

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061219\
 Data File : BE099949.D
 Acq On : 12 Jun 2019 10:47
 Operator : JU/SJ
 Sample : PB120422BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120422BL

Quant Time: Jun 13 04:08:08 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	738	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	2377	0.40	ng	0.04
13) Acenaphthene-d10	14.49	164	2061	0.40	ng	0.02
19) Phenanthrene-d10	17.24	188	6165	0.40	ng	0.03
27) Chrysene-d12	21.41	240	8079	0.40	ng	0.01
34) Perylene-d12	23.94	264	8958	0.40	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	520	0.26	ng	0.00
5) Phenol-d6	7.01	99	238	0.09	ng	0.04
8) Nitrobenzene-d5	9.06	82	419	0.19	ng	0.09
11) 2-Methylnaphthalene-d10	12.25	152	1407	0.34	ng	0.04
14) 2,4,6-Tribromophenol	16.02	330	196	0.13	ng	0.05
15) 2-Fluorobiphenyl	13.15	172	2124	0.27	ng	0.04
25) Fluoranthene-d10	19.26	212	27085	0.30	ng	0.01
29) Terphenyl-d14	19.86	244	5284	0.36	ng	0.01

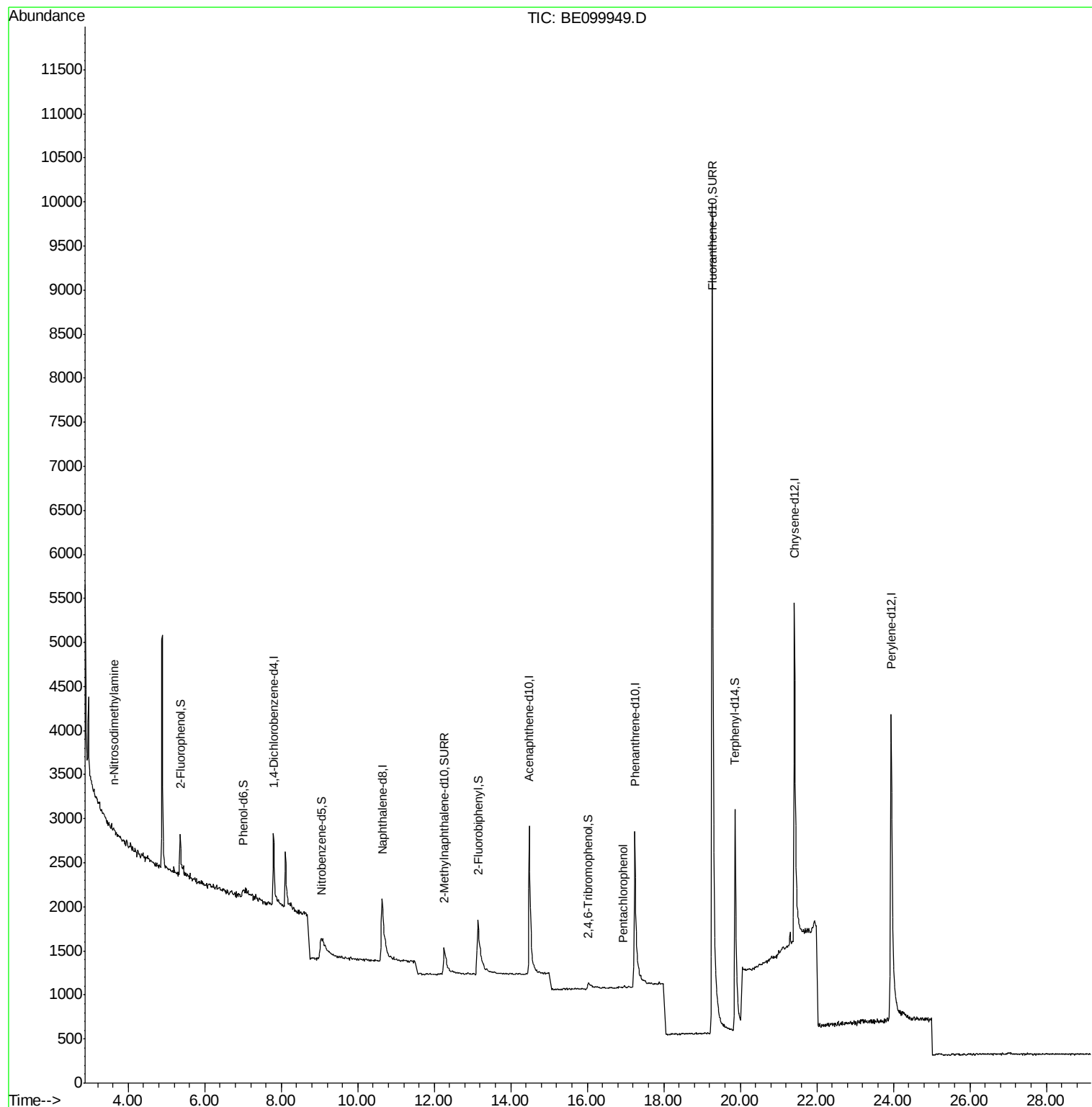
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.63	42	23	0.037	ng	# 100
22) Pentachlorophenol	16.93	266	9	0.305	ng	# 78

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

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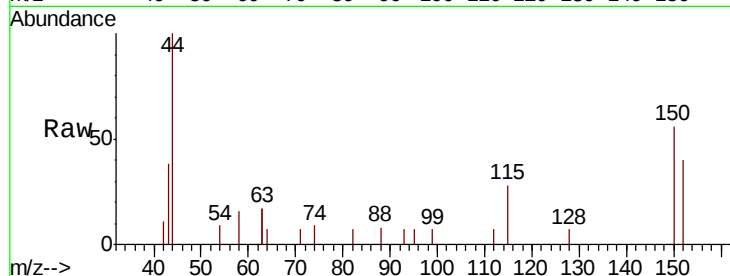


