

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099044.D
 Acq On : 19 Mar 2019 20:32
 Operator : JU/SJ
 Sample : K1965-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW314I-20190314

Quant Time: Mar 20 05:12:10 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

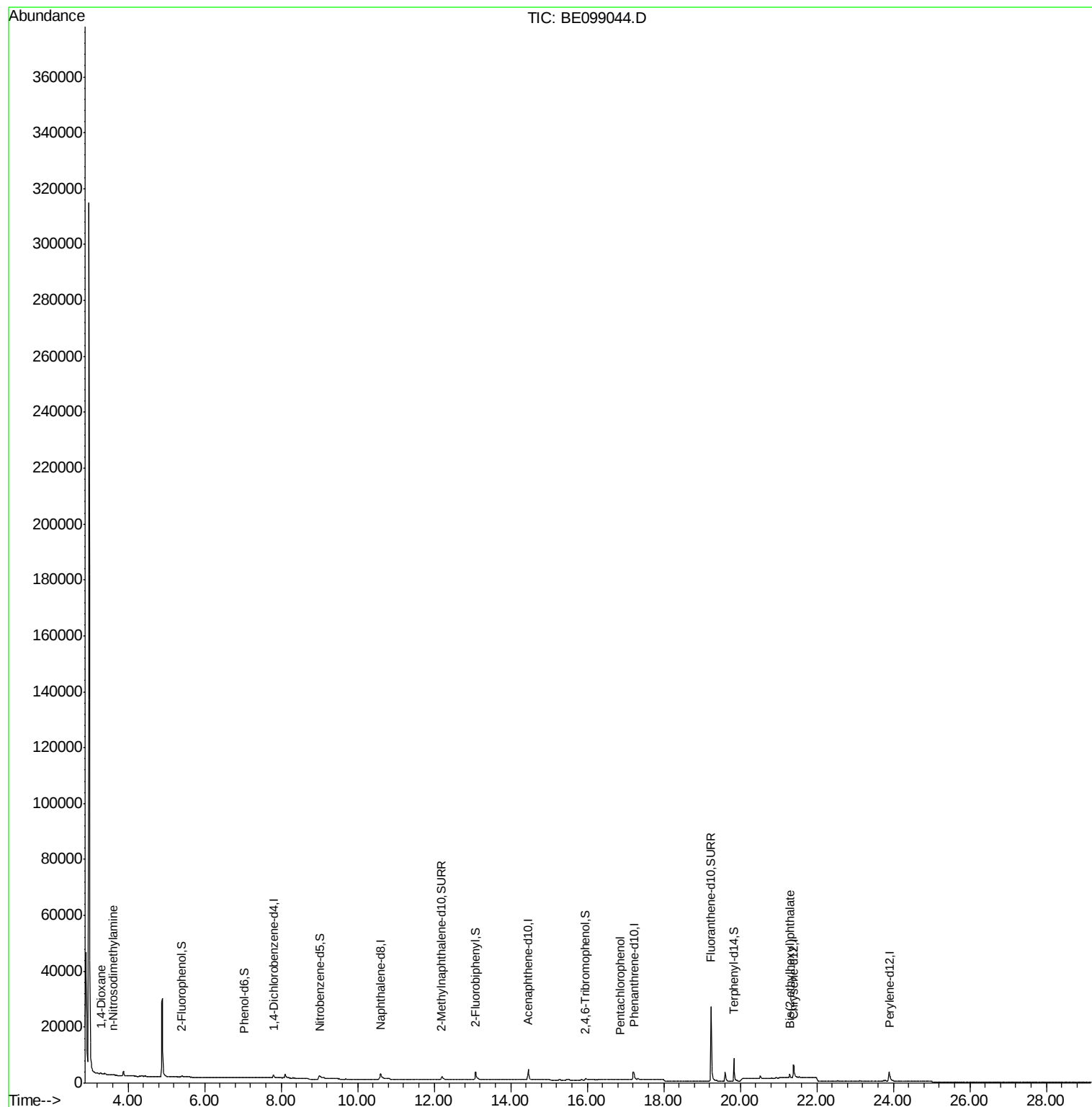
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	902	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3949	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2859	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6523	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7635	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6994	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	562	0.21	ng	0.01
5) Phenol-d6	7.02	99	438	0.11	ng	0.04
8) Nitrobenzene-d5	9.00	82	1606	0.39	ng	0.04
11) 2-Methylnaphthalene-d10	12.19	152	3045	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	500	0.35	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	5350	0.45	ng	0.00
25) Fluoranthene-d10	19.24	212	42945	0.41	ng	0.00
29) Terphenyl-d14	19.83	244	8397	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	346	0.145	ng	# 59
3) n-Nitrosodimethylamine	3.60	42	82	0.036	ng	# 14
22) Pentachlorophenol	16.85	266	10	0.271	ng	85
32) Bis(2-ethylhexyl)phthalate	21.29	149	1765	0.035	ng	# 96

(#) = 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: BE099044.D

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Instrument :

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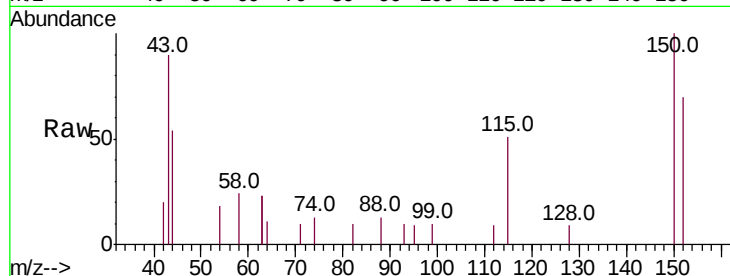
Tot Ion:152 Resp: 902

