

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
 Data File : BE098327.D
 Acq On : 11 Dec 2018 10:42
 Operator : SJ/JU
 Sample : PB115420BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 11 11:15:23 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

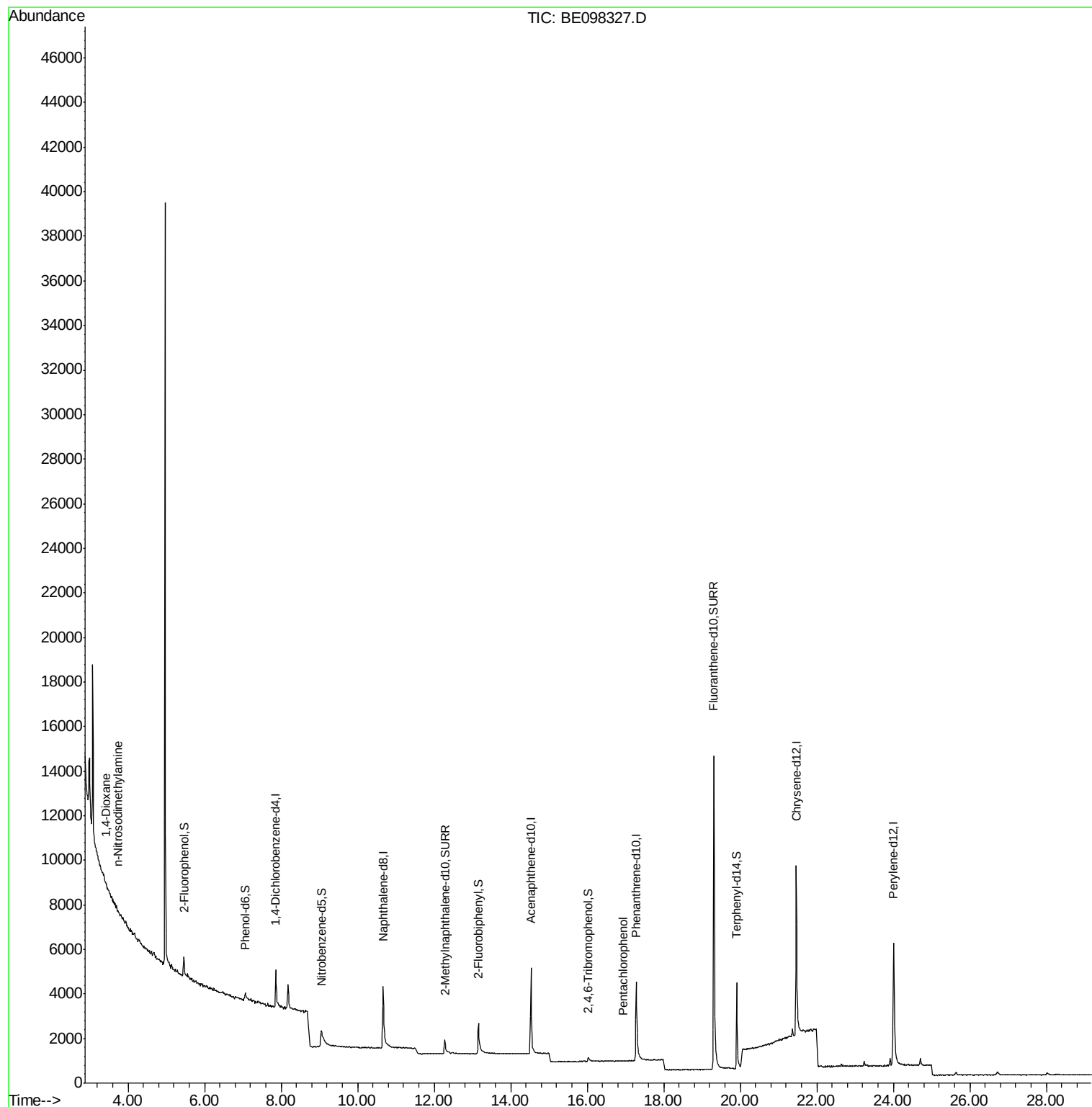
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1112	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4665	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2844	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7866	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10372	0.40	ng	0.00
34) Perylene-d12	24.01	264	10331	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	701	0.27	ng	0.01
5) Phenol-d6	7.07	99	751	0.20	ng	0.02
8) Nitrobenzene-d5	9.05	82	871	0.21	ng	0.04
11) 2-Methylnaphthalene-d10	12.28	152	1603	0.21	ng	0.02
14) 2,4,6-Tribromophenol	16.03	330	205	0.20	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2593	0.22	ng	0.02
25) Fluoranthene-d10	19.31	212	26151	0.26	ng	0.00
29) Terphenyl-d14	19.91	244	4729	0.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.42	88	40	0.021	ng	# 12
3) n-Nitrosodimethylamine	3.73	42	88	0.051	ng	# 100
22) Pentachlorophenol	16.93	266	6	0.025	ng	# 72

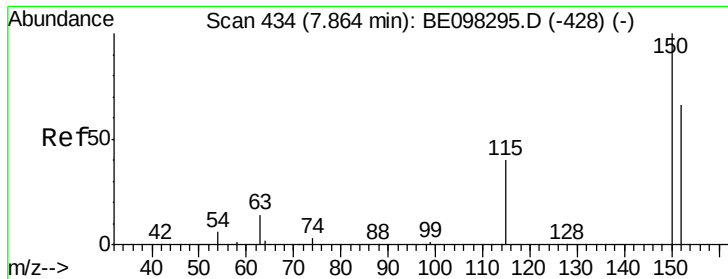
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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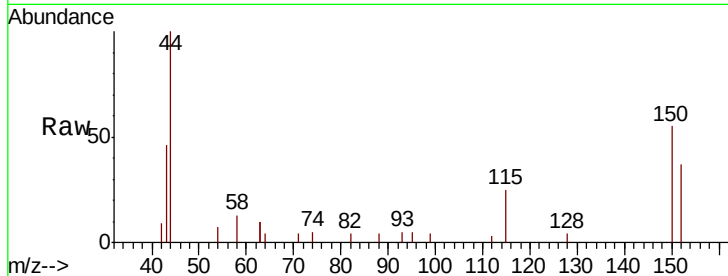


