

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
 Data File : BE098418.D
 Acq On : 14 Dec 2018 4:13
 Operator : SJ/JU
 Sample : J6325-04DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-20181204DL

Quant Time: Dec 14 06:08:55 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

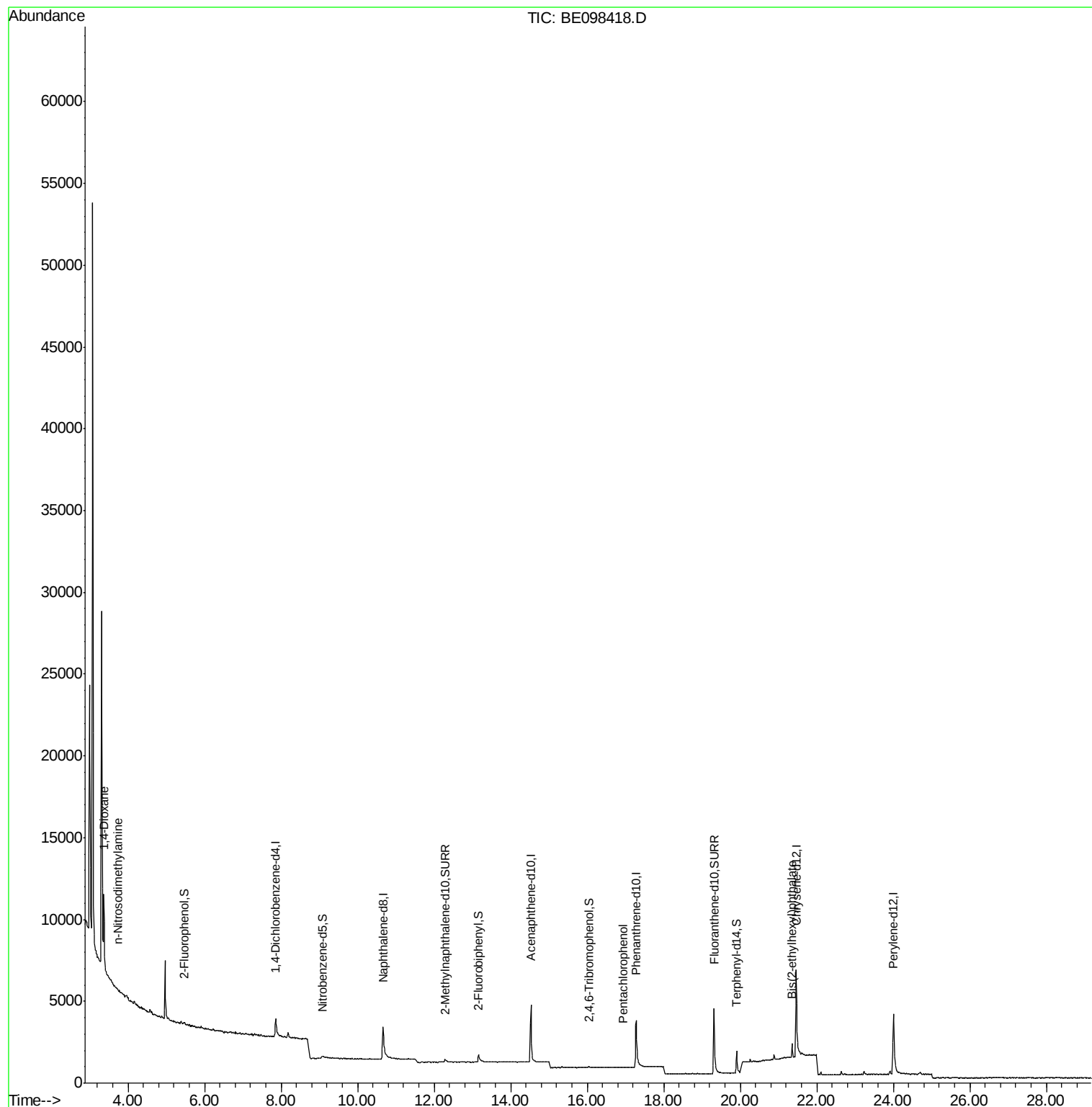
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	873	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3940	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2682	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7267	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8065	0.40	ng	0.00
34) Perylene-d12	24.00	264	7651	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	64	0.03	ng	0.02
5) Phenol-d6	7.07	99	20	0.01	ng	0.02
8) Nitrobenzene-d5	9.08	82	144	0.04	ng	0.06
11) 2-Methylnaphthalene-d10	12.28	152	594	0.09	ng	0.01
14) 2,4,6-Tribromophenol	16.04	330	76	0.08	ng	0.02
15) 2-Fluorobiphenyl	13.16	172	1069	0.09	ng	0.01
25) Fluoranthene-d10	19.31	212	7830	0.08	ng	0.00
29) Terphenyl-d14	19.91	244	1797	0.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	2364	1.566	ng	95
3) n-Nitrosodimethylamine	3.73	42	47	0.035	ng	# 100
22) Pentachlorophenol	16.93	266	4	0.022	ng	# 72
32) Bis(2-ethylhexyl)phthalate	21.35	149	1093	0.023	ng	# 99

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

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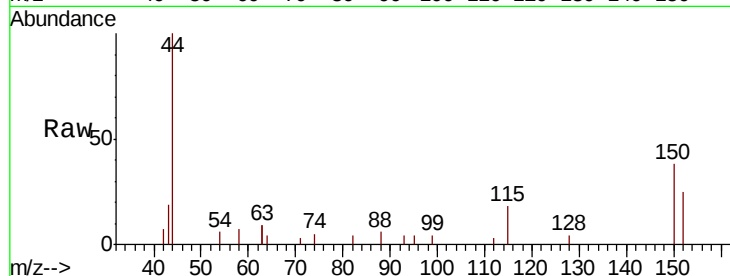


