

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061219\
 Data File : BE099974.D
 Acq On : 13 Jun 2019 1:49
 Operator : JU/SJ
 Sample : K3255-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20190604

Quant Time: Jun 13 04:12:20 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

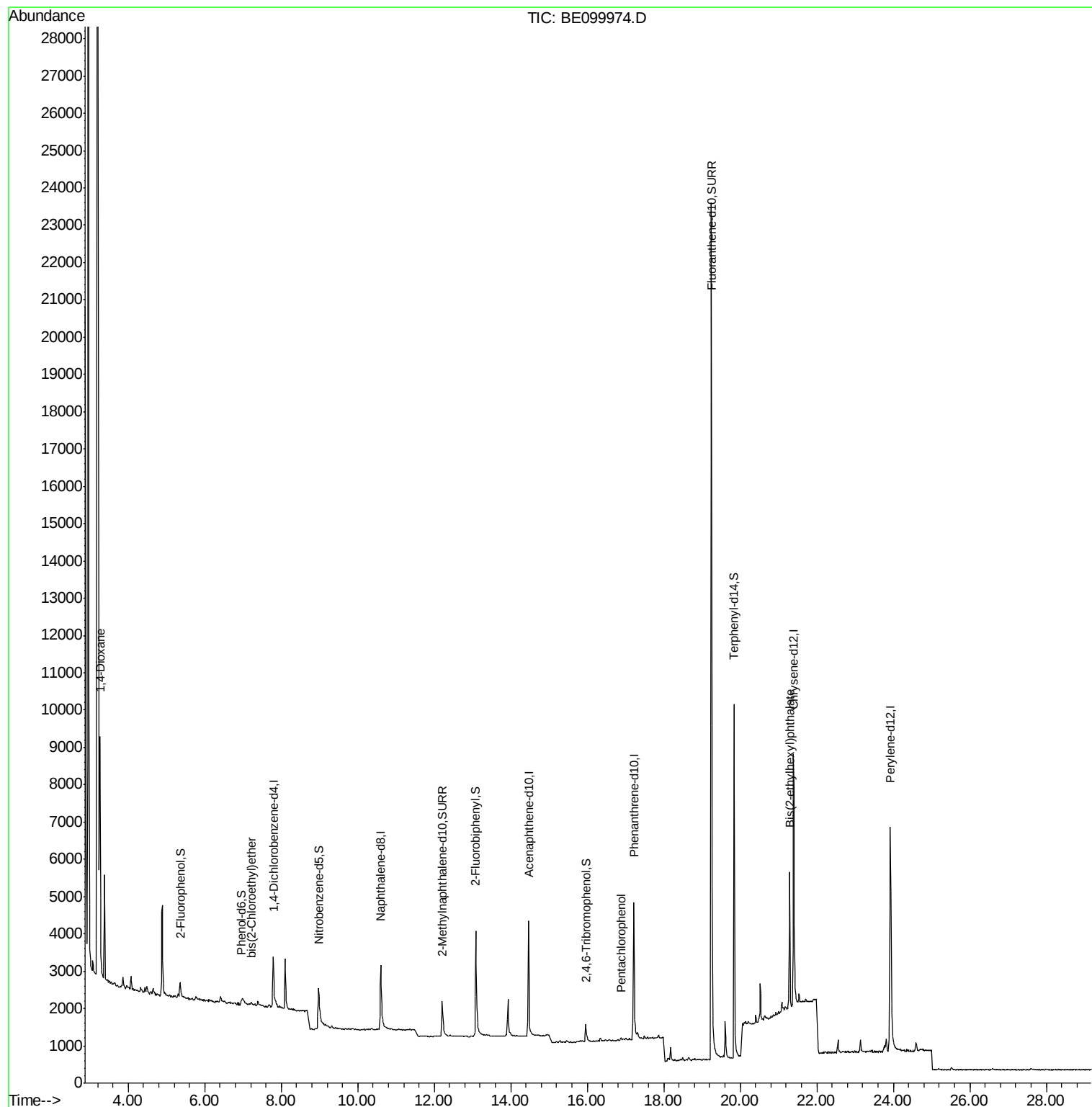
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	938	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3313	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2571	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7353	0.40	ng	0.00
27) Chrysene-d12	21.39	240	9882	0.40	ng	-0.01
34) Perylene-d12	23.92	264	11133	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	381	0.15	ng	0.00
5) Phenol-d6	6.96	99	252	0.08	ng	0.00
8) Nitrobenzene-d5	8.98	82	1104	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2008	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	492	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4102	0.42	ng	-0.01
25) Fluoranthene-d10	19.24	212	37432	0.35	ng	-0.01
29) Terphenyl-d14	19.84	244	9839	0.55	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	5081	3.660	ng	Qvalue 94
6) bis(2-Chloroethyl)ether	7.22	93	65	0.024	ng	# 52
22) Pentachlorophenol	16.88	266	83	0.340	ng	94
32) Bis(2-ethylhexyl)phthalate	21.29	149	5094	0.120	ng	99

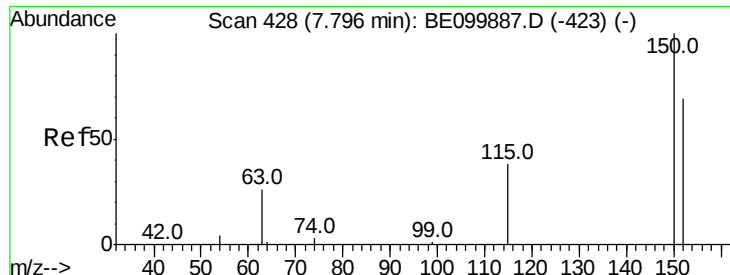
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 13 04:12:20 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. -0.00 min

Lab File: BE099974.D

Acq: 13 Jun 2019 1:49

Instrument :

BNA_E

ClientSampleId :

