

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
 Data File : BE098394.D
 Acq On : 13 Dec 2018 13:25
 Operator : SJ/JU
 Sample : J6324-02DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 13 14:12:57 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

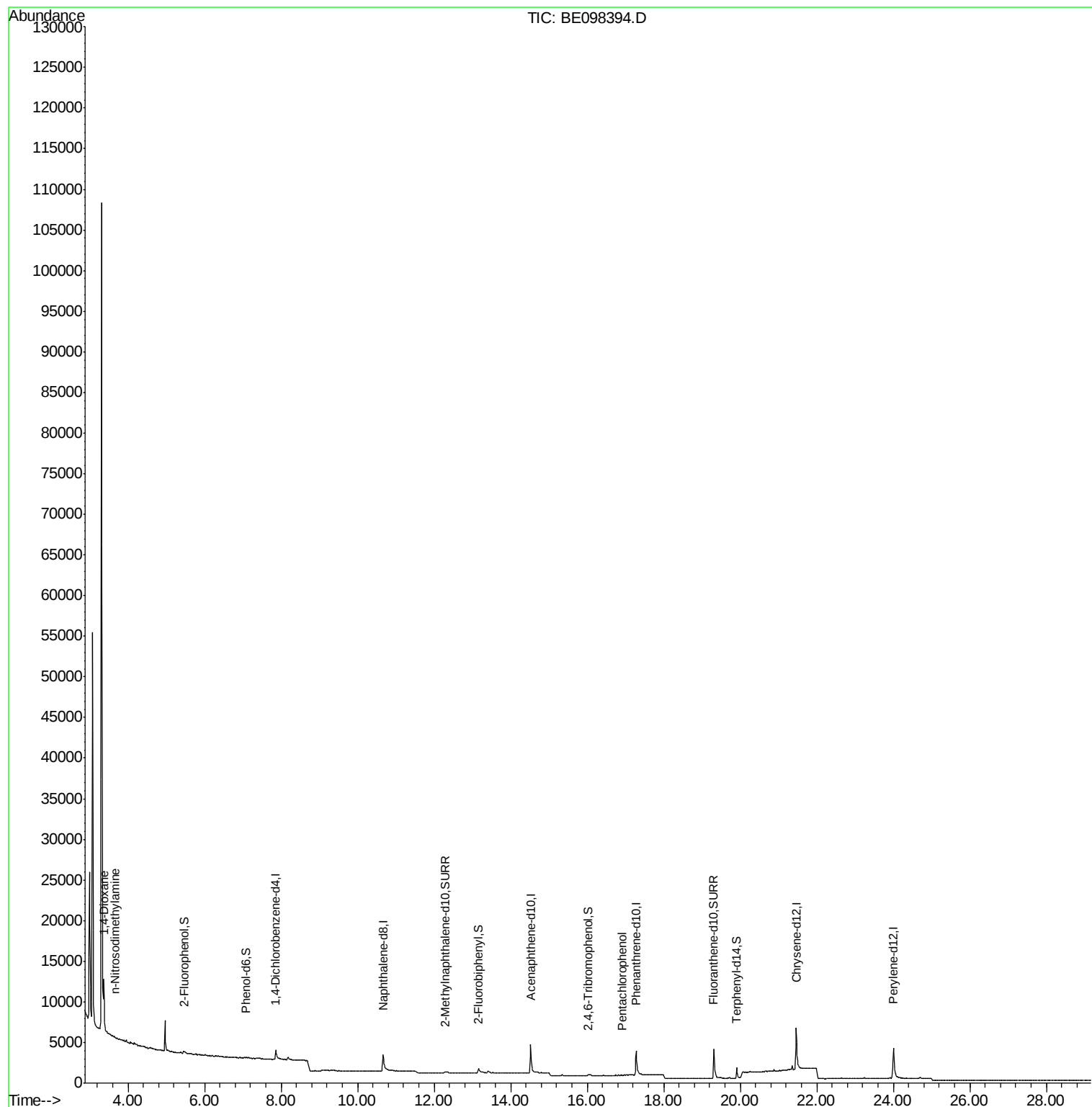
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	904	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3956	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2704	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7209	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8067	0.40	ng	0.00
34) Perylene-d12	24.00	264	7720	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	272	0.13	ng	0.01
5) Phenol-d6	7.08	99	245	0.08	ng	0.04
8) Nitrobenzene-d5	8.99	82	7	0.00	ng	-0.03
11) 2-Methylnaphthalene-d10	12.28	152	507	0.08	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	123	0.12	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	1052	0.09	ng	0.01
25) Fluoranthene-d10	19.31	212	7912	0.09	ng	0.00
29) Terphenyl-d14	19.91	244	1742	0.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	2851	1.824	ng	Qvalue 98
3) n-Nitrosodimethylamine	3.67	42	70	0.050	ng	# 100
22) Pentachlorophenol	16.91	266	10	0.032	ng	# 71

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

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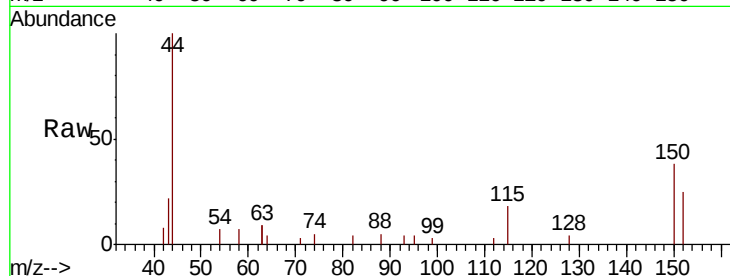


