

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
 Data File : BE100989.D
 Acq On : 27 Dec 2019 12:31
 Operator : JU
 Sample : K6392-02DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-2DL

Quant Time: Dec 27 22:43:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 17:39:05 2019
 Response via : Initial Calibration

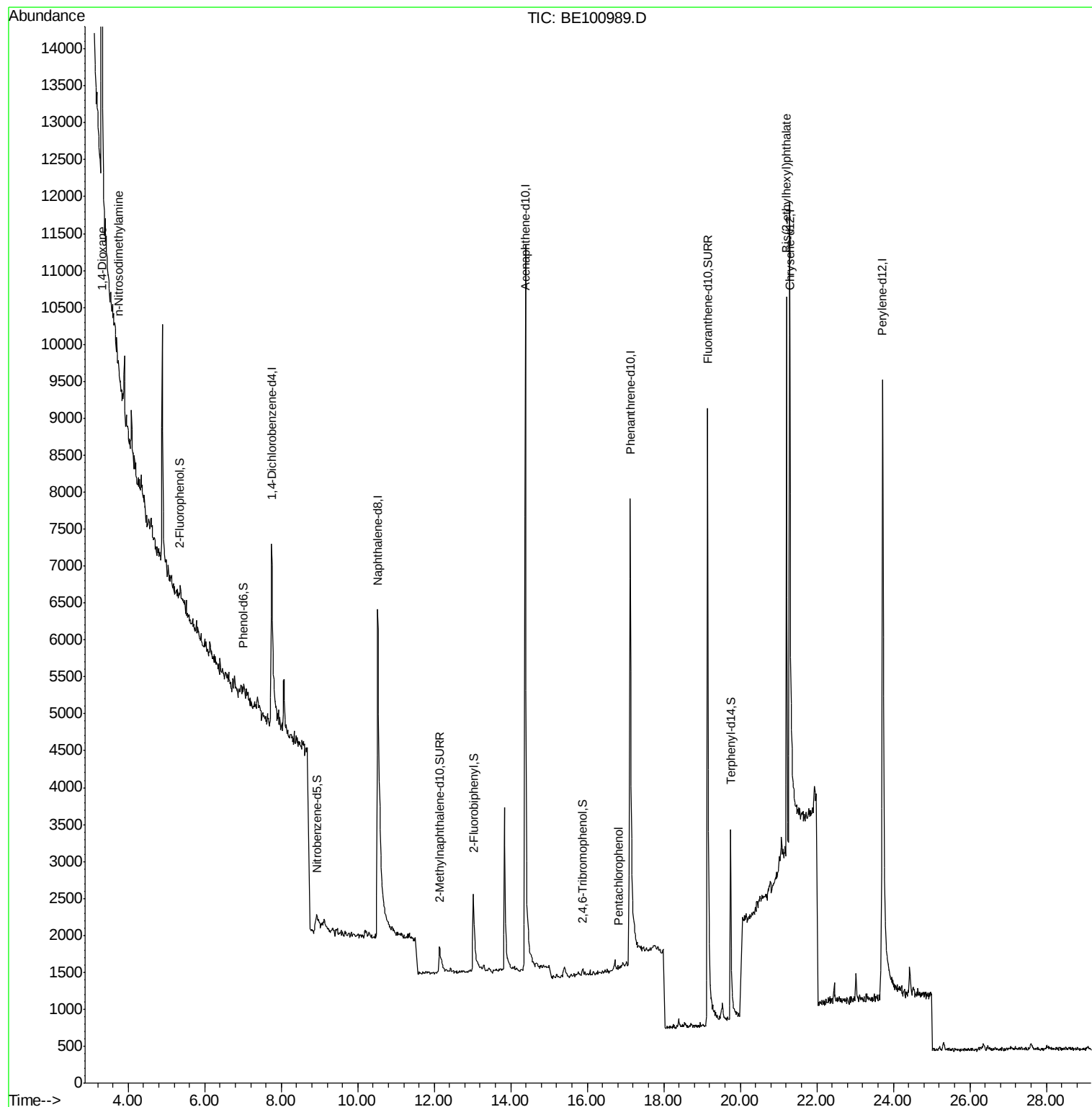
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2283	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	11205	0.40	ng	0.01
13) Acenaphthene-d10	14.38	164	7884	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	18538	0.40	ng	0.00
27) Chrysene-d12	21.29	240	16109	0.40	ng	0.00
34) Perylene-d12	23.72	264	18700	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	180	0.05	ng	-0.01
5) Phenol-d6	7.00	99	64	0.21	ng	0.01
8) Nitrobenzene-d5	8.94	82	320	0.25	ng	0.03
11) 2-Methylnaphthalene-d10	12.13	152	1425	0.09	ng	0.01
14) 2,4,6-Tribromophenol	15.88	330	101	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	2608	0.09	ng	0.01
25) Fluoranthene-d10	19.14	212	17288	0.08	ng	0.00
29) Terphenyl-d14	19.75	244	3867	0.10	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.31	88	10105	2.062	ng	# 76
3) n-Nitrosodimethylamine	3.75	42	91	0.352	ng	# 1
22) Pentachlorophenol	16.81	266	19	0.113	ng	87
32) Bis(2-ethylhexyl)phthalate	21.21	149	8374	0.106	ng	# 98

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

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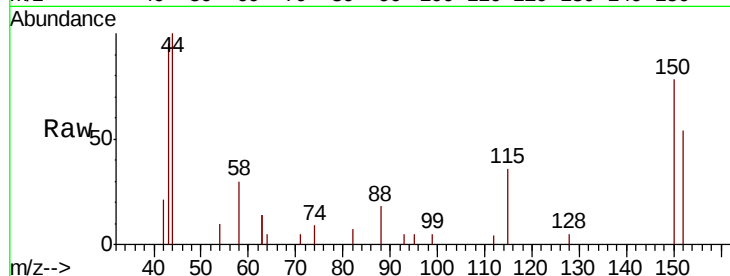


