

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100830.D
 Acq On : 11 Dec 2019 3:34
 Operator : JU
 Sample : K6184-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE104D2-20191204

Quant Time: Dec 11 05:42:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5002	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	22861	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13142	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	31300	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	26972	0.40	ng	0.00
34) Perylene-d12	23.75	264	34364	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	2492	0.21	ng	0.00
5) Phenol-d6	6.93	99	2314	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	6029	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	14323	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1050	0.72	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	20310	0.39	ng	-0.01
25) Fluoranthene-d10	19.16	212	144577	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	28910	0.45	ng	0.00

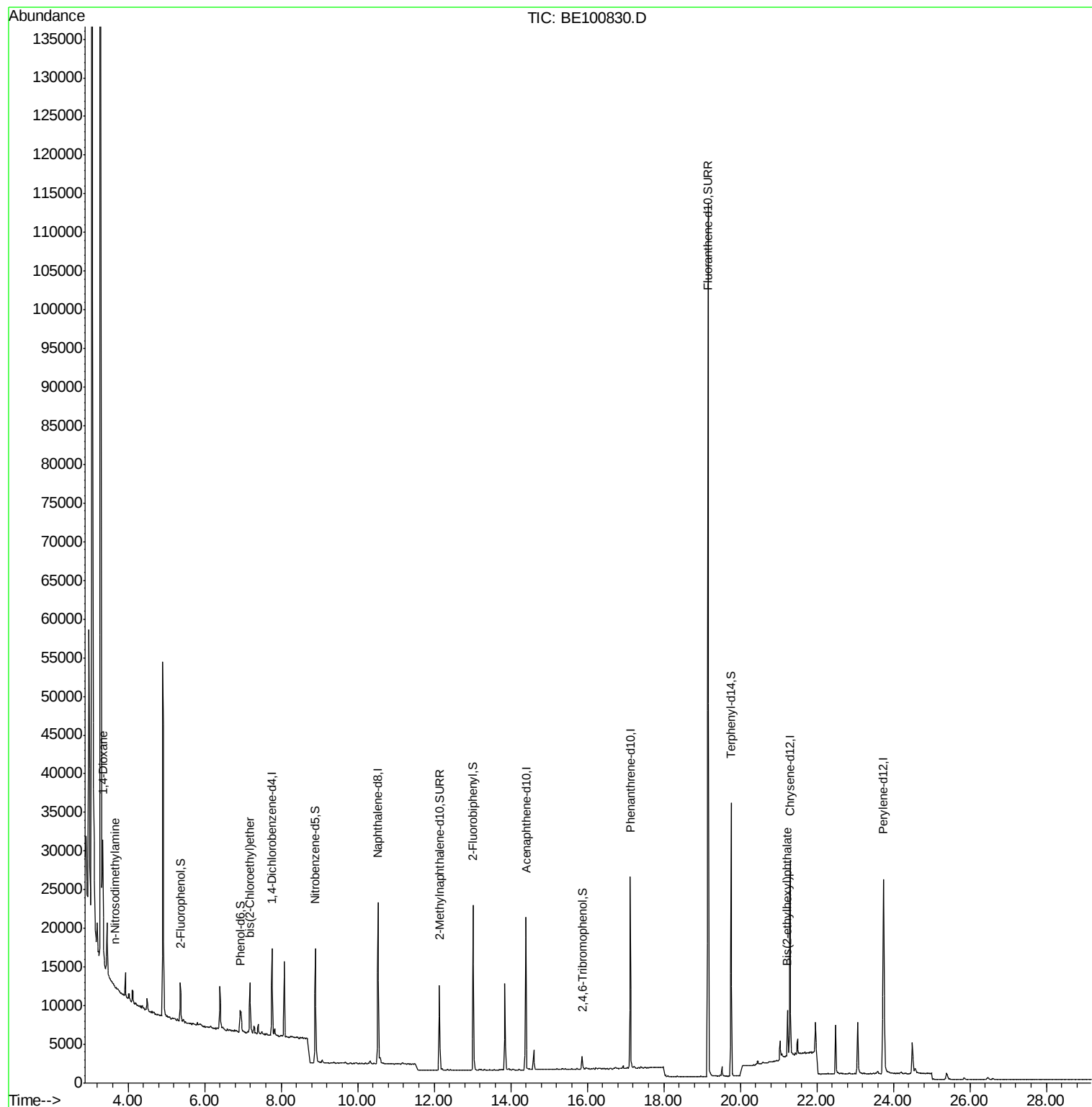
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	8430	0.924	ng	# 76
3) n-Nitrosodimethylamine	3.67	42	150	0.020	ng	# 6
6) bis(2-Chloroethyl)ether	7.19	93	2368	0.137	ng	98
32) Bis(2-ethylhexyl)phthalate	21.23	149	7912	0.096	ng	# 94

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

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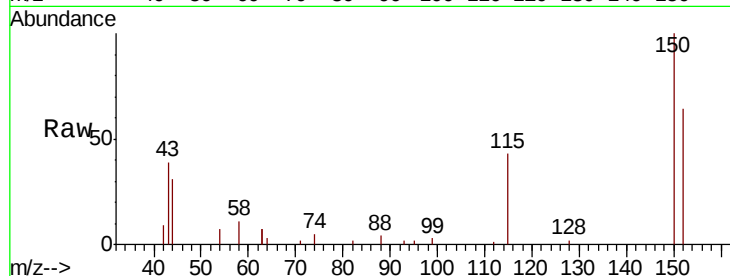


#1

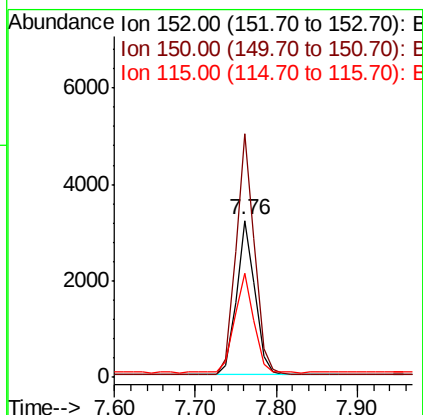
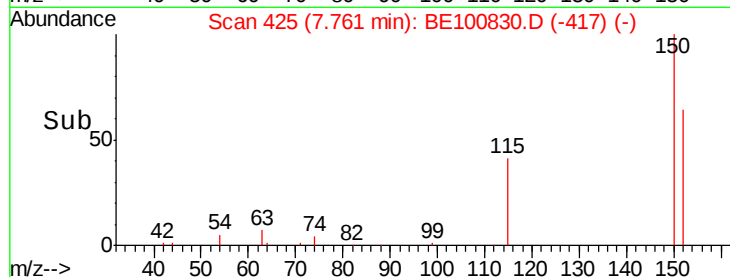
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100830.D
Acq: 11 Dec 2019 3:34