#1

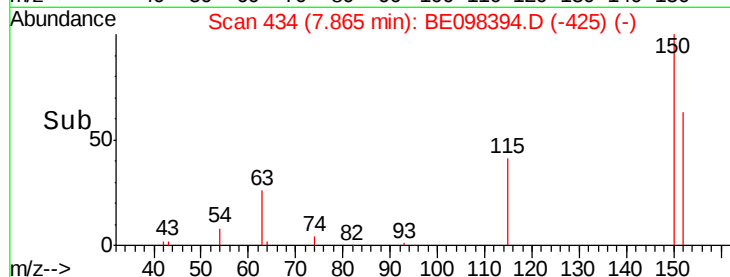
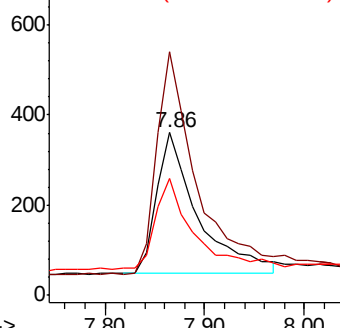
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098394.D
Acq: 13 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 904
Ion Ratio Lower Upper
152 100
150 149.6 124.2 186.4
115 71.7 53.9 80.9



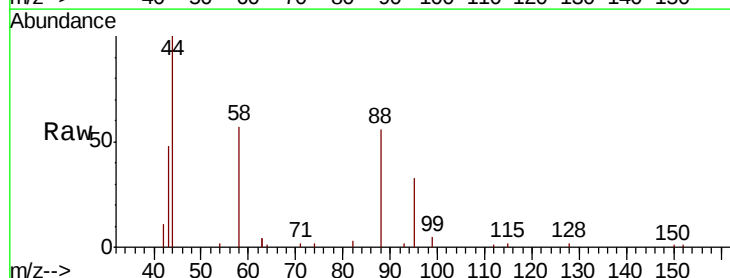
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



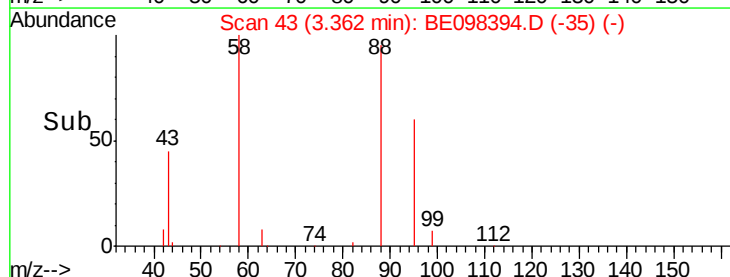
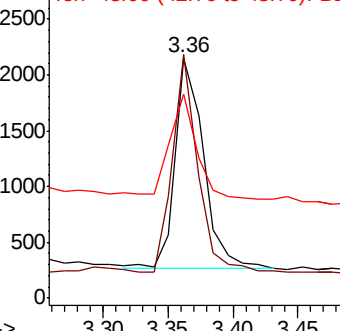
#2

1,4-Dioxane
Concen: 1.824 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098394.D
Acq: 13 Dec 2018 13:25

Tgt Ion: 88 Resp: 2851
Ion Ratio Lower Upper
88 100
58 90.6 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



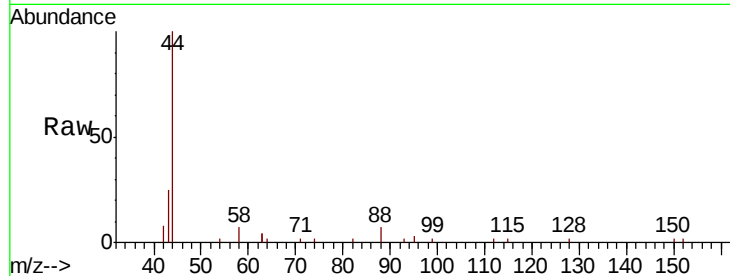


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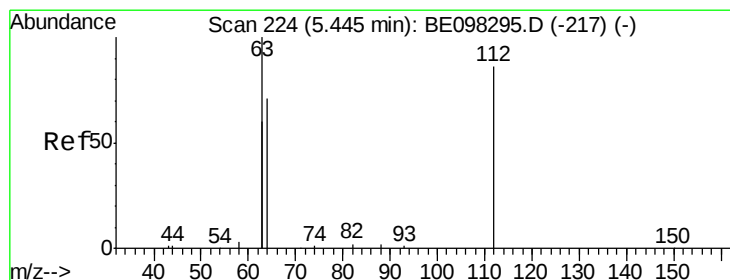
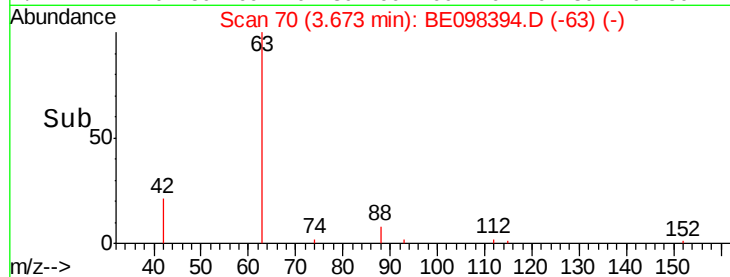
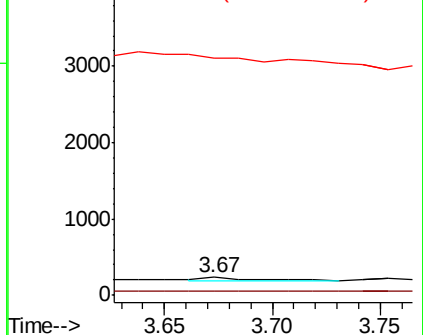
n-Nitrosodimethylamine
 Concen: 0.050 ng
 RT: 3.67 min Scan# 70
 Delta R.T. -0.02 min
 Lab File: BE098394.D
 Acq: 13 Dec 2018 13:25

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 70
 Ion Ratio Lower Upper
 42 100
 74 4.3 0.0 0.0#
 44 0.0 0.0 0.0



