

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061119\
 Data File : BE099936.D
 Acq On : 11 Jun 2019 22:23
 Operator : JU/SJ
 Sample : K3255-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20190604

Quant Time: Jun 12 04:58:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

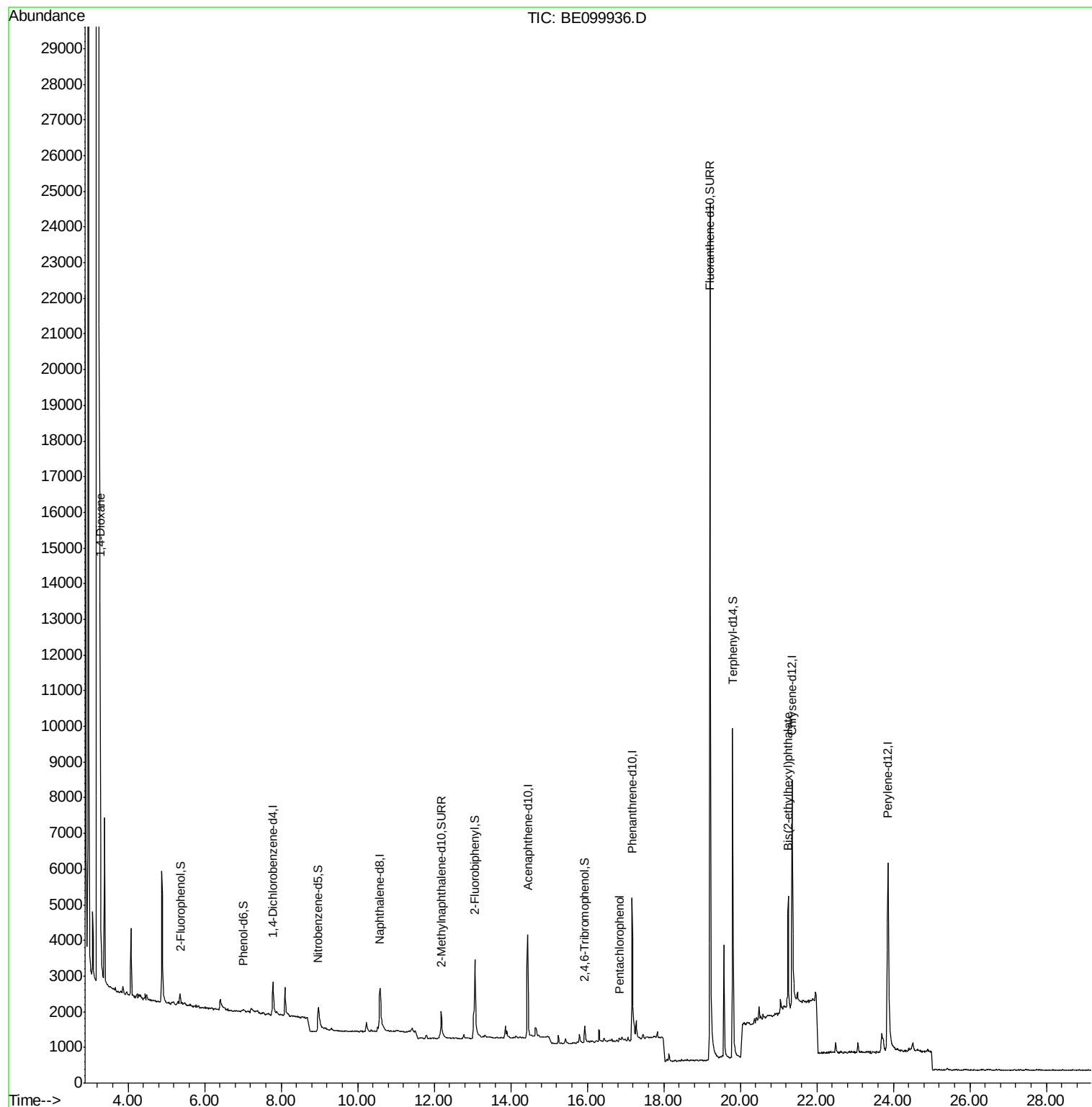
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	670	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	2412	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	2140	0.40	ng	-0.03
19) Phenanthrene-d10	17.17	188	7349	0.40	ng	-0.04
27) Chrysene-d12	21.35	240	9538	0.40	ng	-0.05
34) Perylene-d12	23.86	264	10666	0.40	ng	-0.07
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	277	0.15	ng	0.00
5) Phenol-d6	7.00	99	209	0.09	ng	0.03
8) Nitrobenzene-d5	8.96	82	805	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.18	152	1556	0.37	ng	-0.03
14) 2,4,6-Tribromophenol	15.93	330	488	0.31	ng	-0.04
15) 2-Fluorobiphenyl	13.06	172	3237	0.40	ng	-0.04
25) Fluoranthene-d10	19.21	212	39258	0.37	ng	-0.04
29) Terphenyl-d14	19.81	244	10196	0.59	ng	-0.04
Target Compounds						
2) 1,4-Dioxane	3.27	88	5874	5.924	ng	Qvalue # 89
22) Pentachlorophenol	16.85	266	129	0.363	ng	97
32) Bis(2-ethylhexyl)phthalate	21.26	149	4757	0.116	ng	99

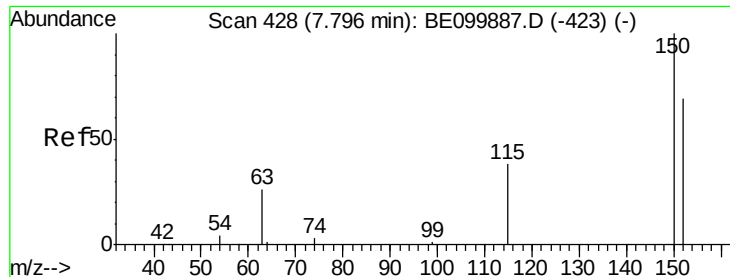
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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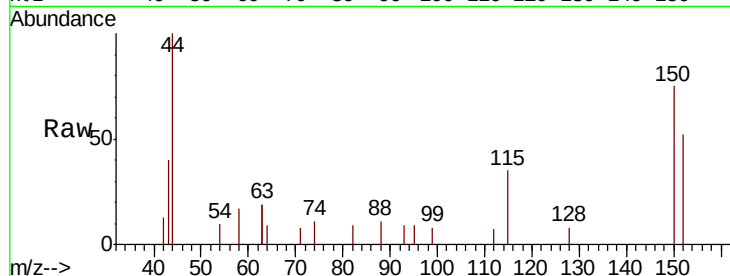


