

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031819\
 Data File : BE099027.D
 Acq On : 19 Mar 2019 7:51
 Operator : JU/SJ
 Sample : K1945-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M4-T4-UV(POST-HYPO)

Quant Time: Mar 19 08:53:17 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

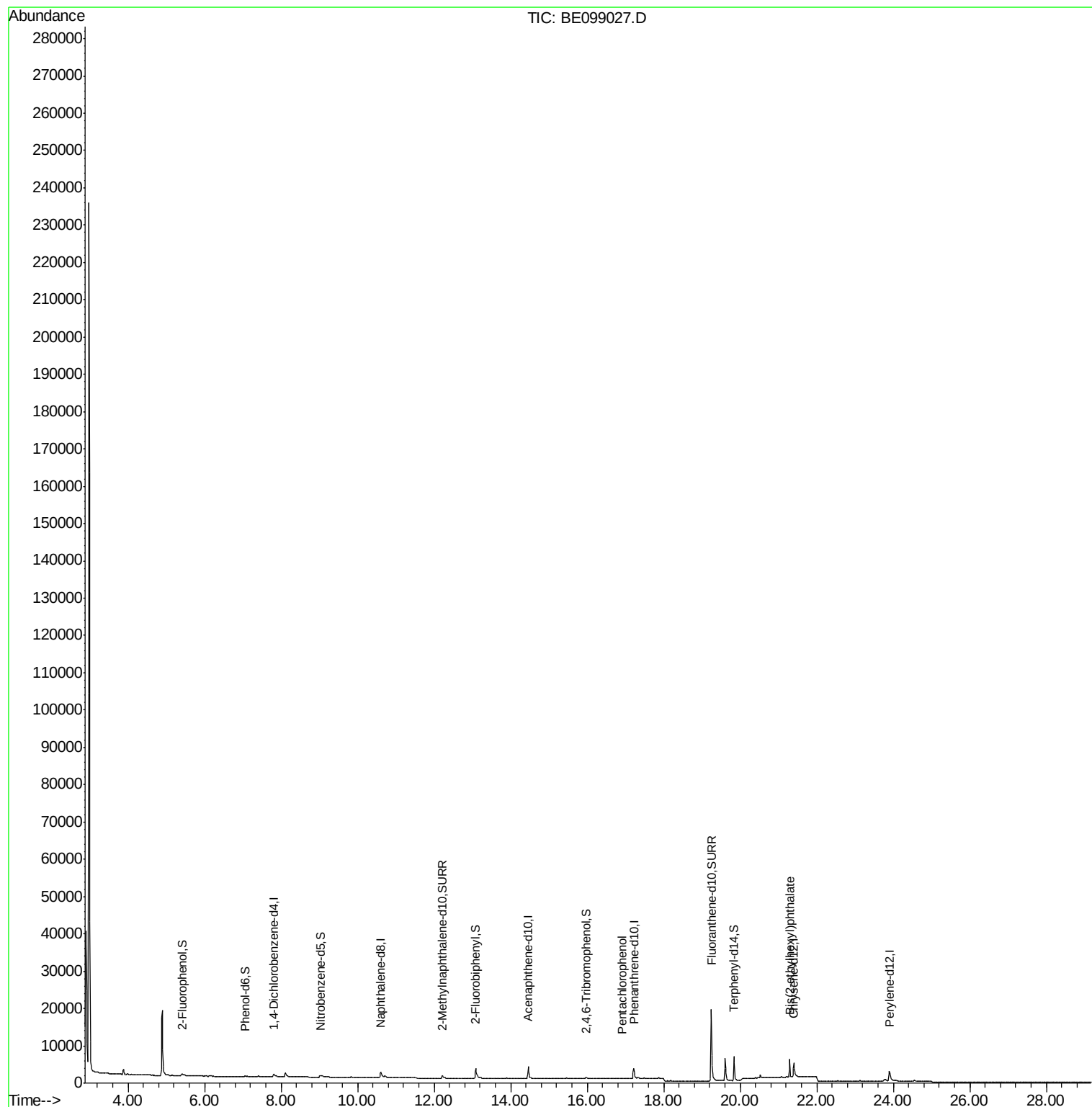
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	733	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3383	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2490	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5590	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6497	0.40	ng	0.00
34) Perylene-d12	23.90	264	5474	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	522	0.24	ng	0.04
5) Phenol-d6	7.06	99	305	0.10	ng	0.07
8) Nitrobenzene-d5	9.03	82	1053	0.30	ng	0.06
11) 2-Methylnaphthalene-d10	12.21	152	2558	0.41	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	431	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4921	0.48	ng	0.00
25) Fluoranthene-d10	19.24	212	34496	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	7556	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	79	Below Cal		Qvalue # 43
22) Pentachlorophenol	16.92	266	2	0.266 ng		86
32) Bis(2-ethylhexyl)phthalate	21.29	149	5443	0.126 ng		99

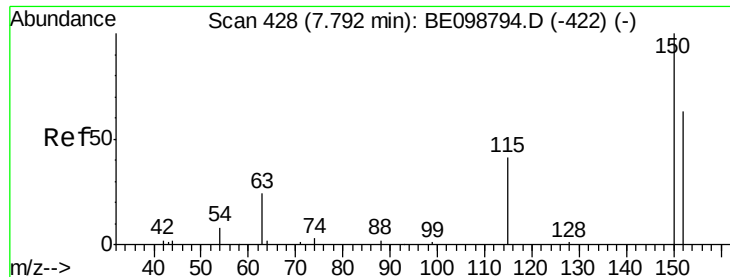
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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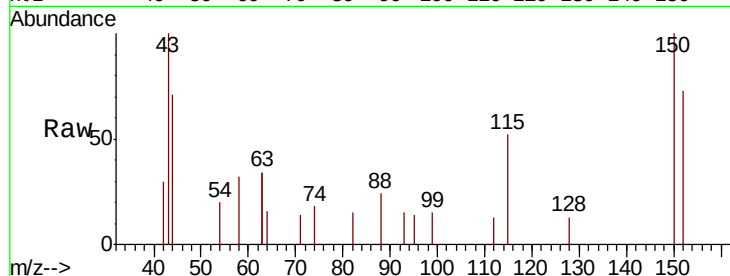