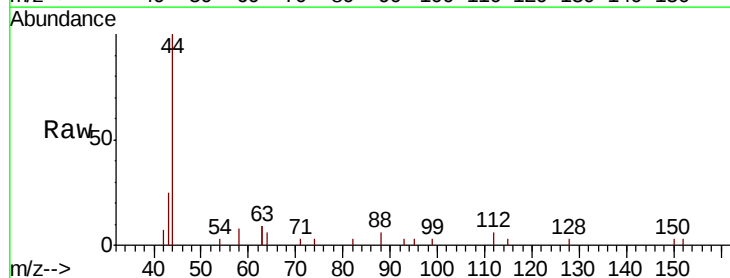
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



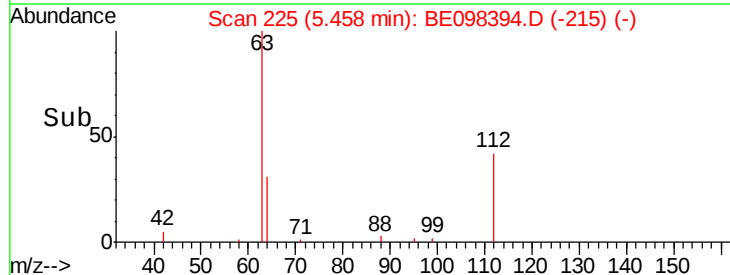
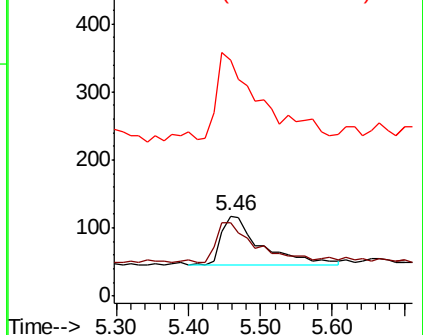
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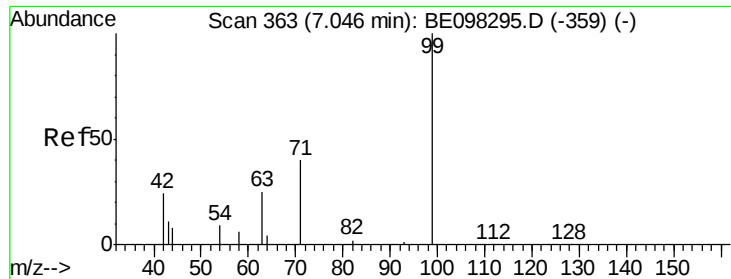
2-Fluorophenol
 Concen: 0.129 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098394.D
 Acq: 13 Dec 2018 13:25

Tgt Ion: 112 Resp: 272
 Ion Ratio Lower Upper
 112 100
 64 85.7 59.8 89.8
 63 198.5 133.7 200.5



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: 0.082 ng

RT: 7.08 min Scan# 366

Delta R.T. 0.04 min

Lab File: BE098394.D

Acq: 13 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

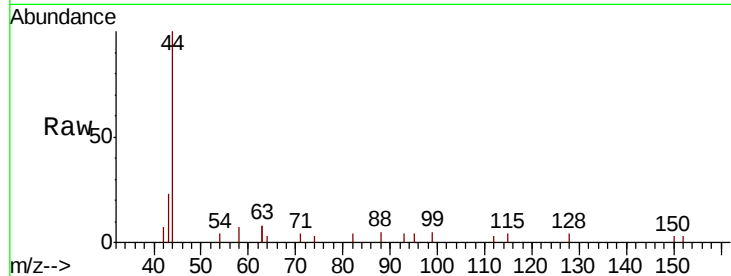
Tot Ion: 99 Resp: 245

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

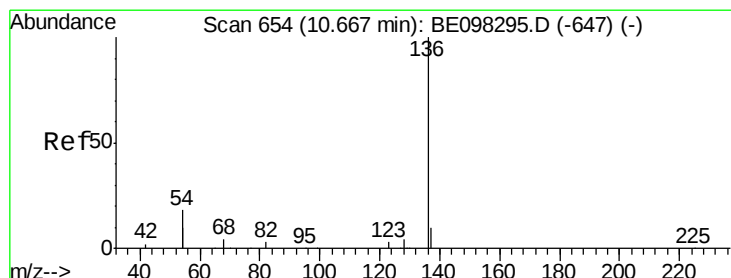
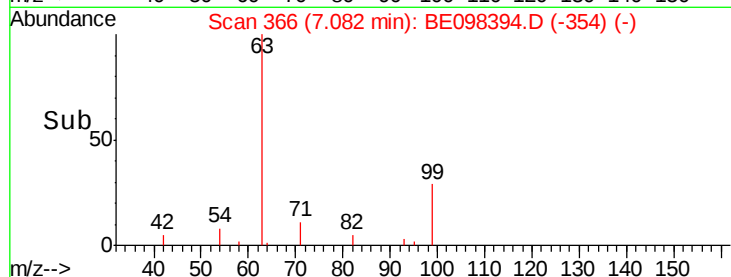
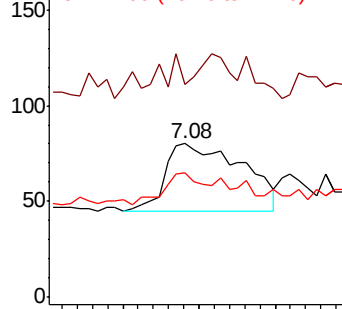
71 24.9 33.6 50.4#



