

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100056.D
 Acq On : 15 Jun 2019 12:45
 Operator : JU/SJ
 Sample : K3315-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EB02-20190611

Quant Time: Jun 17 01:11:53 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	698	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2499	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2026	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6561	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8483	0.40	ng	0.00
34) Perylene-d12	23.93	264	9435	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	310	0.16	ng	0.00
5) Phenol-d6	6.97	99	254	0.10	ng	0.00
8) Nitrobenzene-d5	8.96	82	1019	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1611	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	433	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3459	0.45	ng	-0.01
25) Fluoranthene-d10	19.24	212	33734	0.35	ng	-0.01
29) Terphenyl-d14	19.84	244	9315	0.61	ng	-0.01

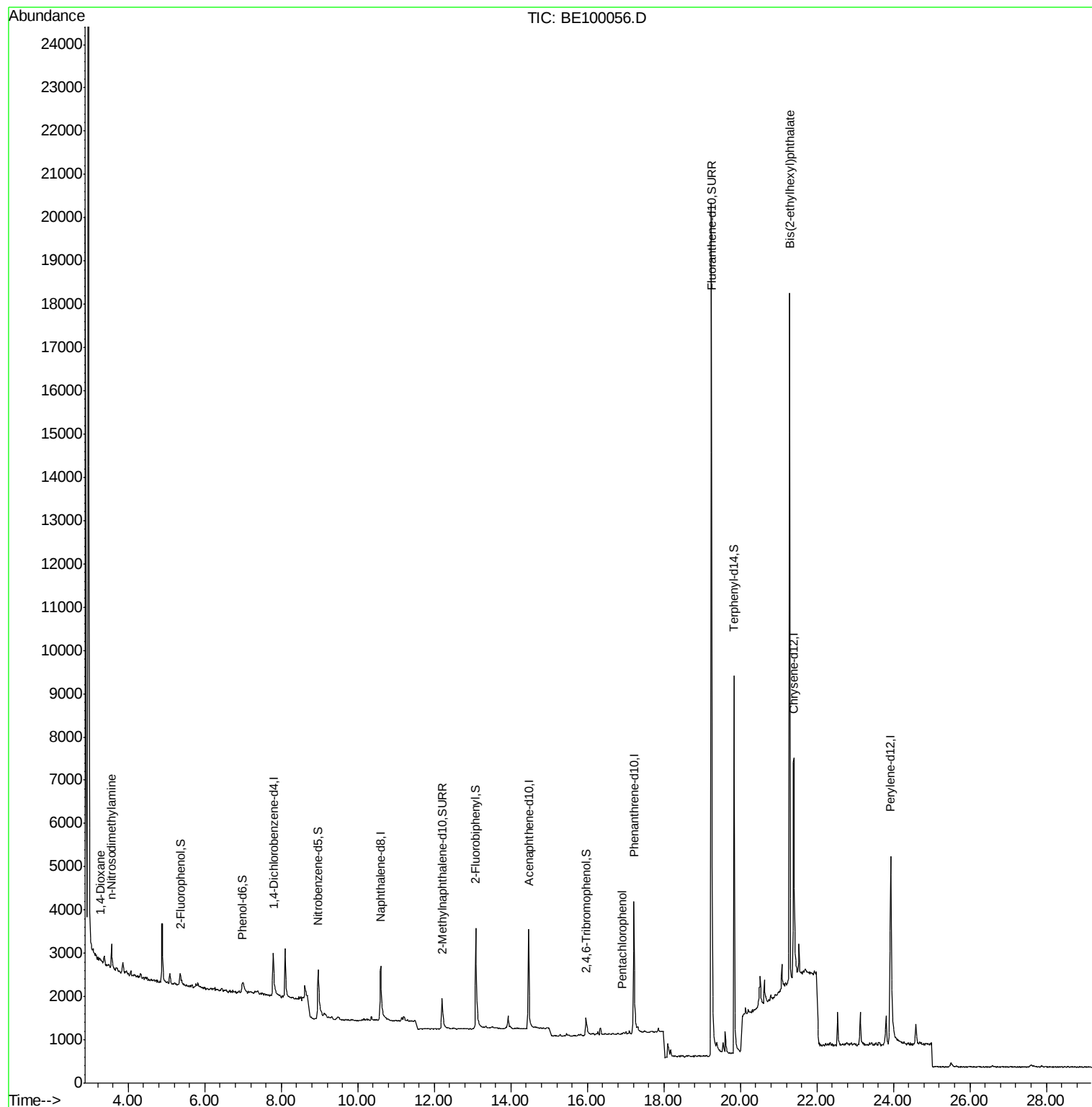
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	49	0.047	ng	# 1
3) n-Nitrosodimethylamine	3.57	42	73	0.123	ng	# 100
22) Pentachlorophenol	16.92	266	24	0.313	ng	90
32) Bis(2-ethylhexyl)phthalate	21.29	149	21561	0.593	ng	99

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

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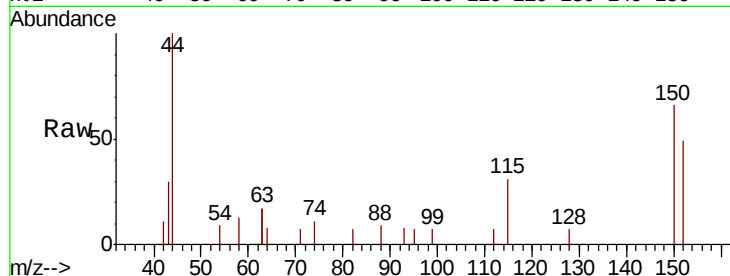


#1

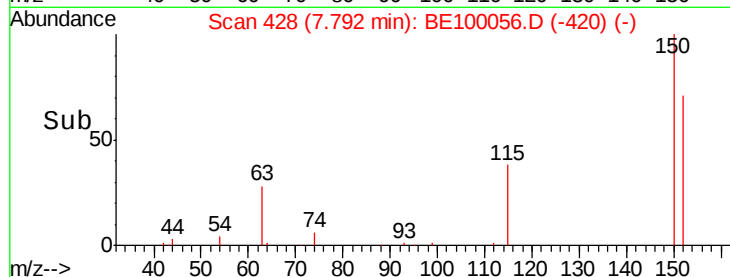
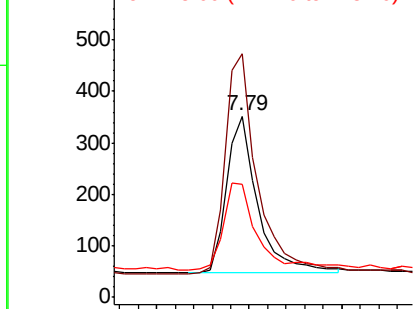
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.79 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BE100056.D
 Acq: 15 Jun 2019 12:45