Instrument :
BNA_E
ClientSampleId :
RE104D2-20191204

Tot Ion:152 Resp: 5002
Ion Ratio Lower Upper
152 100
150 155.3 120.6 181.0
115 66.1 47.4 71.2



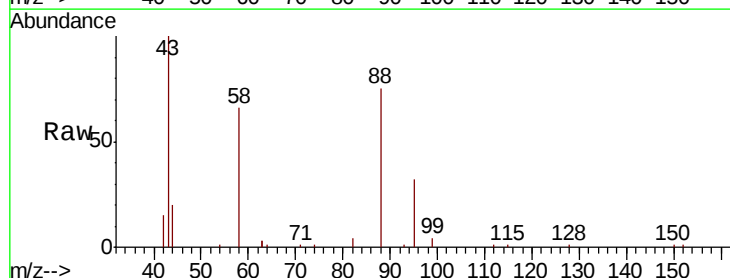
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



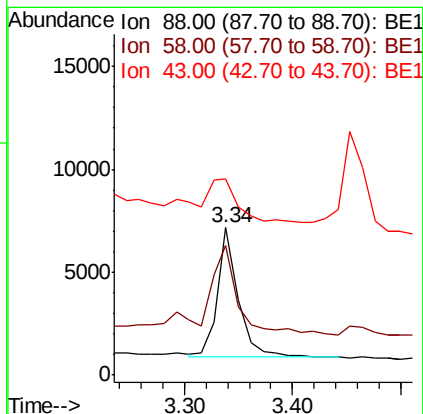
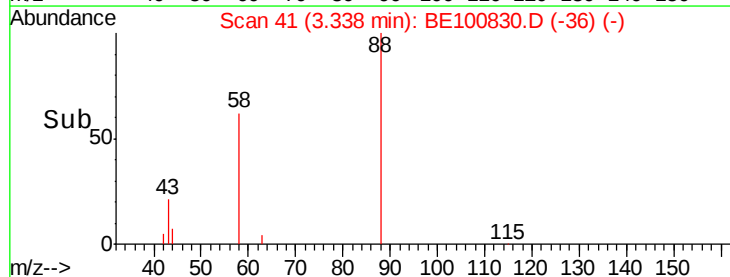
#2

1,4-Dioxane
Concen: 0.924 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100830.D
Acq: 11 Dec 2019 3:34

Tgt Ion: 88 Resp: 8430
Ion Ratio Lower Upper
88 100
58 81.0 52.5 78.7#
43 46.8 23.0 34.6#



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: 0.020 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.01 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

Instrument :

BNA_E

ClientSampleId :

RE104D2-20191204

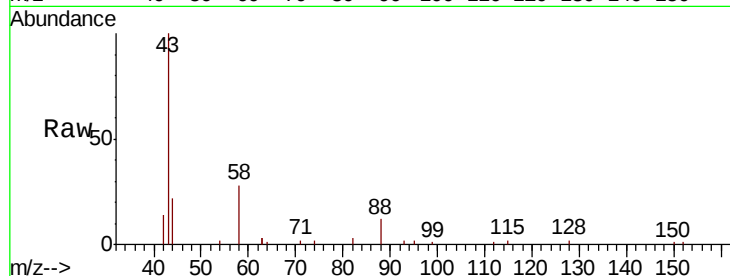
Tot Ion: 42 Resp: 150

Ion Ratio Lower Upper

42 100

74 22.0 86.3 129.5#

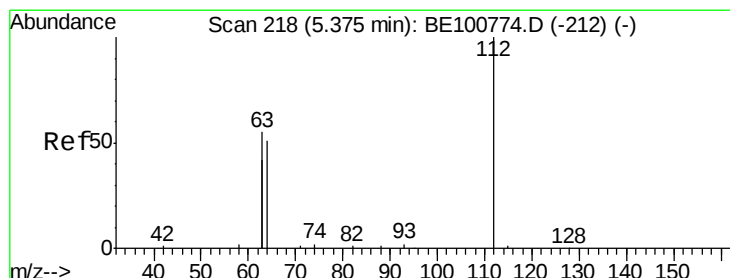
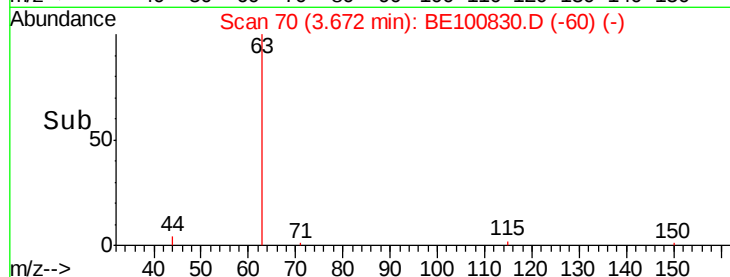
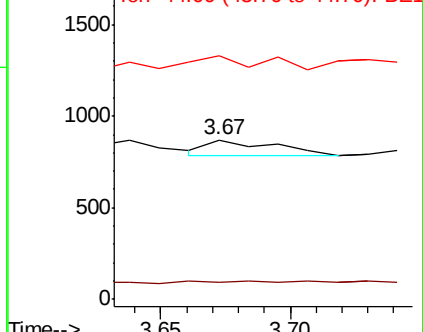
44 89.3 11.6 17.4#



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: 0.210 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

