

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
 Data File : BE098413.D
 Acq On : 14 Dec 2018 1:08
 Operator : SJ/JU
 Sample : J6324-08DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D3-20181206DL

Quant Time: Dec 14 02:04:55 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	972	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4260	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2739	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7256	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8125	0.40	ng	0.00
34) Perylene-d12	24.00	264	7919	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	234	0.10	ng	0.01
5) Phenol-d6	7.06	99	152	0.05	ng	0.01
8) Nitrobenzene-d5	9.07	82	610	0.16	ng	0.05
11) 2-Methylnaphthalene-d10	12.27	152	1388	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	213	0.21	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	2261	0.20	ng	0.00
25) Fluoranthene-d10	19.30	212	19811	0.21	ng	0.00
29) Terphenyl-d14	19.90	244	3343	0.17	ng	0.00

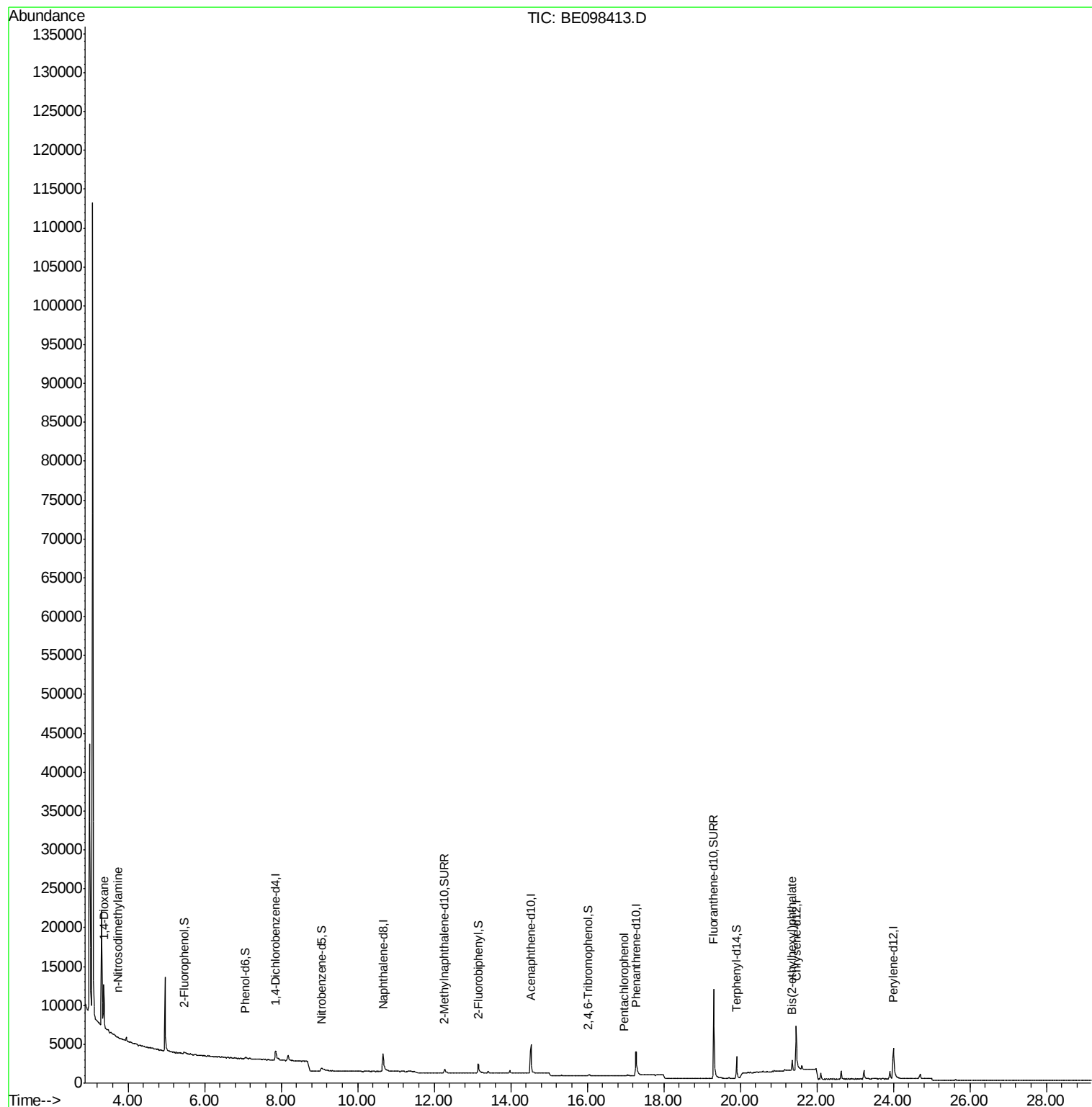
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	2952	1.756	ng	95
3) n-Nitrosodimethylamine	3.74	42	41	0.027	ng	# 100
22) Pentachlorophenol	16.95	266	3	0.020	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.35	149	1812	0.039	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098413.D