#1

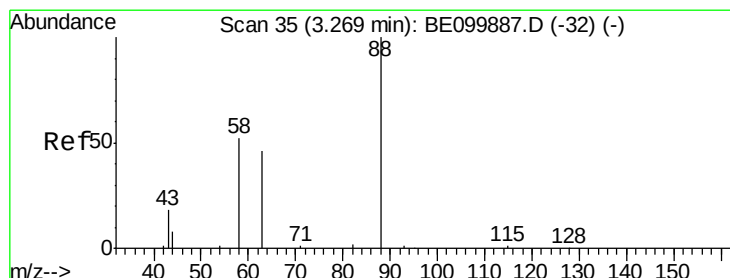
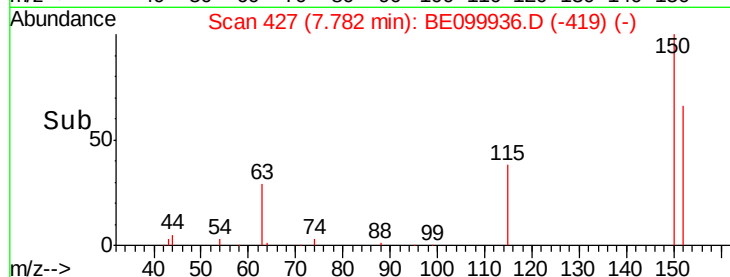
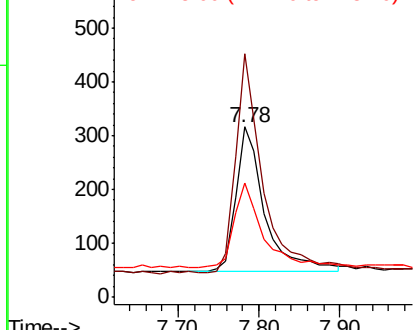
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.78 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BE099936.D
 Acq: 11 Jun 2019 22:23

Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20190604

Tot Ion:152 Resp: 670
 Ion Ratio Lower Upper
 152 100
 150 143.0 111.0 166.6
 115 66.8 50.7 76.1



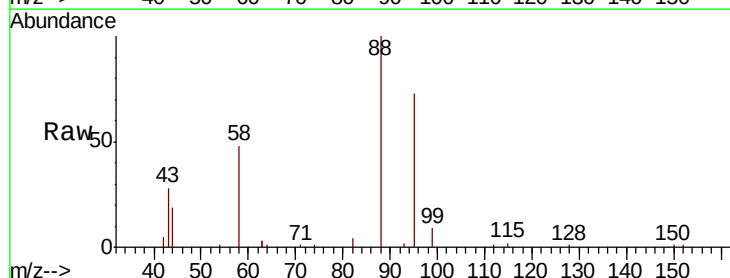
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



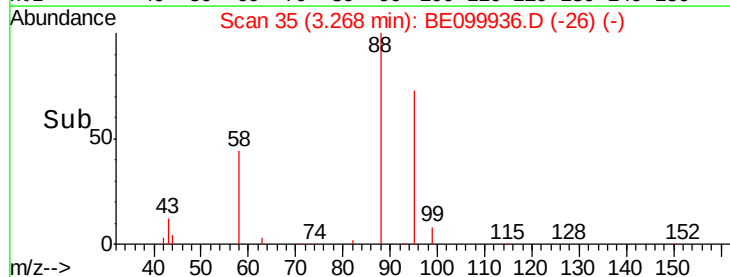
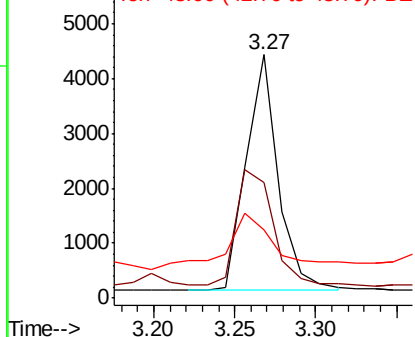
#2

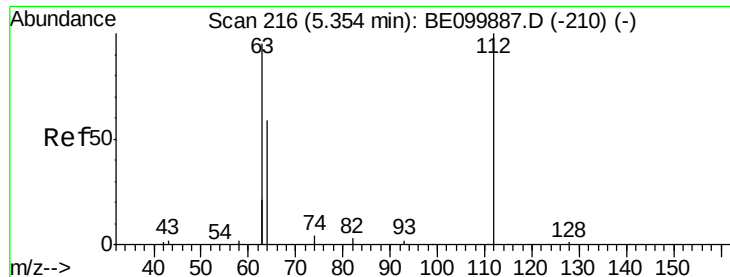
1,4-Dioxane
 Concen: 5.924 ng
 RT: 3.27 min Scan# 35
 Delta R.T. -0.00 min
 Lab File: BE099936.D
 Acq: 11 Jun 2019 22:23

Tgt Ion: 88 Resp: 5874
 Ion Ratio Lower Upper
 88 100
 58 56.2 48.8 73.2
 43 36.0 19.0 28.6#



Abundance Ion 88.00 (87.70 to 88.70): BE0
 Ion 58.00 (57.70 to 58.70): BE0
 Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.153 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099936.D

