

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098338.D
 Acq On : 11 Dec 2018 18:18
 Operator : SJ/JU
 Sample : J6288-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 12 17:23:23 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

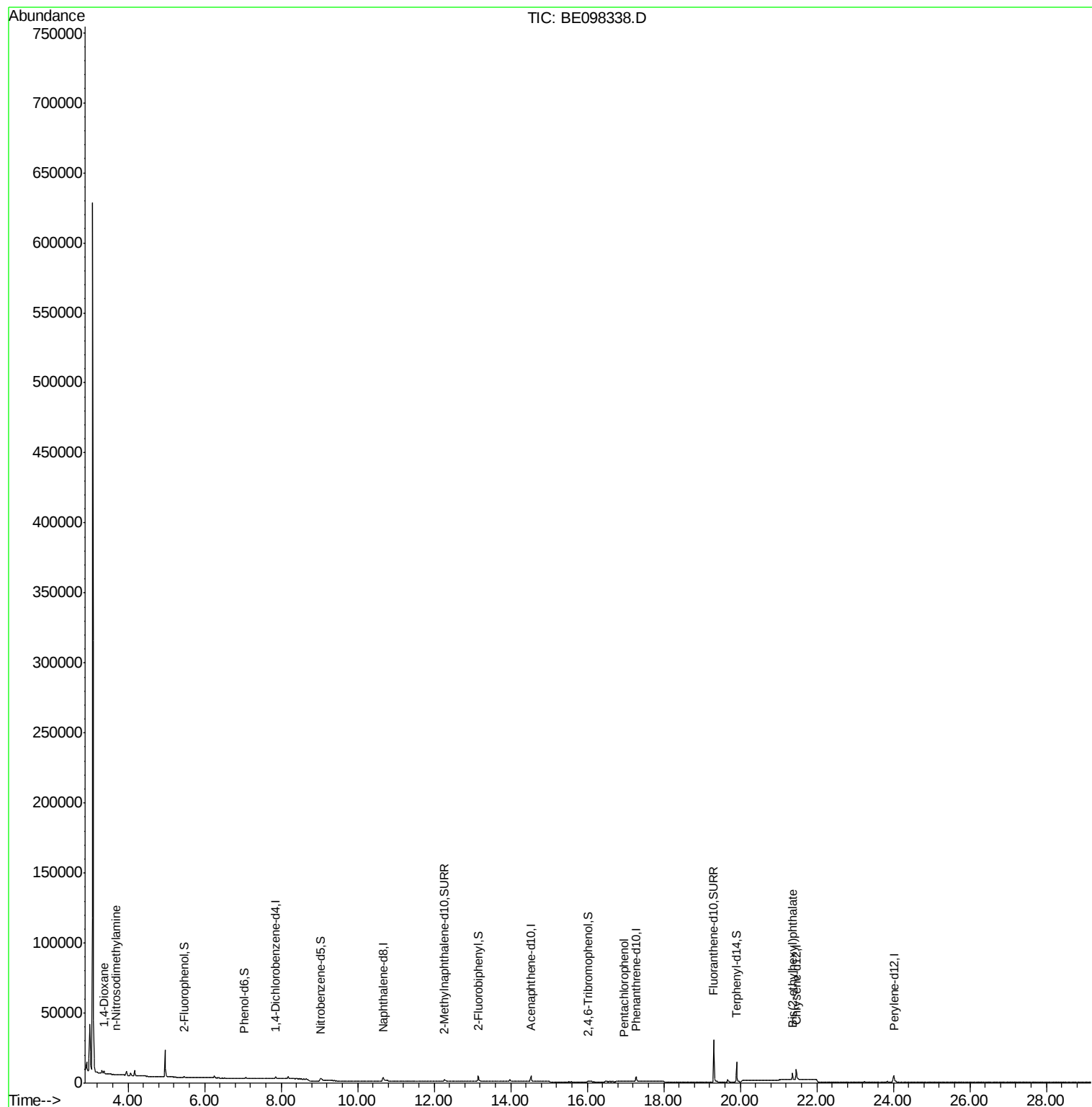
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	952	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4042	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2633	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7002	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8906	0.40	ng	0.00
34) Perylene-d12	24.01	264	8399	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	442	0.20	ng	0.00
5) Phenol-d6	7.04	99	305	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	1356	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3044	0.46	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	441	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5650	0.51	ng	0.00
25) Fluoranthene-d10	19.31	212	46129	0.51	ng	0.00
29) Terphenyl-d14	19.90	244	13834	0.64	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	1226	0.745	ng	Qvalue # 86
3) n-Nitrosodimethylamine	3.69	42	79	0.053	ng	# 100
22) Pentachlorophenol	16.95	266	8	0.029	ng	# 66
32) Bis(2-ethylhexyl)phthalate	21.37	149	5671	0.110	ng	# 100

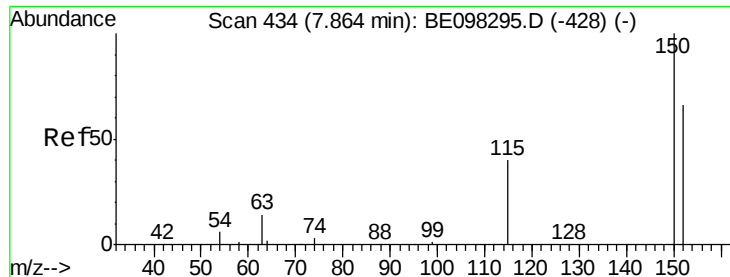
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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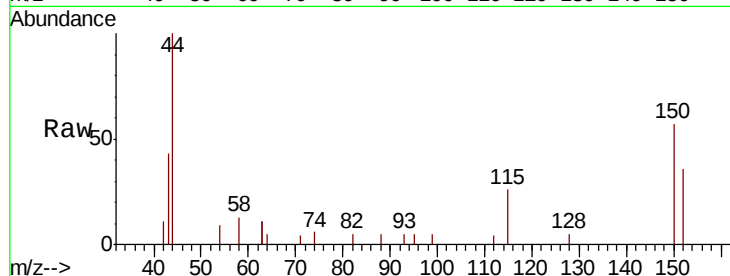


