

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100832.D
 Acq On : 11 Dec 2019 4:48
 Operator : JU
 Sample : K6185-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-20191204

Quant Time: Dec 11 05:43:13 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	5556	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	25418	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	14622	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	35796	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	30295	0.40	ng	0.00
34) Perylene-d12	23.75	264	35407	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	2727	0.21	ng	0.00
5) Phenol-d6	6.93	99	2649	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	6169	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	14700	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1112	0.68	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	20656	0.36	ng	-0.01
25) Fluoranthene-d10	19.16	212	149897	0.35	ng	0.00
29) Terphenyl-d14	19.76	244	29158	0.40	ng	0.00

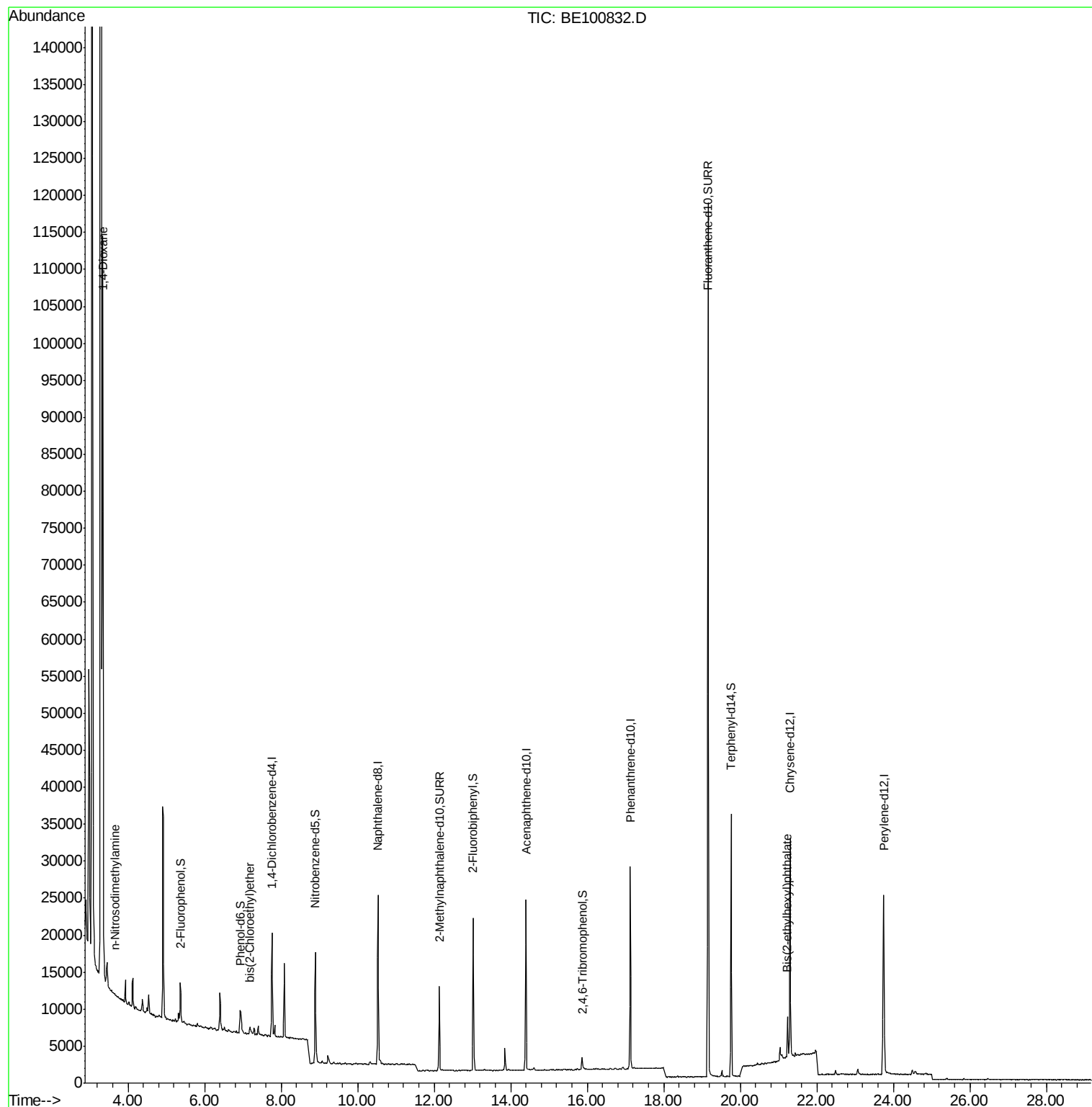
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	56902	5.617	ng	90
3) n-Nitrosodimethylamine	3.67	42	193	0.023	ng	# 1
6) bis(2-Chloroethyl)ether	7.18	93	444	0.023	ng	82
32) Bis(2-ethylhexyl)phthalate	21.23	149	7543	0.068	ng	# 97

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

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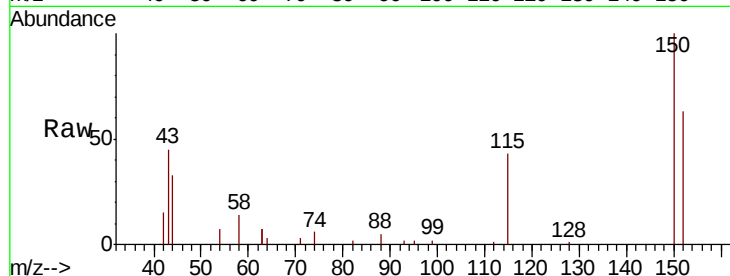


#1

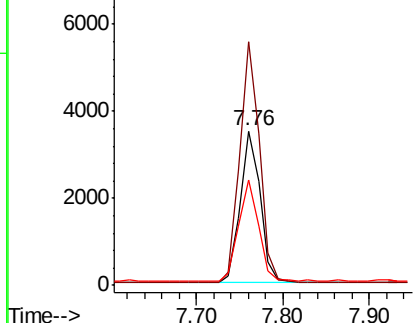
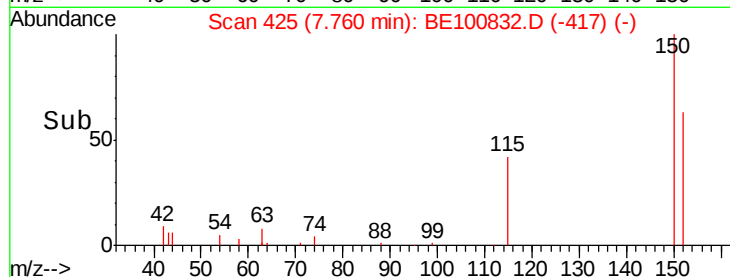
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100832.D
Acq: 11 Dec 2019 4:48

