

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030619\
 Data File : BE098801.D
 Acq On : 6 Mar 2019 16:57
 Operator : JU/SJ
 Sample : K1701-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M2-T5-OZ(POST)

Quant Time: Mar 07 01:46:03 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

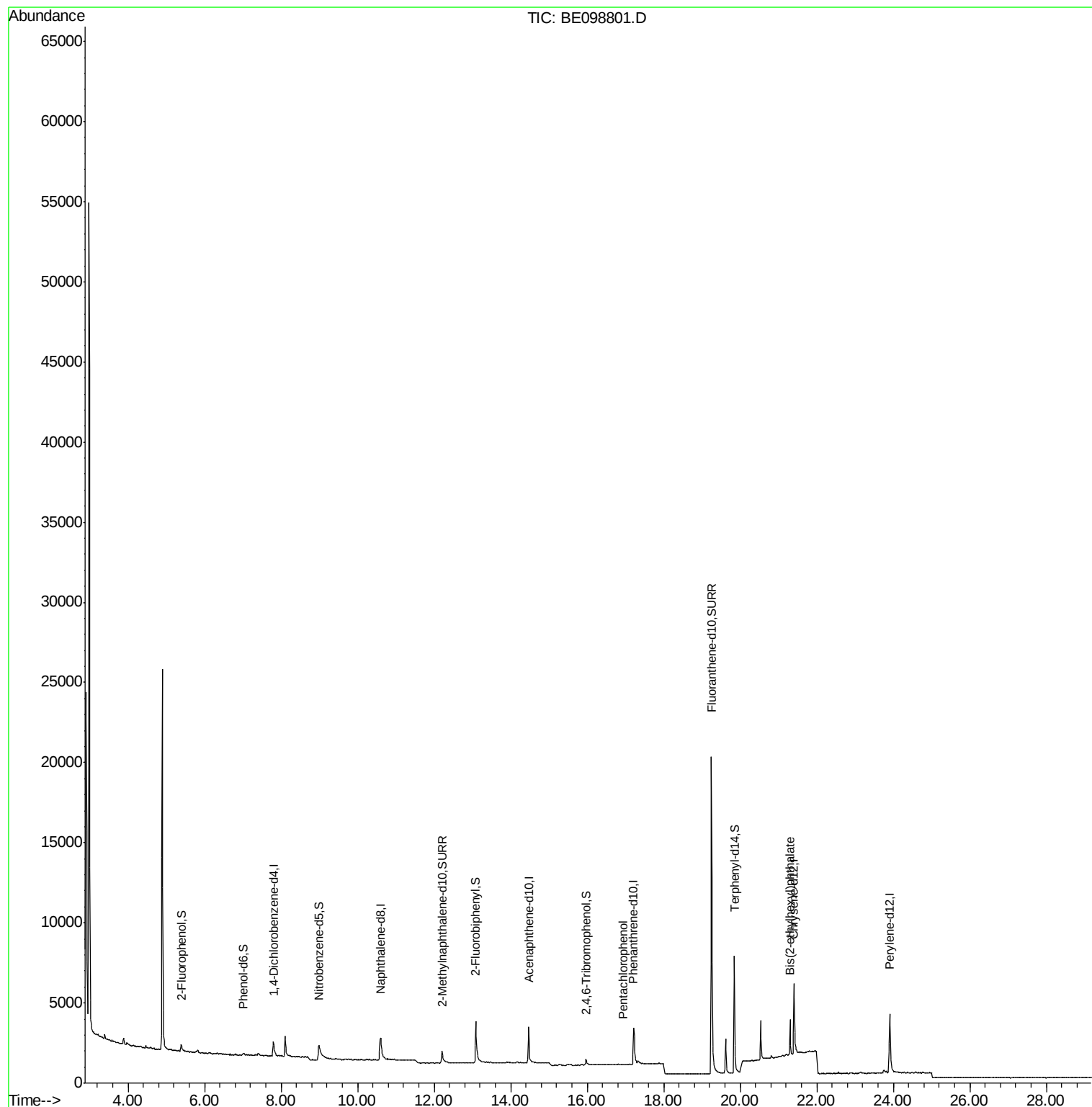
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	705	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2780	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1860	0.40	ng	0.01
19) Phenanthrene-d10	17.22	188	4679	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6551	0.40	ng	0.00
34) Perylene-d12	23.91	264	6331	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	339	0.16	ng	0.00
5) Phenol-d6	7.01	99	249	0.08	ng	0.03
8) Nitrobenzene-d5	8.99	82	1129	0.39	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	2030	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	382	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4125	0.54	ng	0.00
25) Fluoranthene-d10	19.25	212	32089	0.43	ng	0.00
29) Terphenyl-d14	19.85	244	7828	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.26	88	44	Below Cal	#	11
22) Pentachlorophenol	16.95	266	14	0.278 ng		92
32) Bis(2-ethylhexyl)phthalate	21.30	149	2716	0.062 ng	#	99