#1

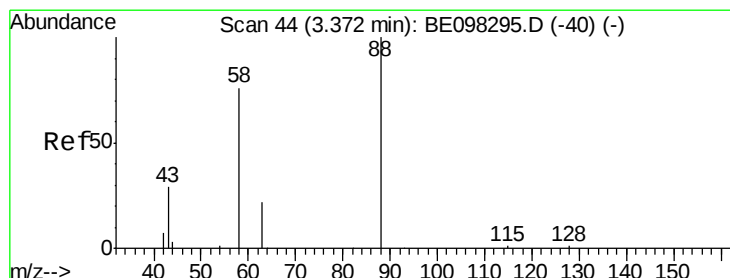
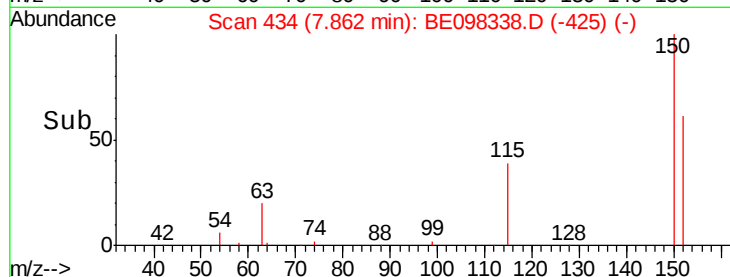
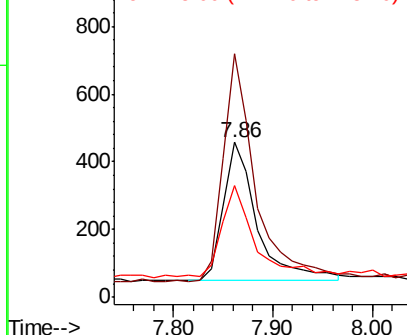
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098338.D
Acq: 11 Dec 2018 18:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 952
Ion Ratio Lower Upper
152 100
150 157.3 124.2 186.4
115 72.2 53.9 80.9



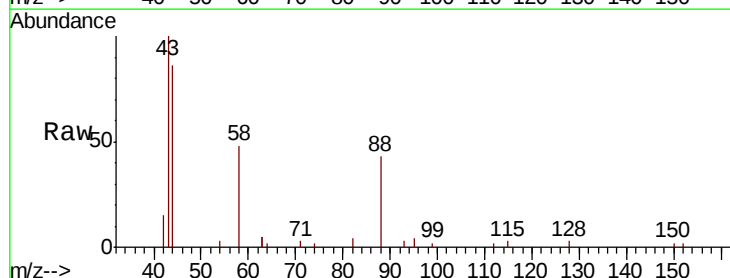
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



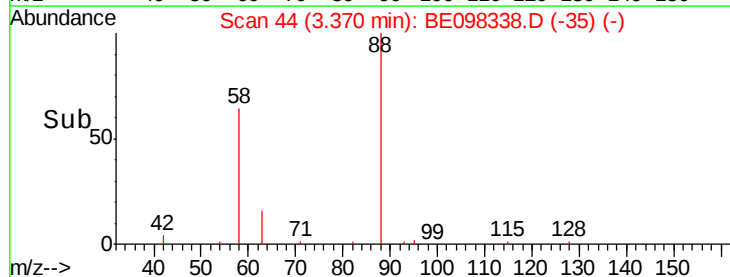
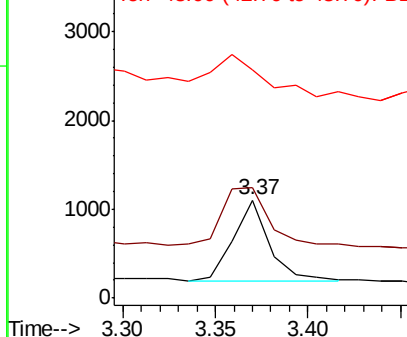
#2

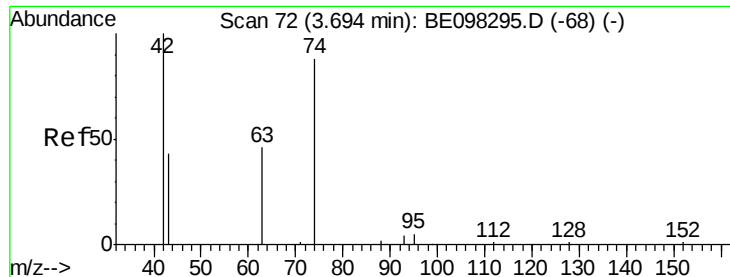
1,4-Dioxane
Concen: 0.745 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098338.D
Acq: 11 Dec 2018 18:18

Tgt Ion: 88 Resp: 1226
Ion Ratio Lower Upper
88 100
58 96.0 75.0 112.6
43 71.9 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



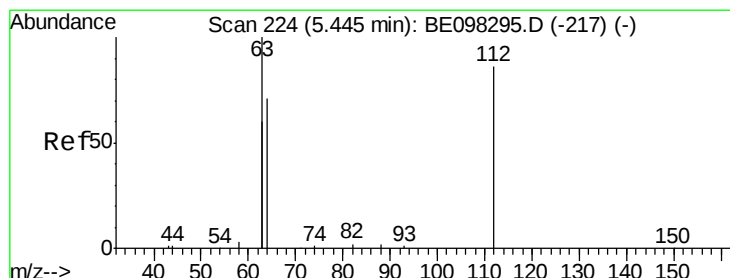
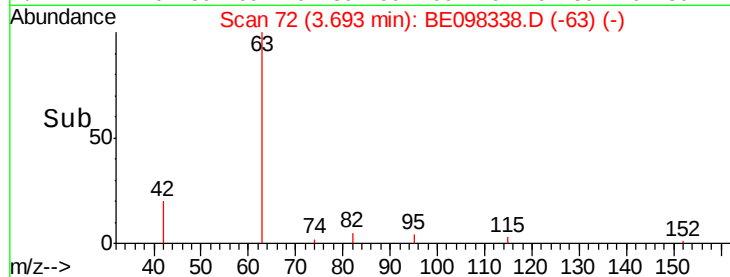
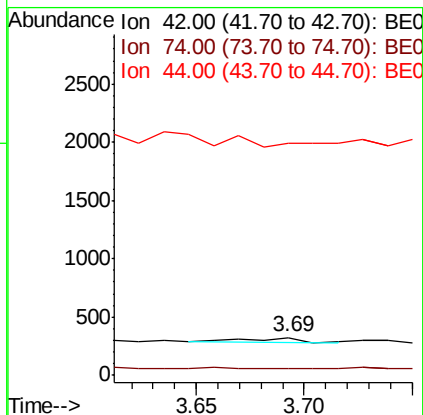
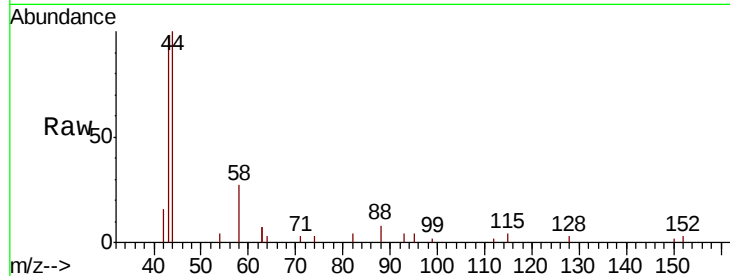


