

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098339.D
 Acq On : 11 Dec 2018 18:57
 Operator : SJ/JU
 Sample : J6288-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 12 17:23:43 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

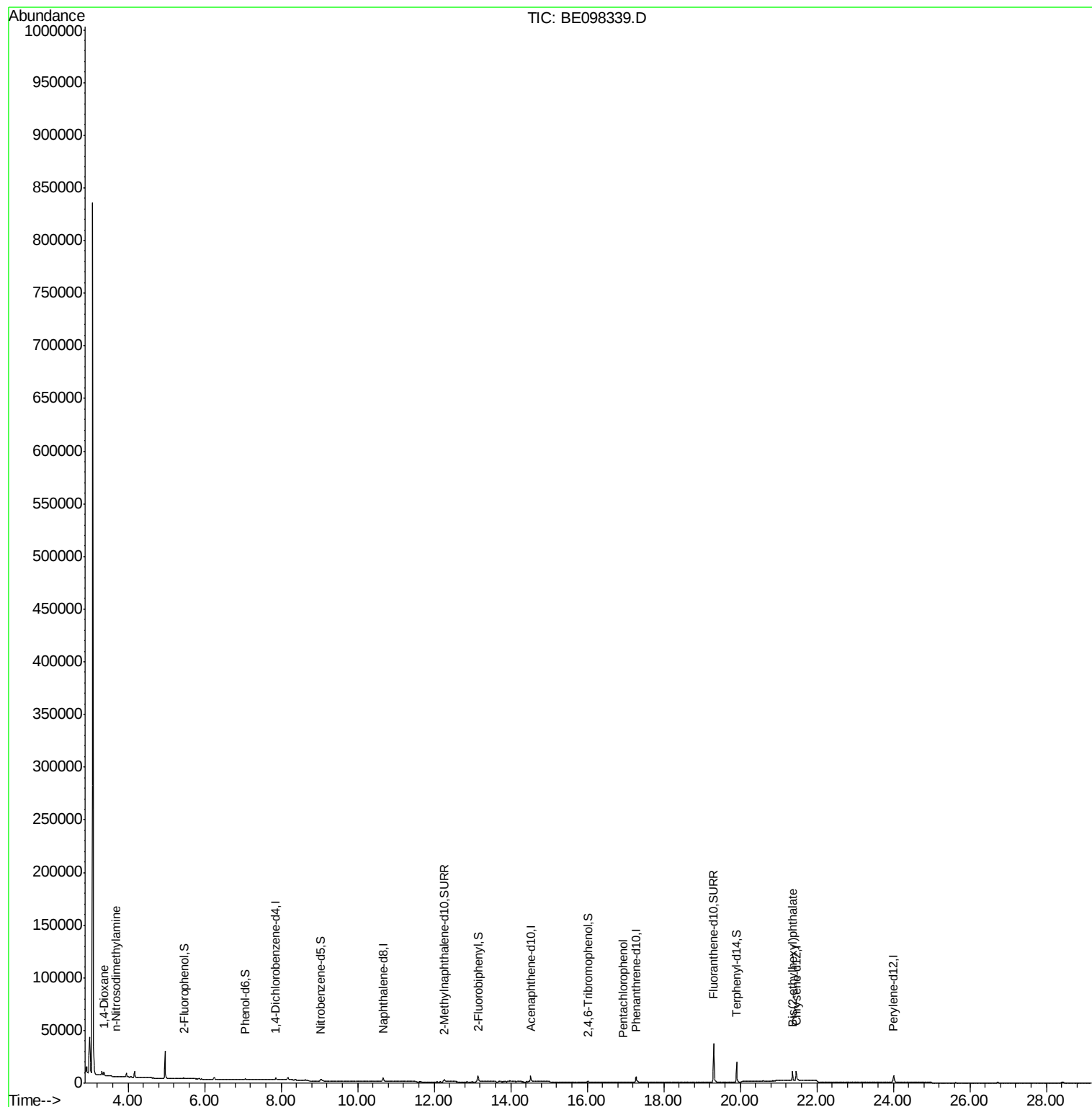
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1252	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5237	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3370	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9123	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11257	0.40	ng	0.00
34) Perylene-d12	24.00	264	10930	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	567	0.19	ng	0.01
5) Phenol-d6	7.05	99	427	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	2035	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3745	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	668	0.54	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6966	0.49	ng	0.00
25) Fluoranthene-d10	19.31	212	57883	0.49	ng	0.00
29) Terphenyl-d14	19.90	244	18541	0.68	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	1922	0.888	ng	Qvalue # 89
3) n-Nitrosodimethylamine	3.68	42	84	0.043	ng	# 100
22) Pentachlorophenol	16.94	266	22	0.043	ng	# 77
32) Bis(2-ethylhexyl)phthalate	21.37	149	10590	0.163	ng	99

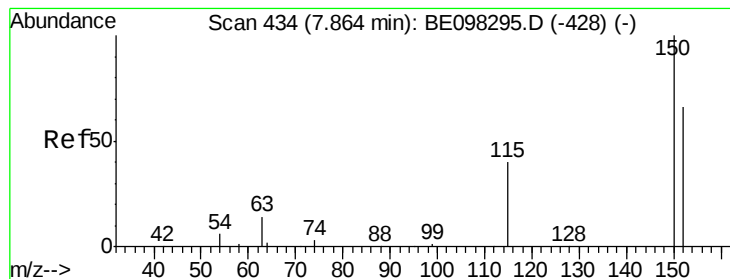
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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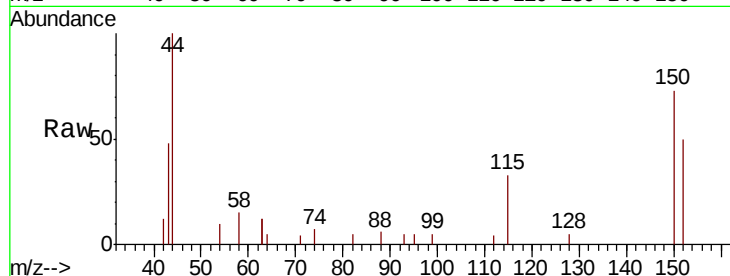