Ion Ratio Lower Upper

152 100

150 142.3 122.5 183.7

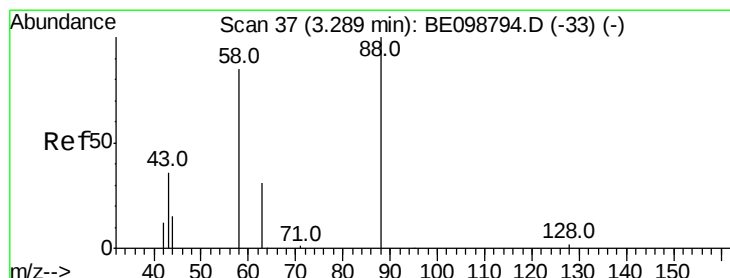
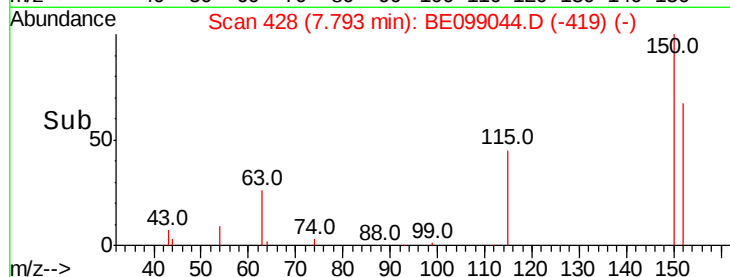
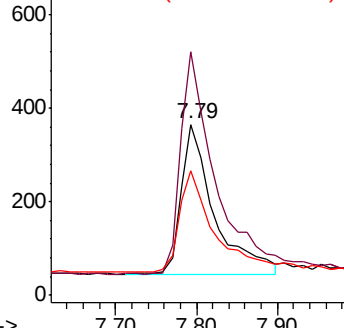
115 72.7 57.4 86.2



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: 0.145 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE099044.D

Acq: 19 Mar 2019 20:32

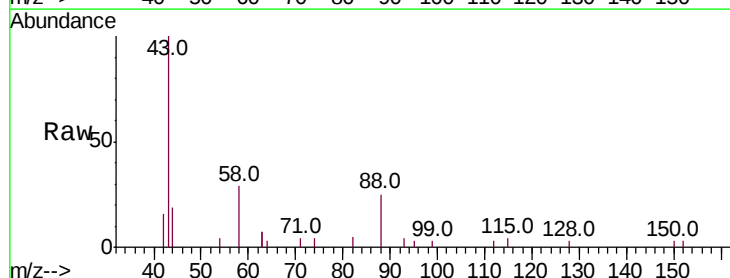
Tgt Ion: 88 Resp: 346

Ion Ratio Lower Upper

88 100

58 72.3 75.8 113.6#

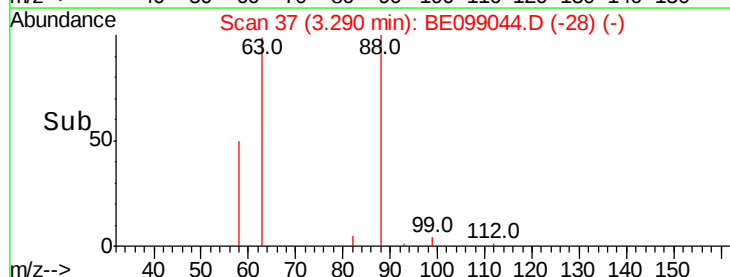
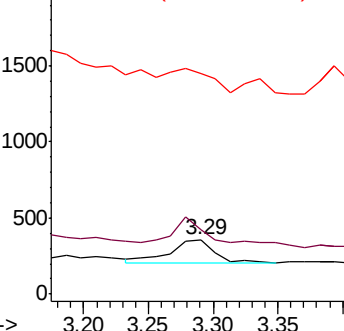
43 0.0 41.8 62.8#



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





#3

n-Nitrosodimethylamine

Concen: 0.036 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.02 min

Lab File: BE099044.D

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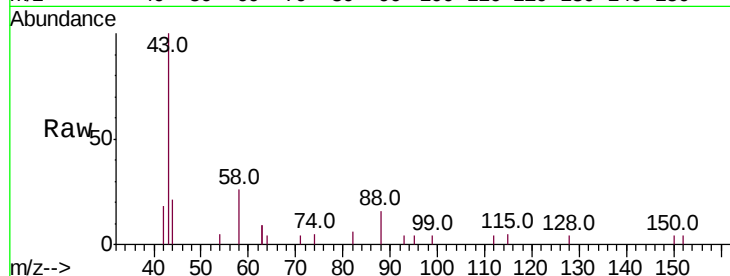
Tot Ion: 42 Resp: 82

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

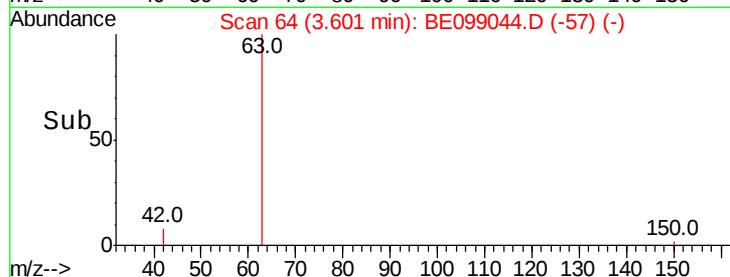
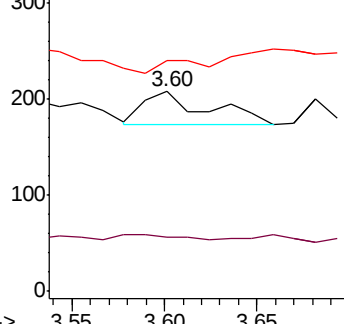
44 0.0 0.0 0.0



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: 0.208 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099044.D

Acq: 19 Mar 2019 20:32

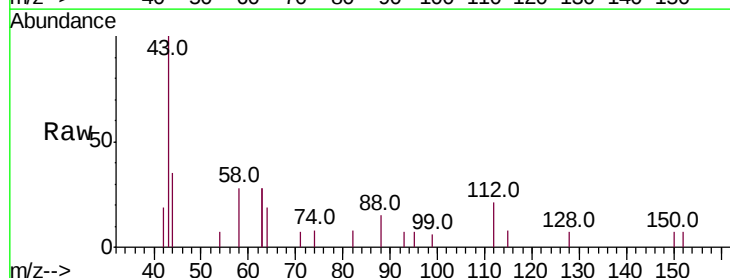
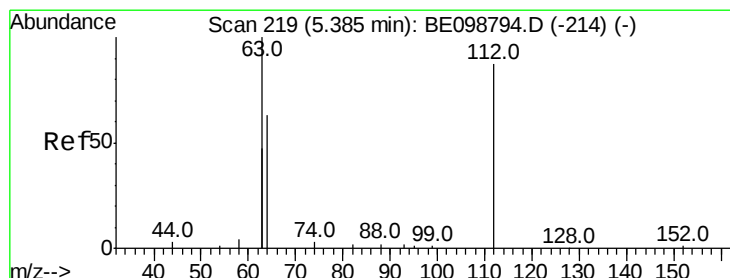
Tgt Ion: 112 Resp: 562