#1

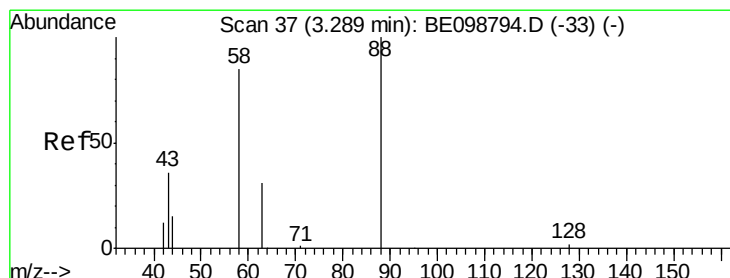
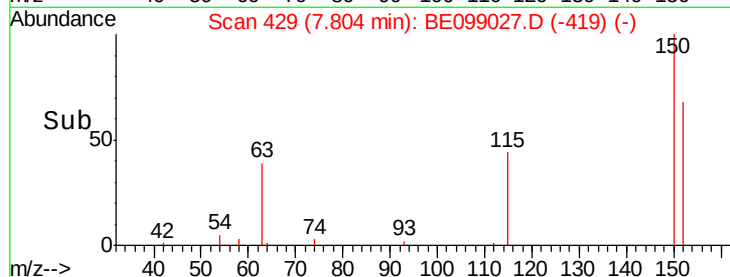
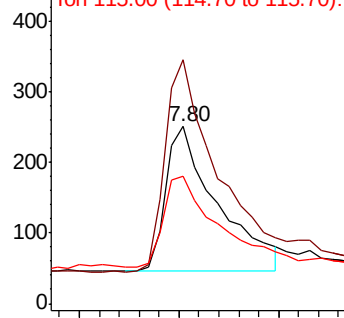
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE099027.D
Acq: 19 Mar 2019 7:51

Instrument :
BNA_E
ClientSampleId :
M4-T4-UV(POST-HYPO)

Tgt Ion: 152 Resp: 733
Ion Ratio Lower Upper
152 100
150 137.5 122.5 183.7
115 72.1 57.4 86.2



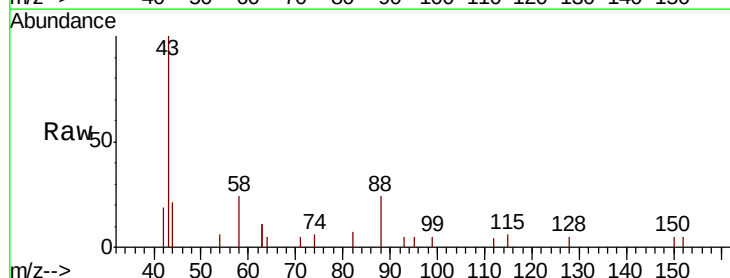
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



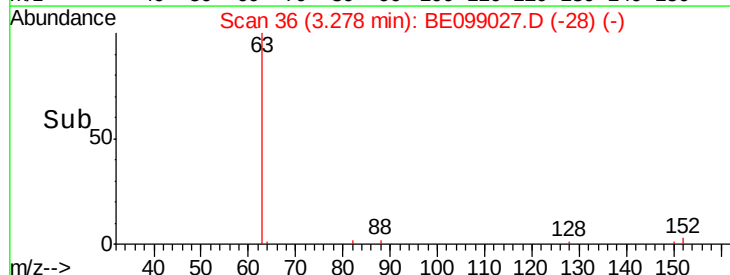
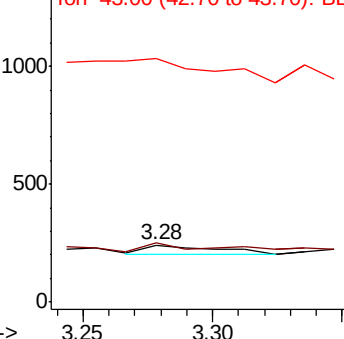
#2

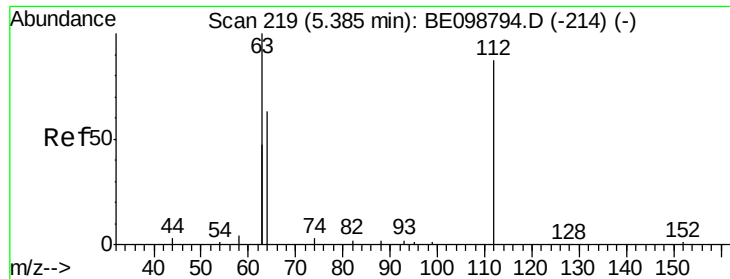
1,4-Dioxane
Concen: Below Cal
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099027.D
Acq: 19 Mar 2019 7:51

Tgt Ion: 88 Resp: 79
Ion Ratio Lower Upper
88 100
58 49.4 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: 0.238 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE099027.D

Acq: 19 Mar 2019 7:51

Instrument :

BNA_E

ClientSampleId :

M4-T4-UV(POST-HYPO)