#1

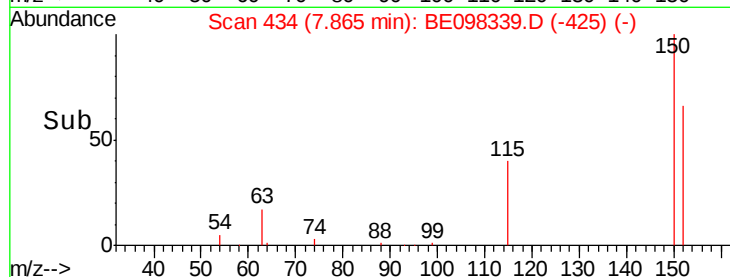
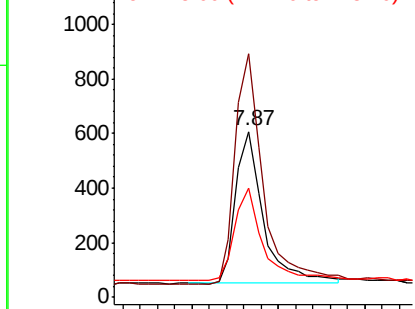
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098339.D
Acq: 11 Dec 2018 18:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1252
Ion Ratio Lower Upper
152 100
150 147.0 124.2 186.4
115 66.1 53.9 80.9



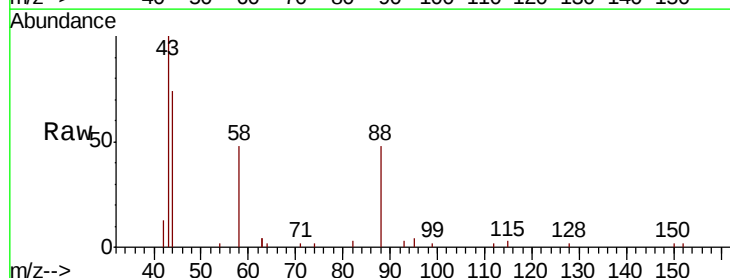
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



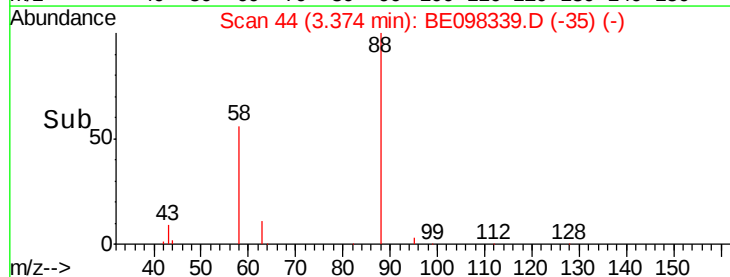
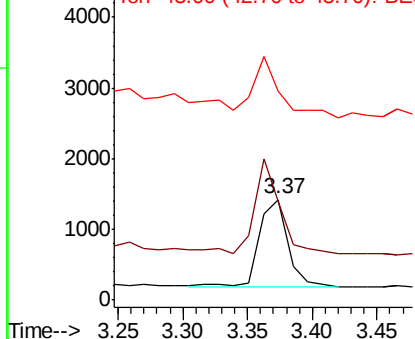
#2

1,4-Dioxane
Concen: 0.888 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098339.D
Acq: 11 Dec 2018 18:57

Tgt Ion: 88 Resp: 1922
Ion Ratio Lower Upper
88 100
58 95.9 75.0 112.6
43 66.4 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



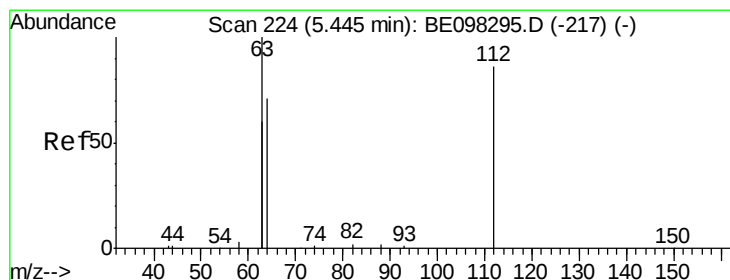
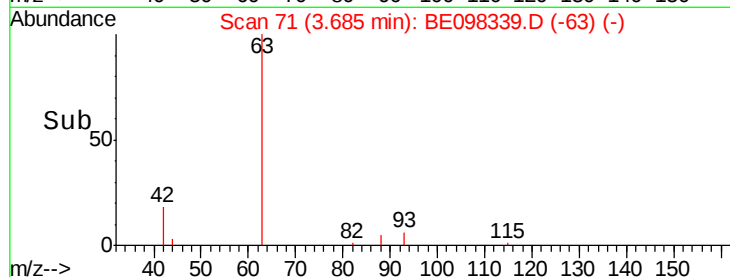
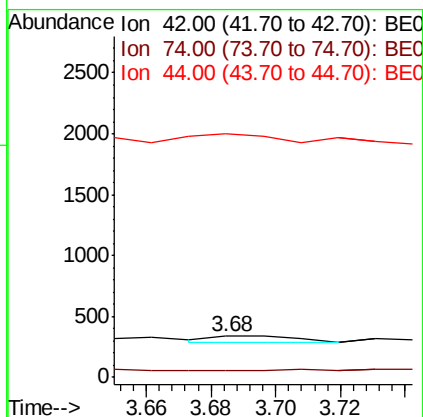
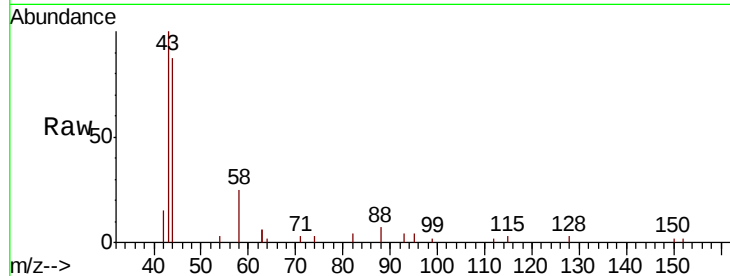


#3

n-Nitrosodimethylamine
 Concen: 0.043 ng
 RT: 3.68 min Scan# 71
 Delta R.T. -0.01 min
 Lab File: BE098339.D
 Acq: 11 Dec 2018 18:57

Instrument :
 BNA_E
 ClientSampled :

