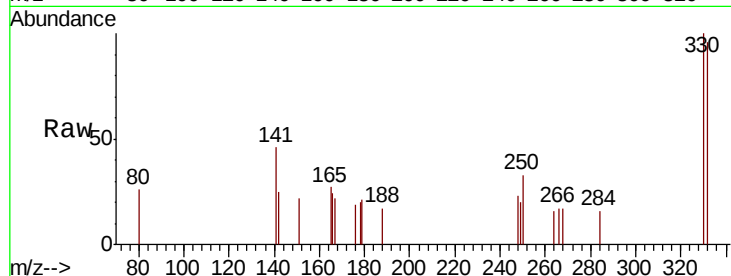




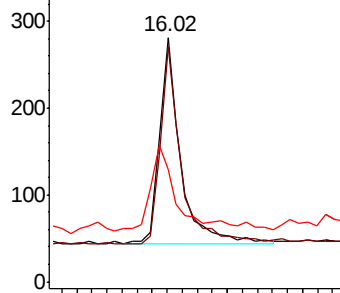
#14
 2,4,6-Tribromophenol
 Concen: 0.356 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098355.D
 Acq: 12 Dec 2018 5:27

Instrument :
 BNA_E
 ClientSampleId :

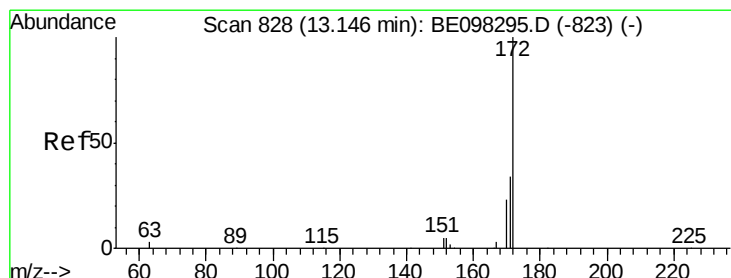
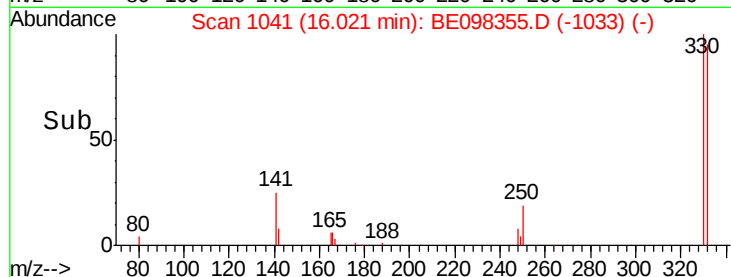
Tot Ion:330 Resp: 468
 Ion Ratio Lower Upper
 330 100
 332 93.6 76.2 114.4
 141 49.4 39.0 58.4



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

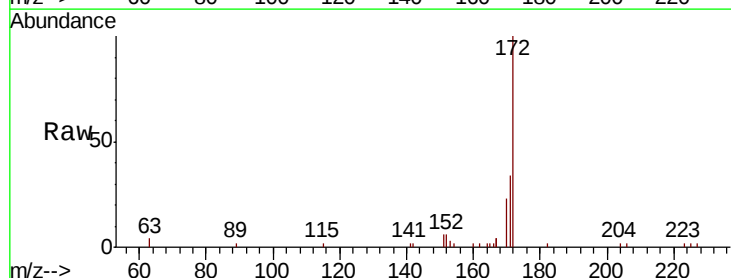


Time-->

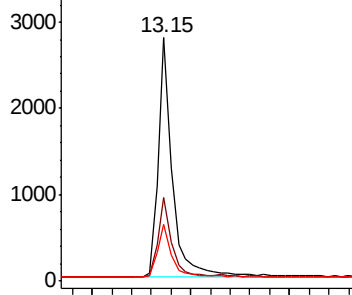


#15
 2-Fluorobiphenyl
 Concen: 0.366 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098355.D
 Acq: 12 Dec 2018 5:27