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: BE098394.D

Acq: 13 Dec 2018 13:25

Tgt Ion: 136 Resp: 3956

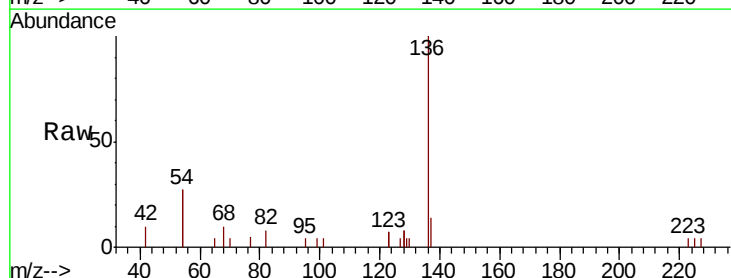
Ion Ratio Lower Upper

136 100

137 14.4 9.2 13.8#

54 54.8 28.4 42.6#

68 9.5 5.4 8.0#

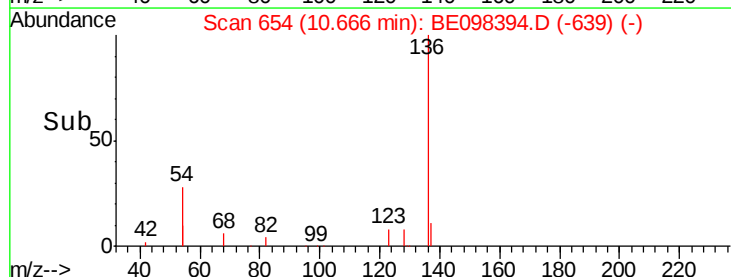
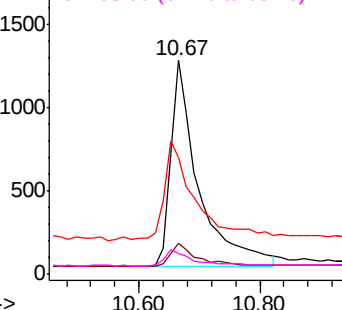


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.002 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.03 min

Lab File: BE098394.D

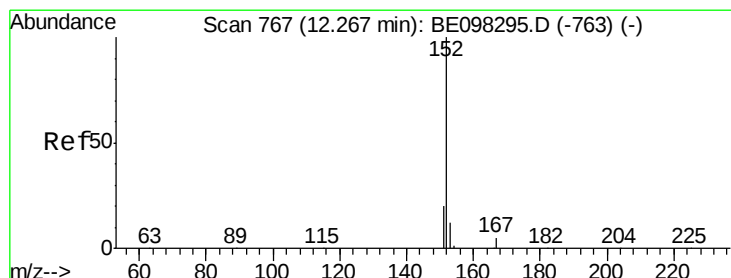
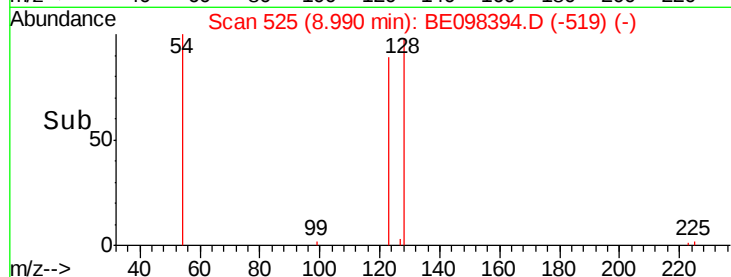
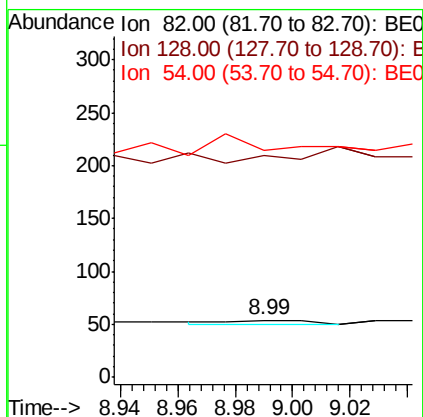
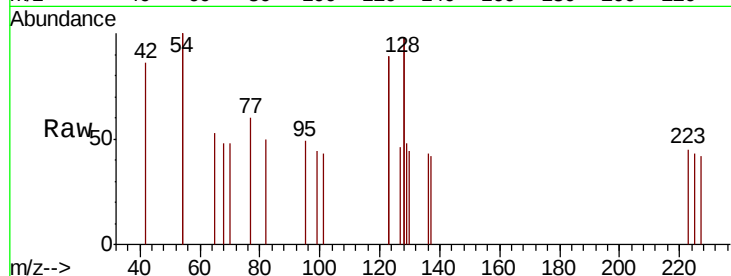
Acq: 13 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	82	Resp:	7
Ion	Ratio	Lower	Upper
82	100		
128	388.9	102.4	153.6#
54	396.3	221.8	332.8#



#11

2-Methylnaphthalene-d10

Concen: 0.079 ng

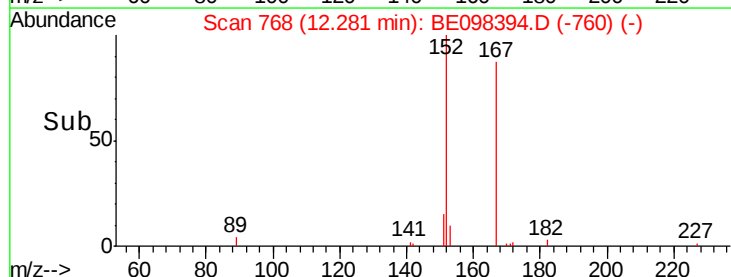
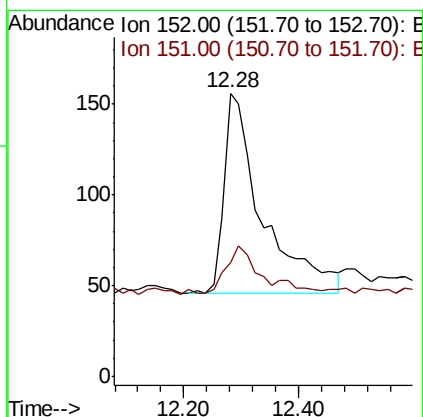
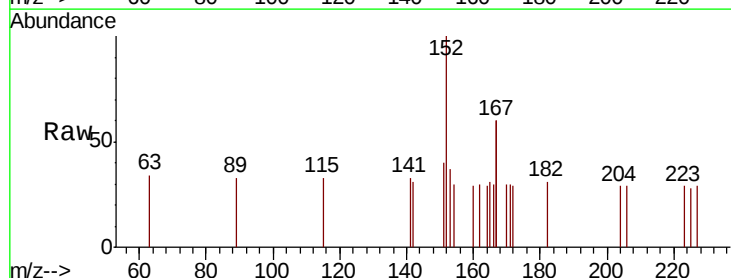
RT: 12.28 min Scan# 768