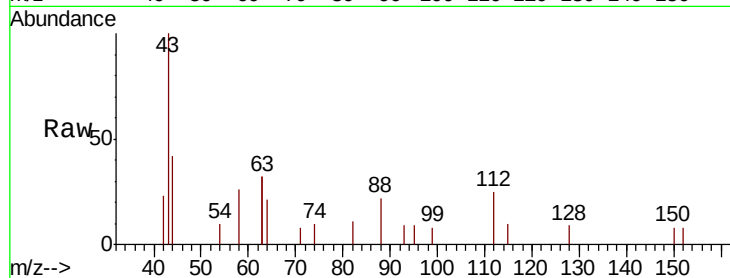
Tgt Ion: 112 Resp: 522

Ion Ratio Lower Upper

112 100

64 95.8 57.9 86.9#

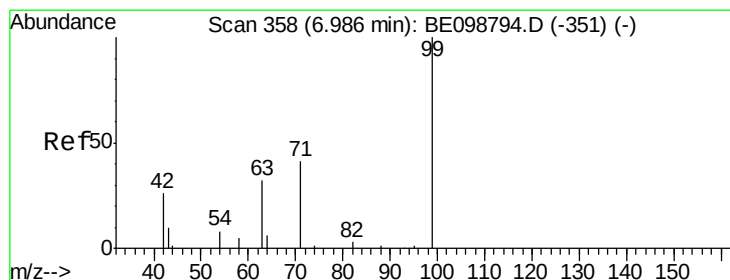
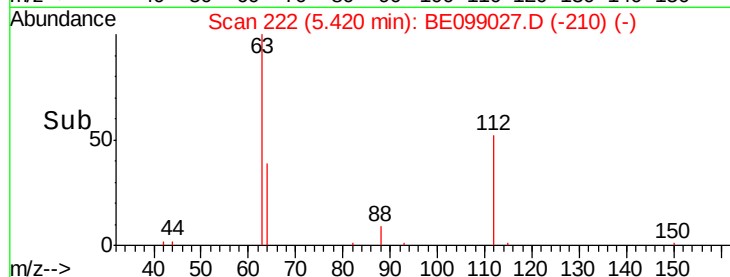
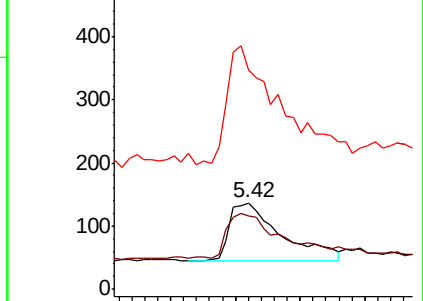
63 213.6 158.3 237.5



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: 0.099 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

Lab File: BE099027.D

Acq: 19 Mar 2019 7:51

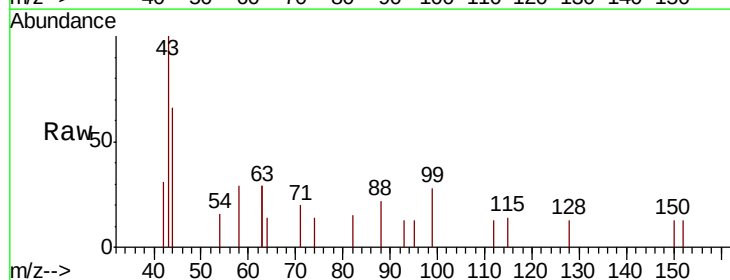
Tgt Ion: 99 Resp: 305

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

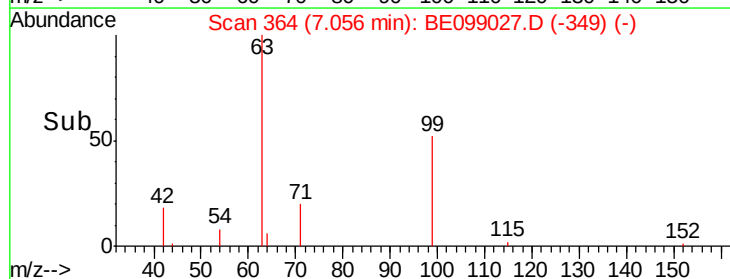
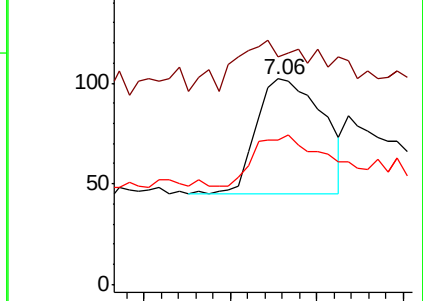
71 49.5 35.7 53.5

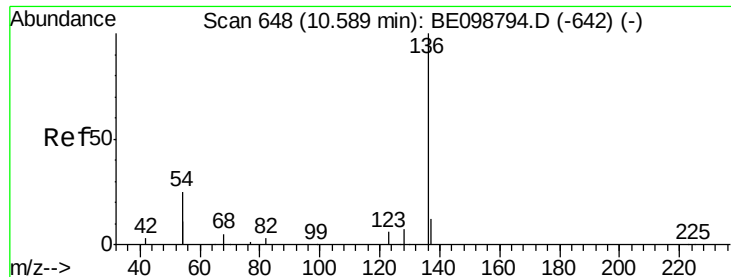


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE099027.D

Acq: 19 Mar 2019 7:51

Instrument :

BNA_E

ClientSampleId :

M4-T4-UV(POST-HYPO)

Tgt Ion:136 Resp: 3383

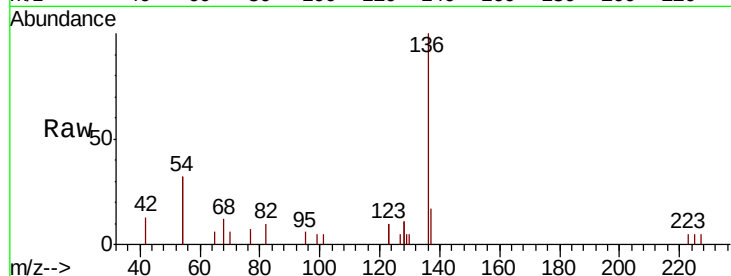
Ion Ratio Lower Upper

136 100

137 17.3 11.4 17.0#

54 64.2 39.3 58.9#

68 11.5 6.7 10.1#

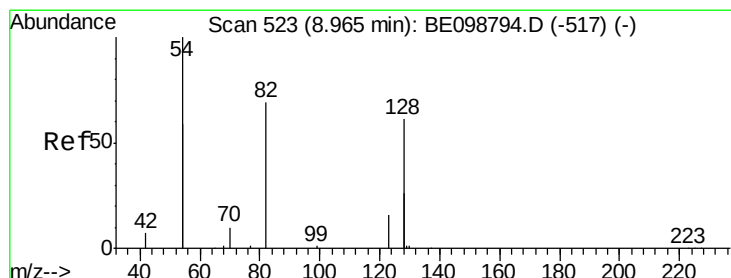
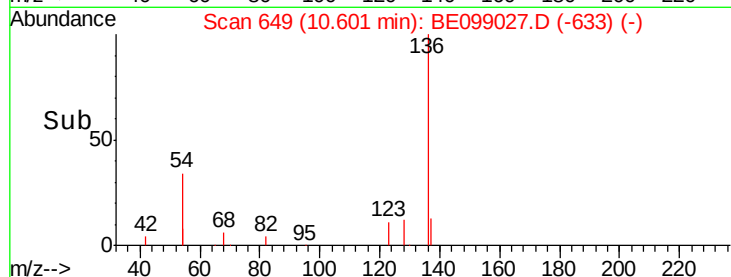
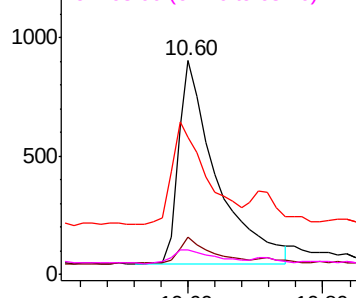