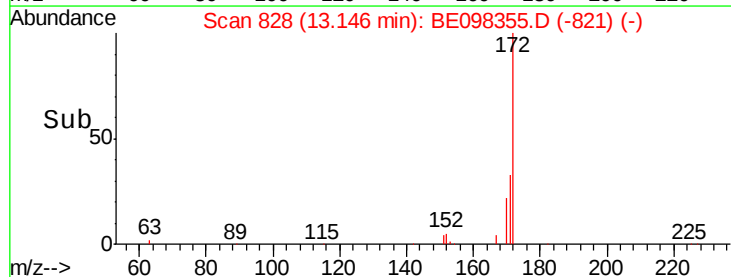
Tgt Ion:172 Resp: 5529
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.5 41.3
 170 23.0 19.6 29.4

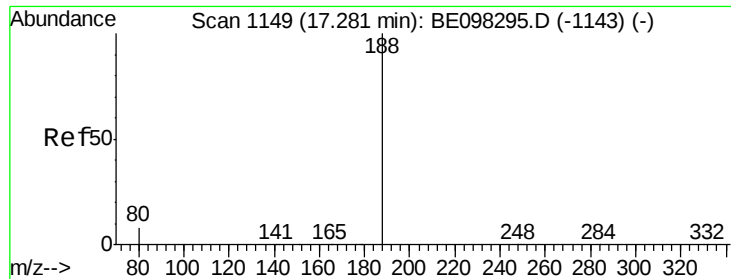


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098355.D

Acq: 12 Dec 2018 5:27

Instrument :

BNA_E

ClientSampleId :

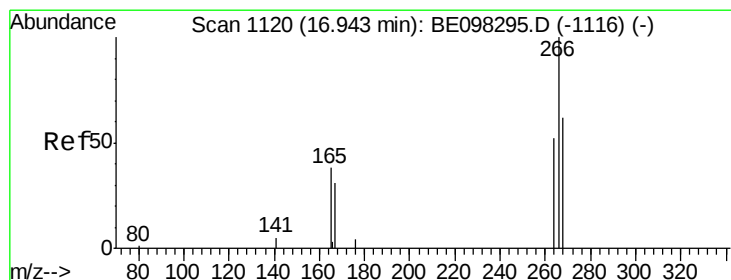
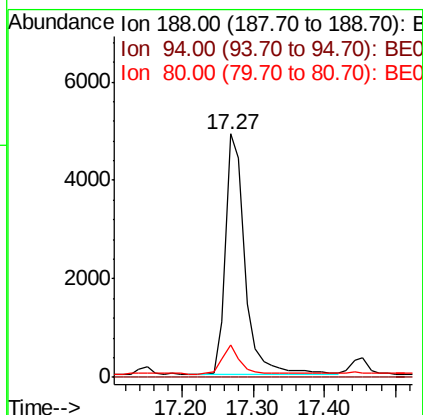
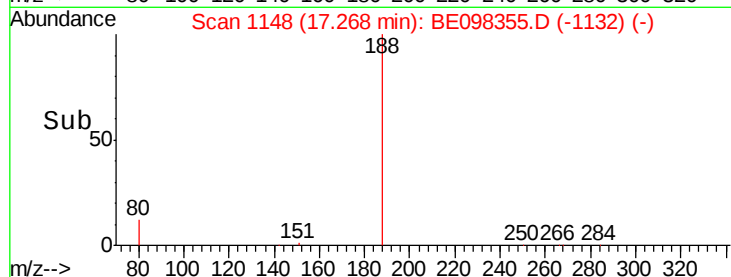
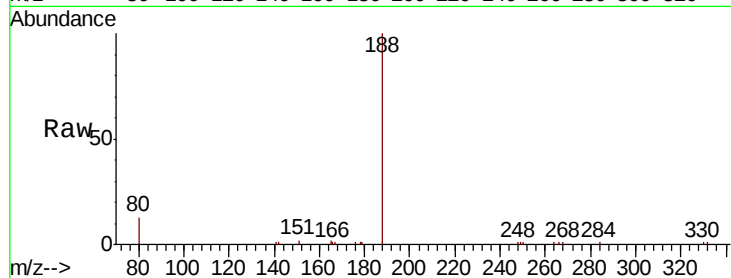
Tot Ion:188 Resp: 9437

