

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031219\
 Data File : BE098896.D
 Acq On : 12 Mar 2019 13:56
 Operator : JU/SJ
 Sample : K1841-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20190308DL

Quant Time: Mar 13 07:44:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

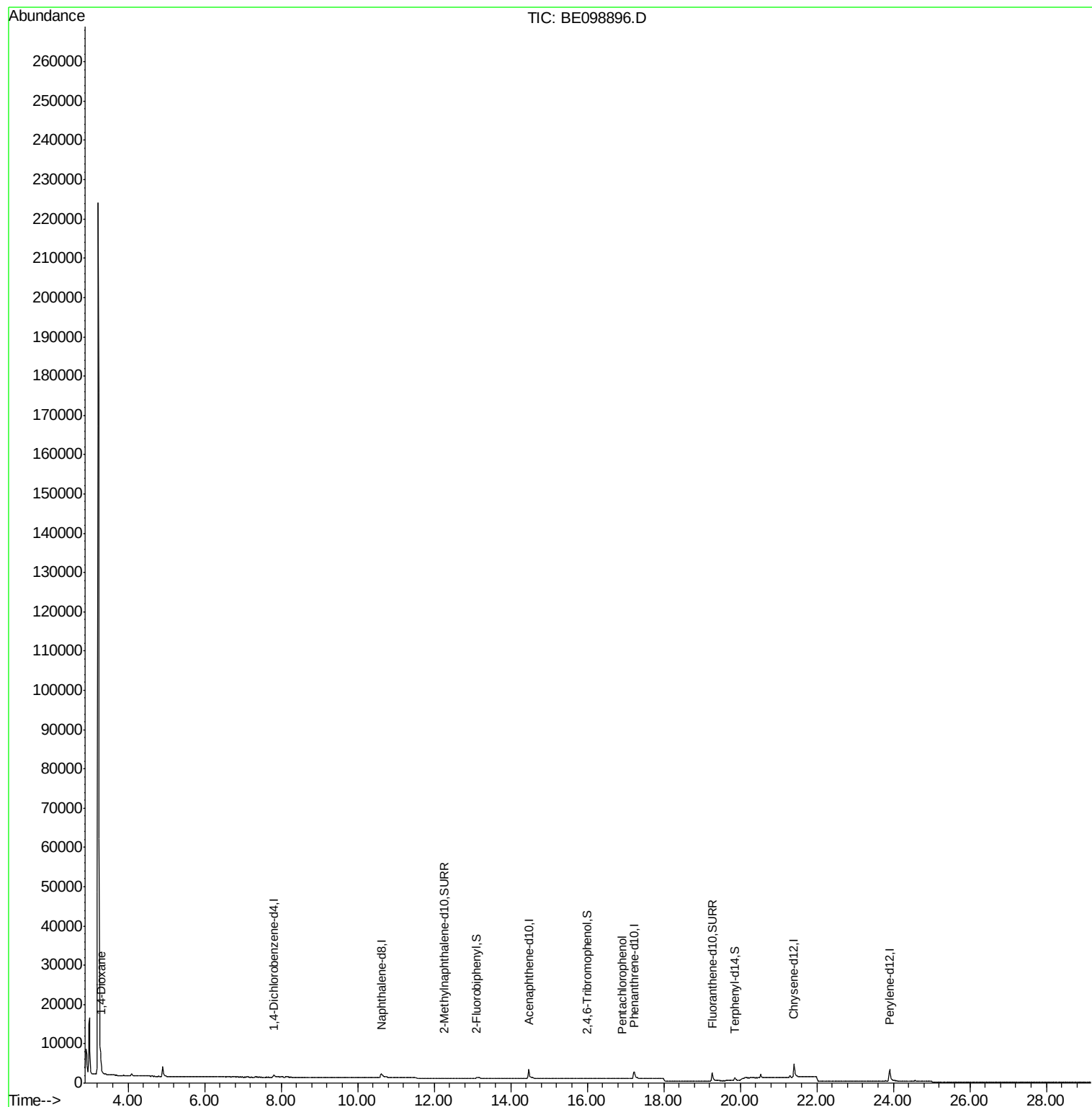
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	531	0.40	ng	0.01
7) Naphthalene-d8	10.61	136	2739	0.40	ng	0.02
13) Acenaphthene-d10	14.47	164	2218	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	5563	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6297	0.40	ng	0.00
34) Perylene-d12	23.90	264	6097	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	19	0.01	ng	0.05
5) Phenol-d6	6.95	99	3	0.00	ng	-0.03
8) Nitrobenzene-d5	8.96	82	5	0.00	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	305	0.06	ng	0.06
14) 2,4,6-Tribromophenol	16.00	330	35	0.03	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	578	0.06	ng	0.03
25) Fluoranthene-d10	19.27	212	5430	0.06	ng	0.02
29) Terphenyl-d14	19.86	244	1365	0.09	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	1632	1.892	ng	93
22) Pentachlorophenol	16.91	266	7	0.270	ng	87

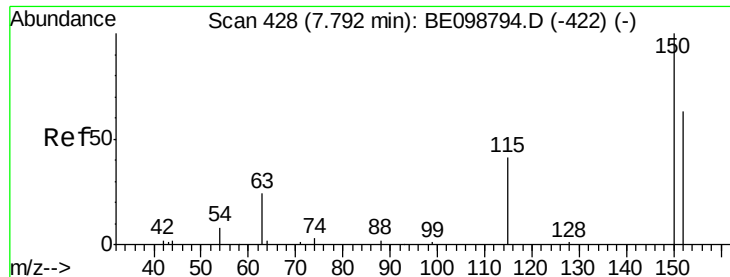
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031219\
Data File : BE098896.D
Acq On : 12 Mar 2019 13:56
Operator : JU/SJ
Sample : K1841-01DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE122D2-20190308DL

Quant Time: Mar 13 07:44:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration



