

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099050.D
 Acq On : 20 Mar 2019 00:51
 Operator : JU/SJ
 Sample : K1965-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW312I-20190315

Quant Time: Mar 20 05:12:54 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

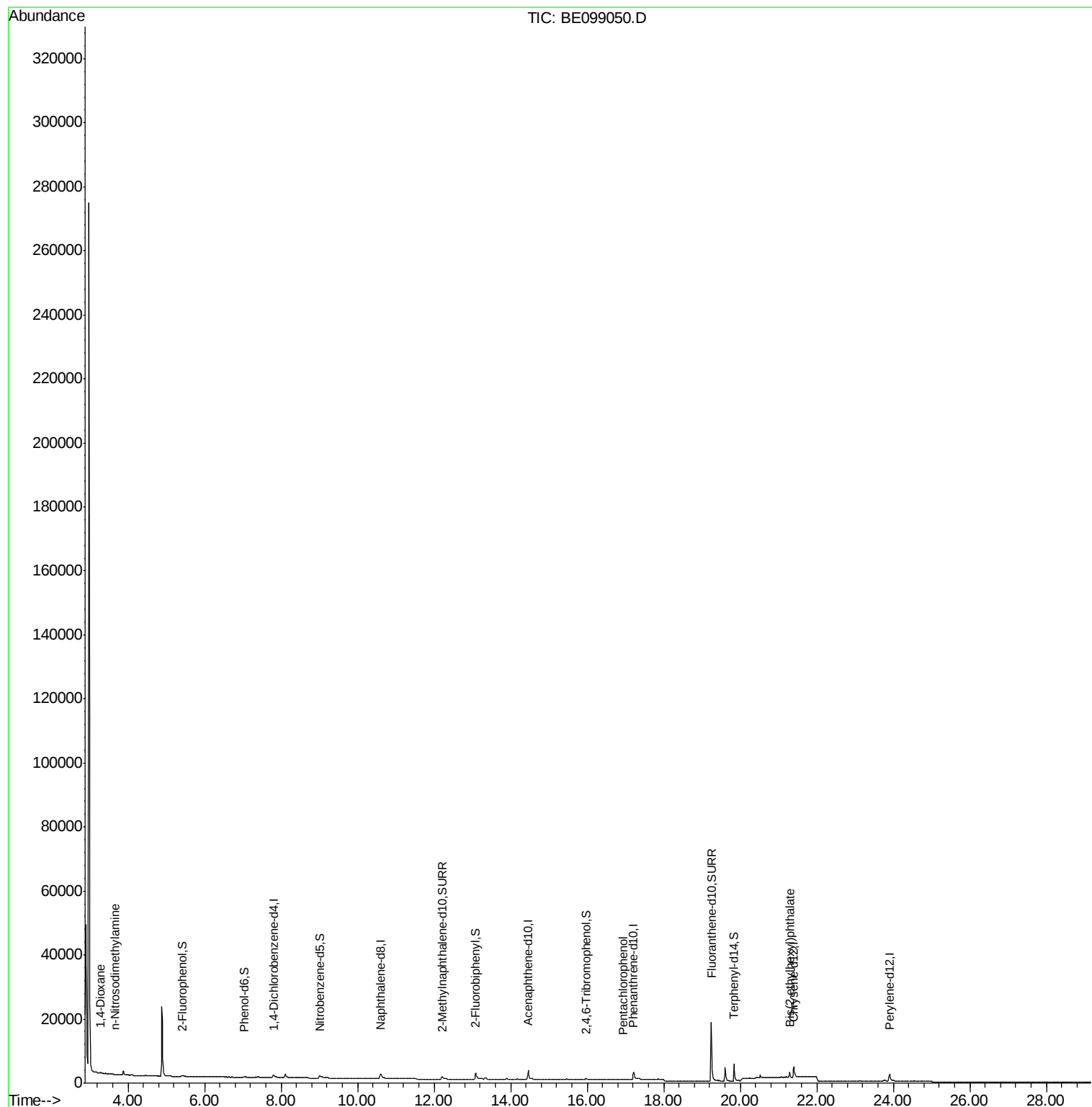
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	699	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2927	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2085	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	4700	0.40	ng	0.00
27) Chrysene-d12	21.40	240	5653	0.40	ng	0.00
34) Perylene-d12	23.90	264	4995	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	394	0.19	ng	0.03
5) Phenol-d6	7.04	99	205	0.07	ng	0.05
8) Nitrobenzene-d5	9.00	82	1153	0.38	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2267	0.42	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	402	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3936	0.46	ng	0.00
25) Fluoranthene-d10	19.24	212	32640	0.44	ng	0.00
29) Terphenyl-d14	19.83	244	6316	0.46	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	206	0.087	ng	# 58
3) n-Nitrosodimethylamine	3.65	42	41	0.023	ng	# 76
22) Pentachlorophenol	16.93	266	35	0.298	ng	90
32) Bis(2-ethylhexyl)phthalate	21.29	149	2057	0.055	ng	# 98

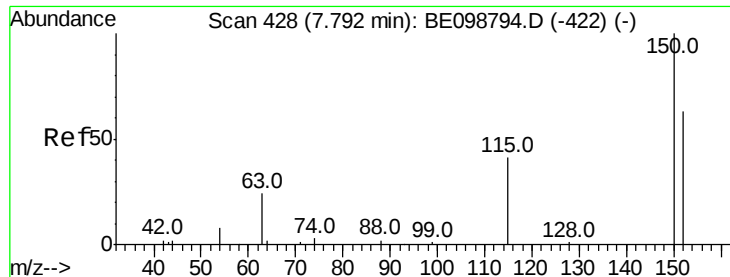
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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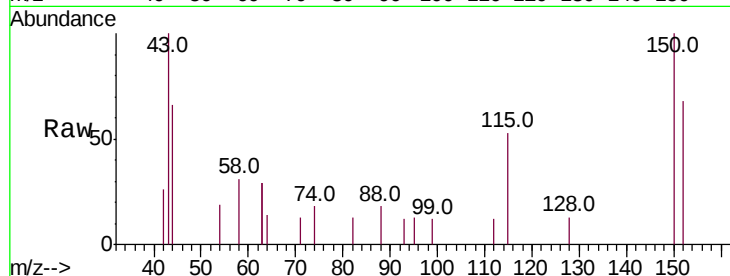