DUP01-20190604

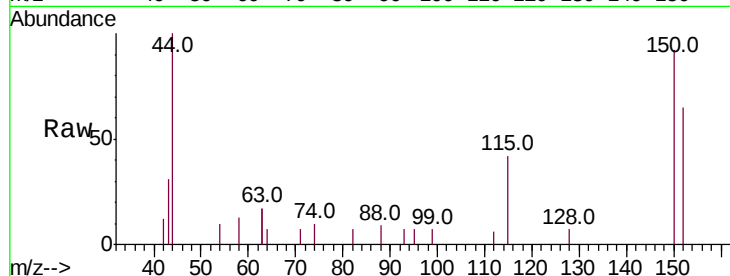
Tot Ion:152 Resp: 938

Ion Ratio Lower Upper

152 100

150 140.4 111.0 166.6

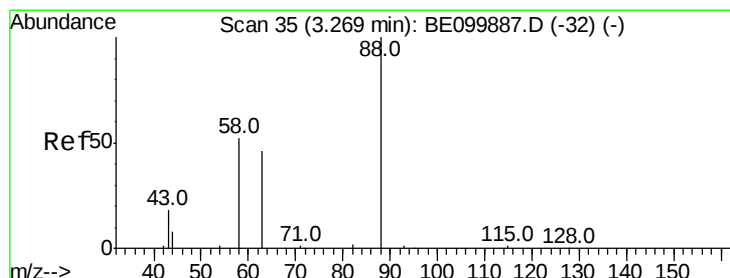
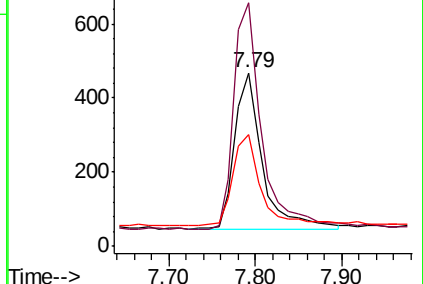
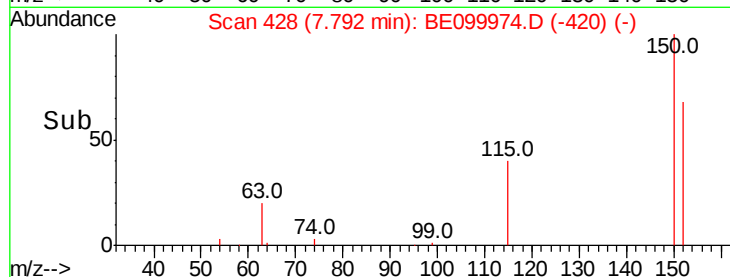
115 64.7 50.7 76.1



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: 3.660 ng

RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

Lab File: BE099974.D

Acq: 13 Jun 2019 1:49

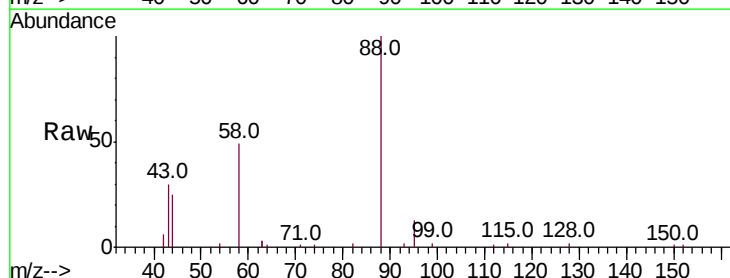
Tgt Ion: 88 Resp: 5081

Ion Ratio Lower Upper

88 100

58 55.2 48.8 73.2

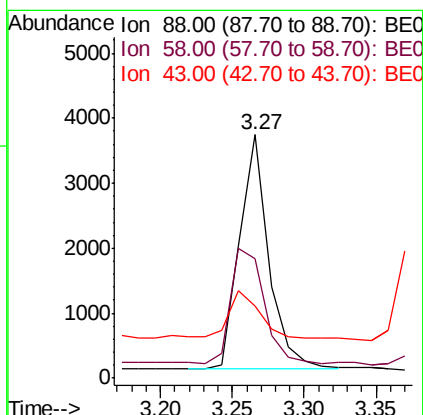
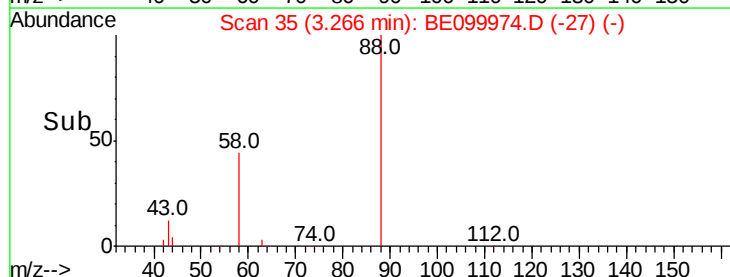
43 22.3 19.0 28.6

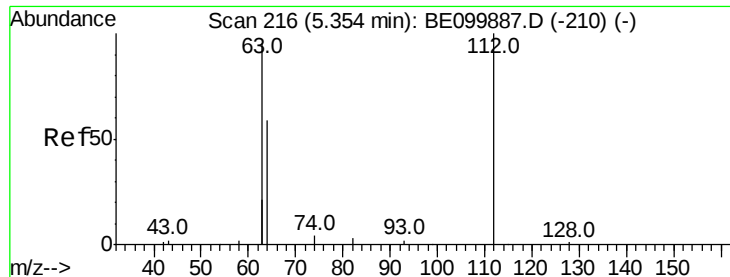


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.150 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099974.D

Acq: 13 Jun 2019 1:49

Instrument :

BNA_E

ClientSampleId :

DUP01-20190604

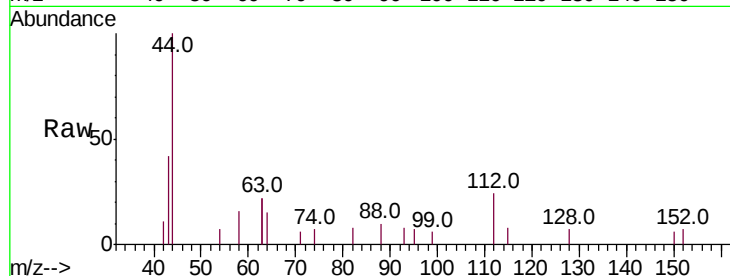
Tot Ion:112 Resp: 381

Ion Ratio Lower Upper

112 100

64 51.2 44.1 66.1

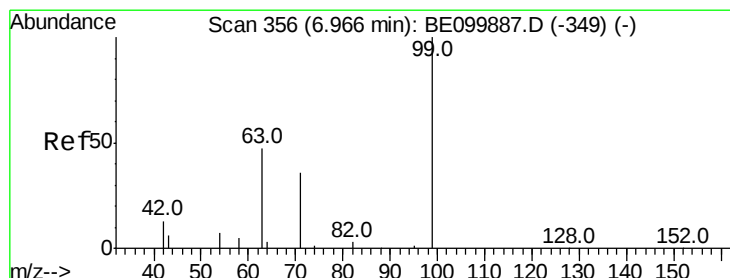
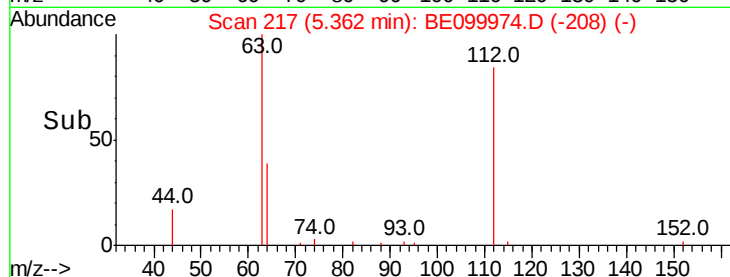
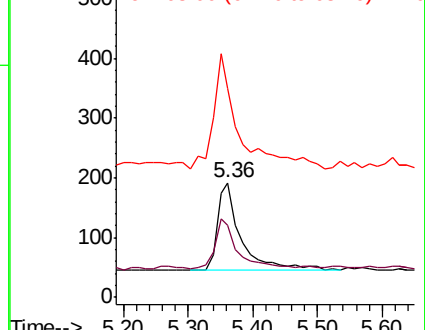
63 136.5 87.8 131.6#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.077 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099974.D

