

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099976.D
 Acq On : 13 Jun 2019 3:04
 Operator : JU/SJ
 Sample : K3255-09DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP03-20190606DL

Quant Time: Jun 13 04:12:38 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

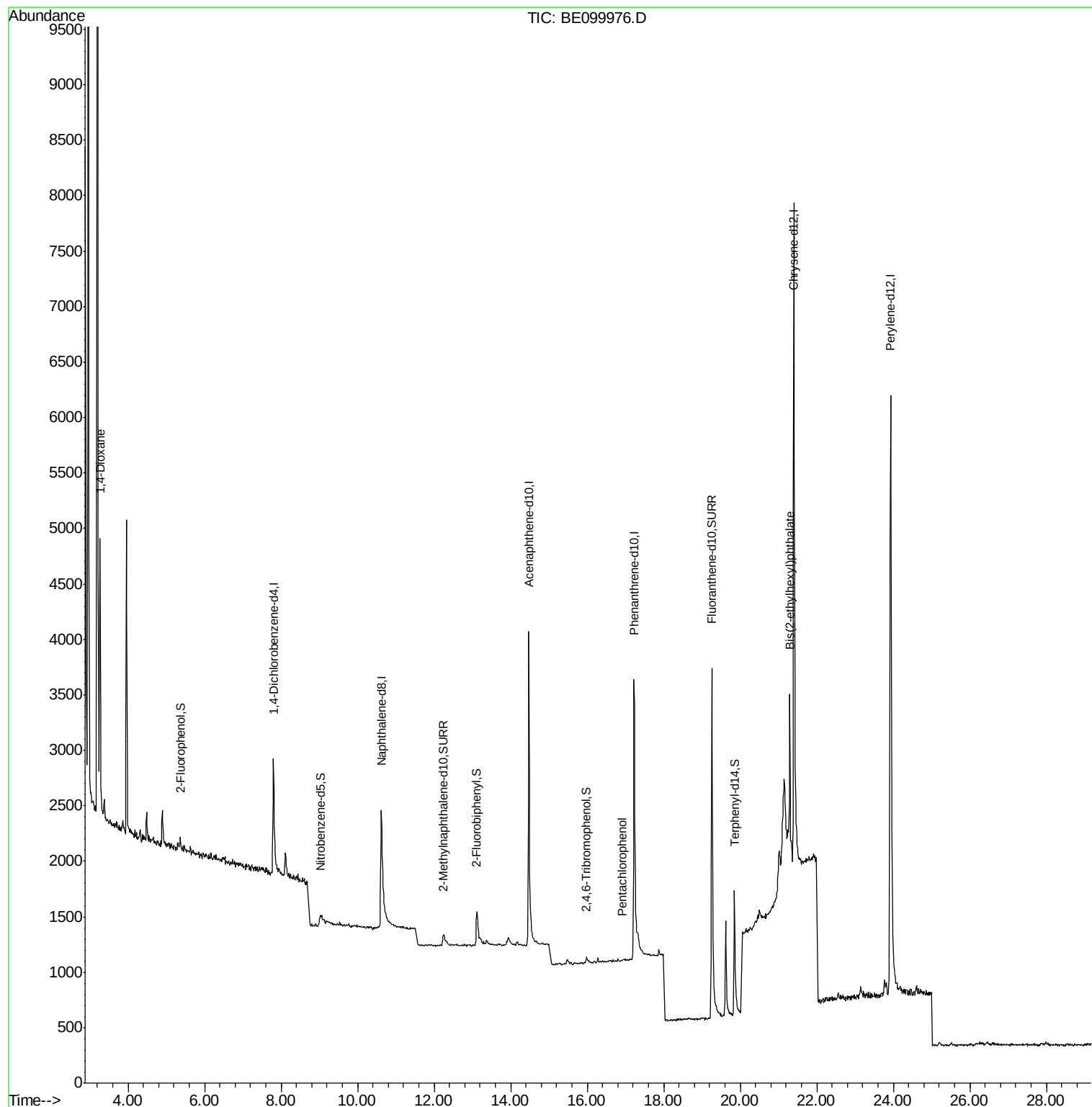
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	825	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2960	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2417	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7445	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9375	0.40	ng	0.00
34) Perylene-d12	23.93	264	10879	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	45	0.02	ng	0.01
5) Phenol-d6	7.00	99	8	0.00	ng	0.03
8) Nitrobenzene-d5	9.03	82	144	0.05	ng	0.07
11) 2-Methylnaphthalene-d10	12.24	152	399	0.08	ng	0.03
14) 2,4,6-Tribromophenol	15.98	330	64	0.04	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	798	0.09	ng	0.01
25) Fluoranthene-d10	19.25	212	7345	0.07	ng	0.00
29) Terphenyl-d14	19.85	244	1797	0.11	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	2257	1.848	ng	93
22) Pentachlorophenol	16.91	266	2	0.301	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.29	149	1707	0.042	ng	99

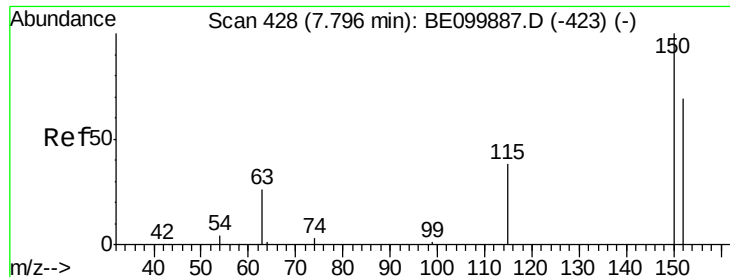
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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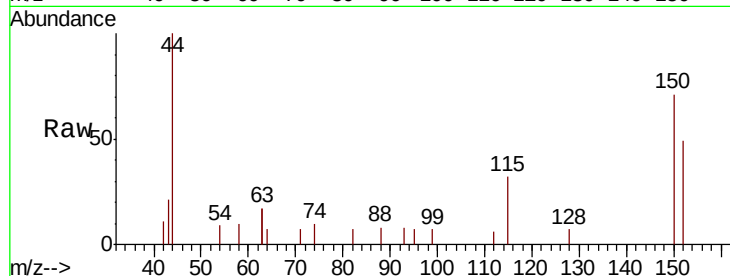