#1

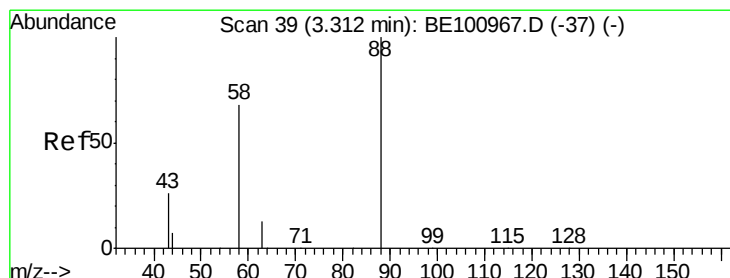
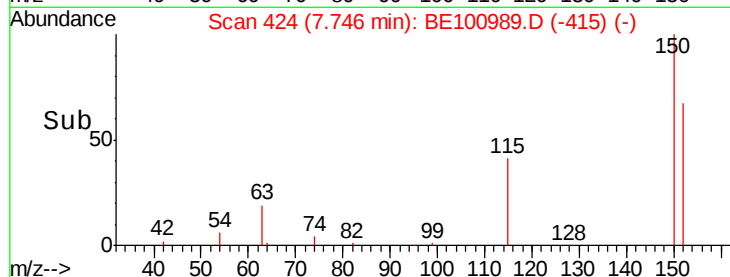
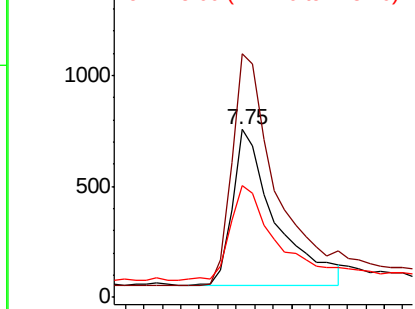
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100989.D
Acq: 27 Dec 2019 12:31

Instrument :
BNA_E
ClientSampled :
MW-2DL

Tot Ion:152 Resp: 2283
Ion Ratio Lower Upper
152 100
150 145.0 132.6 199.0
115 66.7 64.1 96.1



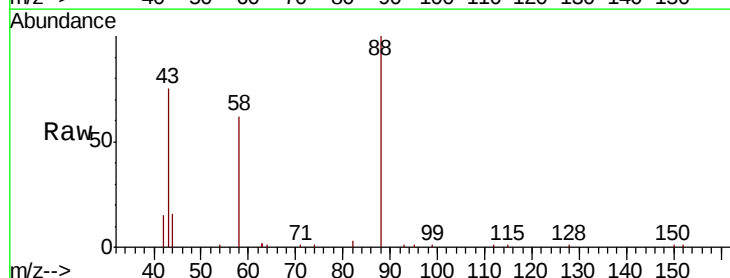
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



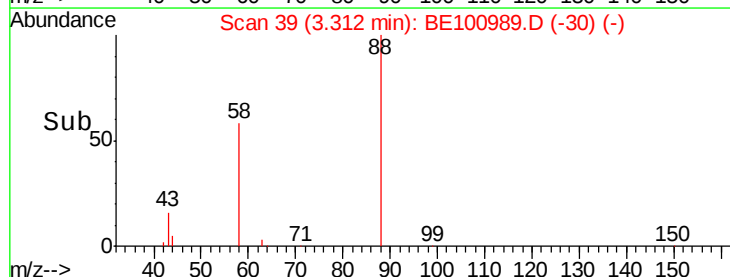
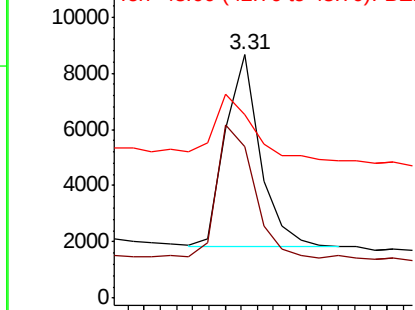
#2

1,4-Dioxane
Concen: 2.062 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100989.D
Acq: 27 Dec 2019 12:31

Tgt Ion: 88 Resp: 10105
Ion Ratio Lower Upper
88 100
58 73.4 44.2 66.4#
43 37.3 21.0 31.6#



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: 0.352 ng

RT: 3.75 min Scan# 77

Delta R.T. 0.08 min

Lab File: BE100989.D

Acq: 27 Dec 2019 12:31

Instrument :

BNA_E

ClientSampled :

MW-2DL

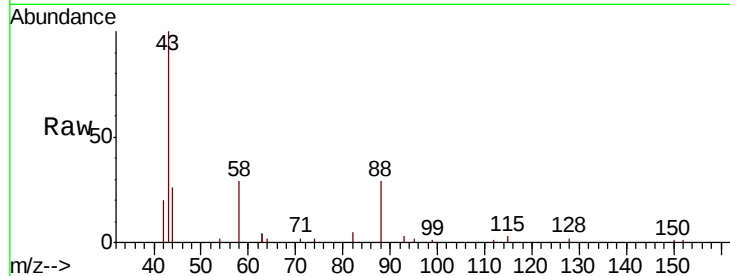
Tot Ion: 42 Resp: 91

Ion Ratio Lower Upper

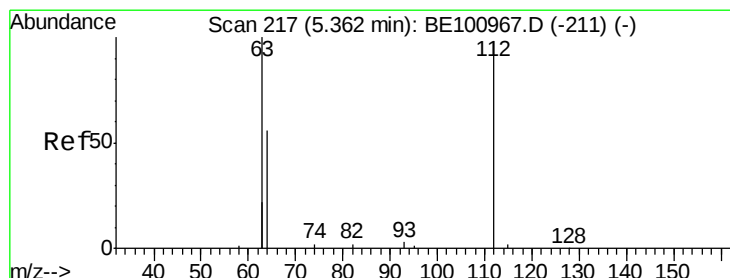
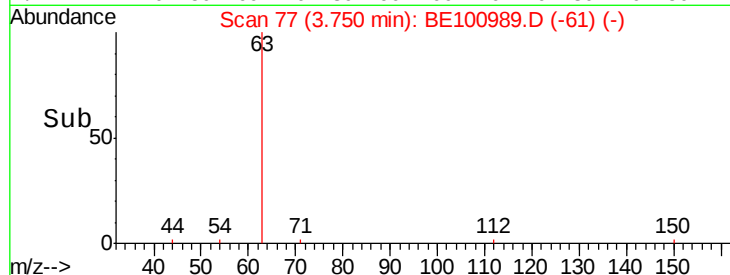
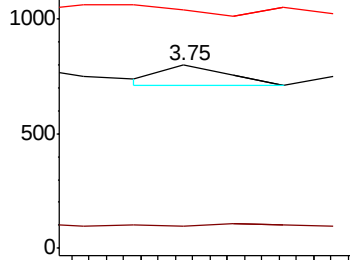
42 100

74 0.0 116.6 174.8#

44 0.0 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: 0.047 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100989.D