Instrument :
BNA_E
ClientSampleId :
RE103D1-20191204

Tot Ion:152 Resp: 5556
Ion Ratio Lower Upper
152 100
150 157.6 120.6 181.0
115 67.9 47.4 71.2



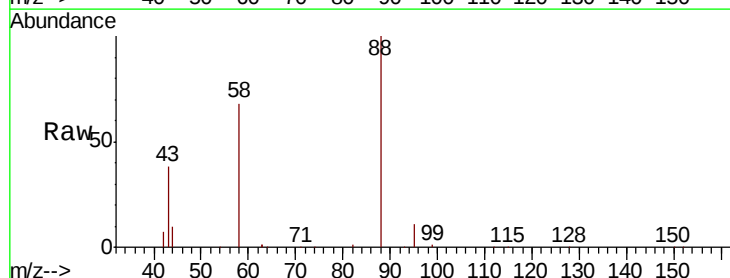
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



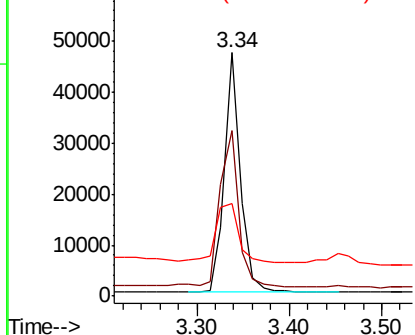
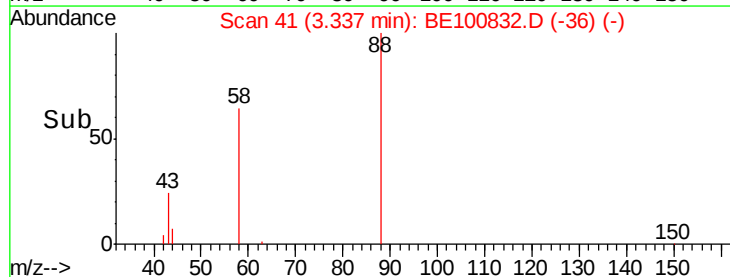
#2

1,4-Dioxane
Concen: 5.617 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100832.D
Acq: 11 Dec 2019 4:48

Tgt Ion: 88 Resp: 56902
Ion Ratio Lower Upper
88 100
58 74.1 52.5 78.7
43 33.7 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: 0.023 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.01 min

Lab File: BE100832.D

Acq: 11 Dec 2019 4:48

Instrument :

BNA_E

ClientSampleId :

RE103D1-20191204

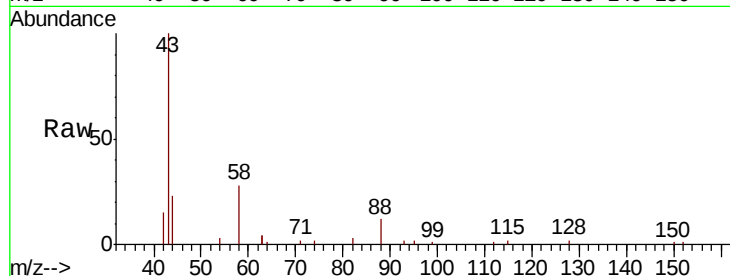
Tot Ion: 42 Resp: 193

Ion Ratio Lower Upper

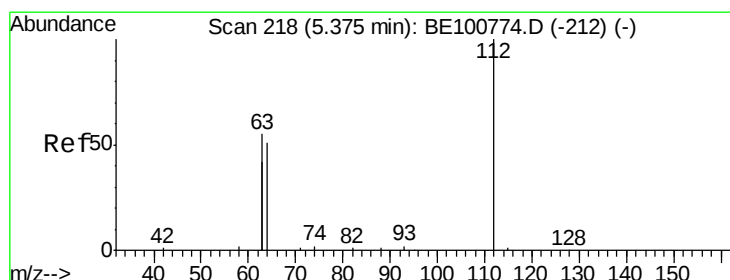
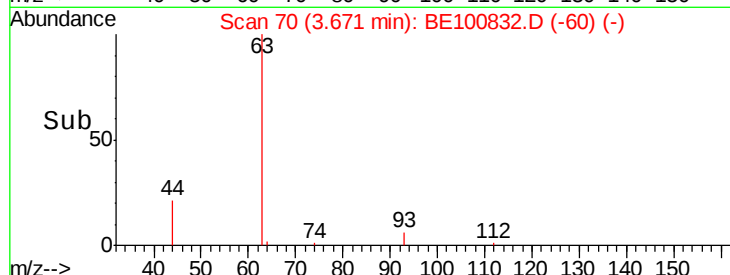
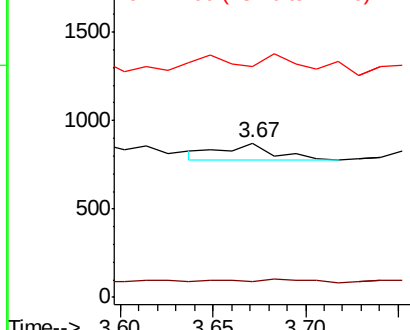
42 100

74 14.0 86.3 129.5#

44 107.3 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: 0.207 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100832.D

