

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030619\
 Data File : BE098807.D
 Acq On : 6 Mar 2019 20:41
 Operator : JU/SJ
 Sample : K1655-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB-022719

Quant Time: Mar 07 01:47:00 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

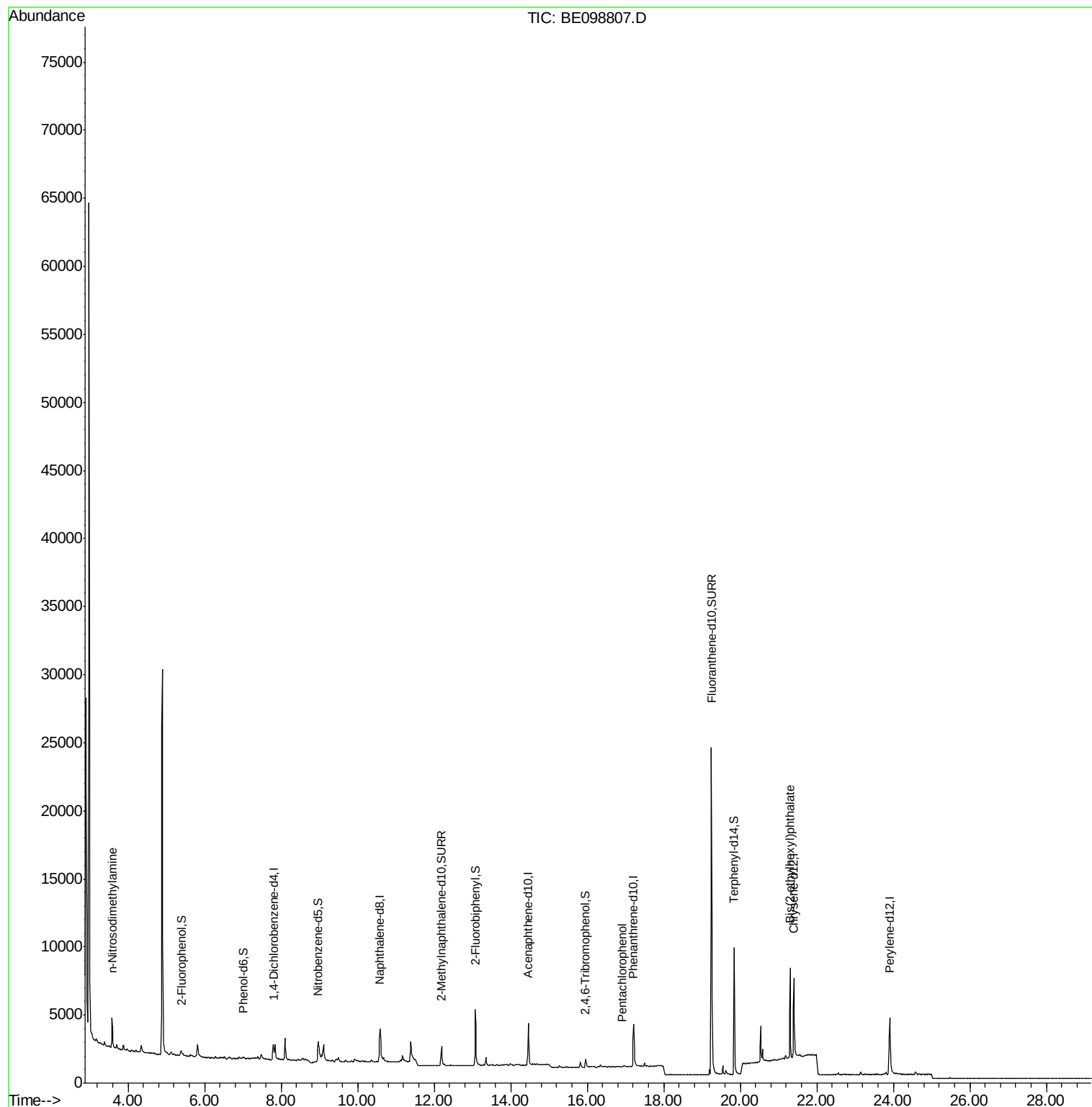
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	777	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3281	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2145	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5710	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7552	0.40	ng	0.00
34) Perylene-d12	23.90	264	7111	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	361	0.16	ng	0.00
5) Phenol-d6	7.01	99	260	0.08	ng	0.03
8) Nitrobenzene-d5	8.96	82	1101	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2412	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	447	0.41	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	4756	0.54	ng	-0.01
25) Fluoranthene-d10	19.25	212	36939	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	9209	0.50	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.58	42	222	0.114	ng	Qvalue # 14
22) Pentachlorophenol	16.91	266	6	0.269	ng	88
32) Bis(2-ethylhexyl)phthalate	21.31	149	7460	0.149	ng	99

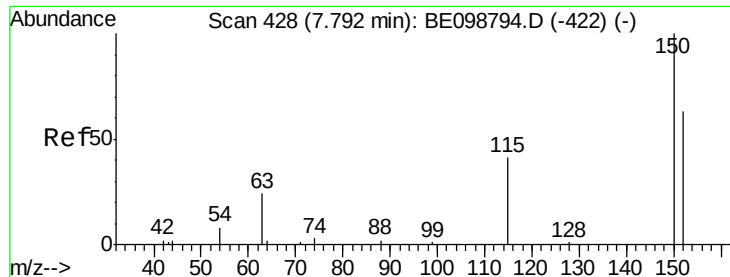
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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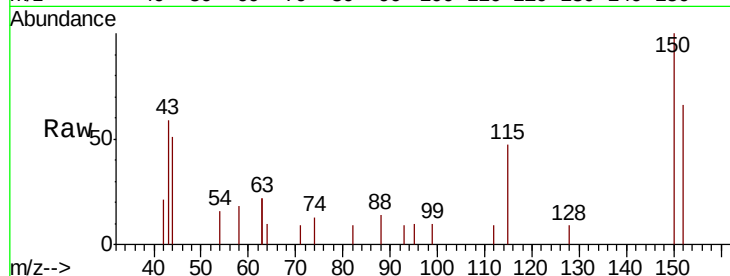


