

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099041.D
 Acq On : 19 Mar 2019 18:38
 Operator : JU/SJ
 Sample : K1963-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30311-20190315

Quant Time: Mar 20 05:11:48 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

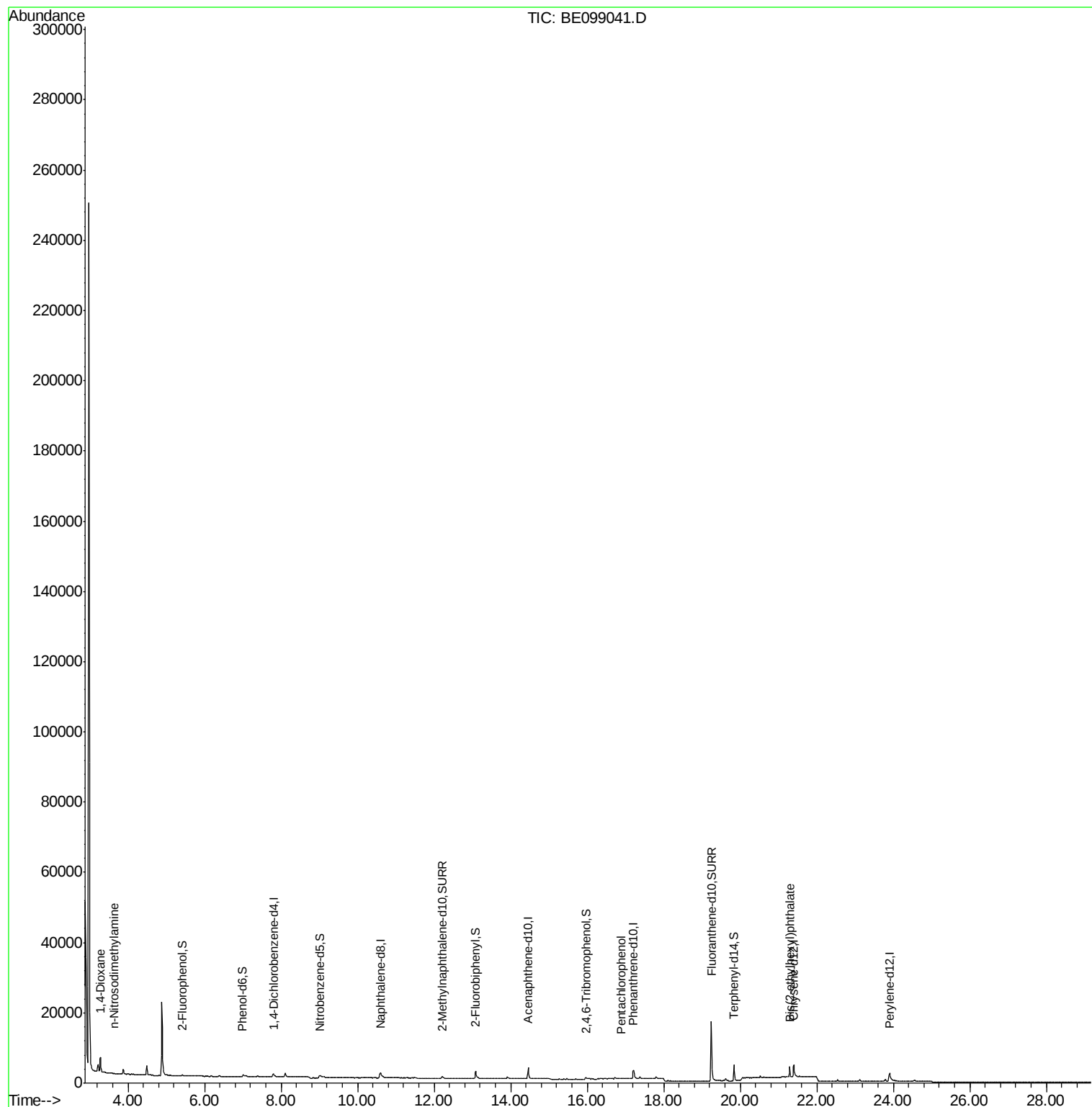
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	720	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3078	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2185	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5252	0.40	ng	0.00
27) Chrysene-d12	21.40	240	5936	0.40	ng	0.00
34) Perylene-d12	23.90	264	5472	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	299	0.14	ng	0.04
5) Phenol-d6	6.99	99	300	0.10	ng	0.00
8) Nitrobenzene-d5	9.02	82	1081	0.33	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2036	0.36	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	352	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4028	0.45	ng	0.00
25) Fluoranthene-d10	19.24	212	30058	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	5335	0.37	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	2680	2.313	ng	Qvalue 93
3) n-Nitrosodimethylamine	3.63	42	43	0.024	ng	# 48
22) Pentachlorophenol	16.89	266	104	0.355	ng	92
32) Bis(2-ethylhexyl)phthalate	21.29	149	3217	0.082	ng	# 99

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

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BPS1-TT-MW303I1-20190315

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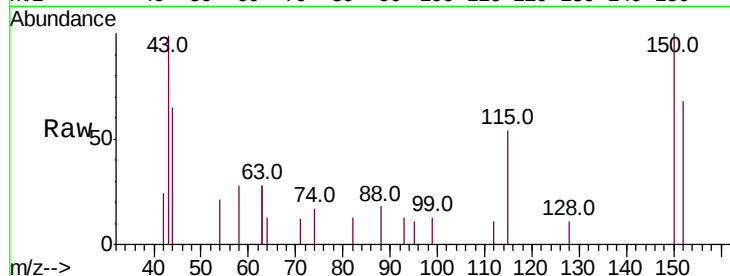


#1

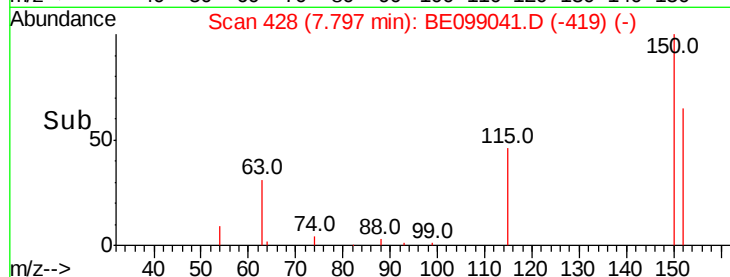
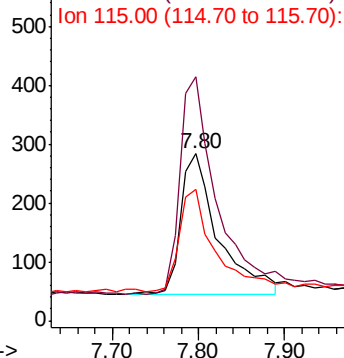
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE099041.D
Acq: 19 Mar 2019 18:38