Acq: 11 Jun 2019 22:23

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190604

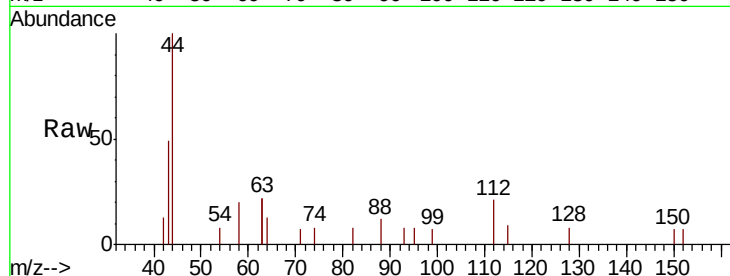
Tot Ion:112 Resp: 277

Ion Ratio Lower Upper

112 100

64 56.3 44.1 66.1

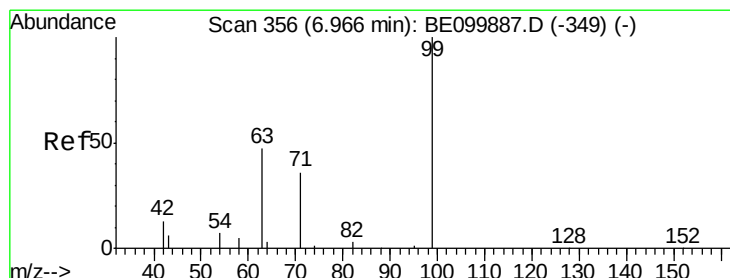
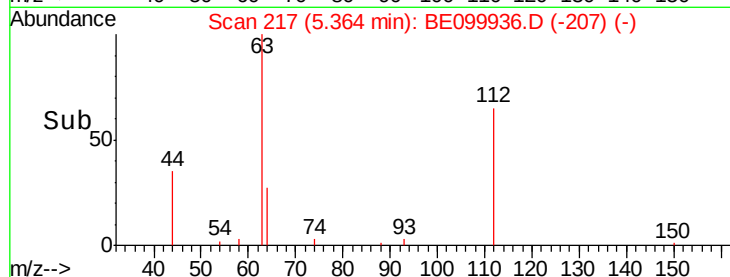
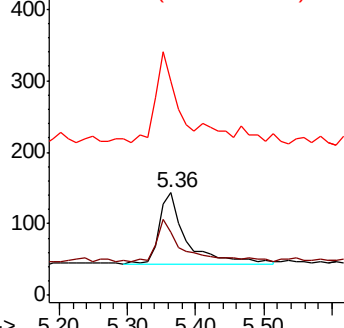
63 93.9 87.8 131.6



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.090 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.03 min

Lab File: BE099936.D

Acq: 11 Jun 2019 22:23

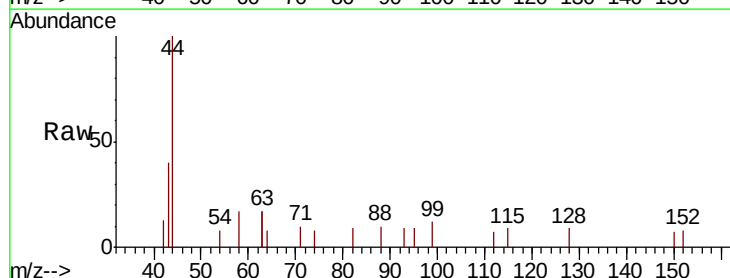
Tgt Ion: 99 Resp: 209

Ion Ratio Lower Upper

99 100

42 12.9 15.9 23.9#

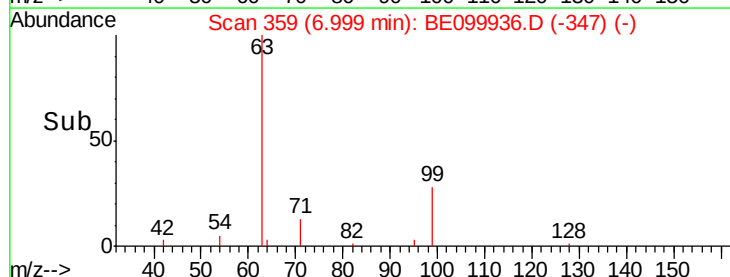
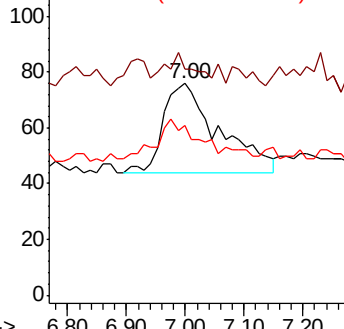
71 0.0 34.6 52.0#

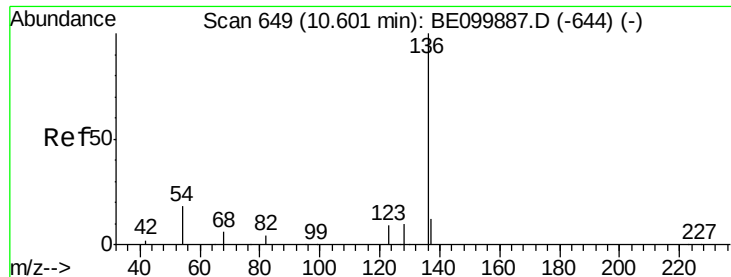


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE099936.D

Acq: 11 Jun 2019 22:23

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190604

Tot Ion:136 Resp: 2412

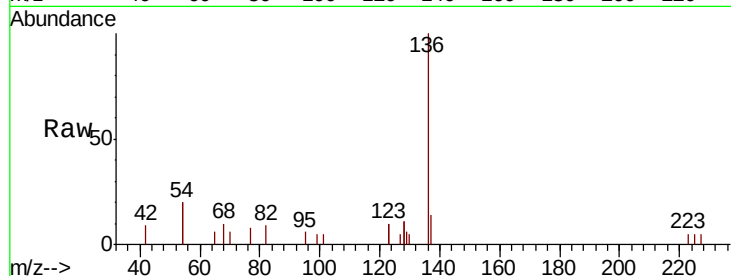
Ion Ratio Lower Upper

136 100

137 14.4 12.3 18.5

54 39.3 28.2 42.4

68 9.8 7.8 11.8

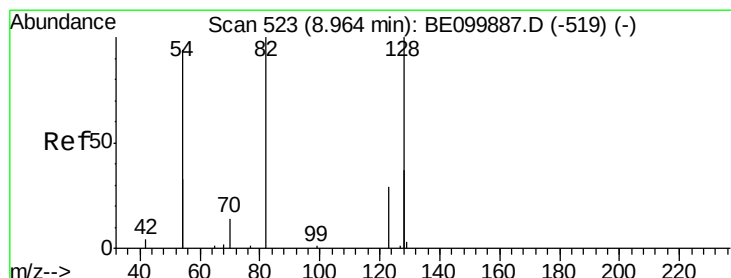
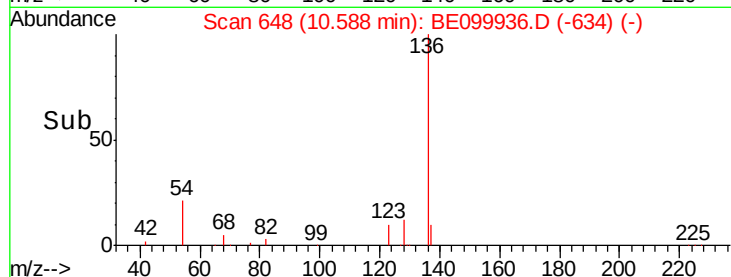
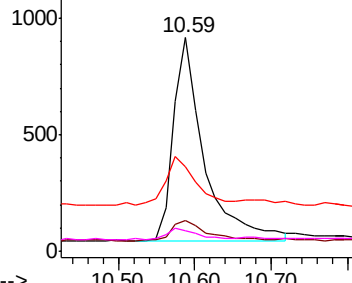


