

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099003.D
 Acq On : 18 Mar 2019 16:33
 Operator : JU/SJ
 Sample : K1912-01DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M3-T0-OZ(PRE)DL

Quant Time: Mar 19 01:52:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

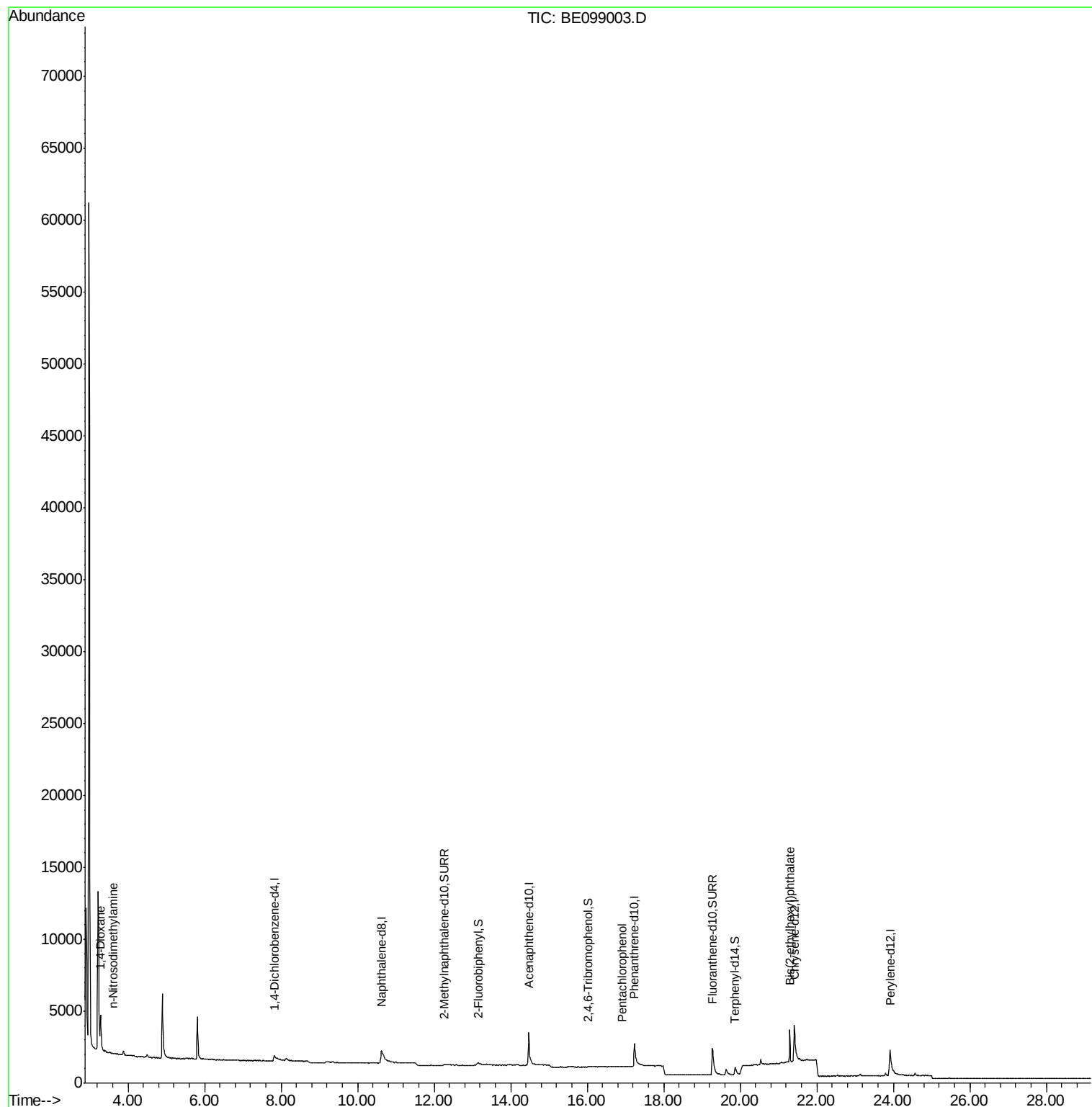
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	522	0.40	ng	0.02
7) Naphthalene-d8	10.63	136	2988	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	2503	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	5906	0.40	ng	0.01
27) Chrysene-d12	21.41	240	5670	0.40	ng	0.01
34) Perylene-d12	23.92	264	4904	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	4	0.00	ng	-0.02
5) Phenol-d6	7.04	99	6	0.00	ng	0.06
8) Nitrobenzene-d5	8.99	82	6	0.00	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	415	0.08	ng	0.07
14) 2,4,6-Tribromophenol	16.02	330	26	0.02	ng	0.05
15) 2-Fluorobiphenyl	13.14	172	801	0.08	ng	0.06
25) Fluoranthene-d10	19.27	212	6167	0.07	ng	0.02
29) Terphenyl-d14	19.86	244	1100	0.08	ng	0.02
Target Compounds						
2) 1,4-Dioxane	3.28	88	1440	1.688	ng	96
3) n-Nitrosodimethylamine	3.61	42	43	0.033	ng	# 14
22) Pentachlorophenol	16.92	266	6	0.269	ng	88
32) Bis(2-ethylhexyl)phthalate	21.29	149	2702	0.072	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.02 min

Lab File: BE099003.D

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Instrument :

