

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
 Data File : BE099818.D
 Acq On : 6 Jun 2019 11:43
 Operator : JU/SJ
 Sample : PB120350BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120350BL

Quant Time: Jun 07 02:05:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 14:35:58 2019
 Response via : Initial Calibration

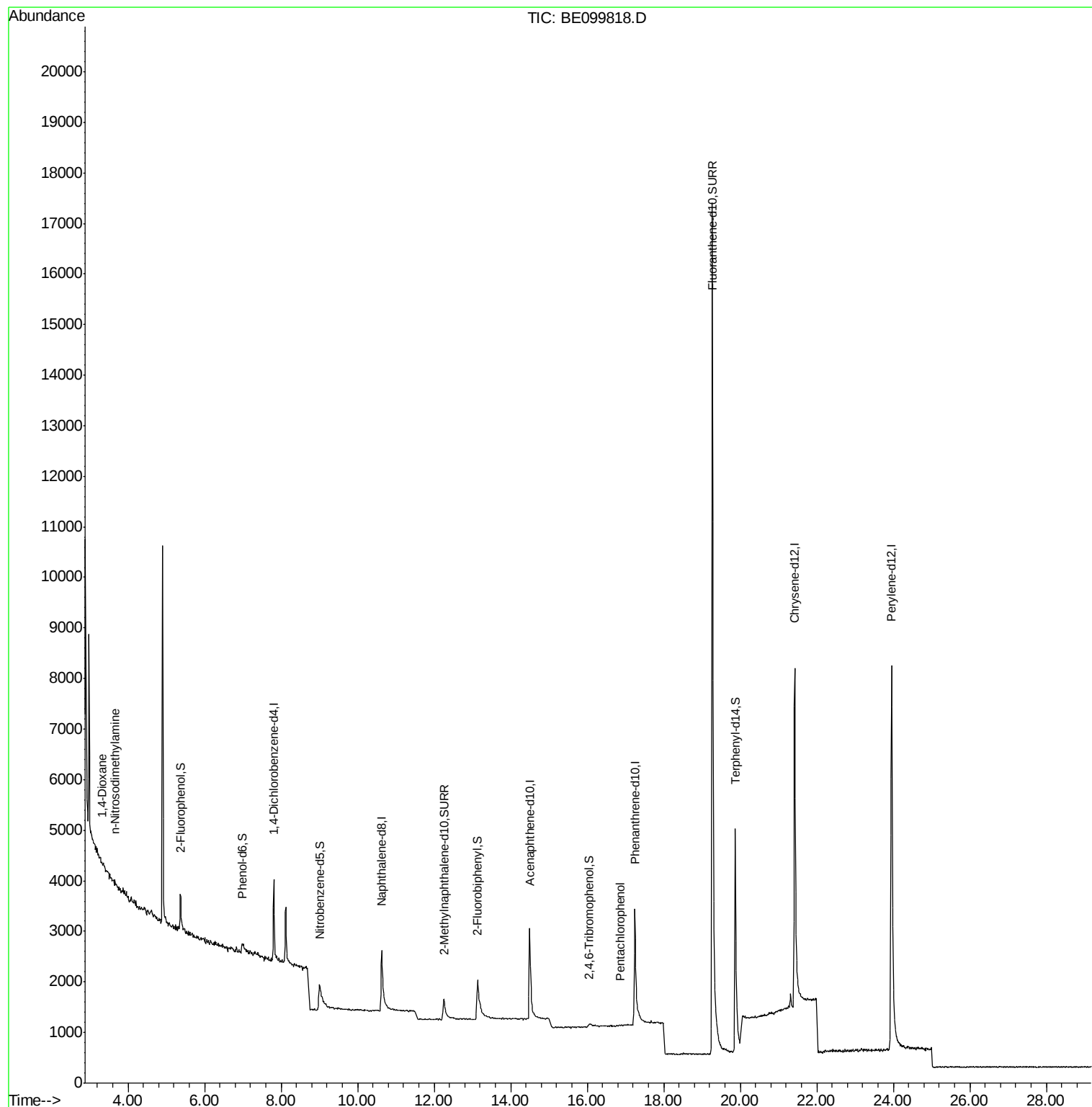
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1023	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	3115	0.40	ng	0.01
13) Acenaphthene-d10	14.50	164	2246	0.40	ng	0.03
19) Phenanthrene-d10	17.24	188	7560	0.40	ng	0.01
27) Chrysene-d12	21.43	240	13491	0.40	ng	0.01
34) Perylene-d12	23.95	264	16153	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	607	0.24	ng	0.01
5) Phenol-d6	6.99	99	646	0.20	ng	0.02
8) Nitrobenzene-d5	9.00	82	687	0.25	ng	0.04
11) 2-Methylnaphthalene-d10	12.25	152	1631	0.30	ng	0.04
14) 2,4,6-Tribromophenol	16.05	330	42	0.17	ng	0.07
15) 2-Fluorobiphenyl	13.13	172	2516	0.30	ng	0.03
25) Fluoranthene-d10	19.27	212	41023	0.37	ng	0.01
29) Terphenyl-d14	19.87	244	8245	0.37	ng	0.01
Target Compounds						
2) 1,4-Dioxane	3.31	88	43	0.029	ng	Qvalue # 30
3) n-Nitrosodimethylamine	3.65	42	55	0.070	ng	# 1
22) Pentachlorophenol	16.87	266	7	0.284	ng	87

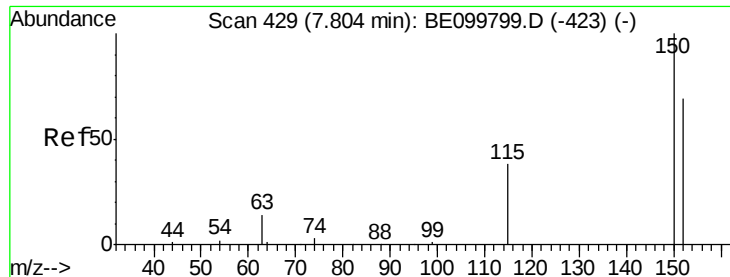
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE099818.D

Acq: 6 Jun 2019 11:43

Instrument :

BNA_E

ClientSampleId :