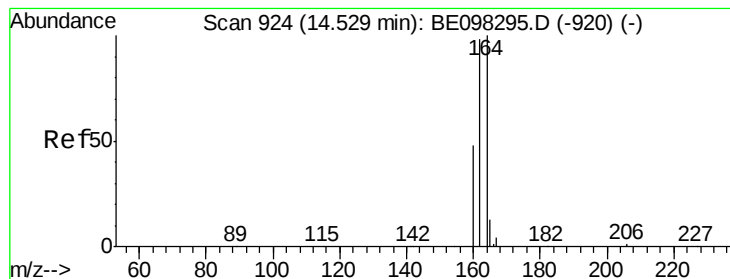
Delta R.T. 0.01 min

Lab File: BE098394.D

Acq: 13 Dec 2018 13:25

Tgt Ion:	152	Resp:	507
Ion	Ratio	Lower	Upper
152	100		
151	22.3	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: BE098394.D

Acq: 13 Dec 2018 13:25

Instrument :

BNA_E

ClientSampleId :

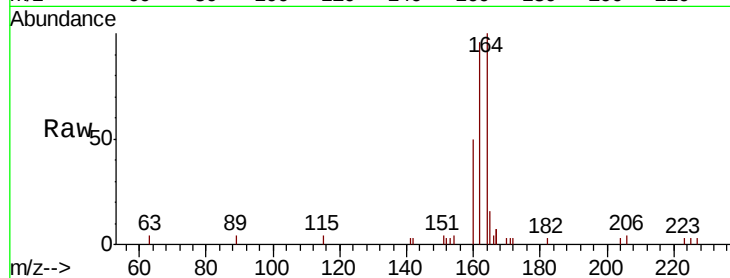
Tot Ion:164 Resp: 2704

Ion Ratio Lower Upper

164 100

162 96.2 77.6 116.4

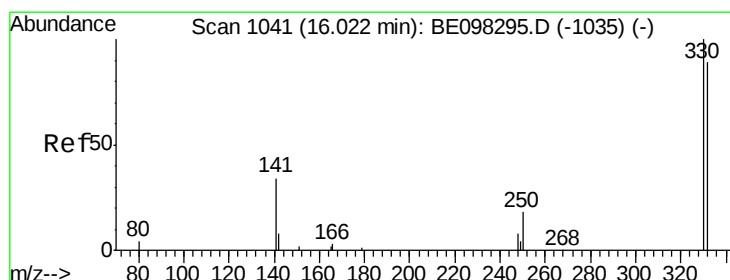
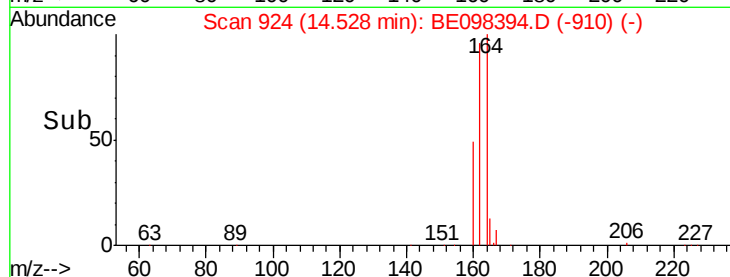
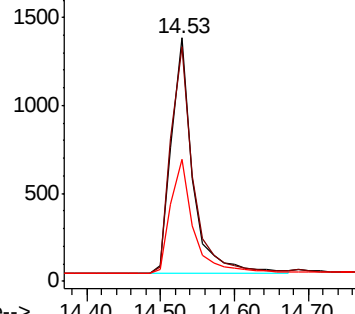
160 50.2 36.0 54.0



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: 0.124 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BE098394.D

Acq: 13 Dec 2018 13:25

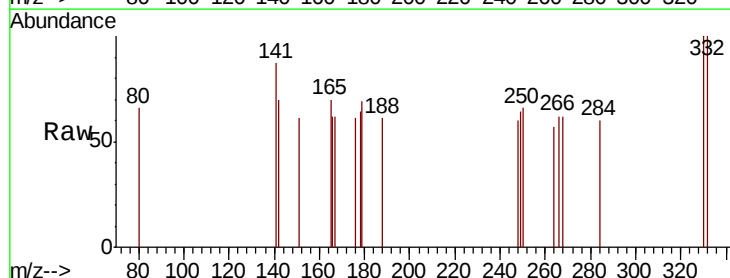
Tgt Ion:330 Resp: 123

Ion Ratio Lower Upper

330 100

332 90.2 76.2 114.4

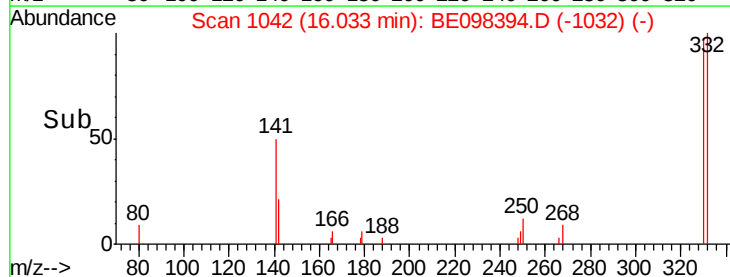
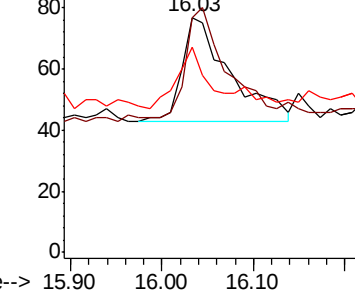
141 48.8 39.0 58.4

