

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099956.D
 Acq On : 12 Jun 2019 14:57
 Operator : JU/SJ
 Sample : K3255-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-20190605

Quant Time: Jun 13 04:09:26 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

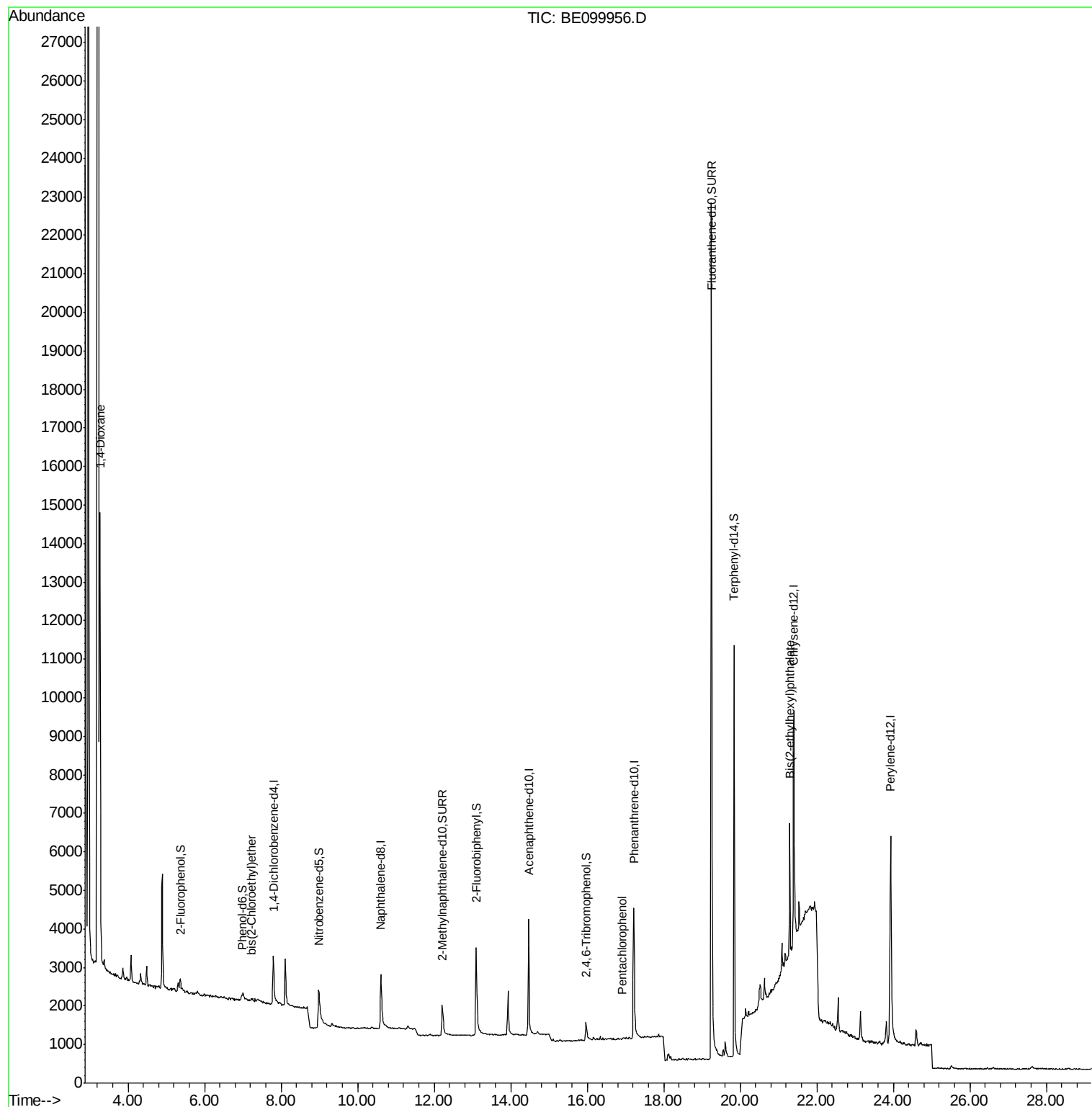
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	840	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2944	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2284	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6809	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9526	0.40	ng	0.00
34) Perylene-d12	23.93	264	10642	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	374	0.16	ng	0.00
5) Phenol-d6	6.97	99	263	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	1076	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1856	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	503	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	4009	0.46	ng	0.00
25) Fluoranthene-d10	19.25	212	37367	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	10978	0.64	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	9716	7.815	ng	Qvalue 94
6) bis(2-Chloroethyl)ether	7.23	93	67	0.028	ng	# 39
22) Pentachlorophenol	16.91	266	5	0.302	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.29	149	4415	0.108	ng	98

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

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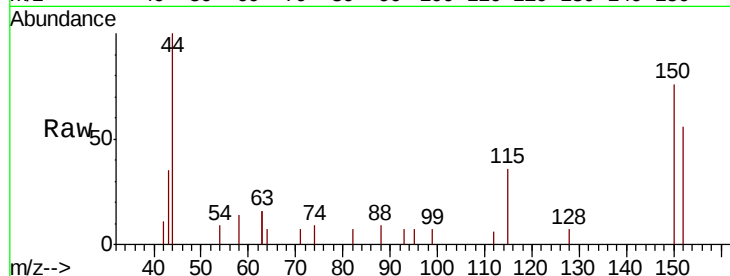


#1

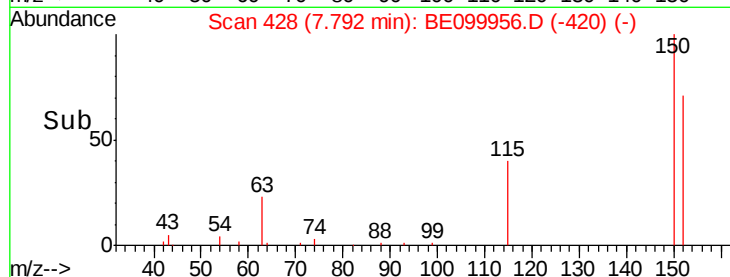
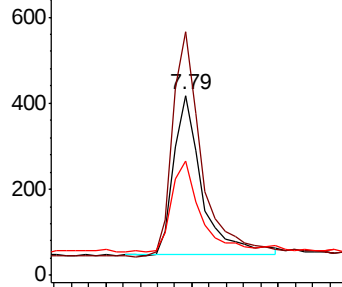
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099956.D
Acq: 12 Jun 2019 14:57