#1

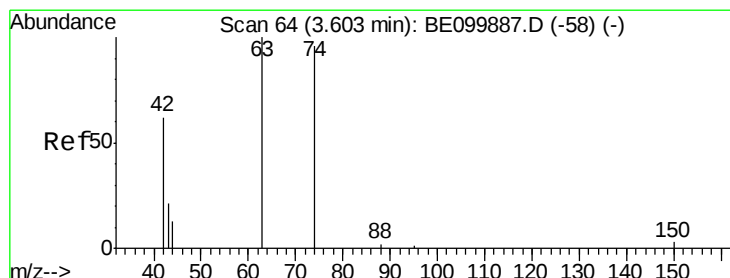
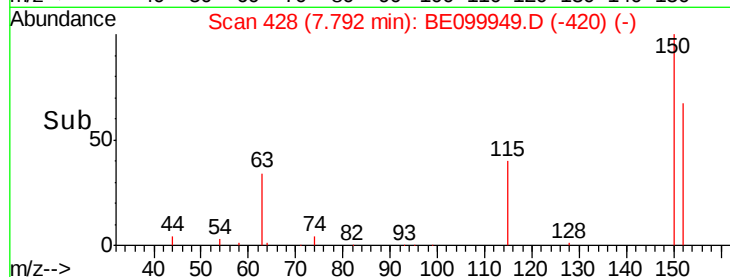
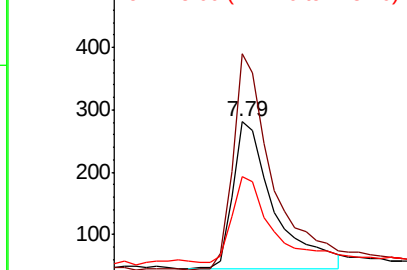
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099949.D
Acq: 12 Jun 2019 10:47

Instrument :
BNA_E
ClientSampleId :
PB120422BL

Tgt Ion: 152 Resp: 738
Ion Ratio Lower Upper
152 100
150 138.8 111.0 166.6
115 69.0 50.7 76.1



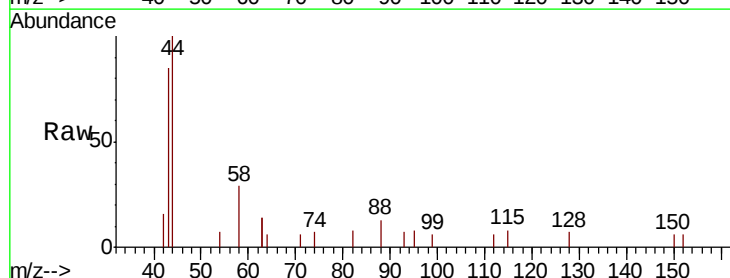
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



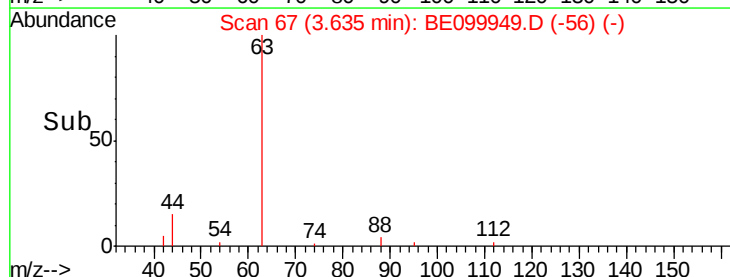
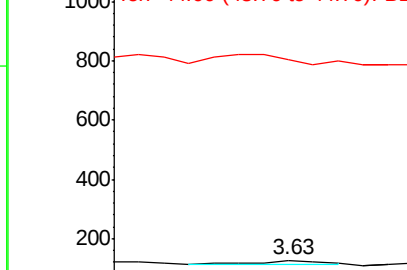
#3

n-Nitrosodimethylamine
Concen: 0.037 ng
RT: 3.63 min Scan# 67
Delta R.T. 0.03 min
Lab File: BE099949.D
Acq: 12 Jun 2019 10:47

Tgt Ion: 42 Resp: 23
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 343.5 0.0 0.0#



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: 0.261 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099949.D

Acq: 12 Jun 2019 10:47

Instrument :

BNA_E

ClientSampleId :

PB120422BL

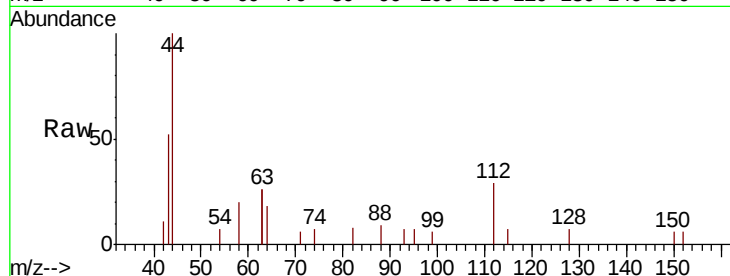
Tgt Ion: 112 Resp: 520

Ion Ratio Lower Upper

112 100

64 54.4 44.1 66.1

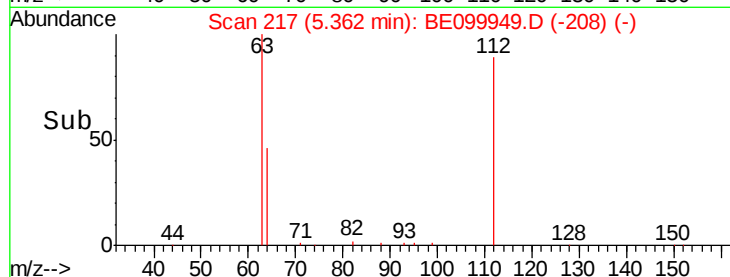
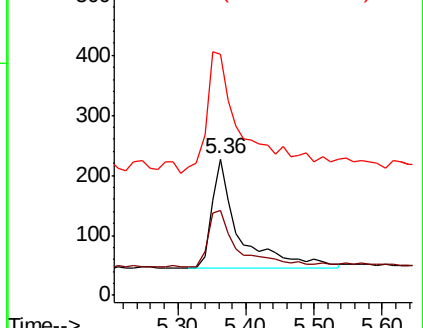
63 152.9 87.8 131.6#