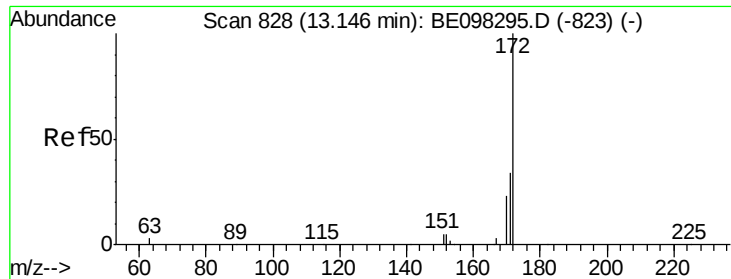


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

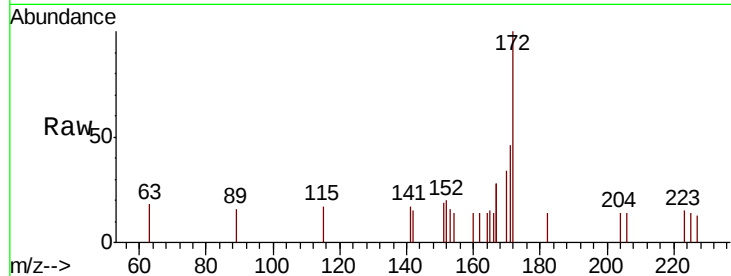




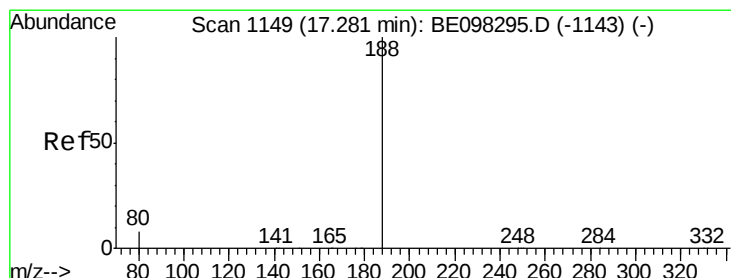
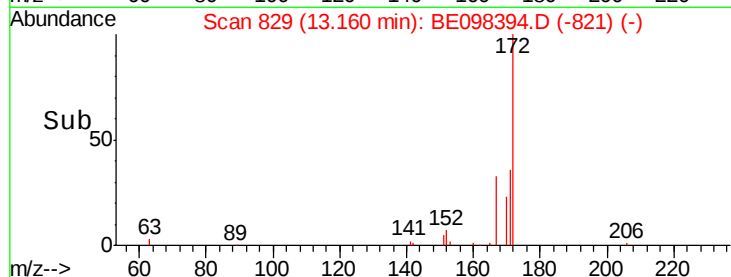
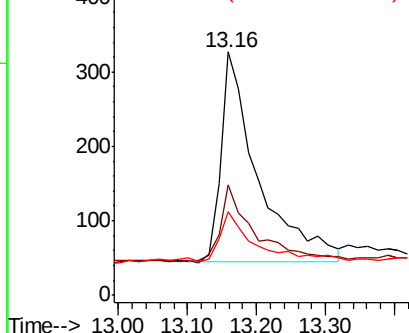
#15
2-Fluorobiphenyl
Concen: 0.092 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098394.D
Acq: 13 Dec 2018 13:25

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 1052
Ion Ratio Lower Upper
172 100
171 45.6 27.5 41.3#
170 34.3 19.6 29.4#

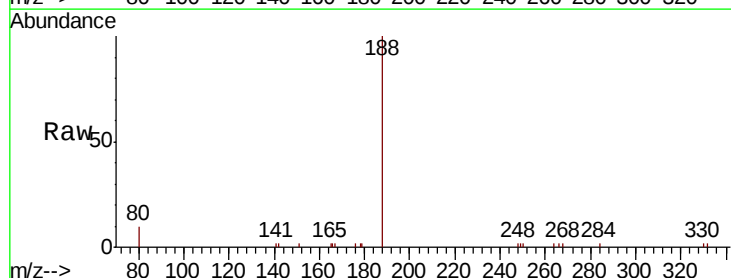


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

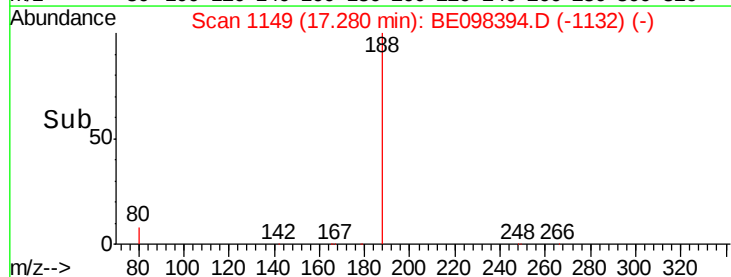
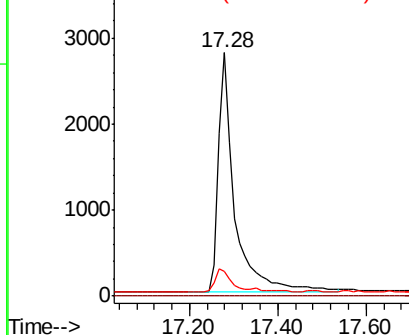


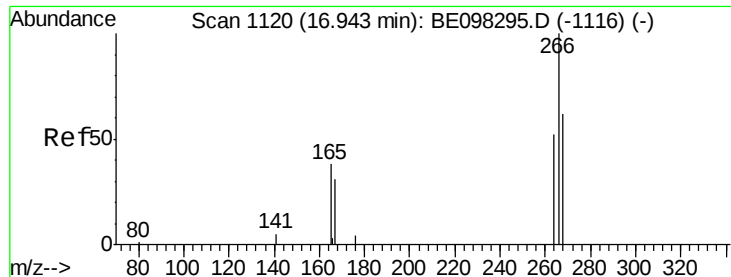
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098394.D
Acq: 13 Dec 2018 13:25

