

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
 Data File : BE098375.D
 Acq On : 12 Dec 2018 23:45
 Operator : SJ/JU
 Sample : J6324-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-104D1-20181206

Quant Time: Dec 13 05:53:50 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	1043	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4720	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3109	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8346	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9229	0.40	ng	0.00
34) Perylene-d12	24.01	264	8839	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	524	0.21	ng	0.01
5) Phenol-d6	7.07	99	325	0.09	ng	0.02
8) Nitrobenzene-d5	9.04	82	1515	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	3214	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	506	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5405	0.41	ng	0.00
25) Fluoranthene-d10	19.30	212	46592	0.44	ng	0.00
29) Terphenyl-d14	19.90	244	7955	0.35	ng	0.00

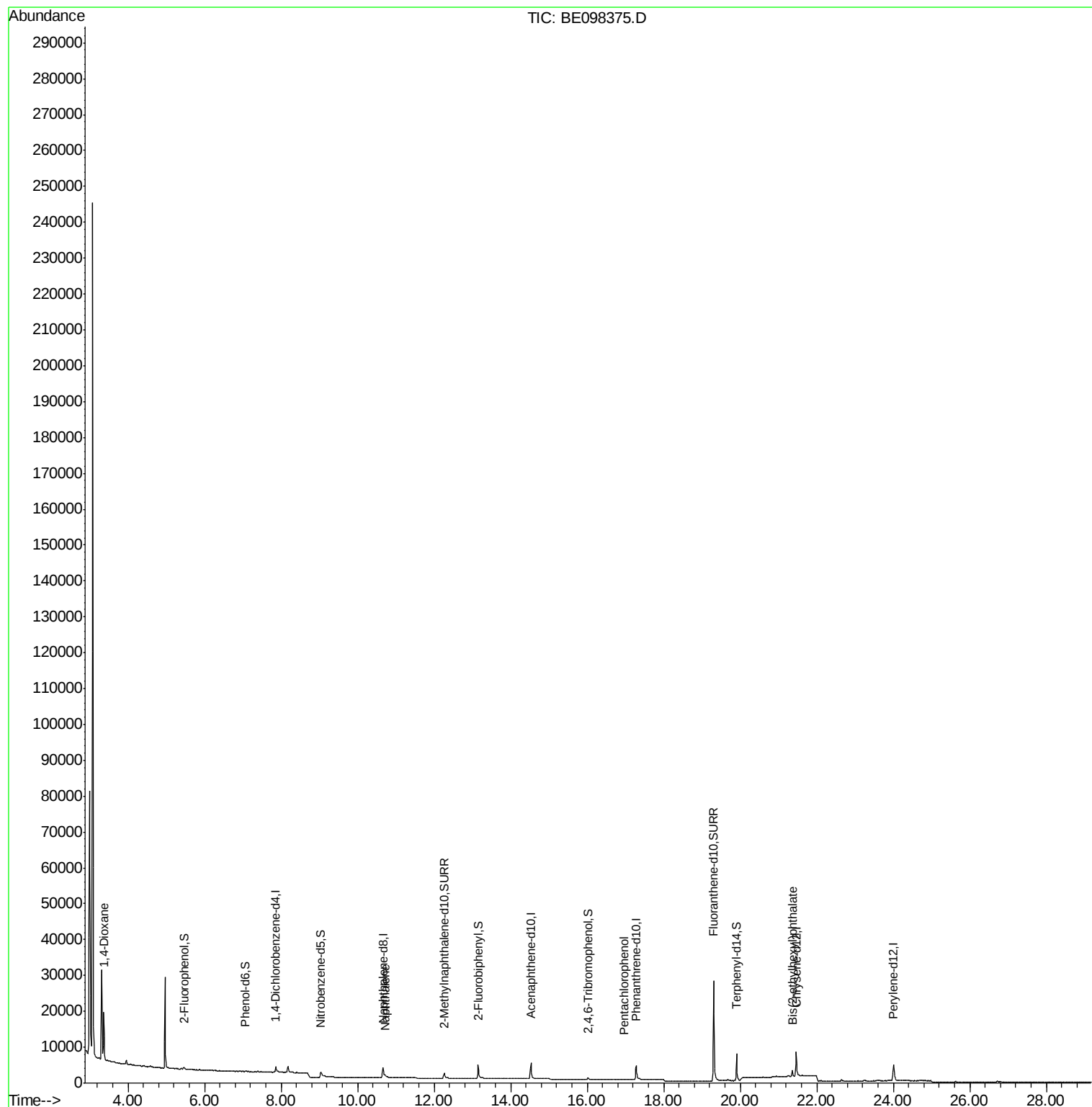
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	6699	3.714	ng	99
9) Naphthalene	10.72	128	1073	0.023	ng	# 79
22) Pentachlorophenol	16.96	266	8	0.027	ng	# 75
32) Bis(2-ethylhexyl)phthalate	21.37	149	2449	0.046	ng	# 97

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

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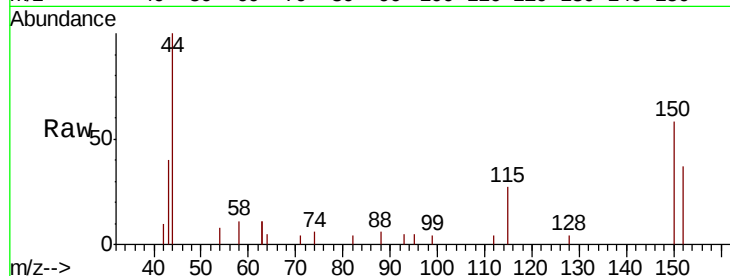