#1

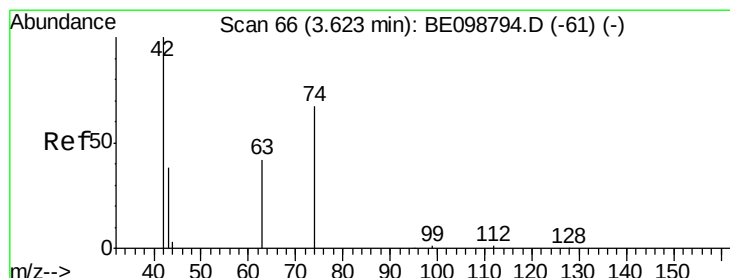
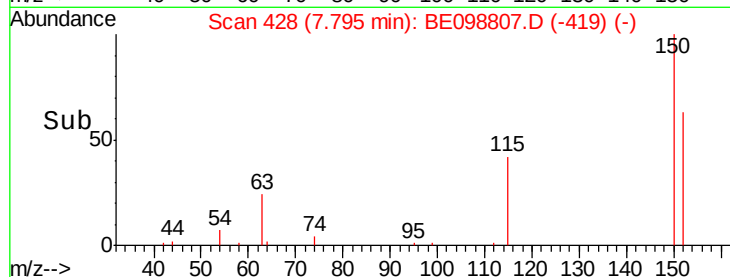
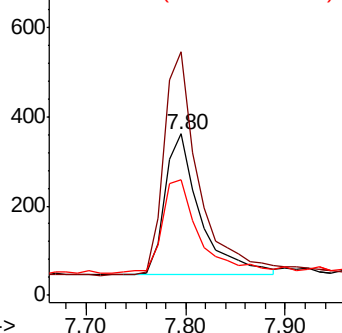
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098807.D
Acq: 6 Mar 2019 20:41

Instrument :
BNA_E
ClientSampleId :
FB-022719

Tgt Ion: 152 Resp: 777
Ion Ratio Lower Upper
152 100
150 150.7 122.5 183.7
115 71.5 57.4 86.2



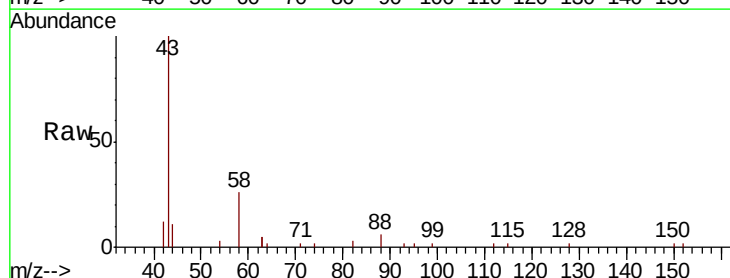
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



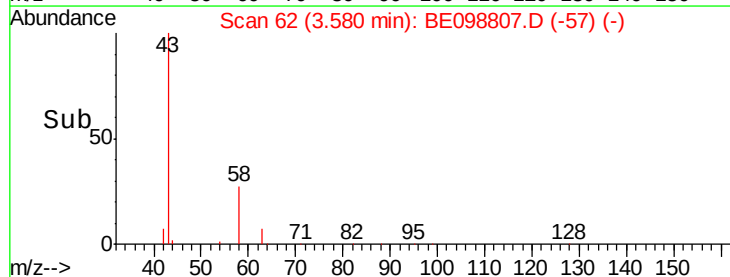
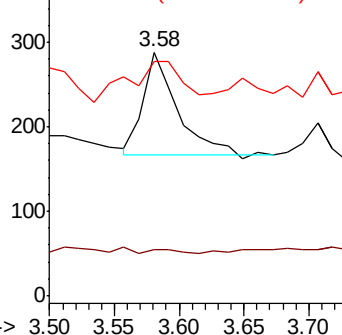
#3

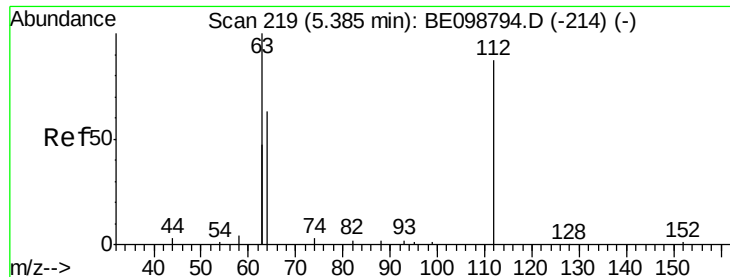
n-Nitrosodimethylamine
Concen: 0.114 ng
RT: 3.58 min Scan# 62
Delta R.T. -0.04 min
Lab File: BE098807.D
Acq: 6 Mar 2019 20:41

Tgt Ion: 42 Resp: 222
Ion Ratio Lower Upper
42 100
74 0.0 57.0 85.4#
44 38.7 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: 0.155 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE098807.D

Acq: 6 Mar 2019 20:41

Instrument :

BNA_E

ClientSampleId :

