

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030719\
 Data File : BE098825.D
 Acq On : 7 Mar 2019 18:04
 Operator : JU/SJ
 Sample : K1659-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M1-T5-OZ(POST)

Quant Time: Mar 08 03:35:51 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	948	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3904	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2547	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6333	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8357	0.40	ng	0.00
34) Perylene-d12	23.90	264	8211	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	451	0.16	ng	0.00
5) Phenol-d6	6.99	99	379	0.09	ng	0.00
8) Nitrobenzene-d5	8.97	82	1668	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2789	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	591	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	7295	0.69	ng	-0.01
25) Fluoranthene-d10	19.24	212	41791	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	11092	0.55	ng	0.00

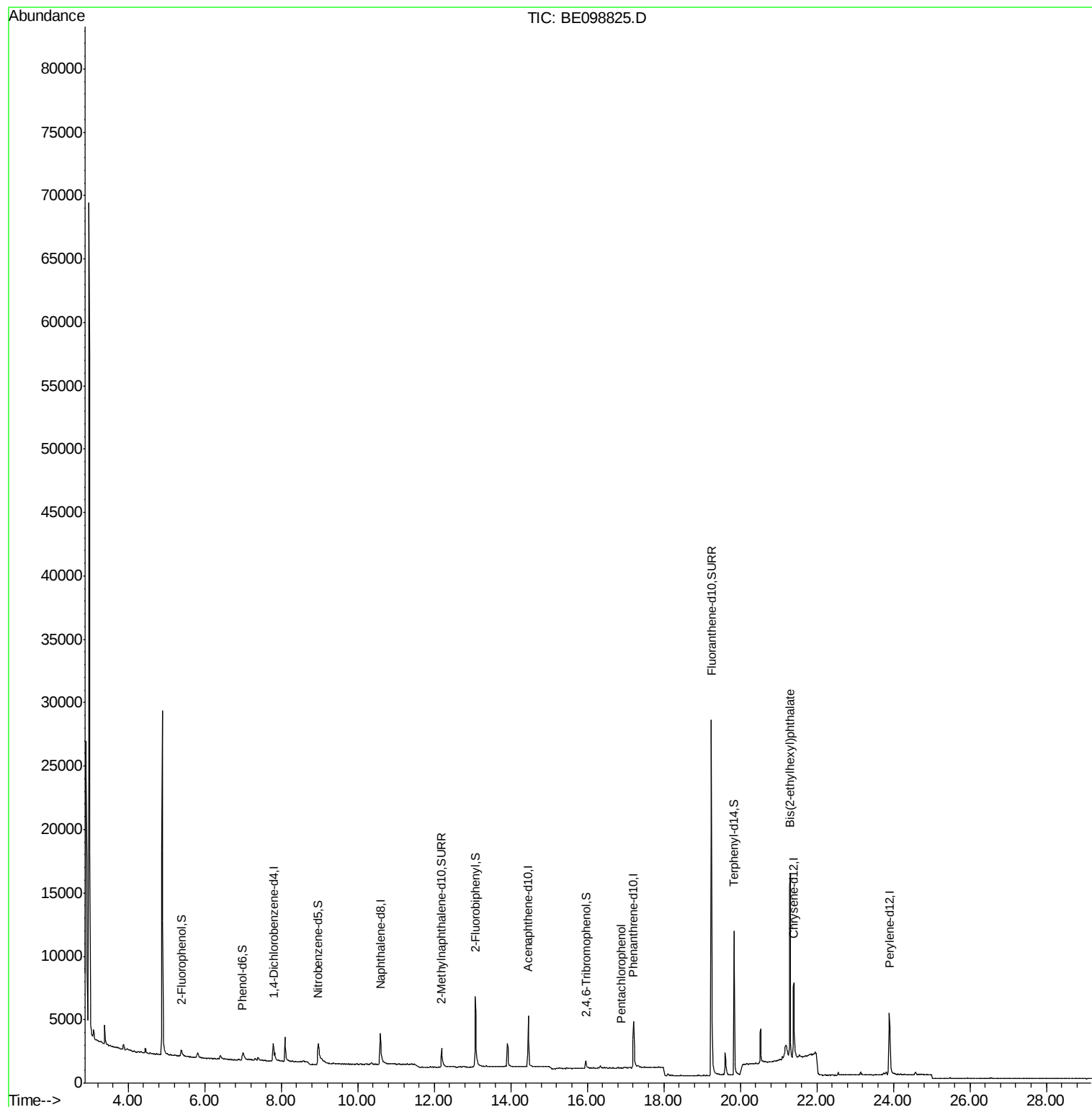
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	68	Below Cal	#	11
22) Pentachlorophenol	16.89	266	9	0.271	ng	# 86
32) Bis(2-ethylhexyl)phthalate	21.31	149	20130	0.363	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098825.D

Acq: 7 Mar 2019 18:04

Instrument :

BNA_E

ClientSampleId :

M1-T5-OZ(POST)