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: 0.093 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.04 min

Lab File: BE099949.D

Acq: 12 Jun 2019 10:47

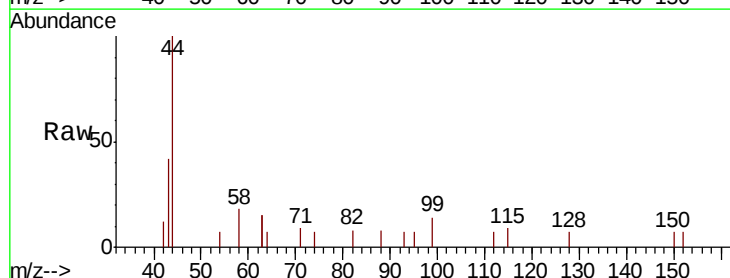
Tgt Ion: 99 Resp: 238

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

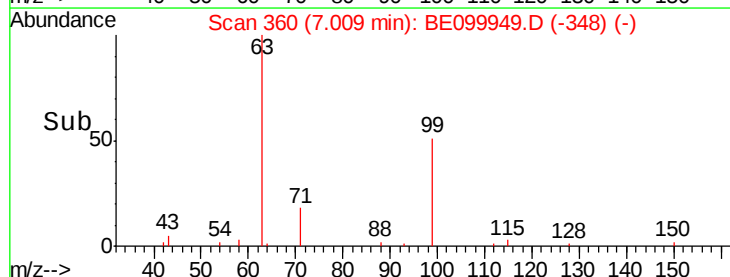
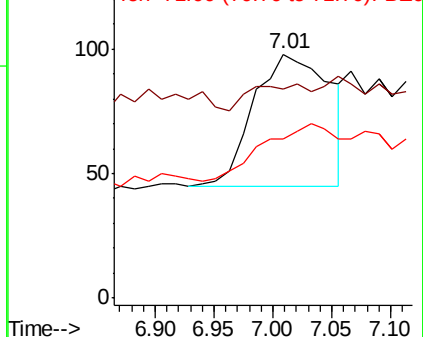
71 0.0 34.6 52.0#



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: 10.64 min Scan# 652

Delta R.T. 0.04 min

Lab File: BE099949.D

Acq: 12 Jun 2019 10:47

Instrument :

BNA_E

ClientSampleId :

PB120422BL

Tgt Ion: 136 Resp: 2377

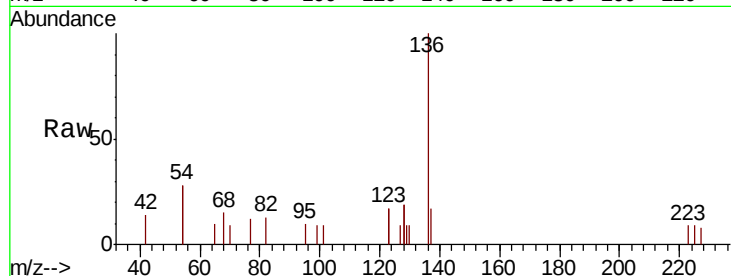
Ion Ratio Lower Upper

136 100

137 17.1 12.3 18.5

54 56.3 28.2 42.4#

68 14.6 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

10.64

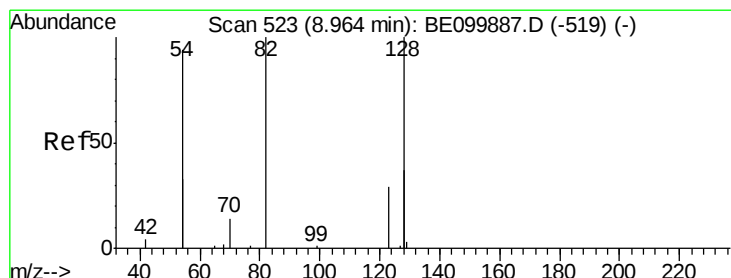
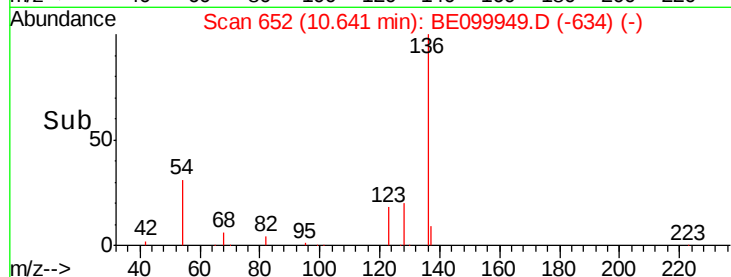
400

