

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
 Data File : BE100503.D
 Acq On : 23 Jul 2019 16:08
 Operator : HP/JU
 Sample : K3856-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-190716

Quant Time: Jul 24 02:07:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 08:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	2934	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	11079	0.40	ng	-0.01
13) Acenaphthene-d10	14.50	164	6771	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	17570	0.40	ng	0.00
27) Chrysene-d12	21.38	240	19385	0.40	ng	0.00
34) Perylene-d12	23.85	264	21276	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	1487	0.21	ng	0.00
5) Phenol-d6	7.03	99	1301	0.13	ng	0.00
8) Nitrobenzene-d5	9.02	82	4274	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	7116	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1635	0.56	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	11054	0.40	ng	0.00
25) Fluoranthene-d10	19.24	212	103323	0.43	ng	0.00
29) Terphenyl-d14	19.83	244	19868	0.42	ng	0.00

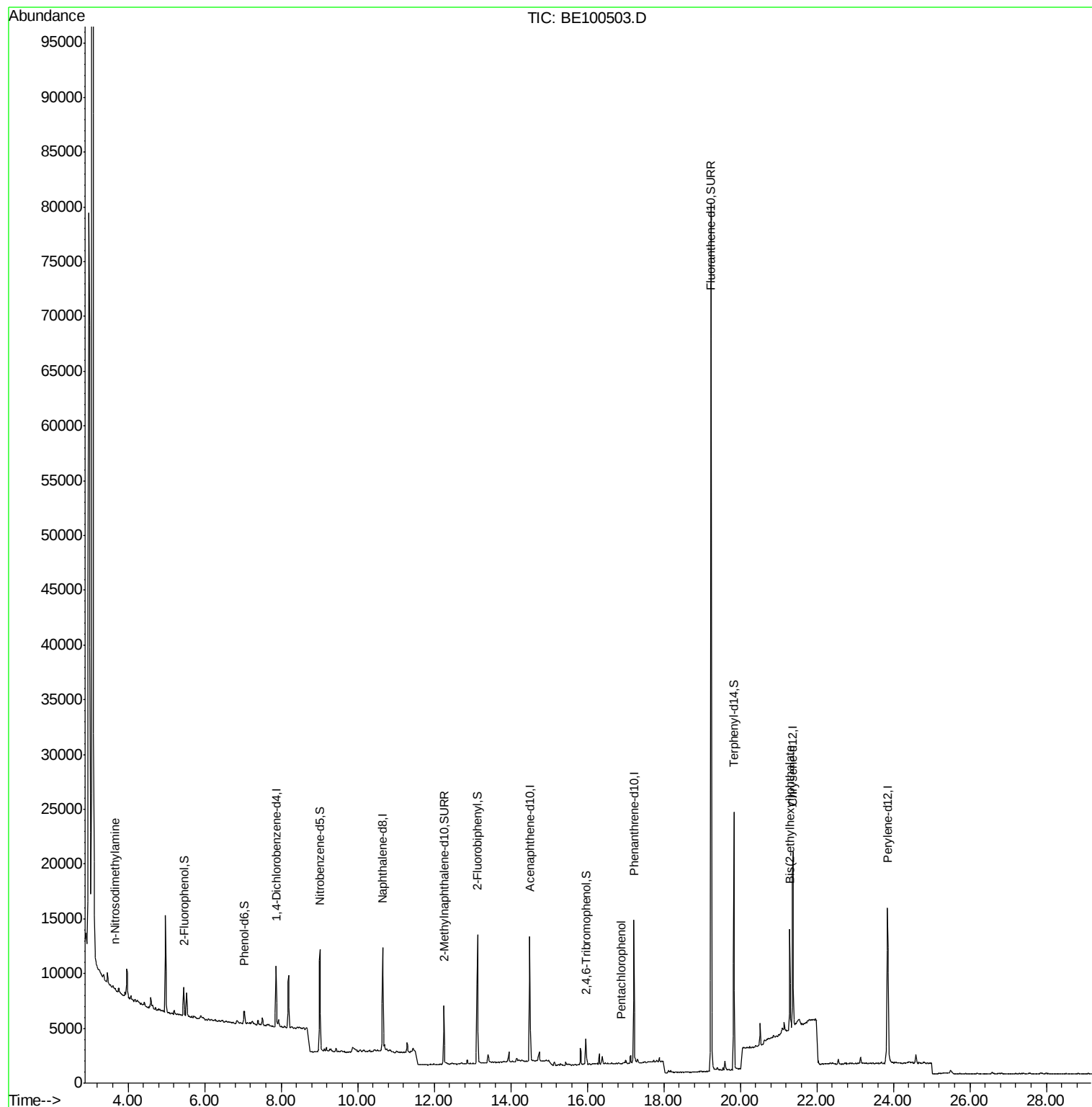
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	332	Below Cal	#	39
3) n-Nitrosodimethylamine	3.66	42	101	0.038 ng	#	69
22) Pentachlorophenol	16.89	266	27	0.157 ng	#	62
32) Bis(2-ethylhexyl)phthalate	21.29	149	11015	0.081 ng		98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. 0.00 min

Lab File: BE100503.D

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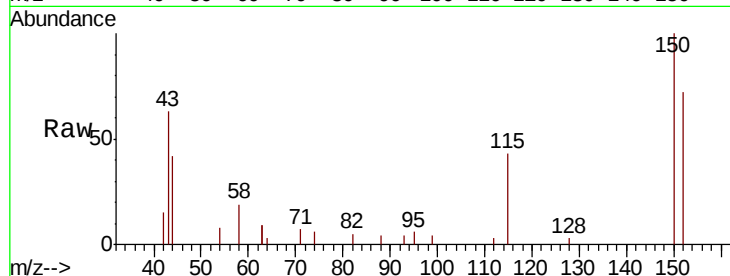
Tgt Ion: 152 Resp: 2934

