

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121318\
 Data File : BE098407.D
 Acq On : 13 Dec 2018 21:27
 Operator : SJ/JU
 Sample : J6323-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-126D1-20181207

Quant Time: Dec 13 23:09:23 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

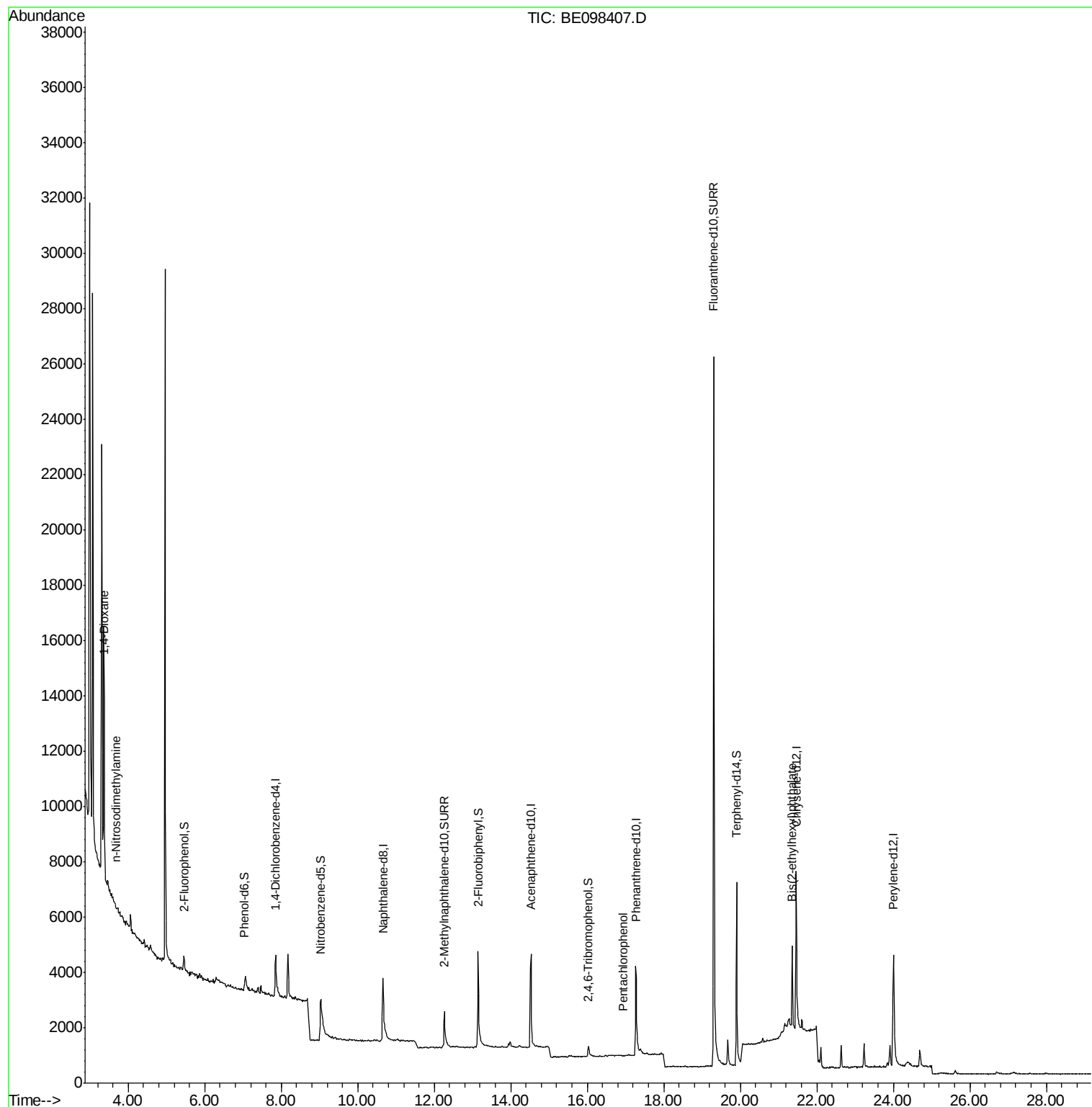
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	983	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4057	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2615	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6434	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	8088	0.40	ng	0.00
34) Perylene-d12	24.00	264	7763	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	476	0.21	ng	0.00
5) Phenol-d6	7.04	99	458	0.14	ng	0.00
8) Nitrobenzene-d5	9.04	82	1440	0.39	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	2853	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	399	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5086	0.46	ng	0.00
25) Fluoranthene-d10	19.30	212	43682	0.53	ng	0.00
29) Terphenyl-d14	19.90	244	7404	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	4854	2.855	ng	Qvalue 96
3) n-Nitrosodimethylamine	3.68	42	54	0.035	ng	# 100
22) Pentachlorophenol	16.93	266	3	0.021	ng	# 69
32) Bis(2-ethylhexyl)phthalate	21.35	149	3982	0.085	ng	# 100

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

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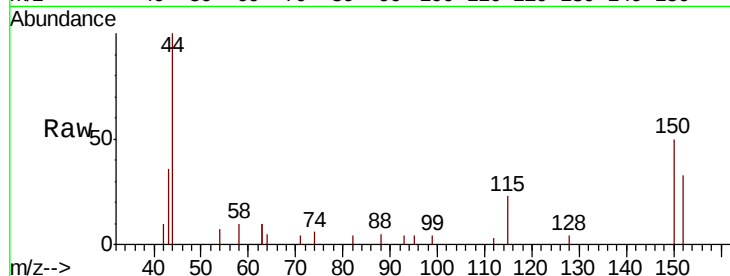


#1

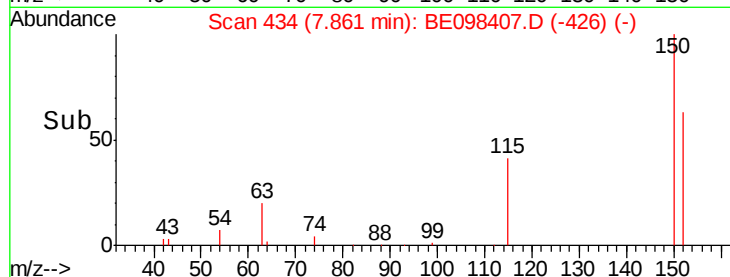
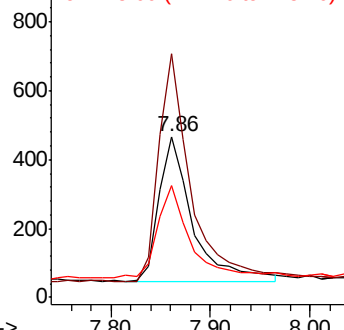
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098407.D
Acq: 13 Dec 2018 21:27