PB120350BL

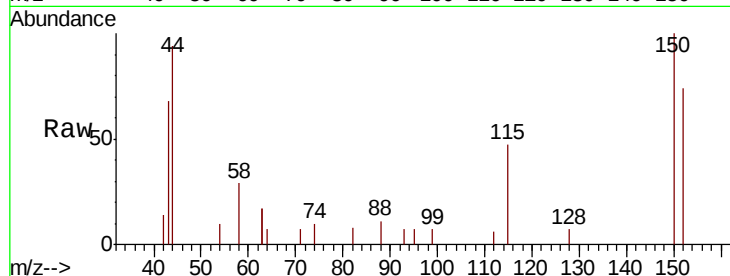
Tgt Ion:152 Resp: 1023

Ion Ratio Lower Upper

152 100

150 135.8 112.8 169.2

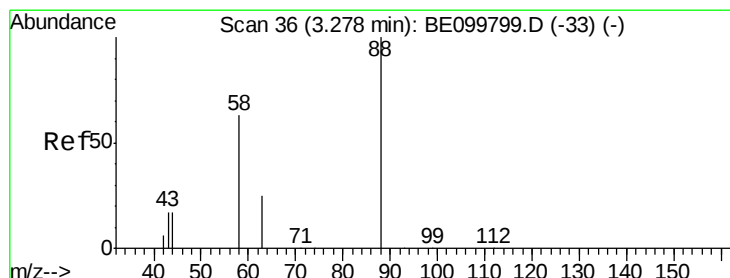
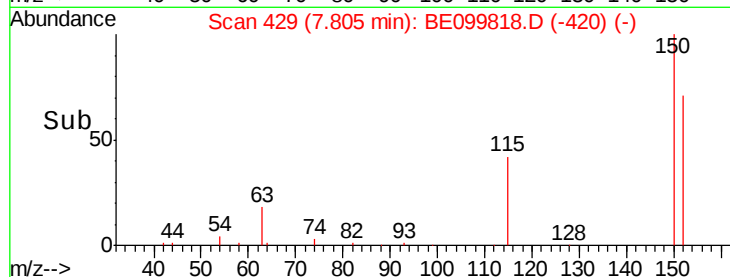
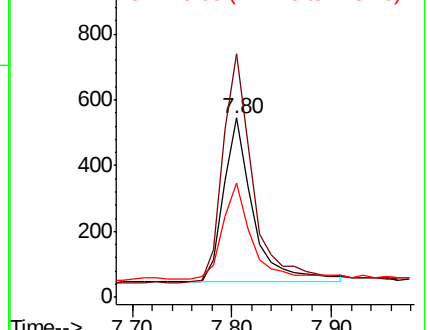
115 64.2 47.6 71.4



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: 0.029 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.04 min

Lab File: BE099818.D

Acq: 6 Jun 2019 11:43

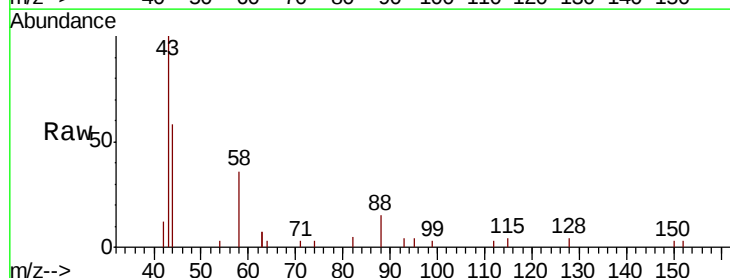
Tgt Ion: 88 Resp: 43

Ion Ratio Lower Upper

88 100

58 0.0 47.3 70.9#

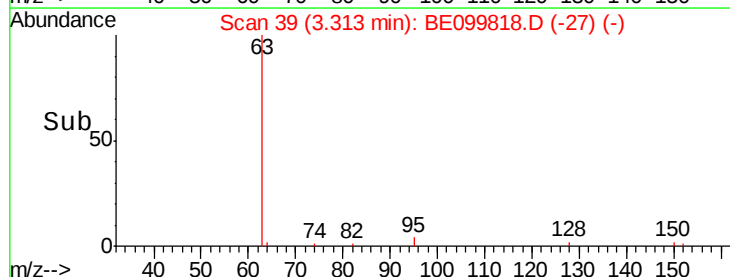
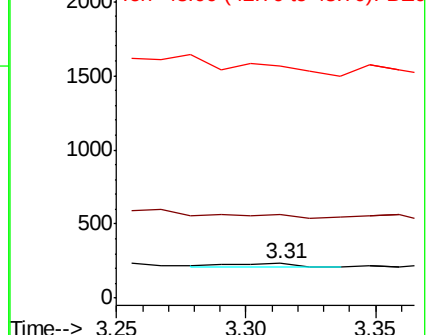
43 0.0 18.2 27.4#

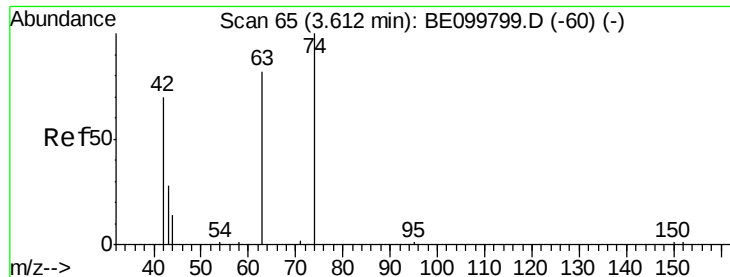


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.070 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.04 min

Lab File: BE099818.D

Acq: 6 Jun 2019 11:43

Instrument :

BNA_E

ClientSampleId :