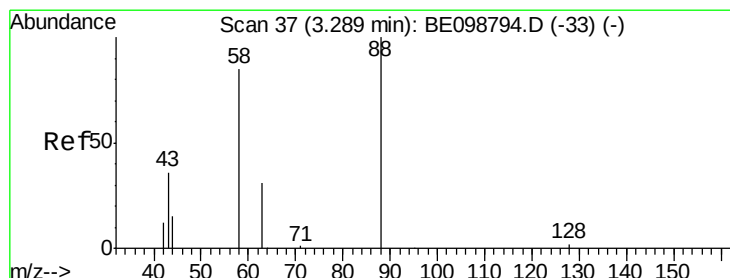
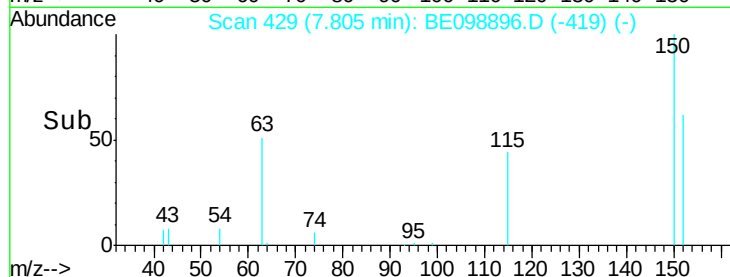
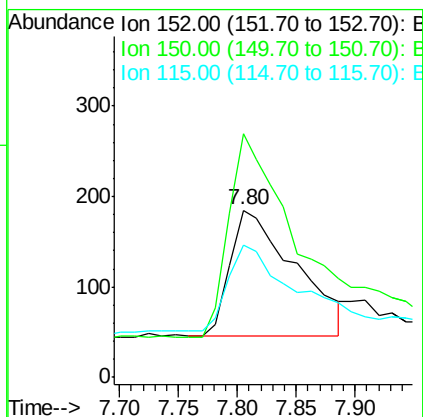
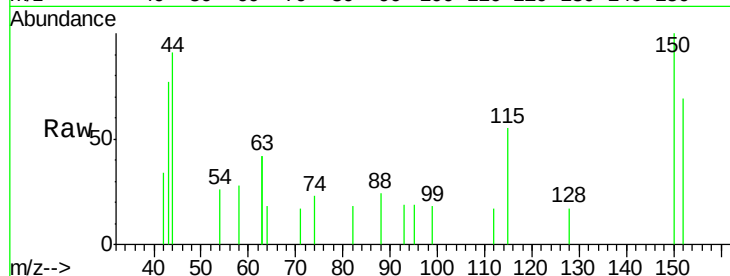


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098896.D
Acq: 12 Mar 2019 13:56

Instrument :
BNA_E
ClientSampleId :
RE122D2-20190308DL

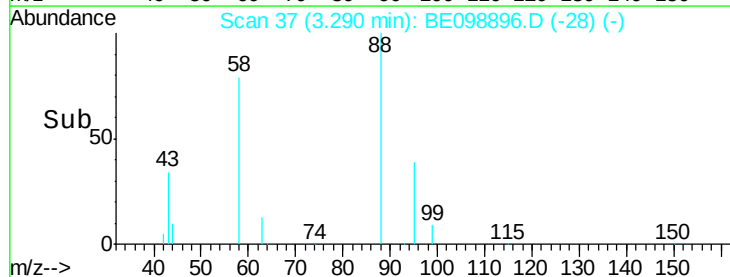
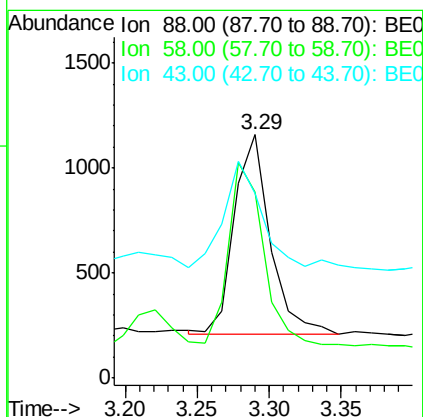
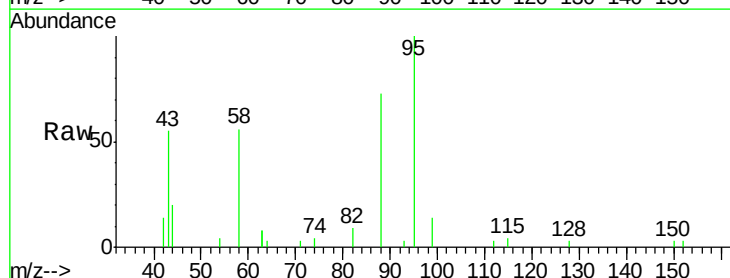
Tgt Ion:152 Resp: 531
Ion Ratio Lower Upper
152 100
150 145.4 122.5 183.7
115 79.5 57.4 86.2

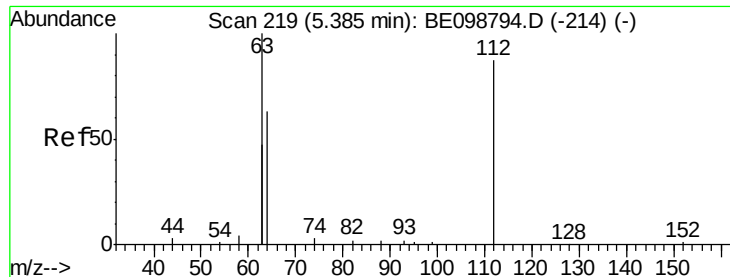


#2

1,4-Dioxane
Concen: 1.892 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE098896.D
Acq: 12 Mar 2019 13:56

Tgt Ion: 88 Resp: 1632
Ion Ratio Lower Upper
88 100
58 88.4 75.8 113.6
43 57.6 41.8 62.8