Acq: 13 Jun 2019 1:49

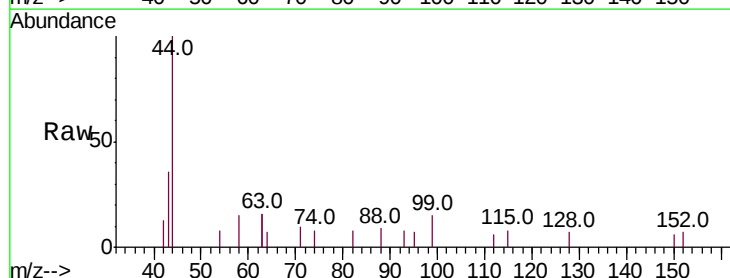
Tgt Ion: 99 Resp: 252

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

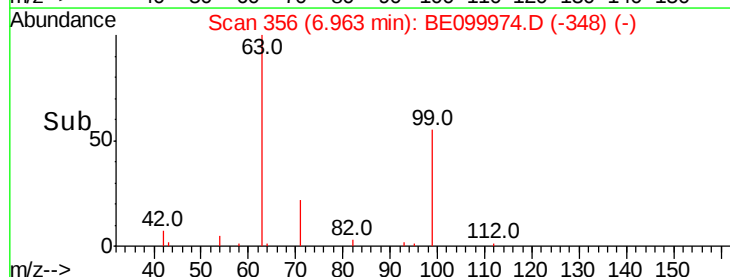
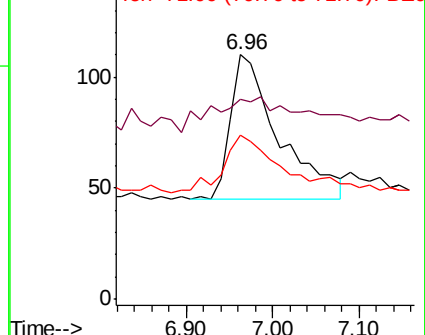
71 50.8 34.6 52.0

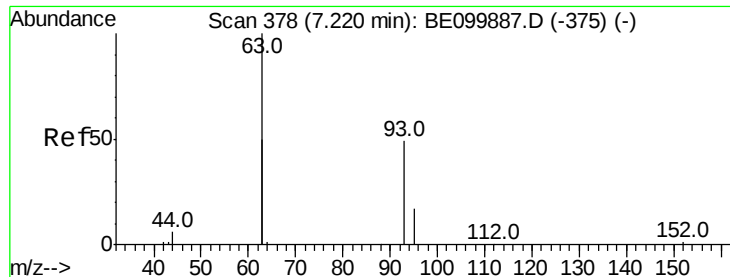


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.024 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099974.D

Acq: 13 Jun 2019 1:49

Instrument :

BNA_E

ClientSampleId :

DUP01-20190604

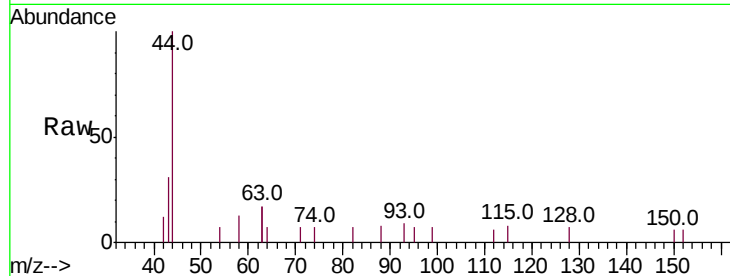
Tot Ion: 93 Resp: 65

Ion Ratio Lower Upper

93 100

63 166.2 202.8 304.2#

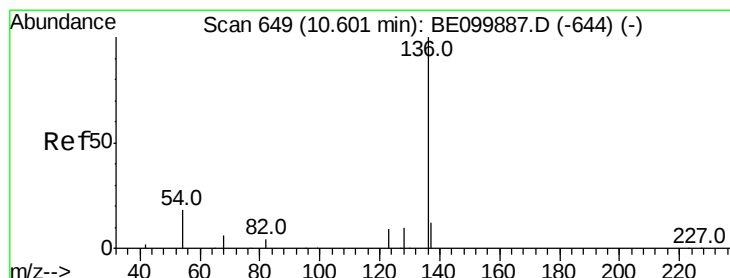
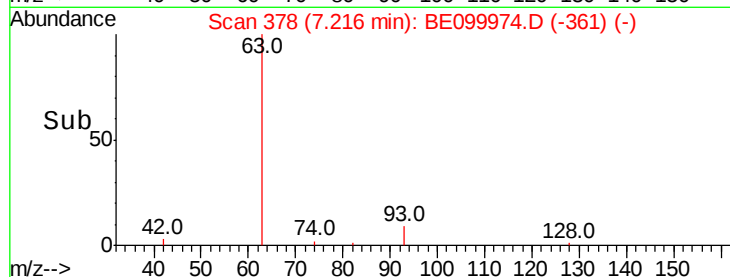
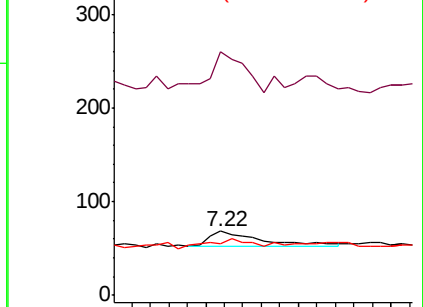
95 47.7 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE099974.D