Acq: 14 Dec 2018 1:08

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181206DL

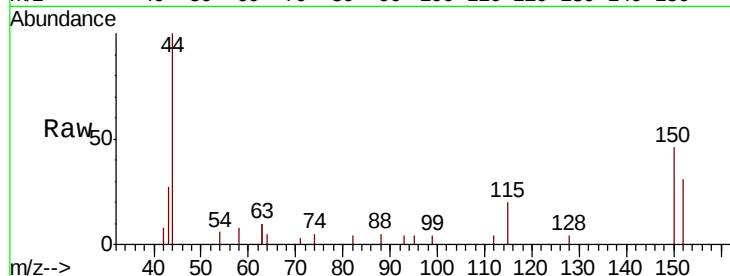
Tgt Ion: 152 Resp: 972

Ion Ratio Lower Upper

152 100

150 149.8 124.2 186.4

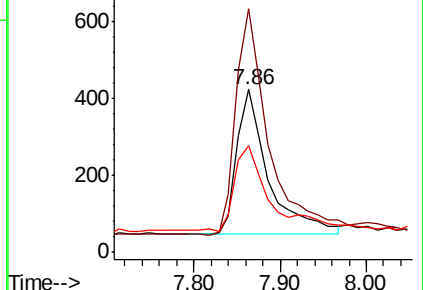
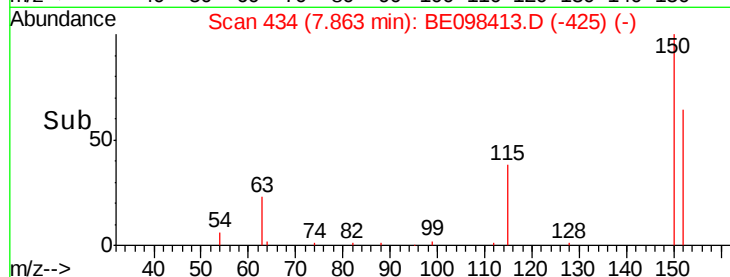
115 65.4 53.9 80.9



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: 1.756 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE098413.D

Acq: 14 Dec 2018 1:08

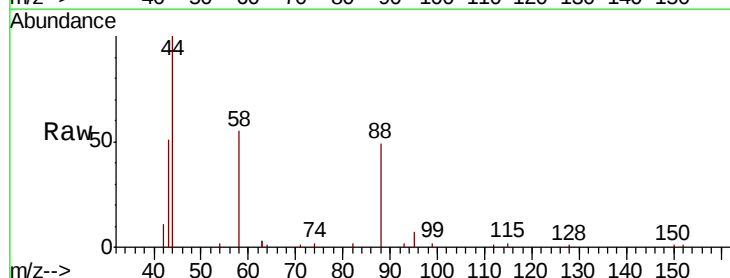
Tgt Ion: 88 Resp: 2952

Ion Ratio Lower Upper

88 100

58 90.4 75.0 112.6

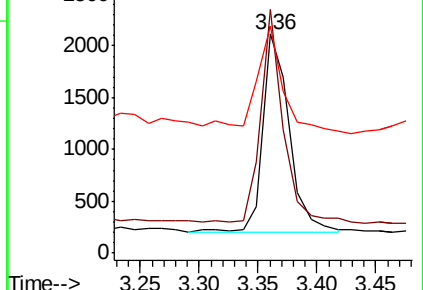
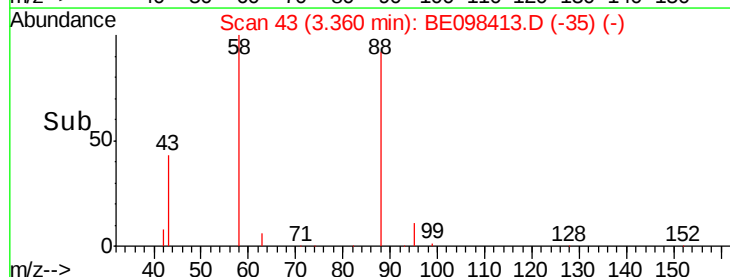
43 52.9 38.3 57.5



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: 0.027 ng

RT: 3.74 min Scan# 76

Delta R.T. 0.05 min

Lab File: BE098413.D

Acq: 14 Dec 2018 1:08

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181206DL

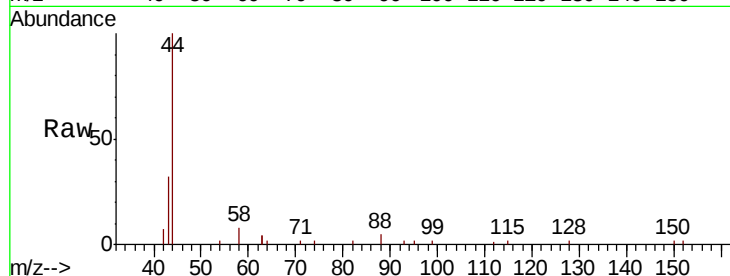
Tgt Ion: 42 Resp: 41

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

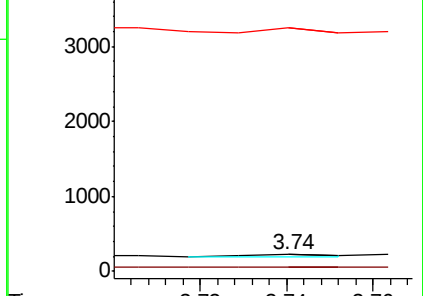
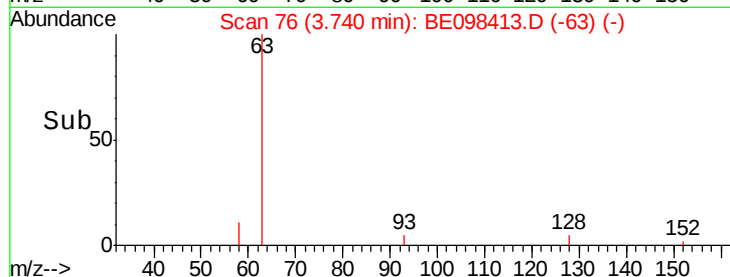
44 0.0 0.0 0.0



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: 0.103 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098413.D

