

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100028.D
 Acq On : 14 Jun 2019 18:09
 Operator : JU/SJ
 Sample : K3284-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW308S-20190609

Quant Time: Jun 15 00:49:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

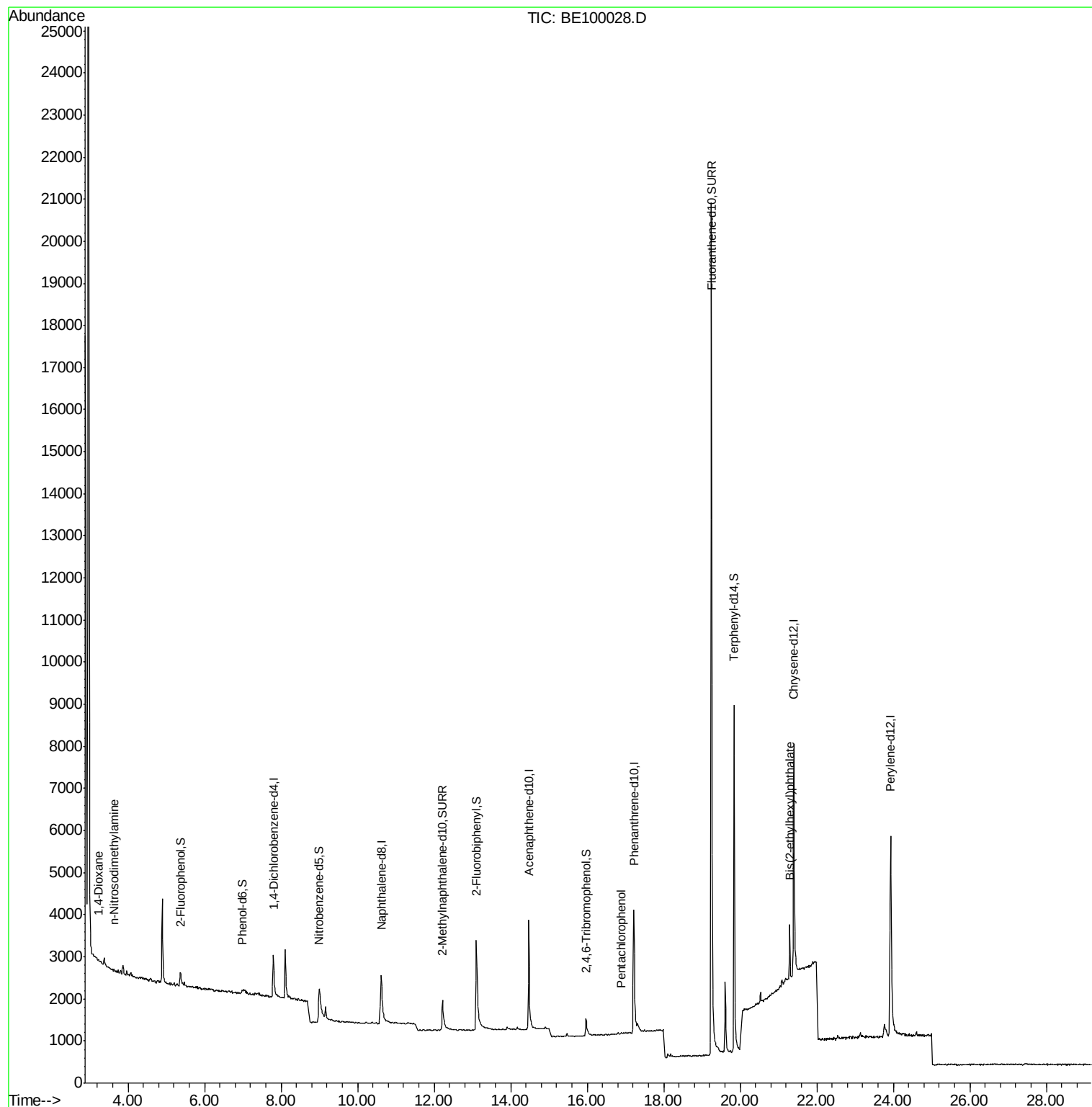
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	785	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2755	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2156	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5904	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8228	0.40	ng	0.00
34) Perylene-d12	23.93	264	9278	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	331	0.16	ng	0.01
5) Phenol-d6	6.99	99	227	0.08	ng	0.02
8) Nitrobenzene-d5	8.99	82	1009	0.39	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	1865	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	525	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4038	0.49	ng	0.00
25) Fluoranthene-d10	19.25	212	34568	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	9190	0.62	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.23	88	36	0.031	ng	Qvalue # 29
3) n-Nitrosodimethylamine	3.63	42	24	0.036	ng	# 100
22) Pentachlorophenol	16.89	266	39	0.323	ng	88
32) Bis(2-ethylhexyl)phthalate	21.29	149	1573	0.045	ng	98

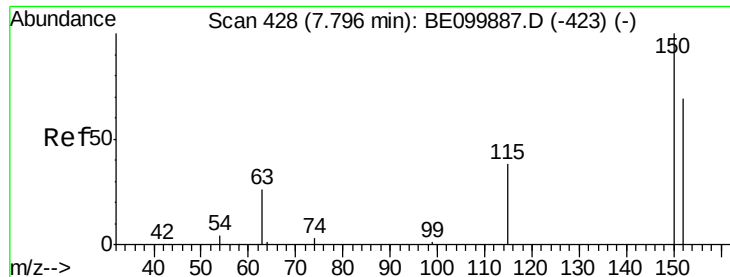
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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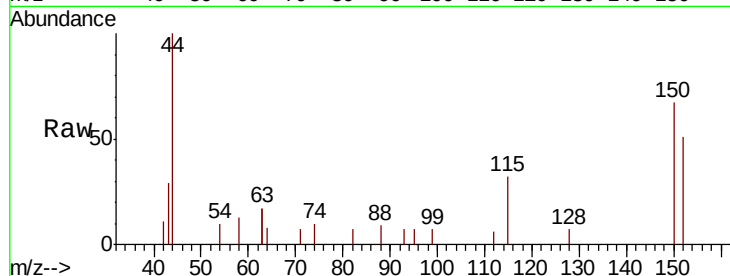