#1

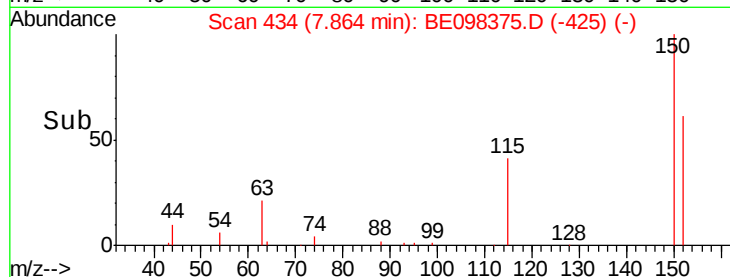
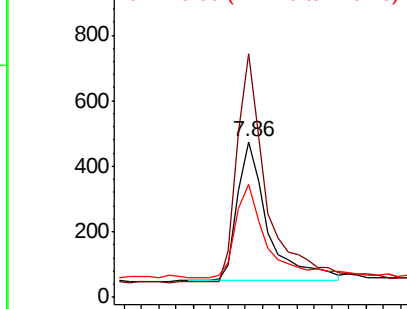
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098375.D
Acq: 12 Dec 2018 23:45

Instrument :
BNA_E
ClientSampleId :
RE-104D1-20181206

Tgt Ion:152 Resp: 1043
Ion Ratio Lower Upper
152 100
150 156.8 124.2 186.4
115 73.2 53.9 80.9



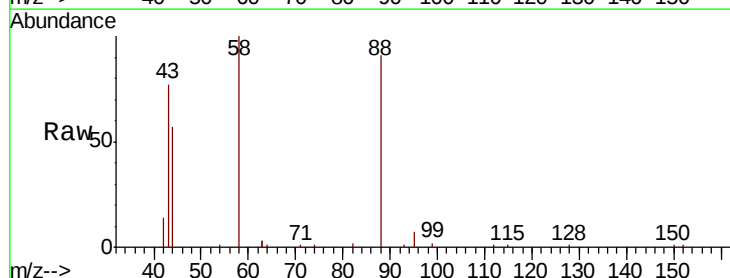
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



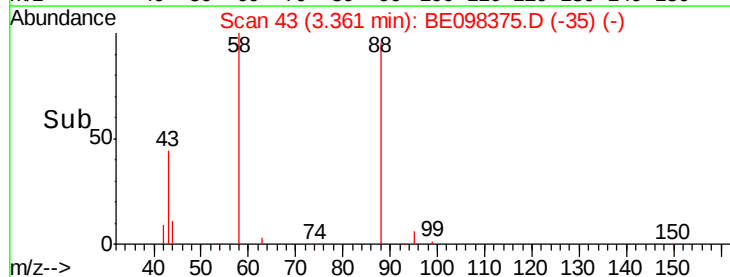
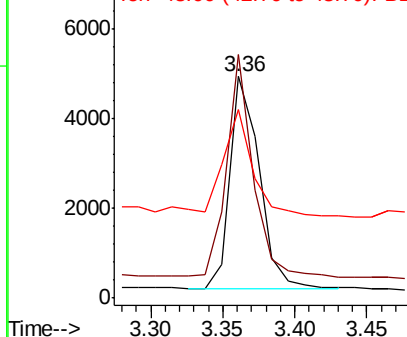
#2

1,4-Dioxane
Concen: 3.714 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098375.D
Acq: 12 Dec 2018 23:45

Tgt Ion: 88 Resp: 6699
Ion Ratio Lower Upper
88 100
58 92.5 75.0 112.6
43 49.1 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





#4

2-Fluorophenol

Concen: 0.215 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098375.D

Acq: 12 Dec 2018 23:45

Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181206

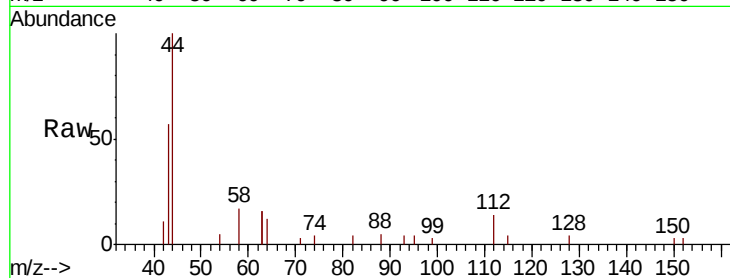
Tgt Ion: 112 Resp: 524

Ion Ratio Lower Upper

112 100

64 76.1 59.8 89.8

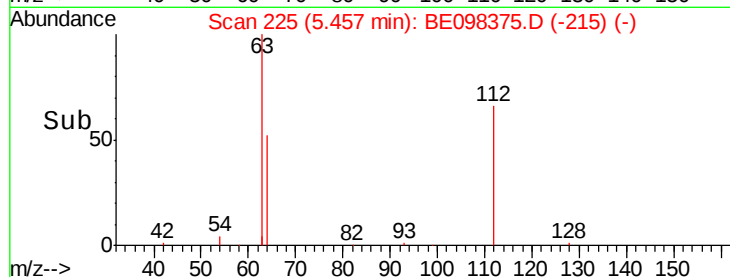
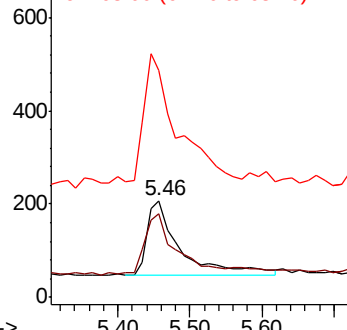
63 178.4 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.094 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098375.D