Ion Ratio Lower Upper

112 100

64 72.1 57.9 86.9

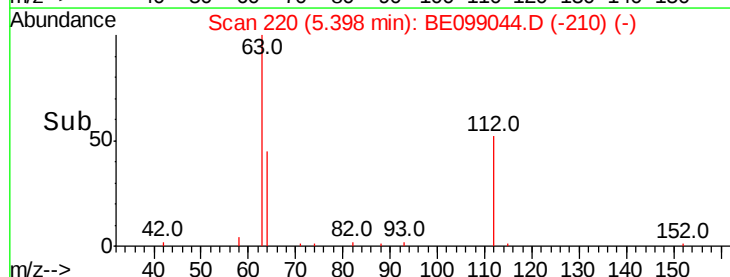
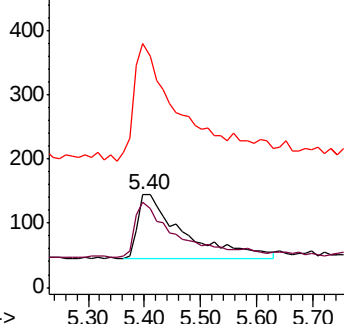
63 167.8 158.3 237.5

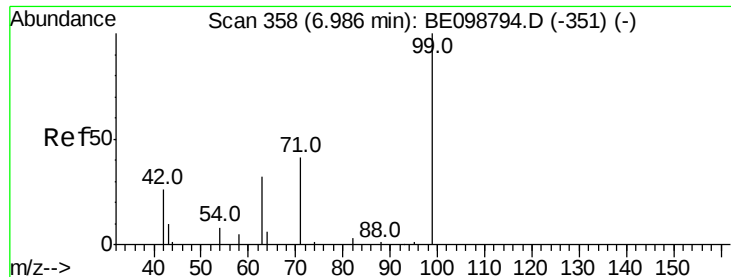


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.115 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.04 min

Lab File: BE099044.D

Acq: 19 Mar 2019 20:32

Instrument :

BNA_E

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BPS1-TT-MW314I-20190314

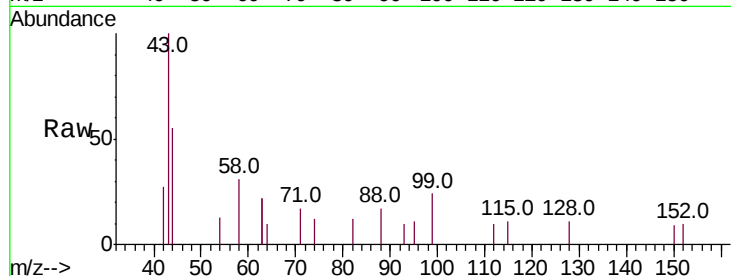
Tot Ion: 99 Resp: 438

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

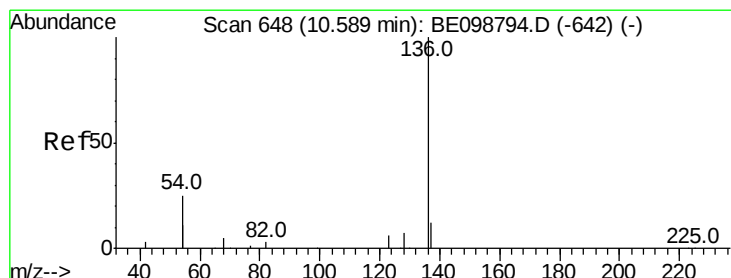
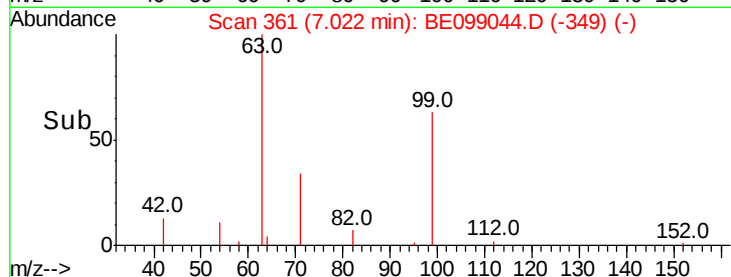
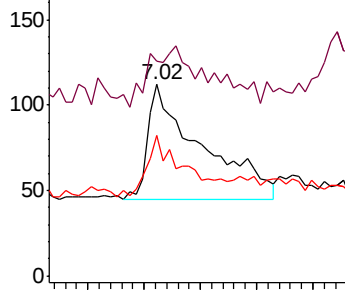
71 39.5 35.7 53.5



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: BE099044.D

Acq: 19 Mar 2019 20:32

Tgt Ion:136 Resp: 3949

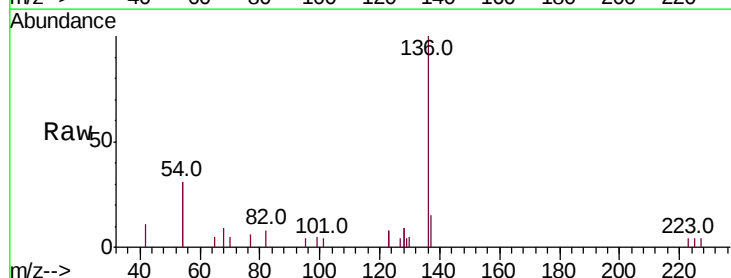
Ion Ratio Lower Upper

136 100

137 15.1 11.4 17.0

54 61.4 39.3 58.9#

68 9.2 6.7 10.1

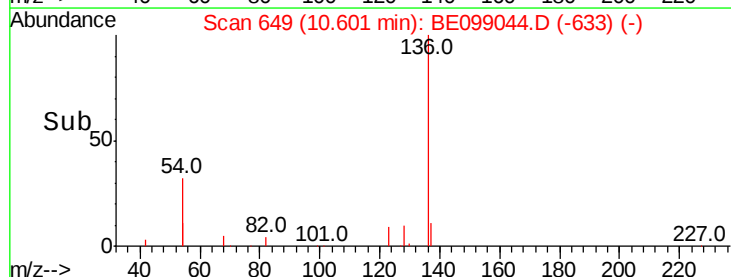
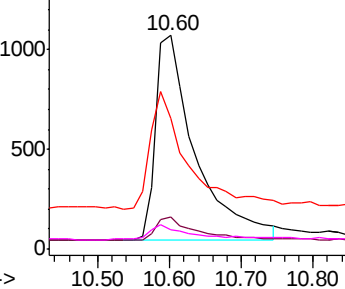