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

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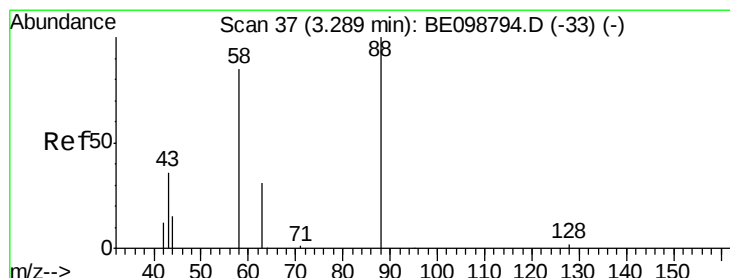
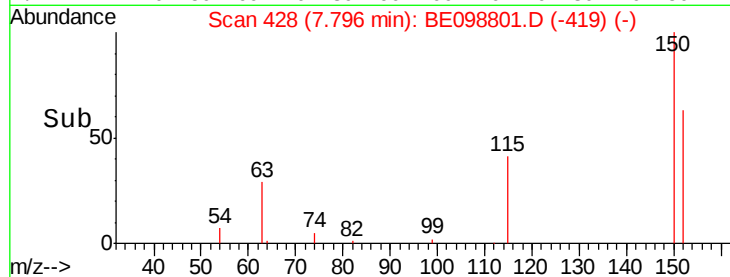
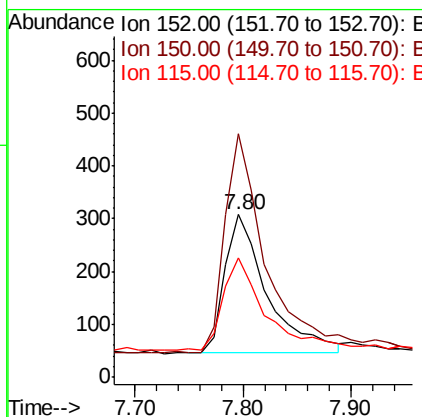
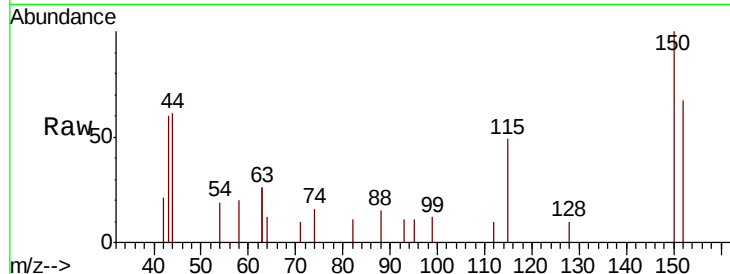




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.80 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BE098801.D
 Acq: 6 Mar 2019 16:57

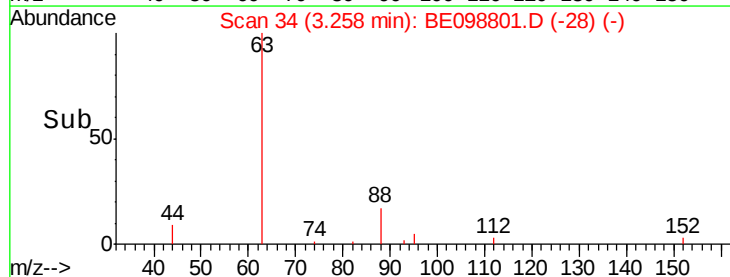
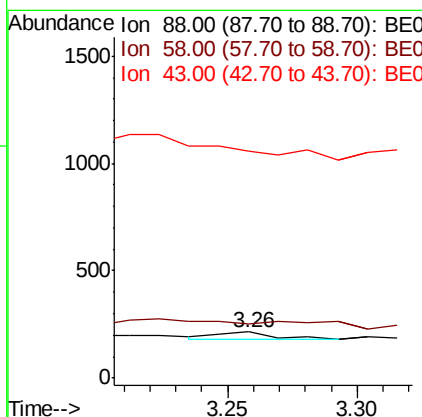
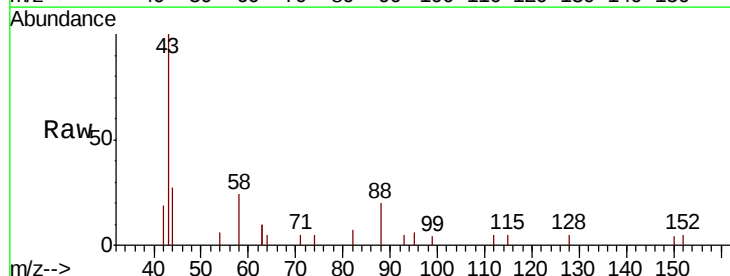
Instrument :
 BNA_E
 ClientSampleId :
 M2-T5-OZ(POST)

Tgt Ion: 152 Resp: 705
 Ion Ratio Lower Upper
 152 100
 150 149.7 122.5 183.7
 115 73.4 57.4 86.2



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.26 min Scan# 34
 Delta R.T. -0.03 min
 Lab File: BE098801.D
 Acq: 6 Mar 2019 16:57

Tgt Ion: 88 Resp: 44
 Ion Ratio Lower Upper
 88 100
 58 0.0 75.8 113.6#
 43 0.0 41.8 62.8#





#4

2-Fluorophenol

Concen: 0.161 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE098801.D

Acq: 6 Mar 2019 16:57

Instrument :

BNA_E

ClientSampleId :

M2-T5-OZ(POST)