Instrument :
BNA_E
ClientSampleId :
RE-126D1-20181207

Tgt Ion:152 Resp: 983
Ion Ratio Lower Upper
152 100
150 151.4 124.2 186.4
115 69.8 53.9 80.9



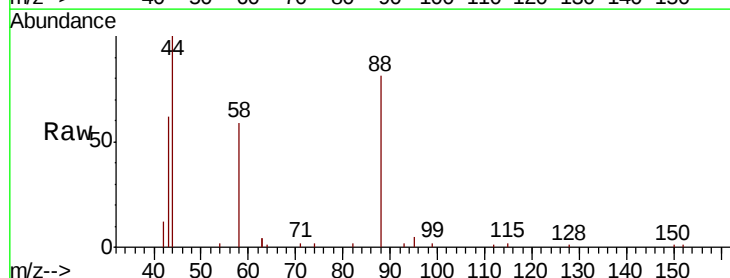
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



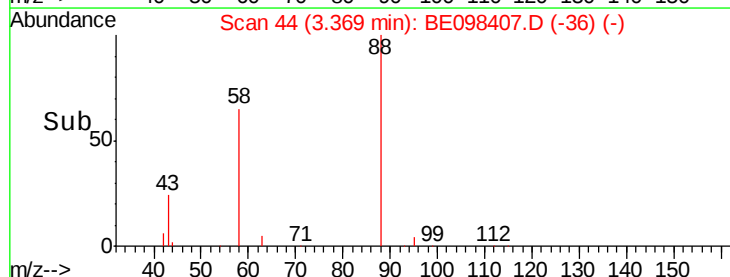
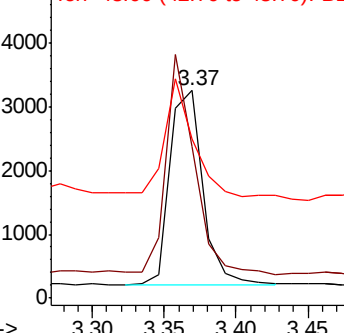
#2

1,4-Dioxane
Concen: 2.855 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098407.D
Acq: 13 Dec 2018 21:27

Tgt Ion: 88 Resp: 4854
Ion Ratio Lower Upper
88 100
58 96.7 75.0 112.6
43 51.4 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: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE098407.D

Acq: 13 Dec 2018 21:27

Instrument :

BNA_E

ClientSampleId :

RE-126D1-20181207

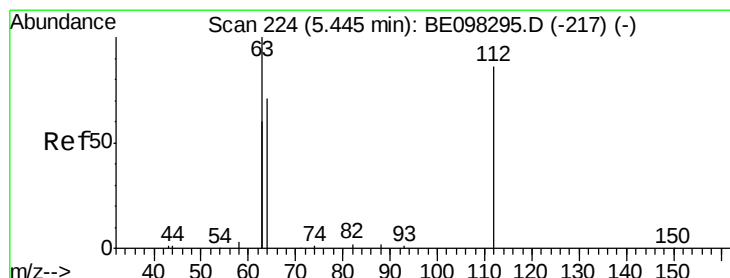
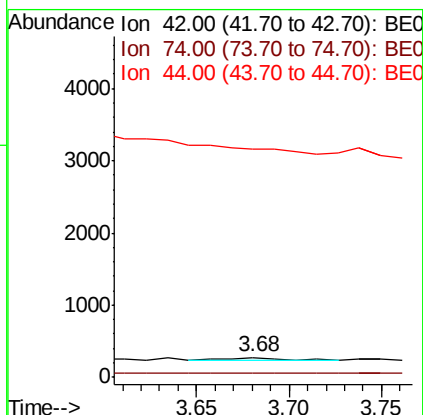
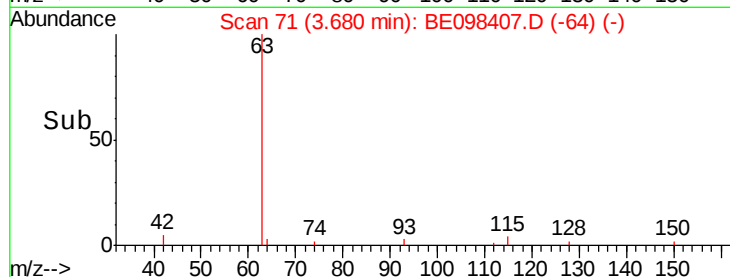
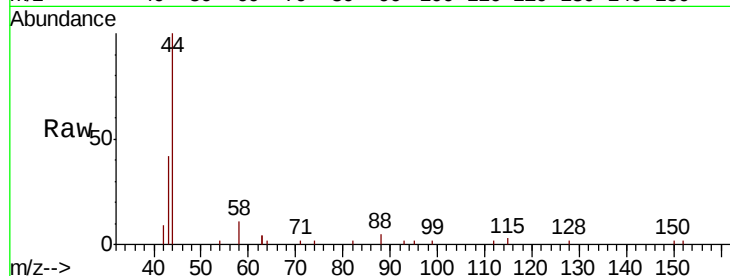
Tgt Ion: 42 Resp: 54