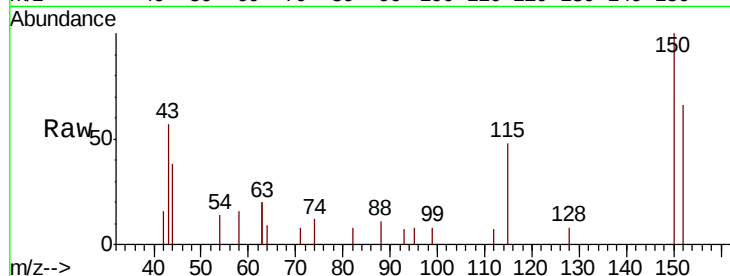
Tgt Ion: 152 Resp: 948

Ion Ratio Lower Upper

152 100

150 151.7 122.5 183.7

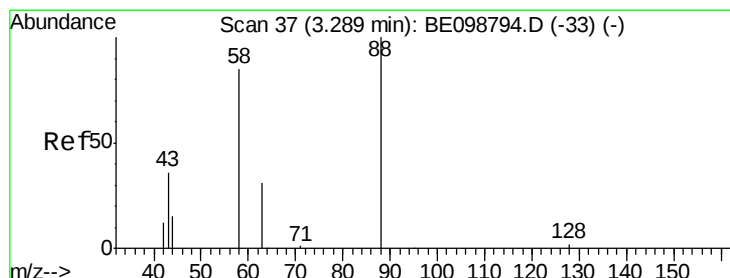
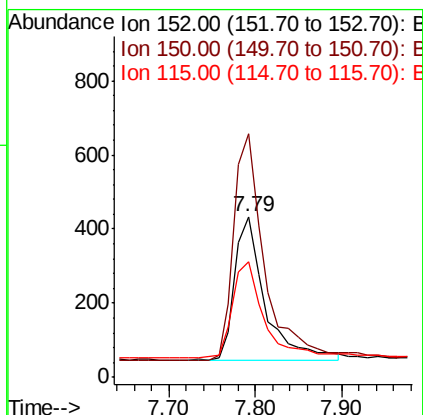
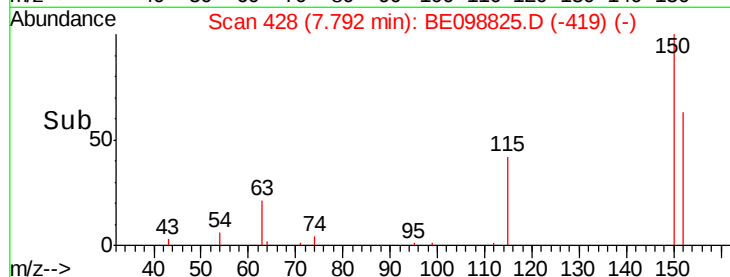
115 72.3 57.4 86.2



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: Below Cal

RT: 3.25 min Scan# 34

Delta R.T. -0.03 min

Lab File: BE098825.D

Acq: 7 Mar 2019 18:04

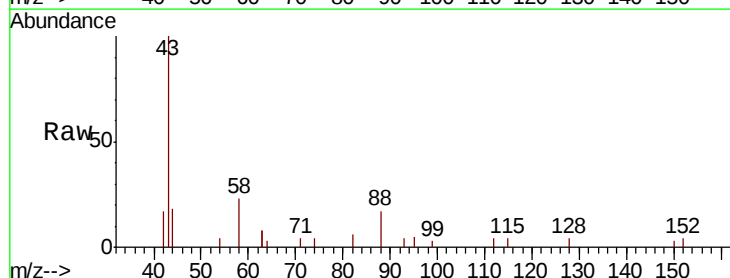
Tgt Ion: 88 Resp: 68

Ion Ratio Lower Upper

88 100

58 0.0 75.8 113.6#

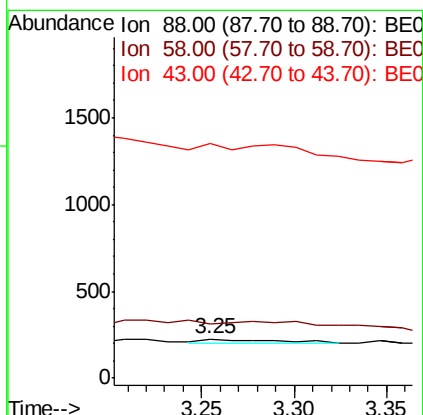
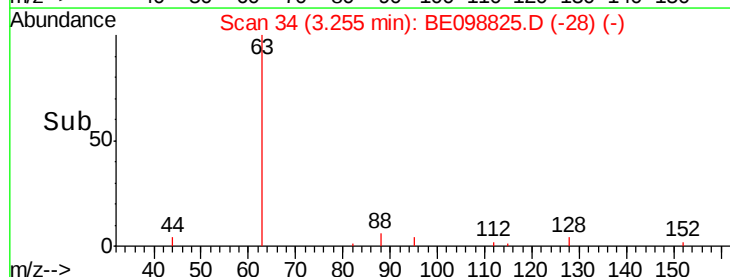
43 0.0 41.8 62.8#

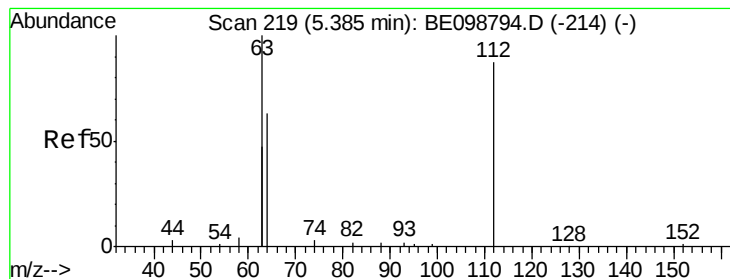


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.159 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE098825.D

Acq: 7 Mar 2019 18:04

Instrument :

BNA_E

ClientSampleId :

M1-T5-OZ(POST)