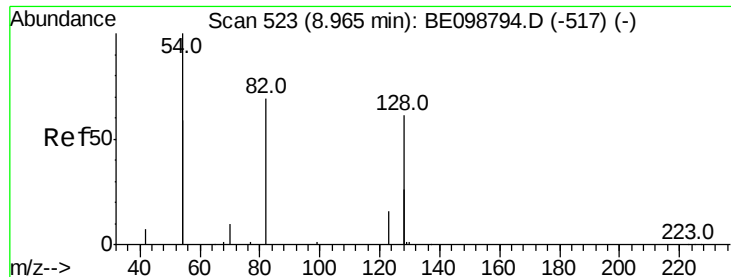
Abundance Ion 136.00 (135.70 to 136.70): E

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

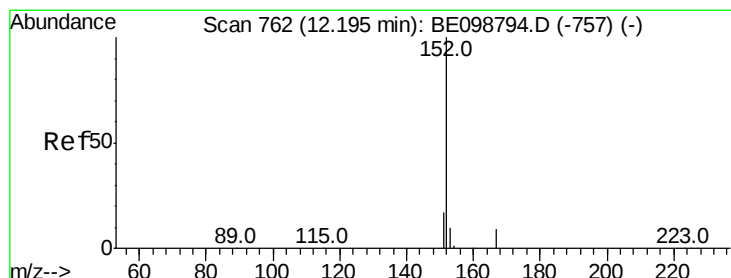
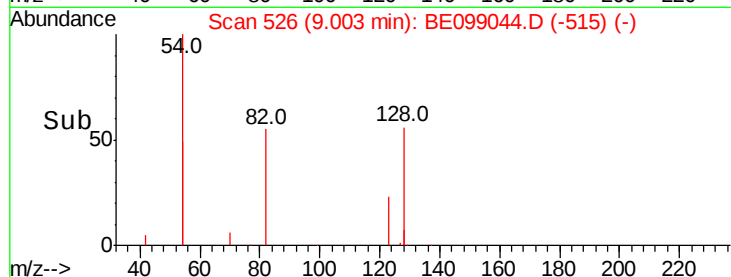
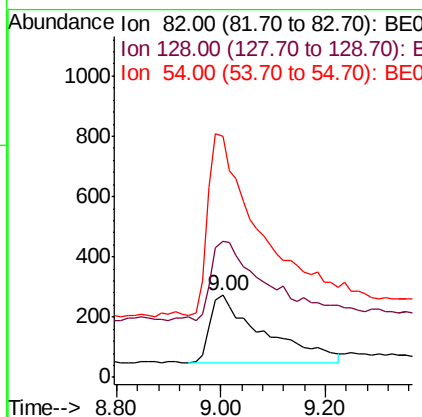
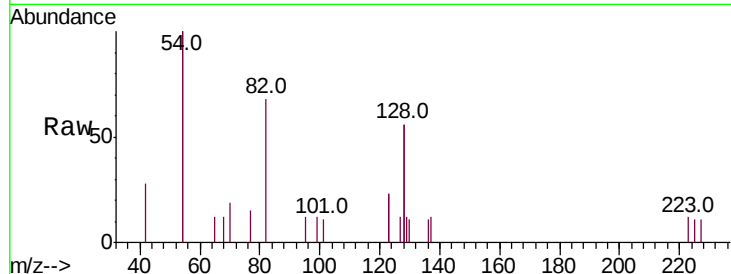




#8
 Nitrobenzene-d5
 Concen: 0.388 ng
 RT: 9.00 min Scan# 526
 Delta R.T. 0.04 min
 Lab File: BE099044.D
 Acq: 19 Mar 2019 20:32

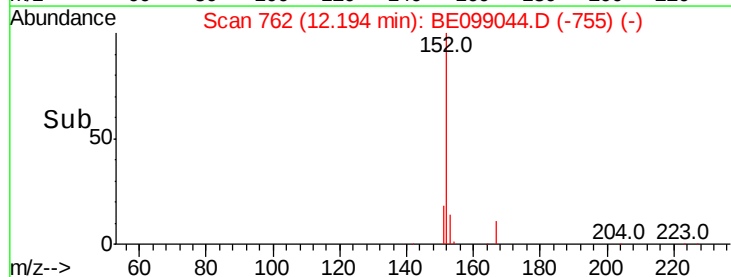
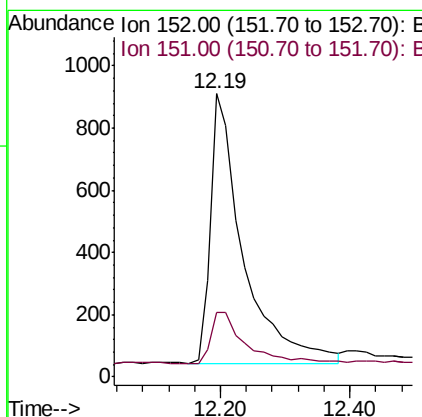
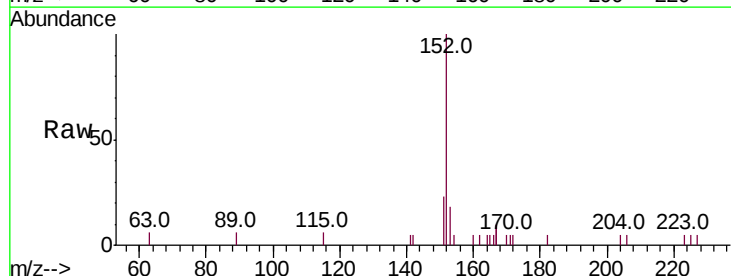
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW314I-20190314

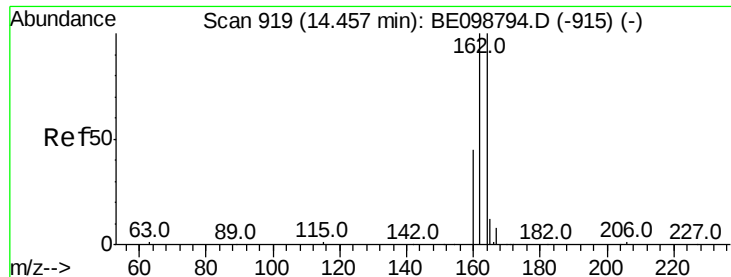
Tot Ion: 82 Resp: 1606
 Ion Ratio Lower Upper
 82 100
 128 166.2 123.8 185.8
 54 294.9 203.4 305.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.417 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099044.D
 Acq: 19 Mar 2019 20:32

Tgt Ion: 152 Resp: 3045
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.5 24.7

