

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098342.D
 Acq On : 11 Dec 2018 20:48
 Operator : SJ/JU
 Sample : J6288-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 12 17:24:21 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

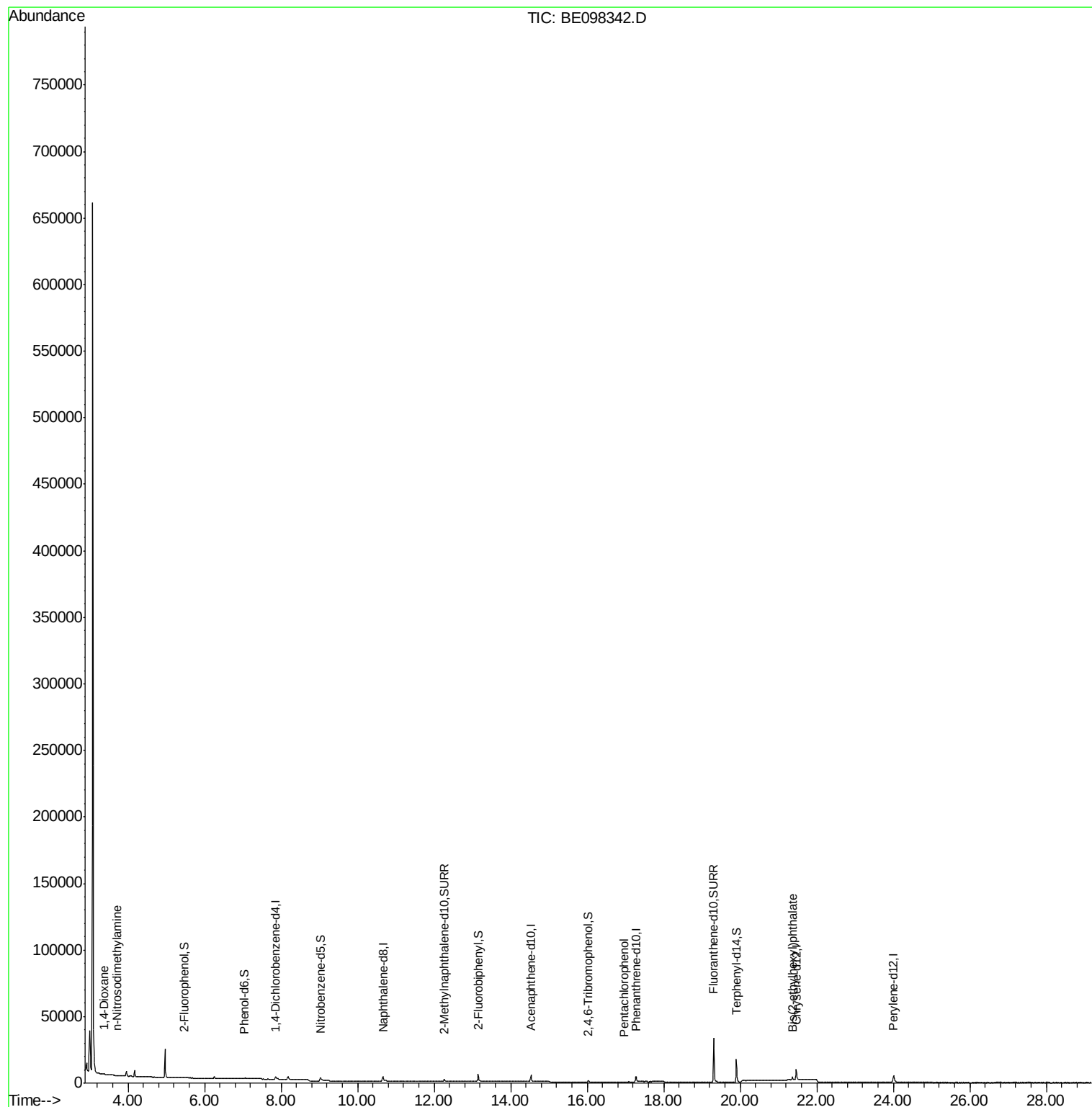
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1112	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4783	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3172	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8026	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9834	0.40	ng	0.00
34) Perylene-d12	24.01	264	8948	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	587	0.23	ng	0.01
5) Phenol-d6	7.04	99	375	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	1846	0.42	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3326	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	642	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6520	0.49	ng	0.00
25) Fluoranthene-d10	19.31	212	48711	0.47	ng	0.00
29) Terphenyl-d14	19.90	244	16736	0.70	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	334	0.174	ng	# 62
3) n-Nitrosodimethylamine	3.72	42	36	0.021	ng	# 100
22) Pentachlorophenol	16.97	266	10	0.030	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.37	149	2648	0.047	ng	# 97

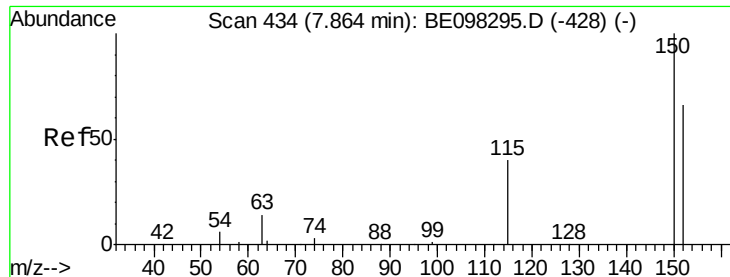
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
Data File : BE098342.D
Acq On : 11 Dec 2018 20:48
Operator : SJ/JU
Sample : J6288-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Dec 12 17:24:21 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: BE098342.D

Acq: 11 Dec 2018 20:48

Instrument :

BNA_E

ClientSampled :