Acq: 11 Dec 2019 4:48

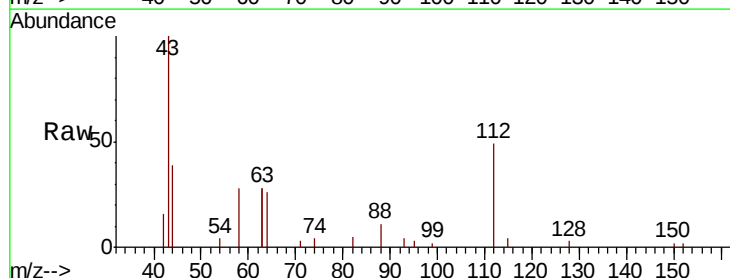
Tgt Ion: 112 Resp: 2727

Ion Ratio Lower Upper

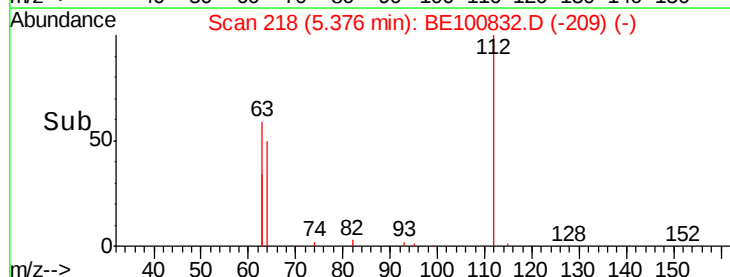
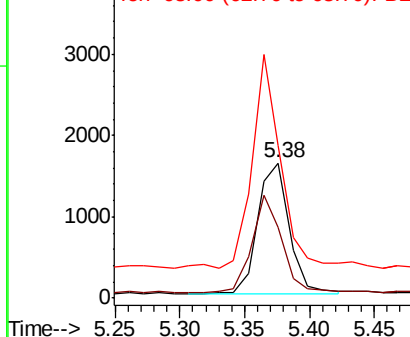
112 100

64 68.5 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: 0.133 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100832.D

Acq: 11 Dec 2019 4:48

Instrument :

BNA_E

ClientSampleId :

RE103D1-20191204

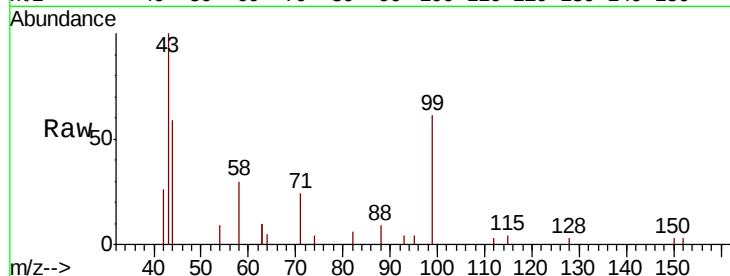
Tot Ion: 99 Resp: 2649

Ion Ratio Lower Upper

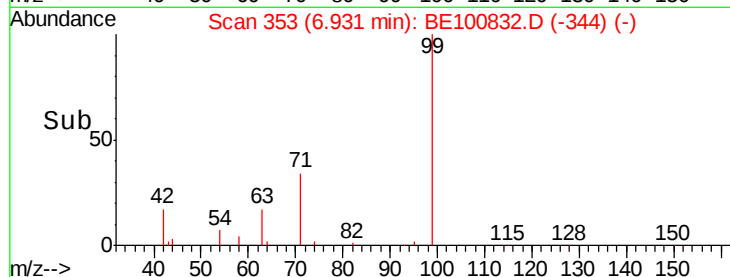
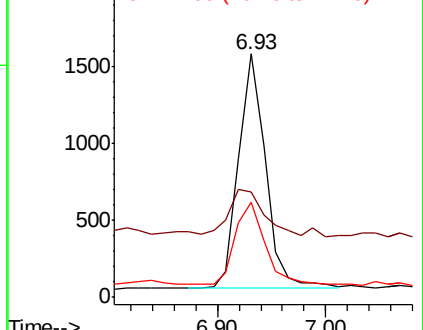
99 100

42 25.2 19.1 28.7

71 38.6 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: 0.023 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100832.D

Acq: 11 Dec 2019 4:48

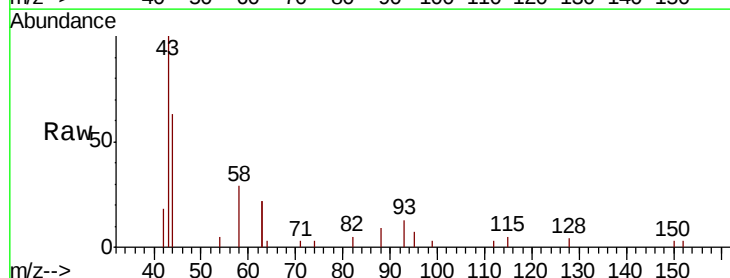
Tgt Ion: 93 Resp: 444

Ion Ratio Lower Upper

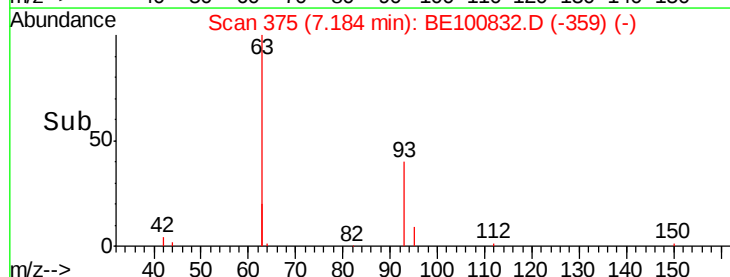
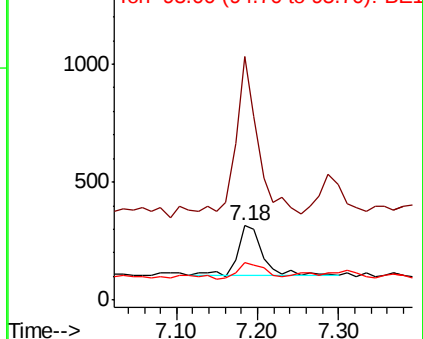
93 100

63 284.5 259.4 389.0

95 36.0 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: BE100832.D

Acq: 11 Dec 2019 4:48

Instrument :

BNA_E

ClientSampleId :

