

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099021.D
 Acq On : 19 Mar 2019 4:14
 Operator : JU/SJ
 Sample : K1945-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M4-T1-OZ(POST)

Quant Time: Mar 19 08:52:22 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

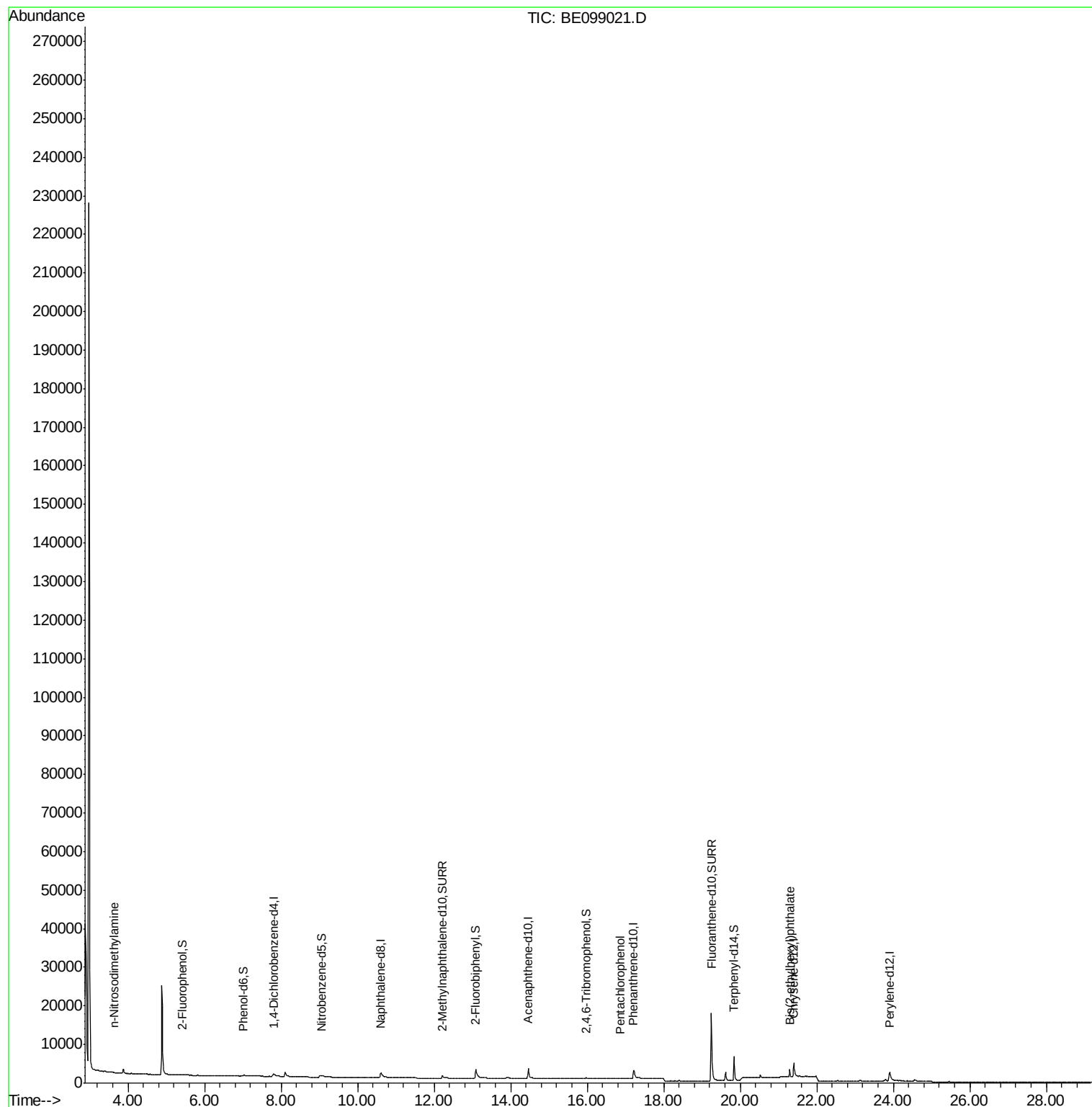
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	693	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2966	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2310	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5086	0.40	ng	0.00
27) Chrysene-d12	21.40	240	5991	0.40	ng	0.00
34) Perylene-d12	23.90	264	5446	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	368	0.18	ng	0.04
5) Phenol-d6	7.00	99	263	0.09	ng	0.01
8) Nitrobenzene-d5	9.06	82	1085	0.35	ng	0.09
11) 2-Methylnaphthalene-d10	12.21	152	2304	0.42	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	323	0.28	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	5070	0.53	ng	0.00
25) Fluoranthene-d10	19.24	212	32838	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	7321	0.50	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.63	42	45	0.026	ng	Qvalue # 52
22) Pentachlorophenol	16.87	266	8	0.272	ng	90
32) Bis(2-ethylhexyl)phthalate	21.29	149	2292	0.058	ng	99

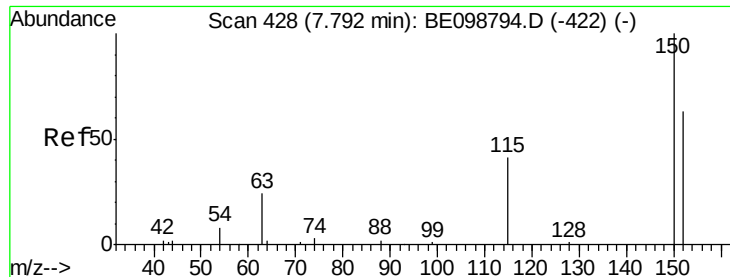
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE099021.D

Acq: 19 Mar 2019 4:14

Instrument :

BNA_E

ClientSampleId :

M4-T1-OZ(POST)