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.3 7.2 10.8#



#22

Pentachlorophenol

Concen: 0.261 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098355.D

Acq: 12 Dec 2018 5:27

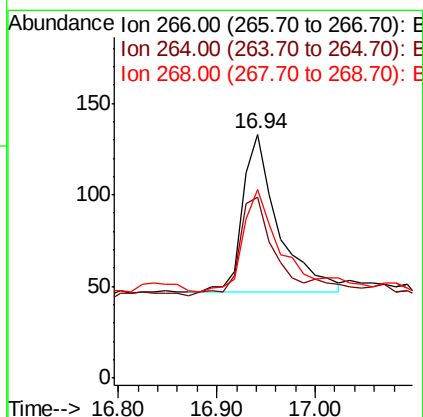
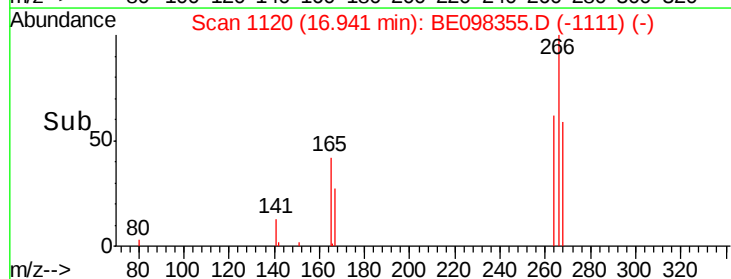
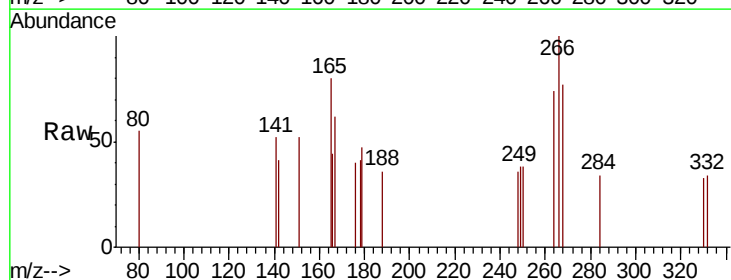
Tgt Ion:266 Resp: 215

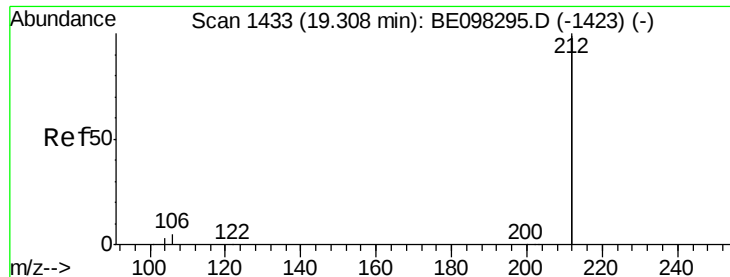
Ion Ratio Lower Upper

266 100

264 74.4 59.0 88.4

268 77.4 55.1 82.7





#25

Fluoranthene-d10

Concen: 0.347 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098355.D

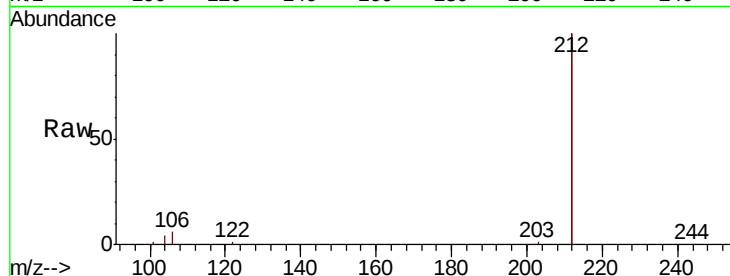
Acq: 12 Dec 2018 5:27

Instrument :