BNA_E

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M3-T0-OZ(PRE)DL

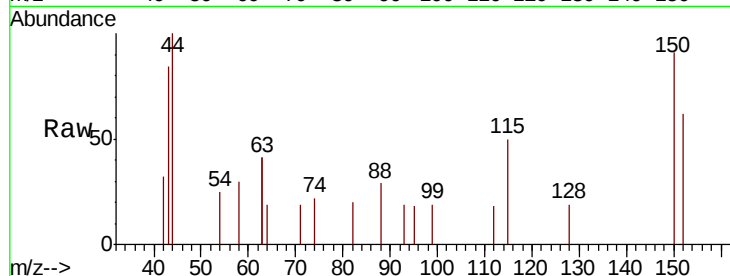
Tgt Ion:152 Resp: 522

Ion Ratio Lower Upper

152 100

150 147.5 122.5 183.7

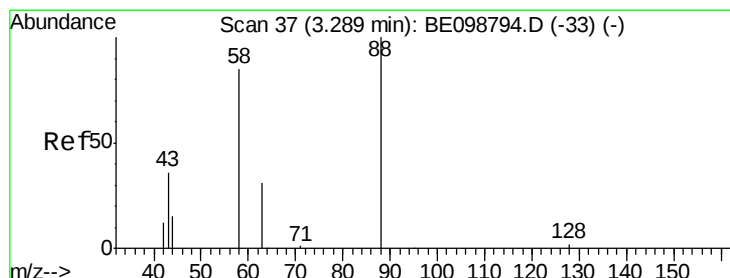
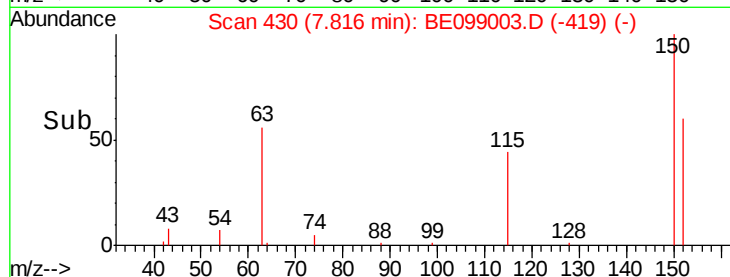
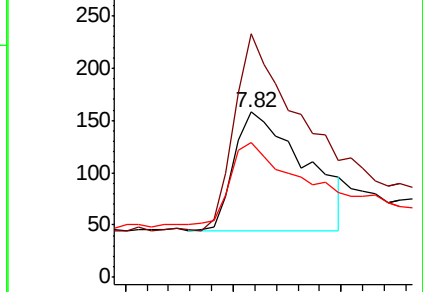
115 81.6 57.4 86.2



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: 1.688 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE099003.D

Acq: 18 Mar 2019 16:33

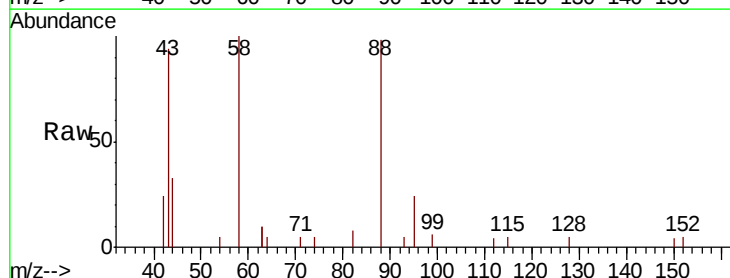
Tgt Ion: 88 Resp: 1440

Ion Ratio Lower Upper

88 100

58 100.2 75.8 113.6

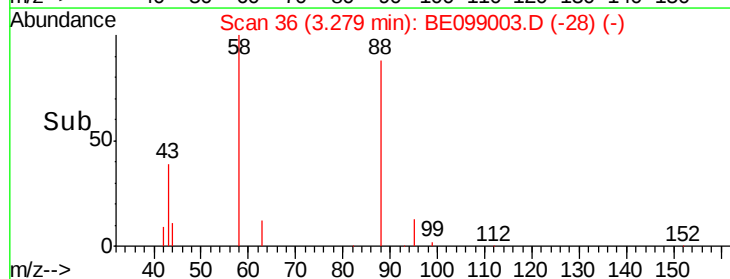
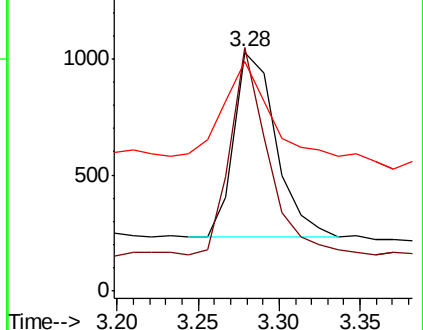
43 52.8 41.8 62.8



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: 0.033 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.01 min

Lab File: BE099003.D

Acq: 18 Mar 2019 16:33

Instrument :

BNA_E

ClientSampleId :

M3-T0-OZ(PRE)DL

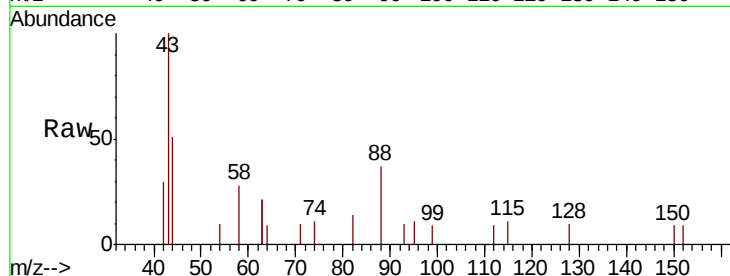
Tgt Ion: 42 Resp: 43

Ion Ratio Lower Upper

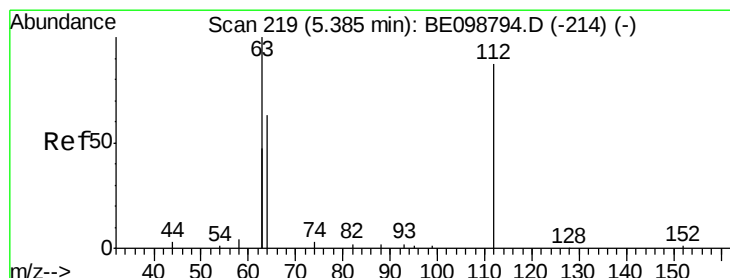
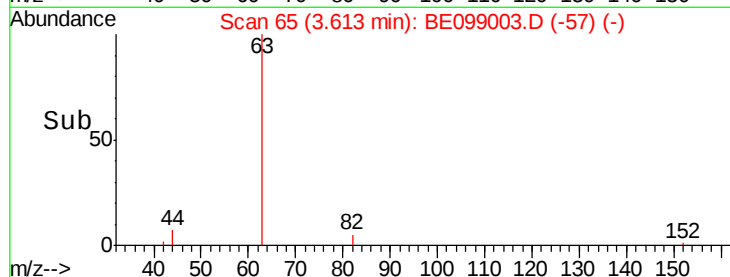
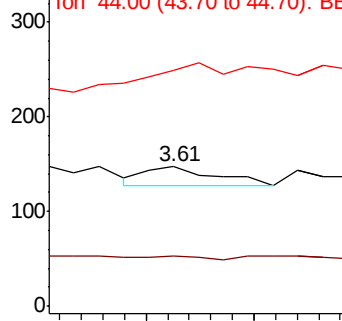
42 100

74 0.0 57.0 85.4#

44 283.7 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: 0.003 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.02 min