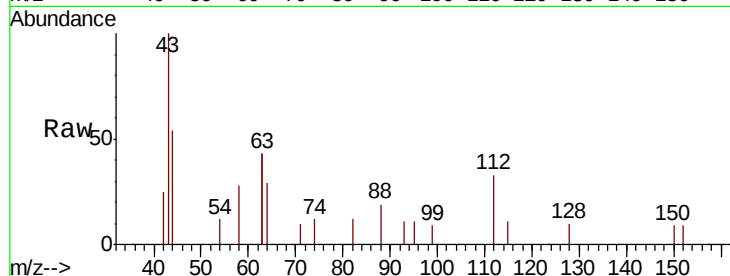
Tgt Ion: 112 Resp: 339

Ion Ratio Lower Upper

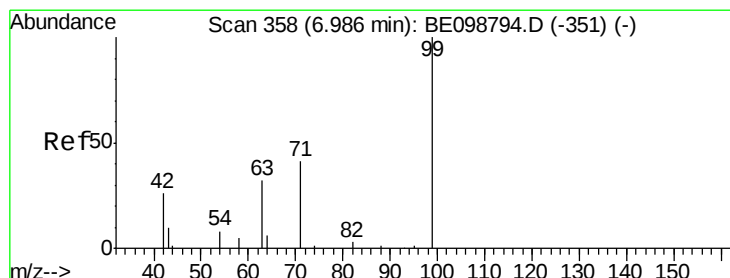
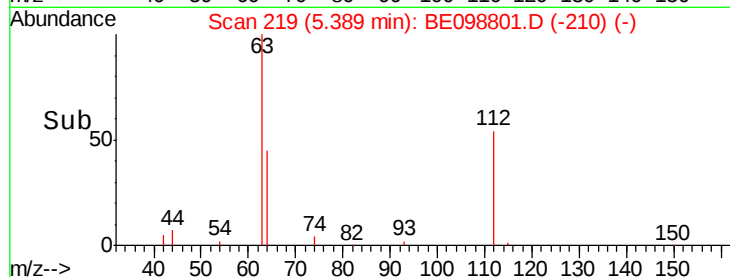
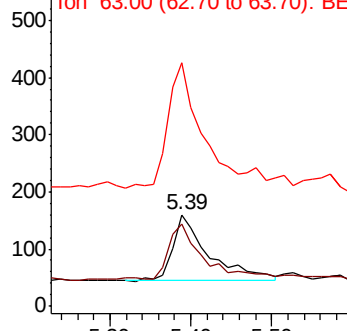
112 100

64 85.5 57.9 86.9

63 209.1 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): BE098801.D (-210) (-)



#5

Phenol-d6

Concen: 0.084 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE098801.D

Acq: 6 Mar 2019 16:57

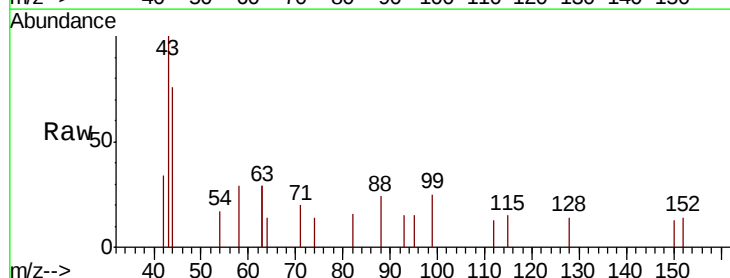
Tgt Ion: 99 Resp: 249

Ion Ratio Lower Upper

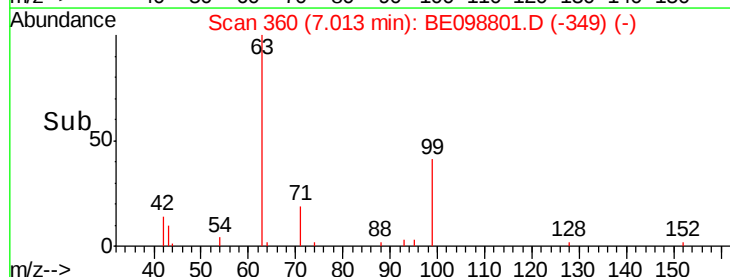
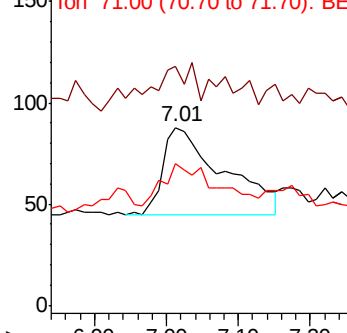
99 100

42 0.0 24.2 36.2#

71 42.6 35.7 53.5



Abundance Ion 99.00 (98.70 to 99.70): BE098801.D (-349) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098801.D

Acq: 6 Mar 2019 16:57

Instrument :

BNA_E

ClientSampleId :

M2-T5-OZ(POST)

Tgt Ion:136 Resp: 2780

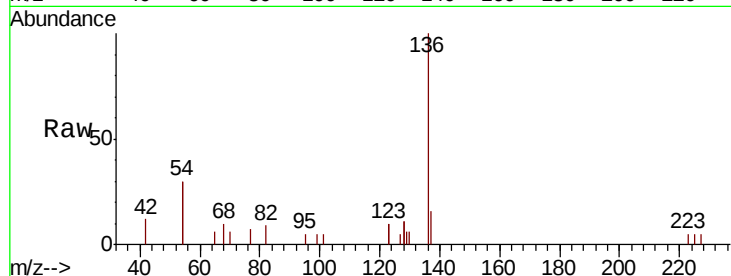
Ion Ratio Lower Upper

136 100

137 16.0 11.4 17.0

54 60.1 39.3 58.9#

68 10.1 6.7 10.1#

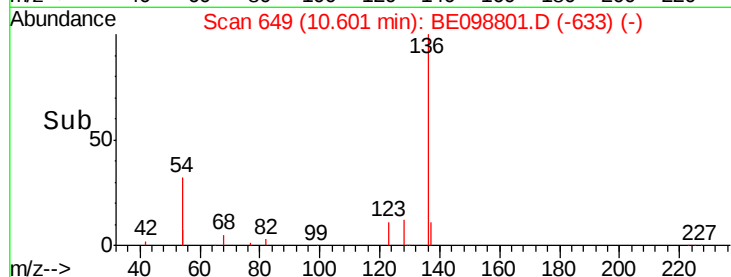
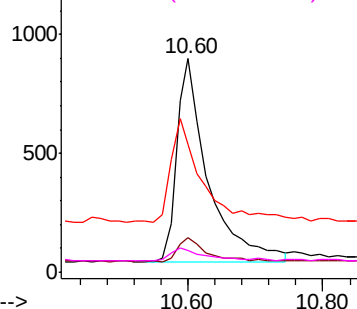


