

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE051619\
 Data File : BE099630.D
 Acq On : 16 May 2019 19:41
 Operator : JU/SJ
 Sample : K2856-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-190514

Quant Time: May 17 07:03:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:30:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1909	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	6523	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4798	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	14340	0.40	ng	0.00
27) Chrysene-d12	21.41	240	18192	0.40	ng	0.00
34) Perylene-d12	23.96	264	20926	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	925	0.17	ng	0.01
5) Phenol-d6	6.98	99	701	0.10	ng	0.00
8) Nitrobenzene-d5	8.98	82	2241	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4265	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1308	0.40	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	8126	0.44	ng	0.00
25) Fluoranthene-d10	19.26	212	72863	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	17654	0.54	ng	0.00

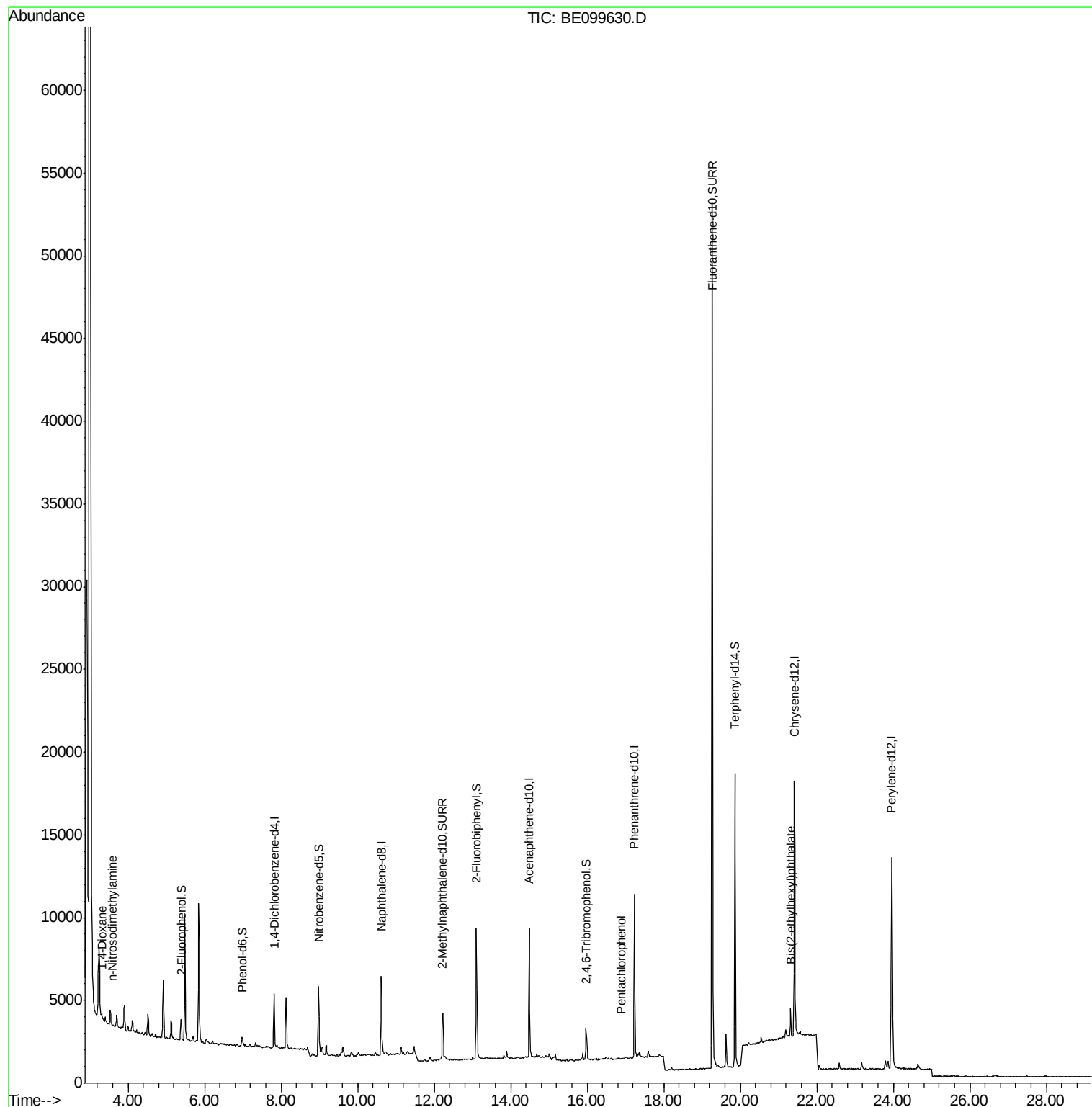
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	263	0.093	ng	# 1
3) n-Nitrosodimethylamine	3.59	42	59	0.033	ng	# 1
22) Pentachlorophenol	16.88	266	23	0.280	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.32	149	1893	0.022	ng	# 92

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

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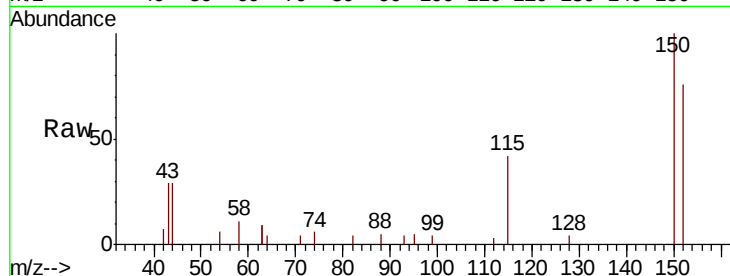


#1

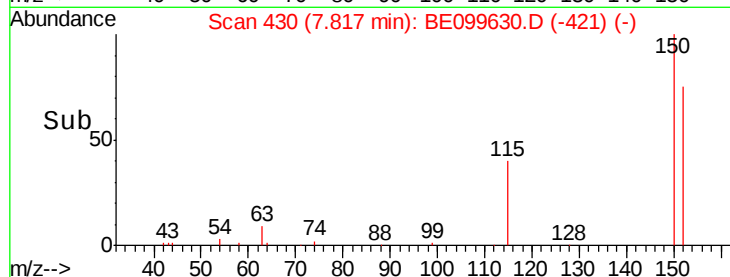
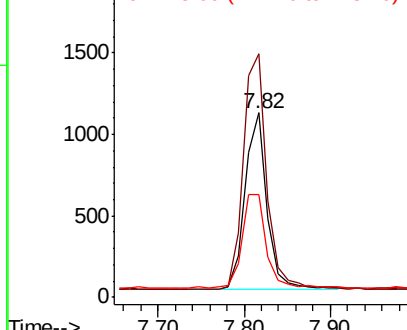
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099630.D
Acq: 16 May 2019 19:41