Instrument :
 BNA_E
 ClientSampleId :
 EB02-20190611

Tgt Ion: 152 Resp: 698
 Ion Ratio Lower Upper
 152 100
 150 134.4 111.0 166.6
 115 62.5 50.7 76.1



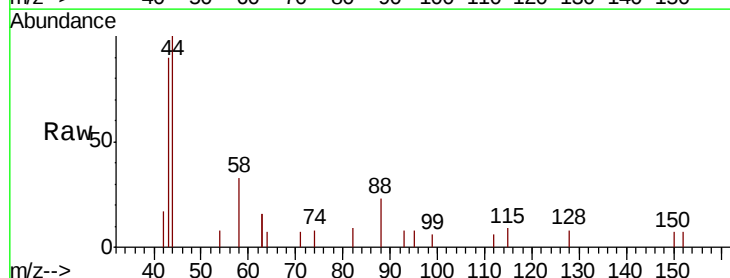
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



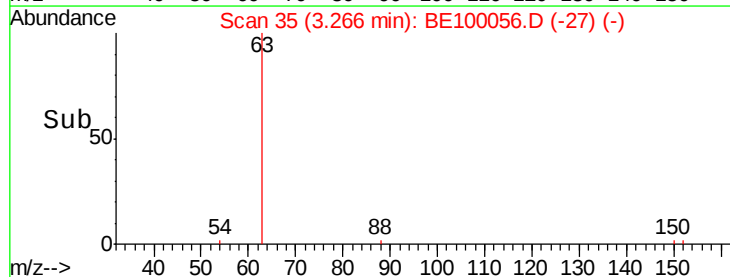
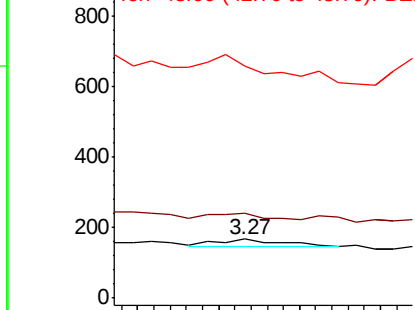
#2

1,4-Dioxane
 Concen: 0.047 ng
 RT: 3.27 min Scan# 35
 Delta R.T. -0.00 min
 Lab File: BE100056.D
 Acq: 15 Jun 2019 12:45

Tgt Ion: 88 Resp: 49
 Ion Ratio Lower Upper
 88 100
 58 83.7 48.8 73.2#
 43 418.4 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: 0.123 ng

RT: 3.57 min Scan# 61

Delta R.T. -0.04 min

Lab File: BE100056.D

Acq: 15 Jun 2019 12:45

Instrument :

BNA_E

ClientSampleId :

EB02-20190611

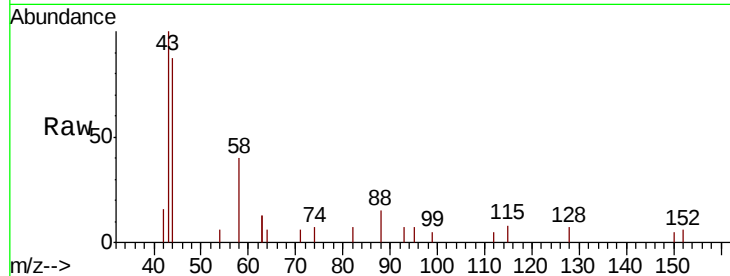
Tgt Ion: 42 Resp: 73

Ion Ratio Lower Upper

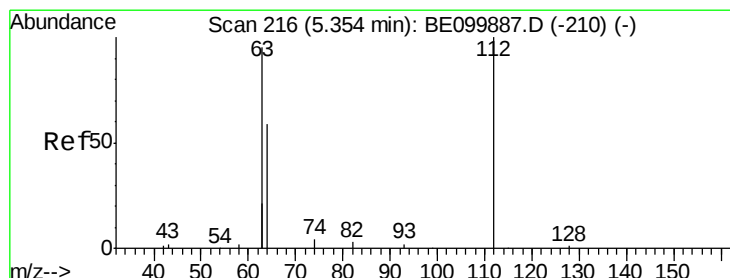
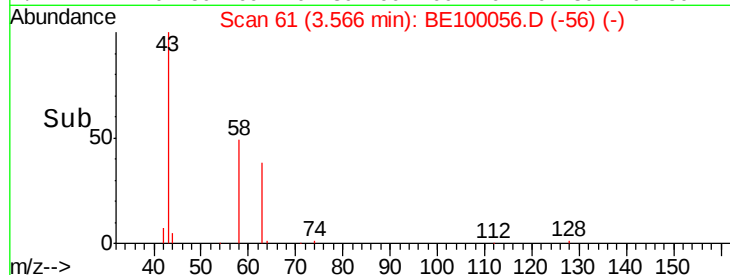
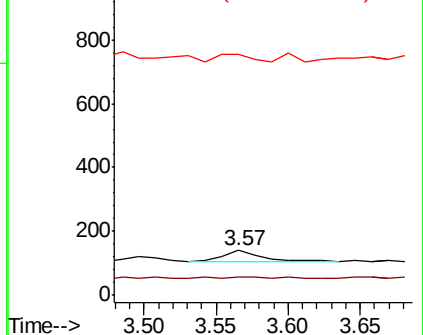
42 100

74 16.4 0.0 0.0#

44 57.5 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: 0.165 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100056.D