Acq: 12 Dec 2018 23:45

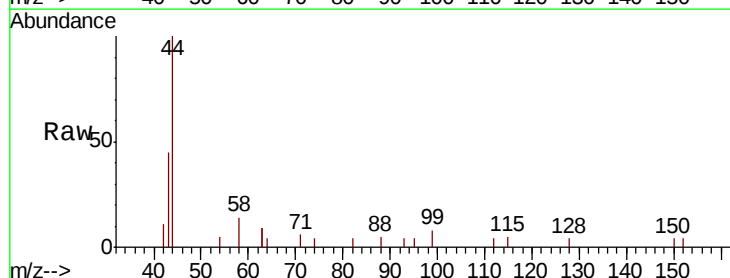
Tgt Ion: 99 Resp: 325

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

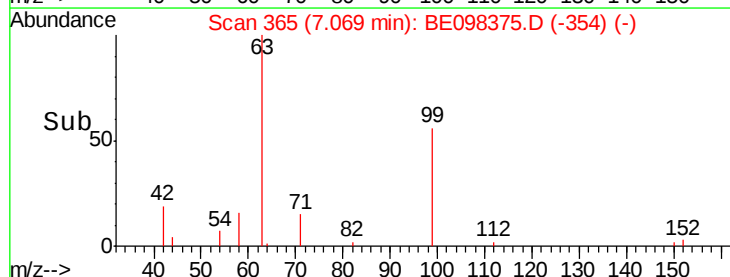
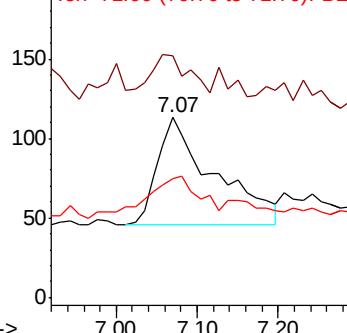
71 37.2 33.6 50.4



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: BE098375.D

Acq: 12 Dec 2018 23:45

Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181206

Tgt Ion:136 Resp: 4720

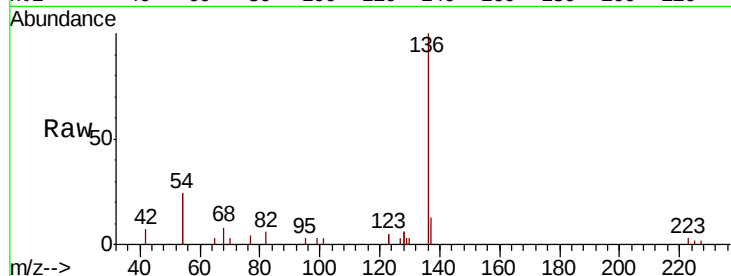
Ion Ratio Lower Upper

136 100

137 13.1 9.2 13.8

54 48.4 28.4 42.6#

68 8.1 5.4 8.0#

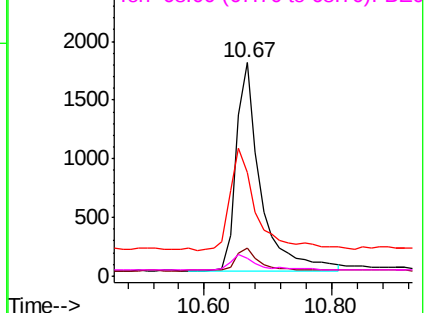
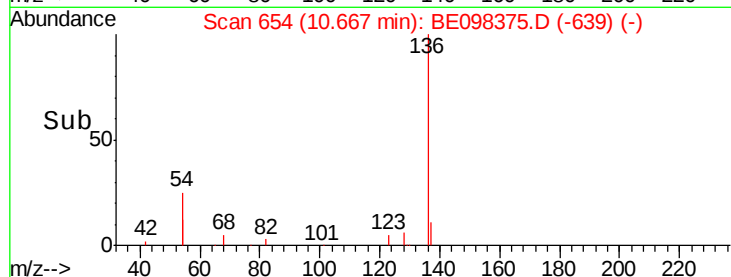


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.353 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098375.D

Acq: 12 Dec 2018 23:45

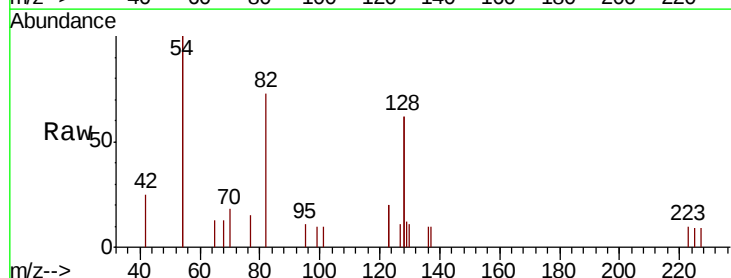
Tgt Ion: 82 Resp: 1515

Ion Ratio Lower Upper

82 100

128 170.3 102.4 153.6#

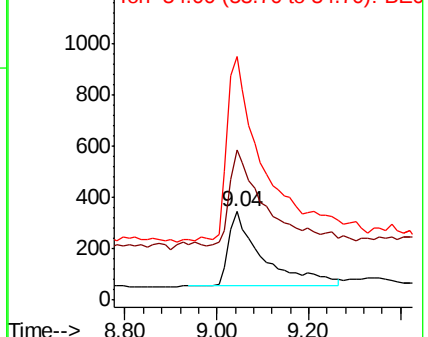
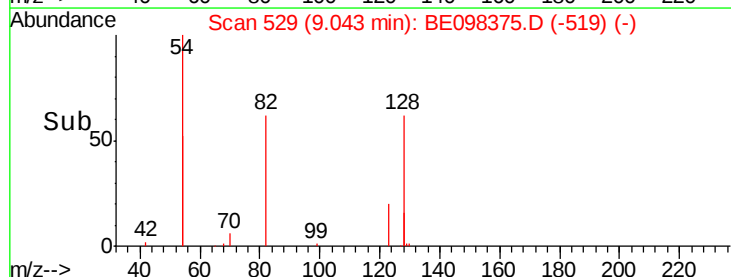
54 275.6 221.8 332.8

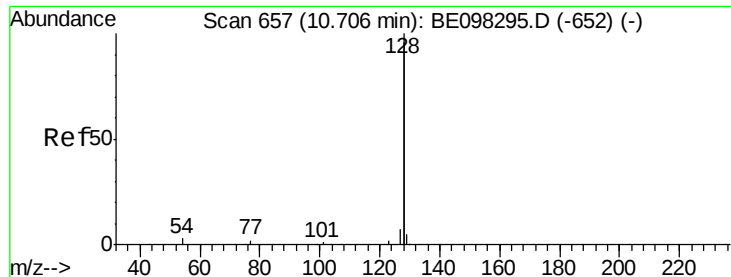


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.023 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.01 min