#4

2-Fluorophenol

Concen: 0.012 ng

RT: 5.43 min Scan# 223

Delta R.T. 0.05 min

Lab File: BE098896.D

Acq: 12 Mar 2019 13:56

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190308DL

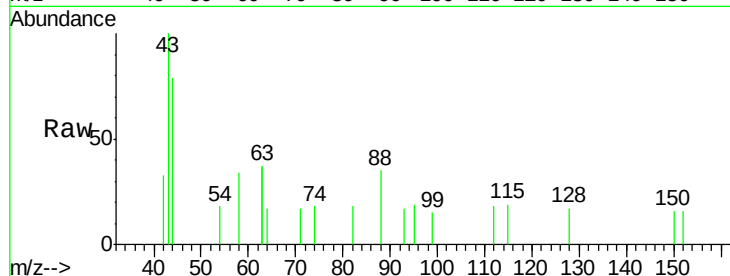
Tgt Ion: 112 Resp: 19

Ion Ratio Lower Upper

112 100

64 136.8 57.9 86.9#

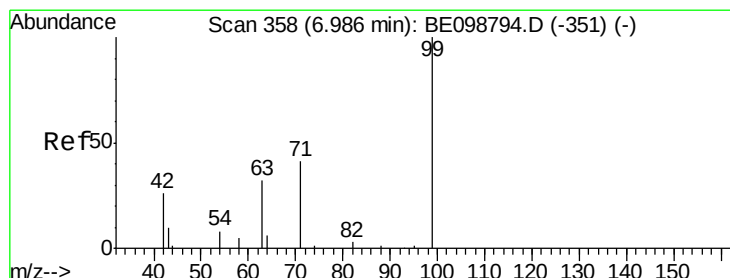
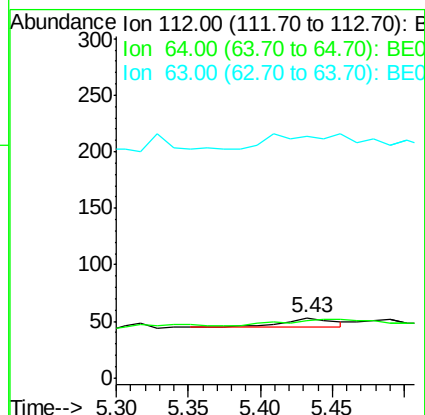
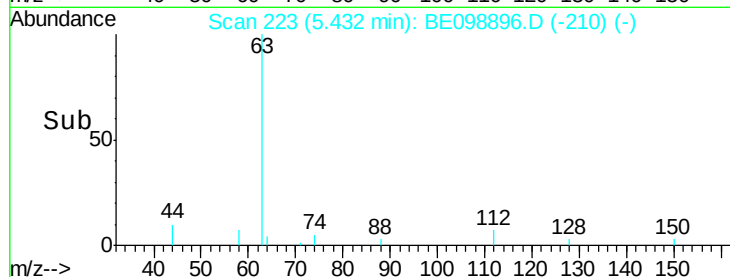
63 0.0 158.3 237.5#



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: 0.001 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.03 min

Lab File: BE098896.D

Acq: 12 Mar 2019 13:56

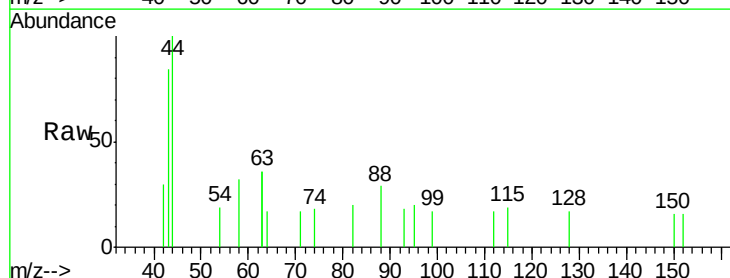
Tgt Ion: 99 Resp: 3

Ion Ratio Lower Upper

99 100

42 833.3 24.2 36.2#

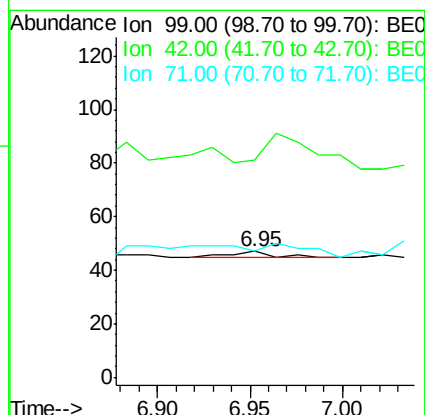
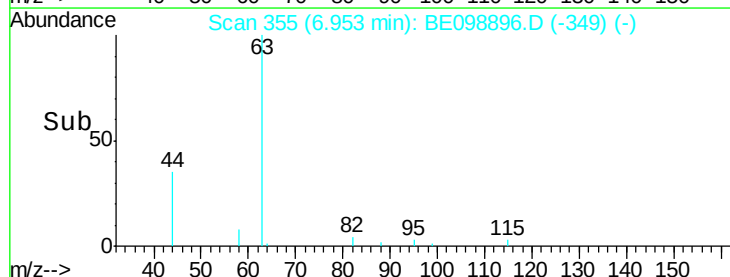
71 266.7 35.7 53.5#