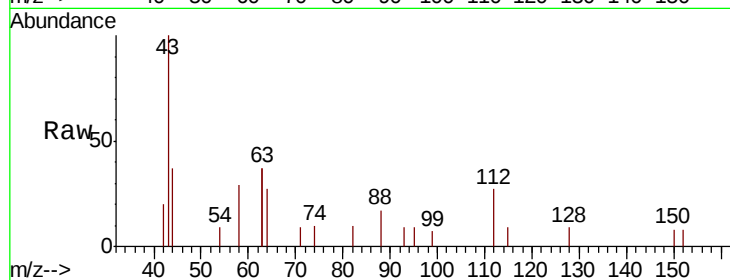
Tgt Ion: 112 Resp: 451

Ion Ratio Lower Upper

112 100

64 91.4 57.9 86.9#

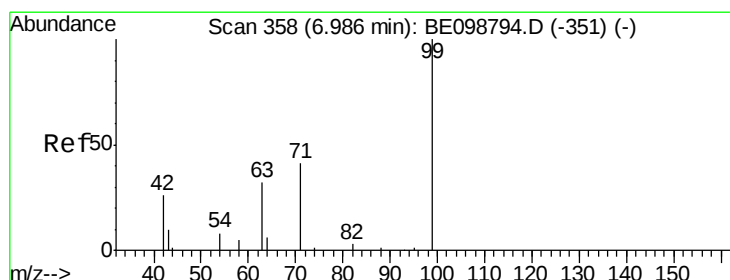
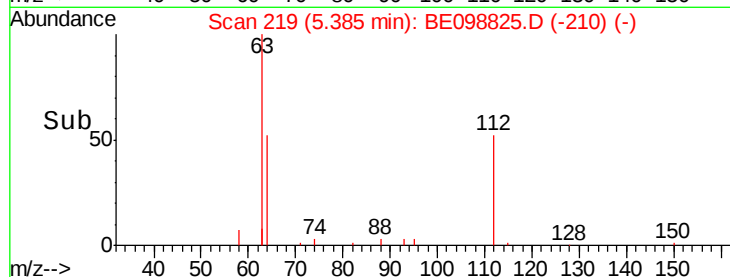
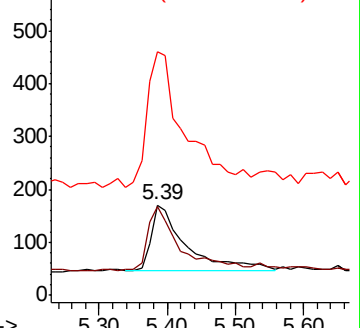
63 218.2 158.3 237.5



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: 0.095 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098825.D

Acq: 7 Mar 2019 18:04

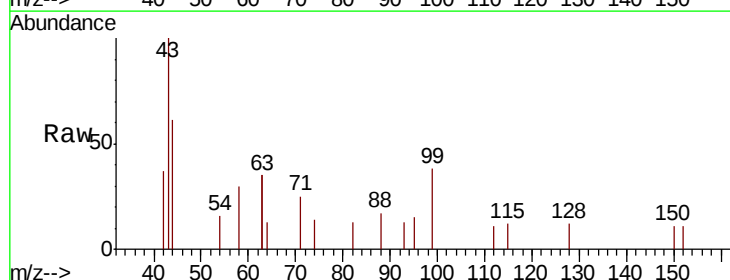
Tgt Ion: 99 Resp: 379

Ion Ratio Lower Upper

99 100

42 60.4 24.2 36.2#

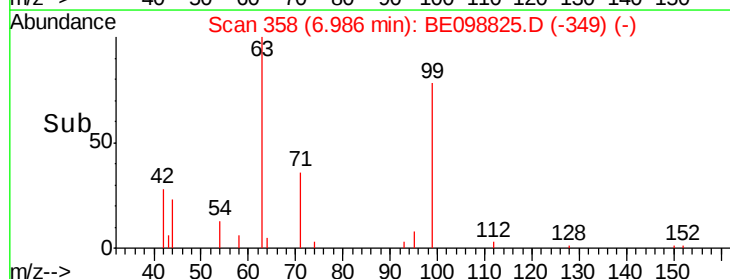
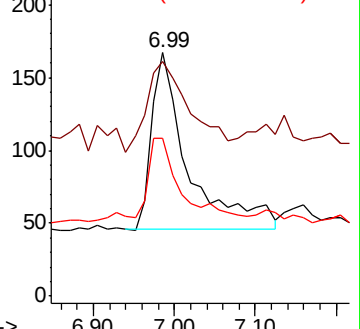
71 44.9 35.7 53.5



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: BE098825.D

Acq: 7 Mar 2019 18:04

Instrument :

BNA_E

ClientSampleId :

M1-T5-OZ(POST)

Tgt Ion:136 Resp: 3904

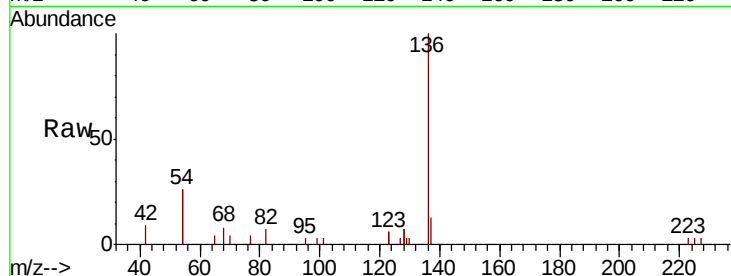
Ion Ratio Lower Upper

136 100

137 12.9 11.4 17.0

54 53.0 39.3 58.9

68 8.2 6.7 10.1

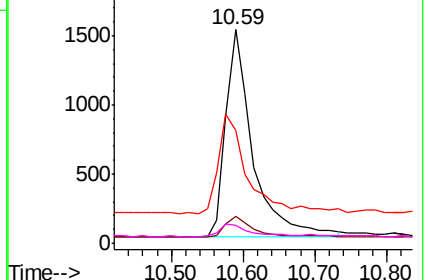
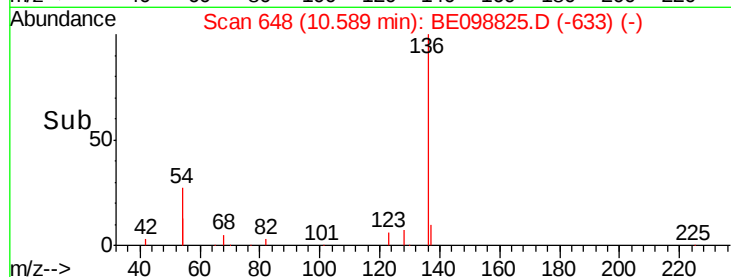