200

0

10.50 10.60 10.70 10.80

Time-->



#8

Nitrobenzene-d5

Concen: 0.186 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.09 min

Lab File: BE099949.D

Acq: 12 Jun 2019 10:47

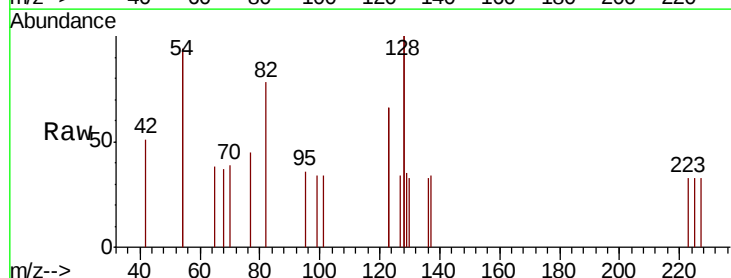
Tgt Ion: 82 Resp: 419

Ion Ratio Lower Upper

82 100

128 255.6 137.3 205.9#

54 240.7 129.7 194.5#



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

300

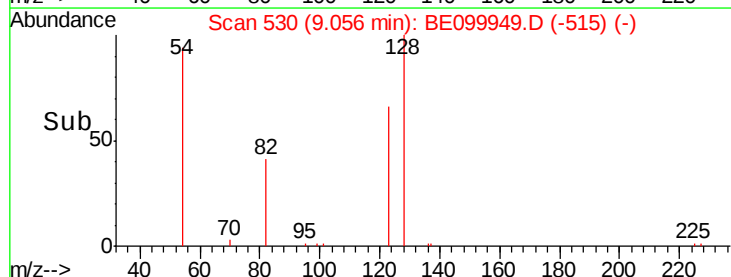
200

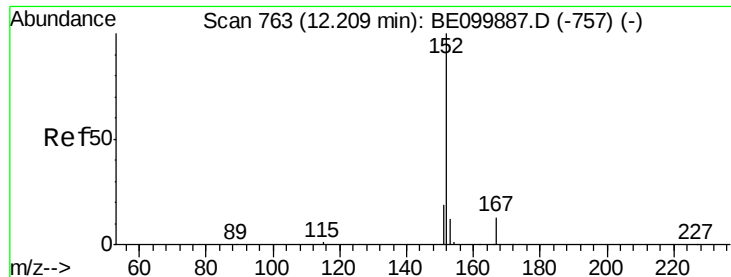
100

0

8.90 9.00 9.10 9.20

Time-->

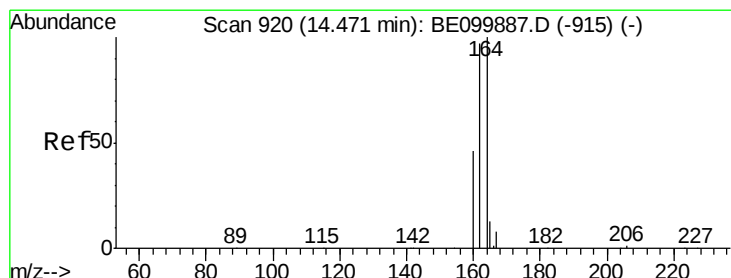
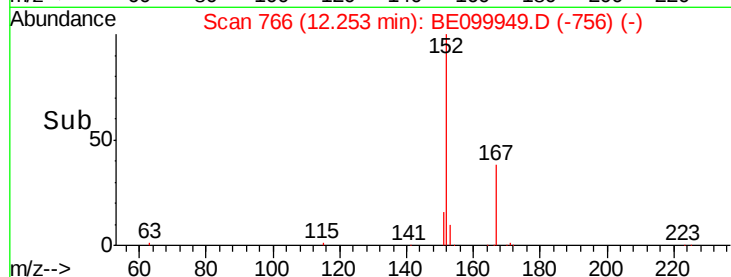
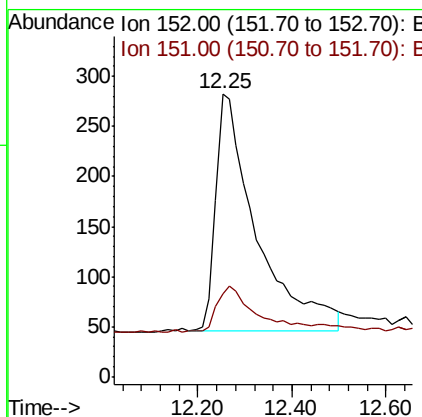
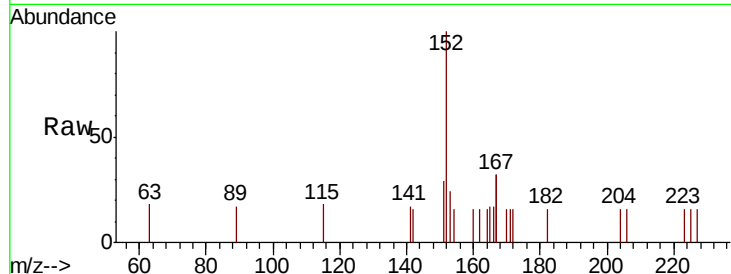




#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.25 min Scan# 766
Delta R.T. 0.04 min
Lab File: BE099949.D
Acq: 12 Jun 2019 10:47

