

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
 Data File : BE100939.D
 Acq On : 17 Dec 2019 4:06
 Operator : JU
 Sample : K6252-02DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 17 06:21:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

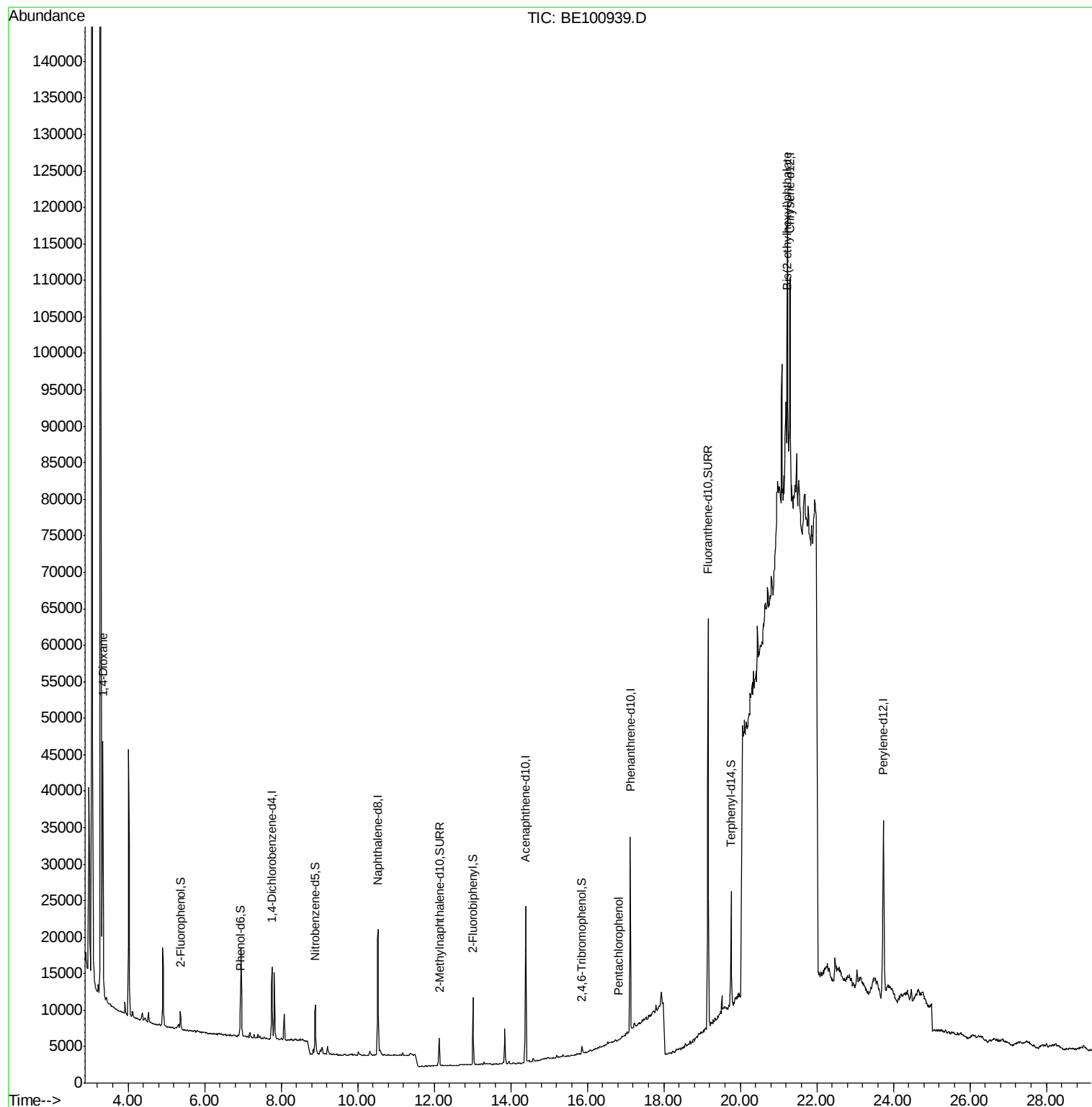
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4415	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	21373	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	13867	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	34069	0.40	ng	0.00
27) Chrysene-d12	21.31	240	29767	0.40	ng	0.00
34) Perylene-d12	23.74	264	35928	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1322	0.13	ng	0.00
5) Phenol-d6	6.93	99	1198	0.08	ng	0.00
8) Nitrobenzene-d5	8.90	82	3016	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	6071	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	624	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	8012	0.15	ng	0.00
25) Fluoranthene-d10	19.15	212	72550	0.18	ng	0.00
29) Terphenyl-d14	19.76	244	13617	0.19	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	23397	2.907	ng	Qvalue 89
22) Pentachlorophenol	16.81	266	35	0.028	ng	# 61
32) Bis(2-ethylhexyl)phthalate	21.23	149	46022	0.725	ng	98

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

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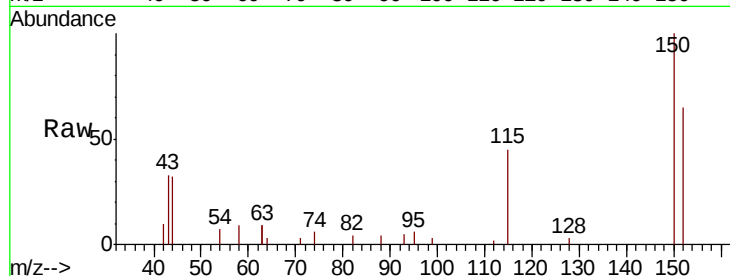