BNA_E

ClientSampleId :

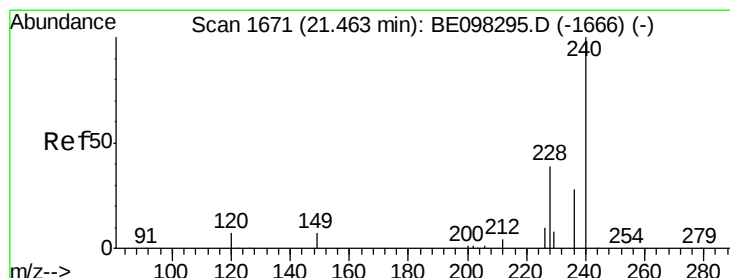
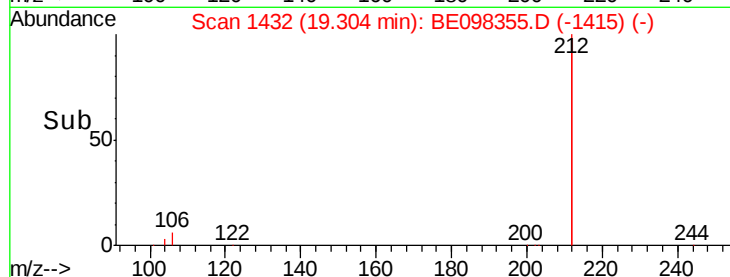
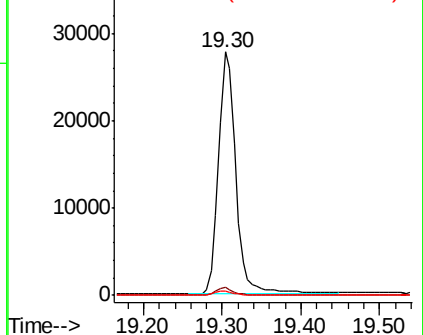
Tot Ion:212	Resp:	42007
Ion Ratio	Lower	Upper
212 100		
106 2.7	2.2	3.2
104 1.6	1.3	1.9



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

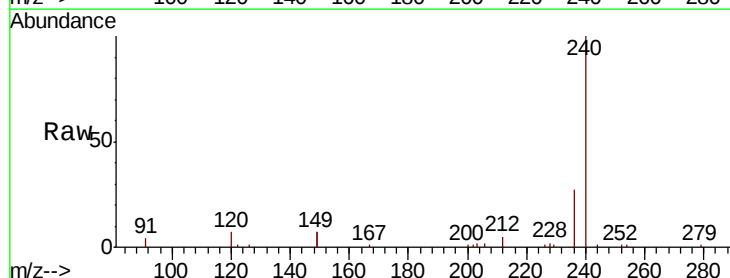
RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098355.D

Acq: 12 Dec 2018 5:27

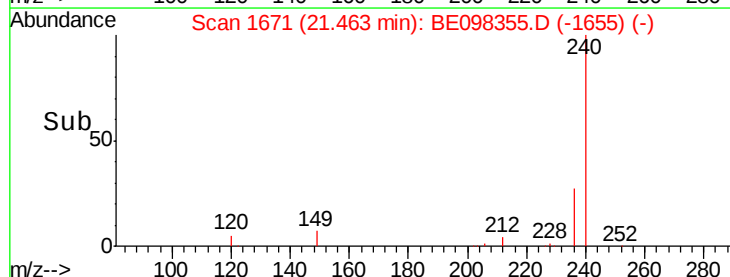
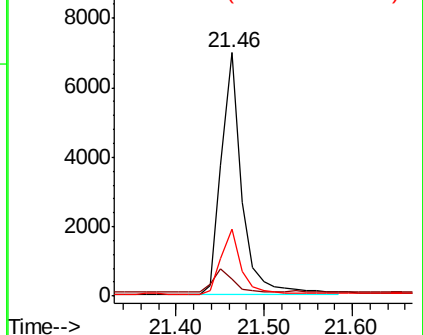
Tgt Ion:240	Resp:	11293
Ion Ratio	Lower	Upper
240 100		
120 6.9	9.5	14.3#
236 27.3	22.7	34.1