Acq: 27 Dec 2019 12:31

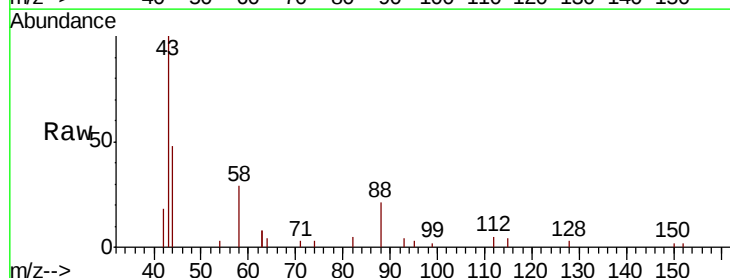
Tgt Ion: 112 Resp: 180

Ion Ratio Lower Upper

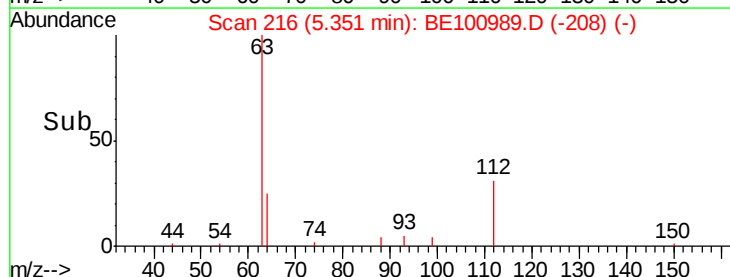
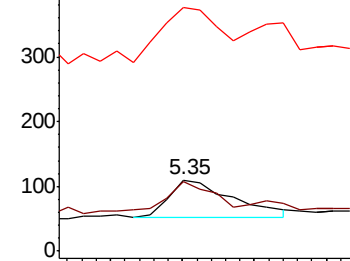
112 100

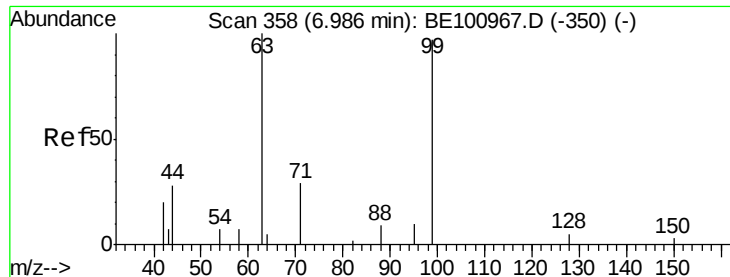
64 56.7 59.0 88.6#

63 130.6 121.4 182.0



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: 0.212 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE100989.D

Acq: 27 Dec 2019 12:31

Instrument :

BNA_E

ClientSampleId :

MW-2DL

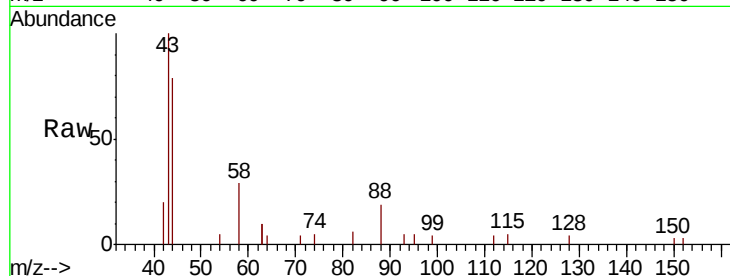
Tot Ion: 99 Resp: 64

Ion Ratio Lower Upper

99 100

42 70.3 0.0 0.0#

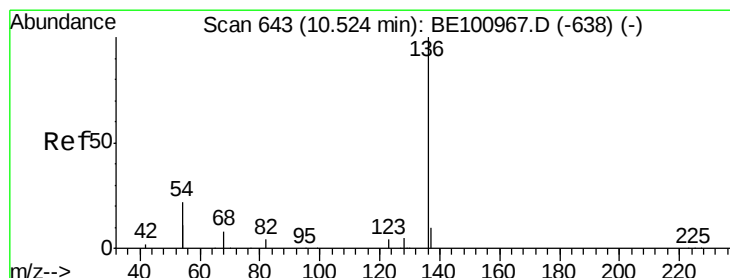
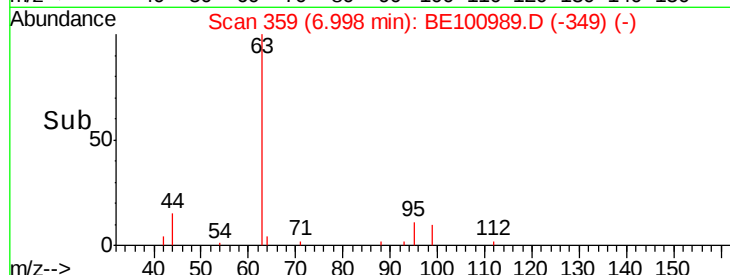
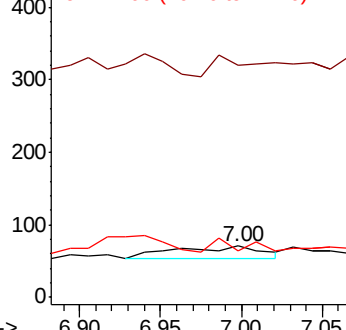
71 46.9 0.0 0.0#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.01 min

Lab File: BE100989.D

Acq: 27 Dec 2019 12:31

Tgt Ion: 136 Resp: 11205

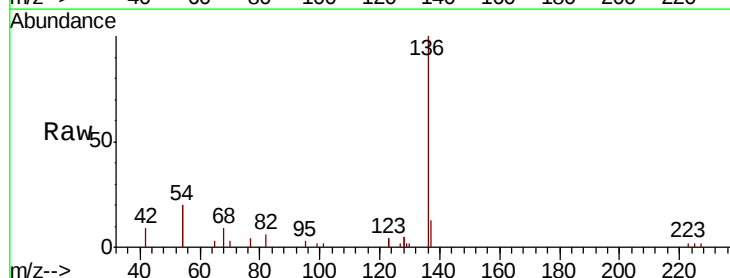
Ion Ratio Lower Upper

136 100

137 13.0 9.0 13.6

54 40.4 34.4 51.6

68 9.5 7.8 11.6

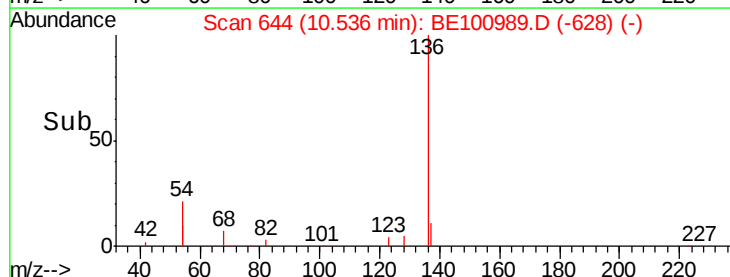
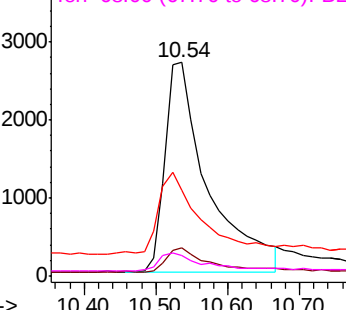