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190514

Tgt Ion: 152 Resp: 1909
Ion Ratio Lower Upper
152 100
150 132.1 110.1 165.1
115 55.5 46.2 69.4



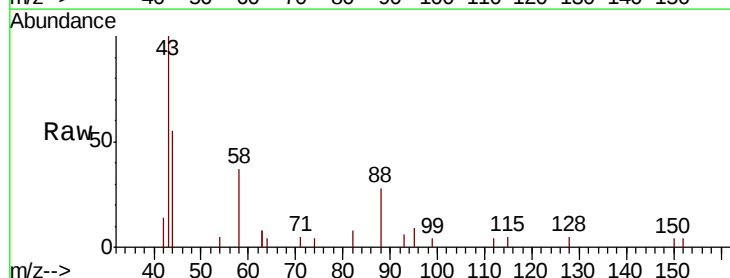
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



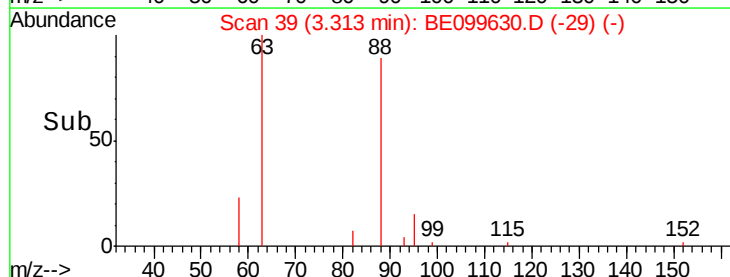
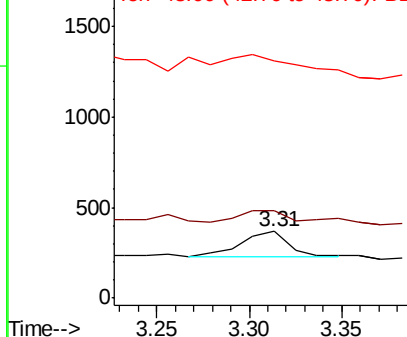
#2

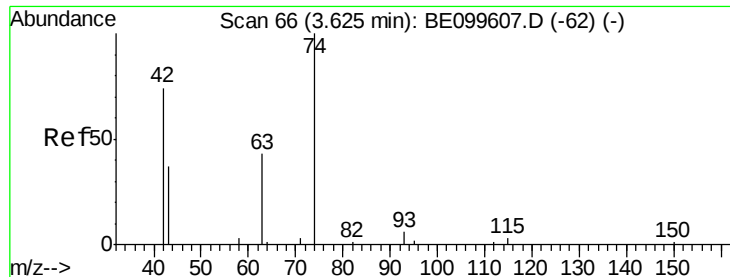
1,4-Dioxane
Concen: 0.093 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.01 min
Lab File: BE099630.D
Acq: 16 May 2019 19:41

Tgt Ion: 88 Resp: 263
Ion Ratio Lower Upper
88 100
58 55.5 39.8 59.6
43 178.7 21.0 31.6#



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





#3

n-Nitrosodimethylamine

Concen: 0.033 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.03 min

Lab File: BE099630.D

Acq: 16 May 2019 19:41

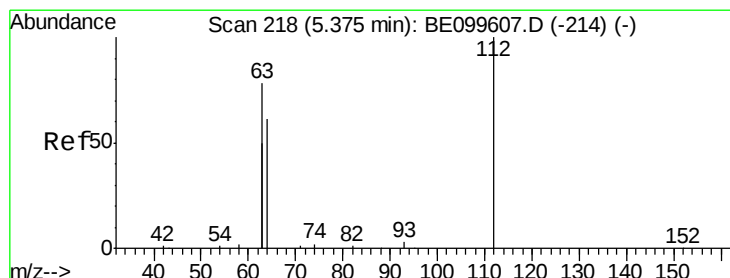
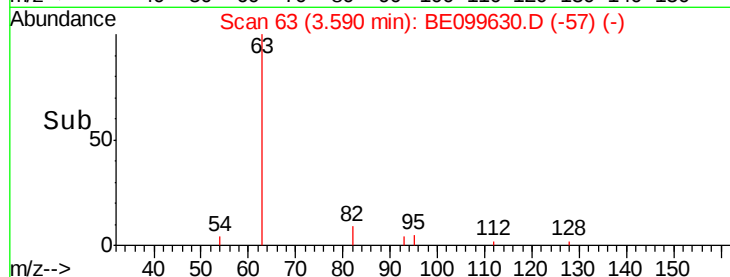
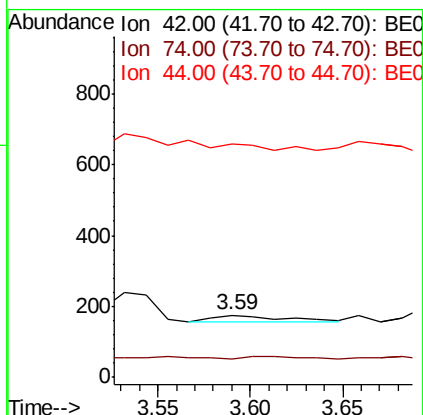
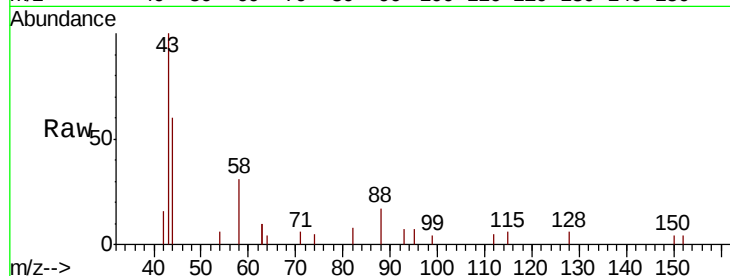
Instrument :

BNA_E

ClientSampleId :

KY038PS027-190514

Tgt Ion:	42	Resp:	59
Ion	Ratio	Lower	Upper
42	100		
74	22.0	134.7	202.1#
44	0.0	12.5	18.7#