Instrument :
BNA_E
ClientSampleId :
RE103D1-20190605

Tgt Ion:152 Resp: 840
Ion Ratio Lower Upper
152 100
150 135.4 111.0 166.6
115 63.4 50.7 76.1



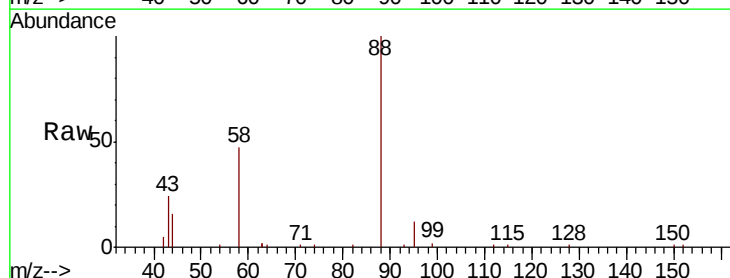
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



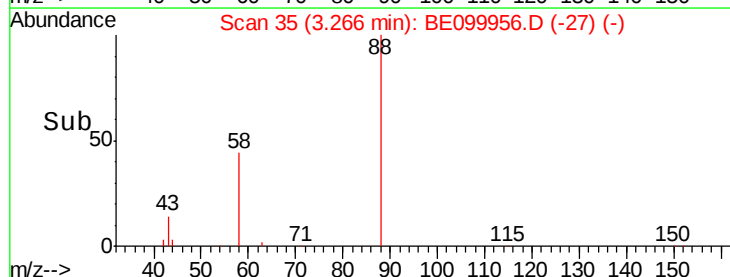
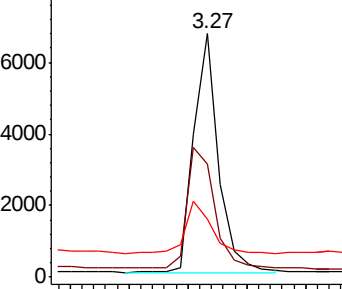
#2

1,4-Dioxane
Concen: 7.815 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099956.D
Acq: 12 Jun 2019 14:57

Tgt Ion: 88 Resp: 9716
Ion Ratio Lower Upper
88 100
58 55.7 48.8 73.2
43 22.8 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: 0.165 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099956.D

Acq: 12 Jun 2019 14:57

Instrument :

BNA_E

ClientSampleId :

RE103D1-20190605

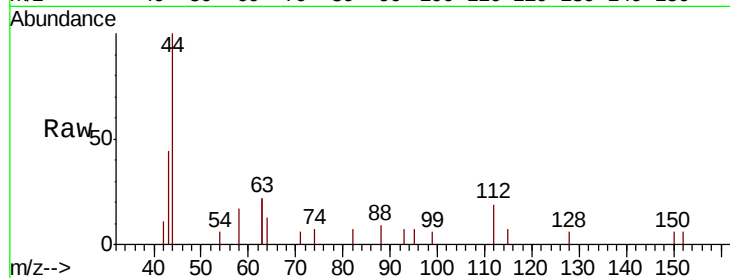
Tgt Ion: 112 Resp: 374

Ion Ratio Lower Upper

112 100

64 50.5 44.1 66.1

63 108.0 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

500

400

300

200

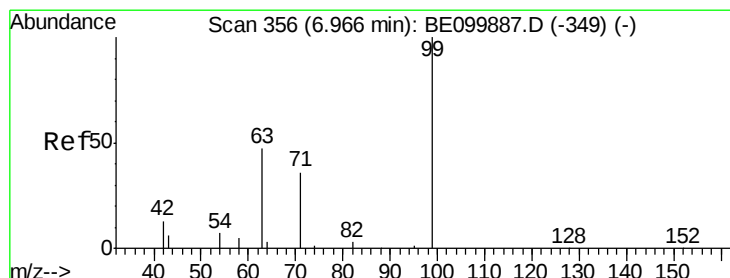
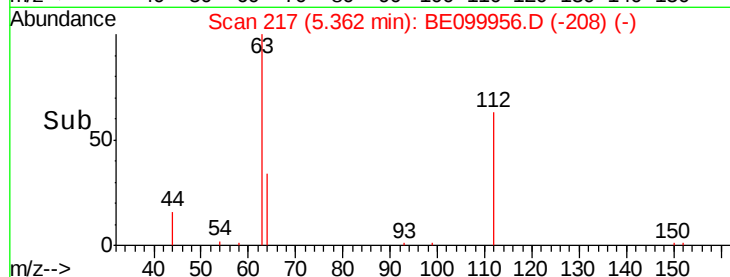
100