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30311-20190315

Tot Ion:152 Resp: 720
Ion Ratio Lower Upper
152 100
150 146.3 122.5 183.7
115 78.8 57.4 86.2



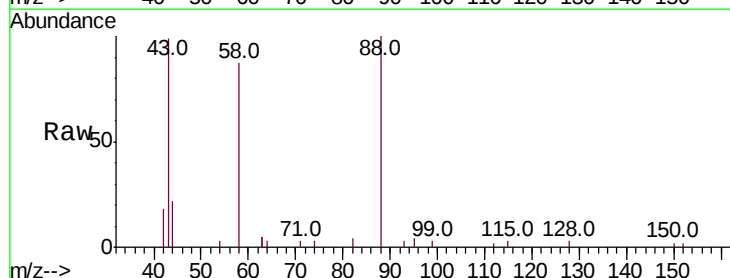
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



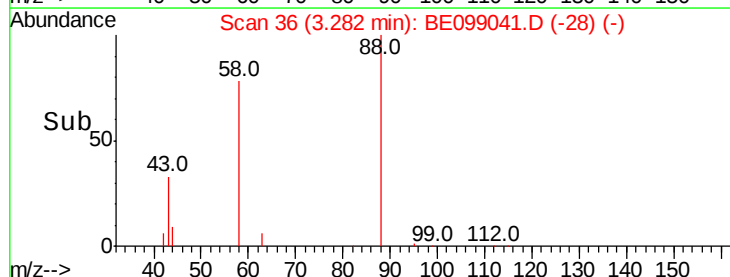
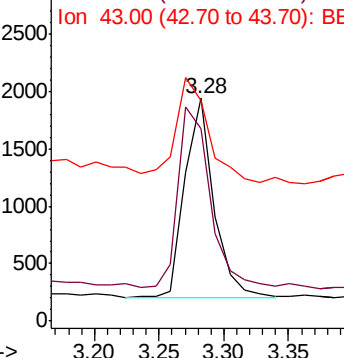
#2

1,4-Dioxane
Concen: 2.313 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099041.D
Acq: 19 Mar 2019 18:38

Tgt Ion: 88 Resp: 2680
Ion Ratio Lower Upper
88 100
58 99.3 75.8 113.6
43 59.9 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: 0.024 ng

RT: 3.63 min Scan# 66

Delta R.T. 0.00 min

Lab File: BE099041.D

Acq: 19 Mar 2019 18:38

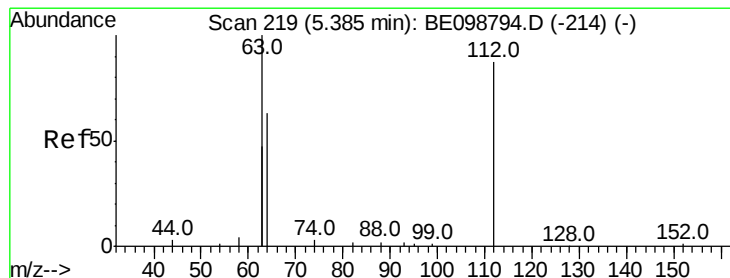
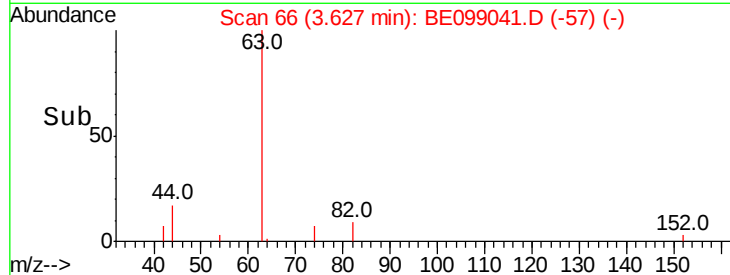
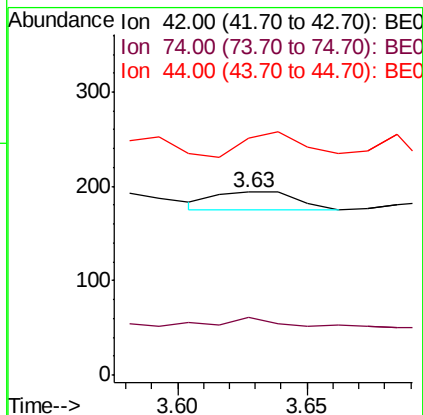
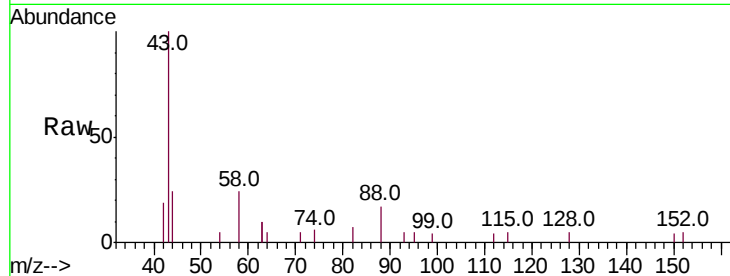
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30311-20190315

Tot Ion:	42	Resp:	43
Ion	Ratio	Lower	Upper
42	100		
74	27.9	57.0	85.4#
44	100.0	0.0	0.0#