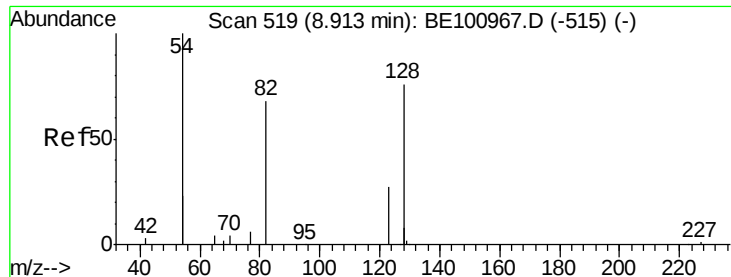
Abundance Ion 136.00 (135.70 to 136.70): E

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

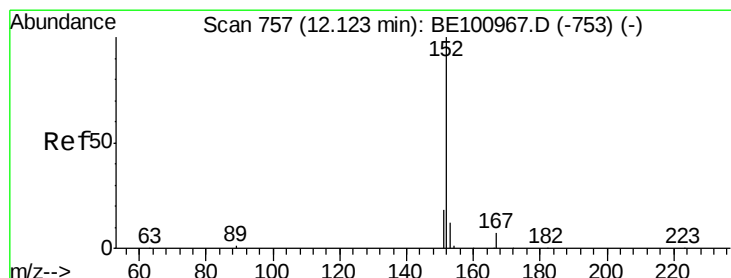
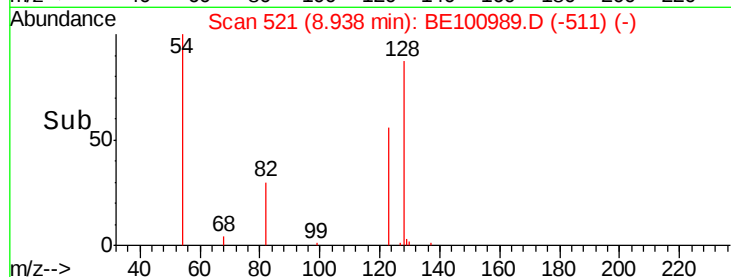
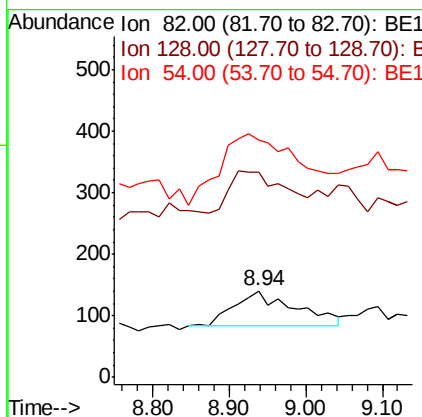
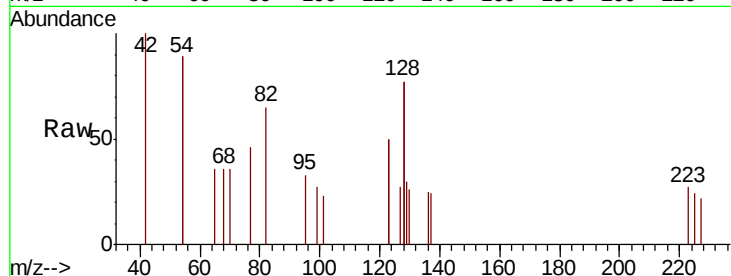




#8
 Nitrobenzene-d5
 Concen: 0.249 ng
 RT: 8.94 min Scan# 521
 Delta R.T. 0.03 min
 Lab File: BE100989.D
 Acq: 27 Dec 2019 12:31

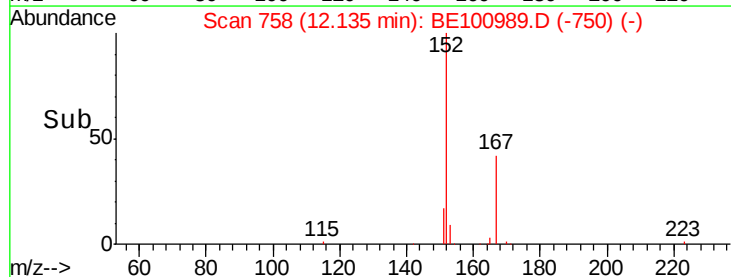
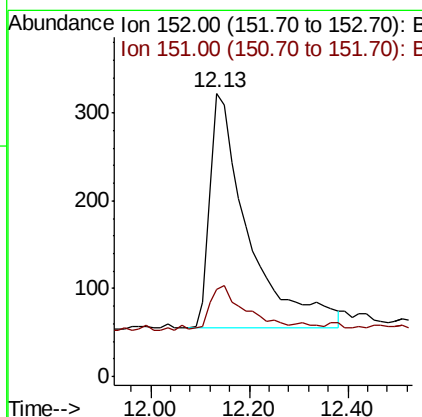
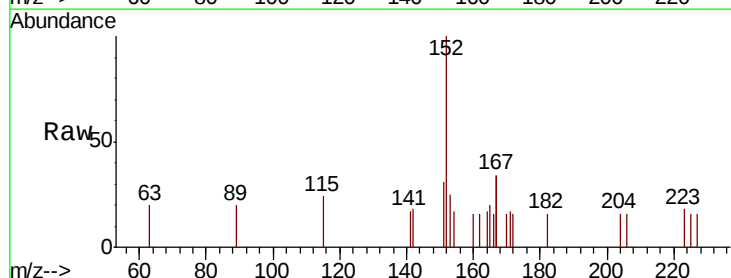
Instrument :
 BNA_E
 ClientSampleId :
 MW-2DL

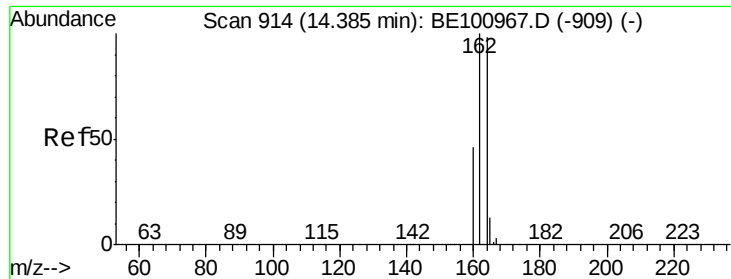
Tot Ion: 82 Resp: 320
 Ion Ratio Lower Upper
 82 100
 128 236.9 140.2 210.2#
 54 273.8 183.8 275.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.087 ng
 RT: 12.13 min Scan# 758
 Delta R.T. 0.01 min
 Lab File: BE100989.D
 Acq: 27 Dec 2019 12:31