Ion Ratio Lower Upper

152 100

150 139.5 115.0 172.6

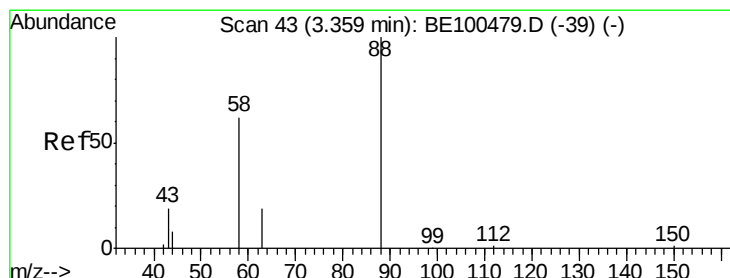
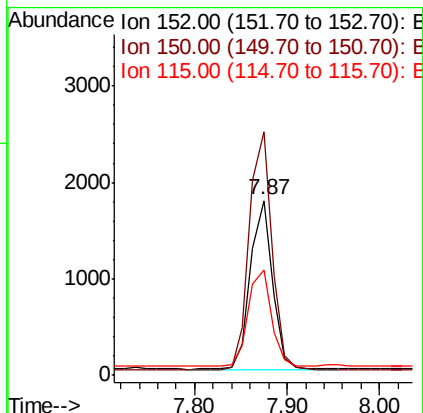
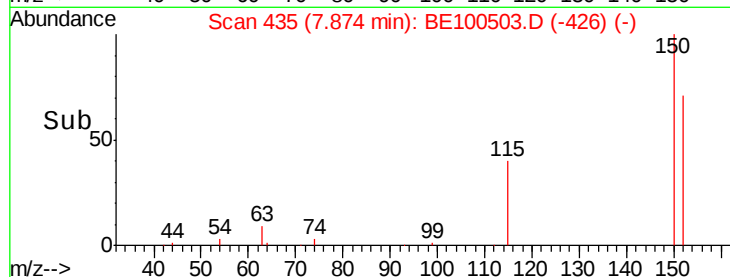
115 60.5 52.9 79.3



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: Below Cal

RT: 3.36 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE100503.D

Acq: 23 Jul 2019 16:08

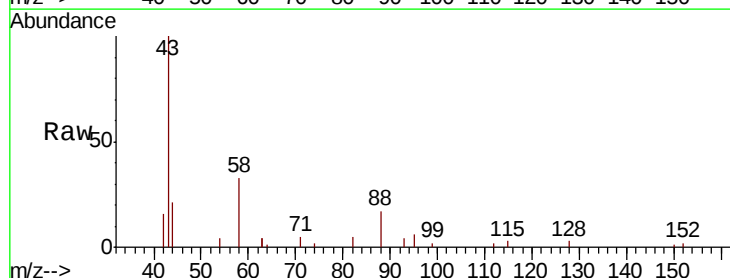
Tgt Ion: 88 Resp: 332

Ion Ratio Lower Upper

88 100

58 117.8 53.2 79.8#

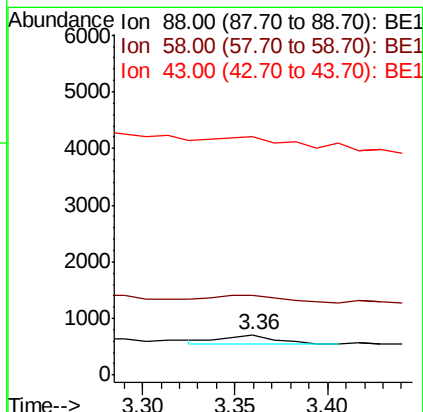
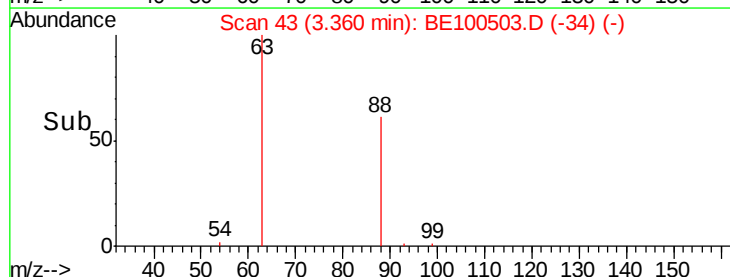
43 0.0 20.8 31.2#

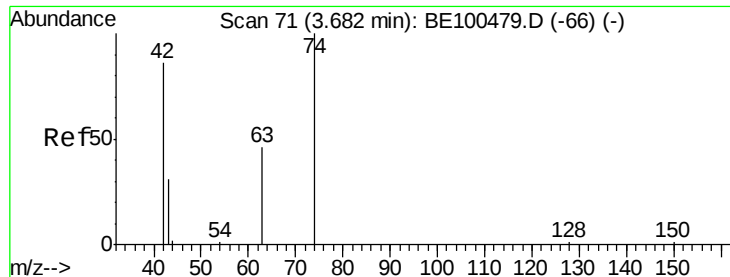


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.038 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.02 min

Lab File: BE100503.D

Acq: 23 Jul 2019 16:08

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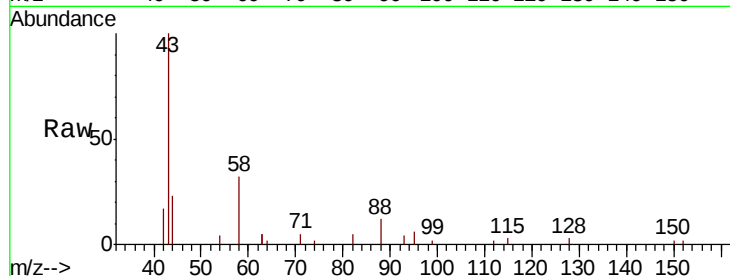
Tgt Ion: 42 Resp: 101

Ion Ratio Lower Upper

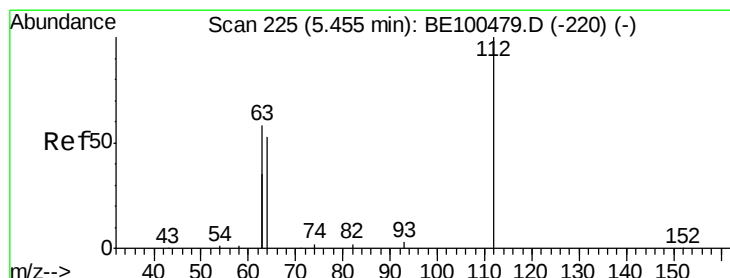
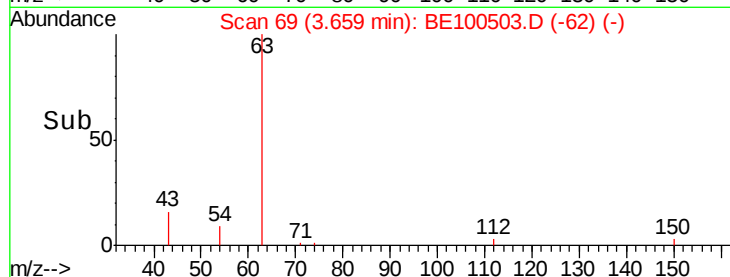
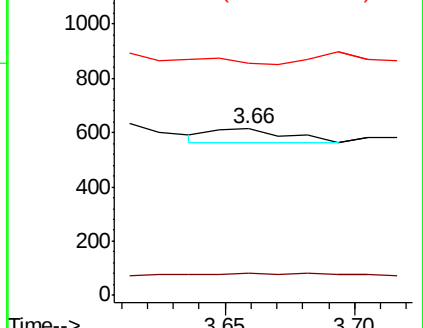
42 100