Lab File: BE099003.D

Acq: 18 Mar 2019 16:33

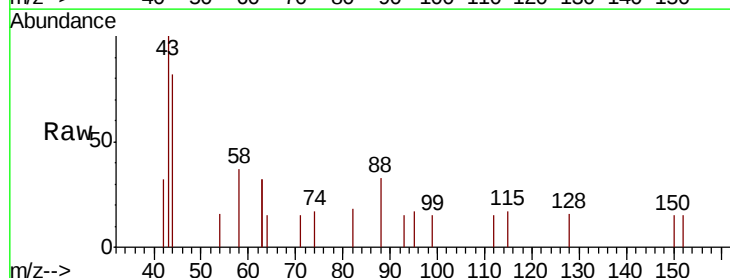
Tgt Ion: 112 Resp: 4

Ion Ratio Lower Upper

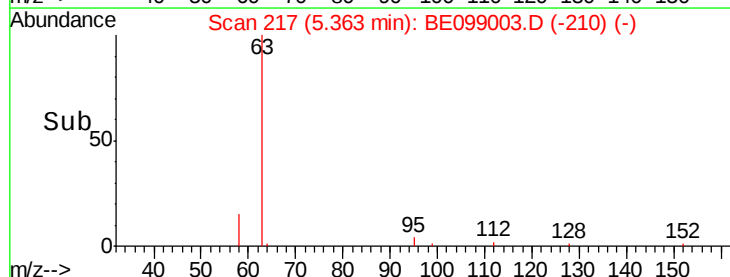
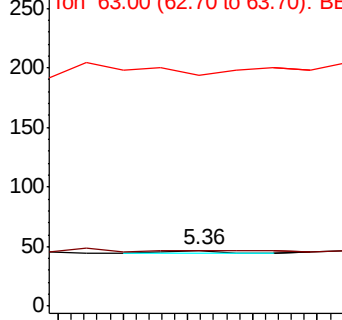
112 100

64 0.0 57.9 86.9#

63 0.0 158.3 237.5#



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: 0.003 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.06 min

Lab File: BE099003.D

Acq: 18 Mar 2019 16:33

Instrument :

BNA_E

ClientSampleId :

M3-T0-OZ(PRE)DL

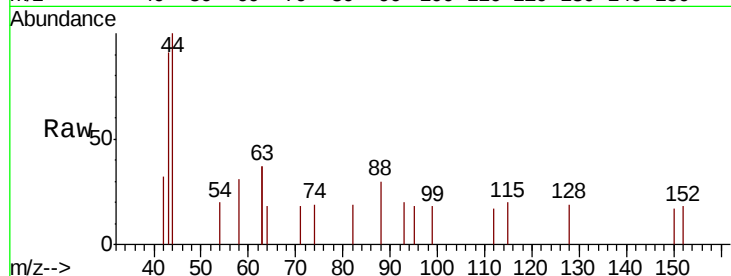
Tgt Ion: 99 Resp: 6

Ion Ratio Lower Upper

99 100

42 250.0 24.2 36.2#

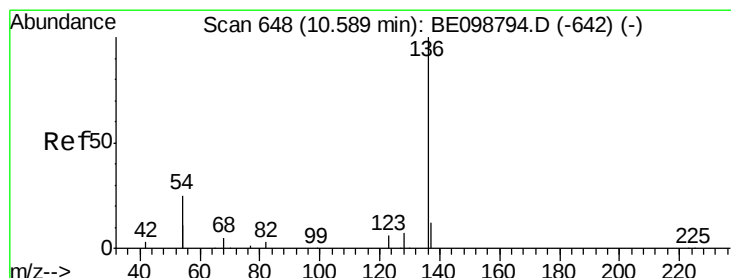
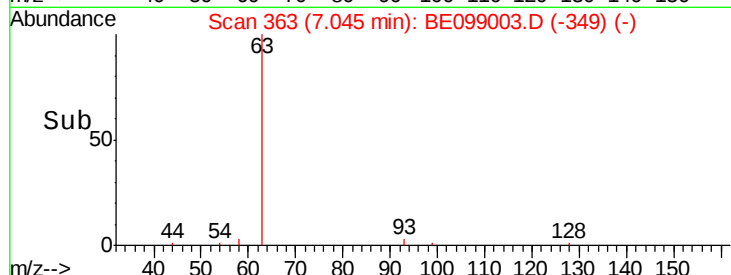
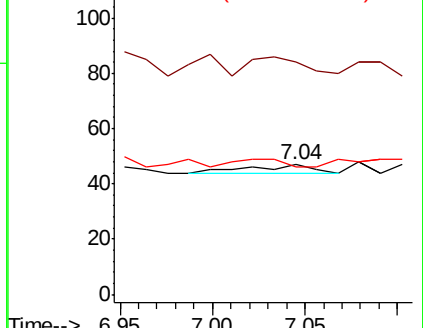
71 0.0 35.7 53.5#



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: 10.63 min Scan# 651

Delta R.T. 0.04 min

Lab File: BE099003.D

Acq: 18 Mar 2019 16:33

Tgt Ion: 136 Resp: 2988

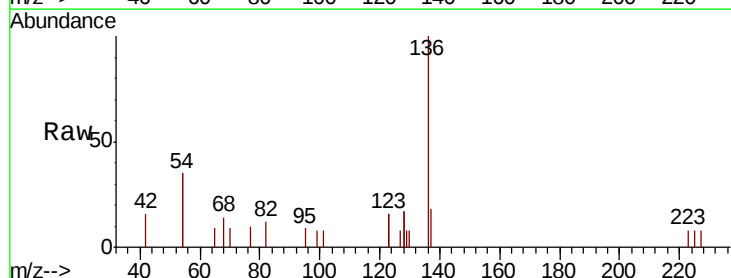
Ion Ratio Lower Upper

136 100

137 18.1 11.4 17.0#

54 70.1 39.3 58.9#

68 14.4 6.7 10.1#

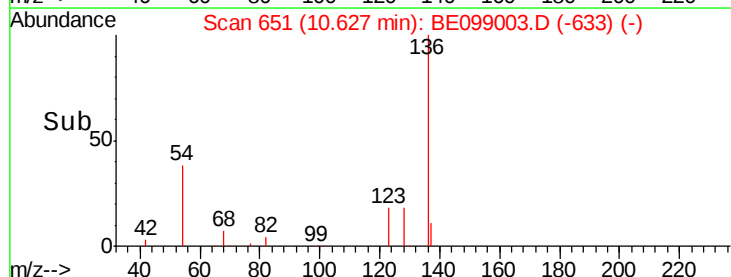
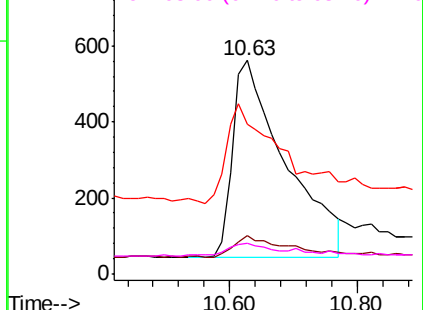