#1

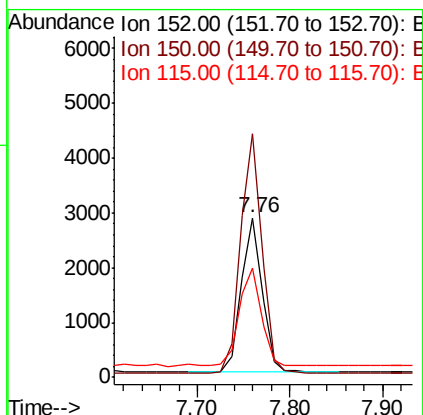
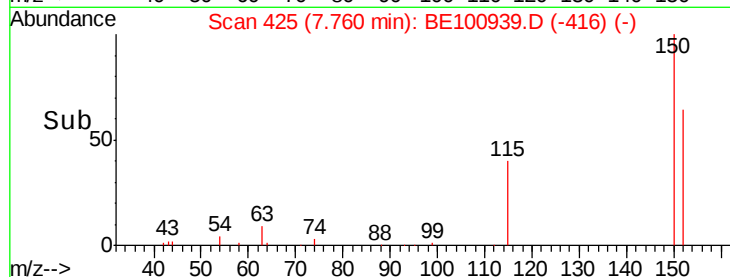
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100939.D
Acq: 17 Dec 2019 4:06

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4415
Ion Ratio Lower Upper
152 100
150 152.9 125.5 188.3
115 68.2 55.7 83.5



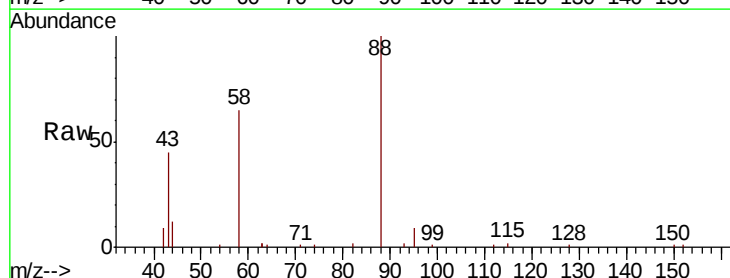
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



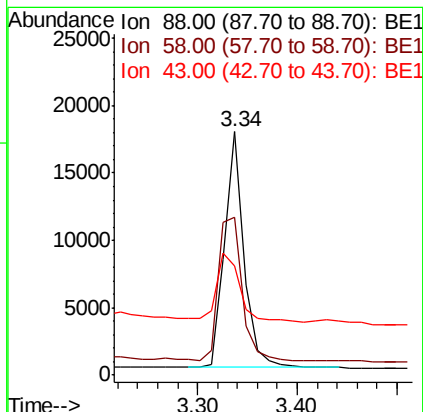
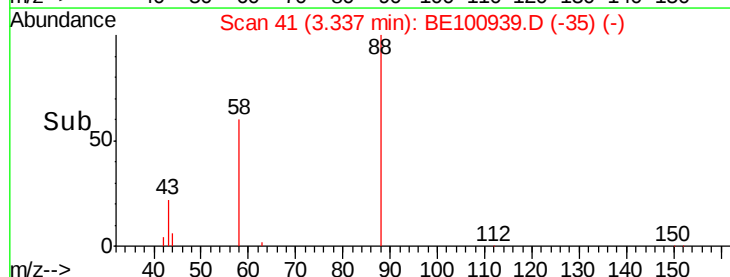
#2

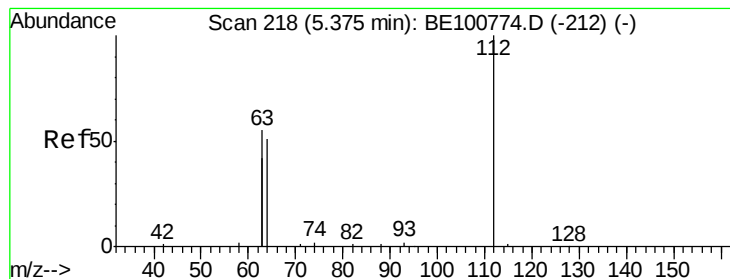
1,4-Dioxane
Concen: 2.907 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100939.D
Acq: 17 Dec 2019 4:06

Tgt Ion: 88 Resp: 23397
Ion Ratio Lower Upper
88 100
58 74.9 52.3 78.5
43 34.7 23.5 35.3



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: 0.126 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100939.D

Acq: 17 Dec 2019 4:06

Instrument :

BNA_E

ClientSampled :

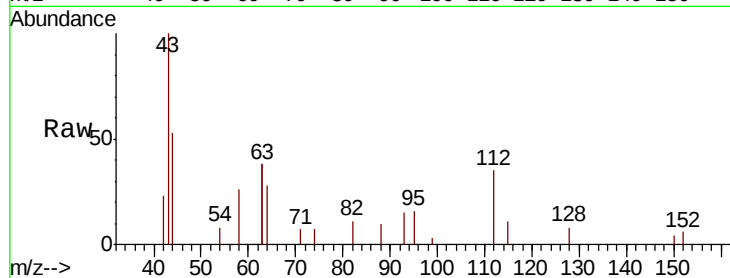
Tot Ion: 112 Resp: 1322

Ion Ratio Lower Upper

112 100

64 66.6 54.5 81.7

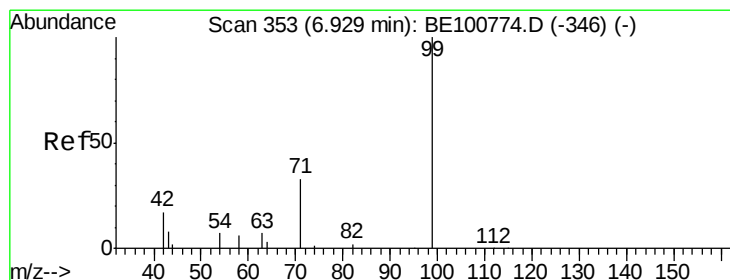
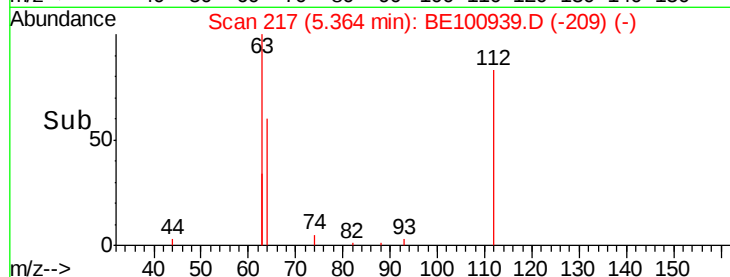
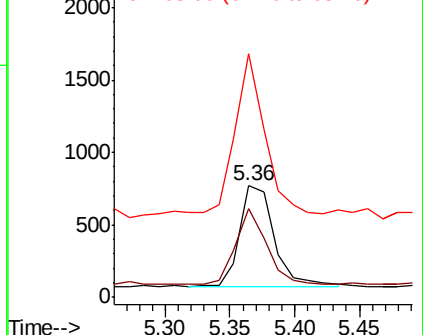
63 132.5 116.1 174.1