74 16.8 0.0 0.0#

44 0.0 9.6 14.4#



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: 0.208 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE100503.D

Acq: 23 Jul 2019 16:08

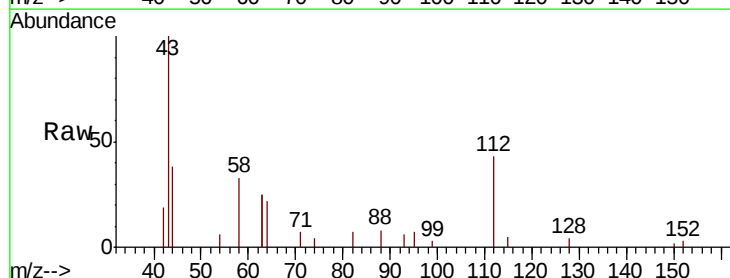
Tgt Ion: 112 Resp: 1487

Ion Ratio Lower Upper

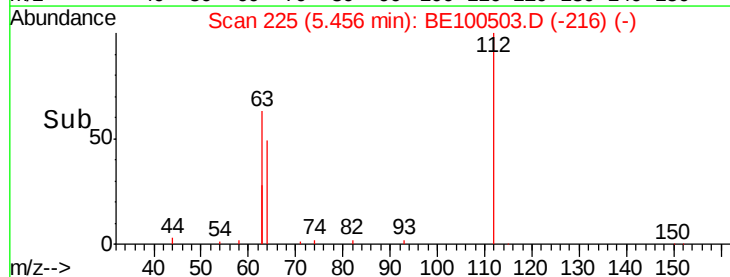
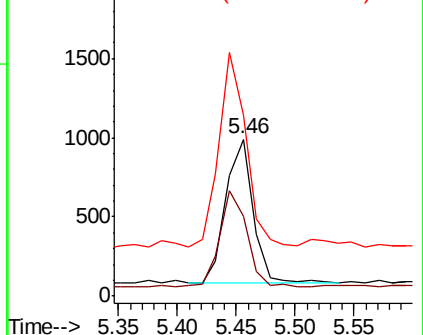
112 100

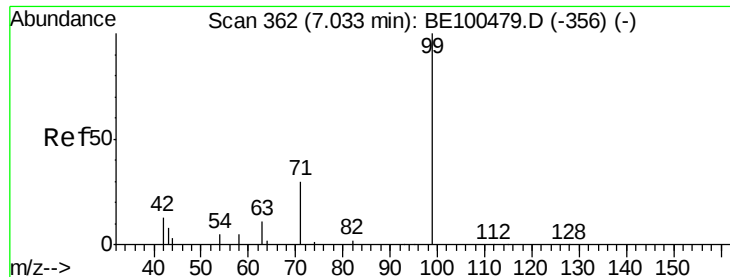
64 65.0 54.1 81.1

63 132.2 104.6 157.0



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: 0.127 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE100503.D

Acq: 23 Jul 2019 16:08

Instrument :

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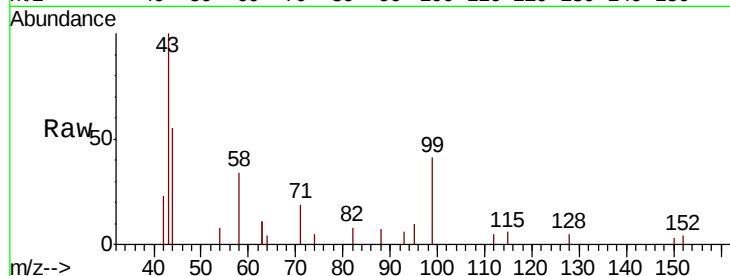
Tgt Ion: 99 Resp: 1301

Ion Ratio Lower Upper

99 100

42 25.1 14.5 21.7#

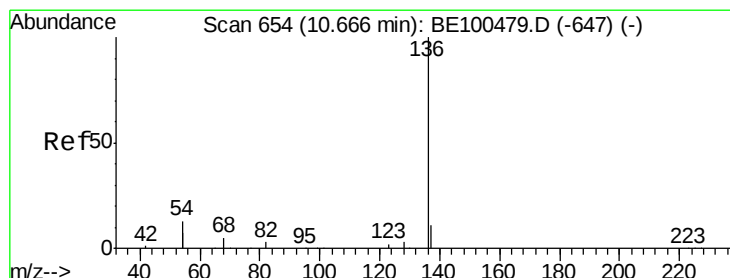
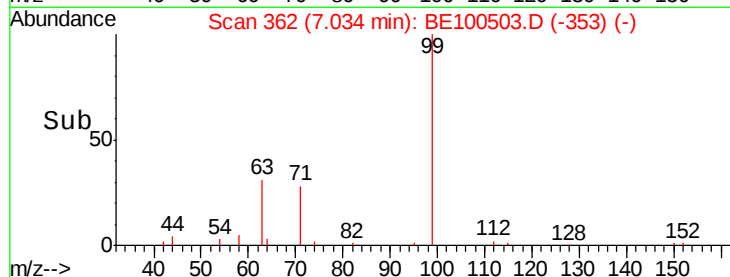
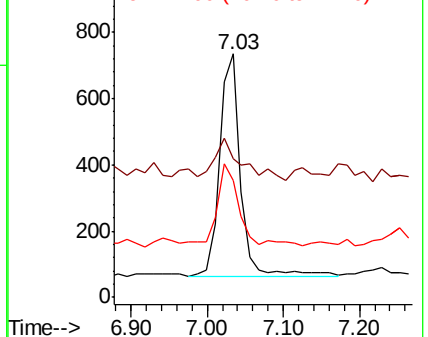
71 38.9 26.4 39.6



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE100503.D

Acq: 23 Jul 2019 16:08

Tgt Ion: 136 Resp: 11079

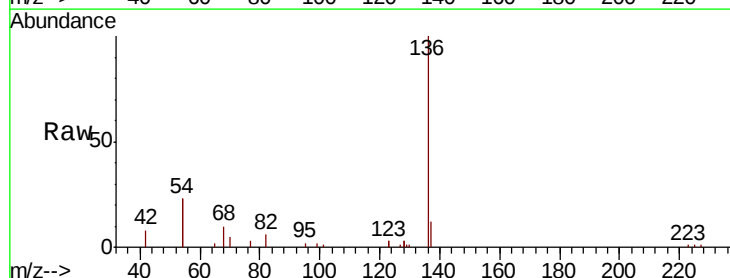
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.6