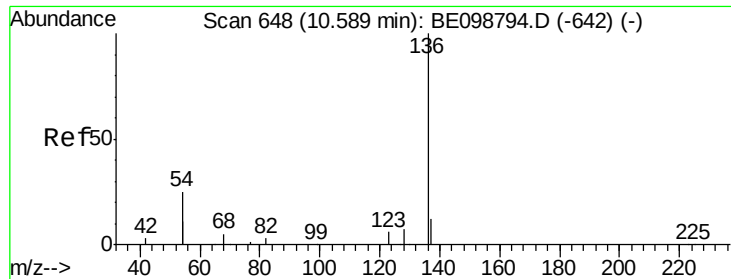


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.61 min Scan# 650

Delta R.T. 0.02 min

Lab File: BE098896.D

Acq: 12 Mar 2019 13:56

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190308DL

Tgt Ion:136 Resp: 2739

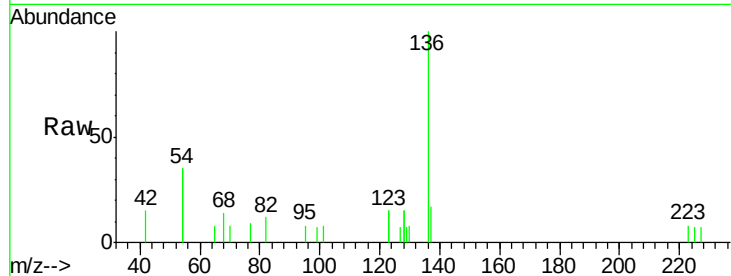
Ion Ratio Lower Upper

136 100

137 16.6 11.4 17.0

54 70.6 39.3 58.9#

68 13.6 6.7 10.1#



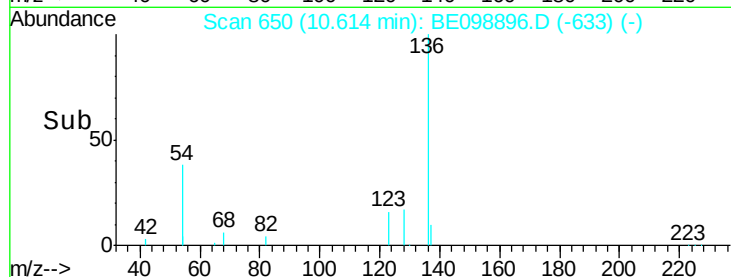
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

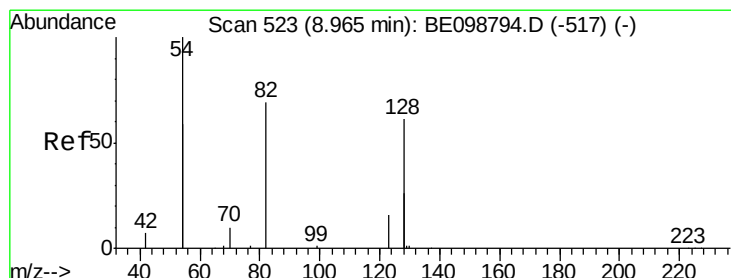
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.002 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098896.D

Acq: 12 Mar 2019 13:56

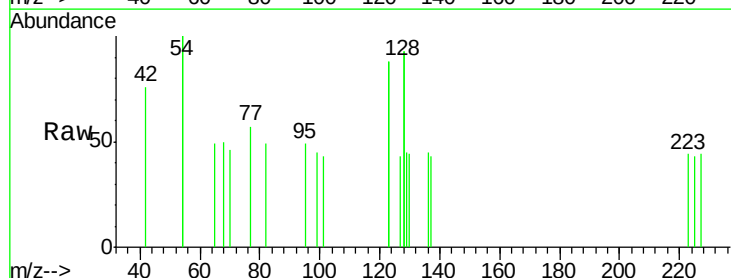
Tgt Ion: 82 Resp: 5

Ion Ratio Lower Upper

82 100

128 380.0 123.8 185.8#

54 408.0 203.4 305.2#

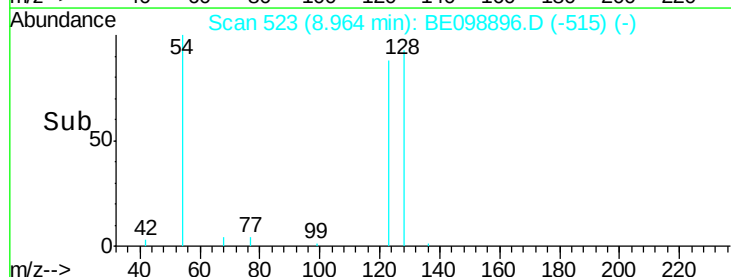


Abundance Ion 82.00 (81.70 to 82.70): BE0

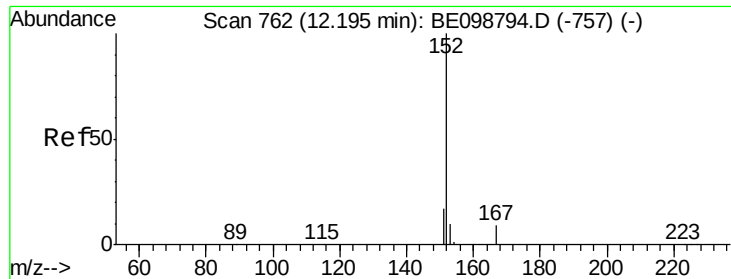
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

Time-->



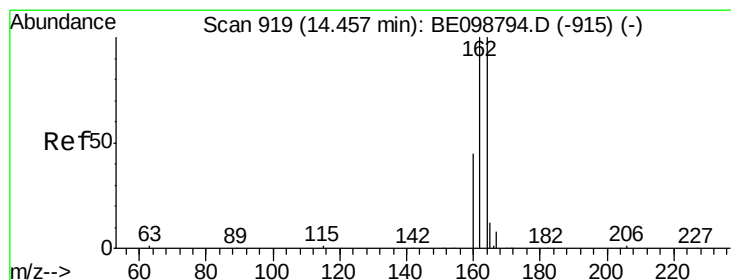
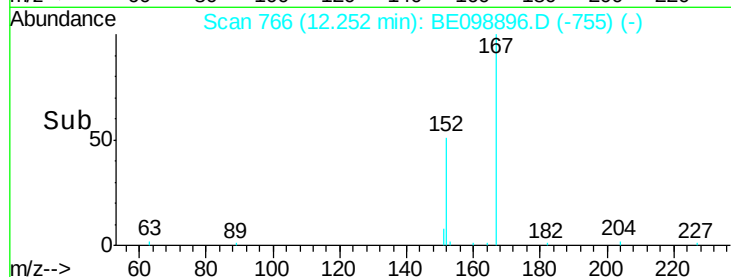
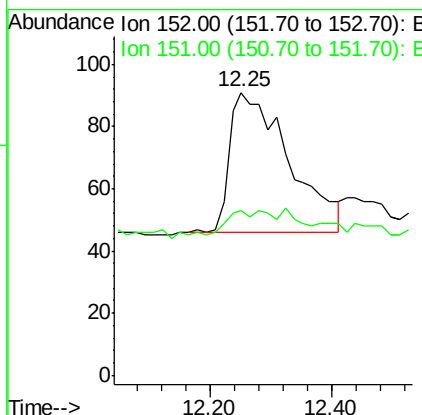
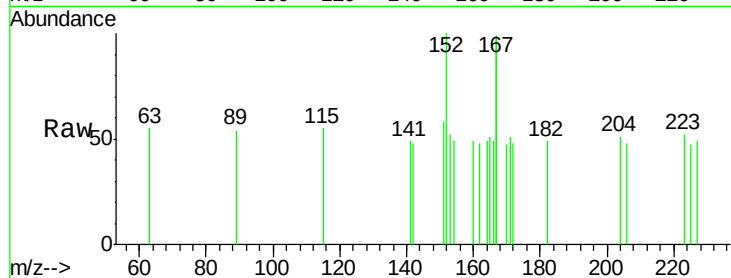
Time-->