#1

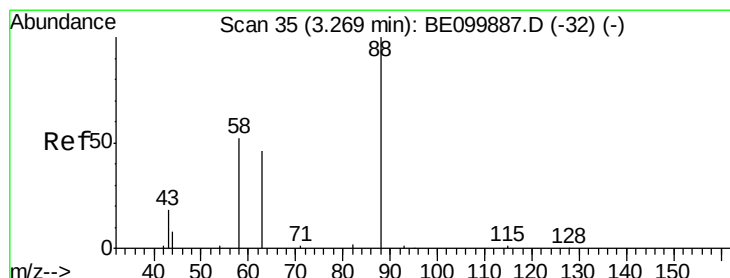
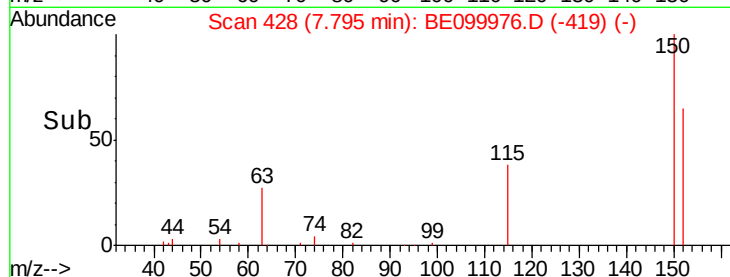
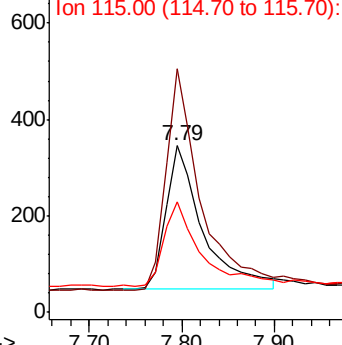
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099976.D
Acq: 13 Jun 2019 3:04

Instrument :
BNA_E
ClientSampleId :
DUP03-20190606DL

Tgt Ion: 152 Resp: 825
Ion Ratio Lower Upper
152 100
150 146.0 111.0 166.6
115 66.2 50.7 76.1



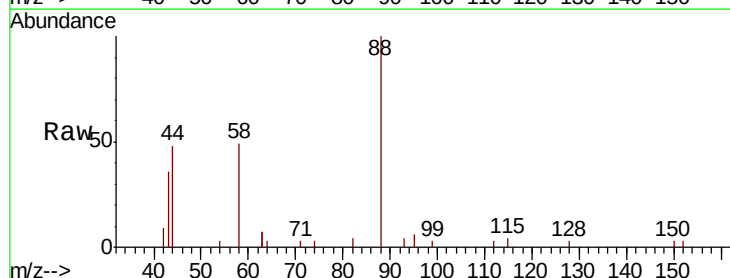
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



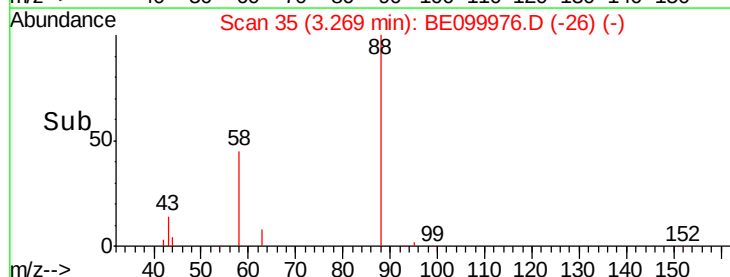
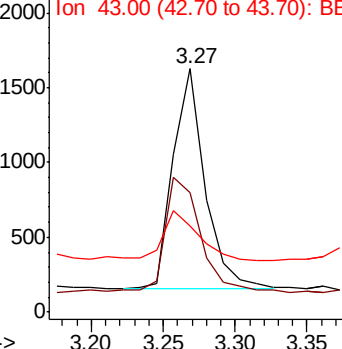
#2

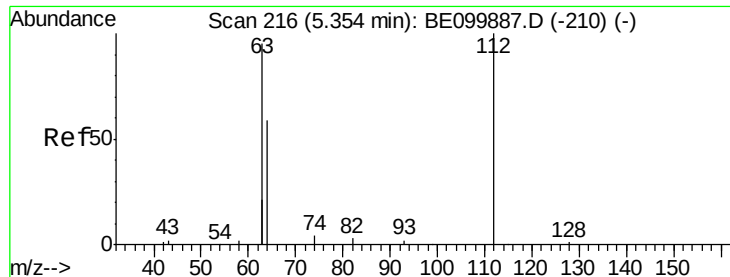
1,4-Dioxane
Concen: 1.848 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099976.D
Acq: 13 Jun 2019 3:04

Tgt Ion: 88 Resp: 2257
Ion Ratio Lower Upper
88 100
58 56.1 48.8 73.2
43 27.6 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: 0.020 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099976.D

Acq: 13 Jun 2019 3:04

Instrument :

BNA_E

ClientSampleId :