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.297 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.06 min

Lab File: BE099027.D

Acq: 19 Mar 2019 7:51

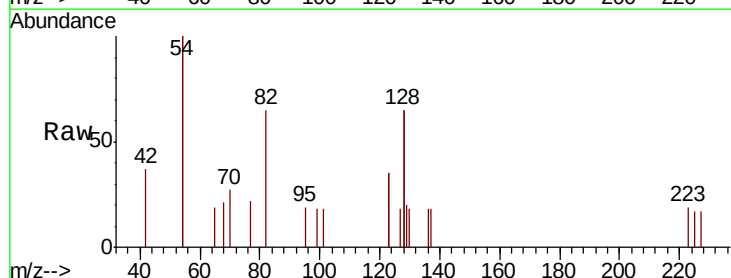
Tgt Ion: 82 Resp: 1053

Ion Ratio Lower Upper

82 100

128 202.4 123.8 185.8#

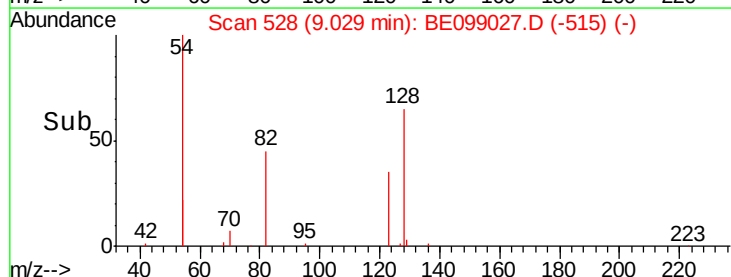
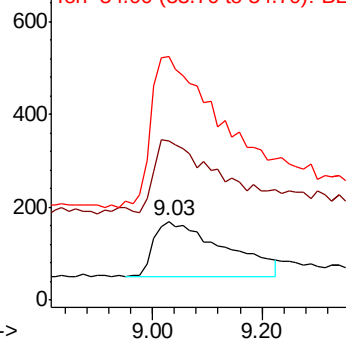
54 310.1 203.4 305.2#

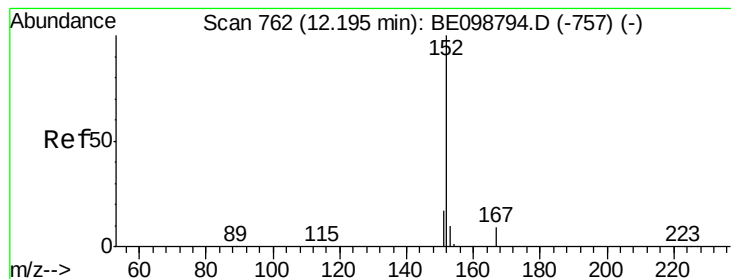


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.409 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099027.D

Acq: 19 Mar 2019 7:51

Instrument :

BNA_E

ClientSampleId :

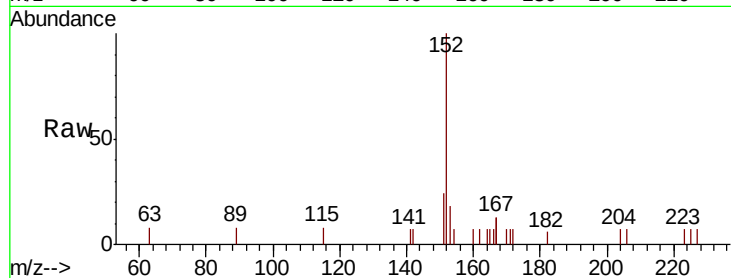
M4-T4-UV(POST-HYPO)

Tgt Ion:152 Resp: 2558

Ion Ratio Lower Upper

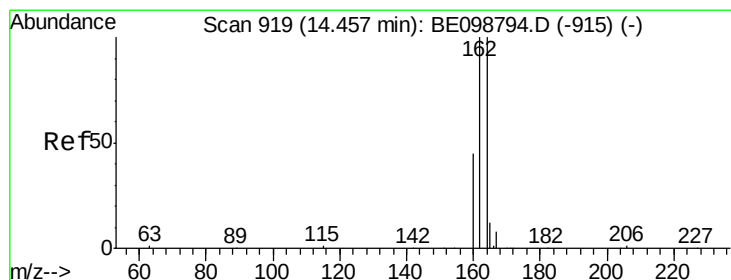
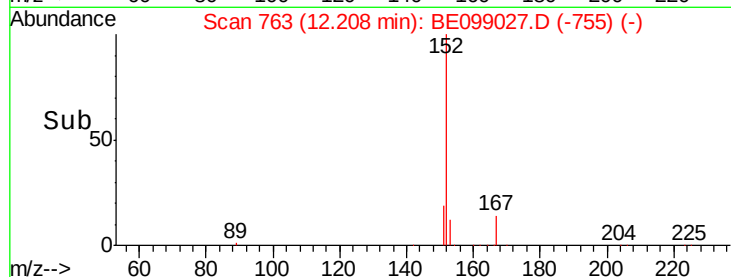
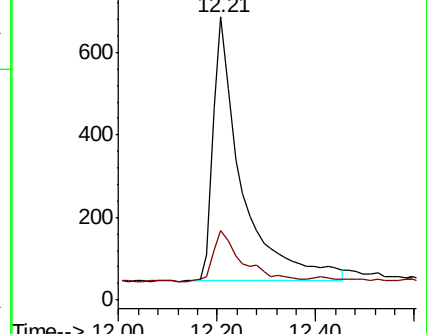
152 100

151 19.6 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: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE099027.D