0

5.20 5.30 5.40 5.50 5.60

5.36

Time-->



#5

Phenol-d6

Concen: 0.090 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099956.D

Acq: 12 Jun 2019 14:57

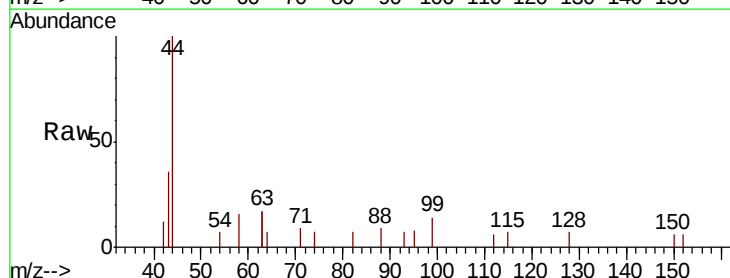
Tgt Ion: 99 Resp: 263

Ion Ratio Lower Upper

99 100

42 16.7 15.9 23.9

71 54.0 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

100

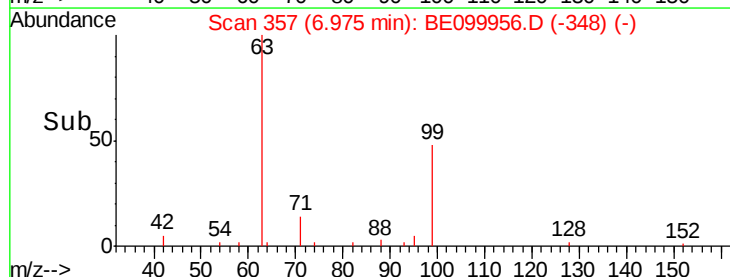
50

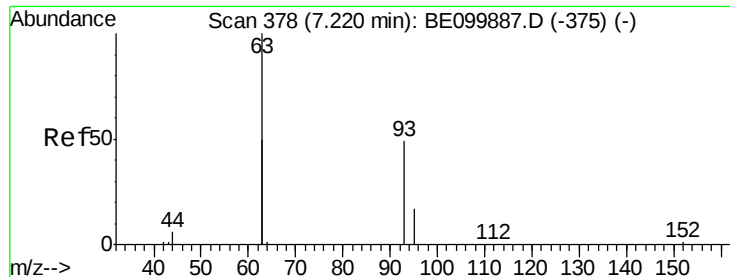
0

6.80 6.90 7.00 7.10

6.97

Time-->



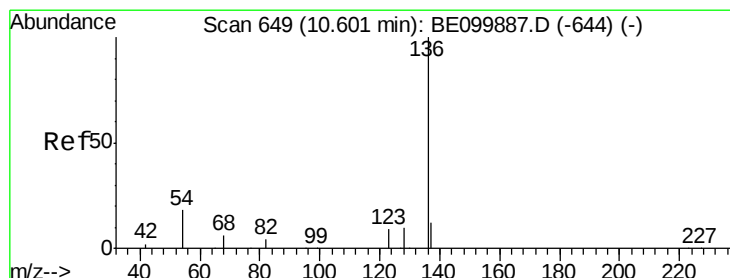
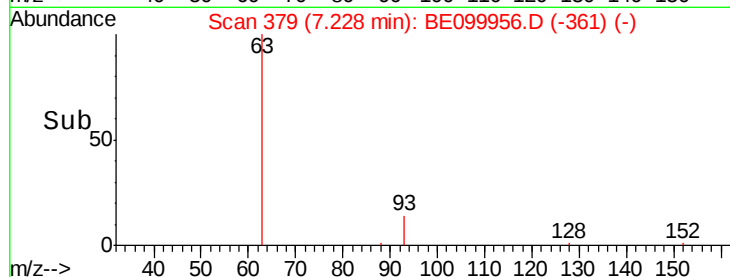
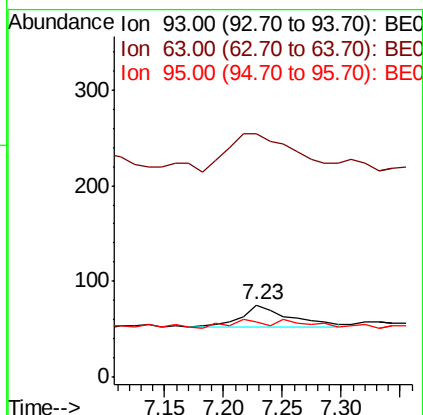
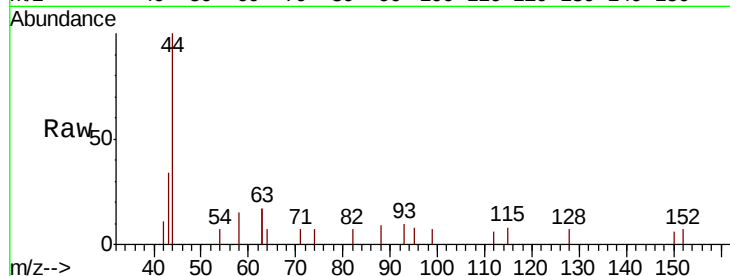


#6

bis(2-Chloroethyl)ether
Concen: 0.028 ng
RT: 7.23 min Scan# 379
Delta R.T. 0.01 min
Lab File: BE099956.D
Acq: 12 Jun 2019 14:57

Instrument :
BNA_E
ClientSampleId :
RE103D1-20190605

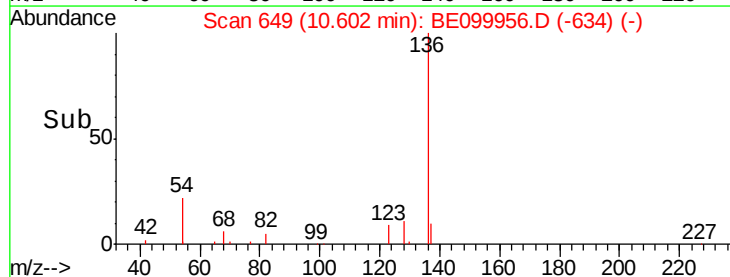
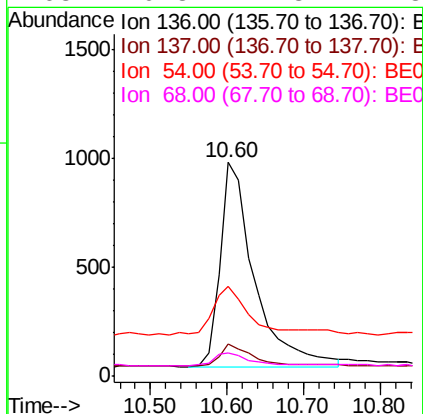
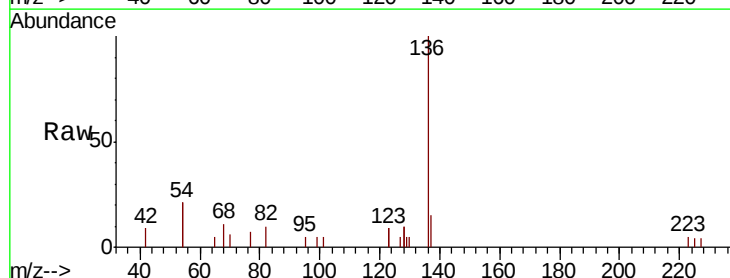
Tgt Ion: 93 Resp: 67
Ion Ratio Lower Upper
93 100
63 373.1 202.8 304.2#
95 26.9 23.7 35.5



#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE099956.D
Acq: 12 Jun 2019 14:57

Tgt Ion: 136 Resp: 2944
Ion Ratio Lower Upper
136 100
137 14.8 12.3 18.5
54 42.1 28.2 42.4
68 10.8 7.8 11.8





#8

Nitrobenzene-d5

Concen: 0.386 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099956.D

Acq: 12 Jun 2019 14:57

Instrument :