DUP03-20190606DL

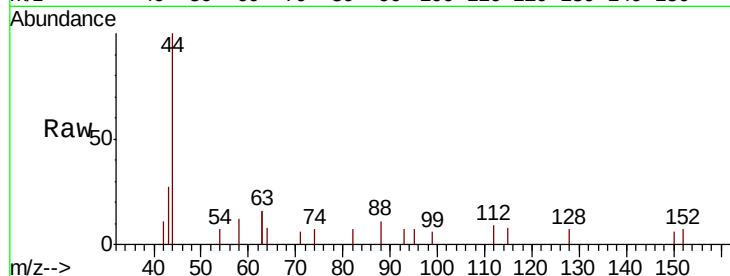
Tgt Ion: 112 Resp: 45

Ion Ratio Lower Upper

112 100

64 77.8 44.1 66.1#

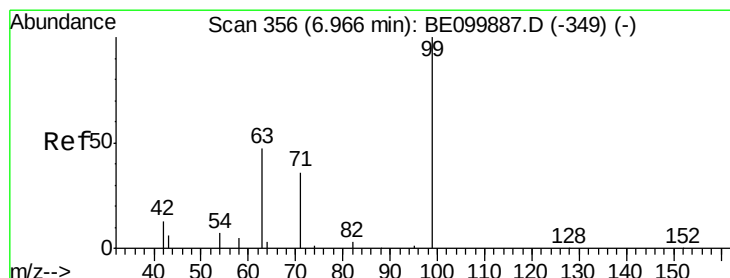
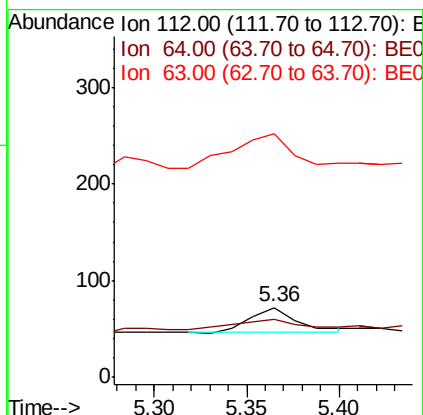
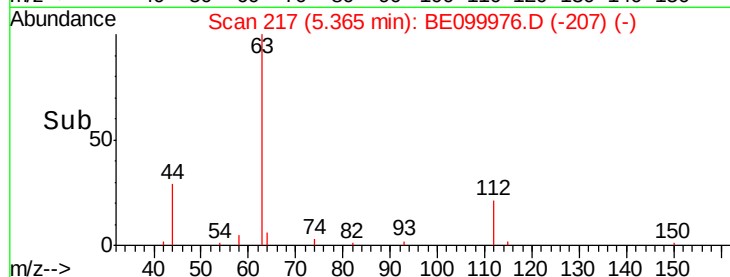
63 186.7 87.8 131.6#



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: 0.003 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.03 min

Lab File: BE099976.D

Acq: 13 Jun 2019 3:04

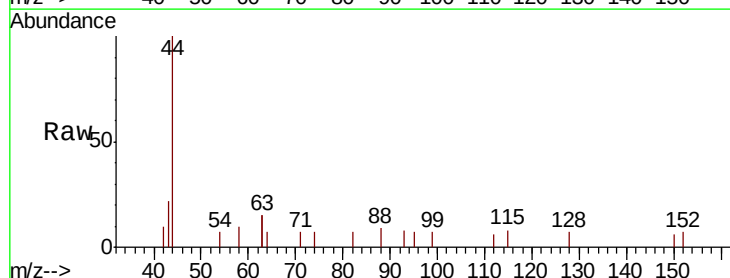
Tgt Ion: 99 Resp: 8

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

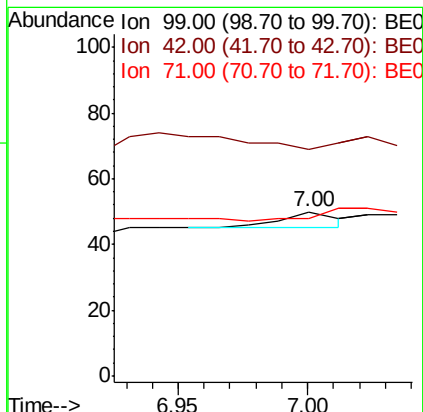
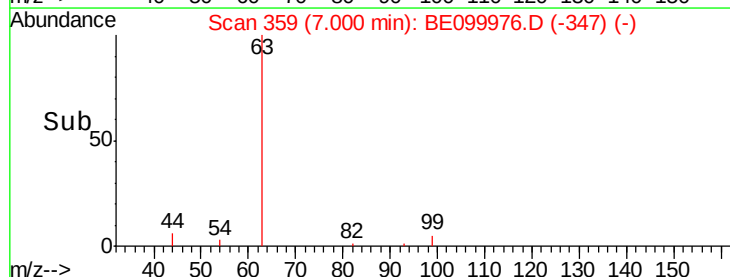
71 150.0 34.6 52.0#

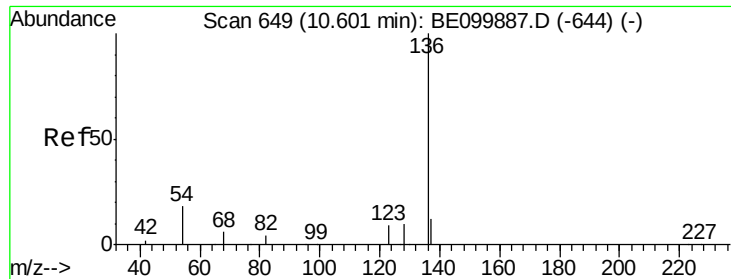


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099976.D

Acq: 13 Jun 2019 3:04

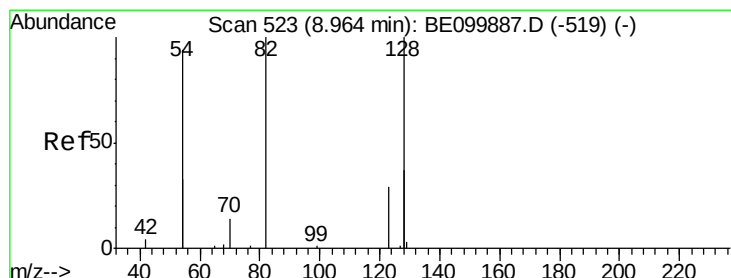
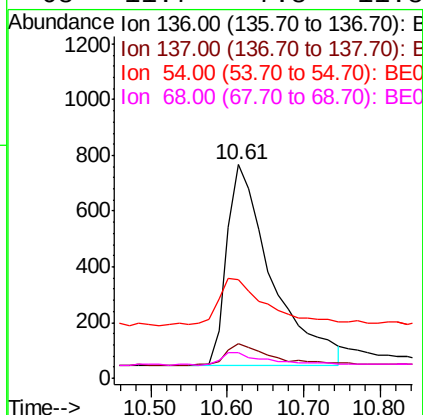
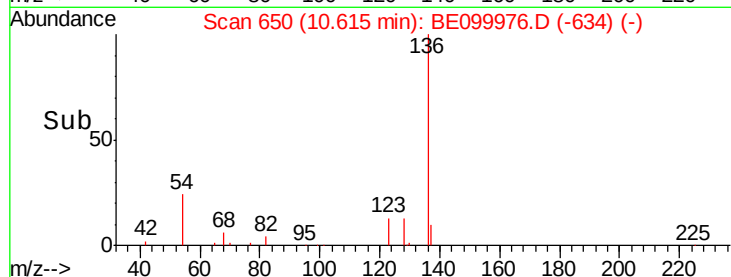
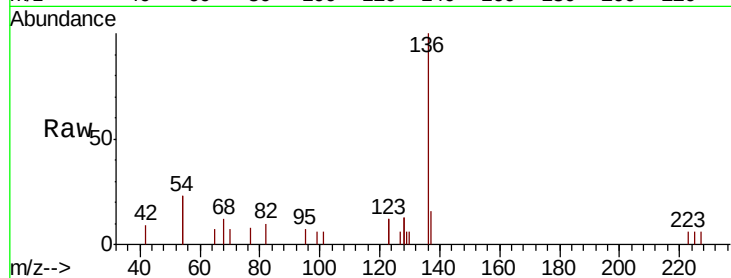
Instrument :