Tgt Ion: 152 Resp: 1425
 Ion Ratio Lower Upper
 152 100
 151 16.7 15.1 22.7

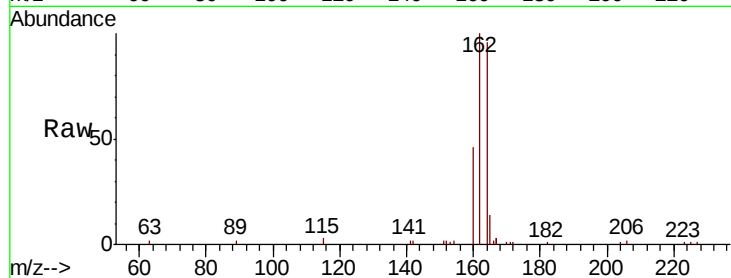




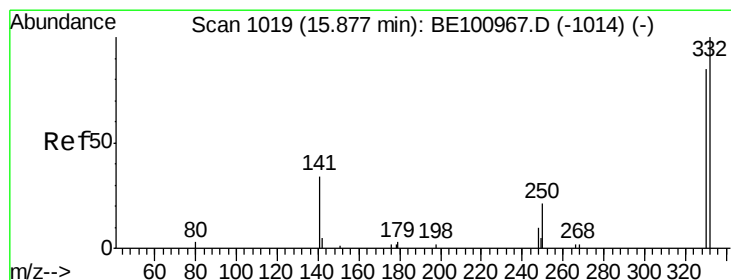
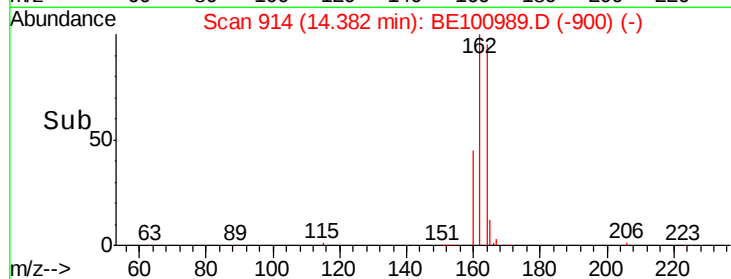
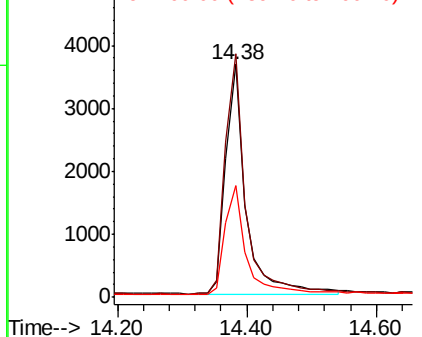
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100989.D
Acq: 27 Dec 2019 12:31

Instrument :
BNA_E
ClientSampleId :
MW-2DL

Tot Ion:164 Resp: 7884
Ion Ratio Lower Upper
164 100
162 104.6 81.6 122.4
160 48.1 37.7 56.5

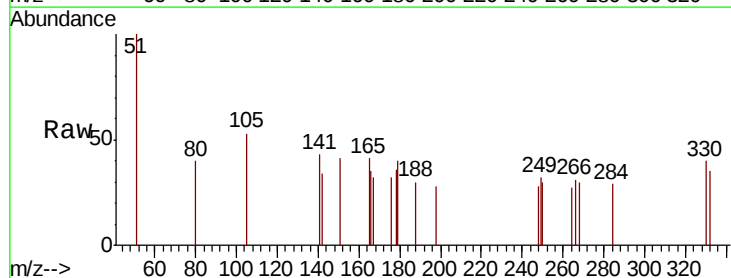


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

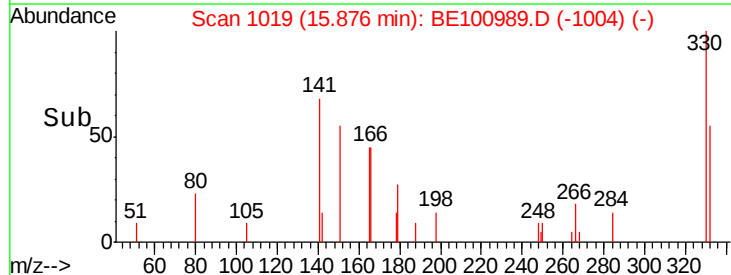
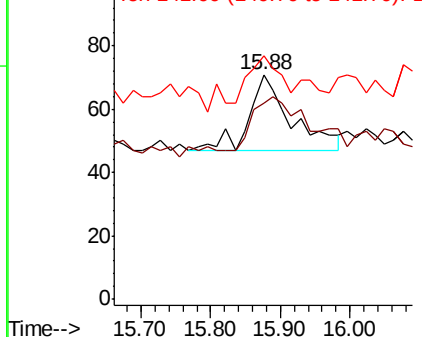


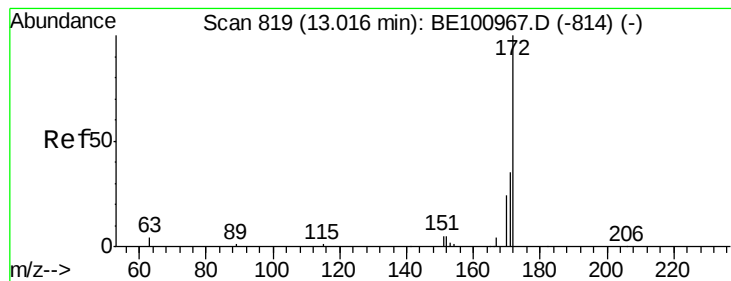
#14
2,4,6-Tribromophenol
Concen: 0.268 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100989.D
Acq: 27 Dec 2019 12:31

Tgt Ion:330 Resp: 101
Ion Ratio Lower Upper
330 100
332 97.0 72.4 108.6
141 47.5 25.4 38.2#