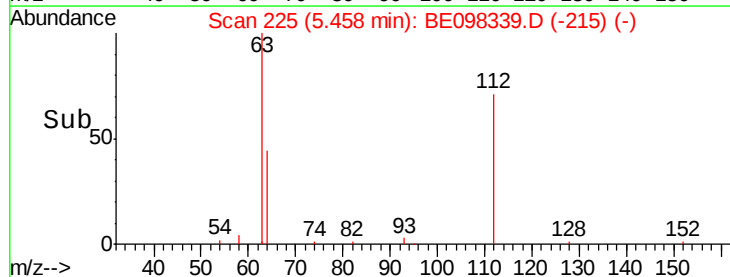
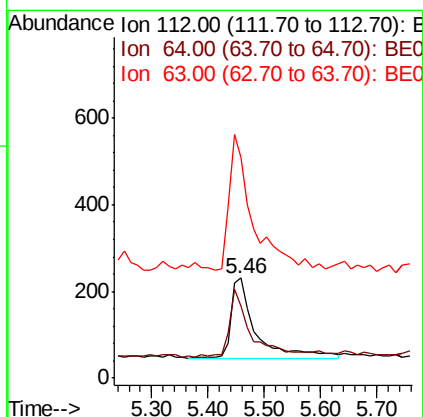
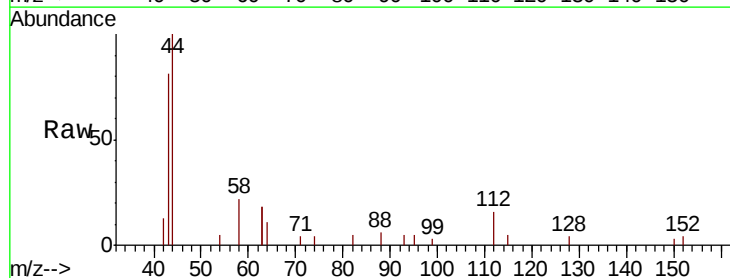
Tot Ion: 42 Resp: 84
 Ion Ratio Lower Upper
 42 100
 74 0.0 0.0 0.0
 44 257.1 0.0 0.0#

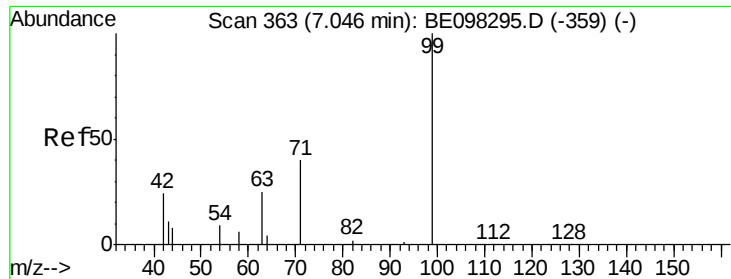


#4

2-Fluorophenol
 Concen: 0.194 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098339.D
 Acq: 11 Dec 2018 18:57

Tgt Ion: 112 Resp: 567
 Ion Ratio Lower Upper
 112 100
 64 74.4 59.8 89.8
 63 166.3 133.7 200.5





#5

Phenol-d6

Concen: 0.103 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098339.D

Acq: 11 Dec 2018 18:57

Instrument :

BNA_E

ClientSampled :

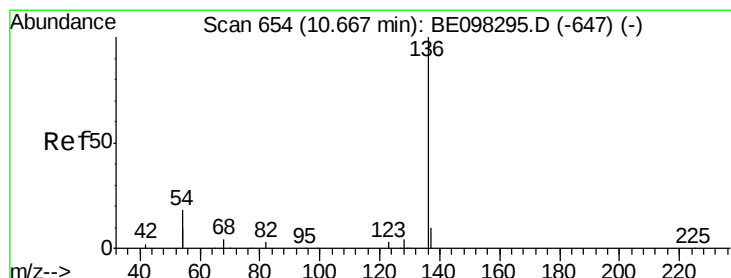
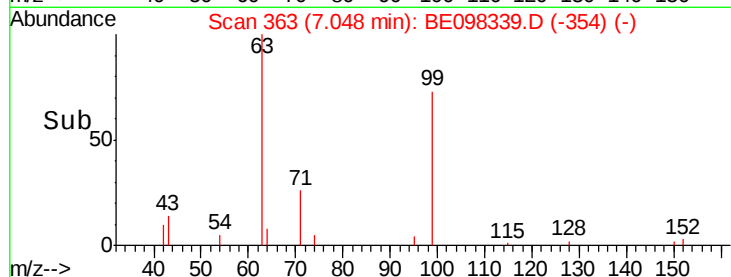
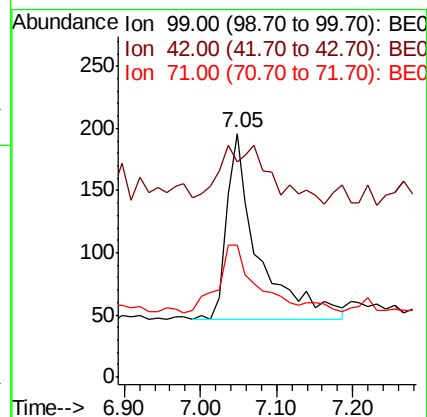
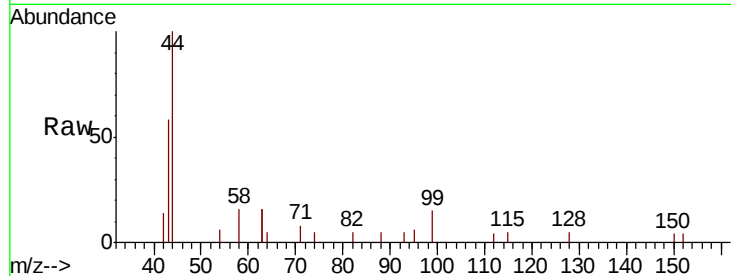
Tot Ion: 99 Resp: 427