BNA_E

ClientSampleId :

DUP03-20190606DL

Tgt Ion:	136	Resp:	2960
Ion	Ratio	Lower	Upper
136	100		
137	15.9	12.3	18.5
54	45.9	28.2	42.4#
68	11.7	7.8	11.8



#8

Nitrobenzene-d5

Concen: 0.051 ng

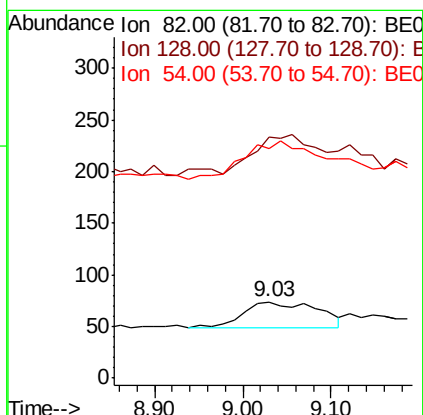
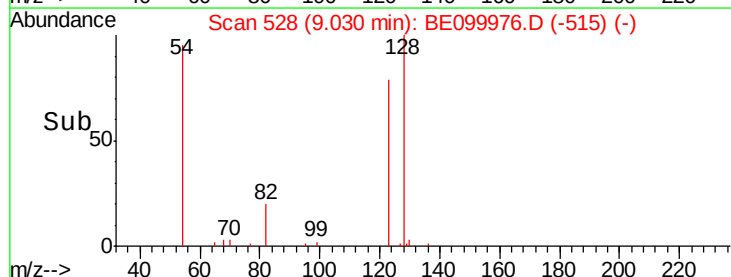
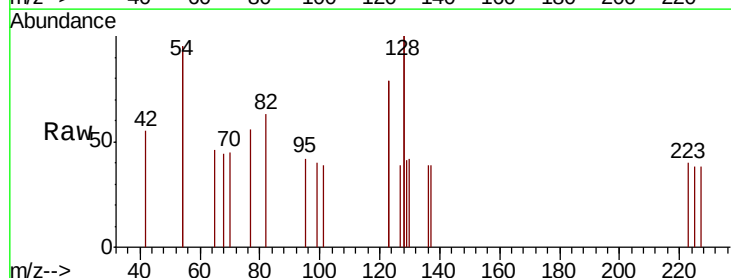
RT: 9.03 min Scan# 528

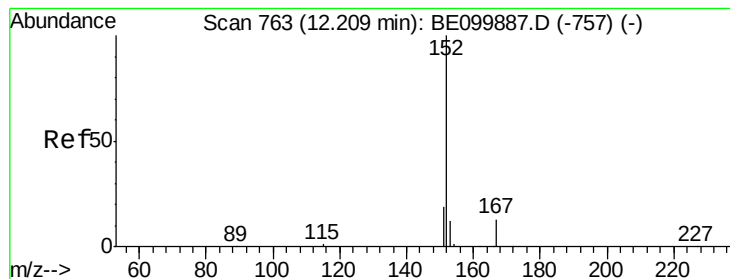
Delta R.T. 0.07 min

Lab File: BE099976.D

Acq: 13 Jun 2019 3:04

Tgt Ion:	82	Resp:	144
Ion	Ratio	Lower	Upper
82	100		
128	316.2	137.3	205.9#
54	300.0	129.7	194.5#





#11

2-Methylnaphthalene-d10

Concen: 0.077 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.03 min

Lab File: BE099976.D

Acq: 13 Jun 2019 3:04

Instrument :

BNA_E

ClientSampleId :

