

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100052.D
 Acq On : 15 Jun 2019 10:22
 Operator : JU/SJ
 Sample : K3315-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE125D1-20190610

Quant Time: Jun 17 01:11:17 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

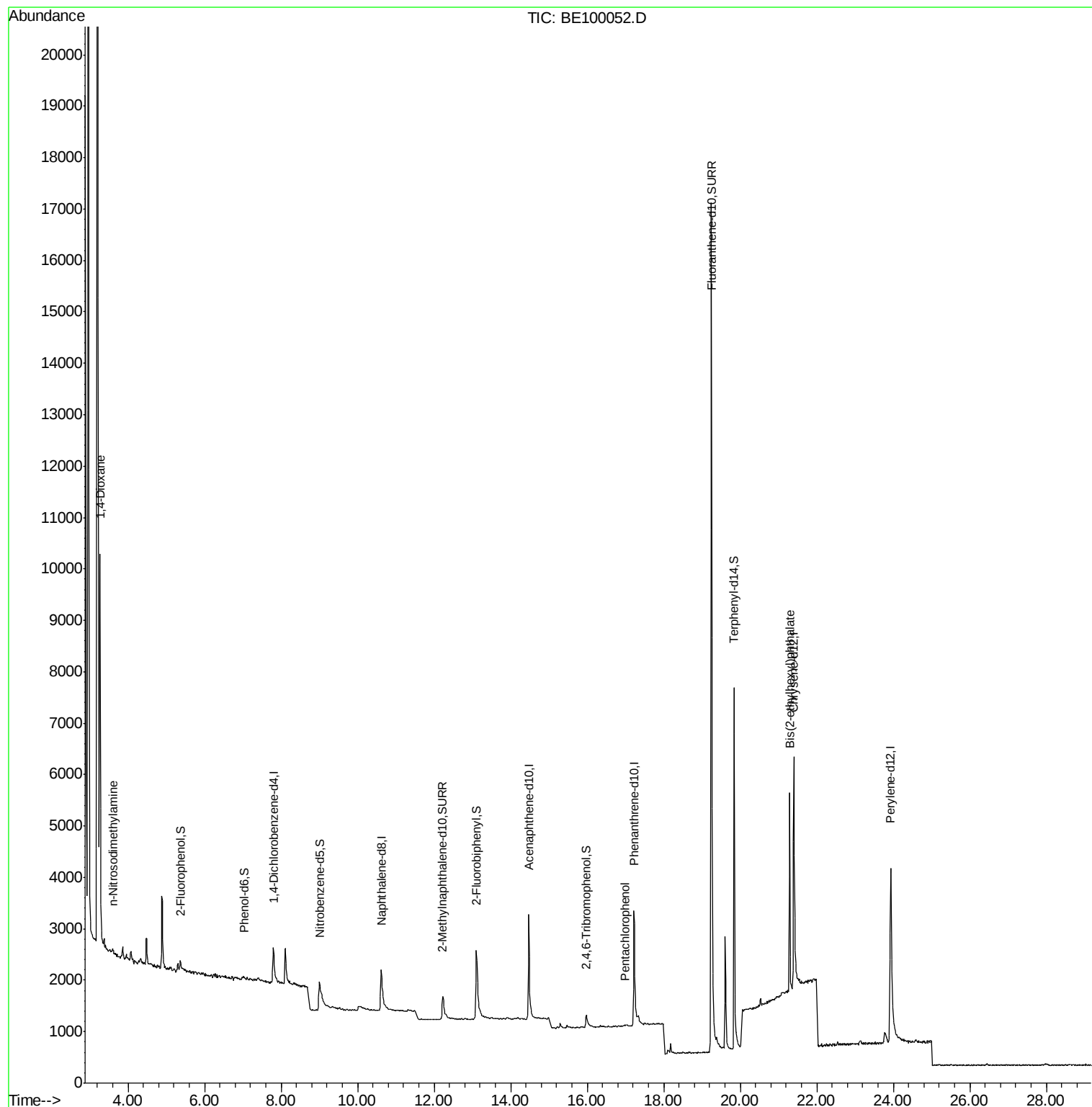
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	628	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2169	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1895	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6159	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7247	0.40	ng	0.00
34) Perylene-d12	23.93	264	7880	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	238	0.14	ng	0.00
5) Phenol-d6	7.03	99	131	0.06	ng	0.07
8) Nitrobenzene-d5	9.00	82	698	0.34	ng	0.04
11) 2-Methylnaphthalene-d10	12.22	152	1410	0.37	ng	0.02
14) 2,4,6-Tribromophenol	15.98	330	391	0.28	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	3017	0.42	ng	0.00
25) Fluoranthene-d10	19.25	212	30185	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	7855	0.60	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	7096	7.635	ng	Qvalue 94
3) n-Nitrosodimethylamine	3.60	42	12	0.022	ng	# 100
22) Pentachlorophenol	16.97	266	8	0.304	ng	84
32) Bis(2-ethylhexyl)phthalate	21.29	149	5000	0.161	ng	99

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

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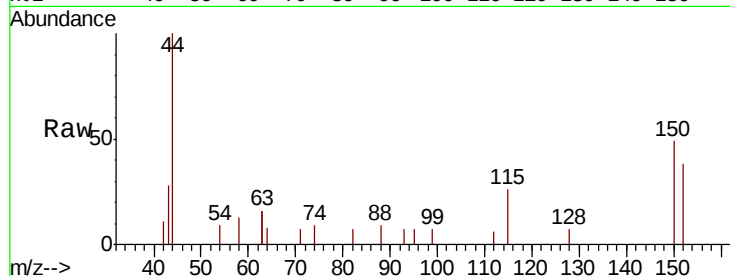


#1

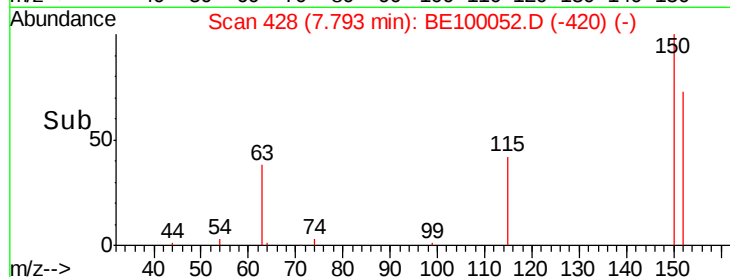
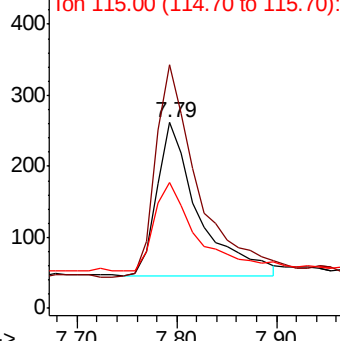
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

