

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099054.D
 Acq On : 20 Mar 2019 3:21
 Operator : JU/SJ
 Sample : K1965-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30211-20190315

Quant Time: Mar 20 05:13:25 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

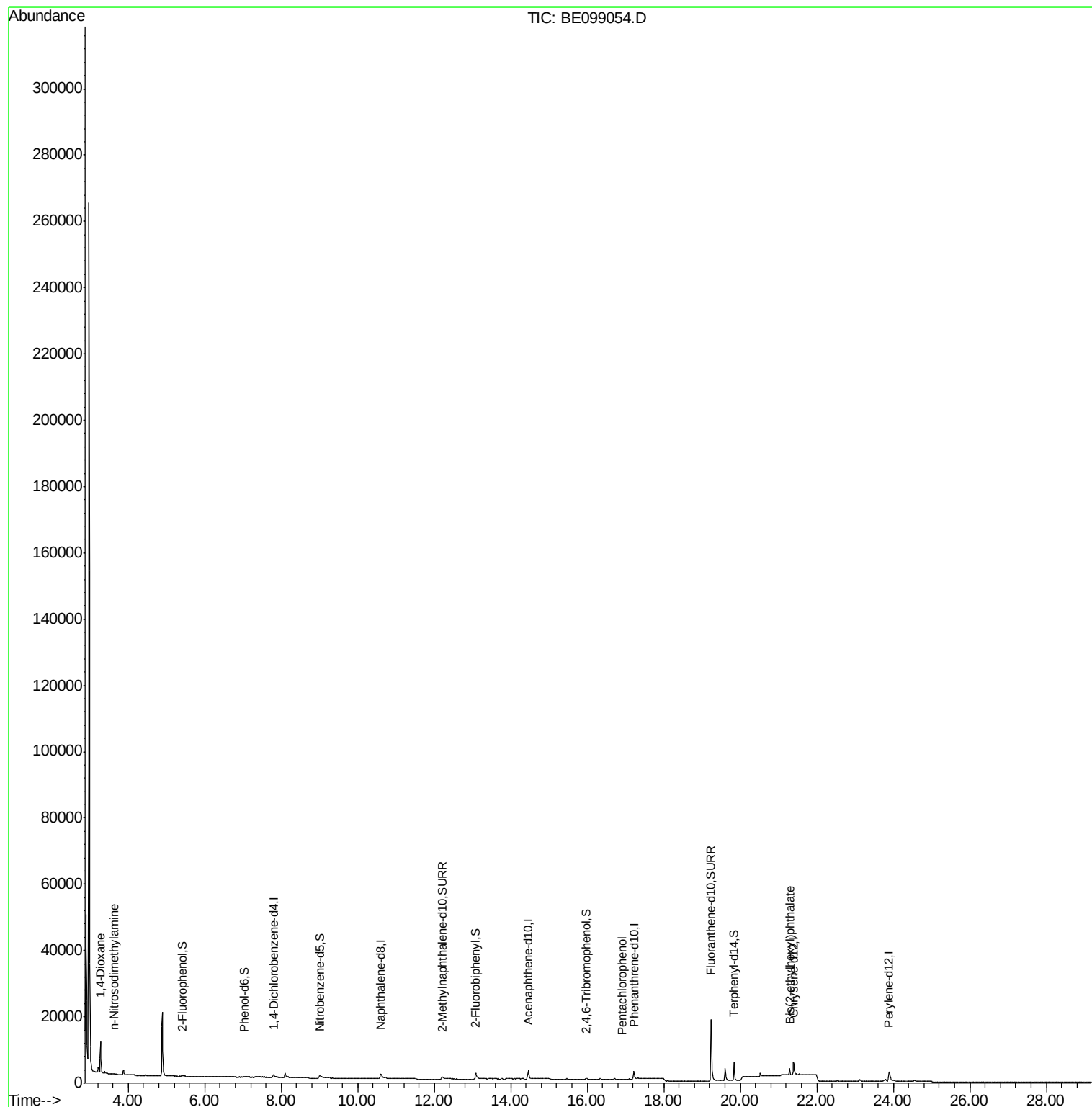
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	706	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3004	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2232	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5060	0.40	ng	0.00
27) Chrysene-d12	21.39	240	6281	0.40	ng	-0.01
34) Perylene-d12	23.89	264	5768	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	339	0.16	ng	0.02
5) Phenol-d6	7.02	99	292	0.10	ng	0.03
8) Nitrobenzene-d5	9.02	82	1097	0.35	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2222	0.40	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	386	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3630	0.39	ng	0.00
25) Fluoranthene-d10	19.24	212	32026	0.40	ng	-0.01
29) Terphenyl-d14	19.83	244	5980	0.39	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	5196	4.676	ng	99
3) n-Nitrosodimethylamine	3.62	42	89	0.050	ng	# 30
22) Pentachlorophenol	16.91	266	21	0.283	ng	88
32) Bis(2-ethylhexyl)phthalate	21.29	149	2558	0.061	ng	# 99

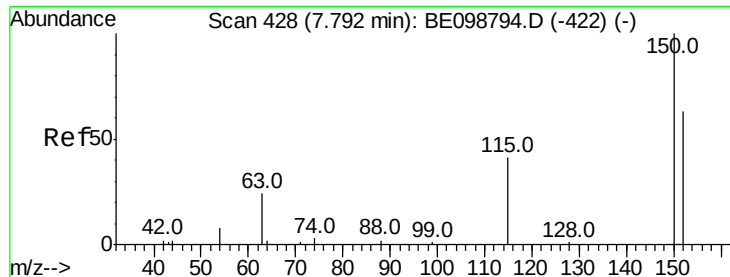
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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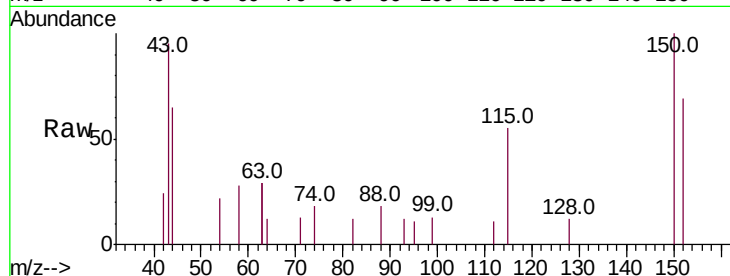


#1

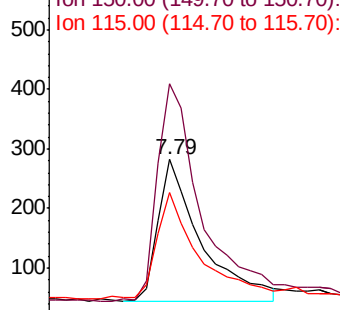
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099054.D
Acq: 20 Mar 2019 3:21