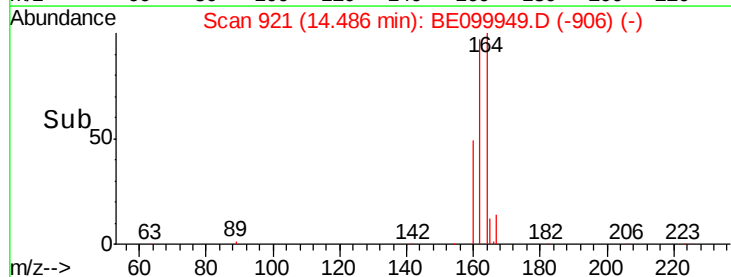
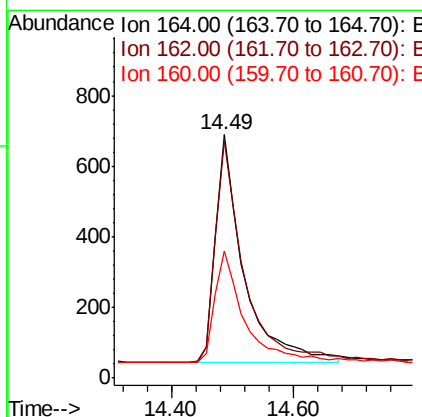
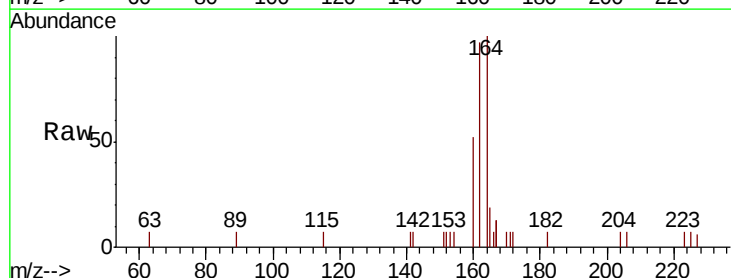
Instrument :
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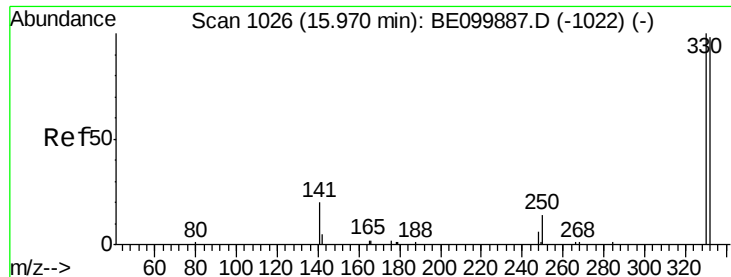
Tgt Ion:152 Resp: 1407
Ion Ratio Lower Upper
152 100
151 17.1 15.2 22.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.02 min
Lab File: BE099949.D
Acq: 12 Jun 2019 10:47

Tgt Ion:164 Resp: 2061
Ion Ratio Lower Upper
164 100
162 97.4 77.8 116.8
160 52.1 38.2 57.4

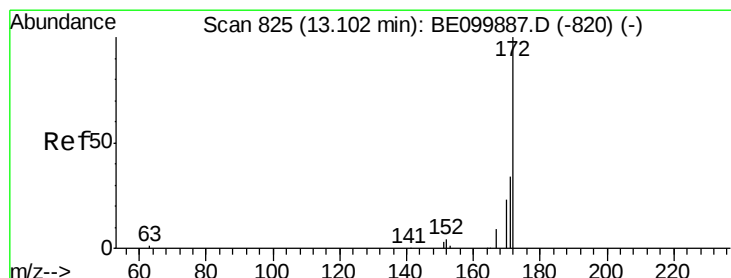
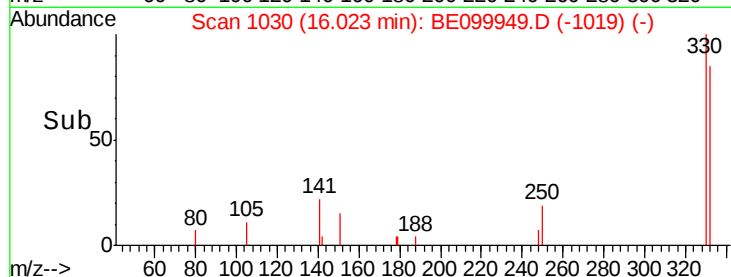
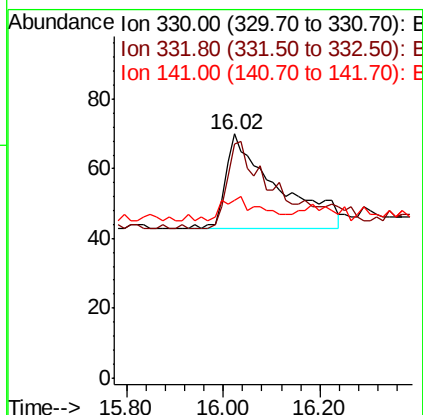
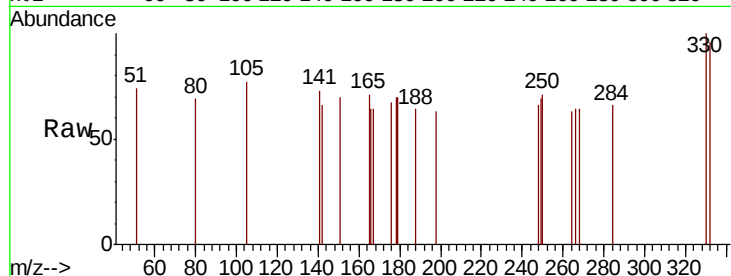




#14
2,4,6-Tribromophenol
Concen: 0.129 ng
RT: 16.02 min Scan# 1030
Delta R.T. 0.05 min
Lab File: BE099949.D
Acq: 12 Jun 2019 10:47