#1

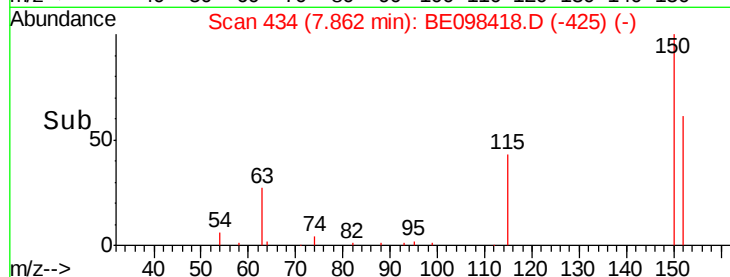
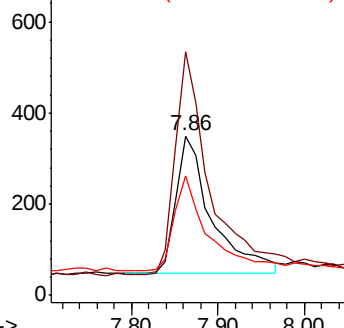
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098418.D
Acq: 14 Dec 2018 4:13

Instrument :
BNA_E
ClientSampleId :
RE-125D2-20181204DL

Tgt Ion: 152 Resp: 873
Ion Ratio Lower Upper
152 100
150 152.6 124.2 186.4
115 75.1 53.9 80.9



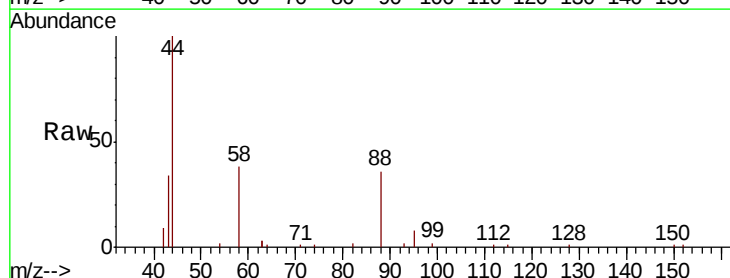
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



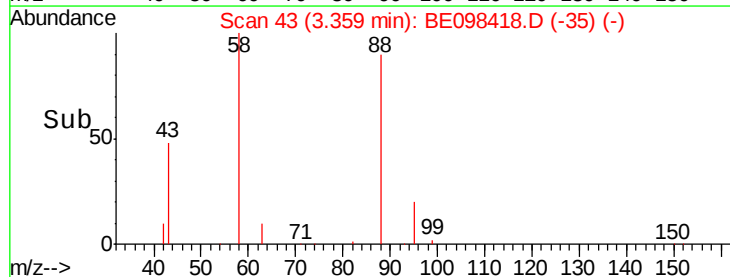
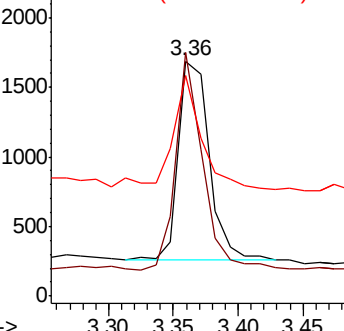
#2

1,4-Dioxane
Concen: 1.566 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098418.D
Acq: 14 Dec 2018 4:13

Tgt Ion: 88 Resp: 2364
Ion Ratio Lower Upper
88 100
58 95.4 75.0 112.6
43 55.4 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: 0.035 ng

RT: 3.73 min Scan# 75

Delta R.T. 0.03 min

Lab File: BE098418.D

Acq: 14 Dec 2018 4:13

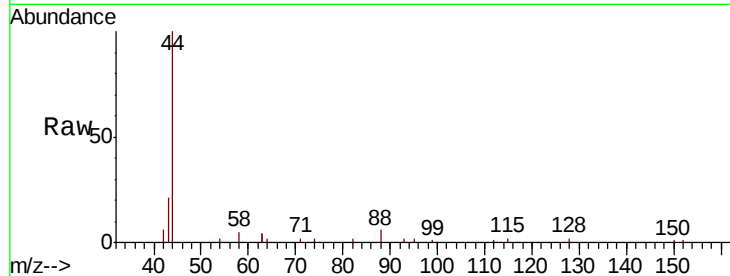
Instrument :

BNA_E

ClientSampleId :

RE-125D2-20181204DL

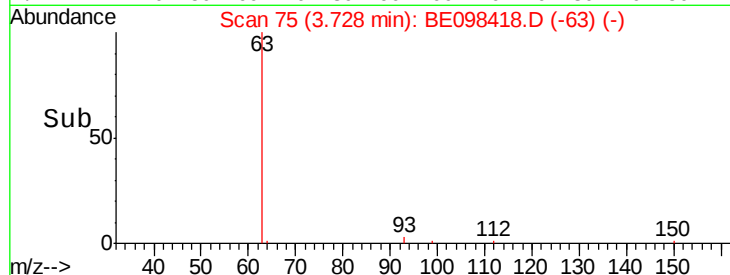
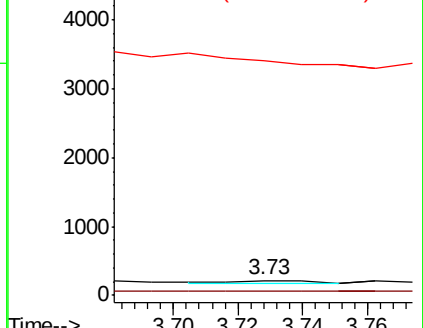
Tgt Ion:	42	Resp:	47
Ion	Ratio	Lower	Upper
42	100		
74	21.3	0.0	0.0#
44	0.0	0.0	0.0



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



#4

2-Fluorophenol

Concen: 0.031 ng

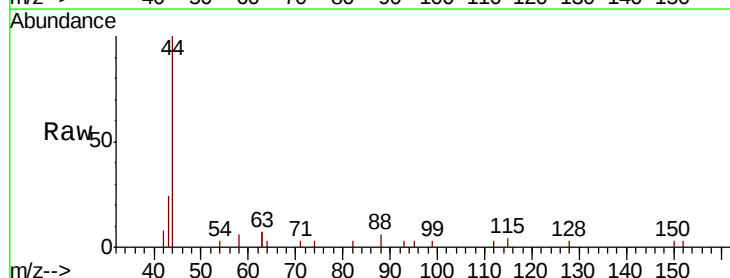
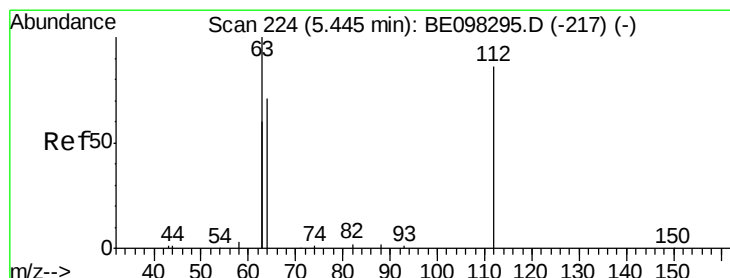
RT: 5.47 min Scan# 226