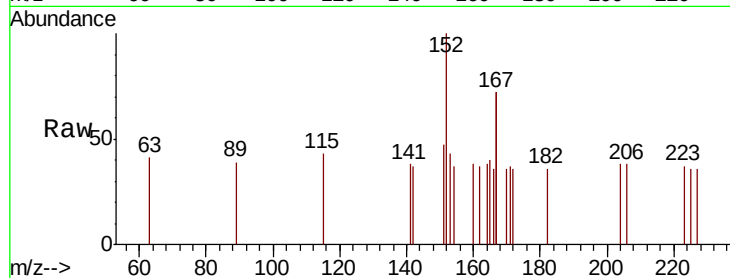
DUP03-20190606DL

Tgt Ion:152 Resp: 399

Ion Ratio Lower Upper

152 100

151 0.0 15.2 22.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

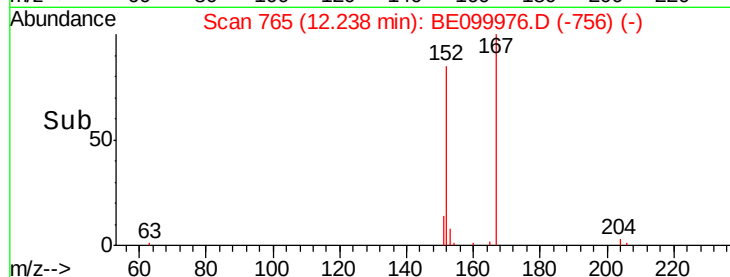
12.24

100

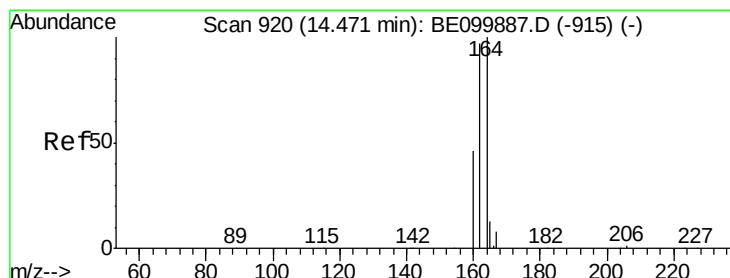
50

0

Time-->



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE099976.D

Acq: 13 Jun 2019 3:04

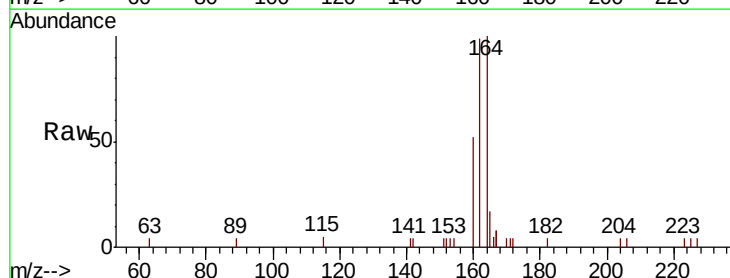
Tgt Ion:164 Resp: 2417

Ion Ratio Lower Upper

164 100

162 98.8 77.8 116.8

160 51.7 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

14.47

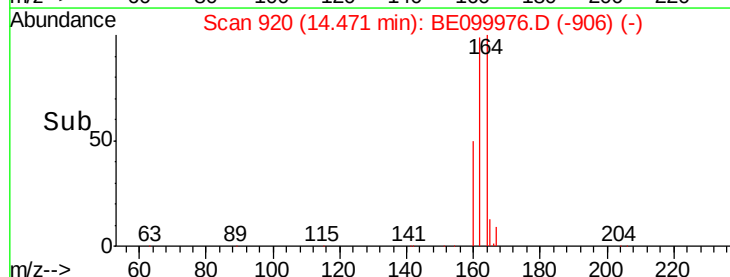
1500

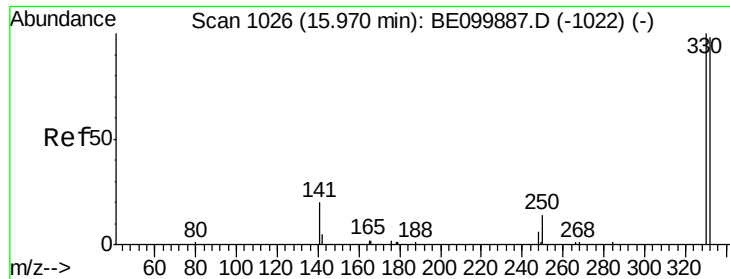
1000

500

0

Time-->

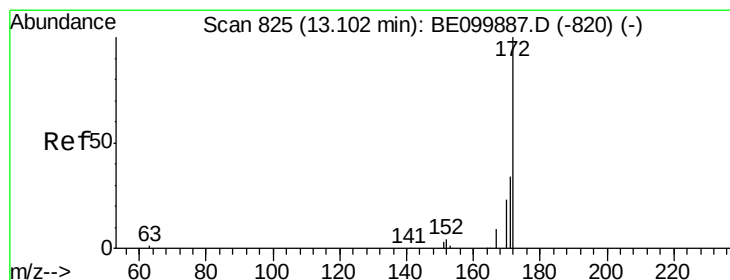
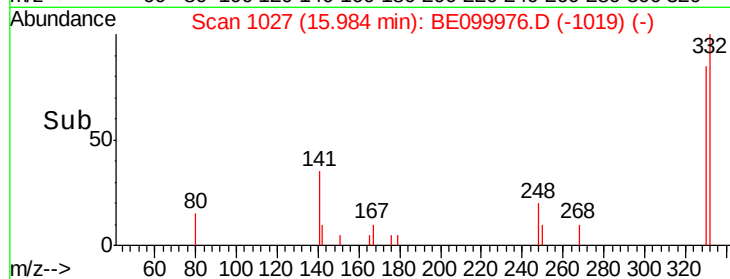
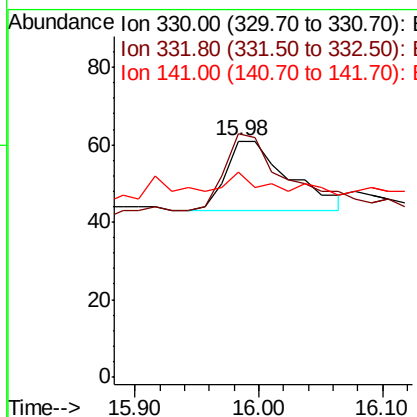
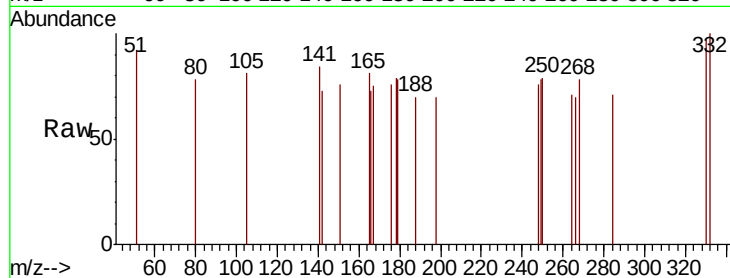




#14
 2,4,6-Tribromophenol
 Concen: 0.036 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BE099976.D
 Acq: 13 Jun 2019 3:04

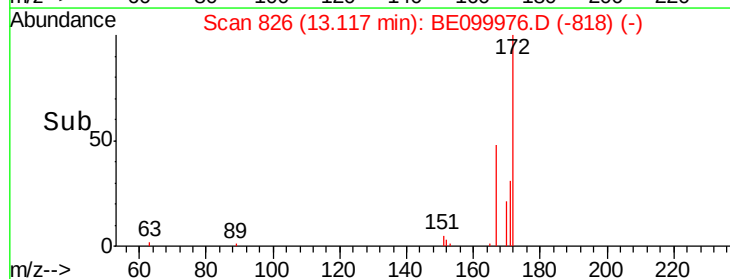
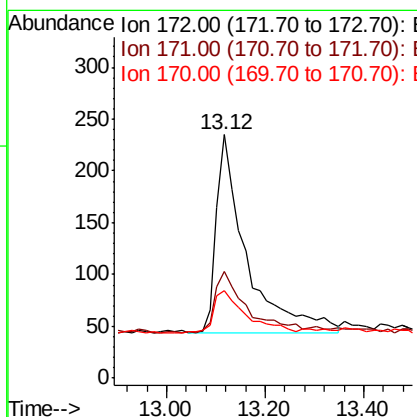
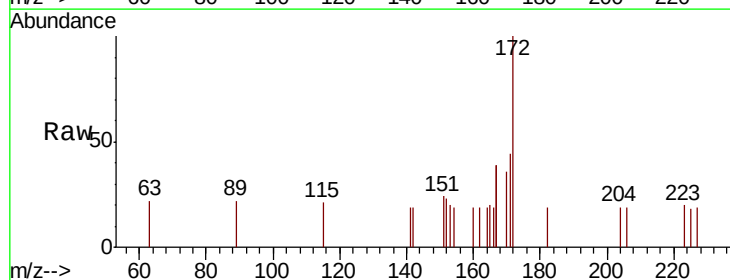
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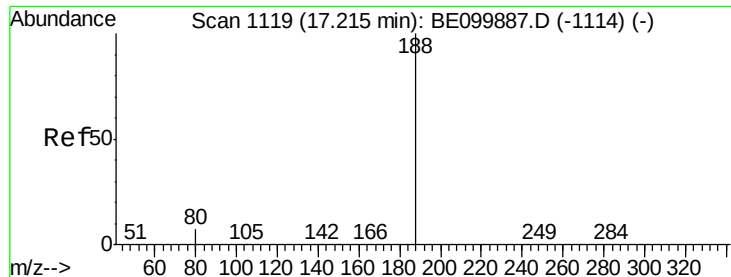
Tgt Ion: 330 Resp: 64
 Ion Ratio Lower Upper
 330 100
 332 118.8 76.7 115.1#
 141 23.4 21.0 31.6