#1

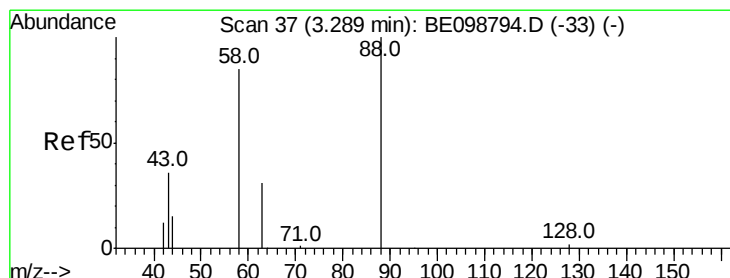
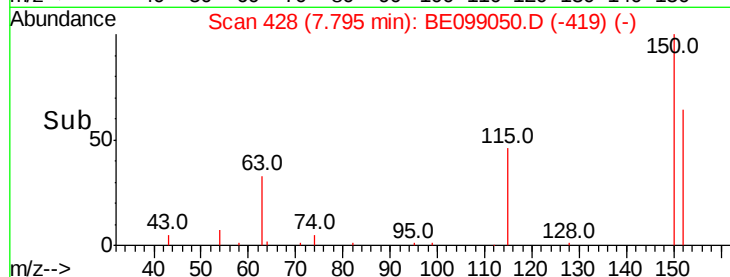
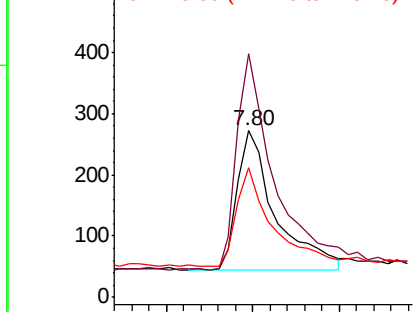
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099050.D
Acq: 20 Mar 2019 00:51

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW312I-20190315

Tot Ion:152 Resp: 699
Ion Ratio Lower Upper
152 100
150 146.3 122.5 183.7
115 77.9 57.4 86.2



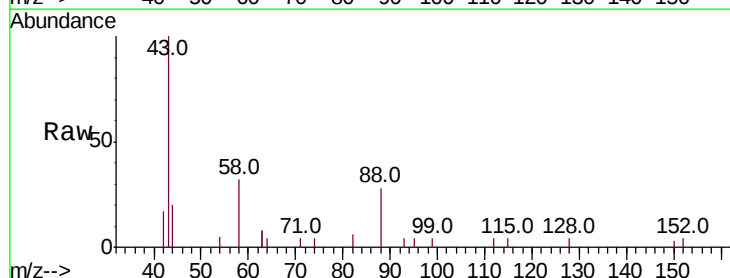
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



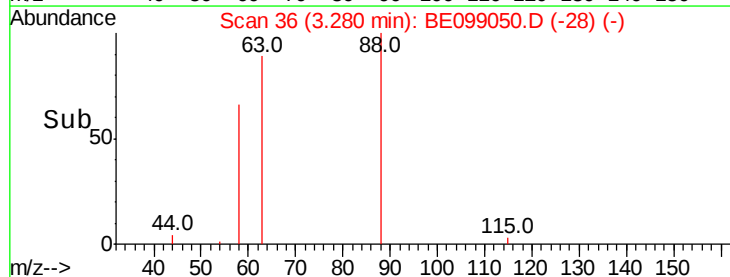
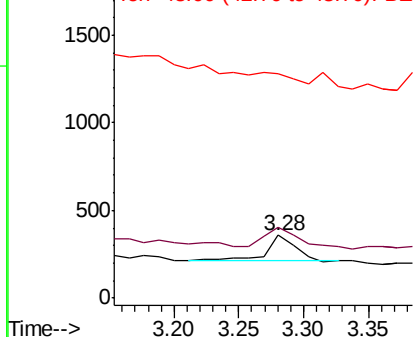
#2

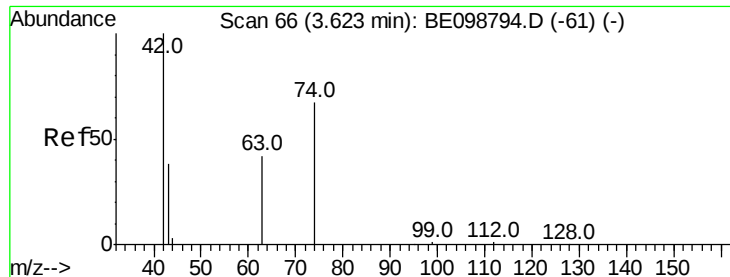
1,4-Dioxane
Concen: 0.087 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099050.D
Acq: 20 Mar 2019 00:51

Tgt Ion: 88 Resp: 206
Ion Ratio Lower Upper
88 100
58 118.4 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





#3

n-Nitrosodimethylamine

Concen: 0.023 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.03 min

Lab File: BE099050.D

Acq: 20 Mar 2019 00:51

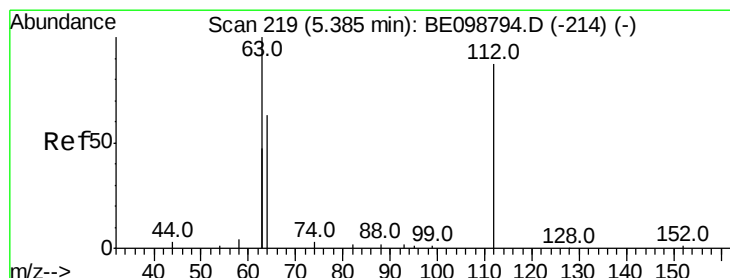
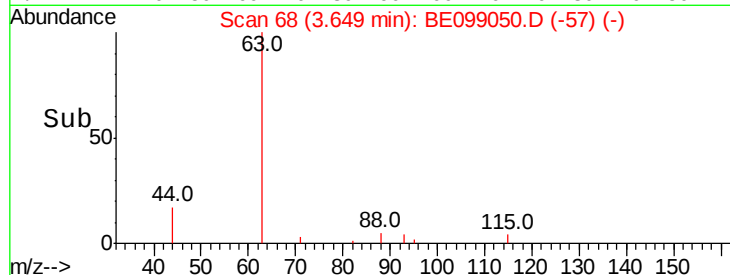
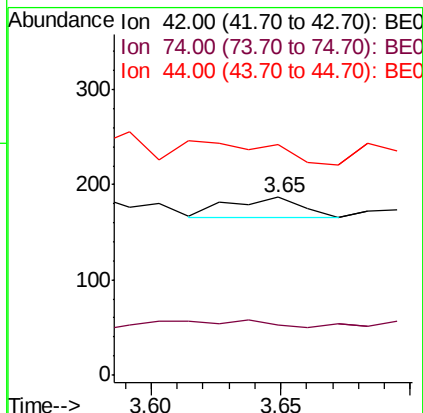
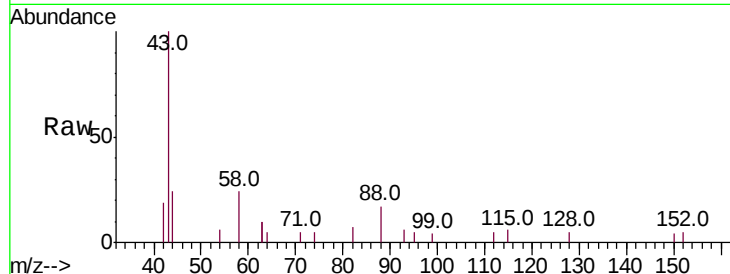
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312I-20190315