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.387 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098801.D

Acq: 6 Mar 2019 16:57

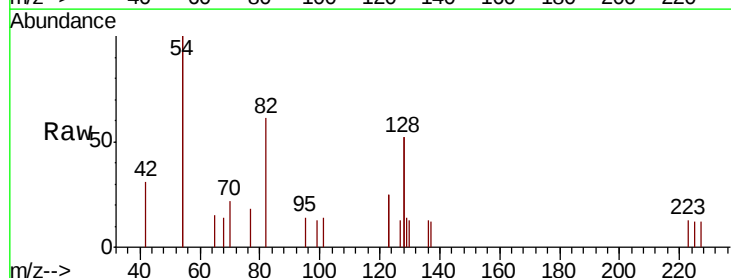
Tgt Ion: 82 Resp: 1129

Ion Ratio Lower Upper

82 100

128 172.7 123.8 185.8

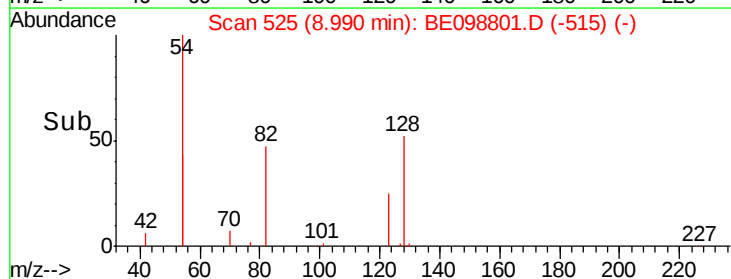
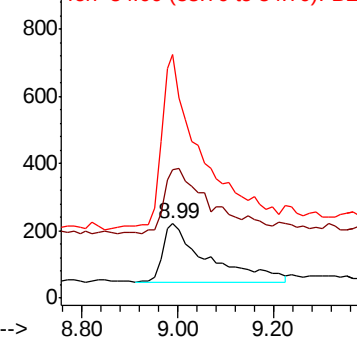
54 329.1 203.4 305.2#



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: 0.395 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098801.D

Acq: 6 Mar 2019 16:57

Instrument :

BNA_E

ClientSampleId :

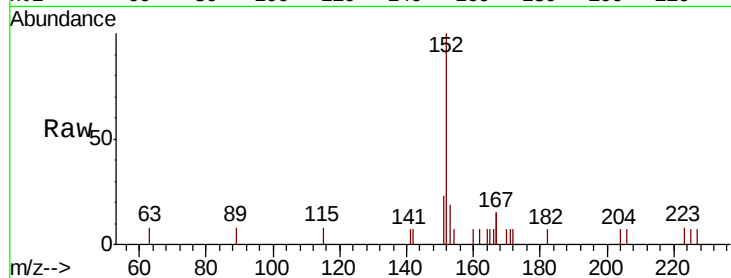
M2-T5-OZ(POST)

Tgt Ion:152 Resp: 2030

Ion Ratio Lower Upper

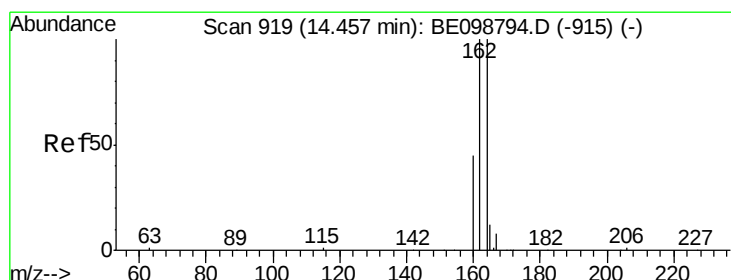
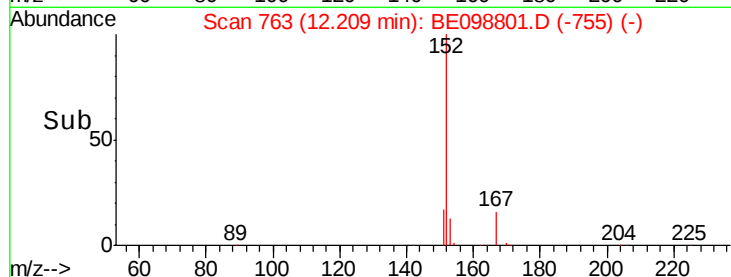
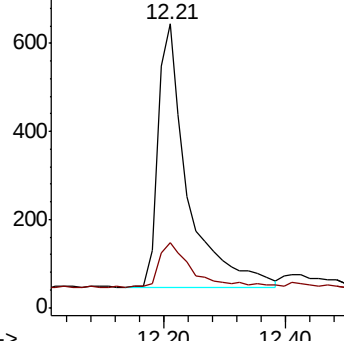
152 100