Acq: 14 Dec 2018 1:08

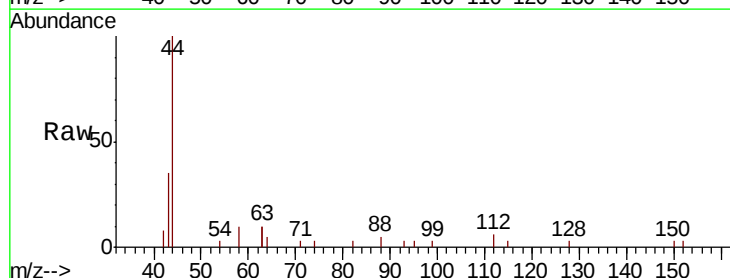
Tgt Ion: 112 Resp: 234

Ion Ratio Lower Upper

112 100

64 79.5 59.8 89.8

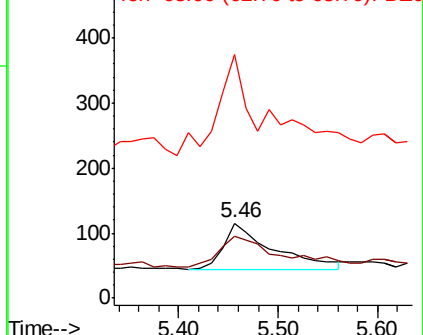
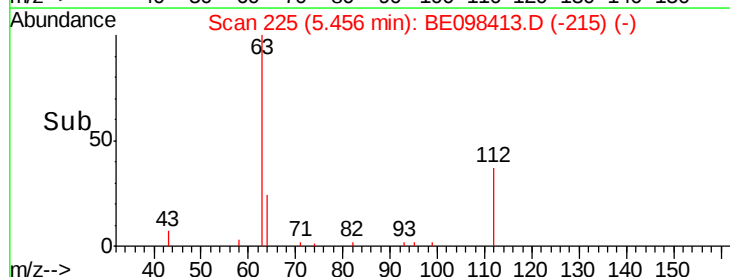
63 130.3 133.7 200.5#



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: 0.047 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098413.D

Acq: 14 Dec 2018 1:08

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181206DL

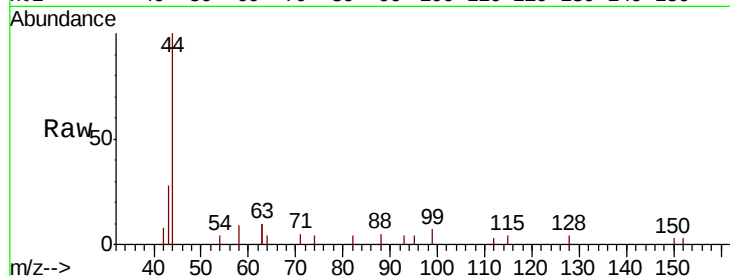
Tgt Ion: 99 Resp: 152

Ion Ratio Lower Upper

99 100

42 55.3 26.3 39.5#

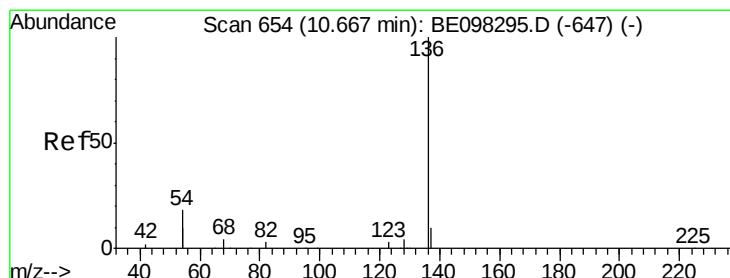
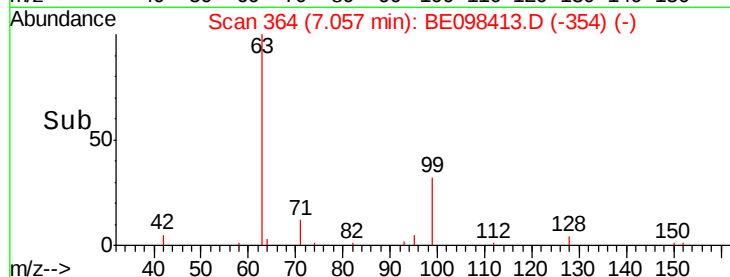
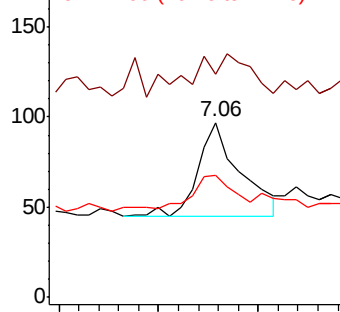
71 29.6 33.6 50.4#



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: BE098413.D

Acq: 14 Dec 2018 1:08

Tgt Ion: 136 Resp: 4260

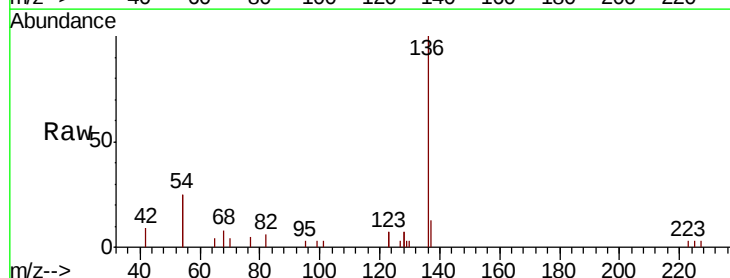
Ion Ratio Lower Upper

136 100

137 13.4 9.2 13.8

54 49.1 28.4 42.6#

68 8.0 5.4 8.0

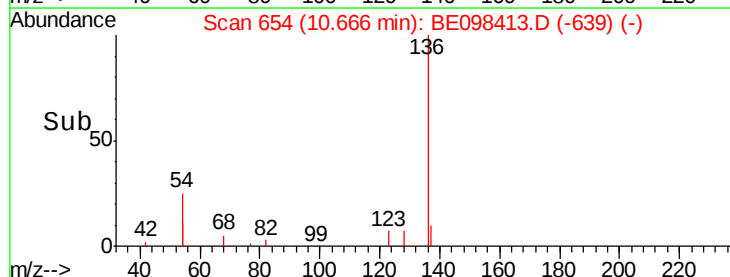
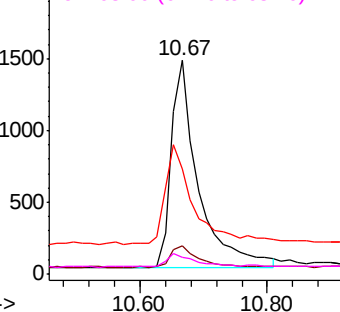