Acq: 13 Jun 2019 1:49

Tgt Ion: 136 Resp: 3313

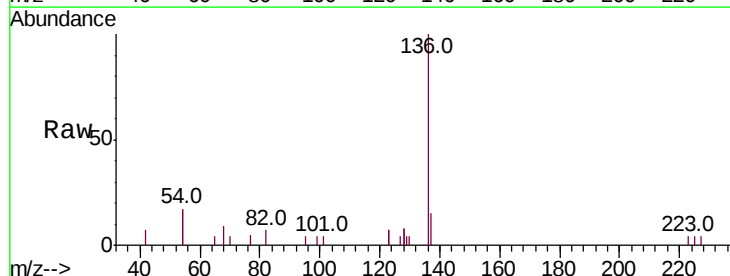
Ion Ratio Lower Upper

136 100

137 14.5 12.3 18.5

54 34.2 28.2 42.4

68 8.8 7.8 11.8

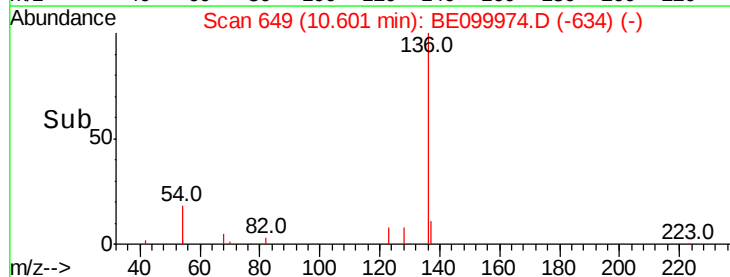
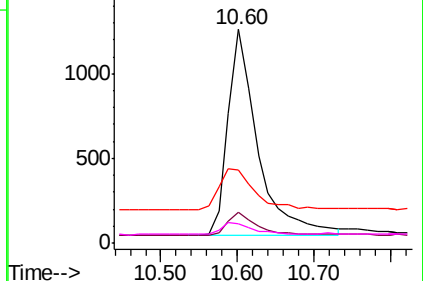


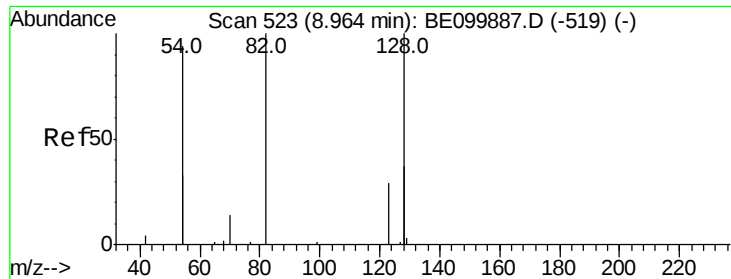
Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099974.D

Acq: 13 Jun 2019 1:49

Instrument :

BNA_E

ClientSampleId :

DUP01-20190604

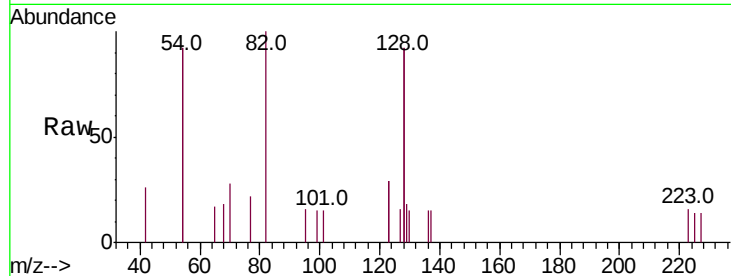
Tot Ion: 82 Resp: 1104

Ion Ratio Lower Upper

82 100

128 184.7 137.3 205.9

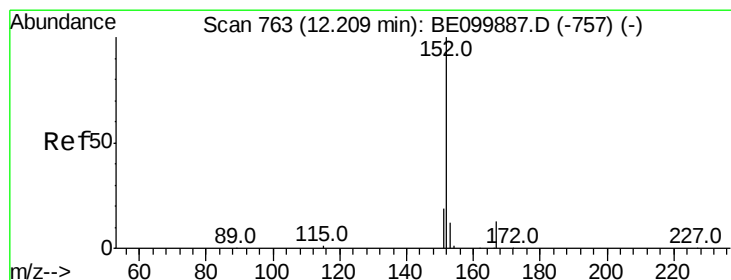
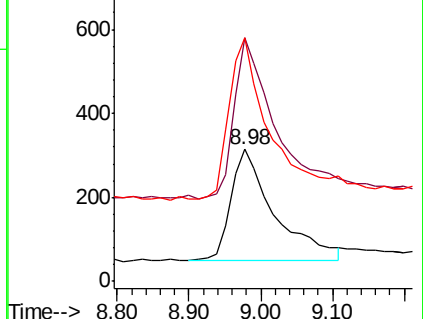
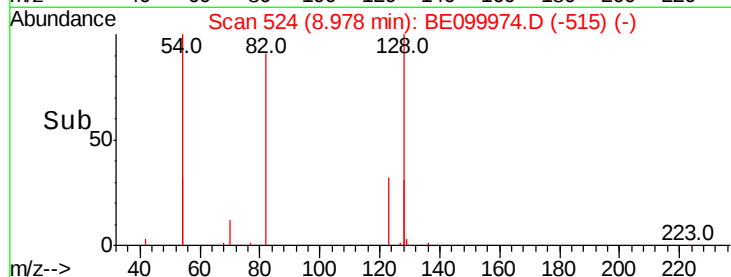
54 184.7 129.7 194.5



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: 0.348 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE099974.D

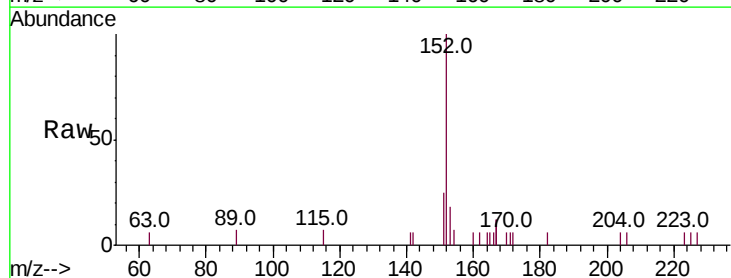
Acq: 13 Jun 2019 1:49

Tgt Ion: 152 Resp: 2008

Ion Ratio Lower Upper

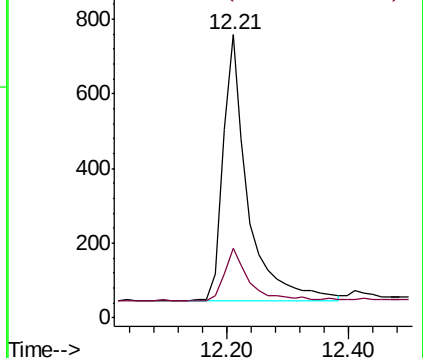
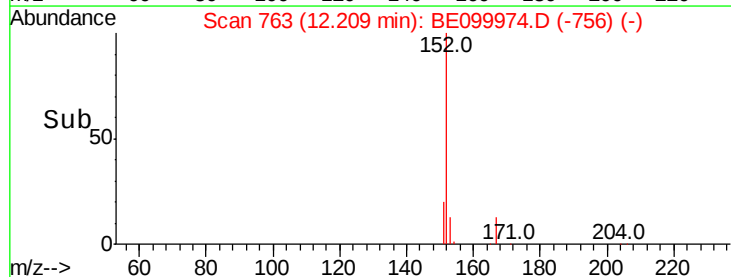
152 100