#11
 2-Methylnaphthalene-d10
 Concen: 0.060 ng
 RT: 12.25 min Scan# 766
 Delta R.T. 0.06 min
 Lab File: BE098896.D
 Acq: 12 Mar 2019 13:56

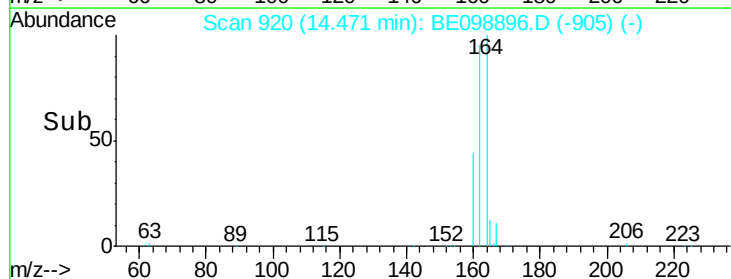
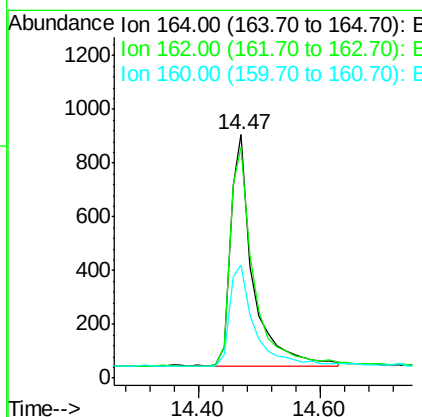
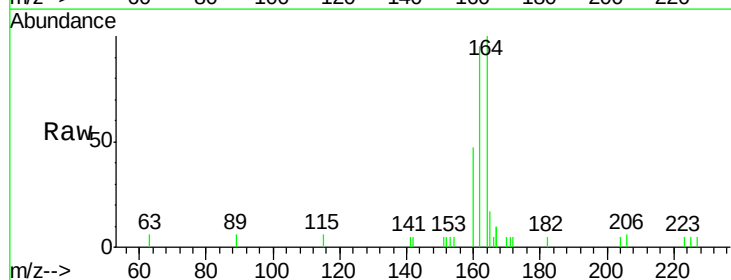
Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20190308DL

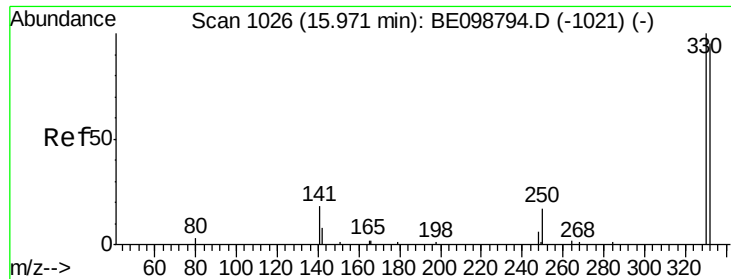
Tgt Ion:152 Resp: 305
 Ion Ratio Lower Upper
 152 100
 151 7.5 16.5 24.7#



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BE098896.D
 Acq: 12 Mar 2019 13:56

Tgt Ion:164 Resp: 2218
 Ion Ratio Lower Upper
 164 100
 162 95.0 80.2 120.2
 160 46.6 37.8 56.8

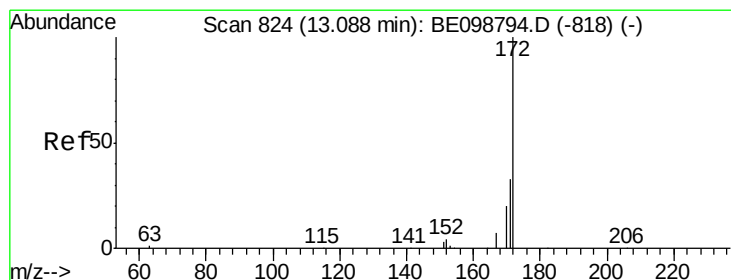
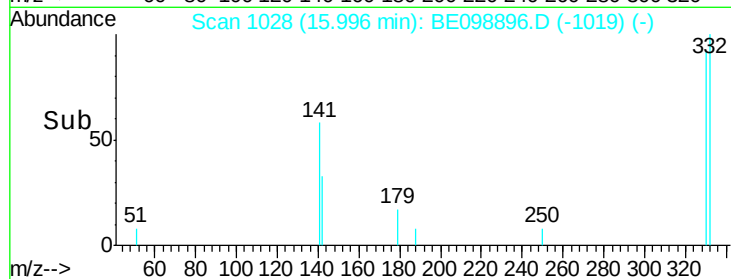
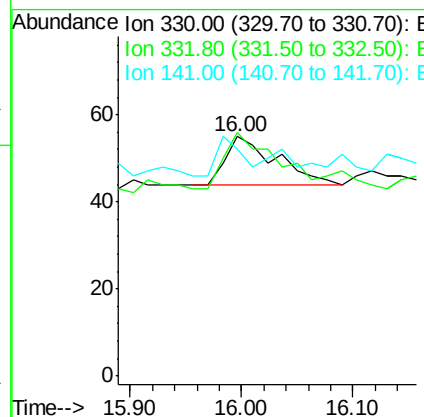
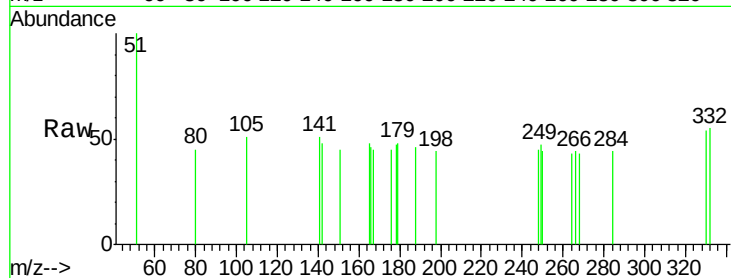