#4

2-Fluorophenol

Concen: 0.139 ng

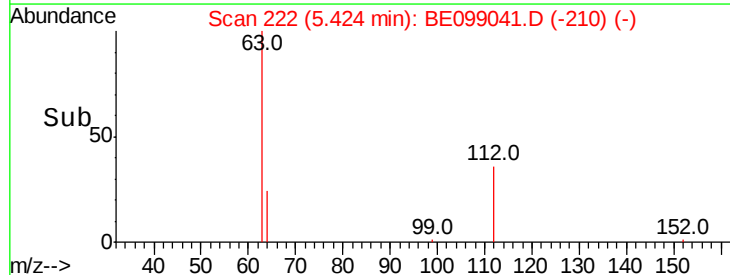
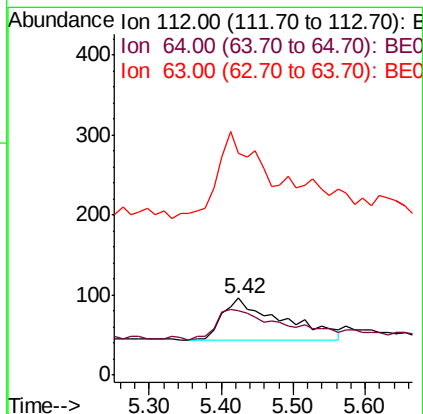
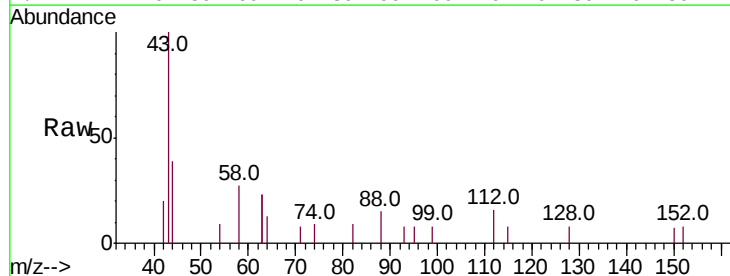
RT: 5.42 min Scan# 222

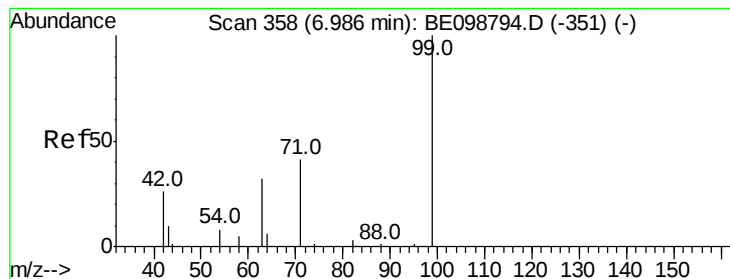
Delta R.T. 0.04 min

Lab File: BE099041.D

Acq: 19 Mar 2019 18:38

Tgt Ion:	112	Resp:	299
Ion	Ratio	Lower	Upper
112	100		
64	85.6	57.9	86.9
63	148.5	158.3	237.5#





#5

Phenol-d6

Concen: 0.099 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099041.D

Acq: 19 Mar 2019 18:38

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30311-20190315

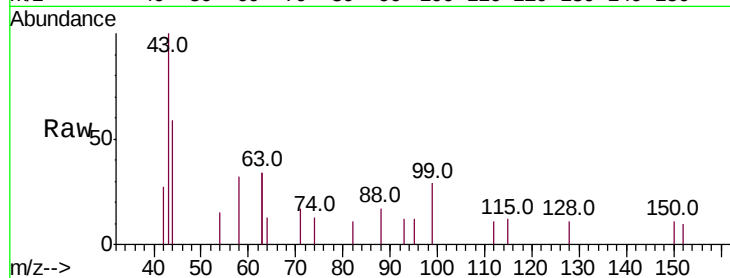
Tot Ion: 99 Resp: 300

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

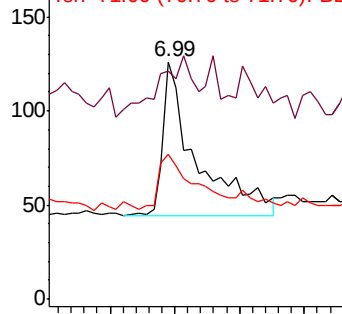
71 36.0 35.7 53.5



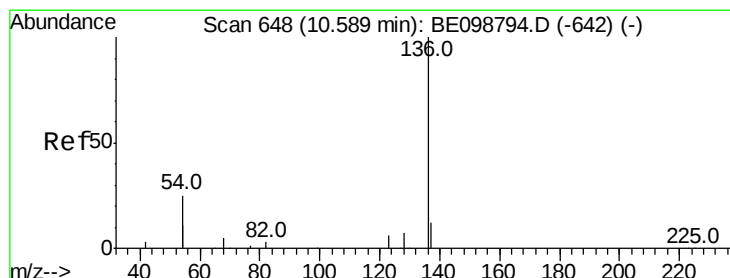
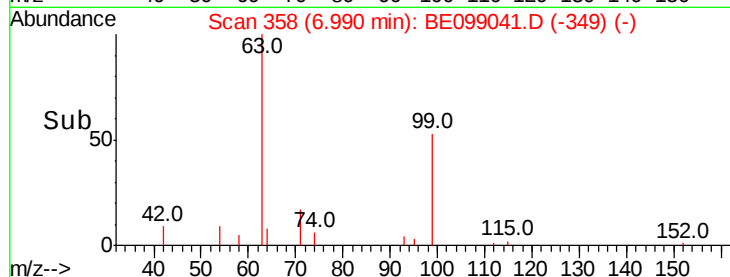
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099041.D

Acq: 19 Mar 2019 18:38

Tgt Ion: 136 Resp: 3078

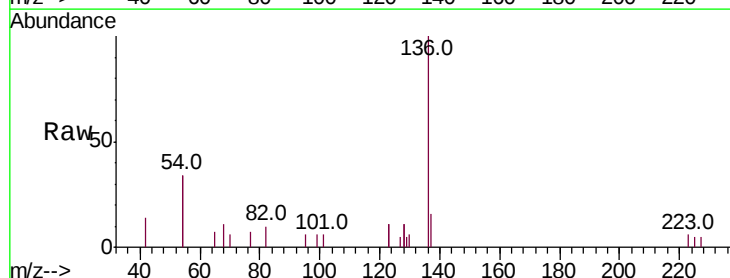
Ion Ratio Lower Upper

136 100

137 15.8 11.4 17.0

54 67.1 39.3 58.9#

68 11.5 6.7 10.1#

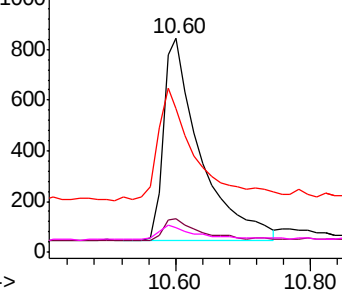


Abundance Ion 136.00 (135.70 to 136.70): E

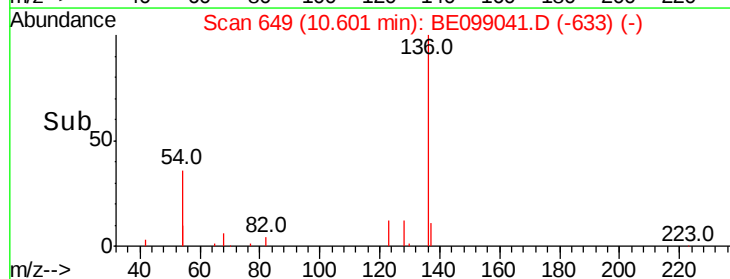
Ion 137.00 (136.70 to 137.70): E

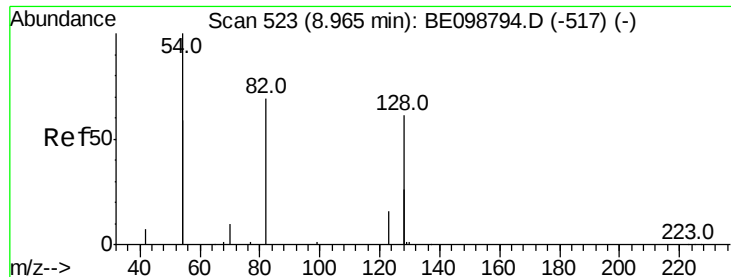
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