Ion Ratio Lower Upper

42 100

74 24.1 0.0 0.0#

44 0.0 0.0 0.0



#4

2-Fluorophenol

Concen: 0.207 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098407.D

Acq: 13 Dec 2018 21:27

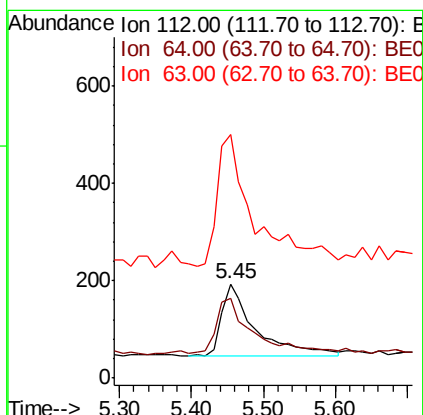
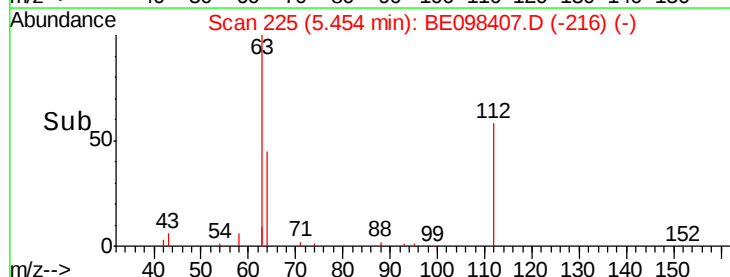
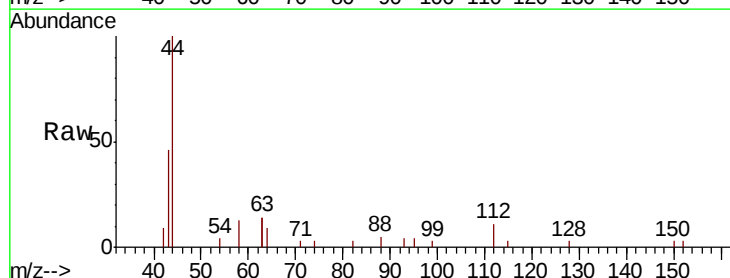
Tgt Ion: 112 Resp: 476

Ion Ratio Lower Upper

112 100

64 84.0 59.8 89.8

63 206.1 133.7 200.5#





#5

Phenol-d6

Concen: 0.141 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098407.D

Acq: 13 Dec 2018 21:27

Instrument :

BNA_E

ClientSampleId :

RE-126D1-20181207

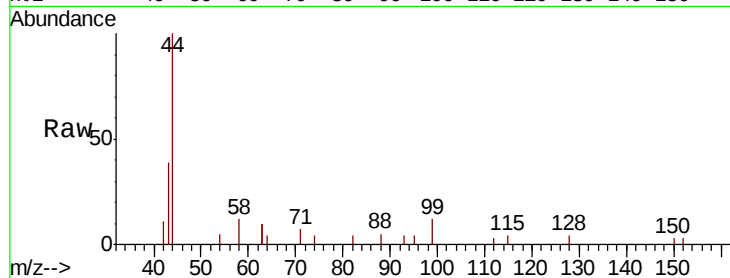
Tgt Ion: 99 Resp: 458

Ion Ratio Lower Upper

99 100

42 50.4 26.3 39.5#

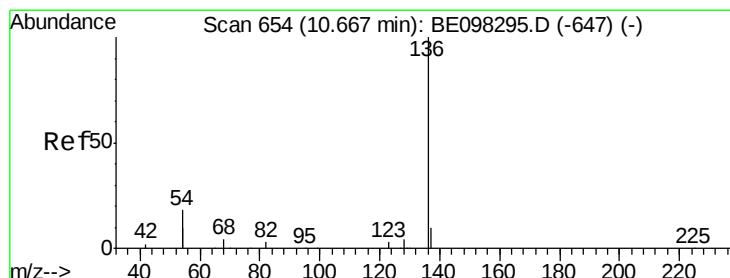
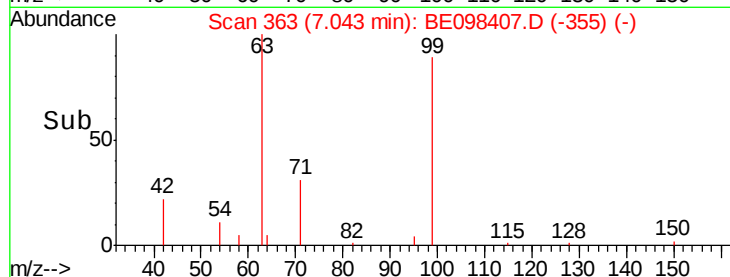
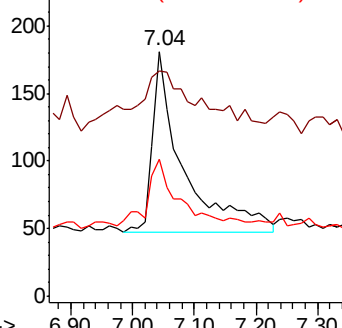
71 35.4 33.6 50.4



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: BE098407.D

Acq: 13 Dec 2018 21:27

Tgt Ion: 136 Resp: 4057

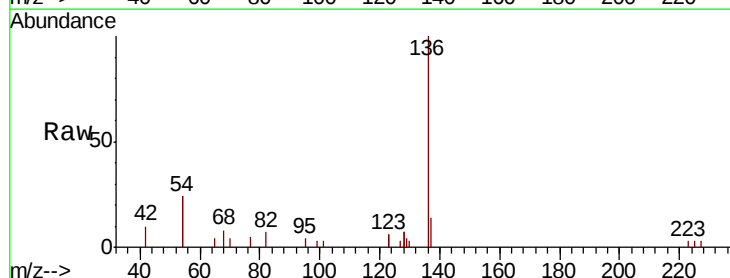
Ion Ratio Lower Upper

136 100

137 13.7 9.2 13.8

54 47.2 28.4 42.6#

68 8.1 5.4 8.0#

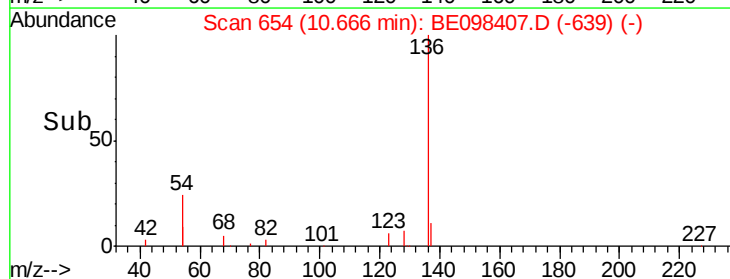
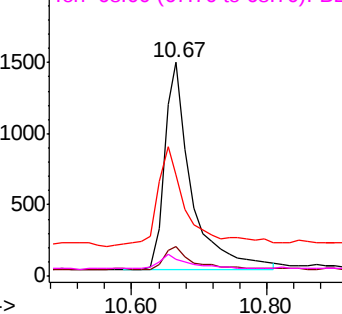