Acq: 15 Jun 2019 12:45

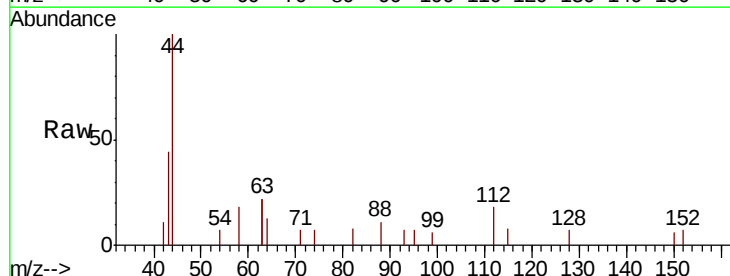
Tgt Ion: 112 Resp: 310

Ion Ratio Lower Upper

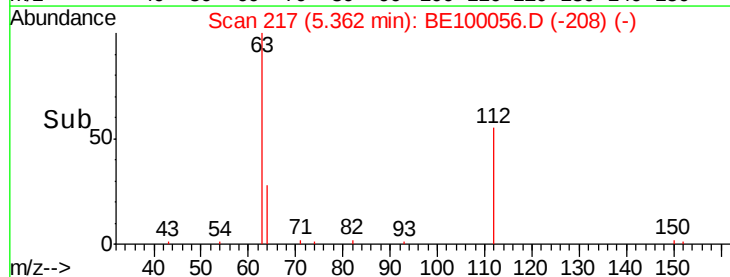
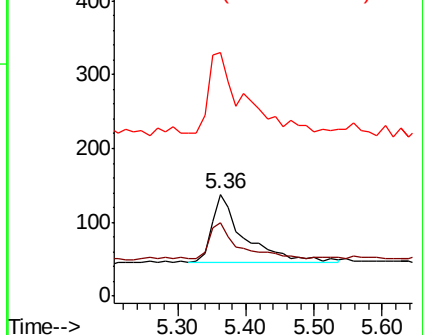
112 100

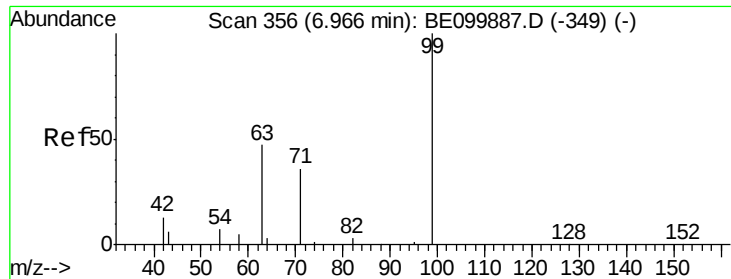
64 48.4 44.1 66.1

63 133.5 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: 0.105 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100056.D

Acq: 15 Jun 2019 12:45

Instrument :

BNA_E

ClientSampleId :

EB02-20190611

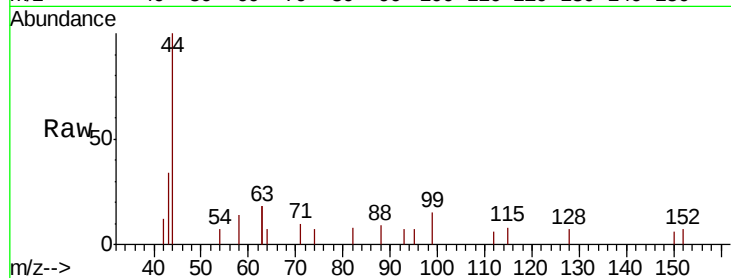
Tgt Ion: 99 Resp: 254

Ion Ratio Lower Upper

99 100

42 19.3 15.9 23.9

71 33.9 34.6 52.0#



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

6.97

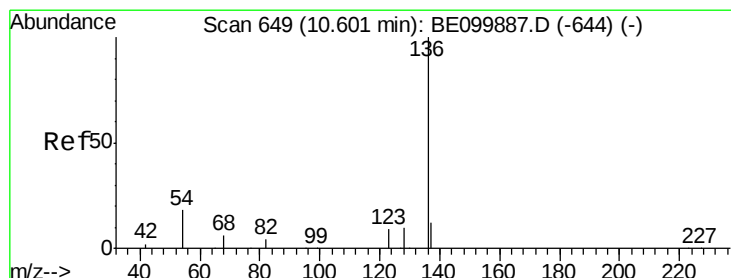
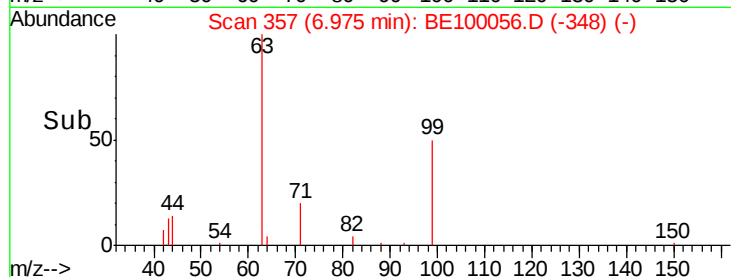
100

50

0

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. 0.00 min

Lab File: BE100056.D

Acq: 15 Jun 2019 12:45

Tgt Ion: 136 Resp: 2499

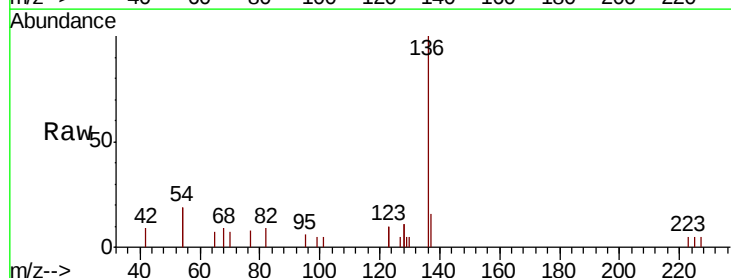
Ion Ratio Lower Upper

136 100

137 16.0 12.3 18.5

54 37.8 28.2 42.4

68 9.5 7.8 11.8



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): BE1

Ion 68.00 (67.70 to 68.70): BE1

10.60

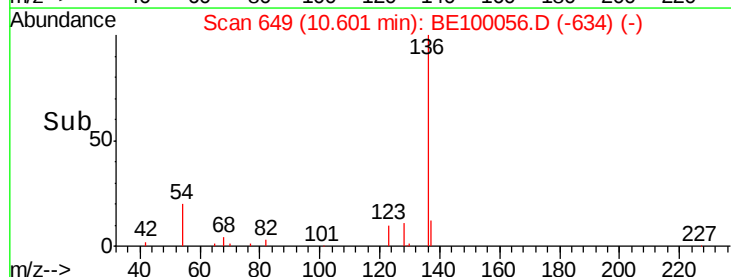
1000

500

0

10.60 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.431 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE100056.D