BNA_E

ClientSampleId :

RE103D1-20190605

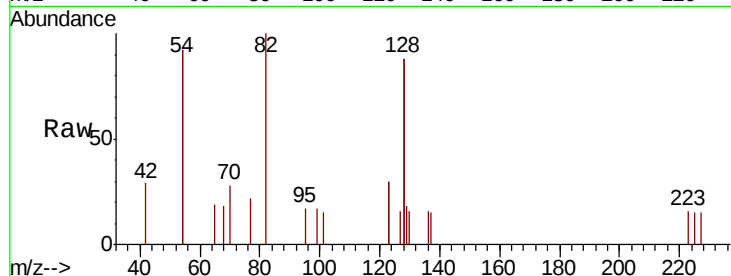
Tgt Ion: 82 Resp: 1076

Ion Ratio Lower Upper

82 100

128 176.4 137.3 205.9

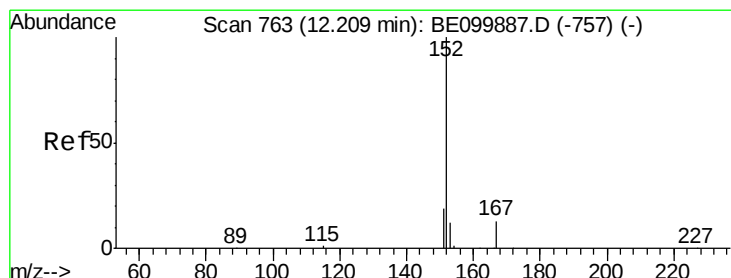
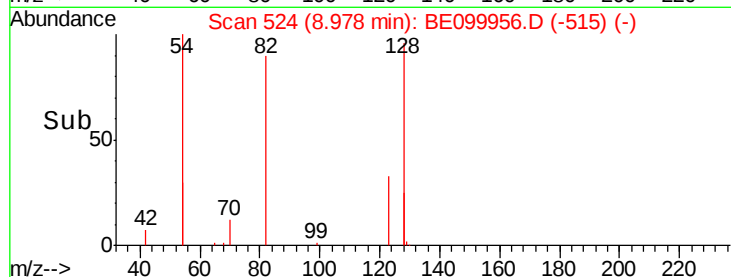
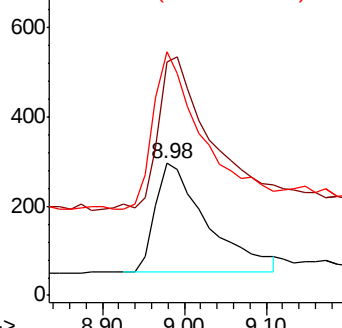
54 184.5 129.7 194.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.362 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099956.D

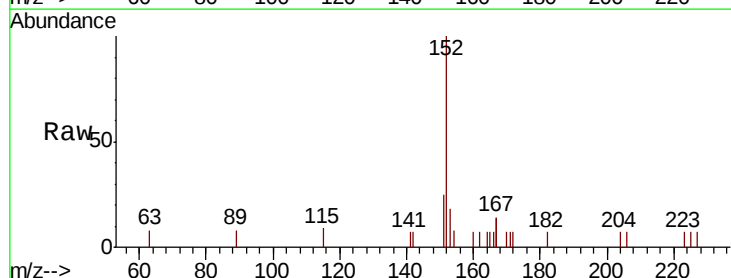
Acq: 12 Jun 2019 14:57

Tgt Ion: 152 Resp: 1856

Ion Ratio Lower Upper

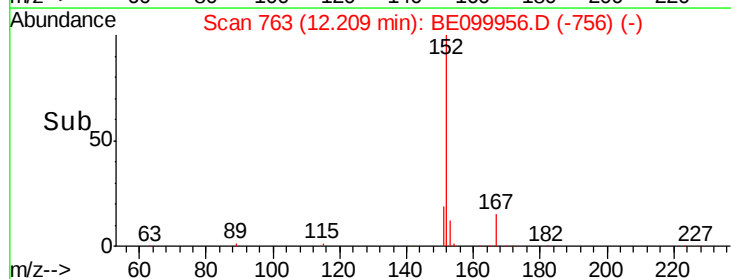
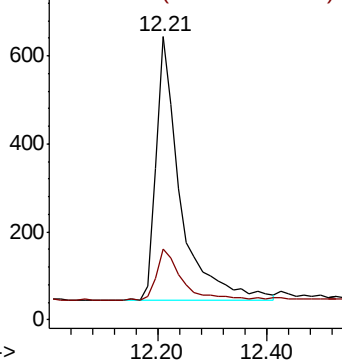
152 100

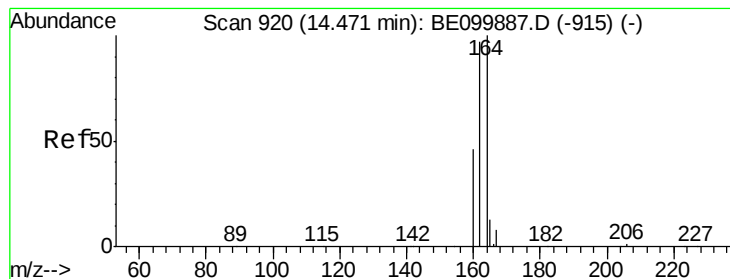
151 20.3 15.2 22.8



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: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099956.D

Acq: 12 Jun 2019 14:57

Instrument :

BNA_E

ClientSampleId :