#3

n-Nitrosodimethylamine
 Concen: 0.053 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098338.D
 Acq: 11 Dec 2018 18:18

Instrument :
 BNA_E
 ClientSampled :

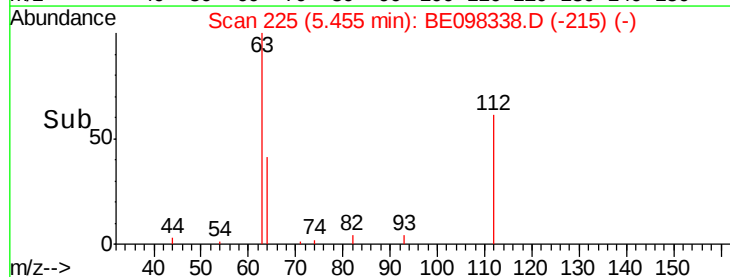
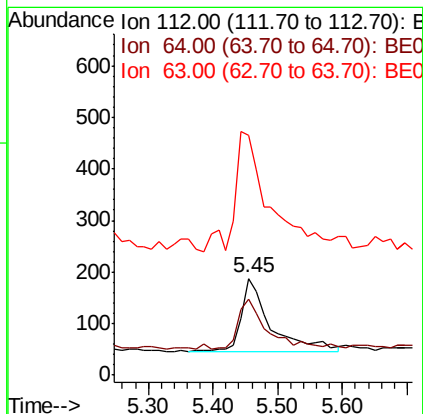
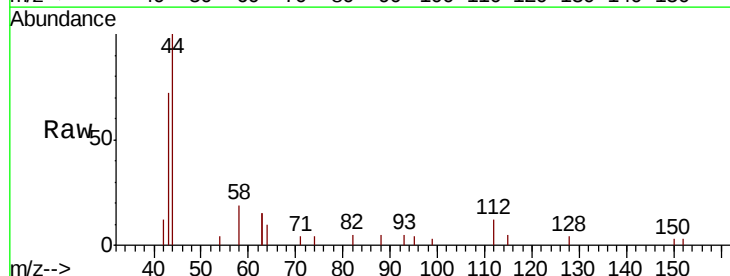
Tot Ion:	42	Resp:	79
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0

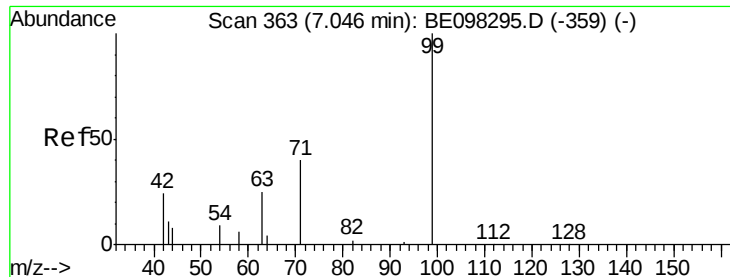


#4

2-Fluorophenol
 Concen: 0.198 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098338.D
 Acq: 11 Dec 2018 18:18

Tgt Ion:	112	Resp:	442
Ion	Ratio	Lower	Upper
112	100		
64	66.1	59.8	89.8
63	201.4	133.7	200.5#





#5

Phenol-d6

Concen: 0.097 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098338.D

Acq: 11 Dec 2018 18:18

Instrument :

BNA_E

ClientSampleId :

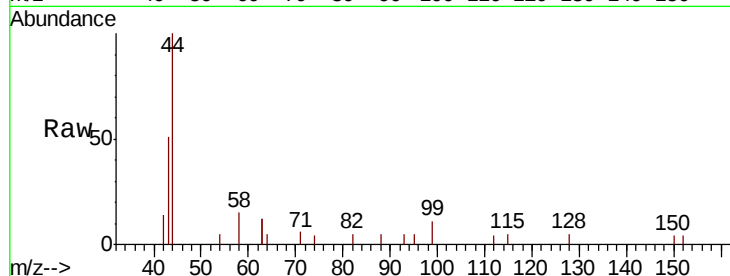
Tot Ion: 99 Resp: 305

Ion Ratio Lower Upper

99 100

42 42.3 26.3 39.5#

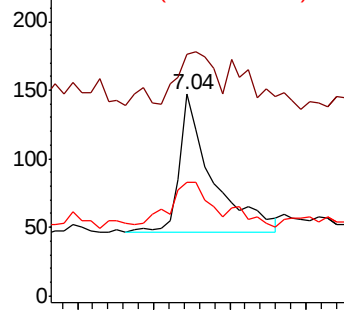
71 34.1 33.6 50.4



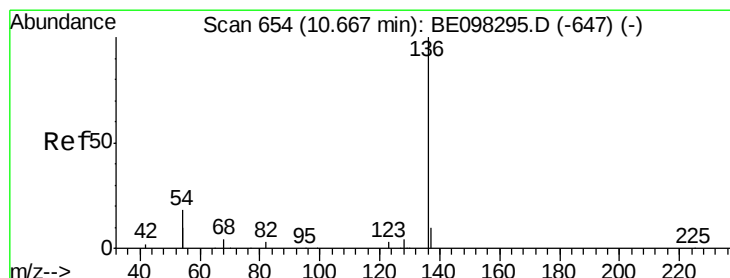
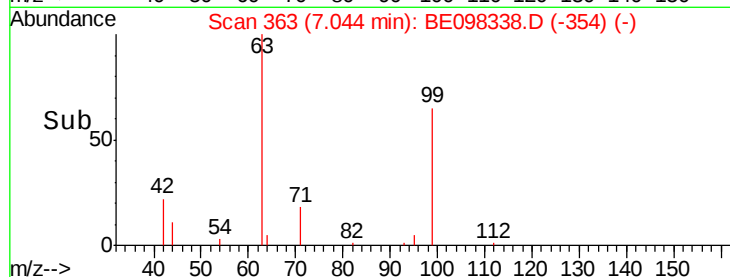
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098338.D