Acq: 15 Jun 2019 12:45

Instrument :

BNA_E

ClientSampleId :

EB02-20190611

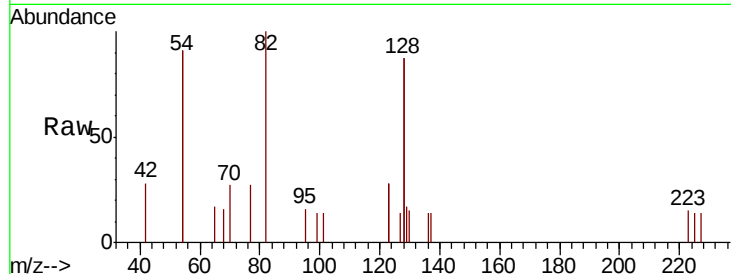
Tgt Ion: 82 Resp: 1019

Ion Ratio Lower Upper

82 100

128 174.1 137.3 205.9

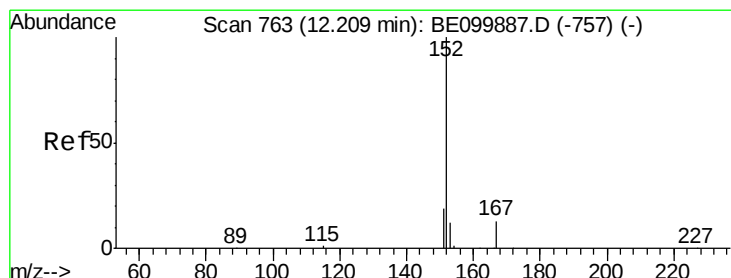
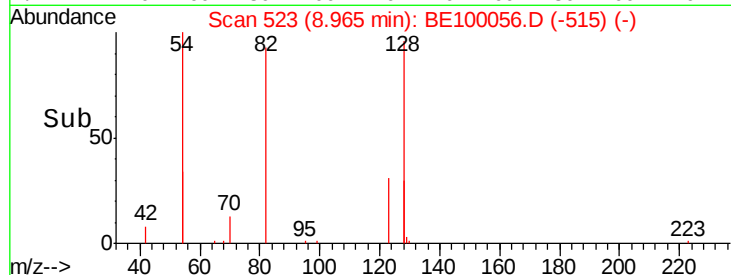
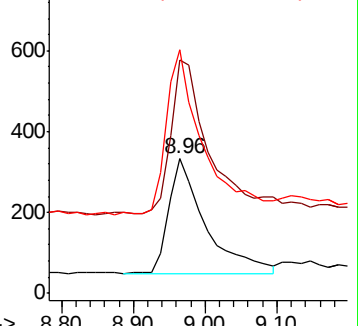
54 181.3 129.7 194.5



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: 0.370 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100056.D

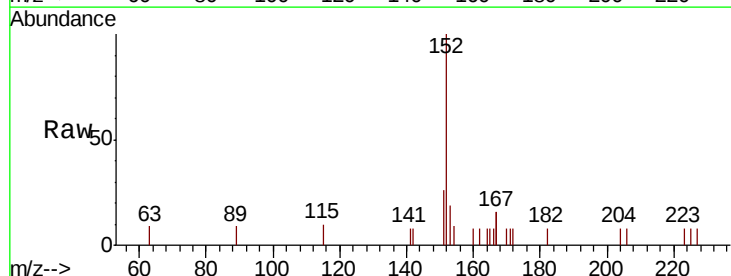
Acq: 15 Jun 2019 12:45

Tgt Ion: 152 Resp: 1611

Ion Ratio Lower Upper

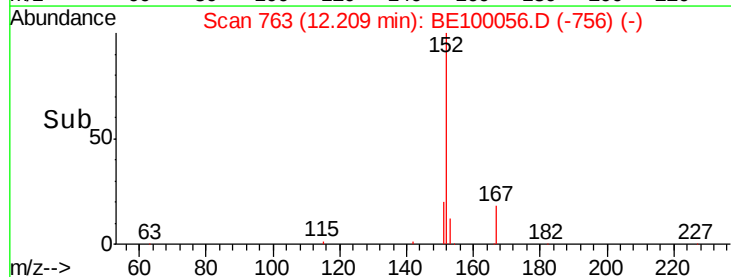
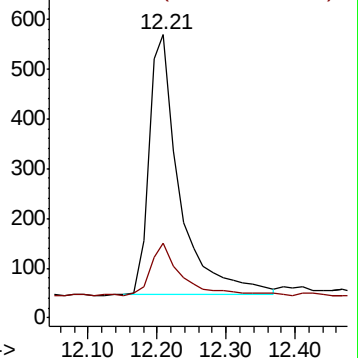
152 100

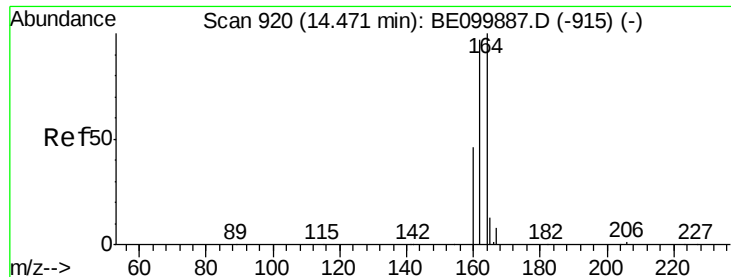
151 19.6 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