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30211-20190315

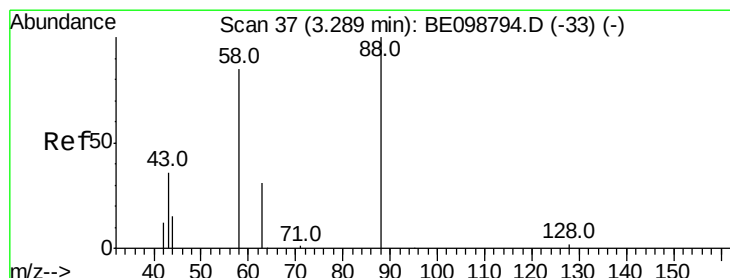
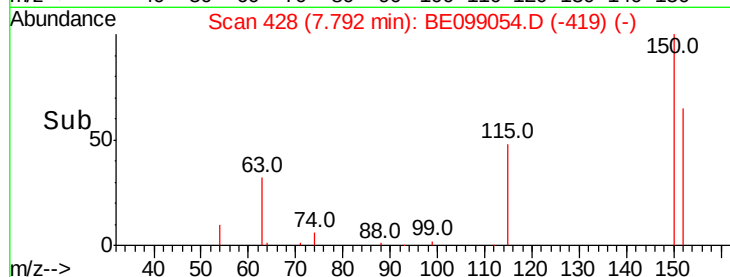
Tot Ion:152 Resp: 706
Ion Ratio Lower Upper
152 100
150 145.0 122.5 183.7
115 80.1 57.4 86.2



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



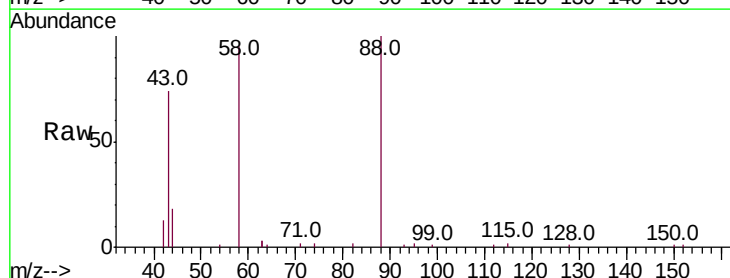
Time-->



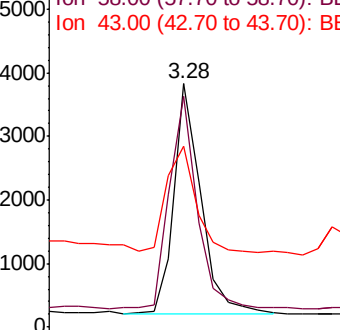
#2

1,4-Dioxane
Concen: 4.676 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099054.D
Acq: 20 Mar 2019 3:21

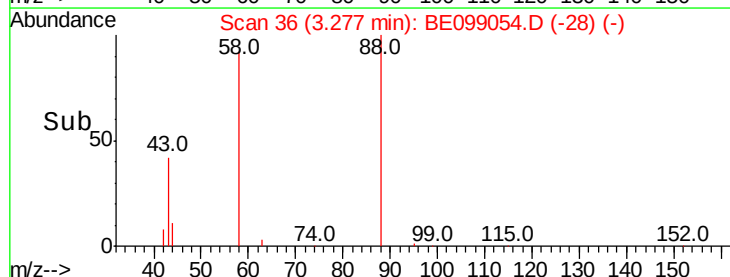
Tgt Ion: 88 Resp: 5196
Ion Ratio Lower Upper
88 100
58 93.8 75.8 113.6
43 50.7 41.8 62.8

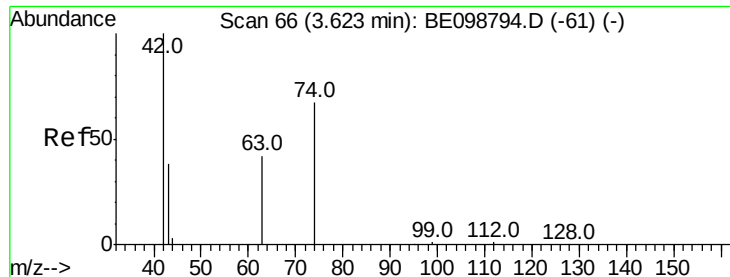


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.050 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.00 min

Lab File: BE099054.D

Acq: 20 Mar 2019 3:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20190315

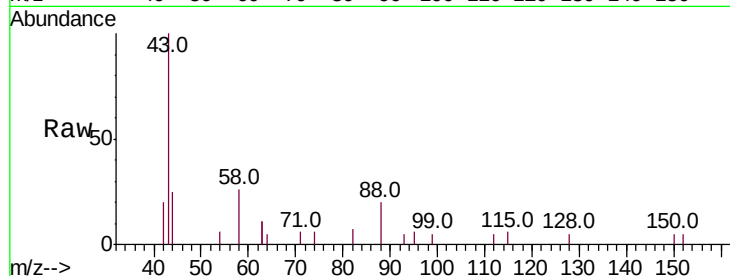
Tot Ion: 42 Resp: 89

Ion Ratio Lower Upper

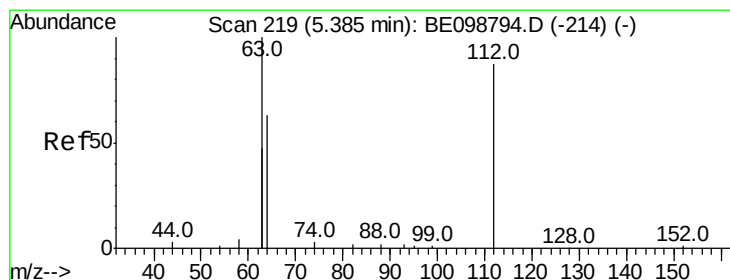
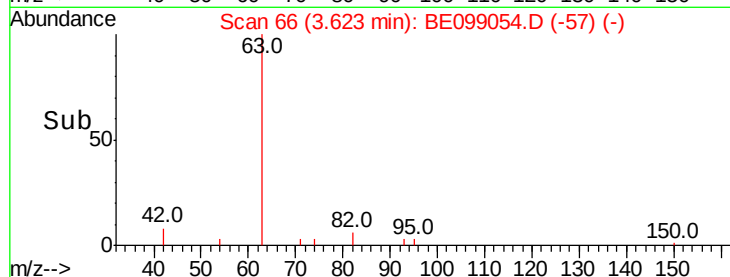
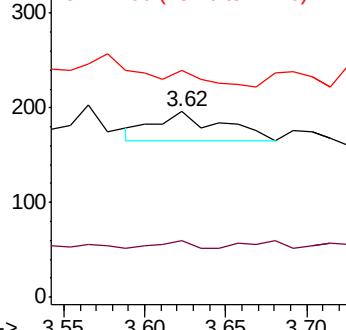
42 100