PB120350BL

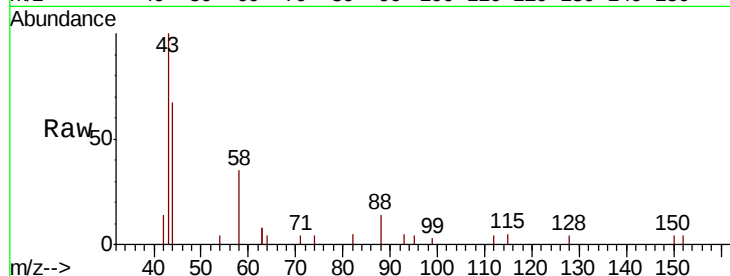
Tgt Ion: 42 Resp: 55

Ion Ratio Lower Upper

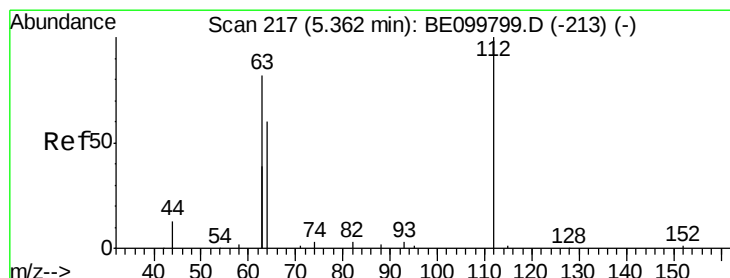
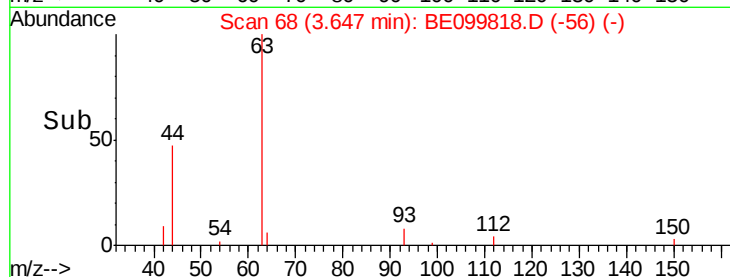
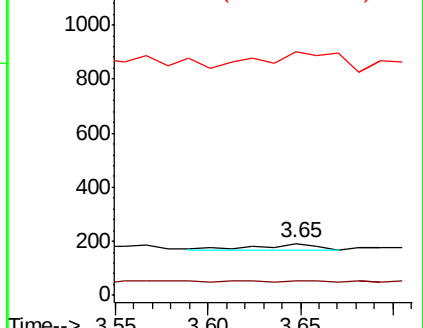
42 100

74 9.1 132.6 198.8#

44 247.3 13.4 20.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.244 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099818.D

Acq: 6 Jun 2019 11:43

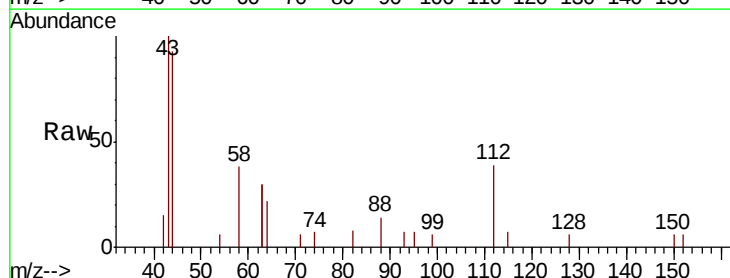
Tgt Ion: 112 Resp: 607

Ion Ratio Lower Upper

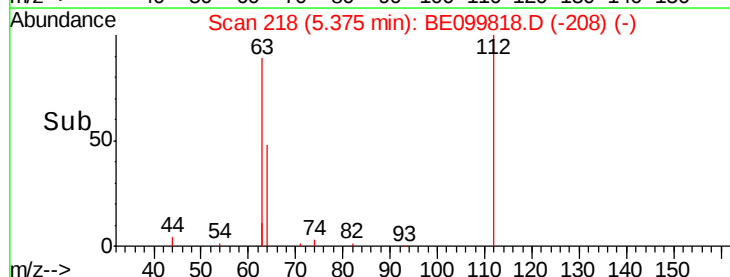
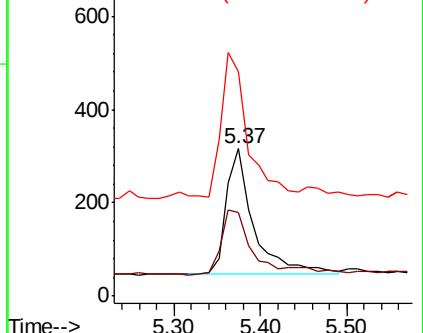
112 100

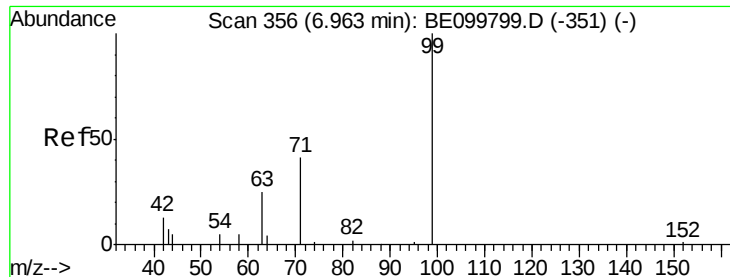
64 62.1 47.2 70.8

63 111.7 90.7 136.1



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: 0.202 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099818.D

Acq: 6 Jun 2019 11:43

Instrument :

BNA_E

ClientSampleId :

PB120350BL

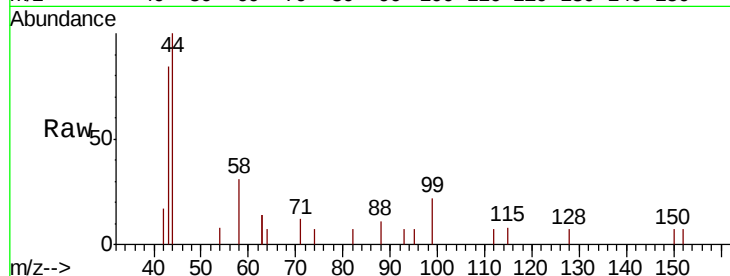
Tgt Ion: 99 Resp: 646

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

71 36.5 26.1 39.1



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

6.99

150

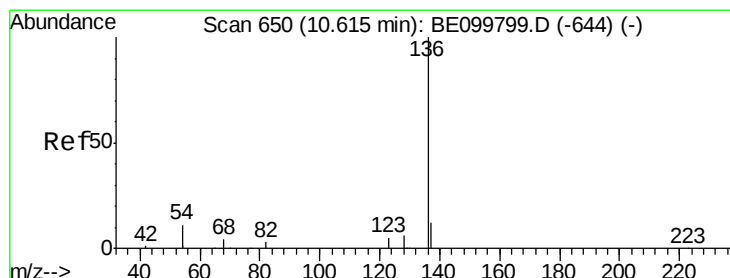
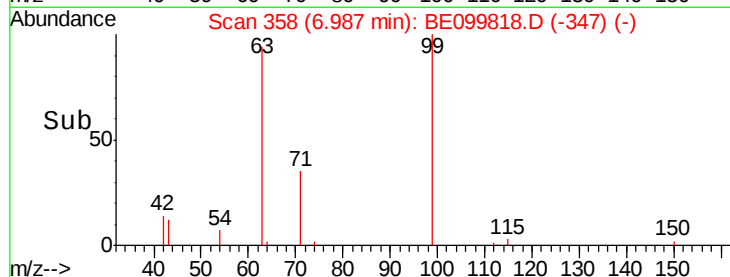
100