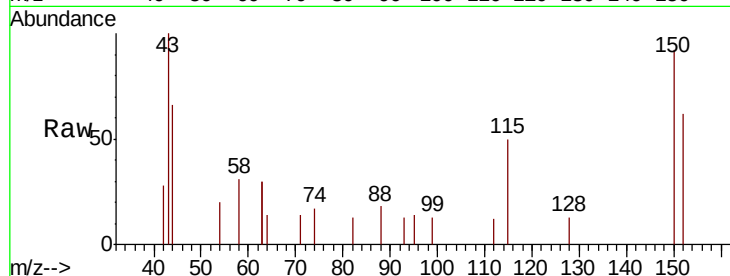
Tgt Ion:152 Resp: 693

Ion Ratio Lower Upper

152 100

150 148.1 122.5 183.7

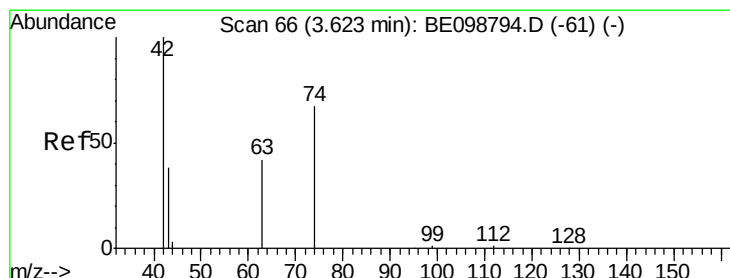
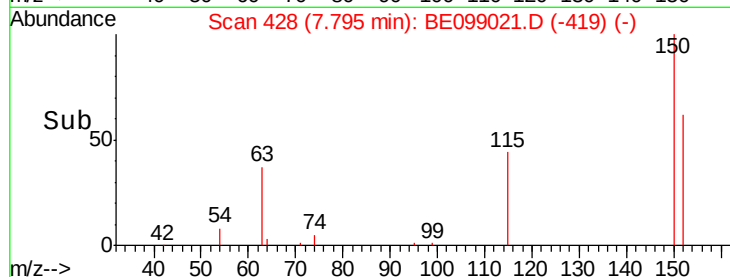
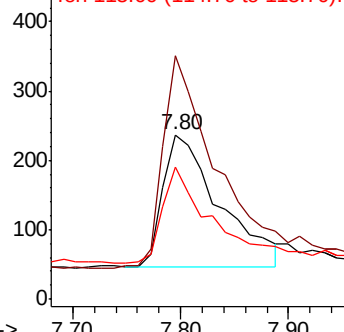
115 80.6 57.4 86.2



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



#3

n-Nitrosodimethylamine

Concen: 0.026 ng

RT: 3.63 min Scan# 66

Delta R.T. 0.00 min

Lab File: BE099021.D

Acq: 19 Mar 2019 4:14

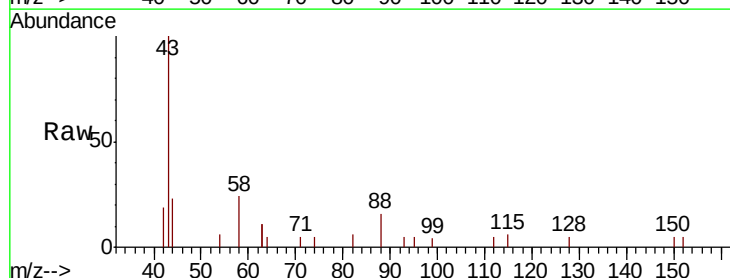
Tgt Ion: 42 Resp: 45

Ion Ratio Lower Upper

42 100

74 31.1 57.0 85.4#

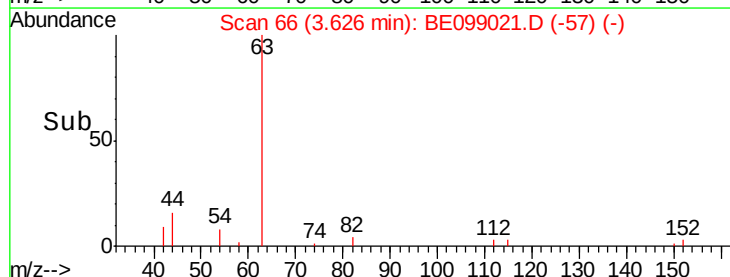
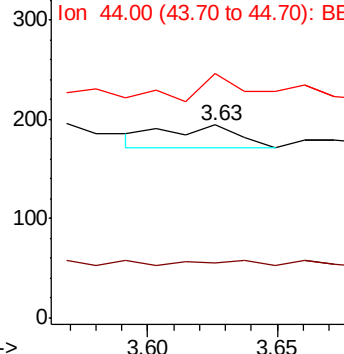
44 104.4 0.0 0.0#

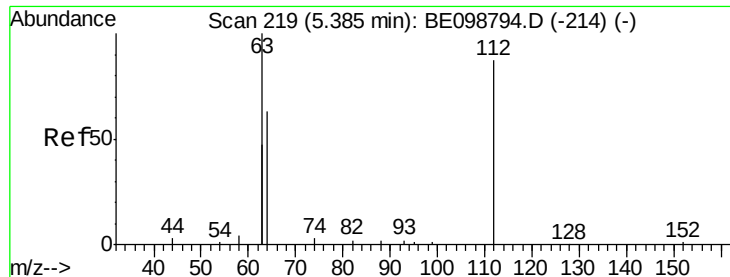


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.178 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE099021.D

Acq: 19 Mar 2019 4:14

Instrument :

BNA_E

ClientSampleId :

M4-T1-OZ(POST)