74 13.5 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: 0.161 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE099054.D

Acq: 20 Mar 2019 3:21

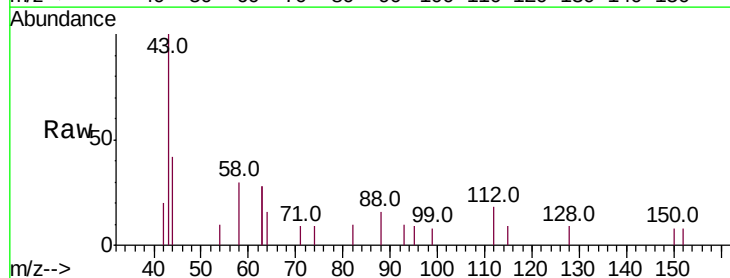
Tgt Ion: 112 Resp: 339

Ion Ratio Lower Upper

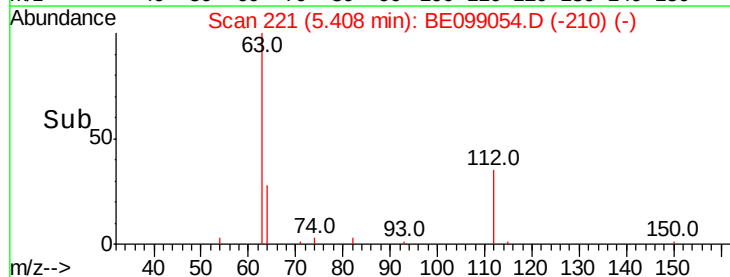
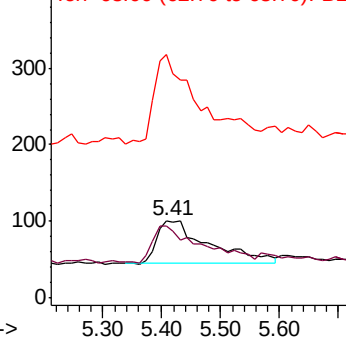
112 100

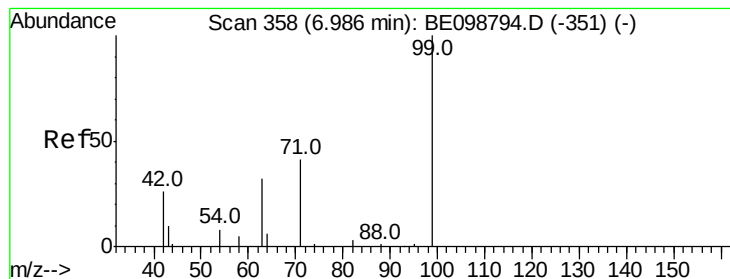
64 78.2 57.9 86.9

63 159.3 158.3 237.5



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: 0.098 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.03 min

Lab File: BE099054.D

Acq: 20 Mar 2019 3:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20190315

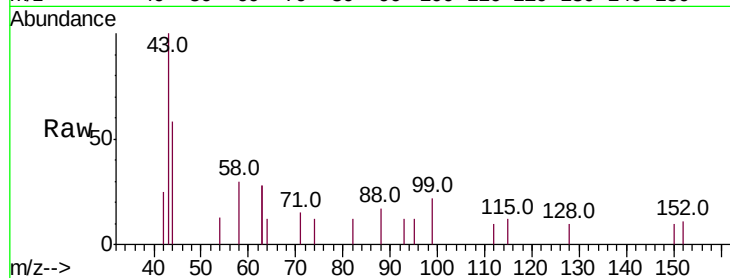
Tot Ion: 99 Resp: 292

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

71 28.4 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

150

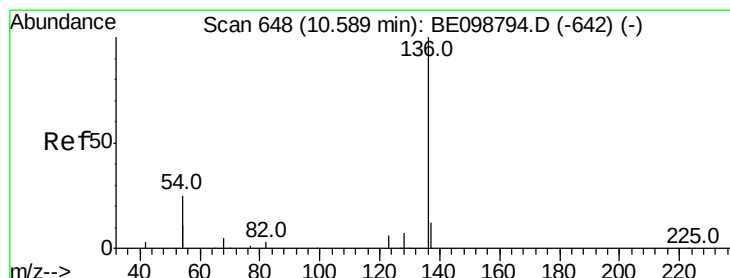
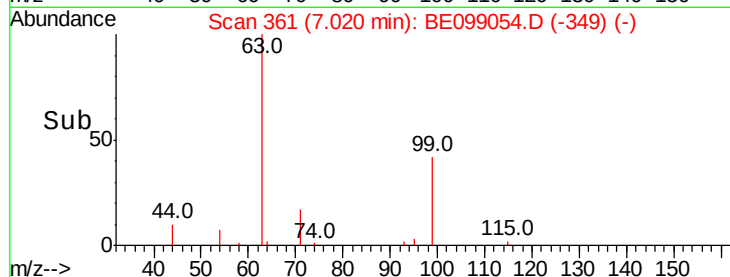
100

50

0

6.80 6.90 7.00 7.10 7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099054.D