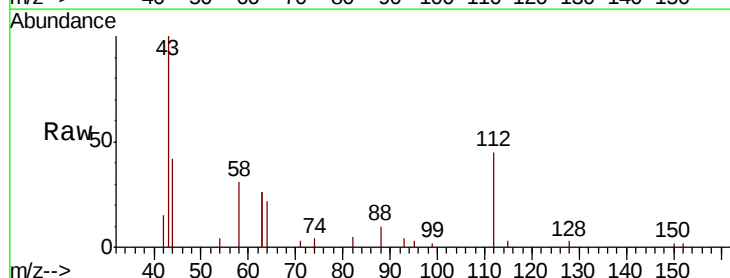
Tgt Ion: 112 Resp: 2492

Ion Ratio Lower Upper

112 100

64 67.9 54.1 81.1

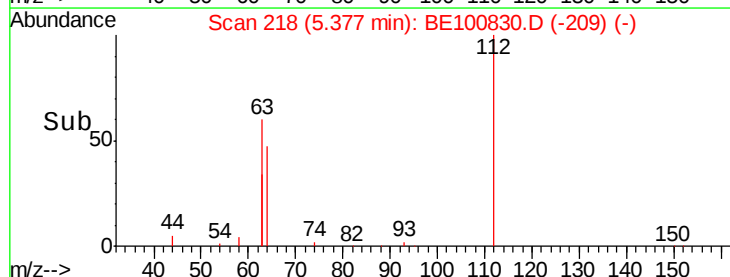
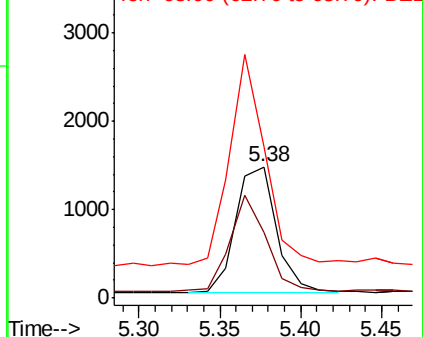
63 147.4 113.2 169.8



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: 0.129 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

Instrument :

BNA_E

ClientSampleId :

RE104D2-20191204

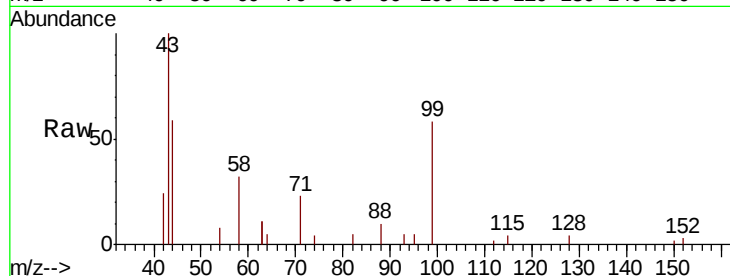
Tot Ion: 99 Resp: 2314

Ion Ratio Lower Upper

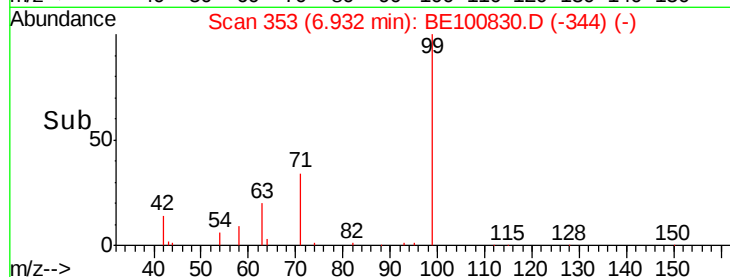
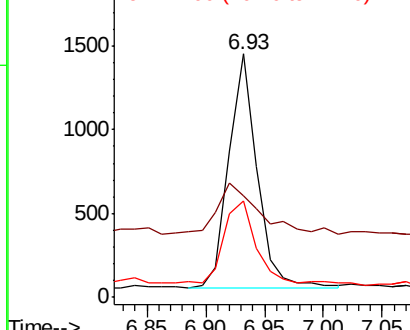
99 100

42 31.0 19.1 28.7#

71 40.1 27.7 41.5



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

bis(2-Chloroethyl)ether

Concen: 0.137 ng

RT: 7.19 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

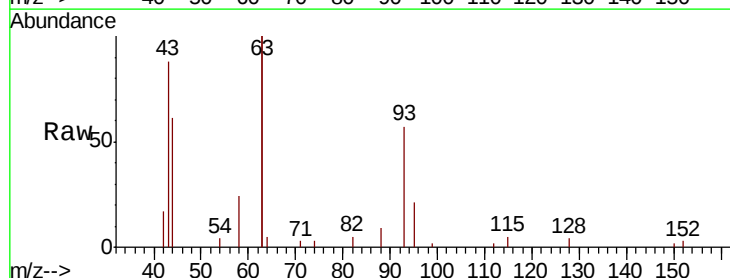
Tgt Ion: 93 Resp: 2368

Ion Ratio Lower Upper

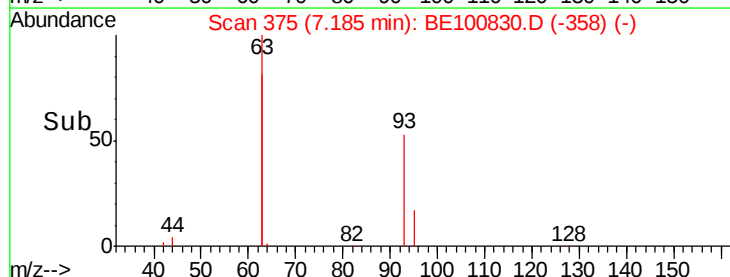
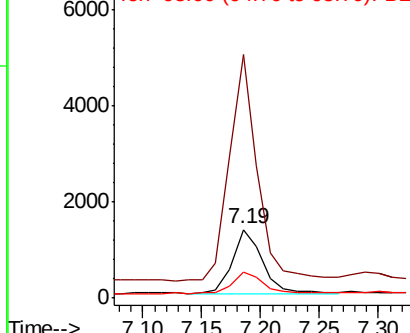
93 100

63 327.7 259.4 389.0

95 36.3 26.2 39.2



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

Instrument :

BNA_E

ClientSampleId :