Acq: 19 Mar 2019 7:51

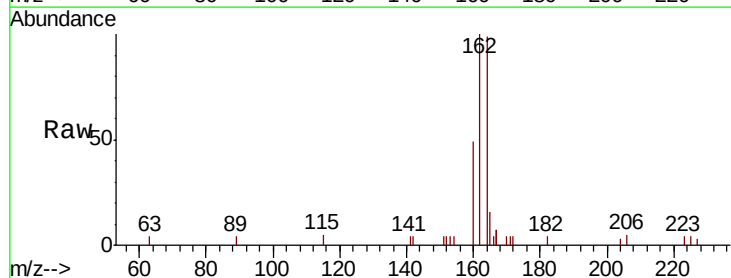
Tgt Ion:164 Resp: 2490

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

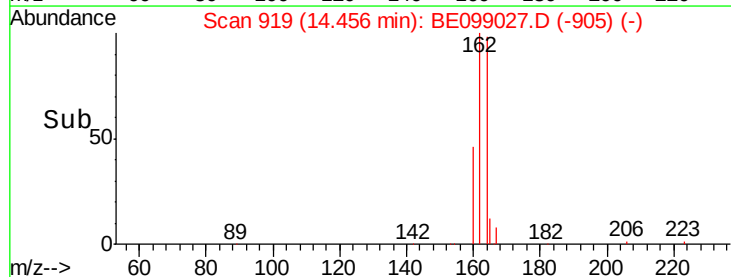
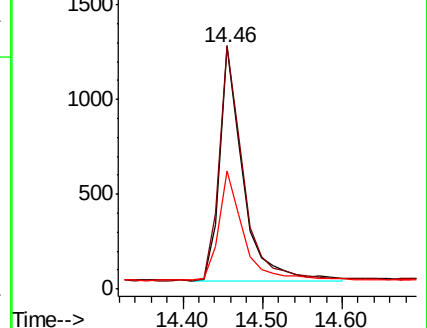
160 48.9 37.8 56.8

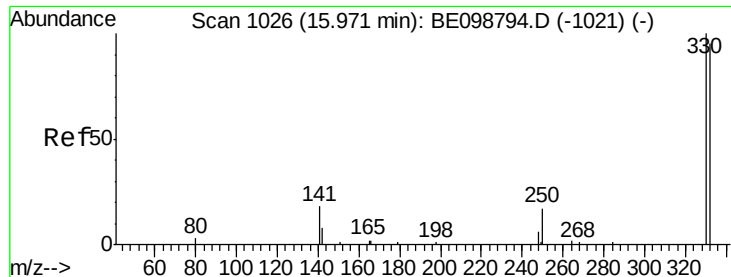


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.343 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099027.D

Acq: 19 Mar 2019 7:51

Instrument :

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ClientSampleId :

M4-T4-UV(POST-HYPO)

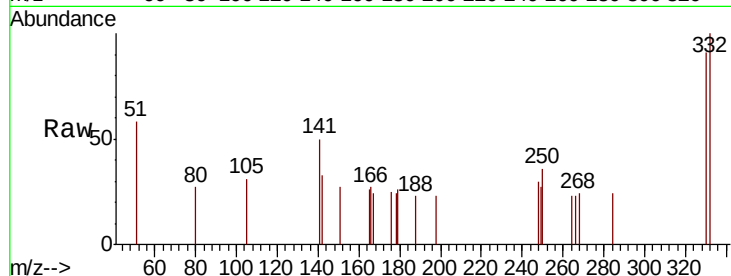
Tgt Ion:330 Resp: 431

Ion Ratio Lower Upper

330 100

332 105.6 77.6 116.4

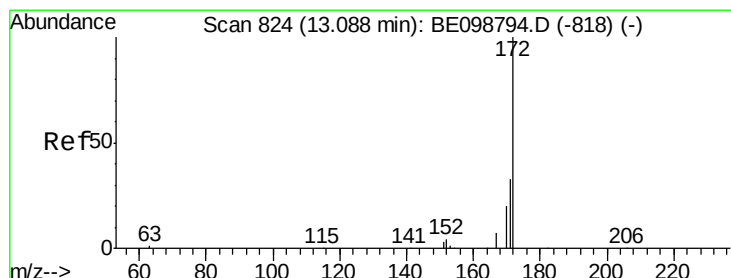
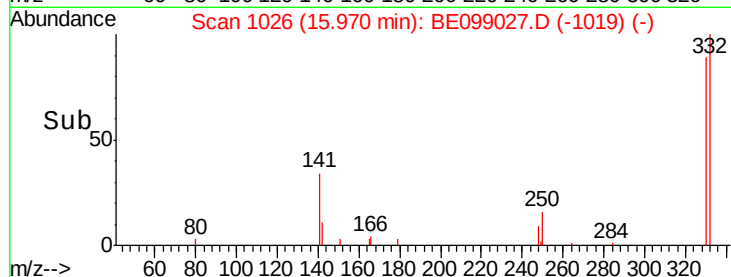
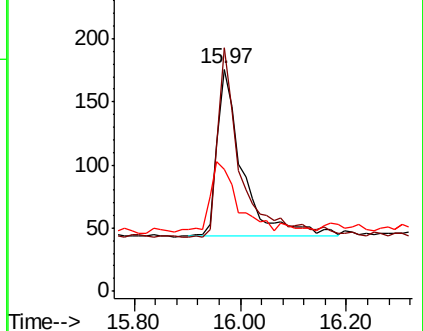
141 41.8 31.0 46.4



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: 0.477 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE099027.D

Acq: 19 Mar 2019 7:51

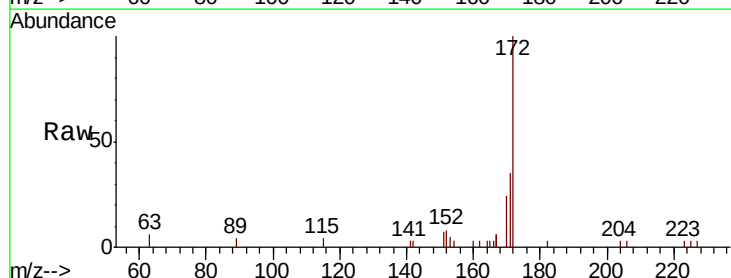
Tgt Ion:172 Resp: 4921

Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

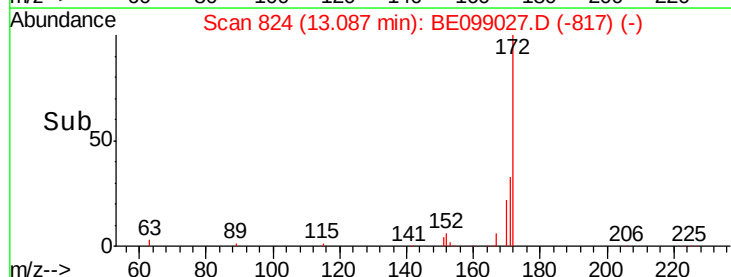
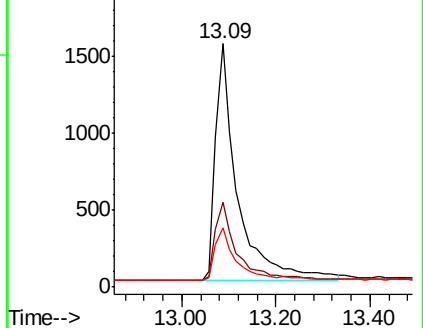
170 24.1 17.7 26.5