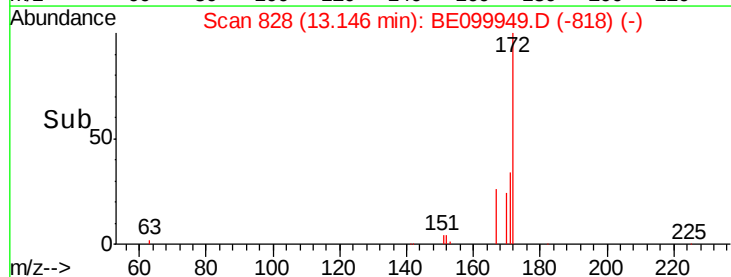
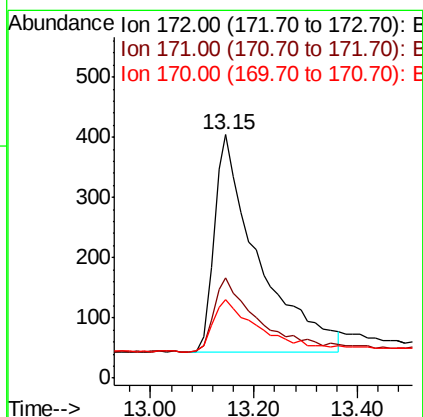
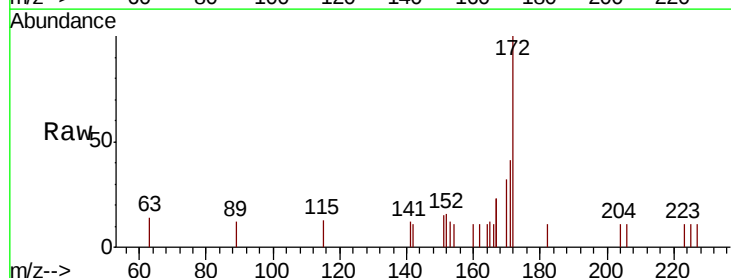
Instrument :
BNA_E
ClientSampleId :
PB120422BL

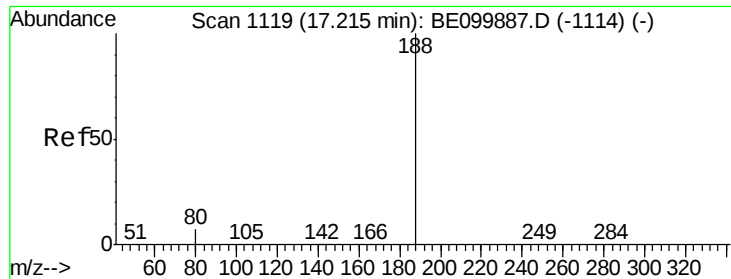
Tgt Ion: 330 Resp: 196
Ion Ratio Lower Upper
330 100
332 81.1 76.7 115.1
141 18.9 21.0 31.6#



#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.04 min
Lab File: BE099949.D
Acq: 12 Jun 2019 10:47

Tgt Ion: 172 Resp: 2124
Ion Ratio Lower Upper
172 100
171 41.3 29.2 43.8
170 32.4 21.2 31.8#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.03 min

Lab File: BE099949.D

Acq: 12 Jun 2019 10:47

Instrument :

BNA_E

ClientSampleId :

PB120422BL

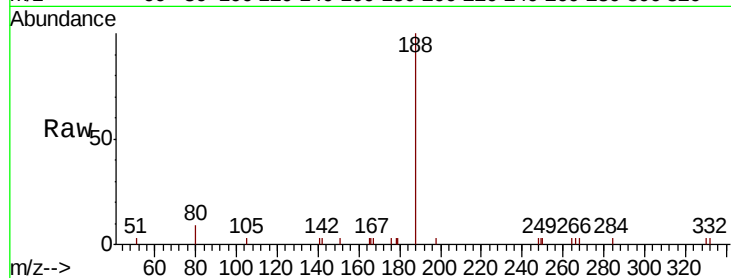
Tgt Ion:188 Resp: 6165

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

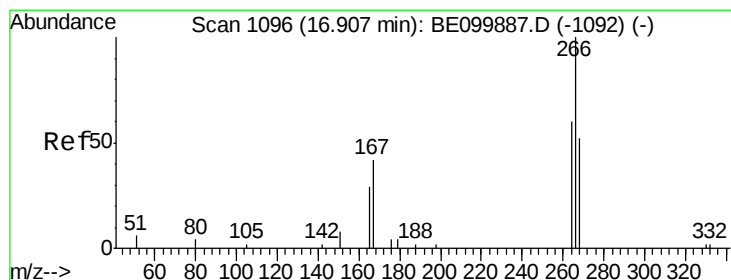
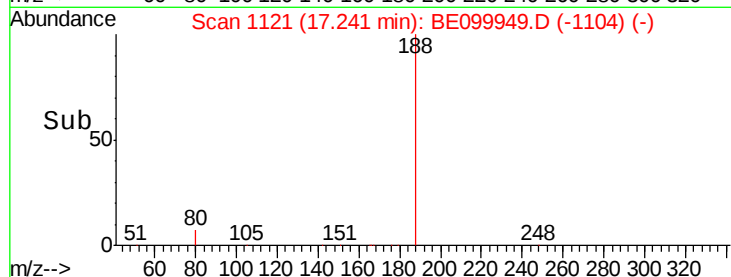
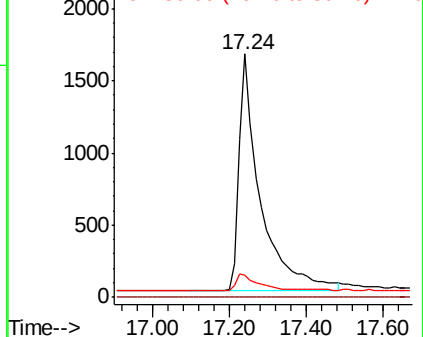
80 9.2 6.4 9.6



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: 0.305 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.03 min

Lab File: BE099949.D

Acq: 12 Jun 2019 10:47

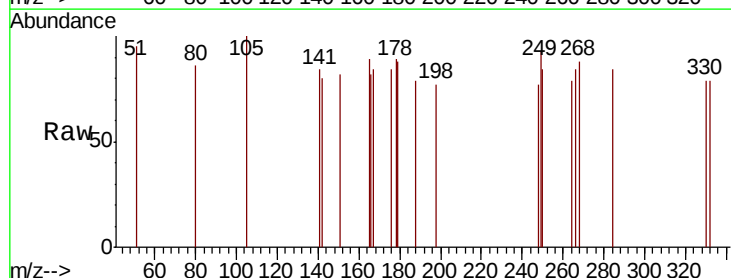
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 93.6 62.2 93.2#