Tot Ion:	42	Resp:	41
Ion	Ratio	Lower	Upper
42	100		
74	51.2	57.0	85.4#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.189 ng

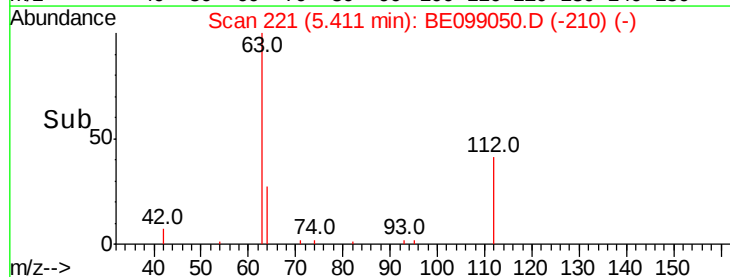
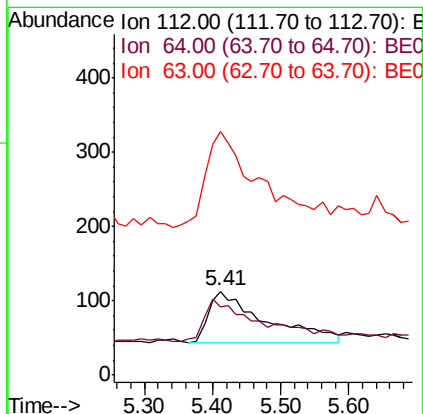
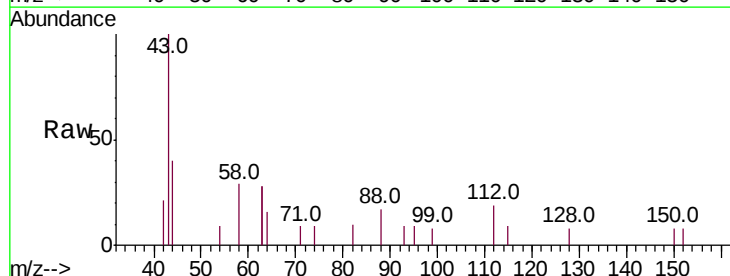
RT: 5.41 min Scan# 221

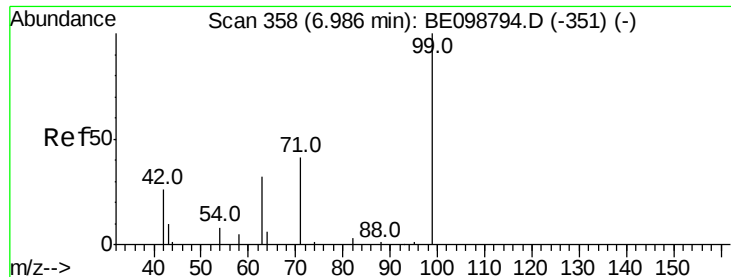
Delta R.T. 0.03 min

Lab File: BE099050.D

Acq: 20 Mar 2019 00:51

Tgt Ion:	112	Resp:	394
Ion	Ratio	Lower	Upper
112	100		
64	84.8	57.9	86.9
63	179.2	158.3	237.5





#5

Phenol-d6

Concen: 0.069 ng

RT: 7.04 min Scan# 362

Delta R.T. 0.05 min

Lab File: BE099050.D

Acq: 20 Mar 2019 00:51

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312I-20190315

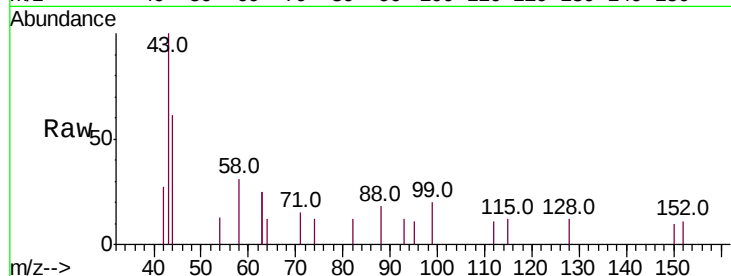
Tot Ion: 99 Resp: 205

Ion Ratio Lower Upper

99 100

42 30.2 24.2 36.2

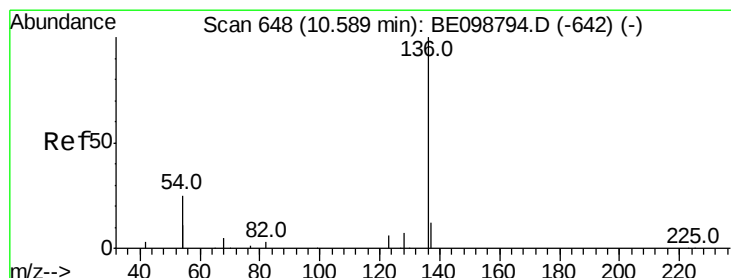
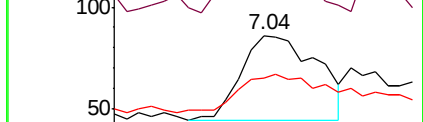
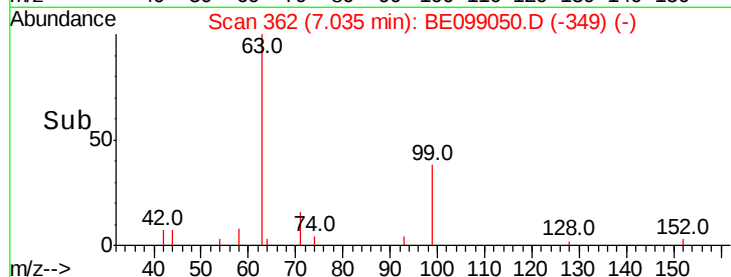
71 71.2 35.7 53.5#