Acq: 20 Mar 2019 3:21

Tgt Ion: 136 Resp: 3004

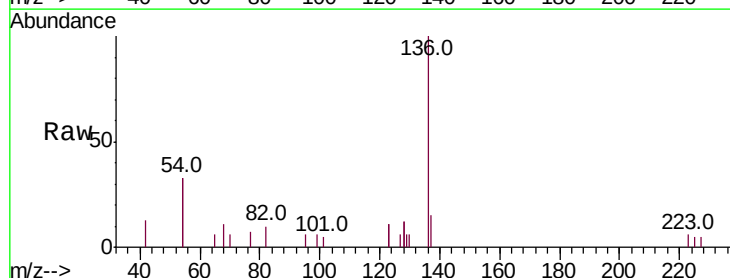
Ion Ratio Lower Upper

136 100

137 14.7 11.4 17.0

54 66.2 39.3 58.9#

68 11.1 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

1200

1000

800

600

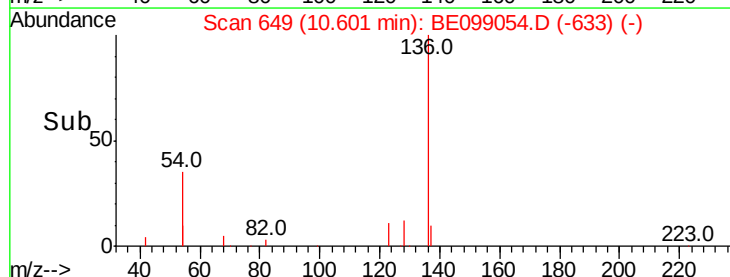
400

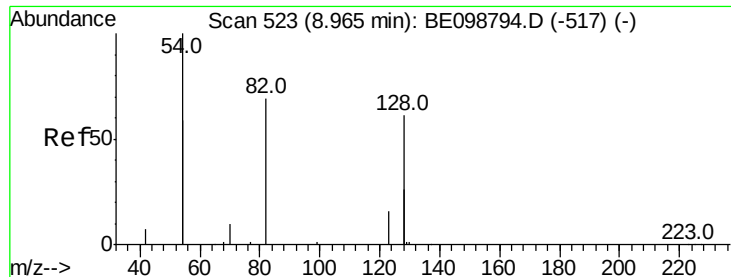
200

0

10.40 10.60 10.80

Time-->

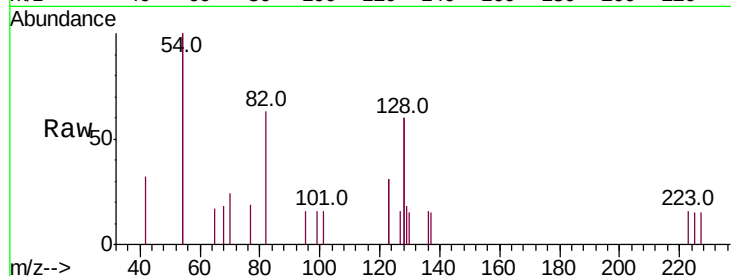




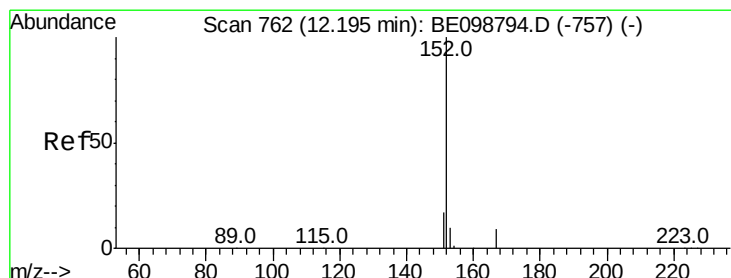
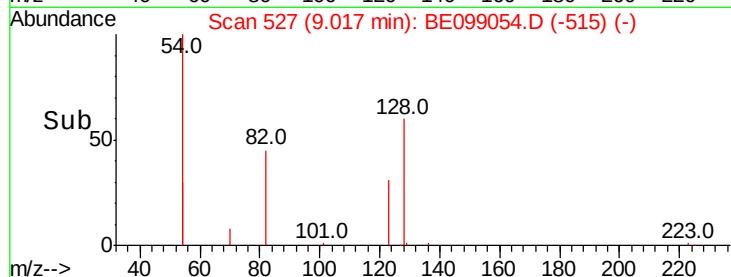
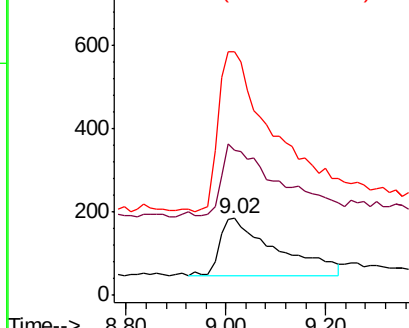
#8
 Nitrobenzene-d5
 Concen: 0.348 ng
 RT: 9.02 min Scan# 527
 Delta R.T. 0.05 min
 Lab File: BE099054.D
 Acq: 20 Mar 2019 3:21

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30211-20190315

Tot Ion	82	Resp	1097
Ion Ratio	Lower	Upper	
82	100		
128	189.2	123.8	185.8#
54	316.8	203.4	305.2#

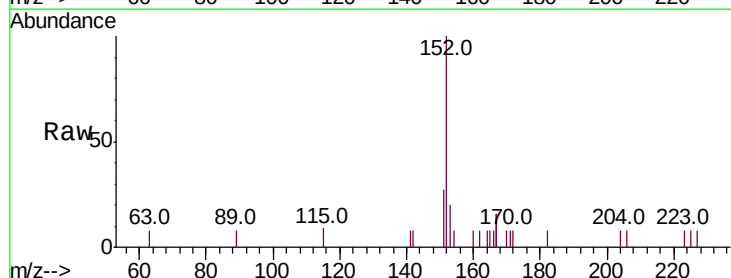


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

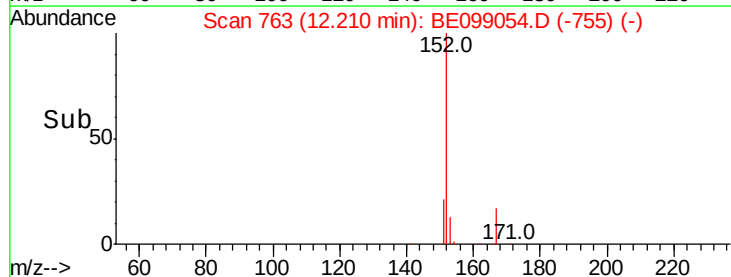
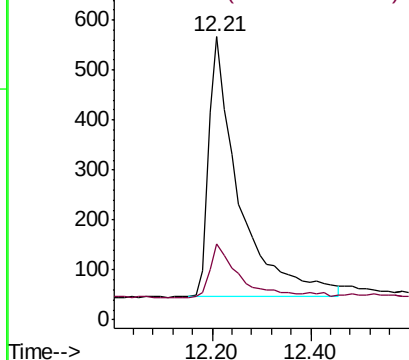


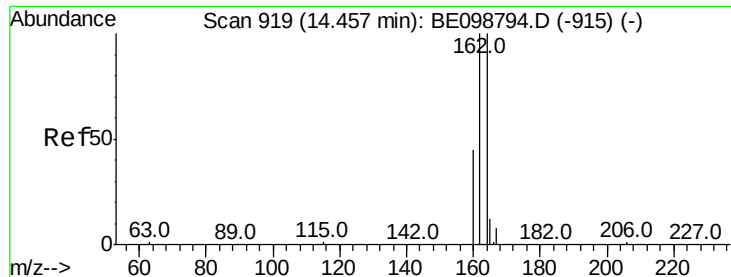
#11
 2-Methylnaphthalene-d10
 Concen: 0.400 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.02 min
 Lab File: BE099054.D
 Acq: 20 Mar 2019 3:21