50

0

6.80 6.90 7.00 7.10 7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.01 min

Lab File: BE099818.D

Acq: 6 Jun 2019 11:43

Tgt Ion: 136 Resp: 3115

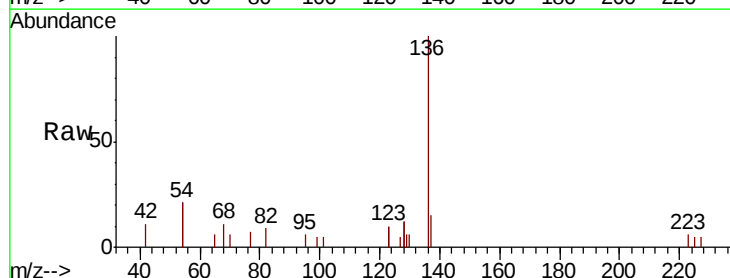
Ion Ratio Lower Upper

136 100

137 14.8 11.1 16.7

54 42.6 17.9 26.9#

68 11.4 5.4 8.0#



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

10.63

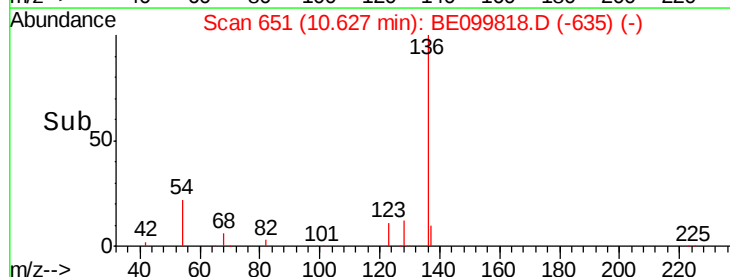
1000

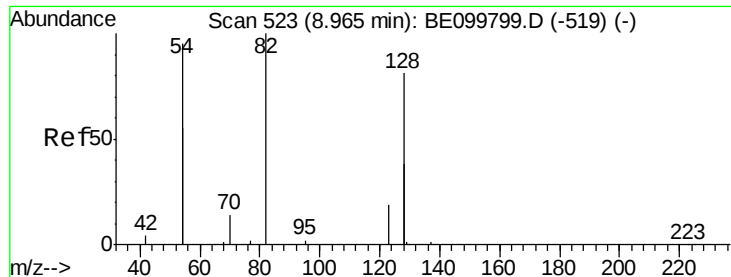
500

0

10.50 10.60 10.70 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.251 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE099818.D

Acq: 6 Jun 2019 11:43

Instrument :

BNA_E

ClientSampleId :

PB120350BL

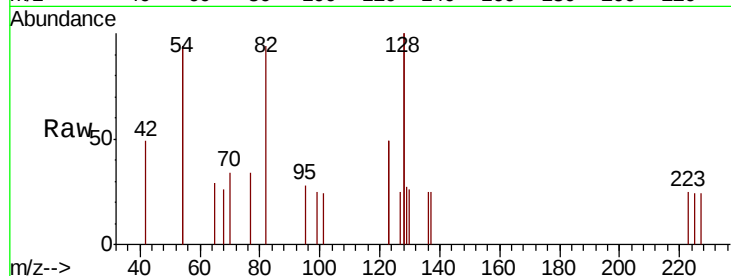
Tgt Ion: 82 Resp: 687

Ion Ratio Lower Upper

82 100

128 212.3 116.6 175.0#

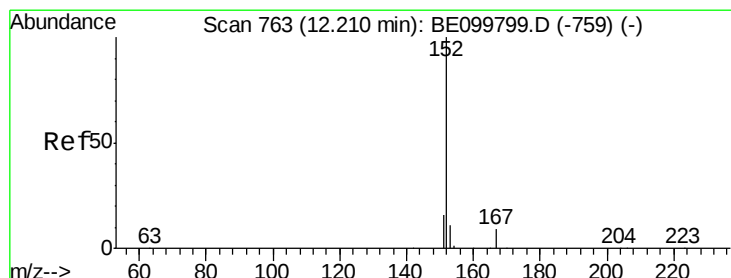
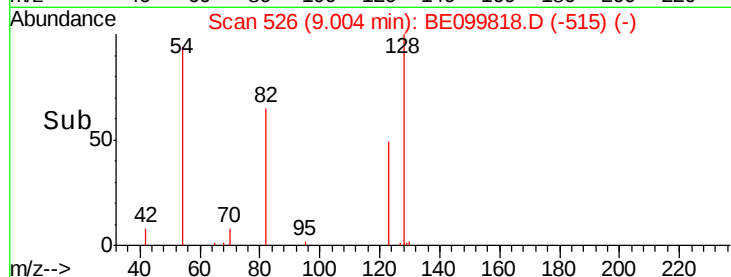
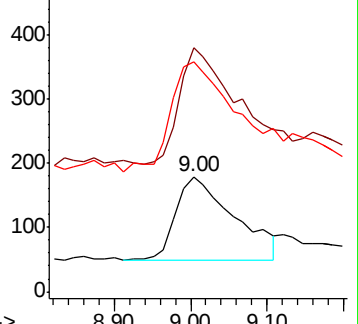
54 200.0 136.2 204.4



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: 0.305 ng

RT: 12.25 min Scan# 766

Delta R.T. 0.04 min

Lab File: BE099818.D

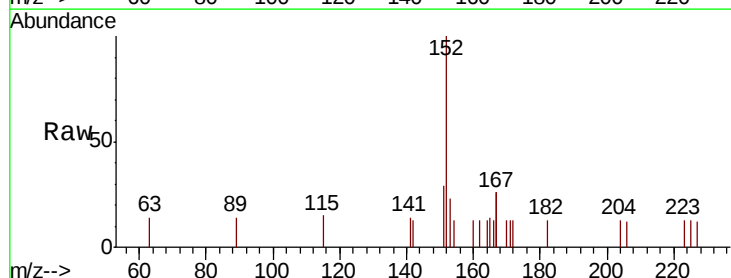
Acq: 6 Jun 2019 11:43

Tgt Ion: 152 Resp: 1631

Ion Ratio Lower Upper

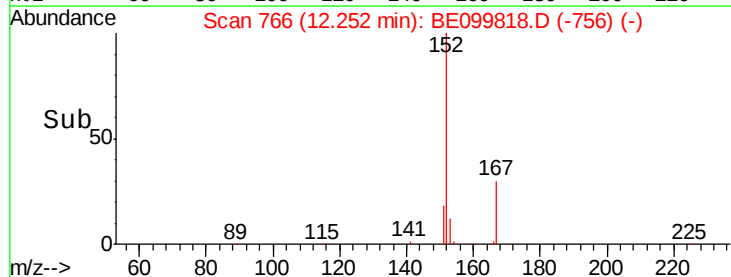
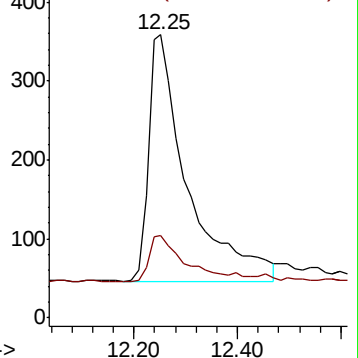
152 100