Acq: 11 Dec 2018 18:18

Tgt Ion: 136 Resp: 4042

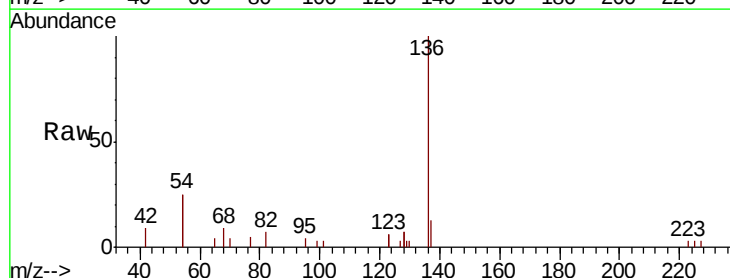
Ion Ratio Lower Upper

136 100

137 12.9 9.2 13.8

54 50.6 28.4 42.6#

68 9.2 5.4 8.0#

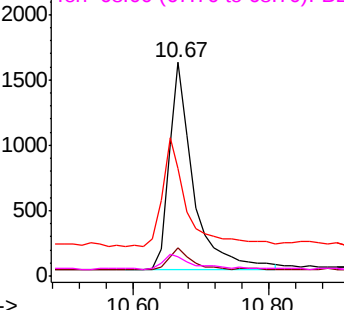


Abundance Ion 136.00 (135.70 to 136.70): E

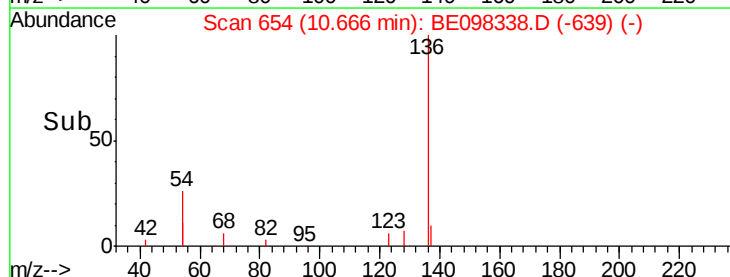
Ion 137.00 (136.70 to 137.70): E

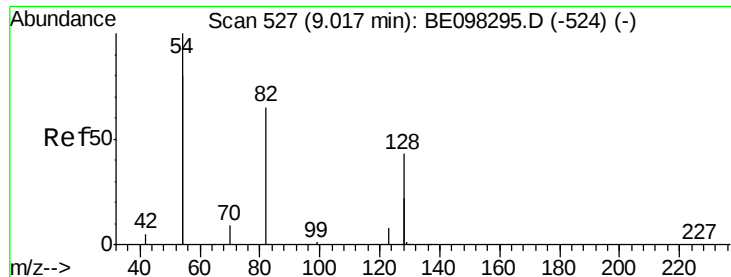
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

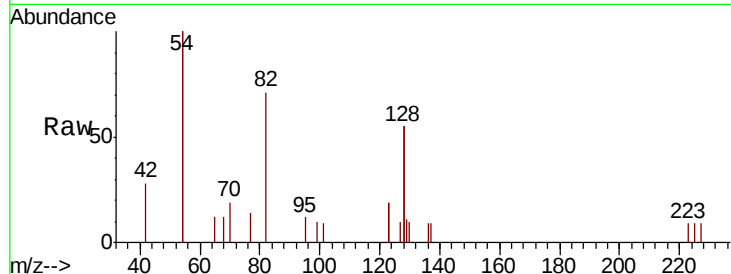




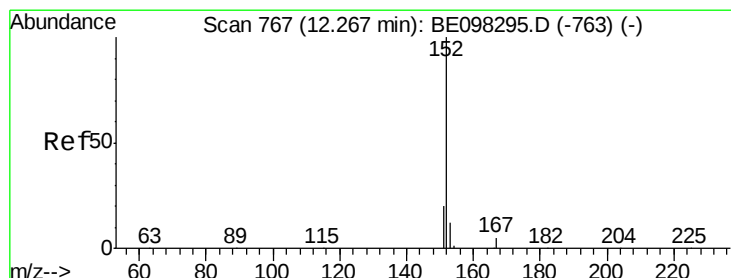
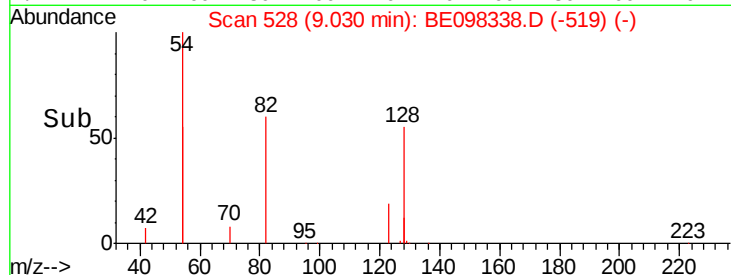
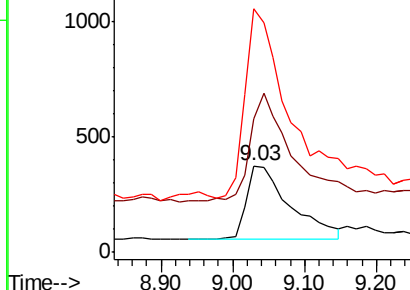
#8
 Nitrobenzene-d5
 Concen: 0.369 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098338.D
 Acq: 11 Dec 2018 18:18

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	82.00	Resp	1356
Ion Ratio	Lower	Upper	
82	100		
128	154.1	102.4	153.6#
54	281.6	221.8	332.8

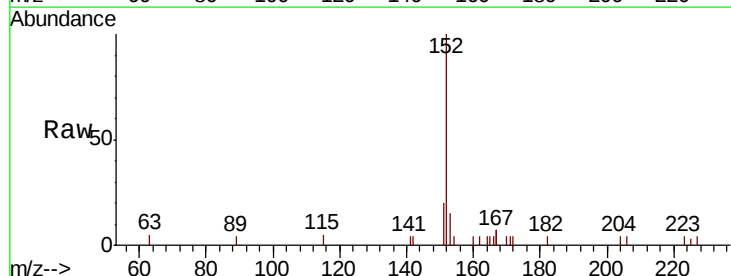


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

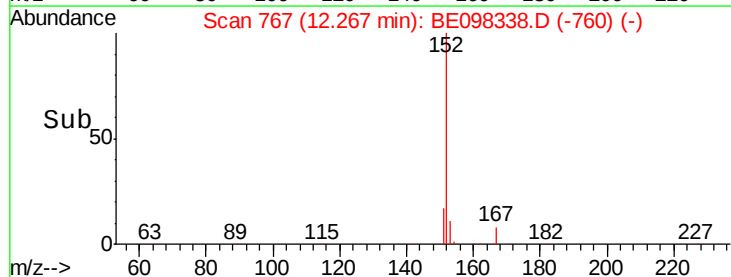
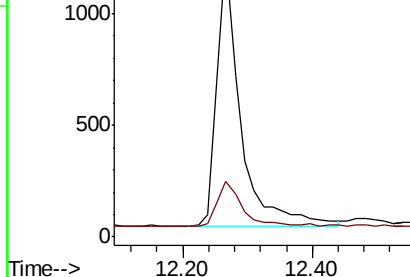