Abundance Ion 136.00 (135.70 to 136.70): E

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

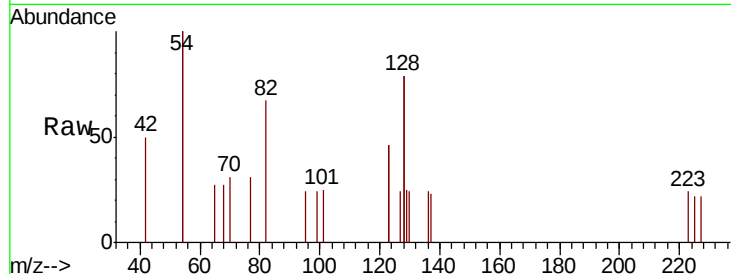




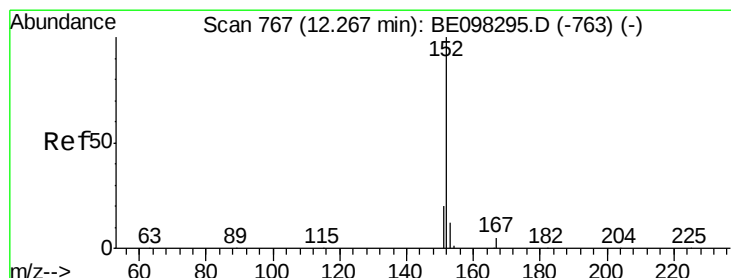
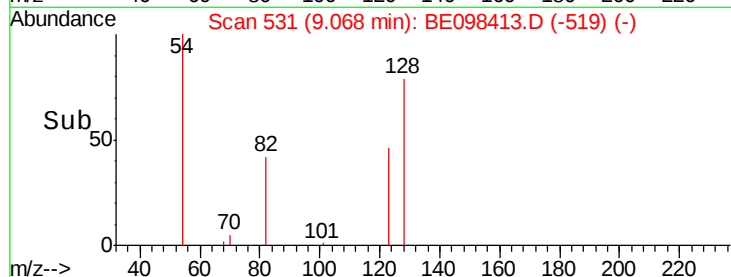
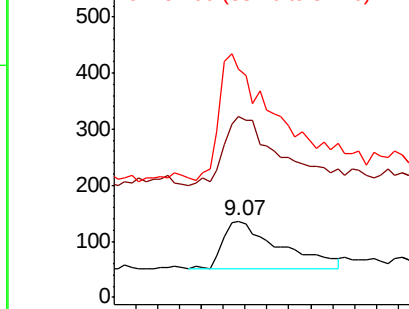
#8
 Nitrobenzene-d5
 Concen: 0.157 ng
 RT: 9.07 min Scan# 531
 Delta R.T. 0.05 min
 Lab File: BE098413.D
 Acq: 14 Dec 2018 1:08

Instrument :
 BNA_E
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 RE-109D3-20181206DL

Tgt Ion: 82 Resp: 610
 Ion Ratio Lower Upper
 82 100
 128 236.8 102.4 153.6#
 54 300.0 221.8 332.8

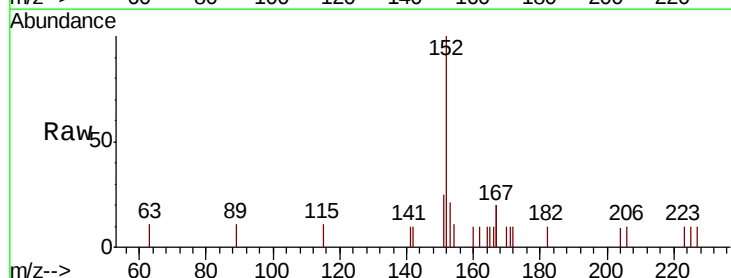


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

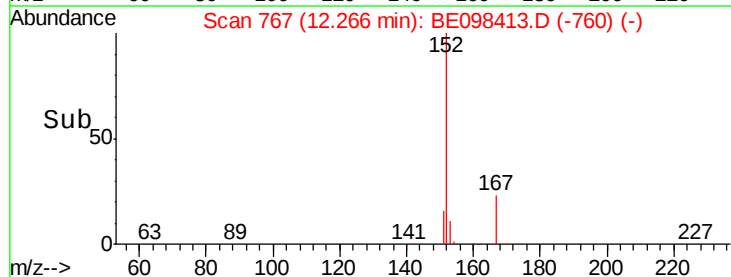
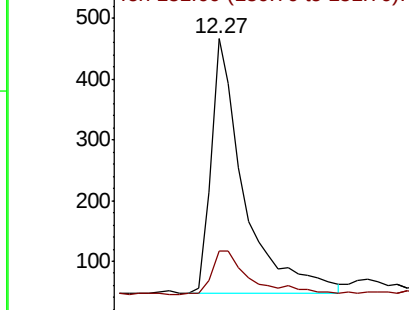


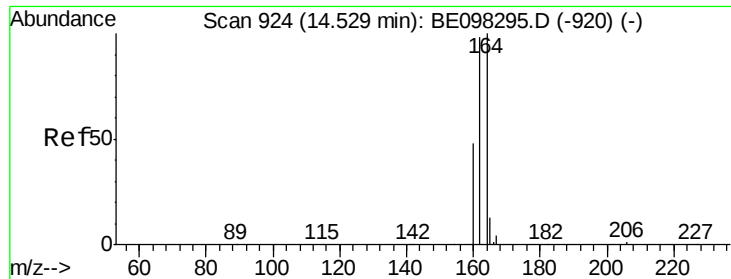
#11
 2-Methylnaphthalene-d10
 Concen: 0.200 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE098413.D
 Acq: 14 Dec 2018 1:08

Tgt Ion: 152 Resp: 1388
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.2 24.4