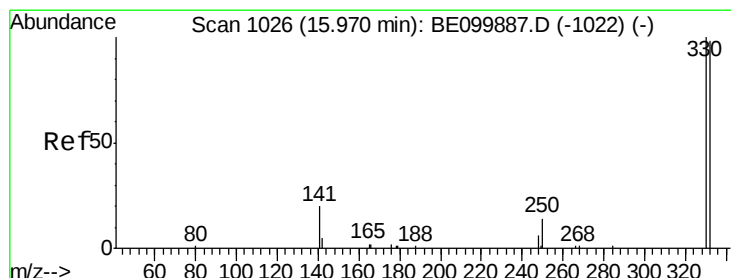
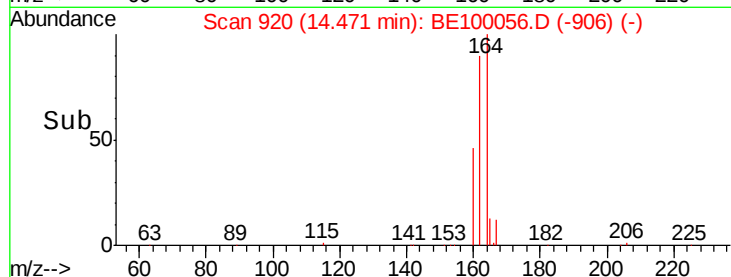
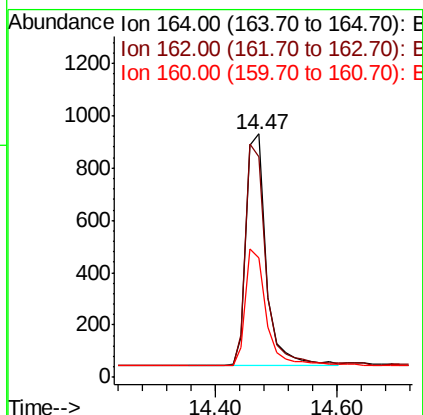
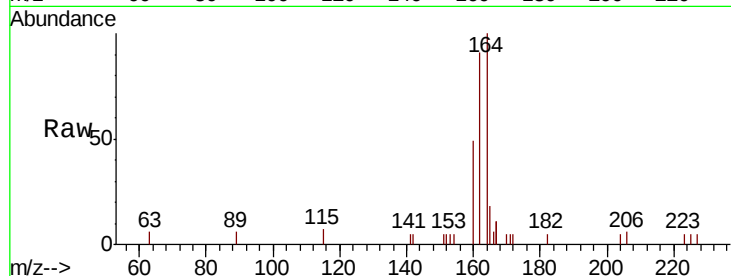




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE100056.D
 Acq: 15 Jun 2019 12:45

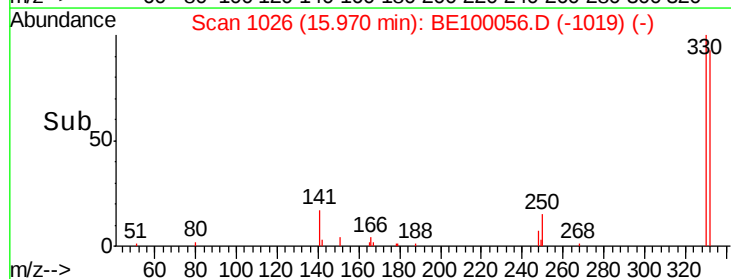
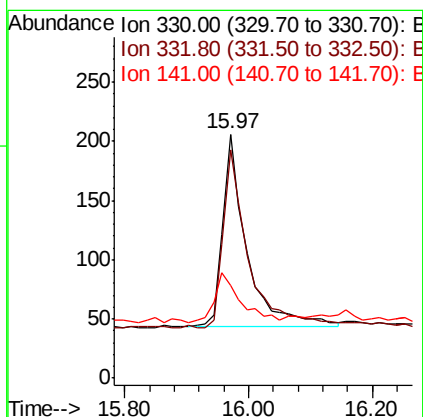
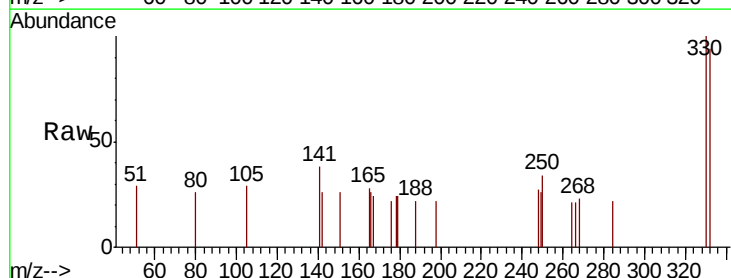
Instrument :
 BNA_E
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 EB02-20190611

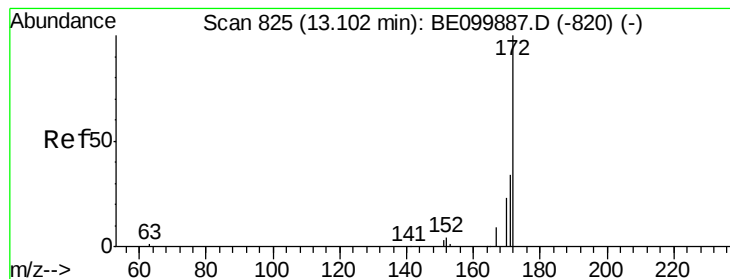
Tgt Ion:164 Resp: 2026
 Ion Ratio Lower Upper
 164 100
 162 90.5 77.8 116.8
 160 48.9 38.2 57.4



#14
 2,4,6-Tribromophenol
 Concen: 0.289 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE100056.D
 Acq: 15 Jun 2019 12:45

Tgt Ion:330 Resp: 433
 Ion Ratio Lower Upper
 330 100
 332 101.4 76.7 115.1
 141 28.2 21.0 31.6





#15

2-Fluorobiphenyl

Concen: 0.450 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE100056.D

Acq: 15 Jun 2019 12:45

Instrument :

BNA_E

ClientSampleId :