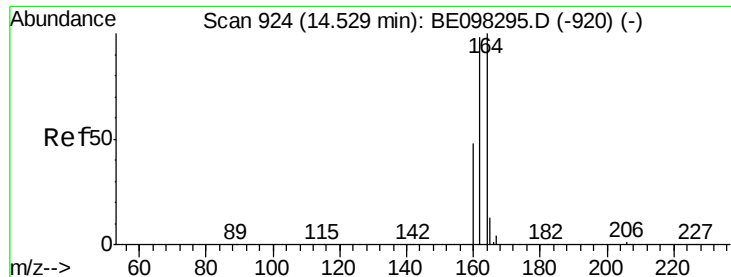
#11
 2-Methylnaphthalene-d10
 Concen: 0.463 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098338.D
 Acq: 11 Dec 2018 18:18

Tgt Ion	152	Resp	3044
Ion Ratio	Lower	Upper	
152	100		
151	18.5	16.2	24.4



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

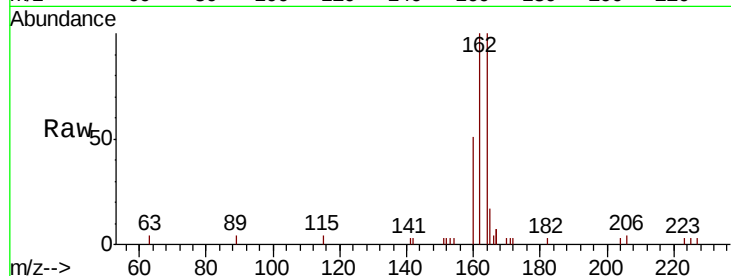




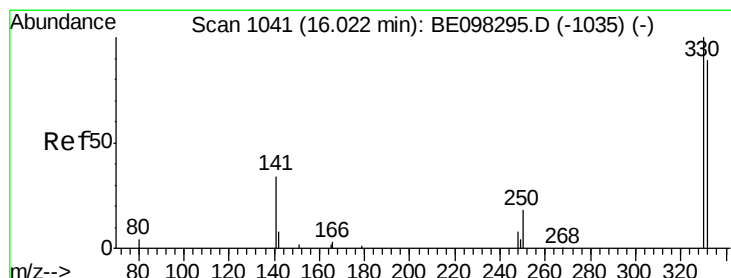
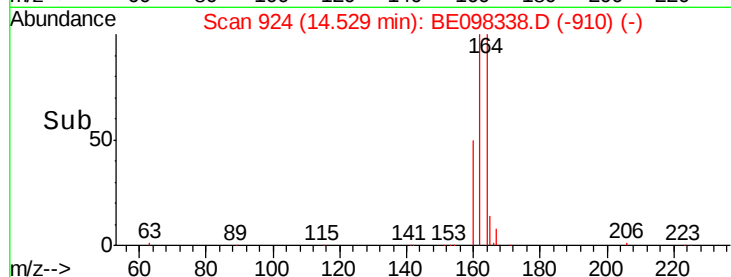
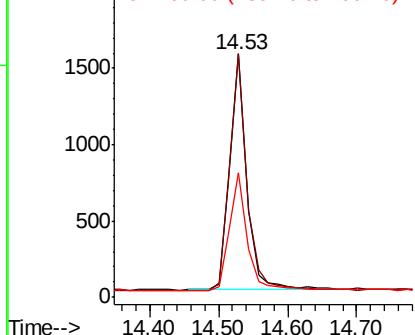
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098338.D
Acq: 11 Dec 2018 18:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 2633
Ion Ratio Lower Upper
164 100
162 99.8 77.6 116.4
160 51.2 36.0 54.0

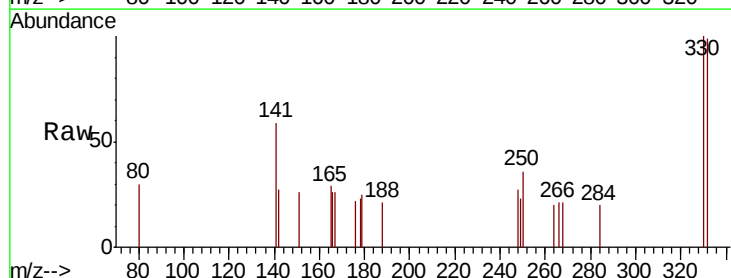


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

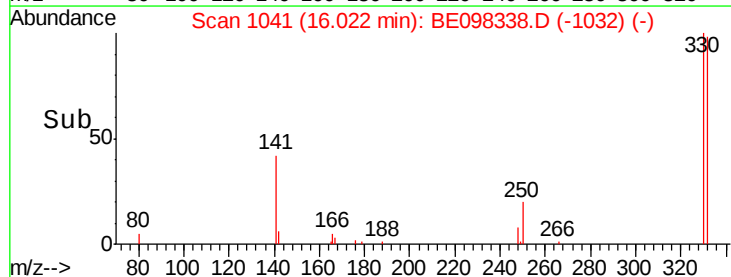
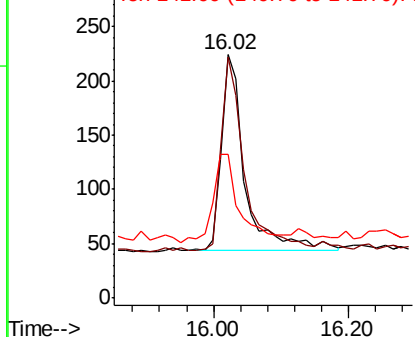


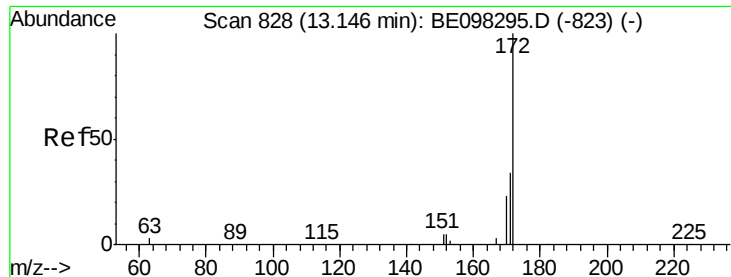
#14
2,4,6-Tribromophenol
Concen: 0.456 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098338.D
Acq: 11 Dec 2018 18:18