151 18.6 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: BE098801.D

Acq: 6 Mar 2019 16:57

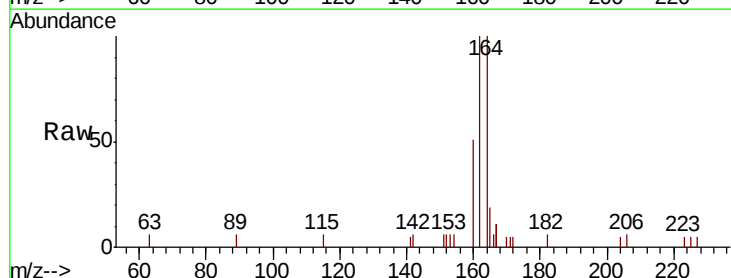
Tgt Ion:164 Resp: 1860

Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.2

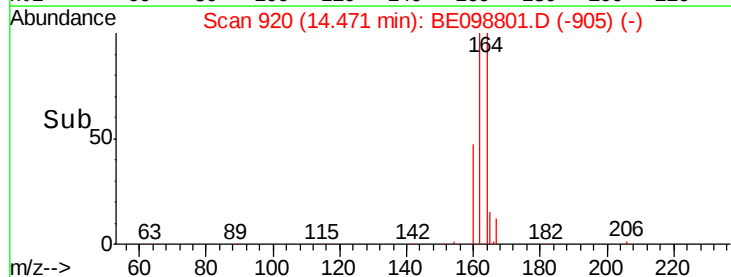
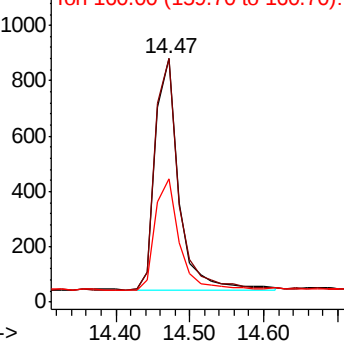
160 50.6 37.8 56.8



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

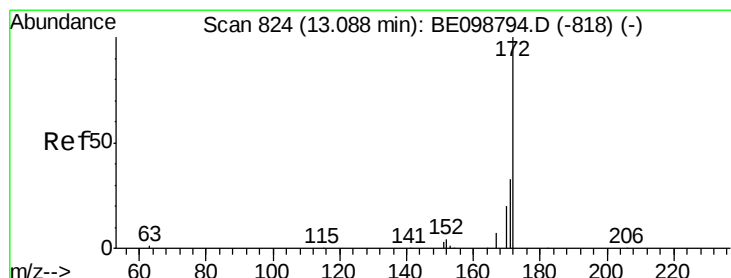
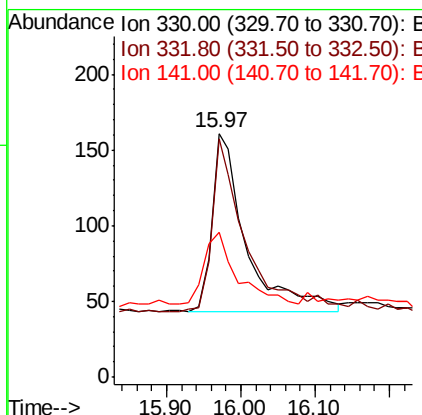
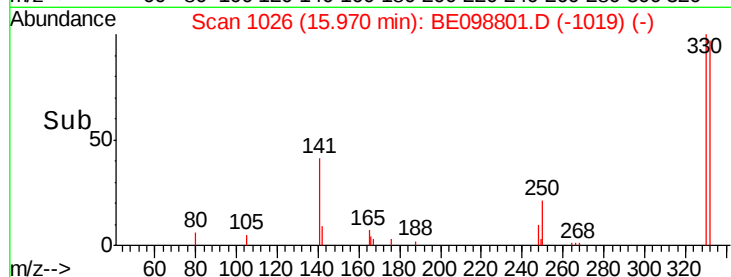
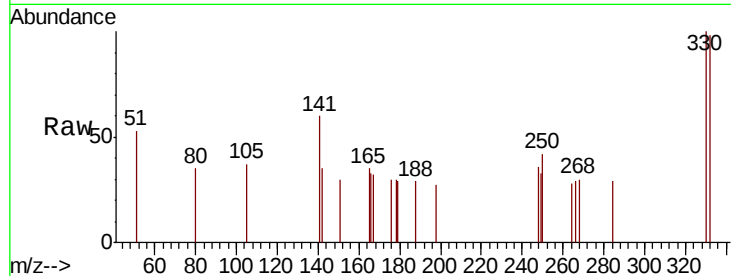




#14
 2,4,6-Tribromophenol
 Concen: 0.407 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098801.D
 Acq: 6 Mar 2019 16:57

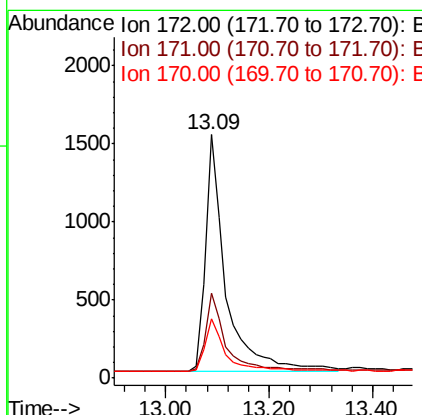
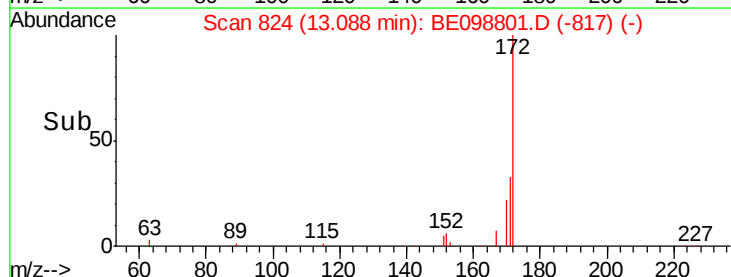
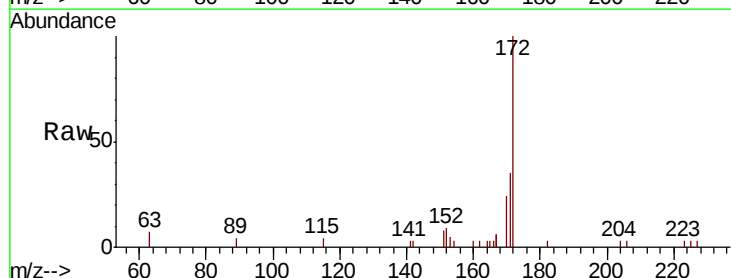
Instrument :
 BNA_E
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 M2-T5-OZ(POST)