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.352 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099936.D

Acq: 11 Jun 2019 22:23

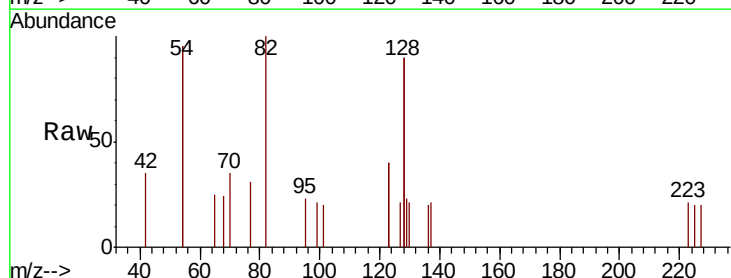
Tgt Ion: 82 Resp: 805

Ion Ratio Lower Upper

82 100

128 180.7 137.3 205.9

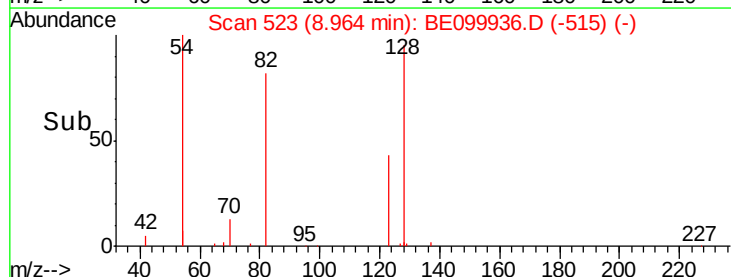
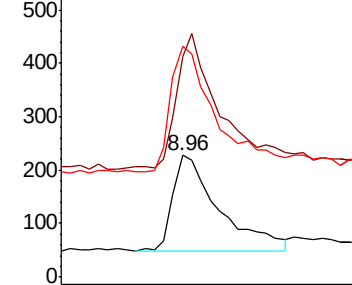
54 189.5 129.7 194.5

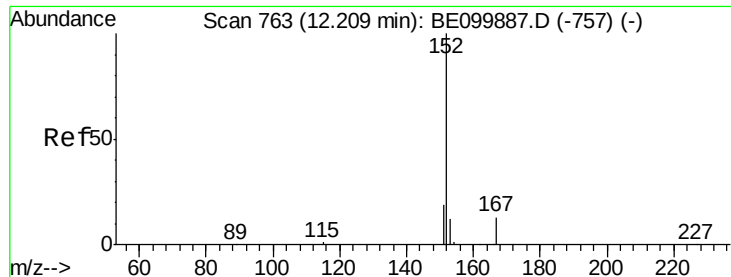


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

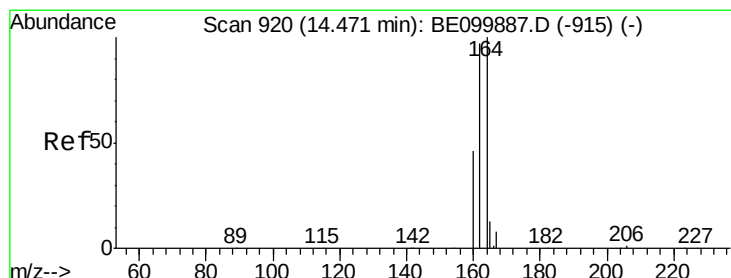
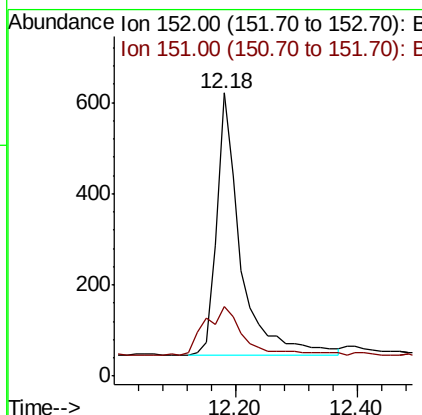
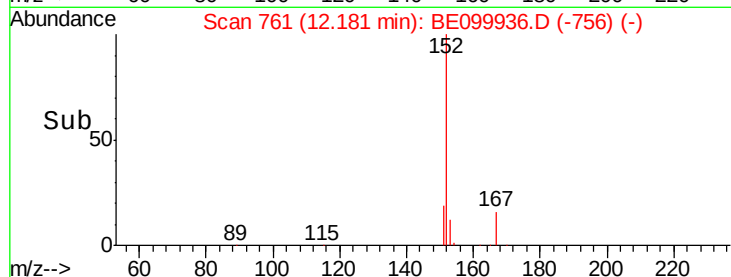
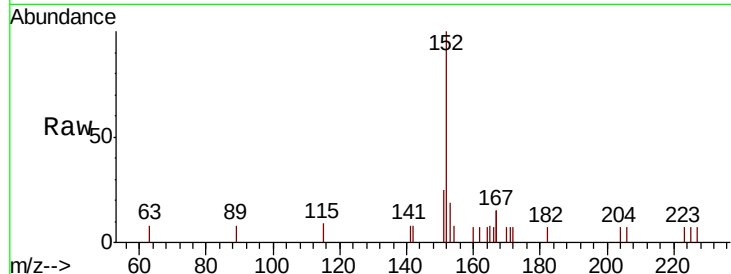




#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.03 min
Lab File: BE099936.D
Acq: 11 Jun 2019 22:23

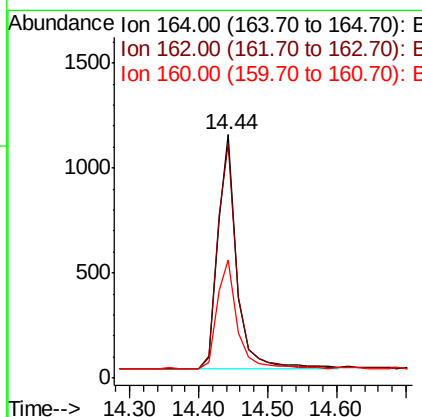
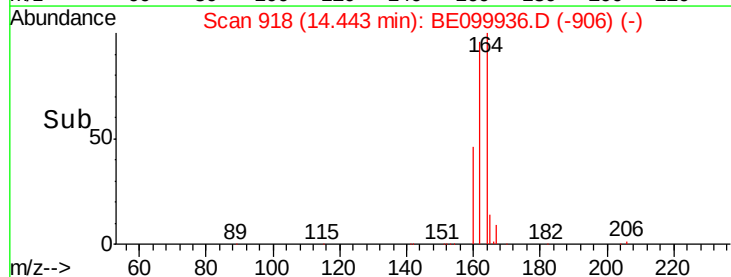
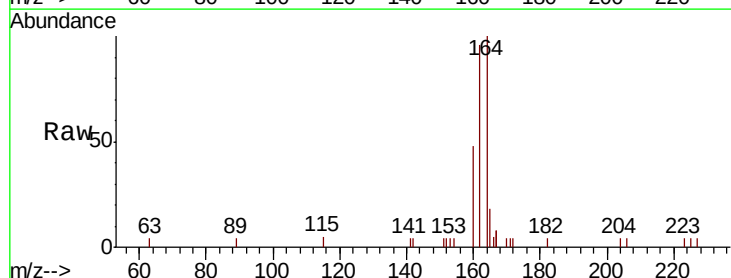
Instrument :
BNA_E
ClientSampleId :
RE122D2-20190604