#1

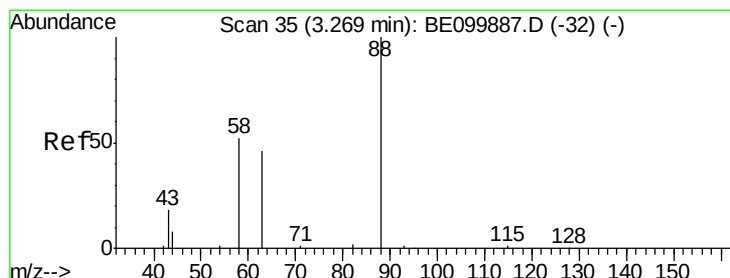
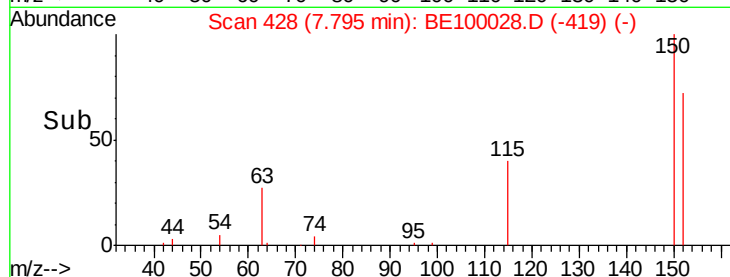
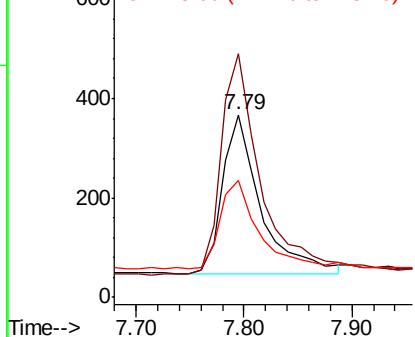
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100028.D
Acq: 14 Jun 2019 18:09

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW308S-20190609

Tgt Ion: 152 Resp: 785
Ion Ratio Lower Upper
152 100
150 133.5 111.0 166.6
115 63.8 50.7 76.1



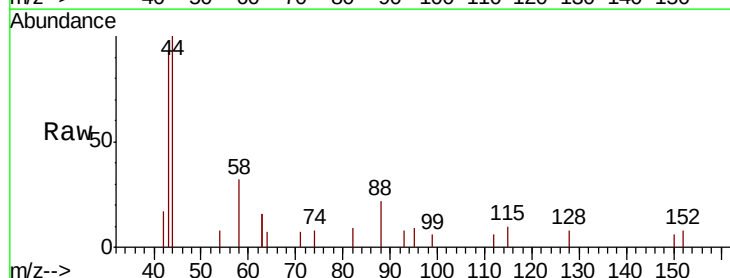
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



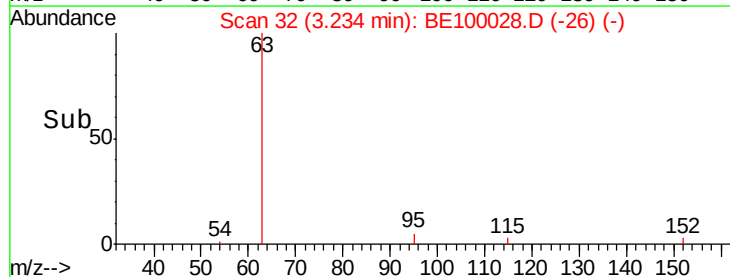
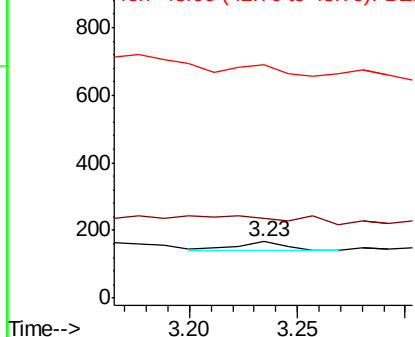
#2

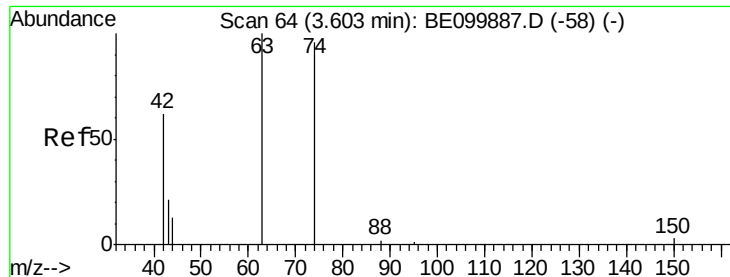
1,4-Dioxane
Concen: 0.031 ng
RT: 3.23 min Scan# 32
Delta R.T. -0.04 min
Lab File: BE100028.D
Acq: 14 Jun 2019 18:09

Tgt Ion: 88 Resp: 36
Ion Ratio Lower Upper
88 100
58 0.0 48.8 73.2#
43 0.0 19.0 28.6#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.036 ng

RT: 3.63 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE100028.D

Acq: 14 Jun 2019 18:09

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW308S-20190609

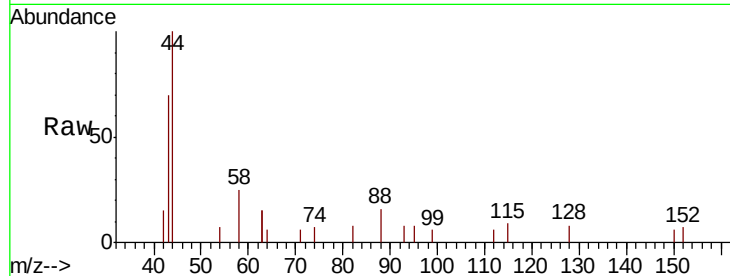
Tgt Ion: 42 Resp: 24

Ion Ratio Lower Upper

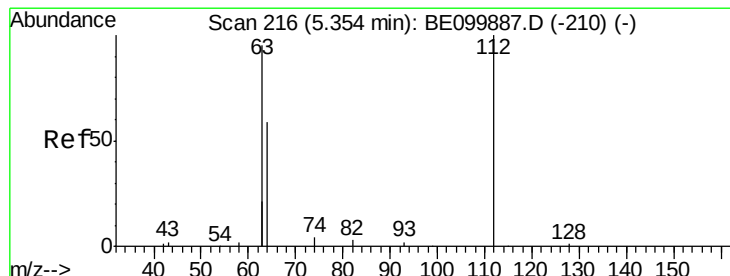
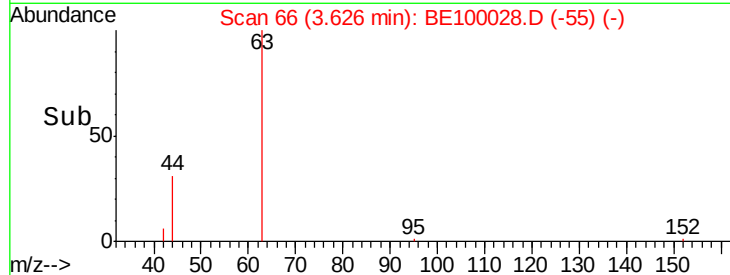
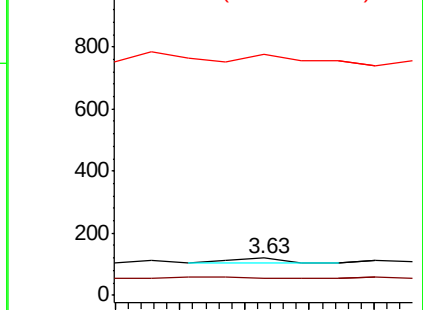
42 100