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

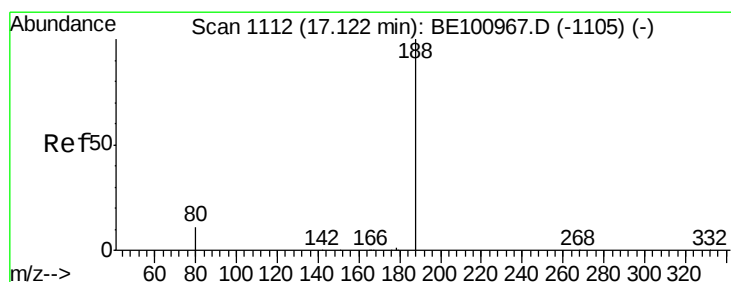
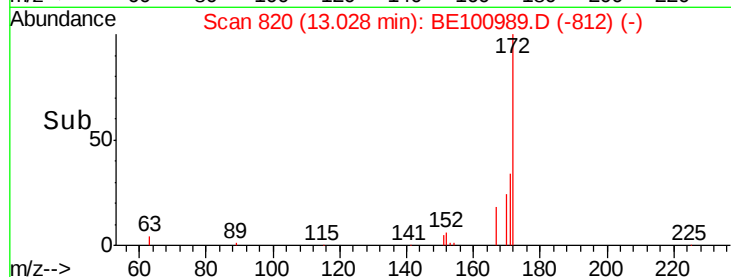
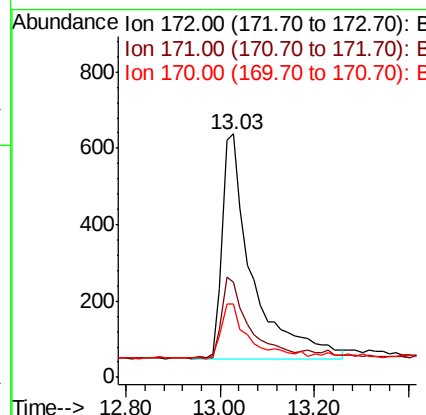
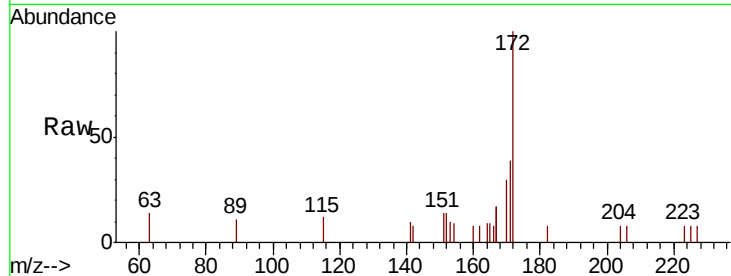




#15
2-Fluorobiphenyl
Concen: 0.093 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.01 min
Lab File: BE100989.D
Acq: 27 Dec 2019 12:31

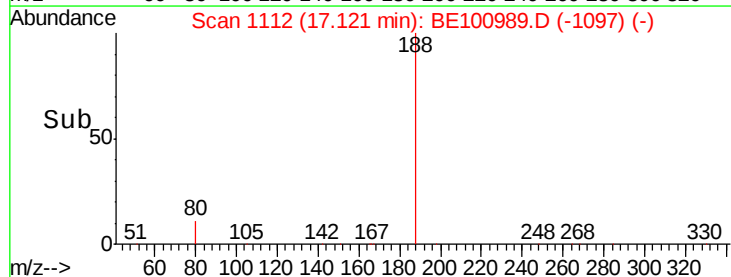
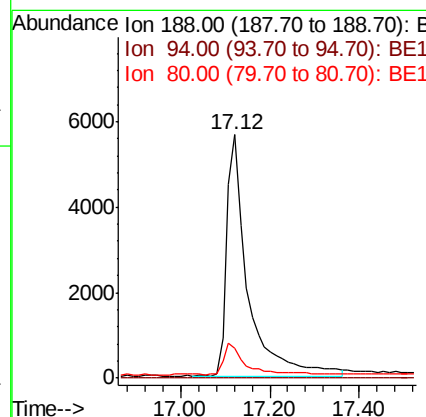
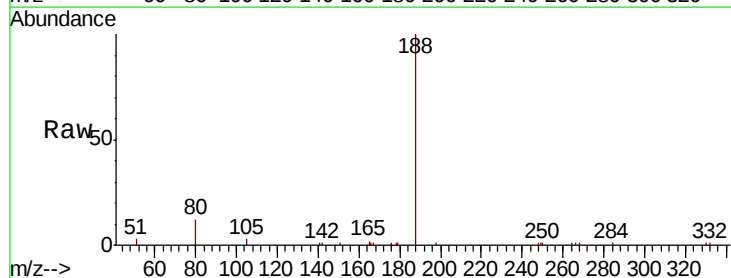
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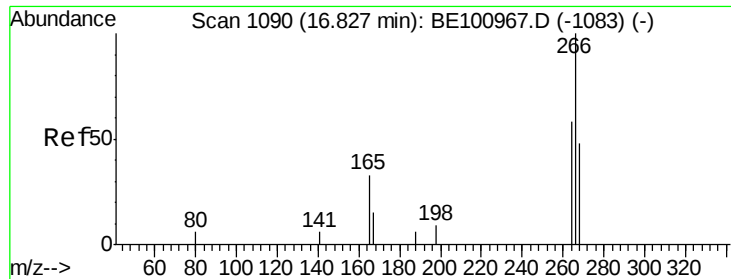
Tot Ion:172 Resp: 2608
Ion Ratio Lower Upper
172 100
171 38.9 29.0 43.6
170 30.1 20.0 30.0#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE100989.D
Acq: 27 Dec 2019 12:31

Tgt Ion:188 Resp: 18538
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 9.7 14.5





#22

Pentachlorophenol

Concen: 0.113 ng

RT: 16.81 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BE100989.D

Acq: 27 Dec 2019 12:31

Instrument :

BNA_E

ClientSampleId :

MW-2DL

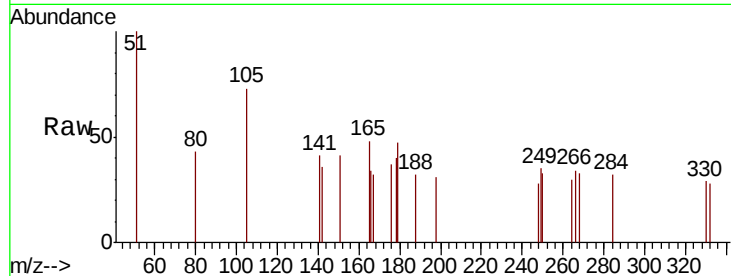
Tot Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