FB-022719

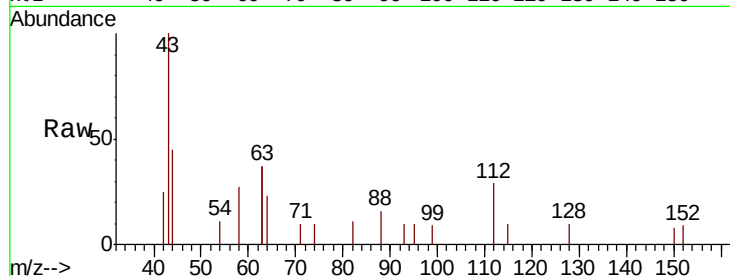
Tgt Ion: 112 Resp: 361

Ion Ratio Lower Upper

112 100

64 86.4 57.9 86.9

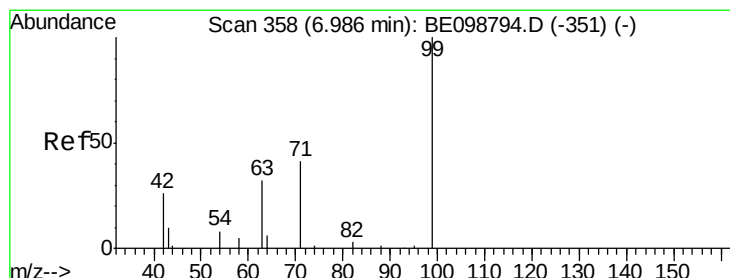
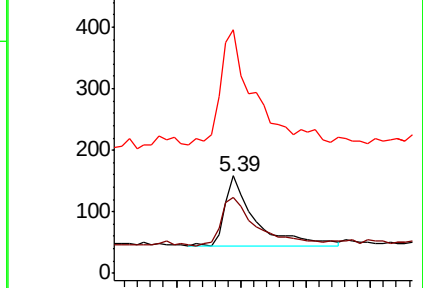
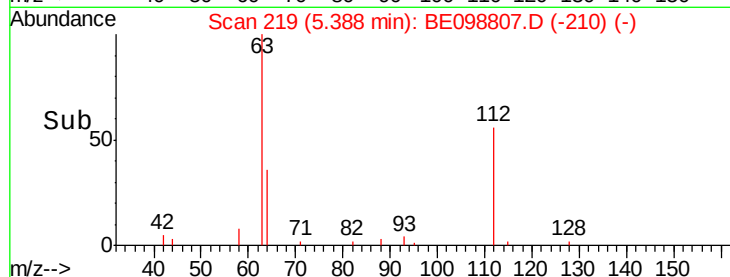
63 180.1 158.3 237.5



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: 0.079 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE098807.D

Acq: 6 Mar 2019 20:41

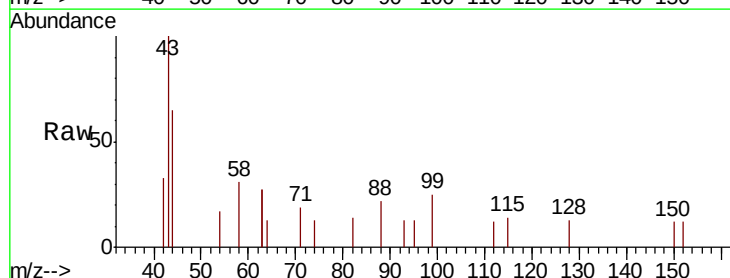
Tgt Ion: 99 Resp: 260

Ion Ratio Lower Upper

99 100

42 16.5 24.2 36.2#

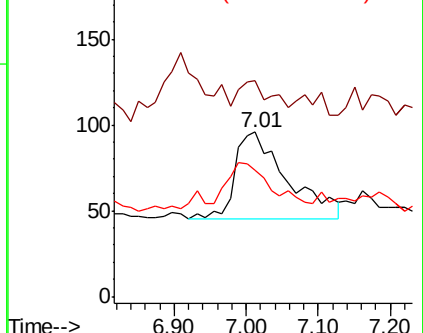
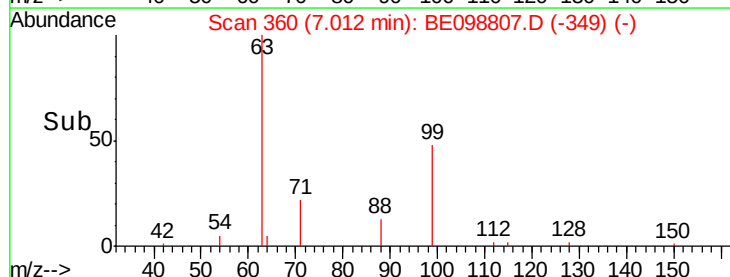
71 0.0 35.7 53.5#

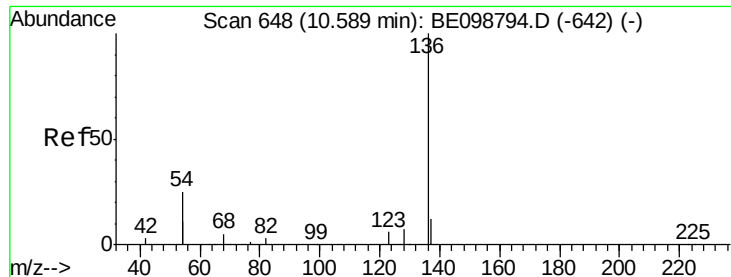


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098807.D

Acq: 6 Mar 2019 20:41

Instrument :

BNA_E

ClientSampleId :

FB-022719

Tgt Ion:136 Resp: 3281

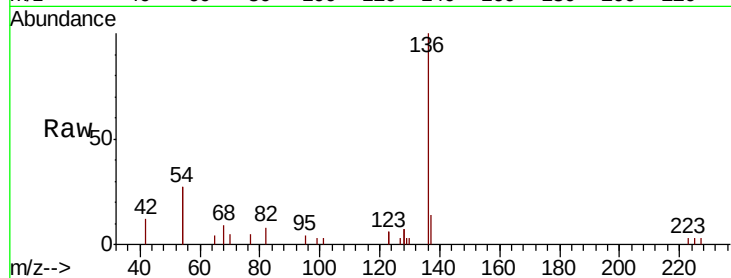
Ion Ratio Lower Upper

136 100

137 14.2 11.4 17.0

54 54.4 39.3 58.9

68 8.6 6.7 10.1

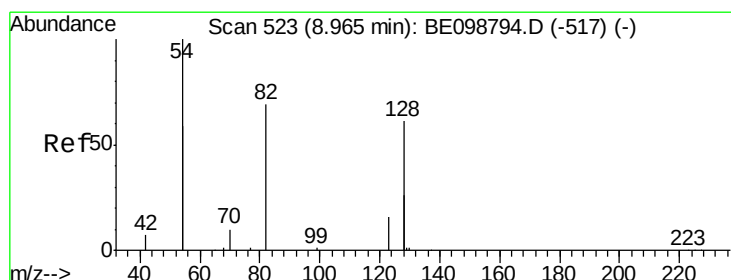
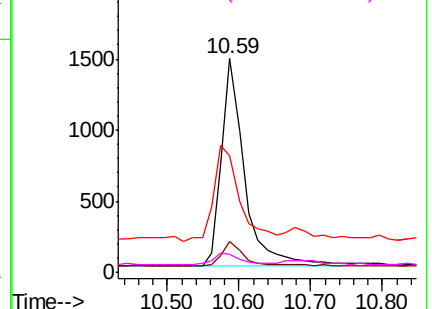
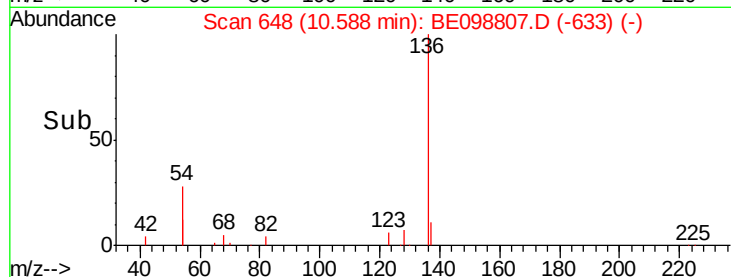