Lab File: BE098375.D

Acq: 12 Dec 2018 23:45

Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181206

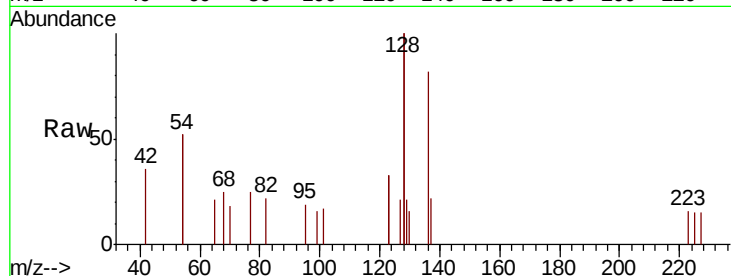
Tgt Ion:128 Resp: 1073

Ion Ratio Lower Upper

128 100

129 10.3 2.5 3.7#

127 10.3 2.7 4.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.72

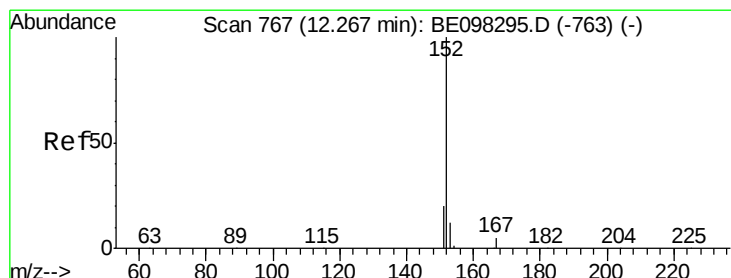
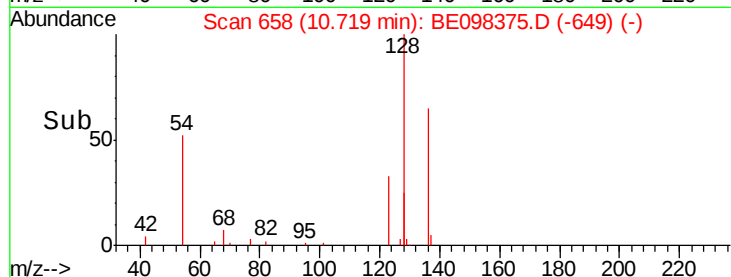
600