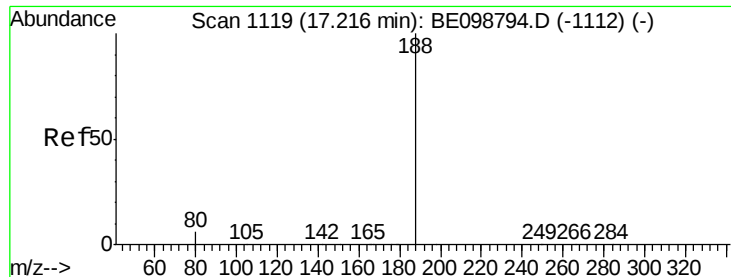
Tgt Ion: 330 Resp: 382
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.6 116.4
 141 38.5 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.536 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098801.D
 Acq: 6 Mar 2019 16:57

Tgt Ion: 172 Resp: 4125
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.0 42.0
 170 24.3 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098801.D

Acq: 6 Mar 2019 16:57

Instrument :

BNA_E

ClientSampleId :

M2-T5-OZ(POST)

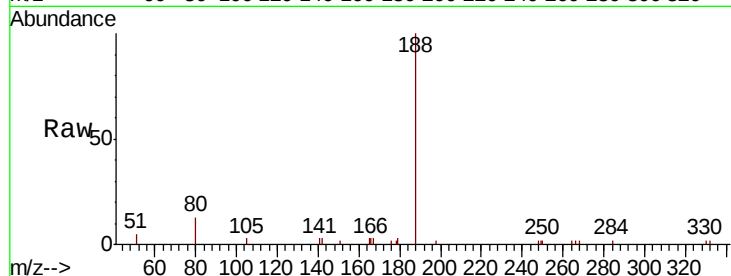
Tgt Ion:188 Resp: 4679

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

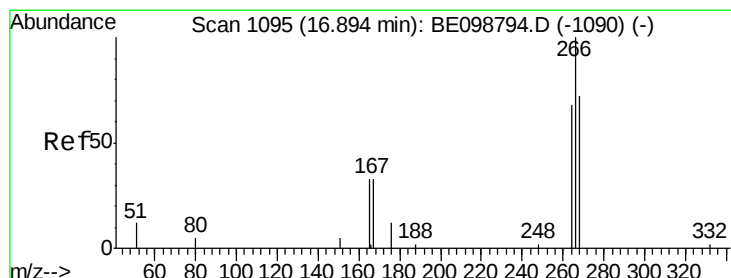
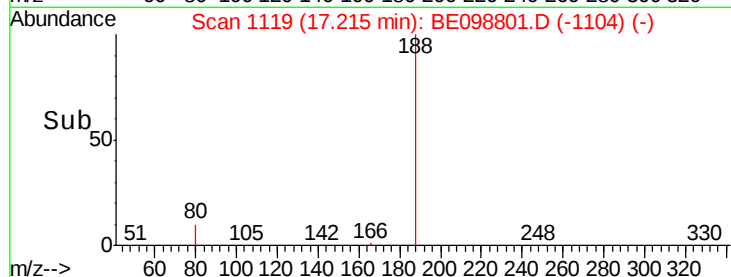
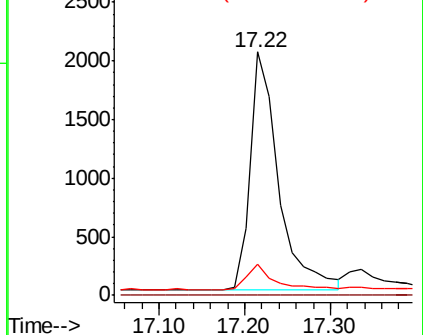
80 12.6 6.3 9.5#



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: 0.278 ng

RT: 16.95 min Scan# 1099

Delta R.T. 0.05 min

Lab File: BE098801.D

Acq: 6 Mar 2019 16:57

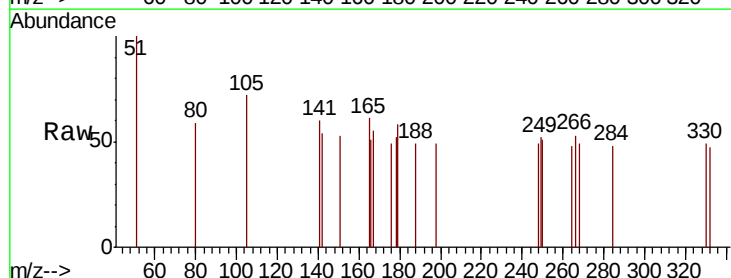
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 91.8 66.6 100.0

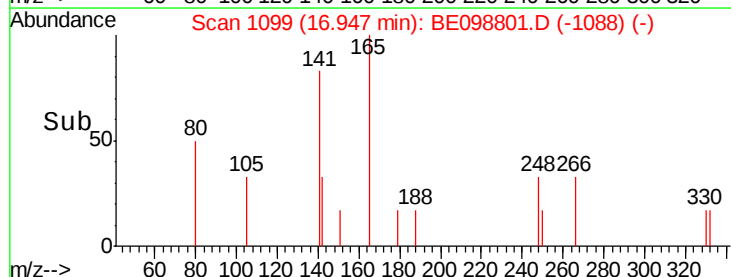
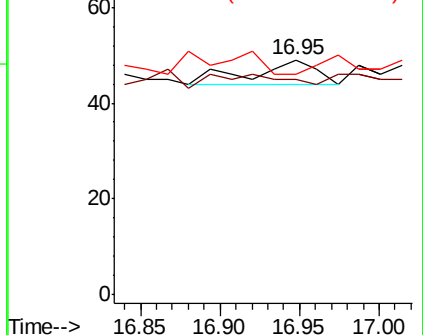
268 93.9 69.8 104.8