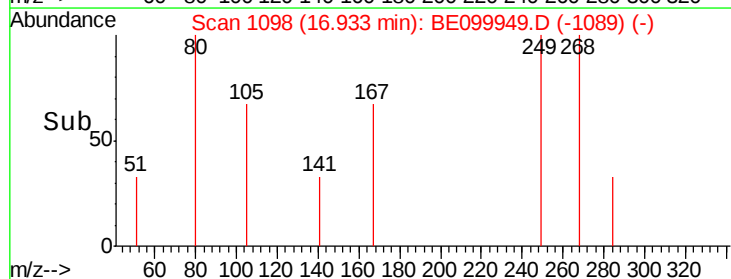
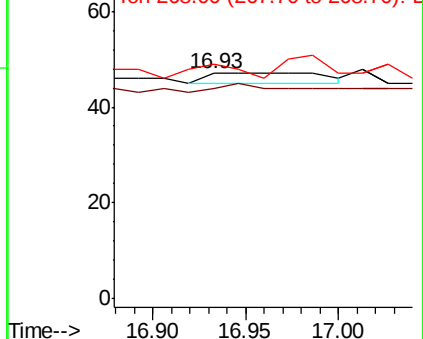
268 104.3 65.5 98.3#

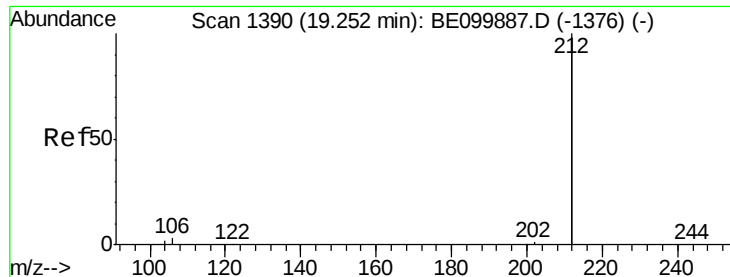


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

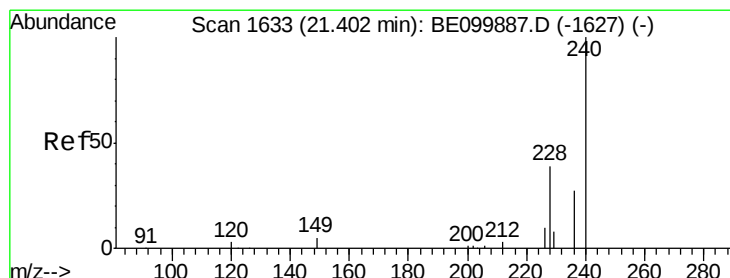
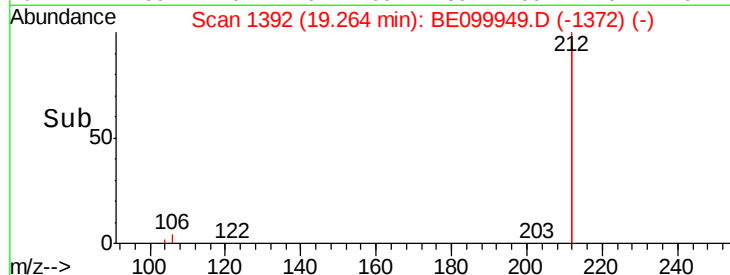
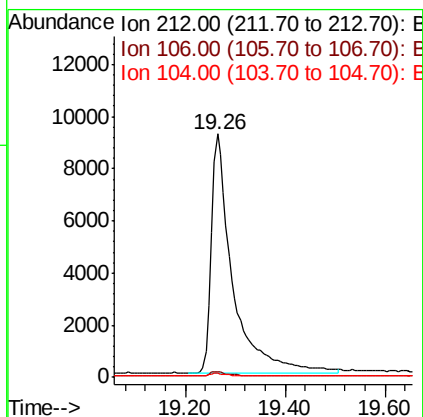
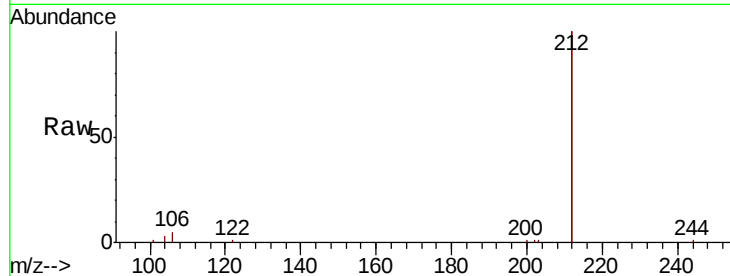




#25
 Fluoranthene-d10
 Concen: 0.302 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BE099949.D
 Acq: 12 Jun 2019 10:47

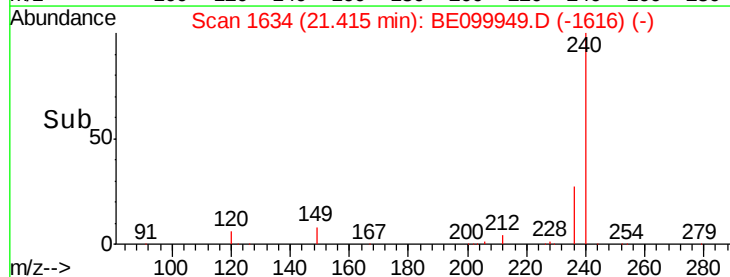
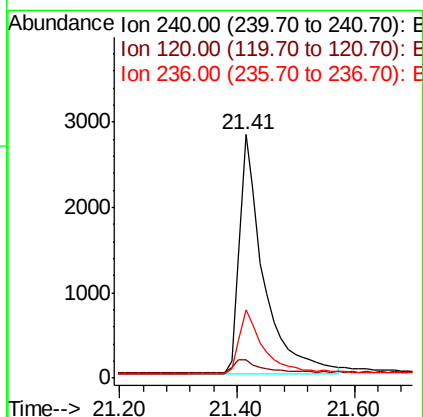
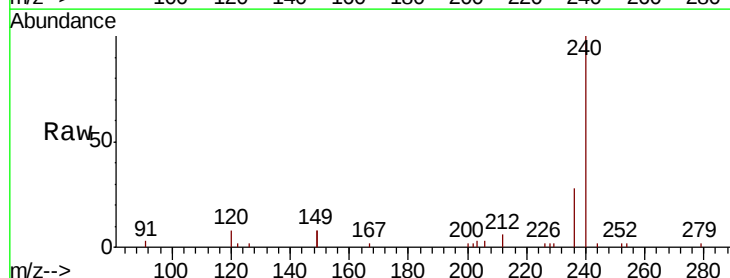
Instrument :
 BNA_E
 ClientSampleId :
 PB120422BL