Ion Ratio Lower Upper

99 100

42 52.0 26.3 39.5#

71 43.8 33.6 50.4



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098339.D

Acq: 11 Dec 2018 18:57

Tgt Ion: 136 Resp: 5237

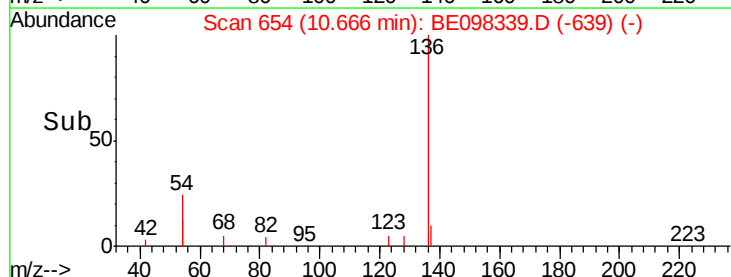
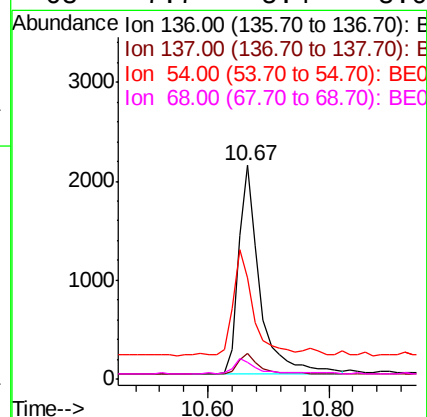
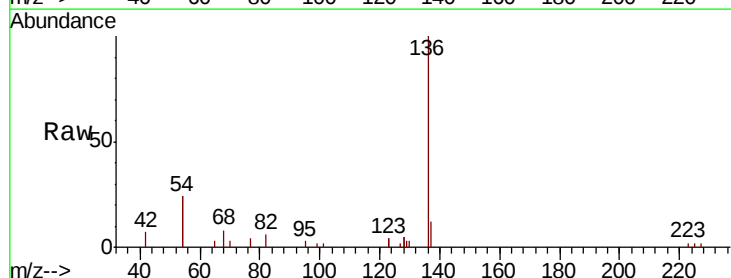
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 47.1 28.4 42.6#

68 7.7 5.4 8.0

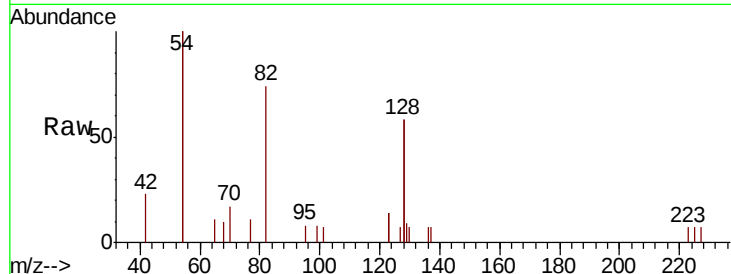




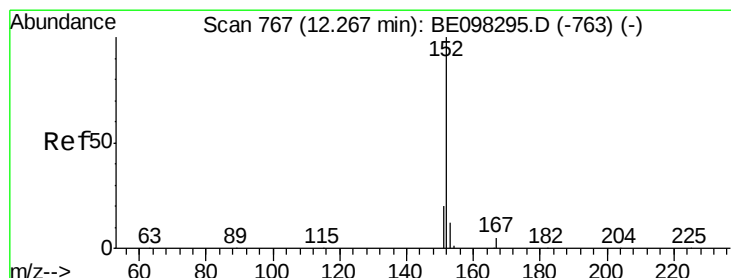
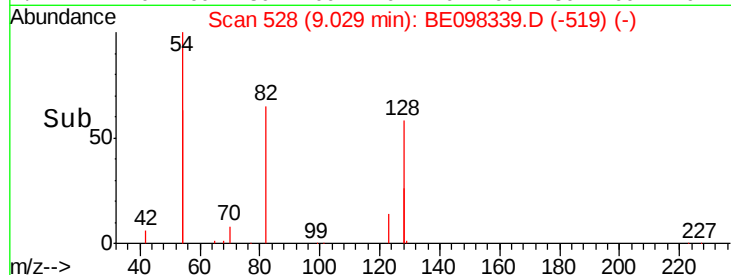
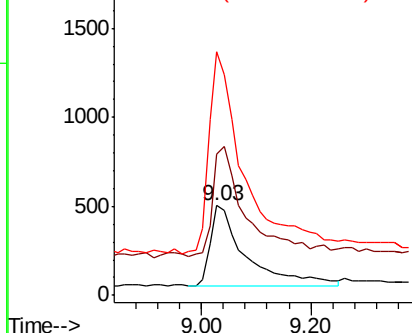
#8
 Nitrobenzene-d5
 Concen: 0.427 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098339.D
 Acq: 11 Dec 2018 18:57

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 82 Resp: 2035
 Ion Ratio Lower Upper
 82 100
 128 156.4 102.4 153.6#
 54 270.9 221.8 332.8

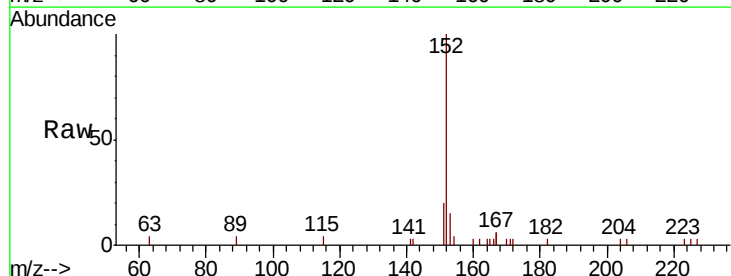


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

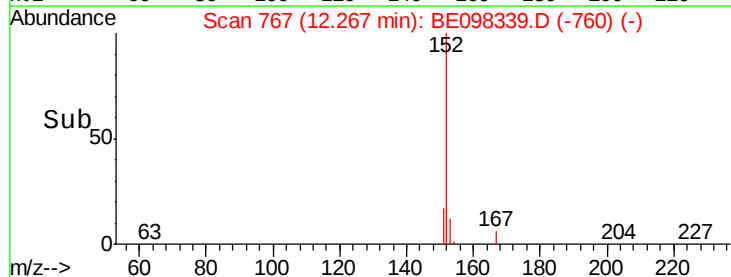
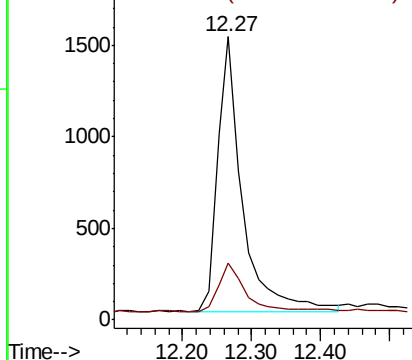


