

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120519\
 Data File : BE100787.D
 Acq On : 5 Dec 2019 13:55
 Operator : JU
 Sample : K6024-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 05 14:37:00 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	5714	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	25385	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	14690	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	38841	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	42015	0.40	ng	0.00
34) Perylene-d12	23.76	264	45335	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	3385	0.25	ng	0.00
5) Phenol-d6	6.93	99	3875	0.19	ng	0.00
8) Nitrobenzene-d5	8.90	82	4916	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	14059	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1631	1.00	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	21198	0.36	ng	0.00
25) Fluoranthene-d10	19.16	212	206353	0.45	ng	0.00
29) Terphenyl-d14	19.76	244	43294	0.43	ng	0.00

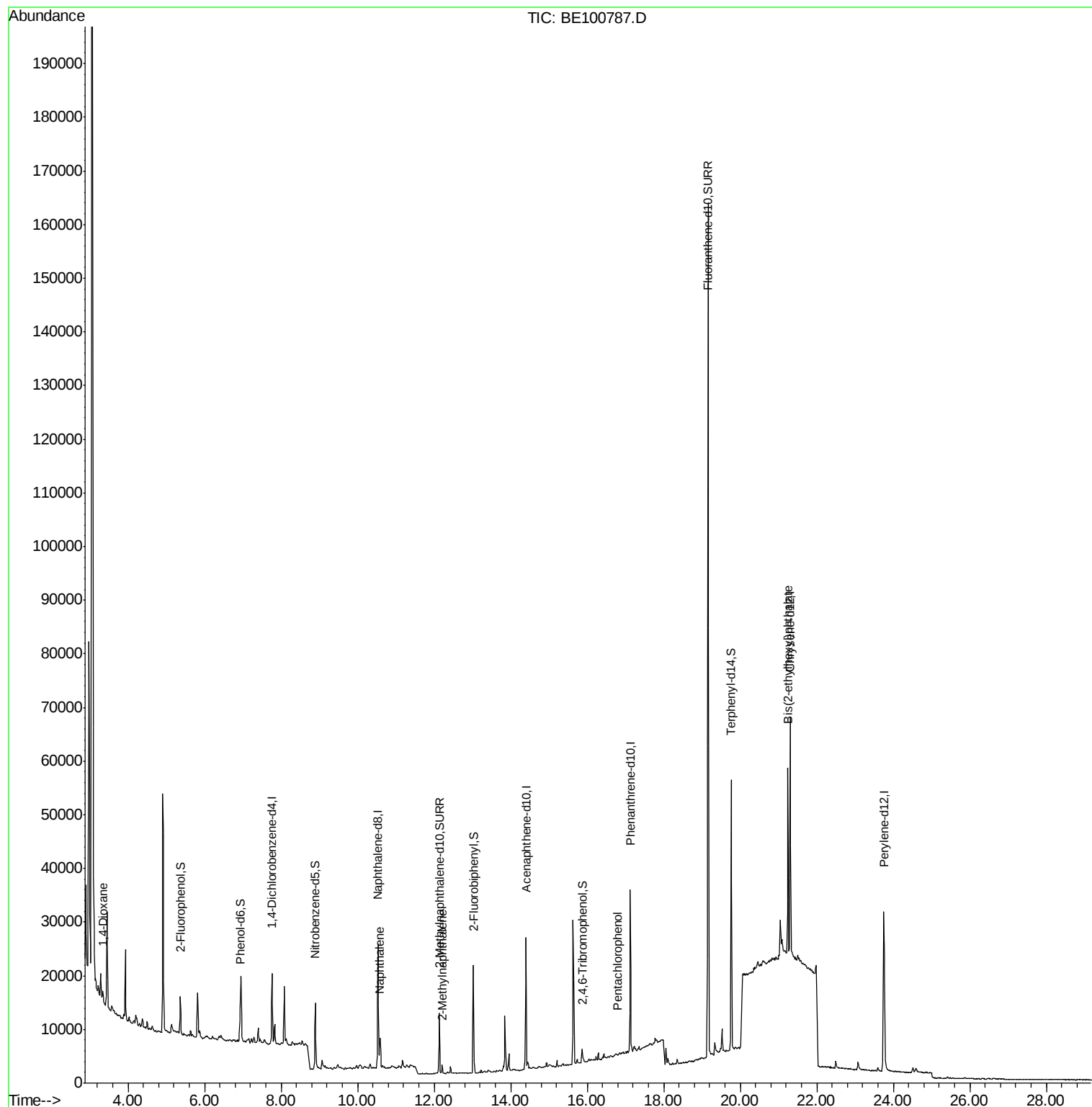
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	1472	0.141	ng	# 1
9) Naphthalene	10.59	128	8664	0.032	ng	# 98
12) 2-Methylnaphthalene	12.21	142	1078	0.026	ng	# 90
22) Pentachlorophenol	16.79	266	113	0.079	ng	95
32) Bis(2-ethylhexyl)phthalate	21.24	149	36355	0.418	ng	99

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

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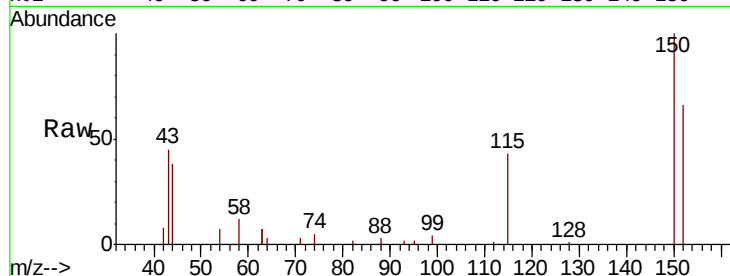


#1

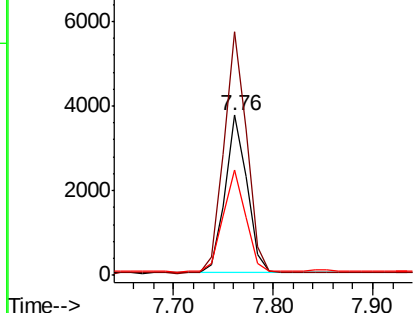
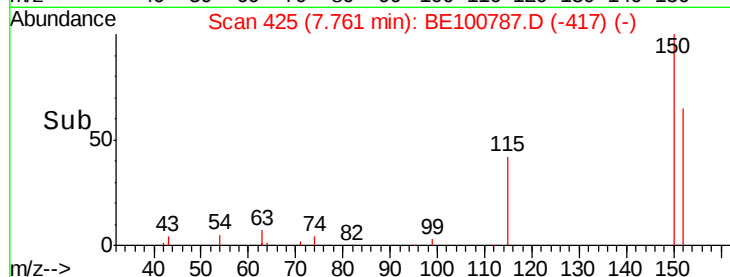
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100787.D
Acq: 5 Dec 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 5714
Ion Ratio Lower Upper
152 100
150 152.3 120.6 181.0
115 65.9 47.4 71.2