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.320 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE098807.D

Acq: 6 Mar 2019 20:41

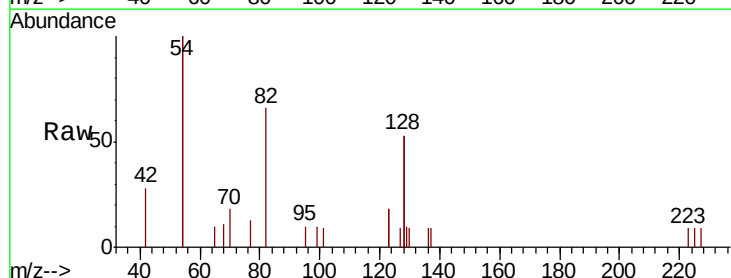
Tgt Ion: 82 Resp: 1101

Ion Ratio Lower Upper

82 100

128 158.3 123.8 185.8

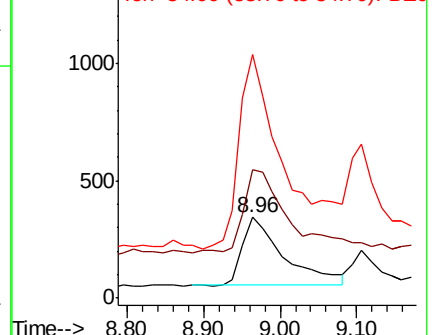
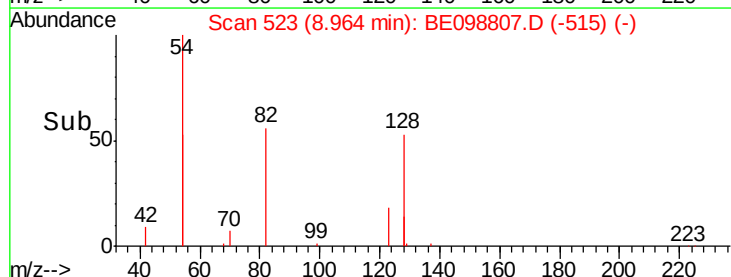
54 300.9 203.4 305.2

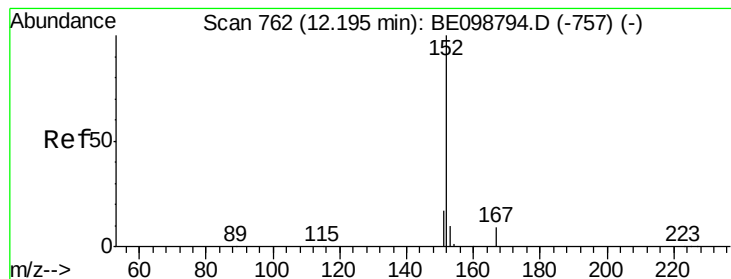


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098807.D

Acq: 6 Mar 2019 20:41

Instrument :

BNA_E

ClientSampleId :

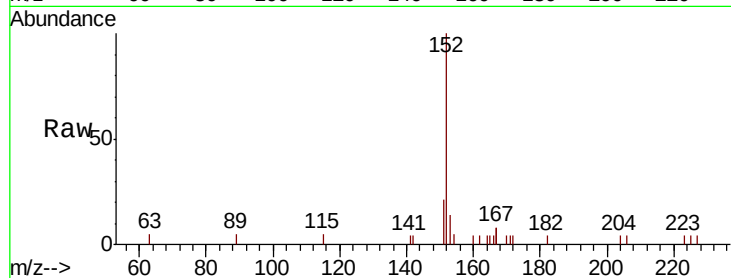
FB-022719

Tgt Ion:152 Resp: 2412

Ion Ratio Lower Upper

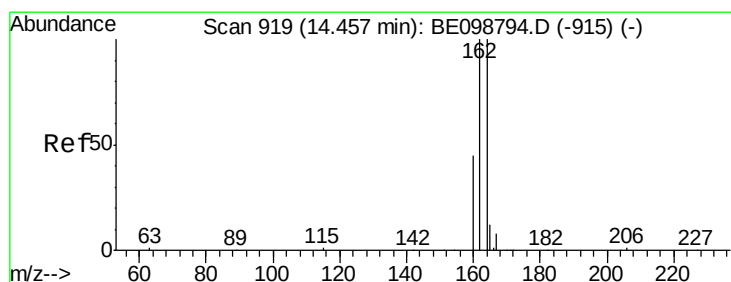
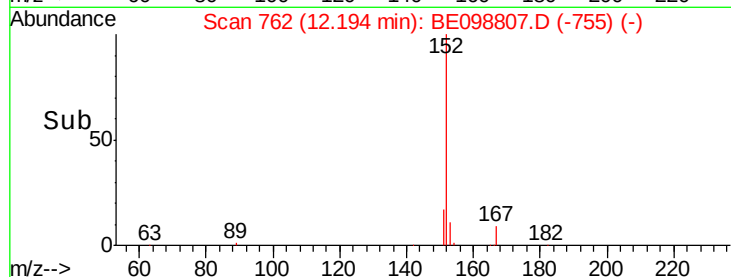
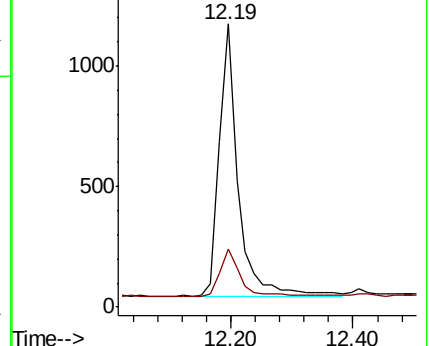
152 100