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.407 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE098825.D

Acq: 7 Mar 2019 18:04

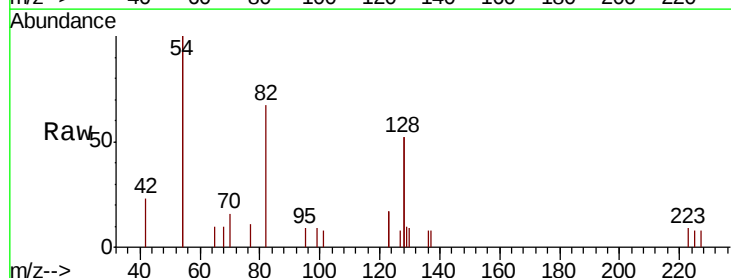
Tgt Ion: 82 Resp: 1668

Ion Ratio Lower Upper

82 100

128 154.0 123.8 185.8

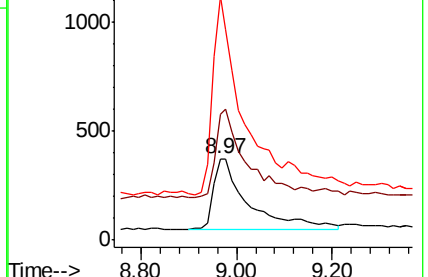
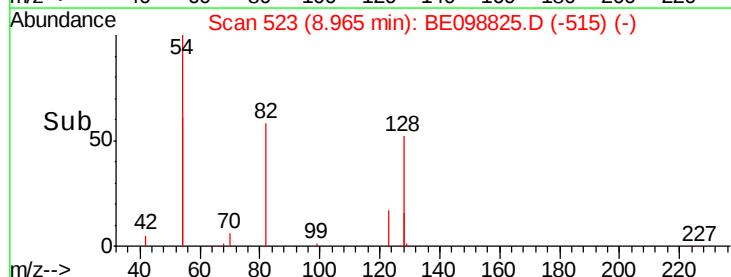
54 297.9 203.4 305.2

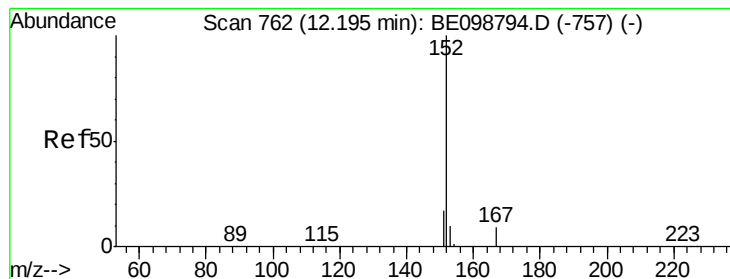


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE098825.D

Acq: 7 Mar 2019 18:04

Instrument :

BNA_E

ClientSampleId :

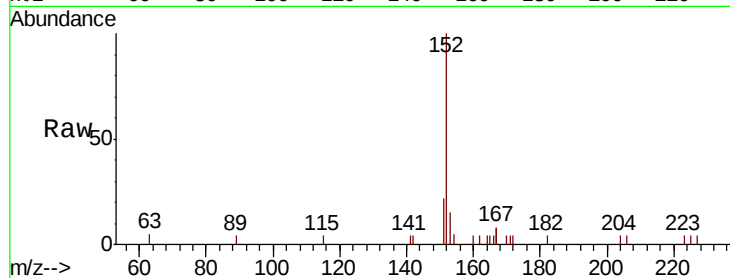
M1-T5-OZ(POST)

Tgt Ion:152 Resp: 2789

Ion Ratio Lower Upper

152 100

151 19.8 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

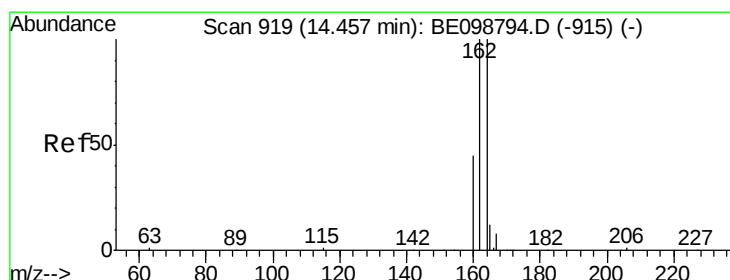
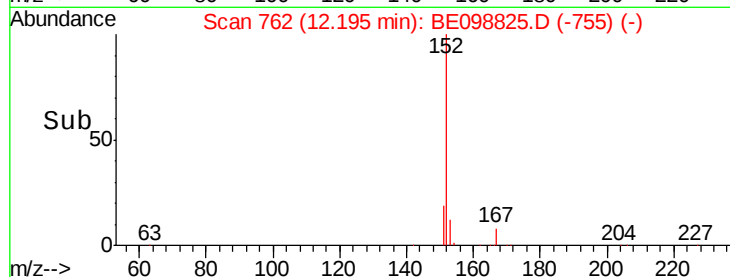
12.19