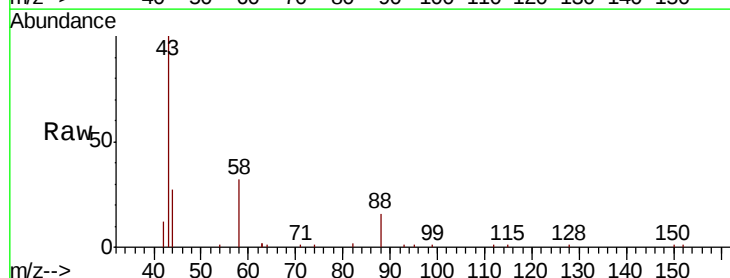
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



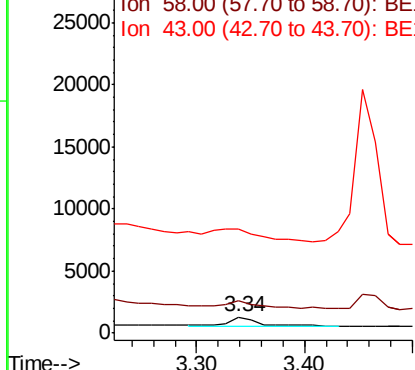
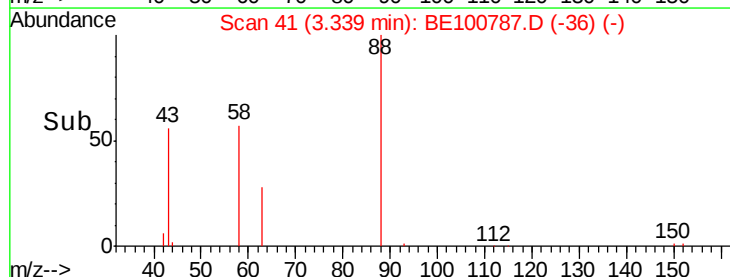
#2

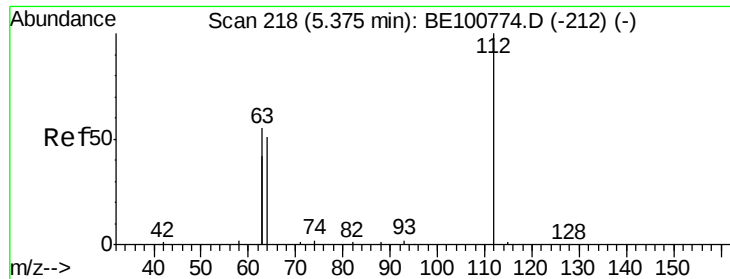
1,4-Dioxane
Concen: 0.141 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100787.D
Acq: 5 Dec 2019 13:55

Tgt Ion: 88 Resp: 1472
Ion Ratio Lower Upper
88 100
58 105.2 52.5 78.7#
43 206.7 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





#4

2-Fluorophenol

Concen: 0.250 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100787.D

Acq: 5 Dec 2019 13:55

Instrument :

BNA_E

ClientSampleId :

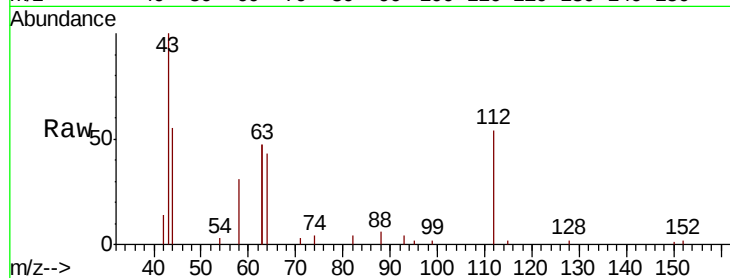
Tot Ion:112 Resp: 3385

Ion Ratio Lower Upper

112 100

64 65.6 54.1 81.1

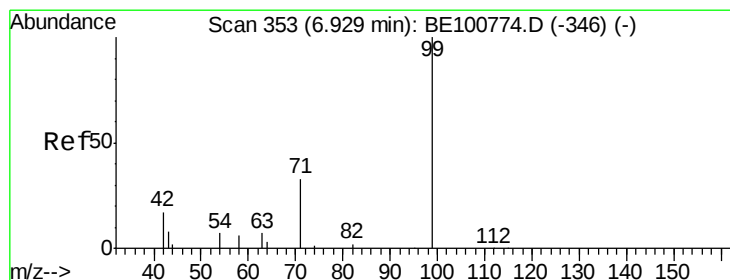
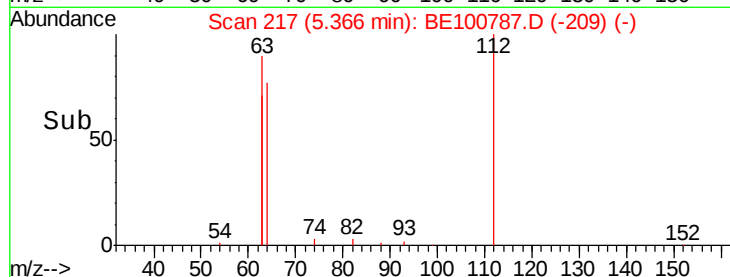
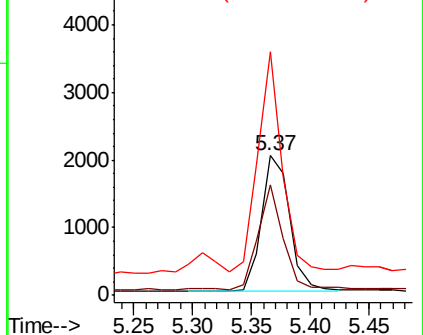
63 138.2 113.2 169.8



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: 0.189 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100787.D

Acq: 5 Dec 2019 13:55

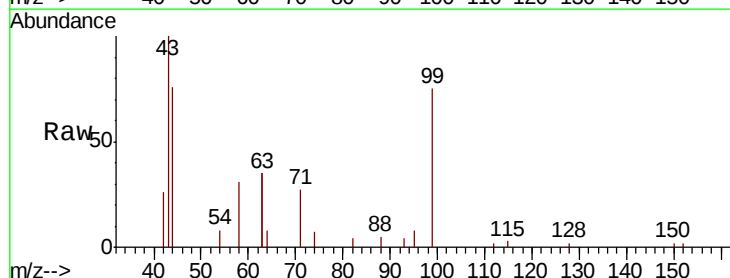
Tgt Ion: 99 Resp: 3875

Ion Ratio Lower Upper

99 100

42 33.7 19.1 28.7#

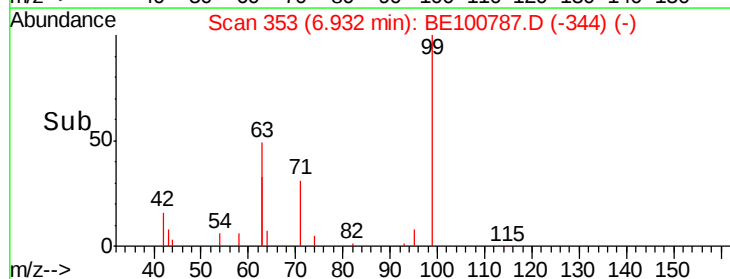
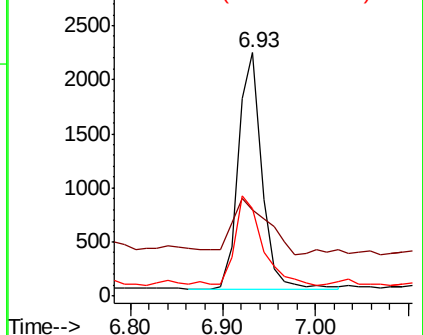
71 43.2 27.7 41.5#