74 0.0 0.0 0.0

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100028.D

Acq: 14 Jun 2019 18:09

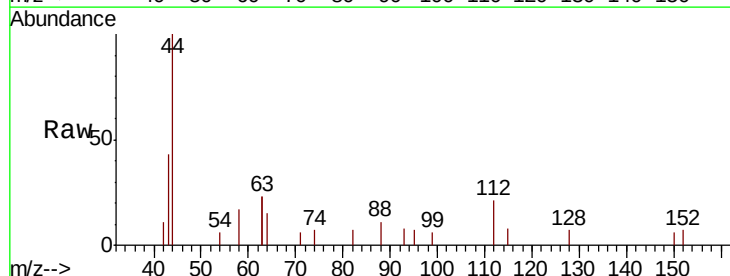
Tgt Ion: 112 Resp: 331

Ion Ratio Lower Upper

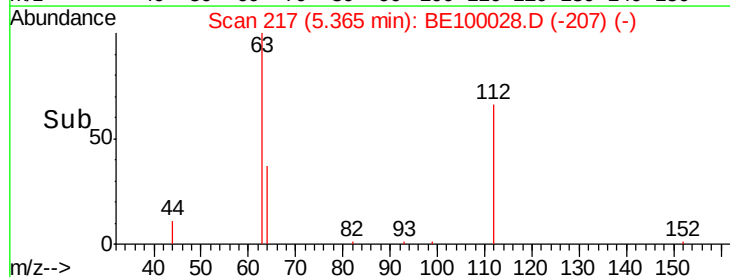
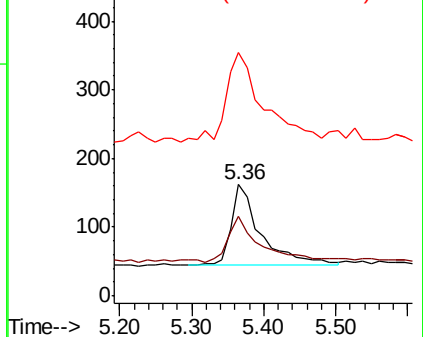
112 100

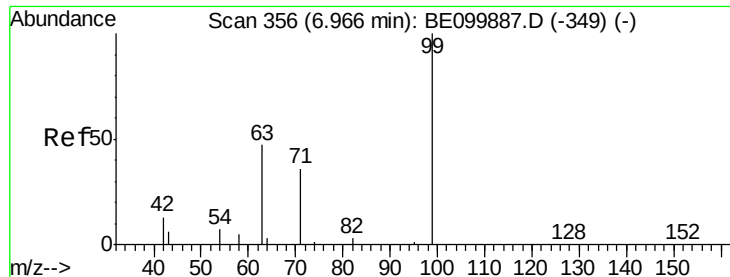
64 66.2 44.1 66.1#

63 142.0 87.8 131.6#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.083 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE100028.D

Acq: 14 Jun 2019 18:09

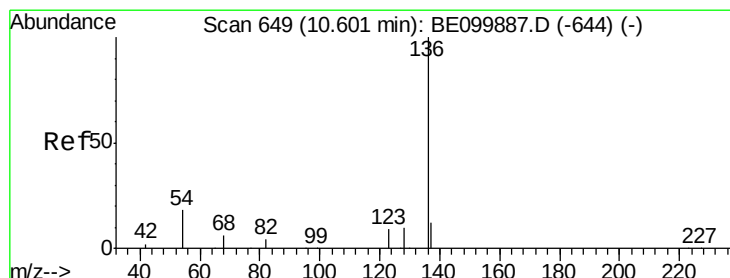
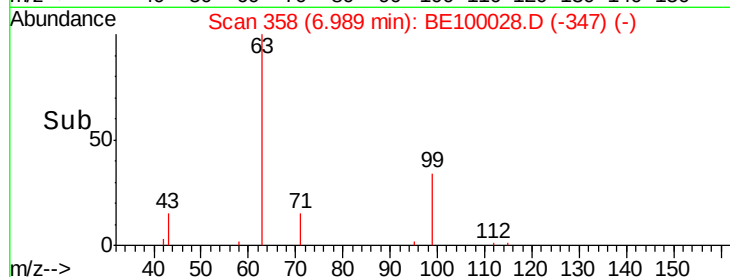
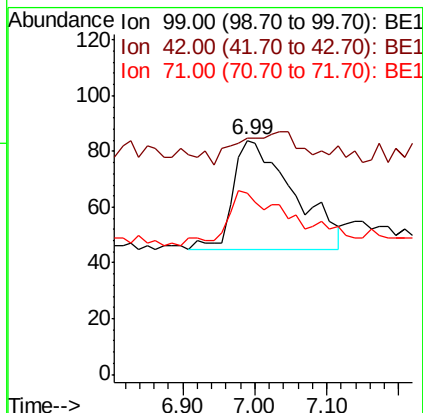
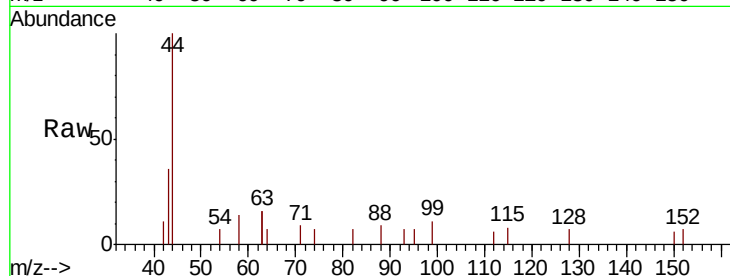
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW308S-20190609

Tgt Ion:	99	Resp:	227
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.9	23.9#
71	37.9	34.6	52.0