Abundance Ion 136.00 (135.70 to 136.70): E

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

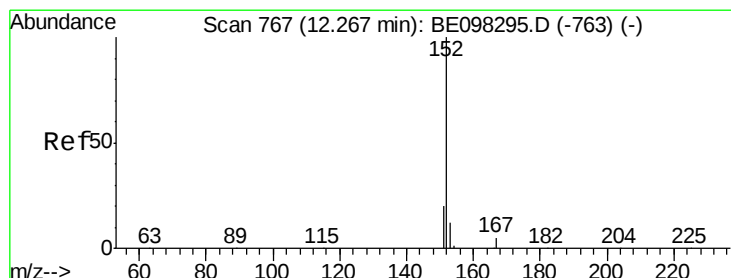
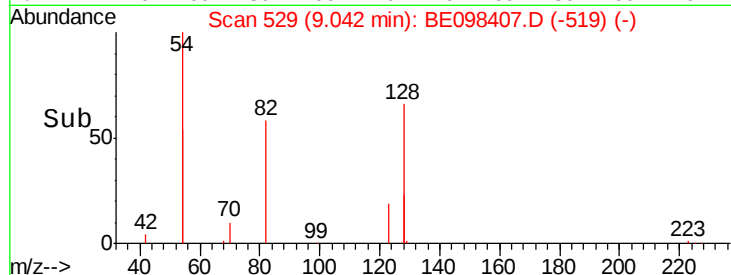
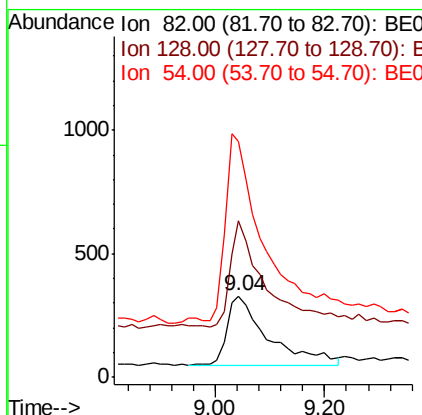
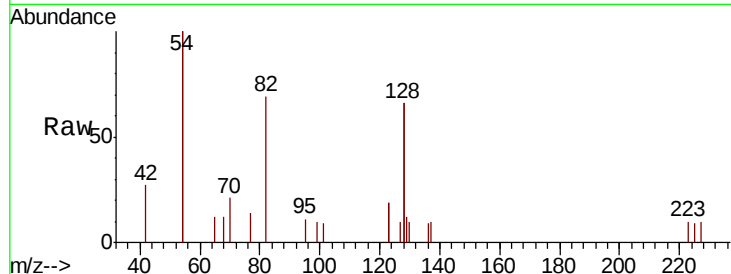




#8
 Nitrobenzene-d5
 Concen: 0.390 ng
 RT: 9.04 min Scan# 529
 Delta R.T. 0.03 min
 Lab File: BE098407.D
 Acq: 13 Dec 2018 21:27

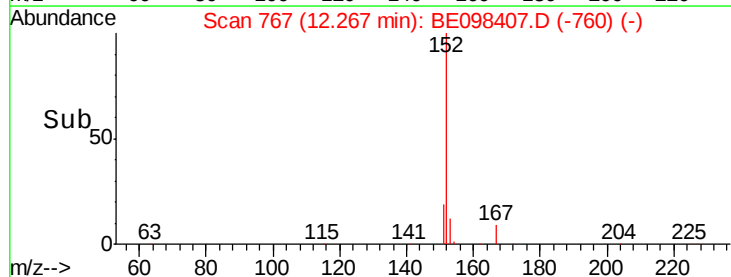
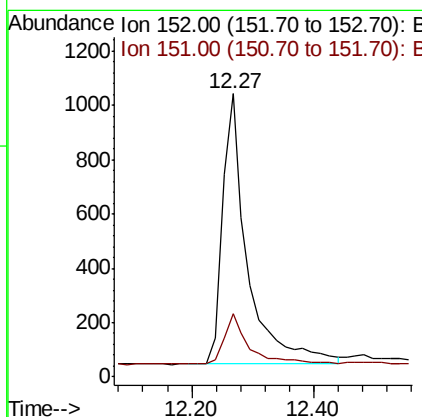
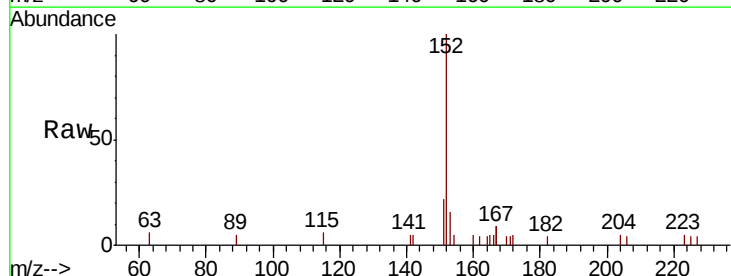
Instrument :
 BNA_E
 ClientSampleId :
 RE-126D1-20181207

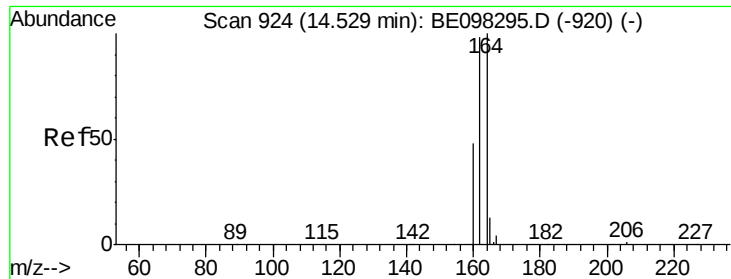
Tgt Ion: 82 Resp: 1440
 Ion Ratio Lower Upper
 82 100
 128 191.5 102.4 153.6#
 54 289.7 221.8 332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.432 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098407.D
 Acq: 13 Dec 2018 21:27