#1

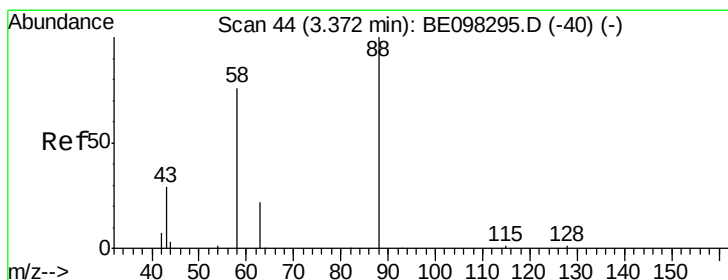
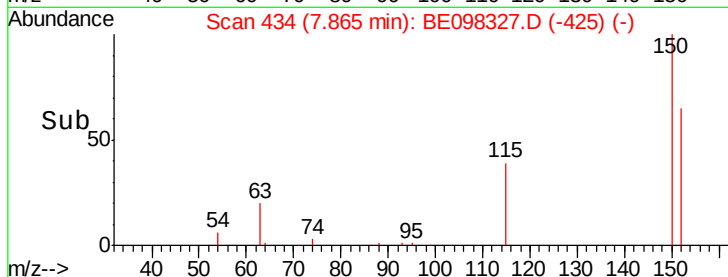
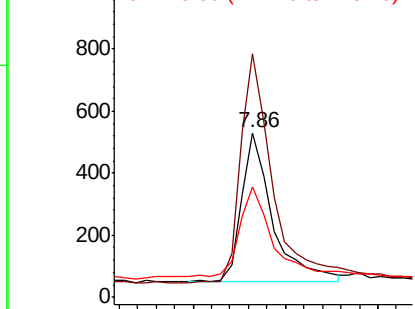
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098327.D
Acq: 11 Dec 2018 10:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1112
Ion Ratio Lower Upper
152 100
150 147.8 124.2 186.4
115 67.2 53.9 80.9



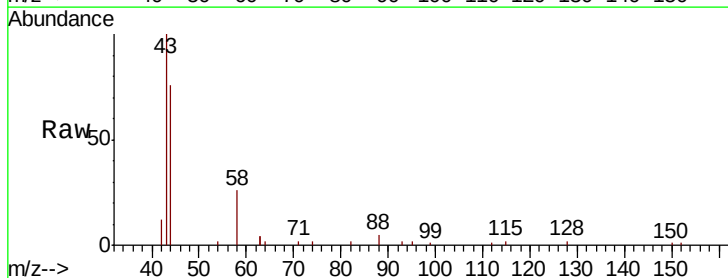
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



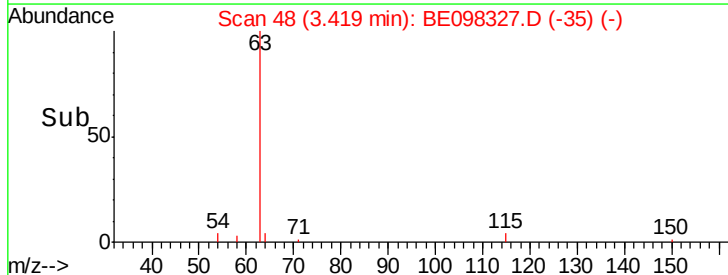
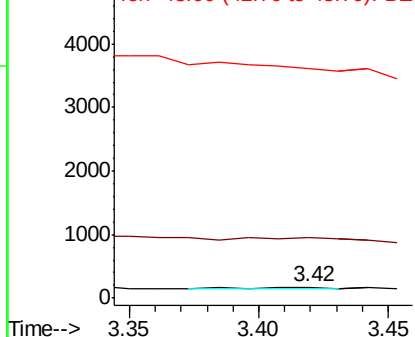
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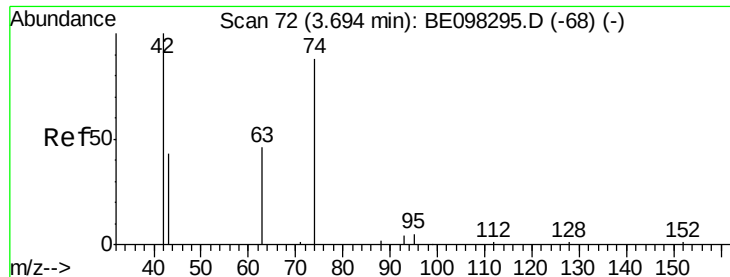
1,4-Dioxane
Concen: 0.021 ng
RT: 3.42 min Scan# 48
Delta R.T. 0.05 min
Lab File: BE098327.D
Acq: 11 Dec 2018 10:42

Tgt Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
58 0.0 75.0 112.6#
43 0.0 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



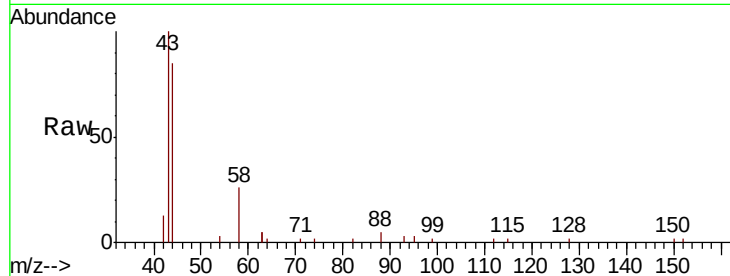


#3

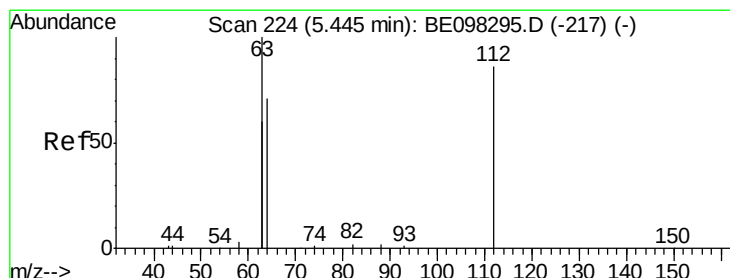
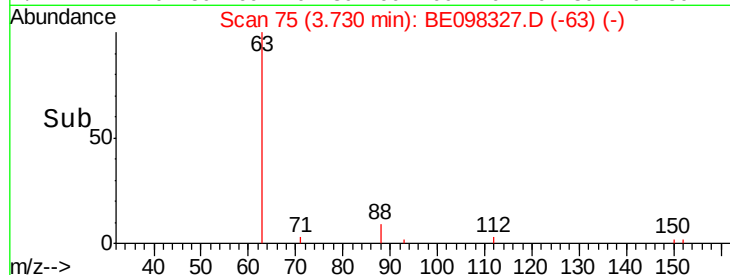
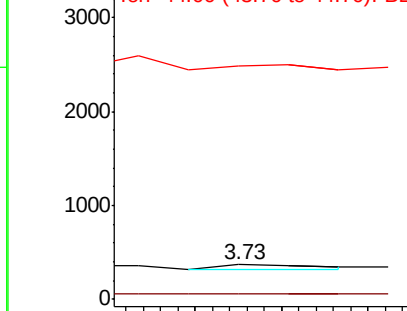
n-Nitrosodimethylamine
Concen: 0.051 ng
RT: 3.73 min Scan# 75
Delta R.T. 0.04 min
Lab File: BE098327.D
Acq: 11 Dec 2018 10:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 42 Resp: 88
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 0.0 0.0 0.0