EB02-20190611

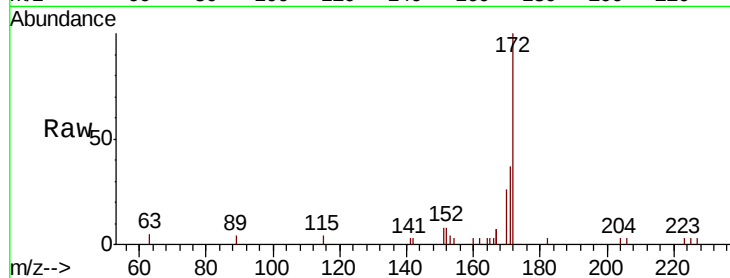
Tgt Ion:172 Resp: 3459

Ion Ratio Lower Upper

172 100

171 37.4 29.2 43.8

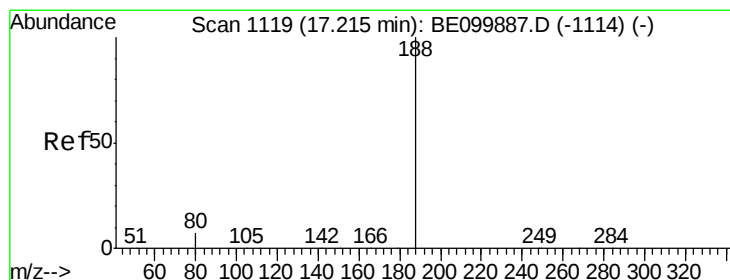
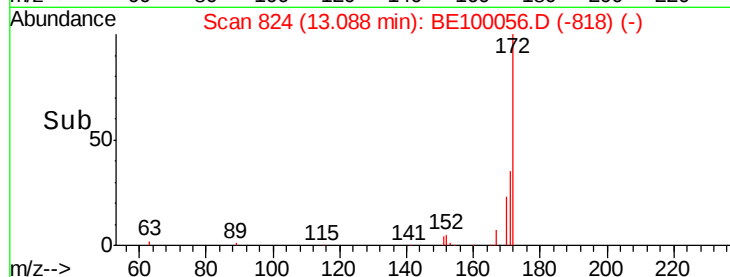
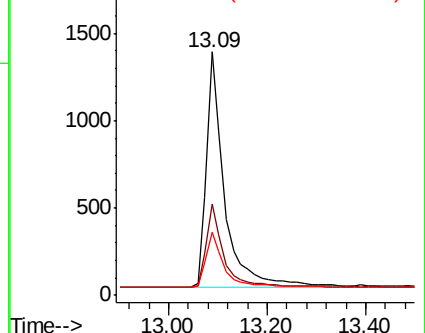
170 26.0 21.2 31.8



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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100056.D

Acq: 15 Jun 2019 12:45

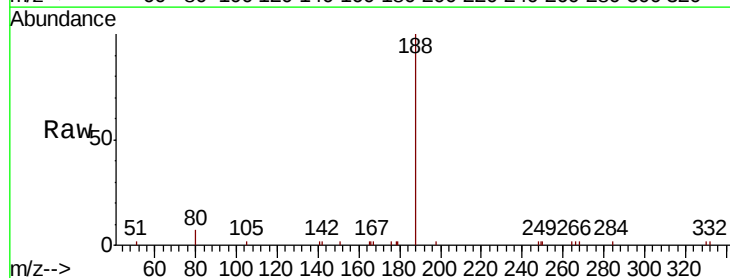
Tgt Ion:188 Resp: 6561

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

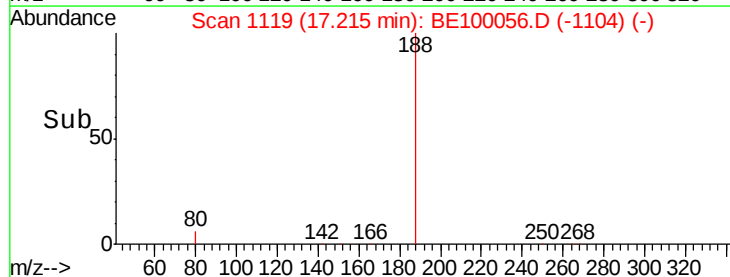
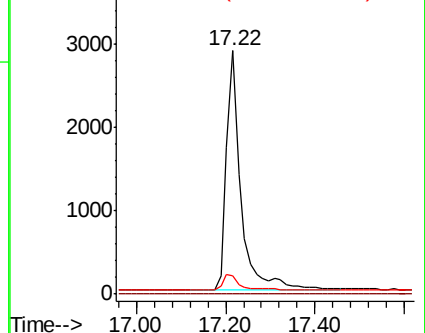
80 7.4 6.4 9.6

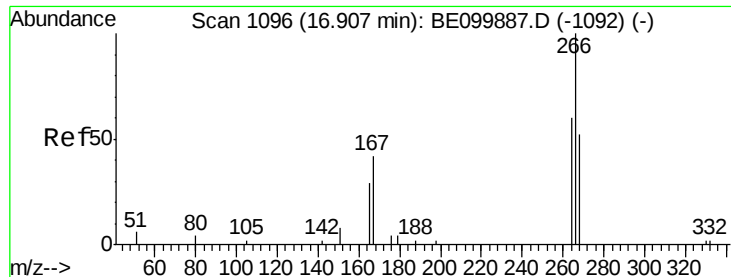


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#22

Pentachlorophenol

Concen: 0.313 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE100056.D

Acq: 15 Jun 2019 12:45

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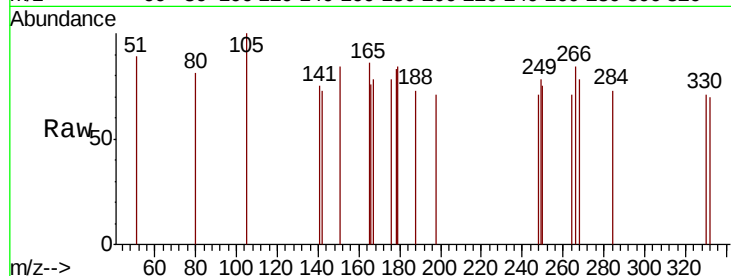
Tgt Ion: 266 Resp: 24

Ion Ratio Lower Upper

266 100

264 84.9 62.2 93.2

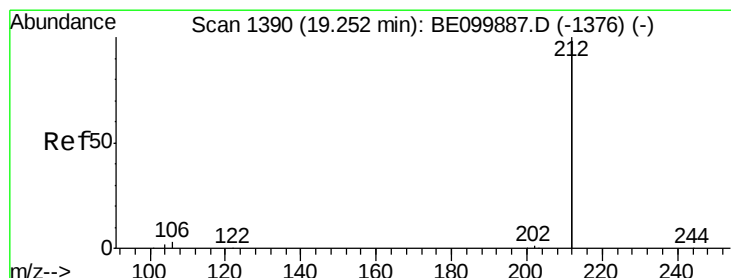
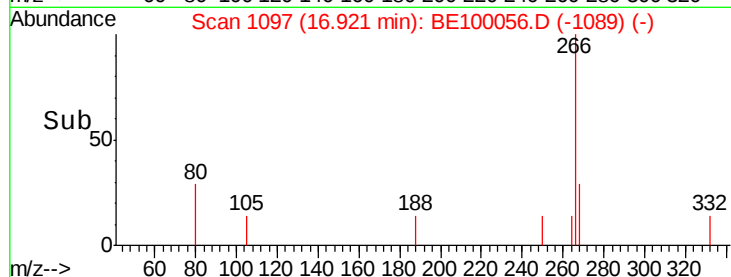
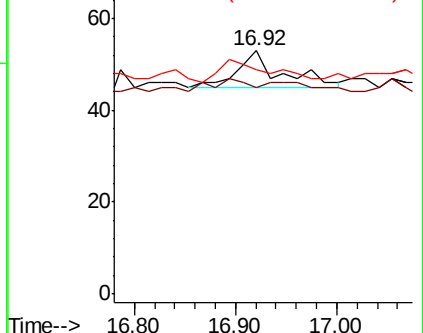
268 92.5 65.5 98.3