54 46.8 20.6 31.0#

68 10.4 5.3 7.9#

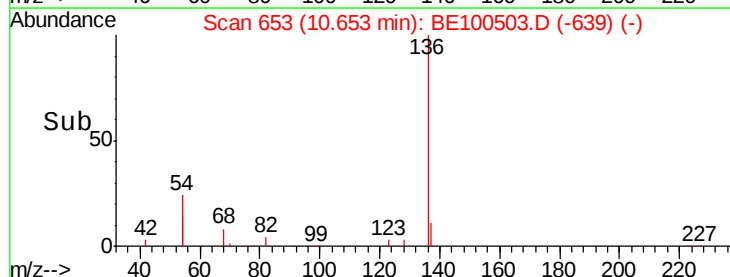
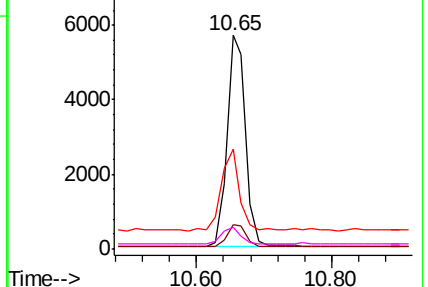


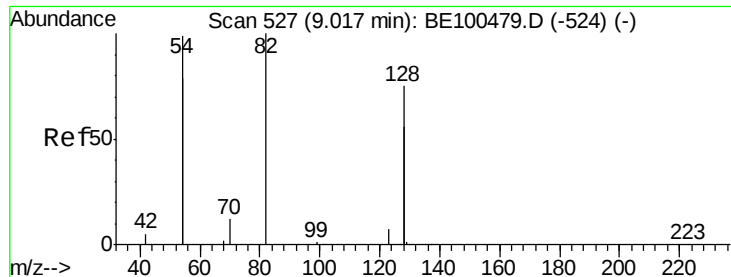
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.464 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100503.D

Acq: 23 Jul 2019 16:08

Instrument :

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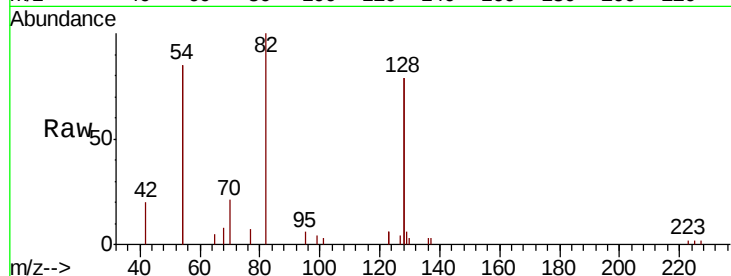
Tgt Ion: 82 Resp: 4274

Ion Ratio Lower Upper

82 100

128 158.4 113.6 170.4

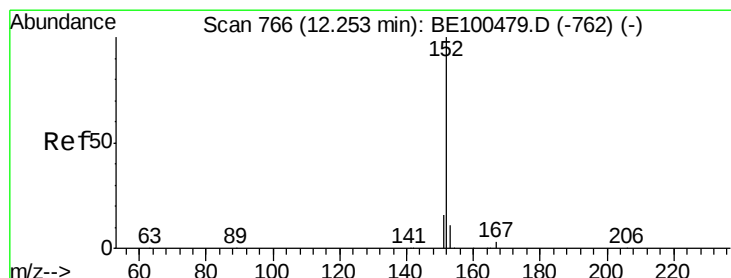
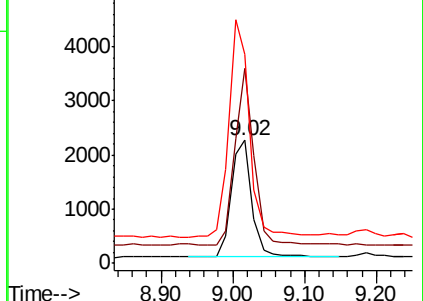
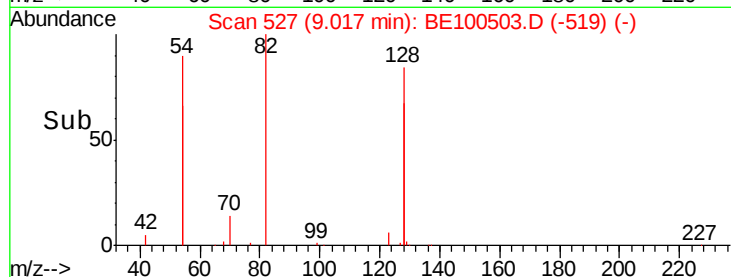
54 170.5 150.6 226.0



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: 12.25 min Scan# 766

Delta R.T. -0.00 min

Lab File: BE100503.D

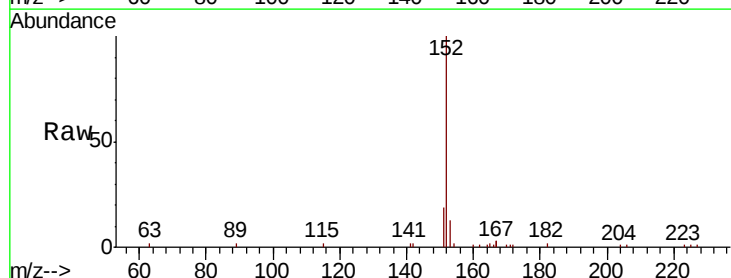
Acq: 23 Jul 2019 16:08

Tgt Ion: 152 Resp: 7116

Ion Ratio Lower Upper

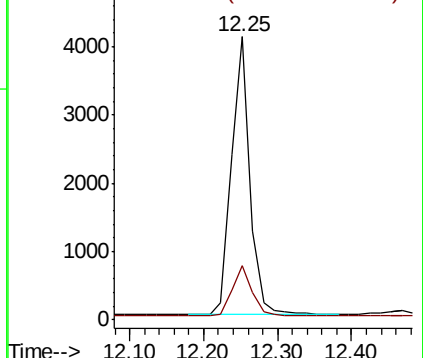
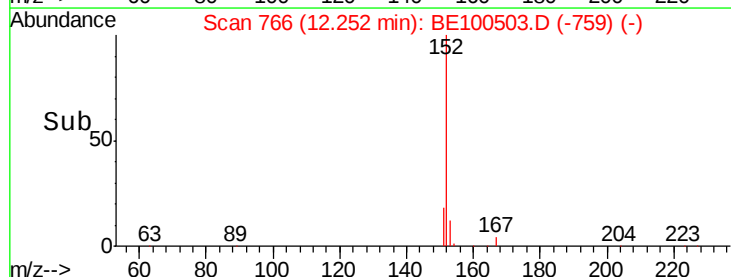
152 100