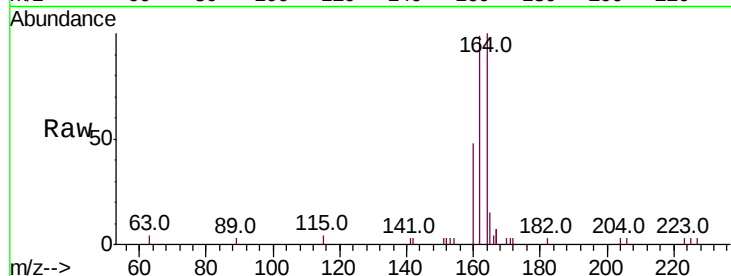




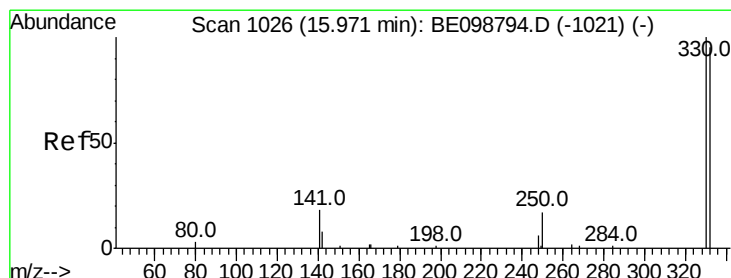
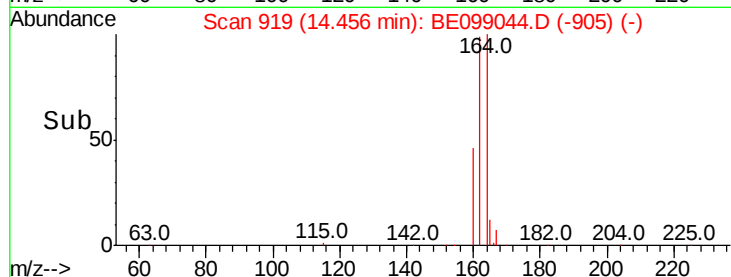
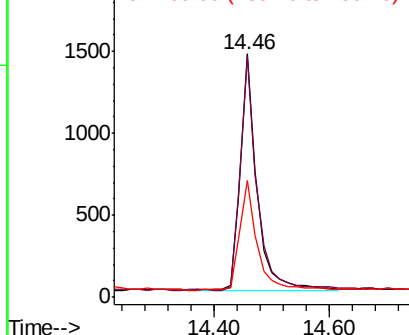
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE099044.D
 Acq: 19 Mar 2019 20:32

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW314I-20190314

Tot Ion:164 Resp: 2859
 Ion Ratio Lower Upper
 164 100
 162 98.8 80.2 120.2
 160 47.7 37.8 56.8

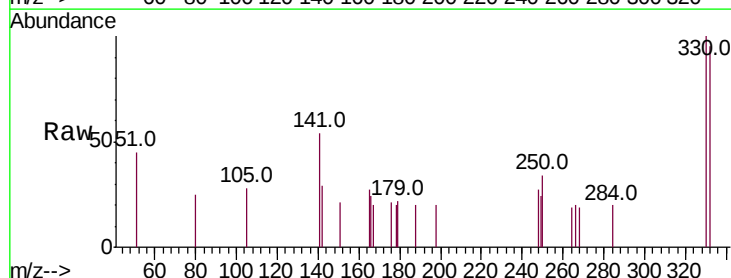


Abundance Ion 164.00 (163.70 to 164.70): E
 2000 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

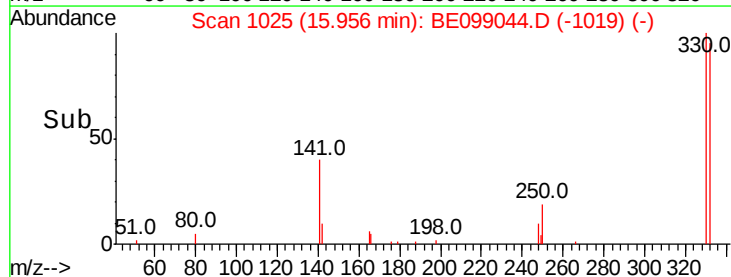
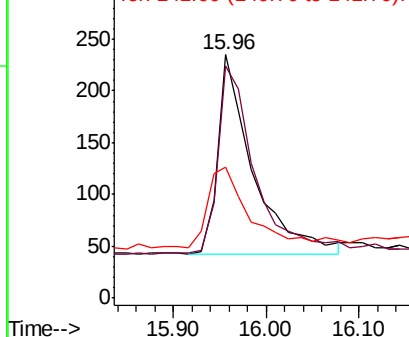


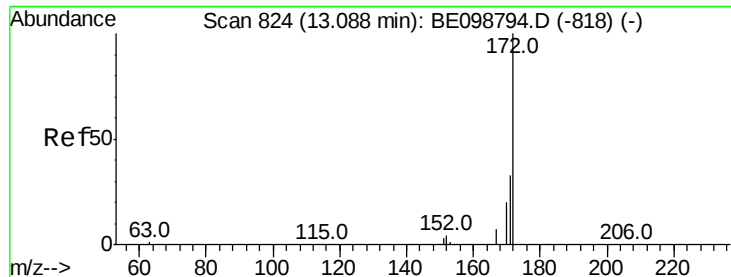
#14
 2,4,6-Tribromophenol
 Concen: 0.346 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE099044.D
 Acq: 19 Mar 2019 20:32

Tgt Ion:330 Resp: 500
 Ion Ratio Lower Upper
 330 100
 332 106.0 77.6 116.4
 141 47.4 31.0 46.4#