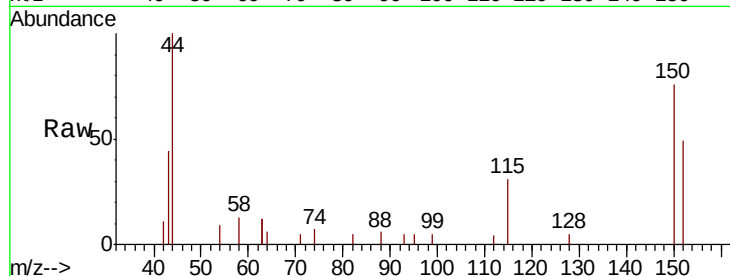
Tot Ion:152 Resp: 1112

Ion Ratio Lower Upper

152 100

150 154.5 124.2 186.4

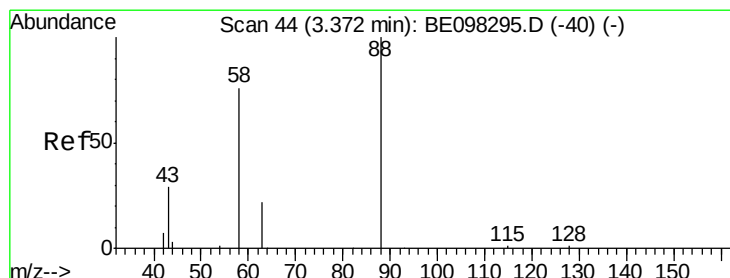
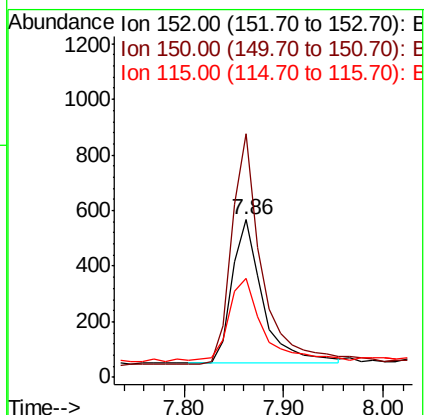
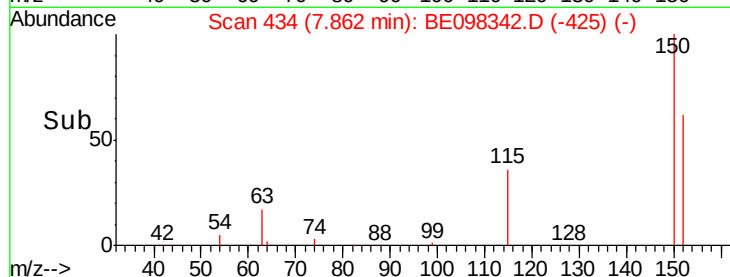
115 63.1 53.9 80.9



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: 0.174 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098342.D

Acq: 11 Dec 2018 20:48

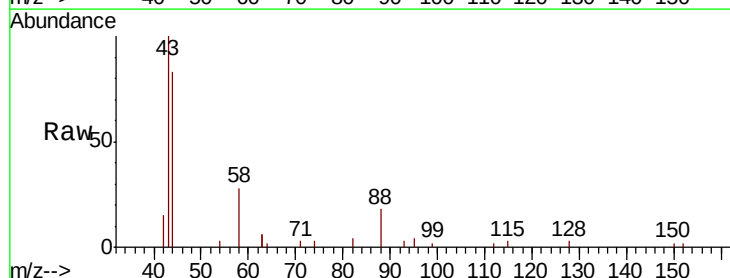
Tgt Ion: 88 Resp: 334

Ion Ratio Lower Upper

88 100

58 105.4 75.0 112.6

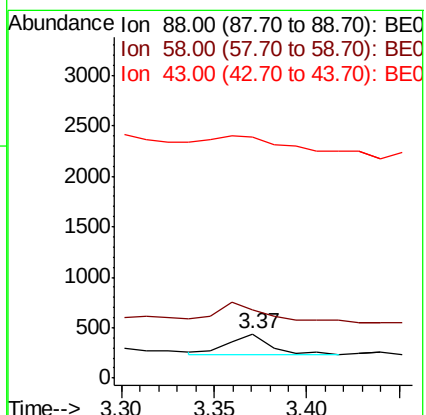
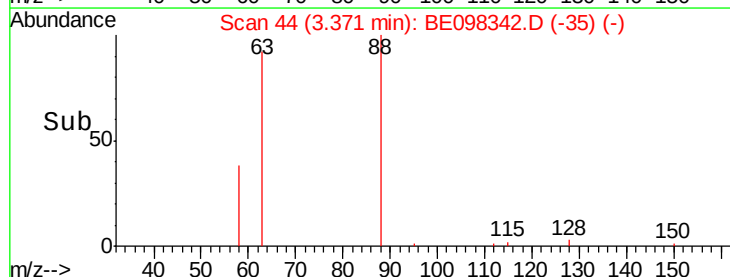
43 108.4 38.3 57.5#

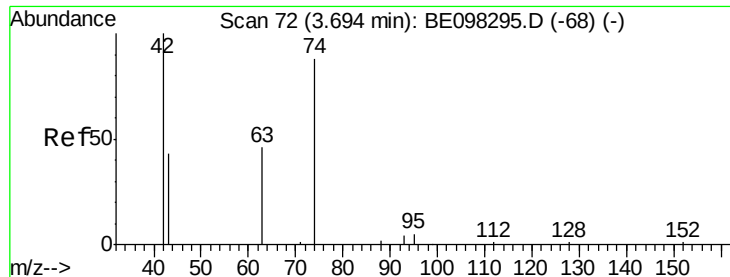


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



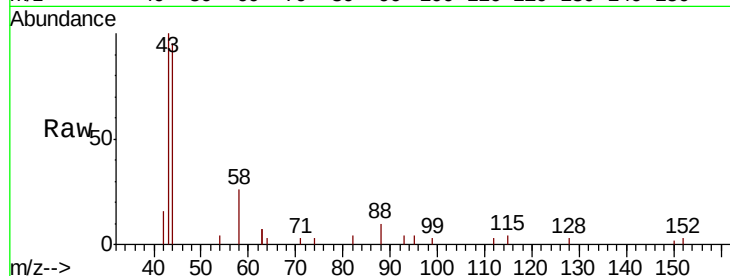


#3

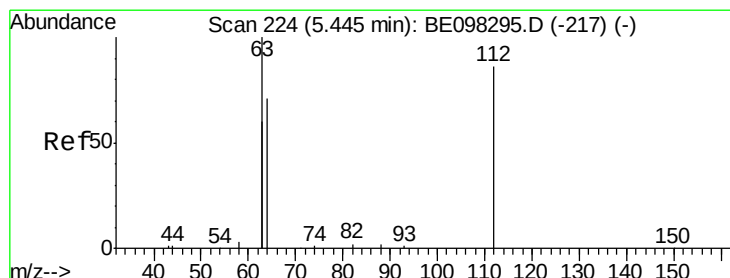
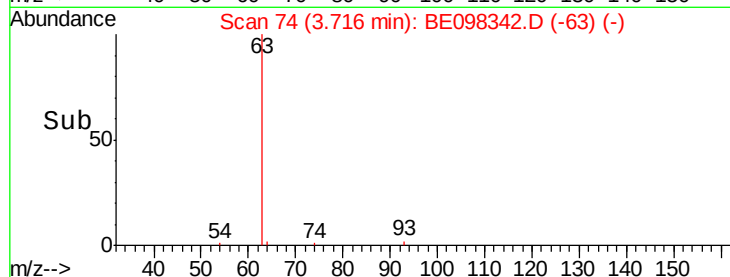
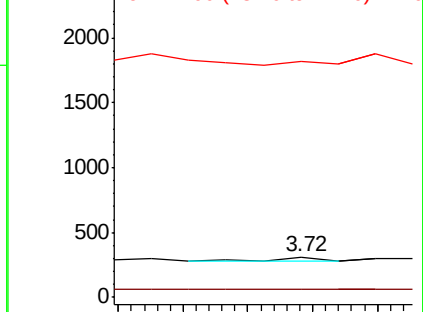
n-Nitrosodimethylamine
 Concen: 0.021 ng
 RT: 3.72 min Scan# 74
 Delta R.T. 0.02 min
 Lab File: BE098342.D
 Acq: 11 Dec 2018 20:48