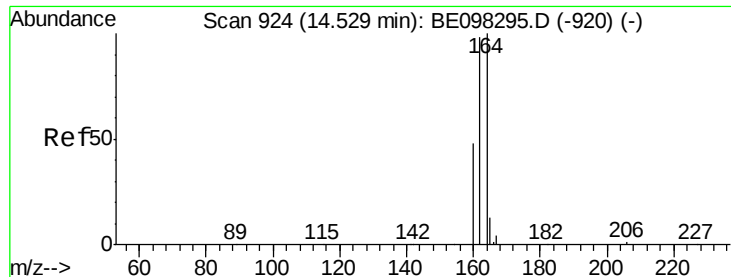
#11
 2-Methylnaphthalene-d10
 Concen: 0.440 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098339.D
 Acq: 11 Dec 2018 18:57

Tgt Ion:152 Resp: 3745
 Ion Ratio Lower Upper
 152 100
 151 19.5 16.2 24.4



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

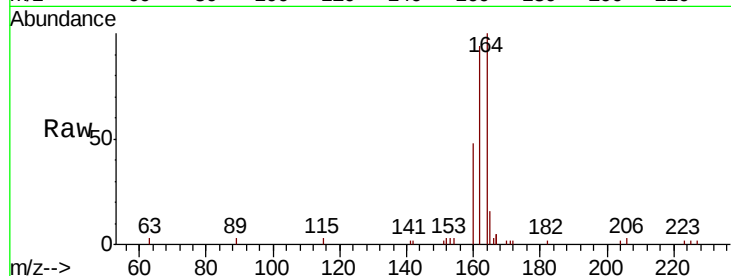




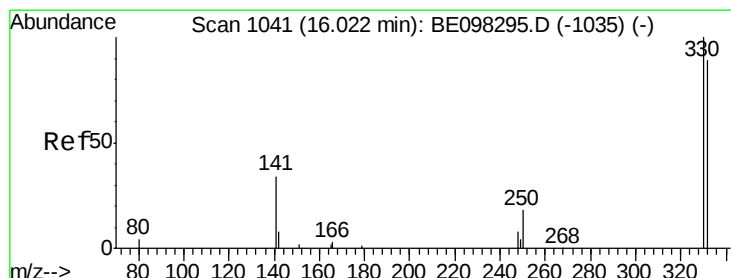
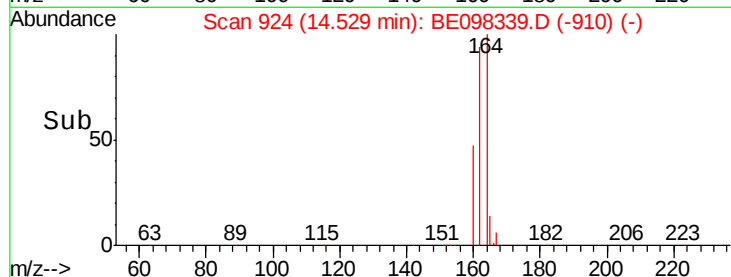
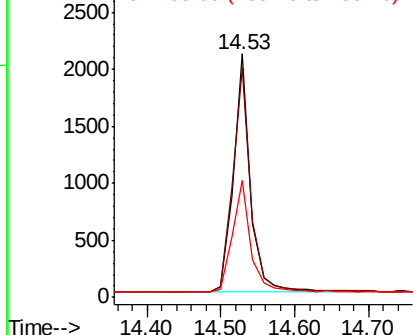
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098339.D
Acq: 11 Dec 2018 18:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 3370
Ion Ratio Lower Upper
164 100
162 94.1 77.6 116.4
160 48.0 36.0 54.0

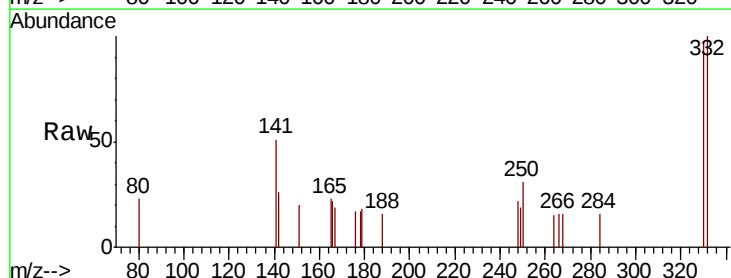


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

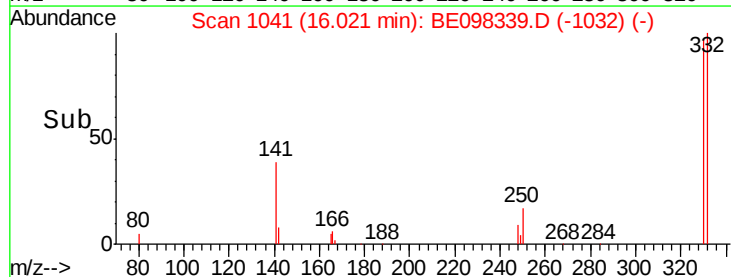
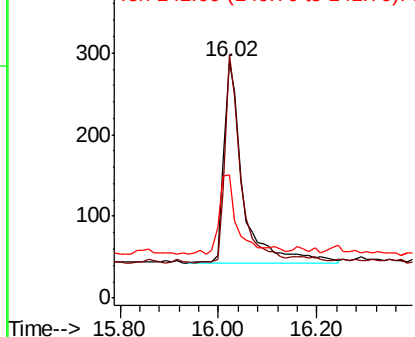


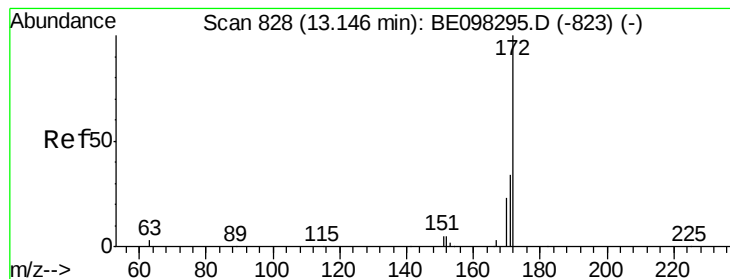
#14
2,4,6-Tribromophenol
Concen: 0.540 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098339.D
Acq: 11 Dec 2018 18:57

Tgt Ion:330 Resp: 668
Ion Ratio Lower Upper
330 100
332 87.1 76.2 114.4
141 35.6 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