Delta R.T. 0.02 min

Lab File: BE098418.D

Acq: 14 Dec 2018 4:13

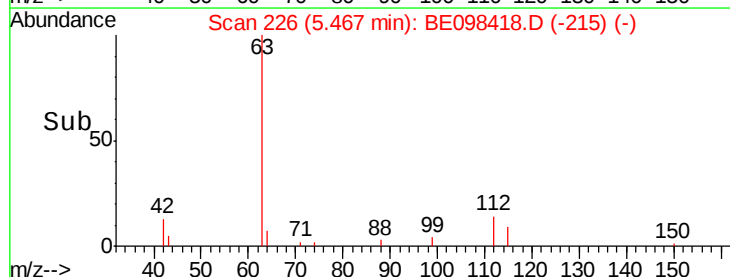
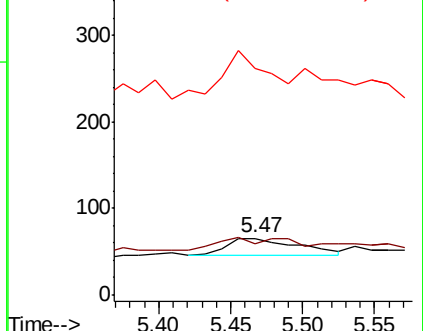
Tgt Ion:	112	Resp:	64
Ion	Ratio	Lower	Upper
112	100		
64	43.8	59.8	89.8#
63	196.9	133.7	200.5



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: 0.007 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098418.D

Acq: 14 Dec 2018 4:13

Instrument :

BNA_E

ClientSampleId :

RE-125D2-20181204DL

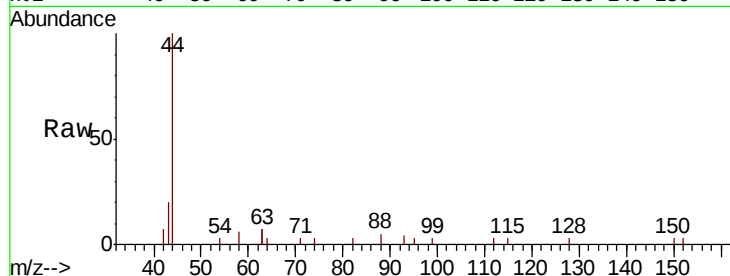
Tgt Ion: 99 Resp: 20

Ion Ratio Lower Upper

99 100

42 170.0 26.3 39.5#

71 0.0 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

150

100

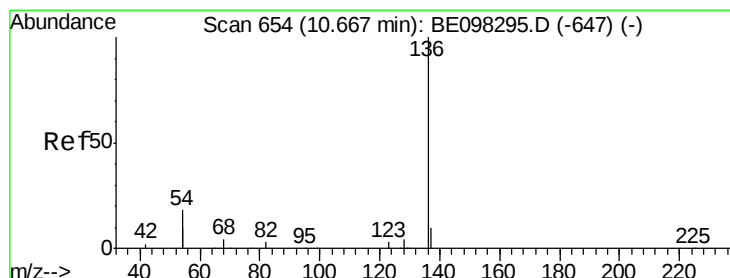
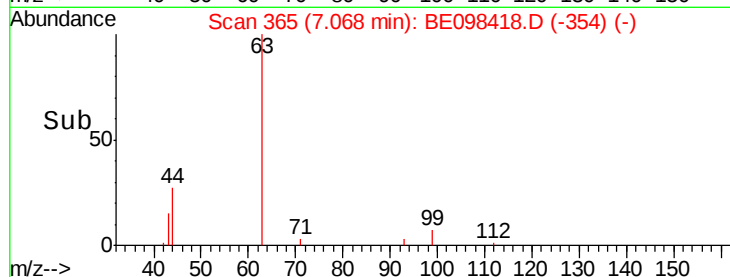
50

0

7.02 7.04 7.06 7.08

7.07

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098418.D

Acq: 14 Dec 2018 4:13

Tgt Ion: 136 Resp: 3940

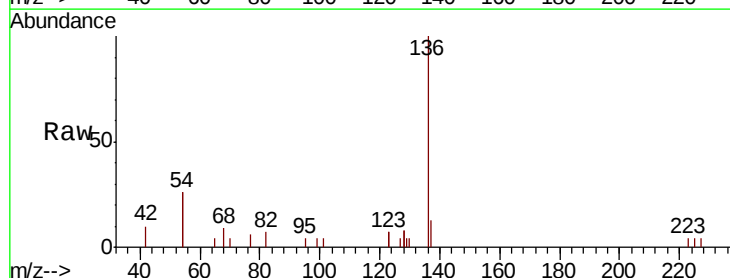
Ion Ratio Lower Upper

136 100

137 13.5 9.2 13.8

54 52.8 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

2000

1500

1000

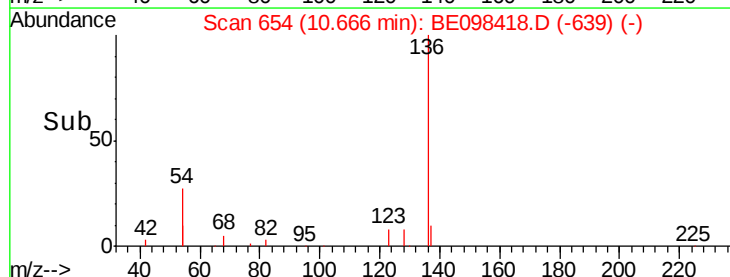
500

0

10.50 10.60 10.70 10.80

10.67

Time-->





#8

Nitrobenzene-d5

Concen: 0.040 ng

RT: 9.08 min Scan# 532

Delta R.T. 0.06 min

Lab File: BE098418.D

Acq: 14 Dec 2018 4:13

Instrument :