400

200

0

Time--> 10.60 10.70 10.80



#11

2-Methylnaphthalene-d10

Concen: 0.419 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098375.D

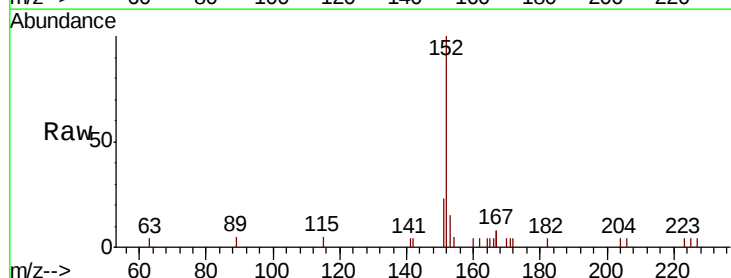
Acq: 12 Dec 2018 23:45

Tgt Ion:152 Resp: 3214

Ion Ratio Lower Upper

152 100

151 19.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

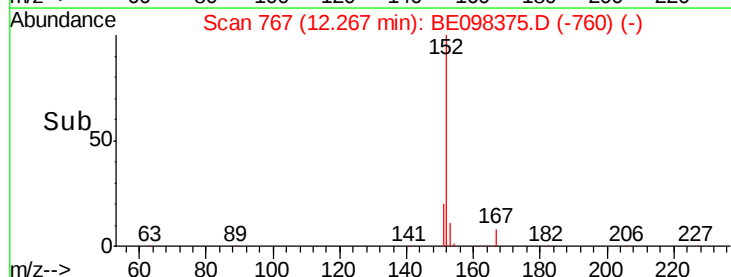
12.27

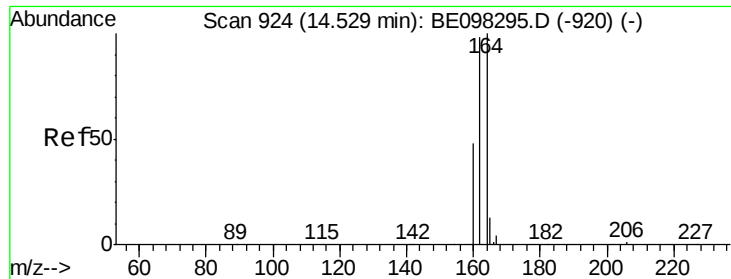
1000

500

0

Time--> 12.20 12.40

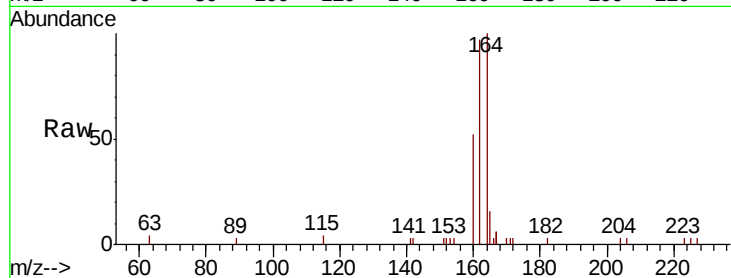




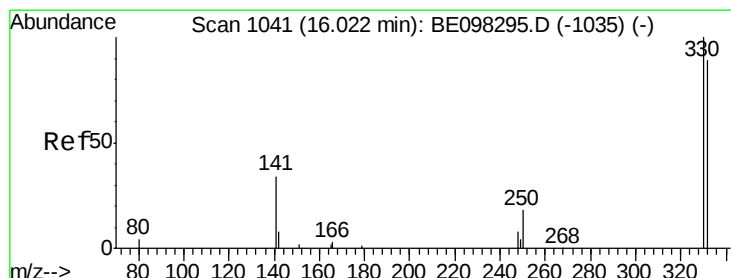
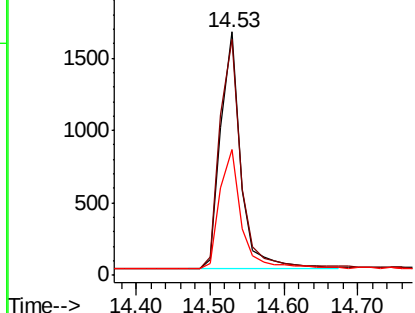
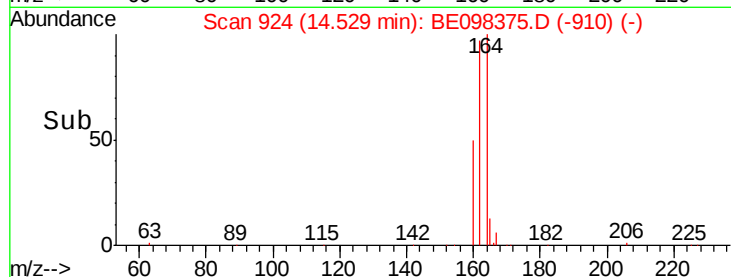
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098375.D
 Acq: 12 Dec 2018 23:45

Instrument :
 BNA_E
 ClientSampleId :
 RE-104D1-20181206

Tgt Ion:164 Resp: 3109
 Ion Ratio Lower Upper
 164 100
 162 96.8 77.6 116.4
 160 51.8 36.0 54.0

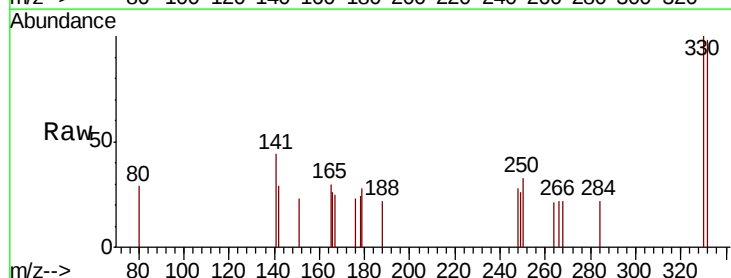


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

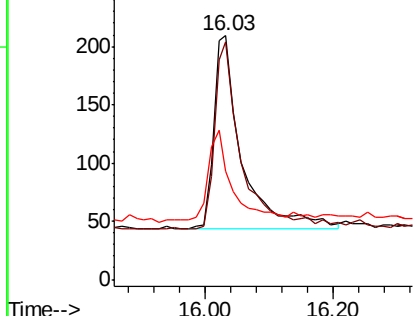
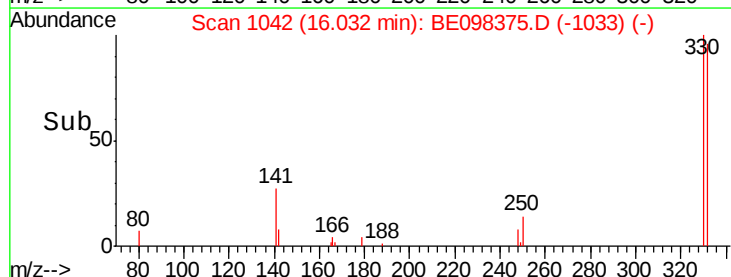


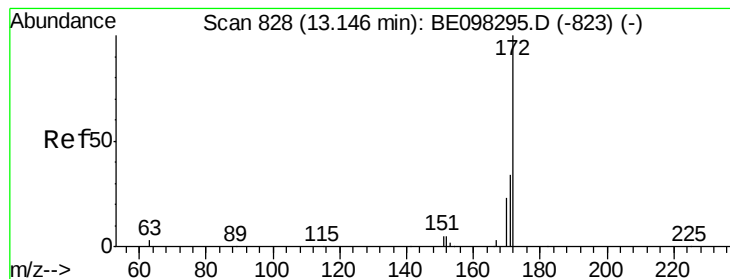
#14
 2,4,6-Tribromophenol
 Concen: 0.443 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098375.D
 Acq: 12 Dec 2018 23:45

Tgt Ion:330 Resp: 506
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.4
 141 38.3 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: 0.412 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BE098375.D

Acq: 12 Dec 2018 23:45

Instrument :

BNA_E

ClientSampleId :