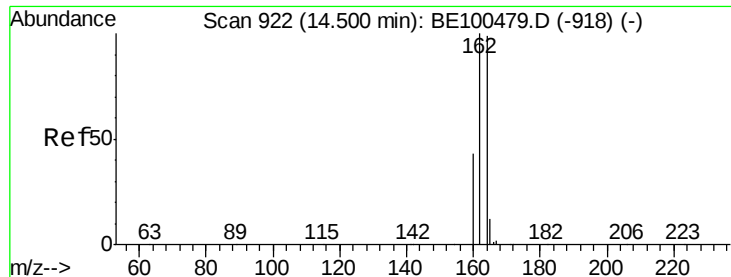
151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

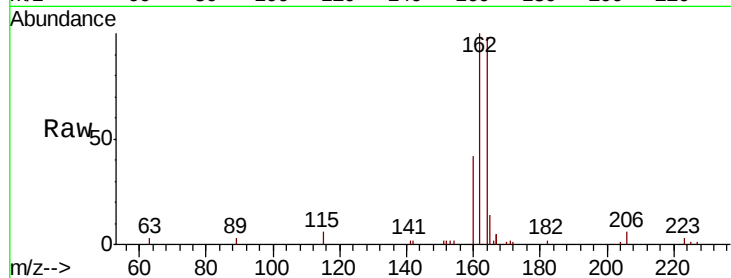




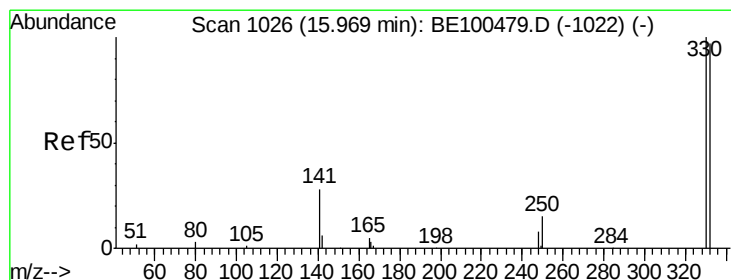
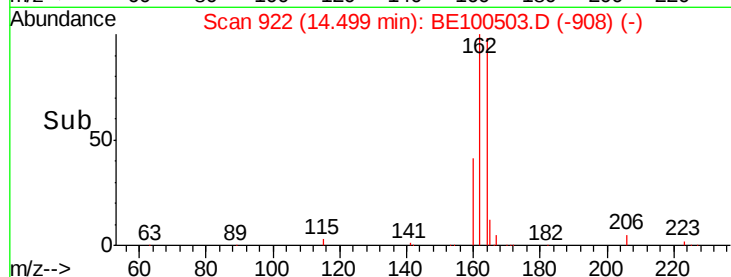
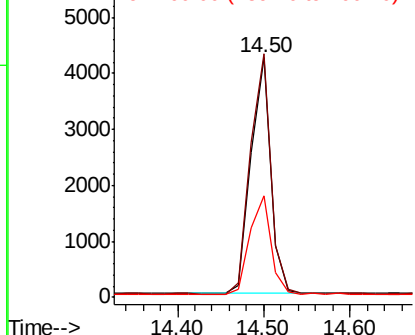
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Instrument :
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Tgt Ion:164 Resp: 6771
Ion Ratio Lower Upper
164 100
162 101.8 80.8 121.2
160 42.6 34.9 52.3

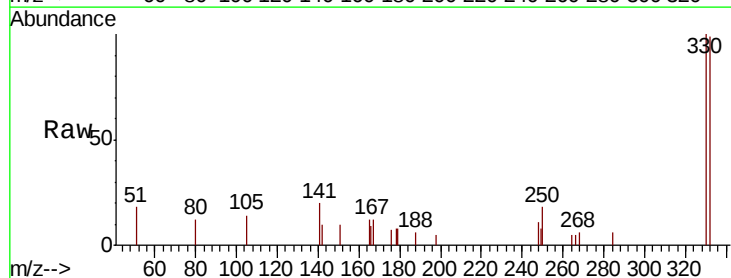


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

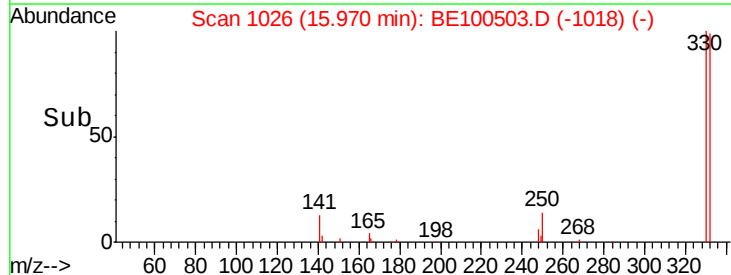
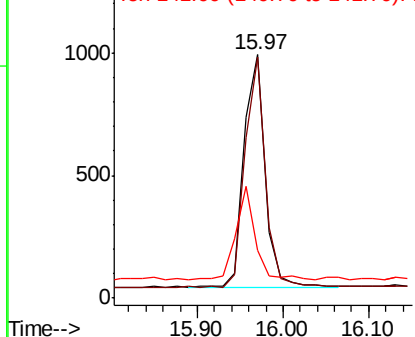


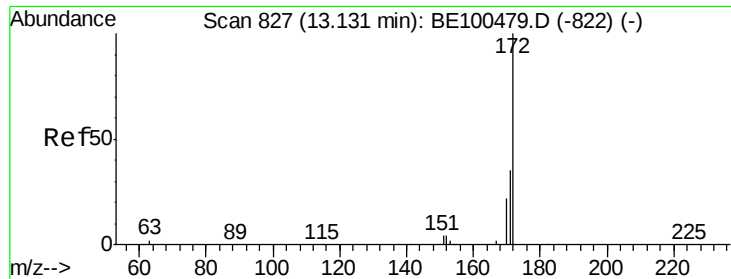
#14
2,4,6-Tribromophenol
Concen: 0.557 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Tgt Ion:330 Resp: 1635
Ion Ratio Lower Upper
330 100
332 96.3 80.5 120.7
141 36.1 29.9 44.9