BNA_E

ClientSampleId :

RE-125D2-20181204DL

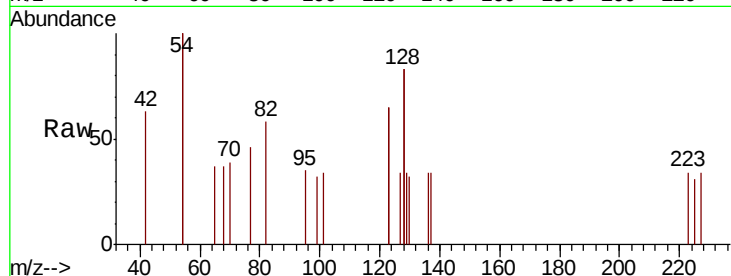
Tgt Ion: 82 Resp: 144

Ion Ratio Lower Upper

82 100

128 287.8 102.4 153.6#

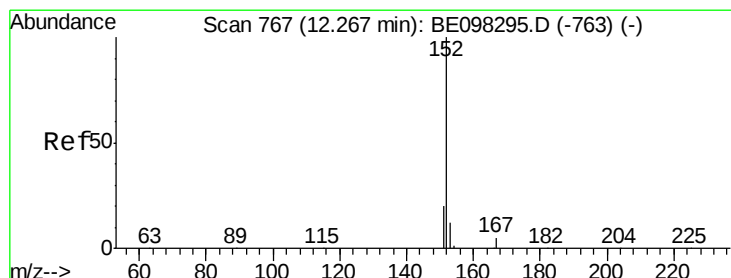
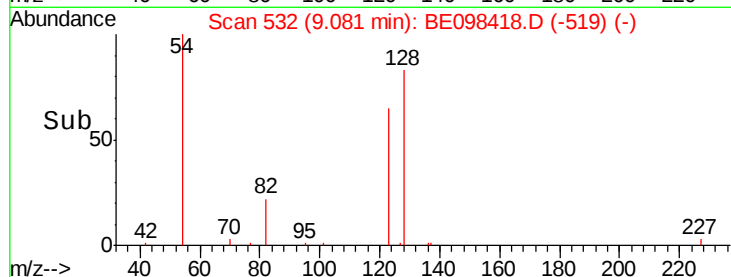
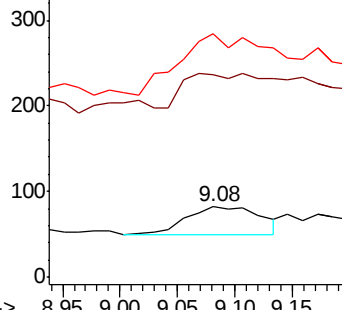
54 346.3 221.8 332.8#



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: 0.093 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE098418.D

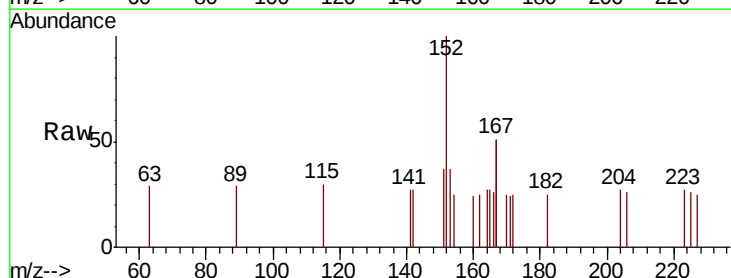
Acq: 14 Dec 2018 4:13

Tgt Ion: 152 Resp: 594

Ion Ratio Lower Upper

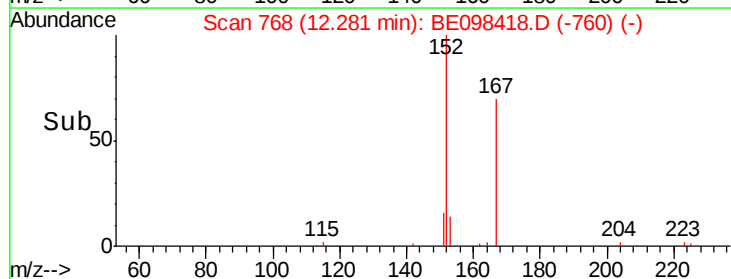
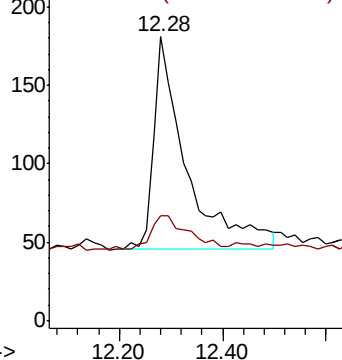
152 100

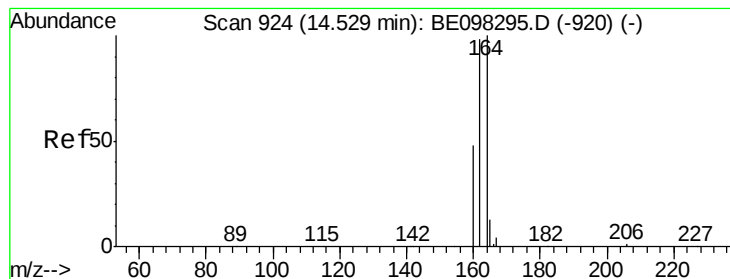
151 17.0 16.2 24.4



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: BE098418.D

Acq: 14 Dec 2018 4:13

Instrument :

BNA_E

ClientSampleId :