#4

2-Fluorophenol

Concen: 0.171 ng

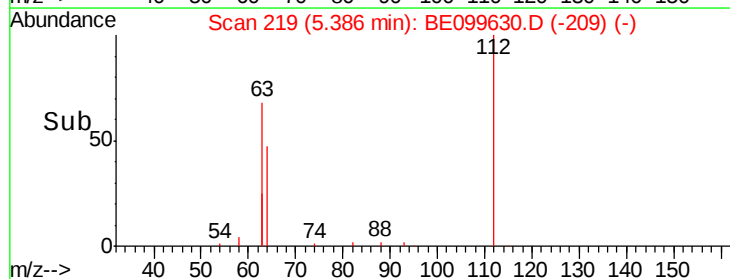
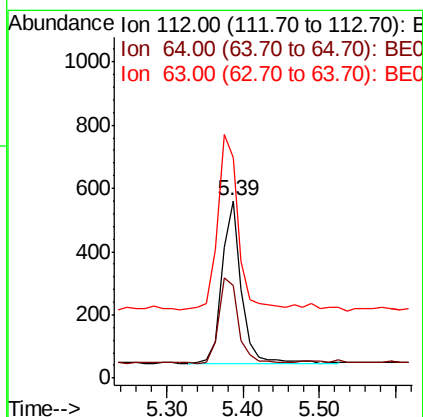
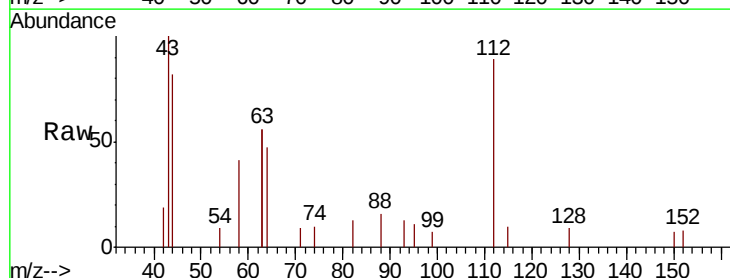
RT: 5.39 min Scan# 219

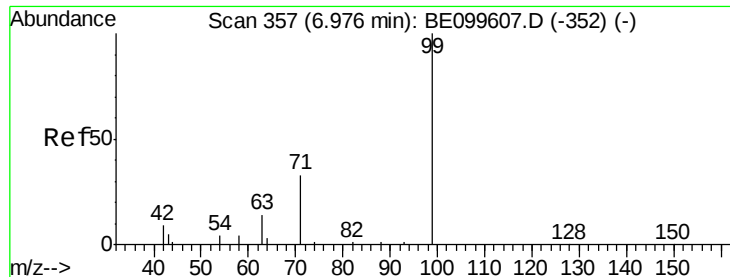
Delta R.T. 0.01 min

Lab File: BE099630.D

Acq: 16 May 2019 19:41

Tgt Ion:	112	Resp:	925
Ion	Ratio	Lower	Upper
112	100		
64	53.1	43.7	65.5
63	112.3	94.0	141.0





#5

Phenol-d6

Concen: 0.102 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099630.D

Acq: 16 May 2019 19:41

Instrument :

BNA_E

ClientSampleId :

KY038PS027-190514

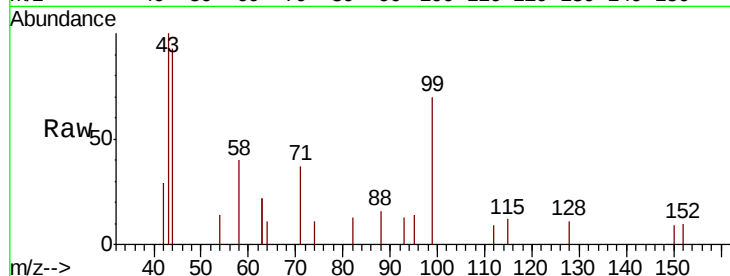
Tgt Ion: 99 Resp: 701

Ion Ratio Lower Upper

99 100

42 12.7 14.3 21.5#

71 45.8 33.1 49.7



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

6.98

400

300

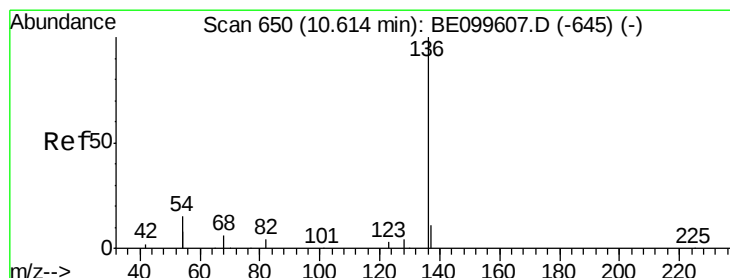
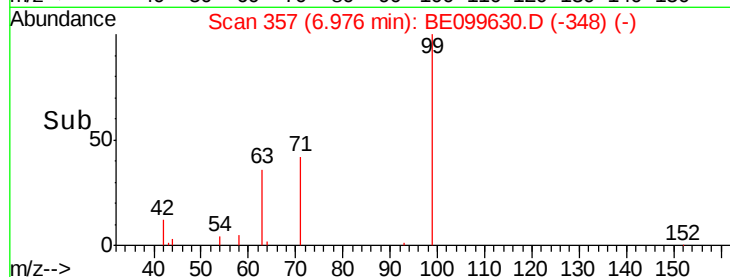
200