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:	42	Resp:	36
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



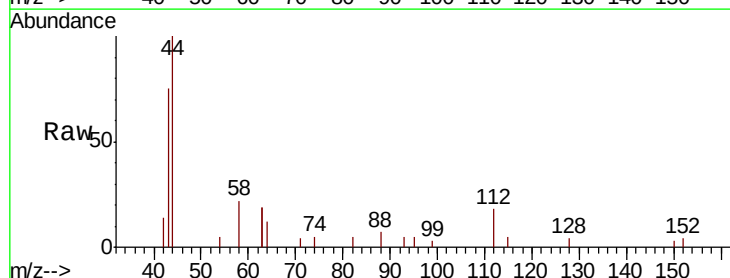
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



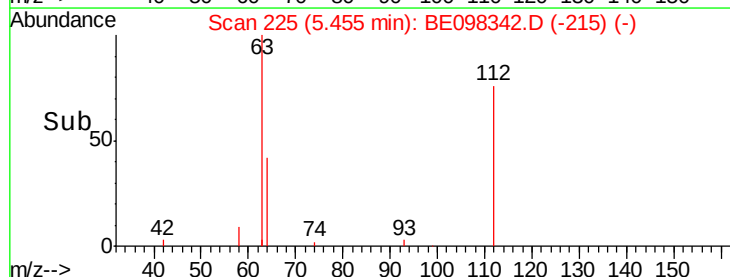
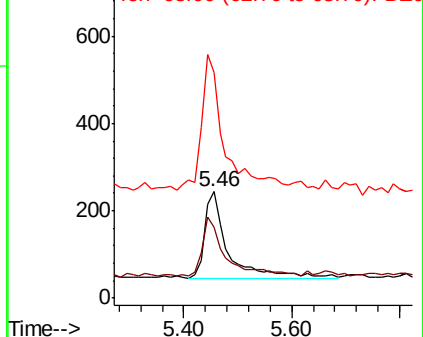
#4

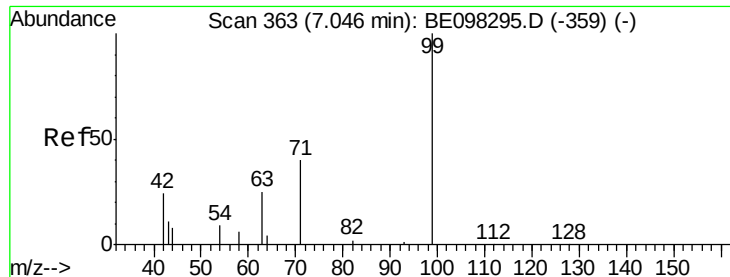
2-Fluorophenol
 Concen: 0.226 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098342.D
 Acq: 11 Dec 2018 20:48

Tgt Ion:	112	Resp:	587
Ion	Ratio	Lower	Upper
112	100		
64	62.9	59.8	89.8
63	155.9	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: 0.102 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098342.D

Acq: 11 Dec 2018 20:48

Instrument :

BNA_E

ClientSampleId :

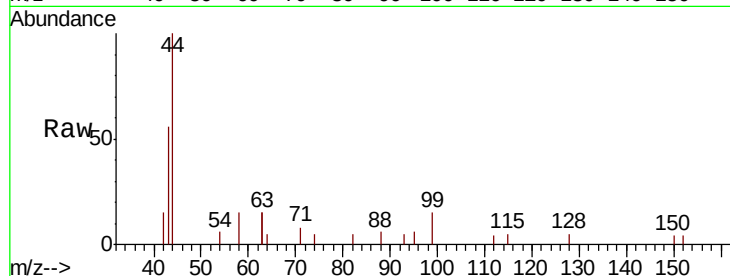
Tot Ion: 99 Resp: 375

Ion Ratio Lower Upper

99 100

42 33.6 26.3 39.5

71 35.2 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

7.04

150

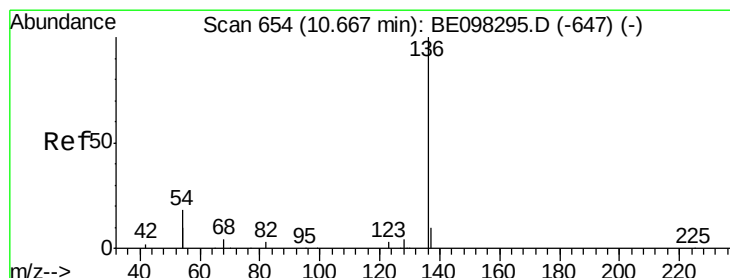
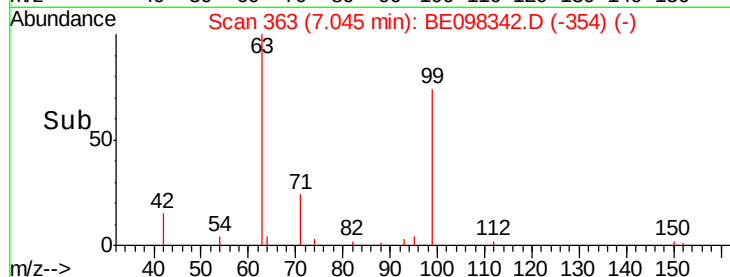
100

50

0

6.90 7.00 7.10 7.20 7.30

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098342.D

Acq: 11 Dec 2018 20:48

Tgt Ion: 136 Resp: 4783

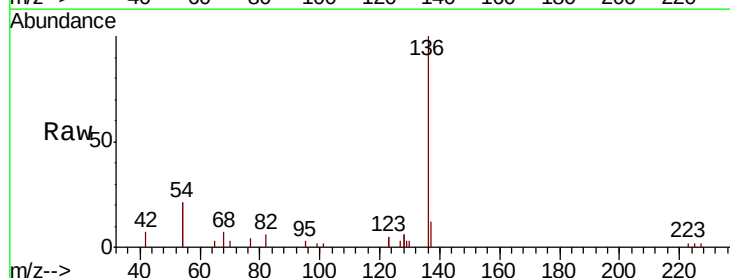
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 42.8 28.4 42.6#

