

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098939.D
 Acq On : 14 Mar 2019 10:48
 Operator : JU/SJ
 Sample : K1860-02RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB01-20190311

Quant Time: Mar 15 05:30:41 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

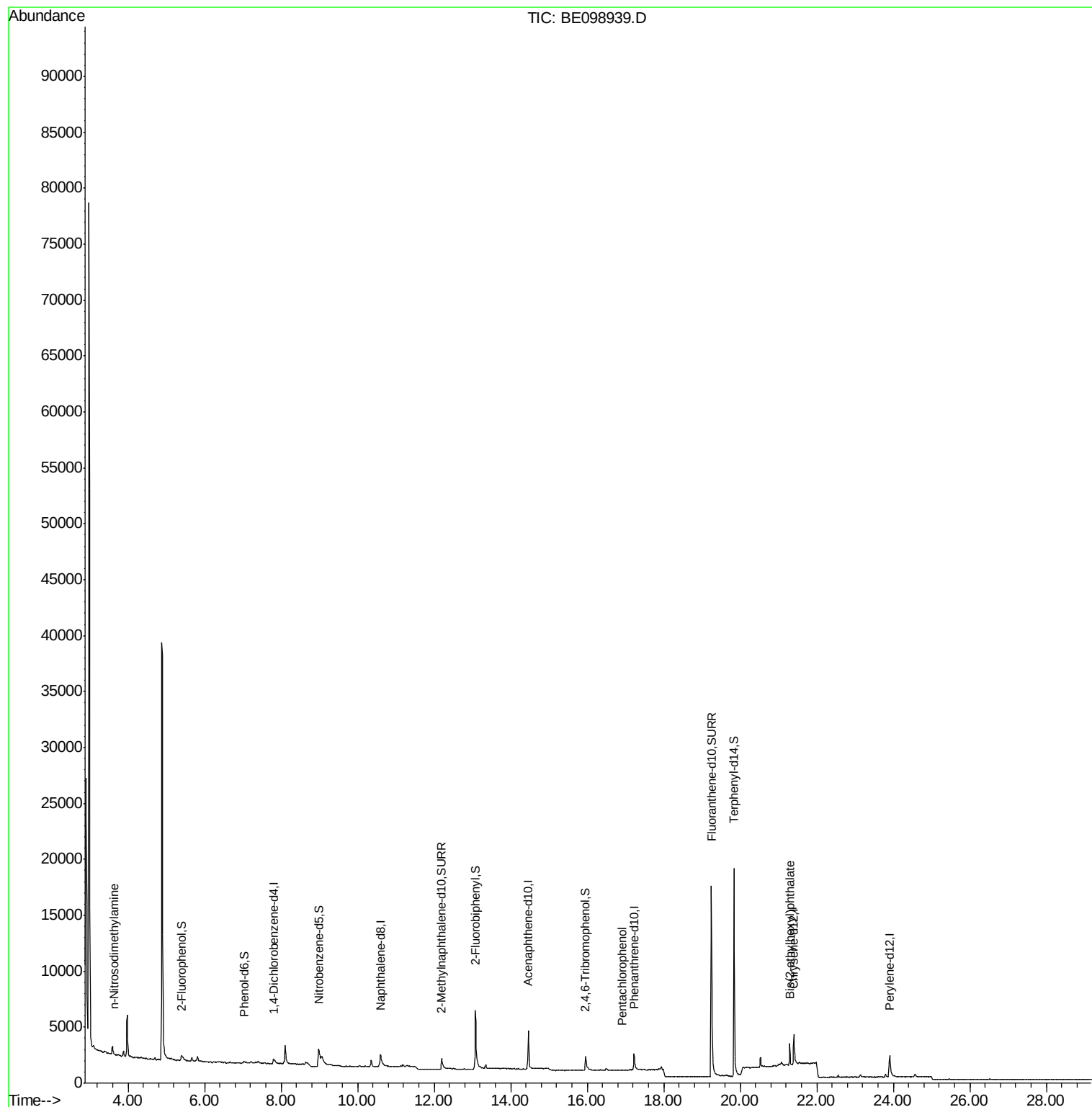
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	455	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2155	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	1545	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	3655	0.40	ng	0.00
27) Chrysene-d12	21.40	240	4148	0.40	ng	0.00
34) Perylene-d12	23.90	264	3818	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	583	0.43	ng	0.01
5) Phenol-d6	7.03	99	492	0.26	ng	0.05
8) Nitrobenzene-d5	8.98	82	1698	0.75	ng	0.01
11) 2-Methylnaphthalene-d10	12.20	152	2307	0.58	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1276	1.64	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	8181	1.28	ng	-0.01
25) Fluoranthene-d10	19.24	212	31199	0.53	ng	0.00
29) Terphenyl-d14	19.83	244	19008	1.89	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.64	42	36	0.031	ng	Qvalue # 27
22) Pentachlorophenol	16.91	266	11	0.278	ng	86
32) Bis(2-ethylhexyl)phthalate	21.29	149	2283	0.083	ng	# 99

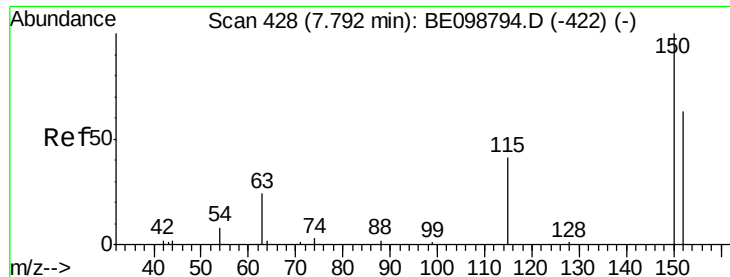
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 15 04:48:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098939.D

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Instrument :

BNA_E

ClientSampleId :