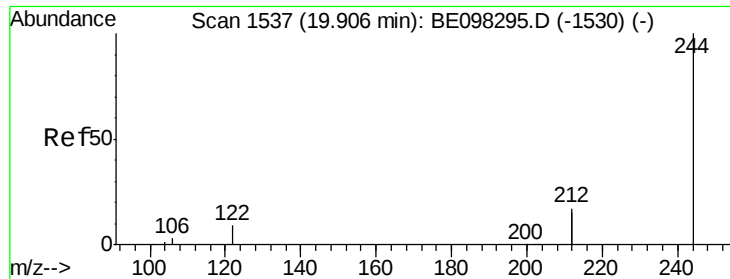


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.424 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098355.D

Acq: 12 Dec 2018 5:27

Instrument :

BNA_E

ClientSampled :

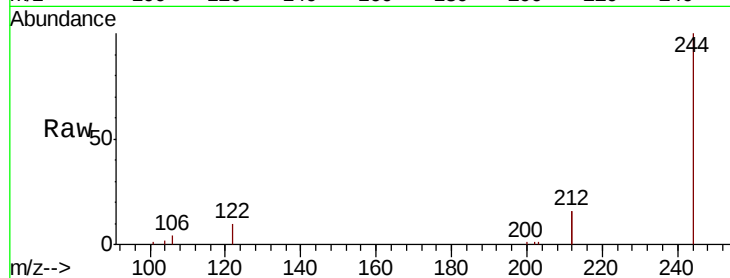
Tot Ion:244 Resp: 11629

Ion Ratio Lower Upper

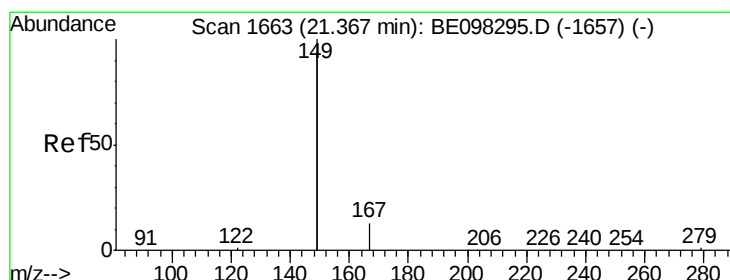
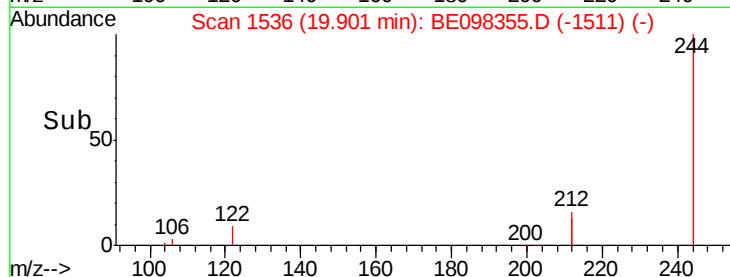
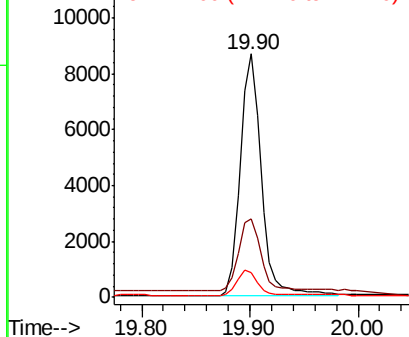
244 100

212 32.3 27.4 41.0

122 10.0 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: 0.179 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098355.D

