

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
 Data File : BE101036.D
 Acq On : 13 Jan 2020 11:38
 Operator : JU
 Sample : PB125976BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 13 14:09:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

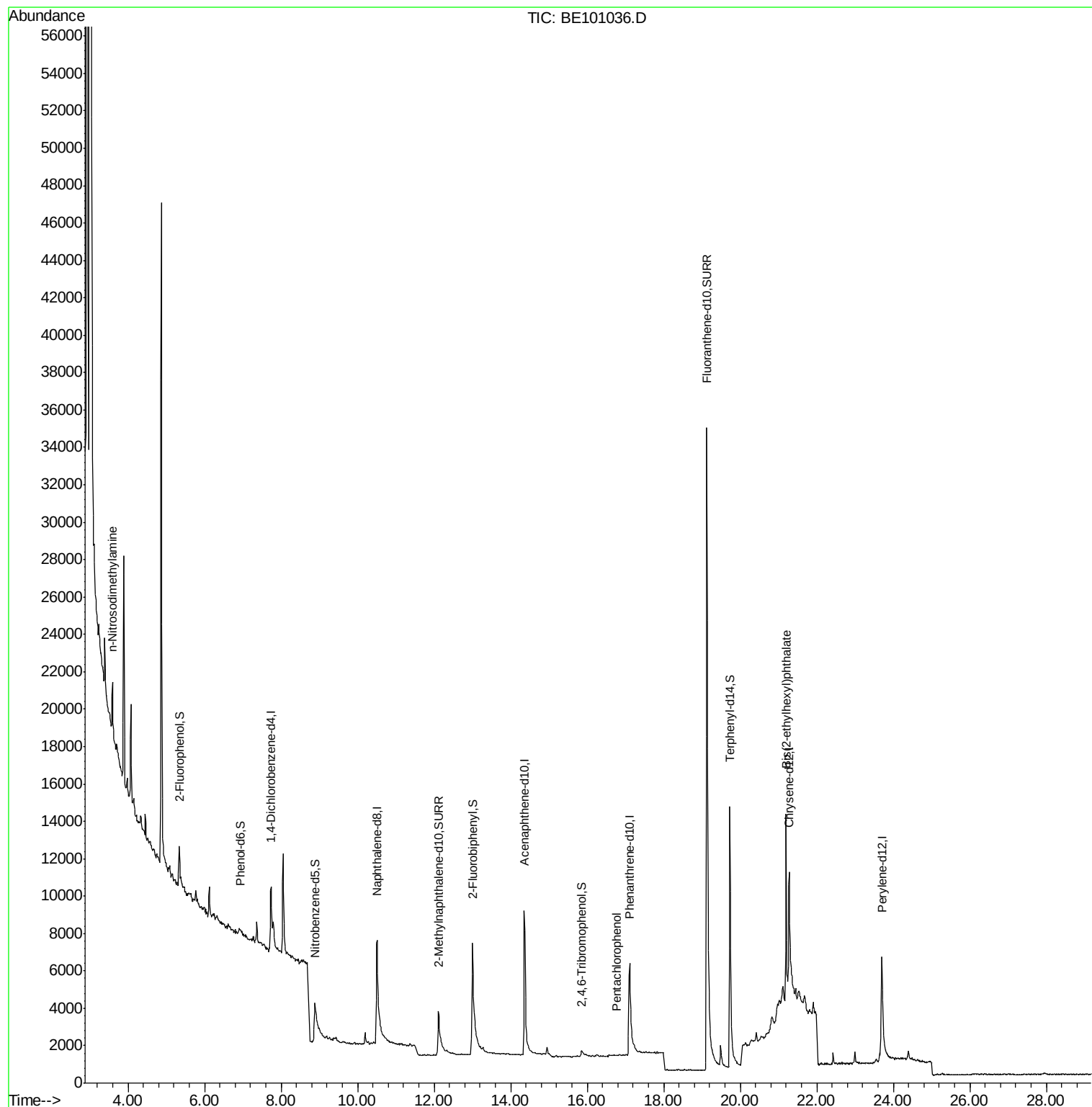
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3037	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	13403	0.40	ng	0.01
13) Acenaphthene-d10	14.36	164	7762	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	16702	0.40	ng	0.01
27) Chrysene-d12	21.28	240	14583	0.40	ng	0.00
34) Perylene-d12	23.70	264	14054	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1568	0.23	ng	0.00
5) Phenol-d6	6.94	99	911	0.11	ng	0.02
8) Nitrobenzene-d5	8.89	82	2503	0.26	ng	0.01
11) 2-Methylnaphthalene-d10	12.11	152	8452	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	409	0.19	ng	0.01
15) 2-Fluorobiphenyl	13.00	172	15391	0.52	ng	0.00
25) Fluoranthene-d10	19.13	212	83959	0.36	ng	0.00
29) Terphenyl-d14	19.73	244	20666	0.58	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.58	42	603	0.143	ng	# 1
22) Pentachlorophenol	16.76	266	22	0.257	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.20	149	12775	0.184	ng	# 98

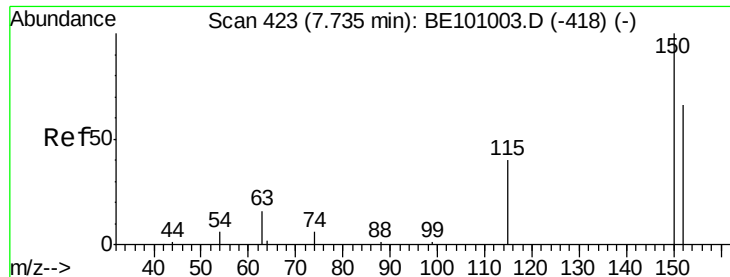
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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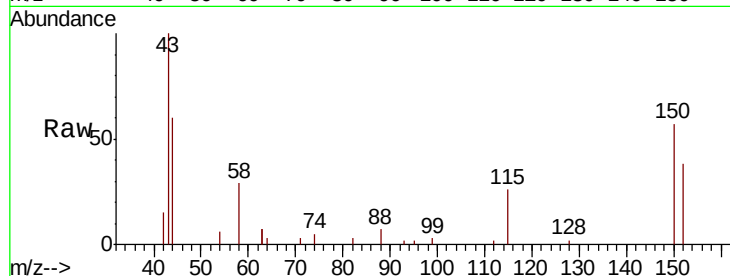