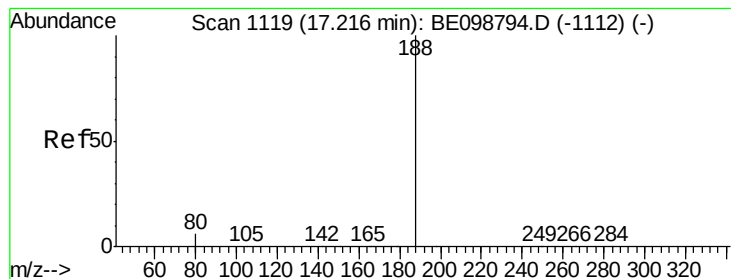


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE099027.D

Acq: 19 Mar 2019 7:51

Instrument :

BNA_E

ClientSampleId :

M4-T4-UV(POST-HYPO)

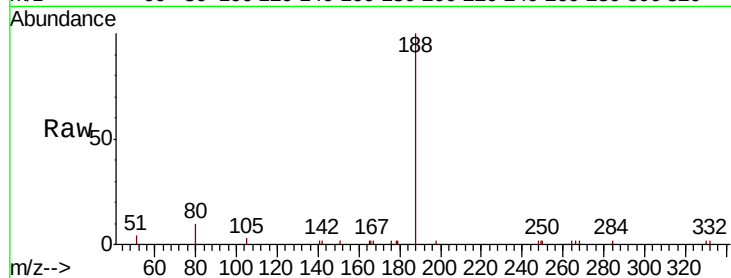
Tgt Ion:188 Resp: 5590

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

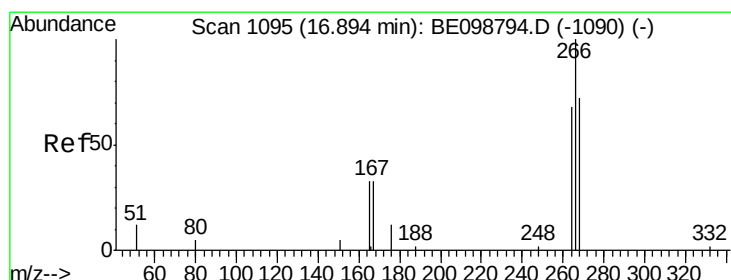
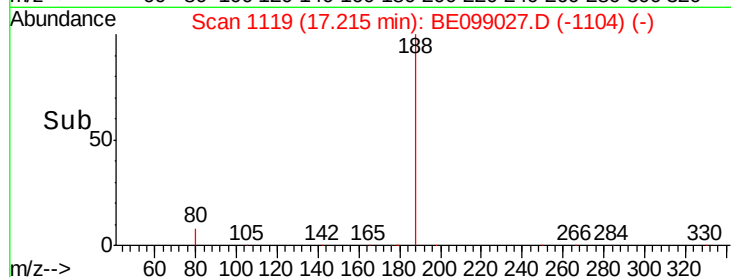
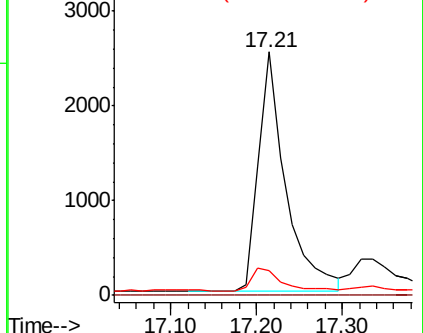
80 10.0 6.3 9.5#



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: 0.266 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE099027.D

Acq: 19 Mar 2019 7:51

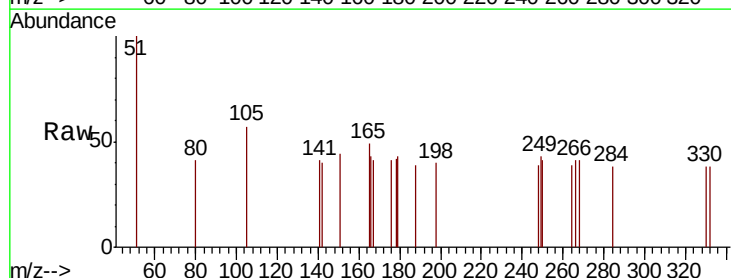
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 95.7 66.6 100.0

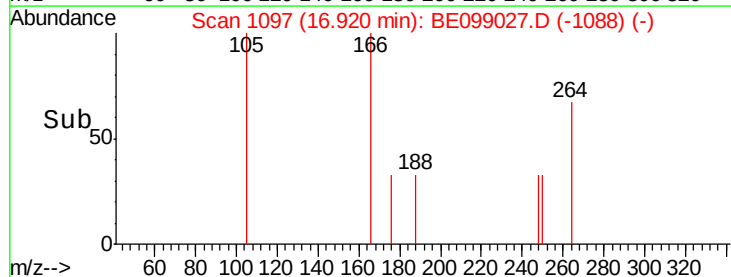
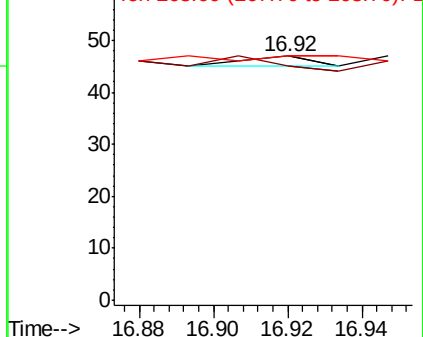
268 100.0 69.8 104.8

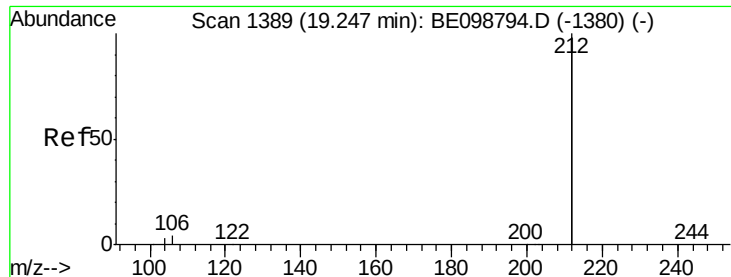


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.387 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE099027.D