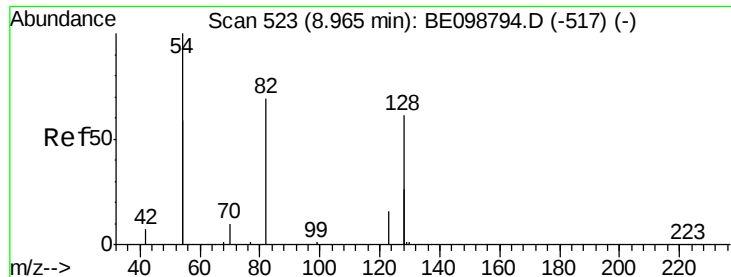
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.002 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099003.D

Acq: 18 Mar 2019 16:33

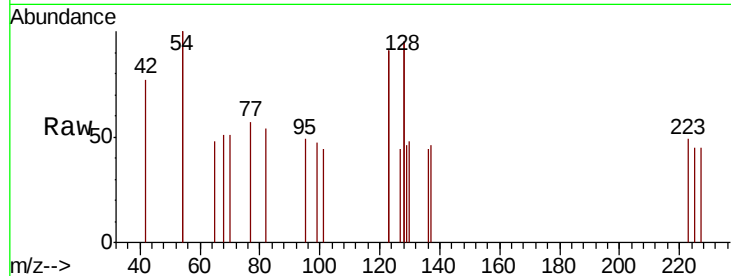
Instrument :

BNA_E

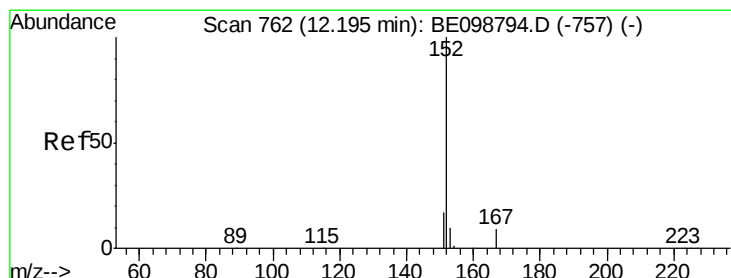
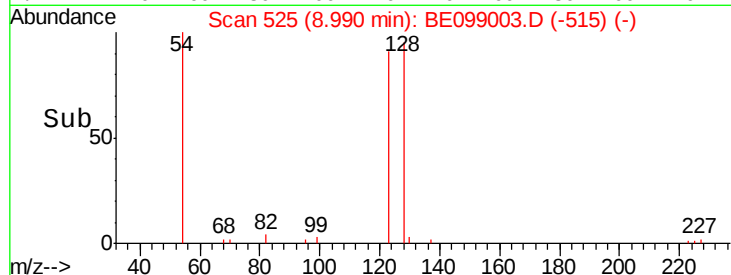
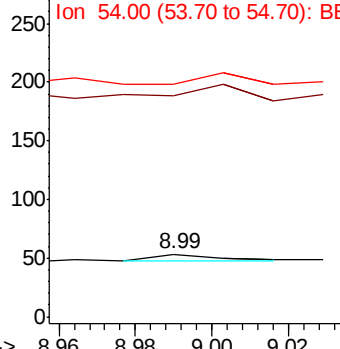
ClientSampleId :

M3-T0-OZ(PRE)DL

Tgt Ion:	82	Resp:	6
Ion	Ratio	Lower	Upper
82	100		
128	354.7	123.8	185.8#
54	373.6	203.4	305.2#



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



#11

2-Methylnaphthalene-d10

Concen: 0.075 ng

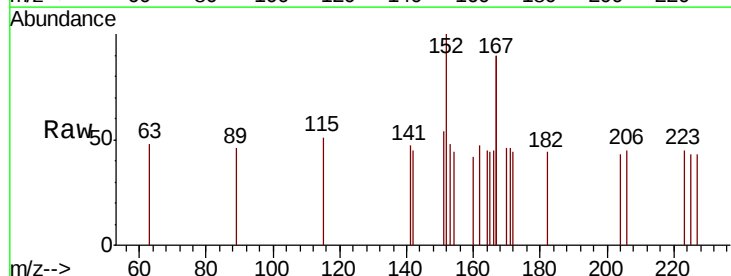
RT: 12.27 min Scan# 767

Delta R.T. 0.07 min

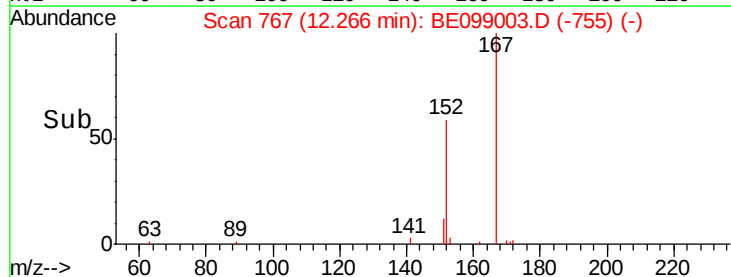
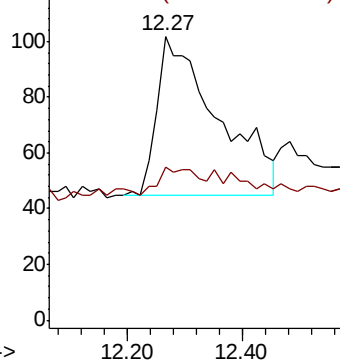
Lab File: BE099003.D