#7

Naphthalene-d8

Concen: 0.400 ng

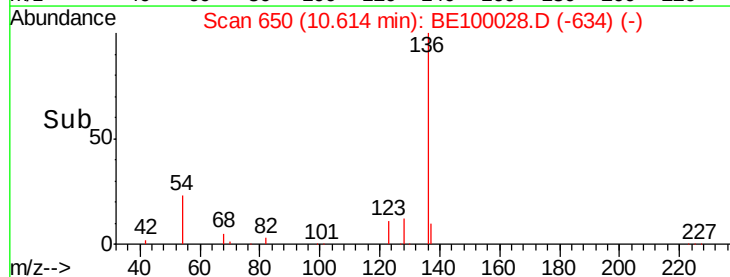
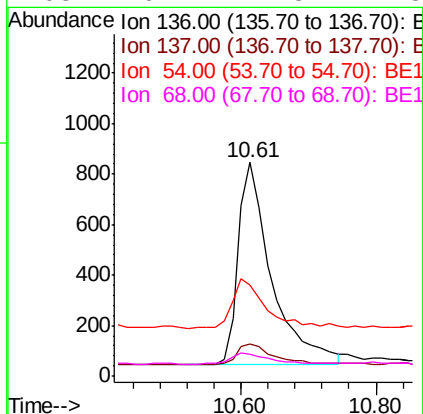
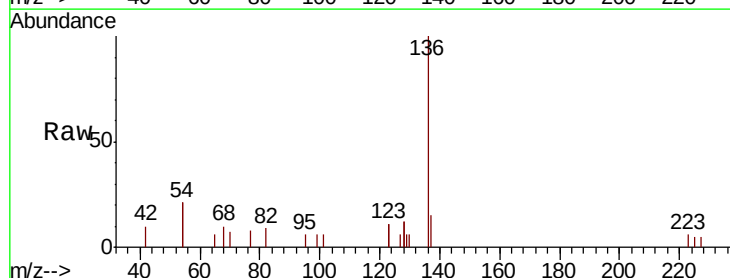
RT: 10.61 min Scan# 650

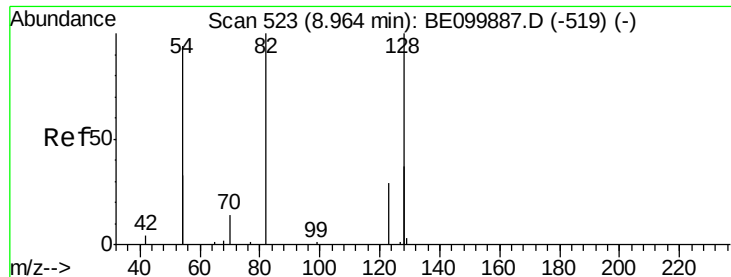
Delta R.T. 0.01 min

Lab File: BE100028.D

Acq: 14 Jun 2019 18:09

Tgt Ion:	136	Resp:	2755
Ion	Ratio	Lower	Upper
136	100		
137	15.2	12.3	18.5
54	42.8	28.2	42.4#
68	10.4	7.8	11.8





#8

Nitrobenzene-d5

Concen: 0.387 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE100028.D

Acq: 14 Jun 2019 18:09

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW308S-20190609

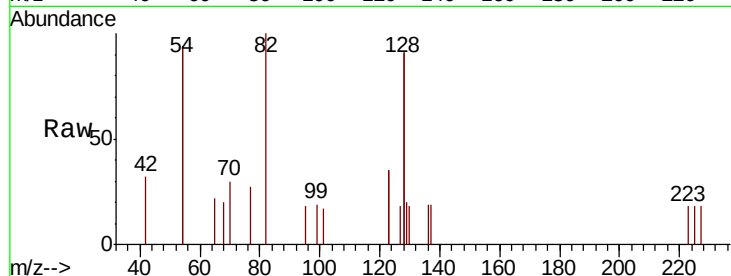
Tgt Ion: 82 Resp: 1009

Ion Ratio Lower Upper

82 100

128 181.2 137.3 205.9

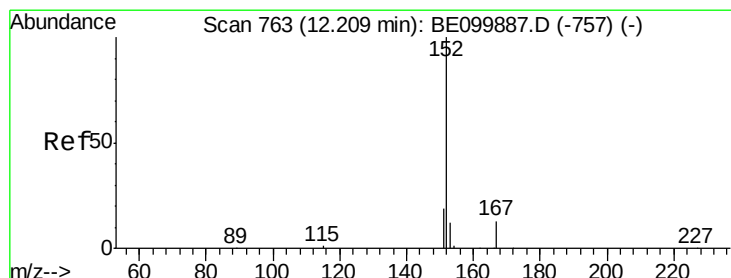
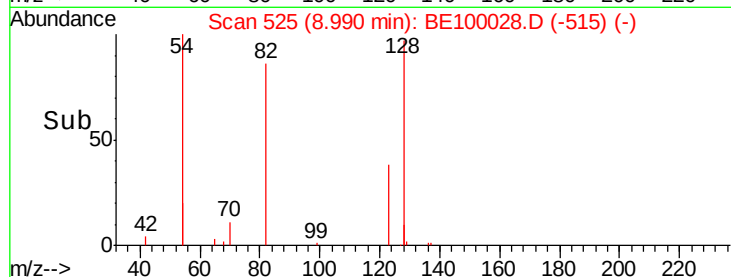
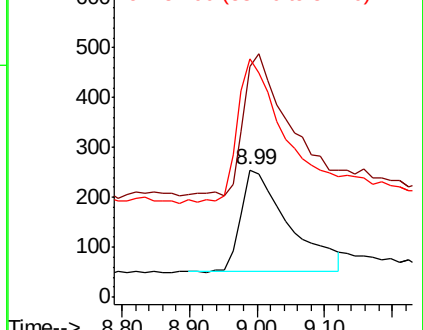
54 187.5 129.7 194.5



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE100028.D

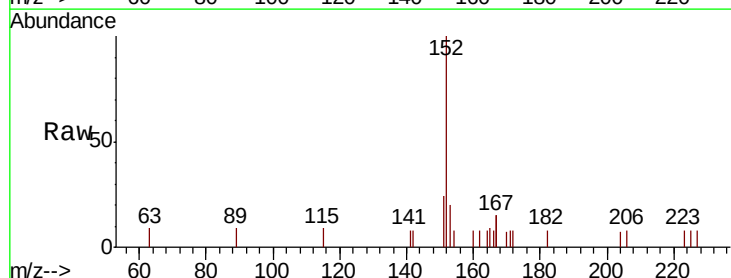
Acq: 14 Jun 2019 18:09

Tgt Ion: 152 Resp: 1865

Ion Ratio Lower Upper

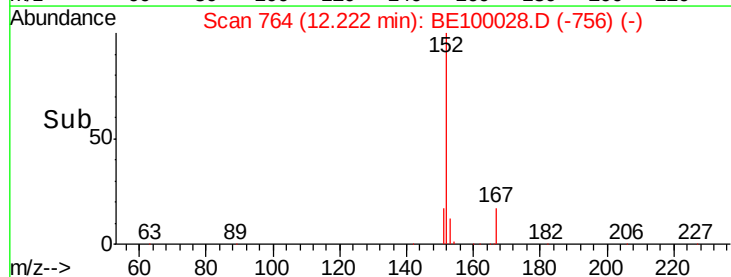
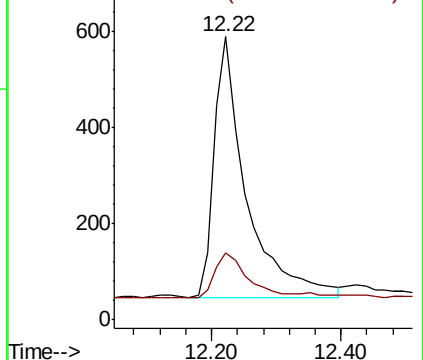
152 100