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: 0.076 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100939.D

Acq: 17 Dec 2019 4:06

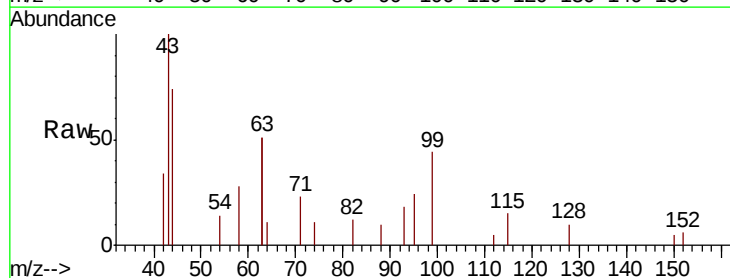
Tgt Ion: 99 Resp: 1198

Ion Ratio Lower Upper

99 100

42 67.9 18.2 27.2#

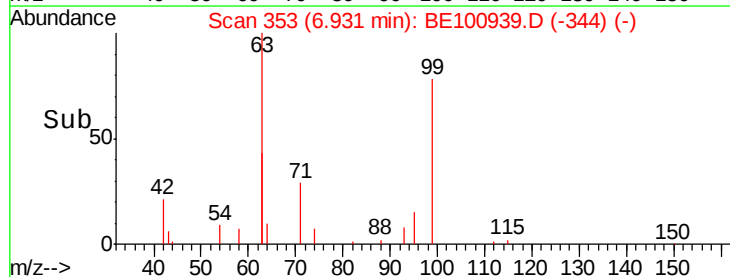
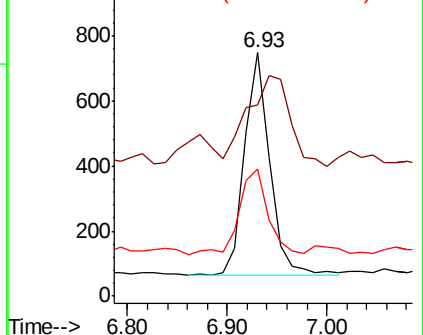
71 43.2 29.1 43.7



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: BE100939.D

Acq: 17 Dec 2019 4:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 21373

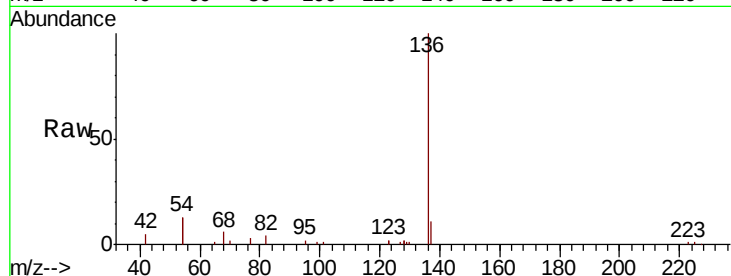
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 26.3 18.9 28.3

68 6.3 4.6 6.8

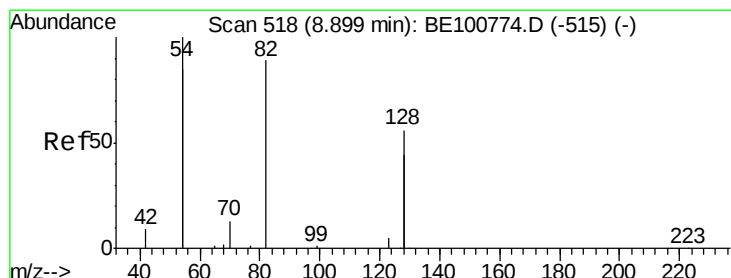
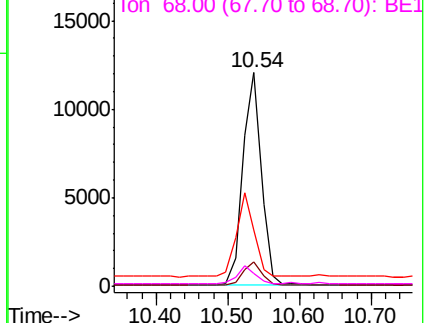
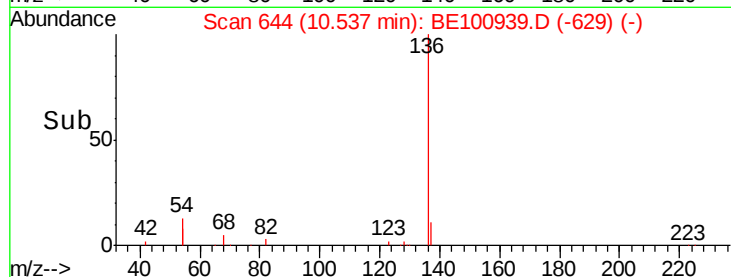


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.296 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100939.D