Tgt Ion:330 Resp: 441
Ion Ratio Lower Upper
330 100
332 98.4 76.2 114.4
141 50.1 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

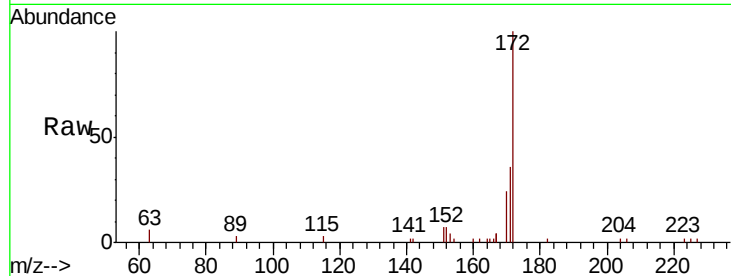




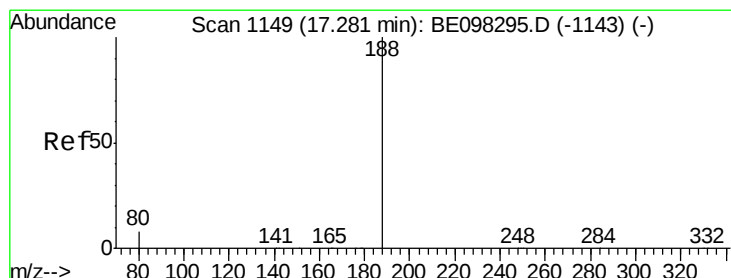
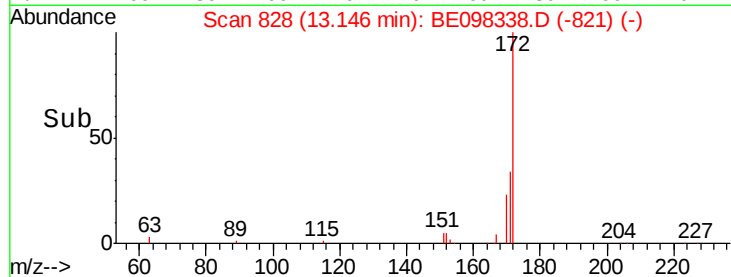
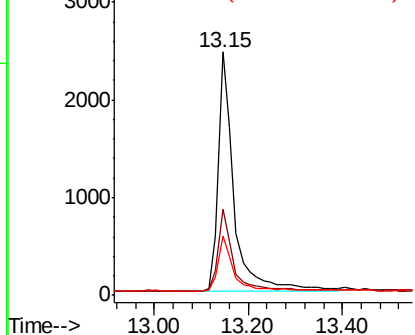
#15
2-Fluorobiphenyl
Concen: 0.509 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098338.D
Acq: 11 Dec 2018 18:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5650
Ion Ratio Lower Upper
172 100
171 35.6 27.5 41.3
170 24.5 19.6 29.4

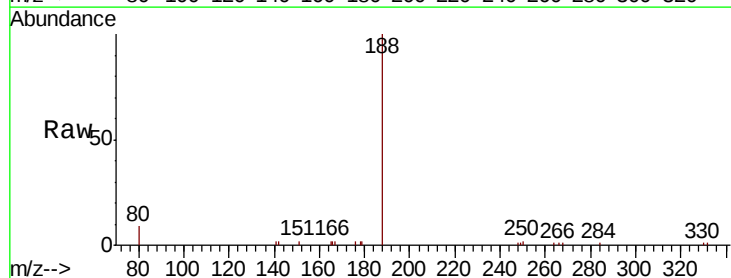


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

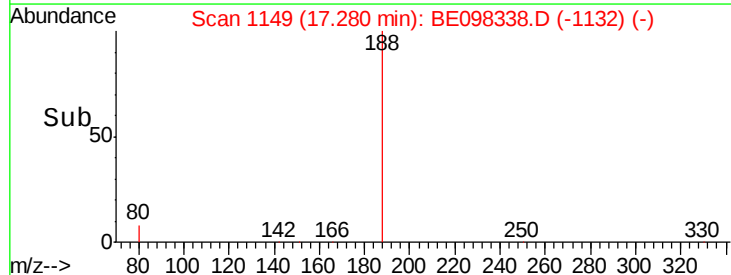
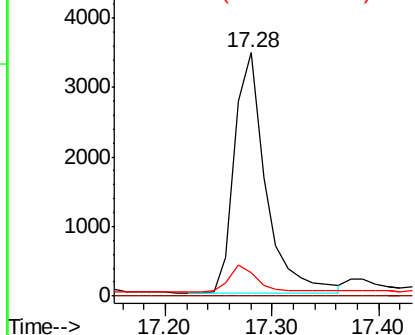


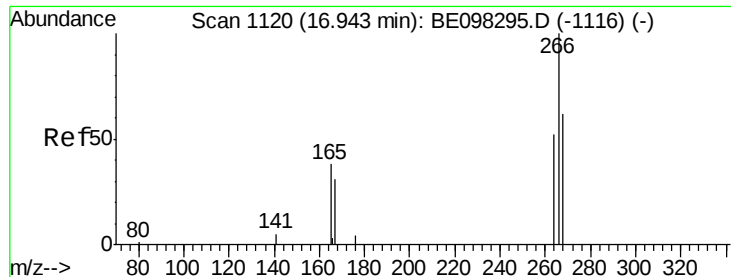
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098338.D
Acq: 11 Dec 2018 18:18

Tgt Ion:188 Resp: 7002
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 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