1000

500

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE098825.D

Acq: 7 Mar 2019 18:04

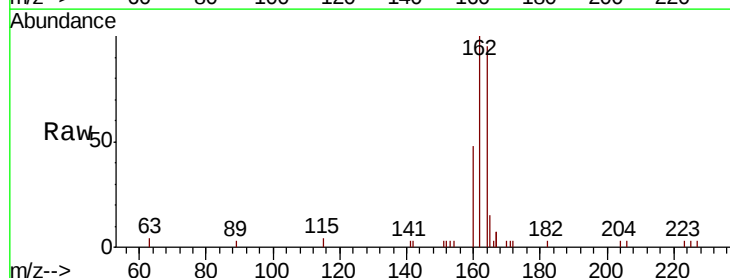
Tgt Ion:164 Resp: 2547

Ion Ratio Lower Upper

164 100

162 105.2 80.2 120.2

160 50.8 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

2000

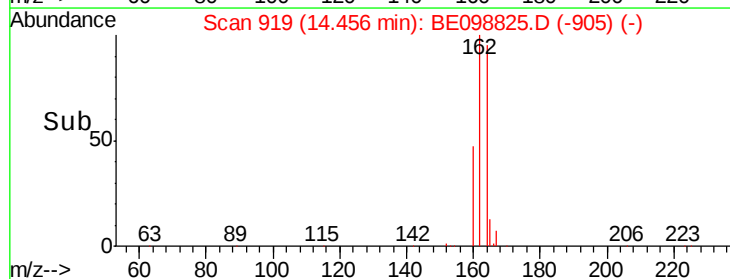
1500

1000

500

0

Time-->

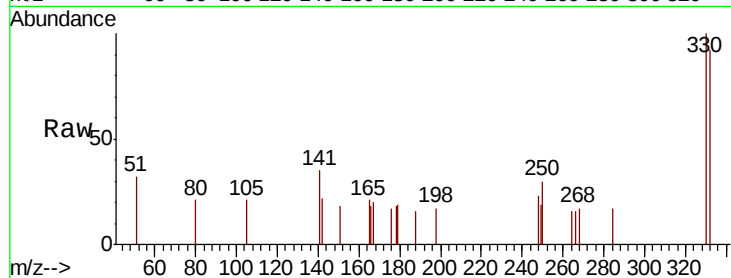




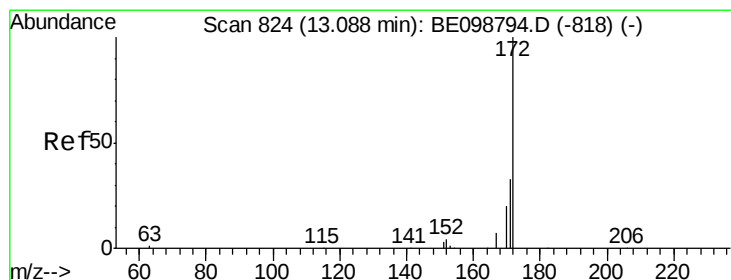
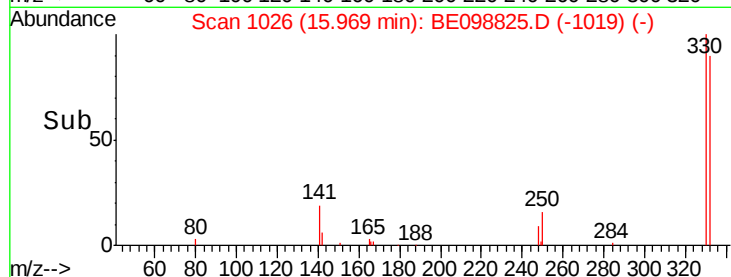
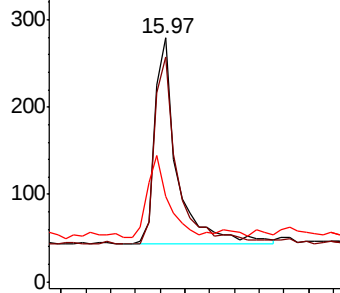
#14
 2,4,6-Tribromophenol
 Concen: 0.460 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098825.D
 Acq: 7 Mar 2019 18:04

Instrument :
 BNA_E
 ClientSampleId :
 M1-T5-OZ(POST)

Tgt Ion:330 Resp: 591
 Ion Ratio Lower Upper
 330 100
 332 90.9 77.6 116.4
 141 37.9 31.0 46.4

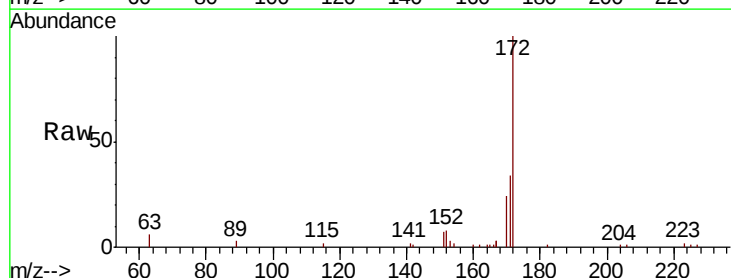


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

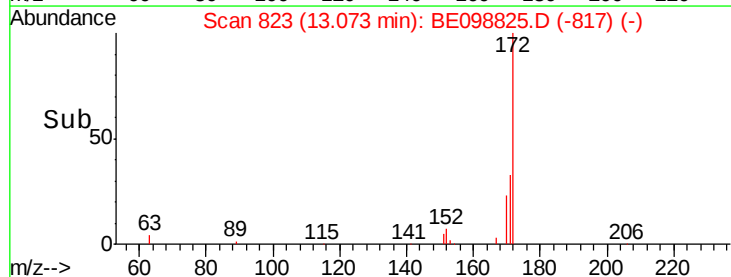
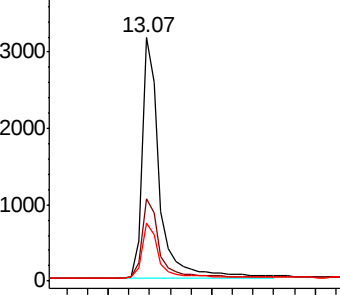


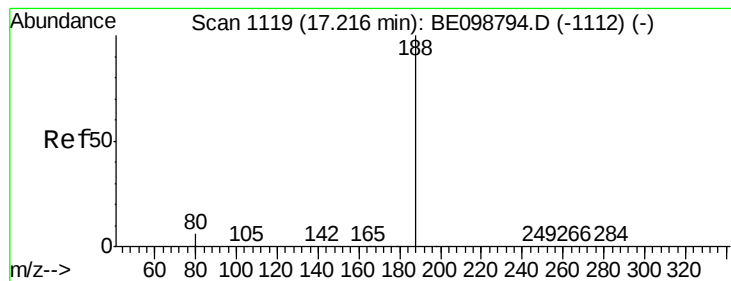
#15
 2-Fluorobiphenyl
 Concen: 0.692 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE098825.D
 Acq: 7 Mar 2019 18:04