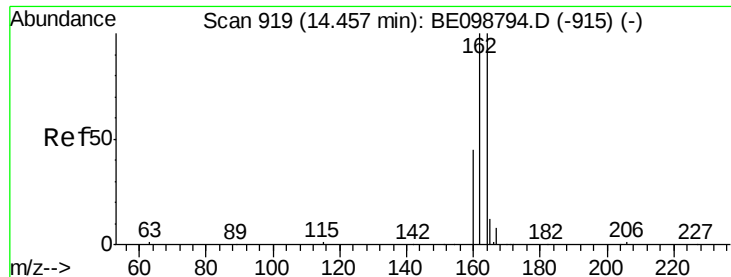
Acq: 18 Mar 2019 16:33

Tgt Ion:	152	Resp:	415
Ion	Ratio	Lower	Upper
152	100		
151	11.1	16.5	24.7#



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

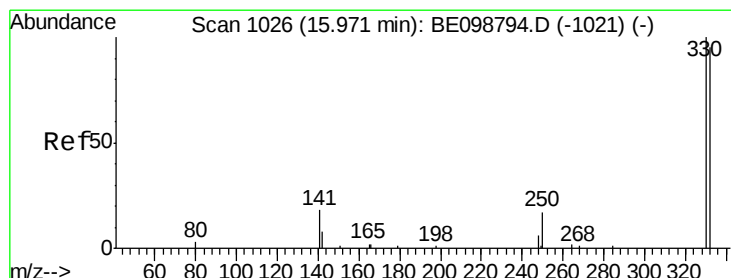
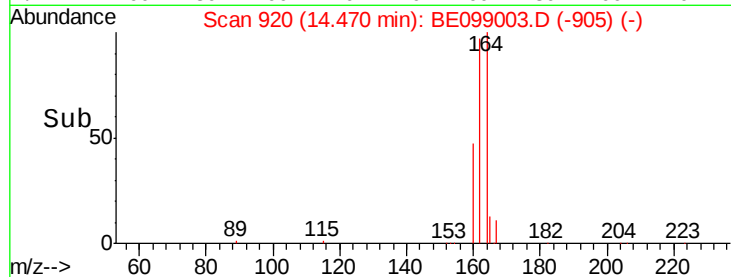
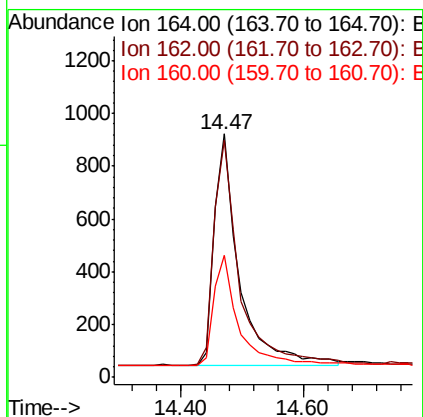
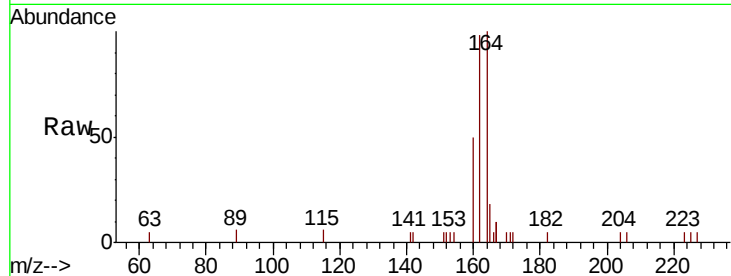




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BE099003.D
 Acq: 18 Mar 2019 16:33

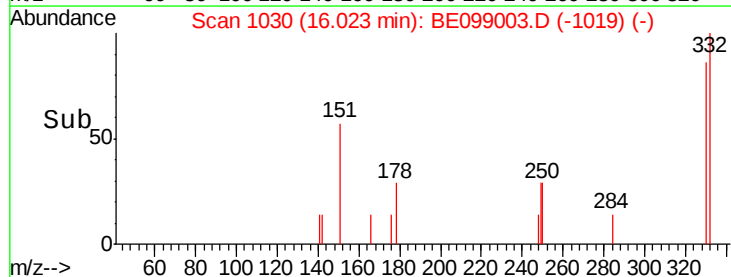
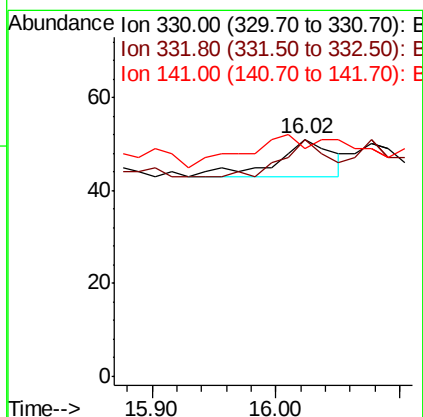
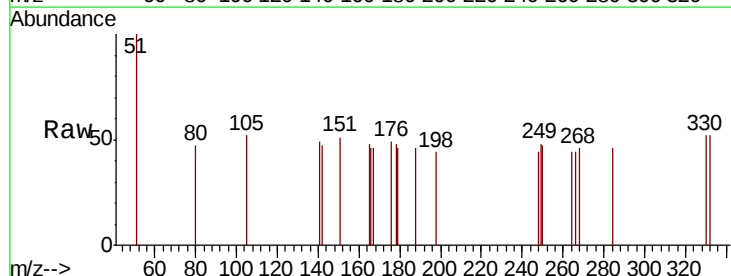
Instrument :
 BNA_E
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 M3-T0-OZ(PRE)DL

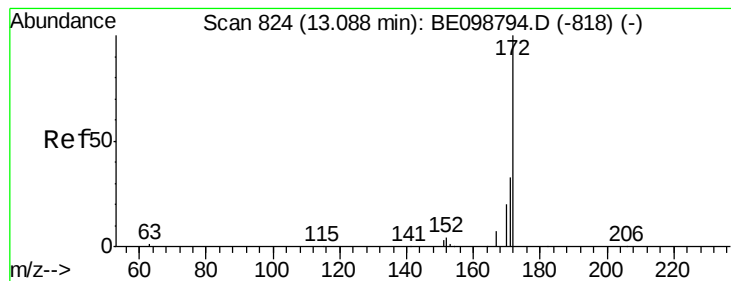
Tgt Ion:164 Resp: 2503
 Ion Ratio Lower Upper
 164 100
 162 97.5 80.2 120.2
 160 50.1 37.8 56.8



#14
 2,4,6-Tribromophenol
 Concen: 0.021 ng
 RT: 16.02 min Scan# 1030
 Delta R.T. 0.05 min
 Lab File: BE099003.D
 Acq: 18 Mar 2019 16:33

Tgt Ion:330 Resp: 26
 Ion Ratio Lower Upper
 330 100
 332 73.1 77.6 116.4#
 141 84.6 31.0 46.4#





#15

2-Fluorobiphenyl

Concen: 0.077 ng

RT: 13.14 min Scan# 828

Delta R.T. 0.06 min

Lab File: BE099003.D

Acq: 18 Mar 2019 16:33

Instrument :

BNA_E

ClientSampleId :