RE-125D2-20181204DL

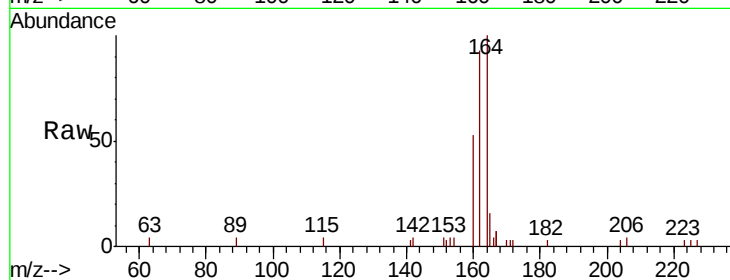
Tgt Ion:164 Resp: 2682

Ion Ratio Lower Upper

164 100

162 92.7 77.6 116.4

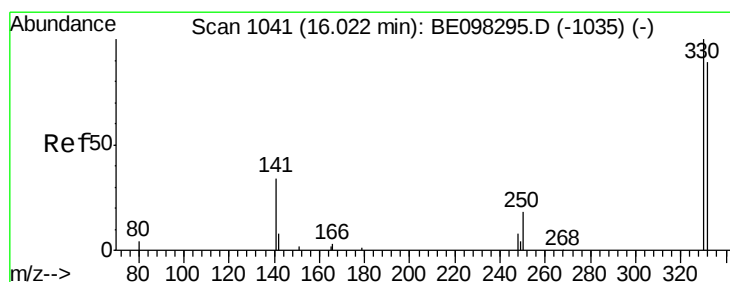
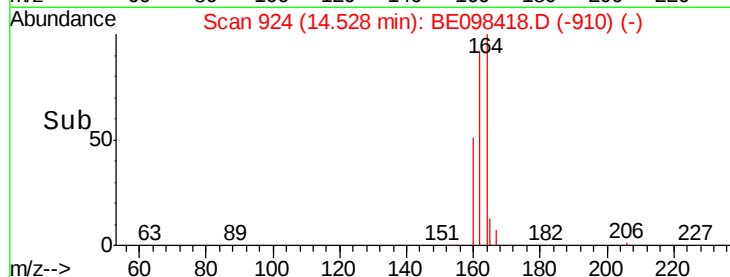
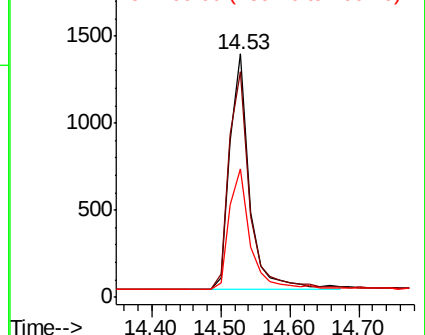
160 52.9 36.0 54.0



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: 0.077 ng

RT: 16.04 min Scan# 1043

Delta R.T. 0.02 min

Lab File: BE098418.D

Acq: 14 Dec 2018 4:13

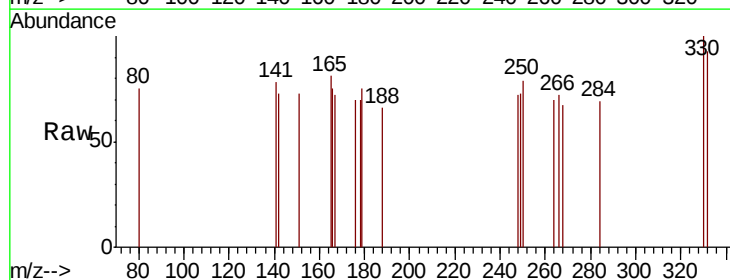
Tgt Ion:330 Resp: 76

Ion Ratio Lower Upper

330 100

332 102.6 76.2 114.4

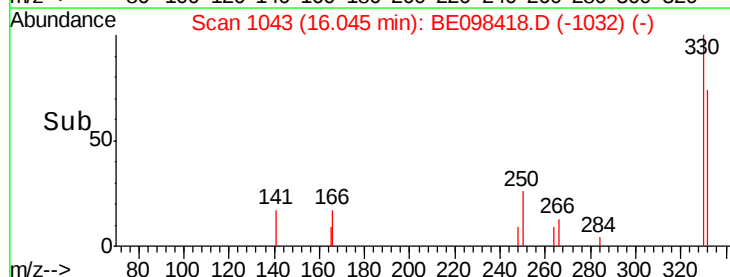
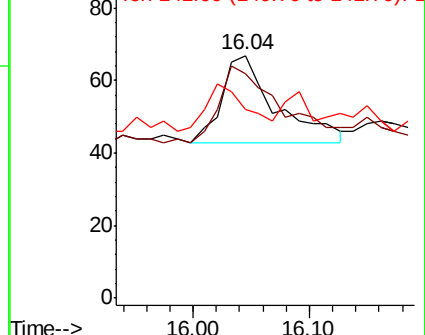
141 0.0 39.0 58.4#

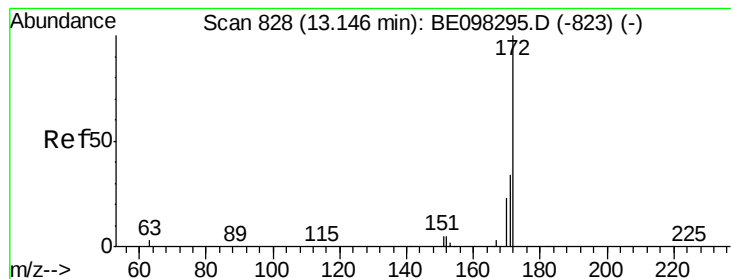


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.094 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE098418.D