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: BE099050.D

Acq: 20 Mar 2019 00:51

Tgt Ion: 136 Resp: 2927

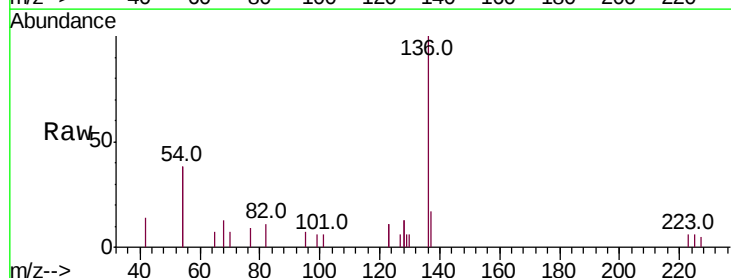
Ion Ratio Lower Upper

136 100

137 17.1 11.4 17.0#

54 75.7 39.3 58.9#

68 12.9 6.7 10.1#

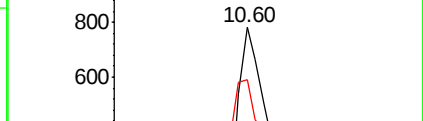
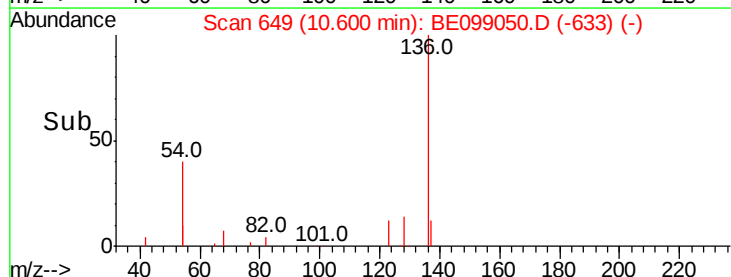


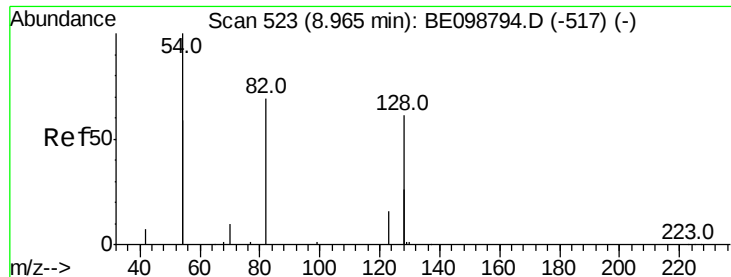
Abundance Ion 136.00 (135.70 to 136.70): E

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

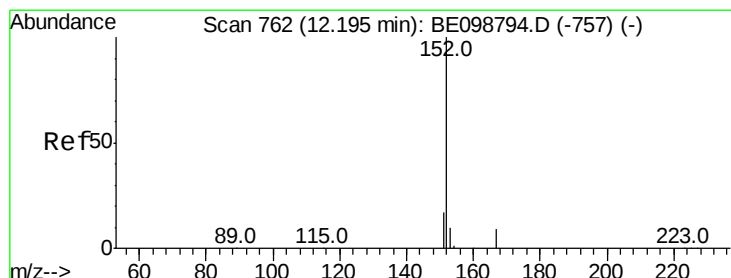
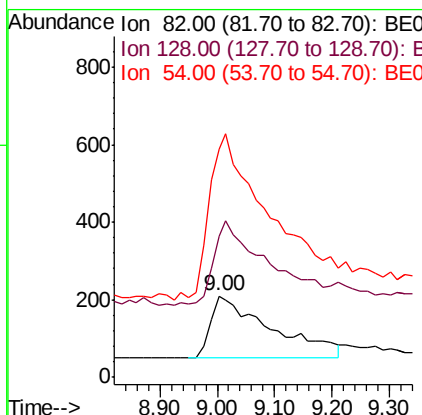
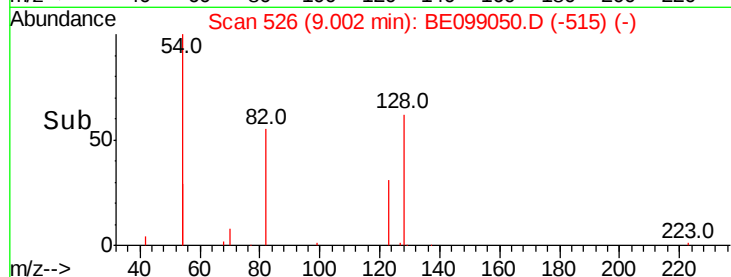
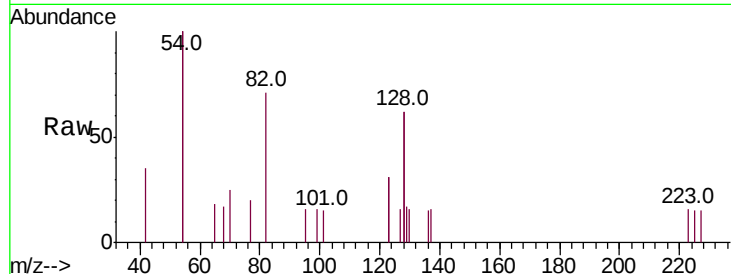




#8
 Nitrobenzene-d5
 Concen: 0.376 ng
 RT: 9.00 min Scan# 526
 Delta R.T. 0.04 min
 Lab File: BE099050.D
 Acq: 20 Mar 2019 00:51

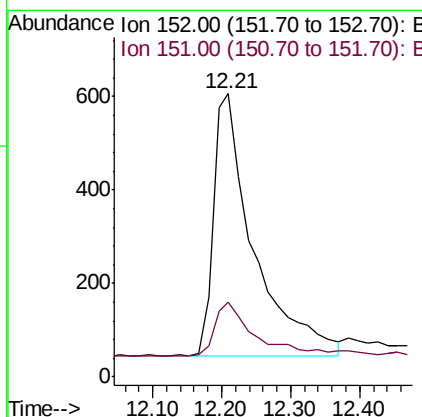
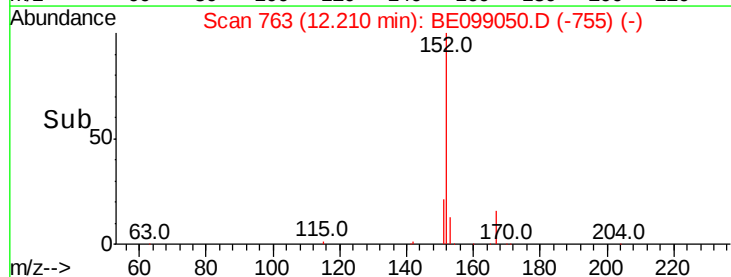
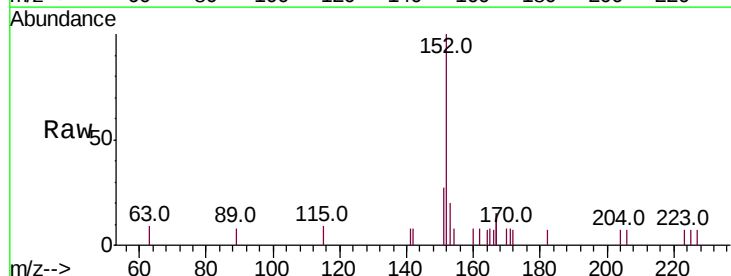
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW312I-20190315