Tgt Ion	152	Resp	2222
Ion Ratio	Lower	Upper	
152	100		
151	20.1	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: BE099054.D

Acq: 20 Mar 2019 3:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20190315

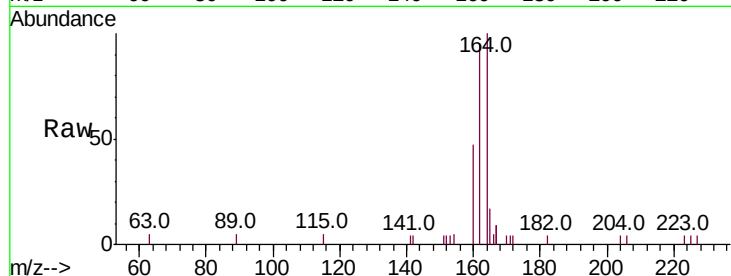
Tot Ion:164 Resp: 2232

Ion Ratio Lower Upper

164 100

162 95.3 80.2 120.2

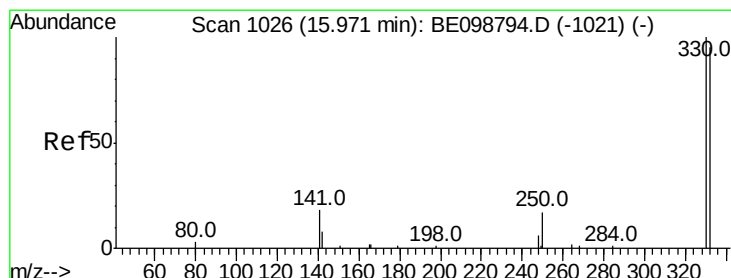
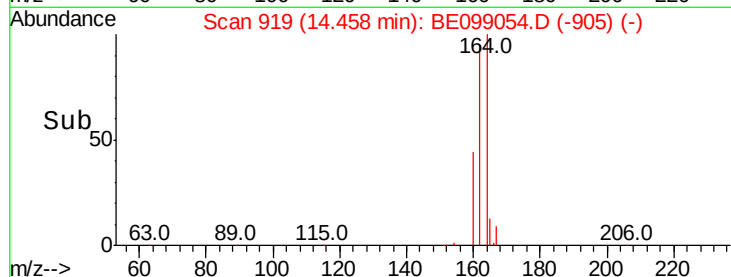
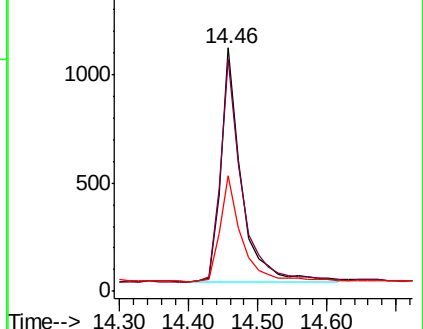
160 47.2 37.8 56.8



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: BE099054.D

Acq: 20 Mar 2019 3:21

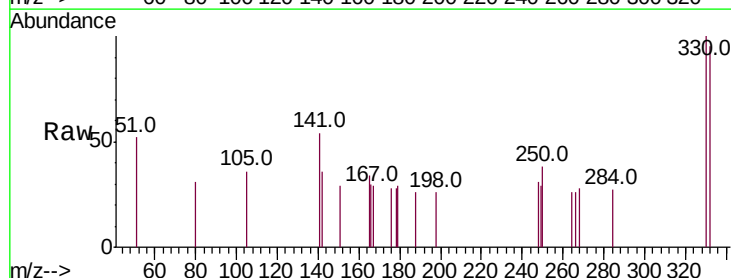
Tgt Ion:330 Resp: 386

Ion Ratio Lower Upper

330 100

332 95.6 77.6 116.4

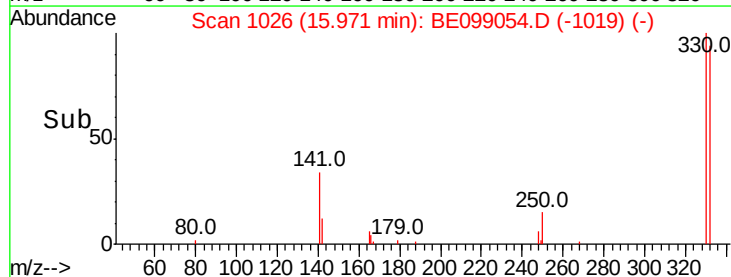
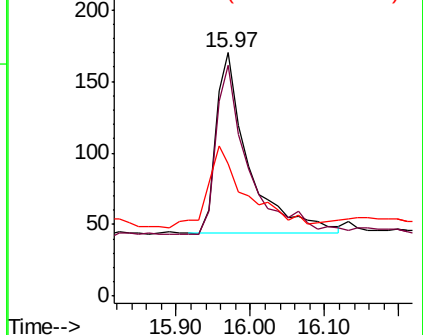
141 44.0 31.0 46.4