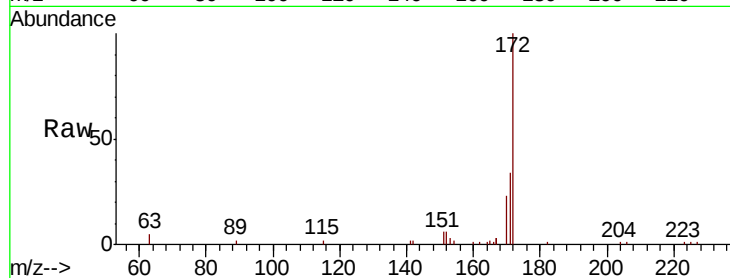




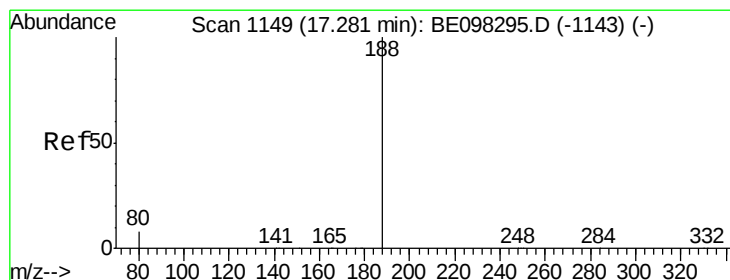
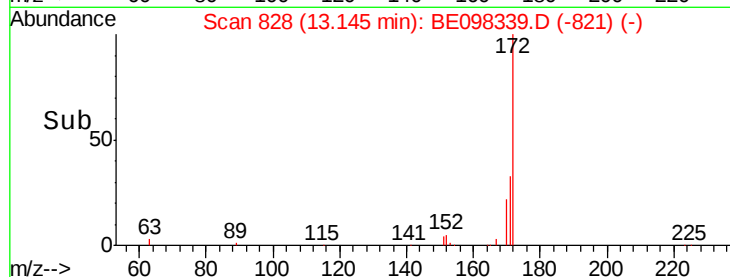
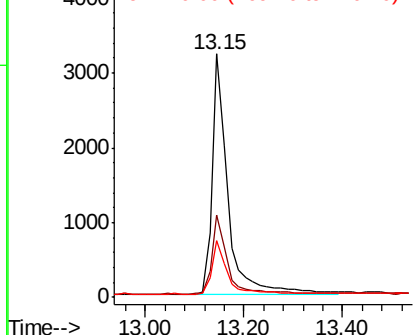
#15
2-Fluorobiphenyl
Concen: 0.490 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098339.D
Acq: 11 Dec 2018 18:57

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 6966
Ion Ratio Lower Upper
172 100
171 34.0 27.5 41.3
170 23.2 19.6 29.4

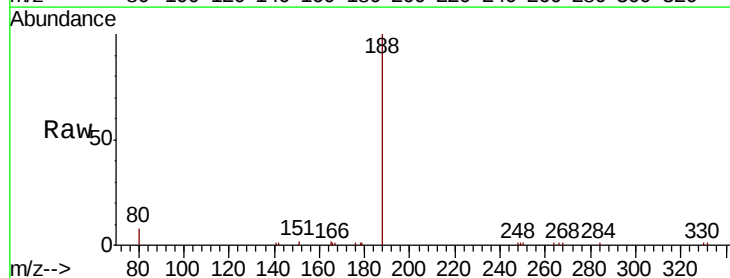


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

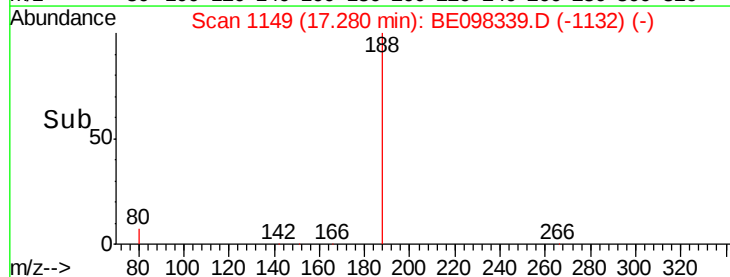
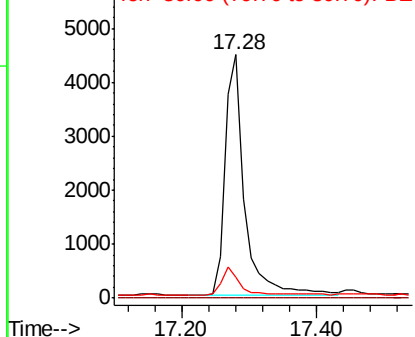


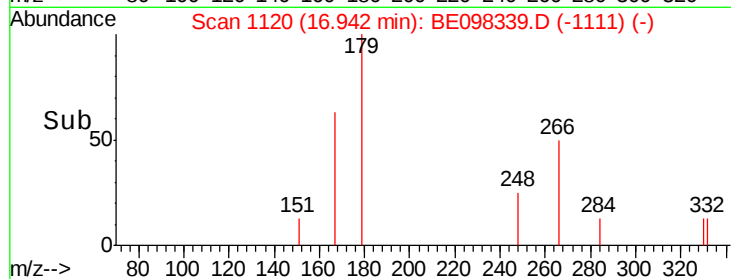
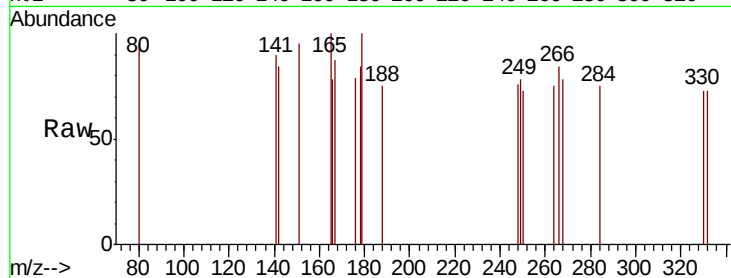
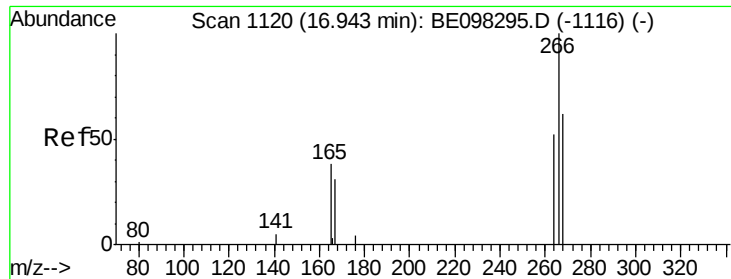
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098339.D
Acq: 11 Dec 2018 18:57