RE103D1-20191204

Tot Ion:136 Resp: 25418

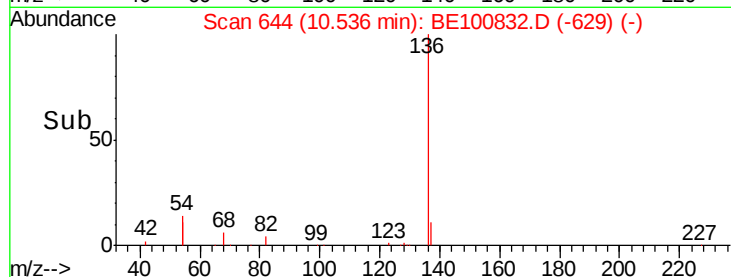
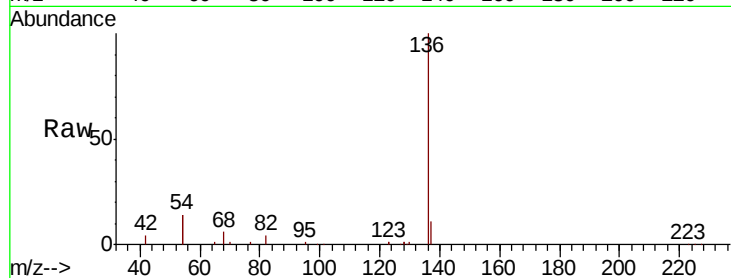
Ion Ratio Lower Upper

136 100

137 11.0 9.4 14.0

54 28.4 31.1 46.7#

68 6.4 6.6 10.0#

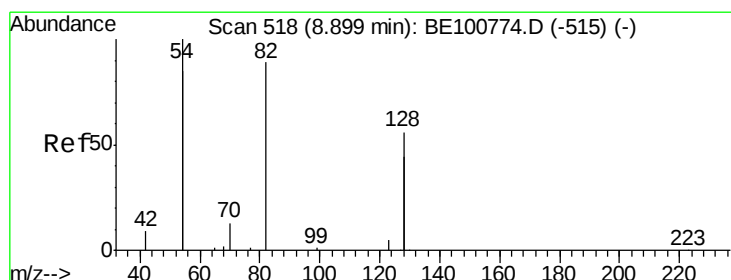
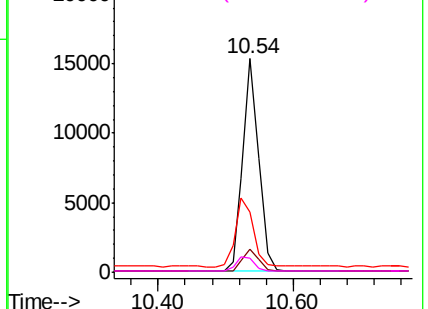


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.510 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100832.D

Acq: 11 Dec 2019 4:48

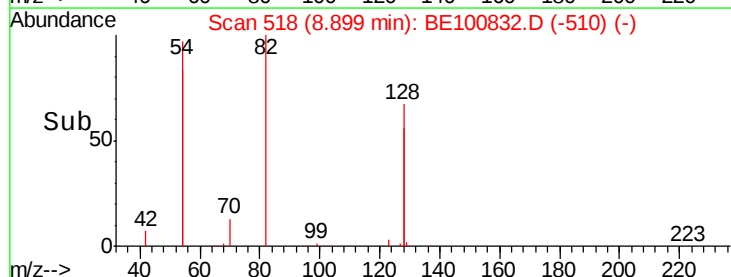
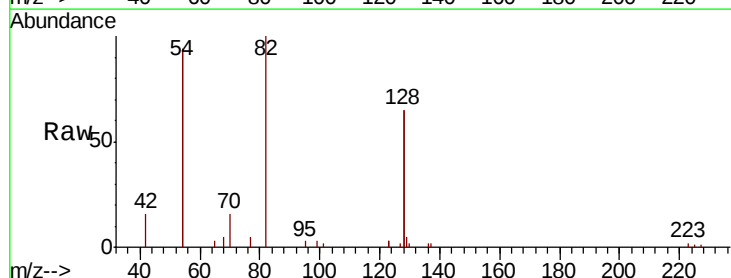
Tgt Ion: 82 Resp: 6169