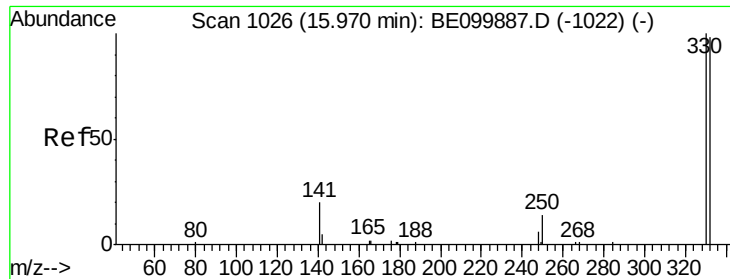
Tot Ion:152 Resp: 1556
Ion Ratio Lower Upper
152 100
151 28.9 15.2 22.8#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.03 min
Lab File: BE099936.D
Acq: 11 Jun 2019 22:23

Tgt Ion:164 Resp: 2140
Ion Ratio Lower Upper
164 100
162 96.3 77.8 116.8
160 48.3 38.2 57.4

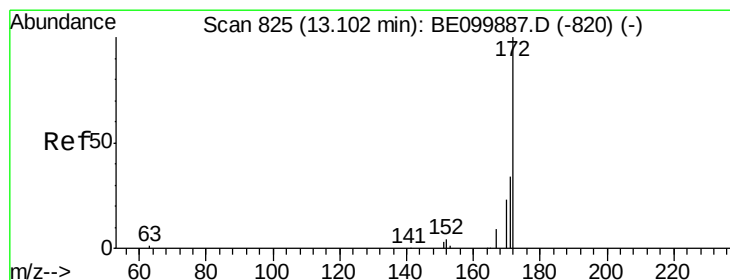
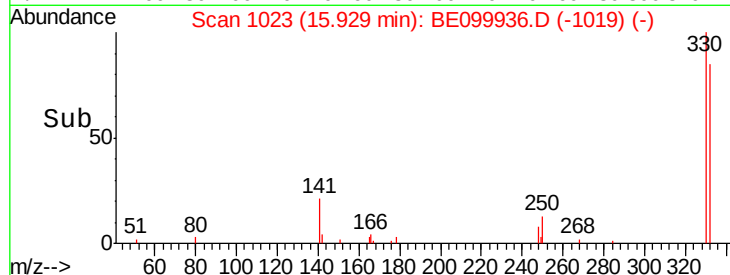
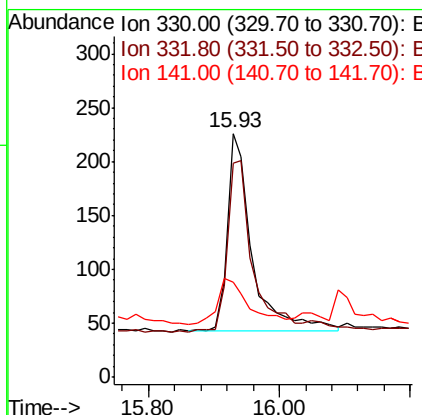
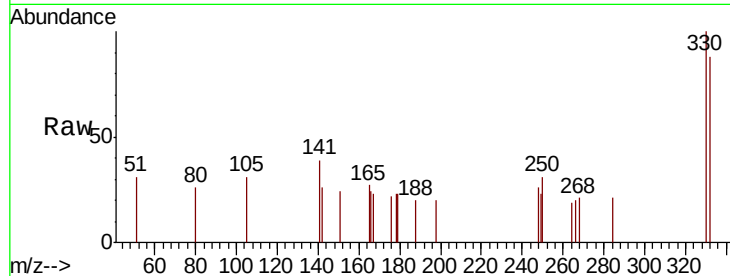




#14
 2,4,6-Tribromophenol
 Concen: 0.309 ng
 RT: 15.93 min Scan# 1023
 Delta R.T. -0.04 min
 Lab File: BE099936.D
 Acq: 11 Jun 2019 22:23

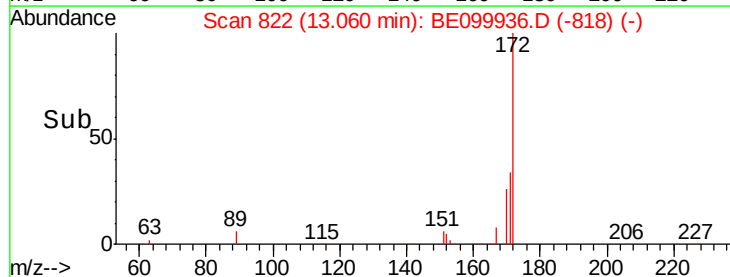
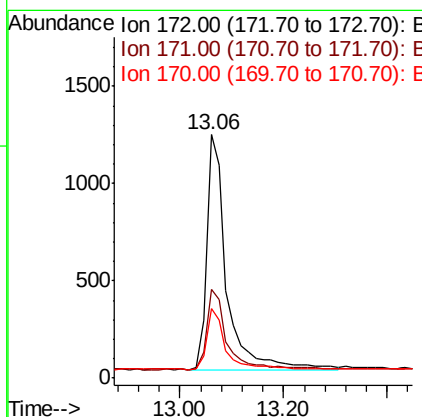
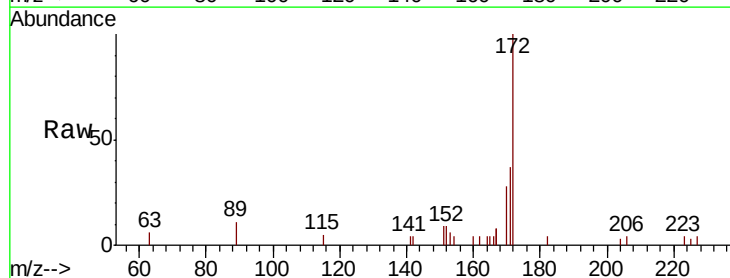
Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20190604