Acq: 14 Dec 2018 4:13

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BNA_E

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RE-125D2-20181204DL

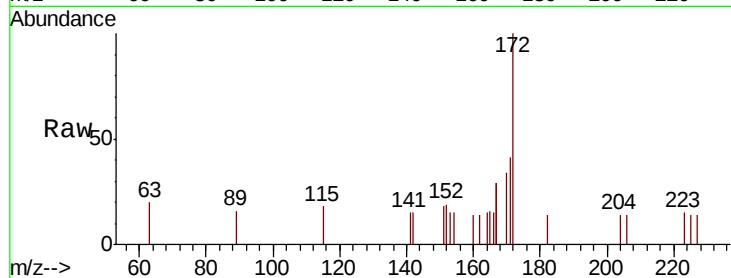
Tgt Ion:172 Resp: 1069

Ion Ratio Lower Upper

172 100

171 40.6 27.5 41.3

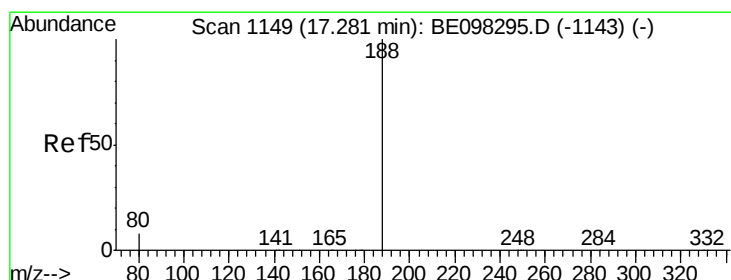
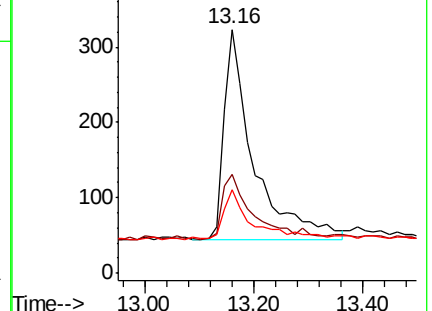
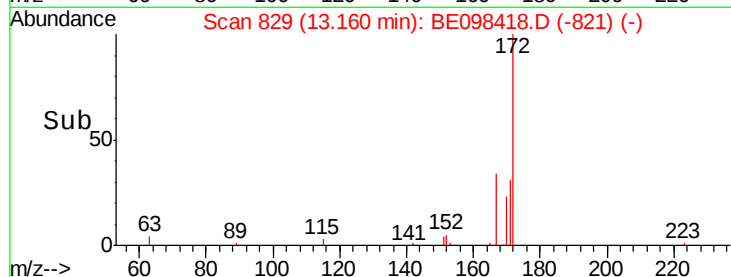
170 34.1 19.6 29.4#



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: BE098418.D

Acq: 14 Dec 2018 4:13

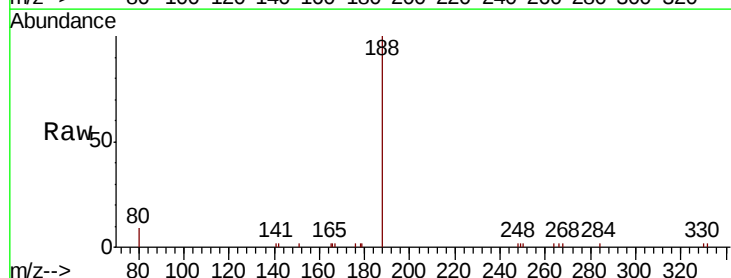
Tgt Ion:188 Resp: 7267

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

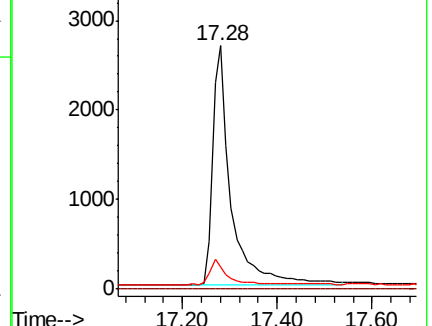
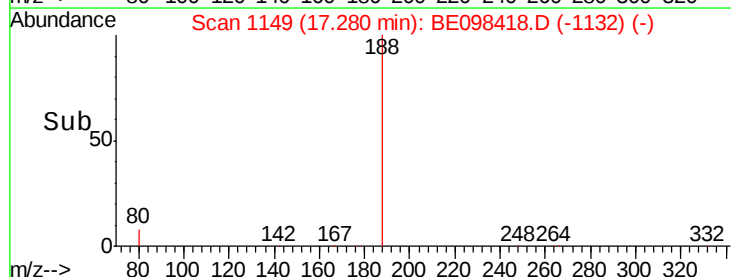
80 9.2 7.2 10.8

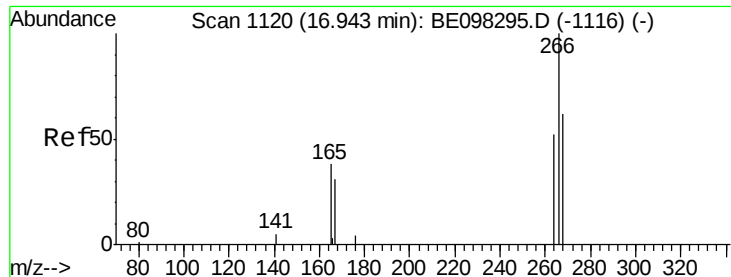


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

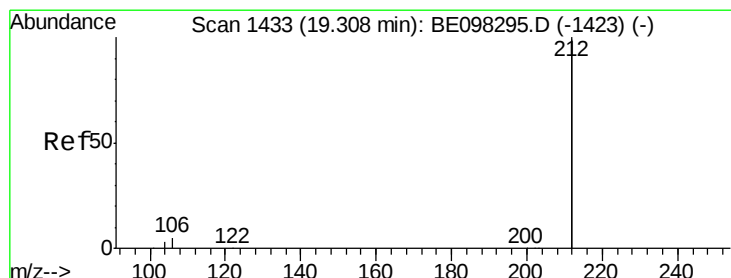
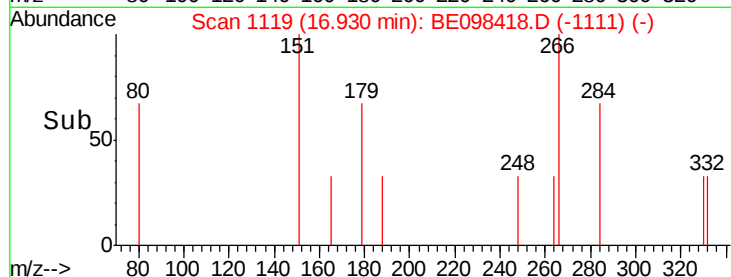
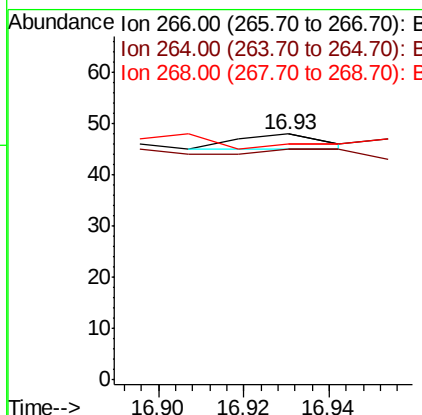
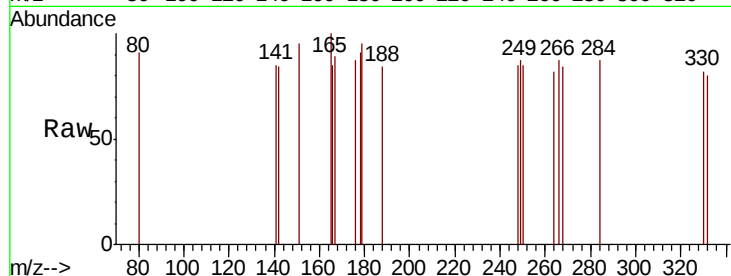