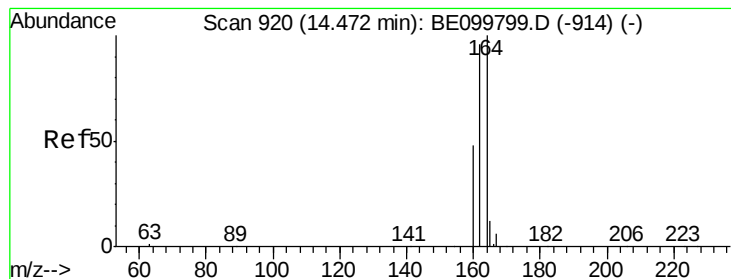
151 18.9 15.8 23.8



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: 14.50 min Scan# 922

Delta R.T. 0.03 min

Lab File: BE099818.D

Acq: 6 Jun 2019 11:43

Instrument :

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ClientSampleId :

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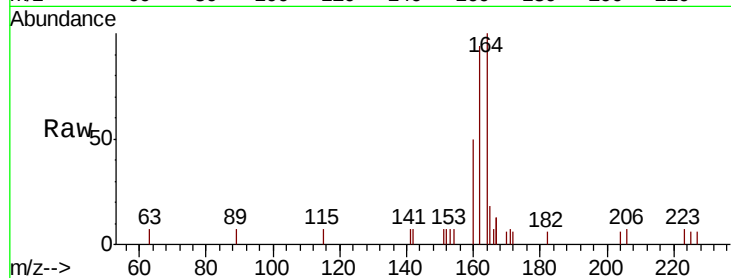
Tgt Ion:164 Resp: 2246

Ion Ratio Lower Upper

164 100

162 94.3 77.2 115.8

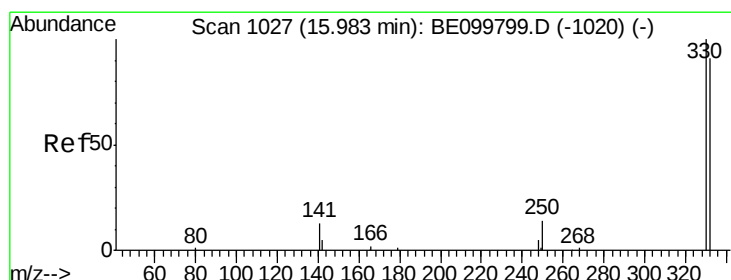
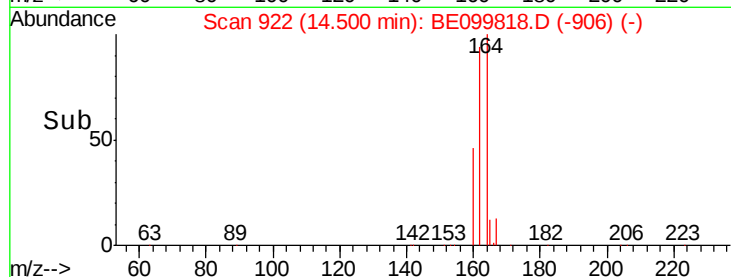
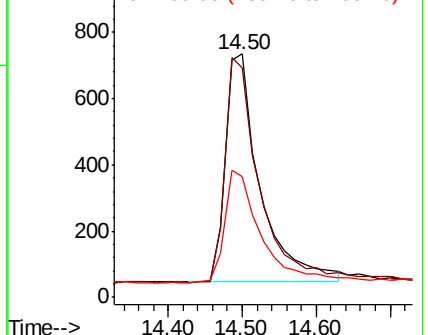
160 49.5 39.4 59.2



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: 0.166 ng

RT: 16.05 min Scan# 1032

Delta R.T. 0.07 min

Lab File: BE099818.D

Acq: 6 Jun 2019 11:43

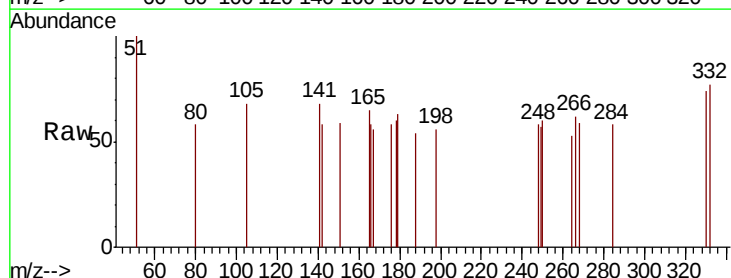
Tgt Ion:330 Resp: 42

Ion Ratio Lower Upper

330 100

332 0.0 74.9 112.3#

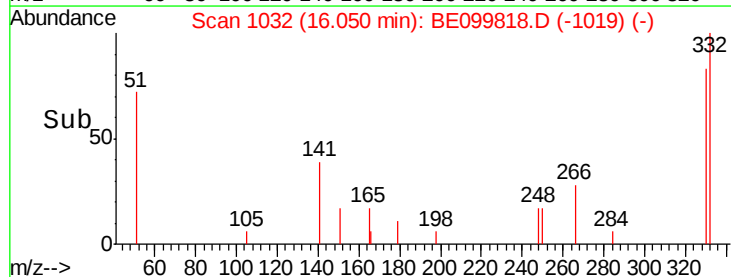
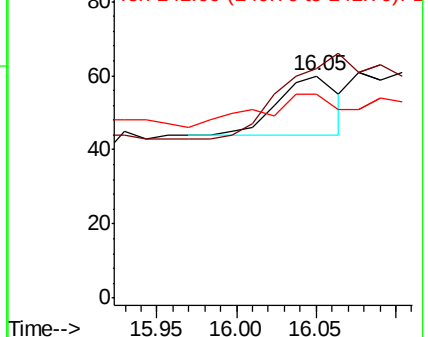
141 81.0 16.0 24.0#