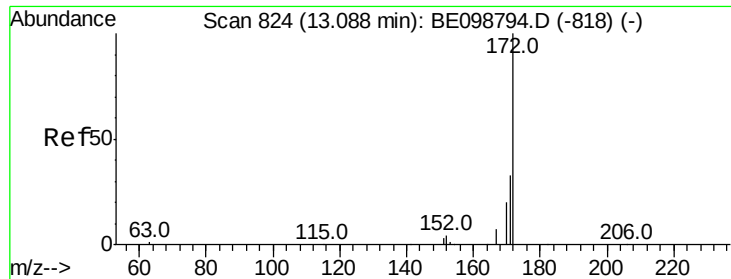


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

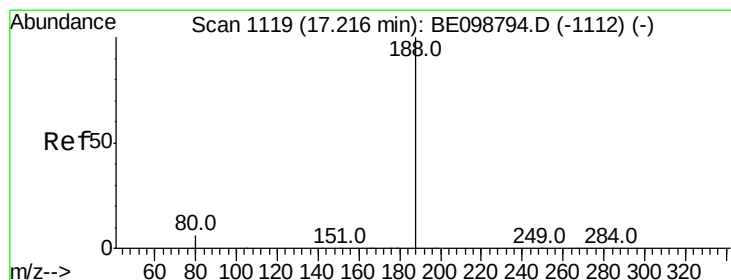
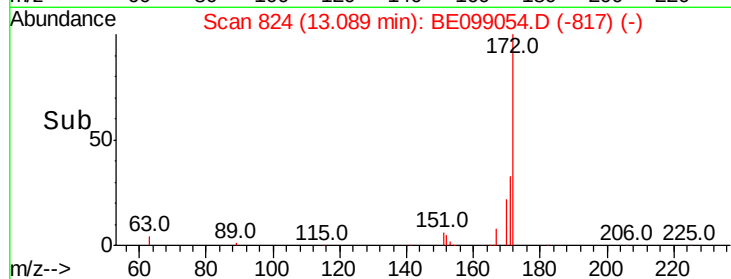
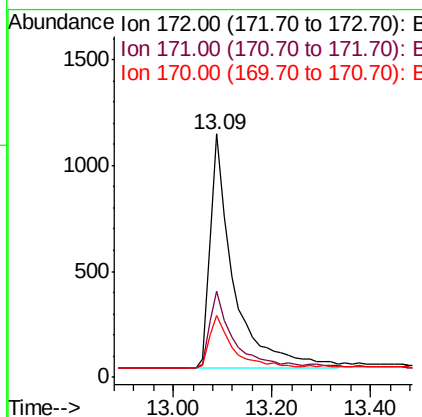
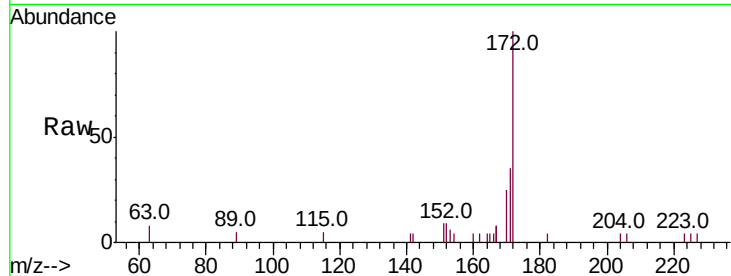




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099054.D
Acq: 20 Mar 2019 3:21

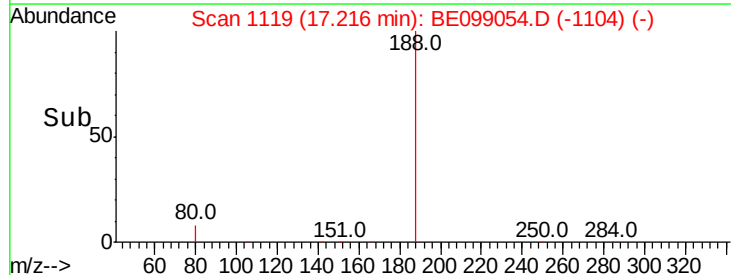
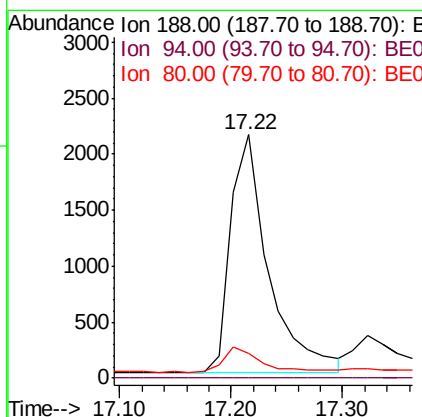
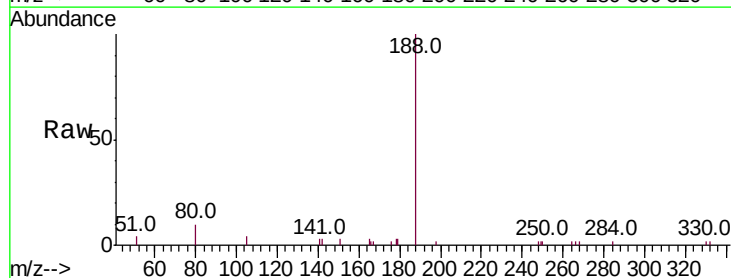
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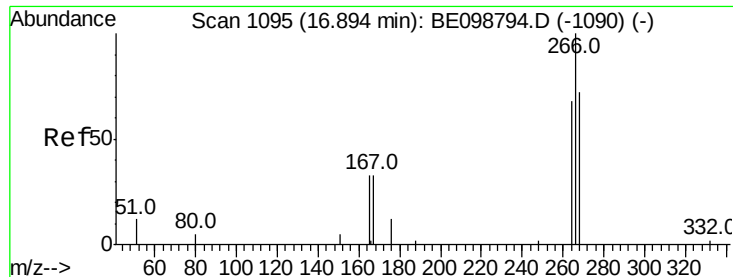
Tot Ion:172 Resp: 3630
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 25.3 17.7 26.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099054.D
Acq: 20 Mar 2019 3:21

Tgt Ion:188 Resp: 5060
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 6.3 9.5#