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100787.D

Acq: 5 Dec 2019 13:55

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 25385

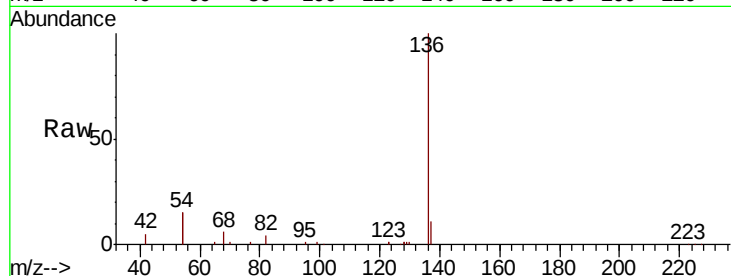
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 30.4 31.1 46.7#

68 6.4 6.6 10.0#

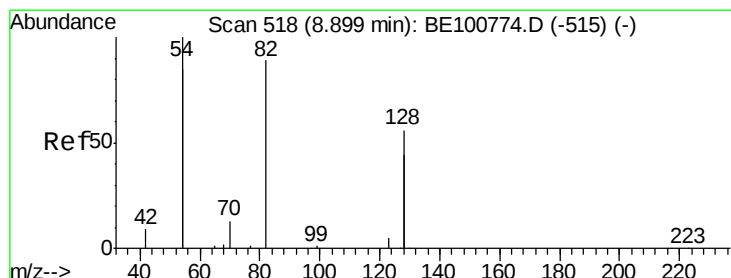
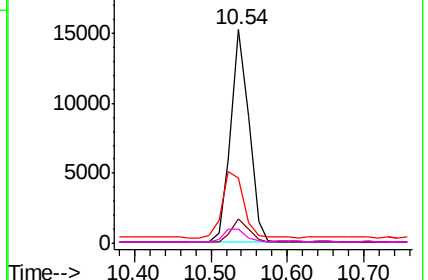
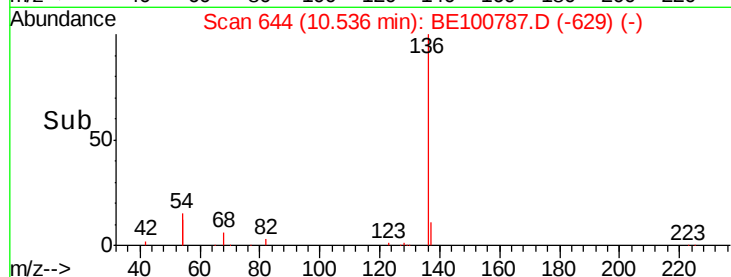


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.407 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100787.D

Acq: 5 Dec 2019 13:55

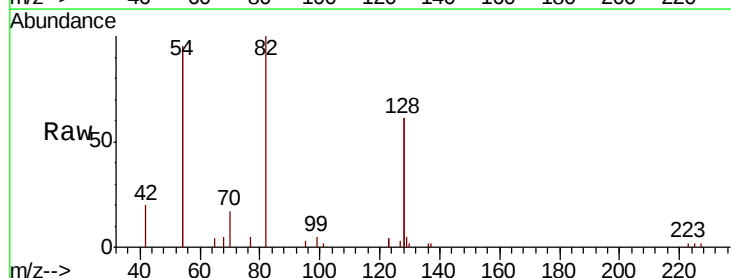
Tgt Ion: 82 Resp: 4916

Ion Ratio Lower Upper

82 100

128 122.6 97.0 145.4

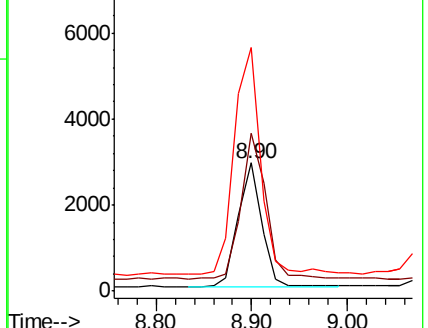
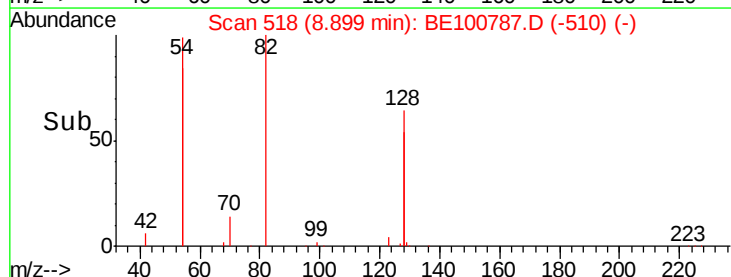
54 189.7 171.8 257.6