RE103D1-20190605

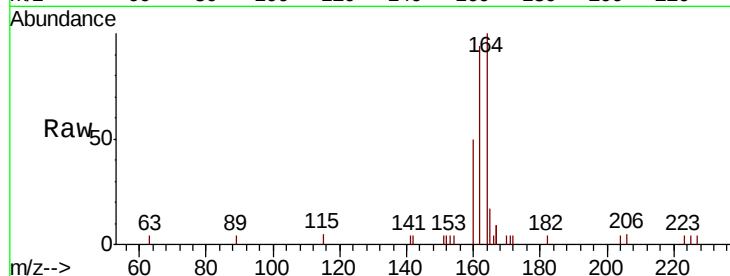
Tgt Ion:164 Resp: 2284

Ion Ratio Lower Upper

164 100

162 94.2 77.8 116.8

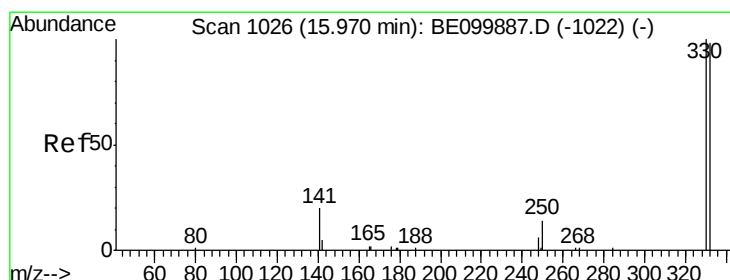
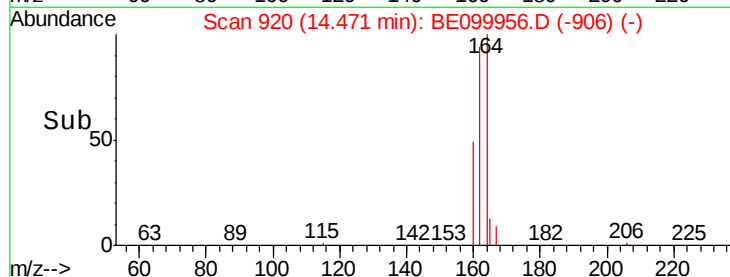
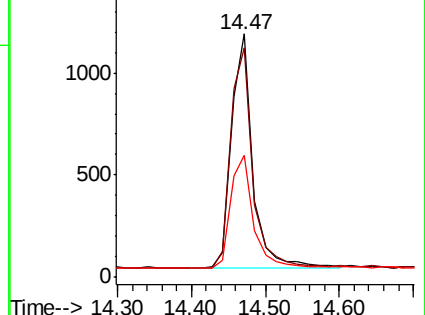
160 50.2 38.2 57.4



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: 0.298 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099956.D

Acq: 12 Jun 2019 14:57

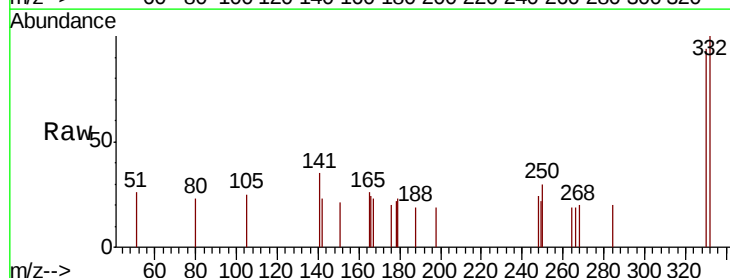
Tgt Ion:330 Resp: 503

Ion Ratio Lower Upper

330 100

332 101.8 76.7 115.1

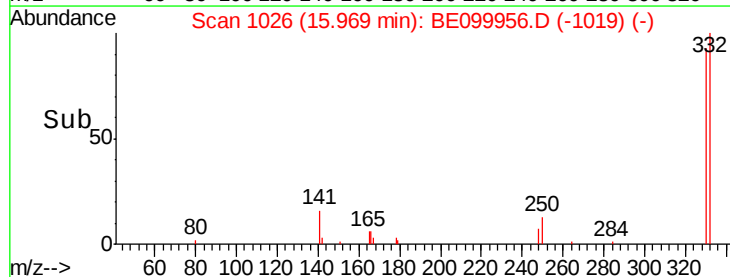
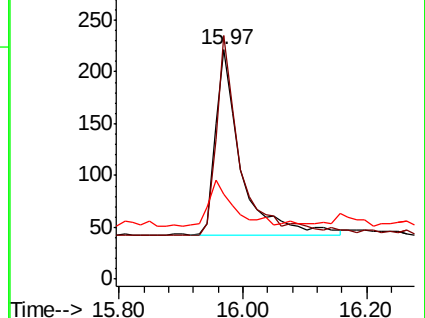
141 24.7 21.0 31.6

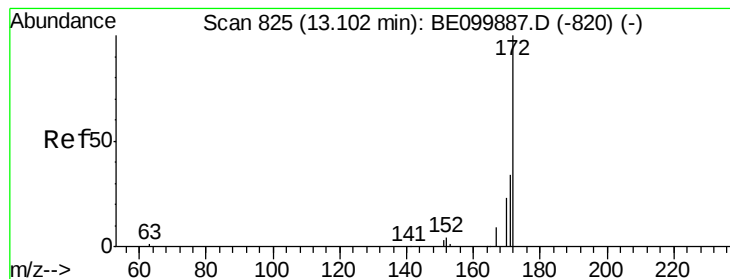


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.463 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099956.D

Acq: 12 Jun 2019 14:57

Instrument :