Ion Ratio Lower Upper

82 100

128 129.1 97.0 145.4

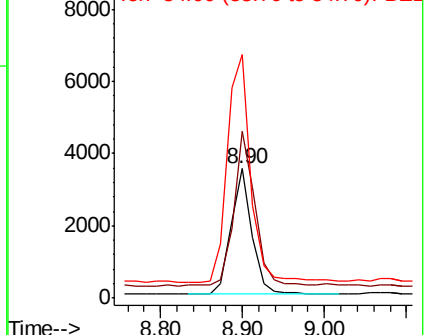
54 188.6 171.8 257.6

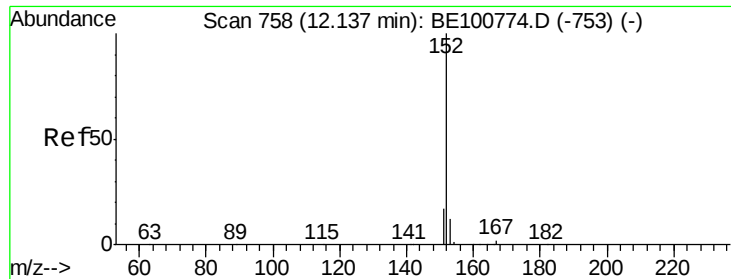


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

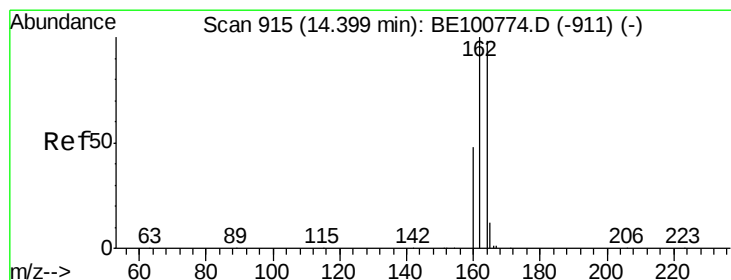
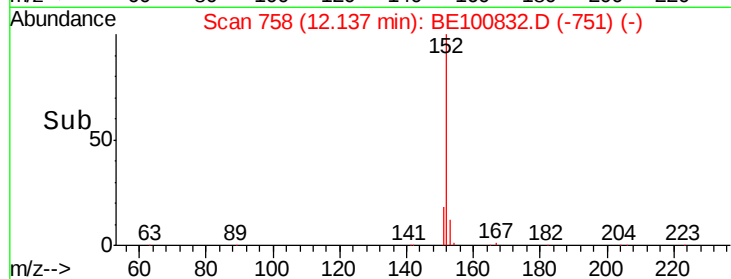
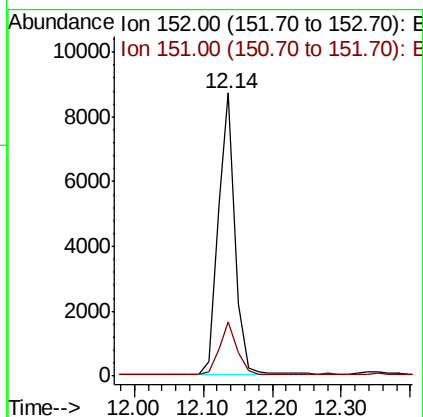
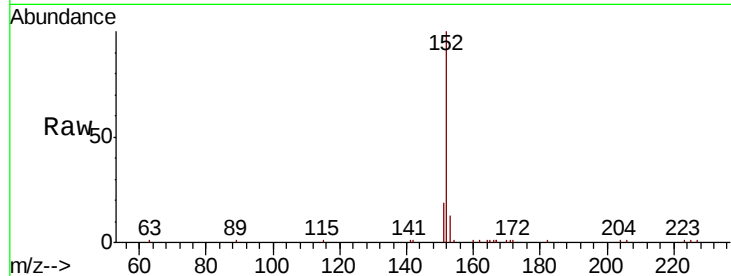




#11
 2-Methylnaphthalene-d10
 Concen: 0.399 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100832.D
 Acq: 11 Dec 2019 4:48

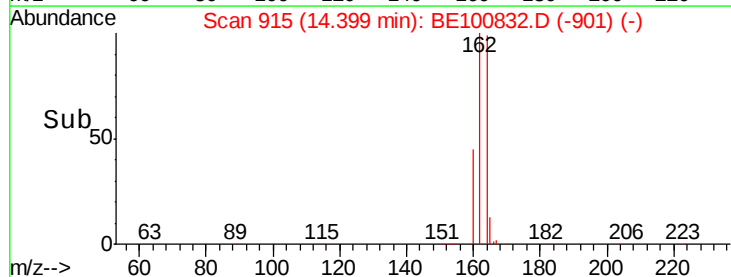
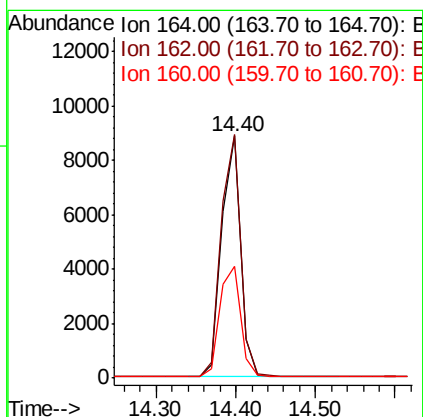
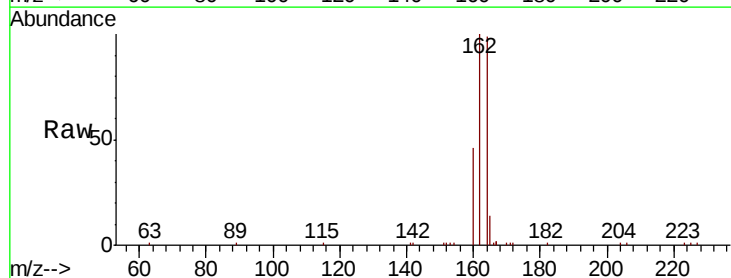
Instrument :
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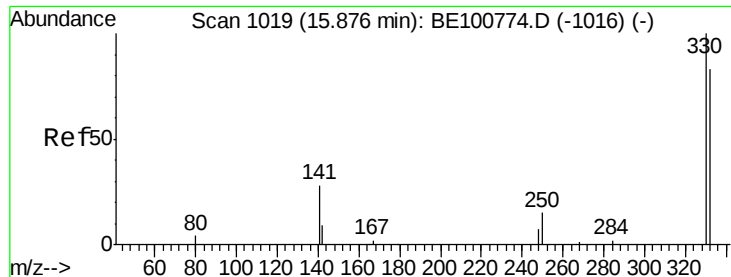
Tot Ion:152 Resp: 14700
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.8 23.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.40 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BE100832.D
 Acq: 11 Dec 2019 4:48

Tgt Ion:164 Resp: 14622
 Ion Ratio Lower Upper
 164 100
 162 100.7 81.4 122.0
 160 46.0 39.4 59.0

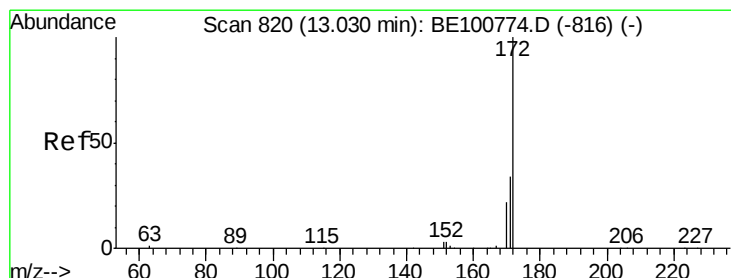
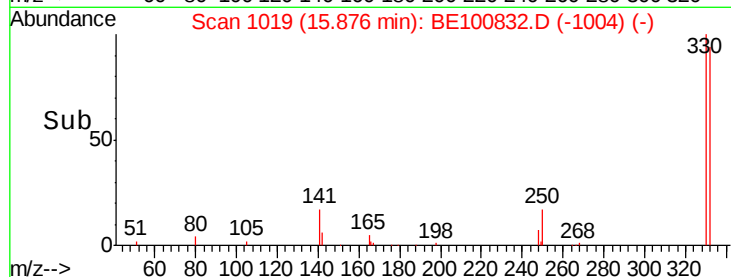
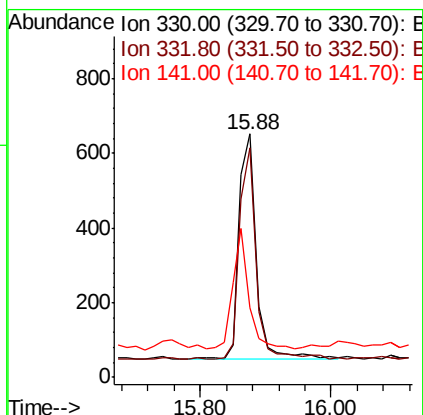
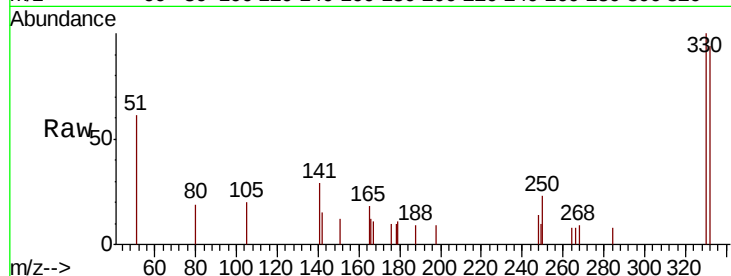