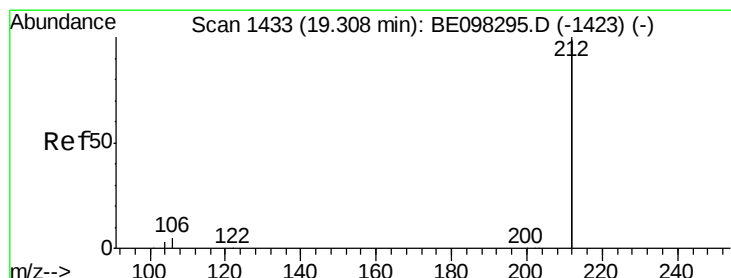
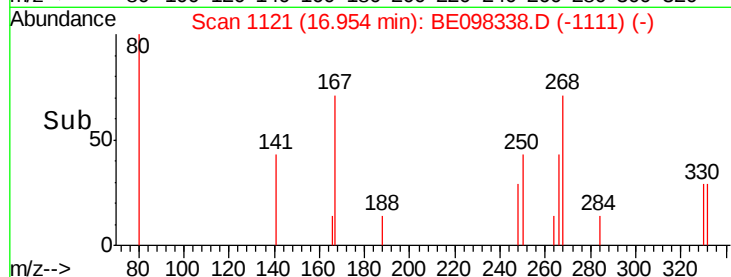
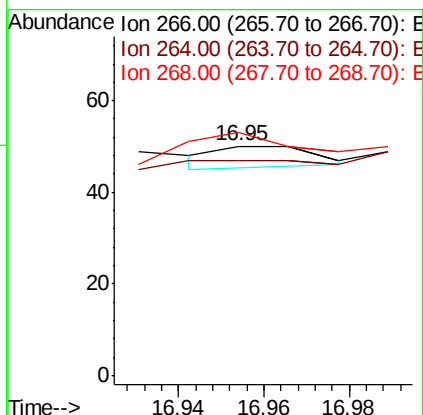
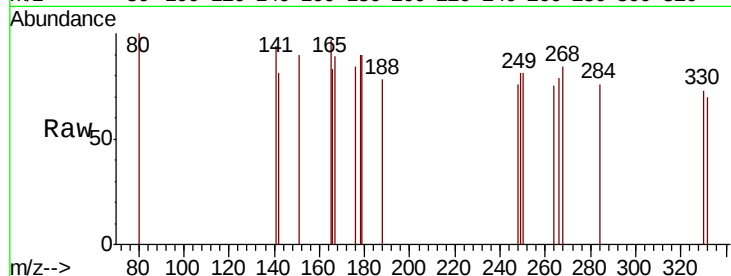




#22
 Pentachlorophenol
 Concen: 0.029 ng
 RT: 16.95 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BE098338.D
 Acq: 11 Dec 2018 18:18

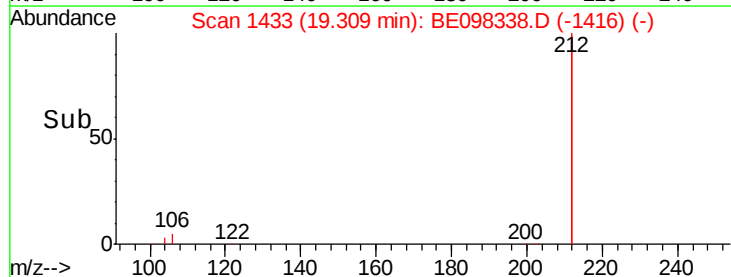
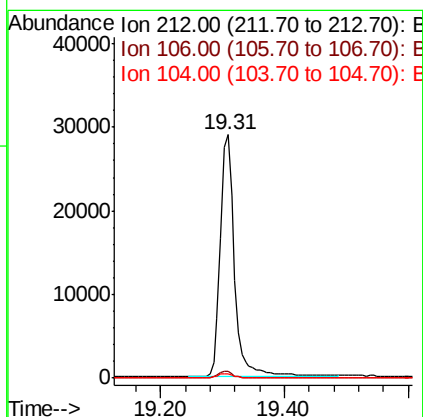
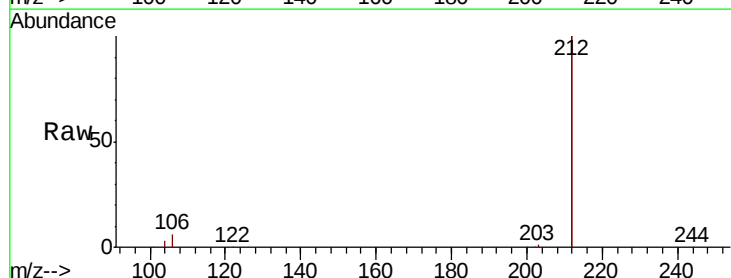
Instrument :
 BNA_E
 ClientSampleId :

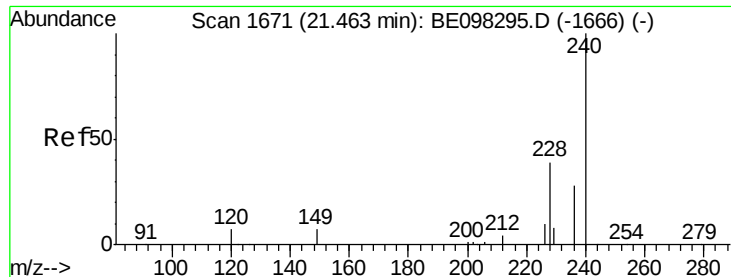
Tot Ion:266 Resp: 8
 Ion Ratio Lower Upper
 266 100
 264 94.0 59.0 88.4#
 268 106.0 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.514 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098338.D
 Acq: 11 Dec 2018 18:18

Tgt Ion:212 Resp: 46129
 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: BE098338.D

Acq: 11 Dec 2018 18:18

Instrument :

BNA_E

ClientSampleId :

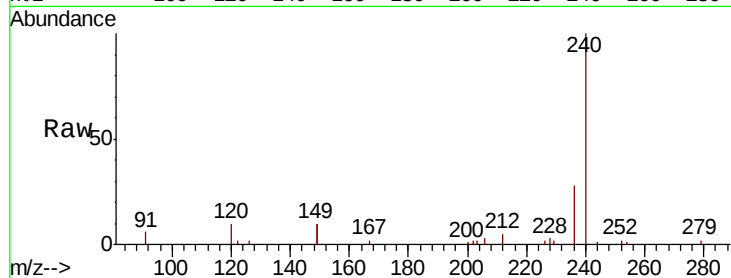
Tot Ion:240 Resp: 8906

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

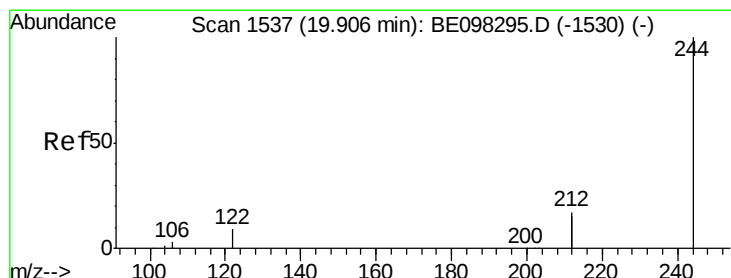
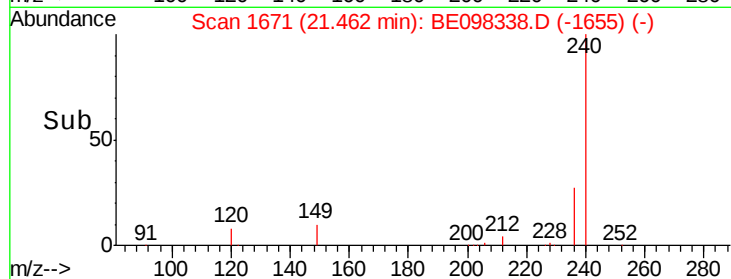
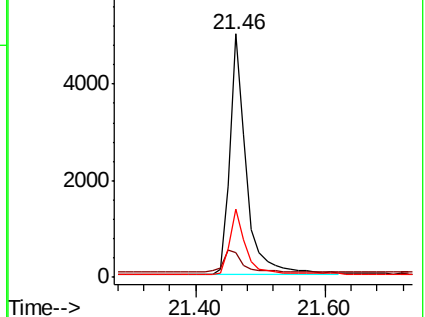
236 28.1 22.7 34.1