#1

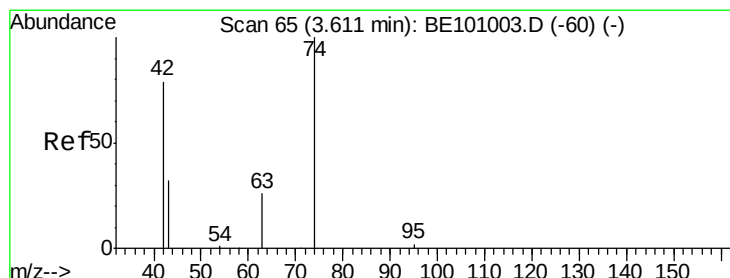
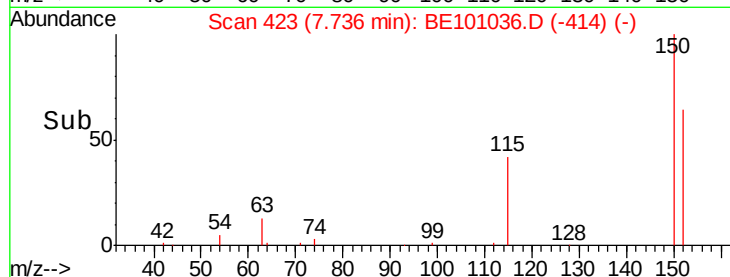
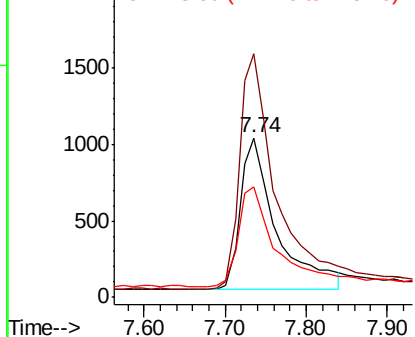
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101036.D
Acq: 13 Jan 2020 11:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3037
Ion Ratio Lower Upper
152 100
150 152.6 120.3 180.5
115 69.0 51.7 77.5



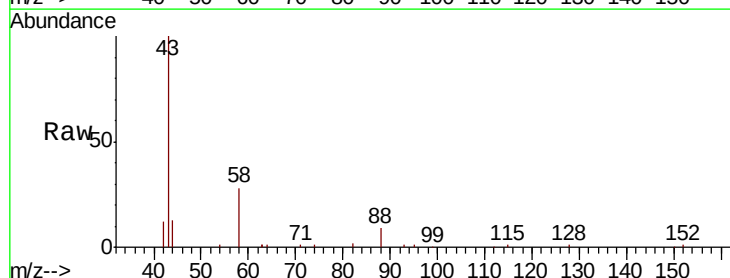
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



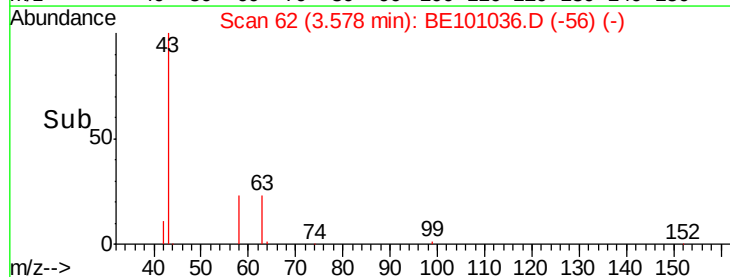
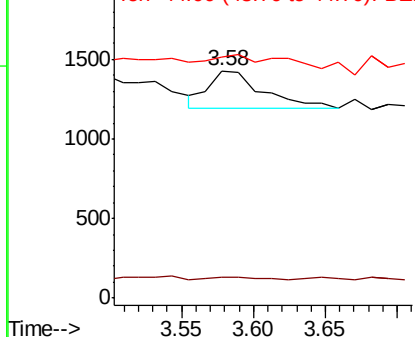
#3

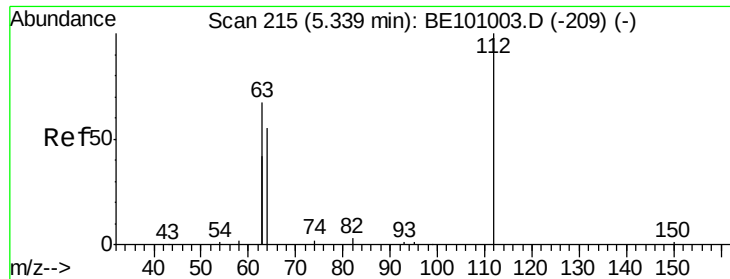
n-Nitrosodimethylamine
Concen: 0.143 ng
RT: 3.58 min Scan# 62
Delta R.T. -0.03 min
Lab File: BE101036.D
Acq: 13 Jan 2020 11:38

Tgt Ion: 42 Resp: 603
Ion Ratio Lower Upper
42 100
74 8.1 105.7 158.5#
44 38.0 10.0 15.0#



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: 0.229 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101036.D

Acq: 13 Jan 2020 11:38

Instrument :

BNA_E

ClientSampleId :