100

0

6.90 7.00 7.10

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099630.D

Acq: 16 May 2019 19:41

Tgt Ion: 136 Resp: 6523

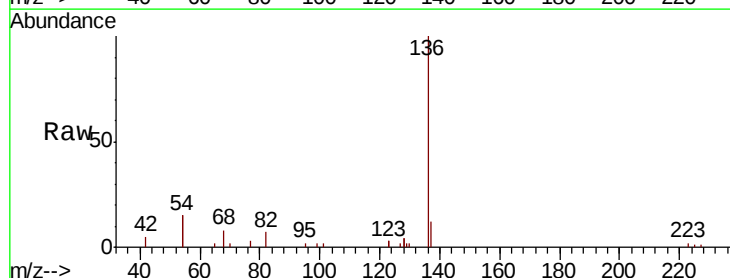
Ion Ratio Lower Upper

136 100

137 12.3 9.7 14.5

54 30.7 23.8 35.8

68 8.1 6.2 9.2



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

5000

4000

3000

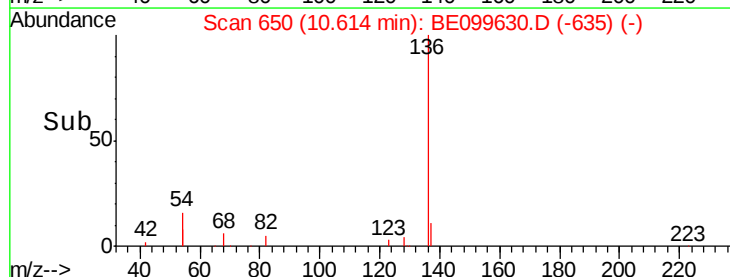
2000

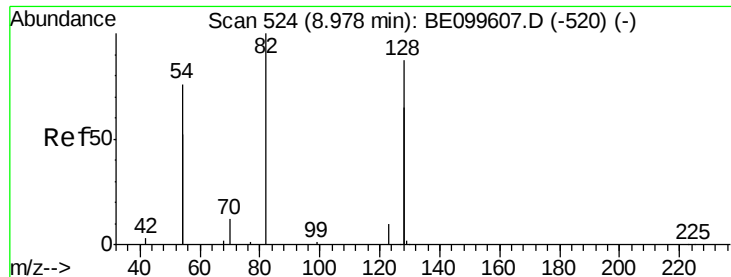
1000

0

10.50 10.60 10.70 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.355 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099630.D

Acq: 16 May 2019 19:41

Instrument :

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ClientSampleId :

KY038PS027-190514

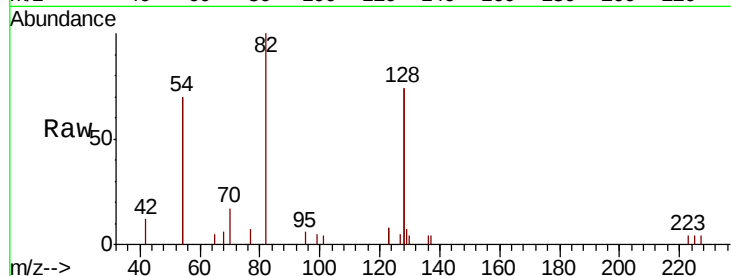
Tgt Ion: 82 Resp: 2241

Ion Ratio Lower Upper

82 100

128 147.8 131.4 197.2

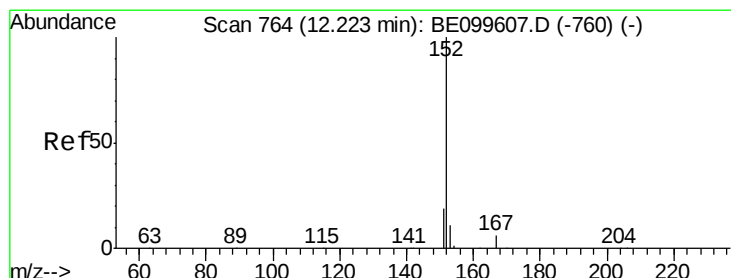
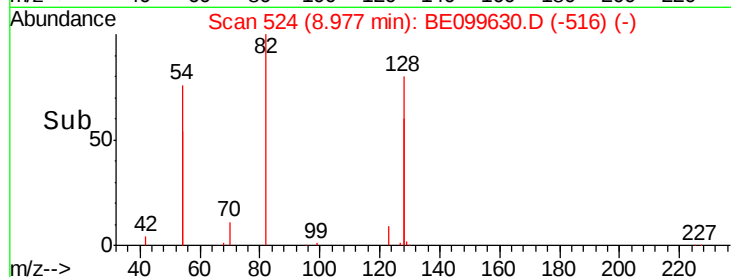
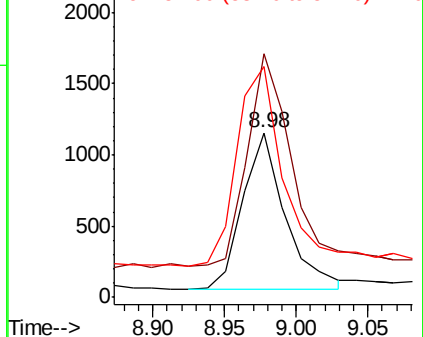
54 140.4 113.9 170.9



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: 0.389 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099630.D

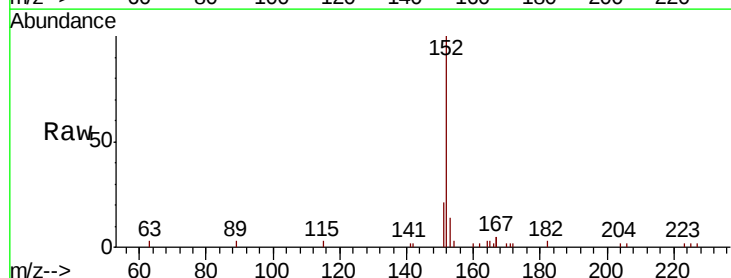
Acq: 16 May 2019 19:41

Tgt Ion: 152 Resp: 4265

Ion Ratio Lower Upper

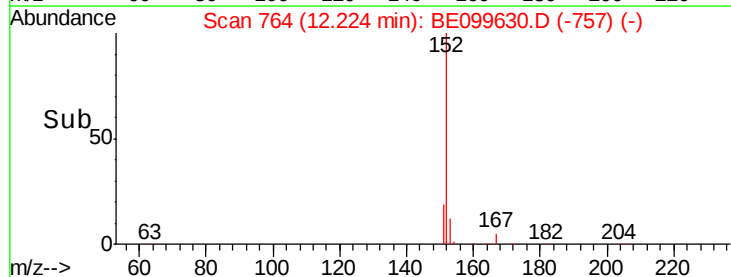
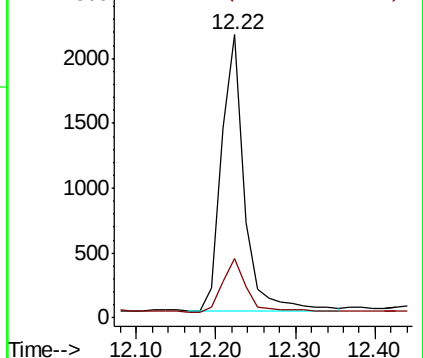
152 100

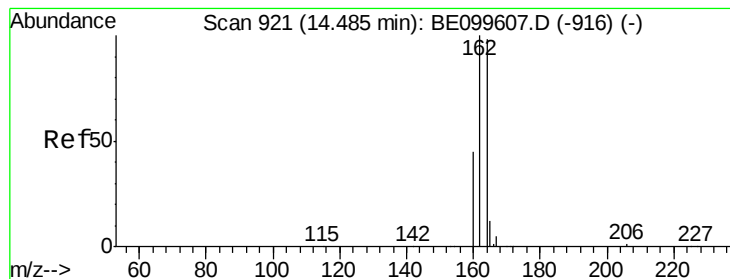
151 20.6 15.3 22.9



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: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE099630.D