Instrument :
BNA_E
ClientSampleId :
RE125D1-20190610

Tgt Ion:152 Resp: 628
Ion Ratio Lower Upper
152 100
150 130.9 111.0 166.6
115 67.9 50.7 76.1



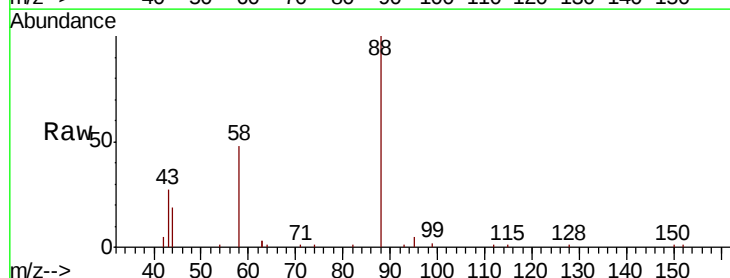
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



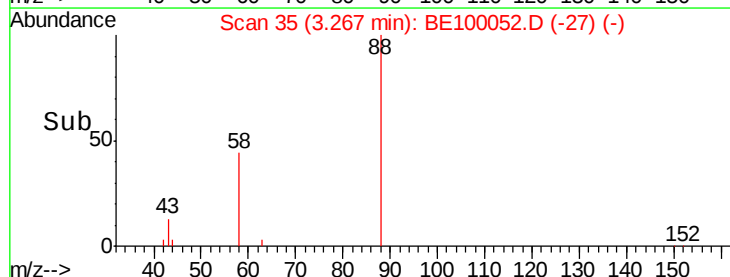
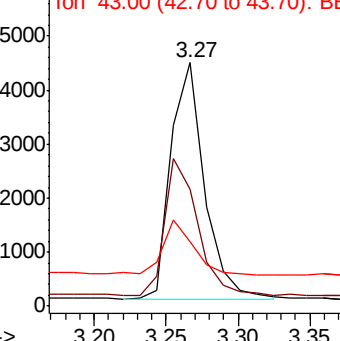
#2

1,4-Dioxane
Concen: 7.635 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

Tgt Ion: 88 Resp: 7096
Ion Ratio Lower Upper
88 100
58 55.8 48.8 73.2
43 21.9 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: 0.022 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.00 min

Lab File: BE100052.D

Acq: 15 Jun 2019 10:22

Instrument :

BNA_E

ClientSampleId :

RE125D1-20190610

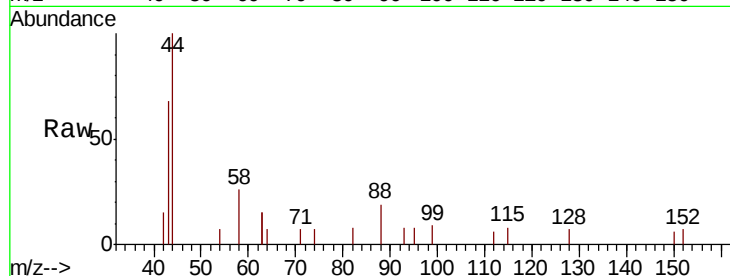
Tgt Ion: 42 Resp: 12

Ion Ratio Lower Upper

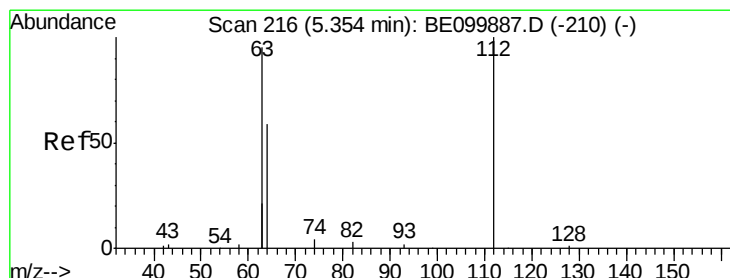
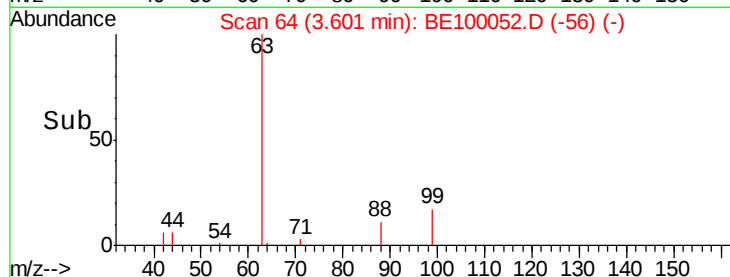
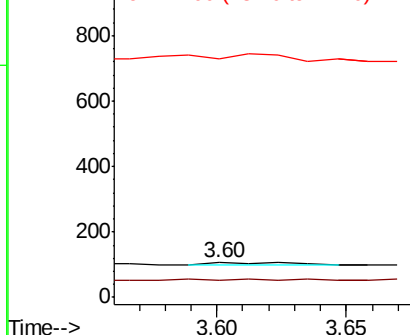
42 100

74 108.3 0.0 0.0#

44 116.7 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: 0.140 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100052.D