RE104D2-20191204

Tot Ion:136 Resp: 22861

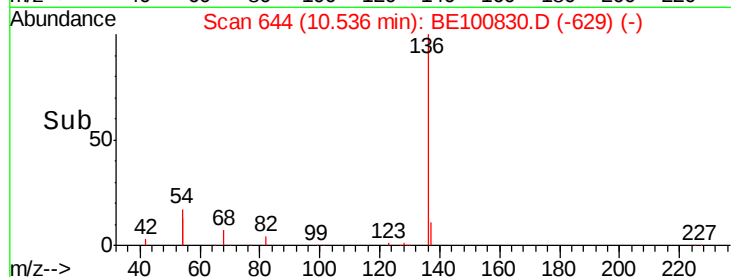
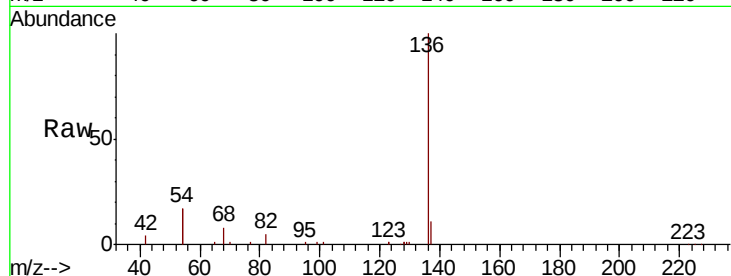
Ion Ratio Lower Upper

136 100

137 11.0 9.4 14.0

54 33.0 31.1 46.7

68 7.5 6.6 10.0

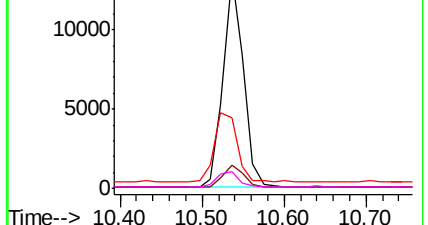


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.554 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

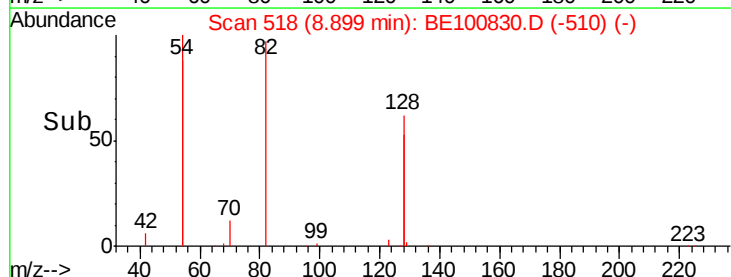
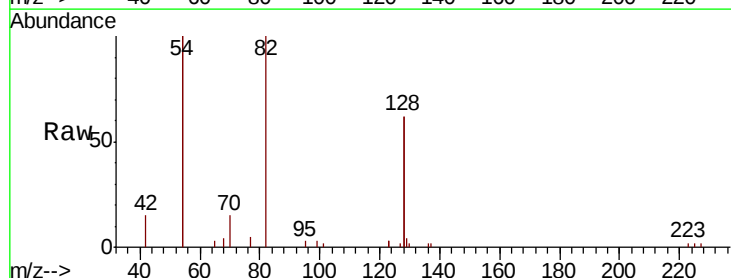
Tgt Ion: 82 Resp: 6029

Ion Ratio Lower Upper

82 100

128 124.3 97.0 145.4

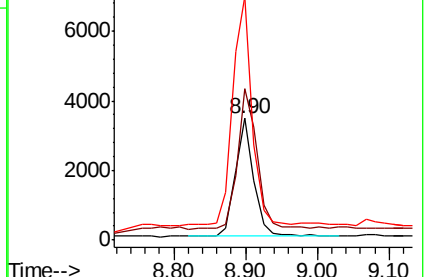
54 200.1 171.8 257.6

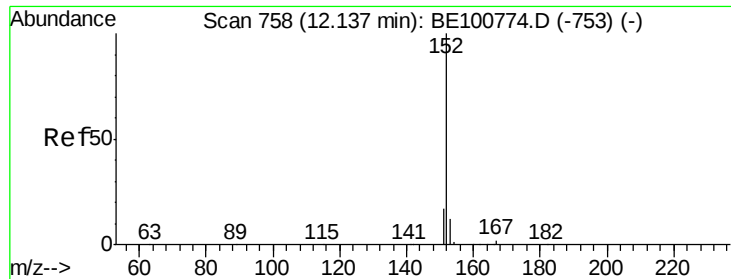


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

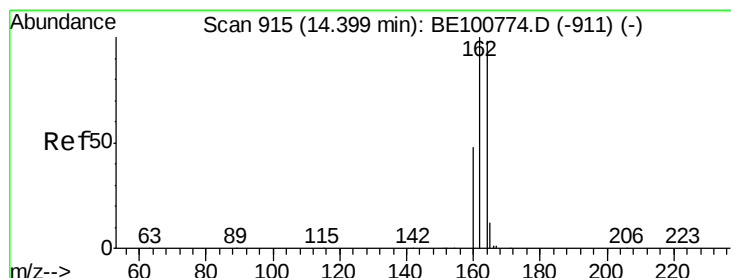
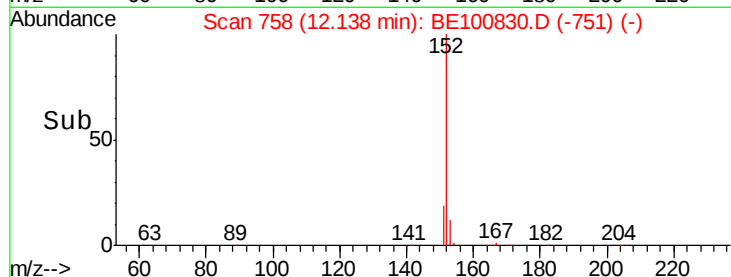
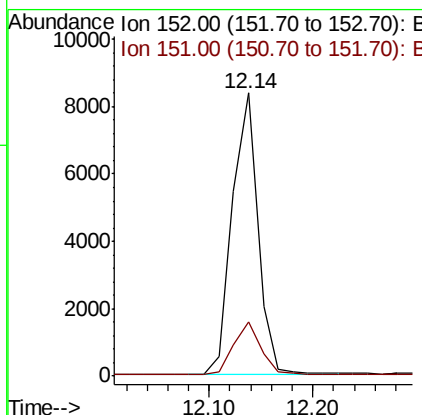
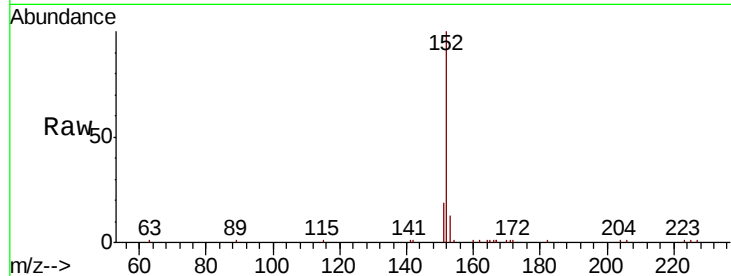