Acq: 12 Dec 2018 5:27

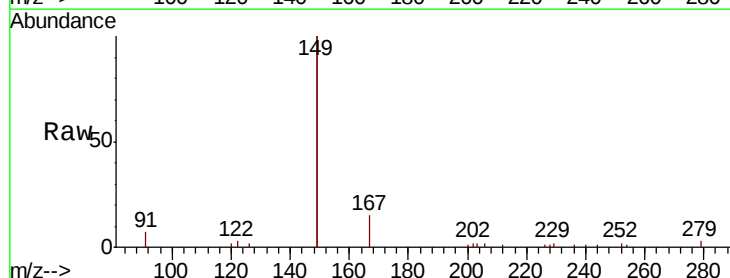
Tgt Ion:149 Resp: 11665

Ion Ratio Lower Upper

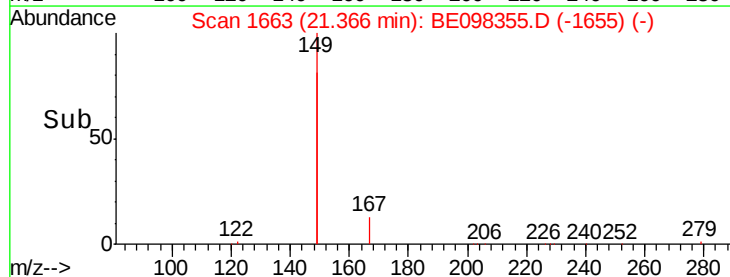
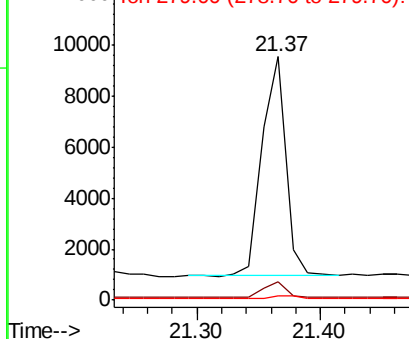
149 100

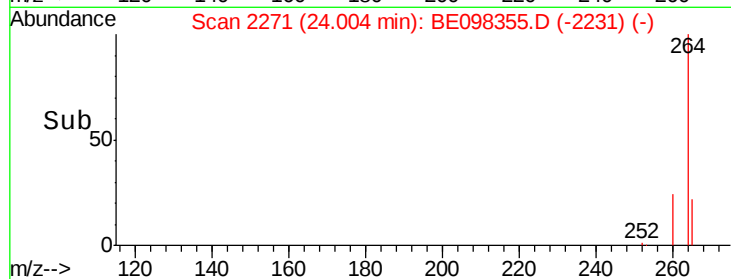
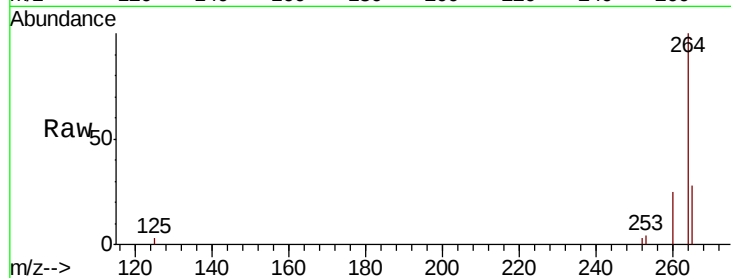
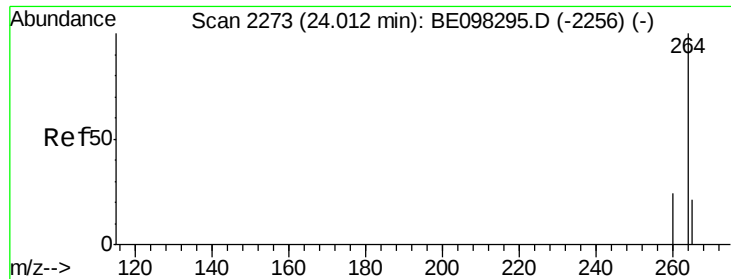
167 6.8 5.7 8.5

279 1.2 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: 24.00 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098355.D
 Acq: 12 Dec 2018 5:27

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.2
265	28.1	25.2	37.8