FB01-20190311

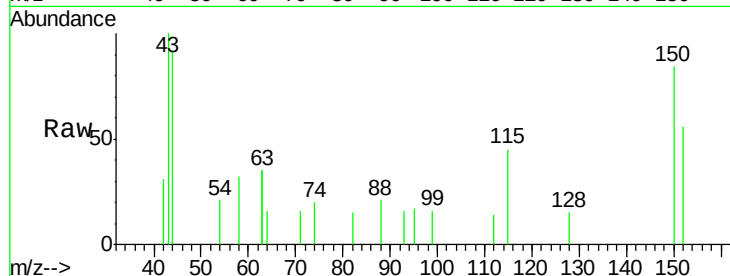
Tgt Ion: 152 Resp: 455

Ion Ratio Lower Upper

152 100

150 150.0 122.5 183.7

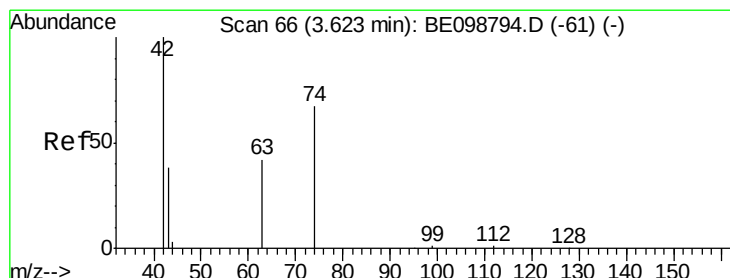
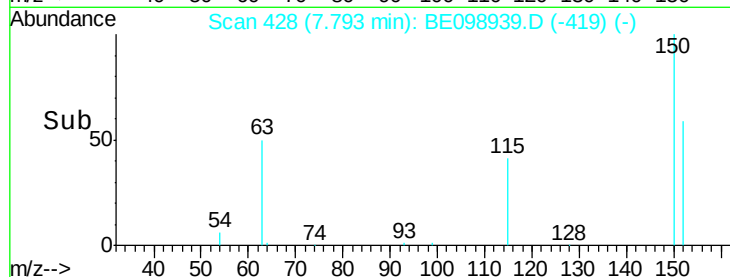
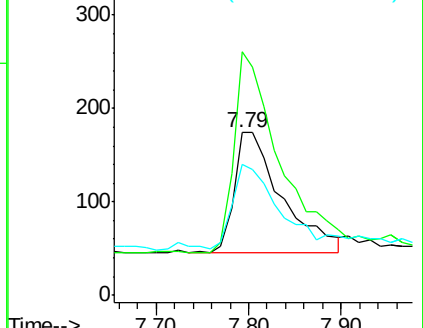
115 80.5 57.4 86.2



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: 0.031 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.01 min

Lab File: BE098939.D

Acq: 14 Mar 2019 10:48

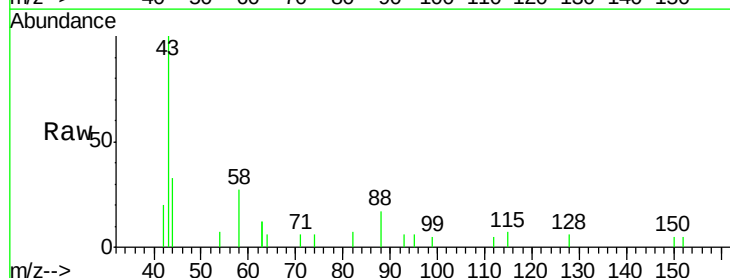
Tgt Ion: 42 Resp: 36

Ion Ratio Lower Upper

42 100

74 11.1 57.0 85.4#

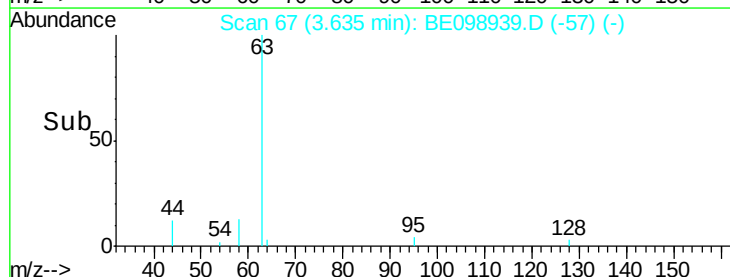
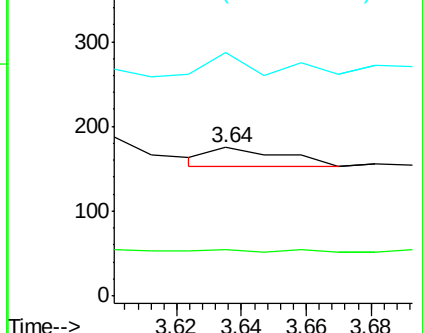
44 94.4 0.0 0.0#

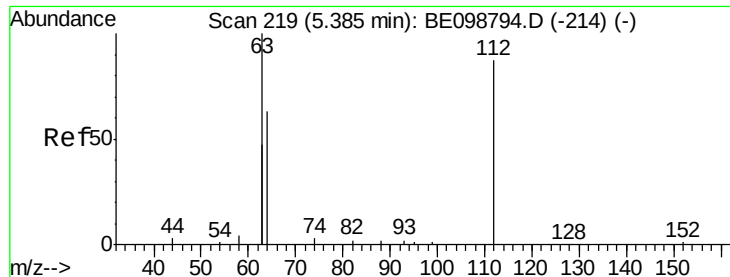


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.429 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098939.D

Acq: 14 Mar 2019 10:48

Instrument :

BNA_E

ClientSampleId :