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

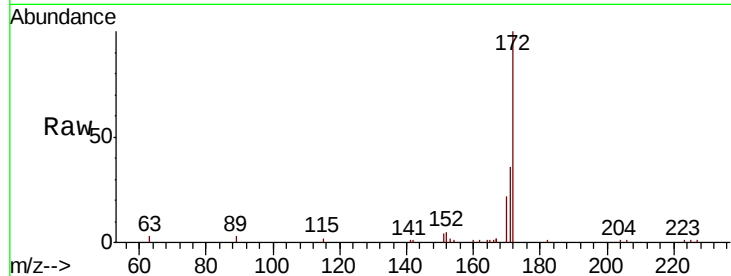




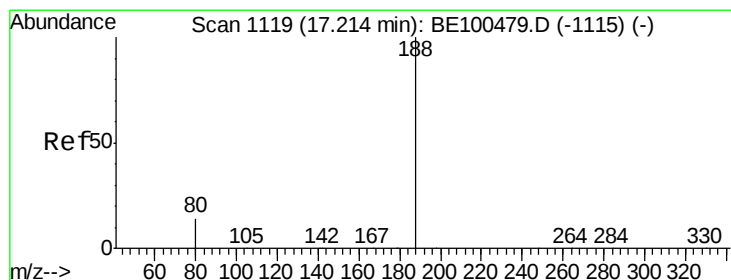
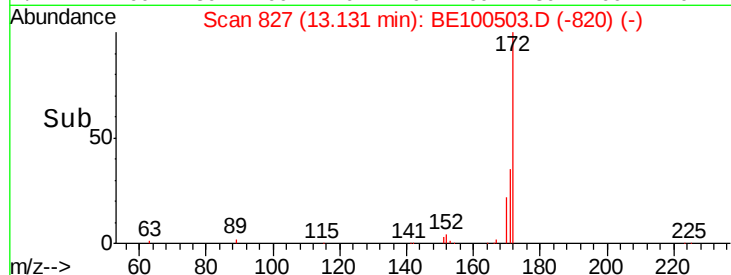
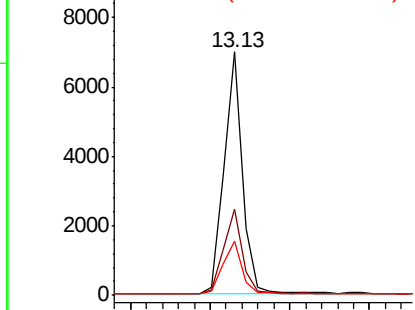
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

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Tgt Ion:172 Resp: 11054
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 22.2 17.8 26.8

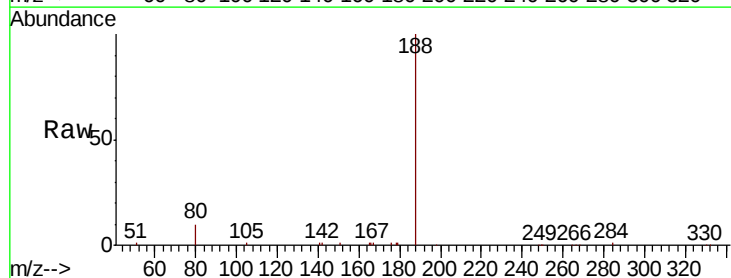


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

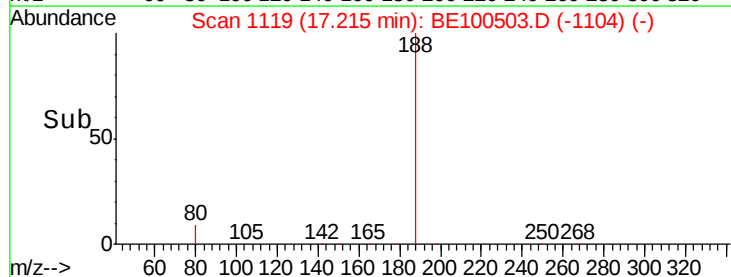
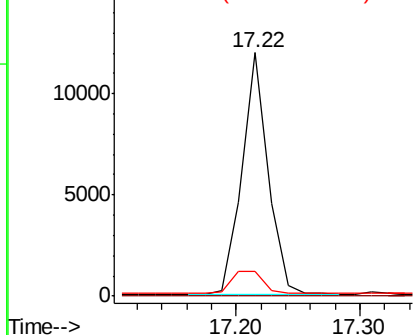


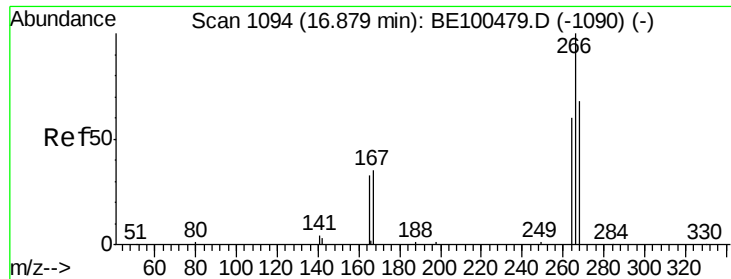
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100503.D
Acq: 23 Jul 2019 16:08

Tgt Ion:188 Resp: 17570
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 11.9 17.9#



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: 0.157 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BE100503.D