#11
2-Methylnaphthalene-d10
Concen: 0.432 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100830.D
Acq: 11 Dec 2019 3:34

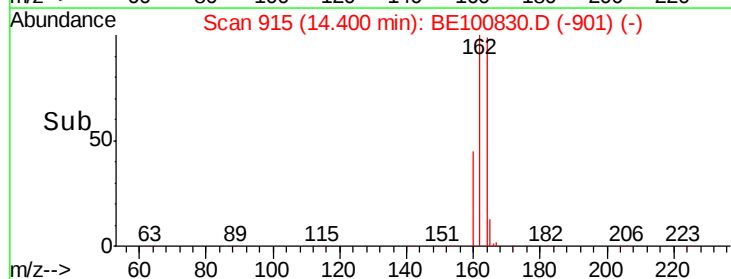
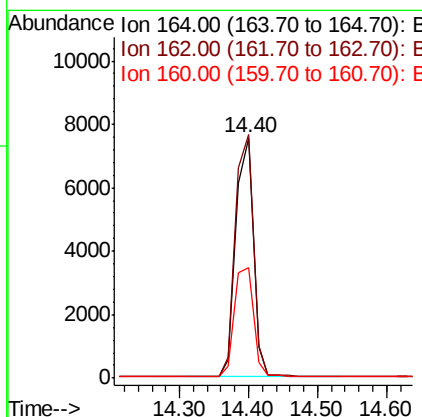
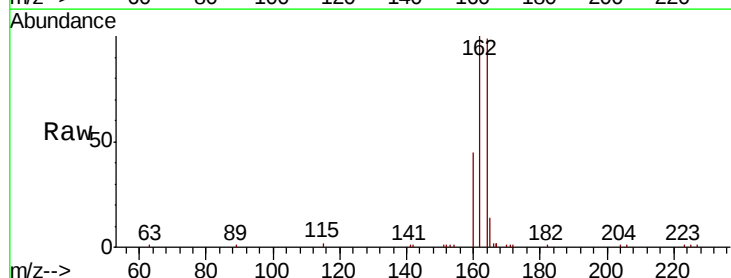
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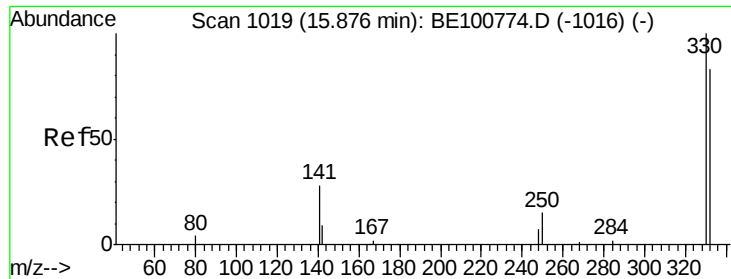
Tot Ion:152 Resp: 14323
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100830.D
Acq: 11 Dec 2019 3:34

Tgt Ion:164 Resp: 13142
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 45.9 39.4 59.0

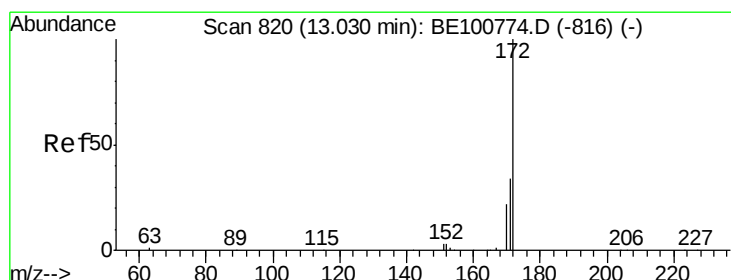
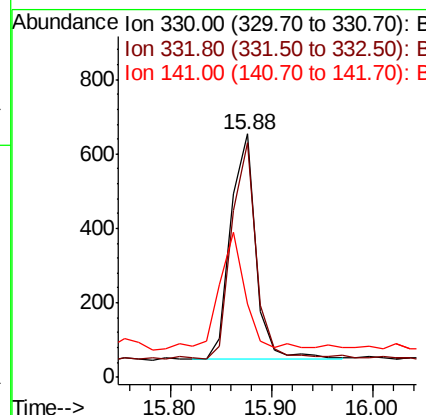
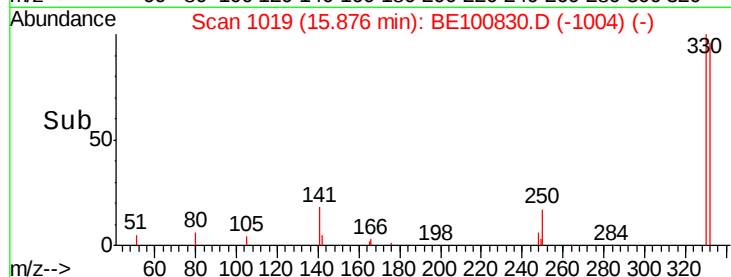
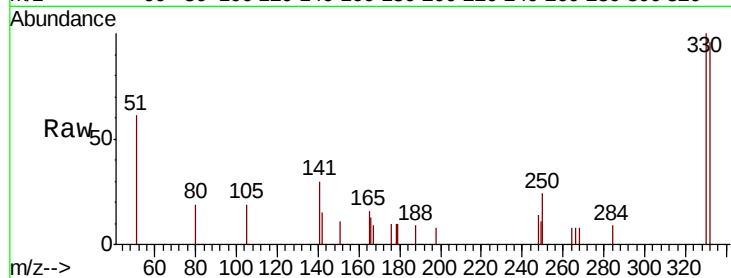