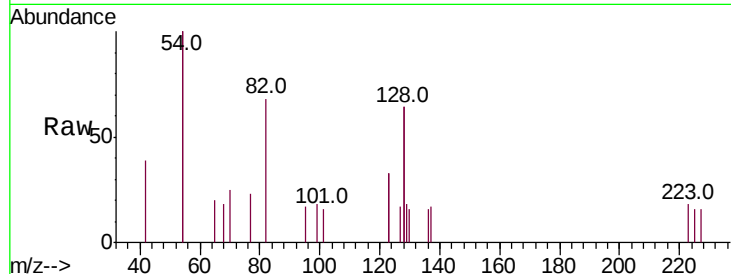




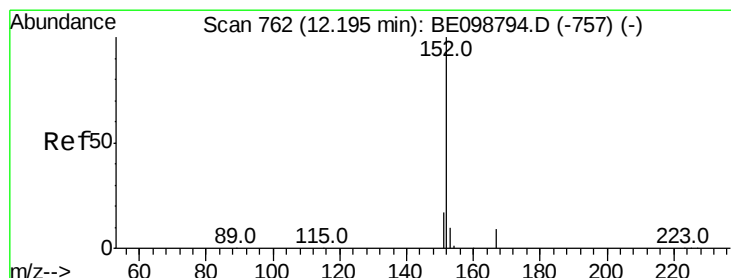
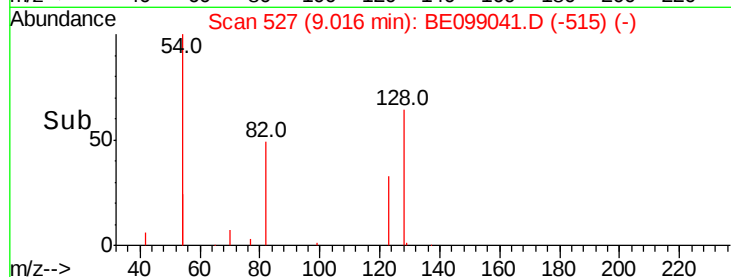
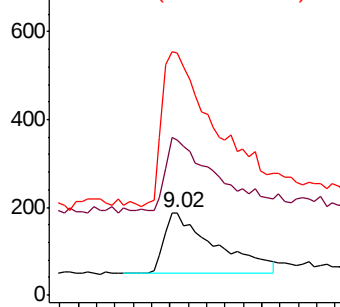
#8
 Nitrobenzene-d5
 Concen: 0.335 ng
 RT: 9.02 min Scan# 527
 Delta R.T. 0.05 min
 Lab File: BE099041.D
 Acq: 19 Mar 2019 18:38

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30311-20190315

Tot Ion	82	Resp	1081
Ion Ratio	Lower	Upper	
82	100		
128	188.3	123.8	185.8#
54	293.6	203.4	305.2

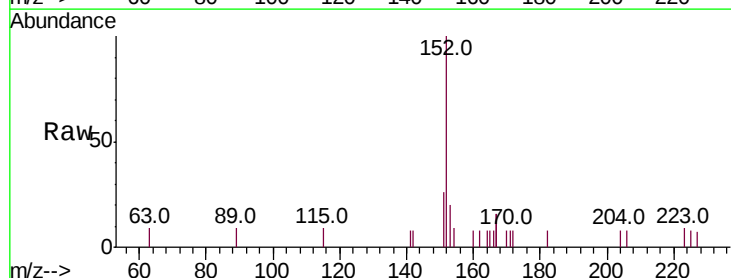


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

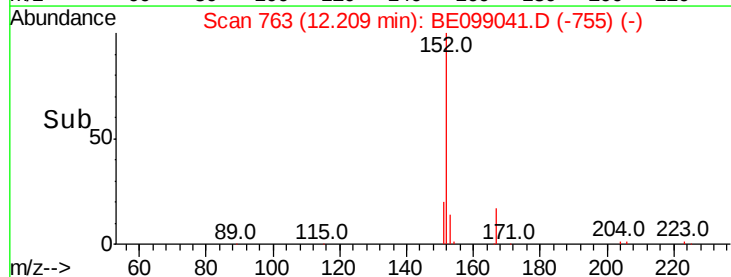
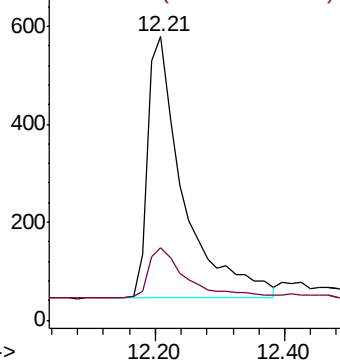


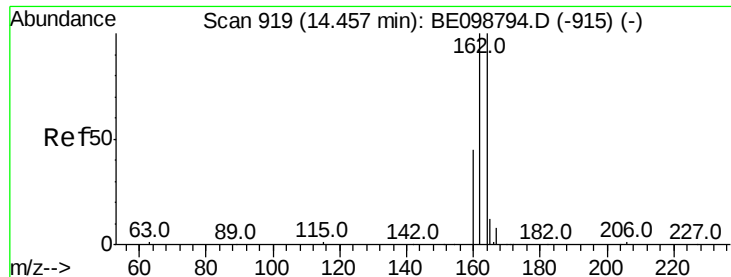
#11
 2-Methylnaphthalene-d10
 Concen: 0.358 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE099041.D
 Acq: 19 Mar 2019 18:38

Tgt Ion	152	Resp	2036
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.5	24.7