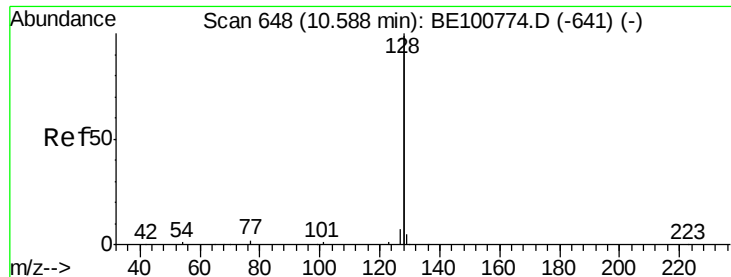


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

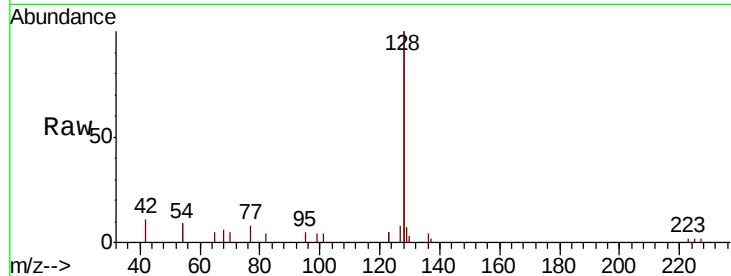




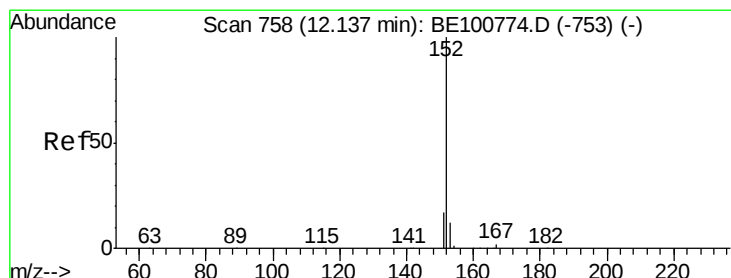
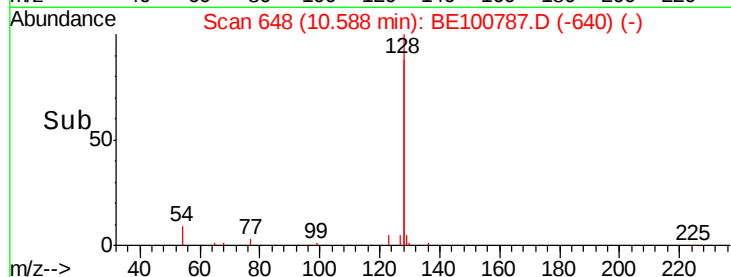
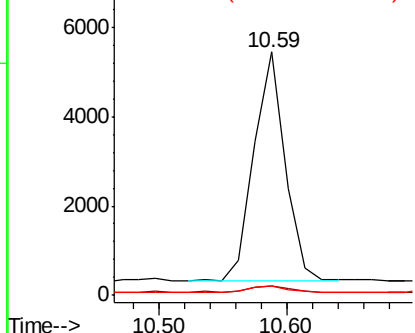
#9
Naphthalene
Concen: 0.032 ng
RT: 10.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BE100787.D
Acq: 5 Dec 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:128 Resp: 8664
Ion Ratio Lower Upper
128 100
129 3.7 2.2 3.4#
127 4.1 2.7 4.1#

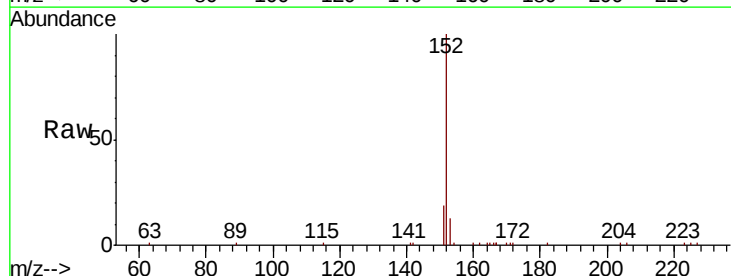


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

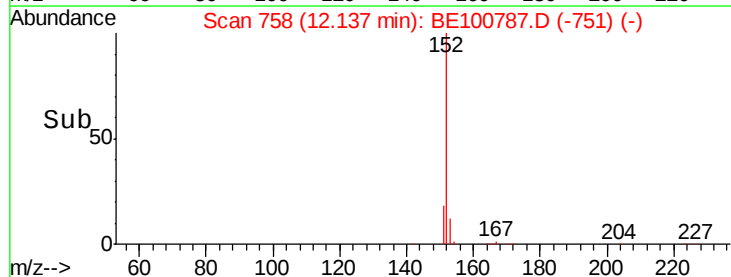
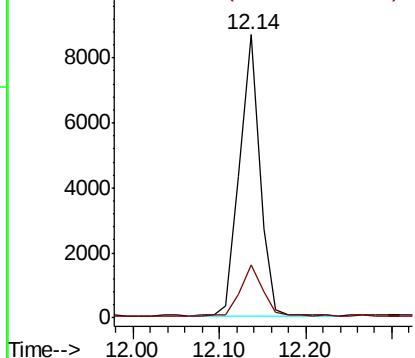


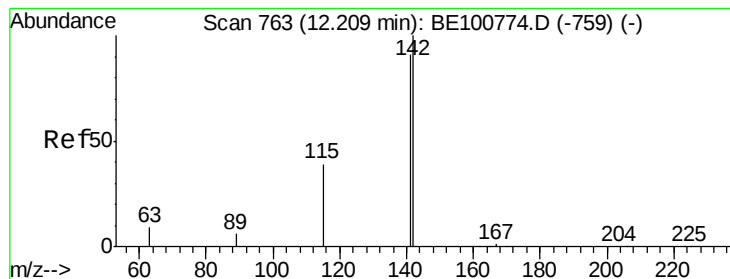
#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.00 min
Lab File: BE100787.D
Acq: 5 Dec 2019 13:55

Tgt Ion:152 Resp: 14059
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.026 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100787.D

Acq: 5 Dec 2019 13:55

Instrument :

BNA_E

ClientSampled :

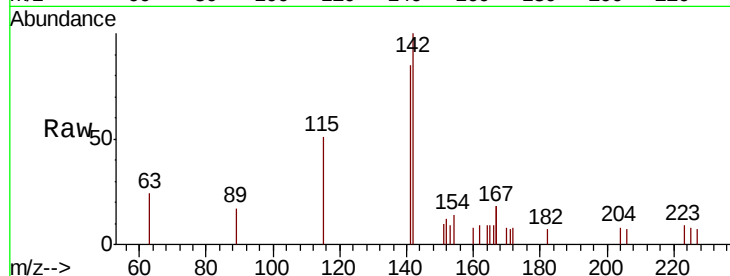
Tot Ion:142 Resp: 1078

Ion Ratio Lower Upper

142 100

141 85.1 72.6 108.8

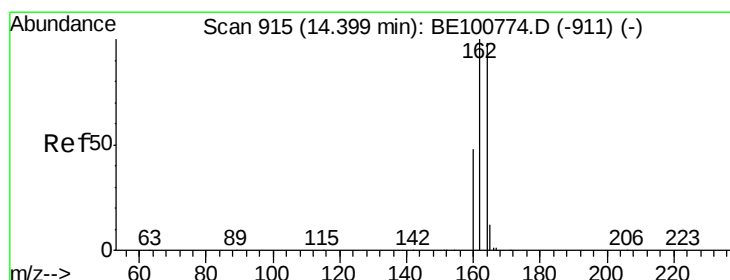
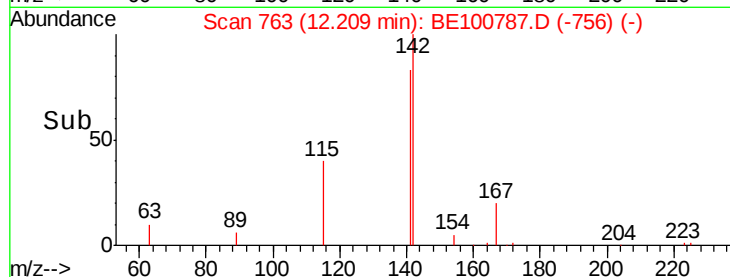
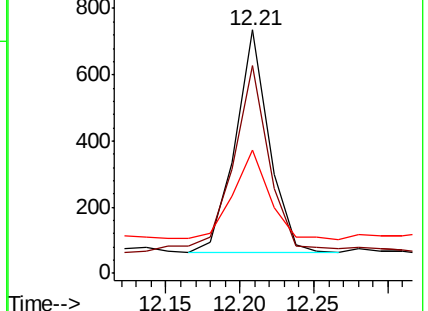
115 50.5 31.8 47.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100787.D