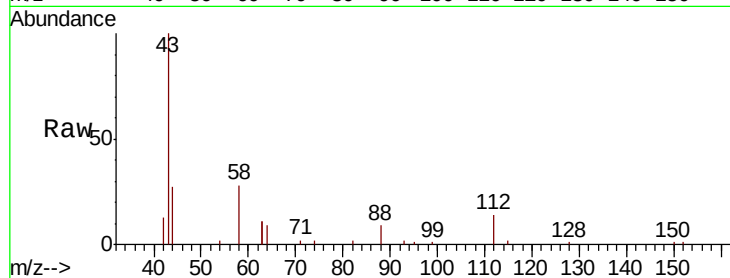
Tot Ion: 112 Resp: 1568

Ion Ratio Lower Upper

112 100

64 66.7 53.6 80.4

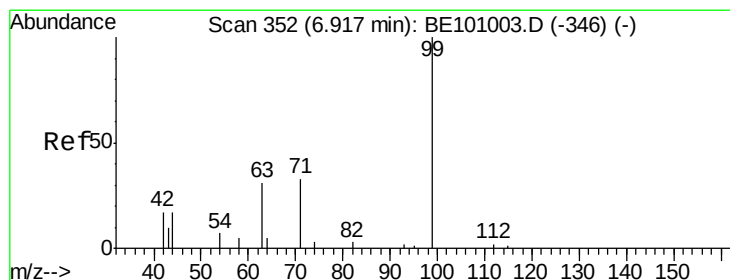
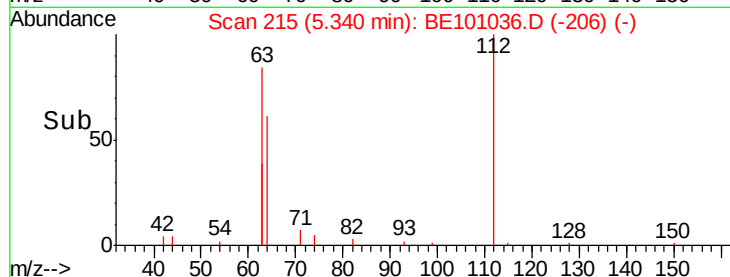
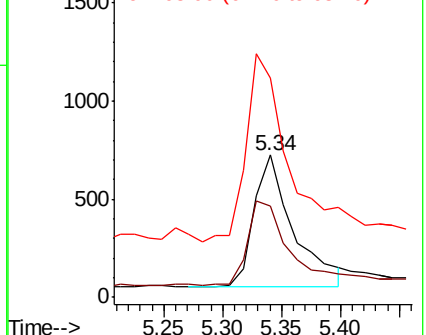
63 146.6 114.6 172.0



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: 0.105 ng

RT: 6.94 min Scan# 354

Delta R.T. 0.02 min

Lab File: BE101036.D

Acq: 13 Jan 2020 11:38

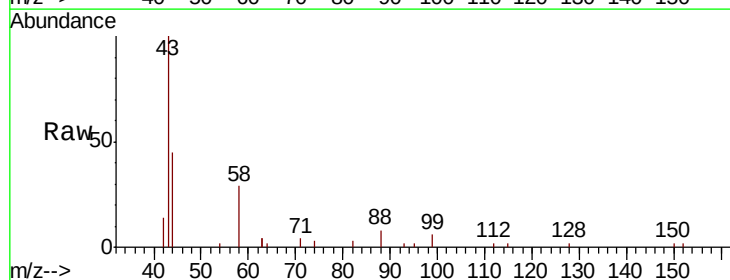
Tgt Ion: 99 Resp: 911

Ion Ratio Lower Upper

99 100

42 0.0 18.3 27.5#

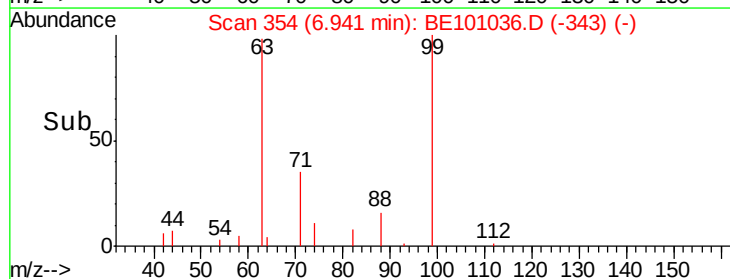
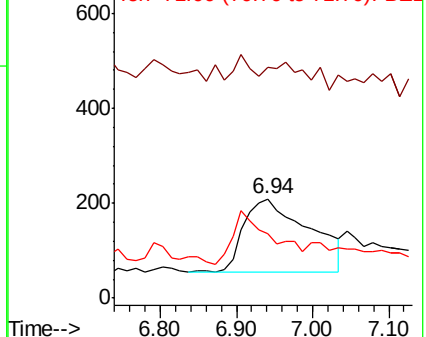
71 0.0 28.0 42.0#

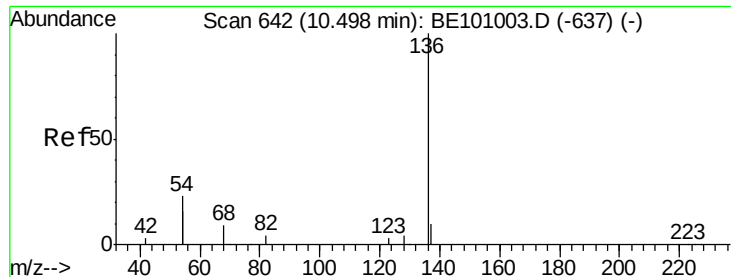


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101036.D

Acq: 13 Jan 2020 11:38

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 13403

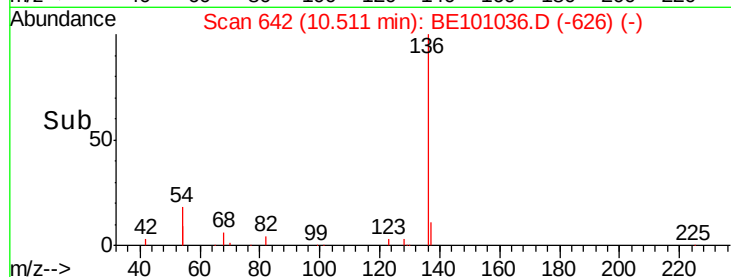
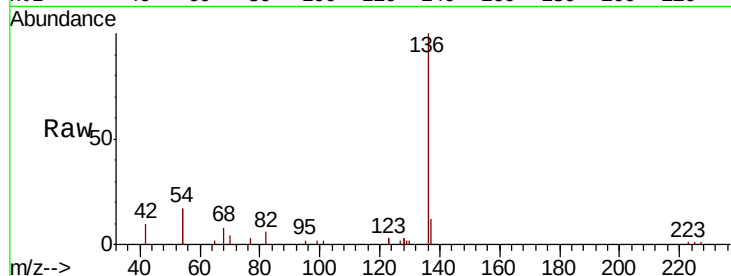
Ion Ratio Lower Upper

136 100

137 12.4 9.3 13.9

54 34.9 36.8 55.2#

68 8.3 8.4 12.6#

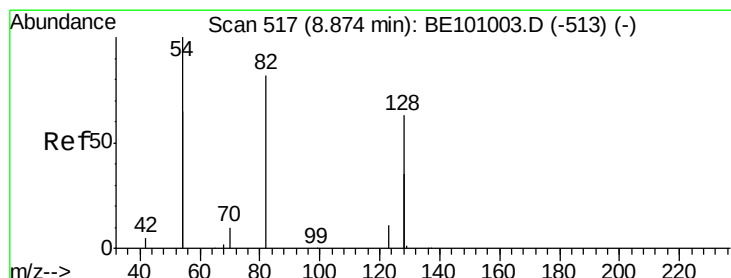
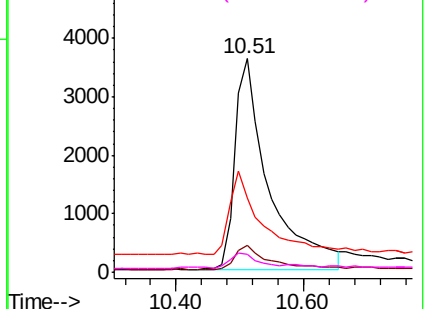