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

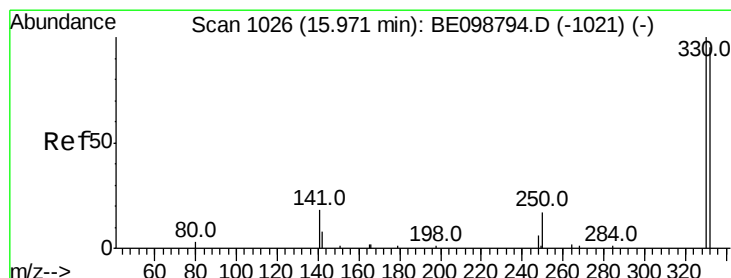
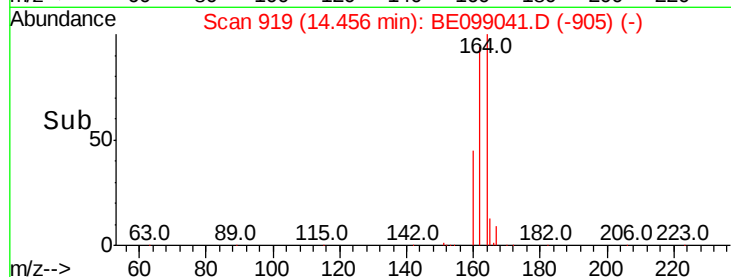
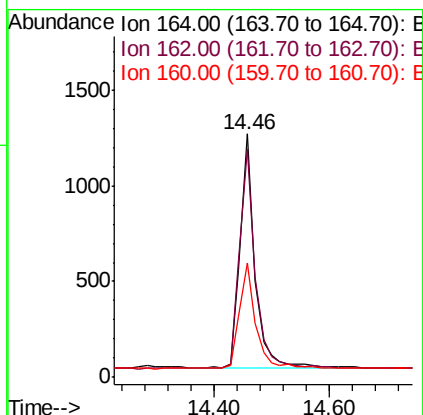
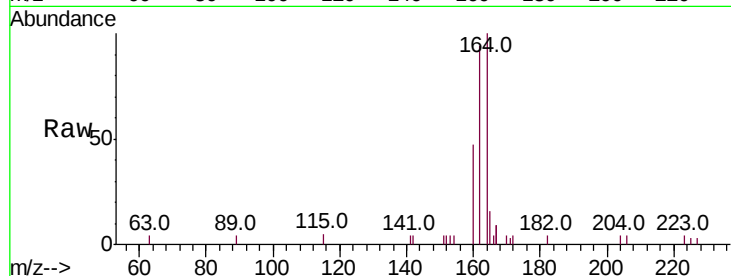




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE099041.D
 Acq: 19 Mar 2019 18:38

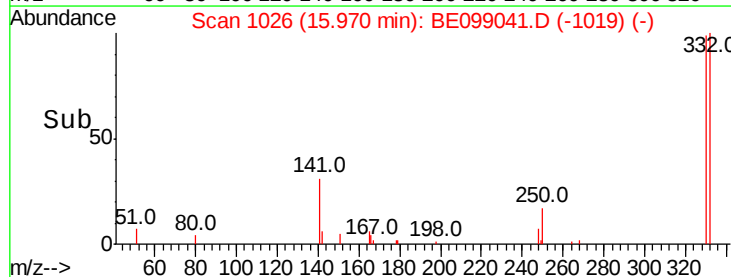
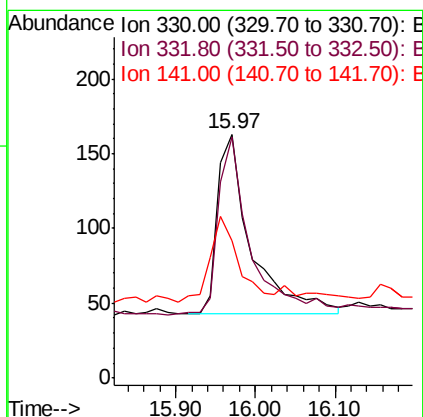
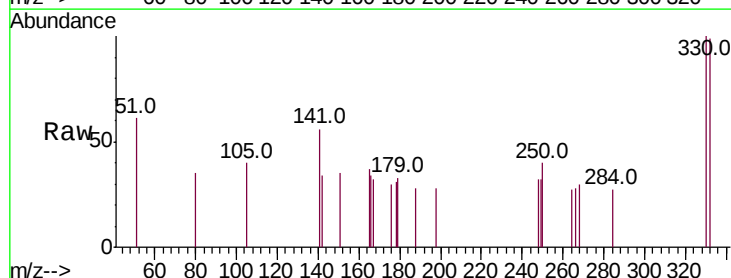
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30311-20190315

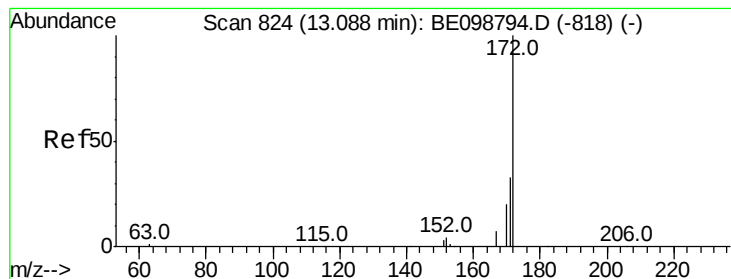
Tot Ion:164 Resp: 2185
 Ion Ratio Lower Upper
 164 100
 162 93.9 80.2 120.2
 160 47.1 37.8 56.8



#14
 2,4,6-Tribromophenol
 Concen: 0.319 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099041.D
 Acq: 19 Mar 2019 18:38

Tgt Ion:330 Resp: 352
 Ion Ratio Lower Upper
 330 100
 332 93.5 77.6 116.4
 141 40.6 31.0 46.4