Acq: 17 Dec 2019 4:06

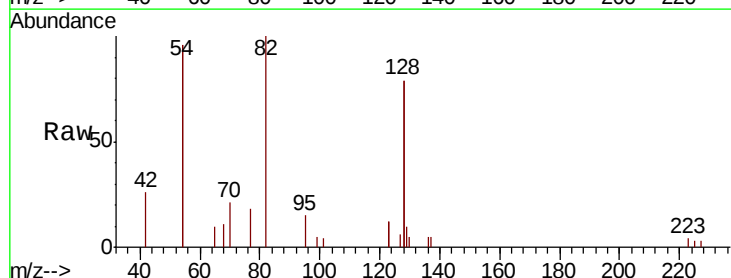
Tgt Ion: 82 Resp: 3016

Ion Ratio Lower Upper

82 100

128 158.3 113.5 170.3

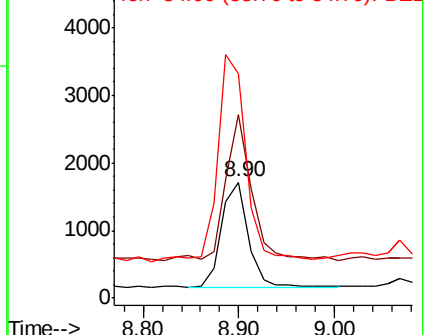
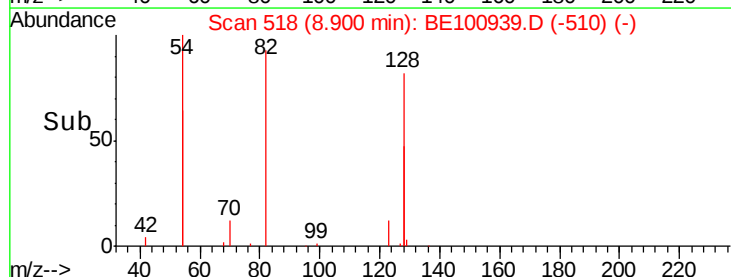
54 192.8 138.9 208.3



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: 0.196 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100939.D

Acq: 17 Dec 2019 4:06

Instrument :

BNA_E

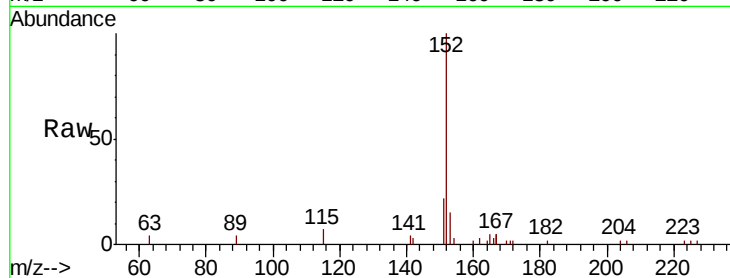
ClientSampleId :

Tot Ion:152 Resp: 6071

Ion Ratio Lower Upper

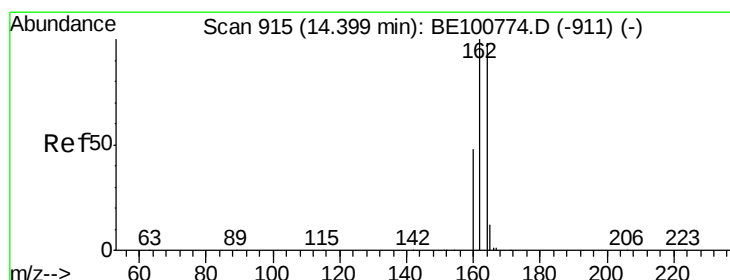
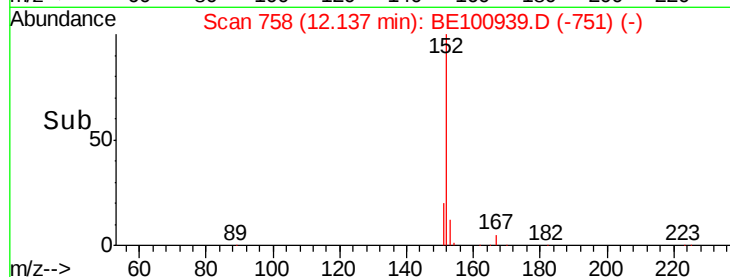
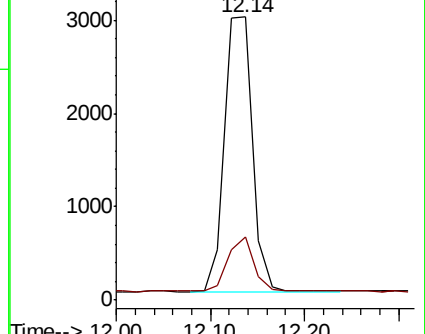
152 100

151 18.4 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100939.D

Acq: 17 Dec 2019 4:06

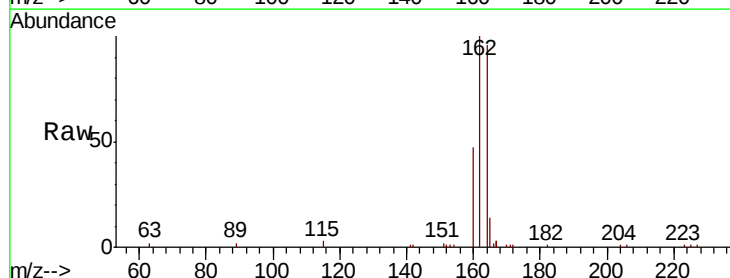
Tgt Ion:164 Resp: 13867

Ion Ratio Lower Upper

164 100

162 104.2 86.0 129.0

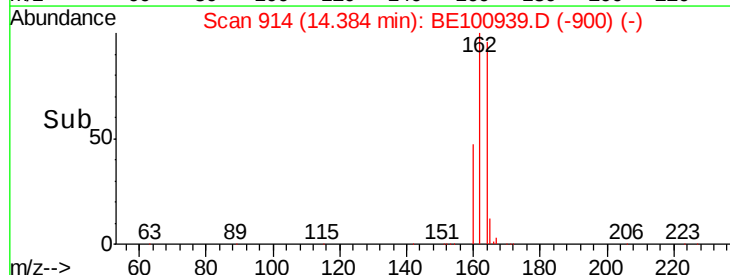
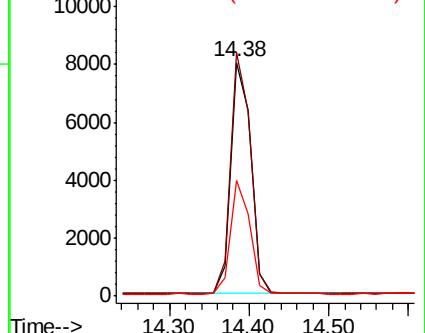
160 49.2 42.3 63.5