#14
 2,4,6-Tribromophenol
 Concen: 0.684 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BE100832.D
 Acq: 11 Dec 2019 4:48

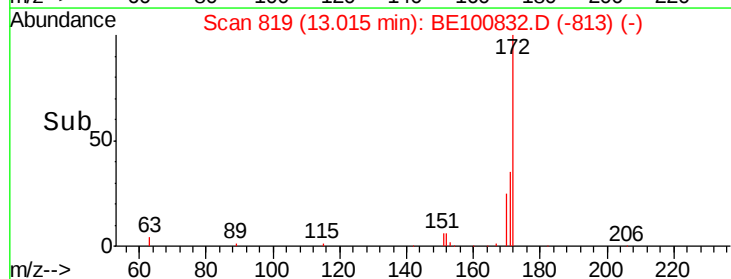
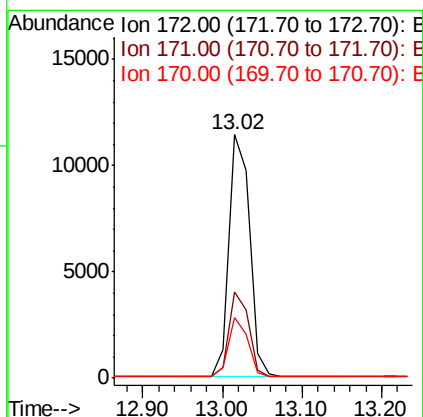
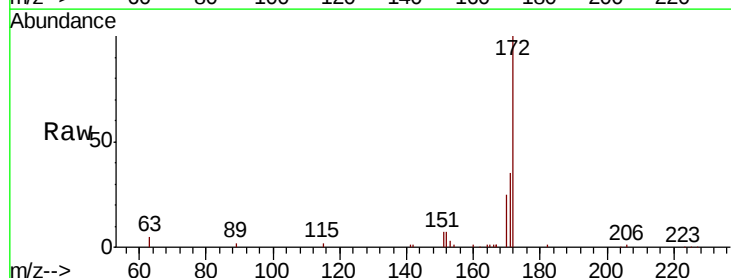
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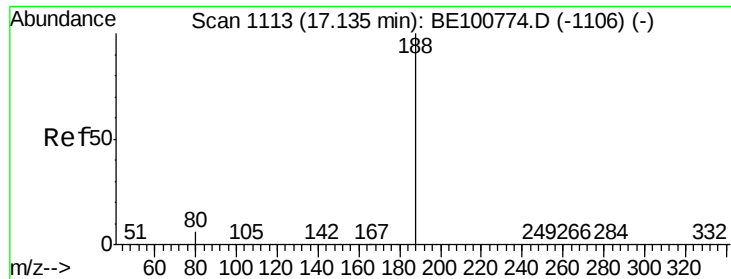
Tot Ion:330 Resp: 1112
 Ion Ratio Lower Upper
 330 100
 332 93.3 69.4 104.2
 141 49.4 51.1 76.7#



#15
 2-Fluorobiphenyl
 Concen: 0.356 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE100832.D
 Acq: 11 Dec 2019 4:48

Tgt Ion:172 Resp: 20656
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.2 40.8
 170 25.0 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: BE100832.D

Acq: 11 Dec 2019 4:48

Instrument :

BNA_E

ClientSampleId :

RE103D1-20191204

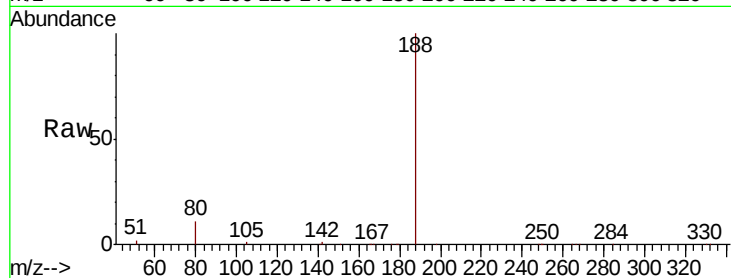
Tot Ion:188 Resp: 35796

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

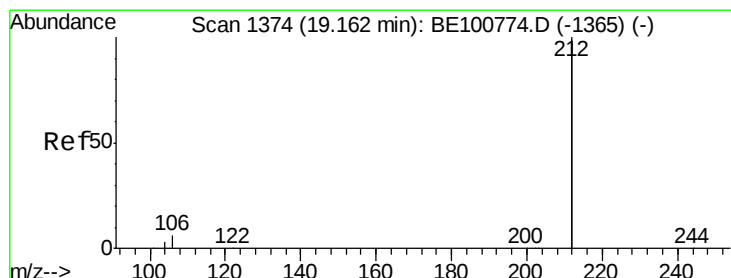
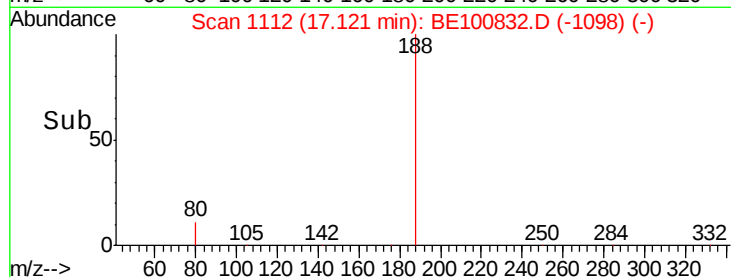
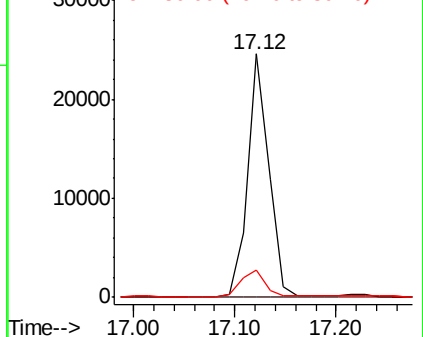
80 11.2 5.2 7.8#