Acq: 15 Jun 2019 10:22

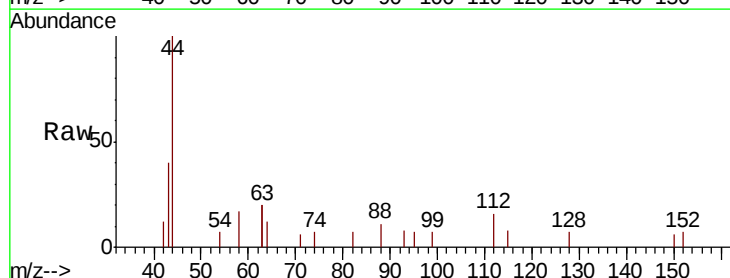
Tgt Ion: 112 Resp: 238

Ion Ratio Lower Upper

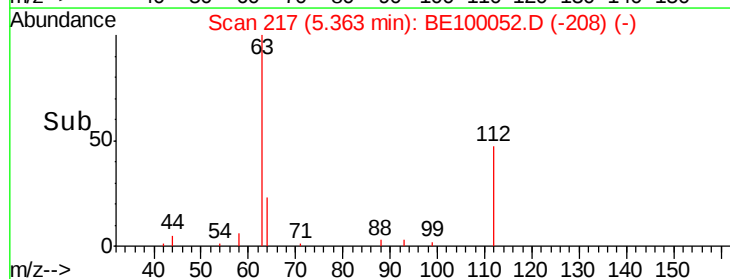
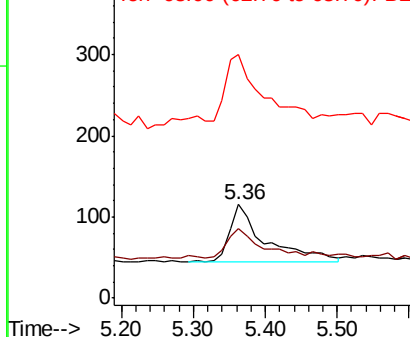
112 100

64 59.7 44.1 66.1

63 121.4 87.8 131.6



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





#5

Phenol-d6

Concen: 0.060 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.07 min

Lab File: BE100052.D

Acq: 15 Jun 2019 10:22

Instrument :

BNA_E

ClientSampleId :

RE125D1-20190610

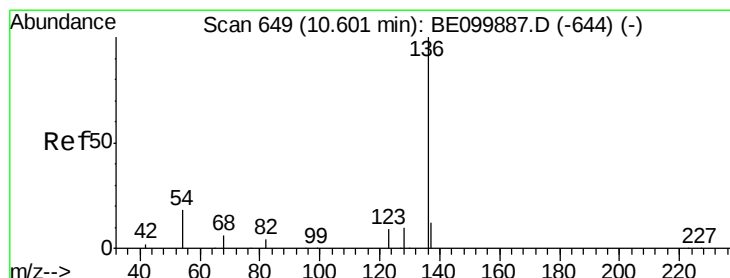
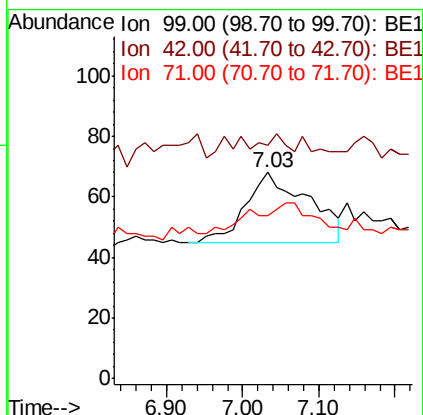
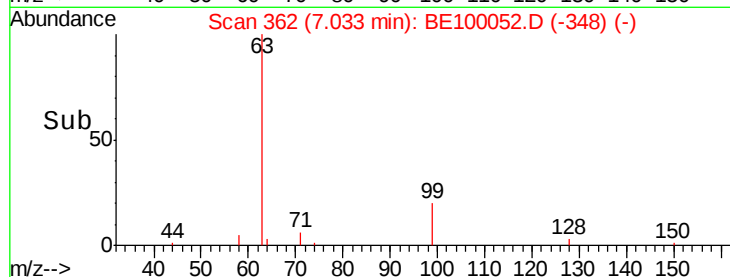
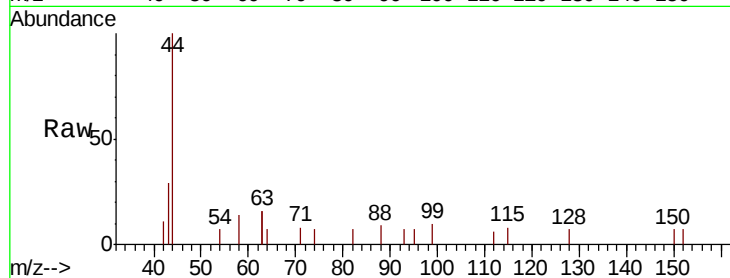
Tgt Ion: 99 Resp: 131

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

71 0.0 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: BE100052.D

Acq: 15 Jun 2019 10:22

Tgt Ion: 136 Resp: 2169

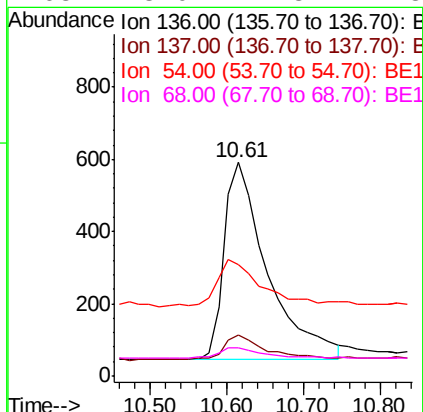
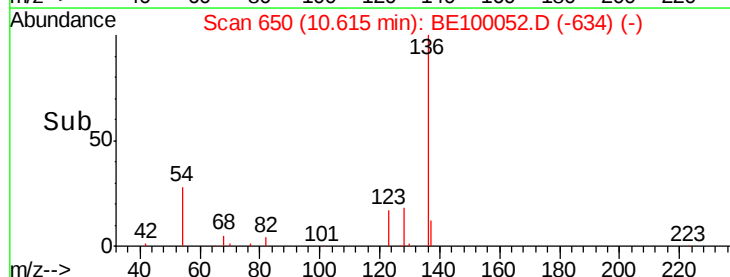
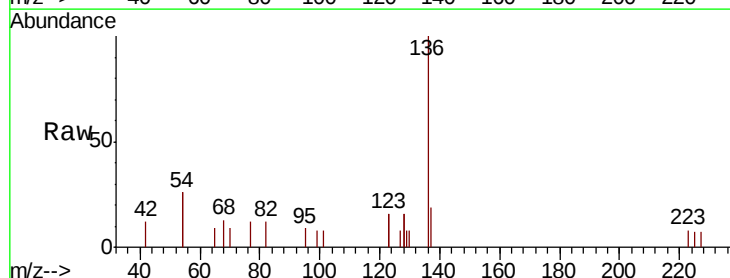
Ion Ratio Lower Upper