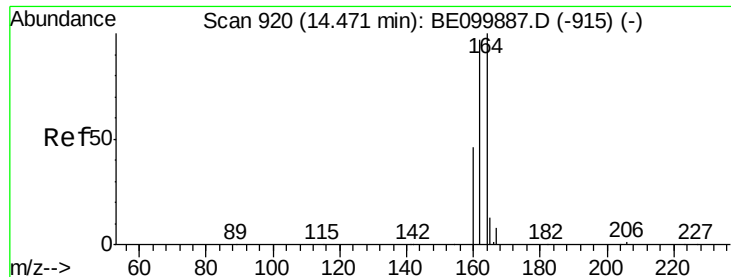
151 18.7 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

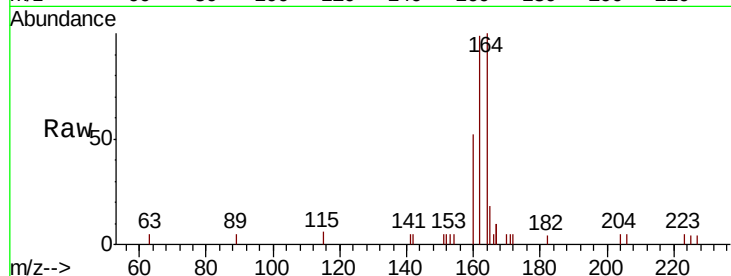




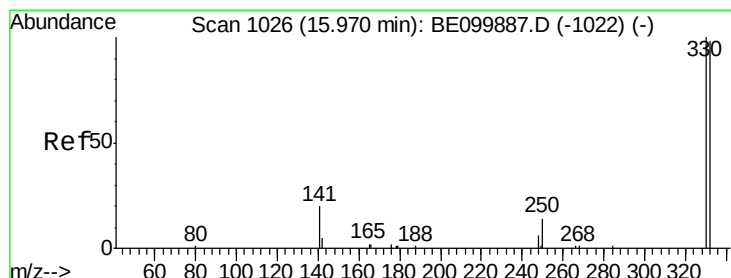
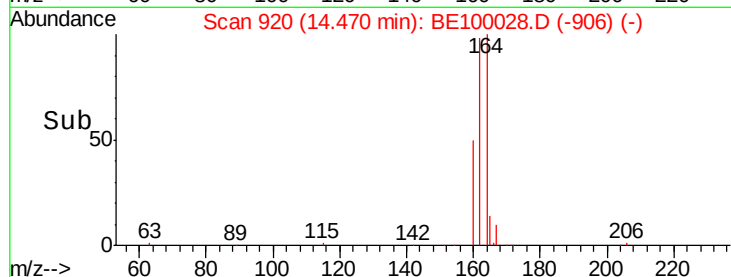
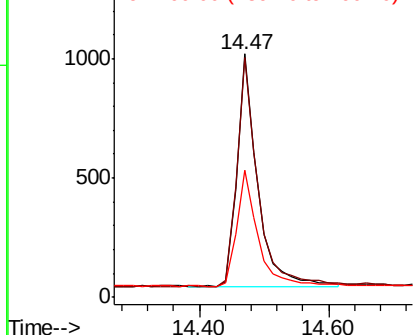
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100028.D
Acq: 14 Jun 2019 18:09

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW308S-20190609

Tgt Ion:164 Resp: 2156
Ion Ratio Lower Upper
164 100
162 98.5 77.8 116.8
160 52.1 38.2 57.4

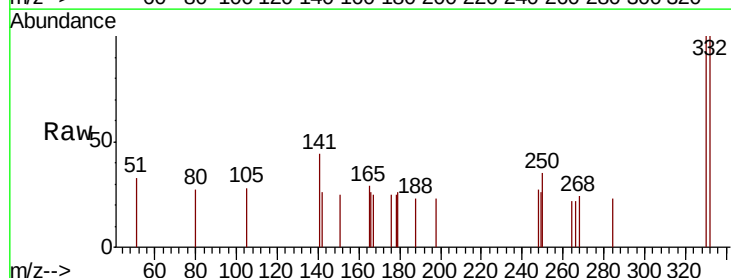


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

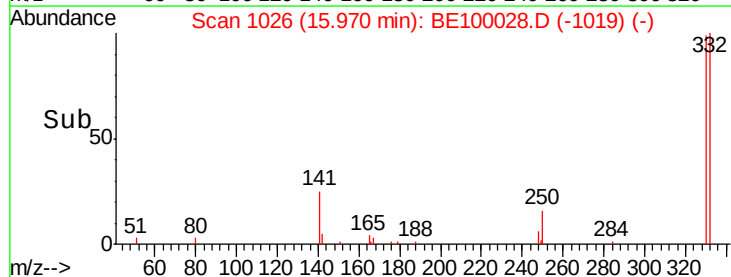
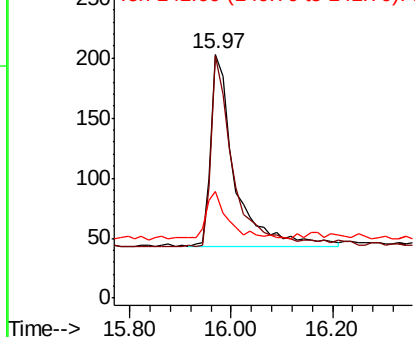


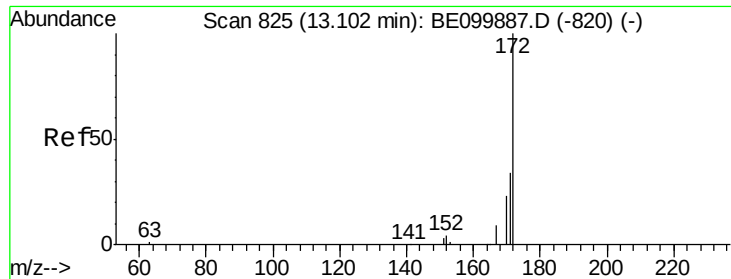
#14
2,4,6-Tribromophenol
Concen: 0.329 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE100028.D
Acq: 14 Jun 2019 18:09

Tgt Ion:330 Resp: 525
Ion Ratio Lower Upper
330 100
332 90.5 76.7 115.1
141 21.7 21.0 31.6