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

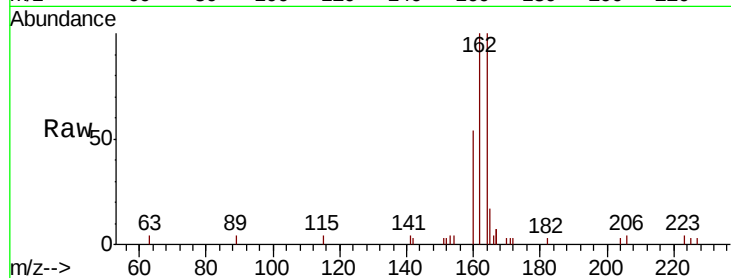




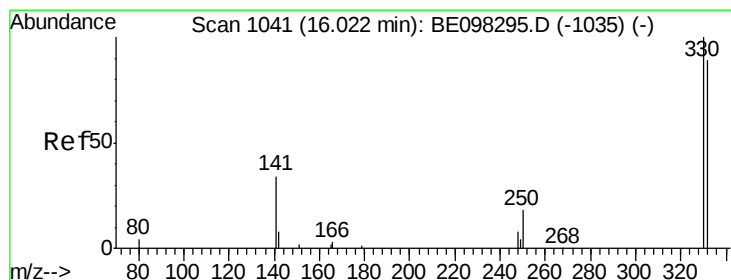
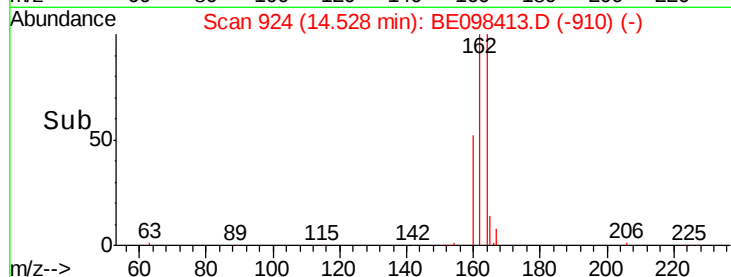
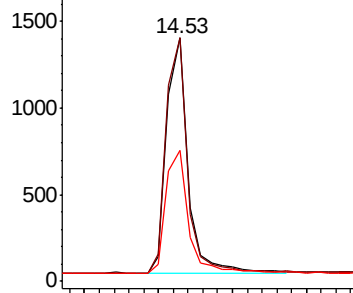
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098413.D
Acq: 14 Dec 2018 1:08

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181206DL

Tgt Ion:164 Resp: 2739
Ion Ratio Lower Upper
164 100
162 99.9 77.6 116.4
160 54.0 36.0 54.0#

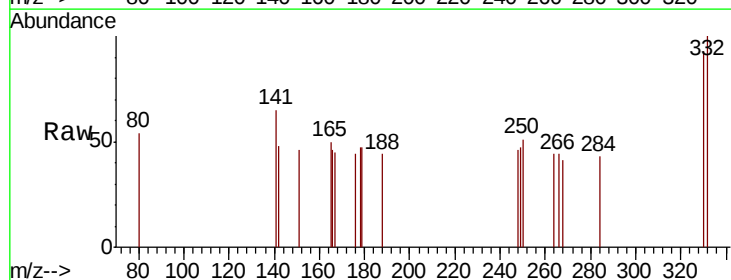


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

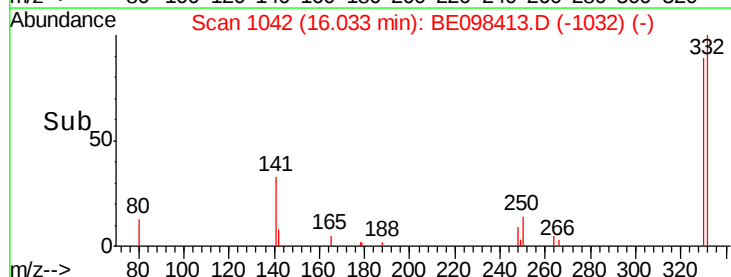
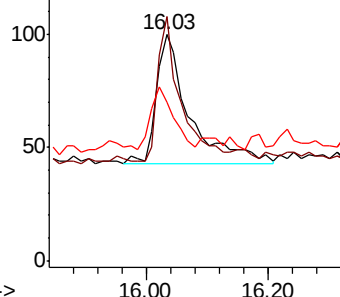


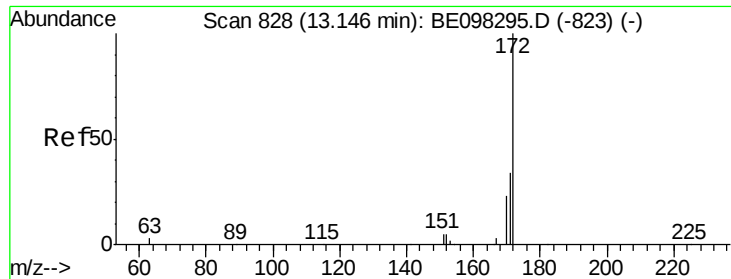
#14
2,4,6-Tribromophenol
Concen: 0.212 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098413.D
Acq: 14 Dec 2018 1:08

Tgt Ion:330 Resp: 213
Ion Ratio Lower Upper
330 100
332 78.9 76.2 114.4
141 33.3 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