#22
 Pentachlorophenol
 Concen: 0.022 ng
 RT: 16.93 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BE098418.D
 Acq: 14 Dec 2018 4:13

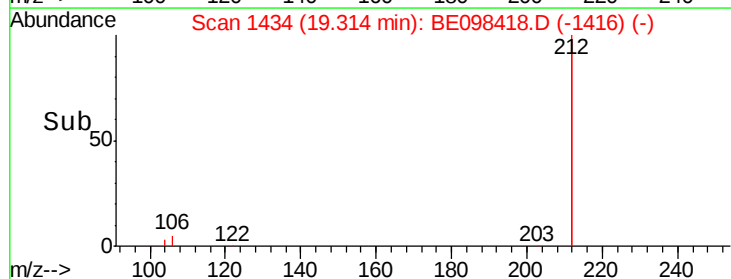
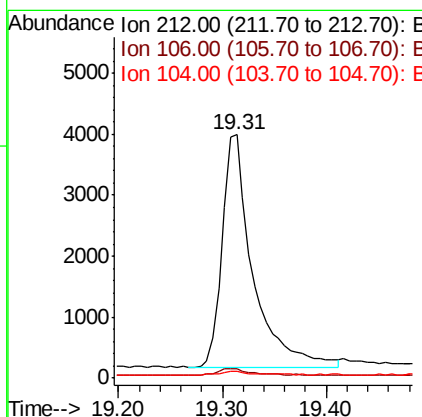
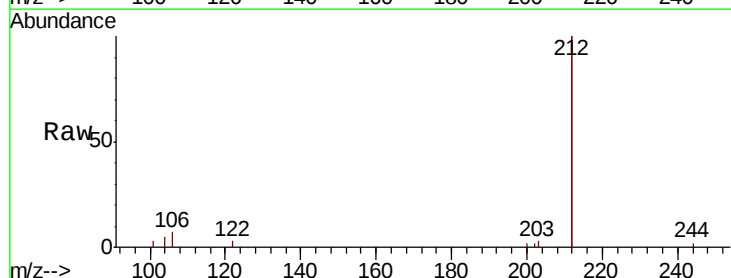
Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-20181204DL

Tgt Ion:	266	Resp:	4
Ion	Ratio	Lower	Upper
266	100		
264	93.8	59.0	88.4#
268	95.8	55.1	82.7#



#25
 Fluoranthene-d10
 Concen: 0.084 ng
 RT: 19.31 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BE098418.D
 Acq: 14 Dec 2018 4:13

Tgt Ion:	212	Resp:	7830
Ion	Ratio	Lower	Upper
212	100		
106	2.8	2.2	3.2
104	1.7	1.3	1.9

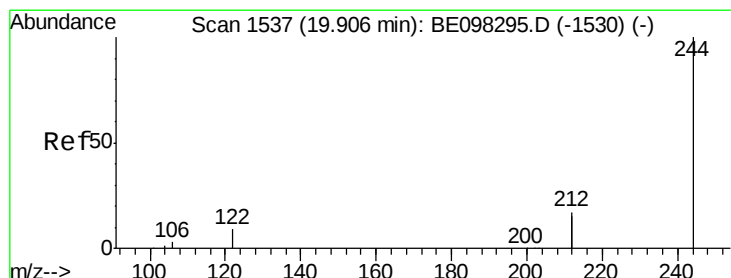
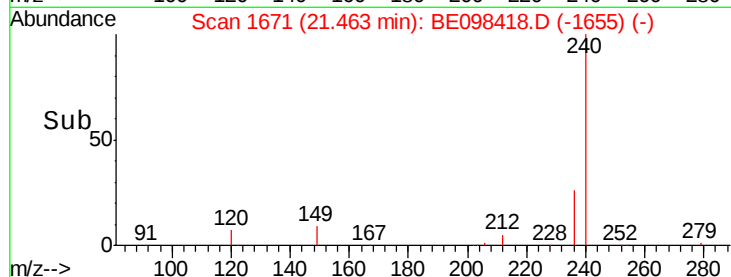
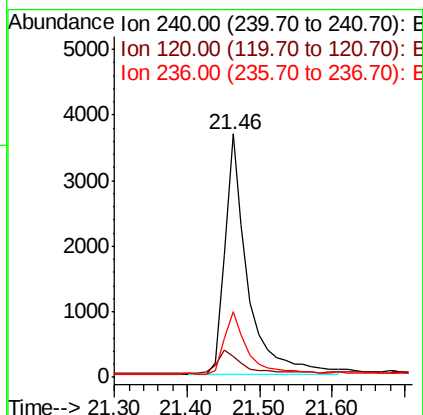
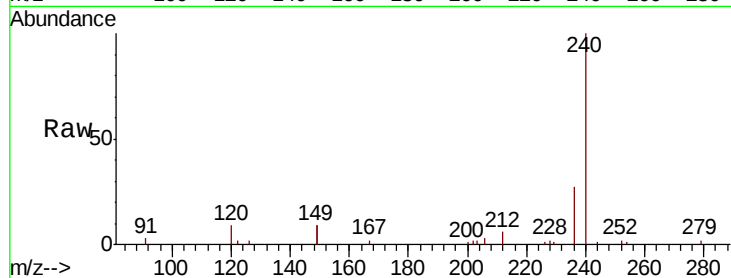