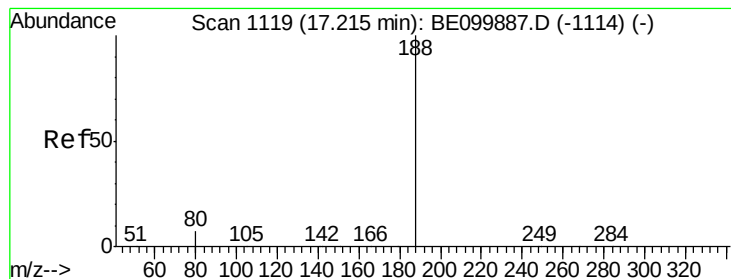
Tot Ion:330 Resp: 488
 Ion Ratio Lower Upper
 330 100
 332 89.1 76.7 115.1
 141 0.0 21.0 31.6#



#15
 2-Fluorobiphenyl
 Concen: 0.399 ng
 RT: 13.06 min Scan# 822
 Delta R.T. -0.04 min
 Lab File: BE099936.D
 Acq: 11 Jun 2019 22:23

Tgt Ion:172 Resp: 3237
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.2 43.8
 170 28.4 21.2 31.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.17 min Scan# 1116

Delta R.T. -0.04 min

Lab File: BE099936.D

Acq: 11 Jun 2019 22:23

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190604

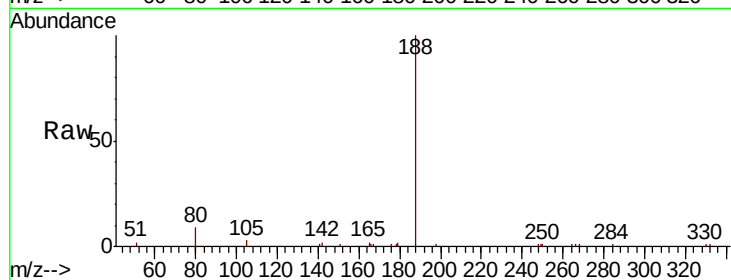
Tot Ion:188 Resp: 7349

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

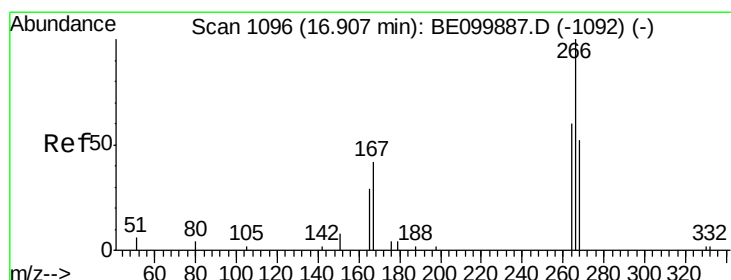
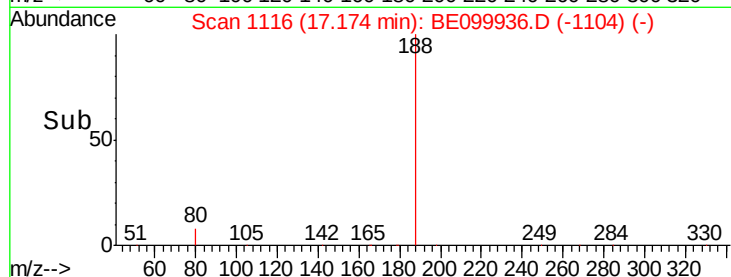
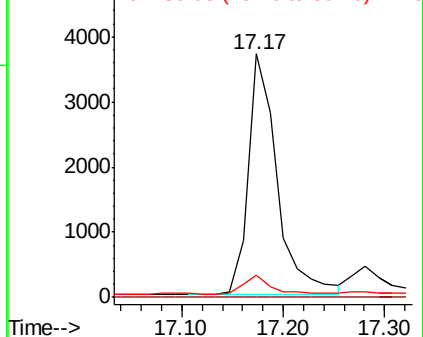
80 8.9 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.363 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.05 min

Lab File: BE099936.D

Acq: 11 Jun 2019 22:23

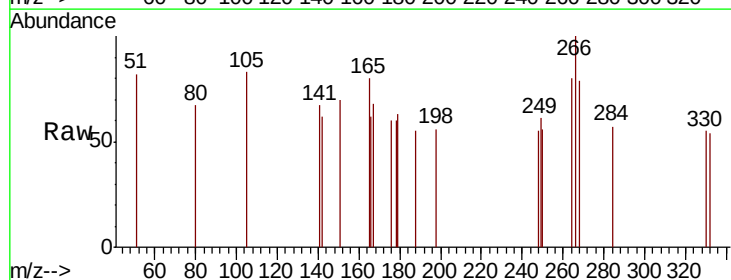
Tgt Ion:266 Resp: 129

Ion Ratio Lower Upper

266 100

264 80.5 62.2 93.2

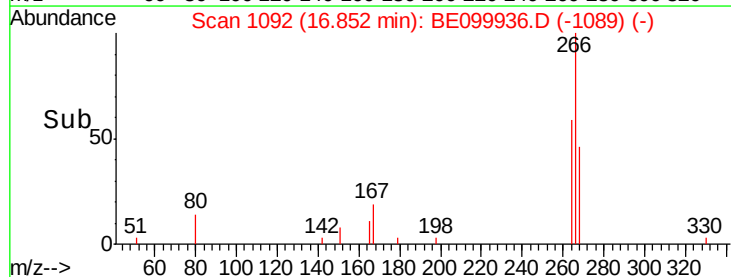
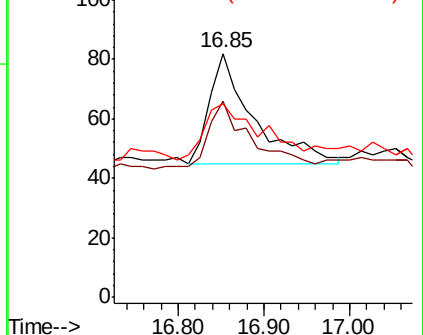
268 79.3 65.5 98.3

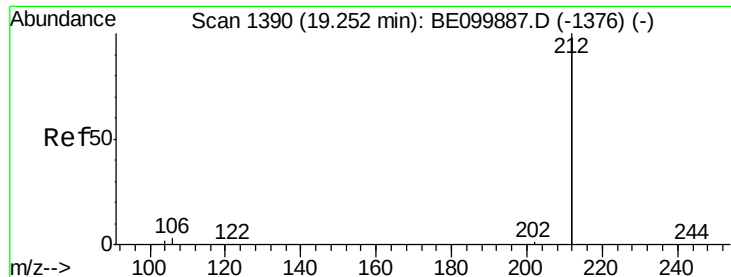


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.367 ng

RT: 19.21 min Scan# 1382

Delta R.T. -0.04 min

Lab File: BE099936.D

Acq: 11 Jun 2019 22:23

Instrument :