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.261 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.01 min

Lab File: BE101036.D

Acq: 13 Jan 2020 11:38

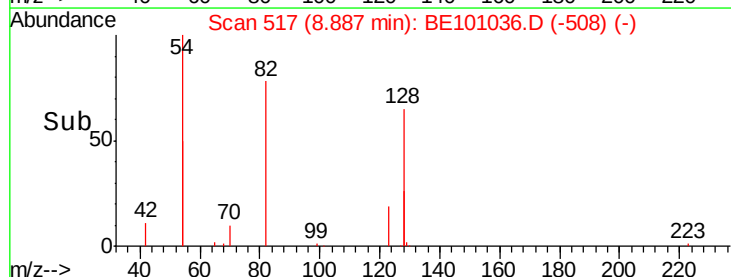
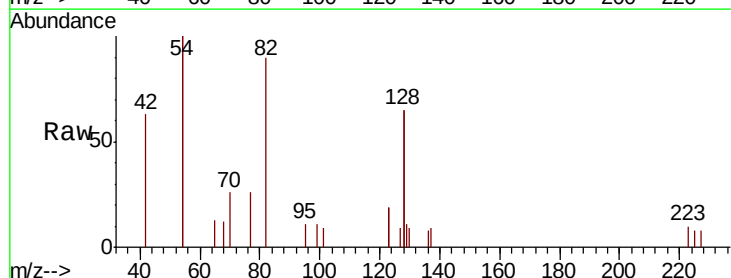
Tgt Ion: 82 Resp: 2503

Ion Ratio Lower Upper

82 100

128 145.2 109.8 164.6

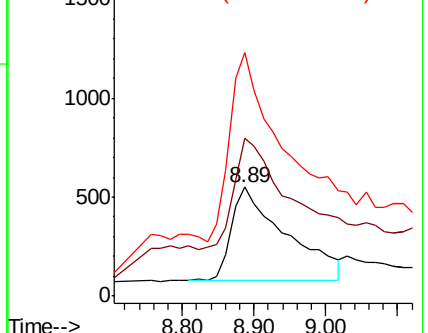
54 223.2 174.5 261.7

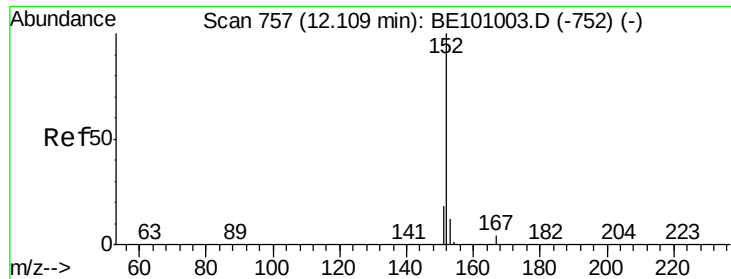


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

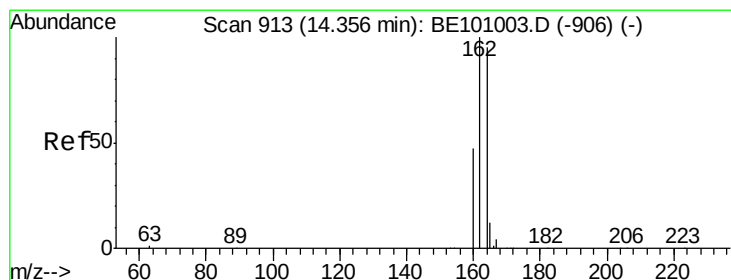
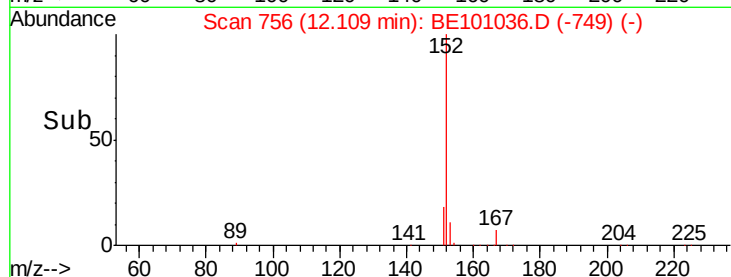
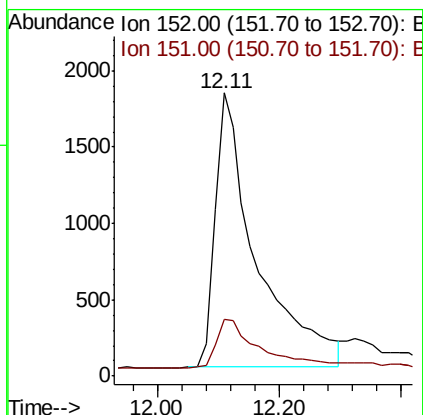
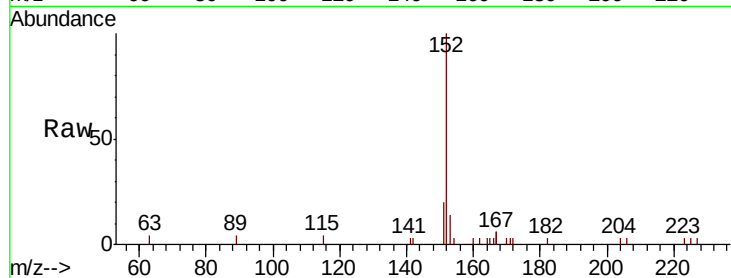




#11
 2-Methylnaphthalene-d10
 Concen: 0.330 ng
 RT: 12.11 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BE101036.D
 Acq: 13 Jan 2020 11:38