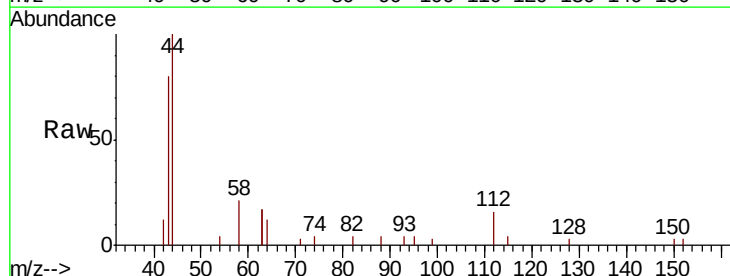
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



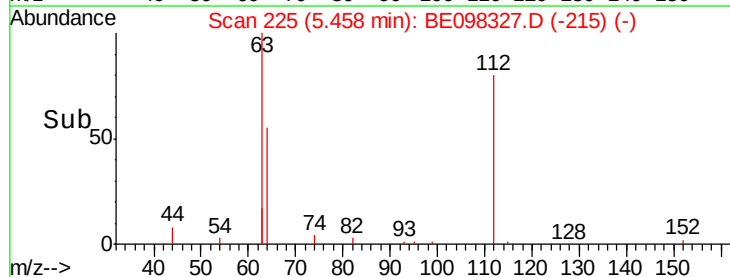
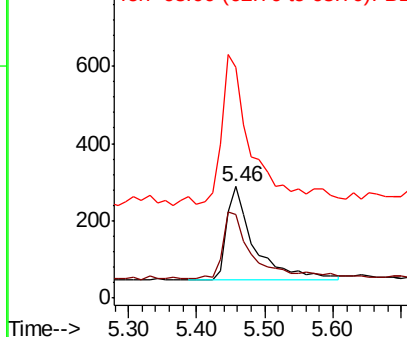
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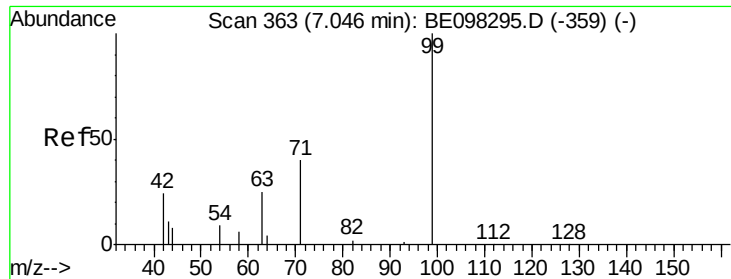
2-Fluorophenol
Concen: 0.269 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098327.D
Acq: 11 Dec 2018 10:42

Tgt Ion: 112 Resp: 701
Ion Ratio Lower Upper
112 100
64 79.6 59.8 89.8
63 164.1 133.7 200.5



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: 0.204 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098327.D

Acq: 11 Dec 2018 10:42

Instrument :

BNA_E

ClientSampled :

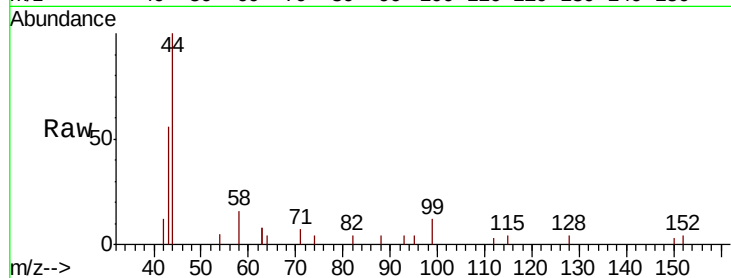
Tot Ion: 99 Resp: 751

Ion Ratio Lower Upper

99 100

42 26.5 26.3 39.5

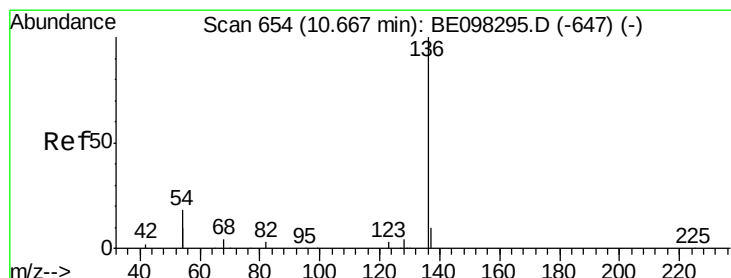
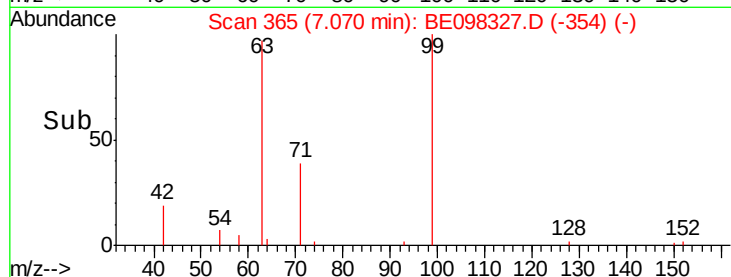
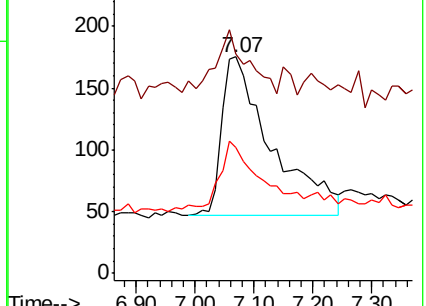
71 34.4 33.6 50.4