FB01-20190311

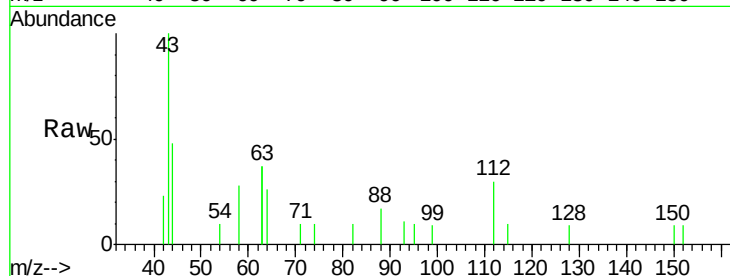
Tgt Ion: 112 Resp: 583

Ion Ratio Lower Upper

112 100

64 86.6 57.9 86.9

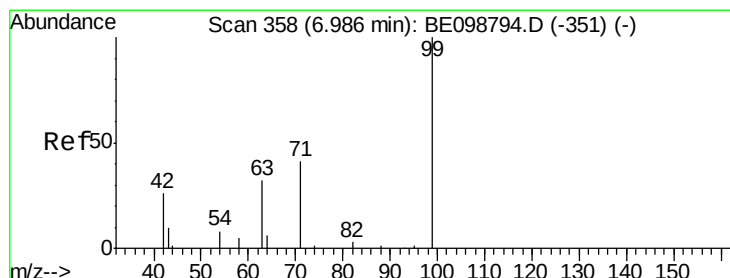
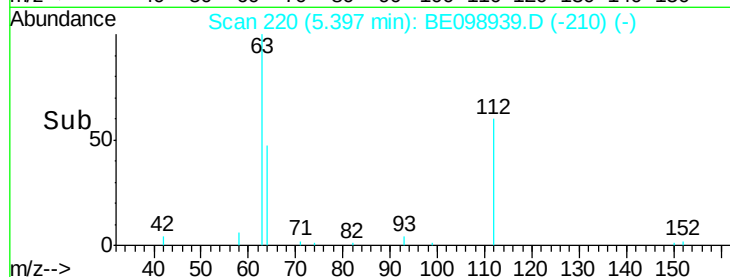
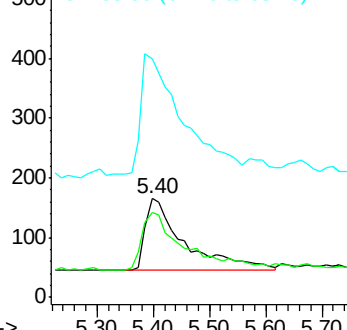
63 175.6 158.3 237.5



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: 0.256 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.05 min

Lab File: BE098939.D

Acq: 14 Mar 2019 10:48

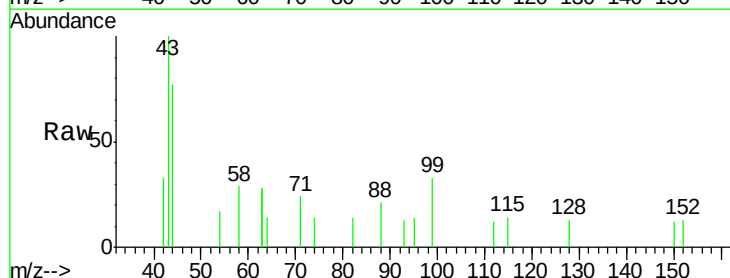
Tgt Ion: 99 Resp: 492

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

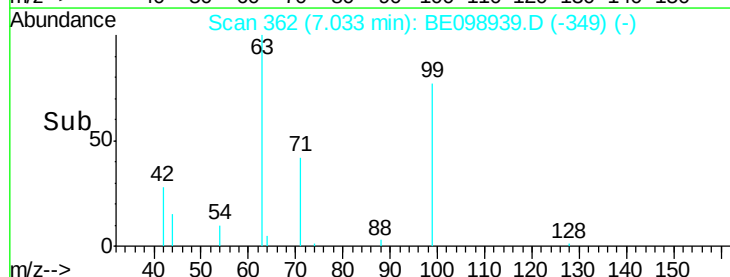
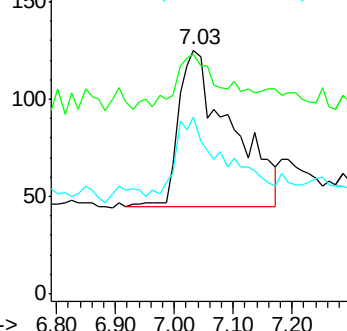
71 46.5 35.7 53.5

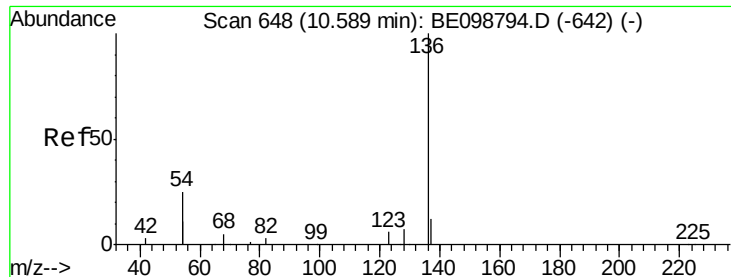


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098939.D

Acq: 14 Mar 2019 10:48

Instrument :

BNA_E

ClientSampleId :

FB01-20190311

Tgt Ion: 136 Resp: 2155

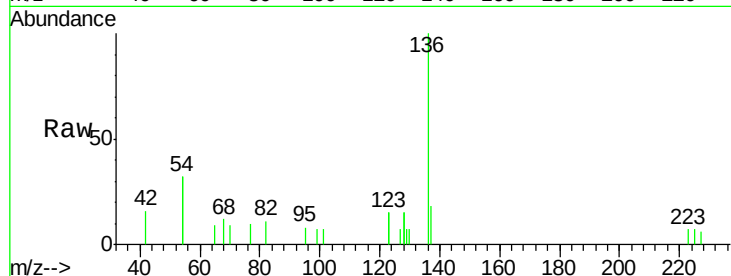
Ion Ratio Lower Upper

136 100

137 17.6 11.4 17.0#

54 64.9 39.3 58.9#

68 11.7 6.7 10.1#

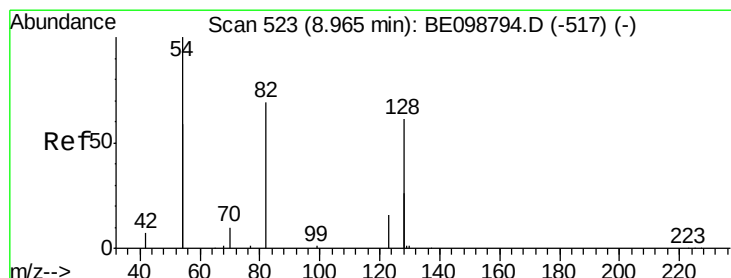
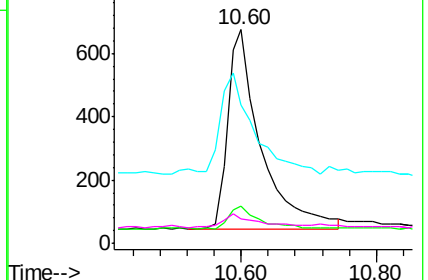
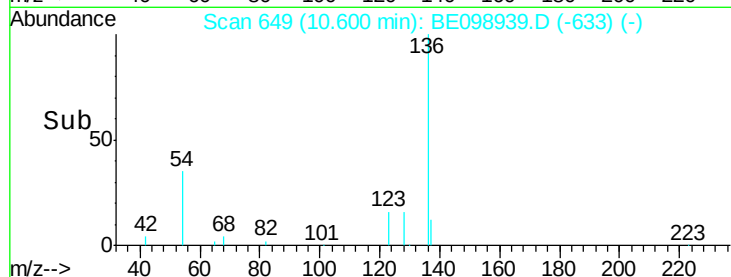