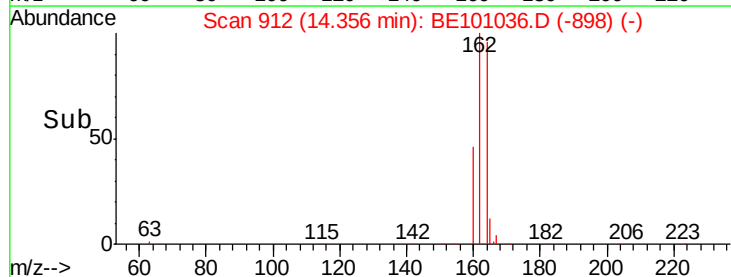
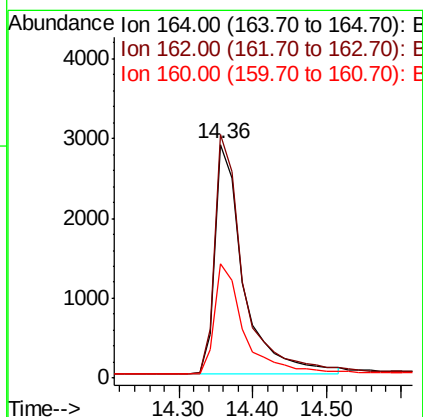
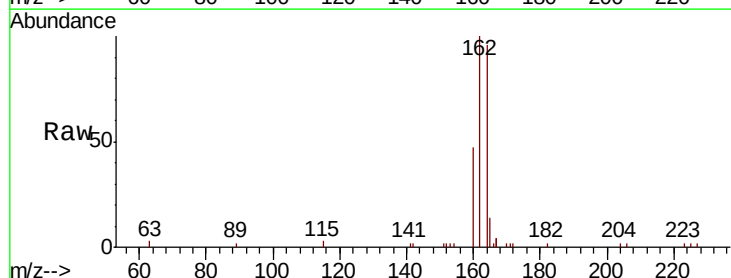
Instrument :
 BNA_E
 ClientSampleId :

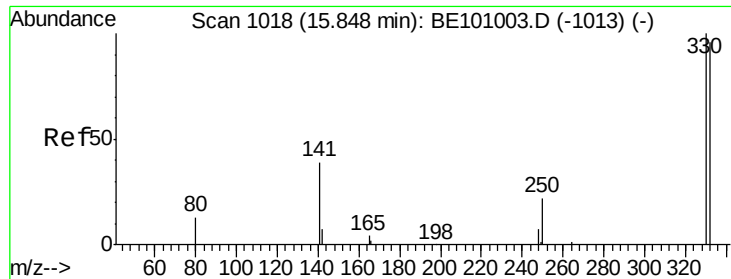
Tot Ion:152 Resp: 8452
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.0 22.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BE101036.D
 Acq: 13 Jan 2020 11:38

Tgt Ion:164 Resp: 7762
 Ion Ratio Lower Upper
 164 100
 162 104.1 84.1 126.1
 160 49.1 40.4 60.6

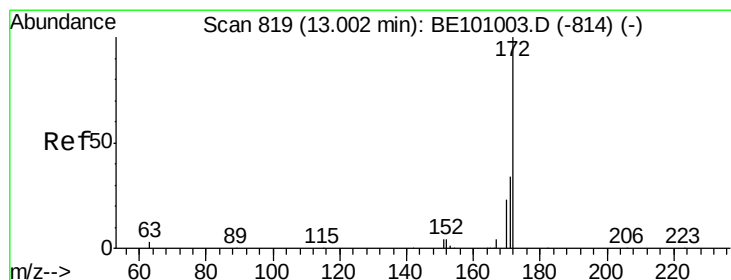
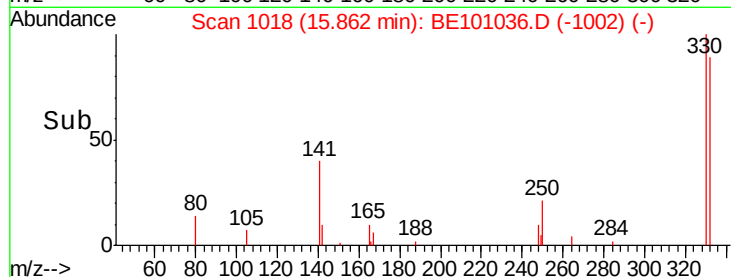
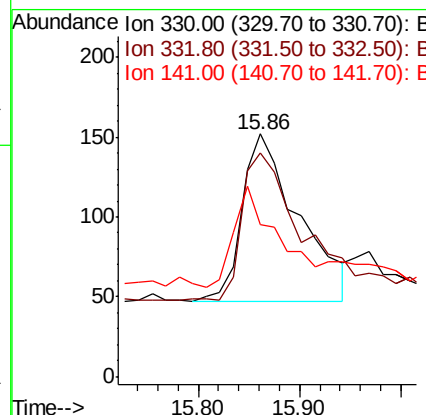
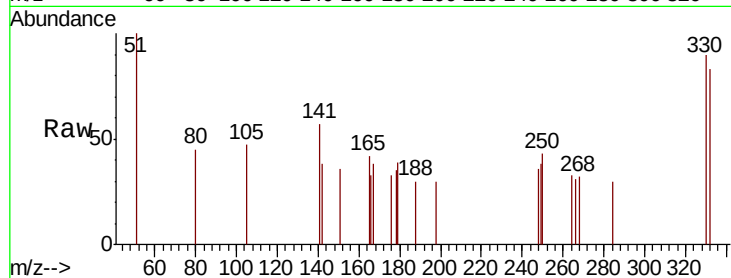




#14
 2,4,6-Tribromophenol
 Concen: 0.187 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BE101036.D
 Acq: 13 Jan 2020 11:38

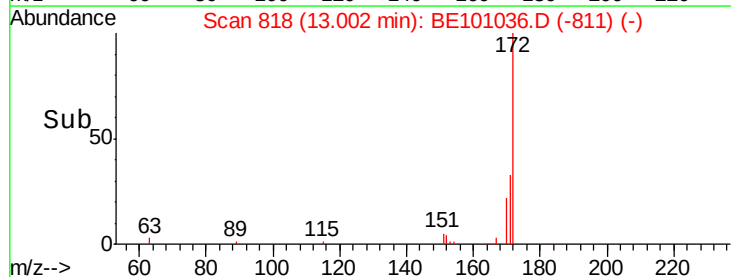
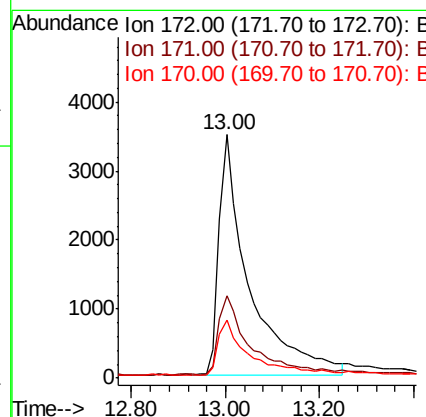
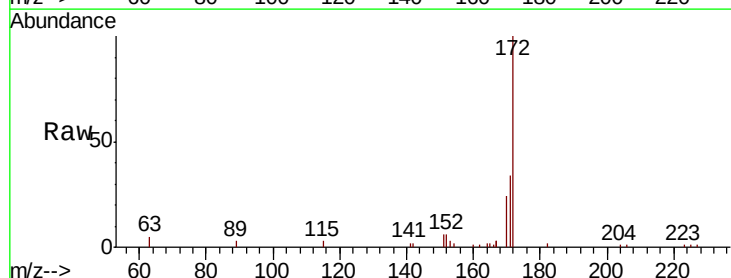
Instrument :
 BNA_E
 ClientSampleId :