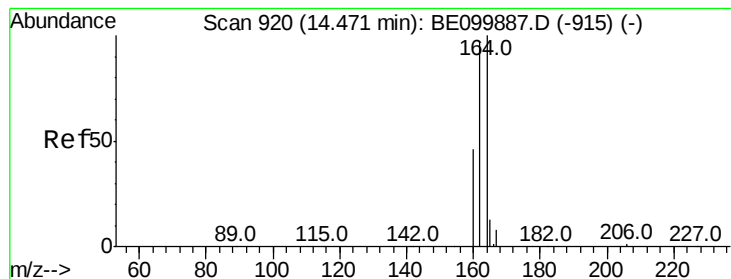
151 19.0 15.2 22.8



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: BE099974.D

Acq: 13 Jun 2019 1:49

Instrument :

BNA_E

ClientSampleId :

DUP01-20190604

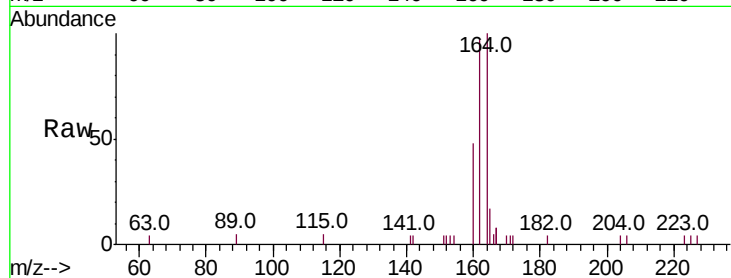
Tot Ion:164 Resp: 2571

Ion Ratio Lower Upper

164 100

162 97.0 77.8 116.8

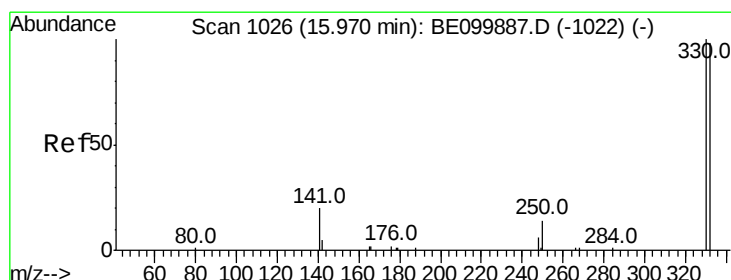
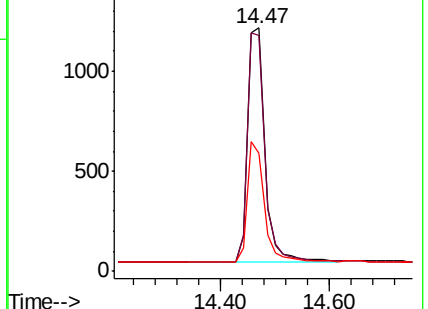
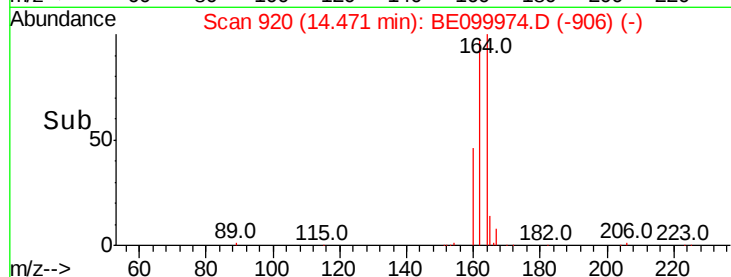
160 48.3 38.2 57.4



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: 0.259 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE099974.D

Acq: 13 Jun 2019 1:49

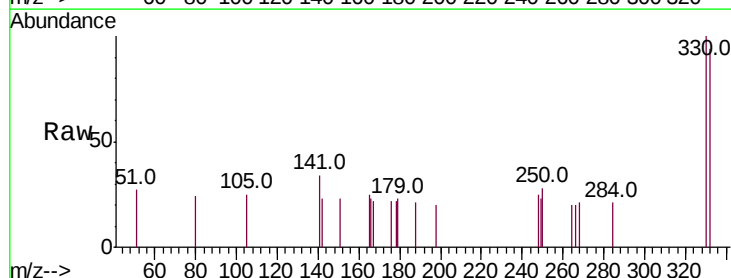
Tgt Ion:330 Resp: 492

Ion Ratio Lower Upper

330 100

332 91.9 76.7 115.1

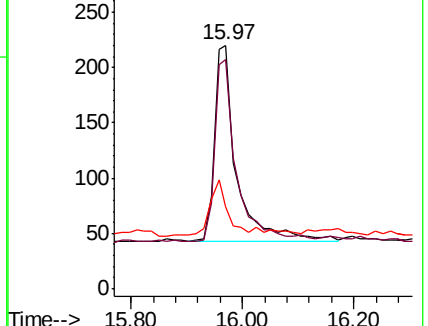
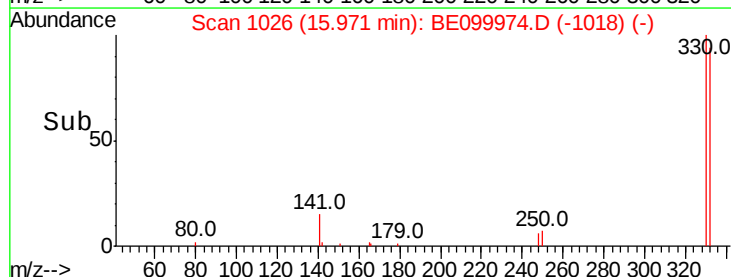
141 21.1 21.0 31.6