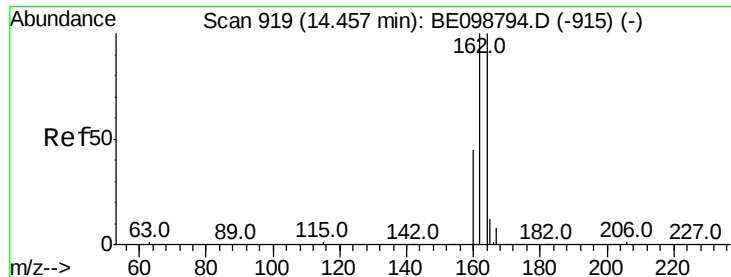
Tot Ion	82	Resp	1153
Ion Ratio	Lower	Upper	
82	100		
128	173.3	123.8	185.8
54	281.0	203.4	305.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.419 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.02 min
 Lab File: BE099050.D
 Acq: 20 Mar 2019 00:51

Tgt Ion	152	Resp	2267
Ion Ratio	Lower	Upper	
152	100		
151	21.2	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: BE099050.D

Acq: 20 Mar 2019 00:51

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312I-20190315

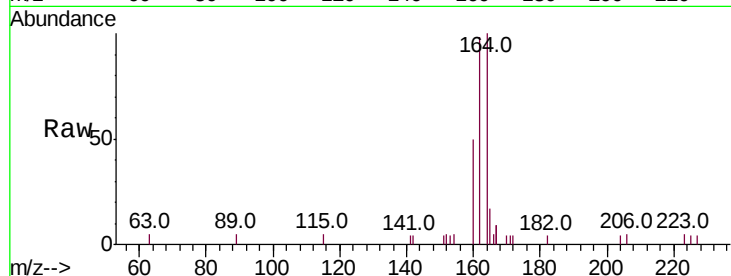
Tot Ion:164 Resp: 2085

Ion Ratio Lower Upper

164 100

162 98.5 80.2 120.2

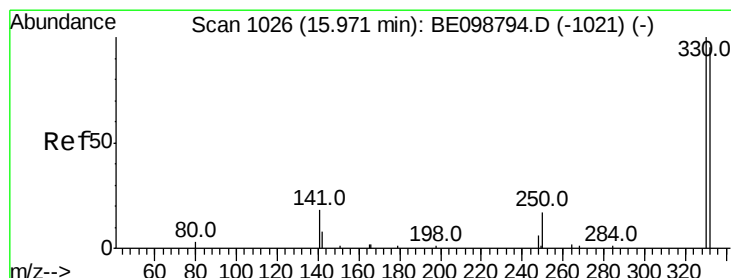
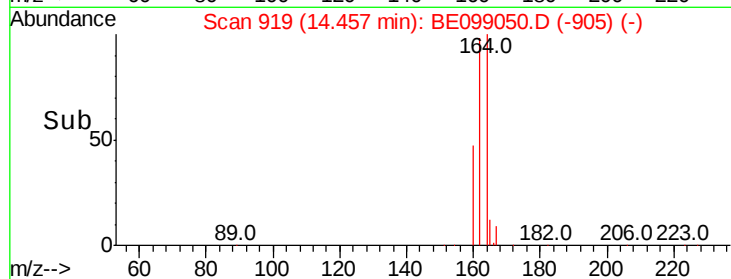
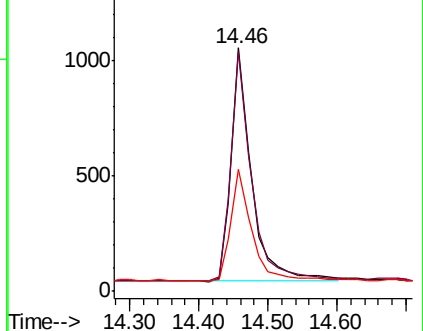
160 50.0 37.8 56.8



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: 0.382 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099050.D

Acq: 20 Mar 2019 00:51

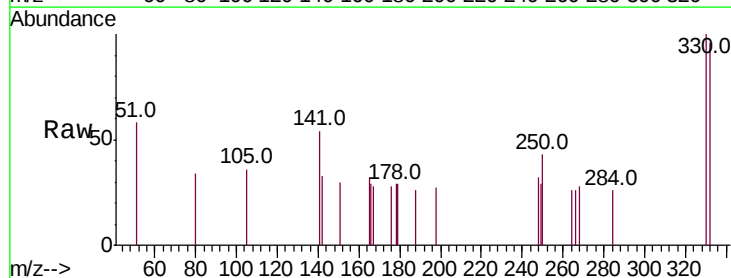
Tgt Ion:330 Resp: 402

Ion Ratio Lower Upper

330 100

332 99.0 77.6 116.4

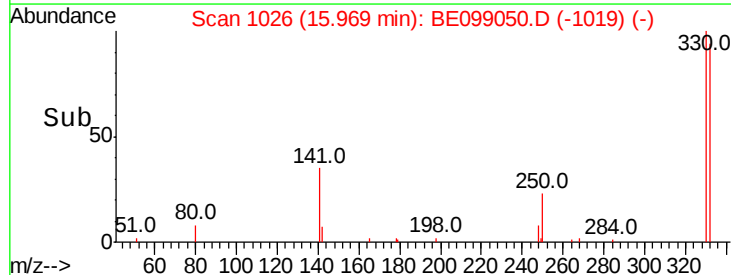
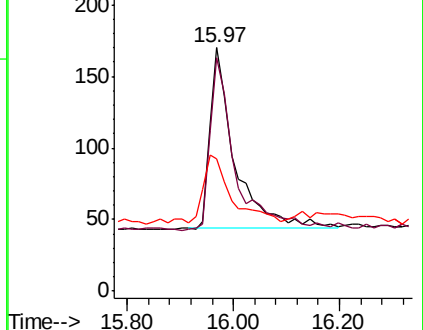
141 41.8 31.0 46.4