136 100

137 19.3 12.3 18.5#

54 52.0 28.2 42.4#

68 13.0 7.8 11.8#





#8

Nitrobenzene-d5

Concen: 0.340 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE100052.D

Acq: 15 Jun 2019 10:22

Instrument :

BNA_E

ClientSampleId :

RE125D1-20190610

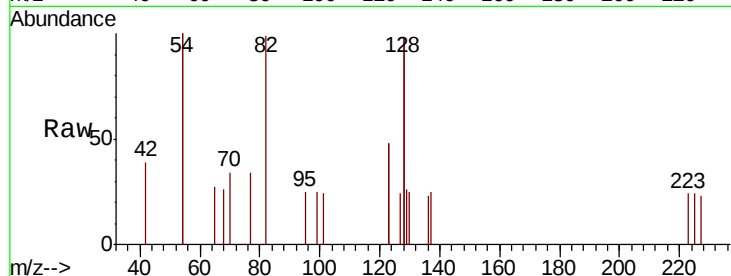
Tgt Ion: 82 Resp: 698

Ion Ratio Lower Upper

82 100

128 196.9 137.3 205.9

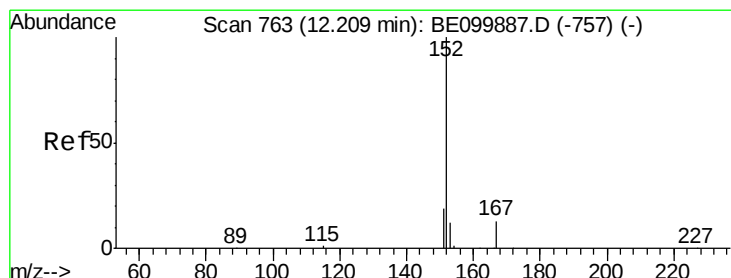
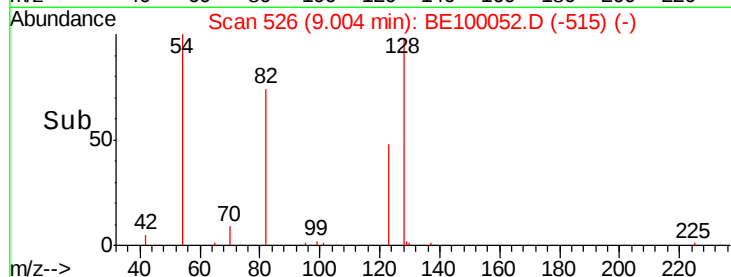
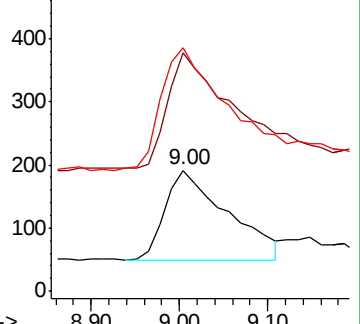
54 201.0 129.7 194.5#



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: 0.373 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.02 min

Lab File: BE100052.D

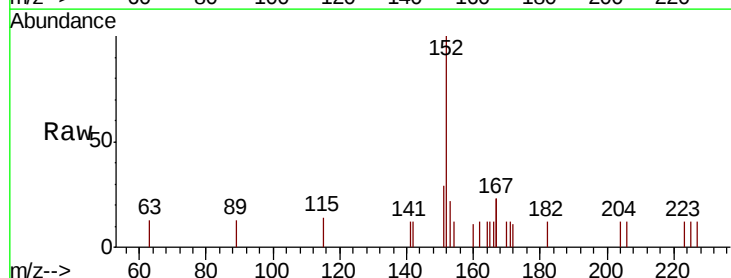
Acq: 15 Jun 2019 10:22

Tgt Ion: 152 Resp: 1410

Ion Ratio Lower Upper

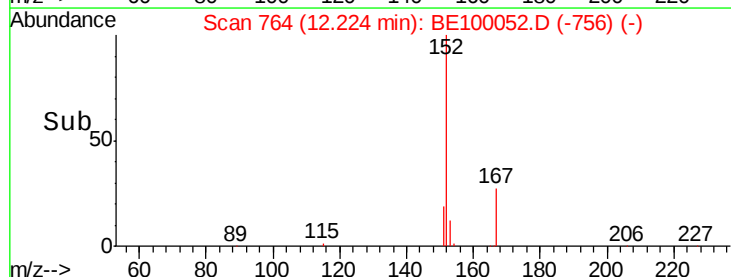
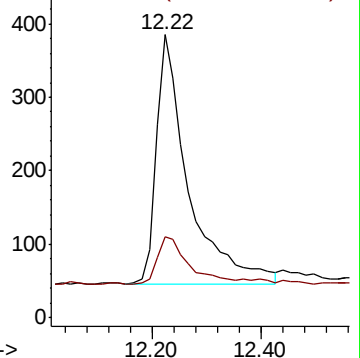
152 100

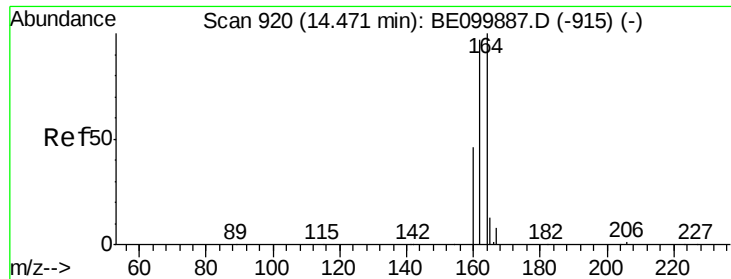
151 18.0 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