BNA_E

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RE103D1-20190605

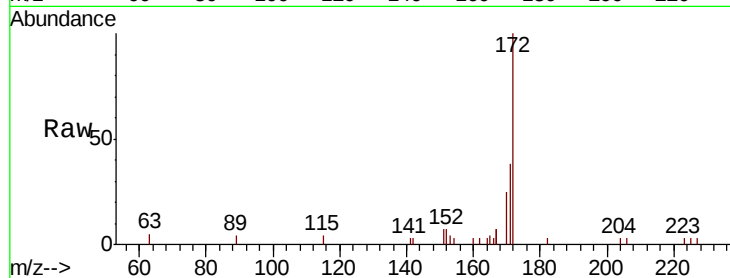
Tgt Ion:172 Resp: 4009

Ion Ratio Lower Upper

172 100

171 37.7 29.2 43.8

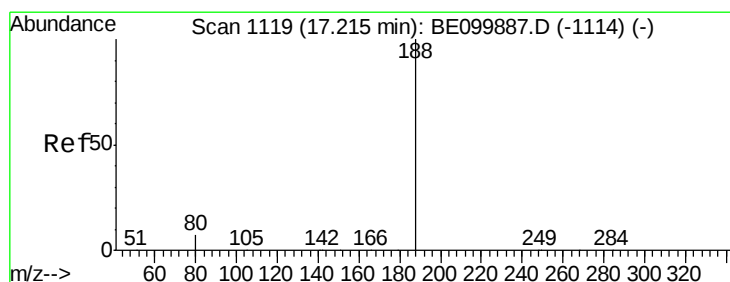
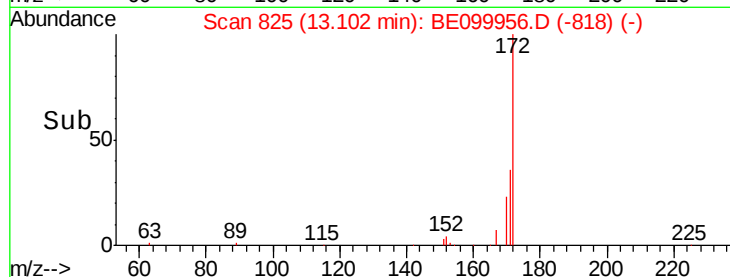
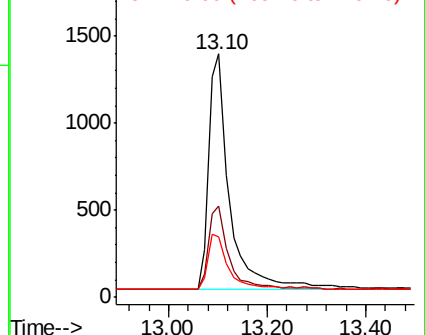
170 25.0 21.2 31.8



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099956.D

Acq: 12 Jun 2019 14:57

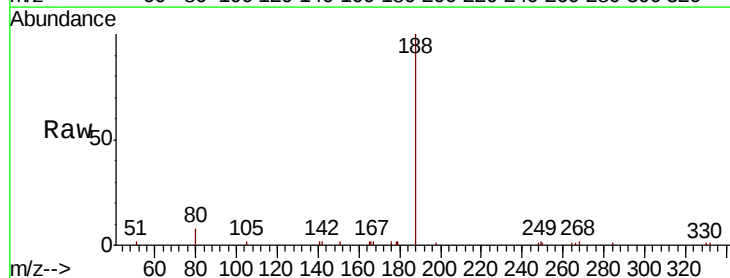
Tgt Ion:188 Resp: 6809

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

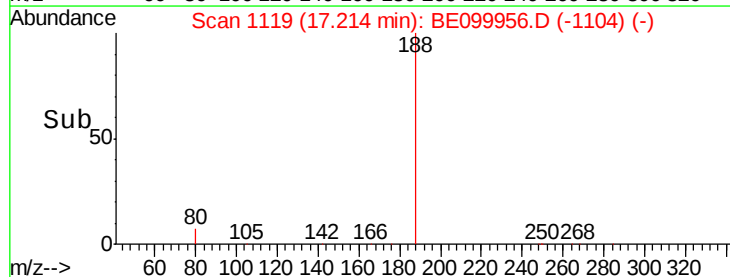
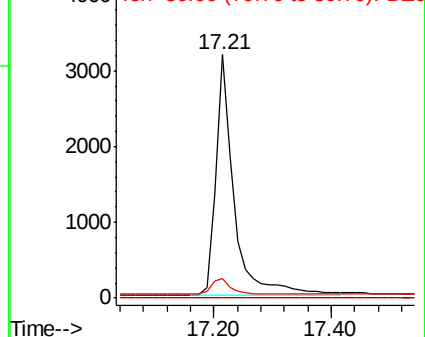
80 8.2 6.4 9.6

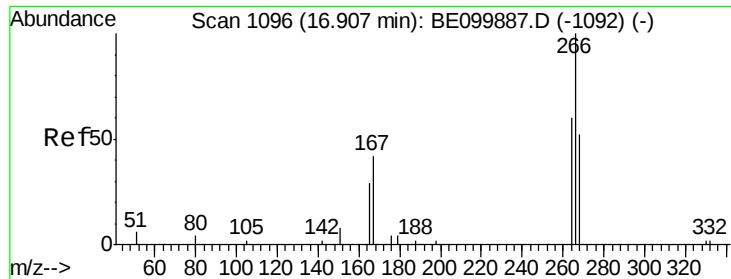


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

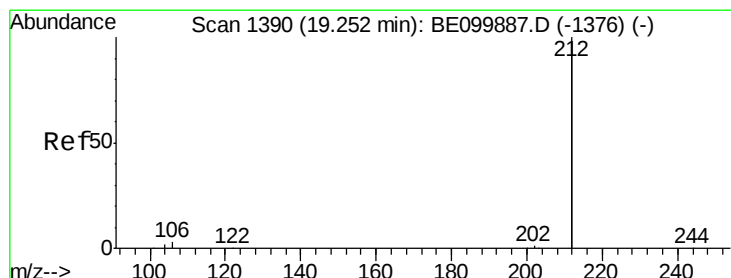
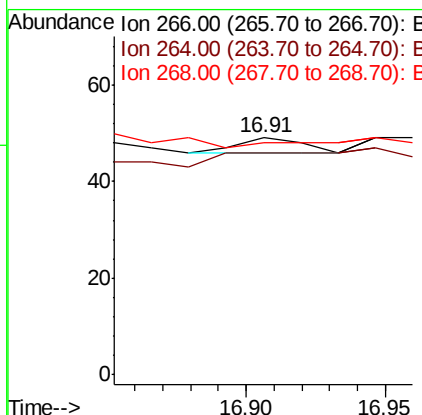
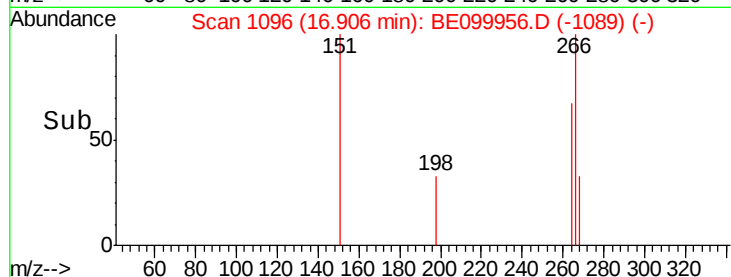
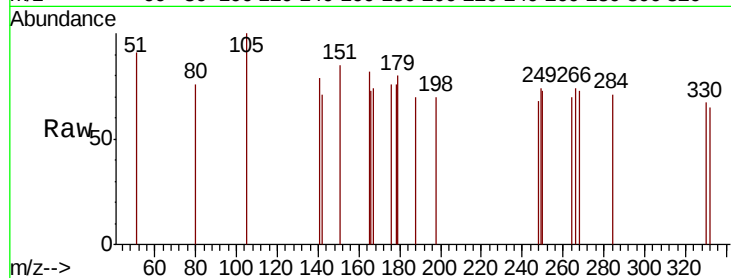