264 87.7 62.3 93.5

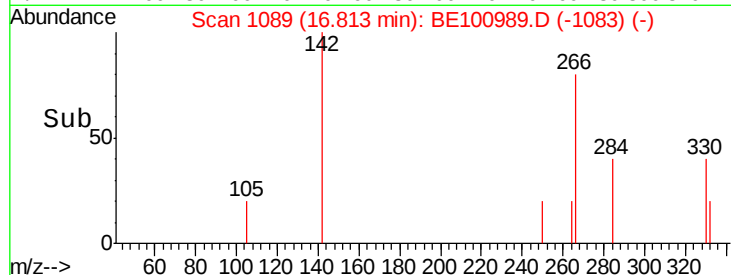
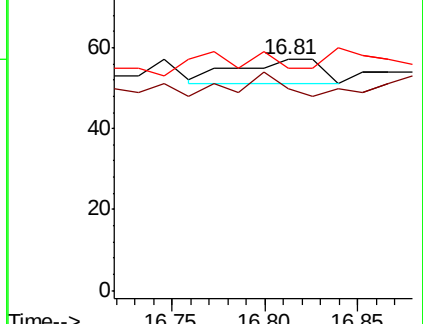
268 96.5 66.1 99.1



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: 0.077 ng

RT: 19.14 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE100989.D

Acq: 27 Dec 2019 12:31

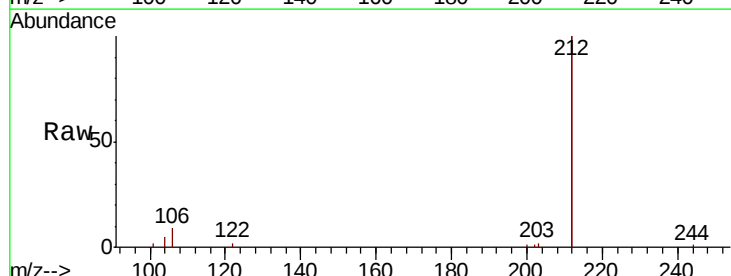
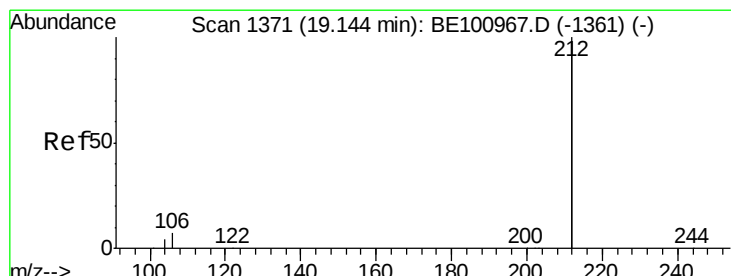
Tgt Ion:212 Resp: 17288

Ion Ratio Lower Upper

212 100

106 3.6 2.4 3.6#

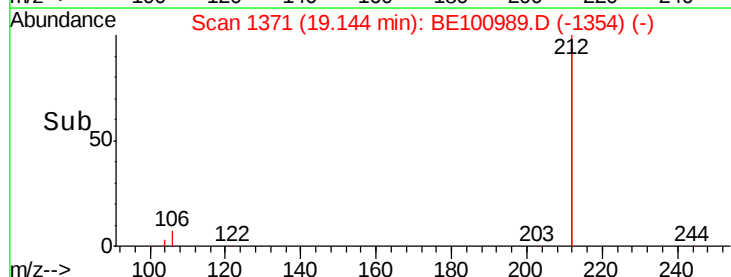
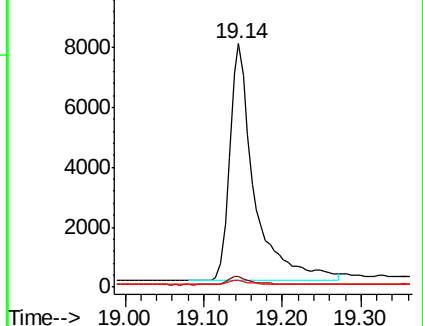
104 2.1 1.4 2.0#

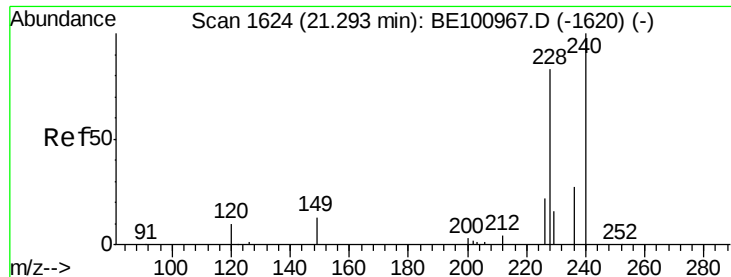


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100989.D

Acq: 27 Dec 2019 12:31

Instrument :

BNA_E

ClientSampleId :

MW-2DL

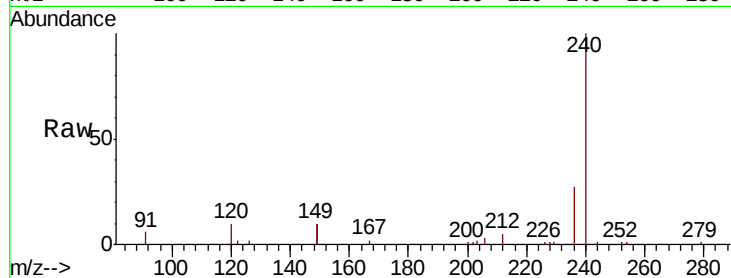
Tot Ion:240 Resp: 16109

Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4#

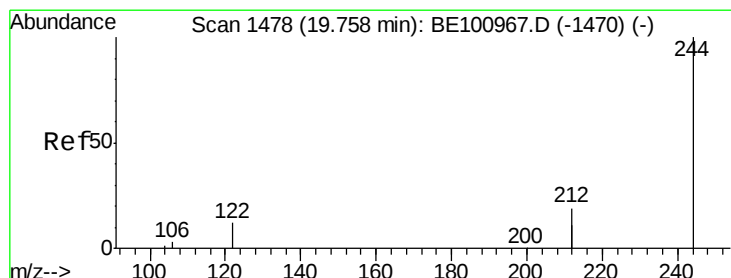
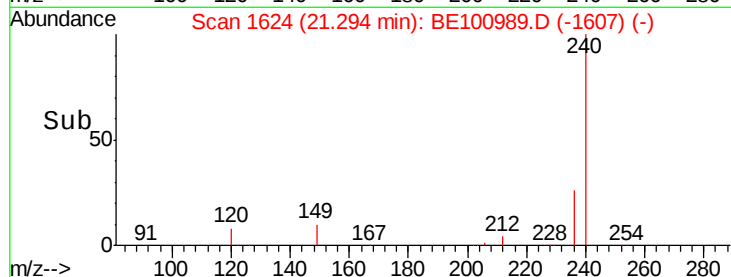
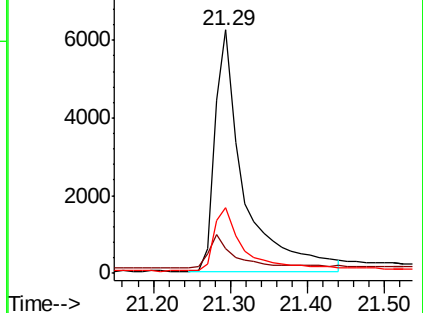
236 27.2 22.6 34.0