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

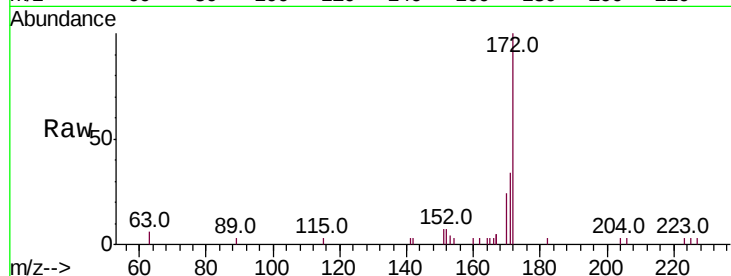




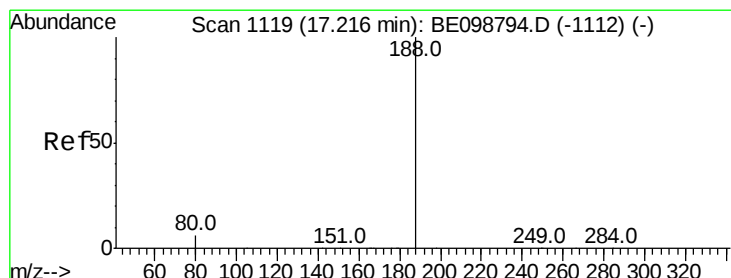
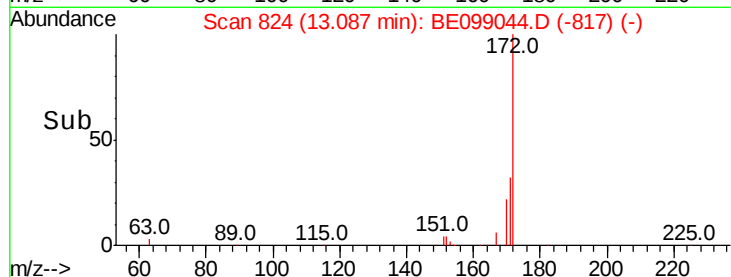
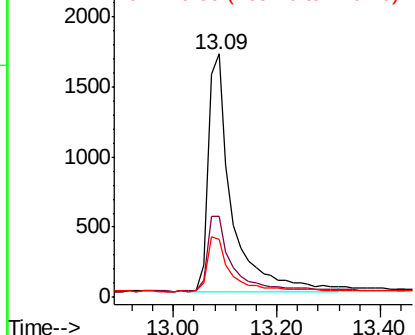
#15
2-Fluorobiphenyl
Concen: 0.452 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099044.D
Acq: 19 Mar 2019 20:32

Instrument :
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Tot Ion:172 Resp: 5350
Ion Ratio Lower Upper
172 100
171 33.5 28.0 42.0
170 23.9 17.7 26.5

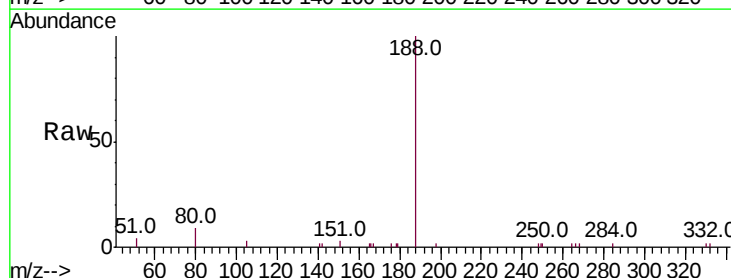


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

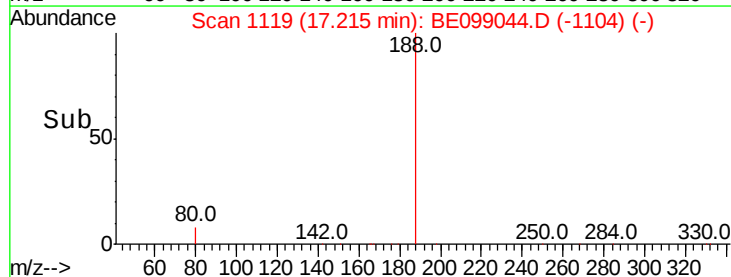
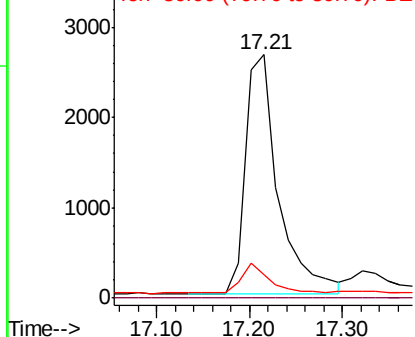


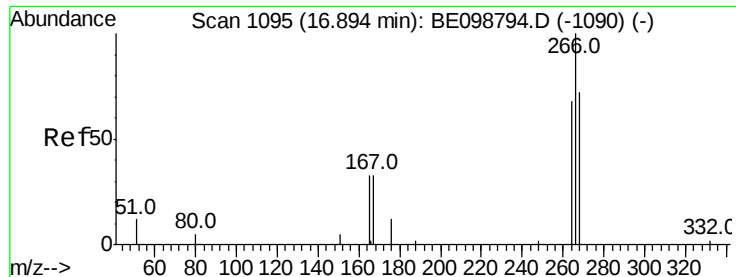
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099044.D
Acq: 19 Mar 2019 20:32

Tgt Ion:188 Resp: 6523
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 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

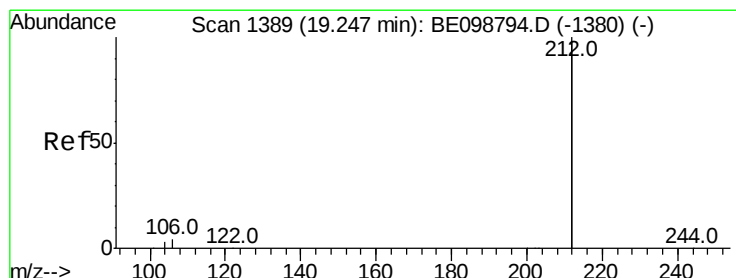
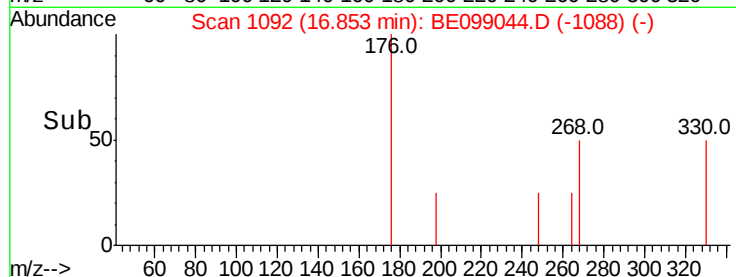
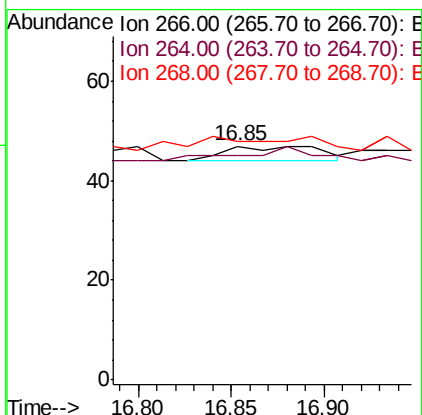
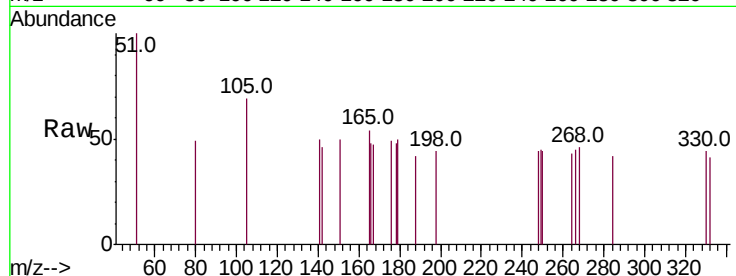