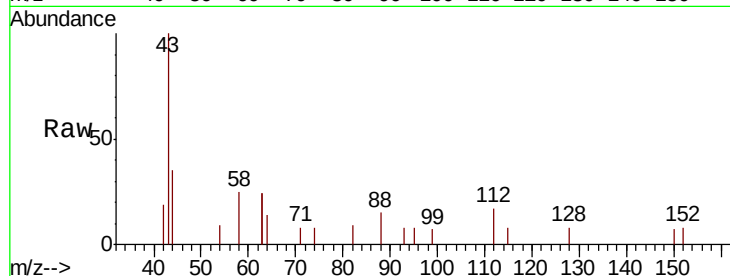
Tgt Ion: 112 Resp: 368

Ion Ratio Lower Upper

112 100

64 80.2 57.9 86.9

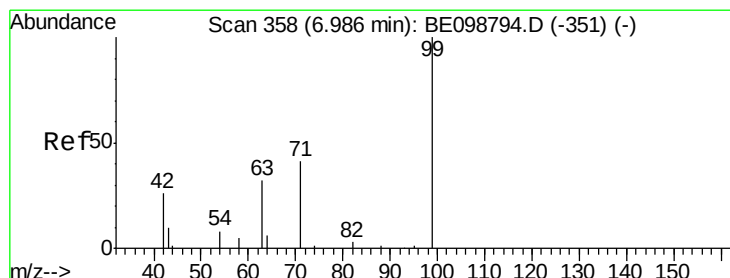
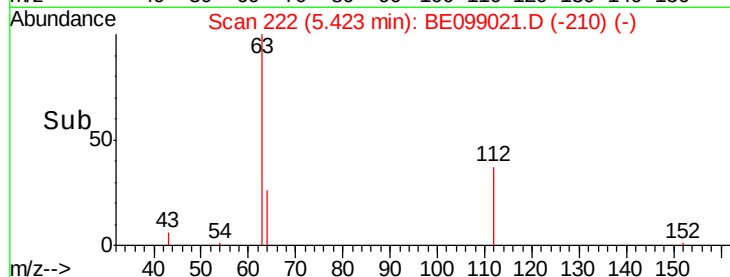
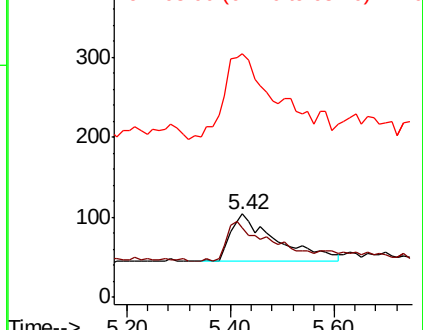
63 153.5 158.3 237.5#



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: 0.090 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099021.D

Acq: 19 Mar 2019 4:14

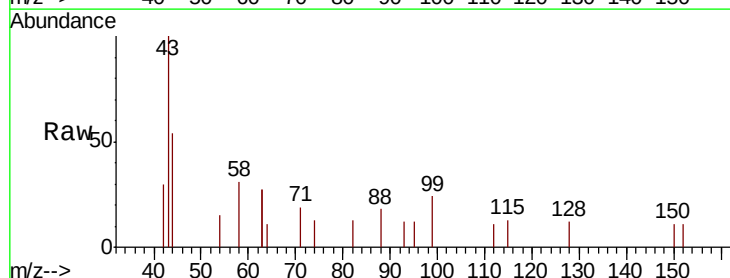
Tgt Ion: 99 Resp: 263

Ion Ratio Lower Upper

99 100

42 35.7 24.2 36.2

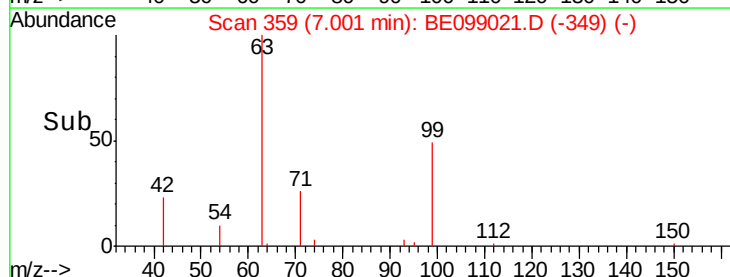
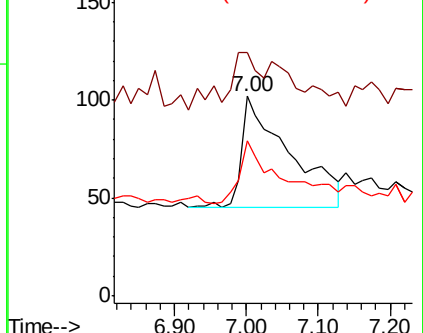
71 49.8 35.7 53.5

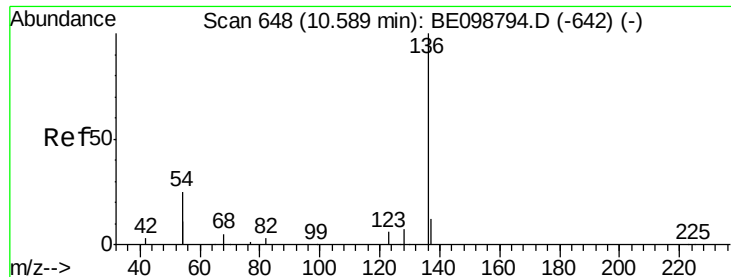


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099021.D

Acq: 19 Mar 2019 4:14

Instrument :

BNA_E

ClientSampleId :

M4-T1-OZ(POST)

Tgt Ion: 136 Resp: 2966

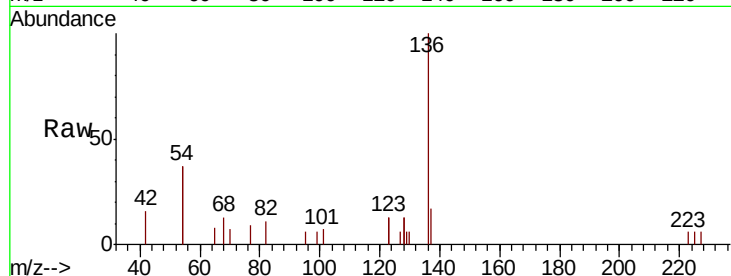
Ion Ratio Lower Upper

136 100

137 17.3 11.4 17.0#

54 74.5 39.3 58.9#

68 13.5 6.7 10.1#

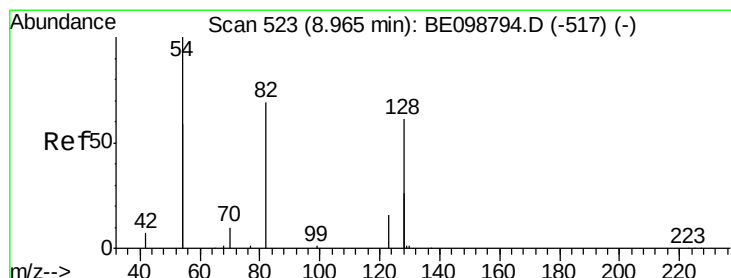
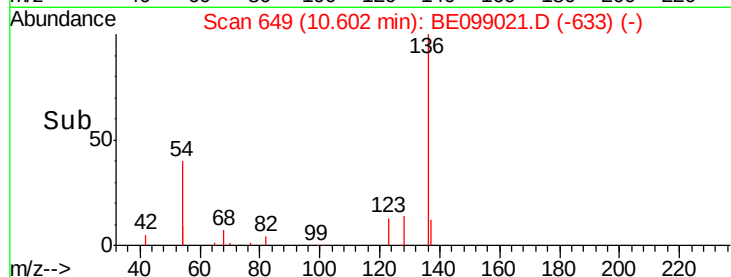
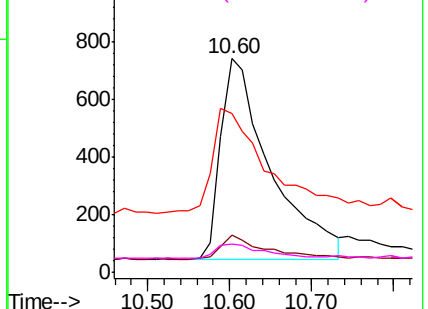