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



#25

Fluoranthene-d10

Concen: 0.353 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100056.D

Acq: 15 Jun 2019 12:45

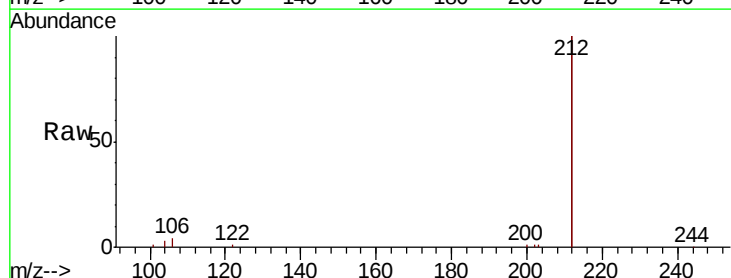
Tgt Ion: 212 Resp: 33734

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

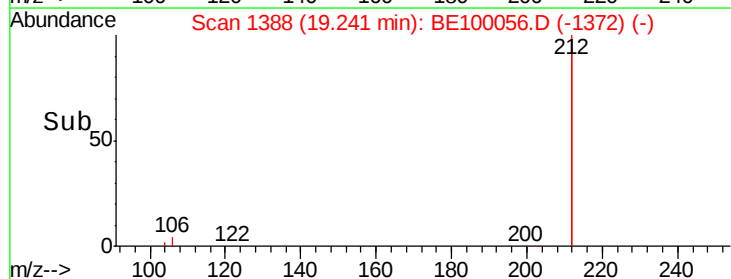
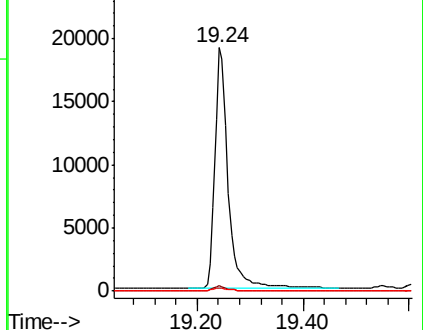
104 1.2 0.9 1.3

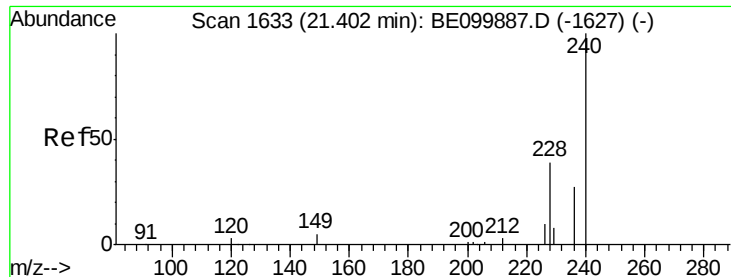


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

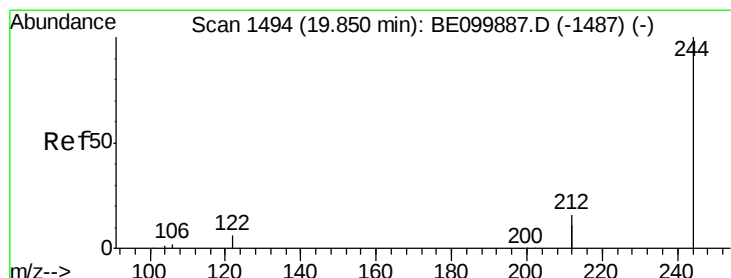
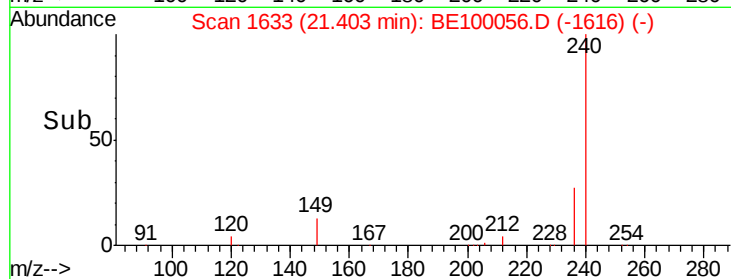
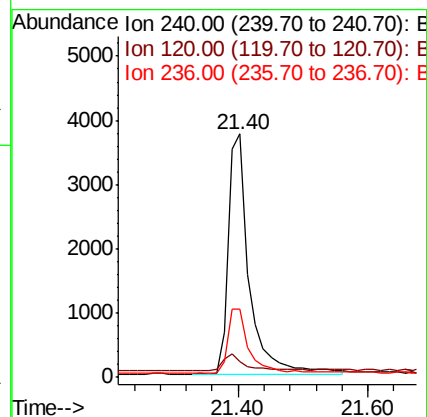
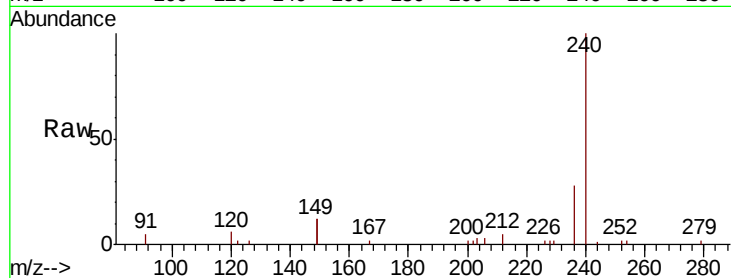




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE100056.D
 Acq: 15 Jun 2019 12:45