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

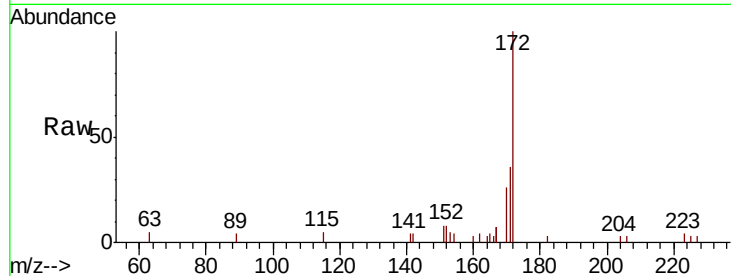




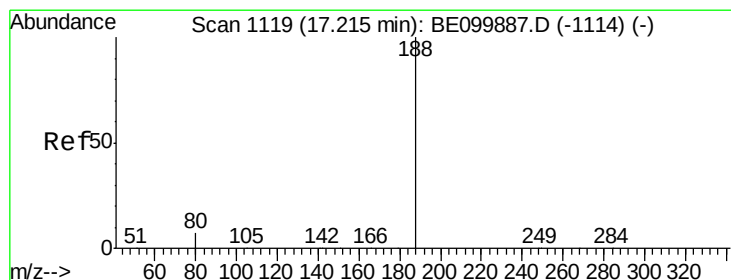
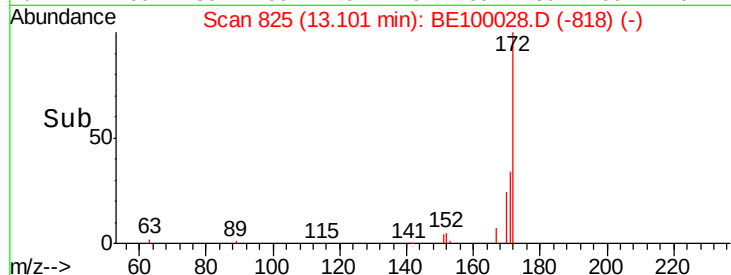
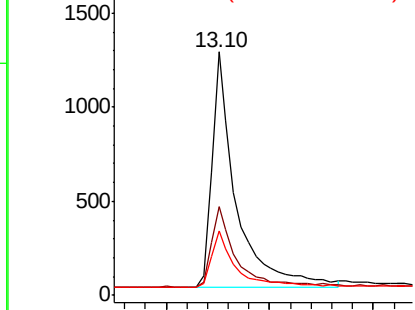
#15
2-Fluorobiphenyl
Concen: 0.494 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100028.D
Acq: 14 Jun 2019 18:09

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW308S-20190609

Tgt Ion:172 Resp: 4038
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 26.4 21.2 31.8

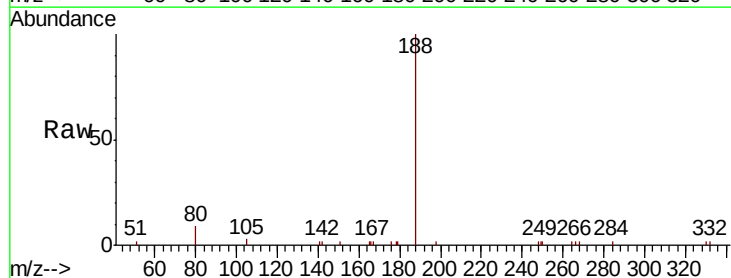


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

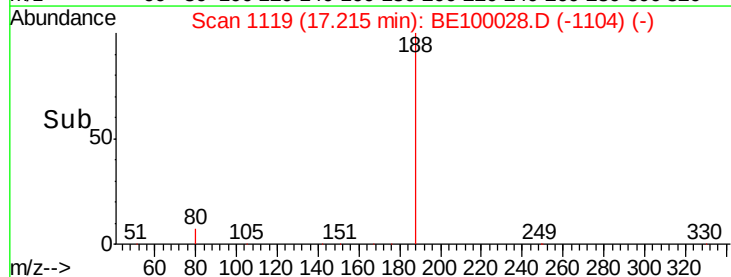
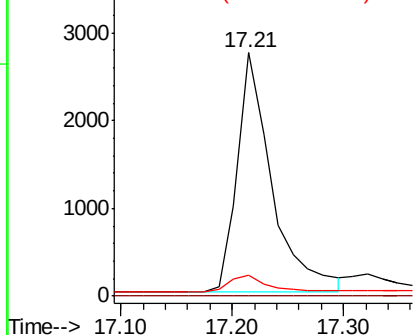


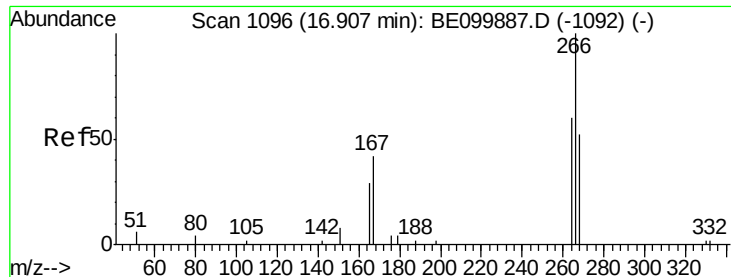
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100028.D
Acq: 14 Jun 2019 18:09

Tgt Ion:188 Resp: 5904
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

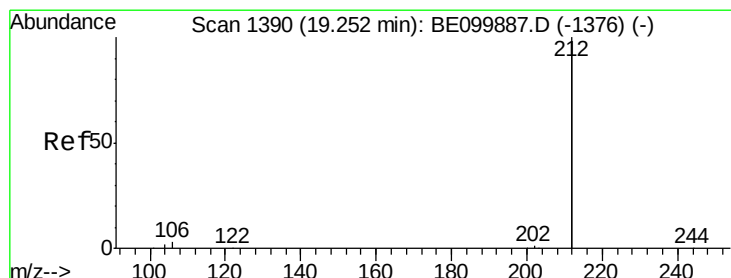
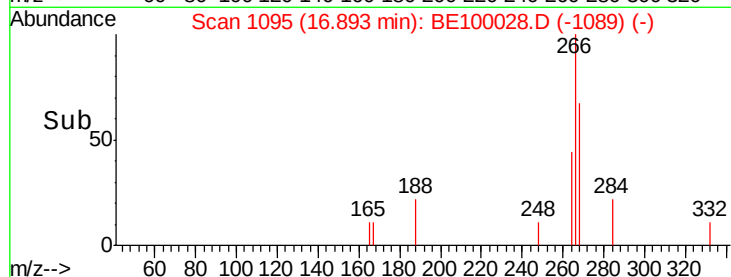
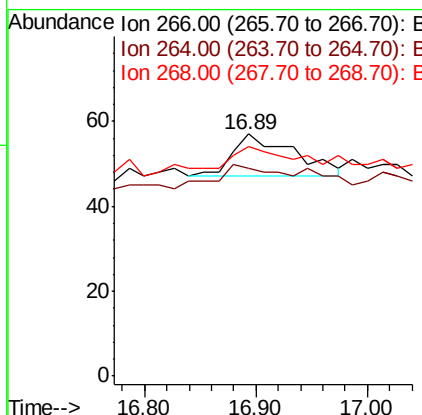
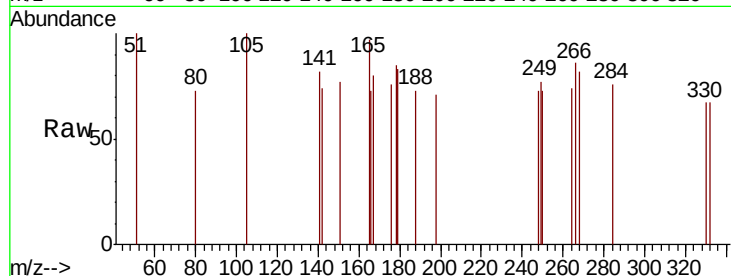