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.349 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.09 min

Lab File: BE099021.D

Acq: 19 Mar 2019 4:14

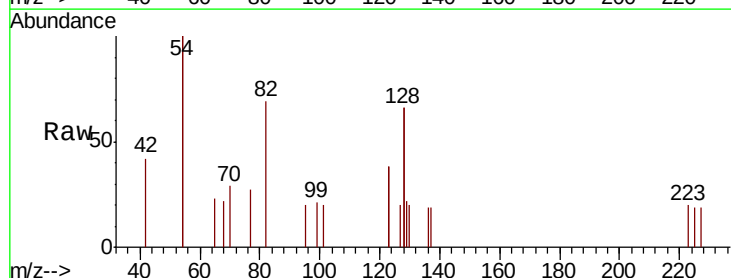
Tgt Ion: 82 Resp: 1085

Ion Ratio Lower Upper

82 100

128 193.8 123.8 185.8#

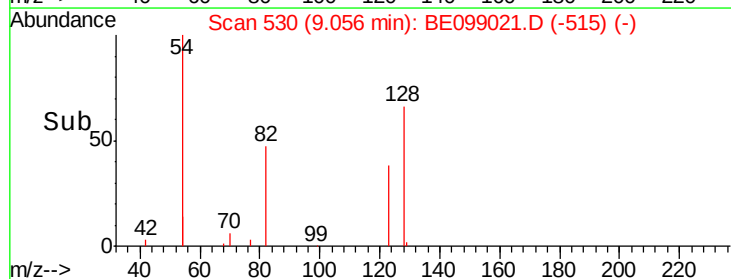
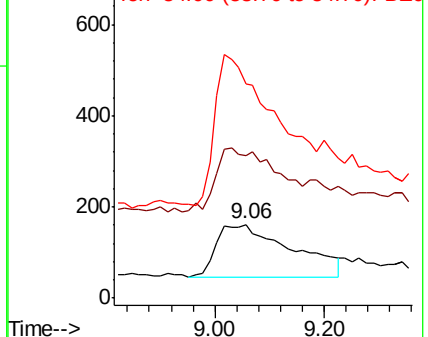
54 291.9 203.4 305.2

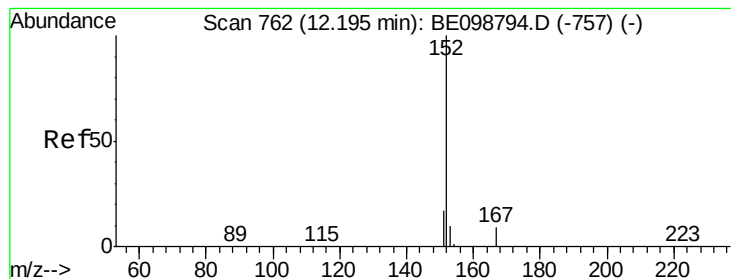


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.420 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099021.D

Acq: 19 Mar 2019 4:14

Instrument :

BNA_E

ClientSampleId :

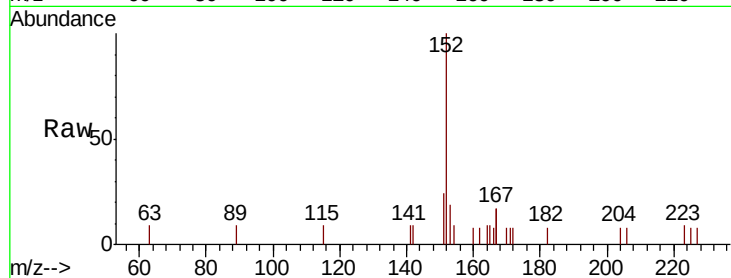
M4-T1-OZ(POST)

Tgt Ion:152 Resp: 2304

Ion Ratio Lower Upper

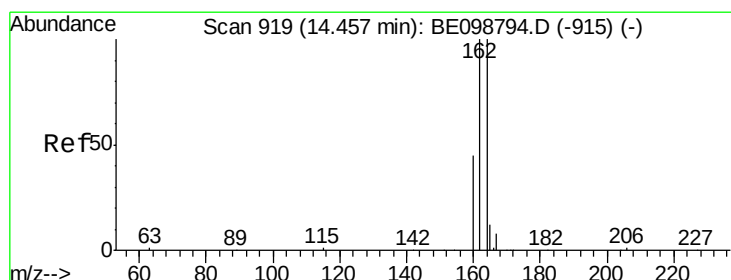
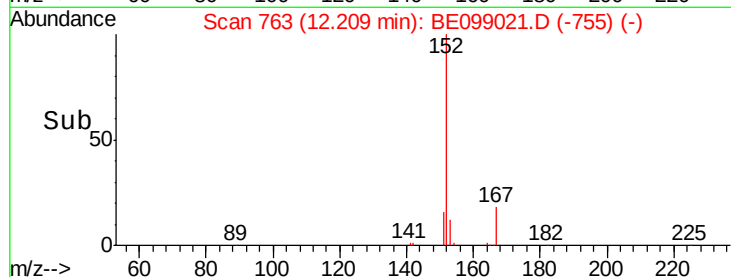
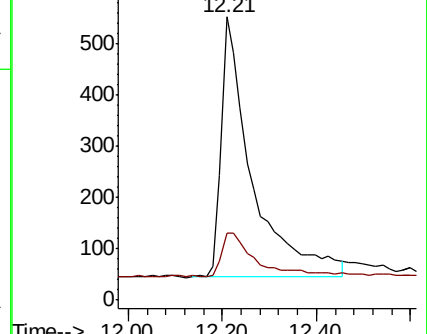
152 100

151 18.9 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: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099021.D