68 7.4 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

10.67

3000

2500

2000

1500

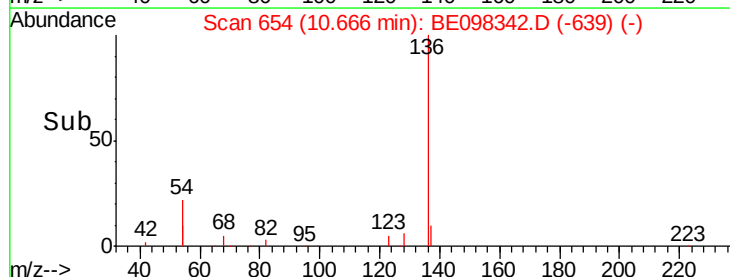
1000

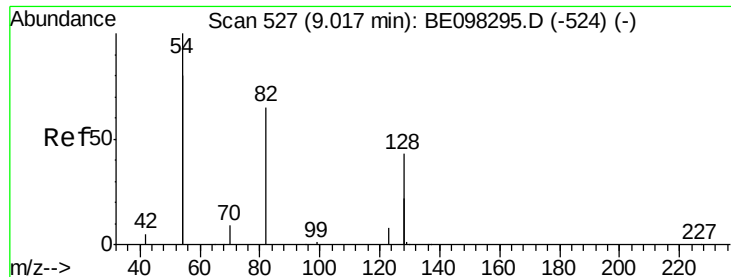
500

0

10.60 10.80

Time-->

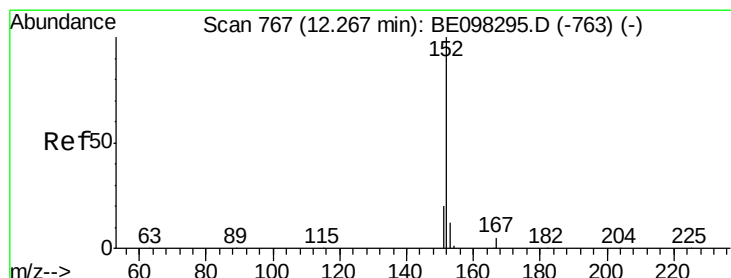
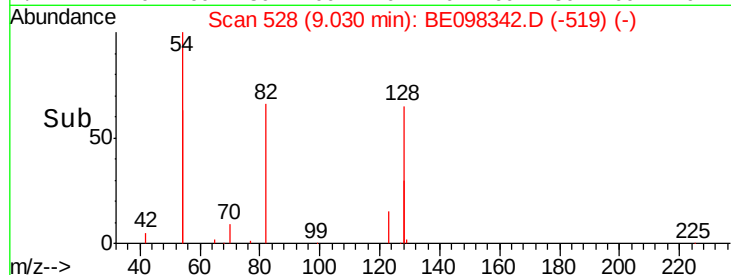
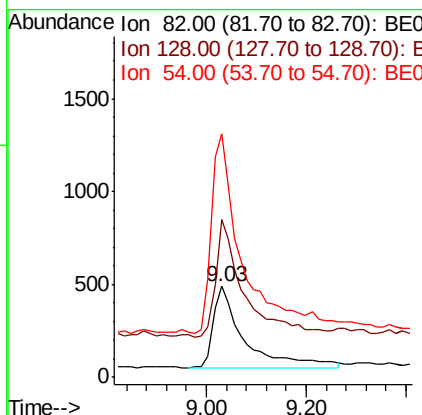
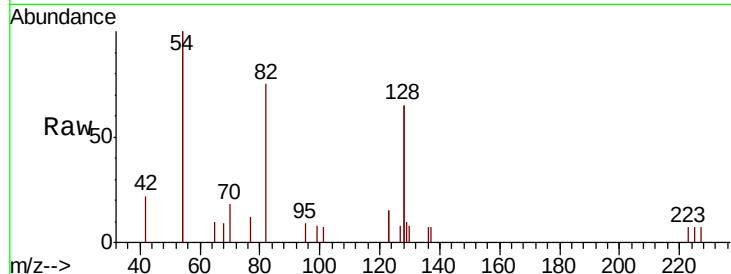




#8
 Nitrobenzene-d5
 Concen: 0.424 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098342.D
 Acq: 11 Dec 2018 20:48

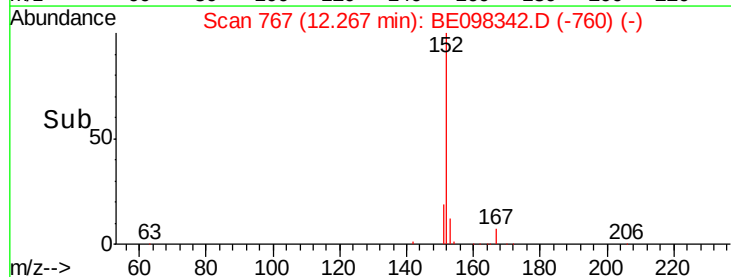
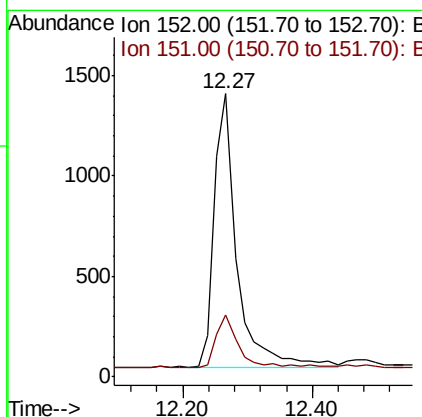
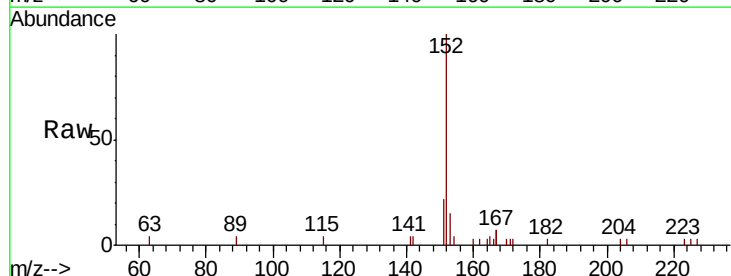
Instrument :
 BNA_E
 ClientSampleId :