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.751 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098939.D

Acq: 14 Mar 2019 10:48

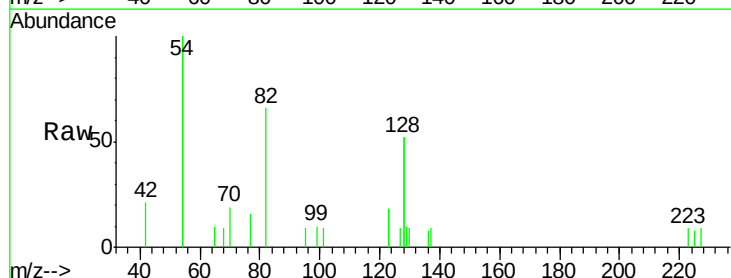
Tgt Ion: 82 Resp: 1698

Ion Ratio Lower Upper

82 100

128 156.6 123.8 185.8

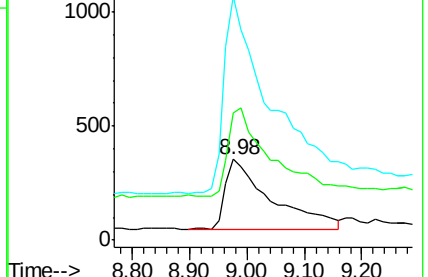
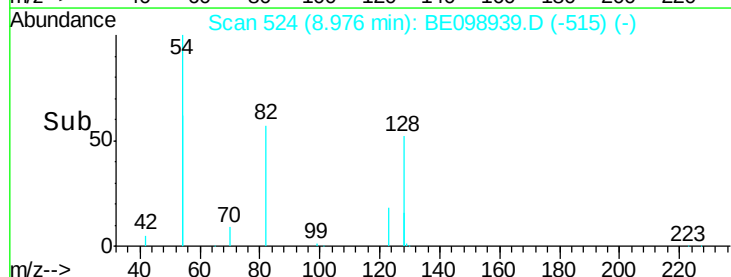
54 300.8 203.4 305.2

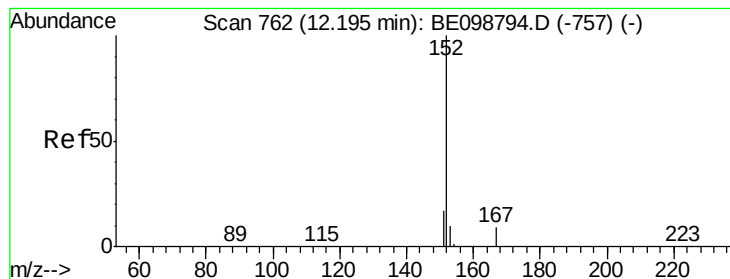


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

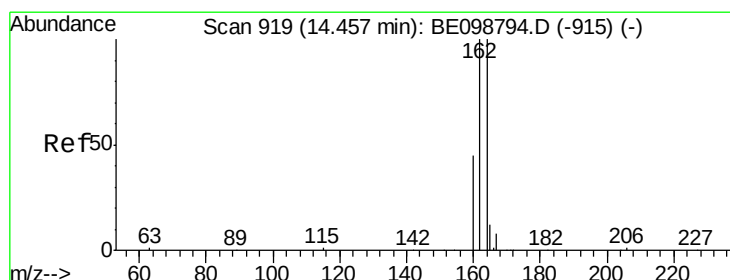
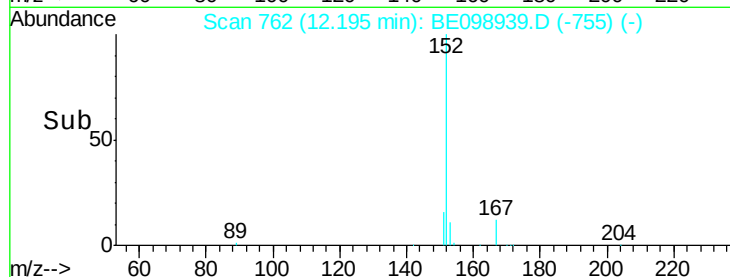
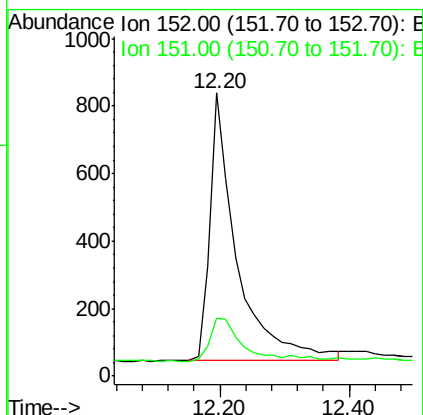
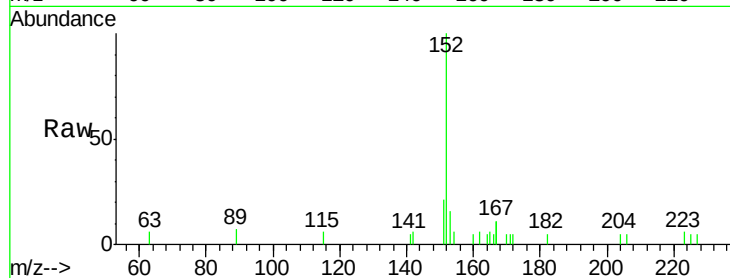




#11
 2-Methylnaphthalene-d10
 Concen: 0.579 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE098939.D
 Acq: 14 Mar 2019 10:48