151 19.0 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: BE098807.D

Acq: 6 Mar 2019 20:41

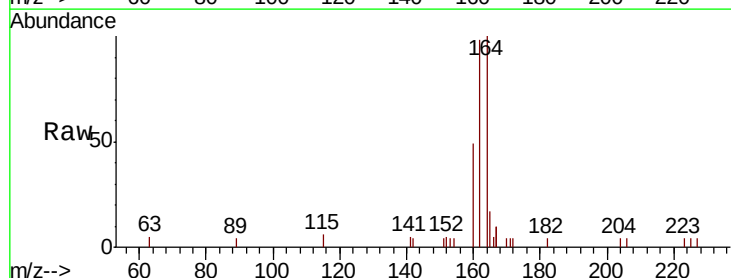
Tgt Ion:164 Resp: 2145

Ion Ratio Lower Upper

164 100

162 98.2 80.2 120.2

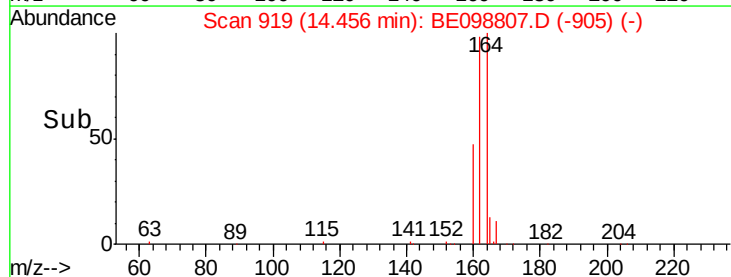
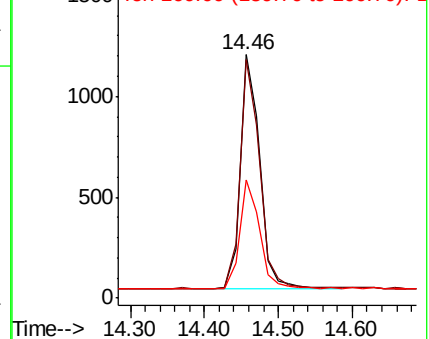
160 48.6 37.8 56.8

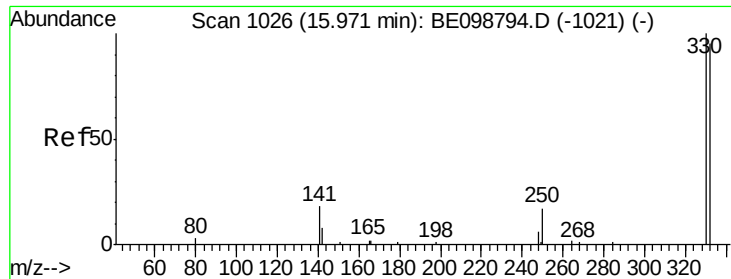


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

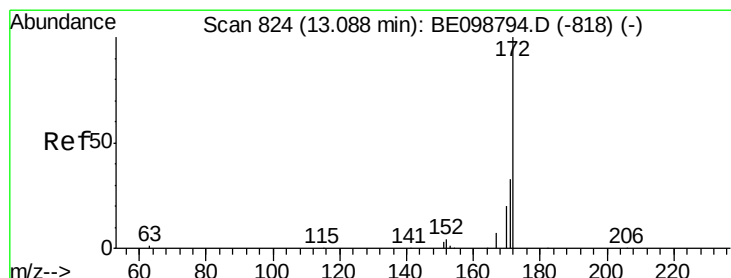
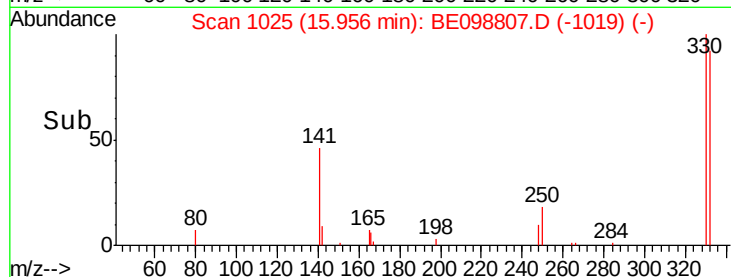
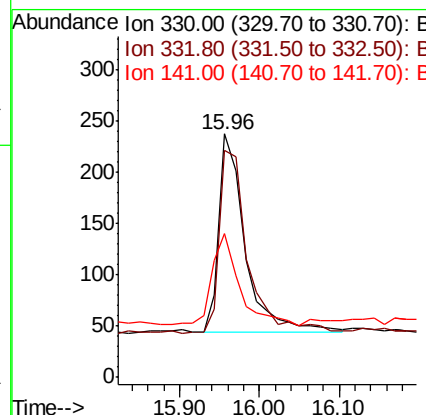
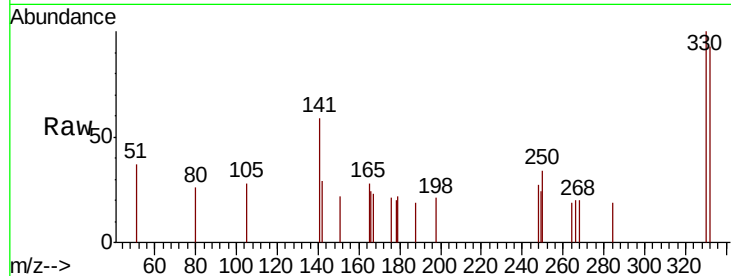




#14
 2,4,6-Tribromophenol
 Concen: 0.413 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE098807.D
 Acq: 6 Mar 2019 20:41

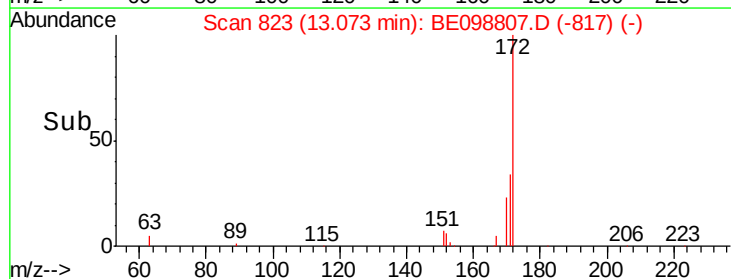
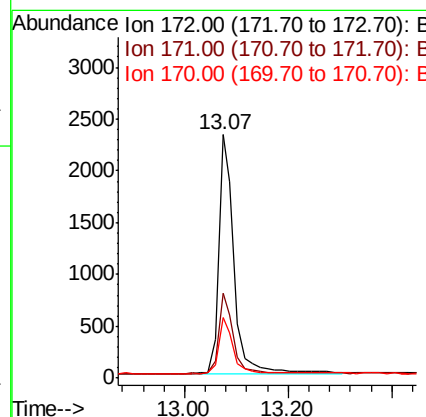
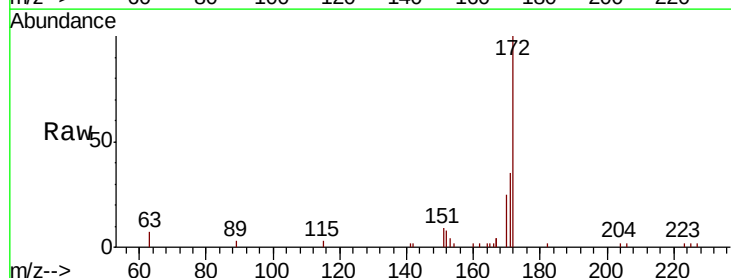
Instrument :
 BNA_E
 ClientSampleId :
 FB-022719