RE-104D1-20181206

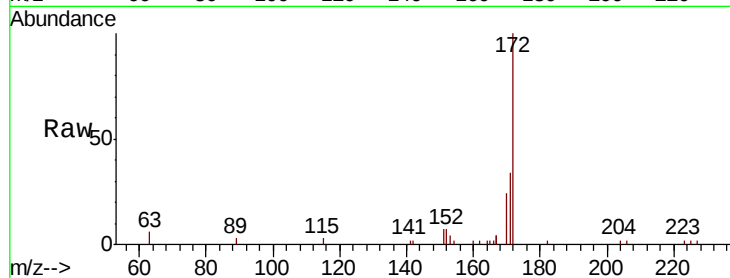
Tgt Ion:172 Resp: 5405

Ion Ratio Lower Upper

172 100

171 34.1 27.5 41.3

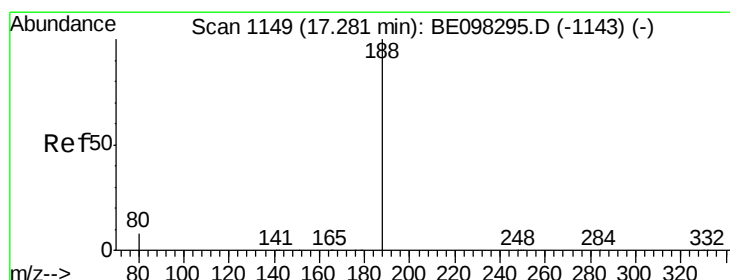
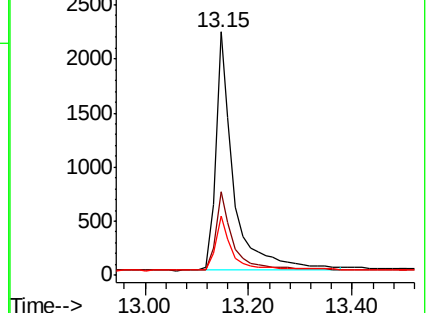
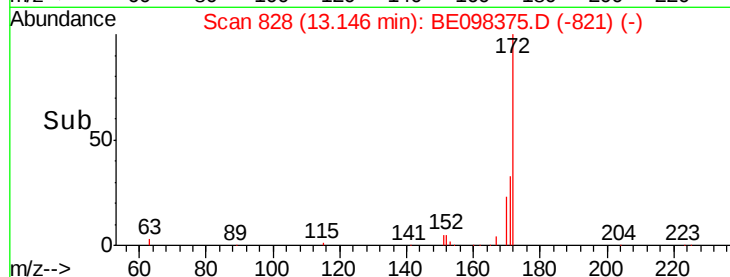
170 24.3 19.6 29.4



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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098375.D

Acq: 12 Dec 2018 23:45

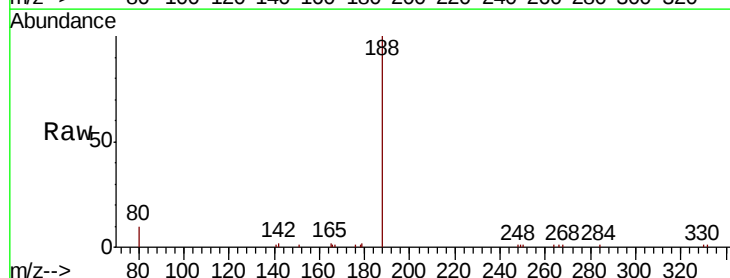
Tgt Ion:188 Resp: 8346

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

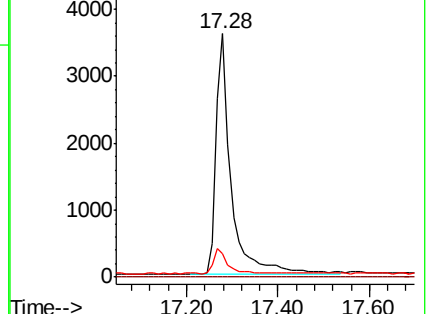
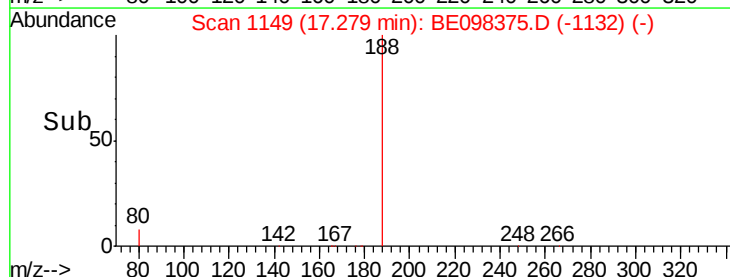
80 9.7 7.2 10.8

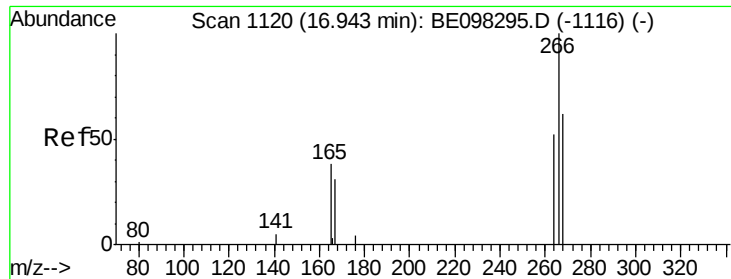


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

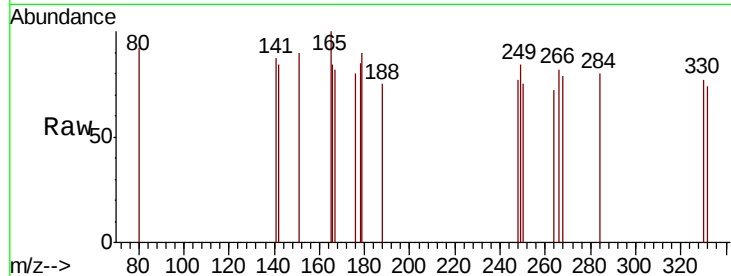




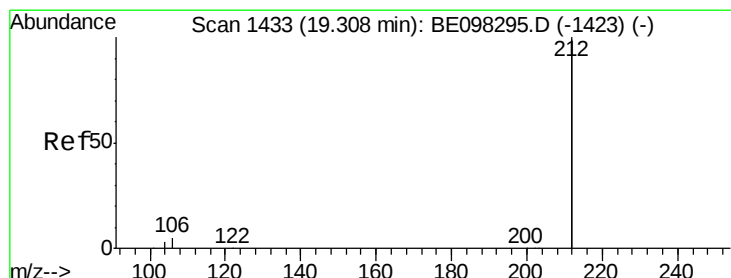
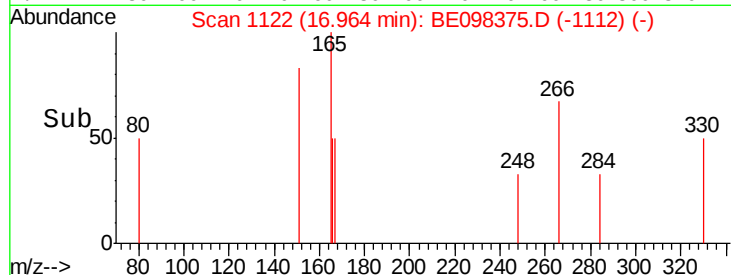
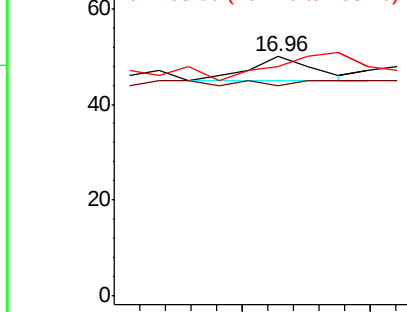
#22
 Pentachlorophenol
 Concen: 0.027 ng
 RT: 16.96 min Scan# 1122
 Delta R.T. 0.02 min
 Lab File: BE098375.D
 Acq: 12 Dec 2018 23:45