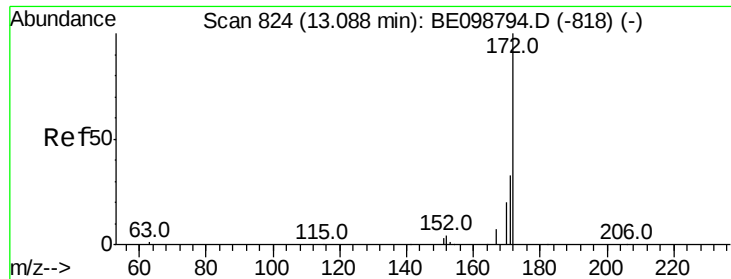


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

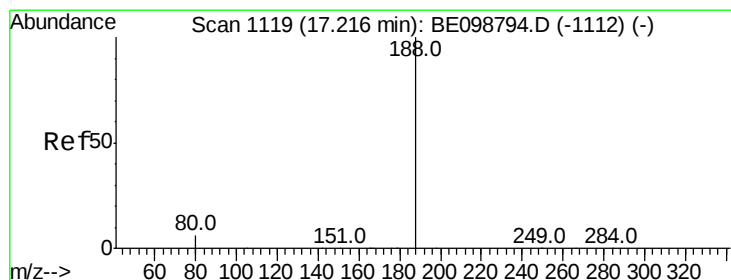
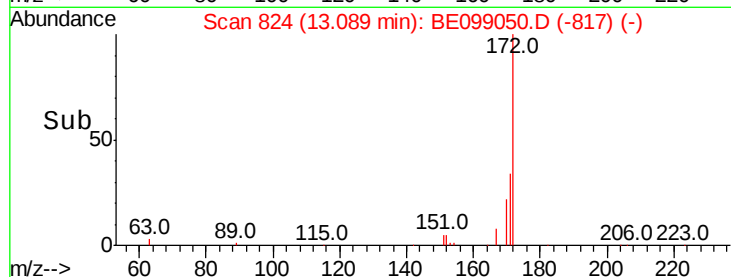
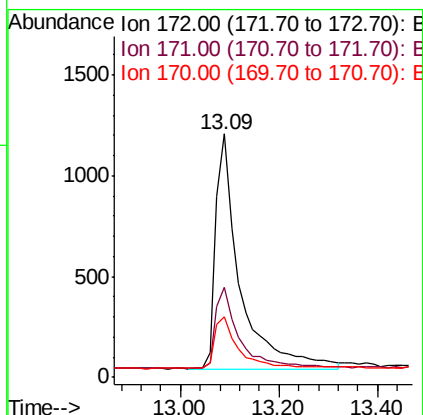
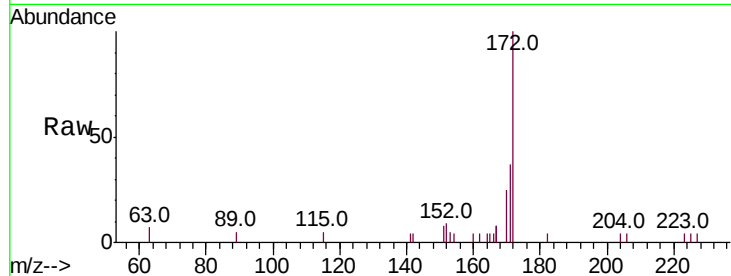




#15
2-Fluorobiphenyl
Concen: 0.456 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099050.D
Acq: 20 Mar 2019 00:51

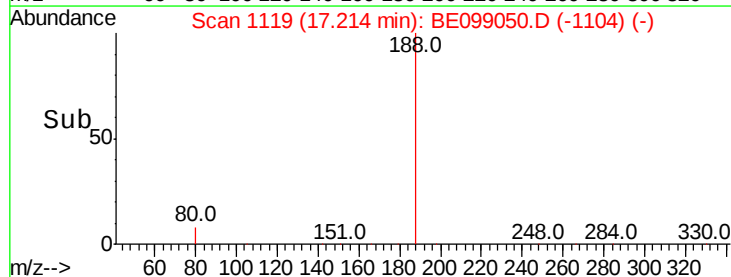
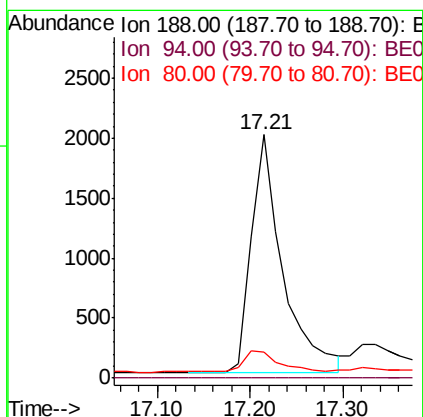
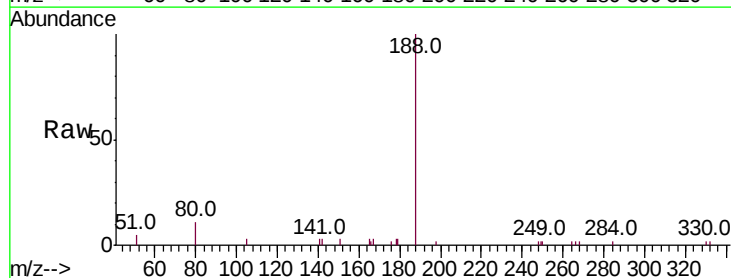
Instrument :
BNA_E
ClientSampleId :
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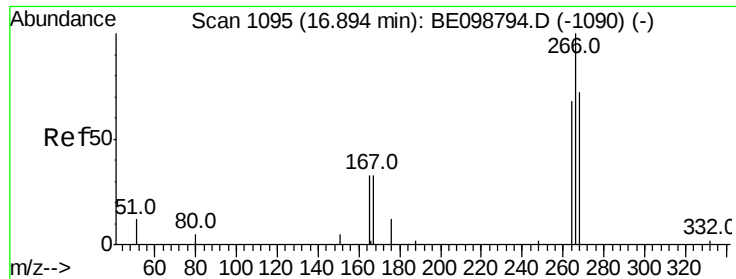
Tot Ion:172 Resp: 3936
Ion Ratio Lower Upper
172 100
171 36.8 28.0 42.0
170 25.0 17.7 26.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099050.D
Acq: 20 Mar 2019 00:51

Tgt Ion:188 Resp: 4700
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 6.3 9.5#