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: 0.430 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098801.D

Acq: 6 Mar 2019 16:57

Instrument :

BNA_E

ClientSampleId :

M2-T5-OZ(POST)

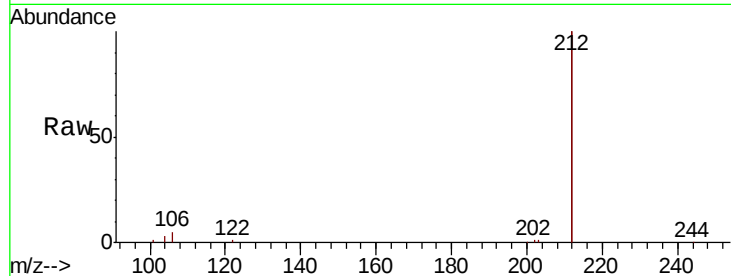
Tgt Ion:212 Resp: 32089

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

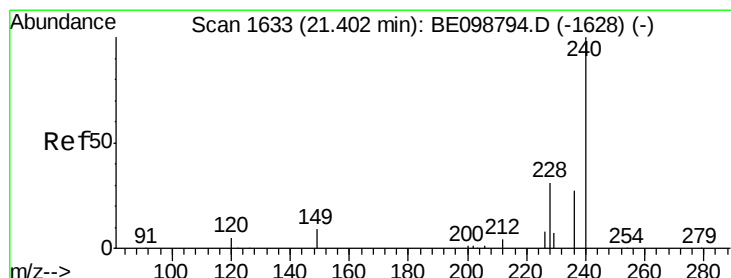
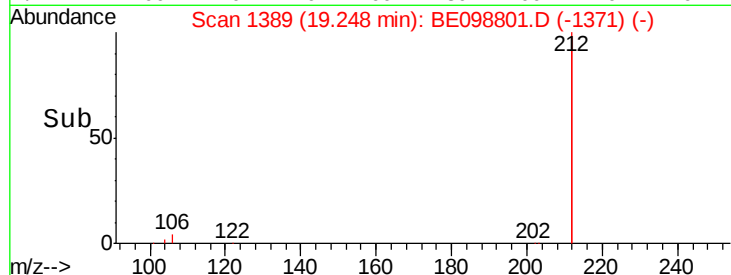
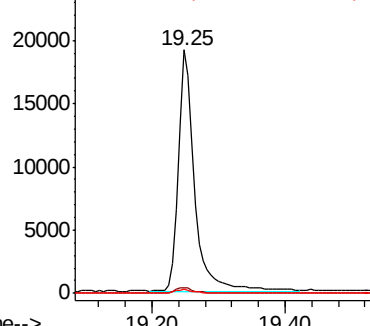
104 1.4 1.0 1.6



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# 1632

Delta R.T. -0.00 min

Lab File: BE098801.D

Acq: 6 Mar 2019 16:57

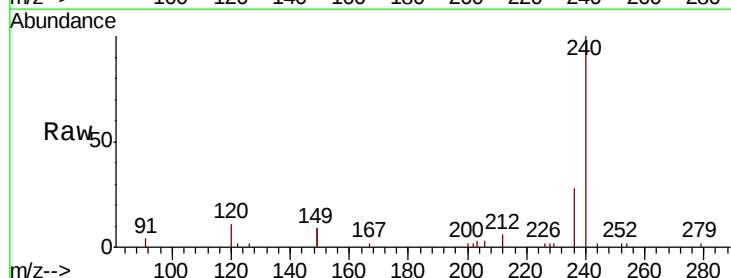
Tgt Ion:240 Resp: 6551

Ion Ratio Lower Upper

240 100

120 10.6 5.0 7.4#

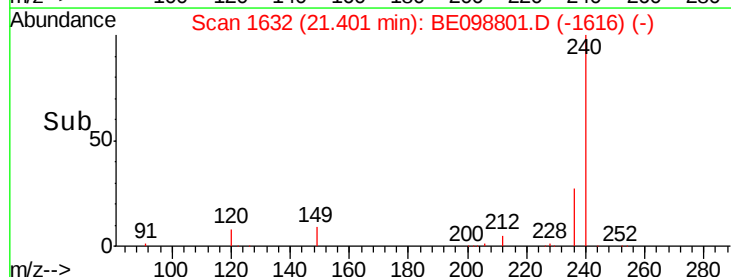
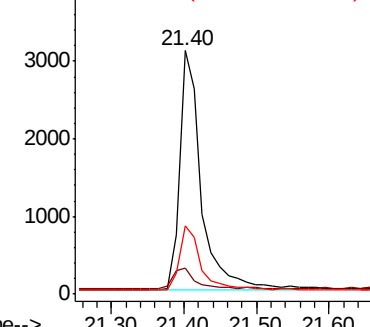
236 27.9 22.7 34.1



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: 0.492 ng

RT: 19.85 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098801.D

Acq: 6 Mar 2019 16:57

Instrument :

BNA_E

ClientSampleId :

M2-T5-OZ(POST)