Tgt Ion:172 Resp: 7295
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.0 42.0
 170 23.9 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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098825.D

Acq: 7 Mar 2019 18:04

Instrument :

BNA_E

ClientSampleId :

M1-T5-OZ(POST)

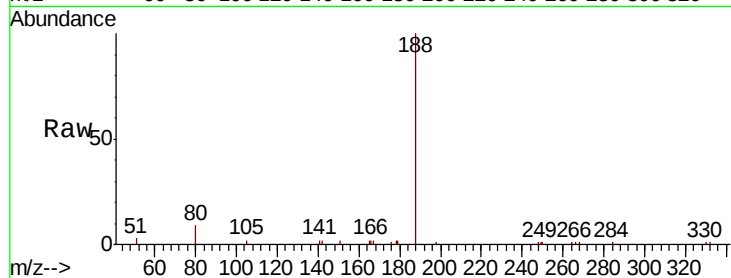
Tgt Ion:188 Resp: 6333

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

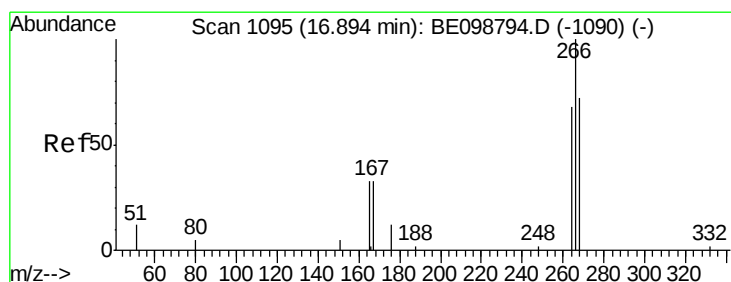
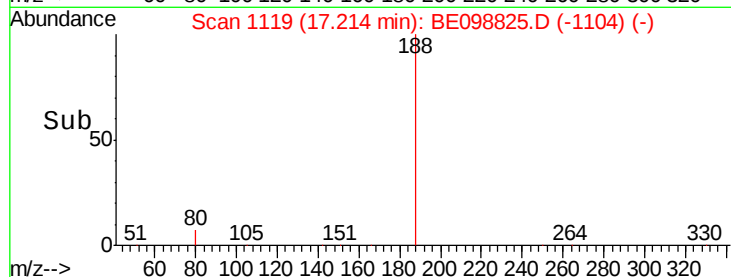
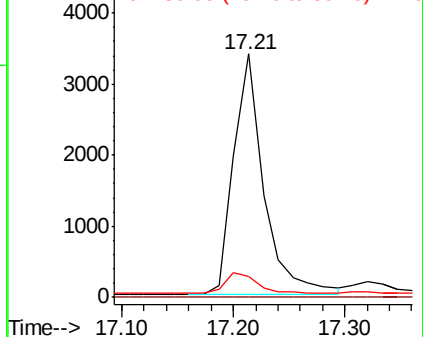
80 8.6 6.3 9.5



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: 0.271 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098825.D

Acq: 7 Mar 2019 18:04

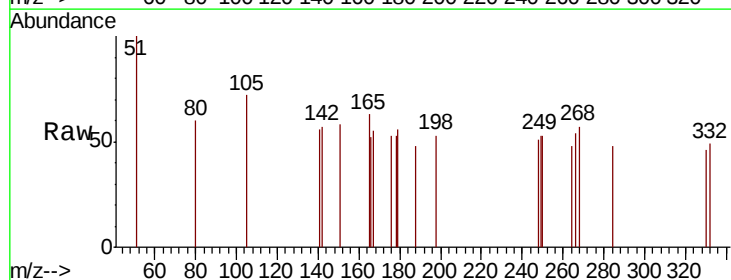
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 90.0 66.6 100.0

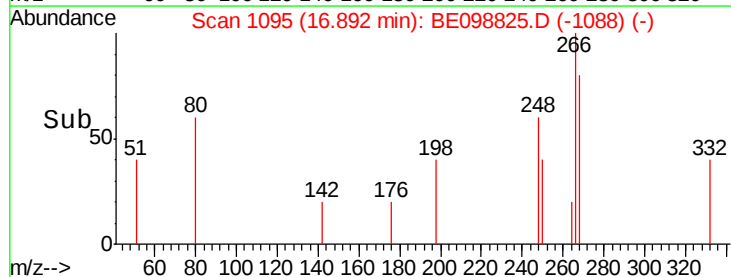
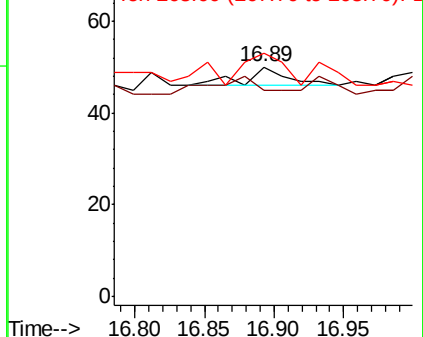
268 106.0 69.8 104.8#

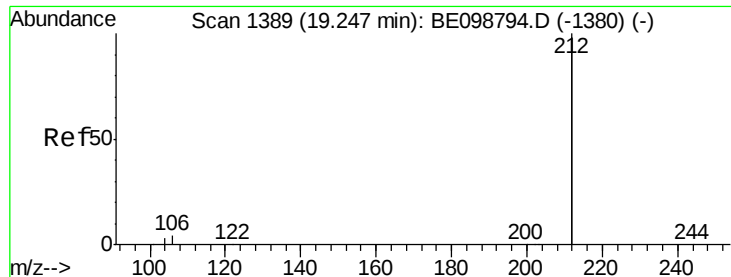


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.413 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098825.D