#14
 2,4,6-Tribromophenol
 Concen: 0.031 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.03 min
 Lab File: BE098896.D
 Acq: 12 Mar 2019 13:56

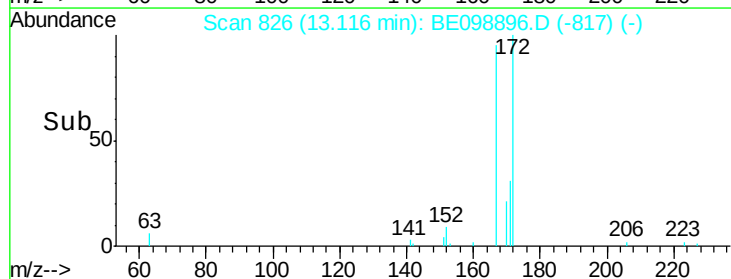
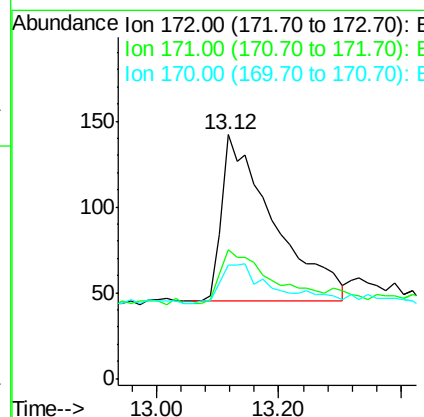
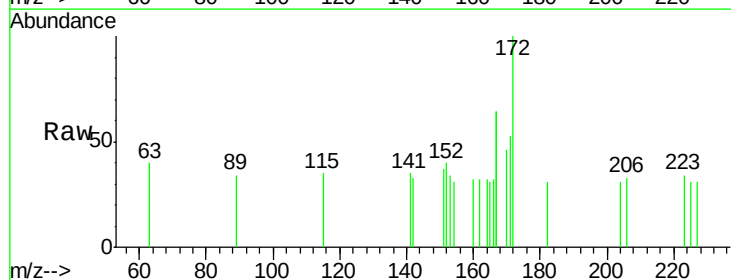
Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20190308DL

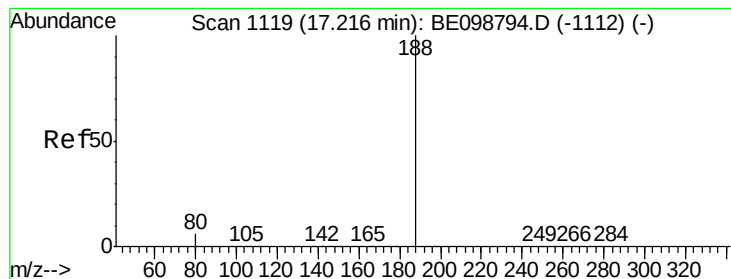
Tgt Ion: 330 Resp: 35
 Ion Ratio Lower Upper
 330 100
 332 140.0 77.6 116.4#
 141 40.0 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.063 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.03 min
 Lab File: BE098896.D
 Acq: 12 Mar 2019 13:56

Tgt Ion: 172 Resp: 578
 Ion Ratio Lower Upper
 172 100
 171 52.8 28.0 42.0#
 170 46.5 17.7 26.5#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE098896.D

Acq: 12 Mar 2019 13:56

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190308DL

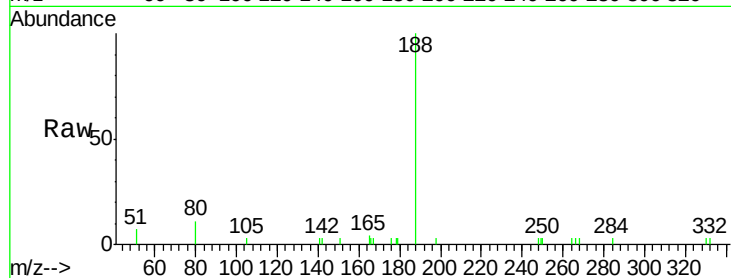
Tgt Ion:188 Resp: 5563

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

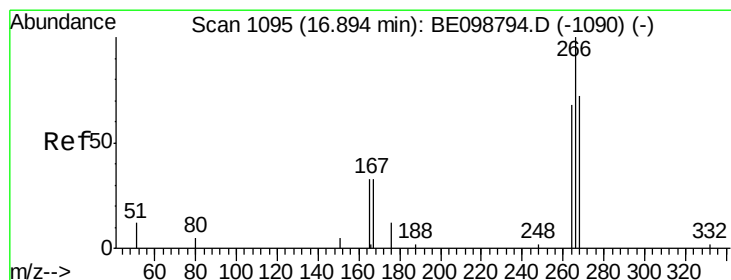
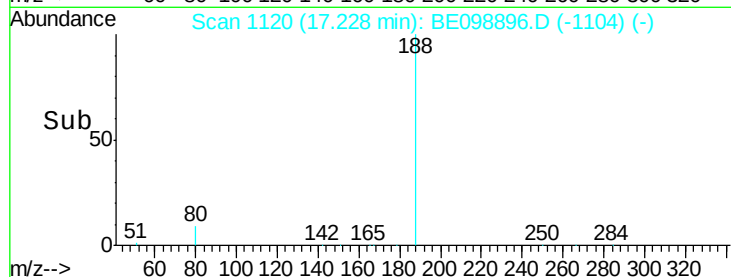
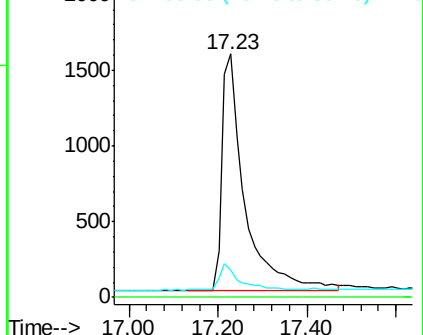
80 11.3 6.3 9.5#