Acq: 16 May 2019 19:41

Instrument :

BNA_E

ClientSampleId :

KY038PS027-190514

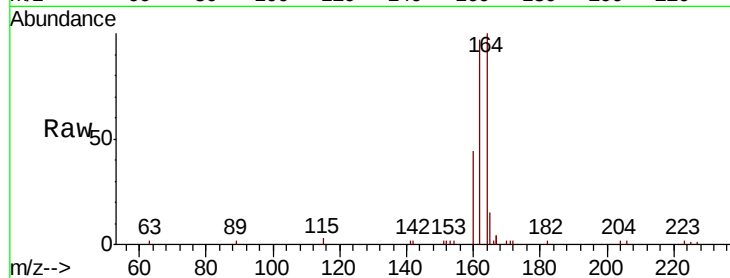
Tgt Ion:164 Resp: 4798

Ion Ratio Lower Upper

164 100

162 96.6 81.4 122.0

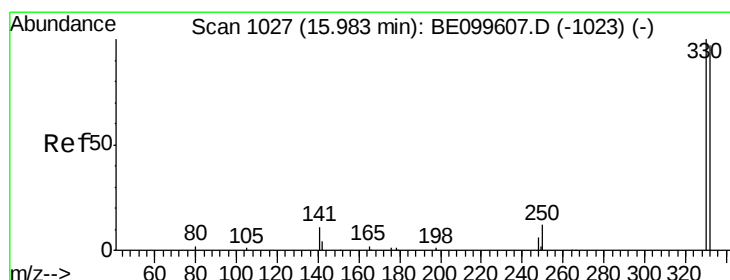
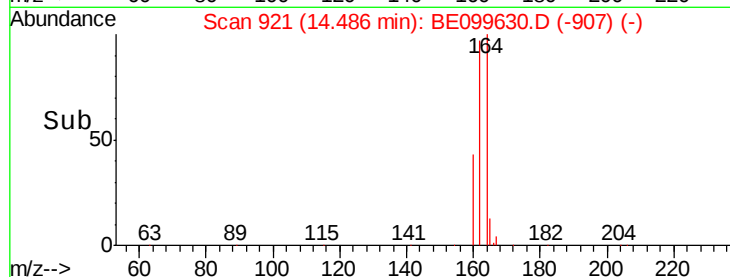
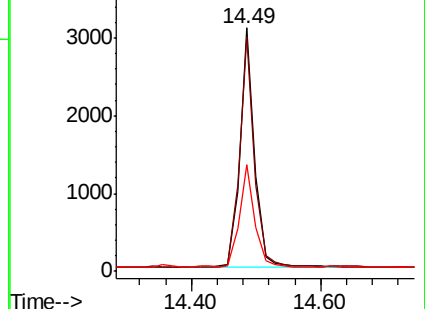
160 43.9 37.4 56.2



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: 0.399 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099630.D

Acq: 16 May 2019 19:41

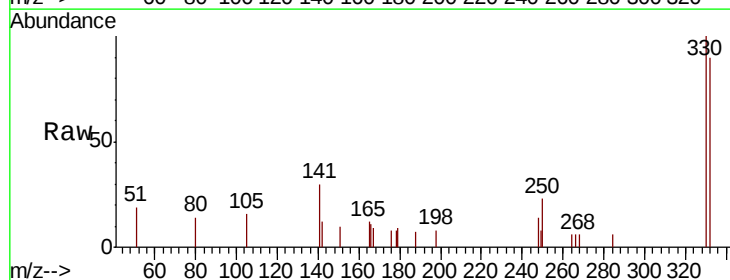
Tgt Ion:330 Resp: 1308

Ion Ratio Lower Upper

330 100

332 95.6 73.8 110.8

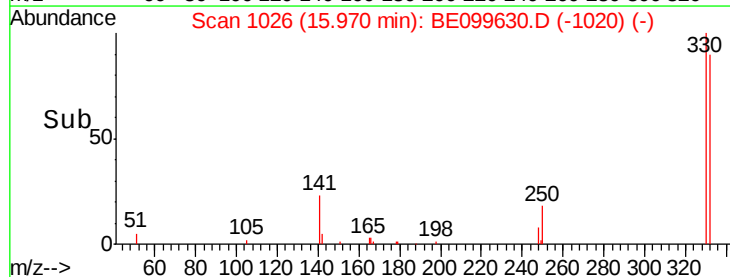
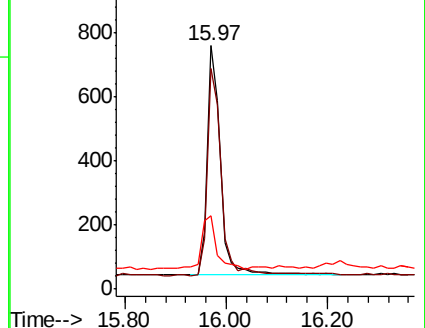
141 25.5 21.0 31.6

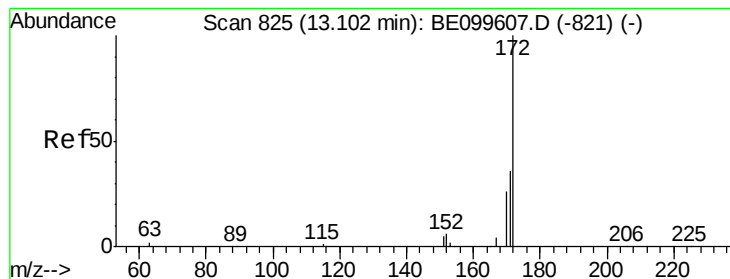


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.440 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099630.D

Acq: 16 May 2019 19:41

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ClientSampleId :