Acq: 19 Mar 2019 4:14

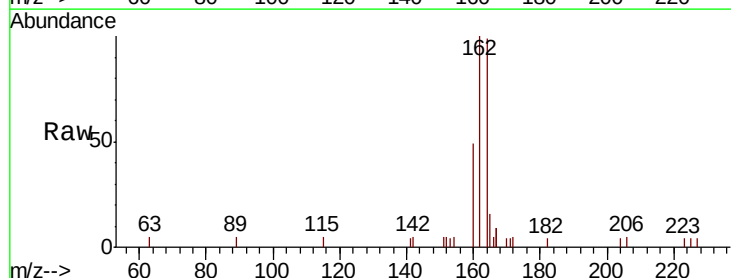
Tgt Ion:164 Resp: 2310

Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.2

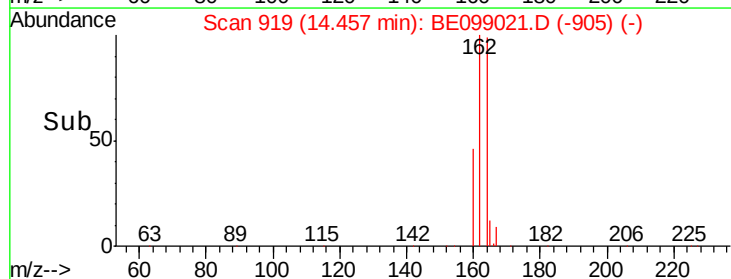
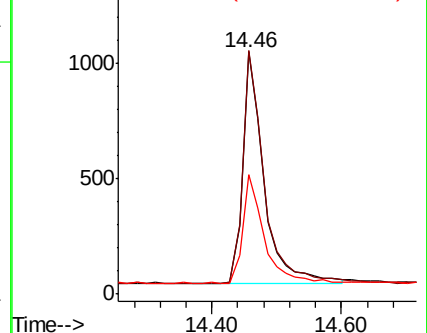
160 49.4 37.8 56.8

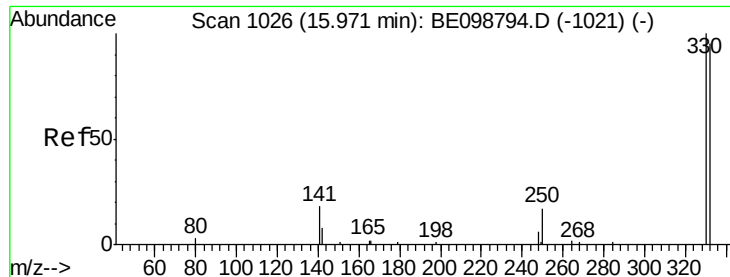


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

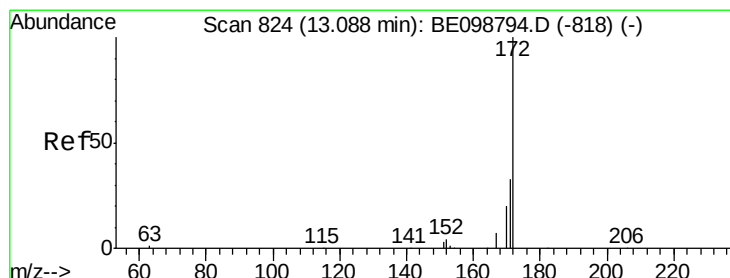
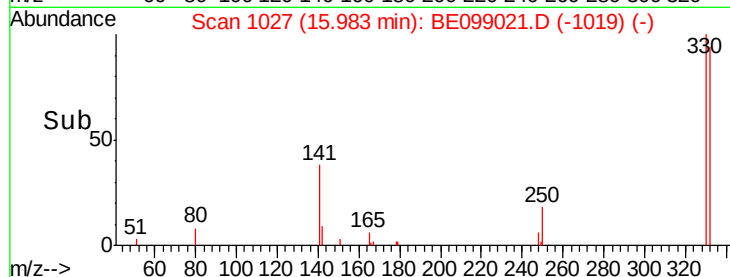
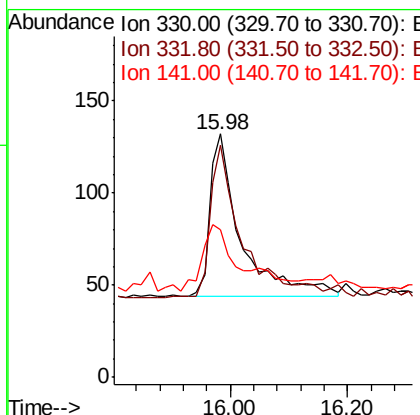
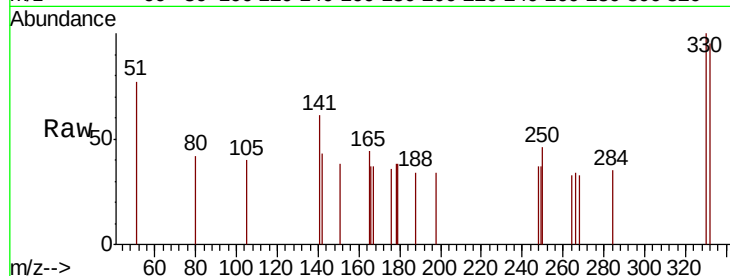




#14
 2,4,6-Tribromophenol
 Concen: 0.277 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE099021.D
 Acq: 19 Mar 2019 4:14

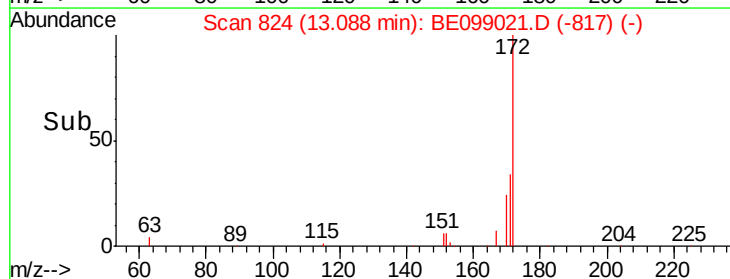
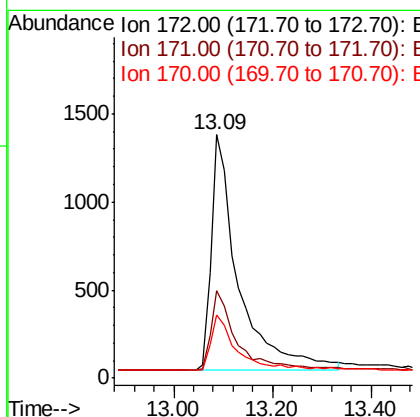
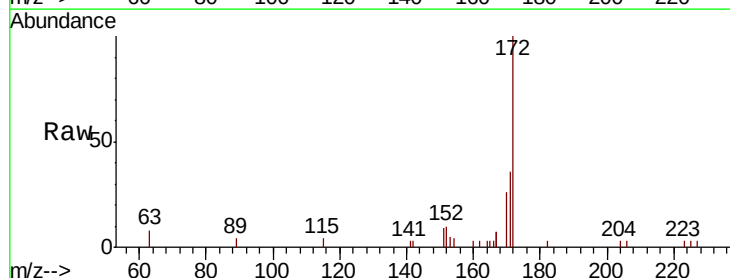
Instrument :
 BNA_E
 ClientSampleId :
 M4-T1-OZ(POST)