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: 0.354 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100832.D

Acq: 11 Dec 2019 4:48

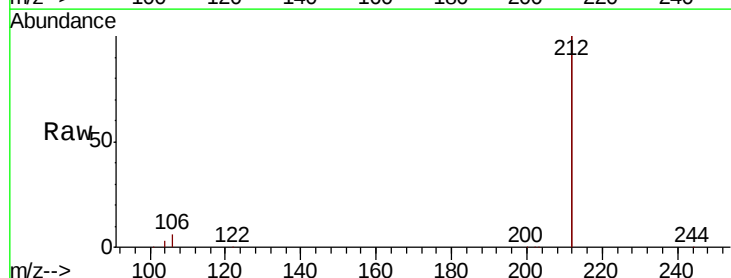
Tgt Ion:212 Resp: 149897

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

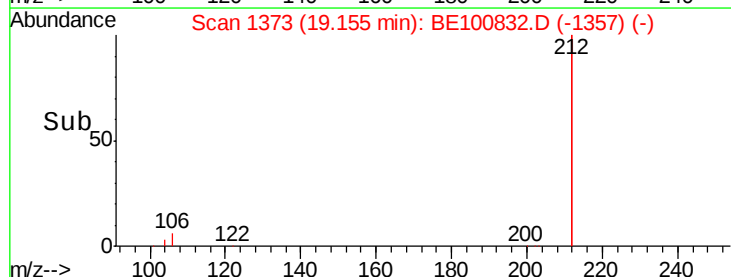
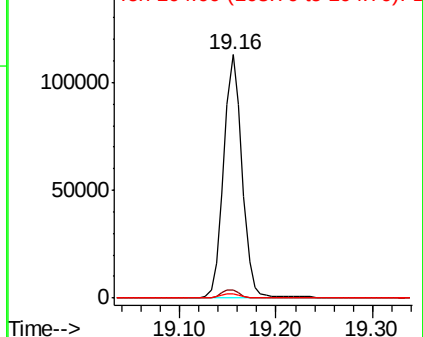
104 1.8 1.4 2.2

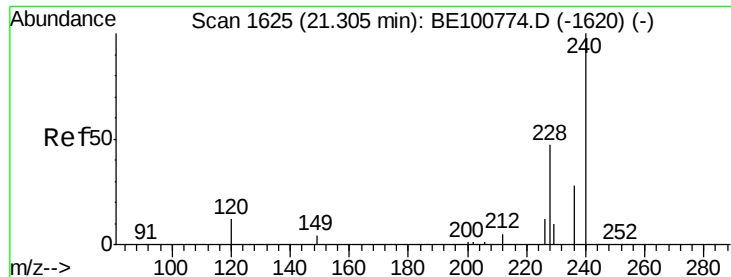


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE100832.D

Acq: 11 Dec 2019 4:48

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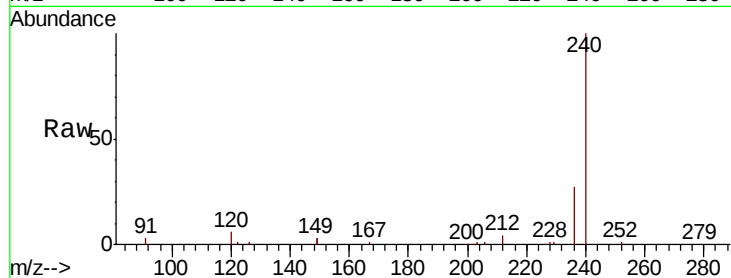
Tot Ion:240 Resp: 30295

Ion Ratio Lower Upper

240 100

120 6.4 10.2 15.2#

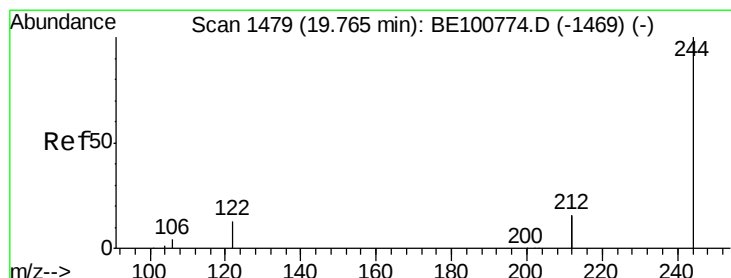
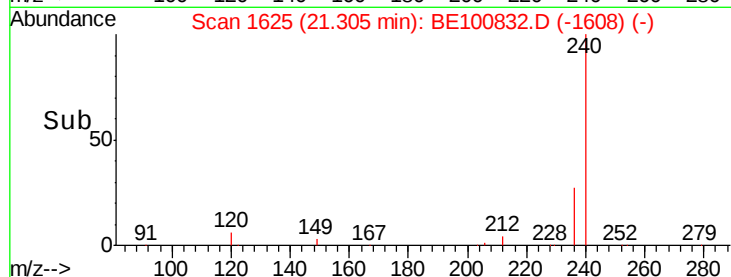
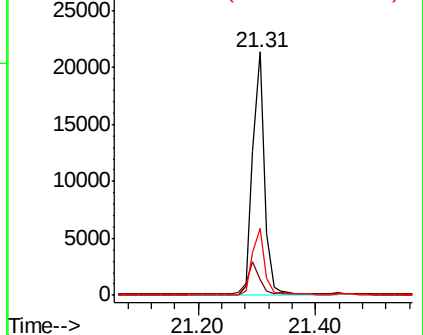
236 27.4 22.3 33.5



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: 0.402 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100832.D