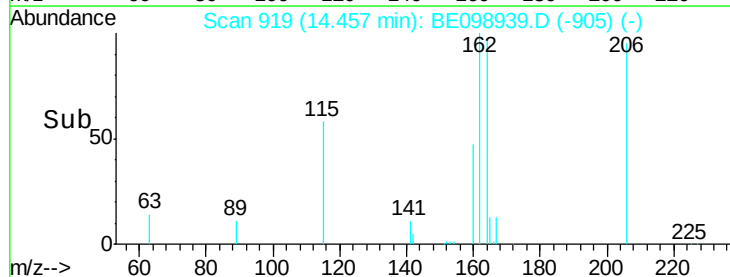
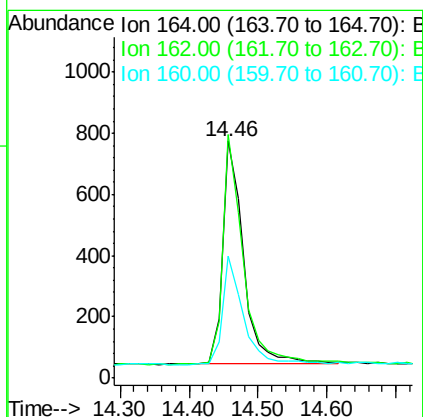
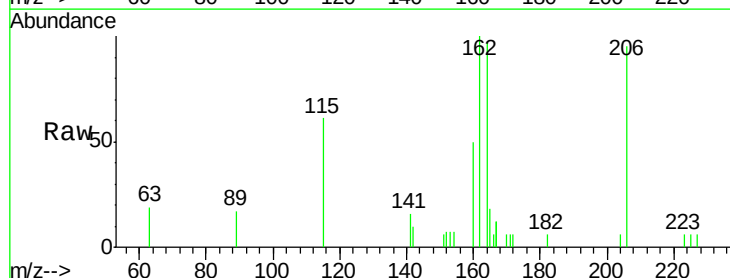
Instrument :
 BNA_E
 ClientSampleId :
 FB01-20190311

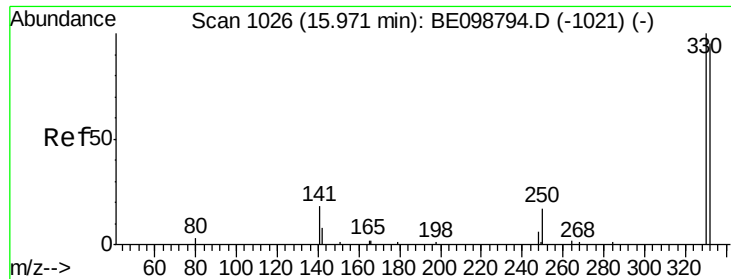
Tgt Ion: 152 Resp: 2307
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE098939.D
 Acq: 14 Mar 2019 10:48

Tgt Ion: 164 Resp: 1545
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.2 120.2
 160 51.4 37.8 56.8

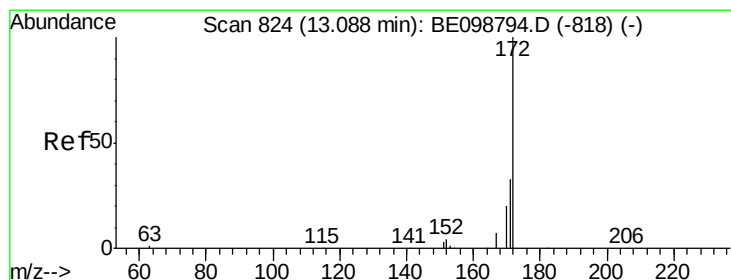
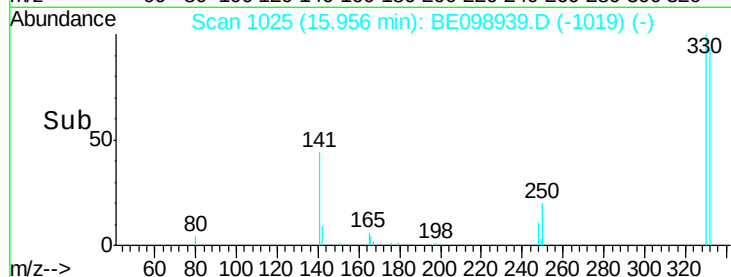
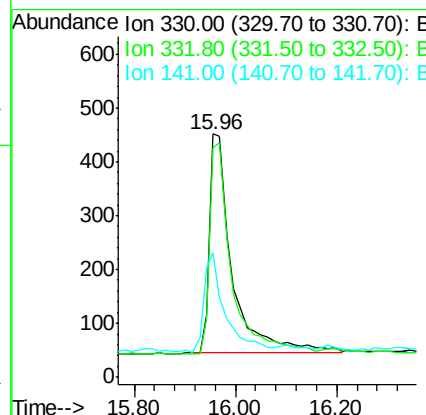
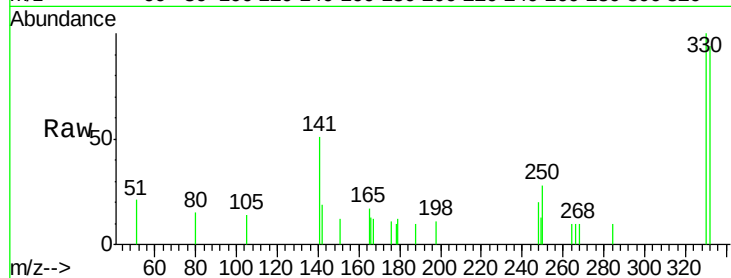




#14
 2,4,6-Tribromophenol
 Concen: 1.636 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE098939.D
 Acq: 14 Mar 2019 10:48

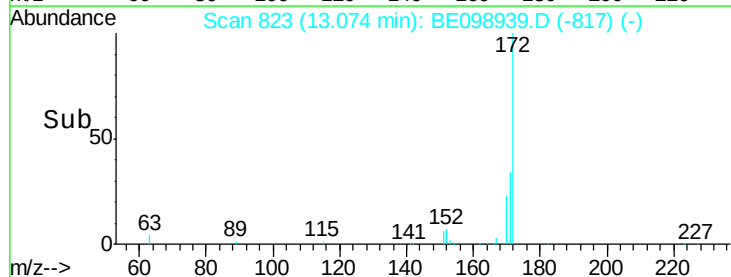
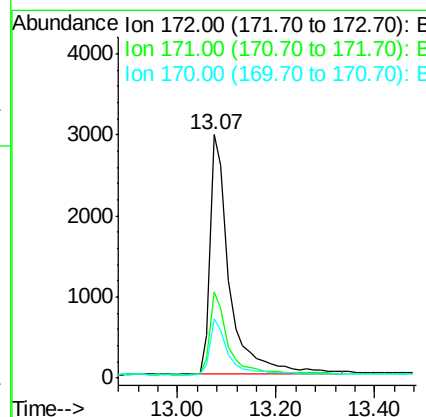
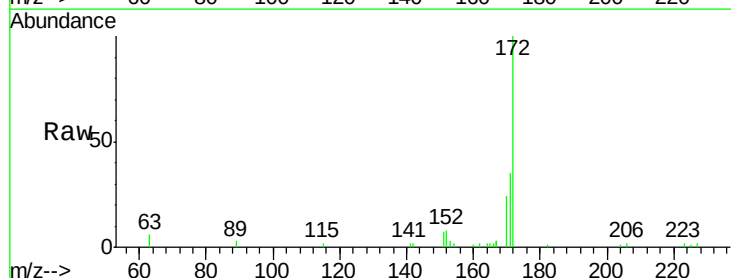
Instrument :
 BNA_E
 ClientSampleId :
 FB01-20190311