KY038PS027-190514

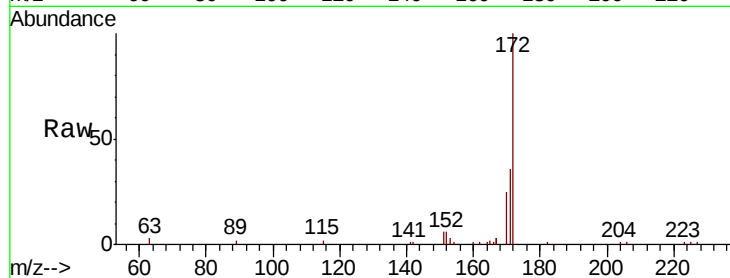
Tgt Ion:172 Resp: 8126

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.2

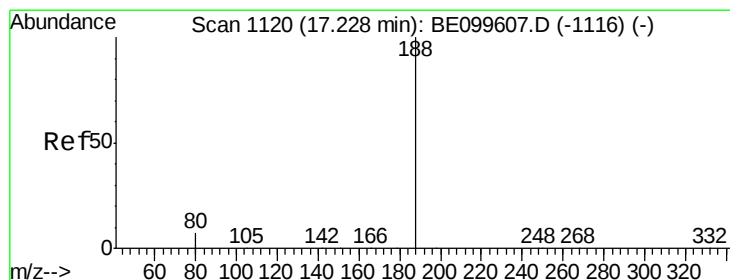
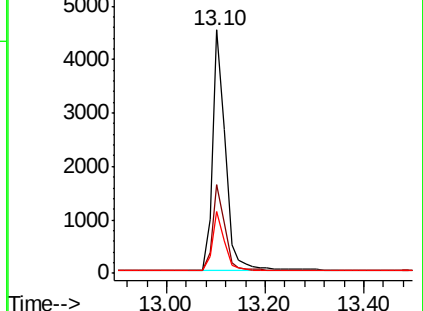
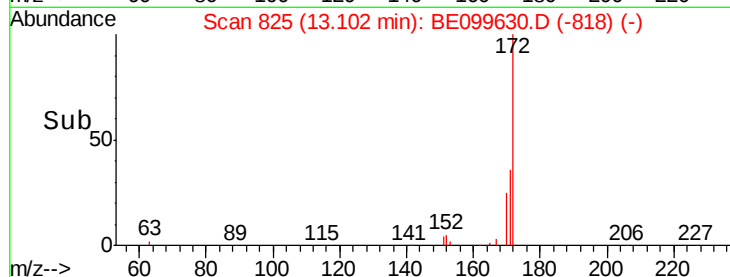
170 25.5 21.5 32.3



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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099630.D

Acq: 16 May 2019 19:41

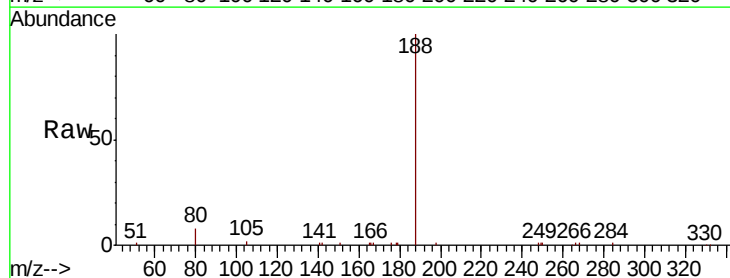
Tgt Ion:188 Resp: 14340

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

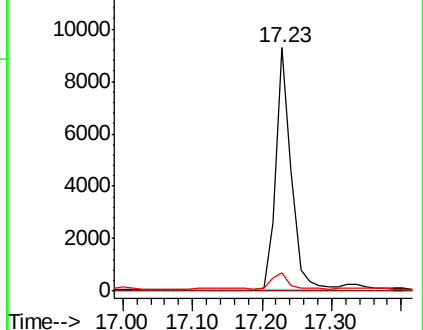
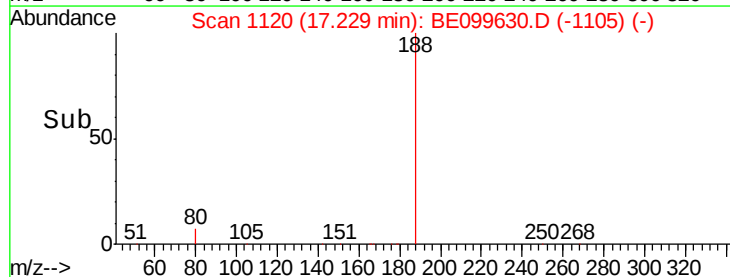
80 7.8 6.4 9.6

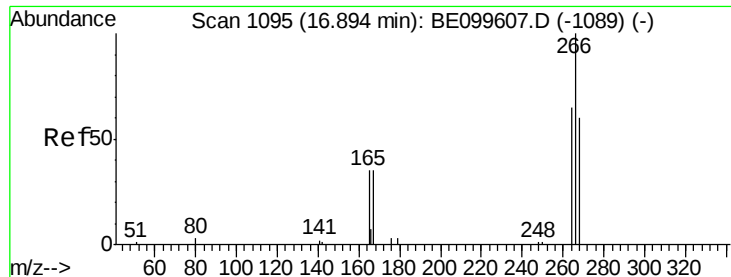


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

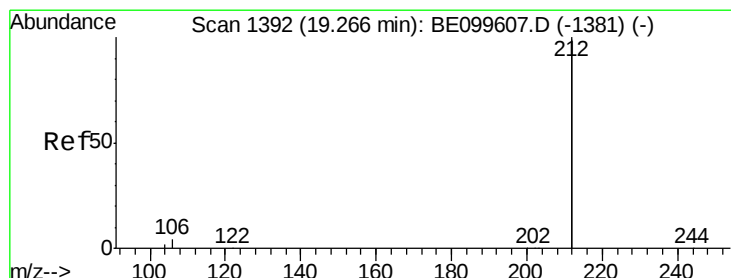
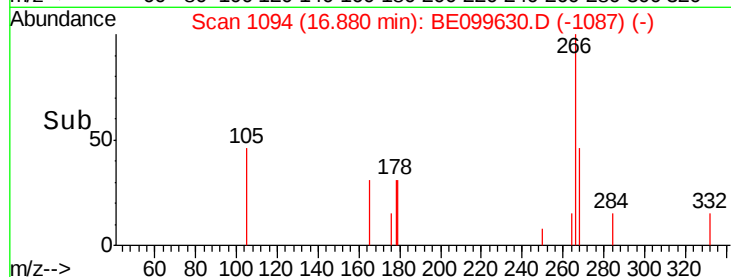
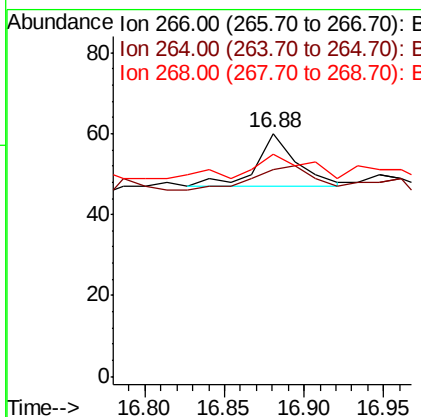
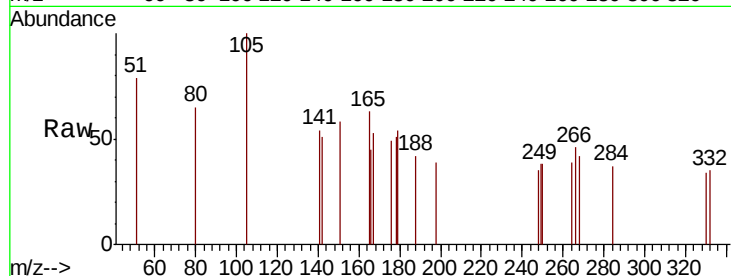