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098418.D
 Acq: 14 Dec 2018 4:13

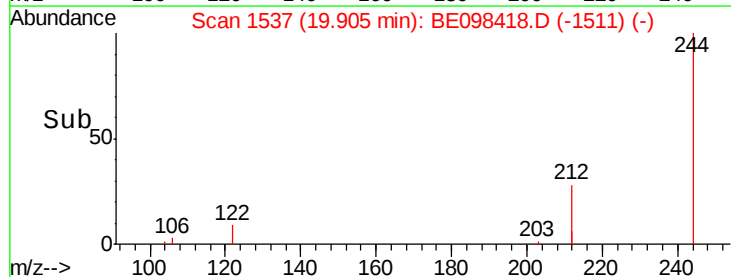
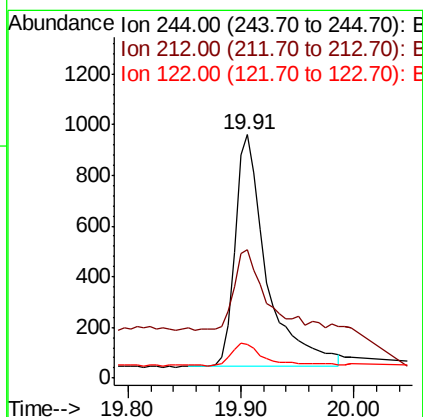
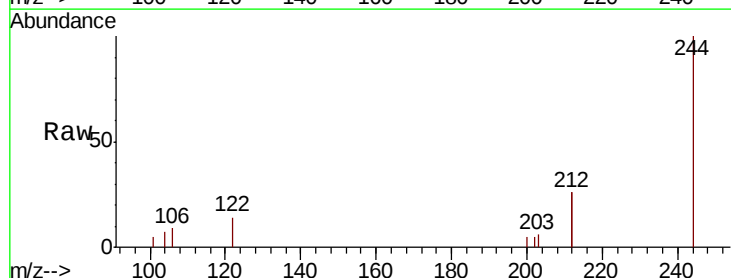
Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-20181204DL

Tgt Ion:240 Resp: 8065
 Ion Ratio Lower Upper
 240 100
 120 8.8 9.5 14.3#
 236 26.8 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.092 ng
 RT: 19.91 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BE098418.D
 Acq: 14 Dec 2018 4:13

Tgt Ion:244 Resp: 1797
 Ion Ratio Lower Upper
 244 100
 212 52.7 27.4 41.0#
 122 14.0 8.3 12.5#

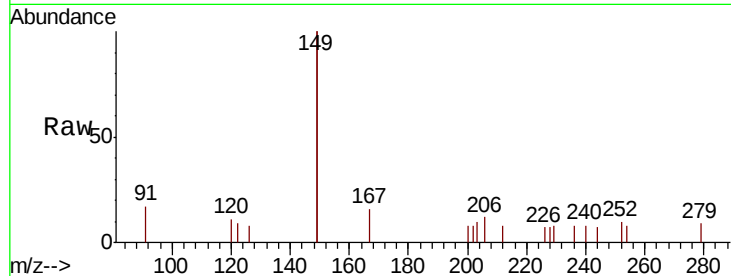




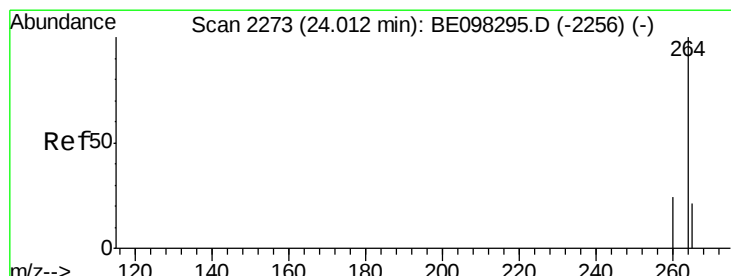
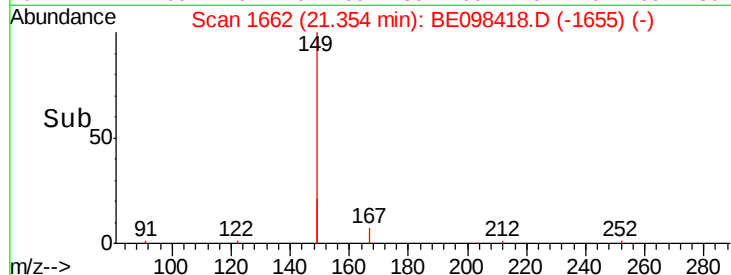
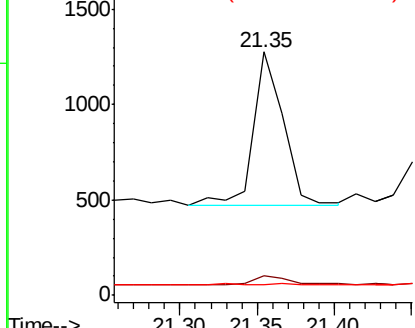
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.023 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098418.D
 Acq: 14 Dec 2018 4:13

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-20181204DL

Tgt Ion:149 Resp: 1093
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.7 8.5
 279 2.0 1.0 1.4#

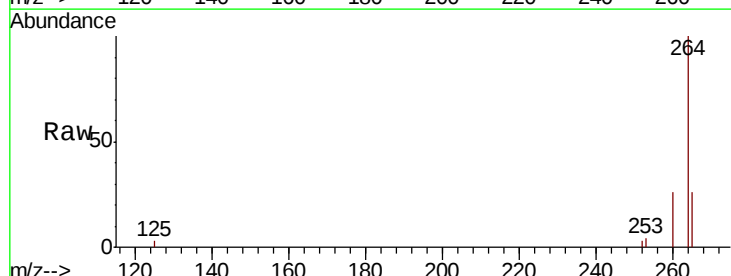


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098418.D
 Acq: 14 Dec 2018 4:13

Tgt Ion:264 Resp: 7651
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.2 30.2
 265 26.2 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