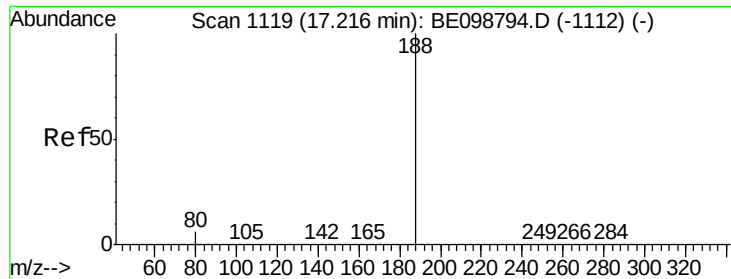
Tgt Ion: 330 Resp: 1276
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.6 116.4
 141 43.5 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 1.279 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE098939.D
 Acq: 14 Mar 2019 10:48

Tgt Ion: 172 Resp: 8181
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.0 42.0
 170 24.4 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: BE098939.D

Acq: 14 Mar 2019 10:48

Instrument :

BNA_E

ClientSampleId :

FB01-20190311

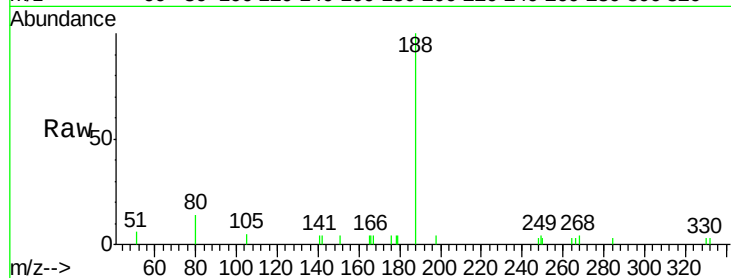
Tgt Ion:188 Resp: 3655

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

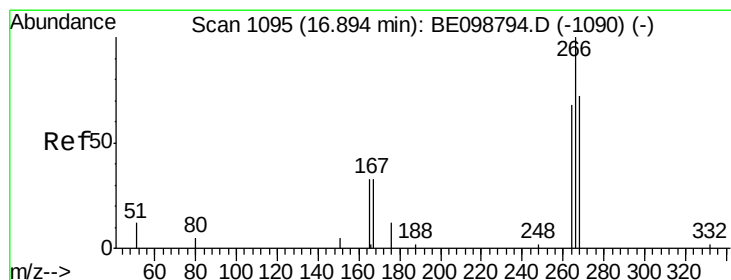
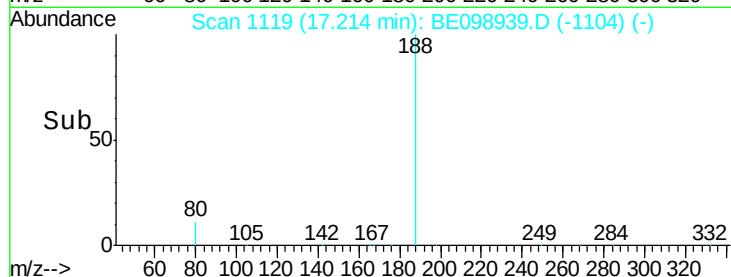
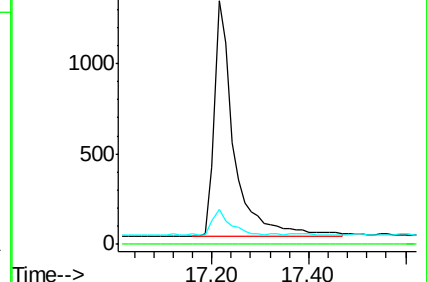
80 14.3 6.3 9.5#



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: 0.278 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098939.D

Acq: 14 Mar 2019 10:48

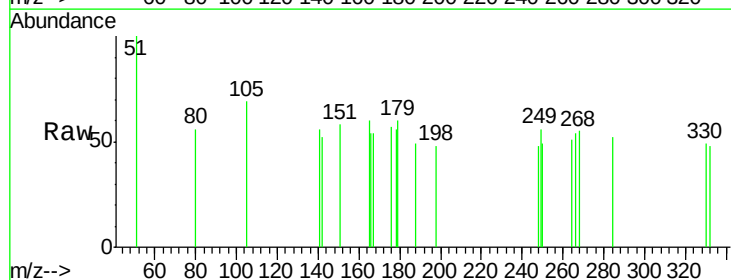
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 93.9 66.6 100.0

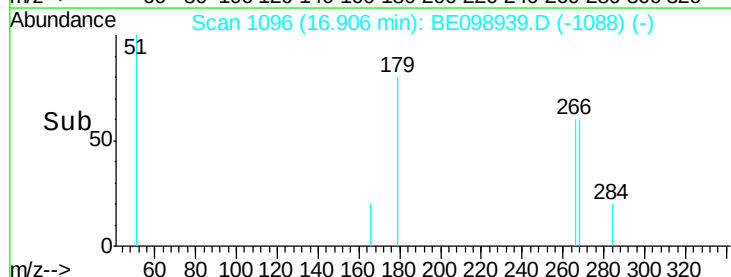
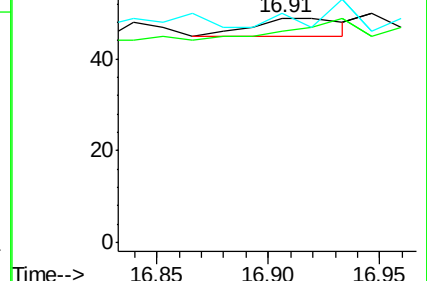
268 102.0 69.8 104.8

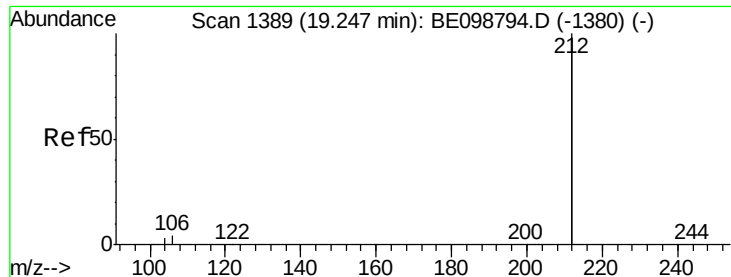


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.535 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE098939.D