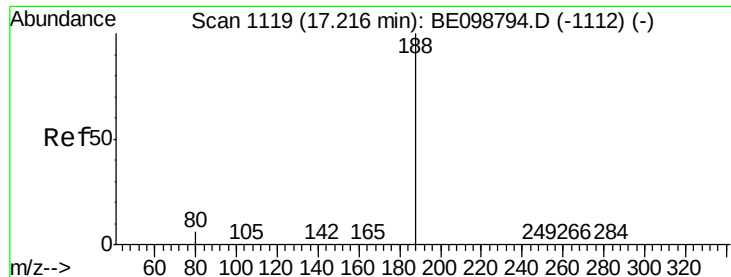
Tgt Ion: 330 Resp: 447
 Ion Ratio Lower Upper
 330 100
 332 101.1 77.6 116.4
 141 47.0 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.536 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE098807.D
 Acq: 6 Mar 2019 20:41

Tgt Ion: 172 Resp: 4756
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.0 42.0
 170 24.7 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: BE098807.D

Acq: 6 Mar 2019 20:41

Instrument :

BNA_E

ClientSampleId :

FB-022719

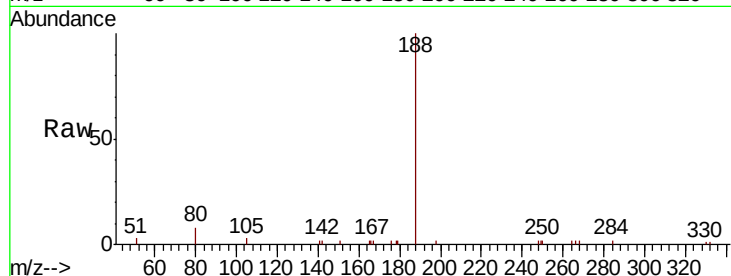
Tgt Ion:188 Resp: 5710

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

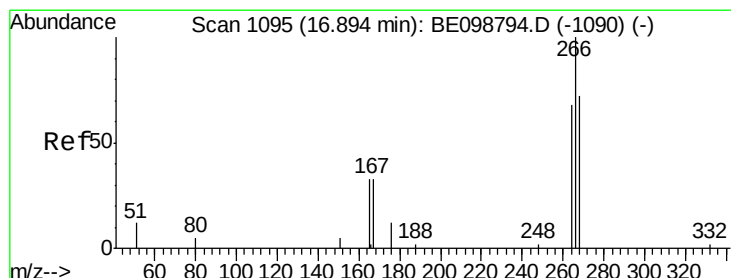
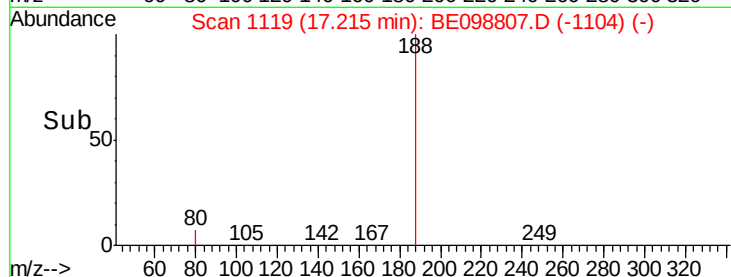
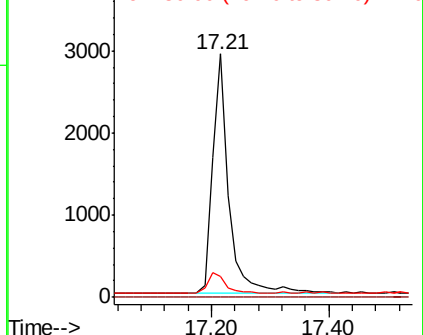
80 8.4 6.3 9.5



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: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098807.D

Acq: 6 Mar 2019 20:41

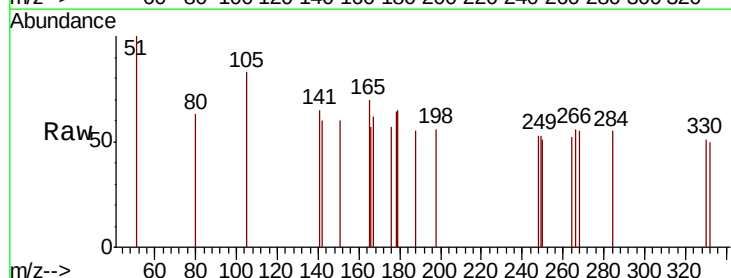
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.8 66.6 100.0

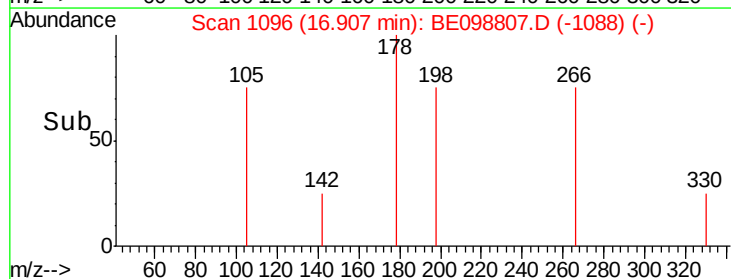
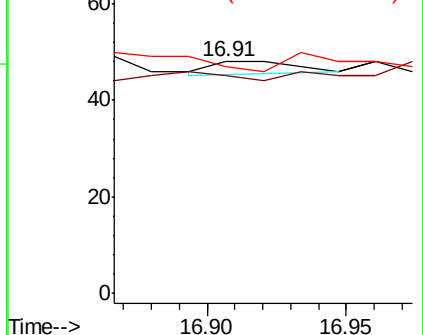
268 97.9 69.8 104.8