Tgt Ion:188 Resp: 7209
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 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

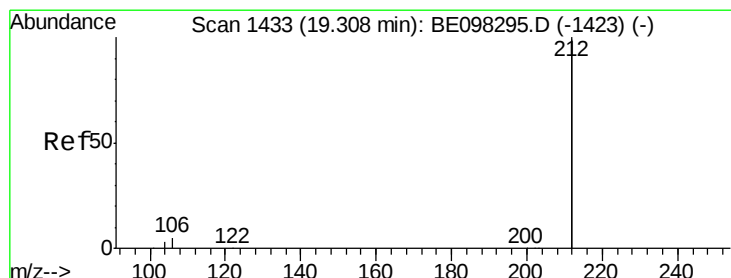
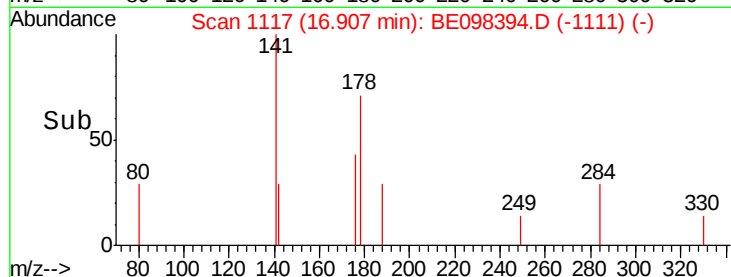
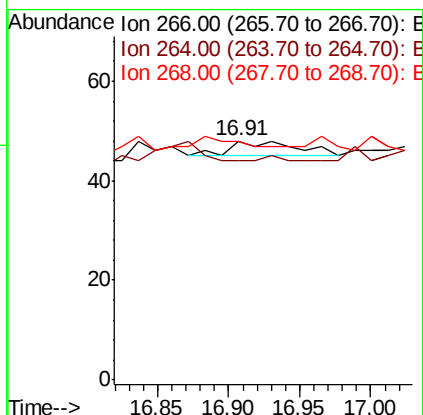
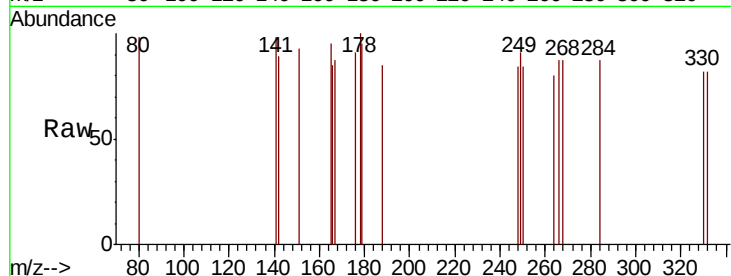




#22
 Pentachlorophenol
 Concen: 0.032 ng
 RT: 16.91 min Scan# 1117
 Delta R.T. -0.04 min
 Lab File: BE098394.D
 Acq: 13 Dec 2018 13:25

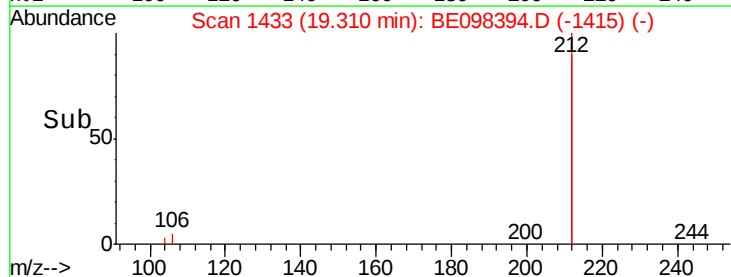
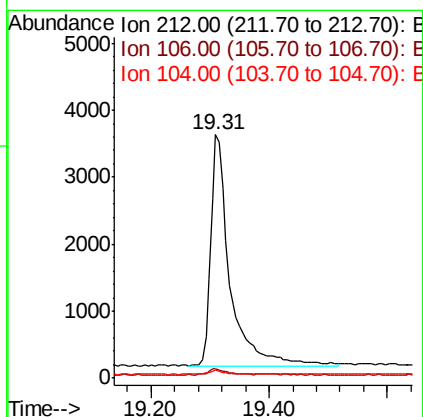
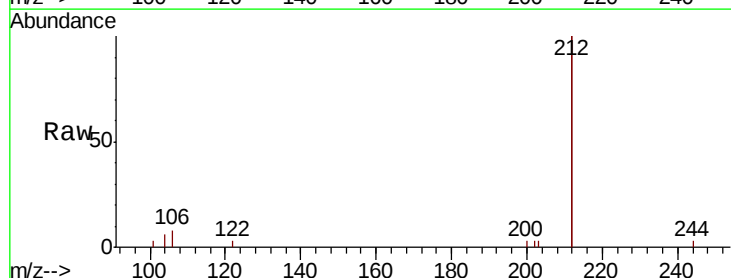
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 91.7 59.0 88.4#
 268 100.0 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.086 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098394.D
 Acq: 13 Dec 2018 13:25

Tgt Ion:212 Resp: 7912
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.5 1.3 1.9