M3-T0-OZ(PRE)DL

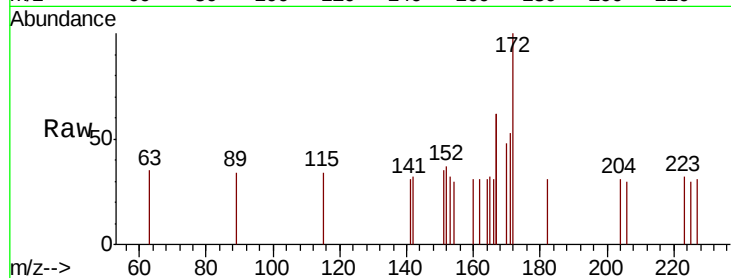
Tgt Ion:172 Resp: 801

Ion Ratio Lower Upper

172 100

171 53.1 28.0 42.0#

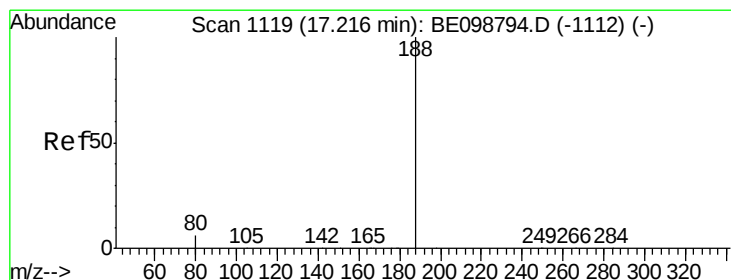
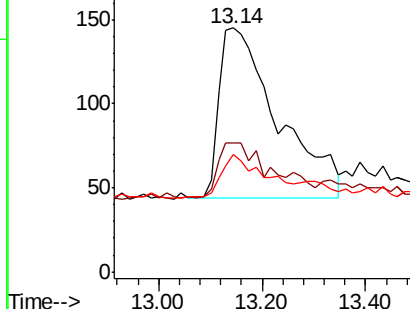
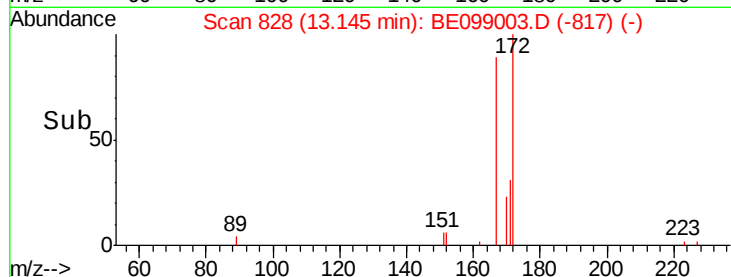
170 48.3 17.7 26.5#



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: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE099003.D

Acq: 18 Mar 2019 16:33

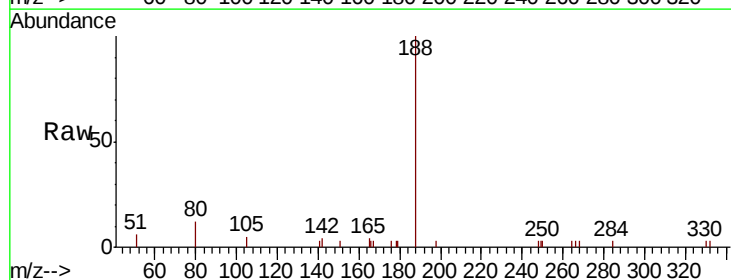
Tgt Ion:188 Resp: 5906

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

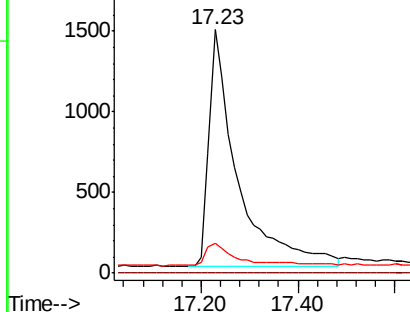
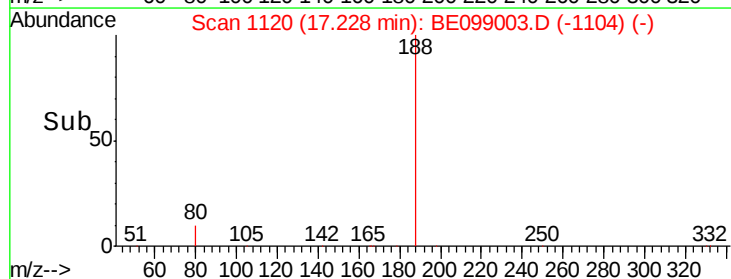
80 12.5 6.3 9.5#

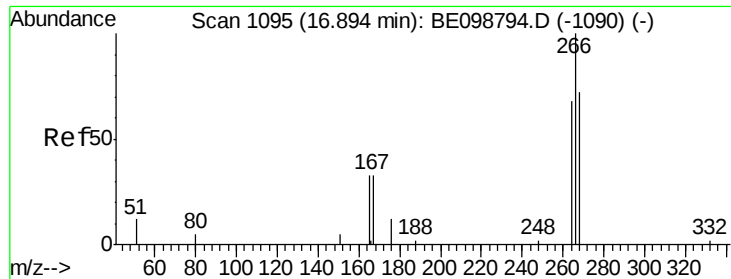


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

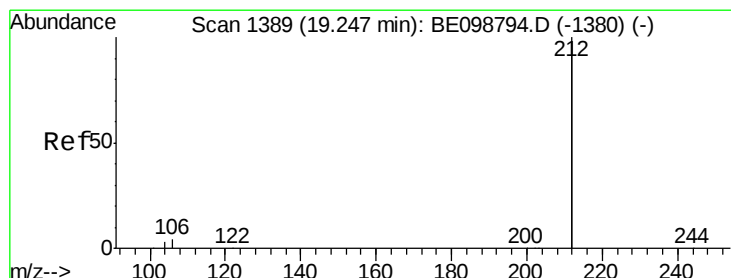
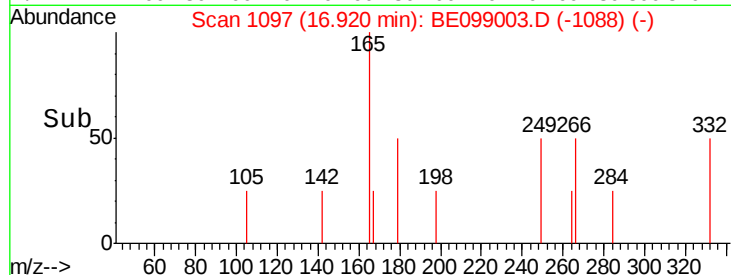
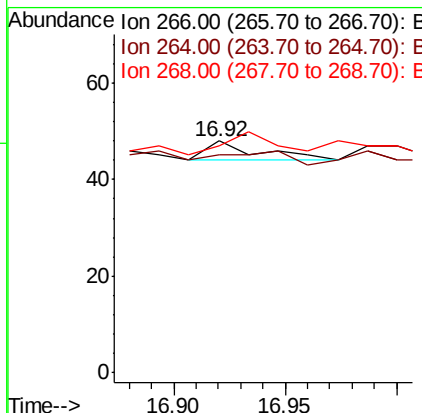
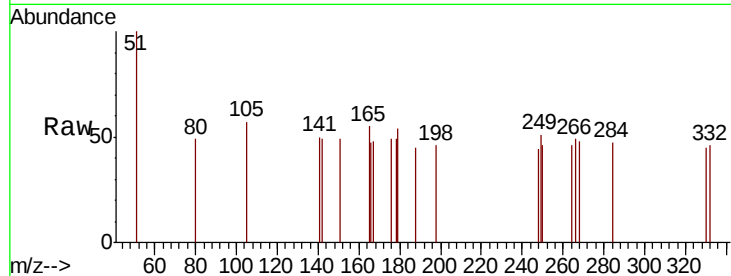