#22

Pentachlorophenol

Concen: 0.283 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE099054.D

Acq: 20 Mar 2019 3:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20190315

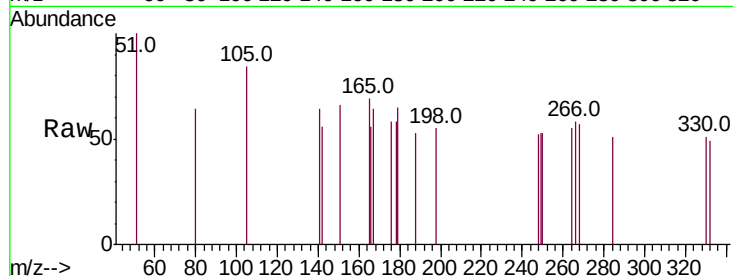
Tot Ion:266 Resp: 21

Ion Ratio Lower Upper

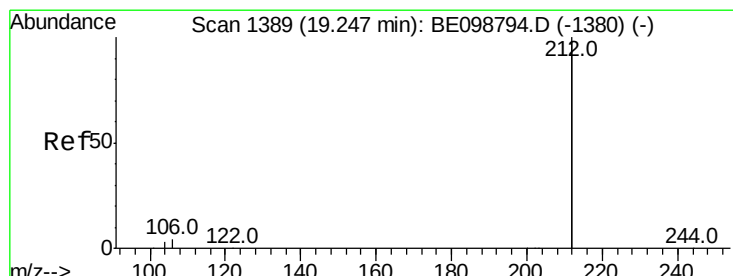
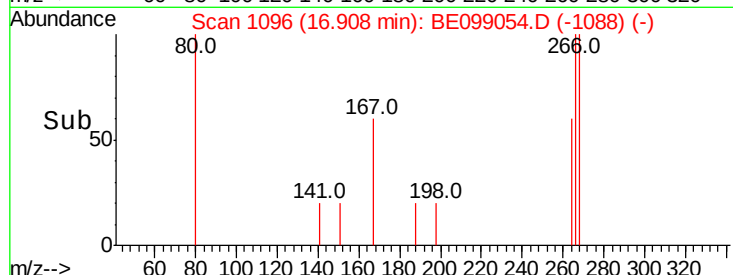
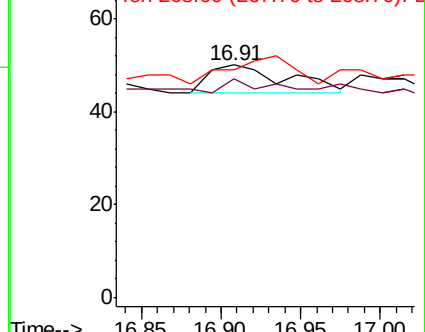
266 100

264 94.0 66.6 100.0

268 98.0 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: 0.397 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099054.D

Acq: 20 Mar 2019 3:21

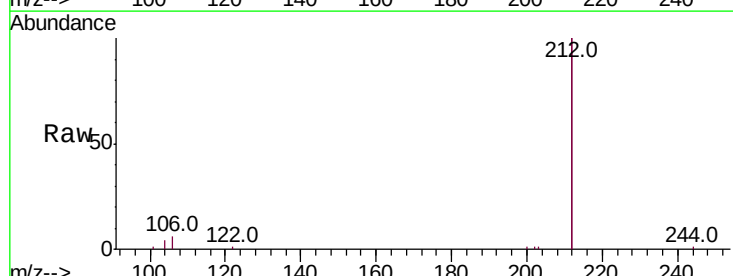
Tgt Ion:212 Resp: 32026

Ion Ratio Lower Upper

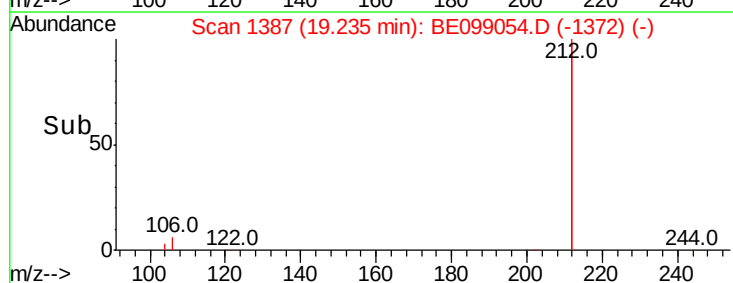
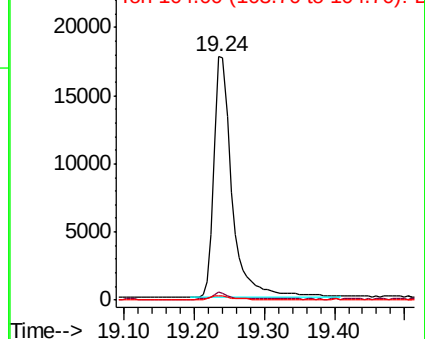
212 100

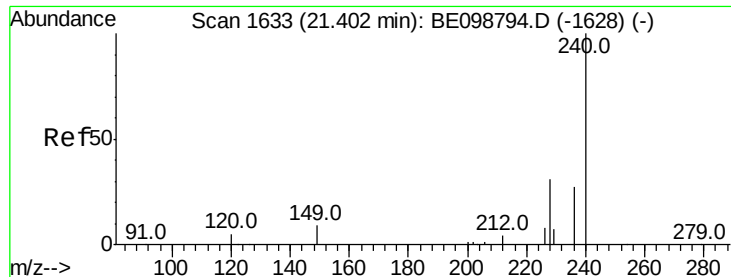
106 2.5 1.8 2.8

104 1.5 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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099054.D

Acq: 20 Mar 2019 3:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20190315

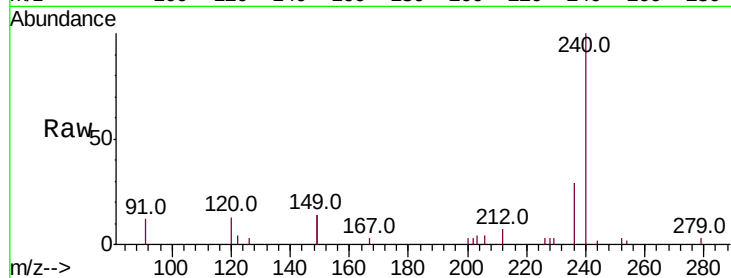
Tot Ion:240 Resp: 6281

Ion Ratio Lower Upper

240 100

120 12.6 5.0 7.4#

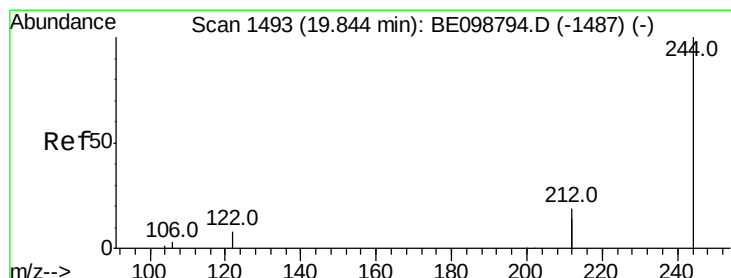
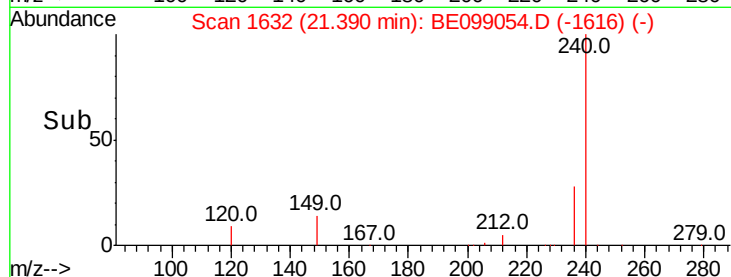
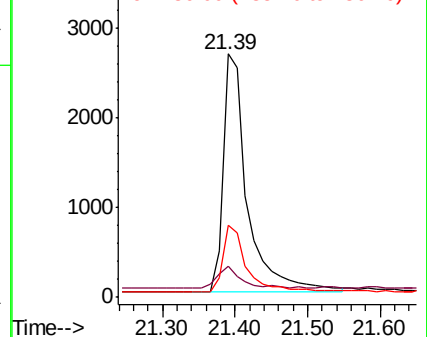
236 29.4 22.7 34.1