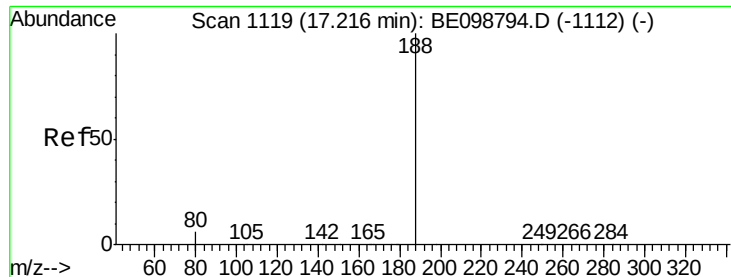
Tgt Ion:330 Resp: 323
 Ion Ratio Lower Upper
 330 100
 332 93.8 77.6 116.4
 141 49.8 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.530 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE099021.D
 Acq: 19 Mar 2019 4:14

Tgt Ion:172 Resp: 5070
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.0 42.0
 170 26.2 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099021.D

Acq: 19 Mar 2019 4:14

Instrument :

BNA_E

ClientSampleId :

M4-T1-OZ(POST)

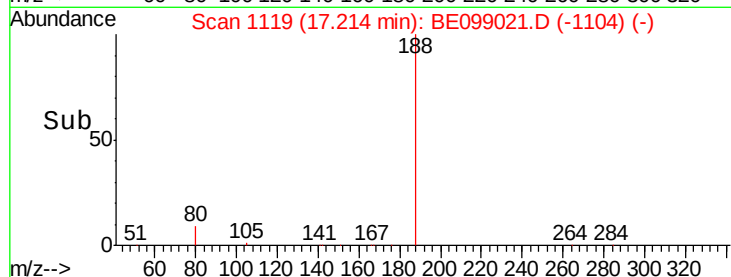
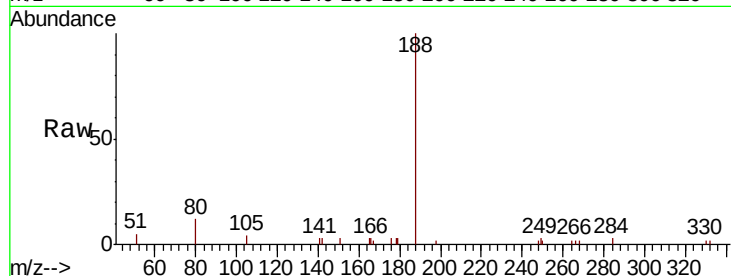
Tgt Ion:188 Resp: 5086

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

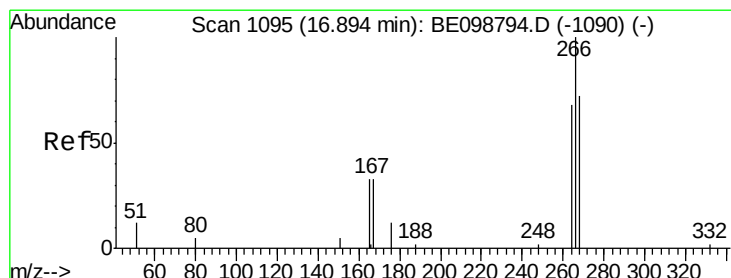
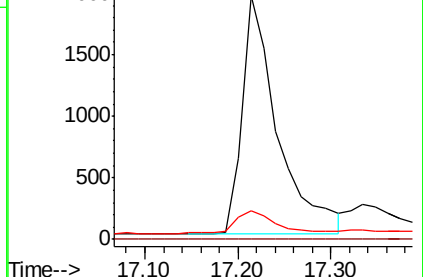
80 11.8 6.3 9.5#



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: 0.272 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE099021.D

Acq: 19 Mar 2019 4:14

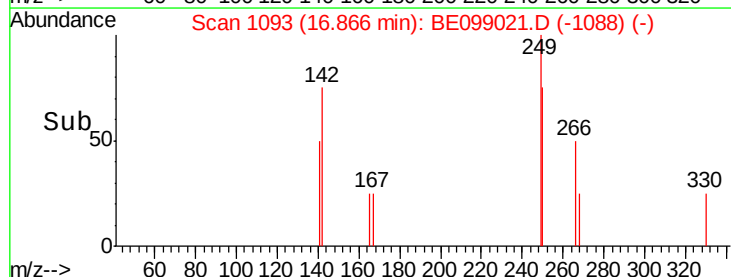
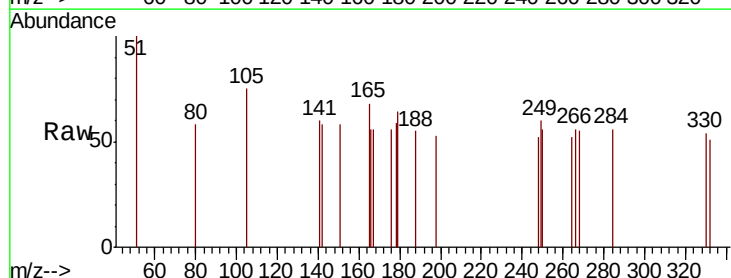
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 91.7 66.6 100.0