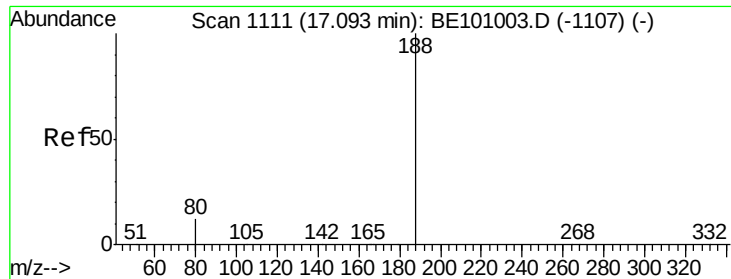
Tot Ion:330 Resp: 409
 Ion Ratio Lower Upper
 330 100
 332 101.2 78.4 117.6
 141 49.4 37.0 55.4



#15
 2-Fluorobiphenyl
 Concen: 0.522 ng
 RT: 13.00 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BE101036.D
 Acq: 13 Jan 2020 11:38

Tgt Ion:172 Resp: 15391
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.2 42.2
 170 23.6 18.9 28.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.11 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BE101036.D

Acq: 13 Jan 2020 11:38

Instrument :

BNA_E

ClientSampleId :

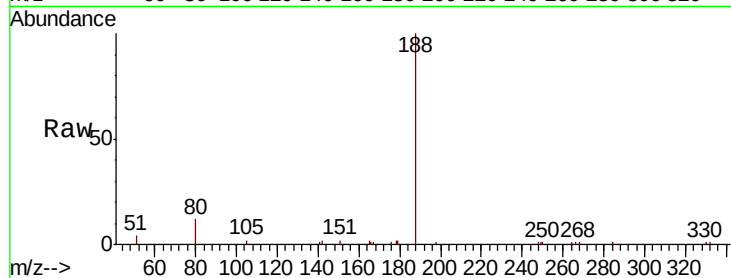
Tot Ion:188 Resp: 16702

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

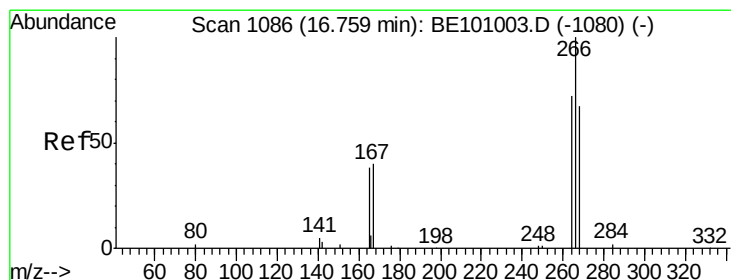
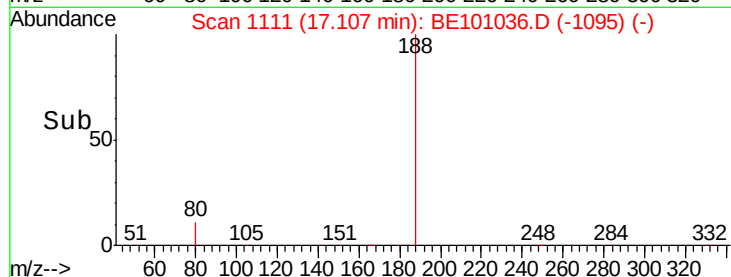
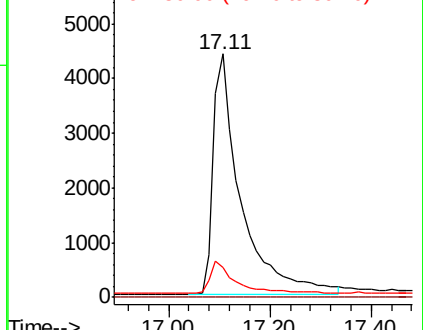
80 12.0 10.8 16.2



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: 0.257 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101036.D

Acq: 13 Jan 2020 11:38

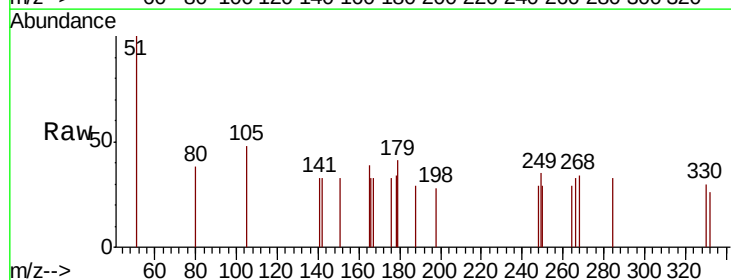
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 87.9 61.0 91.4

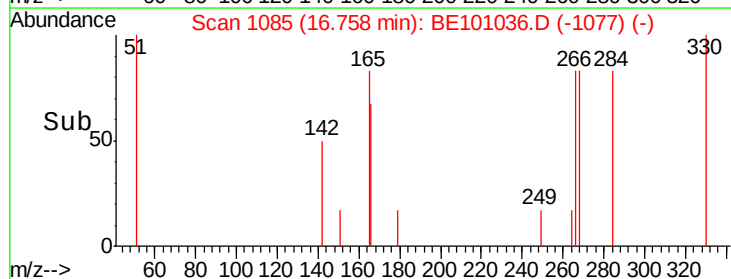
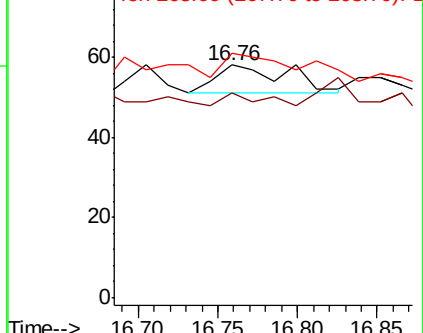
268 105.2 58.5 87.7#