#22
 Pentachlorophenol
 Concen: 0.271 ng
 RT: 16.85 min Scan# 1092
 Delta R.T. -0.04 min
 Lab File: BE099044.D
 Acq: 19 Mar 2019 20:32

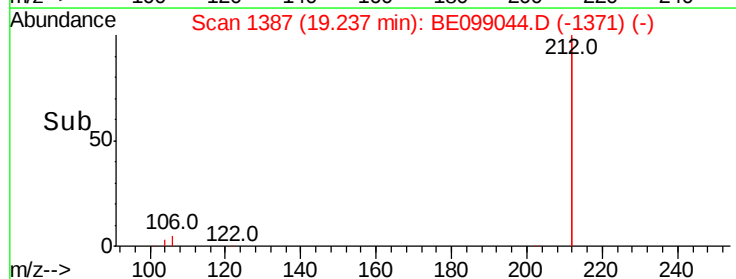
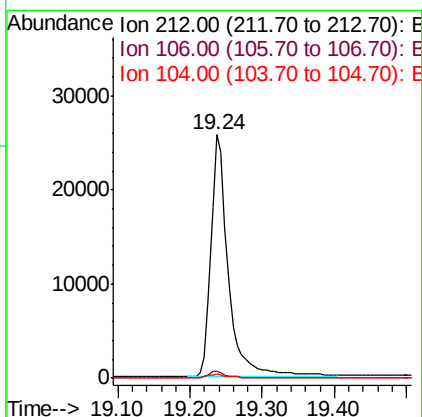
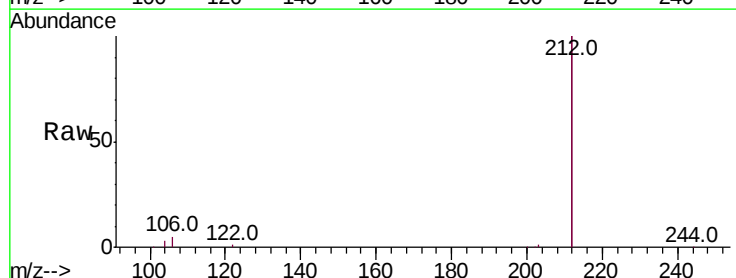
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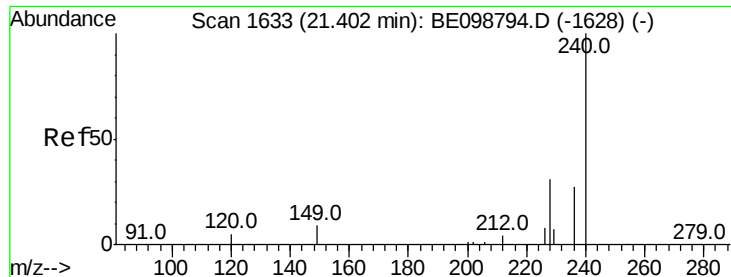
Tot Ion:266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 95.7 66.6 100.0
 268 102.1 69.8 104.8



#25
 Fluoranthene-d10
 Concen: 0.412 ng
 RT: 19.24 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BE099044.D
 Acq: 19 Mar 2019 20:32

Tgt Ion:212 Resp: 42945
 Ion Ratio Lower Upper
 212 100
 106 2.5 1.8 2.8
 104 1.5 1.0 1.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099044.D

Acq: 19 Mar 2019 20:32

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314I-20190314

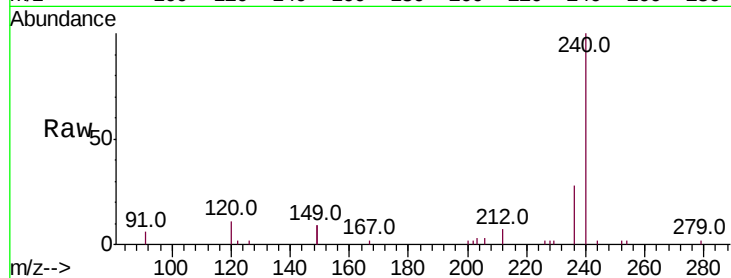
Tot Ion:240 Resp: 7635

Ion Ratio Lower Upper

240 100

120 11.1 5.0 7.4#

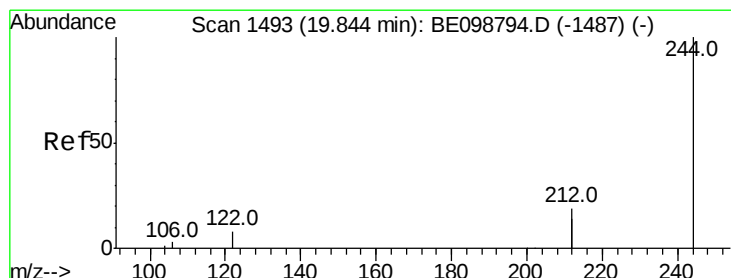
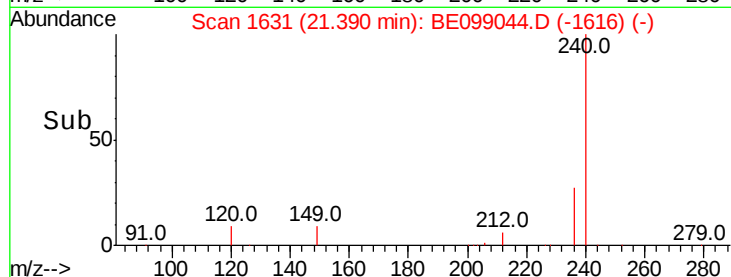
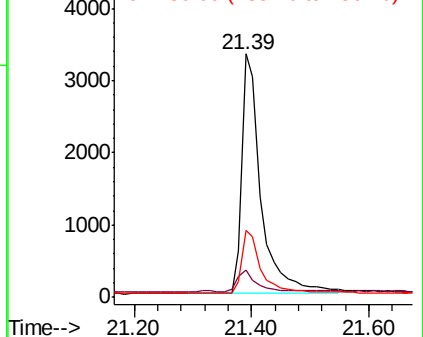
236 27.7 22.7 34.1