#22
 Pentachlorophenol
 Concen: 0.280 ng
 RT: 16.88 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BE099630.D
 Acq: 16 May 2019 19:41

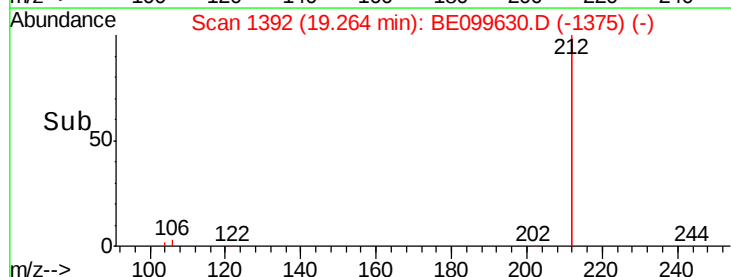
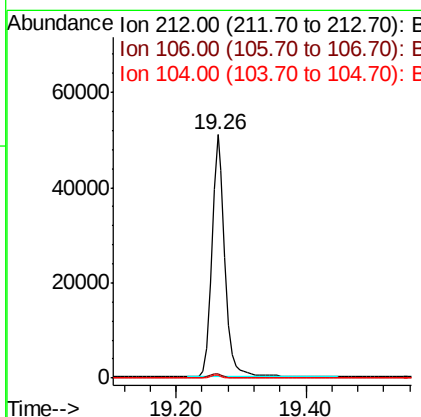
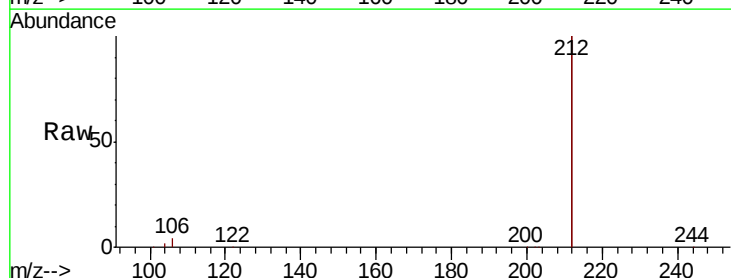
Instrument :
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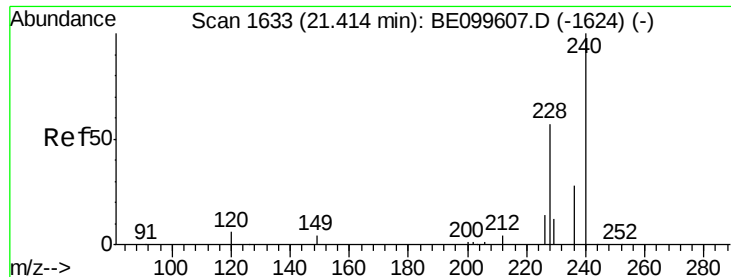
Tgt Ion: 266 Resp: 23
 Ion Ratio Lower Upper
 266 100
 264 85.0 57.7 86.5
 268 91.7 55.8 83.8#



#25
 Fluoranthene-d10
 Concen: 0.382 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BE099630.D
 Acq: 16 May 2019 19:41

Tgt Ion: 212 Resp: 72863
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.2
 104 1.0 0.9 1.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099630.D

Acq: 16 May 2019 19:41

Instrument :

BNA_E

ClientSampleId :

KY038PS027-190514

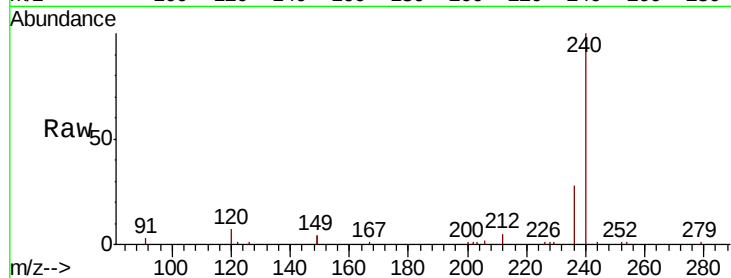
Tgt Ion:240 Resp: 18192

Ion Ratio Lower Upper

240 100

120 7.2 5.7 8.5

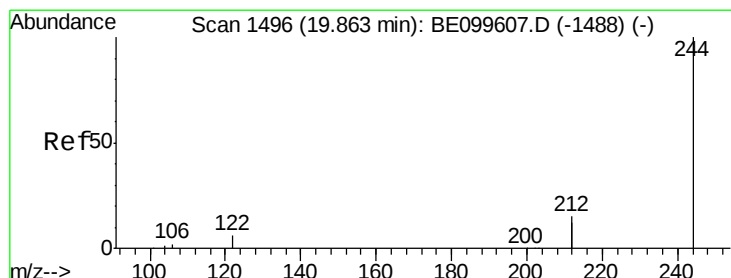
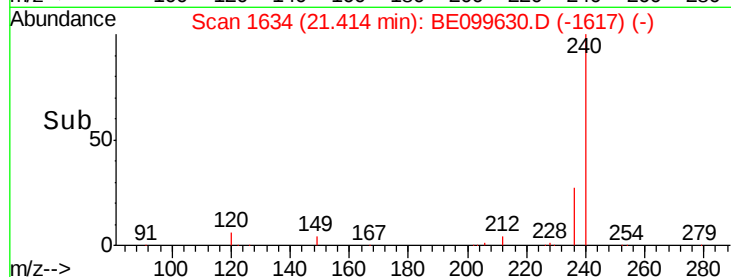
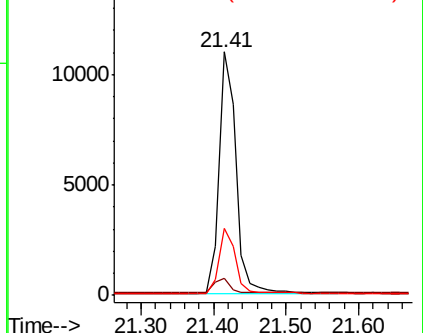
236 27.7 22.8 34.2