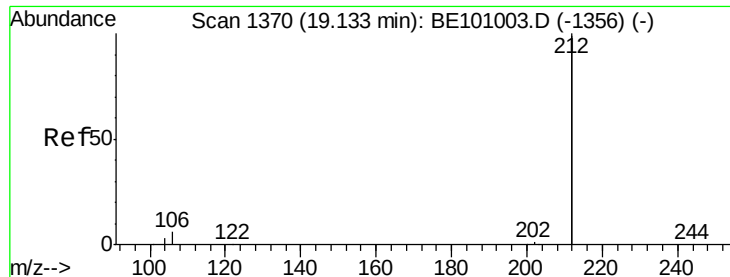


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.362 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101036.D

Acq: 13 Jan 2020 11:38

Instrument :

BNA_E

ClientSampleId :

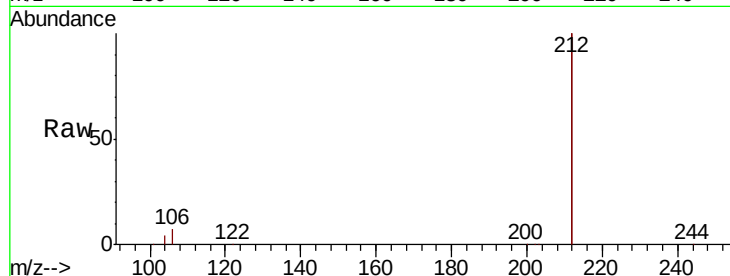
Tot Ion:212 Resp: 83959

Ion Ratio Lower Upper

212 100

106 3.1 2.6 3.8

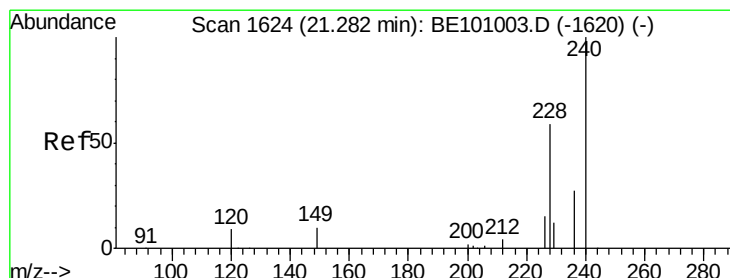
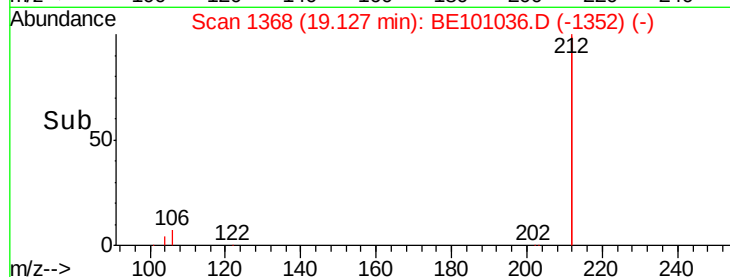
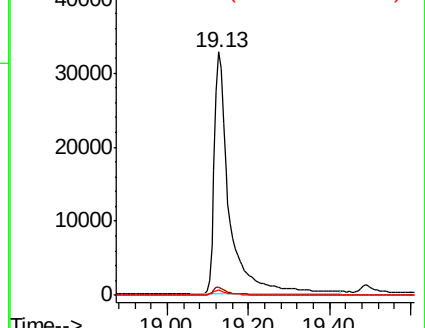
104 1.6 1.4 2.0



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: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE101036.D

Acq: 13 Jan 2020 11:38

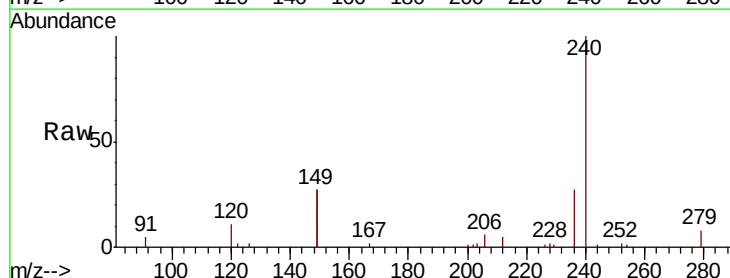
Tgt Ion:240 Resp: 14583

Ion Ratio Lower Upper

240 100

120 11.3 8.6 13.0

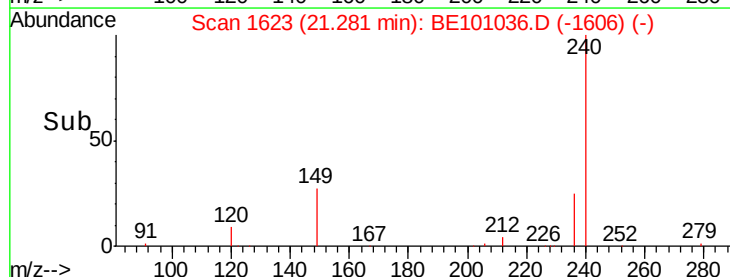
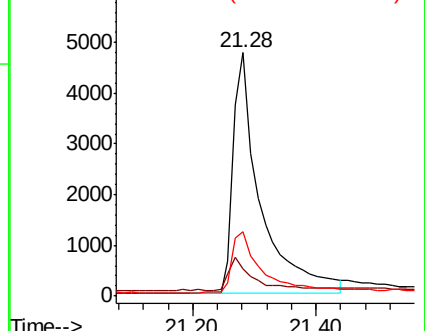
236 26.6 22.2 33.4

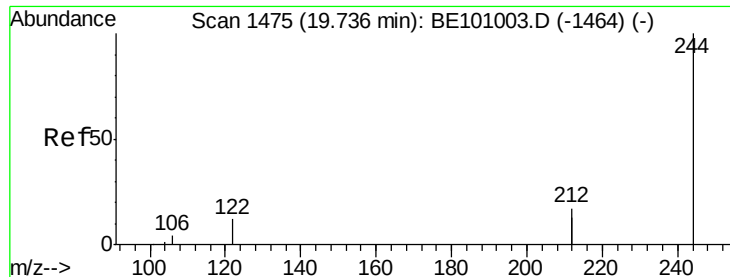


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.577 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BE101036.D

Acq: 13 Jan 2020 11:38

Instrument :

BNA_E

ClientSampleId :