Acq: 23 Jul 2019 16:08

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190716

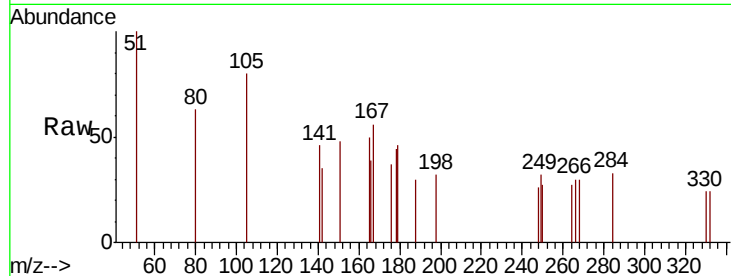
Tgt Ion: 266 Resp: 27

Ion Ratio Lower Upper

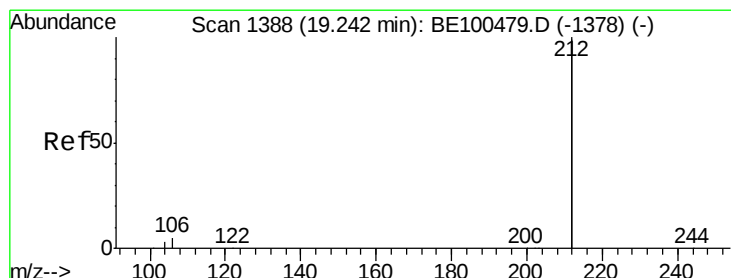
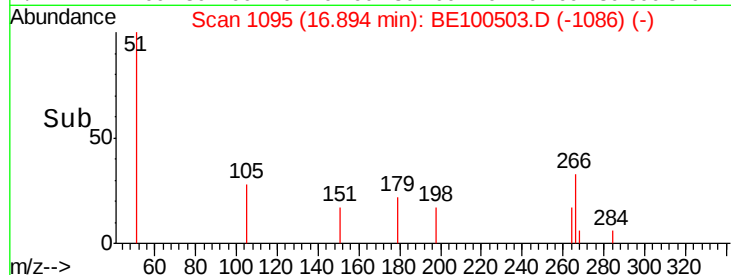
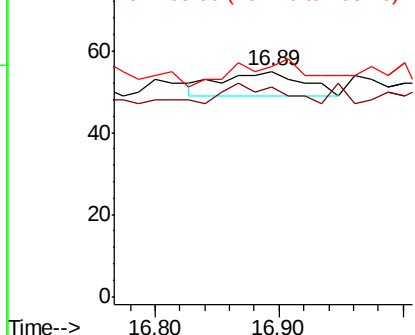
266 100

264 92.7 50.4 75.6#

268 101.8 56.6 85.0#



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: 0.429 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE100503.D

Acq: 23 Jul 2019 16:08

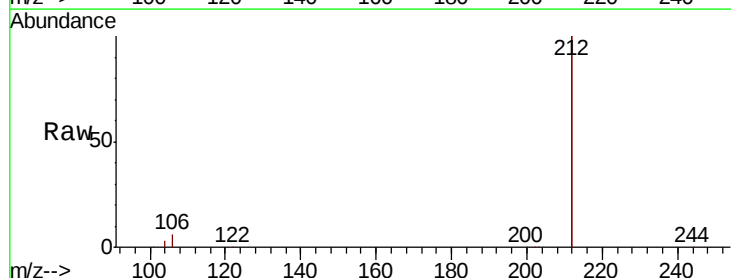
Tgt Ion: 212 Resp: 103323

Ion Ratio Lower Upper

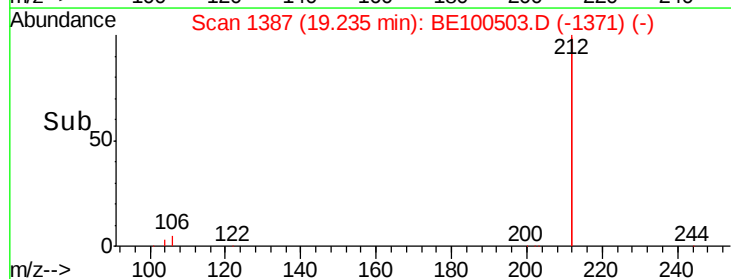
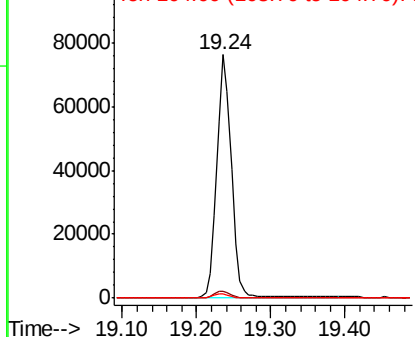
212 100

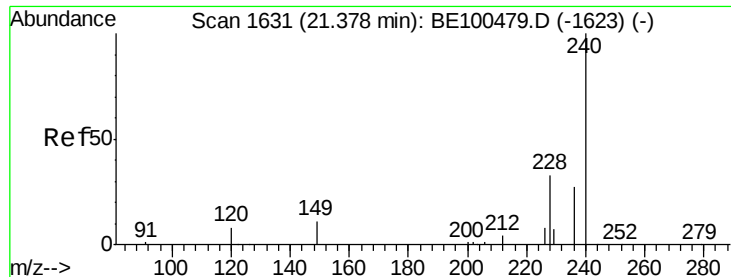
106 2.8 2.2 3.4

104 1.6 1.2 1.8



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: 21.38 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE100503.D

Acq: 23 Jul 2019 16:08

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-190716

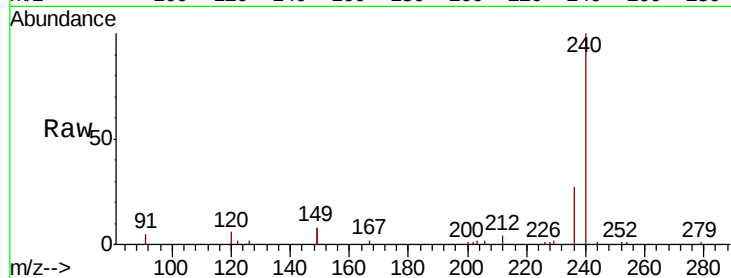
Tgt Ion:240 Resp: 19385

Ion Ratio Lower Upper

240 100

120 6.0 8.2 12.2#

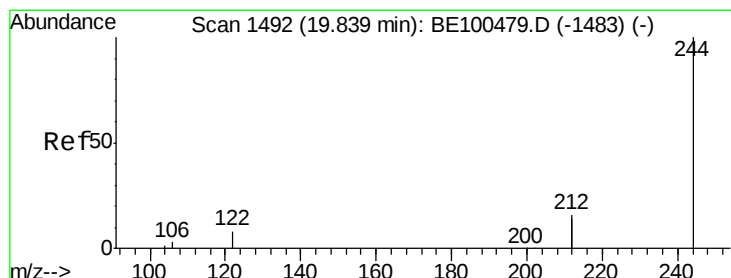
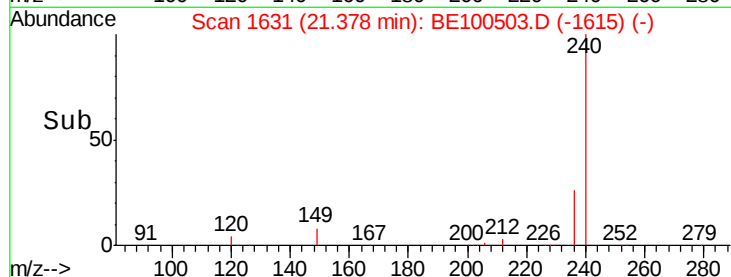
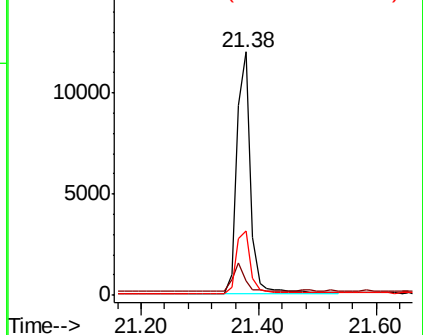
236 26.6 22.6 34.0