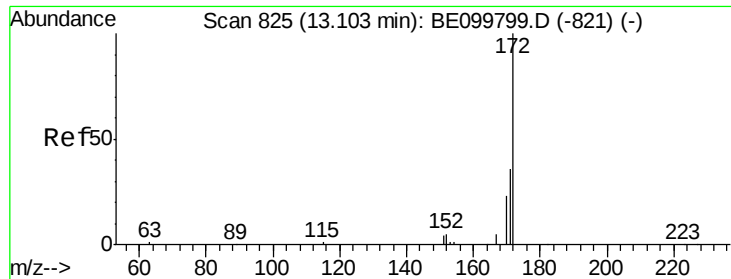


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

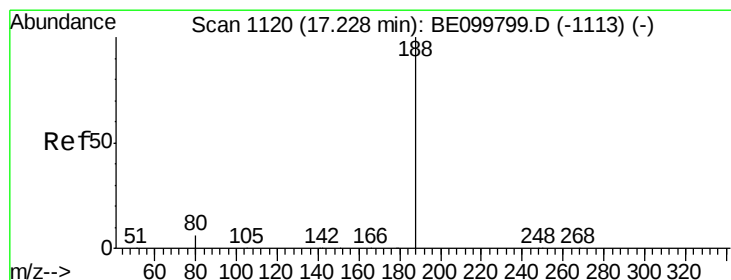
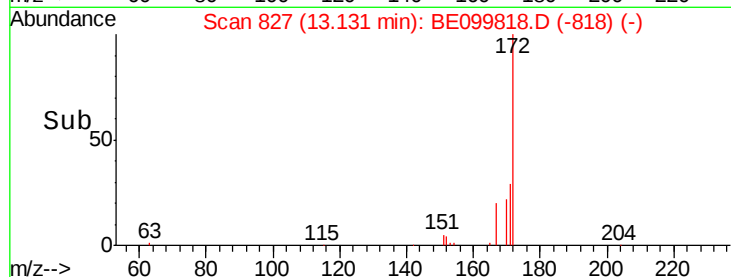
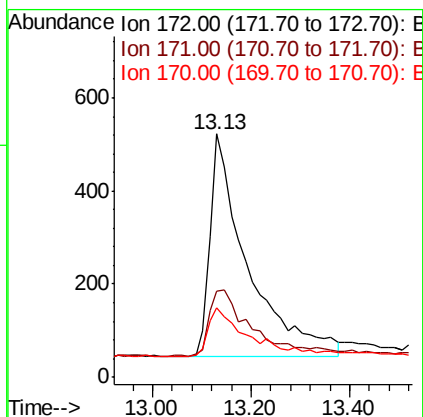
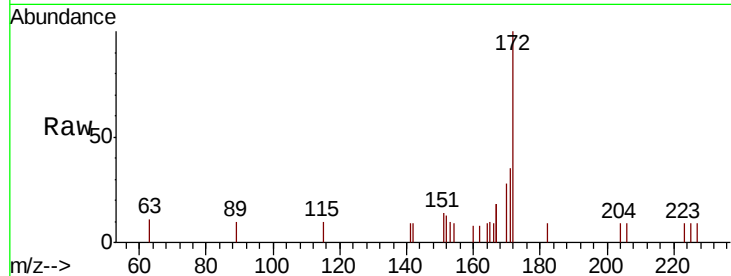




#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.03 min
Lab File: BE099818.D
Acq: 6 Jun 2019 11:43

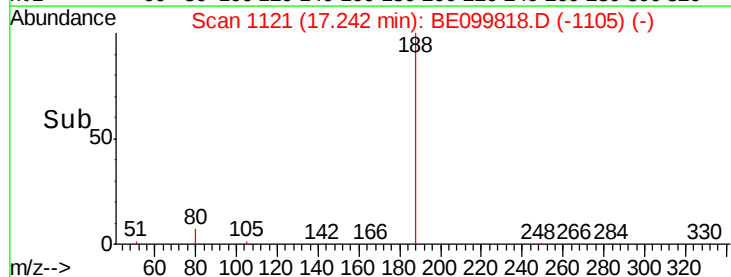
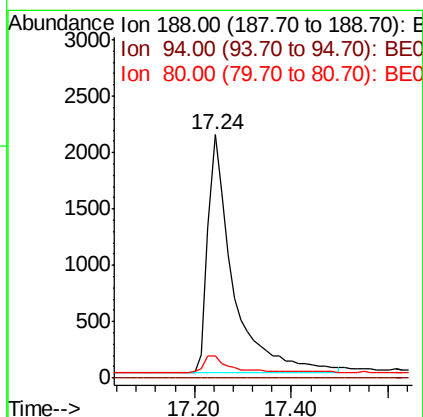
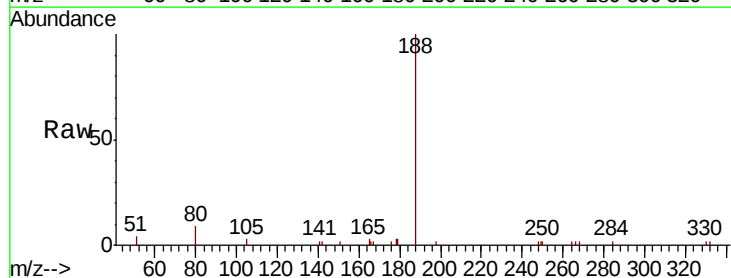
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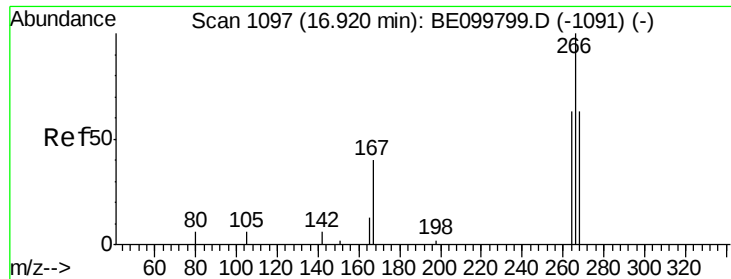
Tgt Ion:172 Resp: 2516
Ion Ratio Lower Upper
172 100
171 35.4 30.2 45.4
170 28.5 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE099818.D
Acq: 6 Jun 2019 11:43

Tgt Ion:188 Resp: 7560
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 5.2 7.8#