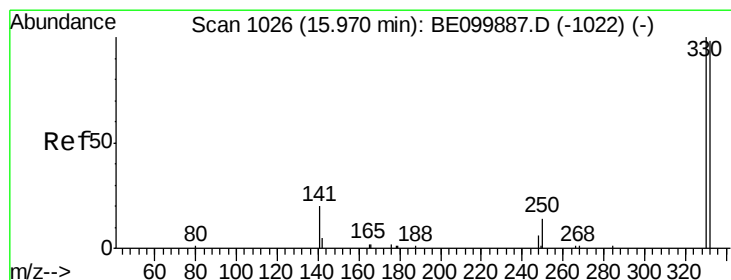
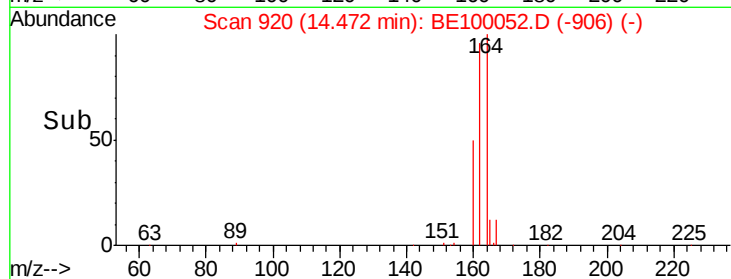
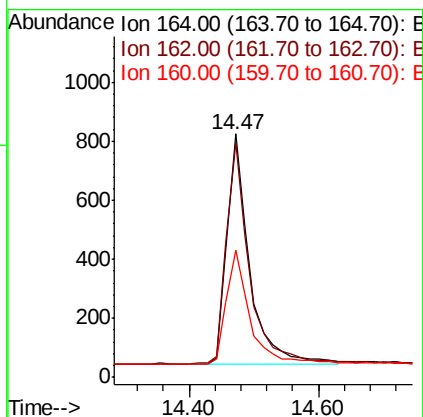
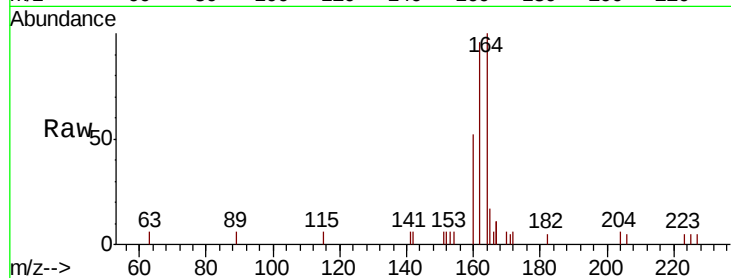




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

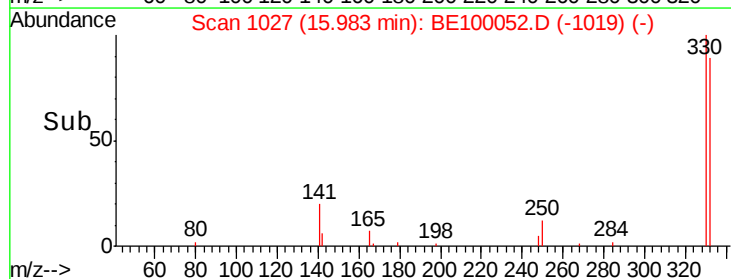
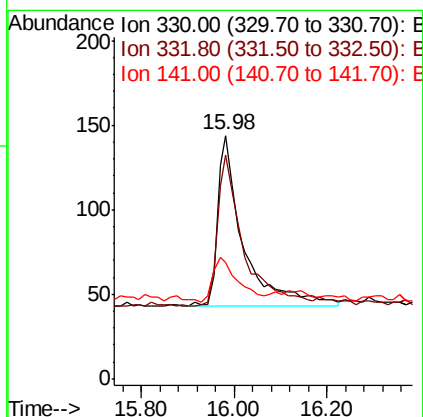
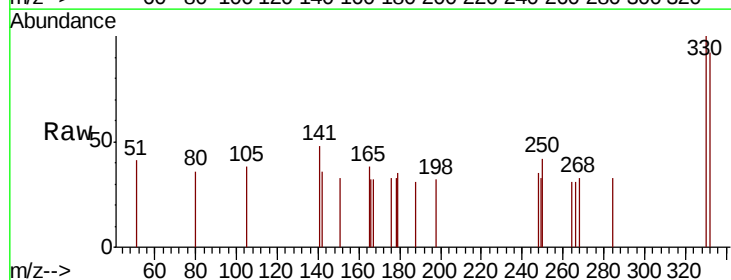
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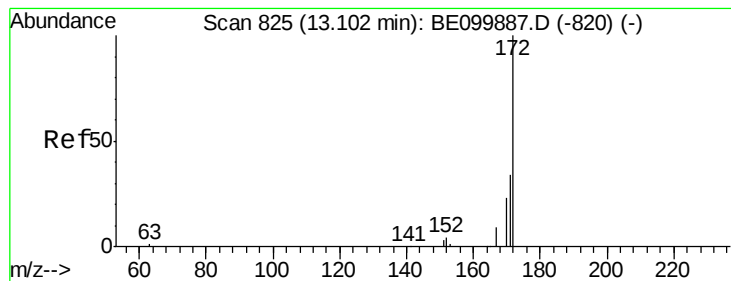
Tgt Ion:164 Resp: 1895
Ion Ratio Lower Upper
164 100
162 96.1 77.8 116.8
160 52.4 38.2 57.4



#14
2,4,6-Tribromophenol
Concen: 0.279 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

Tgt Ion:330 Resp: 391
Ion Ratio Lower Upper
330 100
332 89.5 76.7 115.1
141 26.3 21.0 31.6