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: 0.539 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099630.D

Acq: 16 May 2019 19:41

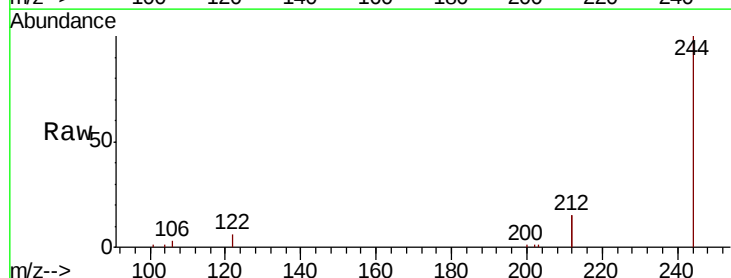
Tgt Ion:244 Resp: 17654

Ion Ratio Lower Upper

244 100

212 29.4 23.8 35.6

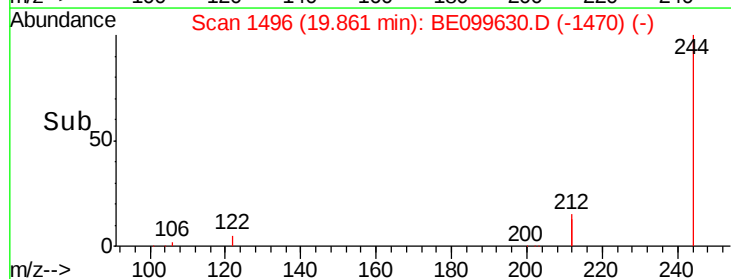
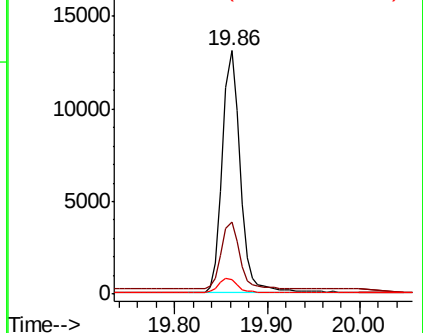
122 6.1 5.0 7.6

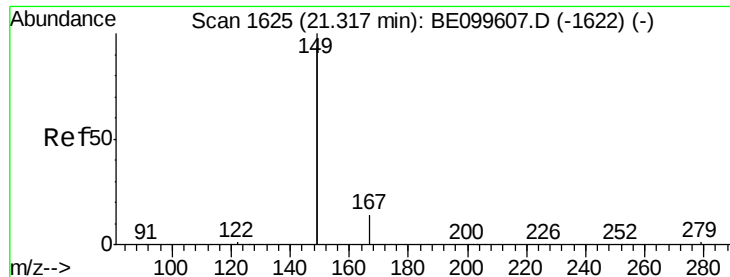


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

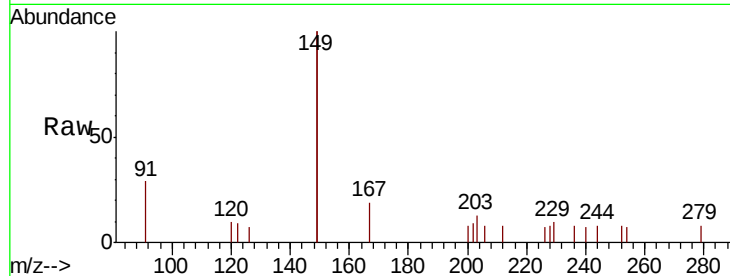




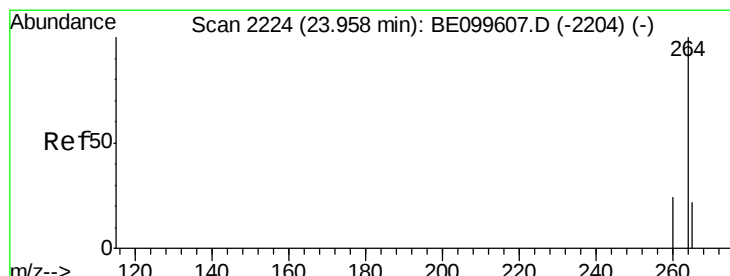
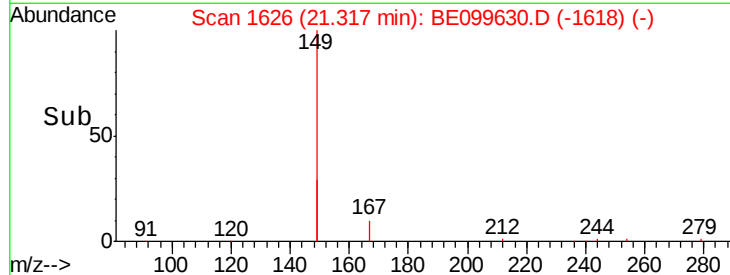
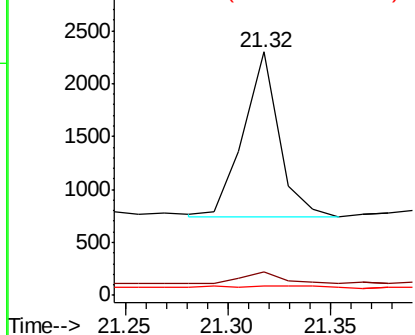
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.022 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BE099630.D
 Acq: 16 May 2019 19:41

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-190514

Tgt Ion:149 Resp: 1893
 Ion Ratio Lower Upper
 149 100
 167 10.2 6.0 9.0#
 279 4.2 1.1 1.7#

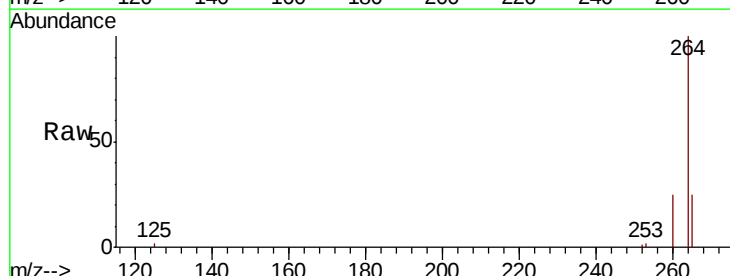


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.96 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BE099630.D
 Acq: 16 May 2019 19:41

Tgt Ion:264 Resp: 20926
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.7 29.5
 265 25.0 21.2 31.8



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