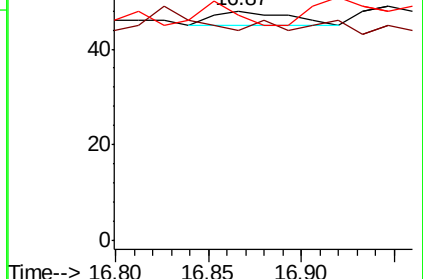
268 97.9 69.8 104.8

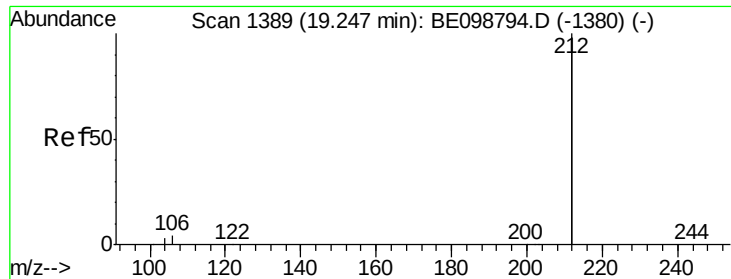


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.405 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099021.D

Acq: 19 Mar 2019 4:14

Instrument :

BNA_E

ClientSampleId :

M4-T1-OZ(POST)

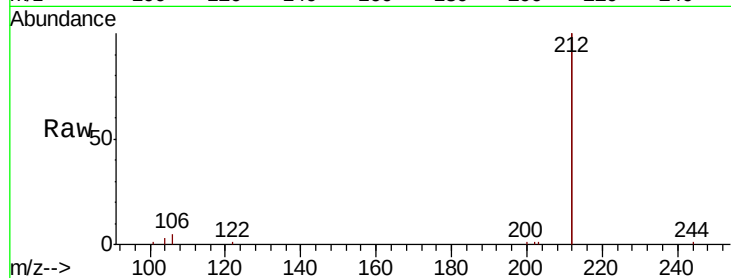
Tgt Ion:212 Resp: 32838

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

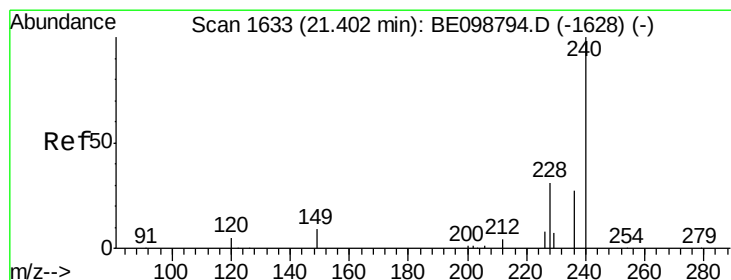
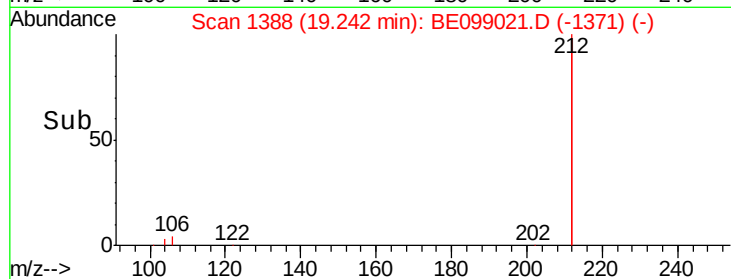
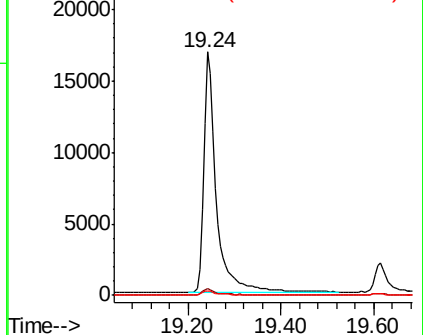
104 1.4 1.0 1.6



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# 1633

Delta R.T. 0.00 min

Lab File: BE099021.D

Acq: 19 Mar 2019 4:14

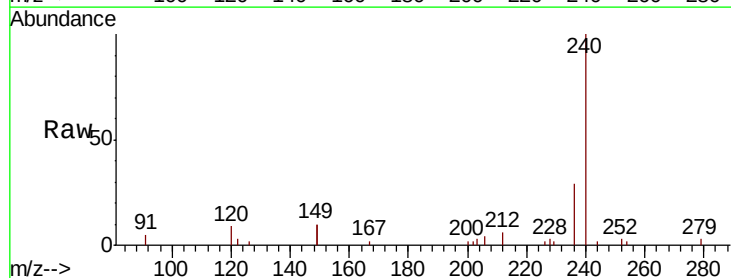
Tgt Ion:240 Resp: 5991

Ion Ratio Lower Upper

240 100

120 9.4 5.0 7.4#

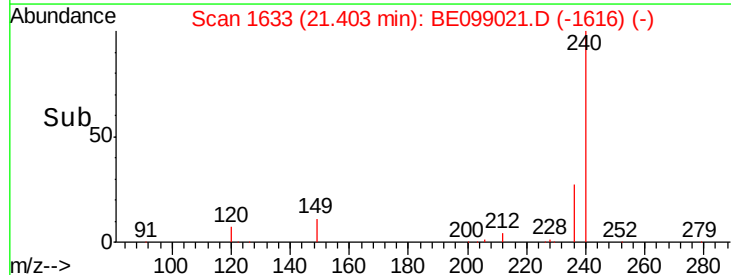
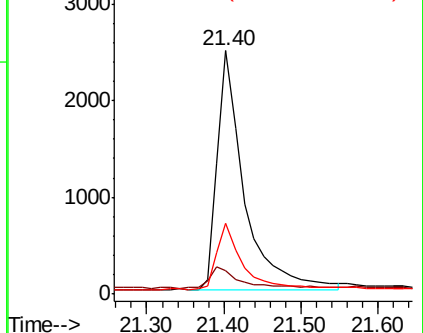
236 28.9 22.7 34.1

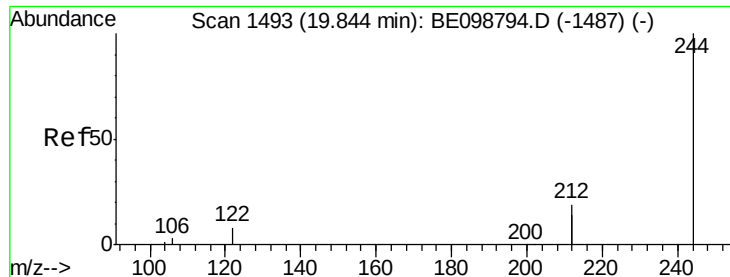


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.503 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099021.D

Acq: 19 Mar 2019 4:14

Instrument :

BNA_E

ClientSampleId :

M4-T1-OZ(POST)