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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098327.D

Acq: 11 Dec 2018 10:42

Tgt Ion: 136 Resp: 4665

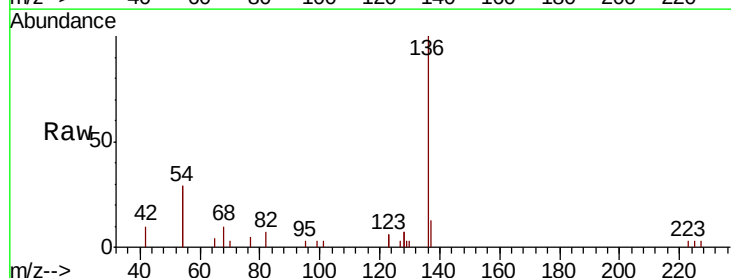
Ion Ratio Lower Upper

136 100

137 13.2 9.2 13.8

54 57.4 28.4 42.6#

68 10.2 5.4 8.0#

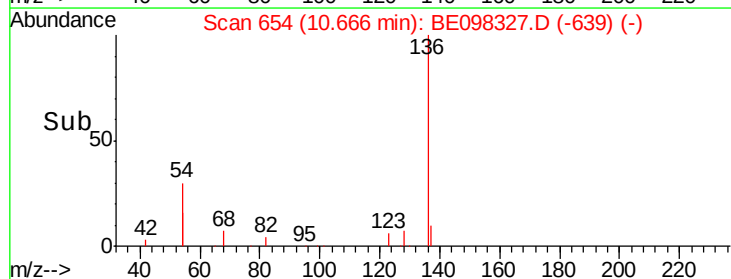
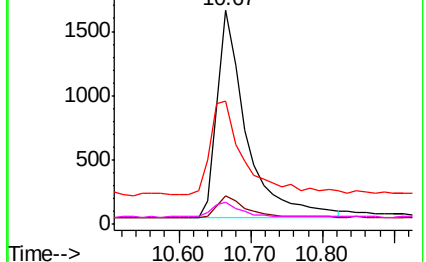


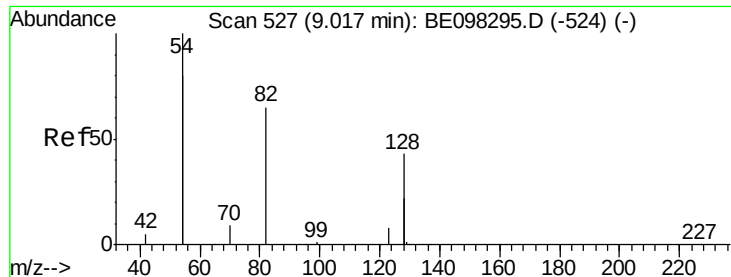
Abundance Ion 136.00 (135.70 to 136.70): E

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

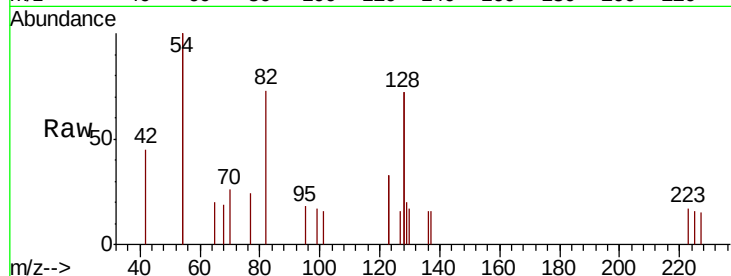




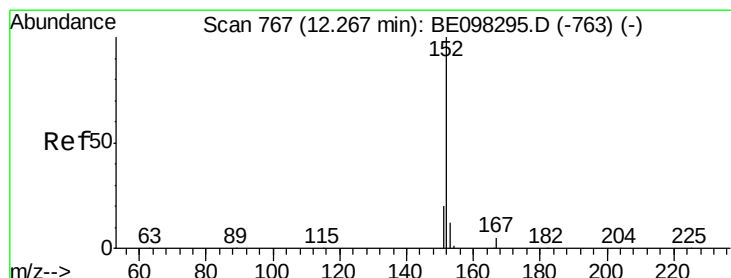
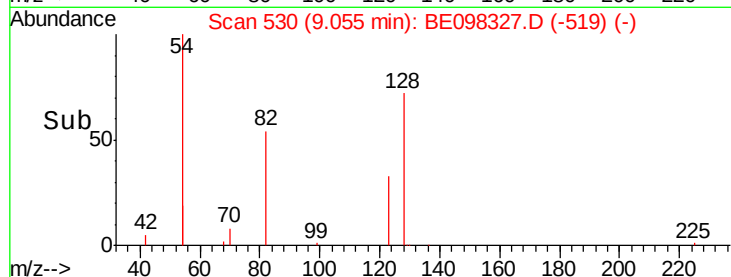
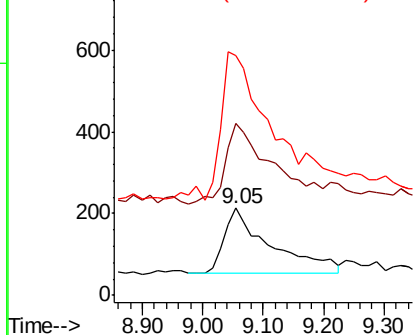
#8
 Nitrobenzene-d5
 Concen: 0.205 ng
 RT: 9.05 min Scan# 530
 Delta R.T. 0.04 min
 Lab File: BE098327.D
 Acq: 11 Dec 2018 10:42

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	197.2	102.4	153.6#
54	275.1	221.8	332.8