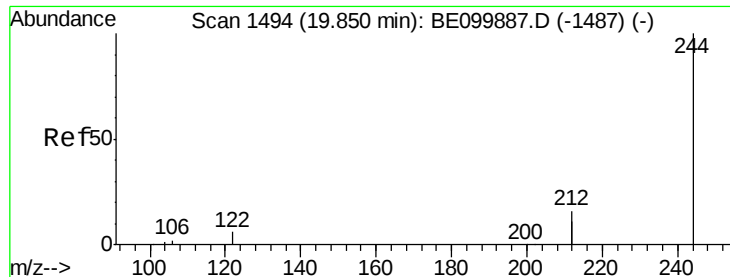
Tgt Ion: 212 Resp: 27085
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.0 0.9 1.3



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BE099949.D
 Acq: 12 Jun 2019 10:47

Tgt Ion: 240 Resp: 8079
 Ion Ratio Lower Upper
 240 100
 120 7.8 3.8 5.6#
 236 28.1 22.0 33.0





#29

Terphenyl-d14

Concen: 0.363 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BE099949.D

Acq: 12 Jun 2019 10:47

Instrument :

BNA_E

ClientSampleId :

PB120422BL

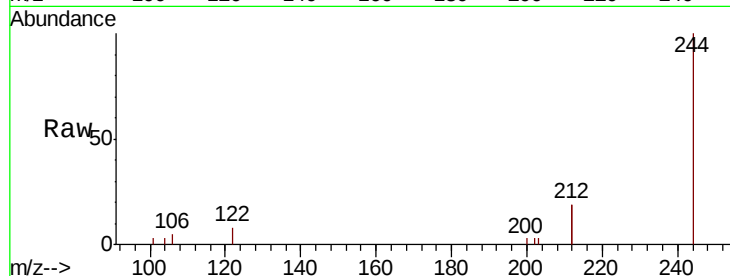
Tgt Ion:244 Resp: 5284

Ion Ratio Lower Upper

244 100

212 38.6 25.7 38.5#

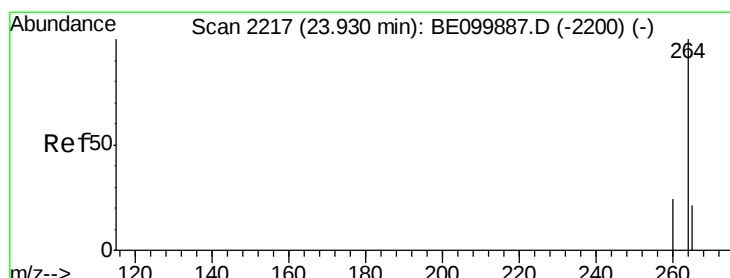
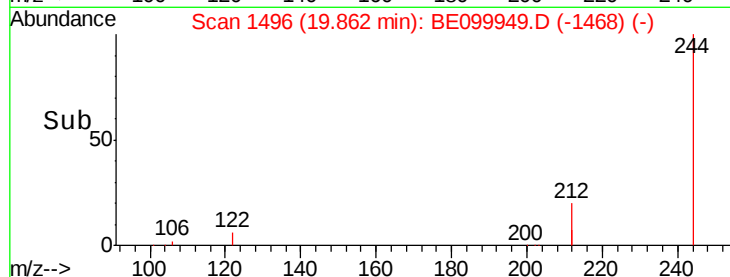
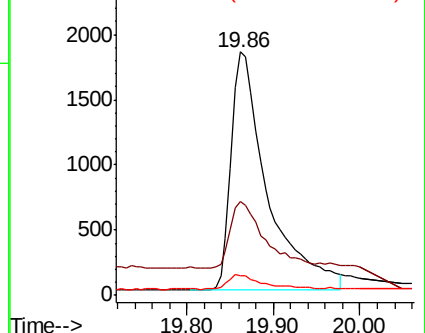
122 8.3 5.5 8.3#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BE099949.D

Acq: 12 Jun 2019 10:47

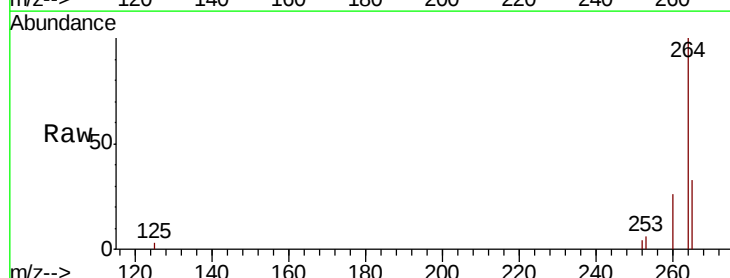
Tgt Ion:264 Resp: 8958

Ion Ratio Lower Upper

264 100

260 26.1 20.2 30.2

265 33.2 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