#14
 2,4,6-Tribromophenol
 Concen: 0.718 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BE100830.D
 Acq: 11 Dec 2019 3:34

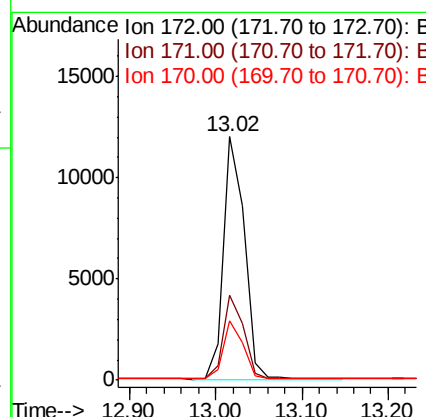
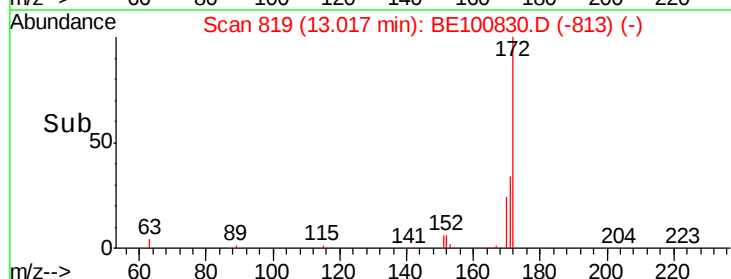
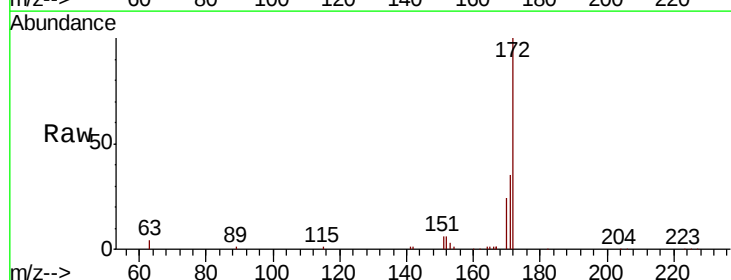
Instrument :
 BNA_E
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 RE104D2-20191204

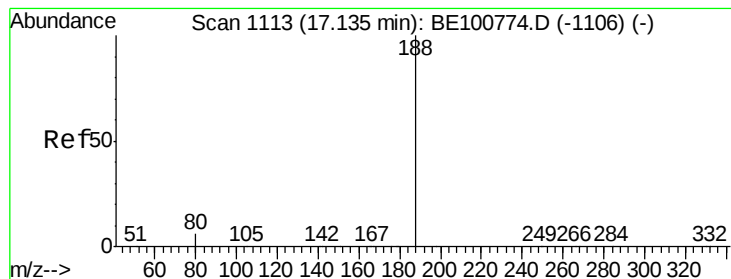
Tot Ion:330 Resp: 1050
 Ion Ratio Lower Upper
 330 100
 332 97.3 69.4 104.2
 141 53.8 51.1 76.7



#15
 2-Fluorobiphenyl
 Concen: 0.390 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE100830.D
 Acq: 11 Dec 2019 3:34

Tgt Ion:172 Resp: 20310
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.2 40.8
 170 24.5 18.0 27.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

Instrument :

BNA_E

ClientSampleId :

RE104D2-20191204

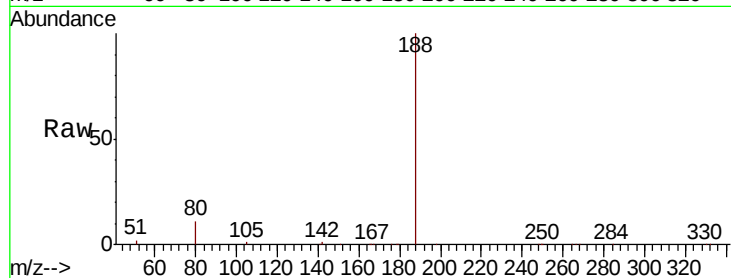
Tot Ion:188 Resp: 31300

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

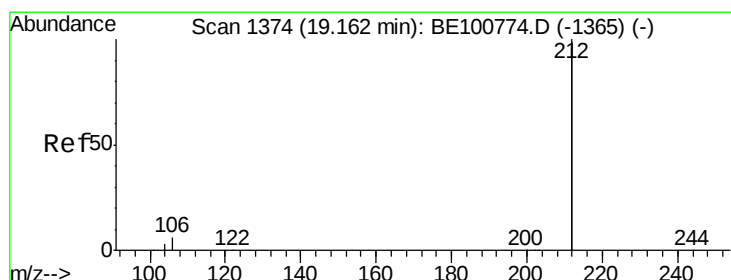
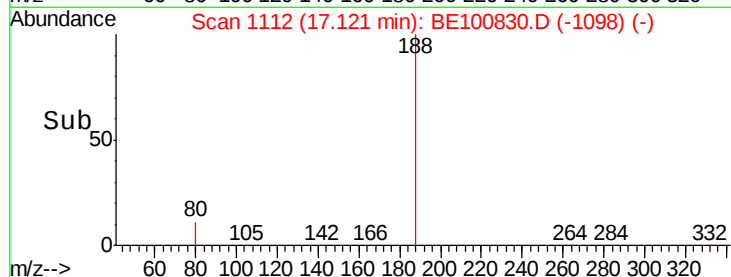
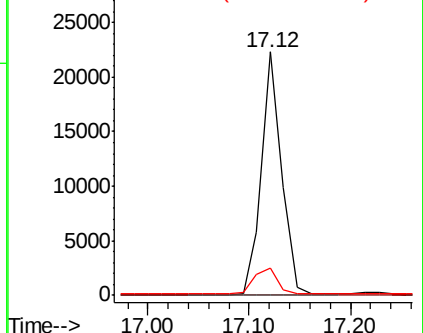
80 11.2 5.2 7.8#