Tgt Ion: 152 Resp: 2853
 Ion Ratio Lower Upper
 152 100
 151 18.3 16.2 24.4

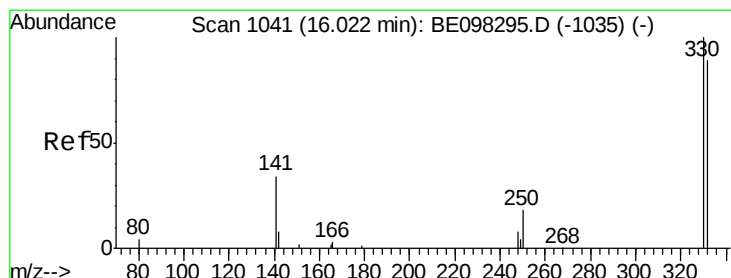
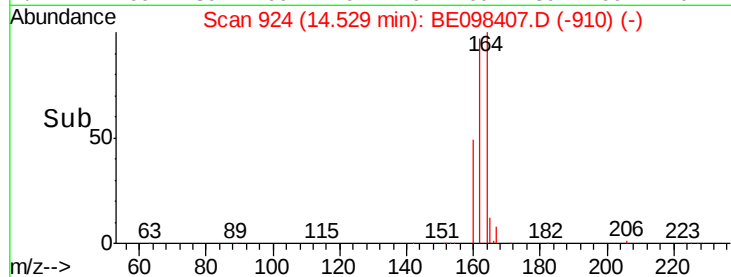
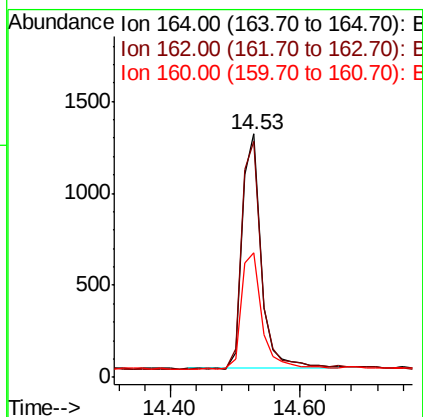
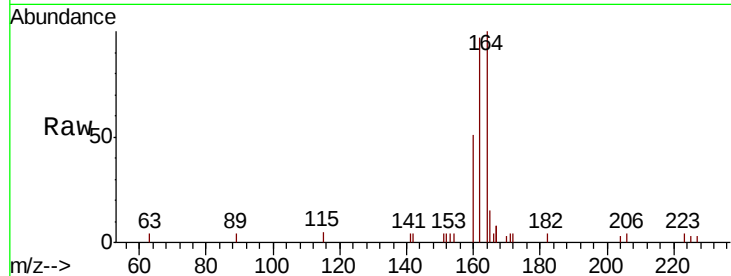




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098407.D
 Acq: 13 Dec 2018 21:27

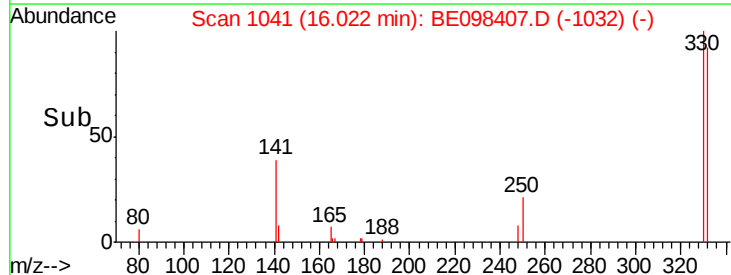
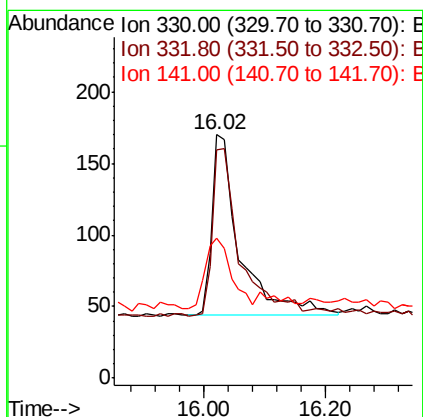
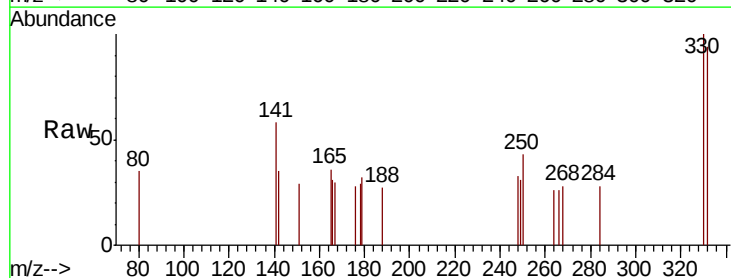
Instrument :
 BNA_E
 ClientSampleId :
 RE-126D1-20181207

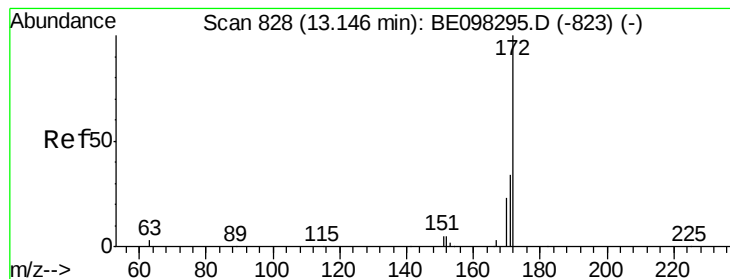
Tgt Ion:164 Resp: 2615
 Ion Ratio Lower Upper
 164 100
 162 96.7 77.6 116.4
 160 51.2 36.0 54.0



#14
 2,4,6-Tribromophenol
 Concen: 0.416 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098407.D
 Acq: 13 Dec 2018 21:27

Tgt Ion:330 Resp: 399
 Ion Ratio Lower Upper
 330 100
 332 92.5 76.2 114.4
 141 35.1 39.0 58.4#





#15

2-Fluorobiphenyl

Concen: 0.461 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BE098407.D

Acq: 13 Dec 2018 21:27

Instrument :

BNA_E

ClientSampleId :