Acq: 5 Dec 2019 13:55

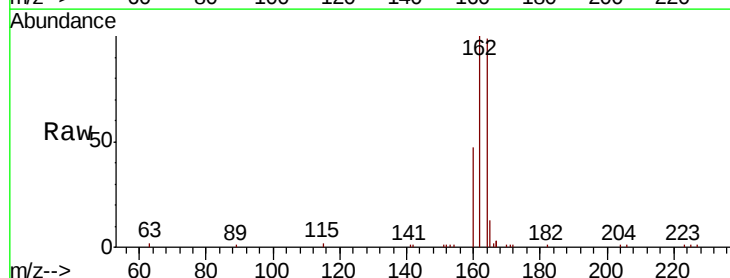
Tgt Ion:164 Resp: 14690

Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.0

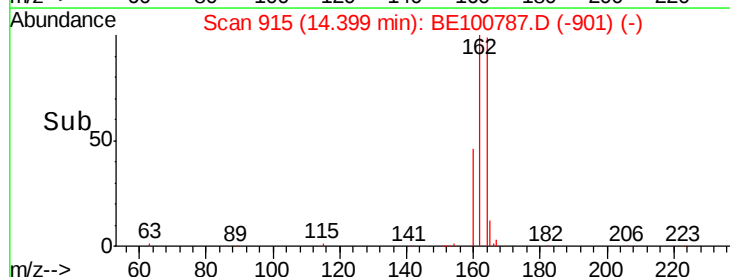
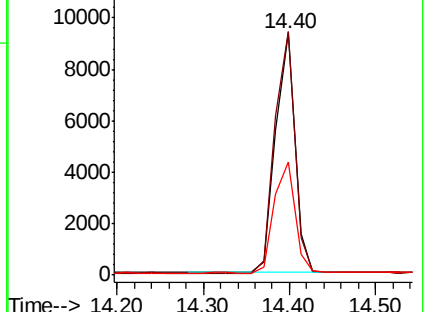
160 47.0 39.4 59.0

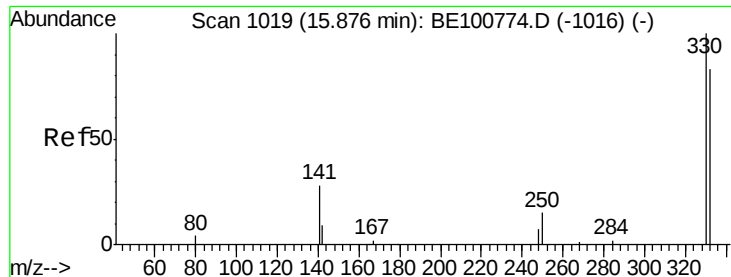


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

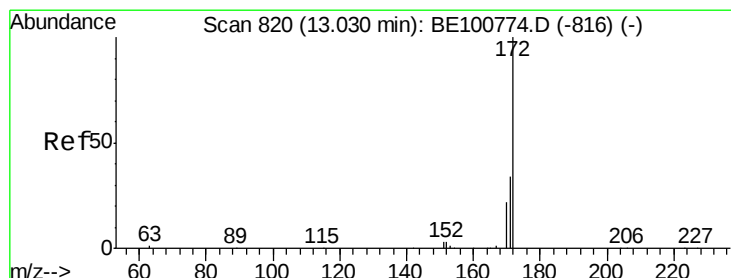
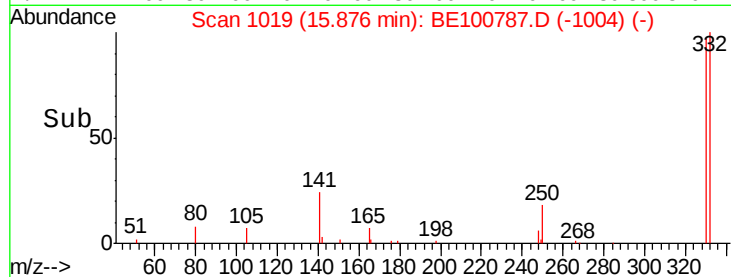
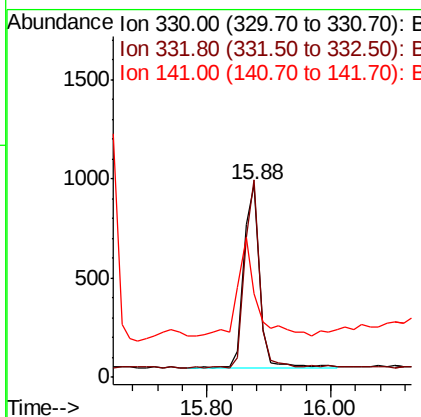
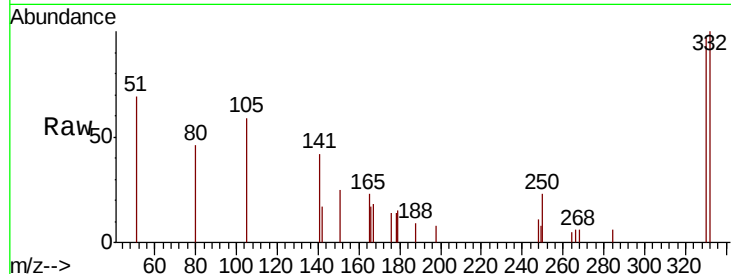




#14
 2,4,6-Tribromophenol
 Concen: 0.998 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BE100787.D
 Acq: 5 Dec 2019 13:55