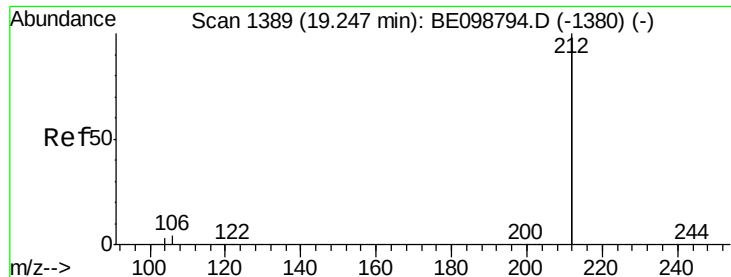


Abundance Ion 266.00 (265.70 to 266.70): E

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: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098807.D

Acq: 6 Mar 2019 20:41

Instrument :

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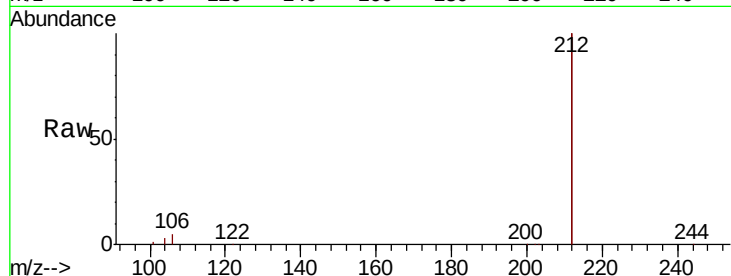
Tgt Ion:212 Resp: 36939

Ion Ratio Lower Upper

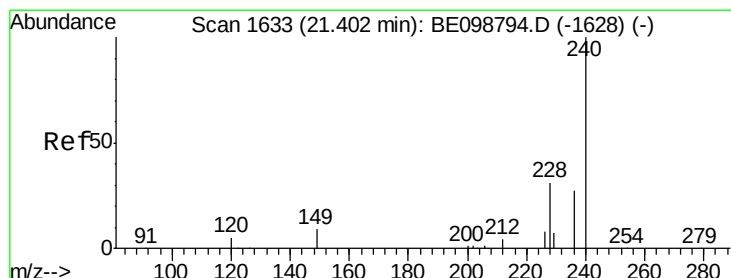
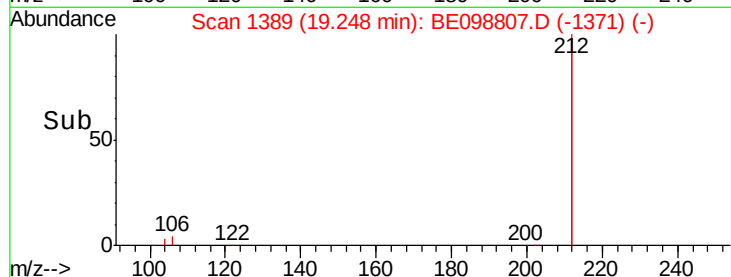
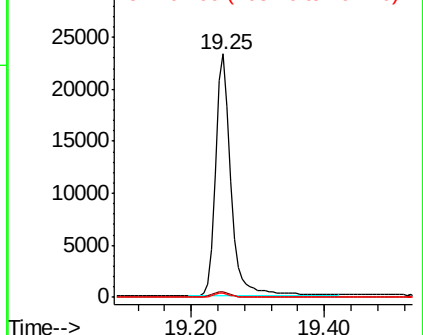
212 100

106 2.3 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: BE098807.D

Acq: 6 Mar 2019 20:41

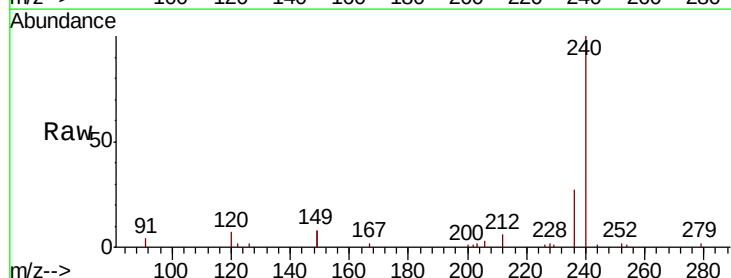
Tgt Ion:240 Resp: 7552

Ion Ratio Lower Upper

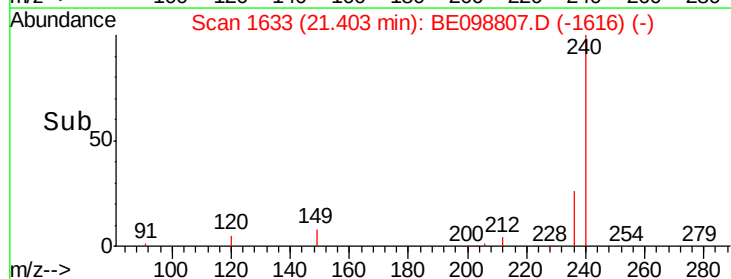
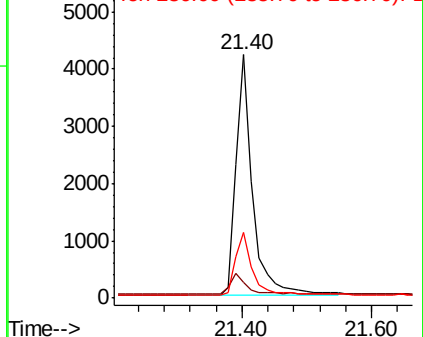
240 100

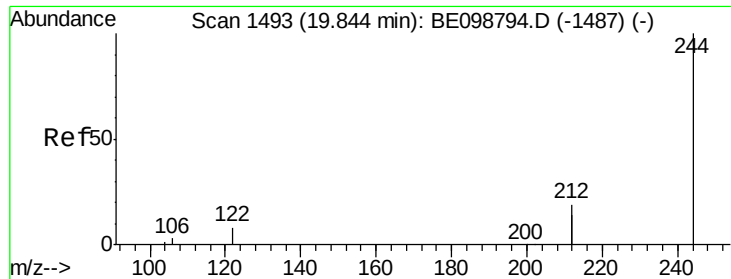
120 6.6 5.0 7.4

236 26.8 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: 0.502 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098807.D

Acq: 6 Mar 2019 20:41

Instrument :