#22
 Pentachlorophenol
 Concen: 0.323 ng
 RT: 16.89 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BE100028.D
 Acq: 14 Jun 2019 18:09

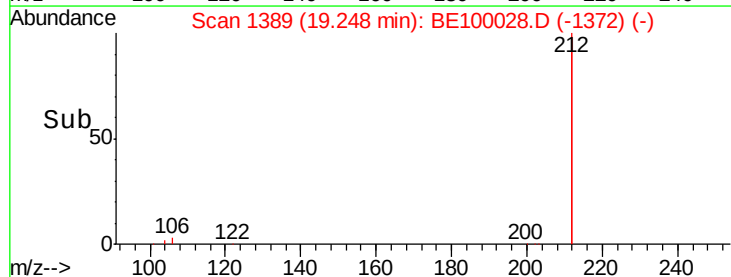
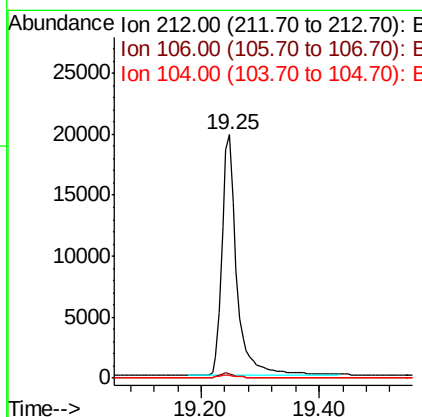
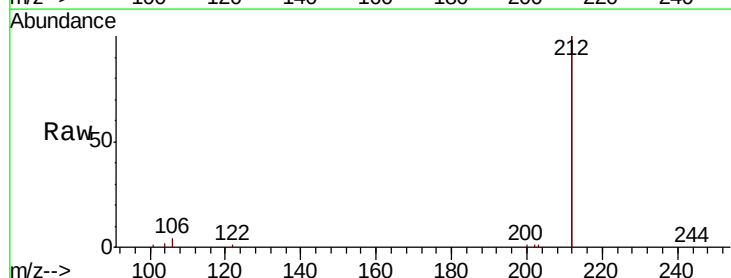
Instrument :
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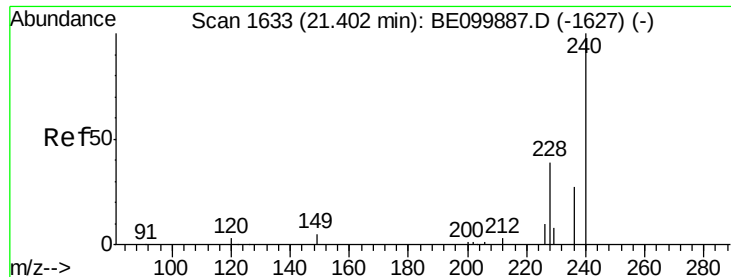
Tgt Ion: 266 Resp: 39
 Ion Ratio Lower Upper
 266 100
 264 86.0 62.2 93.2
 268 94.7 65.5 98.3



#25
 Fluoranthene-d10
 Concen: 0.402 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BE100028.D
 Acq: 14 Jun 2019 18:09

Tgt Ion: 212 Resp: 34568
 Ion Ratio Lower Upper
 212 100
 106 1.7 1.4 2.2
 104 1.1 0.9 1.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100028.D

Acq: 14 Jun 2019 18:09

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW308S-20190609

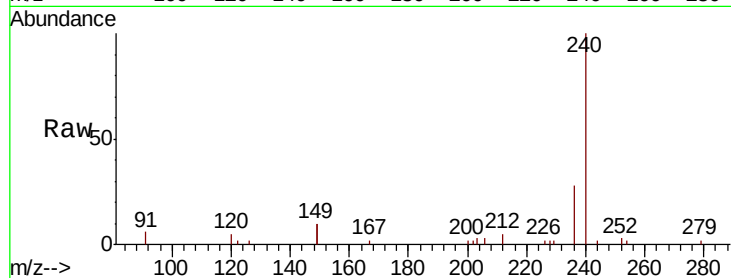
Tgt Ion:240 Resp: 8228

Ion Ratio Lower Upper

240 100

120 5.4 3.8 5.6

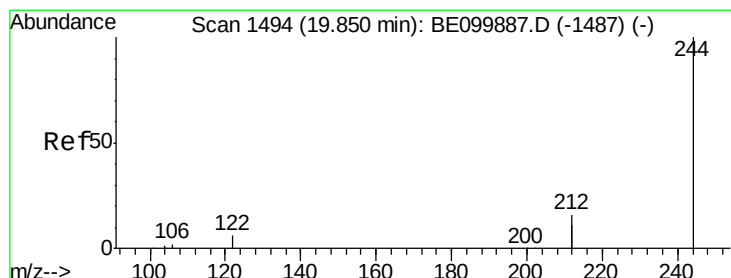
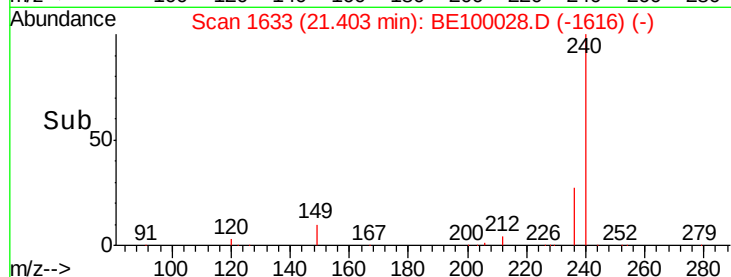
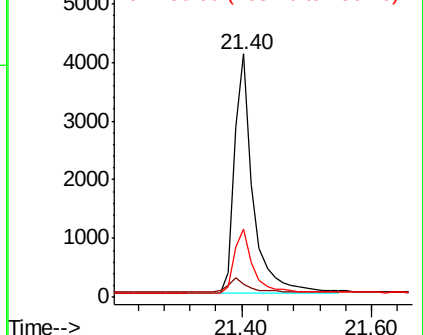
236 28.1 22.0 33.0