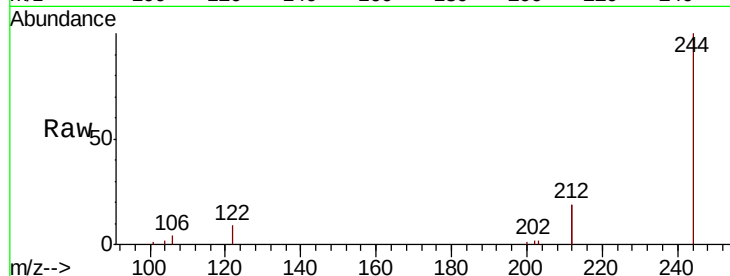
Tgt Ion:244 Resp: 7321

Ion Ratio Lower Upper

244 100

212 38.6 29.4 44.2

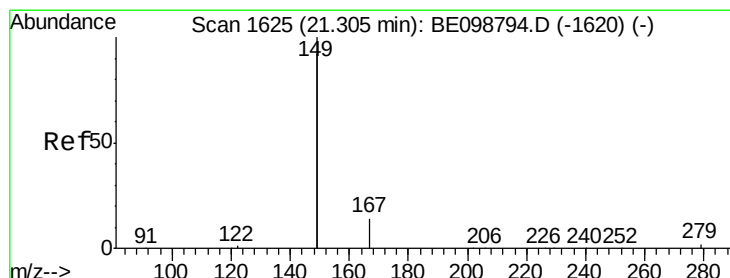
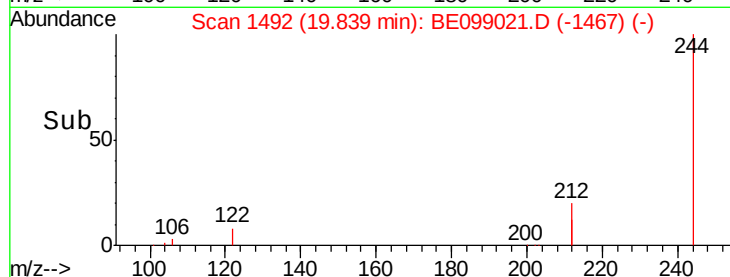
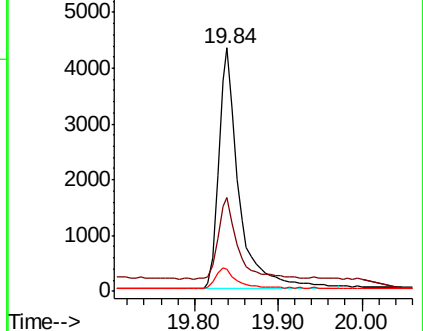
122 9.0 7.1 10.7



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: 0.058 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099021.D

Acq: 19 Mar 2019 4:14

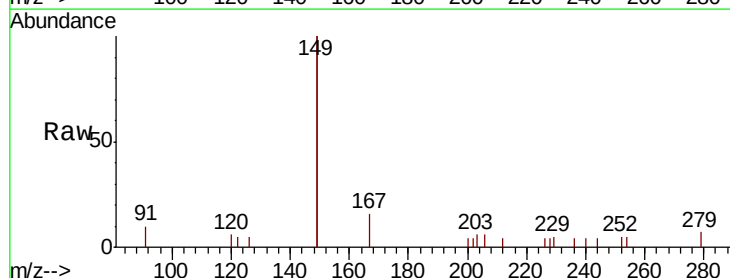
Tgt Ion:149 Resp: 2292

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

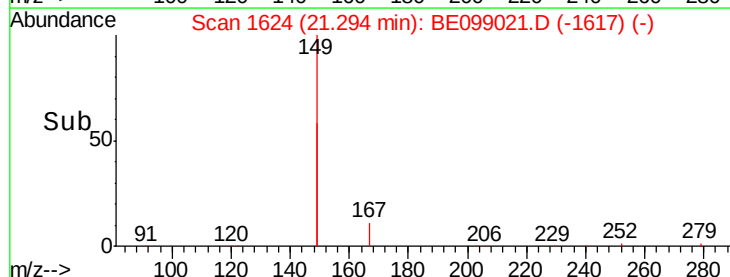
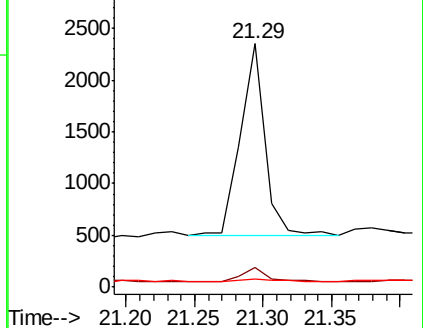
279 1.4 1.0 1.4

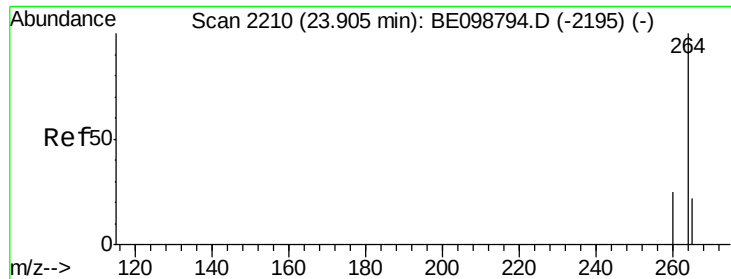


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.90 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BE099021.D

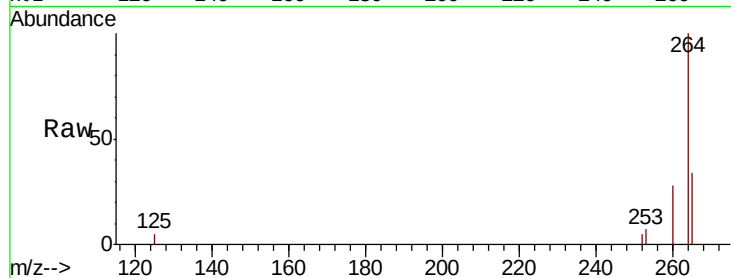
Acq: 19 Mar 2019 4:14

Instrument :

BNA_E

ClientSampleId :

M4-T1-OZ(POST)



Tgt Ion: 264 Resp: 5446

Ion Ratio Lower Upper

264 100

260 27.7 21.2 31.8

265 33.5 24.6 36.8