Acq: 11 Dec 2019 4:48

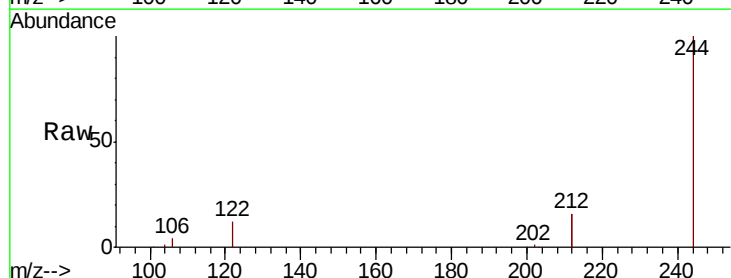
Tgt Ion:244 Resp: 29158

Ion Ratio Lower Upper

244 100

212 32.0 26.2 39.4

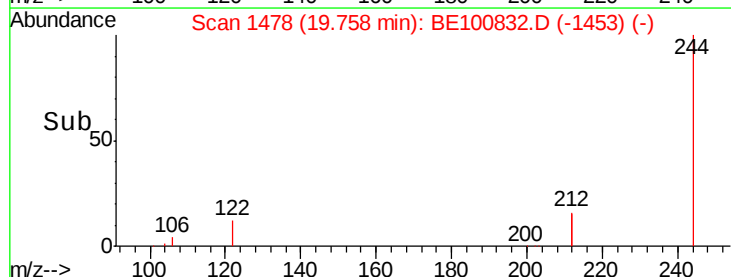
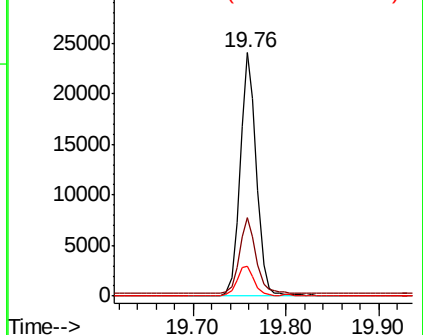
122 12.1 10.2 15.4

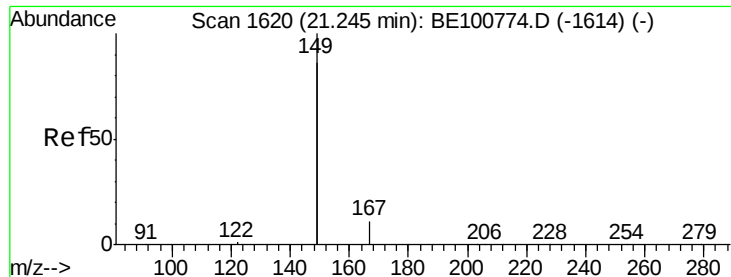


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

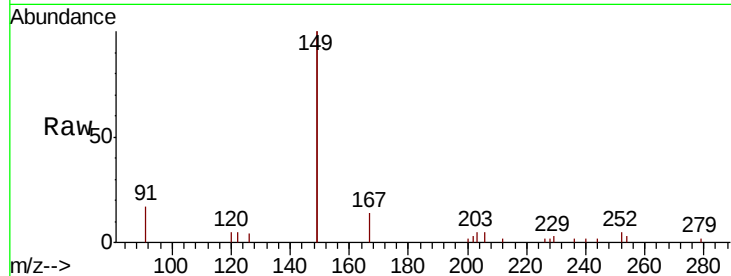




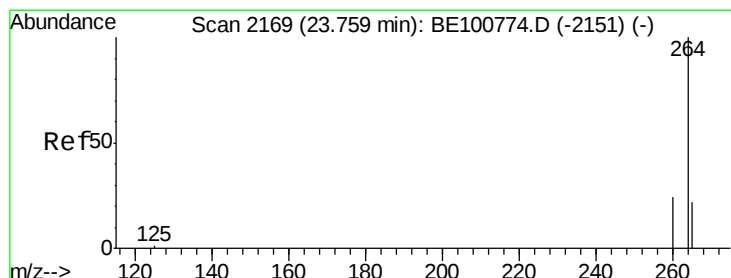
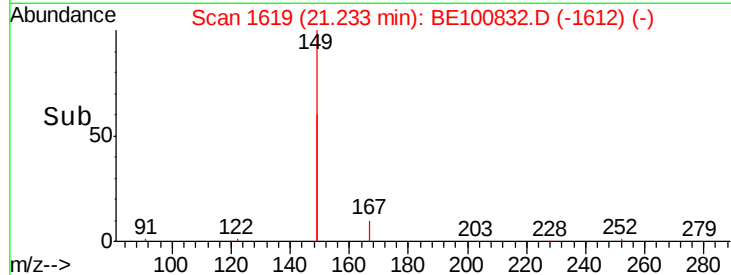
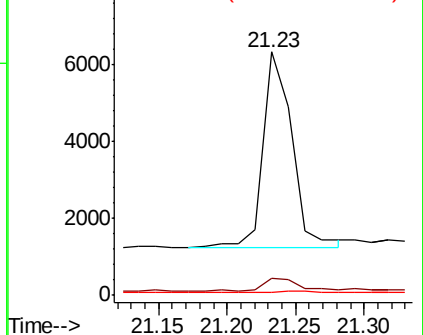
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.068 ng
 RT: 21.23 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BE100832.D
 Acq: 11 Dec 2019 4:48

Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-20191204

Tot Ion:149 Resp: 7543
 Ion Ratio Lower Upper
 149 100
 167 7.6 5.0 7.6#
 279 0.9 0.7 1.1

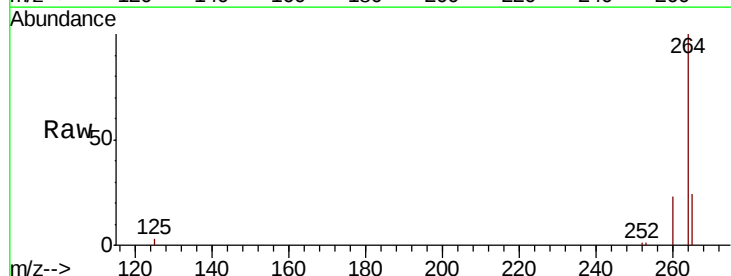


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.75 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BE100832.D
 Acq: 11 Dec 2019 4:48

Tgt Ion:264 Resp: 35407
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 24.2 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