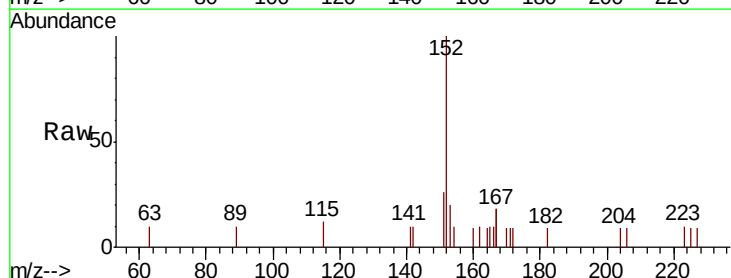


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

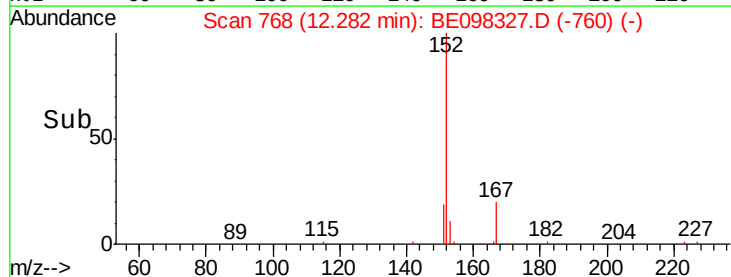
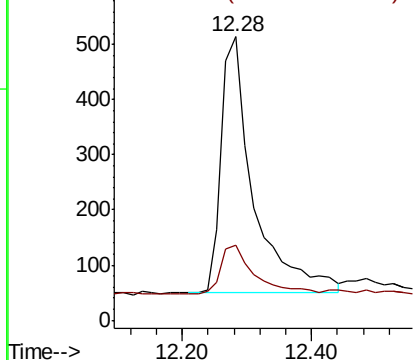


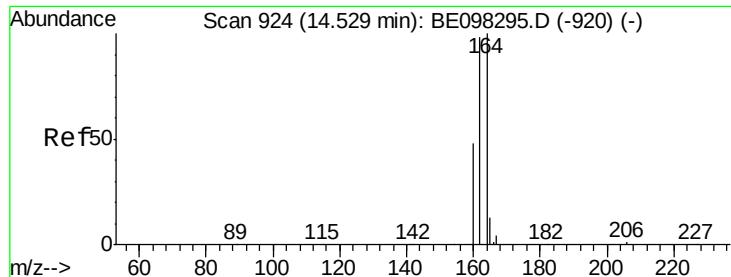
#11
 2-Methylnaphthalene-d10
 Concen: 0.211 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.02 min
 Lab File: BE098327.D
 Acq: 11 Dec 2018 10:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4



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

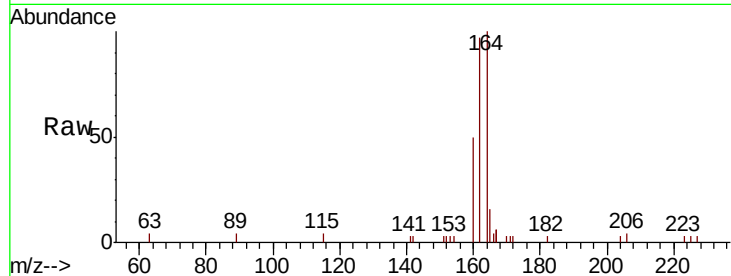




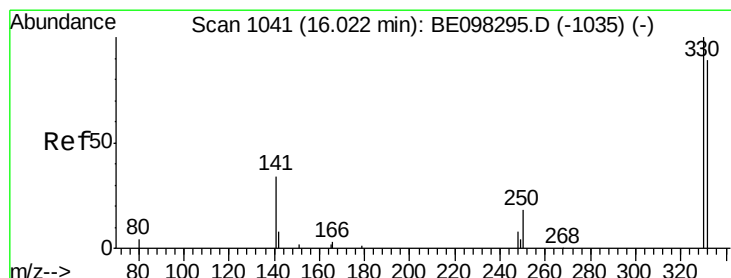
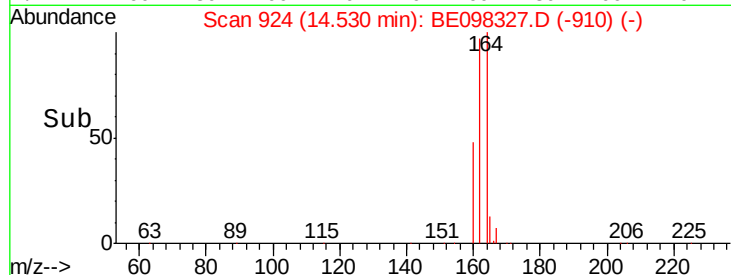
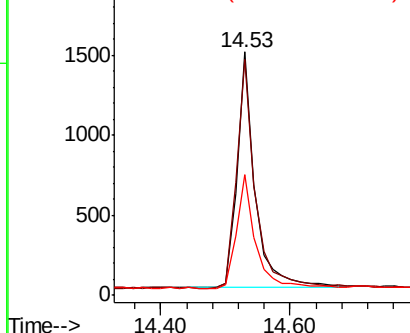
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098327.D
Acq: 11 Dec 2018 10:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 2844
Ion Ratio Lower Upper
164 100
162 96.7 77.6 116.4
160 49.6 36.0 54.0

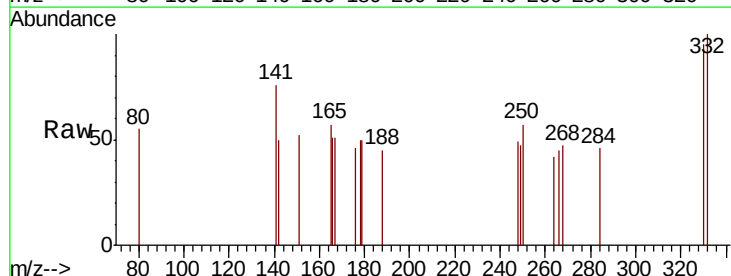


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

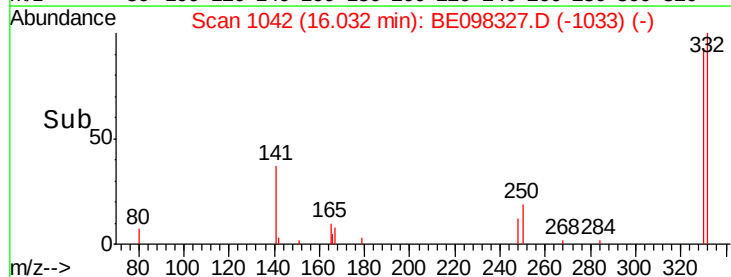
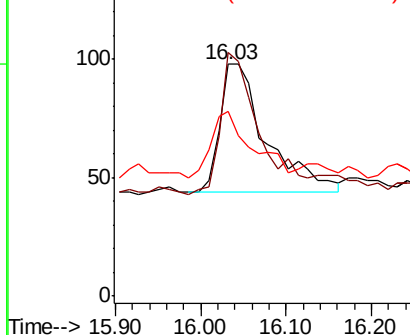