#22
 Pentachlorophenol
 Concen: 0.269 ng
 RT: 16.92 min Scan# 1097
 Delta R.T. 0.03 min
 Lab File: BE099003.D
 Acq: 18 Mar 2019 16:33

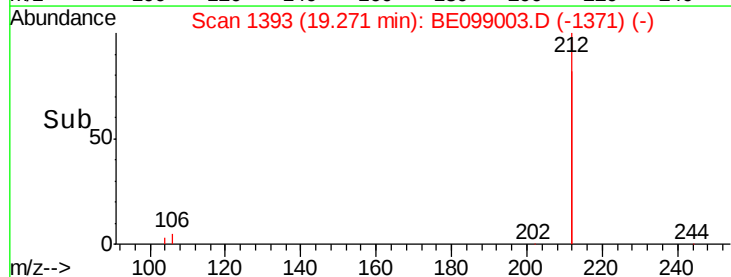
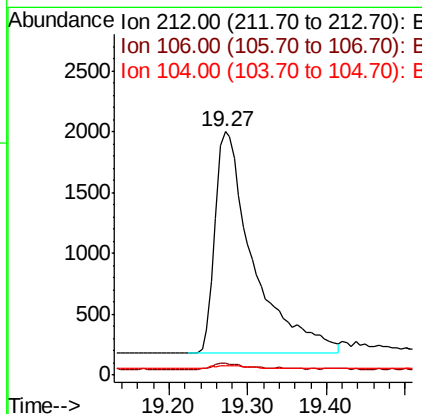
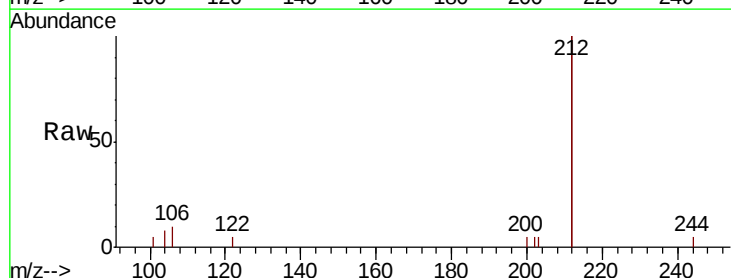
Instrument :
 BNA_E
 ClientSampleId :
 M3-T0-OZ(PRE)DL

Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 93.8 66.6 100.0
 268 97.9 69.8 104.8



#25
 Fluoranthene-d10
 Concen: 0.065 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. 0.02 min
 Lab File: BE099003.D
 Acq: 18 Mar 2019 16:33

Tgt Ion: 212 Resp: 6167
 Ion Ratio Lower Upper
 212 100
 106 2.4 1.8 2.8
 104 1.5 1.0 1.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE099003.D

Acq: 18 Mar 2019 16:33

Instrument :

BNA_E

ClientSampleId :

M3-T0-OZ(PRE)DL

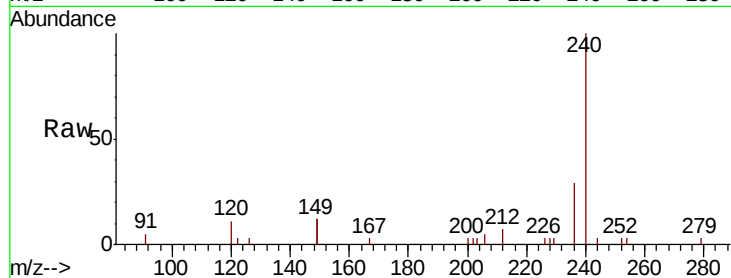
Tgt Ion:240 Resp: 5670

Ion Ratio Lower Upper

240 100

120 10.8 5.0 7.4#

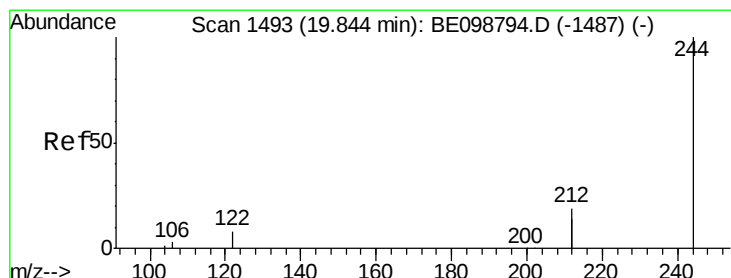
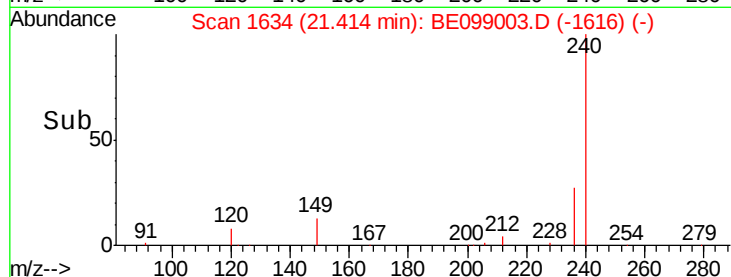
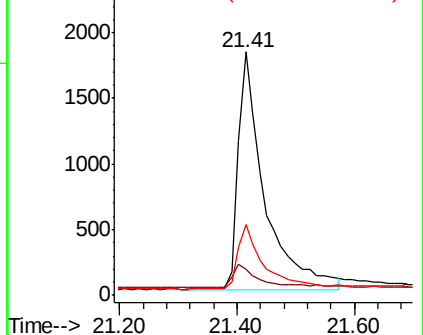
236 28.9 22.7 34.1