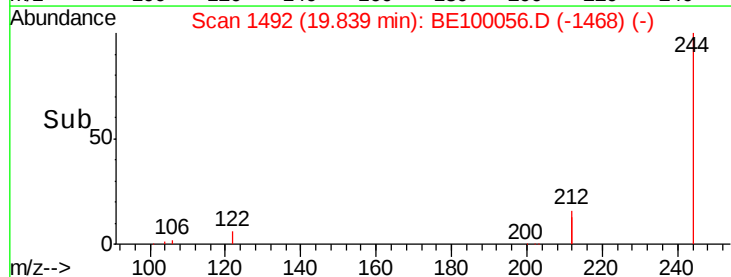
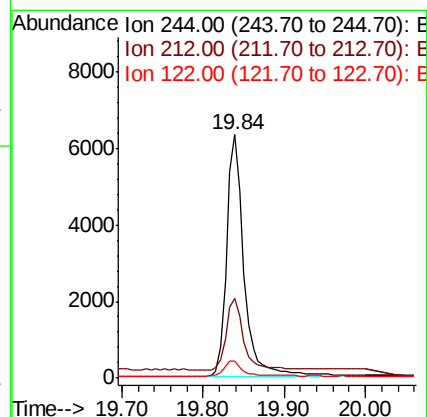
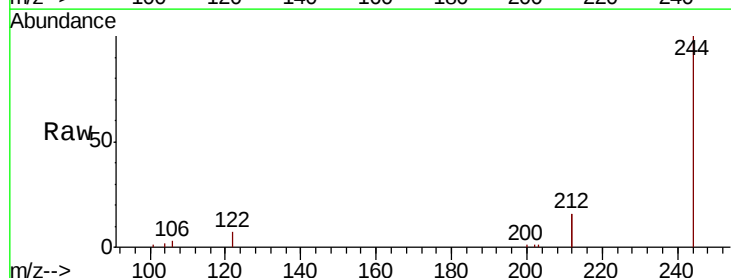
Instrument :
 BNA_E
 ClientSampleId :
 EB02-20190611

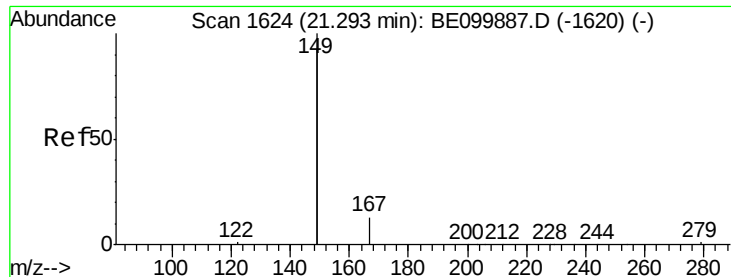
Tgt Ion:240 Resp: 8483
 Ion Ratio Lower Upper
 240 100
 120 6.2 3.8 5.6#
 236 28.0 22.0 33.0



#29
 Terphenyl-d14
 Concen: 0.610 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE100056.D
 Acq: 15 Jun 2019 12:45

Tgt Ion:244 Resp: 9315
 Ion Ratio Lower Upper
 244 100
 212 32.6 25.7 38.5
 122 6.9 5.5 8.3

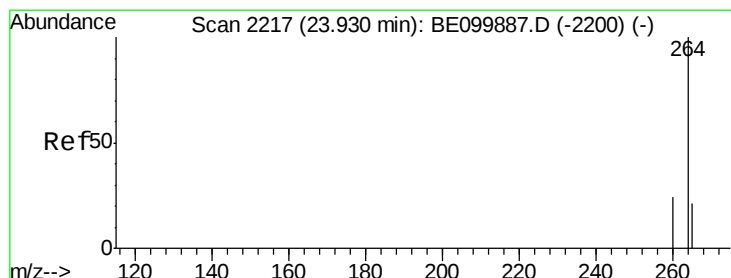
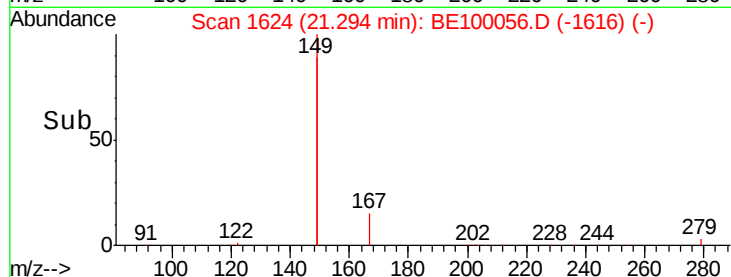
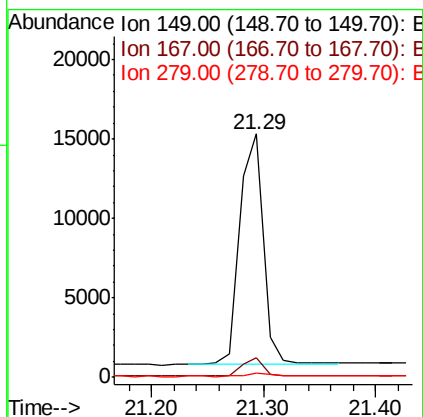
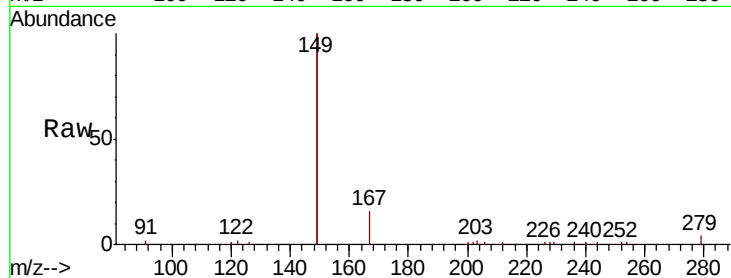




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.593 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE100056.D
 Acq: 15 Jun 2019 12:45

Instrument :
 BNA_E
 ClientSampleId :
 EB02-20190611

Tgt Ion:149 Resp: 21561
 Ion Ratio Lower Upper
 149 100
 167 7.1 5.9 8.9
 279 1.3 1.2 1.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BE100056.D
 Acq: 15 Jun 2019 12:45

Tgt Ion:264 Resp: 9435
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.2 30.2
 265 32.6 22.0 33.0