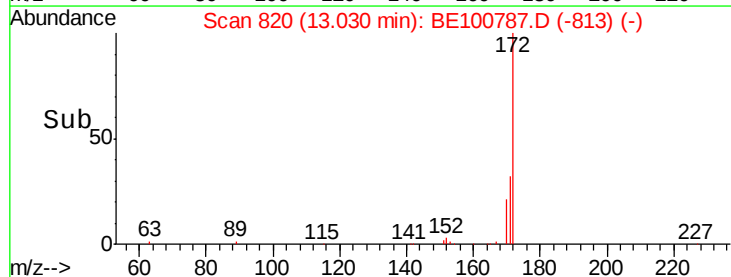
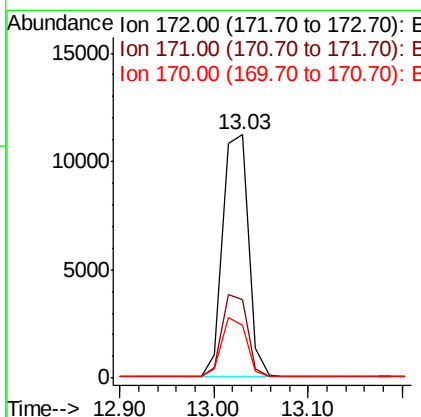
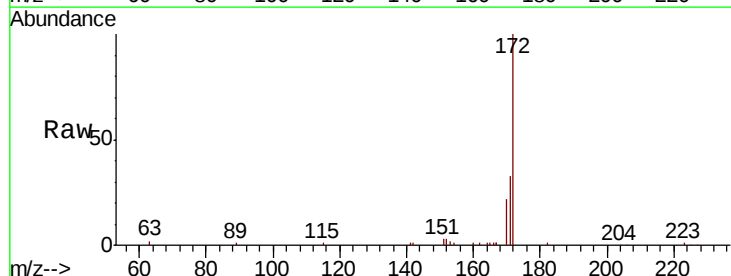
Instrument :
 BNA_E
 ClientSampleId :

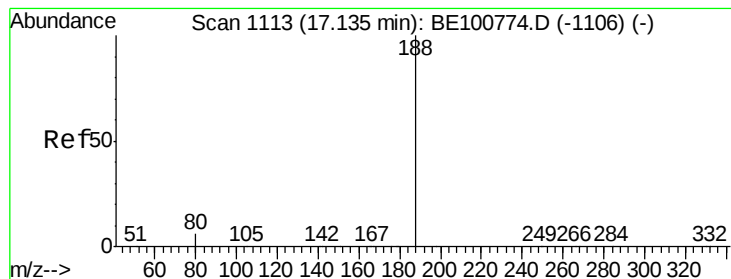
Tot Ion:330 Resp: 1631
 Ion Ratio Lower Upper
 330 100
 332 93.8 69.4 104.2
 141 66.8 51.1 76.7



#15
 2-Fluorobiphenyl
 Concen: 0.364 ng
 RT: 13.03 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BE100787.D
 Acq: 5 Dec 2019 13:55

Tgt Ion:172 Resp: 21198
 Ion Ratio Lower Upper
 172 100
 171 32.5 27.2 40.8
 170 21.7 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: BE100787.D

Acq: 5 Dec 2019 13:55

Instrument :

BNA_E

ClientSampleId :

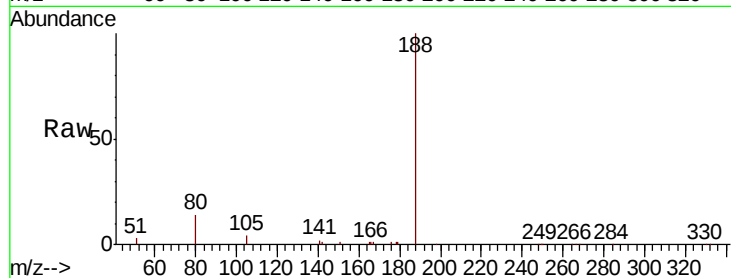
Tot Ion:188 Resp: 38841

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

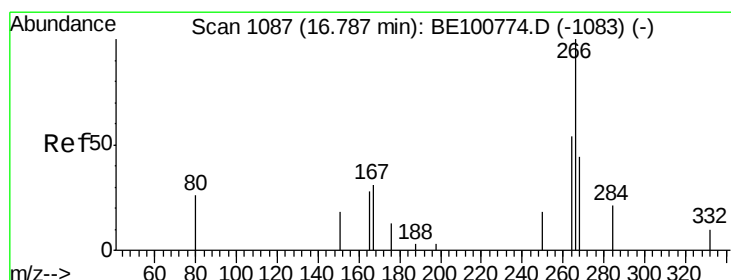
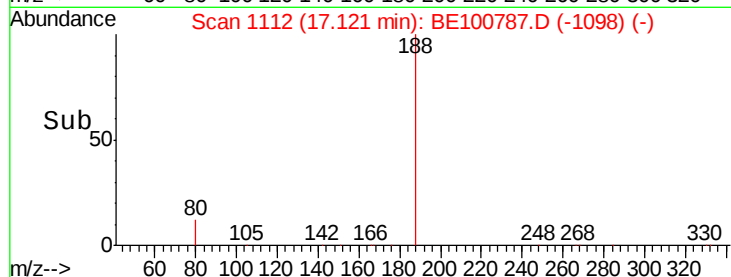
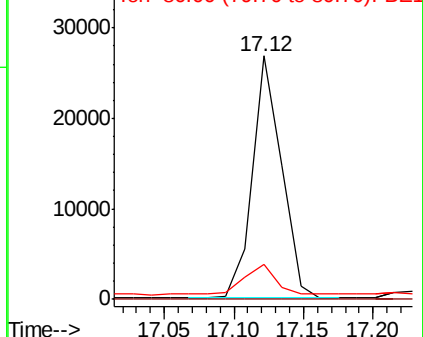
80 14.1 5.2 7.8#



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



#22

Pentachlorophenol

Concen: 0.079 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE100787.D

Acq: 5 Dec 2019 13:55

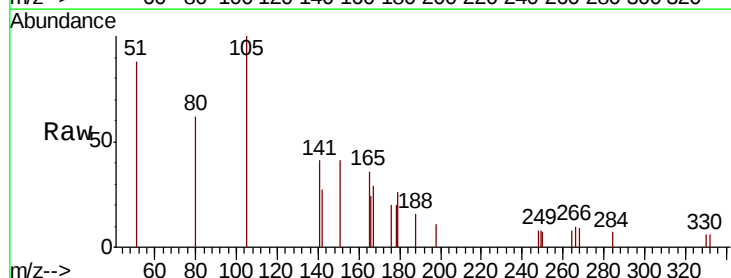
Tgt Ion:266 Resp: 113

Ion Ratio Lower Upper

266 100

264 83.0 63.4 95.0

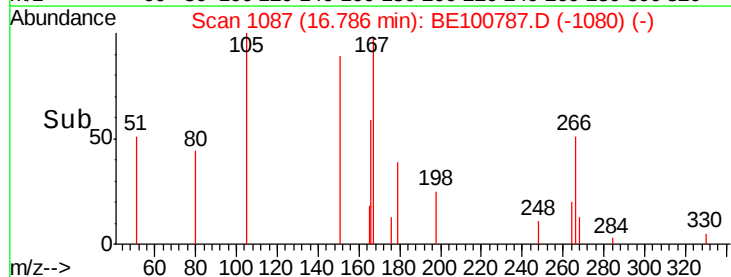
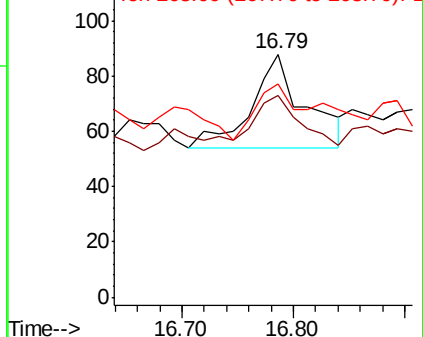
268 87.5 65.8 98.8