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: 0.620 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100028.D

Acq: 14 Jun 2019 18:09

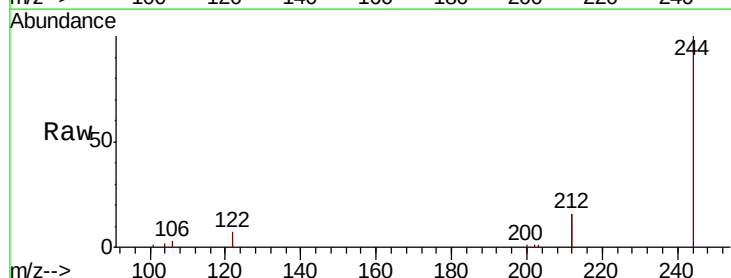
Tgt Ion:244 Resp: 9190

Ion Ratio Lower Upper

244 100

212 32.0 25.7 38.5

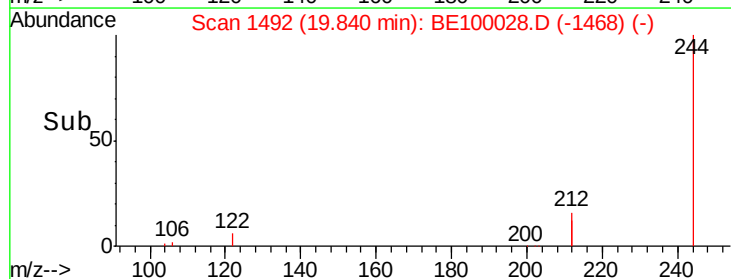
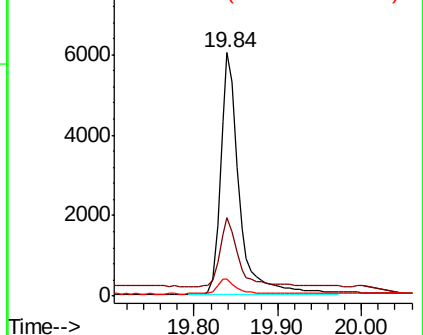
122 6.9 5.5 8.3

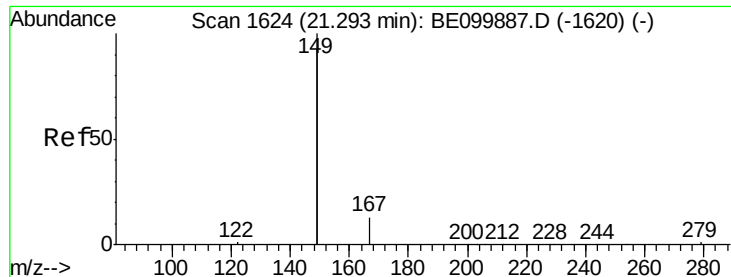


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.045 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100028.D

Acq: 14 Jun 2019 18:09

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW308S-20190609

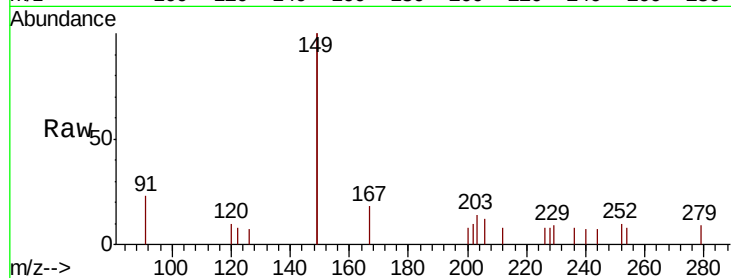
Tgt Ion:149 Resp: 1573

Ion Ratio Lower Upper

149 100

167 8.1 5.9 8.9

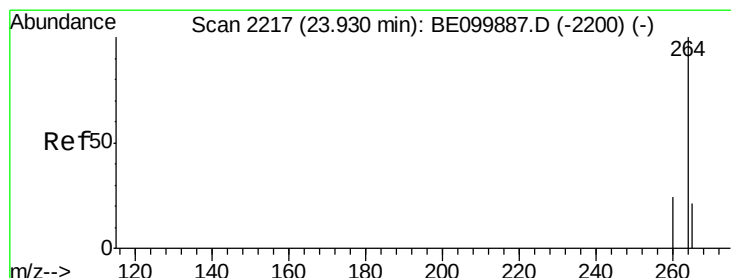
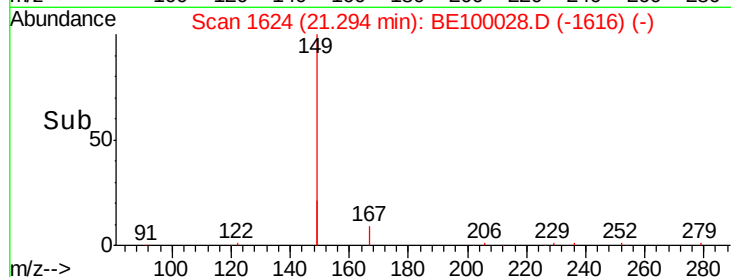
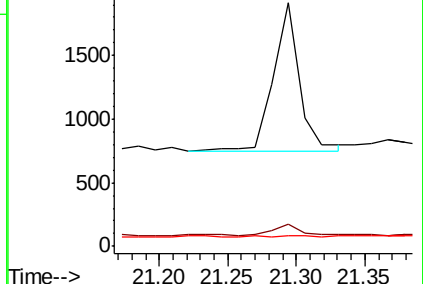
279 1.3 1.2 1.8



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: 23.93 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BE100028.D

Acq: 14 Jun 2019 18:09

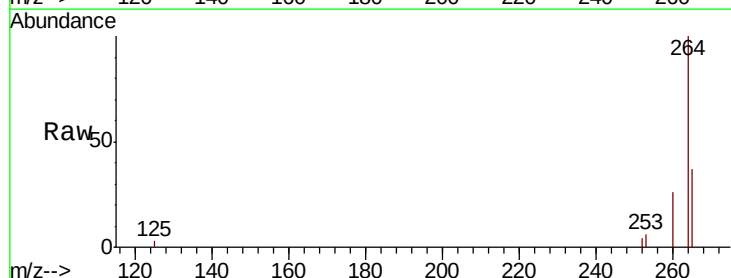
Tgt Ion:264 Resp: 9278

Ion Ratio Lower Upper

264 100

260 26.2 20.2 30.2

265 36.9 22.0 33.0#



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