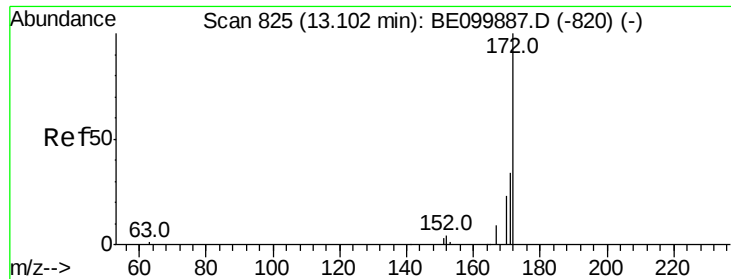


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

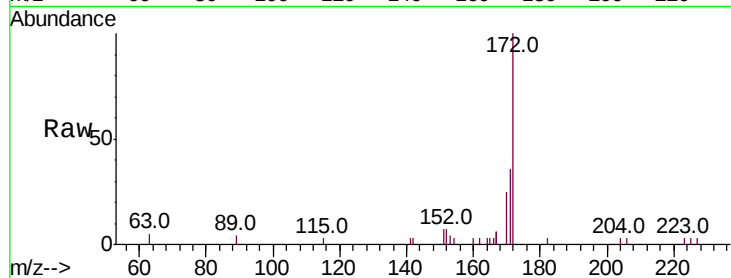




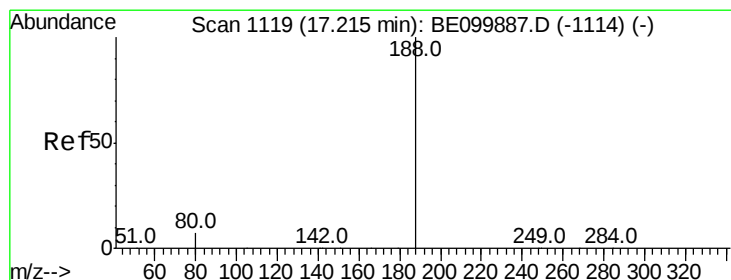
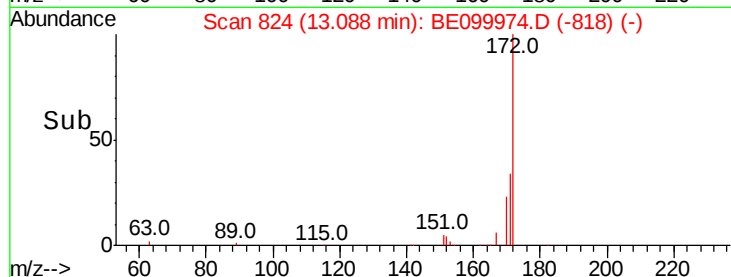
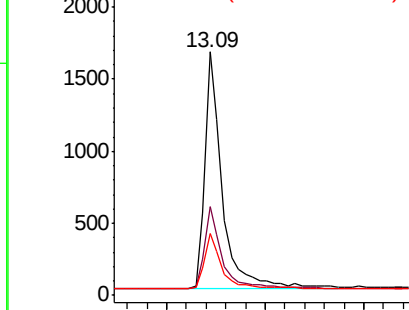
#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099974.D
Acq: 13 Jun 2019 1:49

Instrument :
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Tot Ion:172 Resp: 4102
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 25.4 21.2 31.8

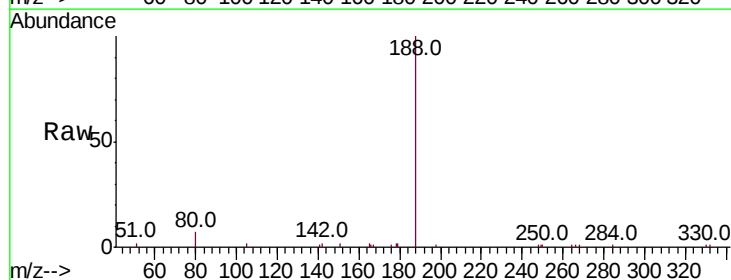


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

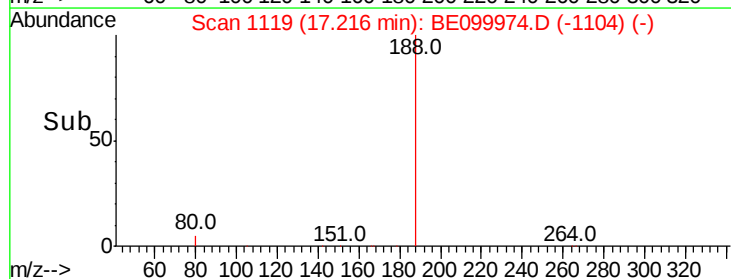
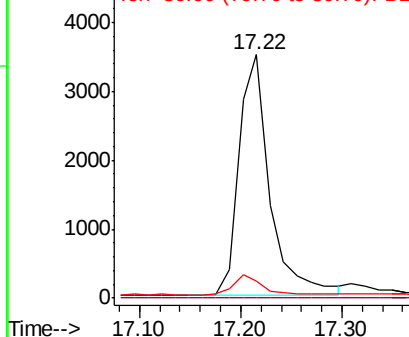


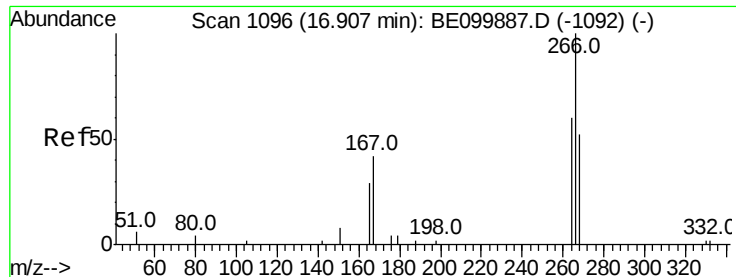
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099974.D
Acq: 13 Jun 2019 1:49

Tgt Ion:188 Resp: 7353
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 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