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RE122D2-20190604

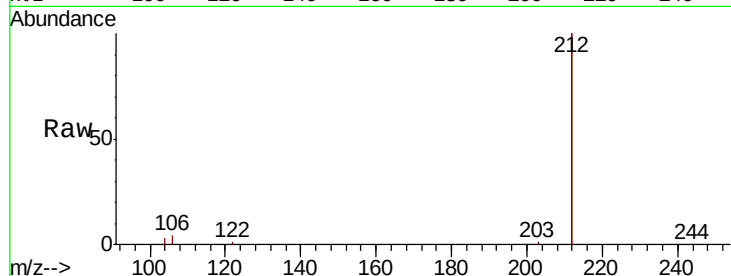
Tot Ion:212 Resp: 39258

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

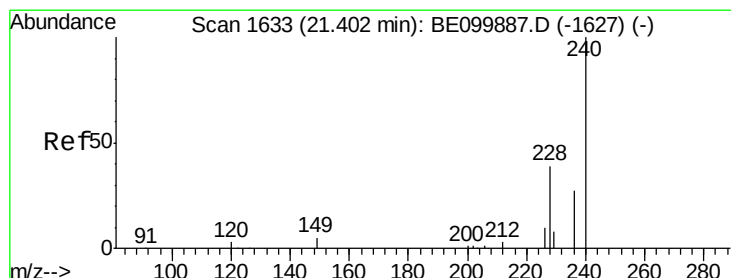
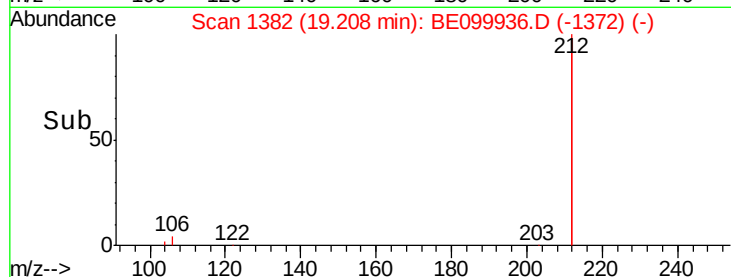
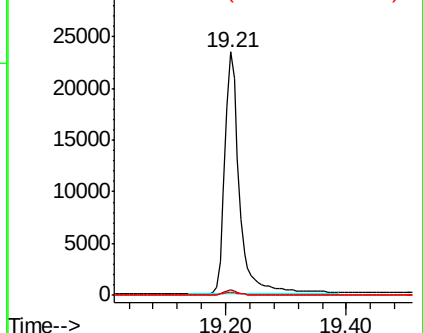
104 1.2 0.9 1.3



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: 21.35 min Scan# 1629

Delta R.T. -0.05 min

Lab File: BE099936.D

Acq: 11 Jun 2019 22:23

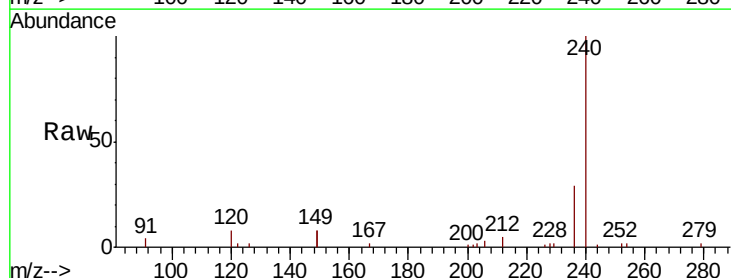
Tgt Ion:240 Resp: 9538

Ion Ratio Lower Upper

240 100

120 8.1 3.8 5.6#

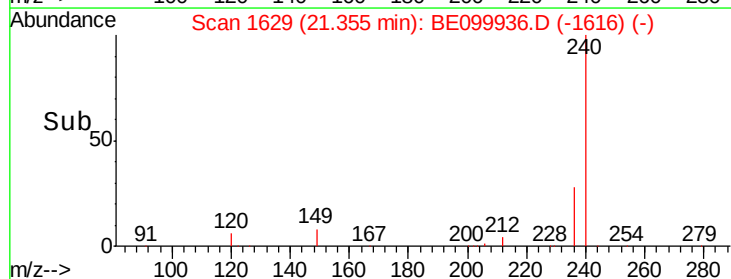
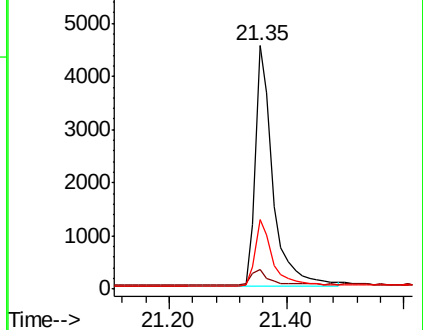
236 28.7 22.0 33.0