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: 0.080 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.02 min

Lab File: BE099003.D

Acq: 18 Mar 2019 16:33

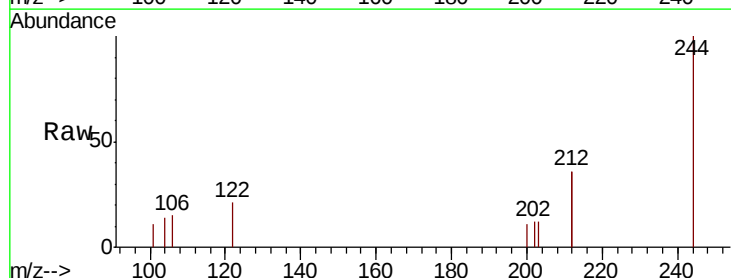
Tgt Ion:244 Resp: 1100

Ion Ratio Lower Upper

244 100

212 72.4 29.4 44.2#

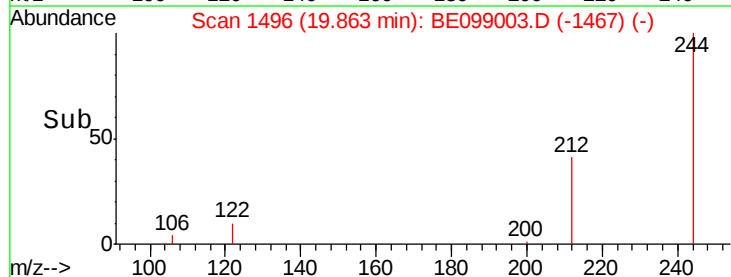
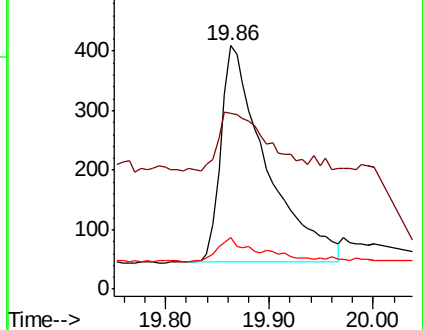
122 21.0 7.1 10.7#

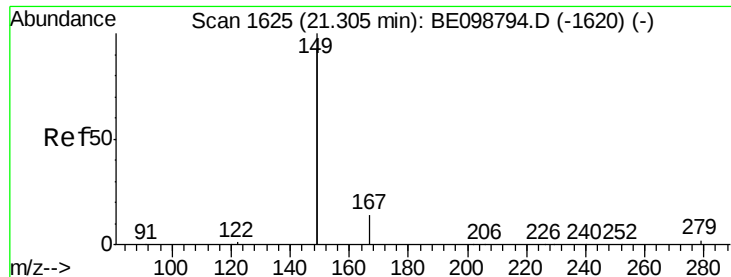


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.072 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099003.D

Acq: 18 Mar 2019 16:33

Instrument :

BNA_E

ClientSampleId :

M3-T0-OZ(PRE)DL

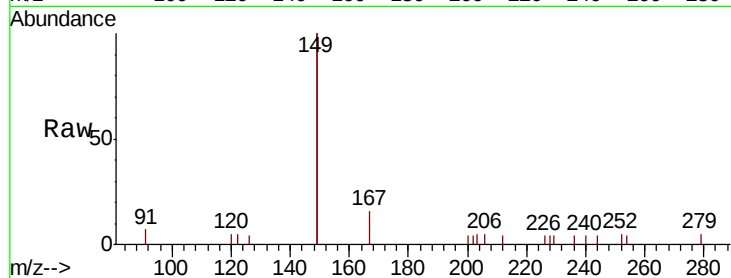
Tgt Ion:149 Resp: 2702

Ion Ratio Lower Upper

149 100

167 7.5 5.4 8.0

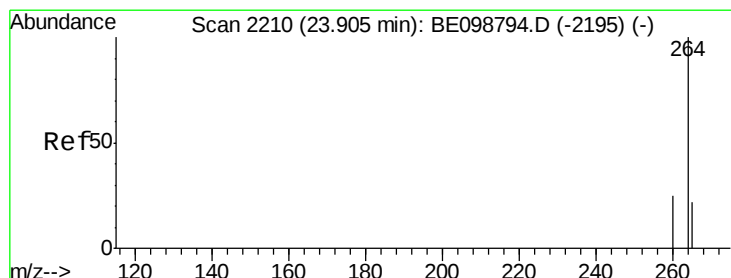
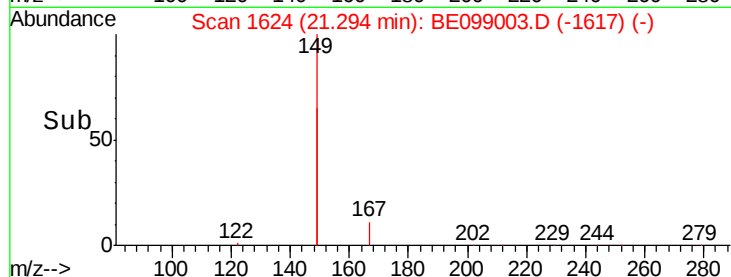
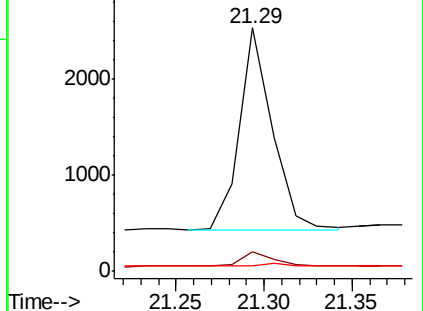
279 1.3 1.0 1.4



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: 23.92 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BE099003.D

Acq: 18 Mar 2019 16:33

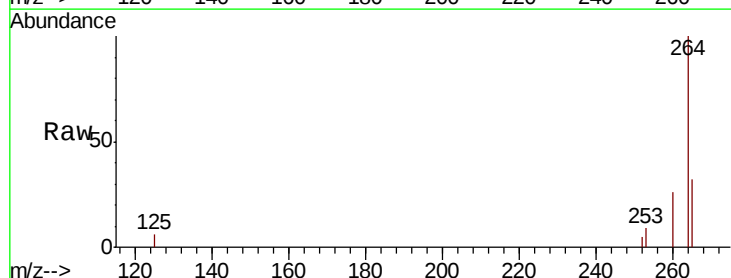
Tgt Ion:264 Resp: 4904

Ion Ratio Lower Upper

264 100

260 26.2 21.2 31.8

265 32.0 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