RE-126D1-20181207

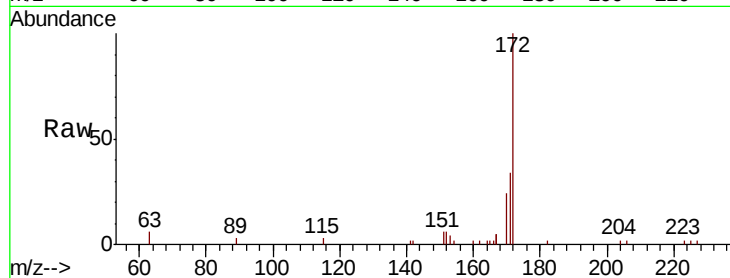
Tgt Ion:172 Resp: 5086

Ion Ratio Lower Upper

172 100

171 34.2 27.5 41.3

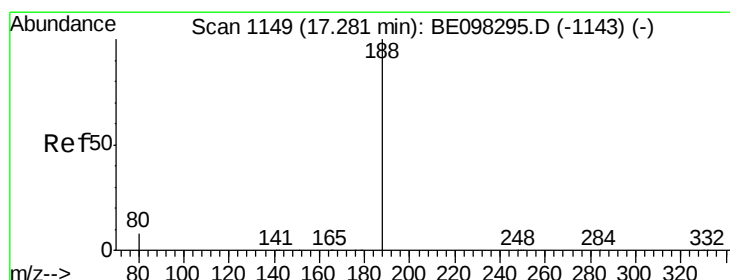
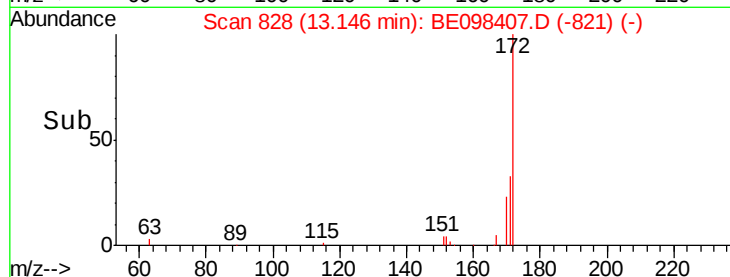
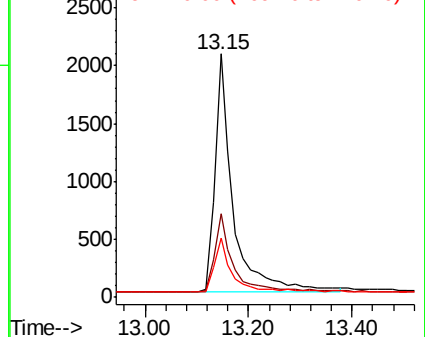
170 24.3 19.6 29.4



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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098407.D

Acq: 13 Dec 2018 21:27

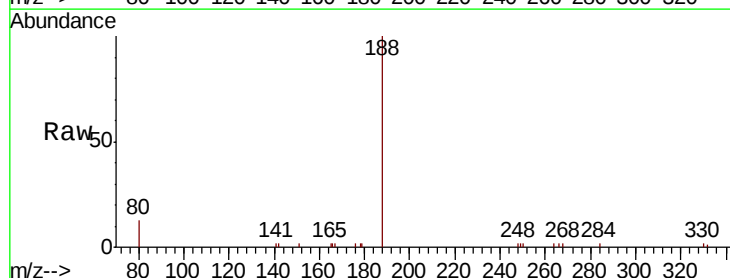
Tgt Ion:188 Resp: 6434

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

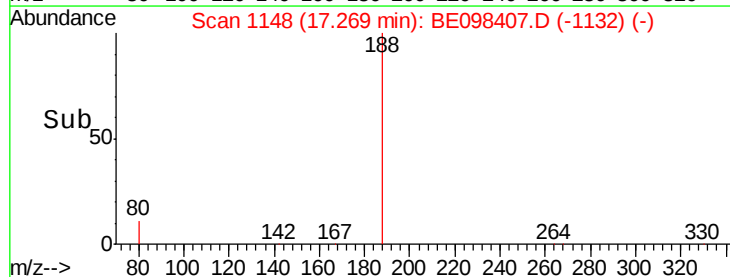
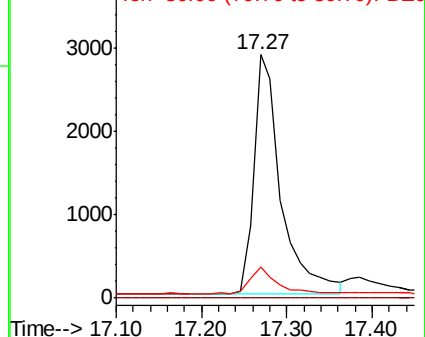
80 13.0 7.2 10.8#

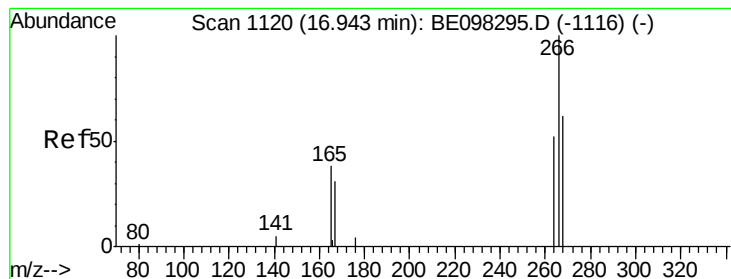


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.021 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098407.D