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: 0.270 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098896.D

Acq: 12 Mar 2019 13:56

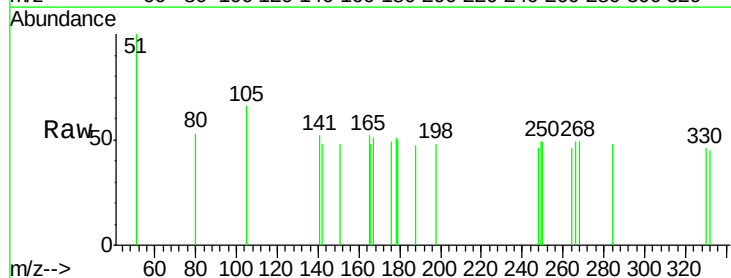
Tgt Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 93.6 66.6 100.0

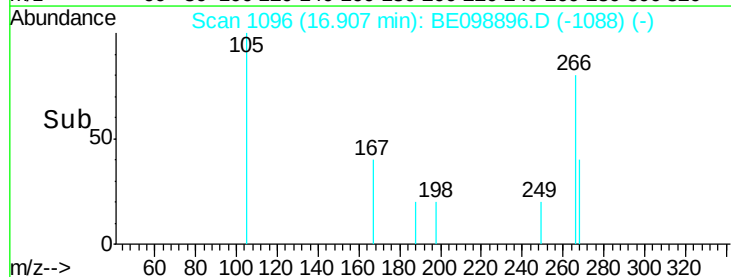
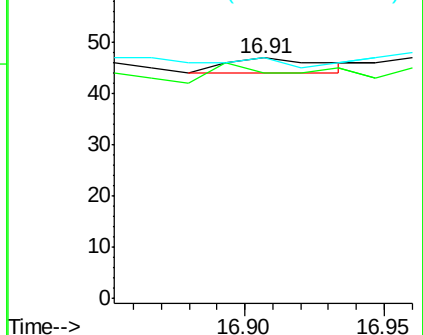
268 100.0 69.8 104.8

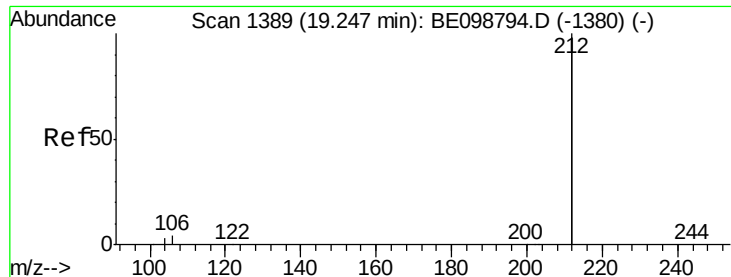


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.061 ng

RT: 19.27 min Scan# 1392

Delta R.T. 0.02 min

Lab File: BE098896.D

Acq: 12 Mar 2019 13:56

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190308DL

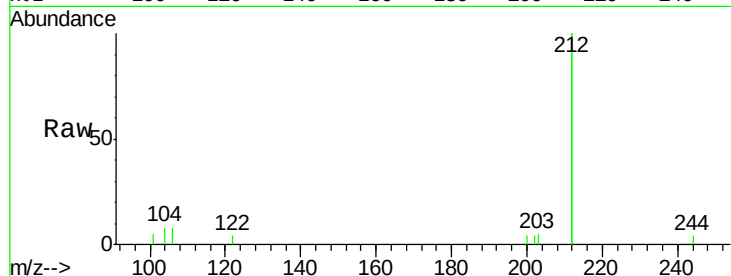
Tgt Ion:212 Resp: 5430

Ion Ratio Lower Upper

212 100

106 2.7 1.8 2.8

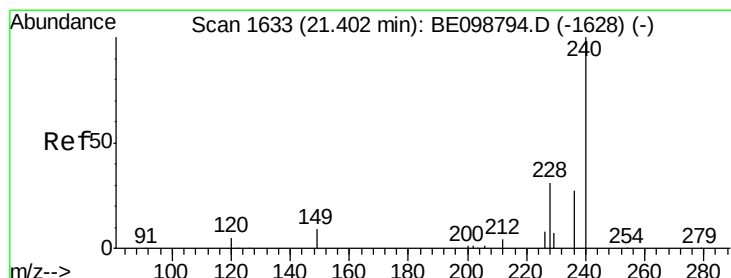
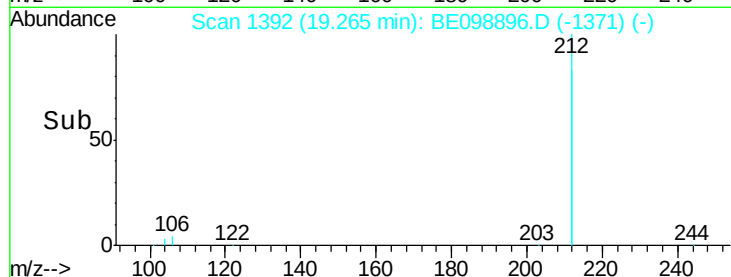
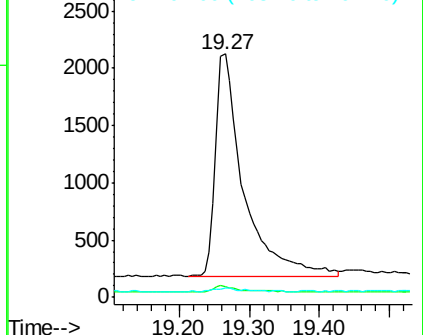
104 1.4 1.0 1.6



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: 21.40 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE098896.D