BNA_E

ClientSampleId :

FB-022719

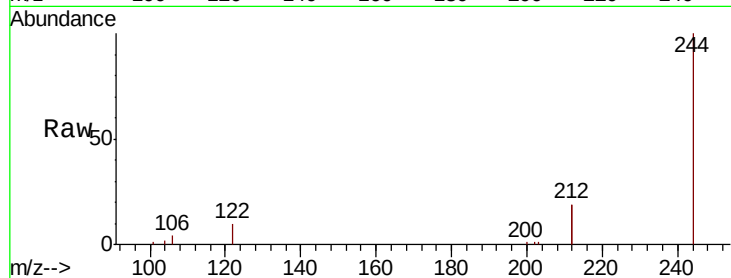
Tgt Ion:244 Resp: 9209

Ion Ratio Lower Upper

244 100

212 37.5 29.4 44.2

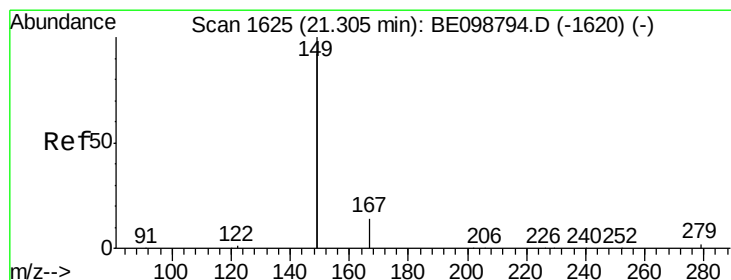
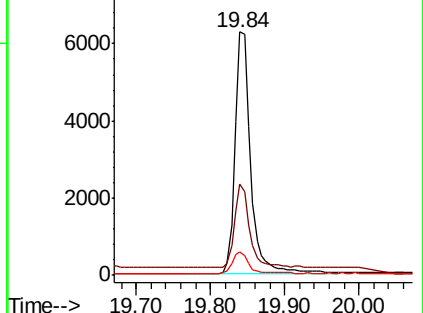
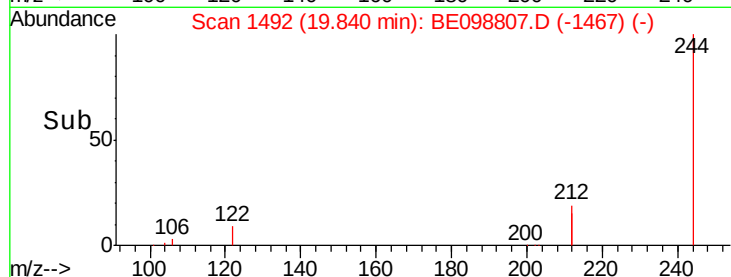
122 9.9 7.1 10.7



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: 0.149 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE098807.D

Acq: 6 Mar 2019 20:41

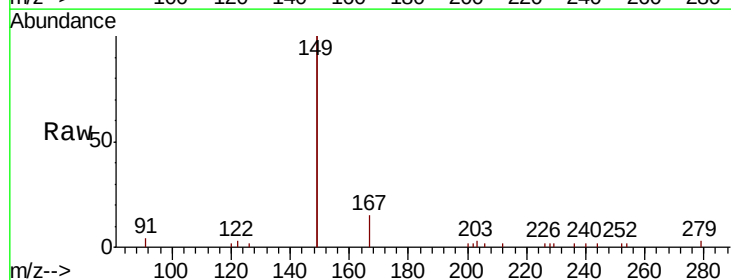
Tgt Ion:149 Resp: 7460

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

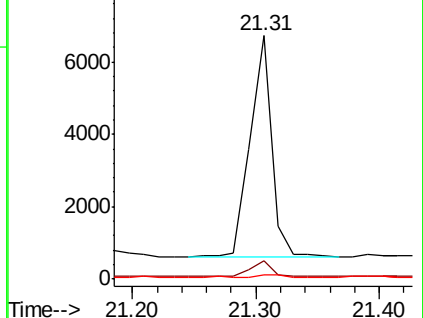
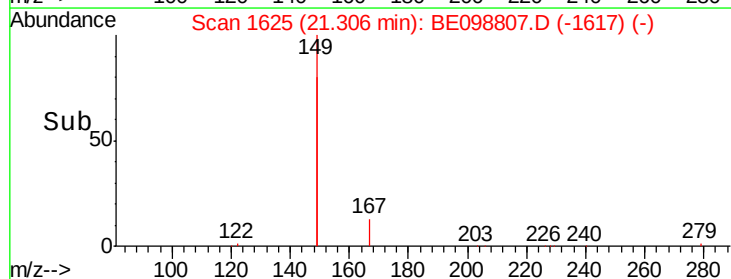
279 1.3 1.0 1.4

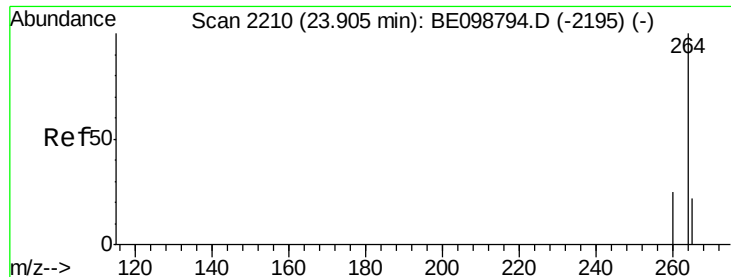


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.90 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BE098807.D

Acq: 6 Mar 2019 20:41

Instrument :

BNA_E

ClientSampleId :

FB-022719

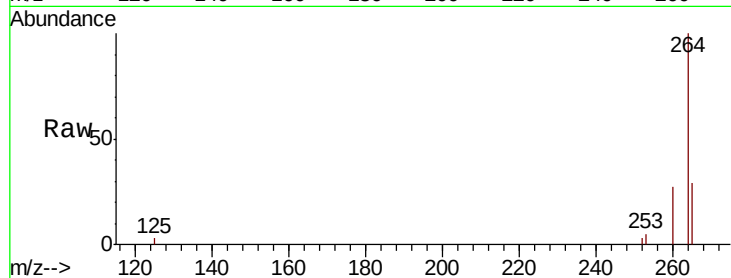
Tgt Ion:264 Resp: 7111

Ion Ratio Lower Upper

264 100

260 27.0 21.2 31.8

265 29.1 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