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: 0.104 ng

RT: 19.75 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BE100989.D

Acq: 27 Dec 2019 12:31

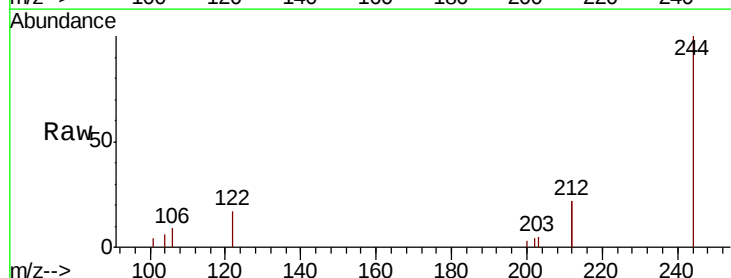
Tgt Ion:244 Resp: 3867

Ion Ratio Lower Upper

244 100

212 43.8 29.3 43.9

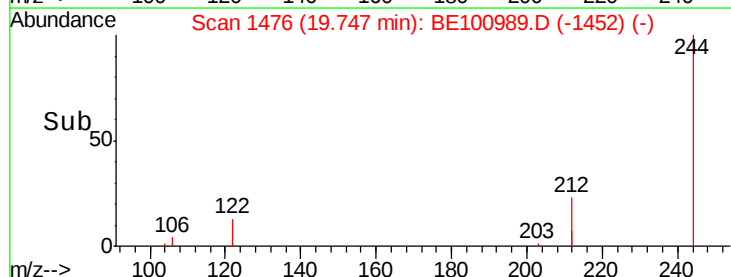
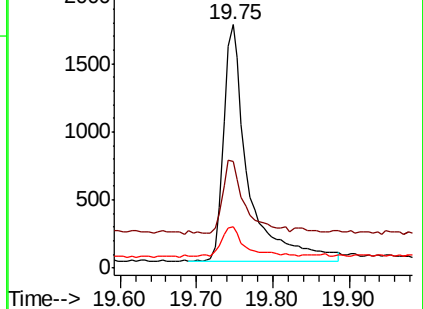
122 17.1 10.2 15.4#

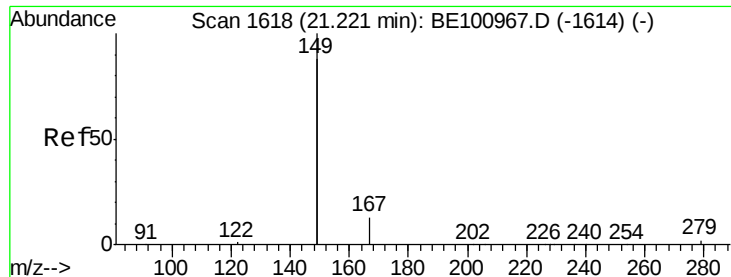


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.106 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100989.D

Acq: 27 Dec 2019 12:31

Instrument :

BNA_E

ClientSampleId :

MW-2DL

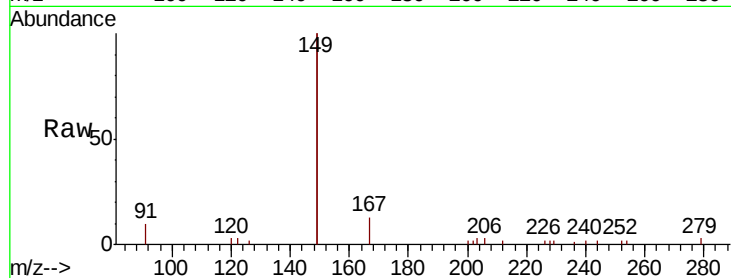
Tot Ion:149 Resp: 8374

Ion Ratio Lower Upper

149 100

167 7.0 5.1 7.7

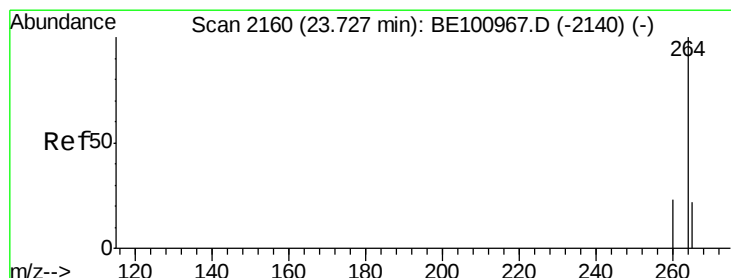
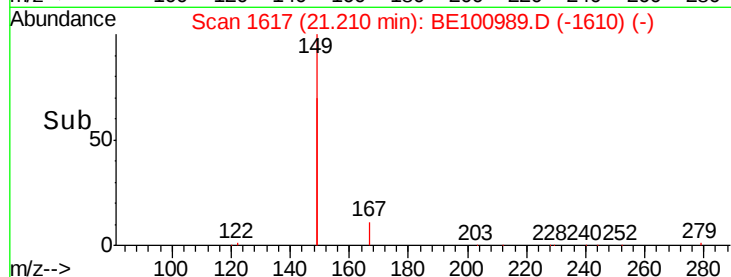
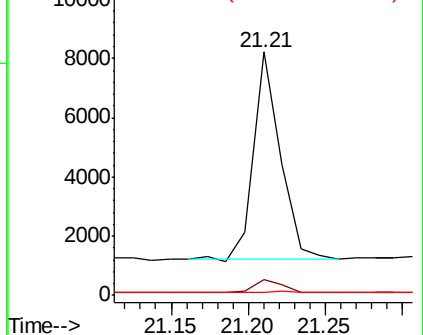
279 1.0 0.6 1.0#



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: 23.72 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BE100989.D

Acq: 27 Dec 2019 12:31

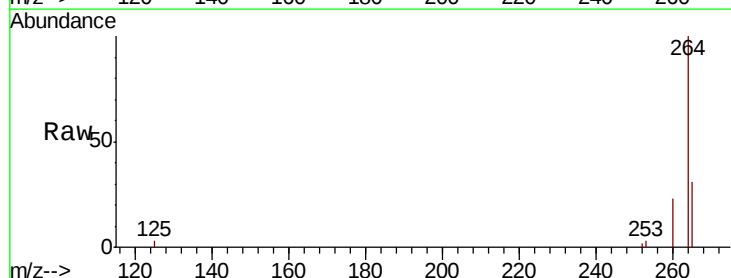
Tgt Ion:264 Resp: 18700

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 31.1 26.6 40.0



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