Tgt Ion:188 Resp: 9123
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 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

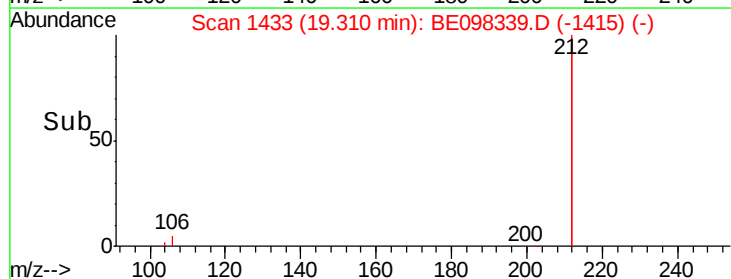
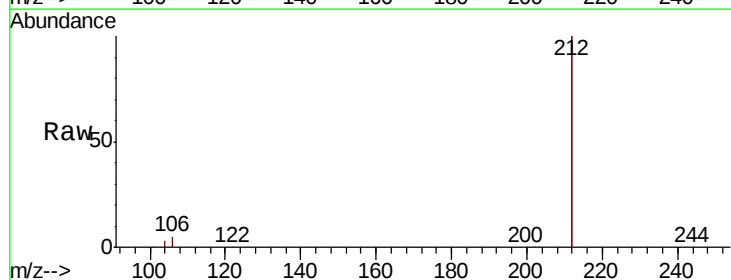
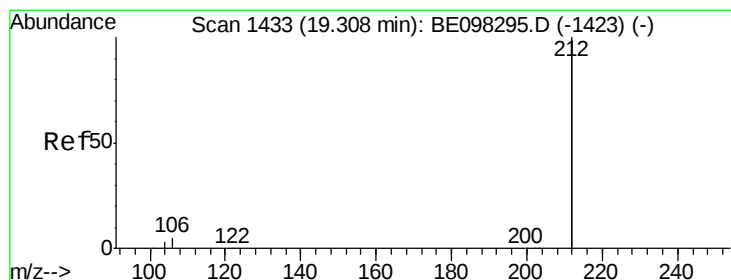
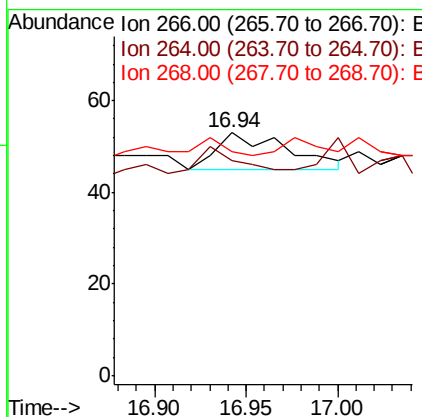




#22
Pentachlorophenol
Concen: 0.043 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098339.D
Acq: 11 Dec 2018 18:57

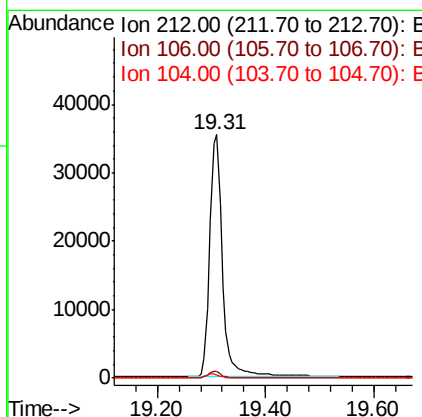
Instrument :
BNA_E
ClientSampleId :

Tot Ion:266 Resp: 22
Ion Ratio Lower Upper
266 100
264 88.7 59.0 88.4#
268 92.5 55.1 82.7#



#25
Fluoranthene-d10
Concen: 0.495 ng
RT: 19.31 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE098339.D
Acq: 11 Dec 2018 18:57

Tgt Ion:212 Resp: 57883
Ion Ratio Lower Upper
212 100
106 2.7 2.2 3.2
104 1.5 1.3 1.9

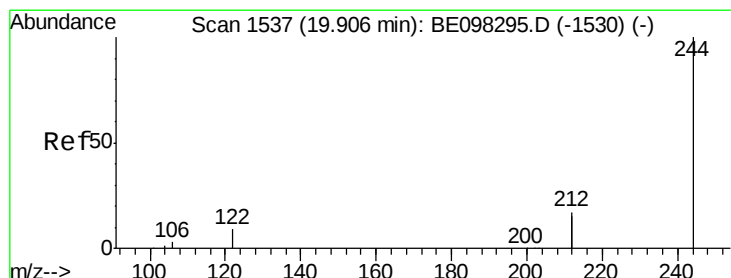
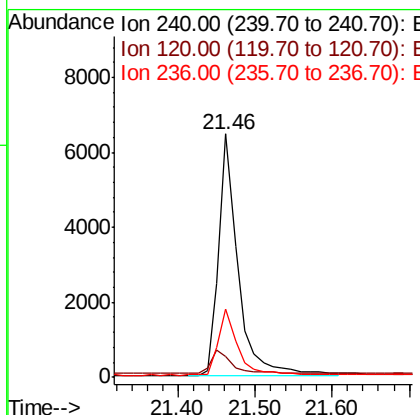
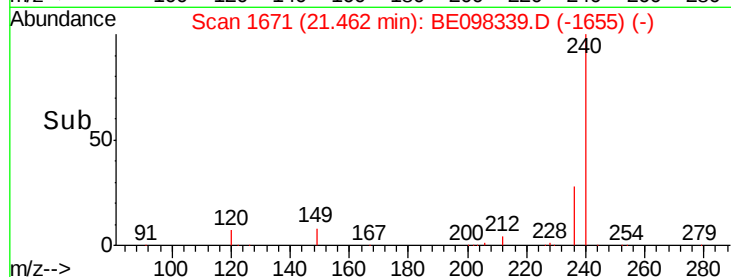
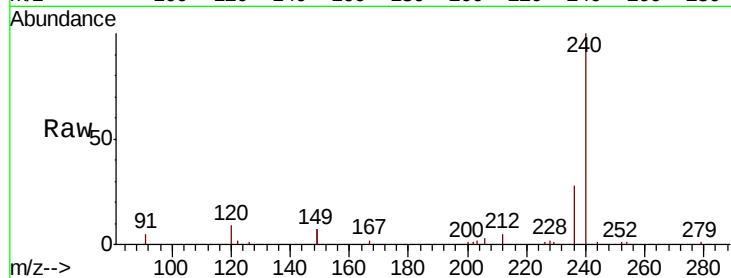