Instrument :
 BNA_E
 ClientSampleId :
 RE-104D1-20181206

Tgt Ion: 266 Resp: 8
 Ion Ratio Lower Upper
 266 100
 264 88.0 59.0 88.4
 268 96.0 55.1 82.7#

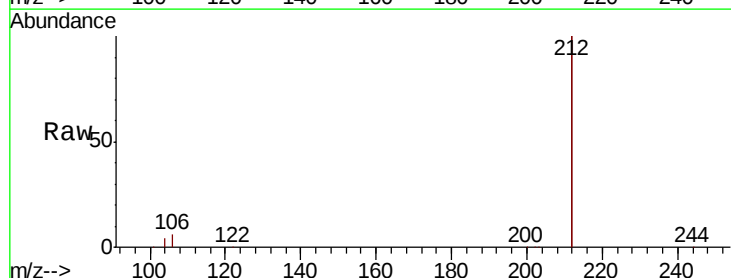


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

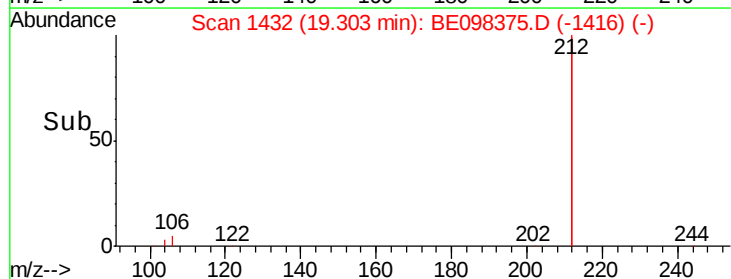
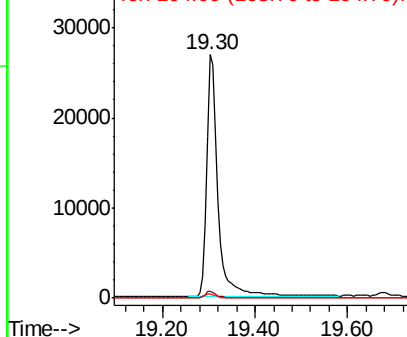


#25
 Fluoranthene-d10
 Concen: 0.435 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE098375.D
 Acq: 12 Dec 2018 23:45

Tgt Ion: 212 Resp: 46592
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.4 1.3 1.9



Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

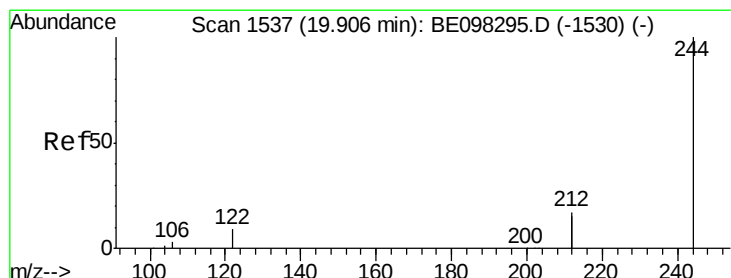
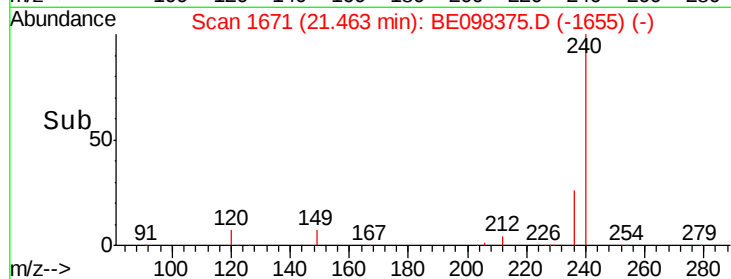
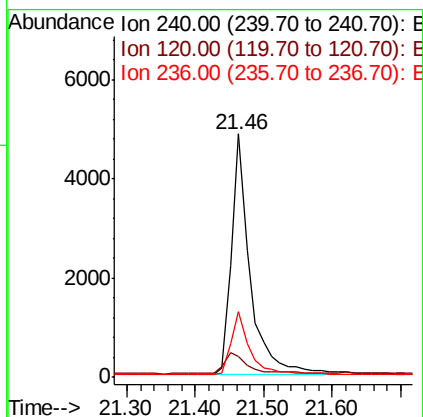
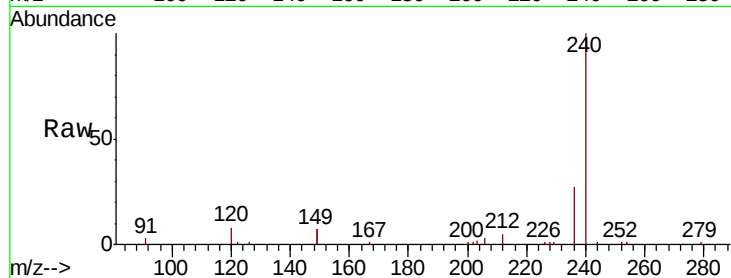




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098375.D
 Acq: 12 Dec 2018 23:45