#22

Pentachlorophenol

Concen: 0.298 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.04 min

Lab File: BE099050.D

Acq: 20 Mar 2019 00:51

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312I-20190315

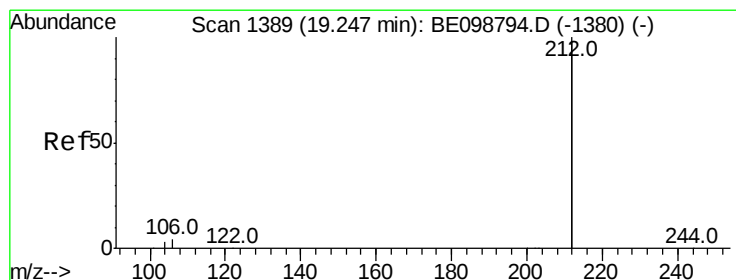
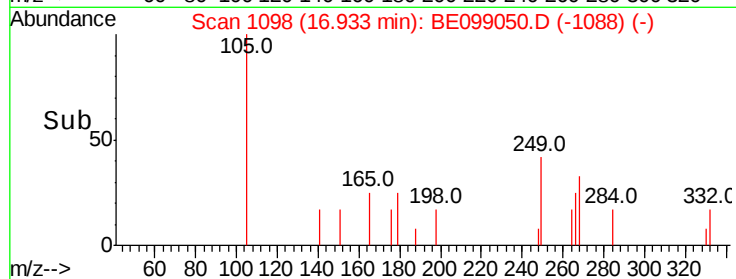
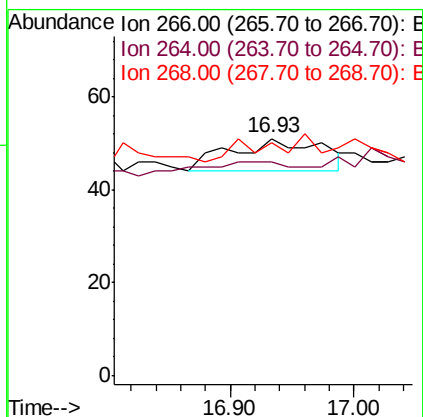
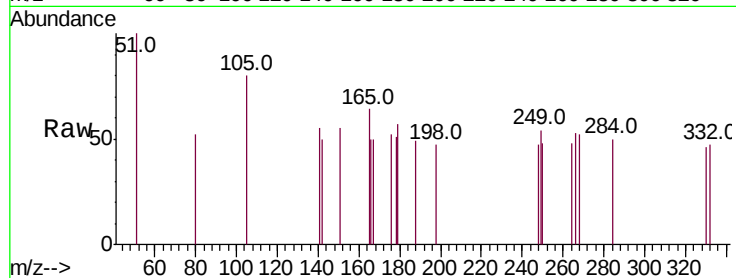
Tot Ion:266 Resp: 35

Ion Ratio Lower Upper

266 100

264 90.2 66.6 100.0

268 98.0 69.8 104.8



#25

Fluoranthene-d10

Concen: 0.435 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE099050.D

Acq: 20 Mar 2019 00:51

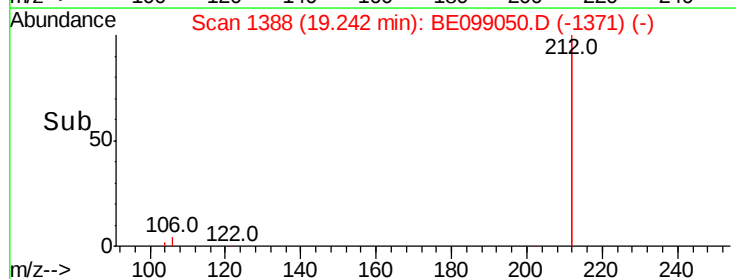
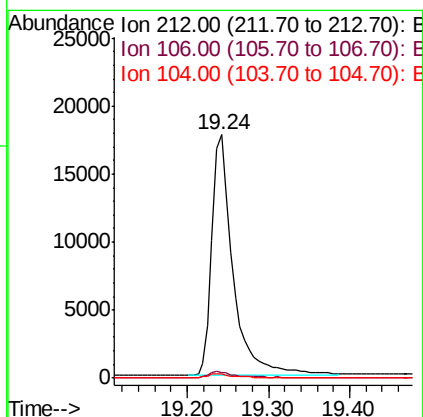
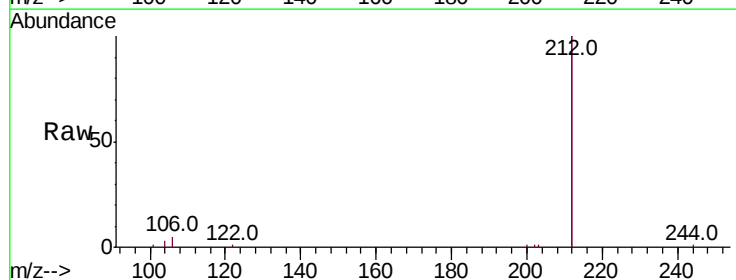
Tgt Ion:212 Resp: 32640

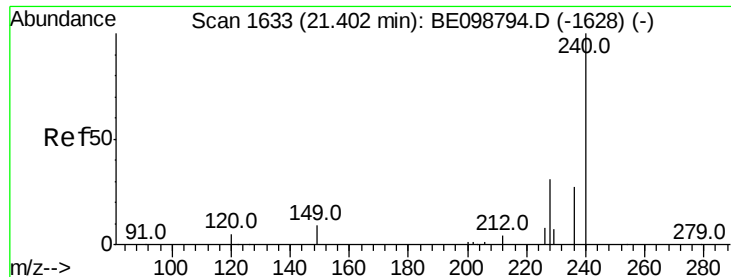
Ion Ratio Lower Upper

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: BE099050.D

Acq: 20 Mar 2019 00:51

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312I-20190315

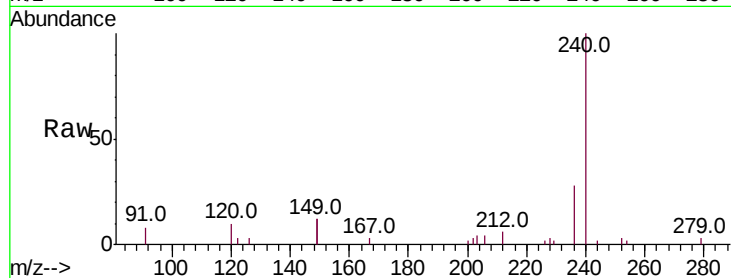
Tot Ion:240 Resp: 5653

Ion Ratio Lower Upper

240 100

120 9.8 5.0 7.4#

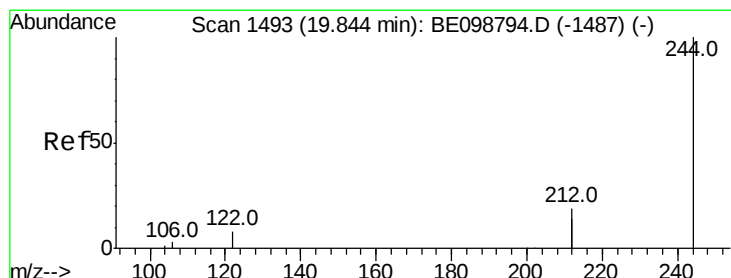
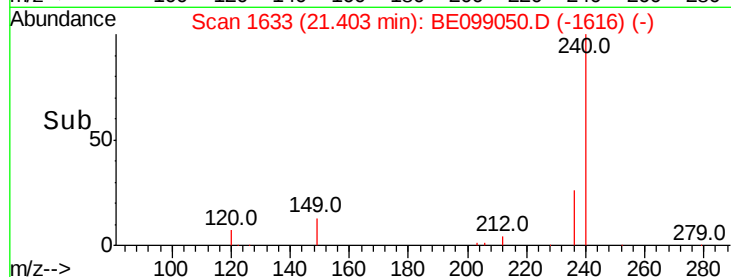
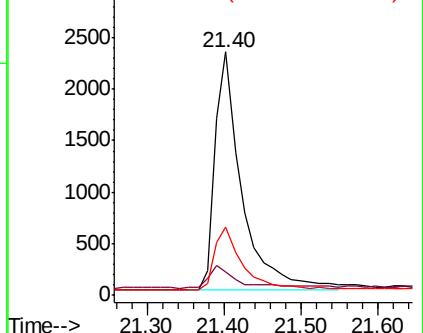
236 28.0 22.7 34.1