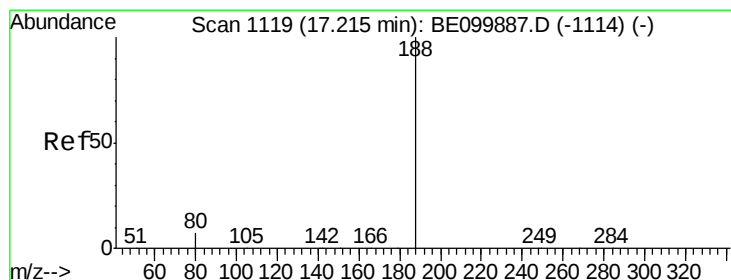
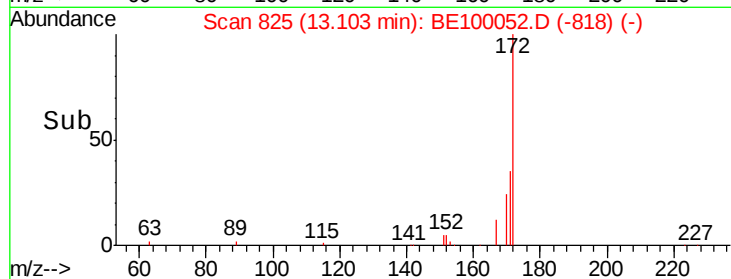
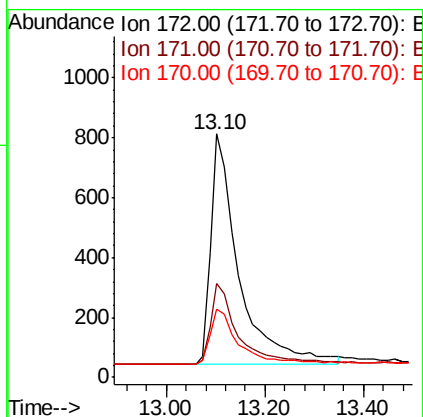
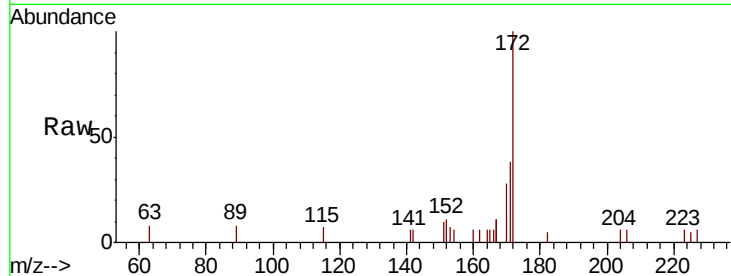




#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

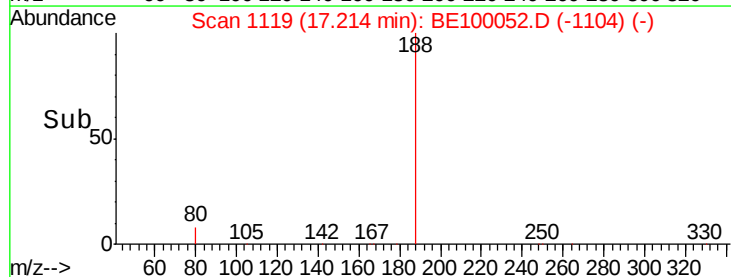
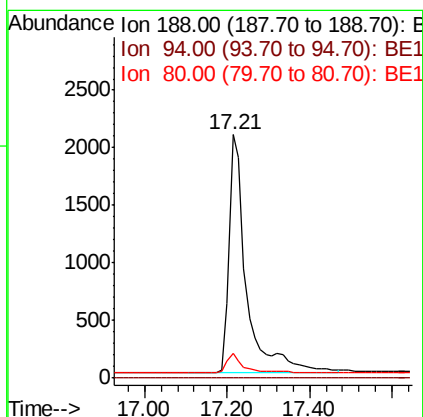
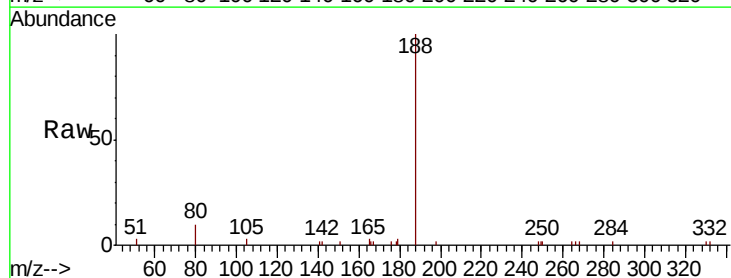
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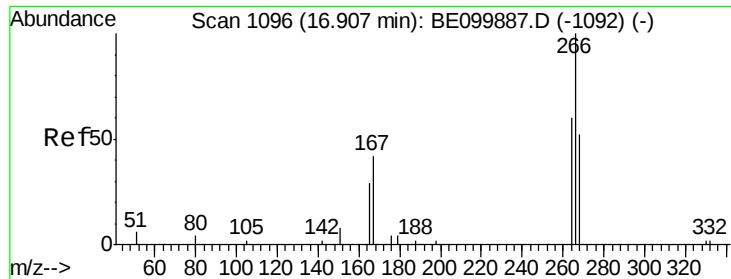
Tgt Ion:172 Resp: 3017
Ion Ratio Lower Upper
172 100
171 38.5 29.2 43.8
170 28.0 21.2 31.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100052.D
Acq: 15 Jun 2019 10:22

Tgt Ion:188 Resp: 6159
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 6.4 9.6#





#22

Pentachlorophenol

Concen: 0.304 ng

RT: 16.97 min Scan# 1101

Delta R.T. 0.07 min

Lab File: BE100052.D

Acq: 15 Jun 2019 10:22

Instrument :

BNA_E

ClientSampleId :

RE125D1-20190610

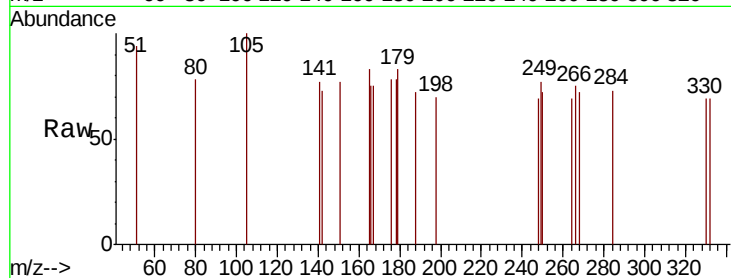
Tgt Ion: 266 Resp: 8

Ion Ratio Lower Upper

266 100

264 91.7 62.2 93.2

268 95.8 65.5 98.3



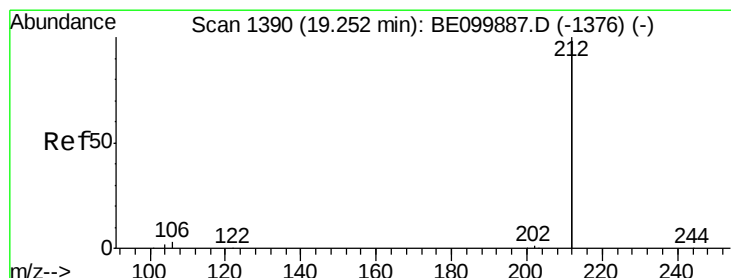
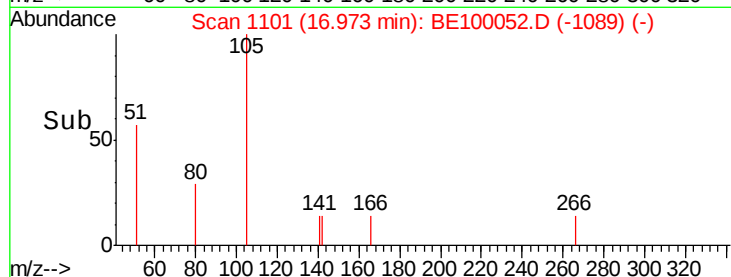
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time--> 16.85 16.90 16.95 17.00