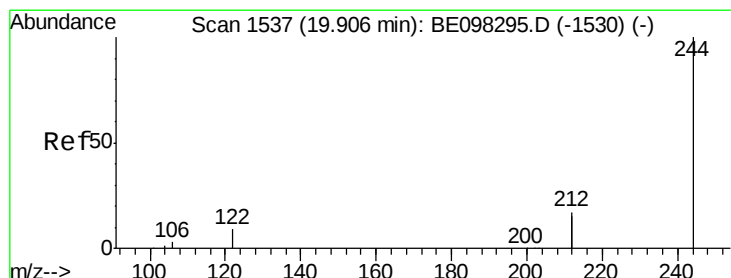
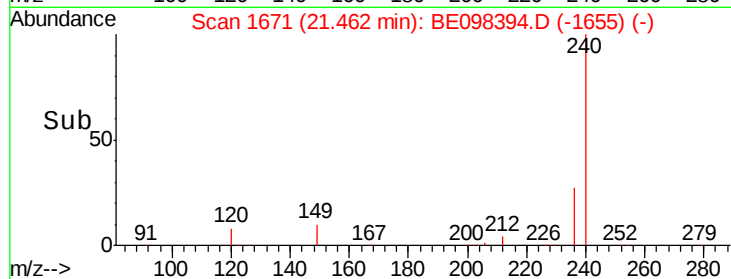
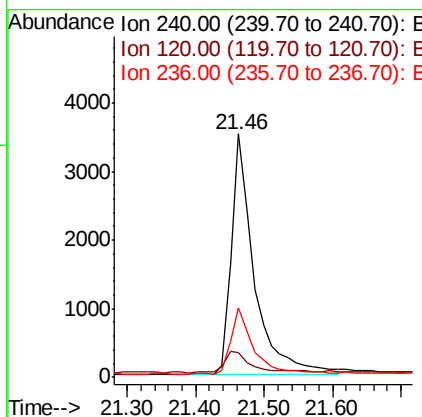
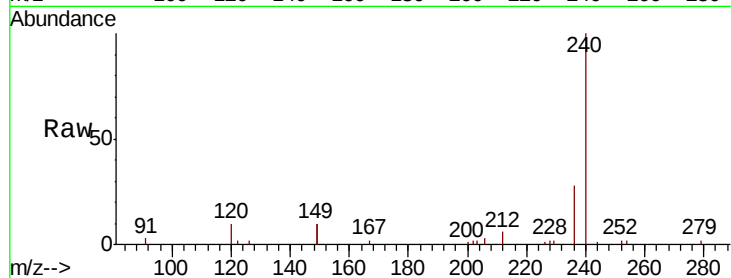




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098394.D
Acq: 13 Dec 2018 13:25

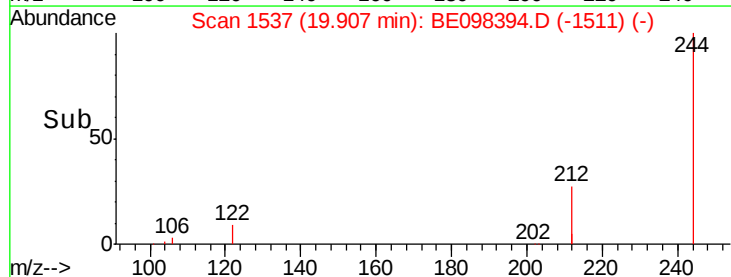
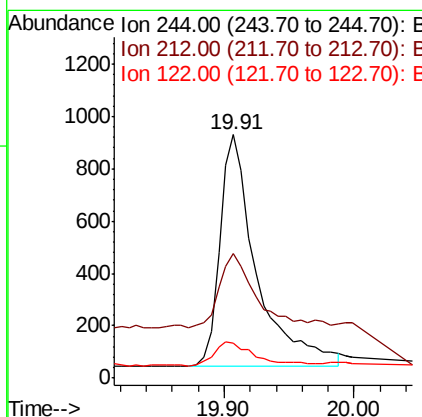
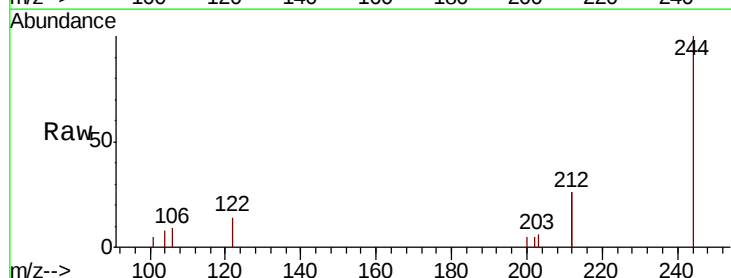
Instrument :
BNA_E
ClientSampleId :

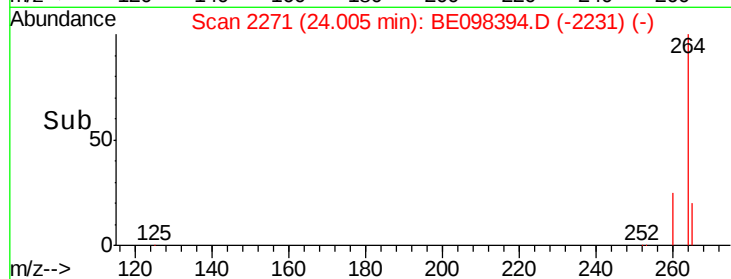
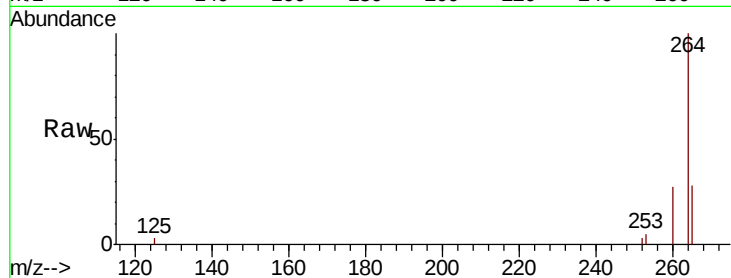
Tot Ion:240 Resp: 8067
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 28.3 22.7 34.1



#29
Terphenyl-d14
Concen: 0.089 ng
RT: 19.91 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE098394.D
Acq: 13 Dec 2018 13:25

Tgt Ion:244 Resp: 1742
Ion Ratio Lower Upper
244 100
212 51.1 27.4 41.0#
122 14.2 8.3 12.5#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098394.D
 Acq: 13 Dec 2018 13:25

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264 Resp: 7720
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.2 30.2
 265 28.3 25.2 37.8