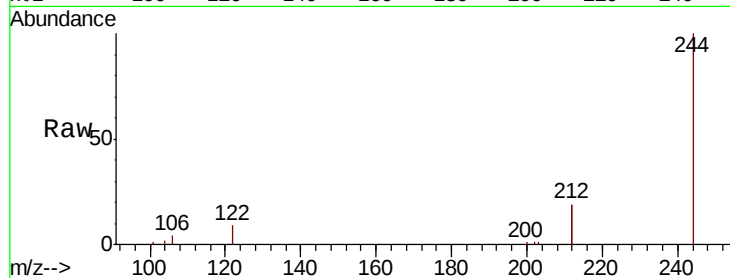
Tgt Ion:244 Resp: 7828

Ion Ratio Lower Upper

244 100

212 38.4 29.4 44.2

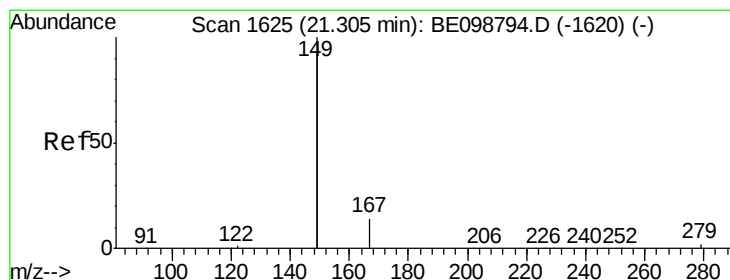
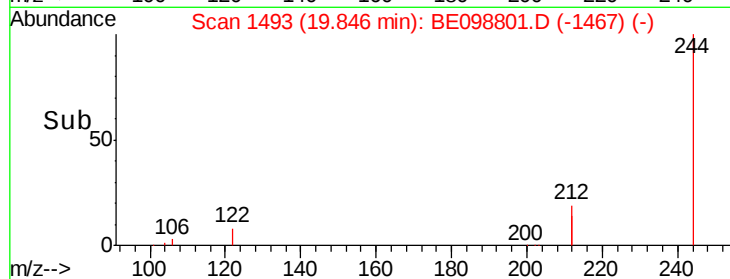
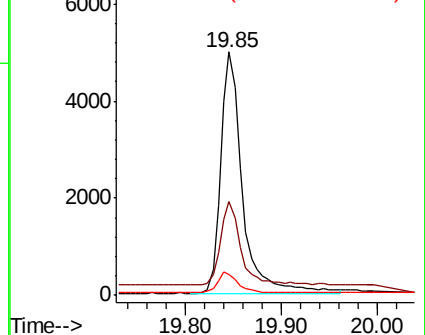
122 8.6 7.1 10.7



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: 0.062 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE098801.D

Acq: 6 Mar 2019 16:57

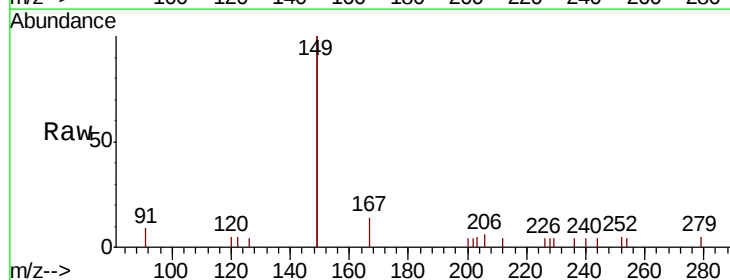
Tgt Ion:149 Resp: 2716

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

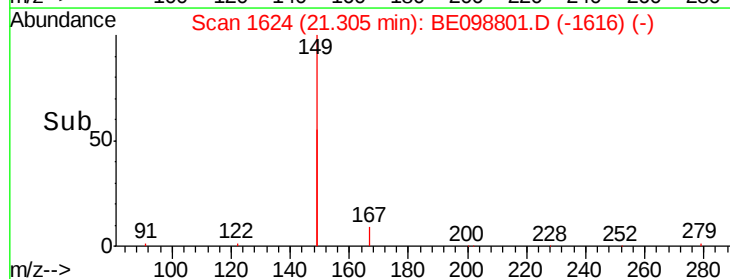
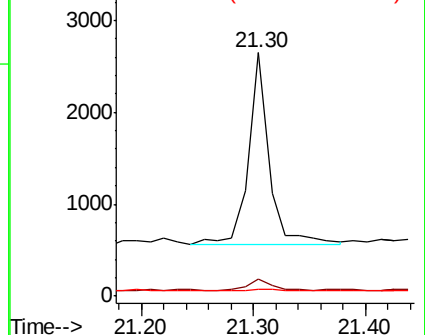
279 2.2 1.0 1.4#

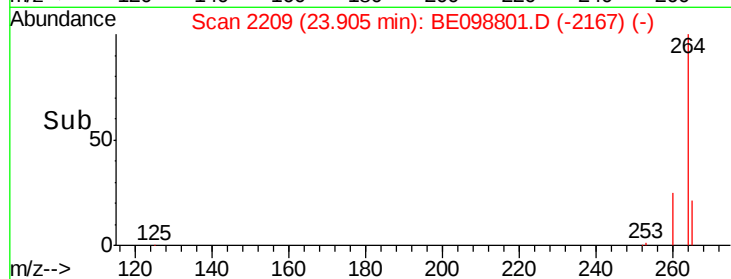
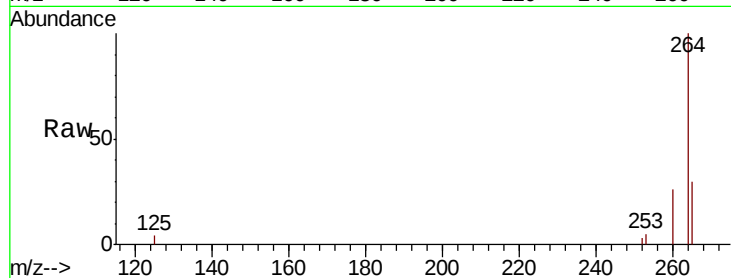


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.91 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE098801.D
Acq: 6 Mar 2019 16:57

Instrument :
BNA_E
ClientSampleId :
M2-T5-OZ(POST)

Tgt Ion: 264 Resp: 6331
Ion Ratio Lower Upper
264 100
260 26.1 21.2 31.8
265 29.7 24.6 36.8