Acq: 7 Mar 2019 18:04

Instrument :

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M1-T5-OZ(POST)

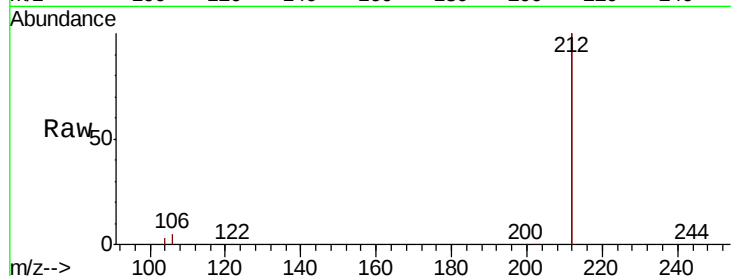
Tgt Ion:212 Resp: 41791

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

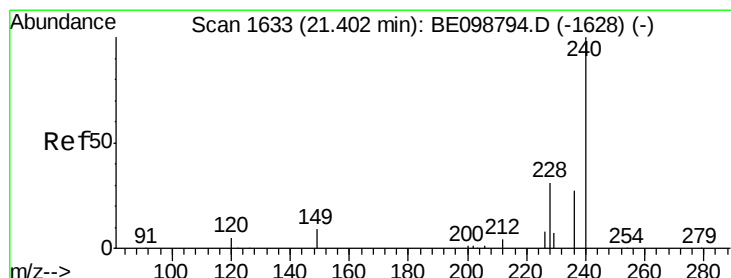
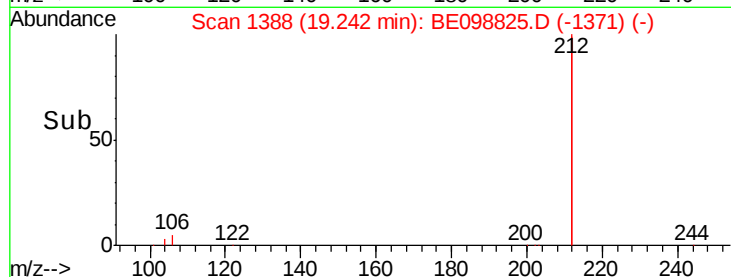
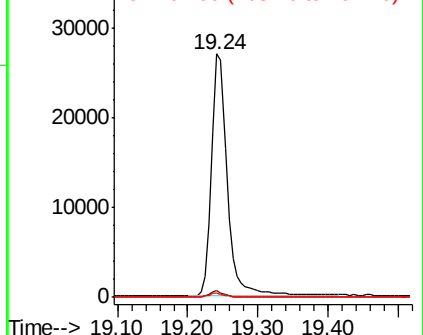
104 1.4 1.0 1.6



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: BE098825.D

Acq: 7 Mar 2019 18:04

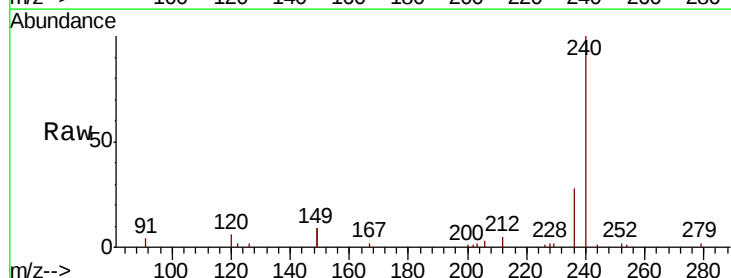
Tgt Ion:240 Resp: 8357

Ion Ratio Lower Upper

240 100

120 6.1 5.0 7.4

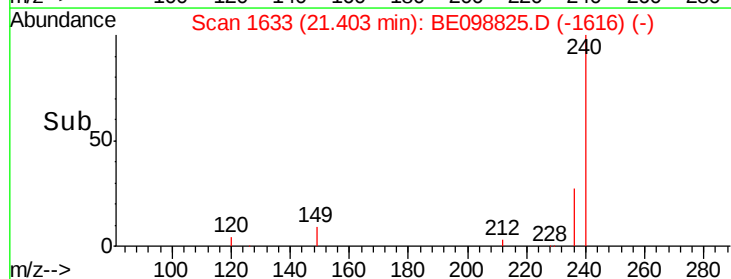
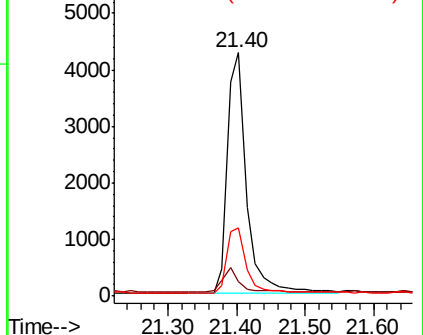
236 28.0 22.7 34.1



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: 0.546 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098825.D

Acq: 7 Mar 2019 18:04

Instrument :

BNA_E

ClientSampleId :

M1-T5-OZ(POST)