Acq: 14 Mar 2019 10:48

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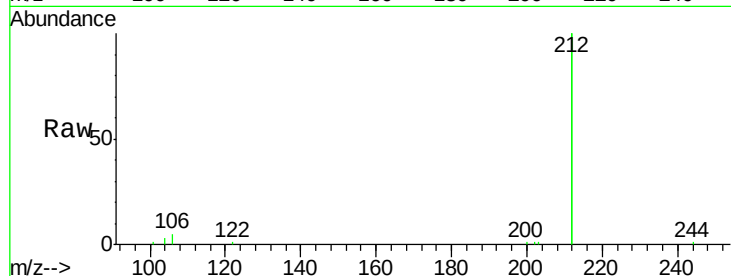
Tgt Ion:212 Resp: 31199

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

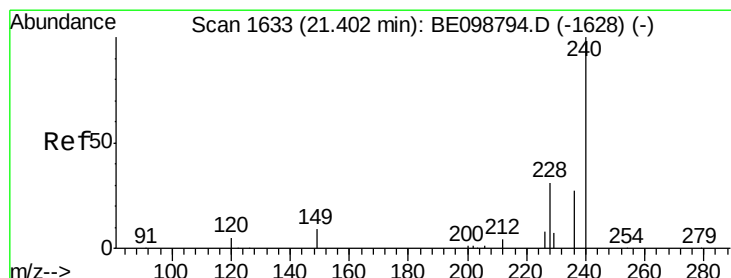
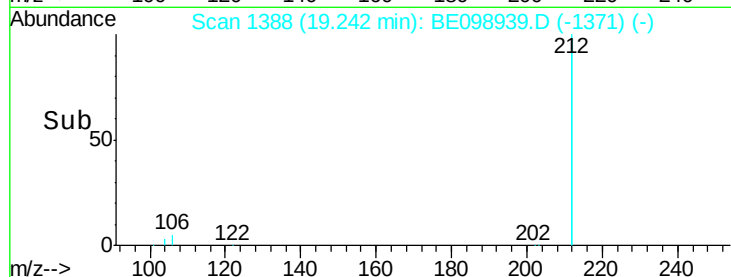
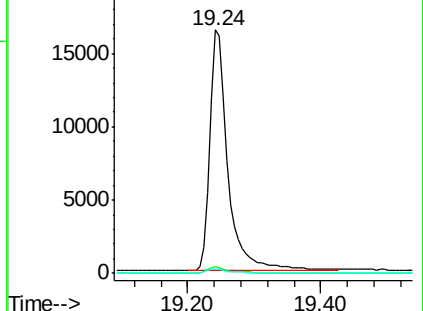
104 1.3 1.0 1.6



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: BE098939.D

Acq: 14 Mar 2019 10:48

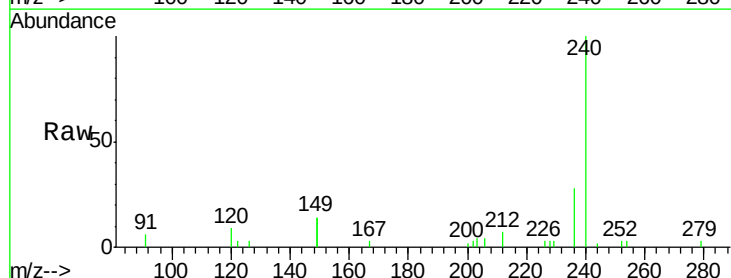
Tgt Ion:240 Resp: 4148

Ion Ratio Lower Upper

240 100

120 8.9 5.0 7.4#

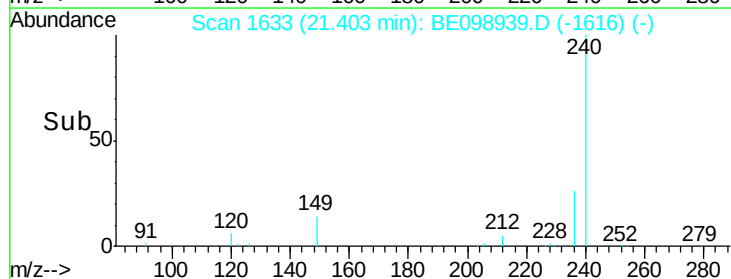
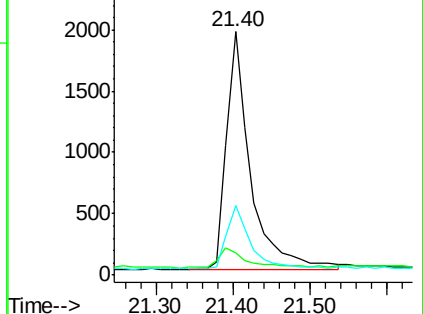
236 28.3 22.7 34.1

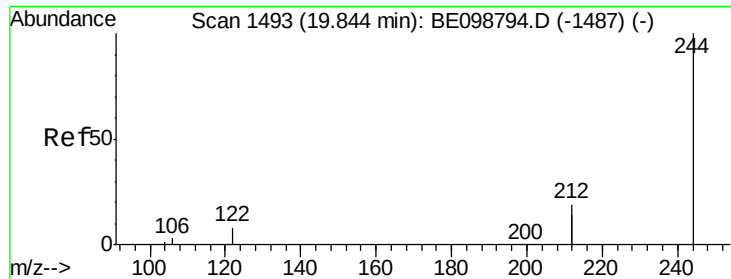


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 1.886 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE098939.D

Acq: 14 Mar 2019 10:48

Instrument :

BNA_E

ClientSampleId :