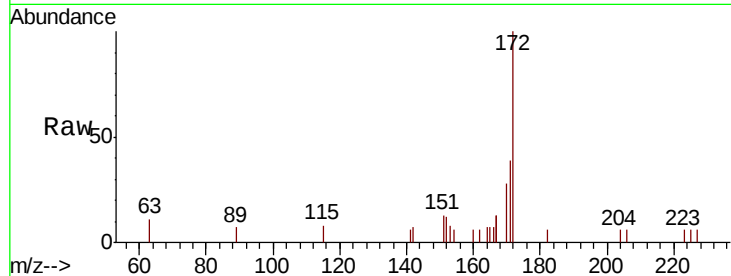




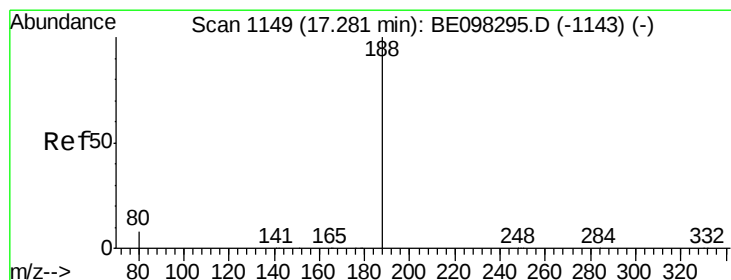
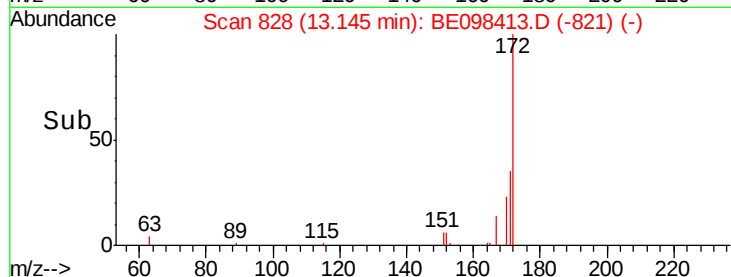
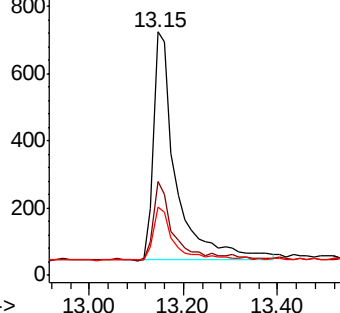
#15
2-Fluorobiphenyl
Concen: 0.196 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098413.D
Acq: 14 Dec 2018 1:08

Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181206DL

Tgt Ion:172 Resp: 2261
Ion Ratio Lower Upper
172 100
171 38.8 27.5 41.3
170 27.9 19.6 29.4

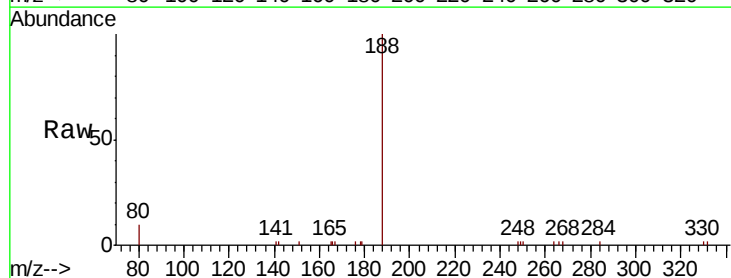


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

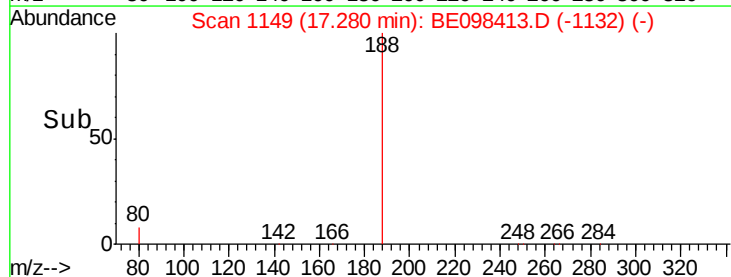
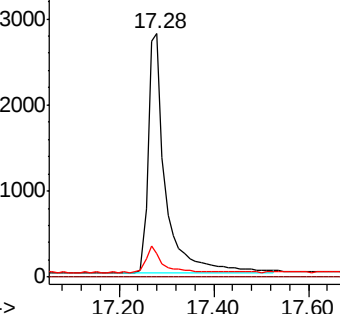


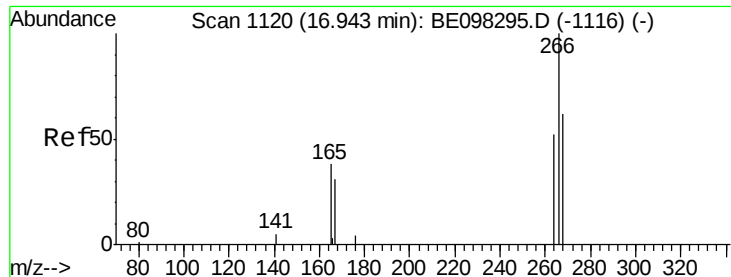
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098413.D
Acq: 14 Dec 2018 1:08

Tgt Ion:188 Resp: 7256
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

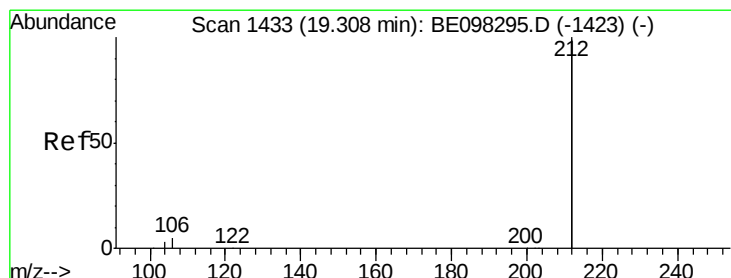
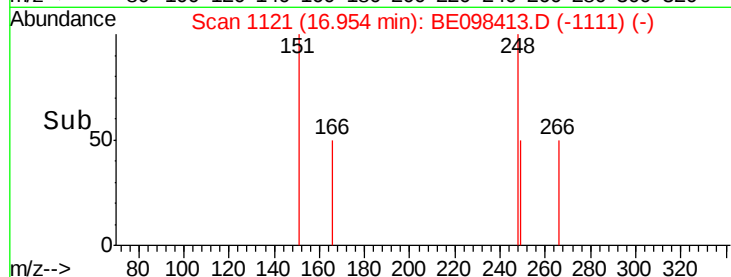
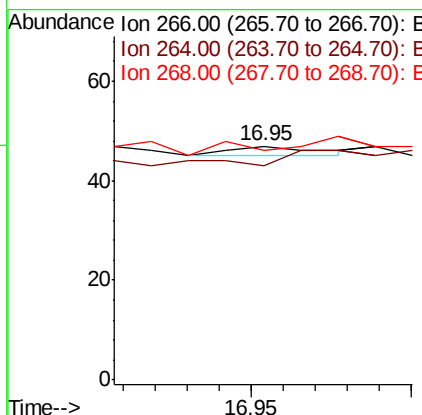
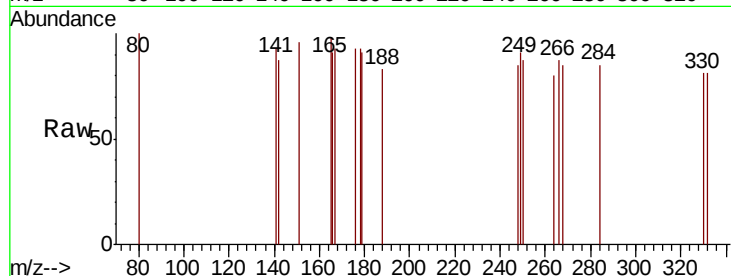