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: 0.415 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100503.D

Acq: 23 Jul 2019 16:08

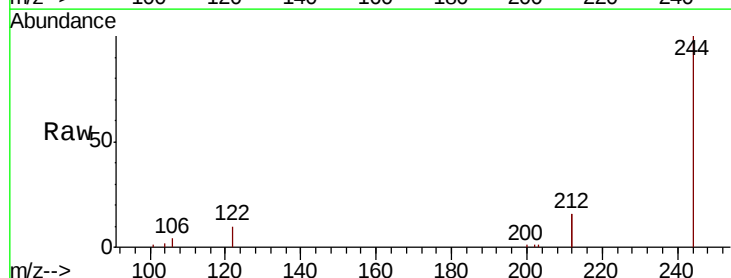
Tgt Ion:244 Resp: 19868

Ion Ratio Lower Upper

244 100

212 31.1 25.6 38.4

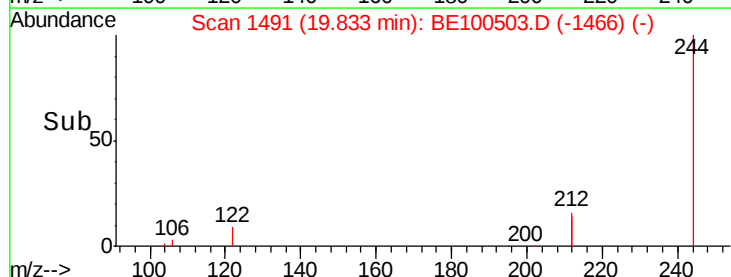
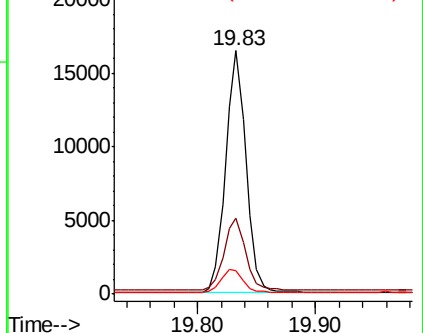
122 9.8 7.2 10.8

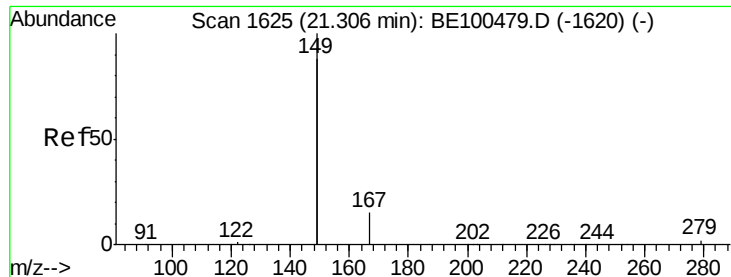


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

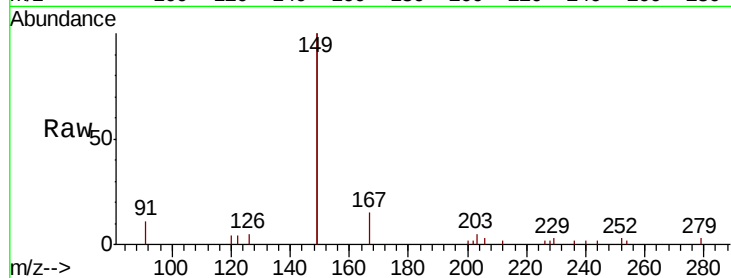




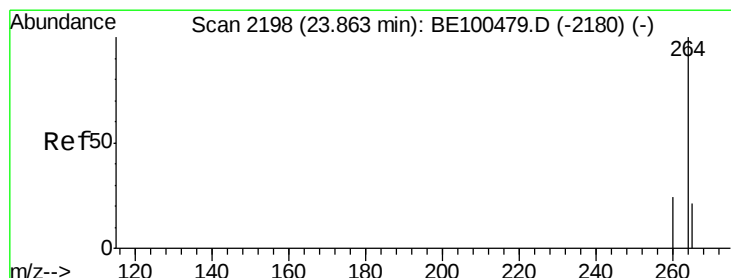
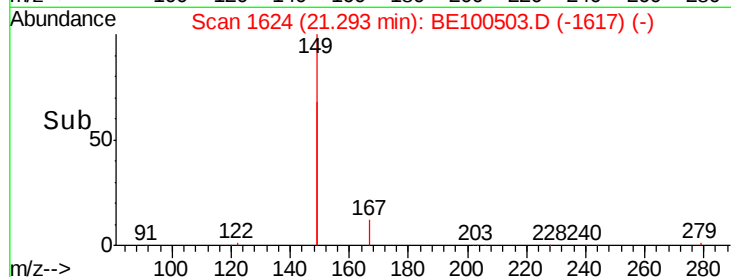
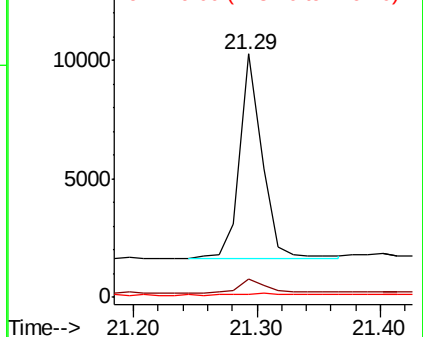
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.081 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE100503.D
 Acq: 23 Jul 2019 16:08

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-190716

Tgt Ion:149 Resp: 11015
 Ion Ratio Lower Upper
 149 100
 167 8.3 5.9 8.9
 279 1.2 1.0 1.6

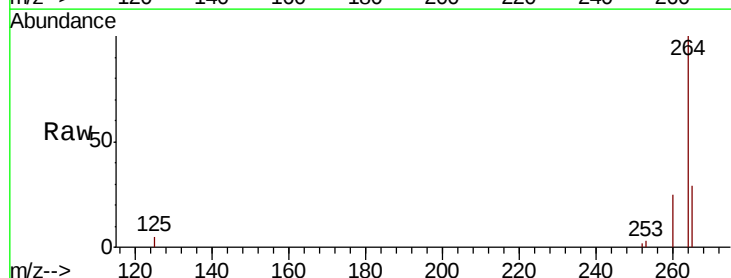


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.85 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BE100503.D
 Acq: 23 Jul 2019 16:08

Tgt Ion:264 Resp: 21276
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.7 31.1
 265 29.2 23.4 35.2



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