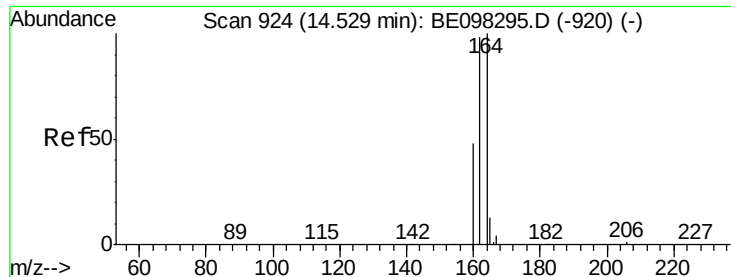
Tot Ion	82	Resp	1846
Ion Ratio	Lower	Upper	
82	100		
128	174.2	102.4	153.6#
54	268.4	221.8	332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.428 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098342.D
 Acq: 11 Dec 2018 20:48

Tgt Ion	152	Resp	3326
Ion Ratio	Lower	Upper	
152	100		
151	18.8	16.2	24.4

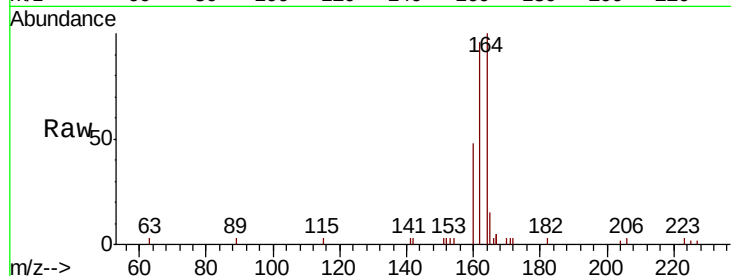




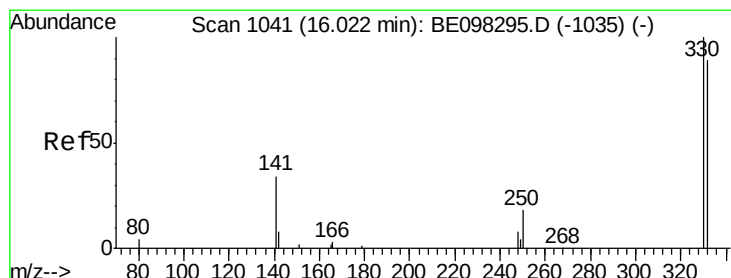
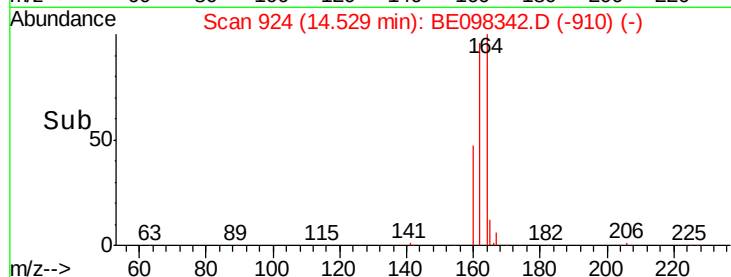
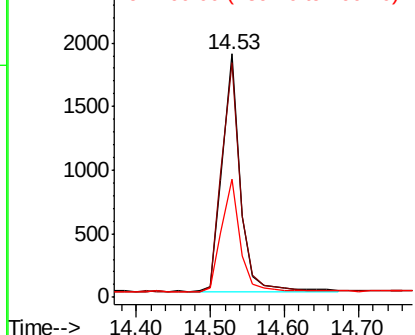
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098342.D
Acq: 11 Dec 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 3172
Ion Ratio Lower Upper
164 100
162 96.4 77.6 116.4
160 48.4 36.0 54.0

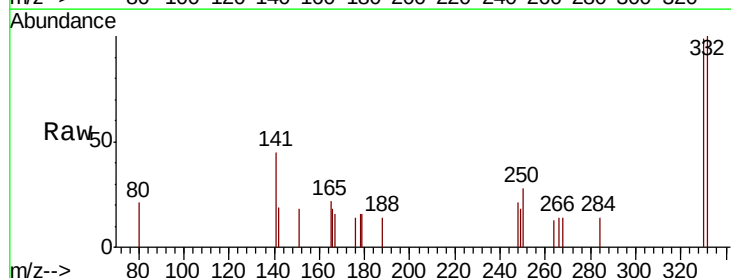


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

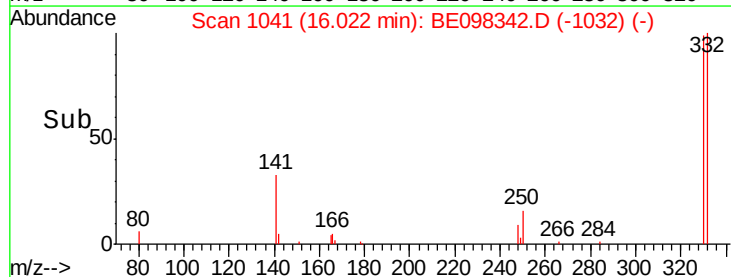
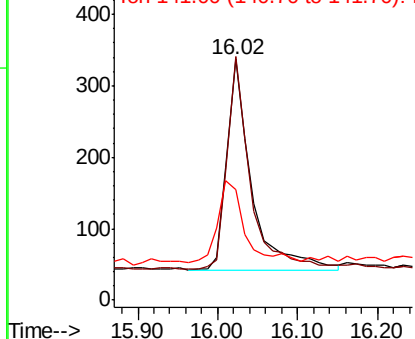


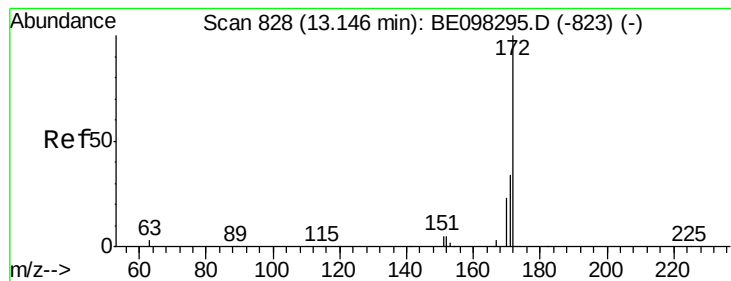
#14
2,4,6-Tribromophenol
Concen: 0.551 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098342.D
Acq: 11 Dec 2018 20:48

Tgt Ion:330 Resp: 642
Ion Ratio Lower Upper
330 100
332 93.8 76.2 114.4
141 40.8 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