#22
 Pentachlorophenol
 Concen: 0.020 ng
 RT: 16.95 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BE098413.D
 Acq: 14 Dec 2018 1:08

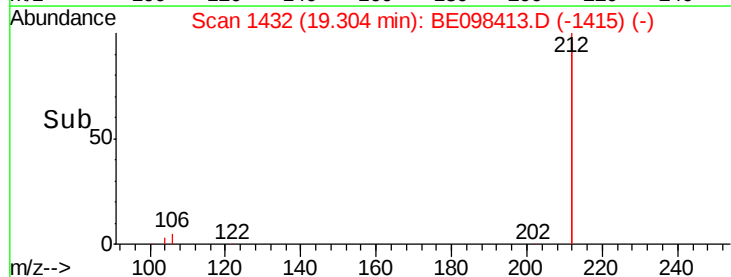
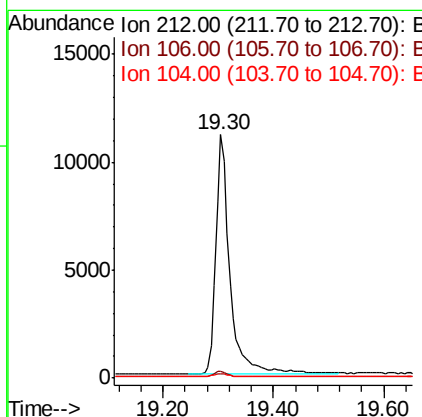
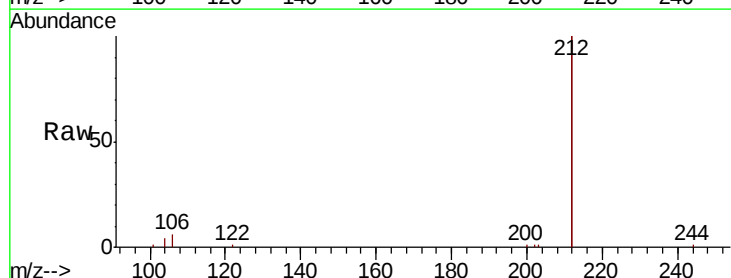
Instrument :
 BNA_E
 ClientSampleId :
 RE-109D3-20181206DL

Tgt Ion: 266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 91.5 59.0 88.4#
 268 97.9 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.213 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BE098413.D
 Acq: 14 Dec 2018 1:08

Tgt Ion: 212 Resp: 19811
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.5 1.3 1.9

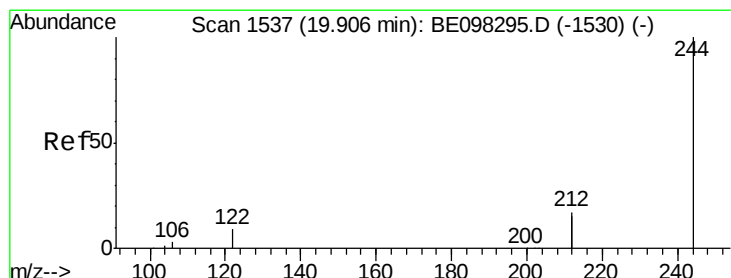
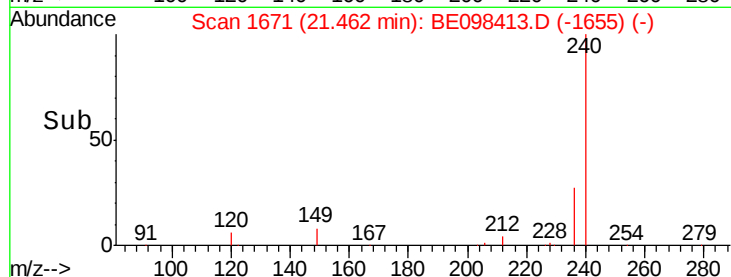
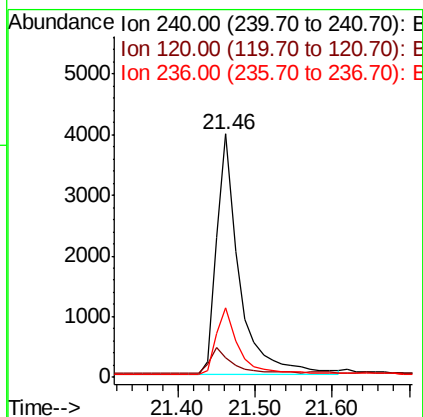
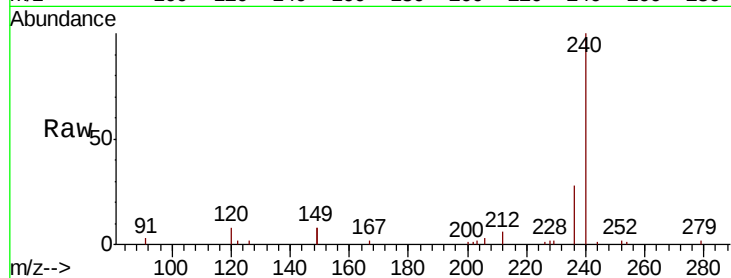




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098413.D
Acq: 14 Dec 2018 1:08