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: 0.460 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099050.D

Acq: 20 Mar 2019 00:51

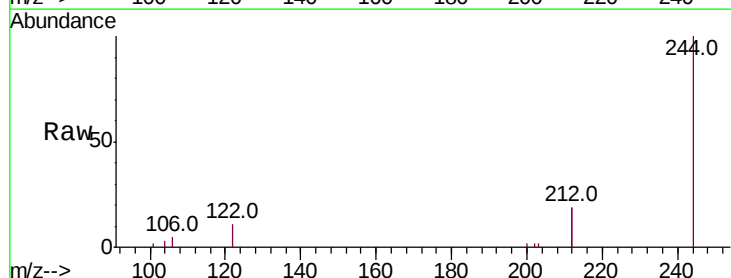
Tgt Ion:244 Resp: 6316

Ion Ratio Lower Upper

244 100

212 38.6 29.4 44.2

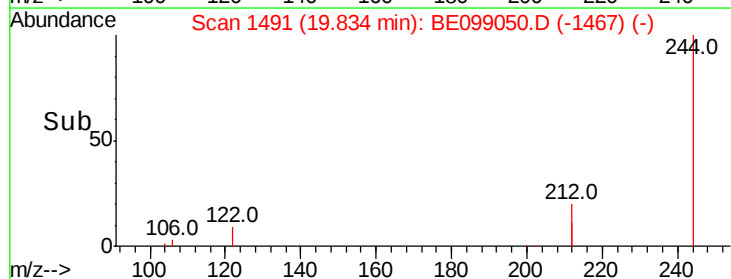
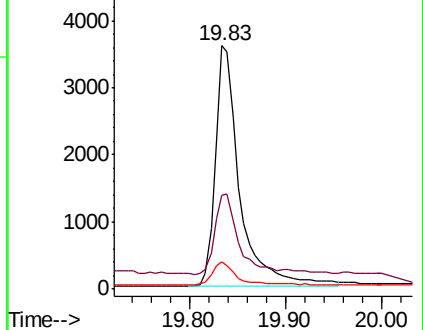
122 11.0 7.1 10.7#

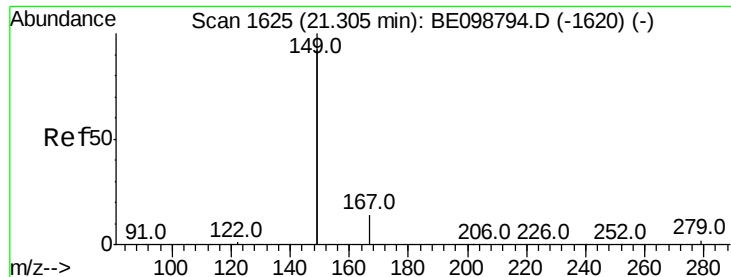


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.055 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099050.D

Acq: 20 Mar 2019 00:51

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW312I-20190315

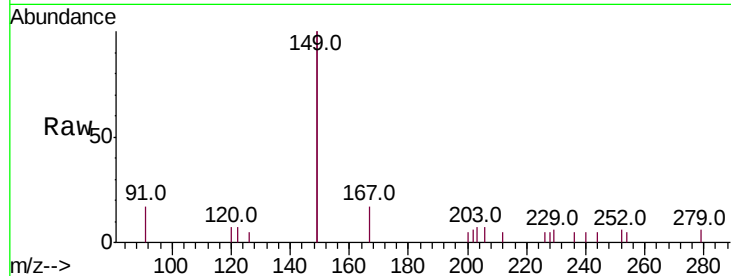
Tot Ion:149 Resp: 2057

Ion Ratio Lower Upper

149 100

167 7.4 5.4 8.0

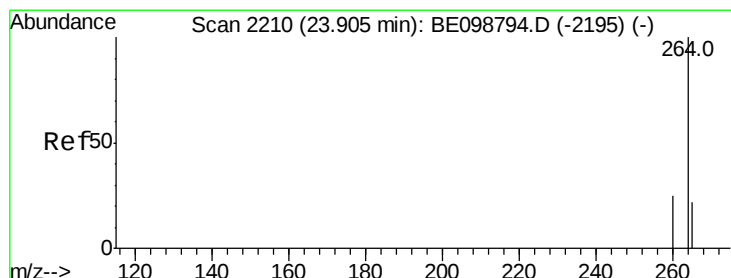
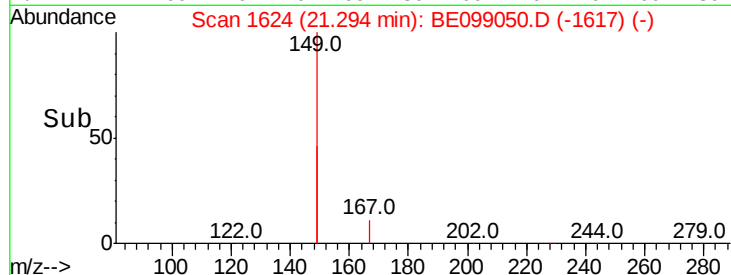
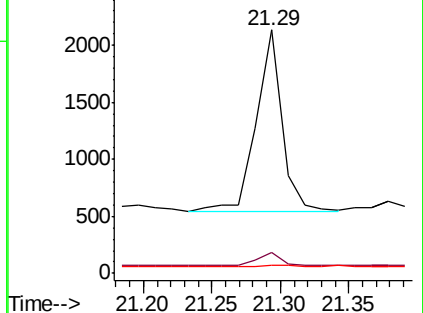
279 1.6 1.0 1.4#



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: BE099050.D

Acq: 20 Mar 2019 00:51

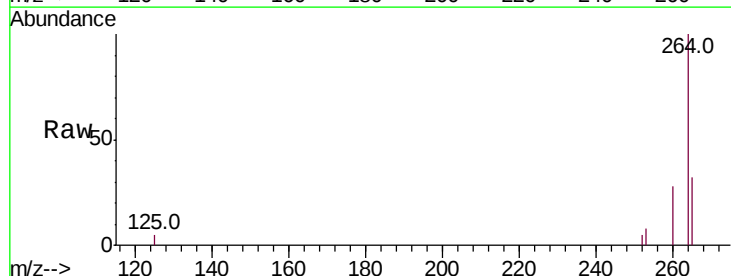
Tgt Ion:264 Resp: 4995

Ion Ratio Lower Upper

264 100

260 28.5 21.2 31.8

265 32.4 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