Acq: 12 Mar 2019 13:56

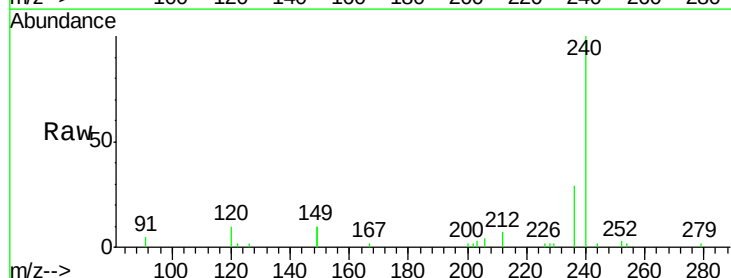
Tgt Ion:240 Resp: 6297

Ion Ratio Lower Upper

240 100

120 10.4 5.0 7.4#

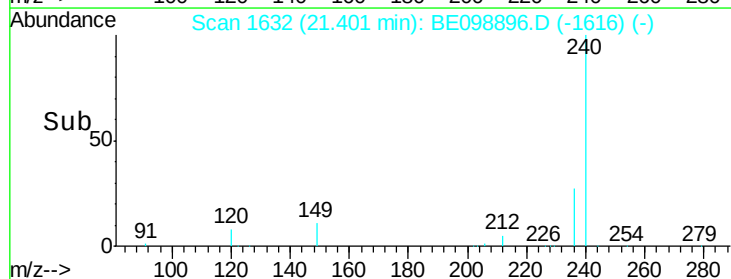
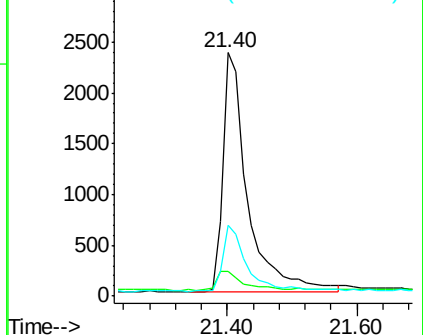
236 28.9 22.7 34.1

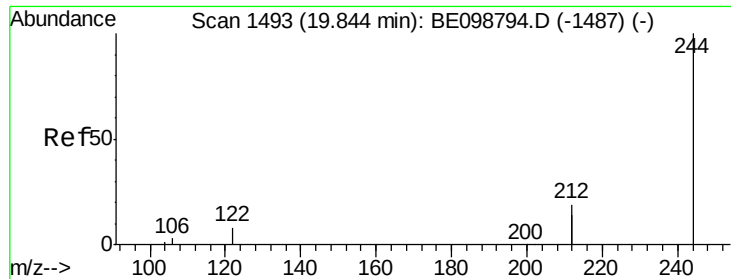


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.089 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.01 min

Lab File: BE098896.D

Acq: 12 Mar 2019 13:56

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190308DL

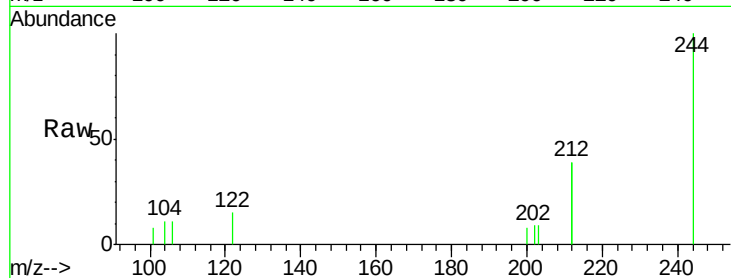
Tgt Ion:244 Resp: 1365

Ion Ratio Lower Upper

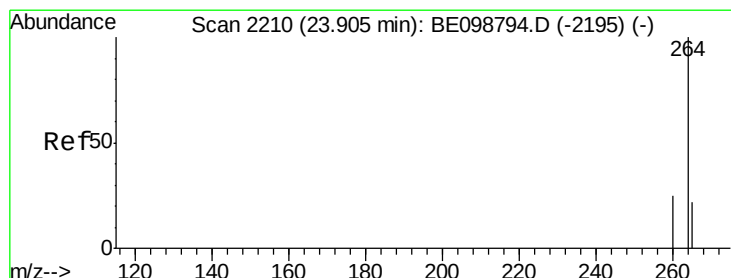
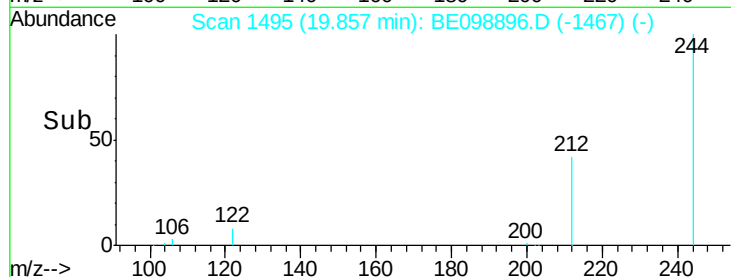
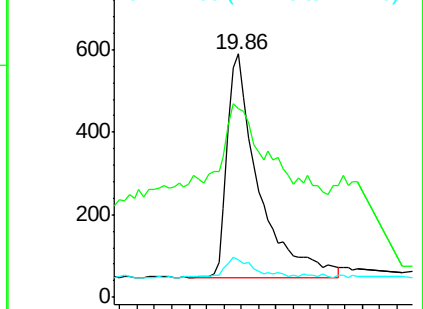
244 100

212 77.3 29.4 44.2#

122 15.4 7.1 10.7#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BE098896.D

Acq: 12 Mar 2019 13:56

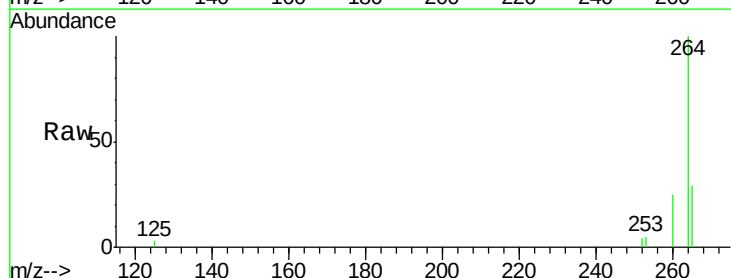
Tgt Ion:264 Resp: 6097

Ion Ratio Lower Upper

264 100

260 24.8 21.2 31.8

265 28.9 24.6 36.8



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