#25

Fluoranthene-d10

Concen: 0.336 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE100052.D

Acq: 15 Jun 2019 10:22

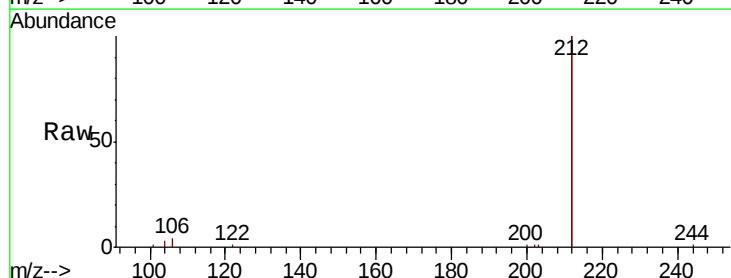
Tgt Ion: 212 Resp: 30185

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

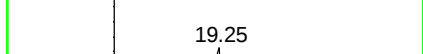
104 1.1 0.9 1.3



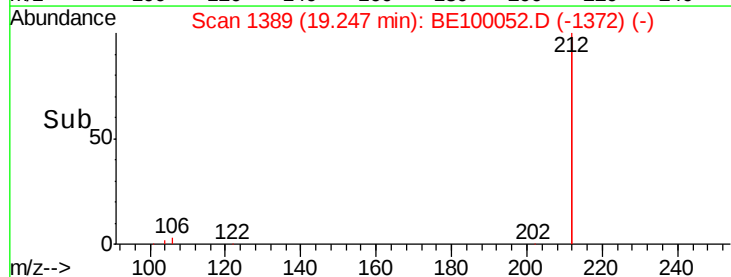
Abundance Ion 212.00 (211.70 to 212.70): E

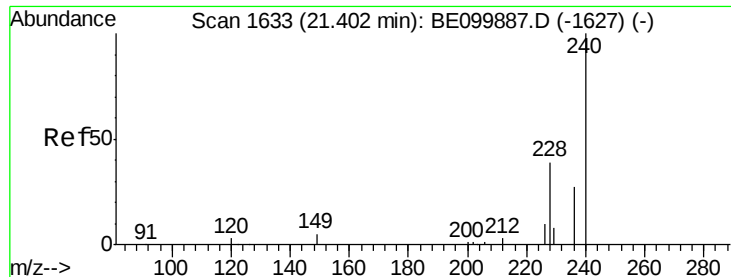
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 19.20 19.25 19.30 19.35 19.40

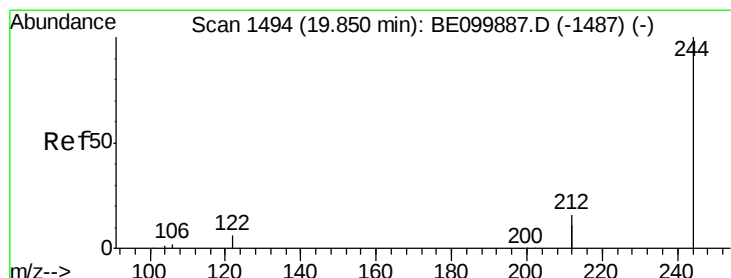
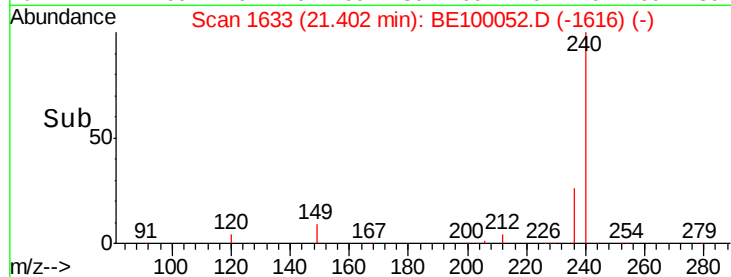
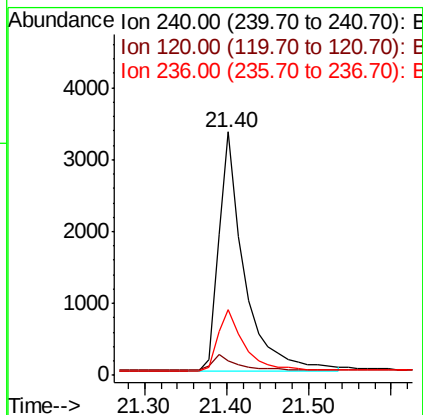
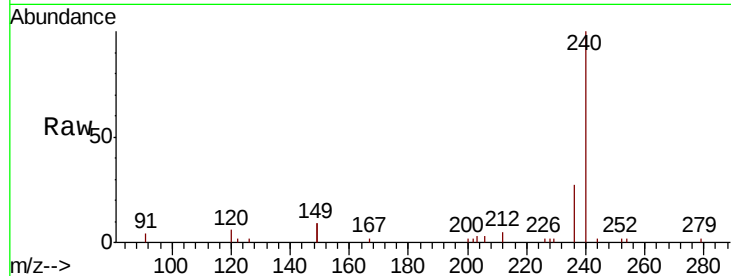




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE100052.D
 Acq: 15 Jun 2019 10:22