Acq: 13 Dec 2018 21:27

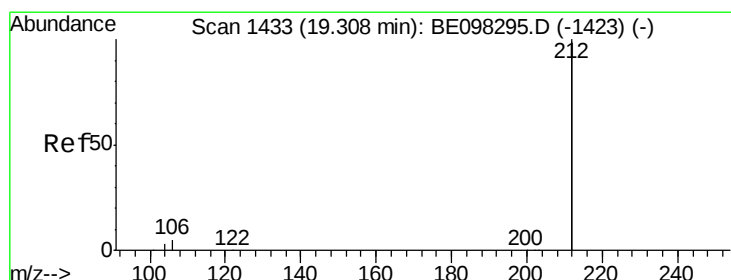
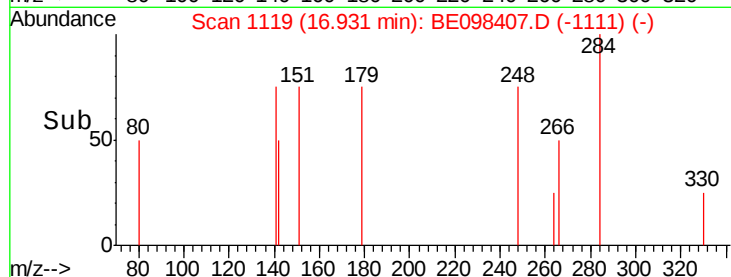
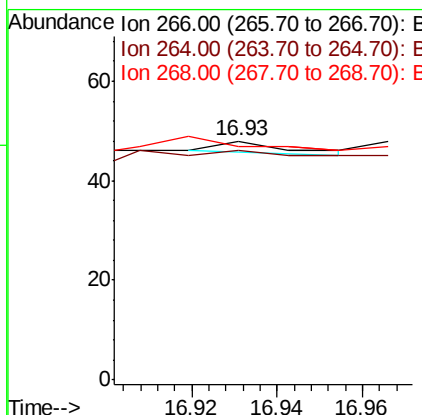
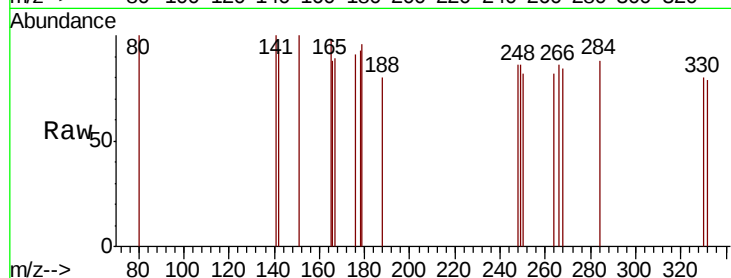
Instrument :

BNA_E

ClientSampleId :

RE-126D1-20181207

Tgt Ion:	266	Resp:	3
Ion	Ratio	Lower	Upper
266	100		
264	95.8	59.0	88.4#
268	97.9	55.1	82.7#



#25

Fluoranthene-d10

Concen: 0.529 ng

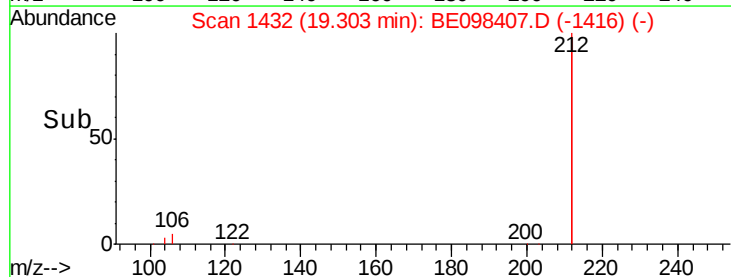
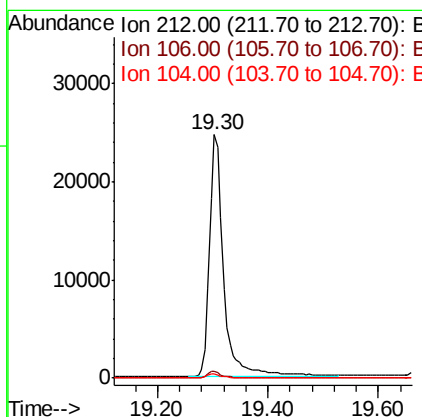
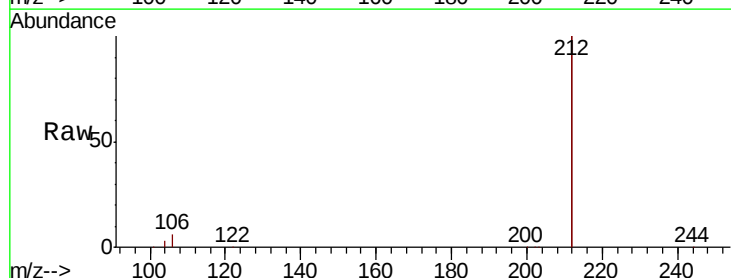
RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098407.D

Acq: 13 Dec 2018 21:27

Tgt Ion:	212	Resp:	43682
Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.2	3.2
104	1.5	1.3	1.9

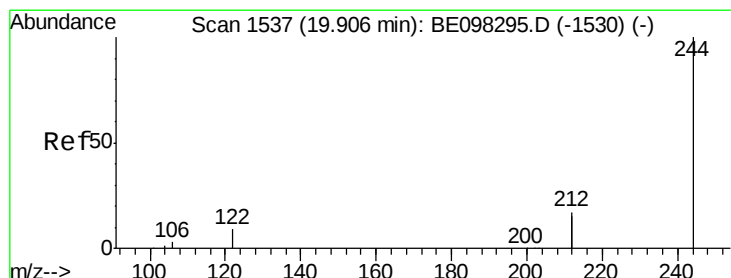
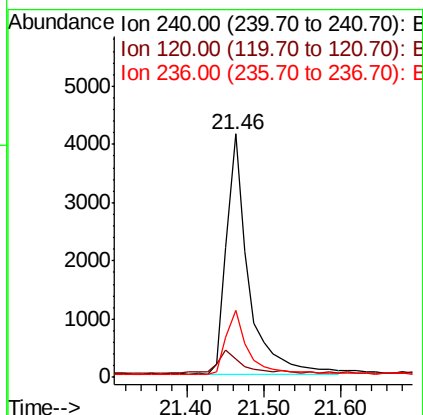
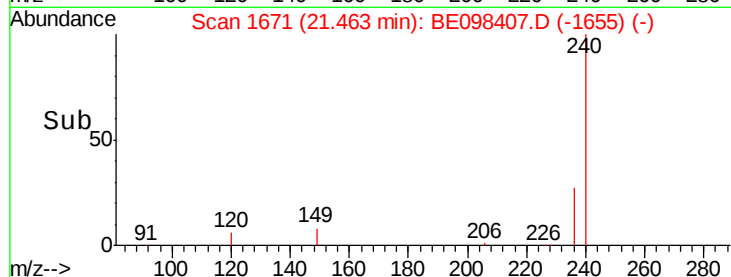
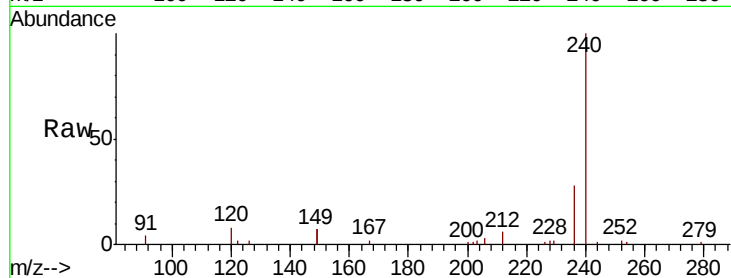