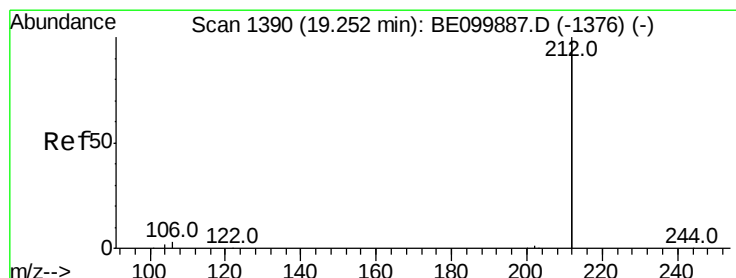
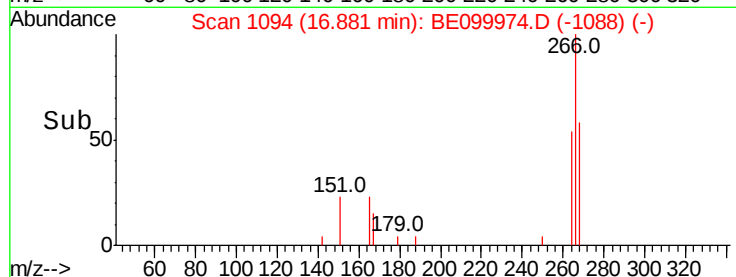
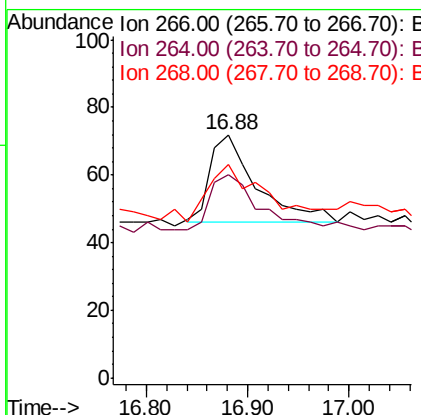
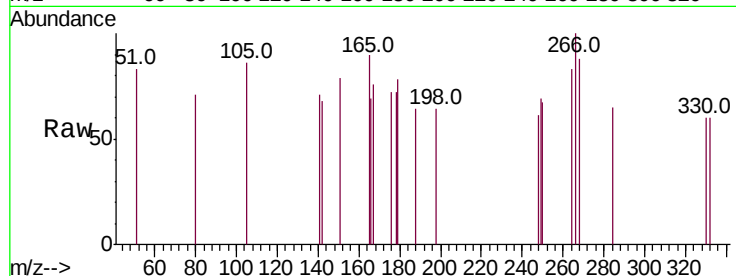




#22
 Pentachlorophenol
 Concen: 0.340 ng
 RT: 16.88 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BE099974.D
 Acq: 13 Jun 2019 1:49

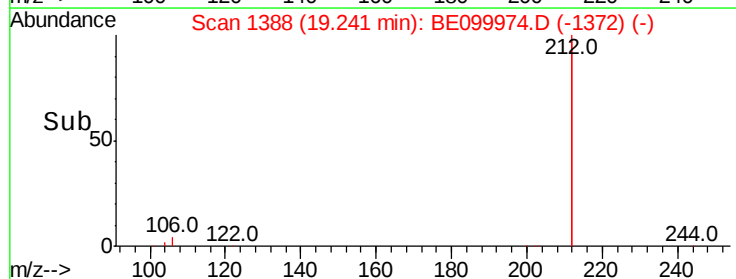
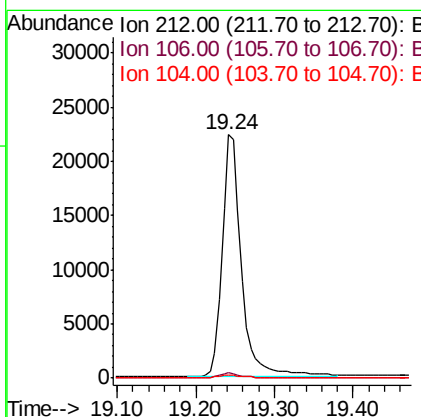
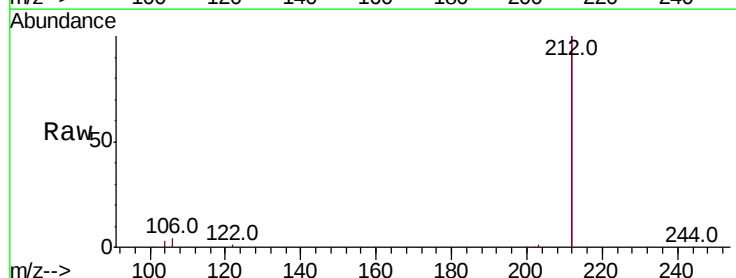
Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20190604

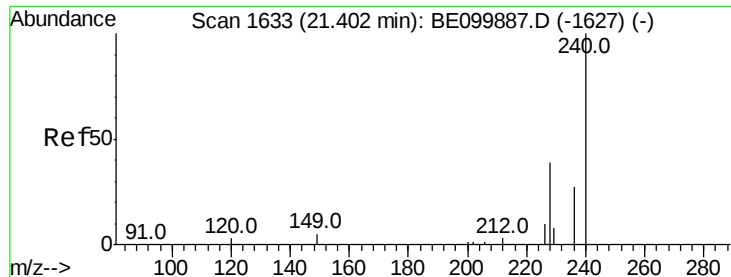
Tot Ion:266 Resp: 83
 Ion Ratio Lower Upper
 266 100
 264 83.3 62.2 93.2
 268 87.5 65.5 98.3



#25
 Fluoranthene-d10
 Concen: 0.349 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE099974.D
 Acq: 13 Jun 2019 1:49

Tgt Ion:212 Resp: 37432
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.3 0.9 1.3

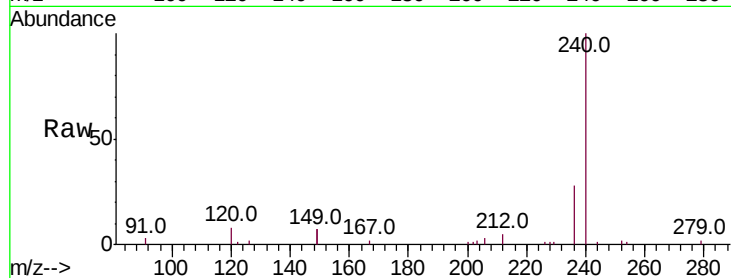




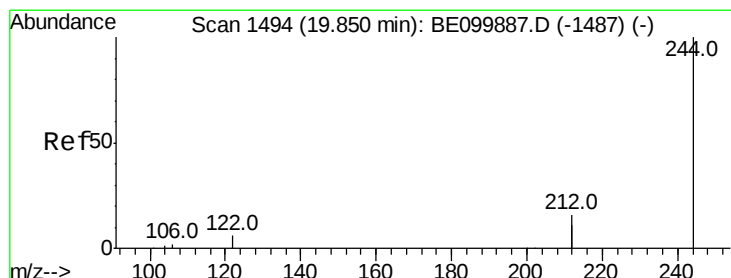
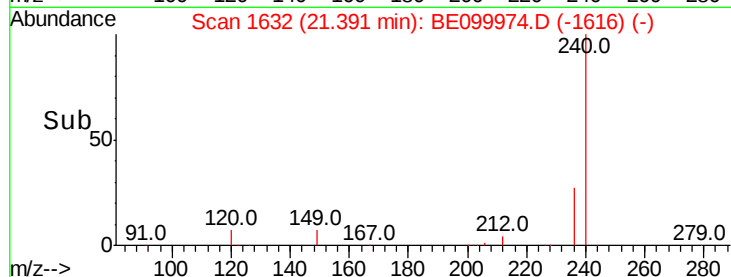
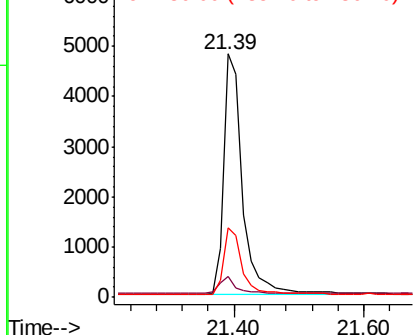
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE099974.D
 Acq: 13 Jun 2019 1:49