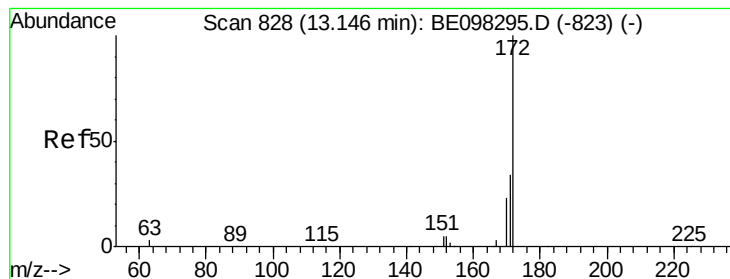
#14
2,4,6-Tribromophenol
Concen: 0.196 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098327.D
Acq: 11 Dec 2018 10:42

Tgt Ion:330 Resp: 205
Ion Ratio Lower Upper
330 100
332 92.2 76.2 114.4
141 46.8 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

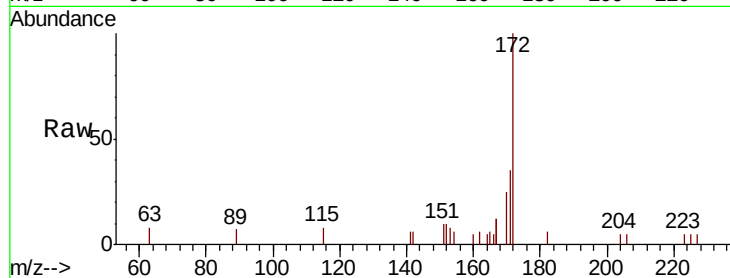




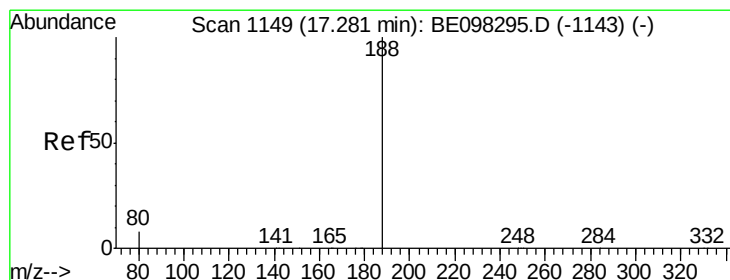
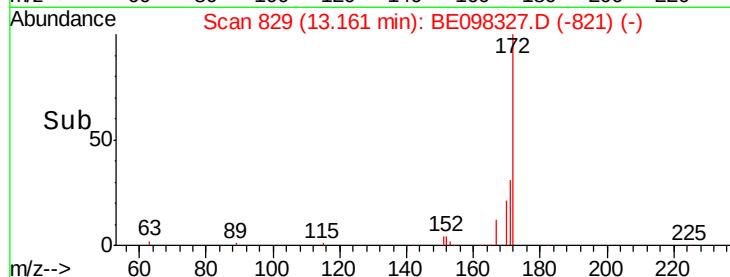
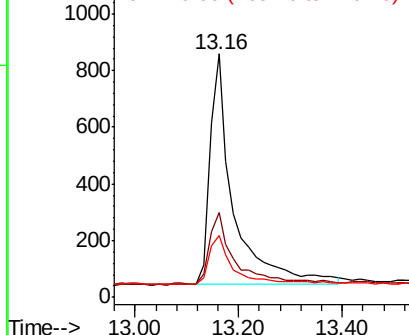
#15
2-Fluorobiphenyl
Concen: 0.216 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.02 min
Lab File: BE098327.D
Acq: 11 Dec 2018 10:42

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 2593
Ion Ratio Lower Upper
172 100
171 34.7 27.5 41.3
170 25.5 19.6 29.4

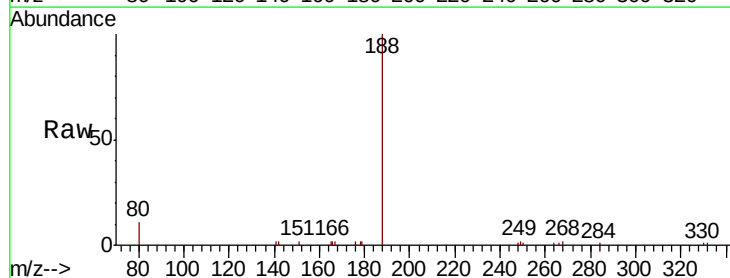


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

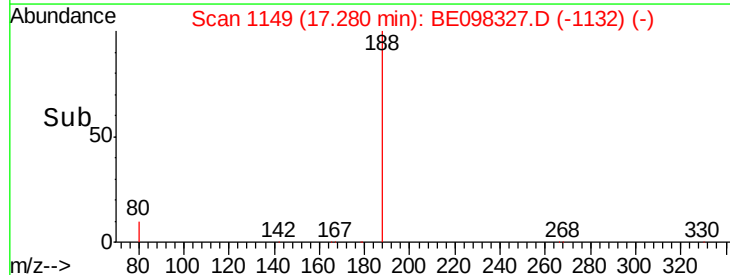
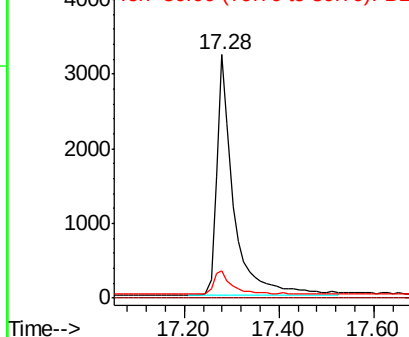


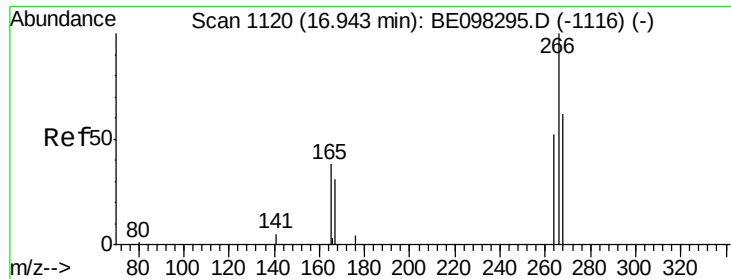
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098327.D
Acq: 11 Dec 2018 10:42