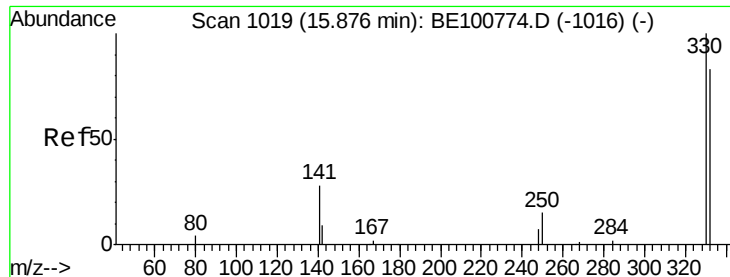


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

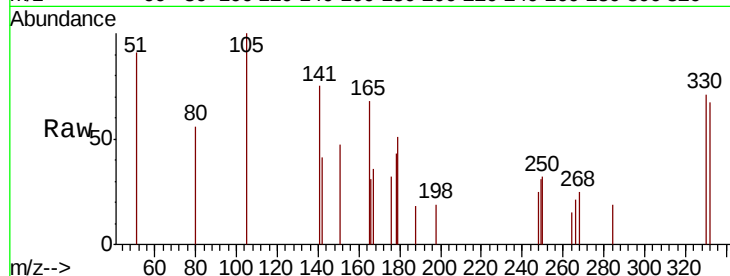




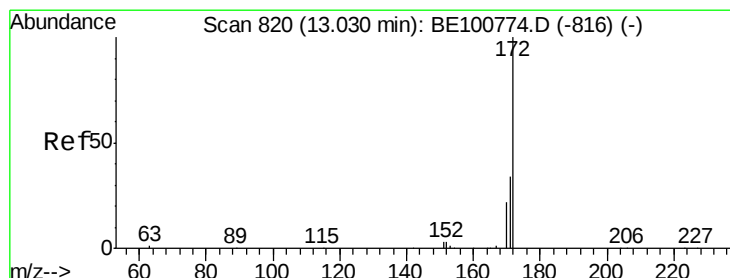
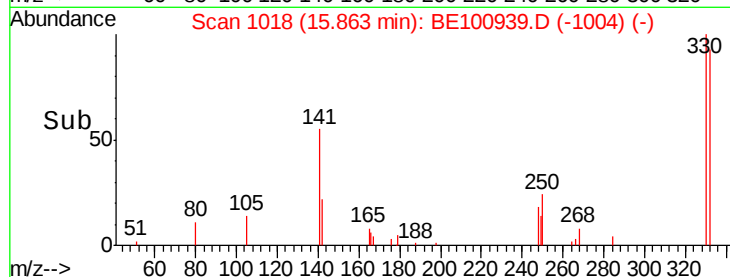
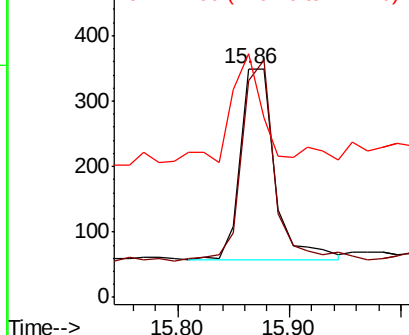
#14
 2,4,6-Tribromophenol
 Concen: 0.405 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100939.D
 Acq: 17 Dec 2019 4:06

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 624
 Ion Ratio Lower Upper
 330 100
 332 101.6 74.1 111.1
 141 53.2 46.7 70.1

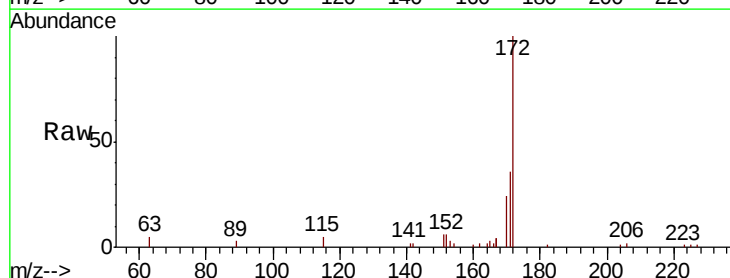


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

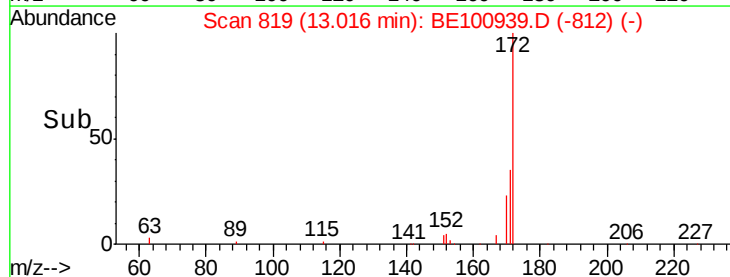
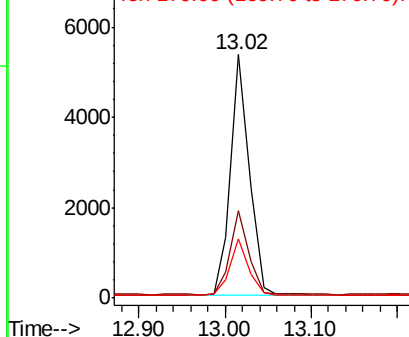