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098339.D
Acq: 11 Dec 2018 18:57

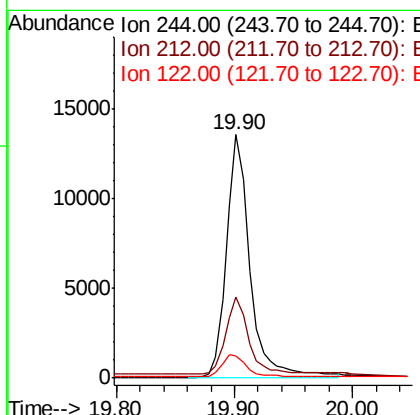
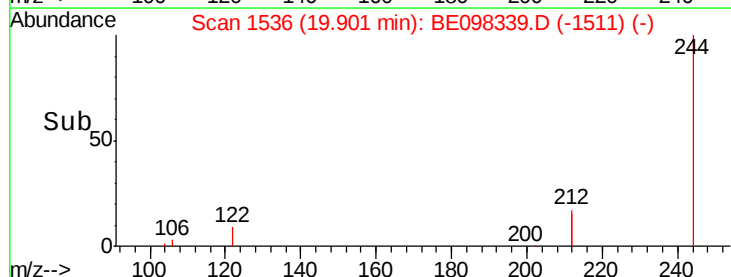
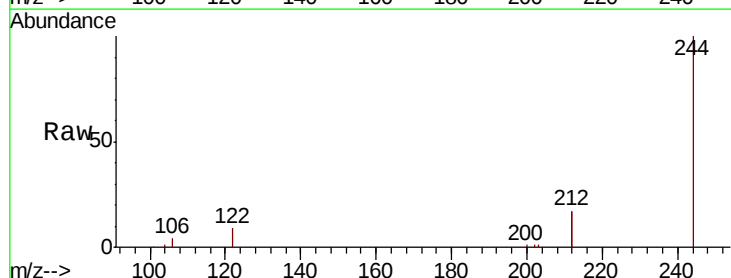
Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 11257
Ion Ratio Lower Upper
240 100
120 8.6 9.5 14.3#
236 28.2 22.7 34.1



#29
Terphenyl-d14
Concen: 0.678 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BE098339.D
Acq: 11 Dec 2018 18:57

Tgt Ion:244 Resp: 18541
Ion Ratio Lower Upper
244 100
212 33.4 27.4 41.0
122 9.3 8.3 12.5





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.163 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098339.D

Acq: 11 Dec 2018 18:57

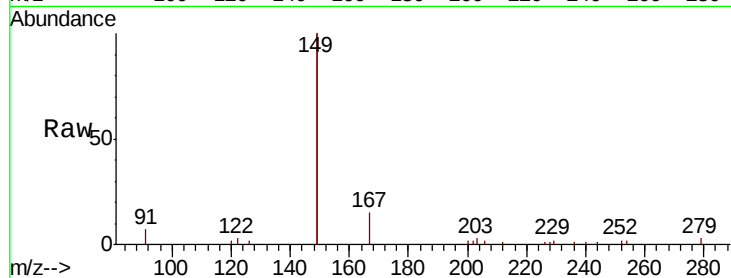
Instrument :

BNA_E

ClientSampleId :

Tot Ion:149 Resp: 10590

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.7	8.5
279	1.1	1.0	1.4

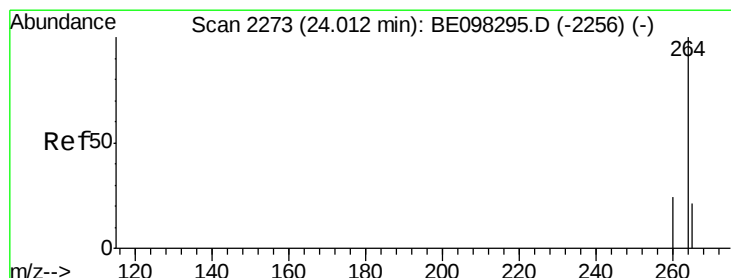
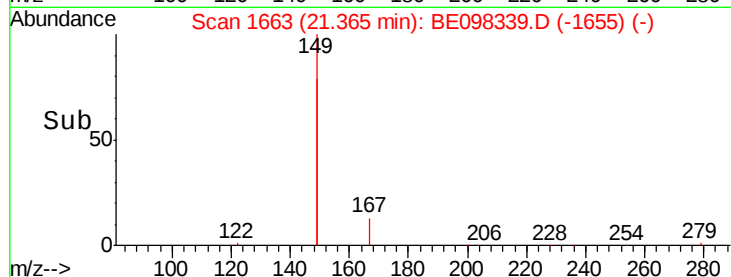
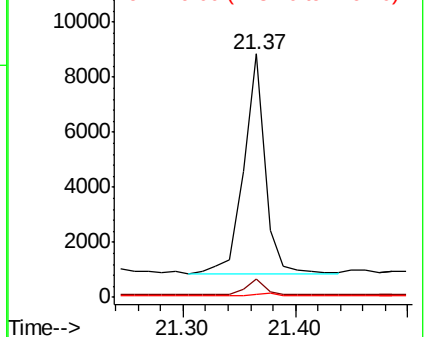


Abundance

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

Perylene-d12

Concen: 0.400 ng

RT: 24.00 min Scan# 2271

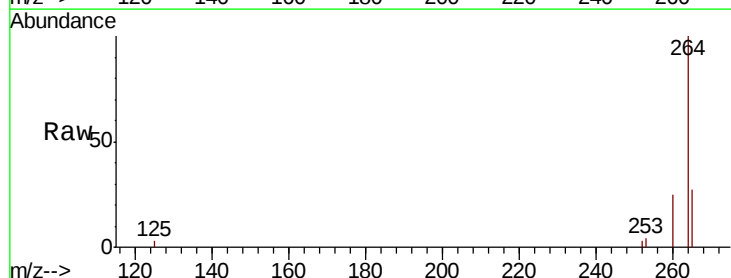
Delta R.T. -0.01 min

Lab File: BE098339.D

Acq: 11 Dec 2018 18:57

Tgt Ion:264 Resp: 10930

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.2
265	27.1	25.2	37.8



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