Tgt Ion:188 Resp: 7866
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 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

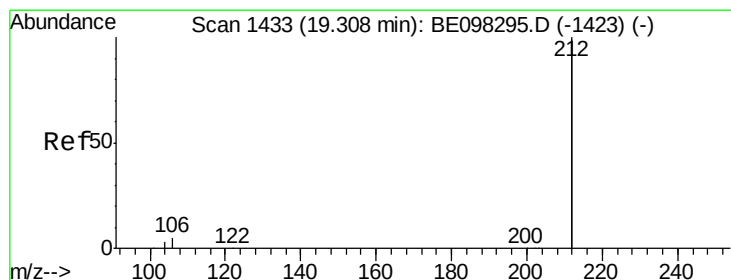
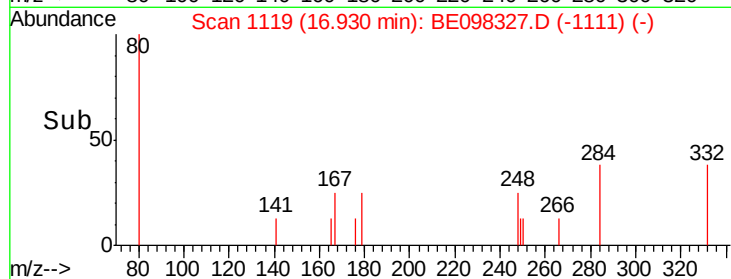
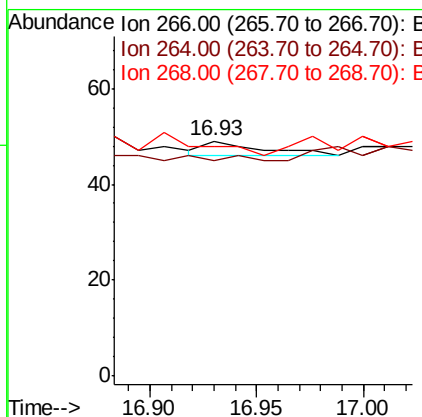
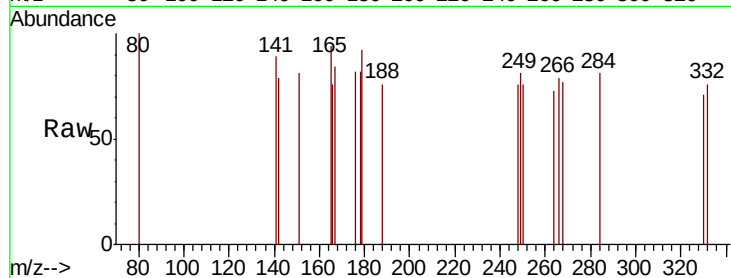




#22
 Pentachlorophenol
 Concen: 0.025 ng
 RT: 16.93 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BE098327.D
 Acq: 11 Dec 2018 10:42

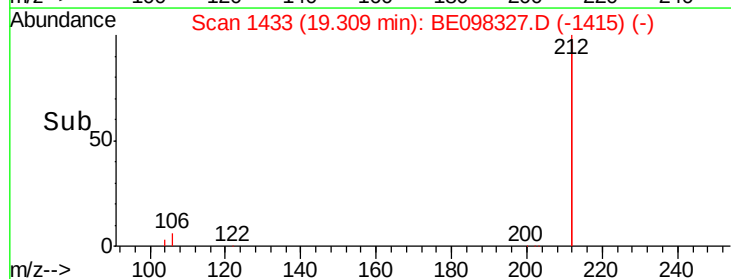
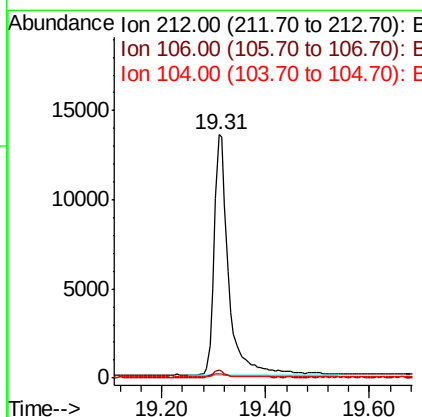
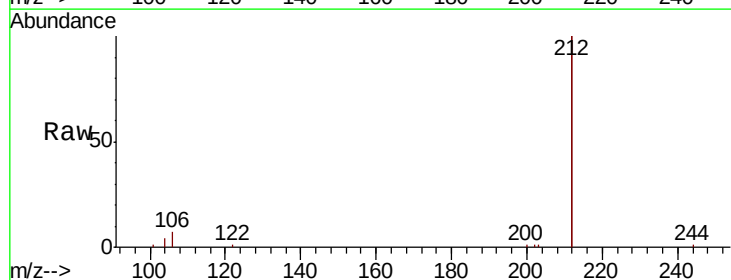
Instrument :
 BNA_E
 ClientSampleId :

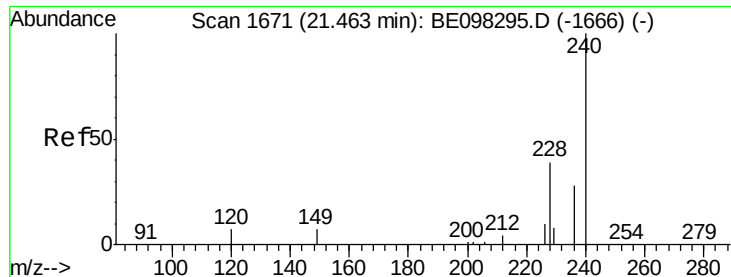
Tot Ion:266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 91.8 59.0 88.4#
 268 98.0 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.259 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098327.D
 Acq: 11 Dec 2018 10:42

Tgt Ion:212 Resp: 26151
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.2 3.2
 104 1.6 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: BE098327.D

Acq: 11 Dec 2018 10:42

Instrument :

BNA_E

ClientSampleId :