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



#25

Fluoranthene-d10

Concen: 0.391 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

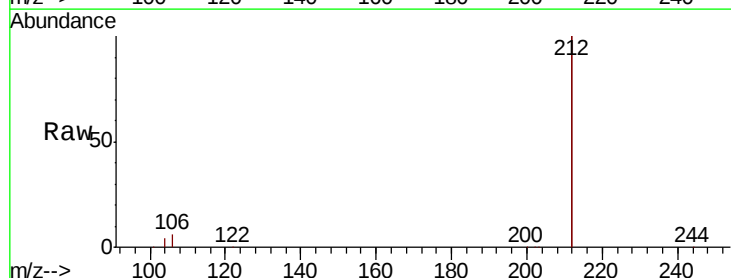
Tgt Ion:212 Resp: 144577

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

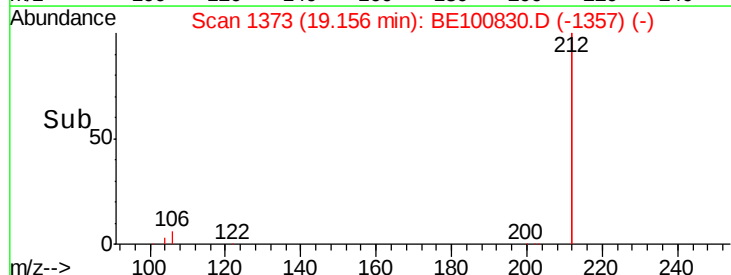
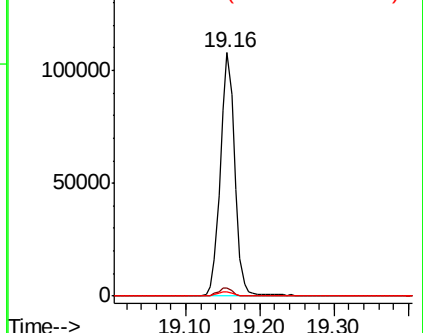
104 1.9 1.4 2.2

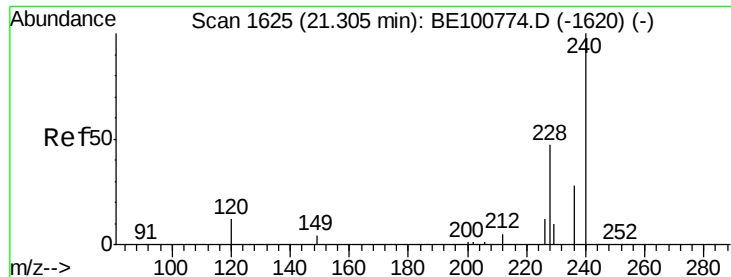


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

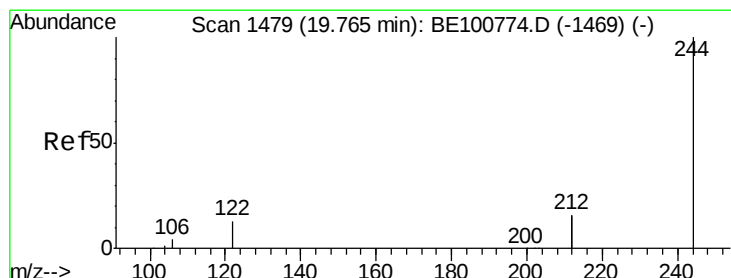
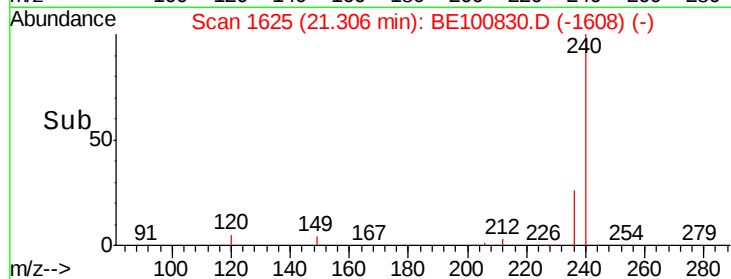
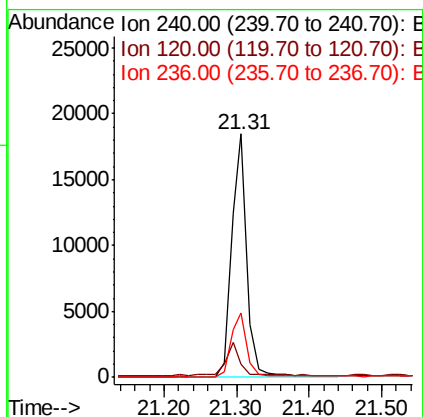
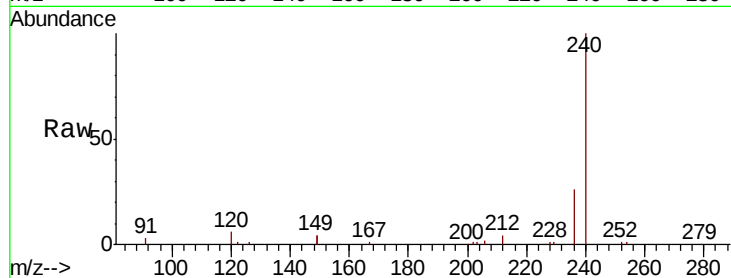




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BE100830.D
 Acq: 11 Dec 2019 3:34