FB01-20190311

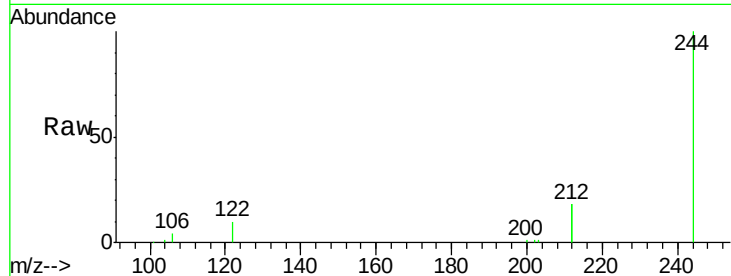
Tgt Ion:244 Resp: 19008

Ion Ratio Lower Upper

244 100

212 36.1 29.4 44.2

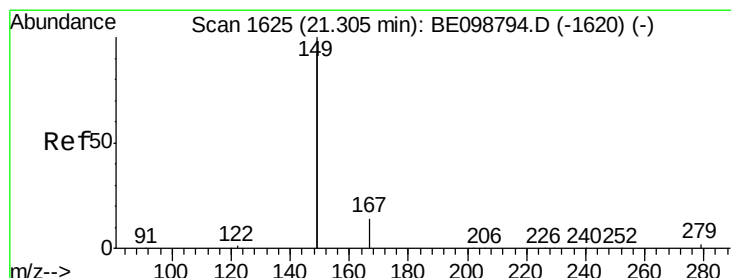
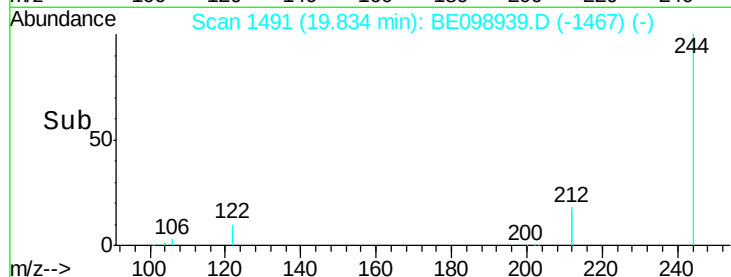
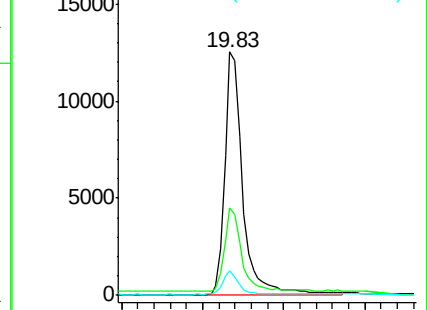
122 9.9 7.1 10.7



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: 0.083 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098939.D

Acq: 14 Mar 2019 10:48

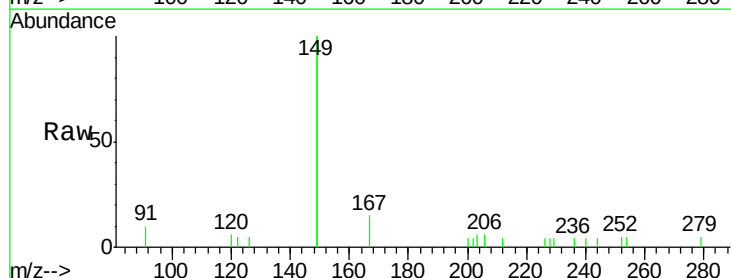
Tgt Ion:149 Resp: 2283

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

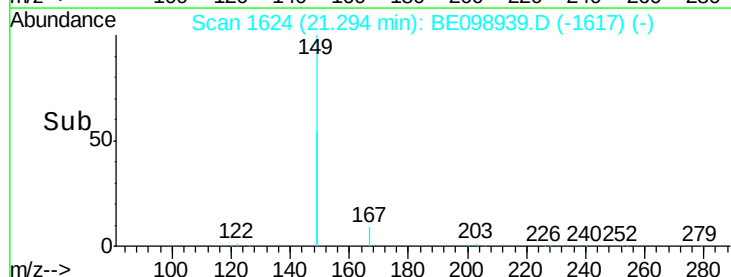
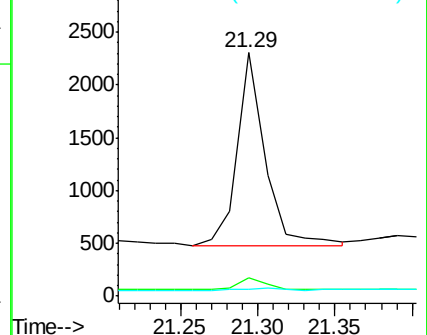
279 1.8 1.0 1.4#

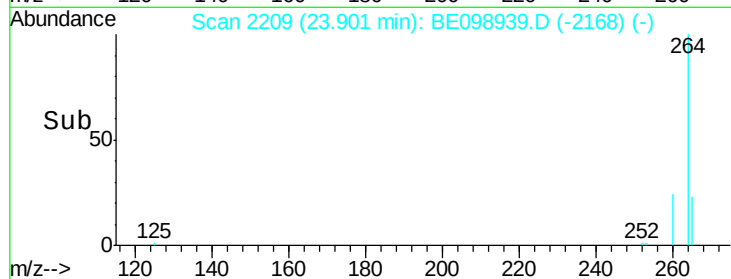
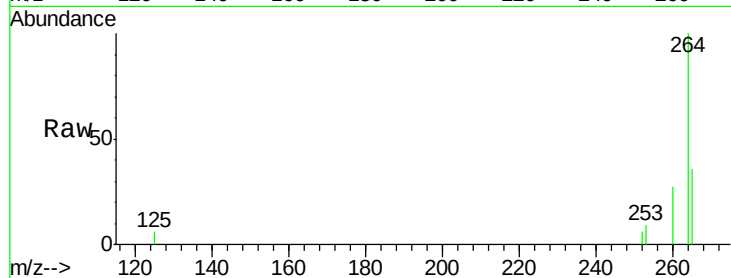
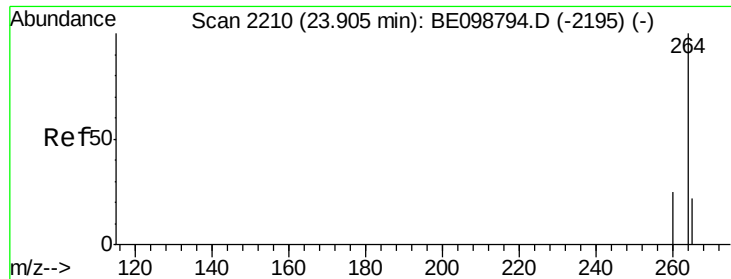


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE098939.D

Acq: 14 Mar 2019 10:48

Instrument :

BNA_E

ClientSampleId :

FB01-20190311

Tgt Ion: 264 Resp: 3818

Ion Ratio Lower Upper

264 100

260 26.8 21.2 31.8

265 36.1 24.6 36.8