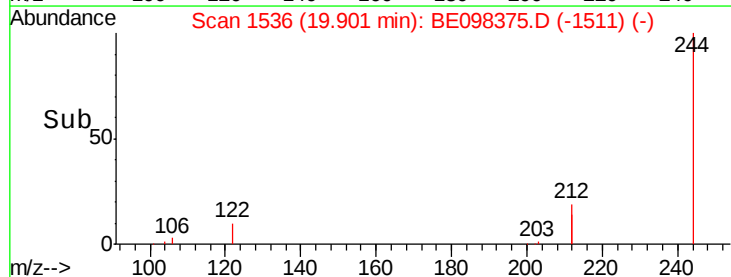
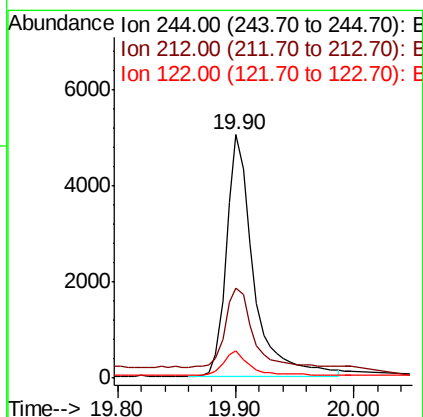
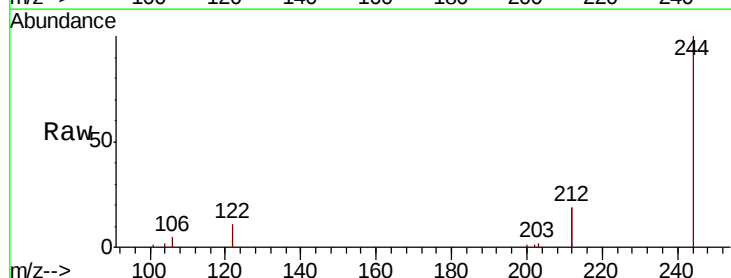
Instrument :
 BNA_E
 ClientSampleId :
 RE-104D1-20181206

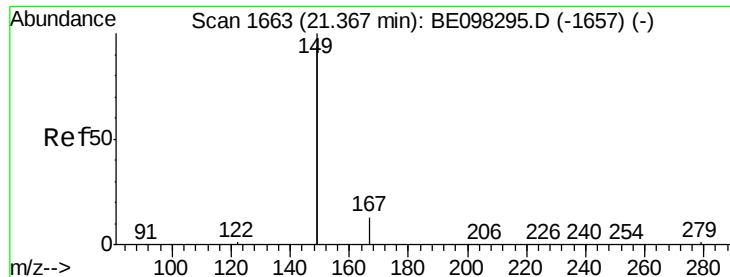
Tgt Ion:240 Resp: 9229
 Ion Ratio Lower Upper
 240 100
 120 8.5 9.5 14.3#
 236 26.8 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.355 ng
 RT: 19.90 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BE098375.D
 Acq: 12 Dec 2018 23:45

Tgt Ion:244 Resp: 7955
 Ion Ratio Lower Upper
 244 100
 212 37.1 27.4 41.0
 122 11.2 8.3 12.5

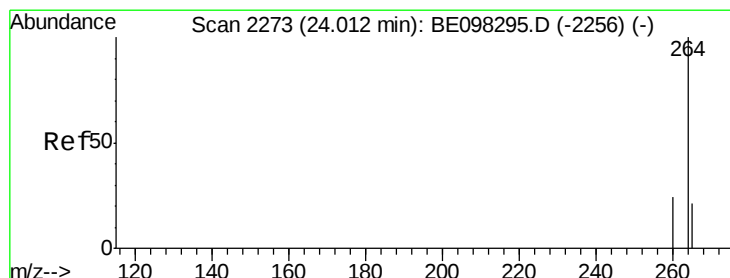
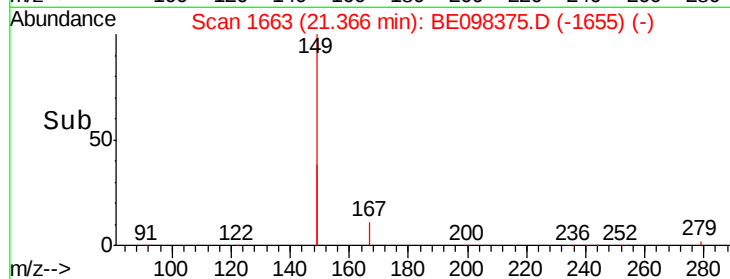
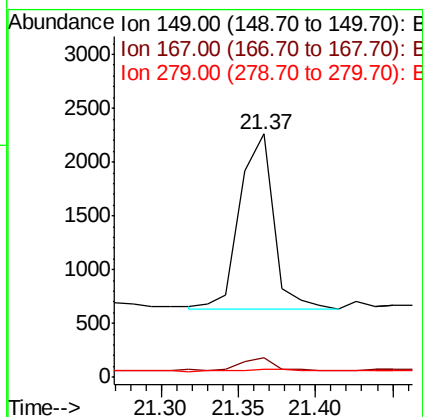
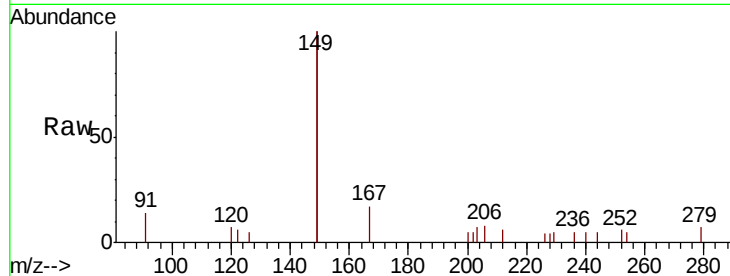




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098375.D
 Acq: 12 Dec 2018 23:45

Instrument :
 BNA_E
 ClientSampleId :
 RE-104D1-20181206

Tgt Ion:149 Resp: 2449
 Ion Ratio Lower Upper
 149 100
 167 8.0 5.7 8.5
 279 2.3 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098375.D
 Acq: 12 Dec 2018 23:45

Tgt Ion:264 Resp: 8839
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.2 30.2
 265 29.5 25.2 37.8