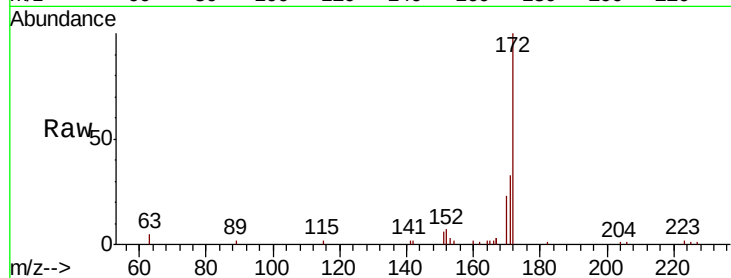




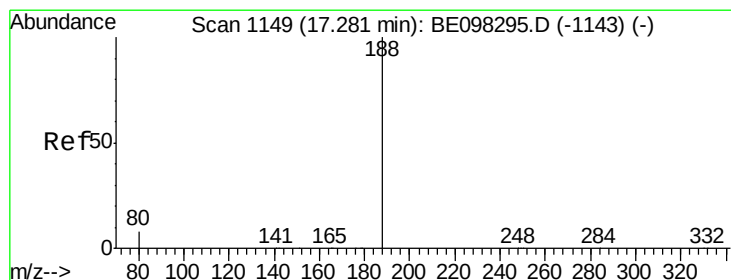
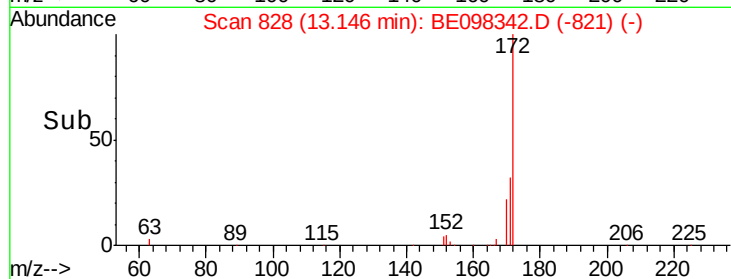
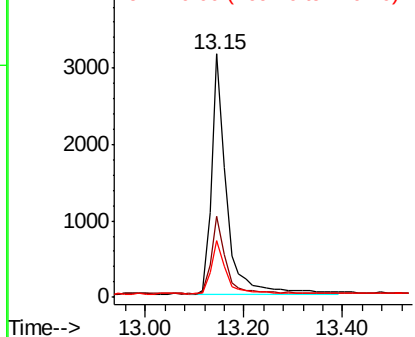
#15
2-Fluorobiphenyl
Concen: 0.487 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098342.D
Acq: 11 Dec 2018 20:48

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6520
Ion Ratio Lower Upper
172 100
171 33.1 27.5 41.3
170 23.2 19.6 29.4

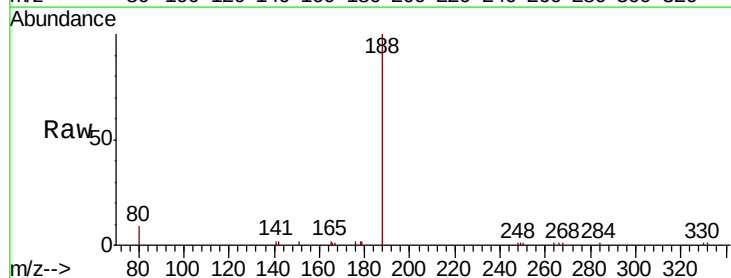


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

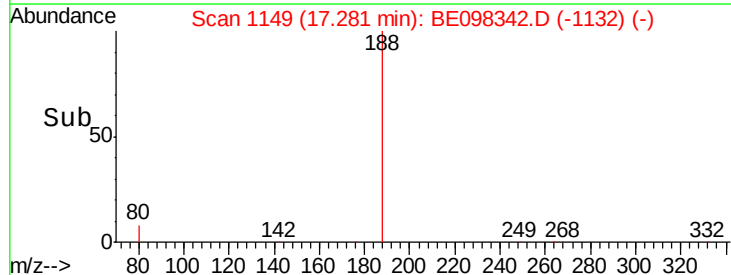
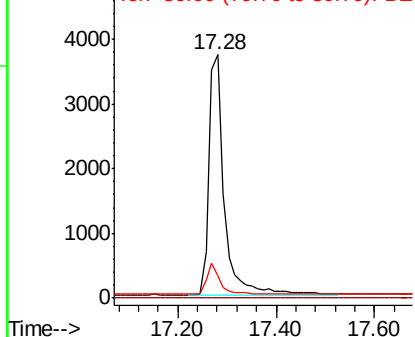


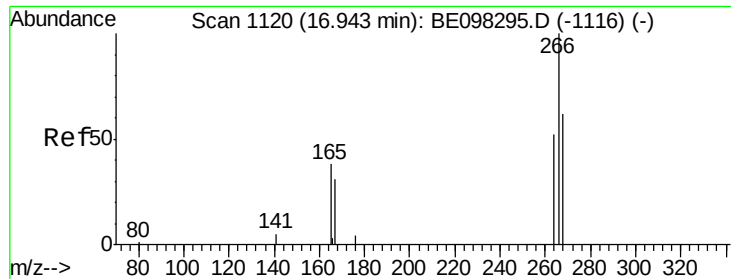
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098342.D
Acq: 11 Dec 2018 20:48

Tgt Ion:188 Resp: 8026
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 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