#15
 2-Fluorobiphenyl
 Concen: 0.087 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BE099976.D
 Acq: 13 Jun 2019 3:04

Tgt Ion: 172 Resp: 798
 Ion Ratio Lower Upper
 172 100
 171 43.8 29.2 43.8#
 170 35.7 21.2 31.8#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099976.D

Acq: 13 Jun 2019 3:04

Instrument :

BNA_E

ClientSampleId :

DUP03-20190606DL

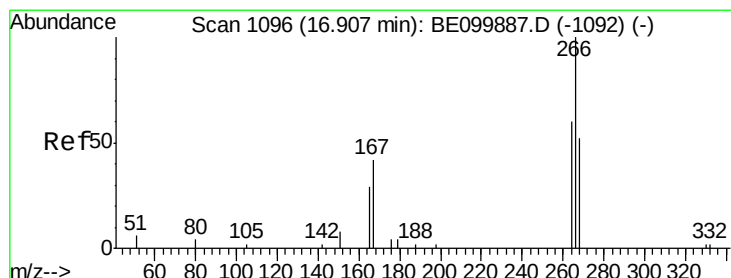
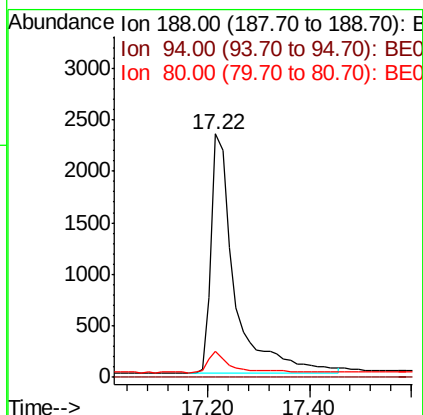
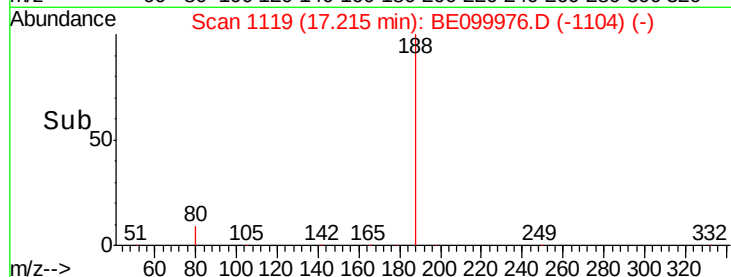
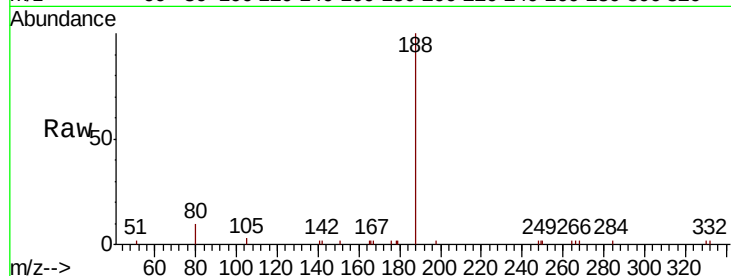
Tgt Ion:188 Resp: 7445

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 6.4 9.6#



#22

Pentachlorophenol

Concen: 0.301 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE099976.D

Acq: 13 Jun 2019 3:04

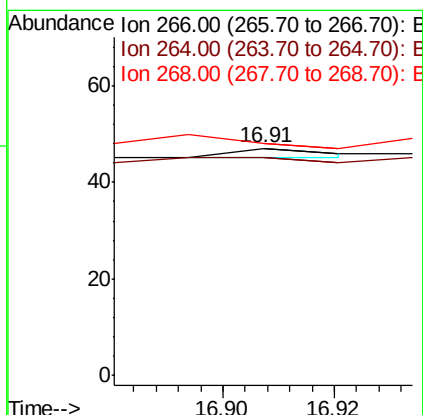
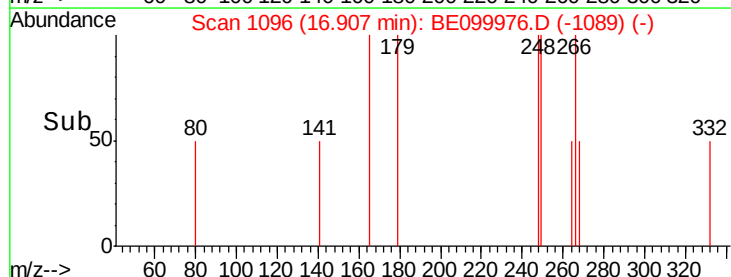
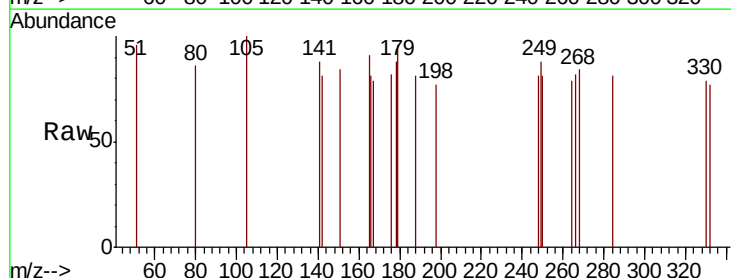
Tgt Ion:266 Resp: 2

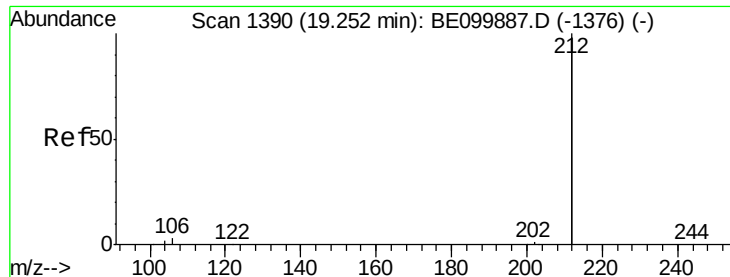
Ion Ratio Lower Upper

266 100

264 95.7 62.2 93.2#

268 102.1 65.5 98.3#





#25

Fluoranthene-d10

Concen: 0.068 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE099976.D

Acq: 13 Jun 2019 3:04

Instrument :