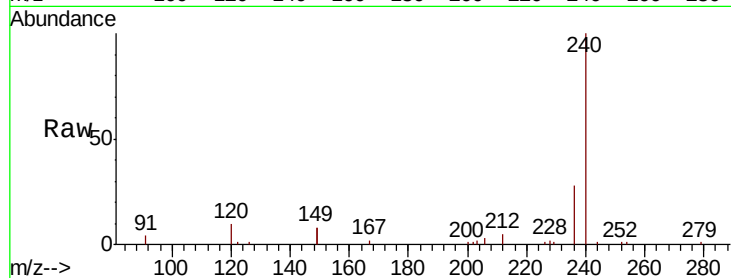
Tot Ion:240 Resp: 10372

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

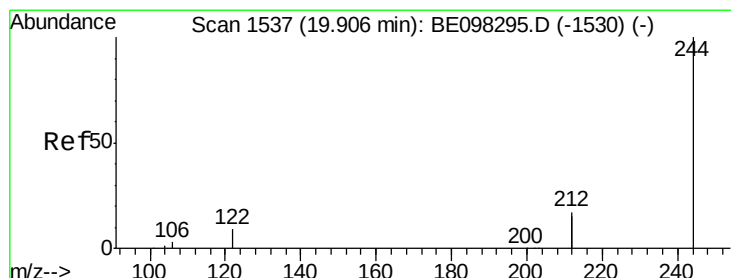
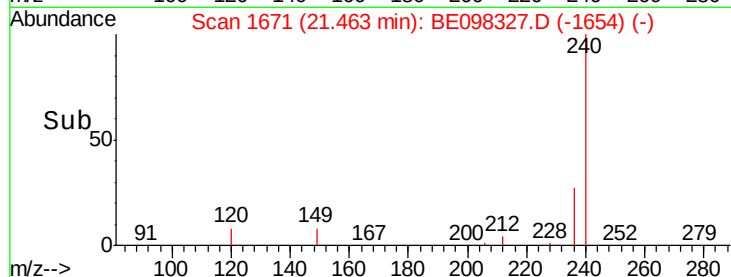
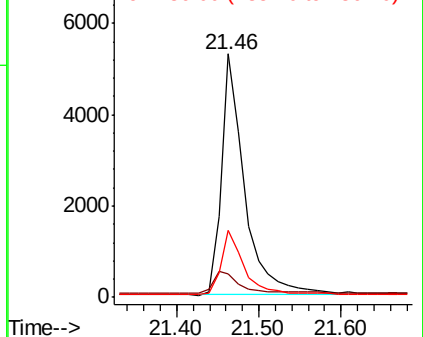
236 27.8 22.7 34.1



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: 0.188 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098327.D

Acq: 11 Dec 2018 10:42

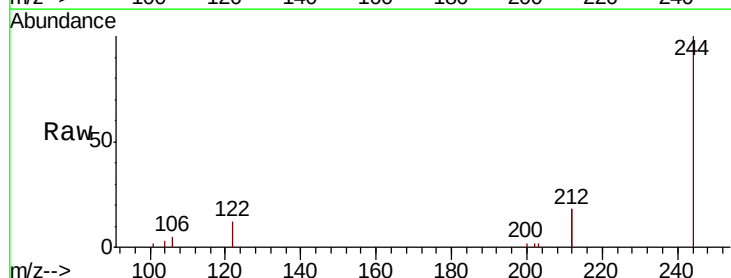
Tgt Ion:244 Resp: 4729

Ion Ratio Lower Upper

244 100

212 36.9 27.4 41.0

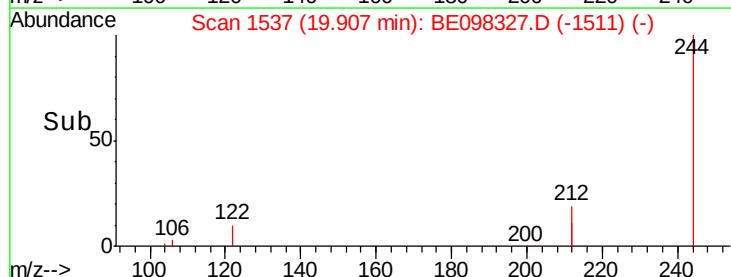
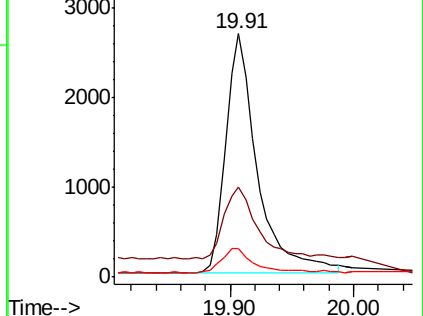
122 11.8 8.3 12.5

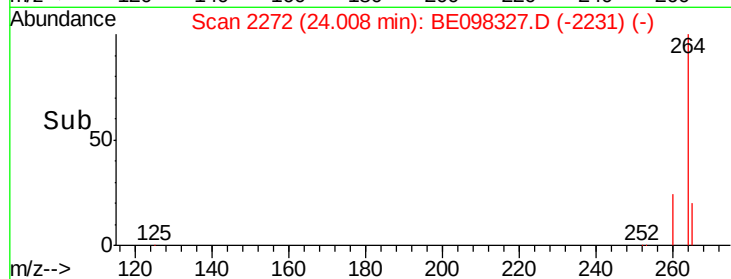
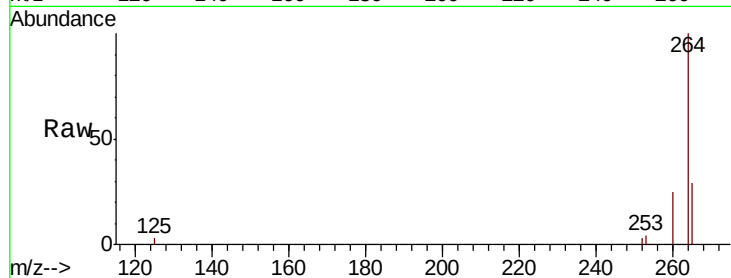
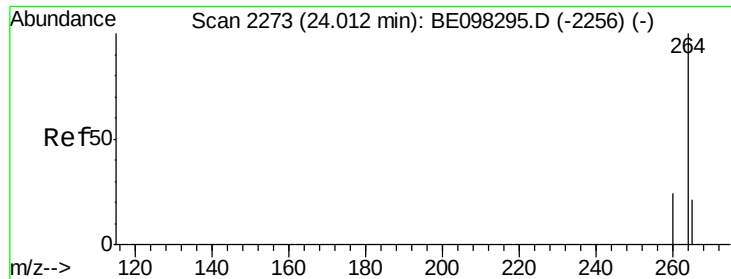


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BE098327.D
 Acq: 11 Dec 2018 10:42

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:	264	Resp:	10331
Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.2
265	28.7	25.2	37.8