#22
 Pentachlorophenol
 Concen: 0.302 ng
 RT: 16.91 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: BE099956.D
 Acq: 12 Jun 2019 14:57

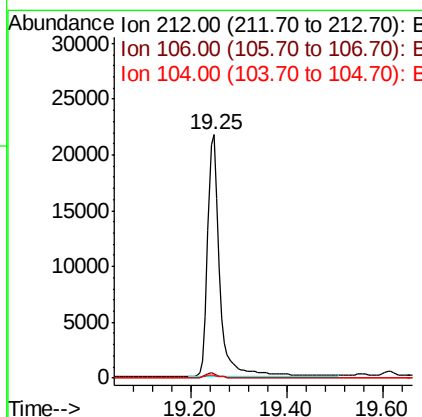
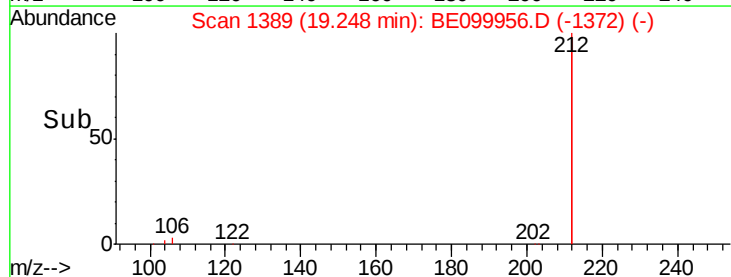
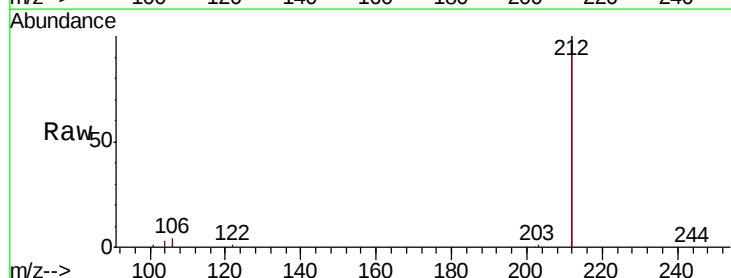
Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-20190605

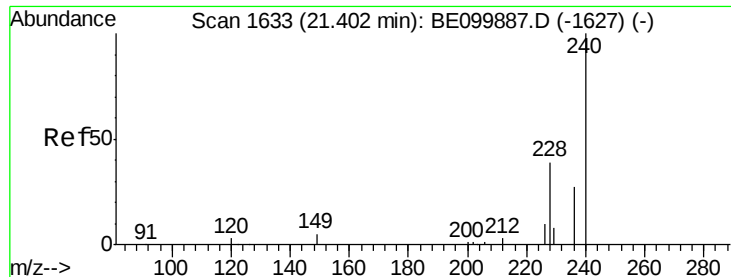
Tgt Ion: 266 Resp: 5
 Ion Ratio Lower Upper
 266 100
 264 93.9 62.2 93.2#
 268 98.0 65.5 98.3



#25
 Fluoranthene-d10
 Concen: 0.377 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BE099956.D
 Acq: 12 Jun 2019 14:57

Tgt Ion: 212 Resp: 37367
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.9 1.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099956.D

Acq: 12 Jun 2019 14:57

Instrument :

BNA_E

ClientSampleId :

RE103D1-20190605

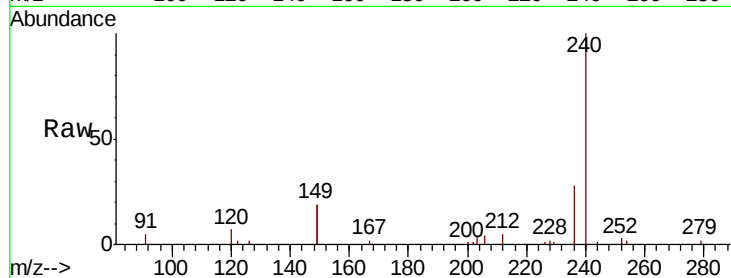
Tgt Ion:240 Resp: 9526

Ion Ratio Lower Upper

240 100

120 7.3 3.8 5.6#

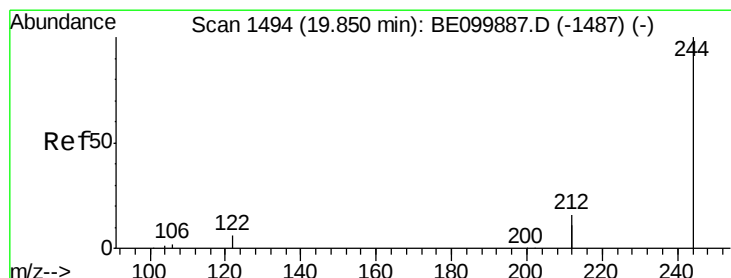
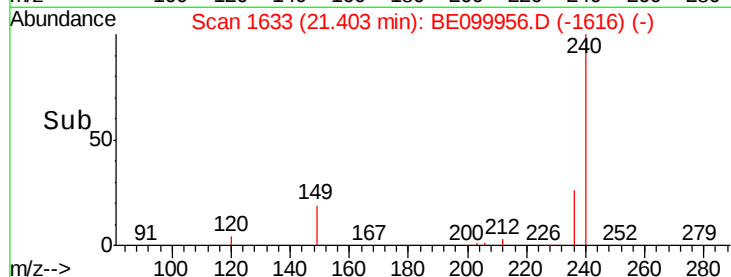
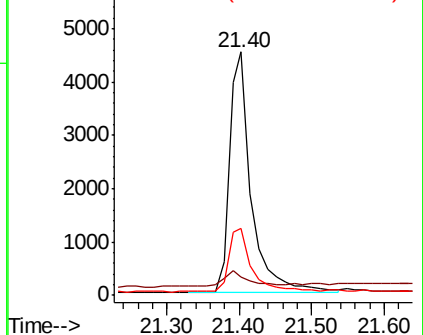
236 27.7 22.0 33.0



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: 0.640 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099956.D