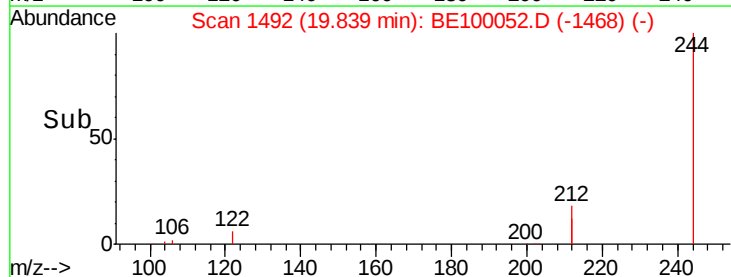
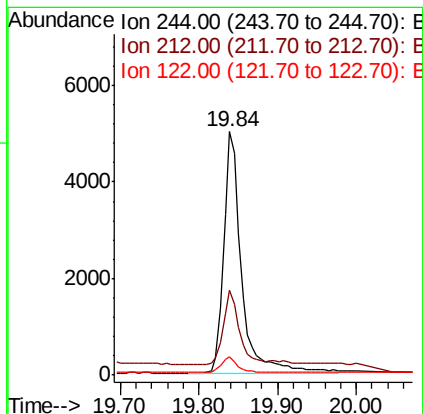
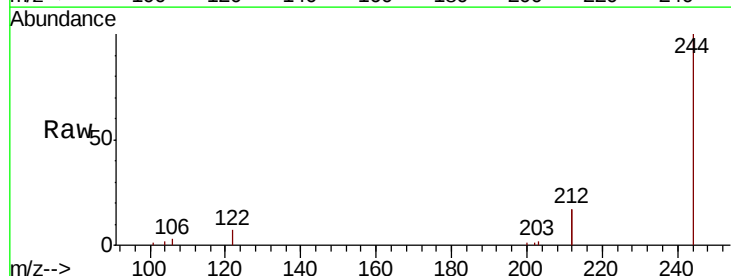
Instrument :
 BNA_E
 ClientSampleId :
 RE125D1-20190610

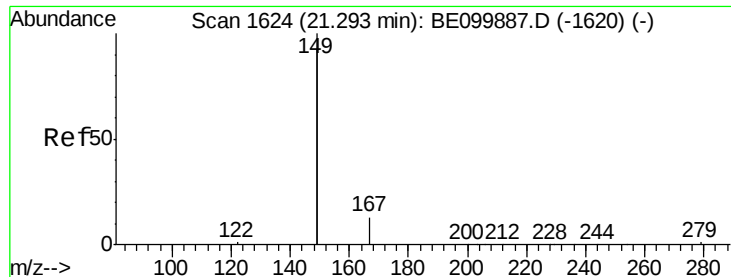
Tgt Ion:240 Resp: 7247
 Ion Ratio Lower Upper
 240 100
 120 6.0 3.8 5.6#
 236 27.0 22.0 33.0



#29
 Terphenyl-d14
 Concen: 0.602 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE100052.D
 Acq: 15 Jun 2019 10:22

Tgt Ion:244 Resp: 7855
 Ion Ratio Lower Upper
 244 100
 212 34.9 25.7 38.5
 122 7.3 5.5 8.3





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.161 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100052.D

Acq: 15 Jun 2019 10:22

Instrument :

BNA_E

ClientSampleId :

RE125D1-20190610

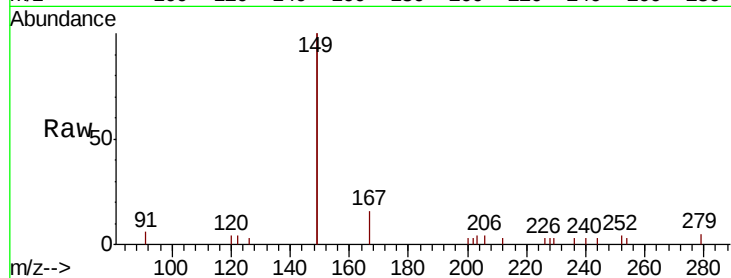
Tgt Ion:149 Resp: 5000

Ion Ratio Lower Upper

149 100

167 7.7 5.9 8.9

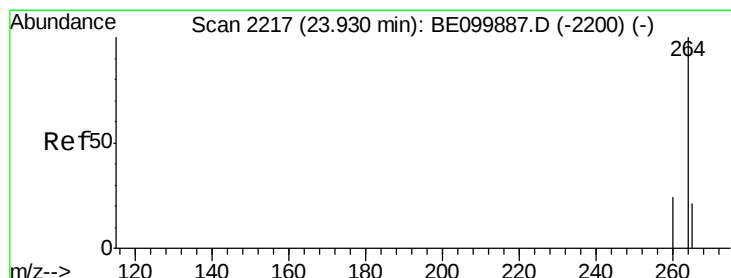
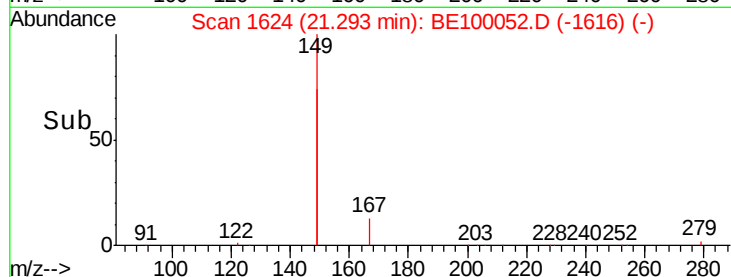
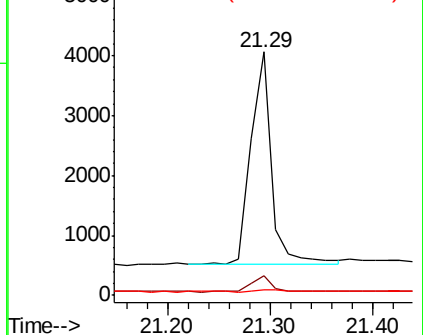
279 1.3 1.2 1.8



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# 2218

Delta R.T. 0.00 min

Lab File: BE100052.D

Acq: 15 Jun 2019 10:22

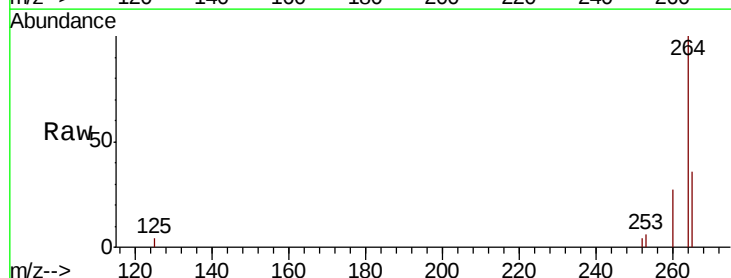
Tgt Ion:264 Resp: 7880

Ion Ratio Lower Upper

264 100

260 27.3 20.2 30.2

265 35.6 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