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: 0.639 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098338.D

Acq: 11 Dec 2018 18:18

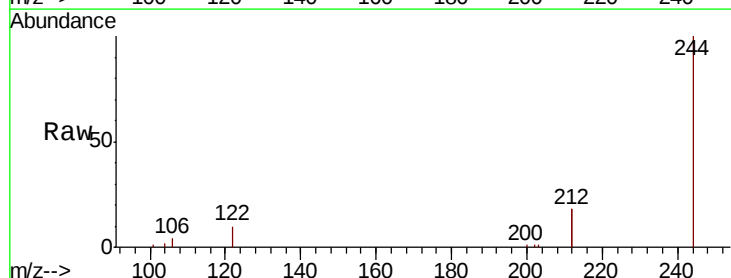
Tgt Ion:244 Resp: 13834

Ion Ratio Lower Upper

244 100

212 35.1 27.4 41.0

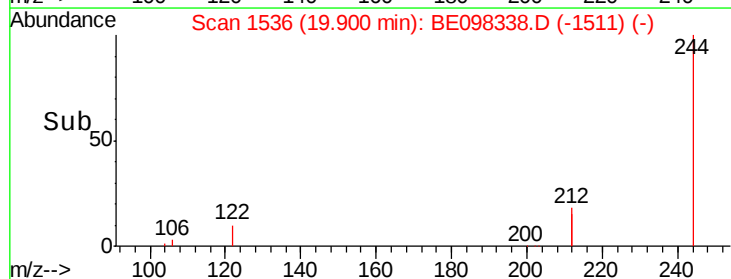
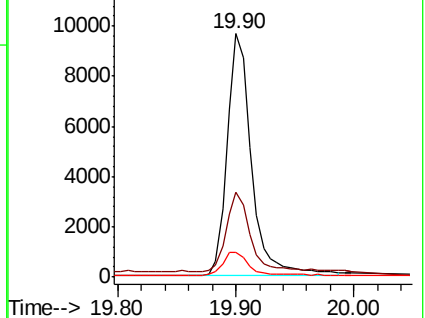
122 10.2 8.3 12.5

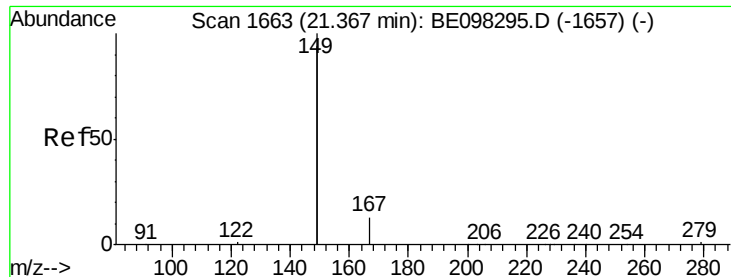


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

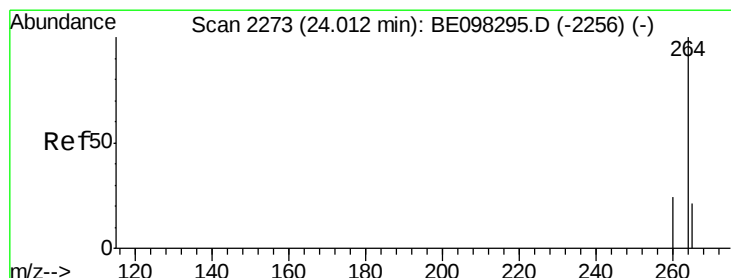
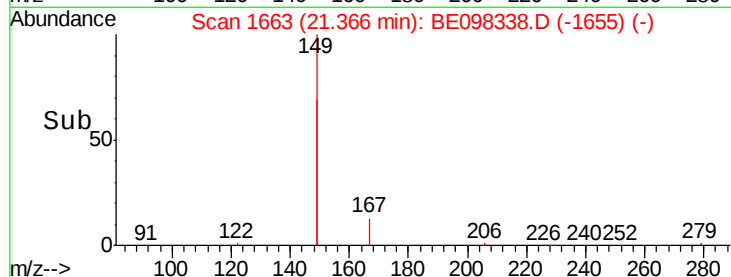
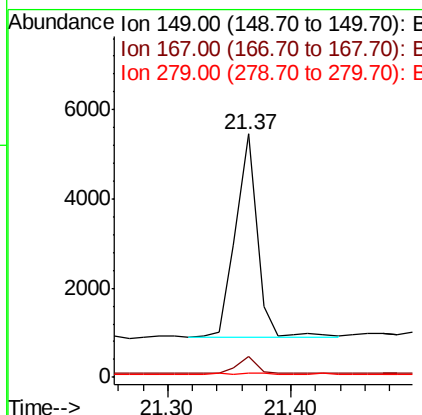
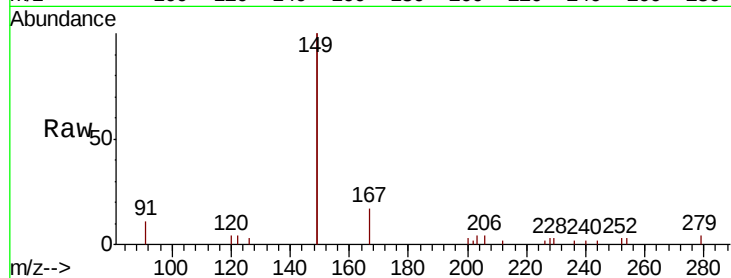




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.110 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098338.D
 Acq: 11 Dec 2018 18:18

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 5671
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.7 8.5
 279 1.5 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098338.D
 Acq: 11 Dec 2018 18:18

Tgt Ion:264 Resp: 8399
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.2 30.2
 265 29.8 25.2 37.8