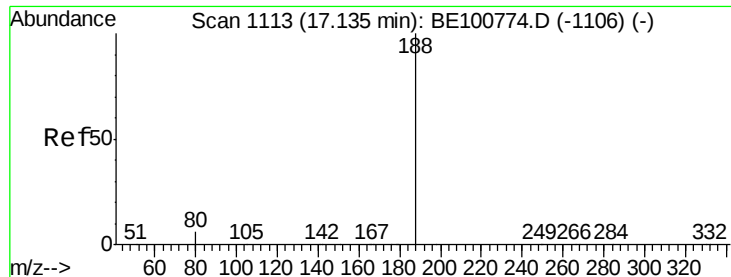
#15
 2-Fluorobiphenyl
 Concen: 0.146 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BE100939.D
 Acq: 17 Dec 2019 4:06

Tgt Ion:172 Resp: 8012
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.2 42.4
 170 24.1 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE100939.D

Acq: 17 Dec 2019 4:06

Instrument :

BNA_E

ClientSampleId :

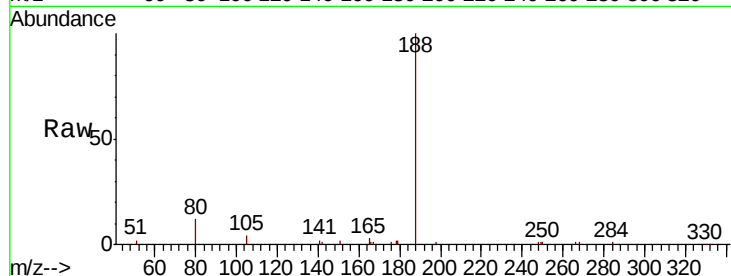
Tot Ion:188 Resp: 34069

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

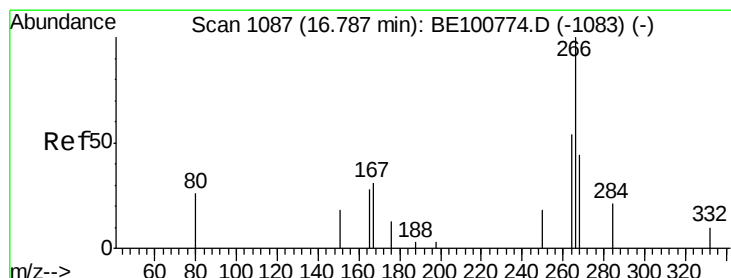
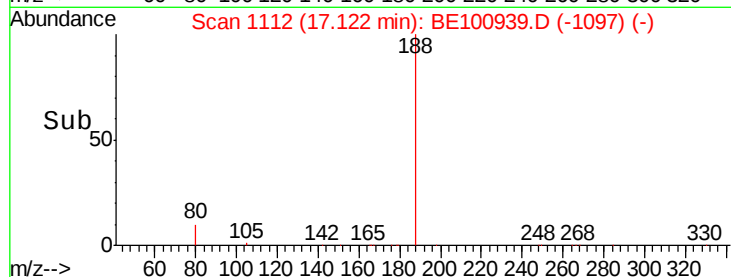
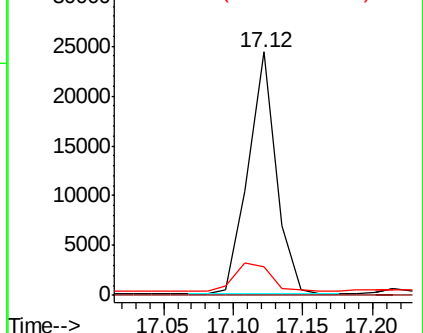
80 11.5 7.9 11.9



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: 0.028 ng

RT: 16.81 min Scan# 1089

Delta R.T. 0.03 min

Lab File: BE100939.D

Acq: 17 Dec 2019 4:06

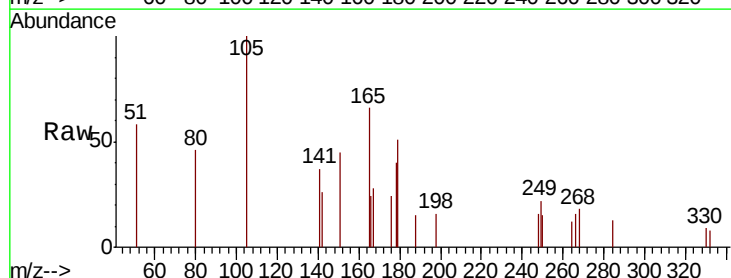
Tgt Ion:266 Resp: 35

Ion Ratio Lower Upper

266 100

264 77.3 55.1 82.7

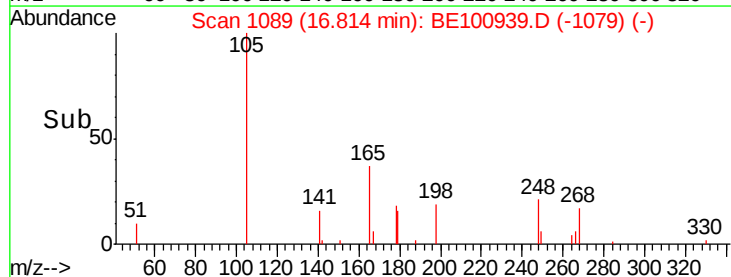
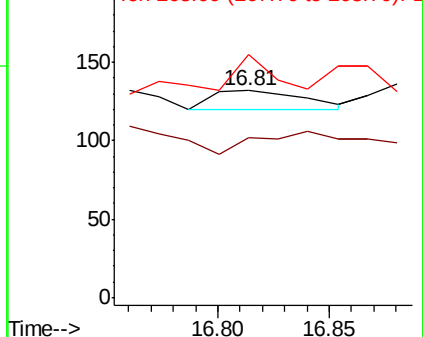
268 117.4 50.7 76.1#

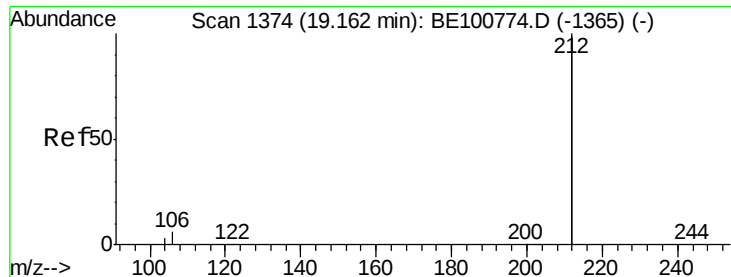


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.180 ng

RT: 19.15 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BE100939.D

Acq: 17 Dec 2019 4:06

Instrument :