Acq: 19 Mar 2019 7:51

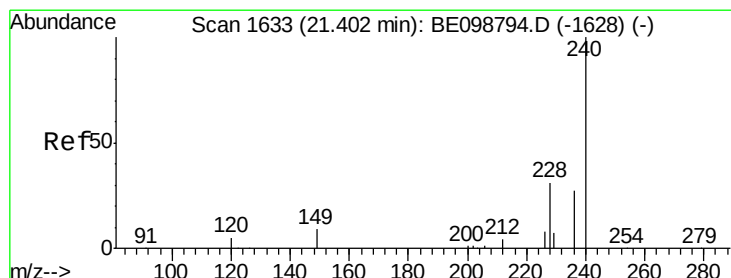
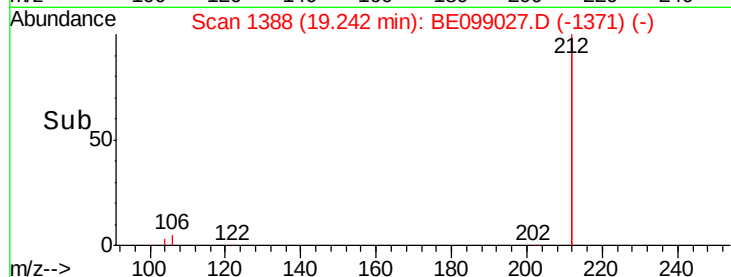
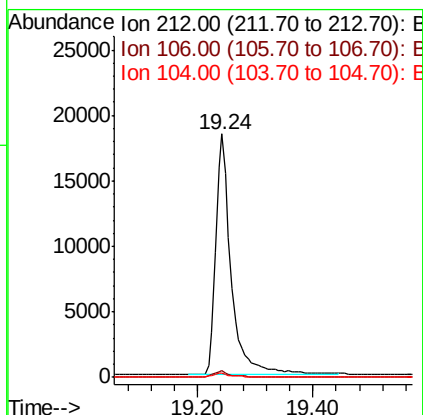
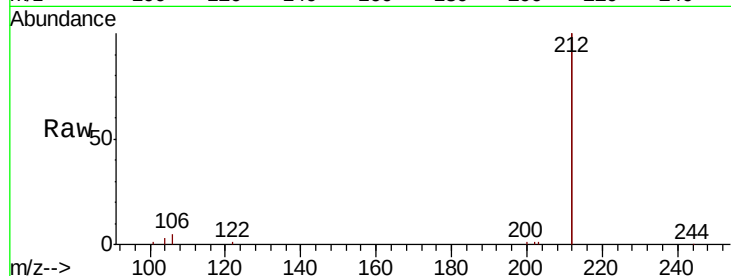
Instrument :

BNA_E

ClientSampleId :

M4-T4-UV(POST-HYPO)

Tgt Ion:	212	Resp:	34496
Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.8	2.8
104	1.4	1.0	1.6



#27

Chrysene-d12

Concen: 0.400 ng

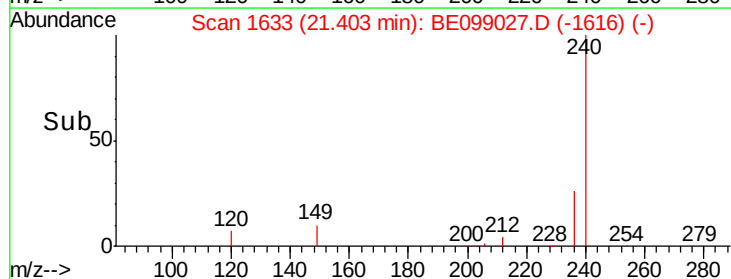
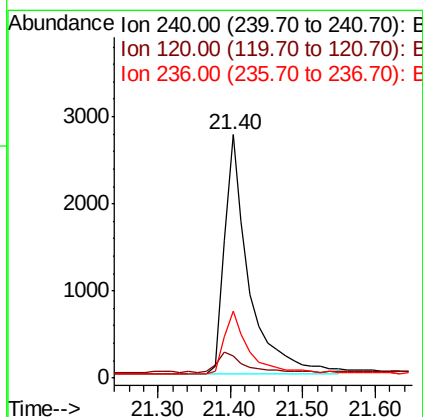
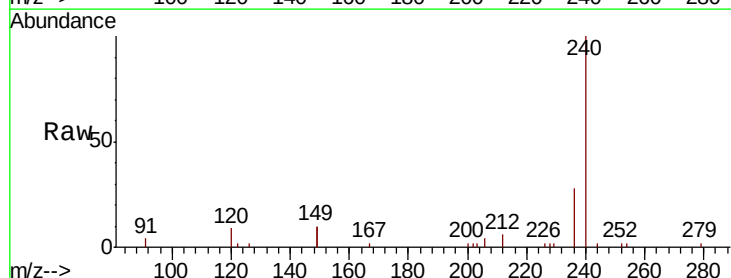
RT: 21.40 min Scan# 1633

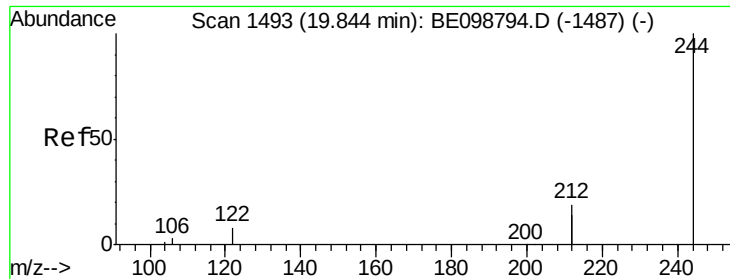
Delta R.T. 0.00 min

Lab File: BE099027.D

Acq: 19 Mar 2019 7:51

Tgt Ion:	240	Resp:	6497
Ion	Ratio	Lower	Upper
240	100		
120	9.1	5.0	7.4#
236	27.6	22.7	34.1





#29

Terphenyl-d14

Concen: 0.479 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE099027.D

Acq: 19 Mar 2019 7:51

Instrument :

BNA_E

ClientSampleId :

M4-T4-UV(POST-HYPO)