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098407.D
Acq: 13 Dec 2018 21:27

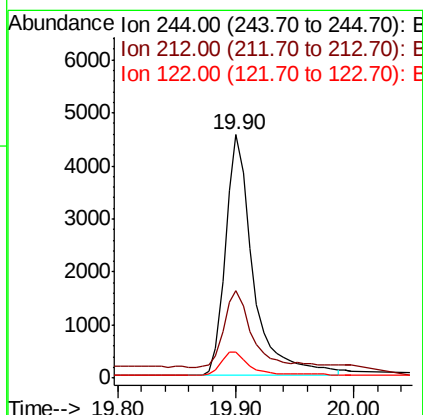
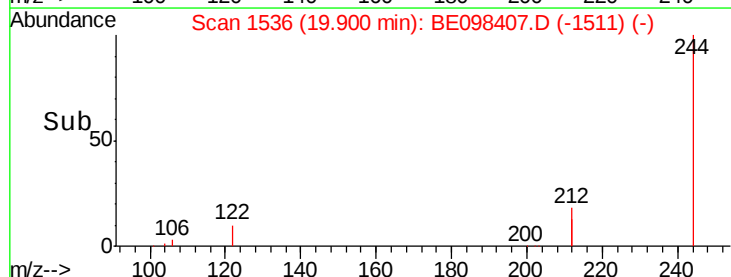
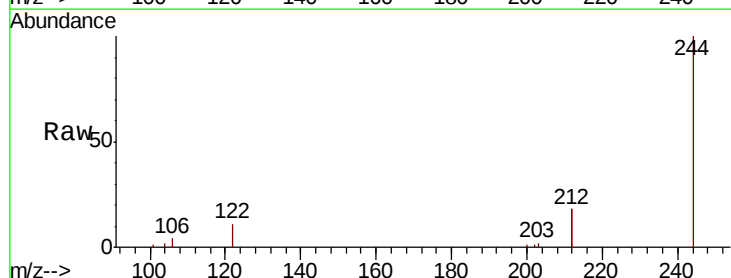
Instrument :
BNA_E
ClientSampleId :
RE-126D1-20181207

Tgt Ion:240 Resp: 8088
Ion Ratio Lower Upper
240 100
120 7.7 9.5 14.3#
236 27.7 22.7 34.1



#29
Terphenyl-d14
Concen: 0.377 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BE098407.D
Acq: 13 Dec 2018 21:27

Tgt Ion:244 Resp: 7404
Ion Ratio Lower Upper
244 100
212 36.0 27.4 41.0
122 10.5 8.3 12.5

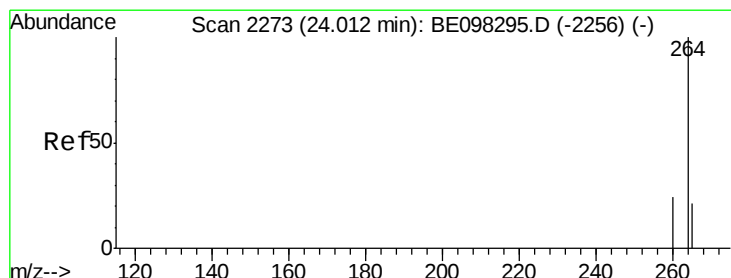
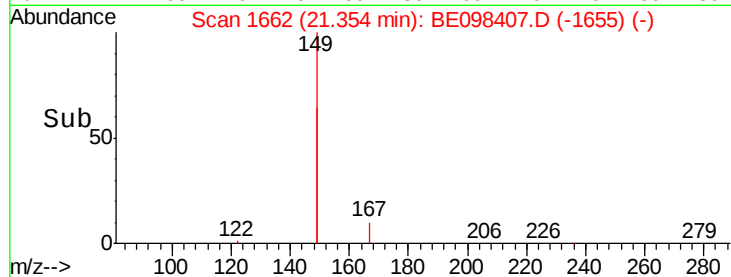
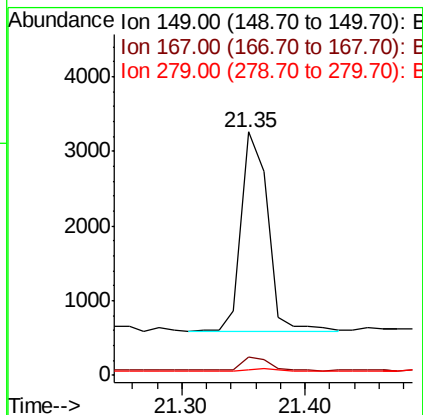
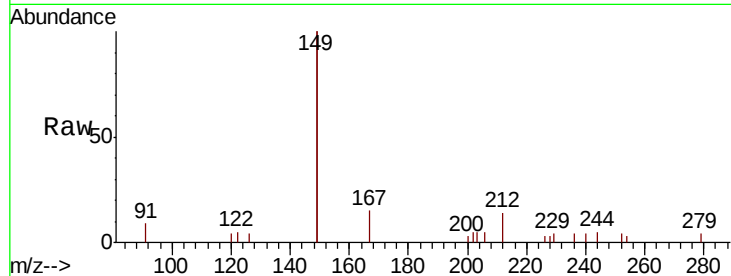




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.085 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098407.D
 Acq: 13 Dec 2018 21:27

Instrument :
 BNA_E
 ClientSampleId :
 RE-126D1-20181207

Tgt Ion:149 Resp: 3982
 Ion Ratio Lower Upper
 149 100
 167 7.0 5.7 8.5
 279 1.9 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BE098407.D
 Acq: 13 Dec 2018 21:27

Tgt Ion:264 Resp: 7763
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.2 30.2
 265 27.2 25.2 37.8