BNA_E

ClientSampleId :

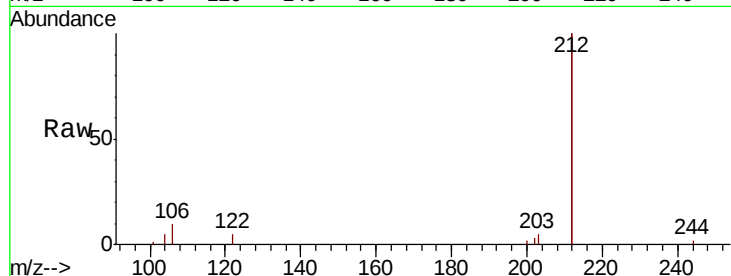
Tot Ion:212 Resp: 72550

Ion Ratio Lower Upper

212 100

106 3.9 2.6 4.0

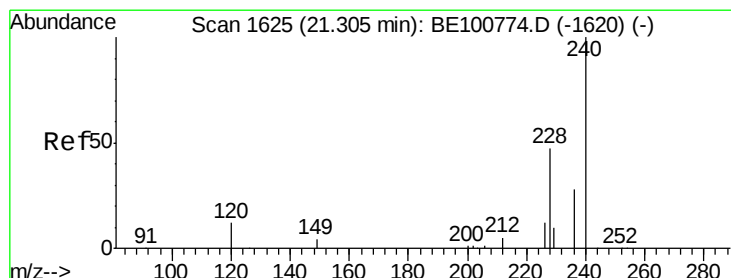
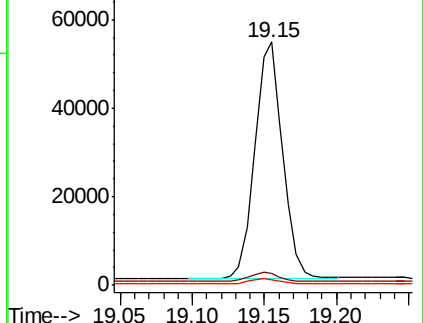
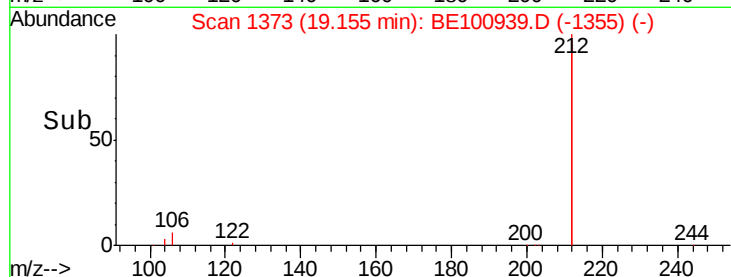
104 2.0 1.4 2.2



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: BE100939.D

Acq: 17 Dec 2019 4:06

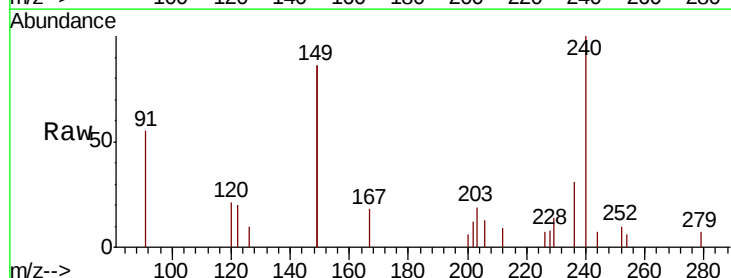
Tgt Ion:240 Resp: 29767

Ion Ratio Lower Upper

240 100

120 21.4 4.0 6.0#

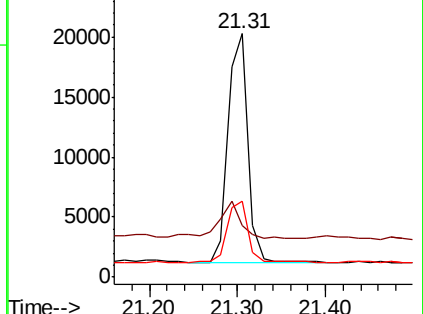
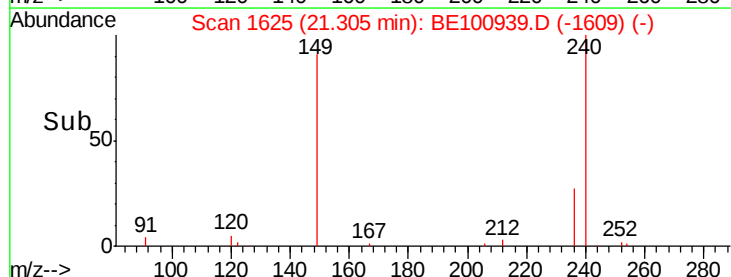
236 31.0 21.6 32.4

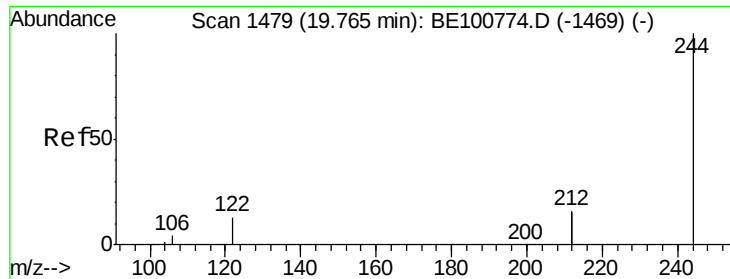


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.191 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE100939.D

Acq: 17 Dec 2019 4:06

Instrument :

BNA_E

ClientSampleId :