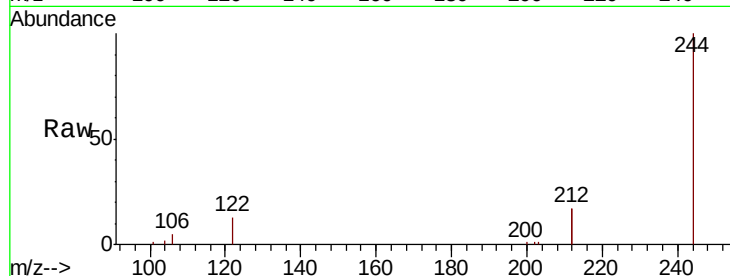
Tot Ion:244 Resp: 20666

Ion Ratio Lower Upper

244 100

212 33.8 27.2 40.8

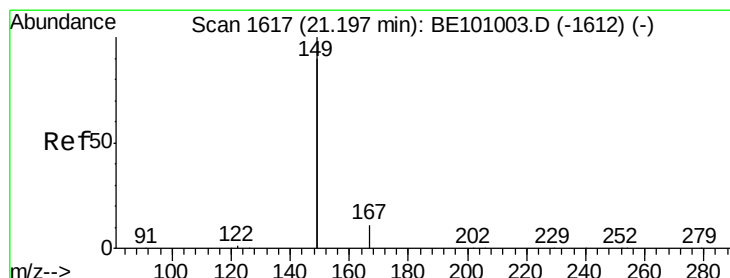
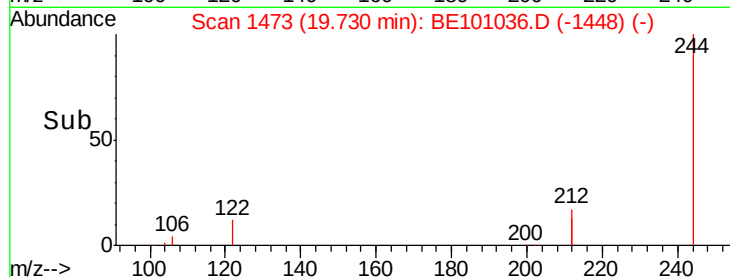
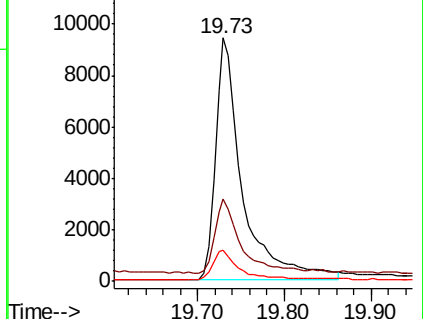
122 12.8 9.8 14.8



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: 0.184 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101036.D

Acq: 13 Jan 2020 11:38

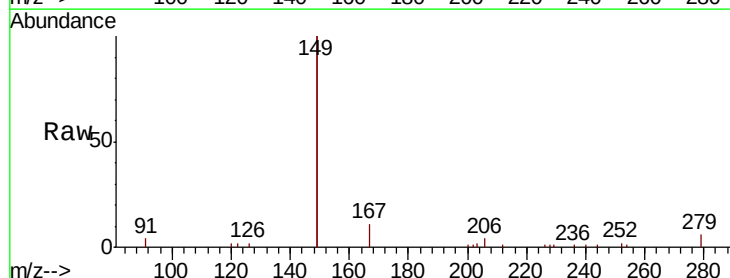
Tgt Ion:149 Resp: 12775

Ion Ratio Lower Upper

149 100

167 5.7 5.2 7.8

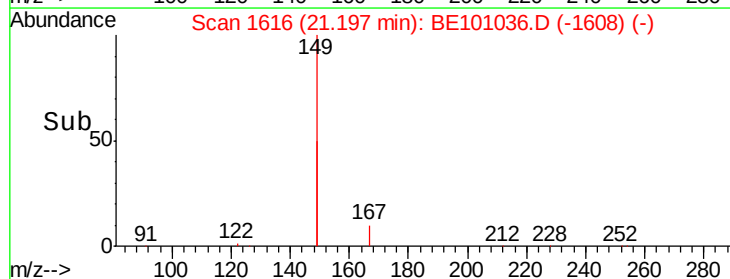
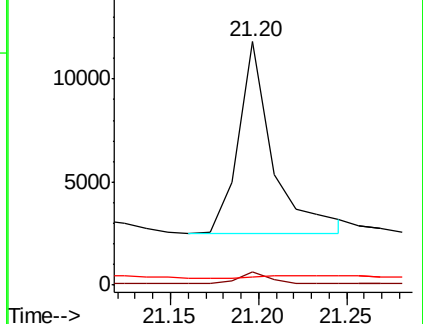
279 0.0 0.8 1.2#

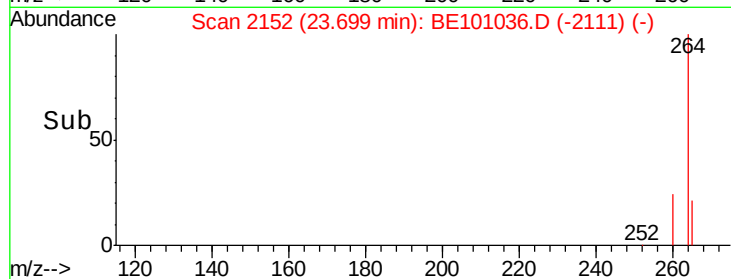
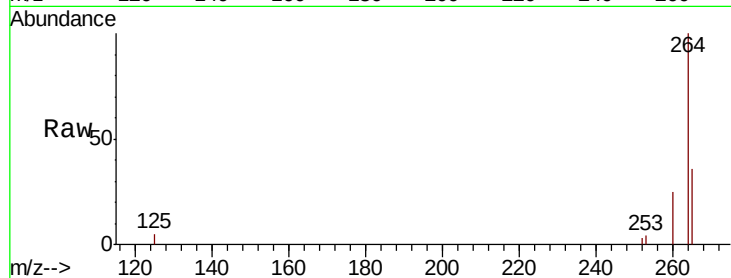
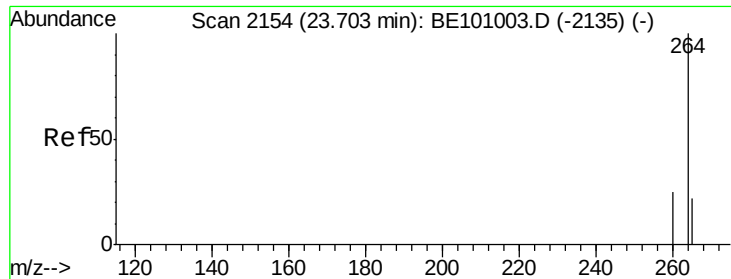


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.70 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BE101036.D

Acq: 13 Jan 2020 11:38

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 14054

Ion Ratio Lower Upper

264 100

260 24.6 20.3 30.5

265 35.7 27.0 40.4