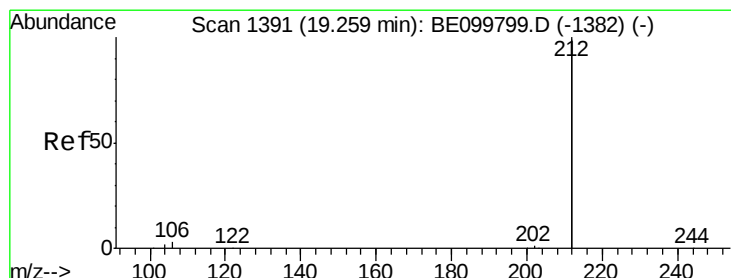
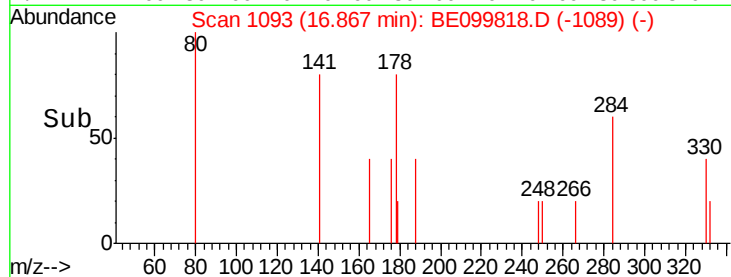
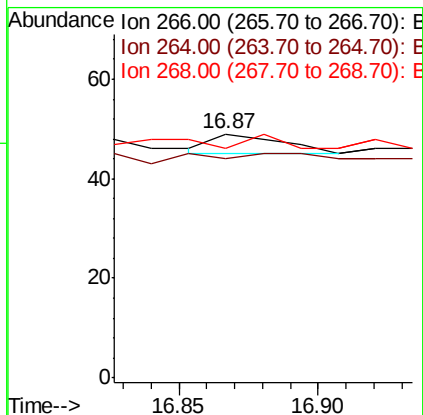
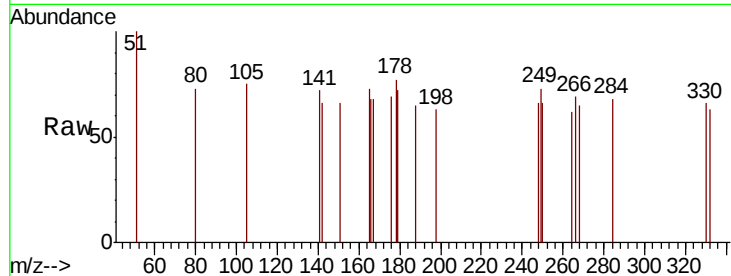




#22
 Pentachlorophenol
 Concen: 0.284 ng
 RT: 16.87 min Scan# 1093
 Delta R.T. -0.05 min
 Lab File: BE099818.D
 Acq: 6 Jun 2019 11:43

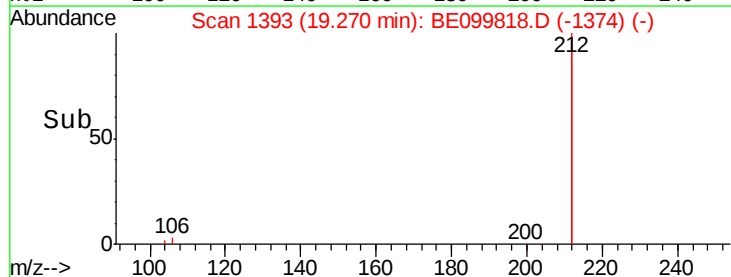
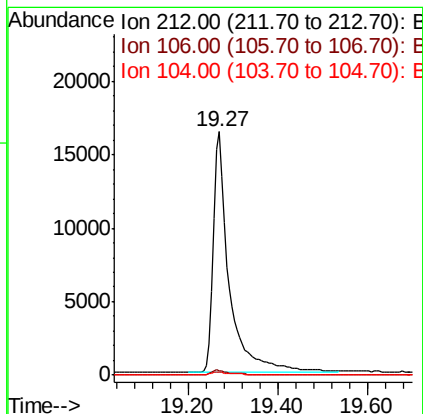
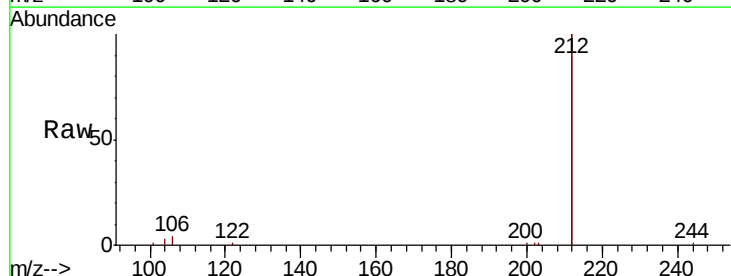
Instrument :
 BNA_E
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 PB120350BL

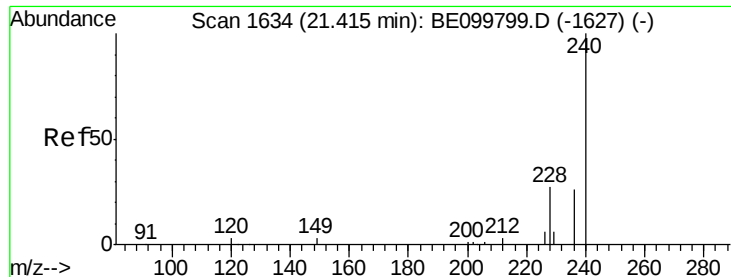
Tgt Ion: 266 Resp: 7
 Ion Ratio Lower Upper
 266 100
 264 89.8 64.9 97.3
 268 93.9 64.0 96.0



#25
 Fluoranthene-d10
 Concen: 0.365 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BE099818.D
 Acq: 6 Jun 2019 11:43

Tgt Ion: 212 Resp: 41023
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.0
 104 1.0 0.8 1.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE099818.D

Acq: 6 Jun 2019 11:43

Instrument :

BNA_E

ClientSampleId :