#15

2-Fluorobiphenyl

Concen: 0.445 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE099041.D

Acq: 19 Mar 2019 18:38

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30311-20190315

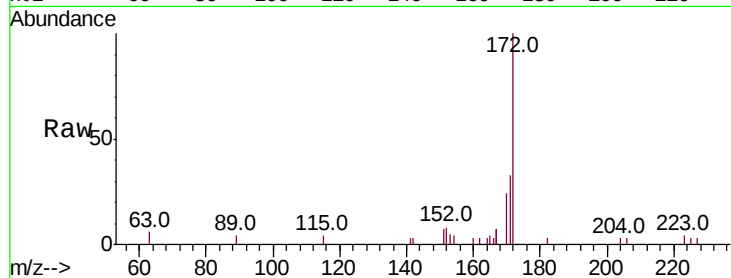
Tot Ion:172 Resp: 4028

Ion Ratio Lower Upper

172 100

171 33.3 28.0 42.0

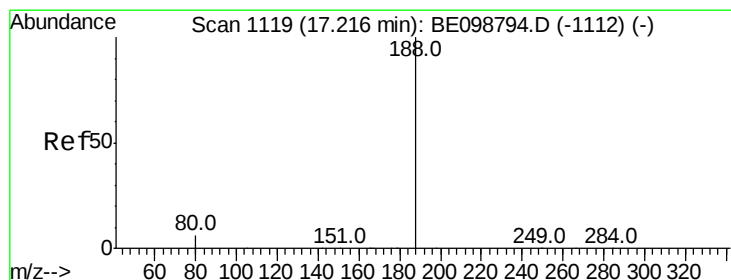
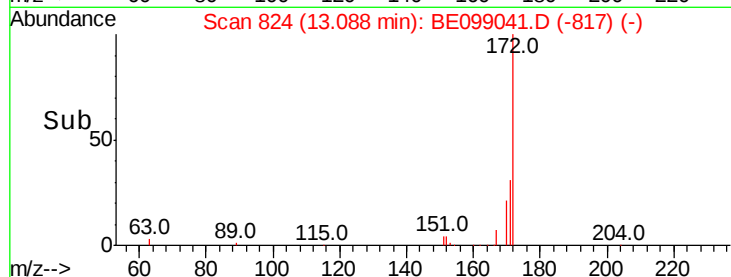
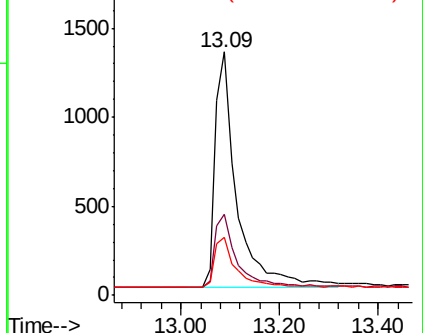
170 24.0 17.7 26.5



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: BE099041.D

Acq: 19 Mar 2019 18:38

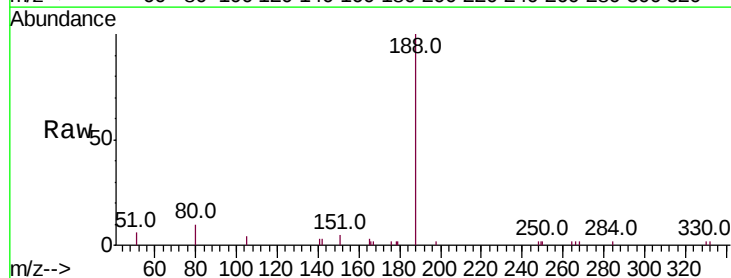
Tgt Ion:188 Resp: 5252

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

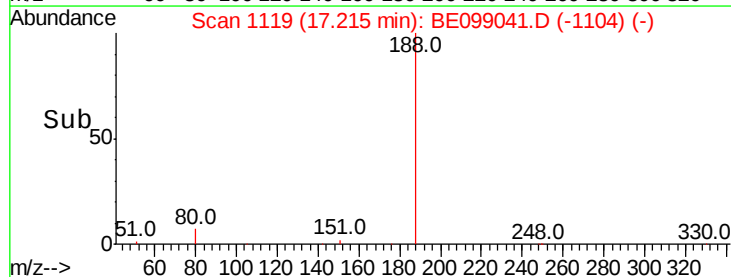
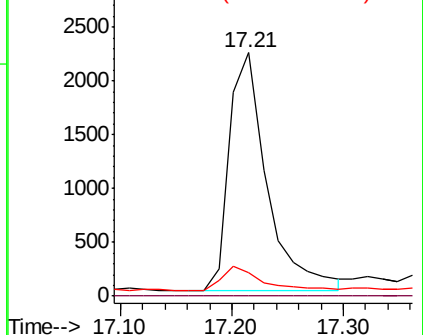
80 9.6 6.3 9.5#

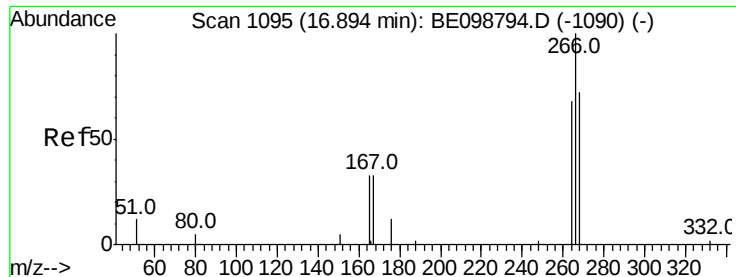


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

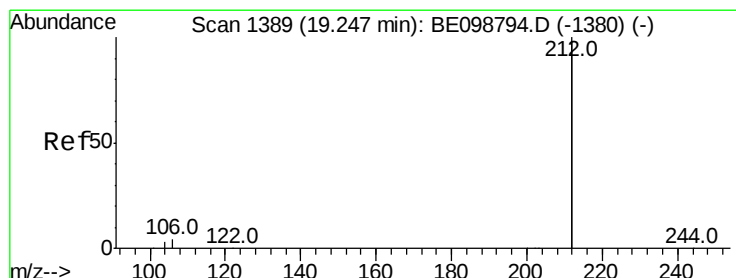
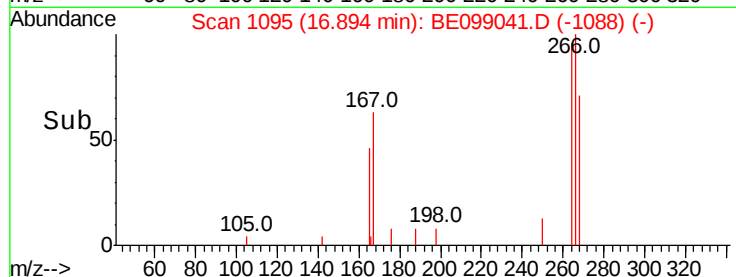
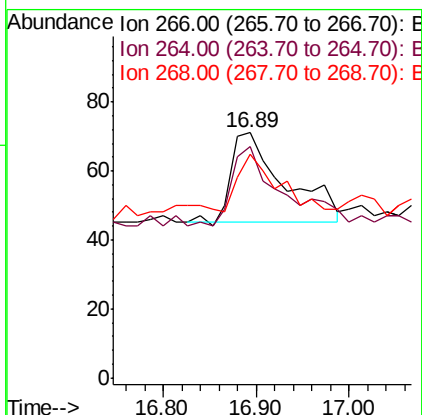
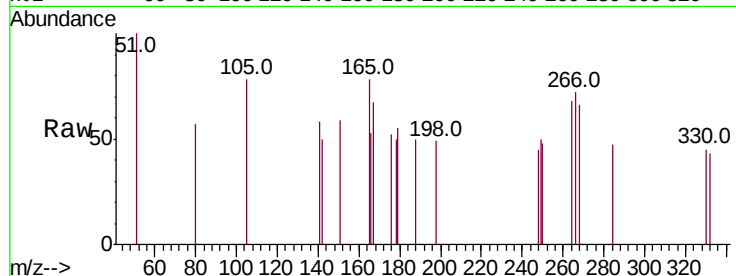