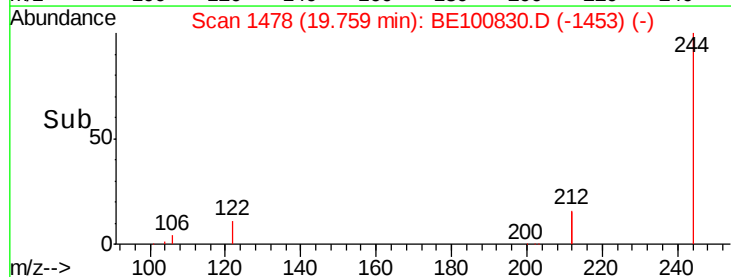
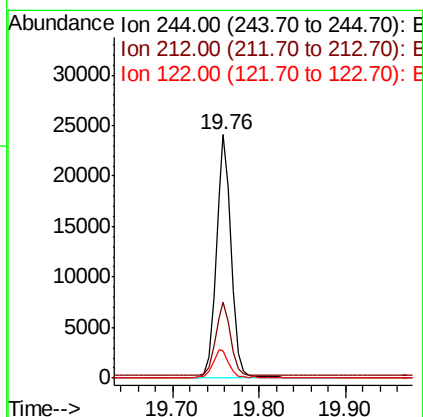
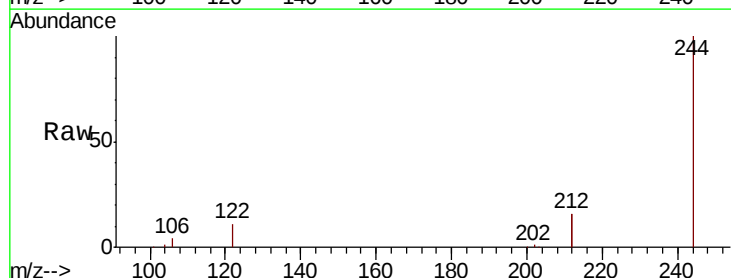
Instrument :
 BNA_E
 ClientSampleId :
 RE104D2-20191204

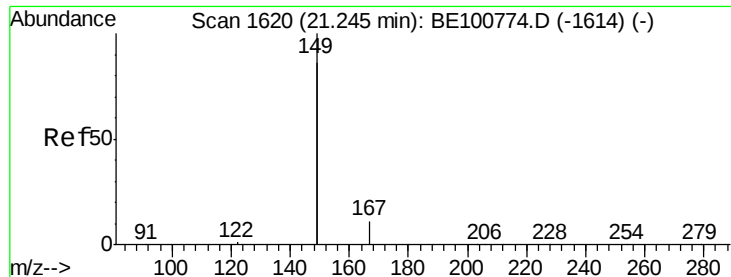
Tot Ion:240 Resp: 26972
 Ion Ratio Lower Upper
 240 100
 120 5.5 10.2 15.2#
 236 26.4 22.3 33.5



#29
 Terphenyl-d14
 Concen: 0.447 ng
 RT: 19.76 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BE100830.D
 Acq: 11 Dec 2019 3:34

Tgt Ion:244 Resp: 28910
 Ion Ratio Lower Upper
 244 100
 212 31.3 26.2 39.4
 122 11.4 10.2 15.4

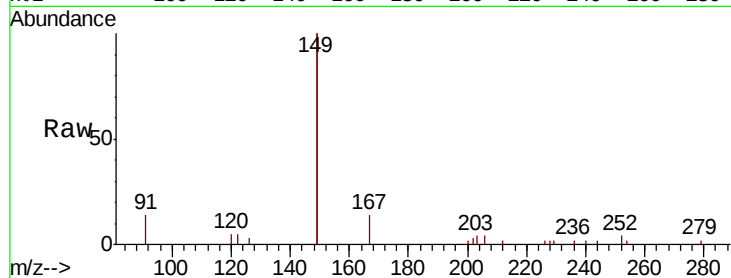




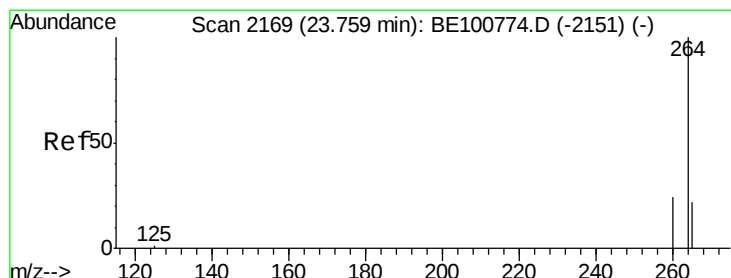
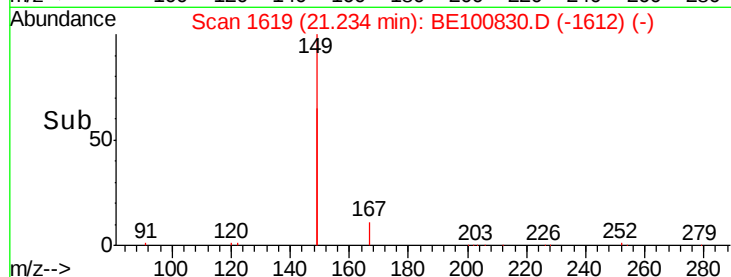
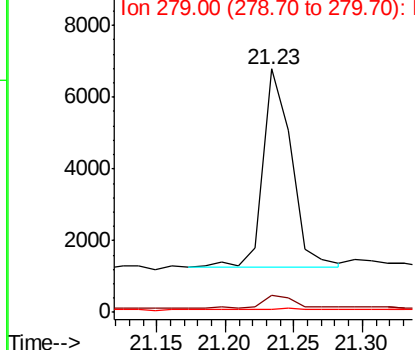
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.096 ng
 RT: 21.23 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BE100830.D
 Acq: 11 Dec 2019 3:34

Instrument :
 BNA_E
 ClientSampleId :
 RE104D2-20191204

Tot Ion:149 Resp: 7912
 Ion Ratio Lower Upper
 149 100
 167 8.5 5.0 7.6#
 279 1.3 0.7 1.1#

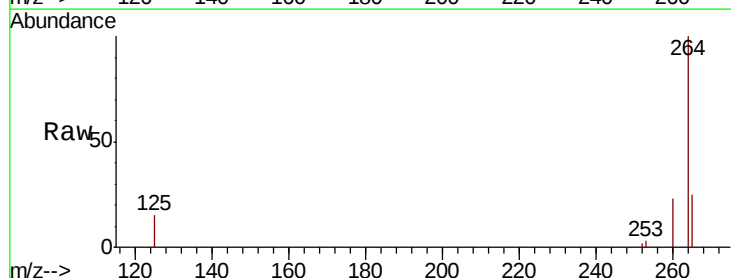


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.75 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BE100830.D
 Acq: 11 Dec 2019 3:34

Tgt Ion:264 Resp: 34364
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 24.7 21.8 32.8



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