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ClientSampleId :

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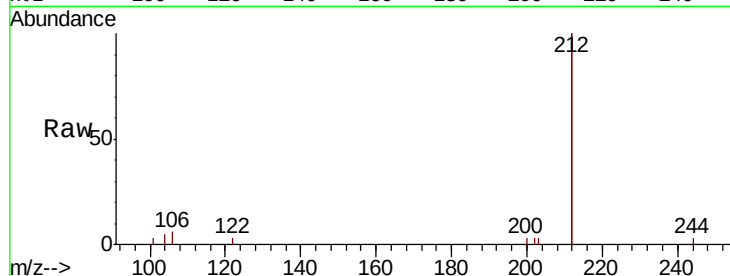
Tgt Ion:212 Resp: 7345

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

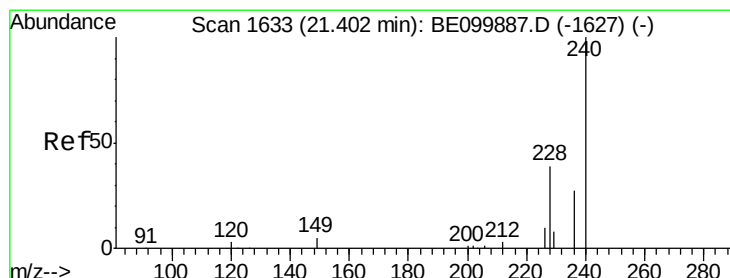
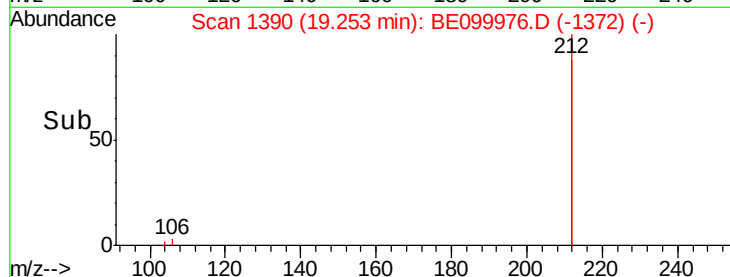
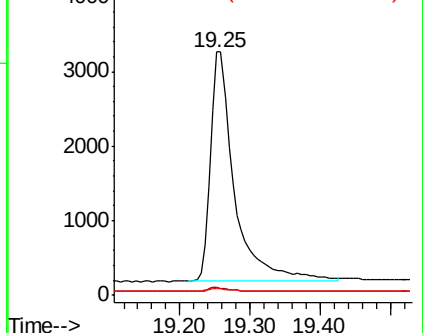
104 0.6 0.9 1.3#



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: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099976.D

Acq: 13 Jun 2019 3:04

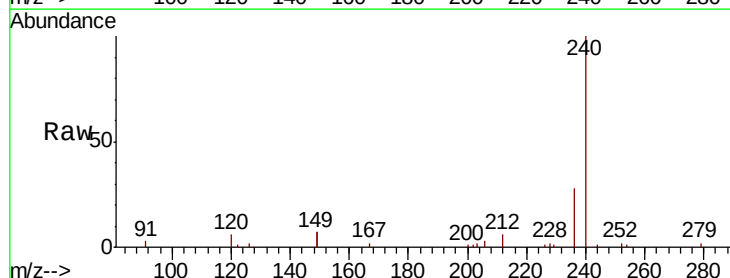
Tgt Ion:240 Resp: 9375

Ion Ratio Lower Upper

240 100

120 6.4 3.8 5.6#

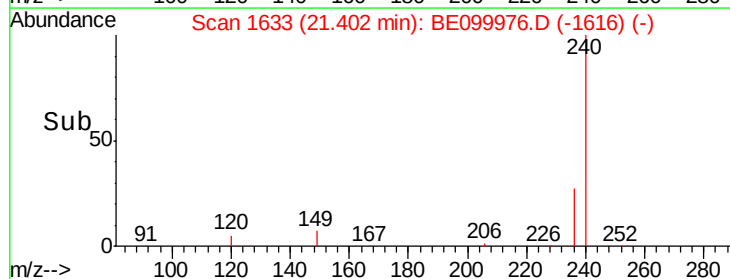
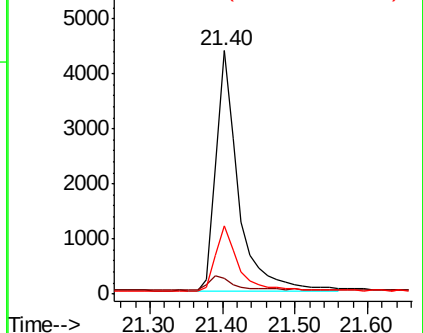
236 28.0 22.0 33.0

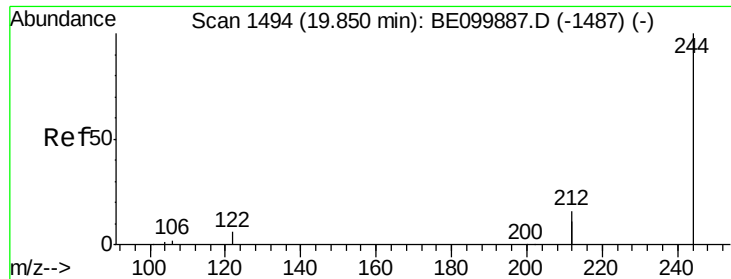


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.106 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE099976.D

Acq: 13 Jun 2019 3:04

Instrument :

BNA_E

ClientSampleId :