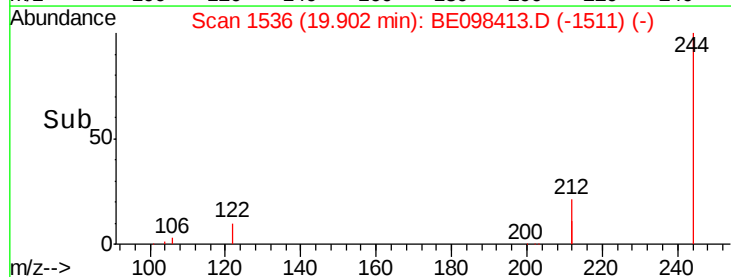
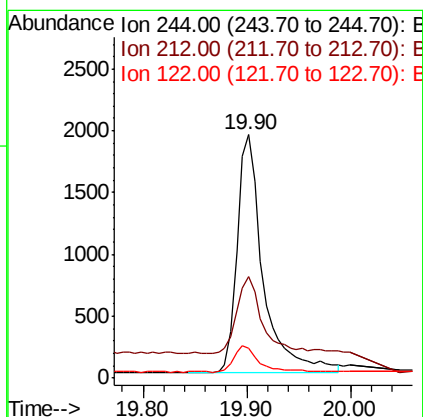
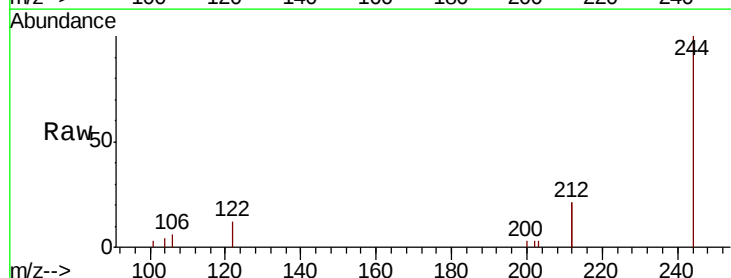
Instrument :
BNA_E
ClientSampleId :
RE-109D3-20181206DL

Tgt Ion:240 Resp: 8125
Ion Ratio Lower Upper
240 100
120 8.1 9.5 14.3#
236 28.3 22.7 34.1



#29
Terphenyl-d14
Concen: 0.169 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BE098413.D
Acq: 14 Dec 2018 1:08

Tgt Ion:244 Resp: 3343
Ion Ratio Lower Upper
244 100
212 41.8 27.4 41.0#
122 12.0 8.3 12.5

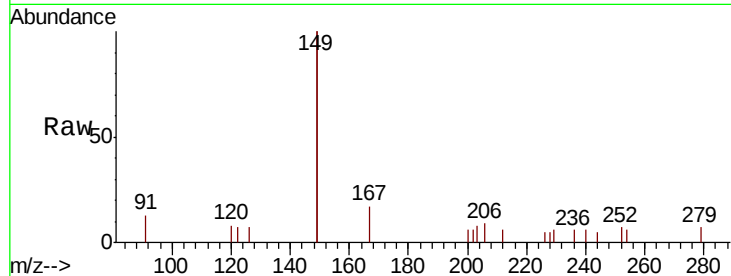




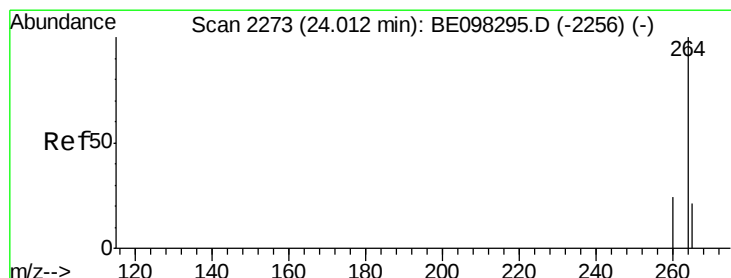
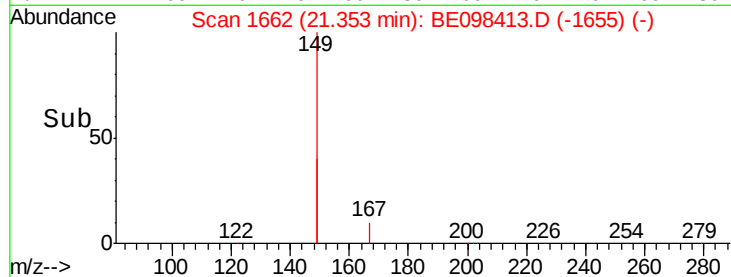
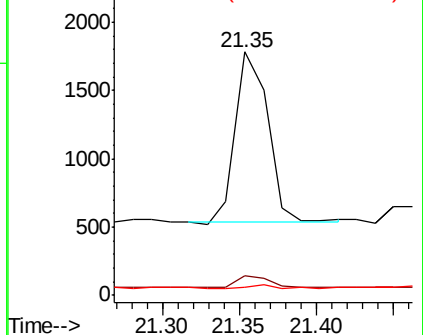
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098413.D
 Acq: 14 Dec 2018 1:08

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D3-20181206DL

Tgt Ion:149 Resp: 1812
 Ion Ratio Lower Upper
 149 100
 167 7.3 5.7 8.5
 279 1.3 1.0 1.4

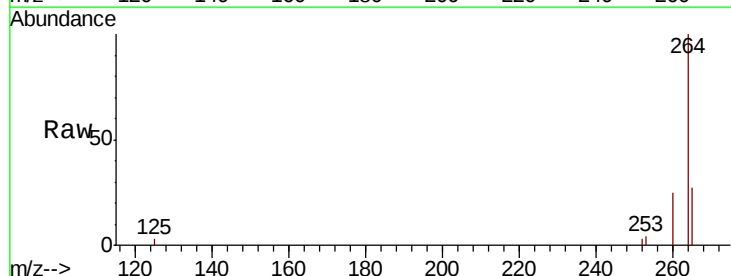


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BE098413.D
 Acq: 14 Dec 2018 1:08

Tgt Ion:264 Resp: 7919
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.2 30.2
 265 26.9 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