PB120350BL

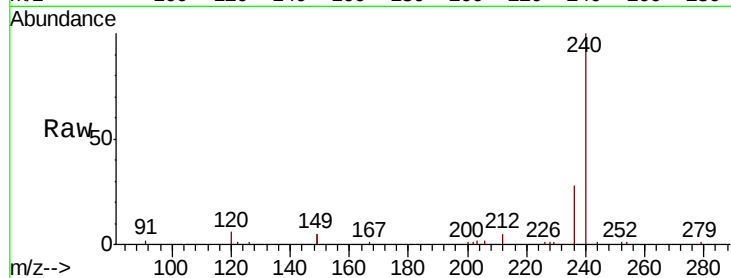
Tgt Ion:240 Resp: 13491

Ion Ratio Lower Upper

240 100

120 5.6 2.8 4.2#

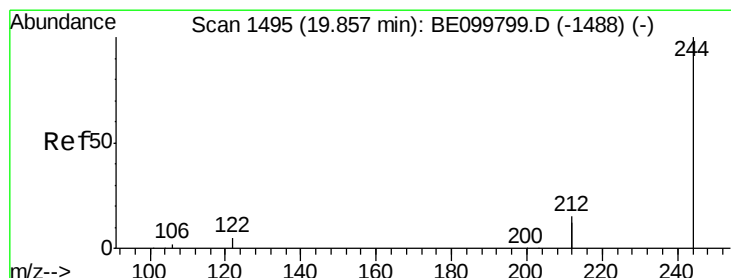
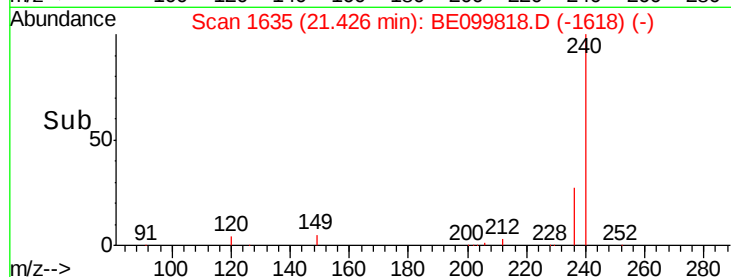
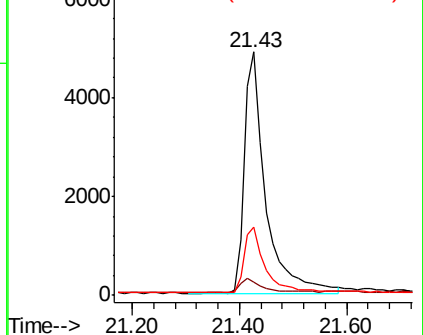
236 27.9 20.9 31.3



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: 0.373 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BE099818.D

Acq: 6 Jun 2019 11:43

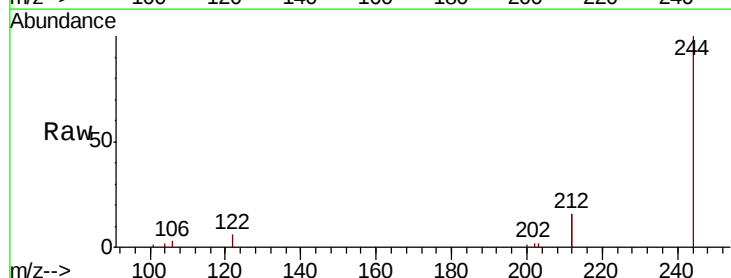
Tgt Ion:244 Resp: 8245

Ion Ratio Lower Upper

244 100

212 32.6 23.7 35.5

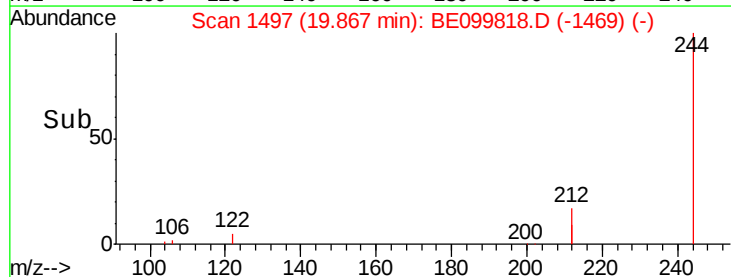
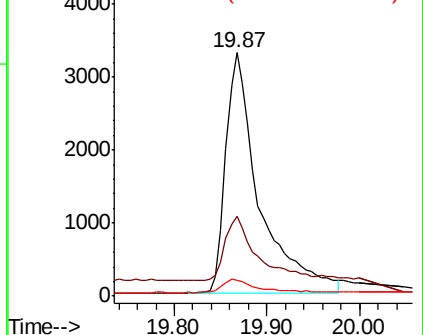
122 6.4 4.8 7.2

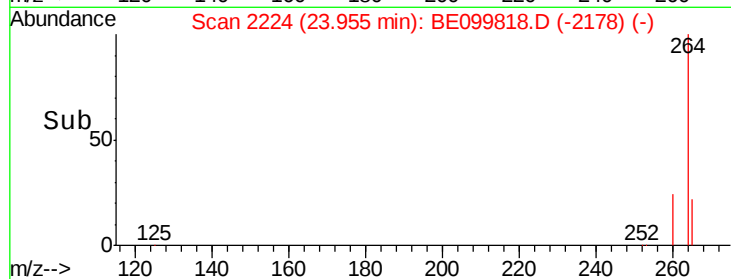
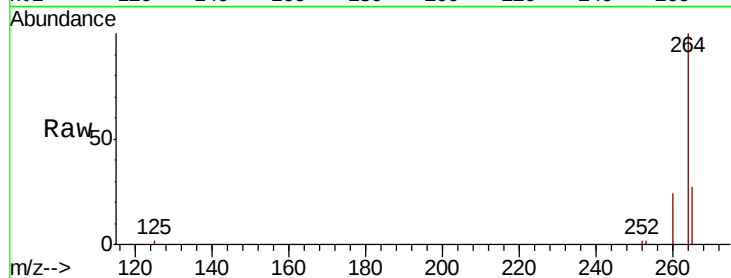
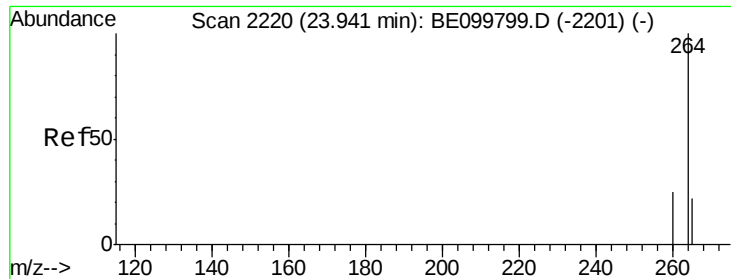


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.95 min Scan# 2224

Delta R.T. 0.01 min

Lab File: BE099818.D

Acq: 6 Jun 2019 11:43

Instrument :

BNA_E

ClientSampleId :

PB120350BL

Tgt Ion:264 Resp: 16153

Ion Ratio Lower Upper

264 100

260 24.4 20.0 30.0

265 26.8 20.7 31.1