#22
 Pentachlorophenol
 Concen: 0.355 ng
 RT: 16.89 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BE099041.D
 Acq: 19 Mar 2019 18:38

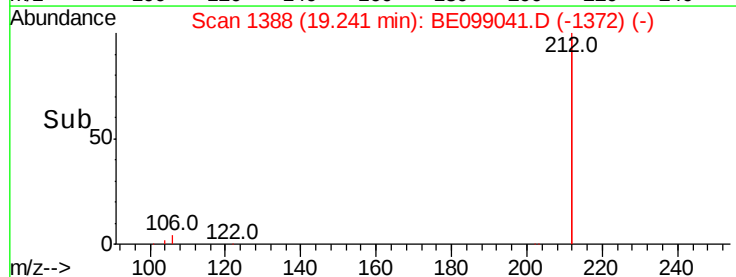
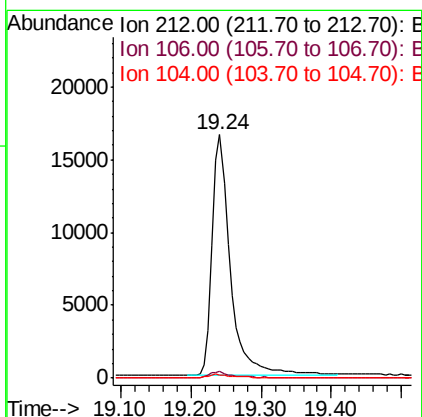
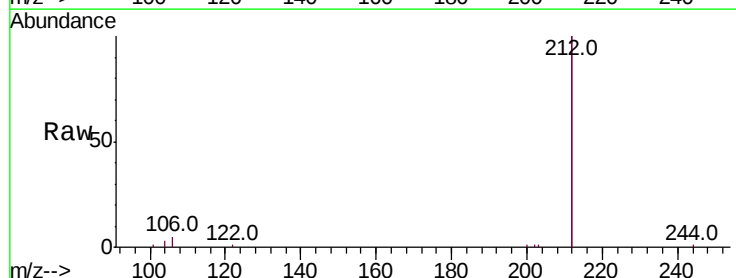
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30311-20190315

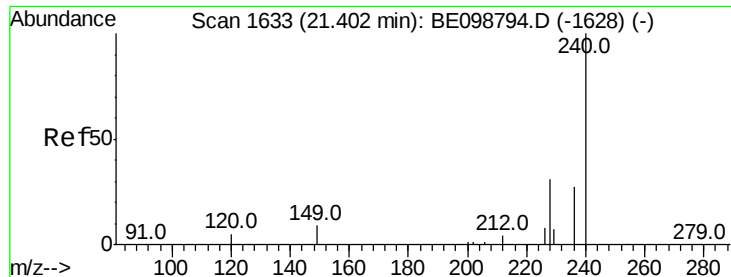
Tot Ion:266 Resp: 104
 Ion Ratio Lower Upper
 266 100
 264 94.4 66.6 100.0
 268 91.5 69.8 104.8



#25
 Fluoranthene-d10
 Concen: 0.359 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE099041.D
 Acq: 19 Mar 2019 18:38

Tgt Ion:212 Resp: 30058
 Ion Ratio Lower Upper
 212 100
 106 2.3 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: BE099041.D

Acq: 19 Mar 2019 18:38

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30311-20190315

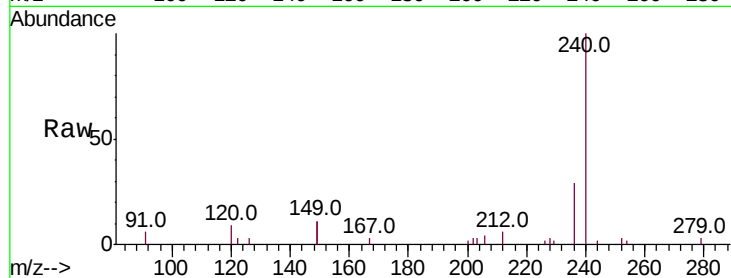
Tot Ion:240 Resp: 5936

Ion Ratio Lower Upper

240 100

120 9.1 5.0 7.4#

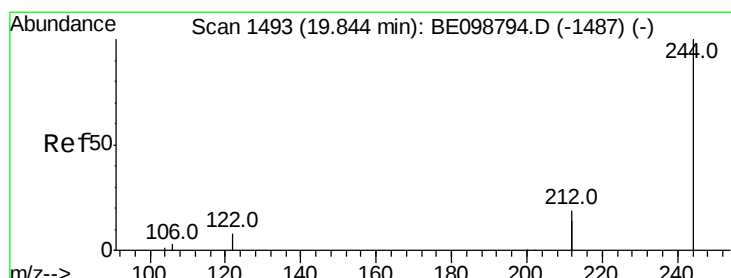
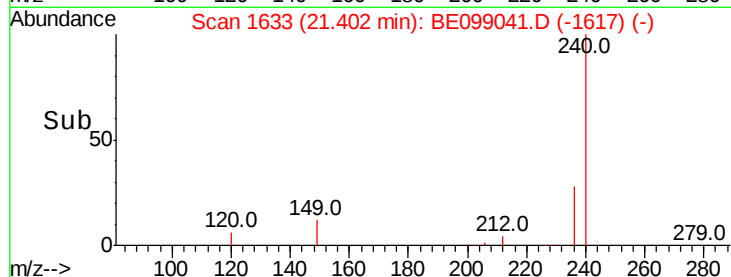
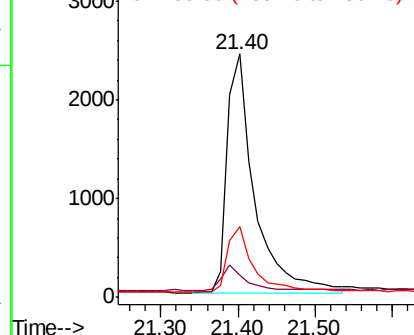
236 29.2 22.7 34.1