DUP03-20190606DL

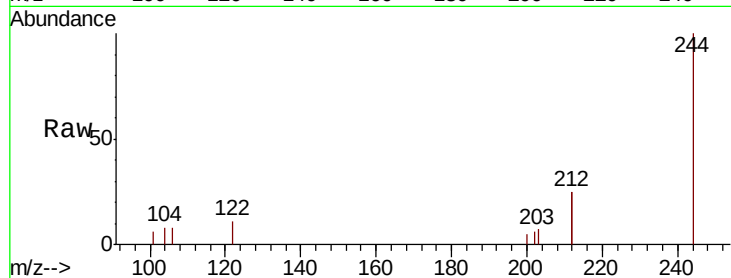
Tgt Ion:244 Resp: 1797

Ion Ratio Lower Upper

244 100

212 49.7 25.7 38.5#

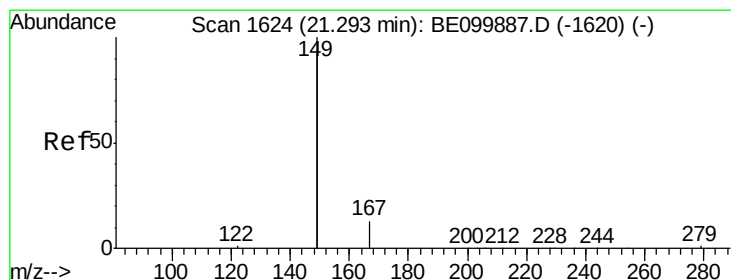
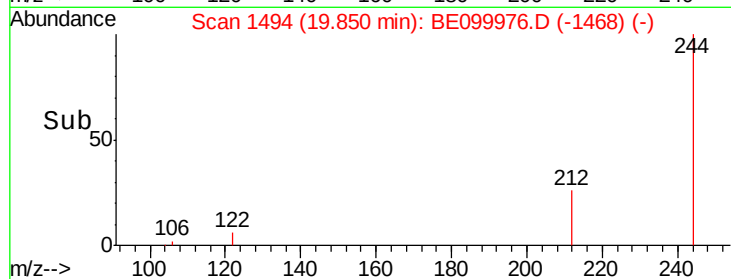
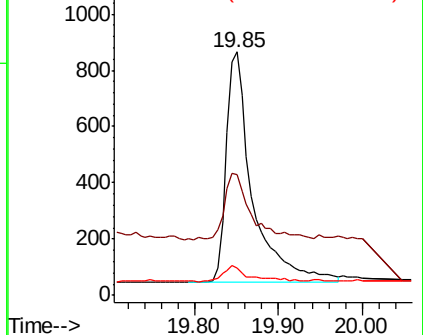
122 11.3 5.5 8.3#



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: 0.042 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099976.D

Acq: 13 Jun 2019 3:04

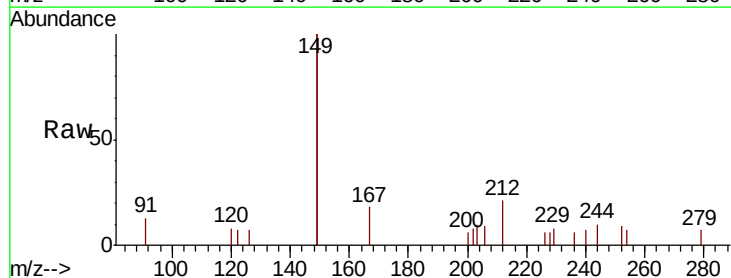
Tgt Ion:149 Resp: 1707

Ion Ratio Lower Upper

149 100

167 7.1 5.9 8.9

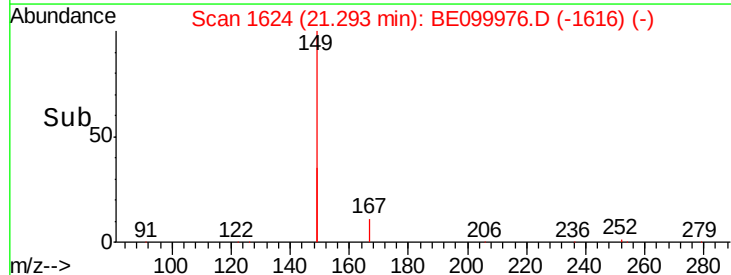
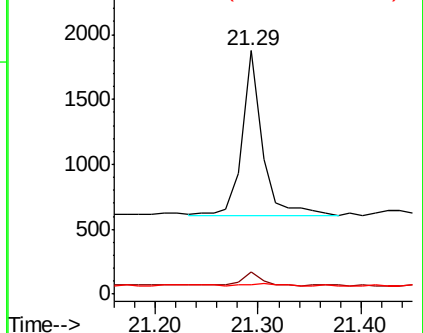
279 1.6 1.2 1.8

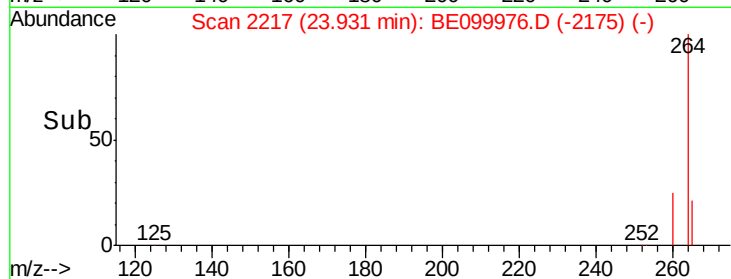
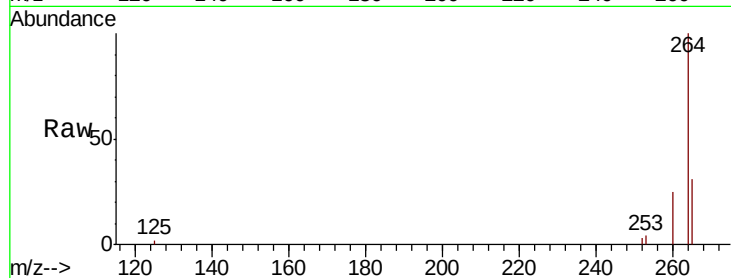
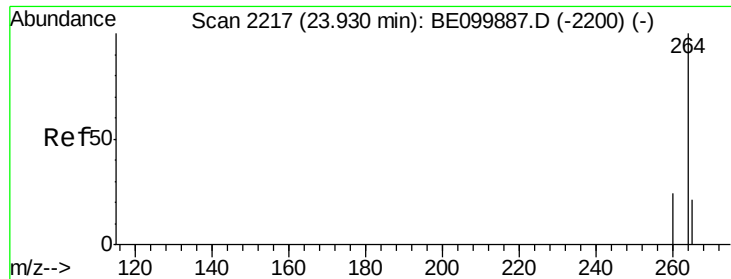


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2217

Delta R.T. 0.00 min

Lab File: BE099976.D

Acq: 13 Jun 2019 3:04

Instrument :

BNA_E

ClientSampleId :

DUP03-20190606DL

Tgt Ion:264 Resp: 10879

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

265 30.9 22.0 33.0