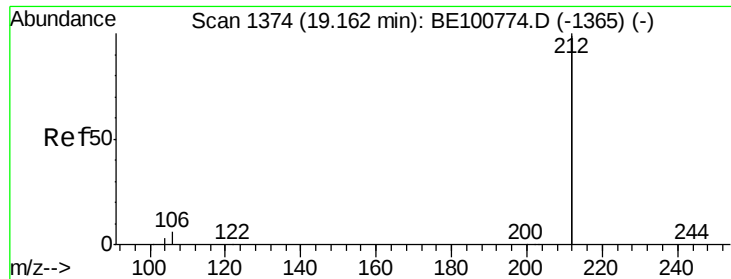


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

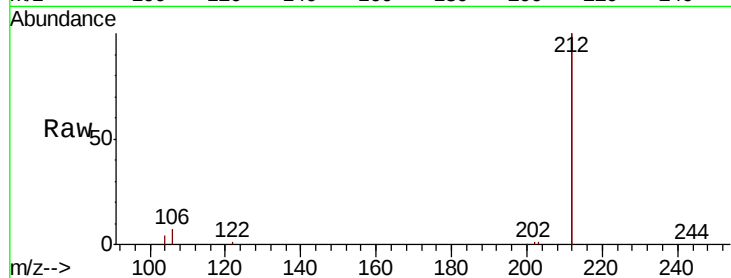




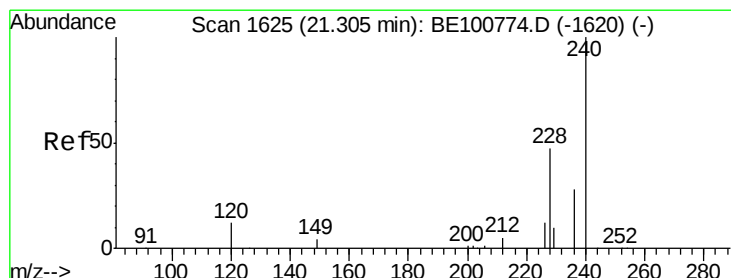
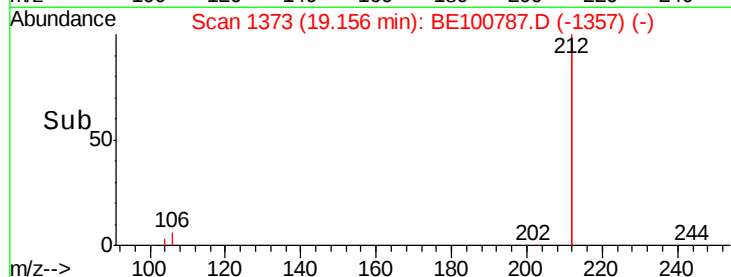
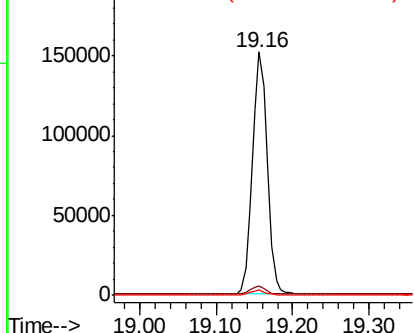
#25
 Fluoranthene-d10
 Concen: 0.450 ng
 RT: 19.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BE100787.D
 Acq: 5 Dec 2019 13:55

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 206353
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.6 3.8
 104 1.9 1.4 2.2

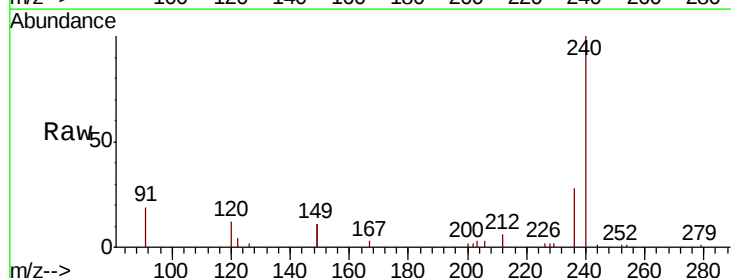


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

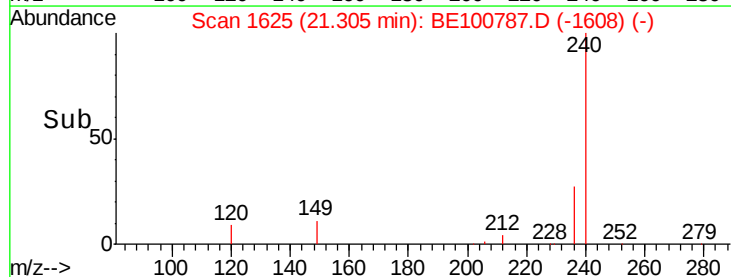
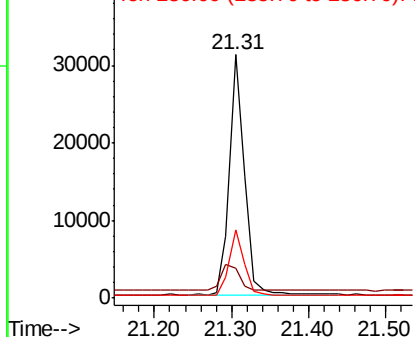


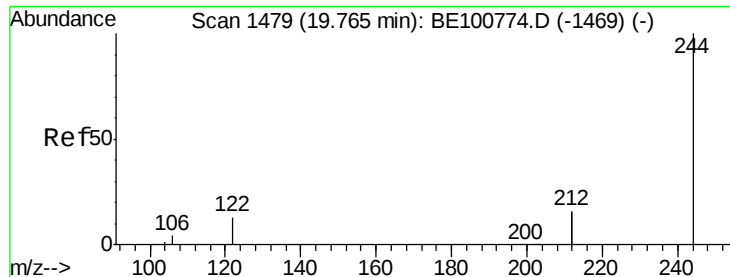
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BE100787.D
 Acq: 5 Dec 2019 13:55

Tgt Ion:240 Resp: 42015
 Ion Ratio Lower Upper
 240 100
 120 12.1 10.2 15.2
 236 28.1 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: 0.430 ng

RT: 19.76 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BE100787.D

Acq: 5 Dec 2019 13:55

Instrument :

BNA_E

ClientSampleId :