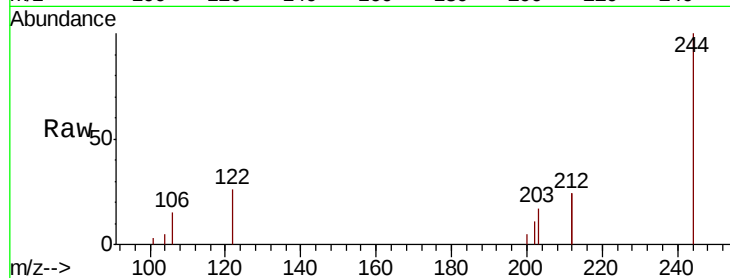
Tot Ion:244 Resp: 13617

Ion Ratio Lower Upper

244 100

212 47.9 25.2 37.8#

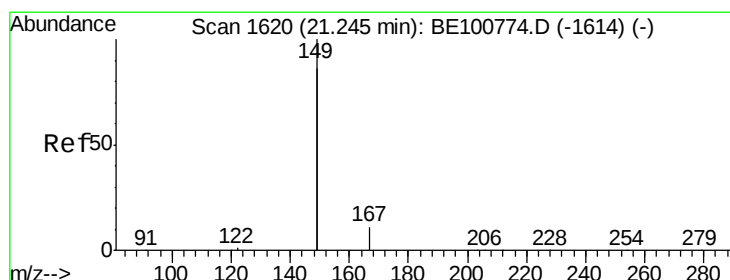
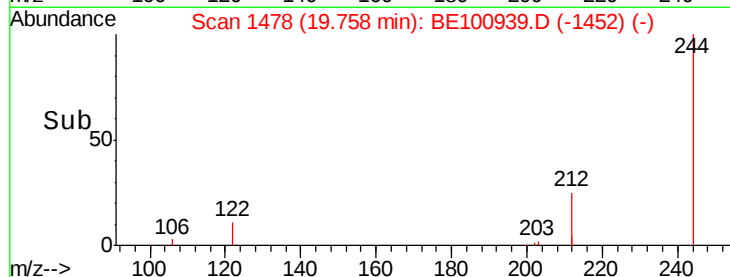
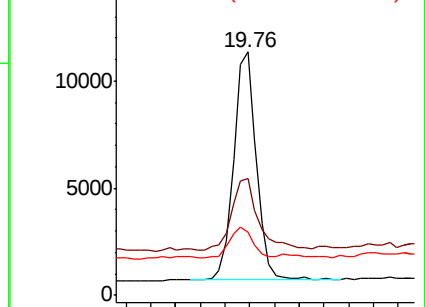
122 25.7 8.9 13.3#



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: 0.725 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100939.D

Acq: 17 Dec 2019 4:06

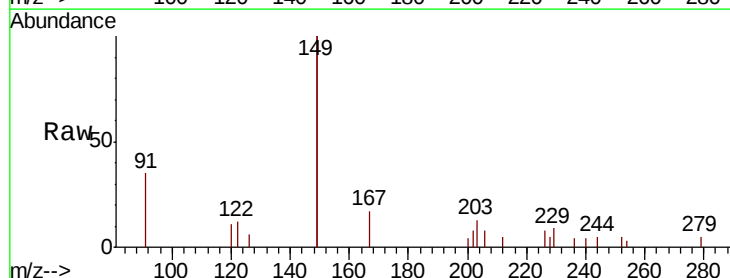
Tgt Ion:149 Resp: 46022

Ion Ratio Lower Upper

149 100

167 5.6 5.0 7.4

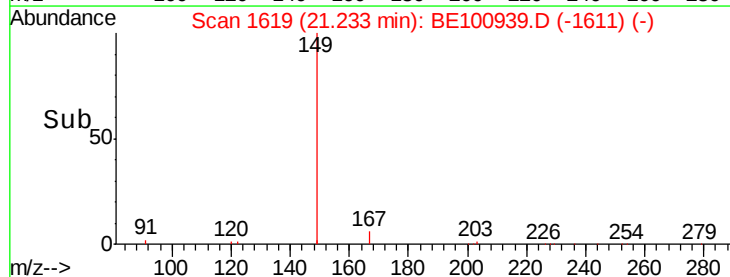
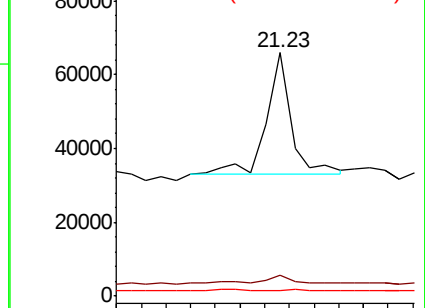
279 0.7 0.6 1.0

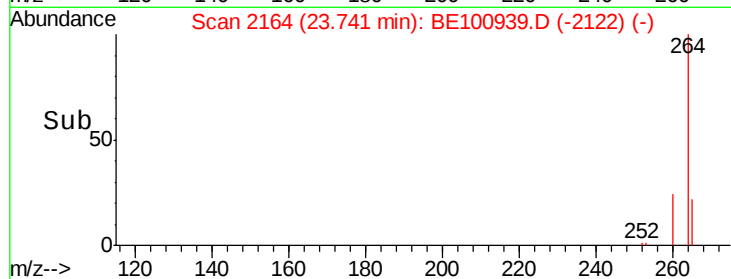
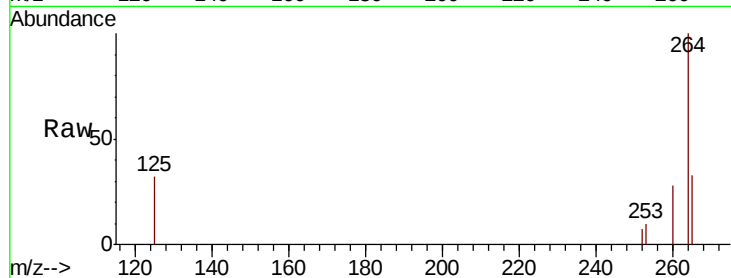


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BE100939.D

Acq: 17 Dec 2019 4:06

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 35928

Ion Ratio Lower Upper

264 100

260 27.6 19.4 29.0

265 32.8 20.1 30.1