Instrument :
 BNA_E
 ClientSampleId :
 DUP01-20190604

Tot Ion:240 Resp: 9882
 Ion Ratio Lower Upper
 240 100
 120 8.4 3.8 5.6#
 236 28.4 22.0 33.0

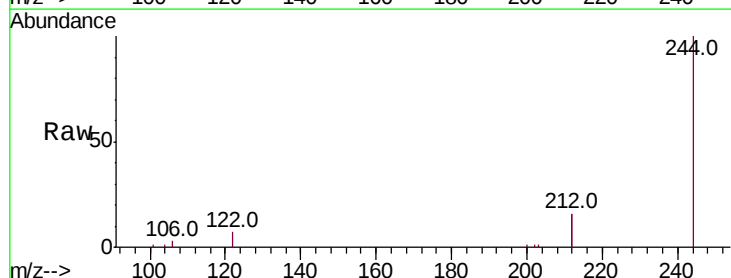


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

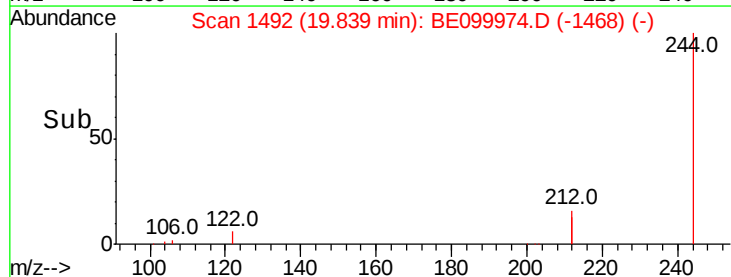
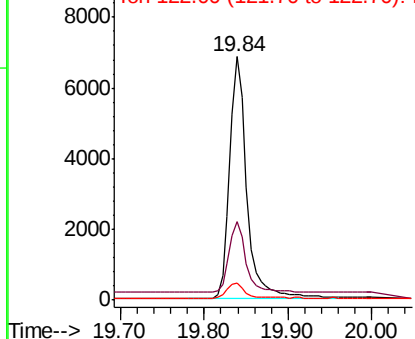


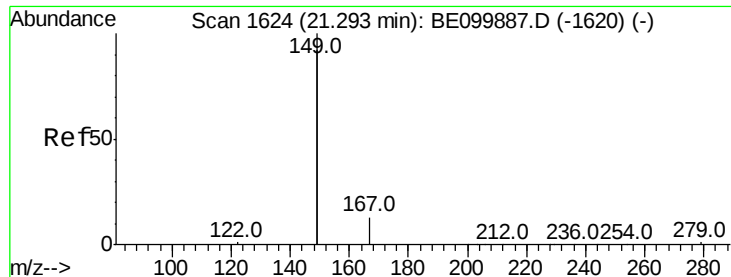
#29
 Terphenyl-d14
 Concen: 0.553 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE099974.D
 Acq: 13 Jun 2019 1:49

Tgt Ion:244 Resp: 9839
 Ion Ratio Lower Upper
 244 100
 212 32.0 25.7 38.5
 122 6.9 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

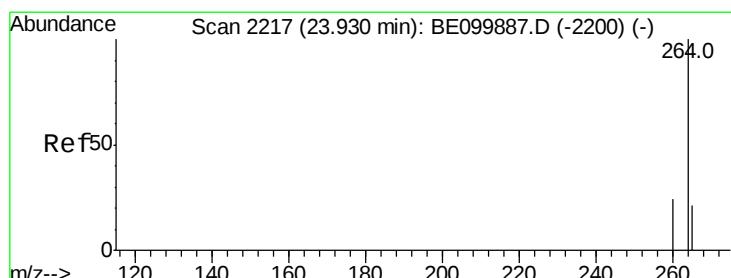
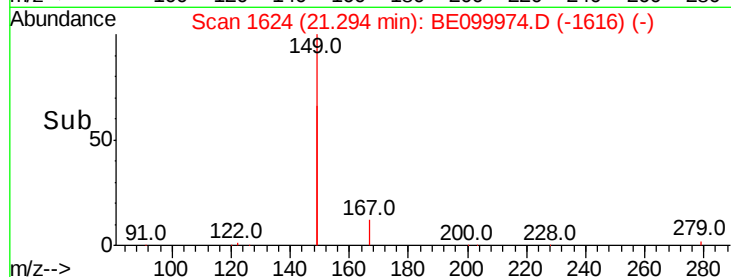
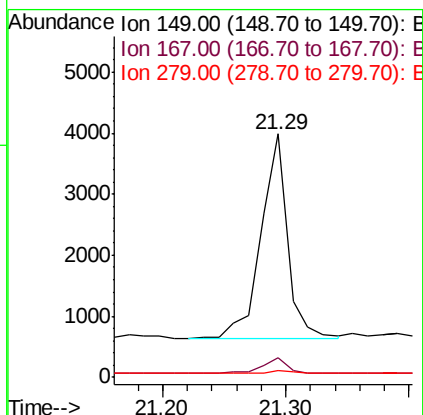
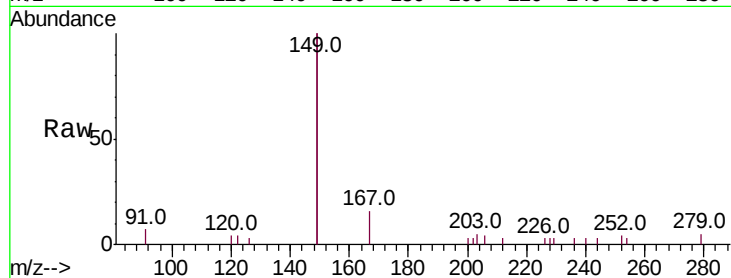




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.120 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE099974.D
Acq: 13 Jun 2019 1:49

Instrument :
BNA_E
ClientSampleId :
DUP01-20190604

Tot Ion:149 Resp: 5094
Ion Ratio Lower Upper
149 100
167 7.0 5.9 8.9
279 1.4 1.2 1.8



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BE099974.D
Acq: 13 Jun 2019 1:49

Tgt Ion:264 Resp: 11133
Ion Ratio Lower Upper
264 100
260 25.1 20.2 30.2
265 30.1 22.0 33.0