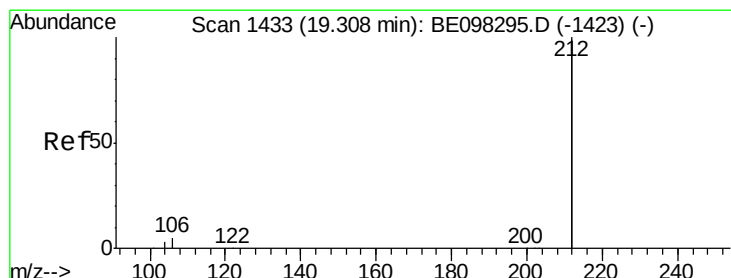
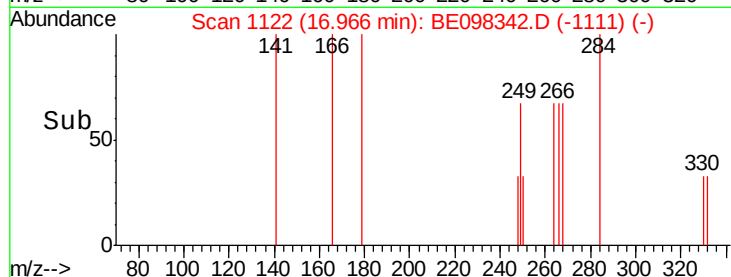
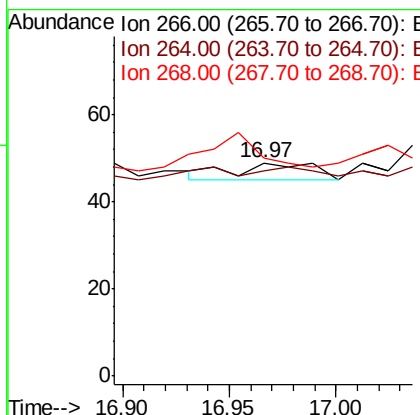
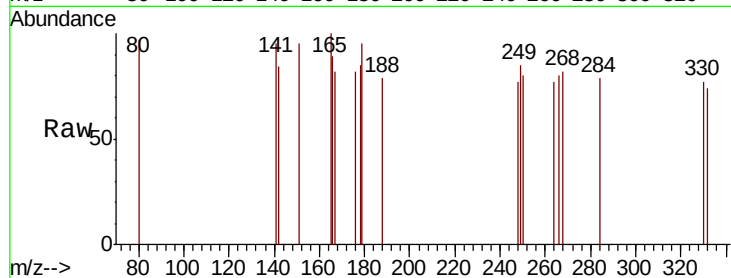




#22
 Pentachlorophenol
 Concen: 0.030 ng
 RT: 16.97 min Scan# 1122
 Delta R.T. 0.02 min
 Lab File: BE098342.D
 Acq: 11 Dec 2018 20:48

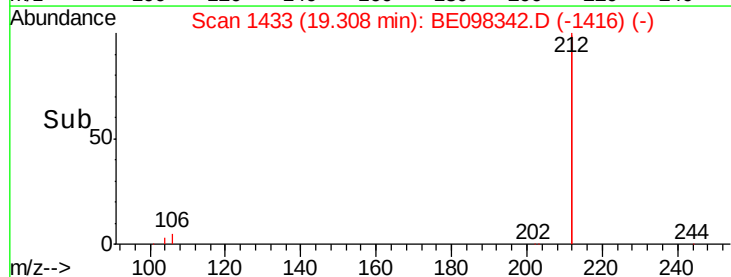
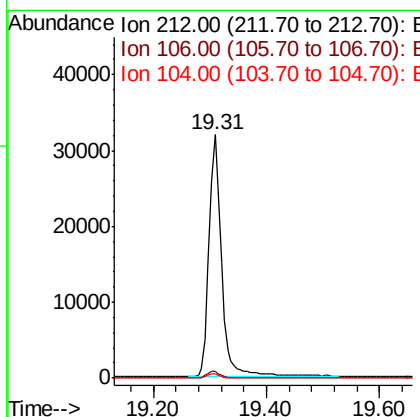
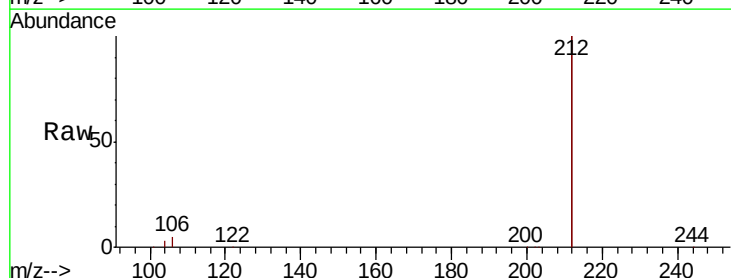
Instrument :
 BNA_E
 ClientSampleId :

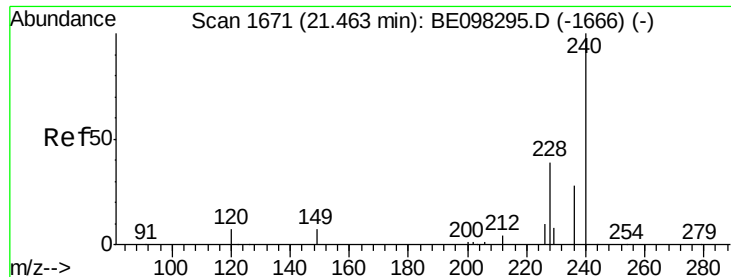
Tot Ion:266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 95.9 59.0 88.4#
 268 102.0 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.473 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BE098342.D
 Acq: 11 Dec 2018 20:48

Tgt Ion:212 Resp: 48711
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.5 1.3 1.9

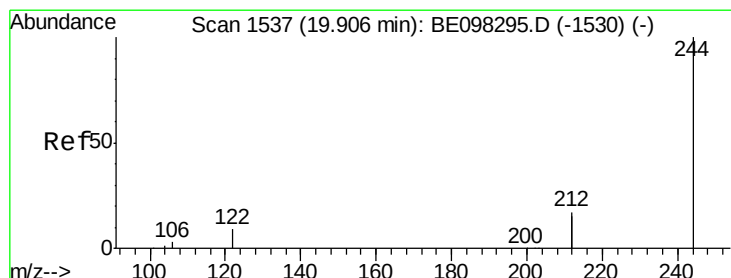
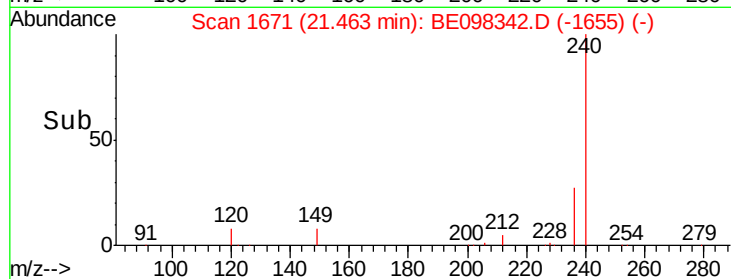
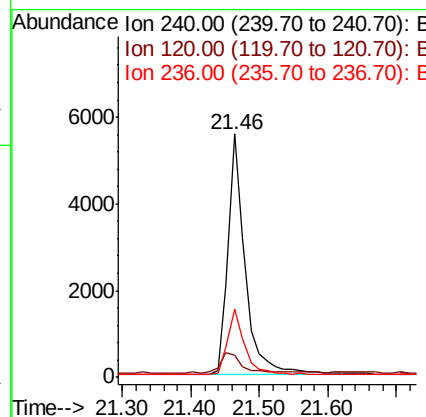
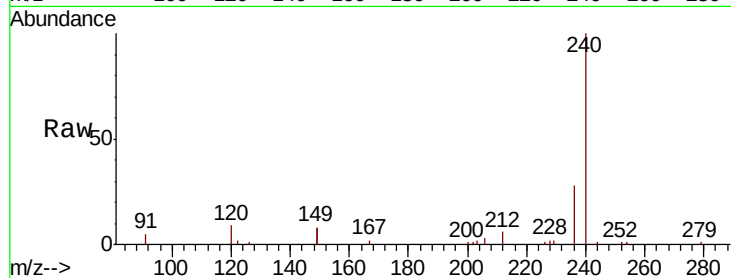