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: 0.392 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099054.D

Acq: 20 Mar 2019 3:21

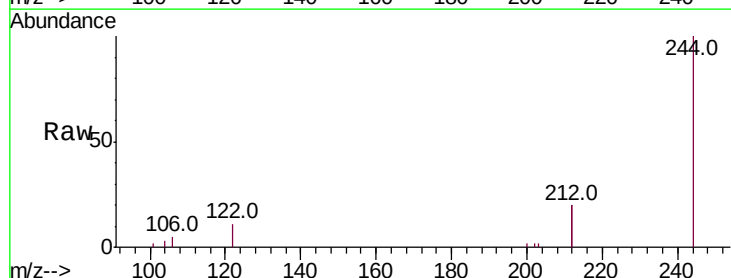
Tgt Ion:244 Resp: 5980

Ion Ratio Lower Upper

244 100

212 40.6 29.4 44.2

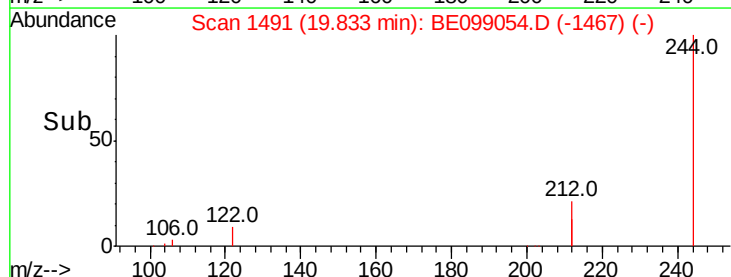
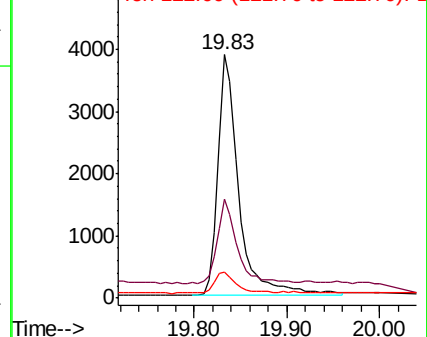
122 10.8 7.1 10.7#

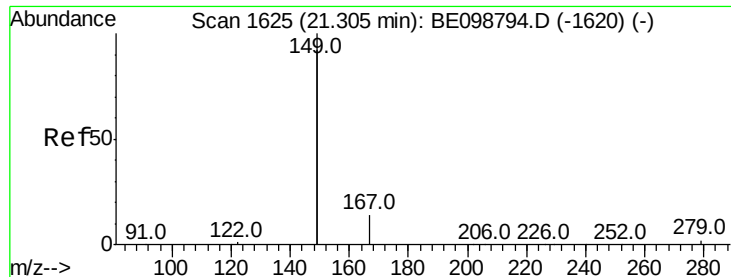


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.061 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099054.D

Acq: 20 Mar 2019 3:21

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20190315

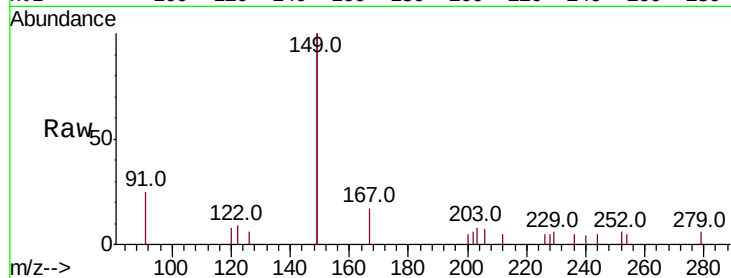
Tot Ion:149 Resp: 2558

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

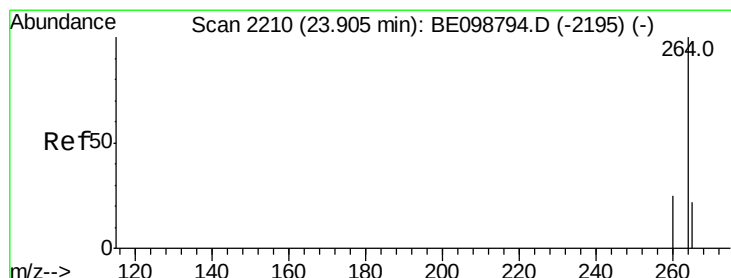
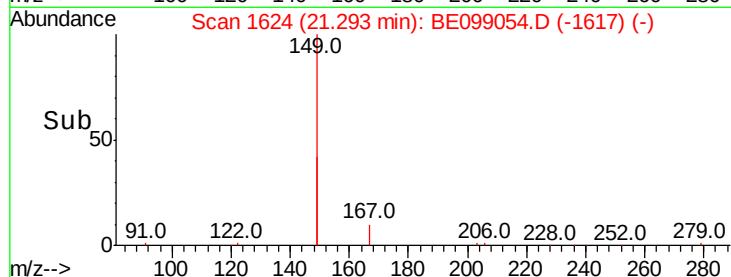
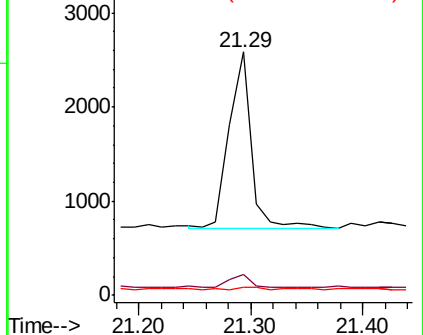
279 1.8 1.0 1.4#



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: 23.89 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BE099054.D

Acq: 20 Mar 2019 3:21

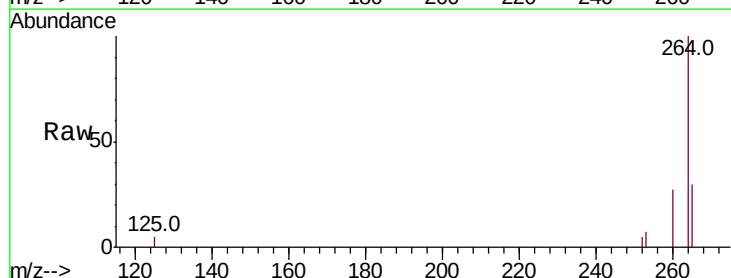
Tgt Ion:264 Resp: 5768

Ion Ratio Lower Upper

264 100

260 27.2 21.2 31.8

265 30.4 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