Acq: 12 Jun 2019 14:57

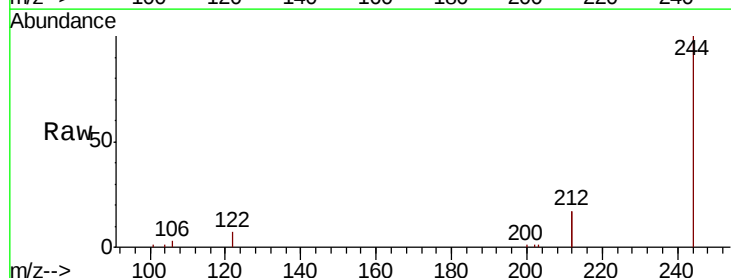
Tgt Ion:244 Resp: 10978

Ion Ratio Lower Upper

244 100

212 33.2 25.7 38.5

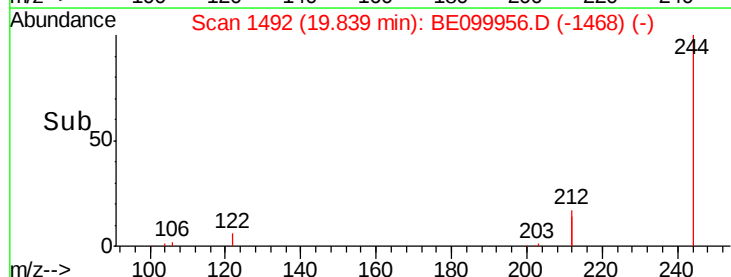
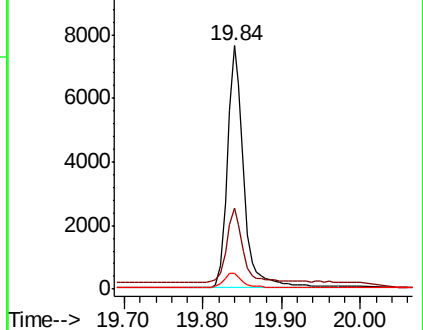
122 6.7 5.5 8.3

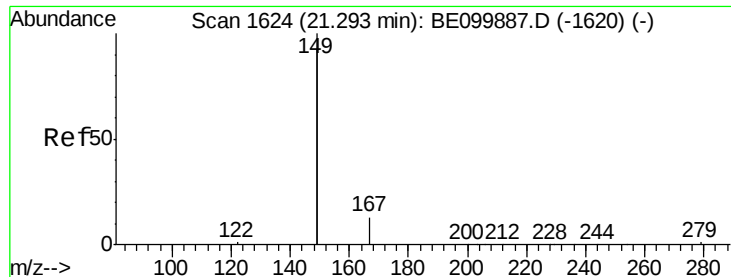


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

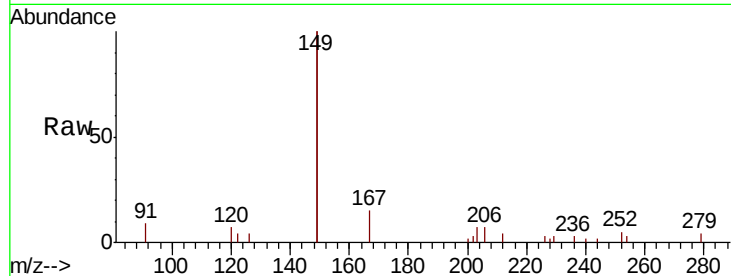




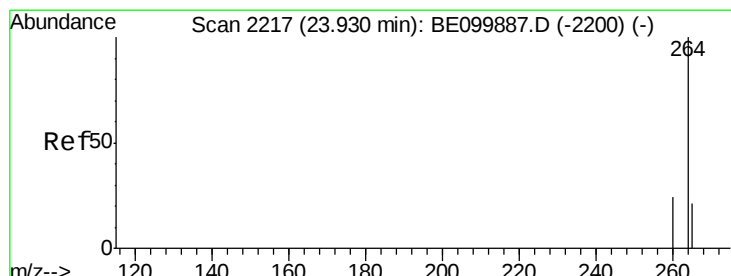
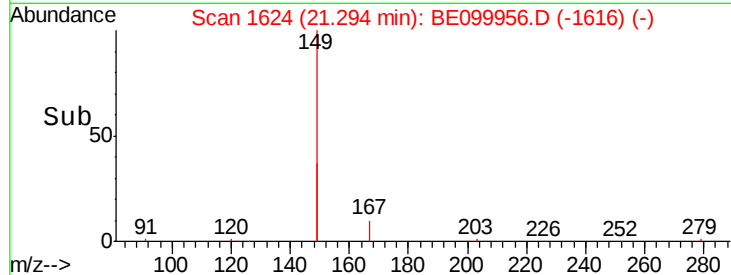
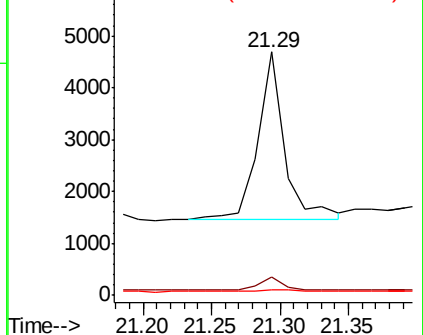
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.108 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE099956.D
 Acq: 12 Jun 2019 14:57

Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-20190605

Tgt Ion:149 Resp: 4415
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.9 8.9
 279 1.6 1.2 1.8

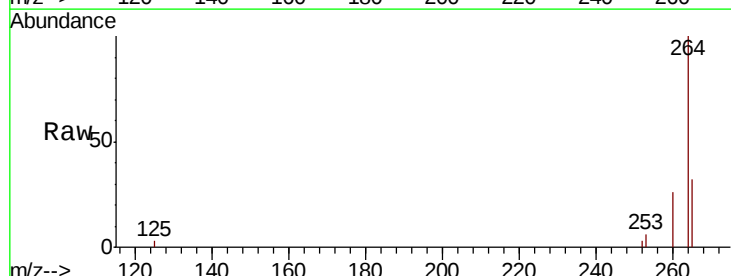


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2216
 Delta R.T. -0.00 min
 Lab File: BE099956.D
 Acq: 12 Jun 2019 14:57

Tgt Ion:264 Resp: 10642
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.2 30.2
 265 32.4 22.0 33.0



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