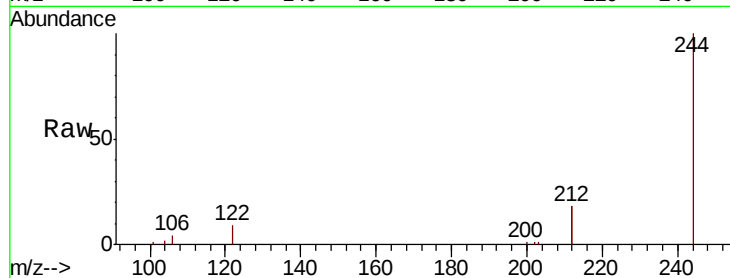
Tgt Ion:244 Resp: 11092

Ion Ratio Lower Upper

244 100

212 36.9 29.4 44.2

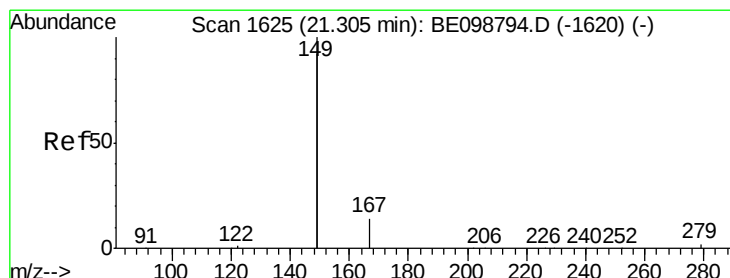
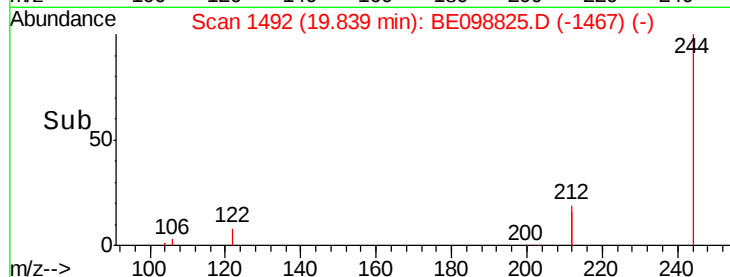
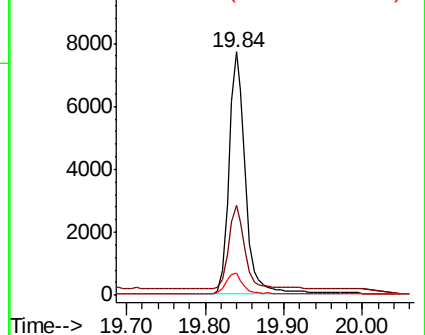
122 9.0 7.1 10.7



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: 0.363 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE098825.D

Acq: 7 Mar 2019 18:04

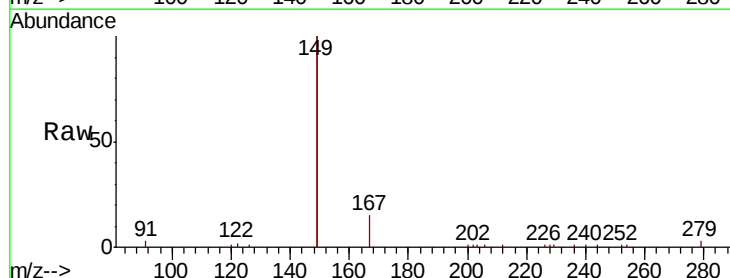
Tgt Ion:149 Resp: 20130

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

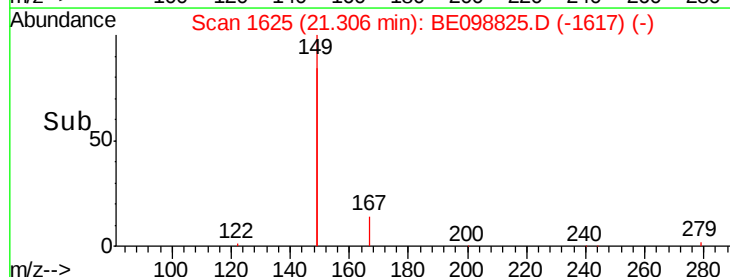
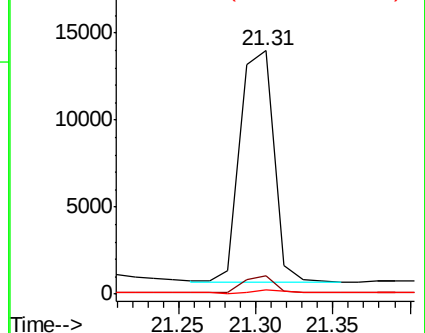
279 1.2 1.0 1.4

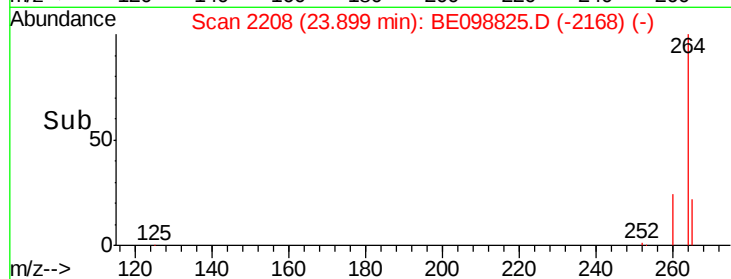
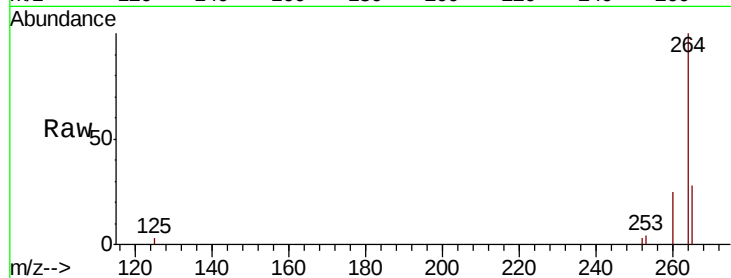


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2208

Delta R.T. -0.01 min

Lab File: BE098825.D

Acq: 7 Mar 2019 18:04

Instrument :

BNA_E

ClientSampleId :

M1-T5-OZ(POST)

Tgt Ion:264 Resp: 8211

Ion Ratio Lower Upper

264 100

260 25.4 21.2 31.8

265 28.3 24.6 36.8