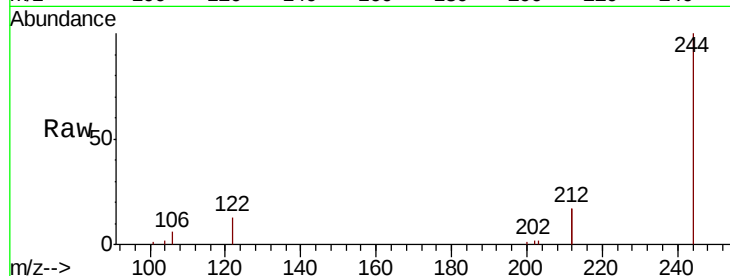
Tot Ion:244 Resp: 43294

Ion Ratio Lower Upper

244 100

212 34.6 26.2 39.4

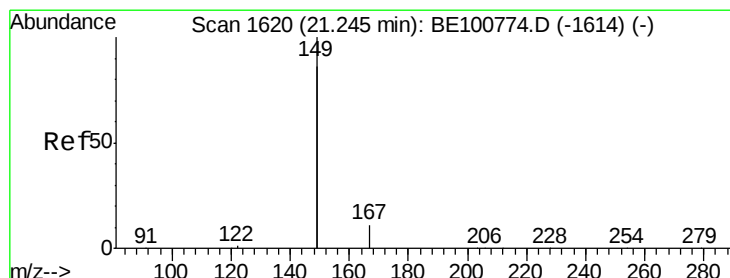
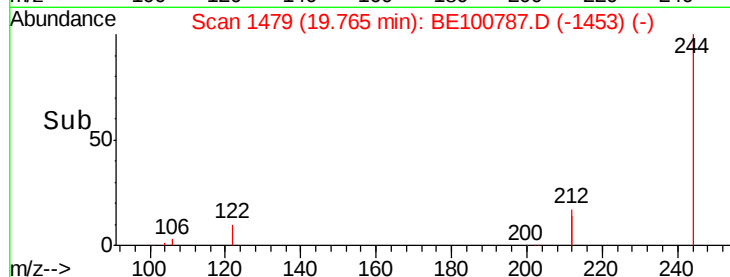
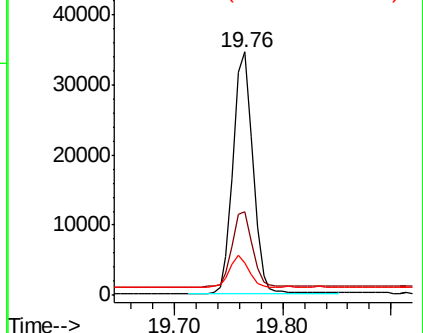
122 13.4 10.2 15.4



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: 0.418 ng

RT: 21.24 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100787.D

Acq: 5 Dec 2019 13:55

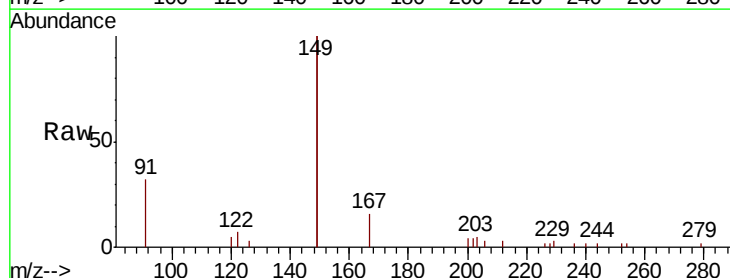
Tgt Ion:149 Resp: 36355

Ion Ratio Lower Upper

149 100

167 6.5 5.0 7.6

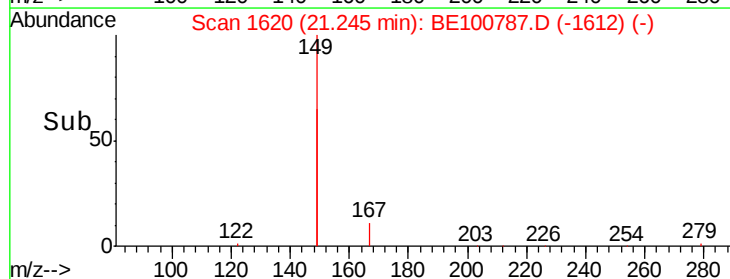
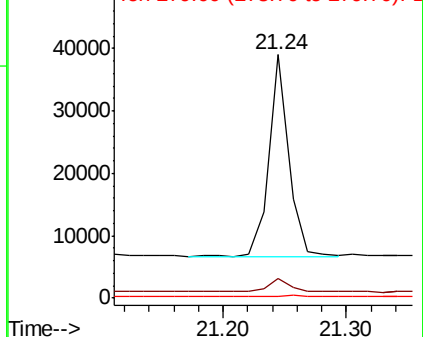
279 1.0 0.7 1.1

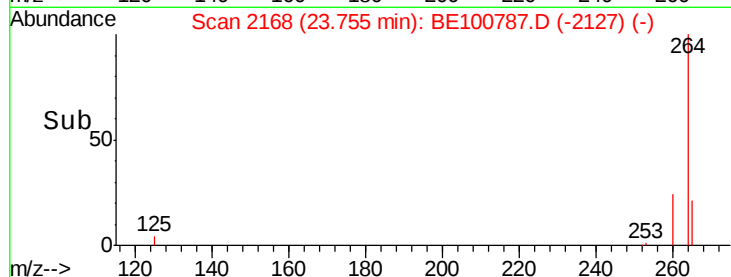
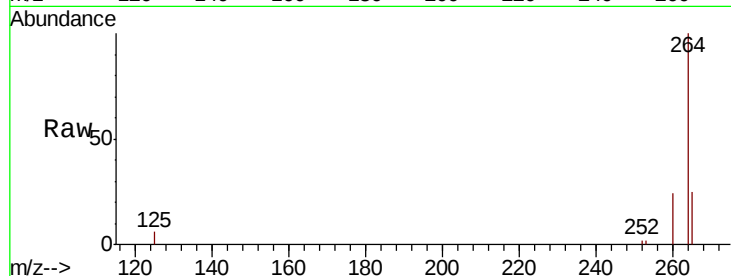
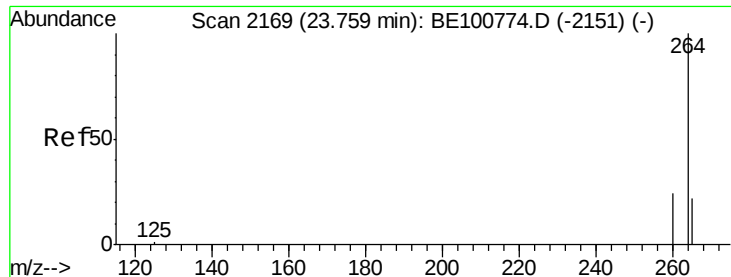


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.76 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BE100787.D

Acq: 5 Dec 2019 13:55

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 45335

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 24.9 21.8 32.8