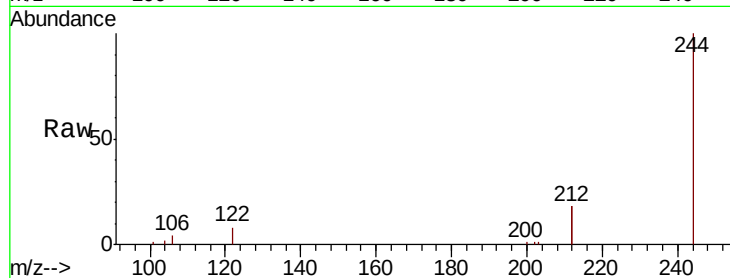
Tgt Ion:244 Resp: 7556

Ion Ratio Lower Upper

244 100

212 36.9 29.4 44.2

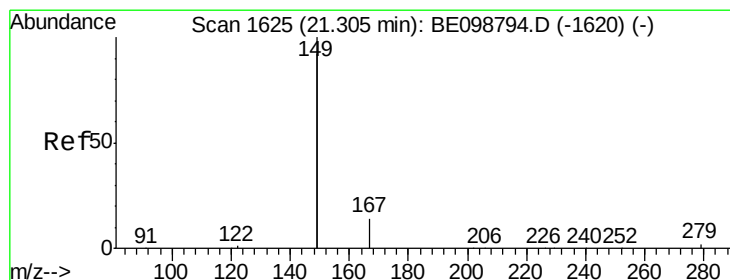
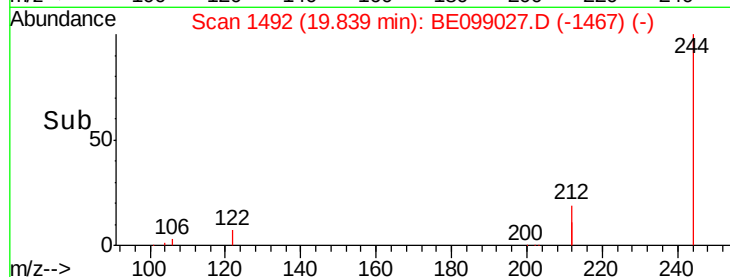
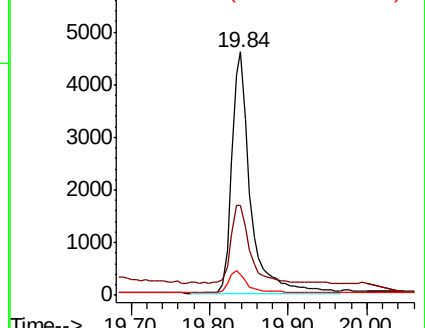
122 8.3 7.1 10.7



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: 0.126 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099027.D

Acq: 19 Mar 2019 7:51

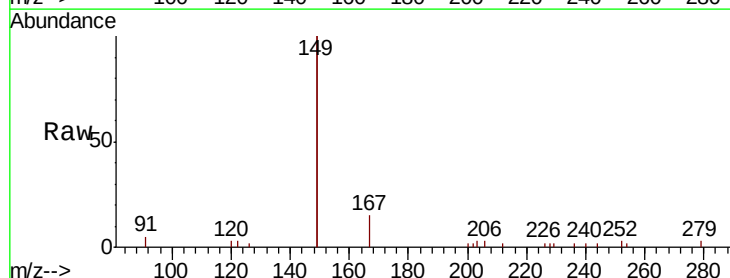
Tgt Ion:149 Resp: 5443

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

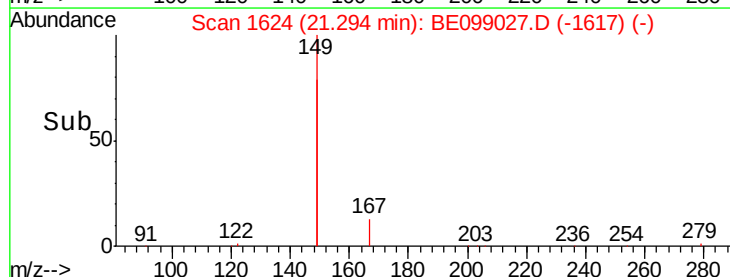
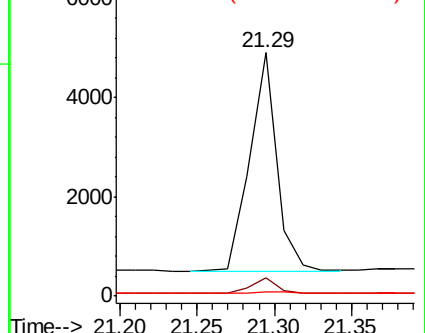
279 1.3 1.0 1.4

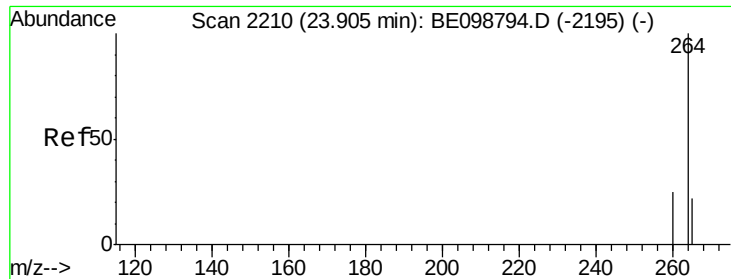


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

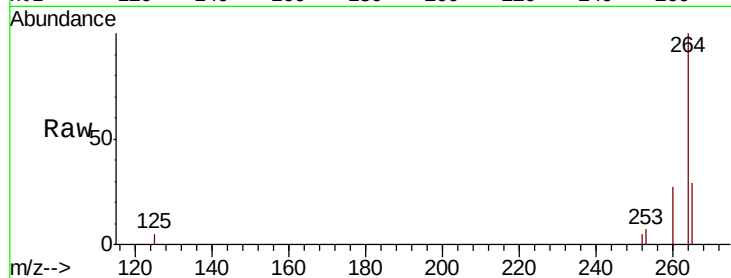




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE099027.D
Acq: 19 Mar 2019 7:51

Instrument :
BNA_E
ClientSampleId :
M4-T4-UV(POST-HYPO)

Tgt Ion: 264 Resp: 5474
Ion Ratio Lower Upper
264 100
260 26.5 21.2 31.8
265 29.4 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E
2500 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