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: 0.370 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099041.D

Acq: 19 Mar 2019 18:38

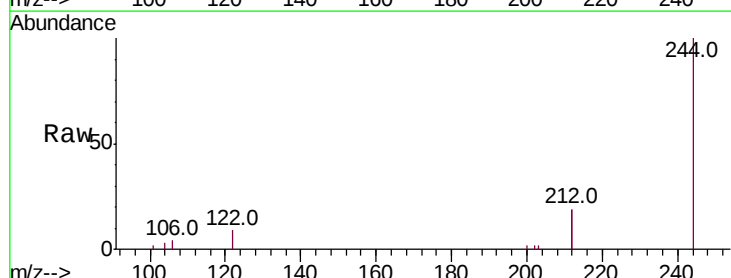
Tgt Ion:244 Resp: 5335

Ion Ratio Lower Upper

244 100

212 37.1 29.4 44.2

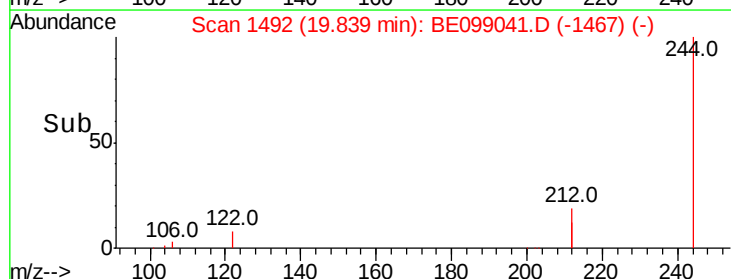
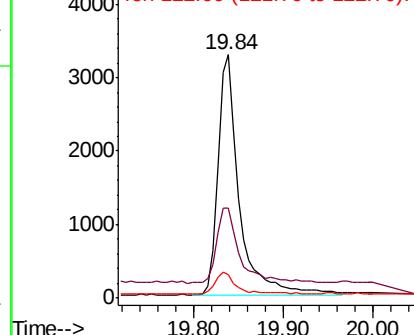
122 9.5 7.1 10.7

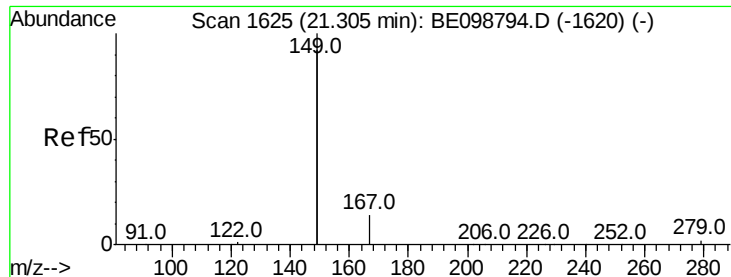


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.082 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099041.D

Acq: 19 Mar 2019 18:38

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30311-20190315

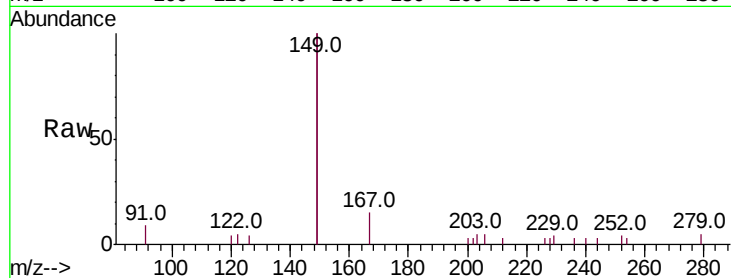
Tot Ion:149 Resp: 3217

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

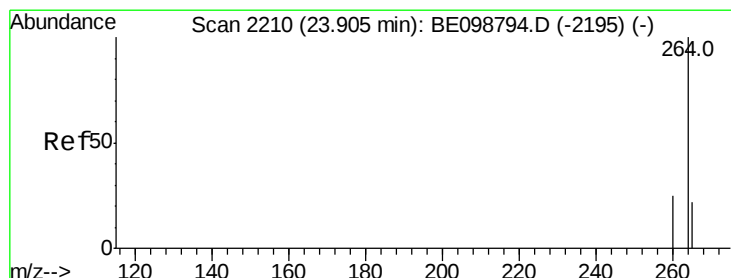
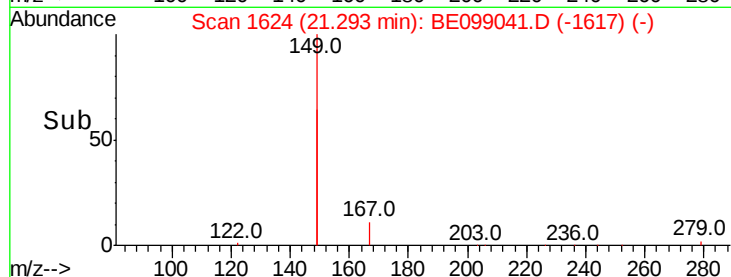
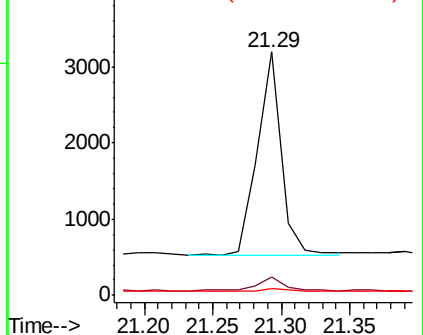
279 1.8 1.0 1.4#



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: 23.90 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BE099041.D

Acq: 19 Mar 2019 18:38

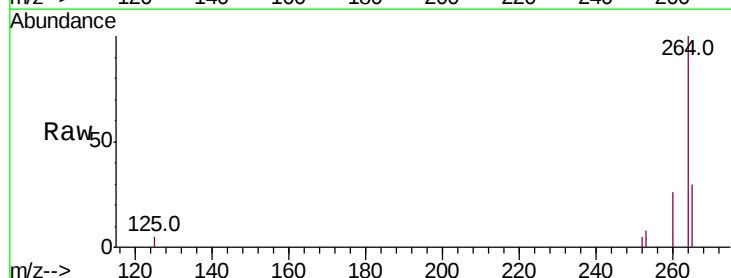
Tgt Ion:264 Resp: 5472

Ion Ratio Lower Upper

264 100

260 26.0 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