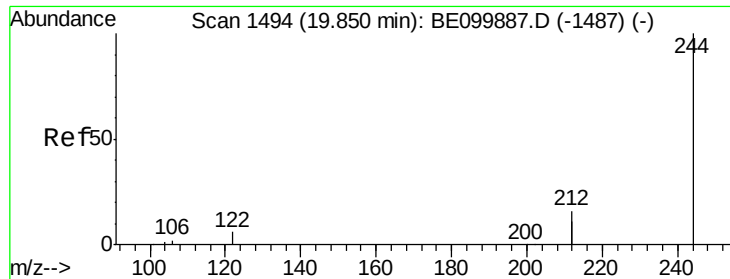


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.594 ng

RT: 19.81 min Scan# 1486

Delta R.T. -0.04 min

Lab File: BE099936.D

Acq: 11 Jun 2019 22:23

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190604

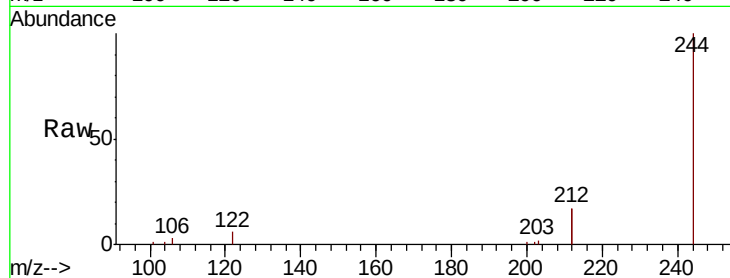
Tot Ion:244 Resp: 10196

Ion Ratio Lower Upper

244 100

212 33.5 25.7 38.5

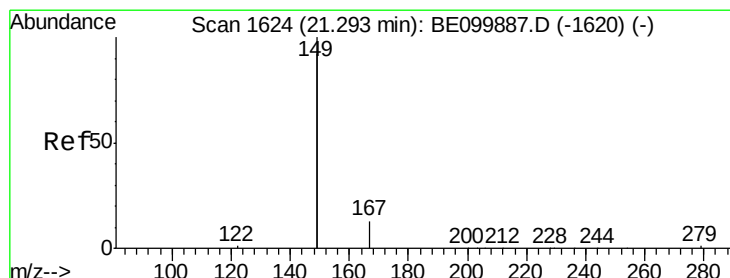
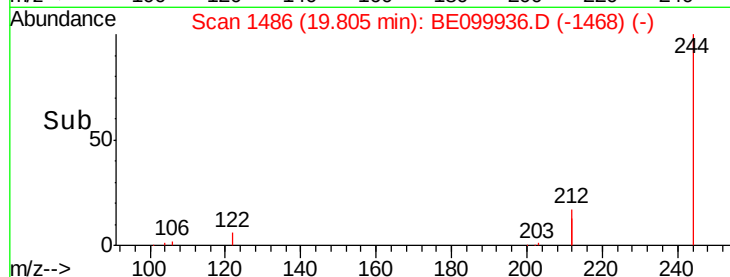
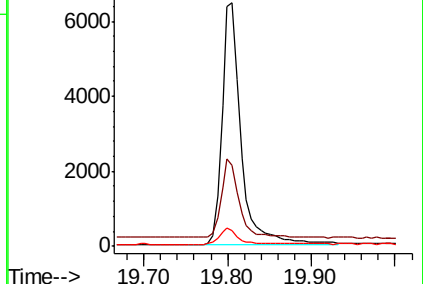
122 6.5 5.5 8.3



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: 0.116 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.04 min

Lab File: BE099936.D

Acq: 11 Jun 2019 22:23

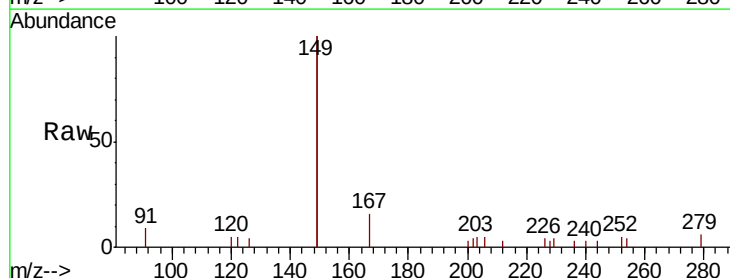
Tgt Ion:149 Resp: 4757

Ion Ratio Lower Upper

149 100

167 7.6 5.9 8.9

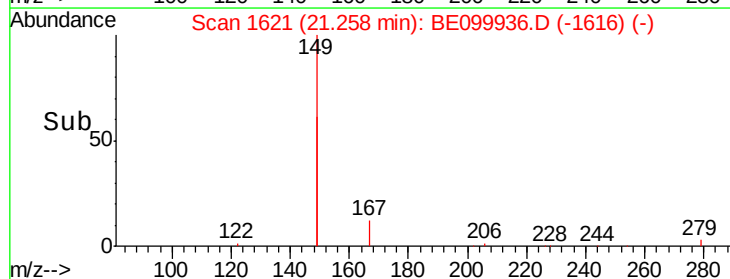
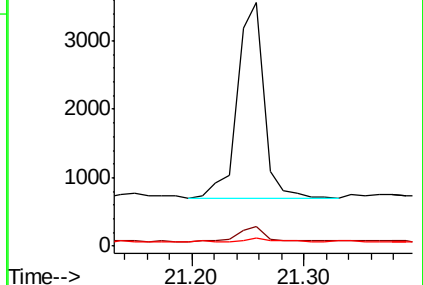
279 1.3 1.2 1.8

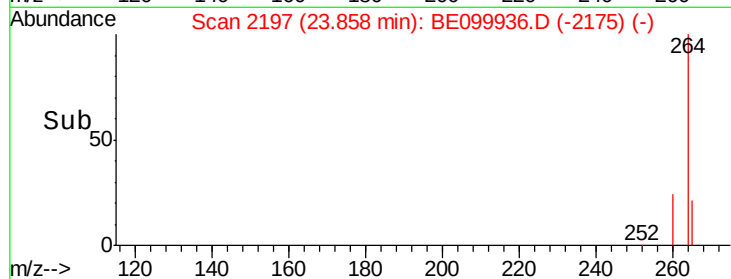
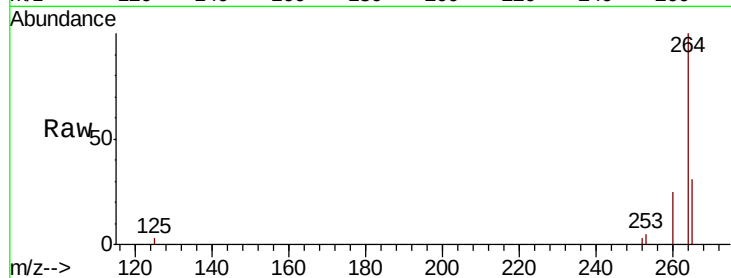
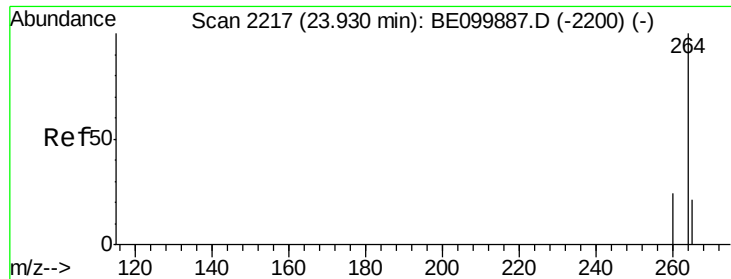


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.86 min Scan# 2197

Delta R.T. -0.07 min

Lab File: BE099936.D

Acq: 11 Jun 2019 22:23

Instrument :

BNA_E

ClientSampleId :

RE122D2-20190604

Tot Ion:264 Resp: 10666

Ion Ratio Lower Upper

264 100

260 25.1 20.2 30.2

265 31.0 22.0 33.0