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: 0.453 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099044.D

Acq: 19 Mar 2019 20:32

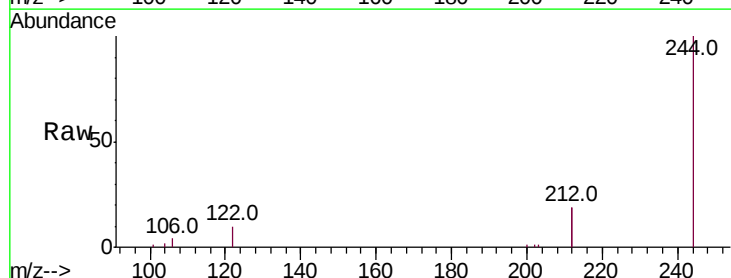
Tgt Ion:244 Resp: 8397

Ion Ratio Lower Upper

244 100

212 37.6 29.4 44.2

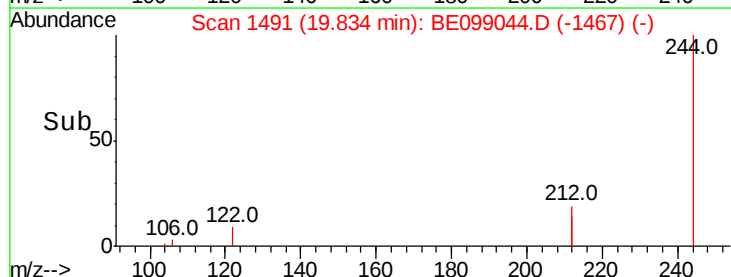
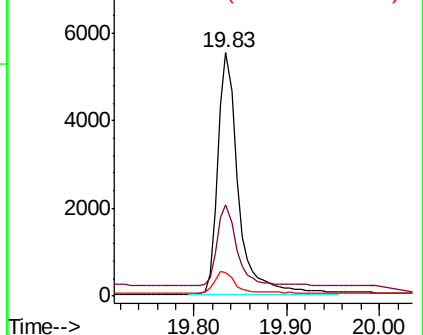
122 9.8 7.1 10.7

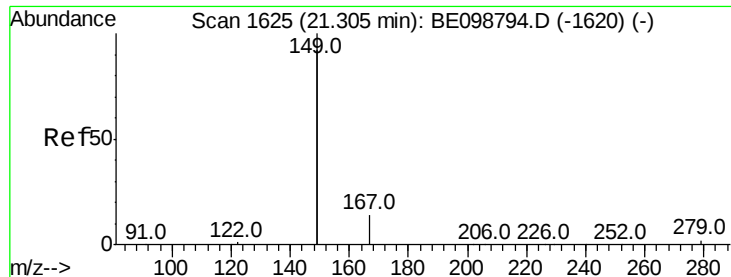


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.035 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099044.D

Acq: 19 Mar 2019 20:32

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314I-20190314

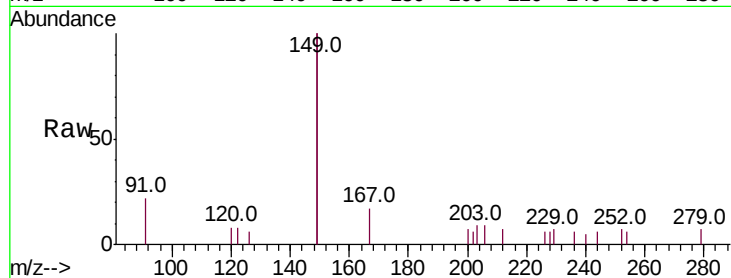
Tot Ion:149 Resp: 1765

Ion Ratio Lower Upper

149 100

167 8.3 5.4 8.0#

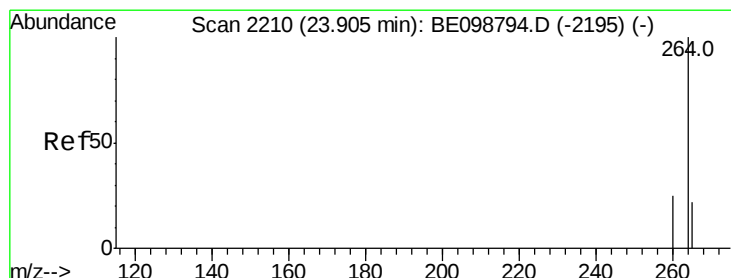
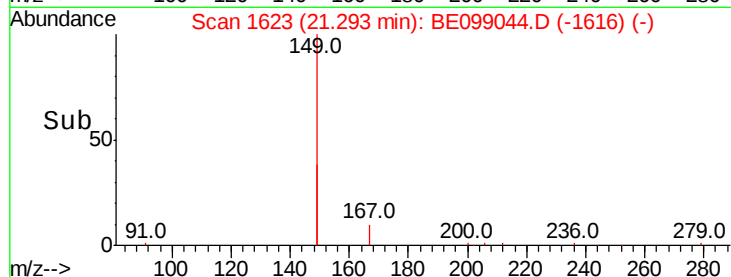
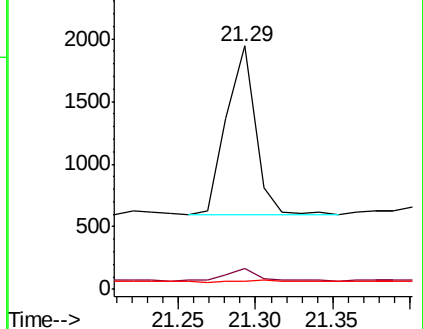
279 1.3 1.0 1.4



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: 23.89 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BE099044.D

Acq: 19 Mar 2019 20:32

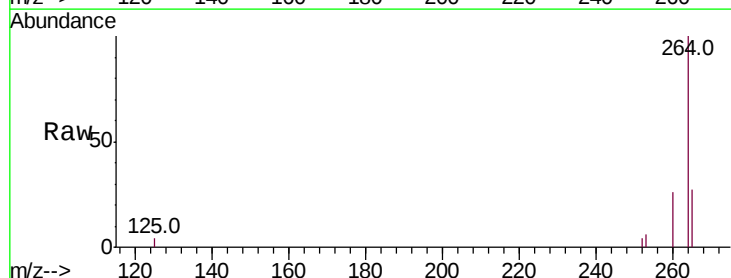
Tgt Ion:264 Resp: 6994

Ion Ratio Lower Upper

264 100

260 26.4 21.2 31.8

265 27.4 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