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098342.D
Acq: 11 Dec 2018 20:48

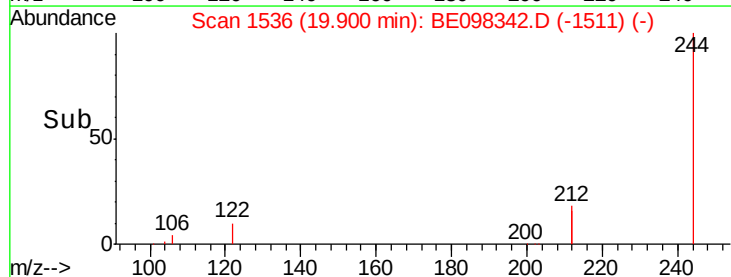
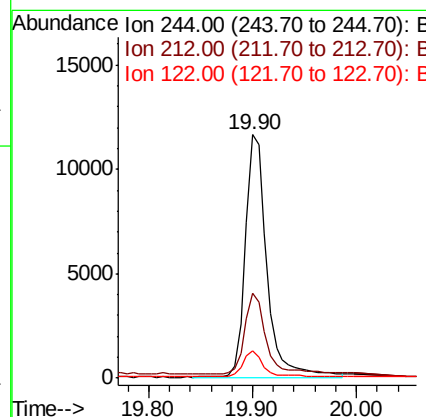
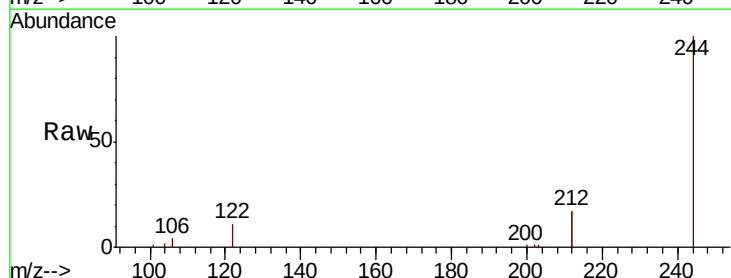
Instrument :
BNA_E
ClientSampleId :

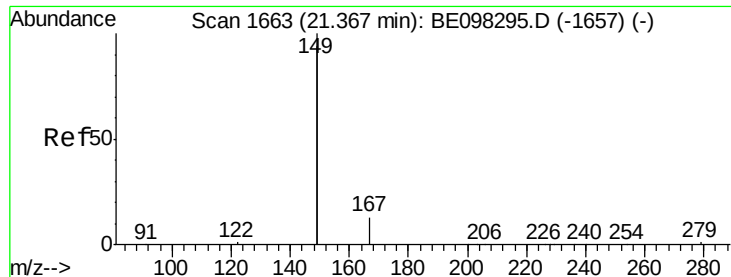
Tot Ion:240 Resp: 9834
Ion Ratio Lower Upper
240 100
120 9.4 9.5 14.3#
236 28.2 22.7 34.1



#29
Terphenyl-d14
Concen: 0.700 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098342.D
Acq: 11 Dec 2018 20:48

Tgt Ion:244 Resp: 16736
Ion Ratio Lower Upper
244 100
212 35.0 27.4 41.0
122 11.0 8.3 12.5

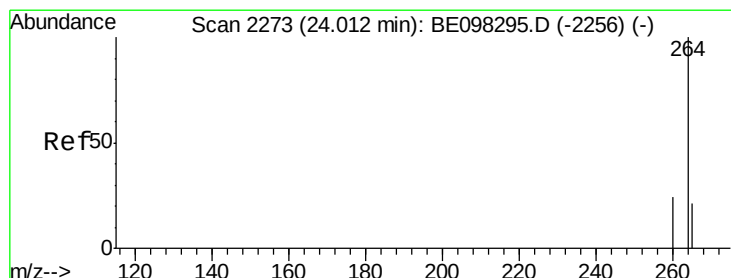
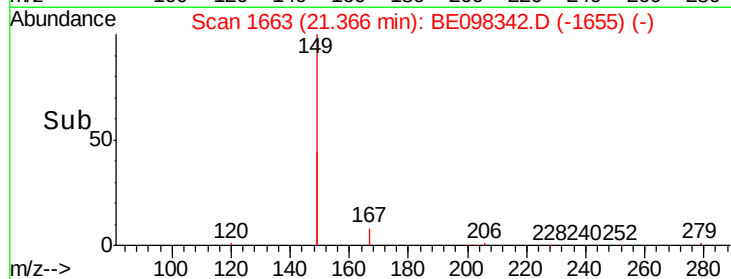
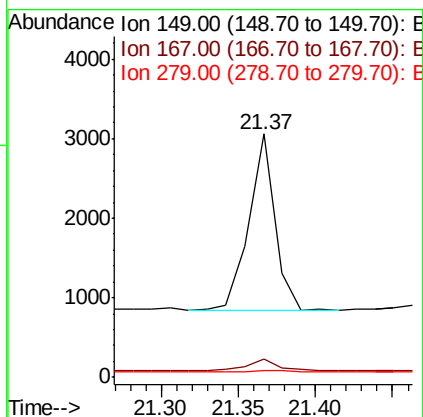
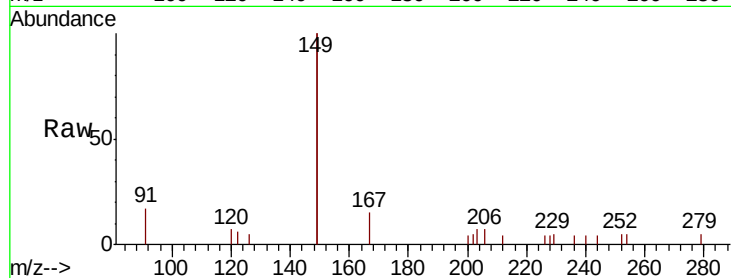




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.047 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098342.D
 Acq: 11 Dec 2018 20:48

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 2648
 Ion Ratio Lower Upper
 149 100
 167 8.1 5.7 8.5
 279 1.7 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BE098342.D
 Acq: 11 Dec 2018 20:48

Tgt Ion:264 Resp: 8948
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.2 30.2
 265 28.9 25.2 37.8

