

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099928.D
 Acq On : 11 Jun 2019 17:33
 Operator : JU/SJ
 Sample : PB120315BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120315BL

Quant Time: Jun 12 03:44:15 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

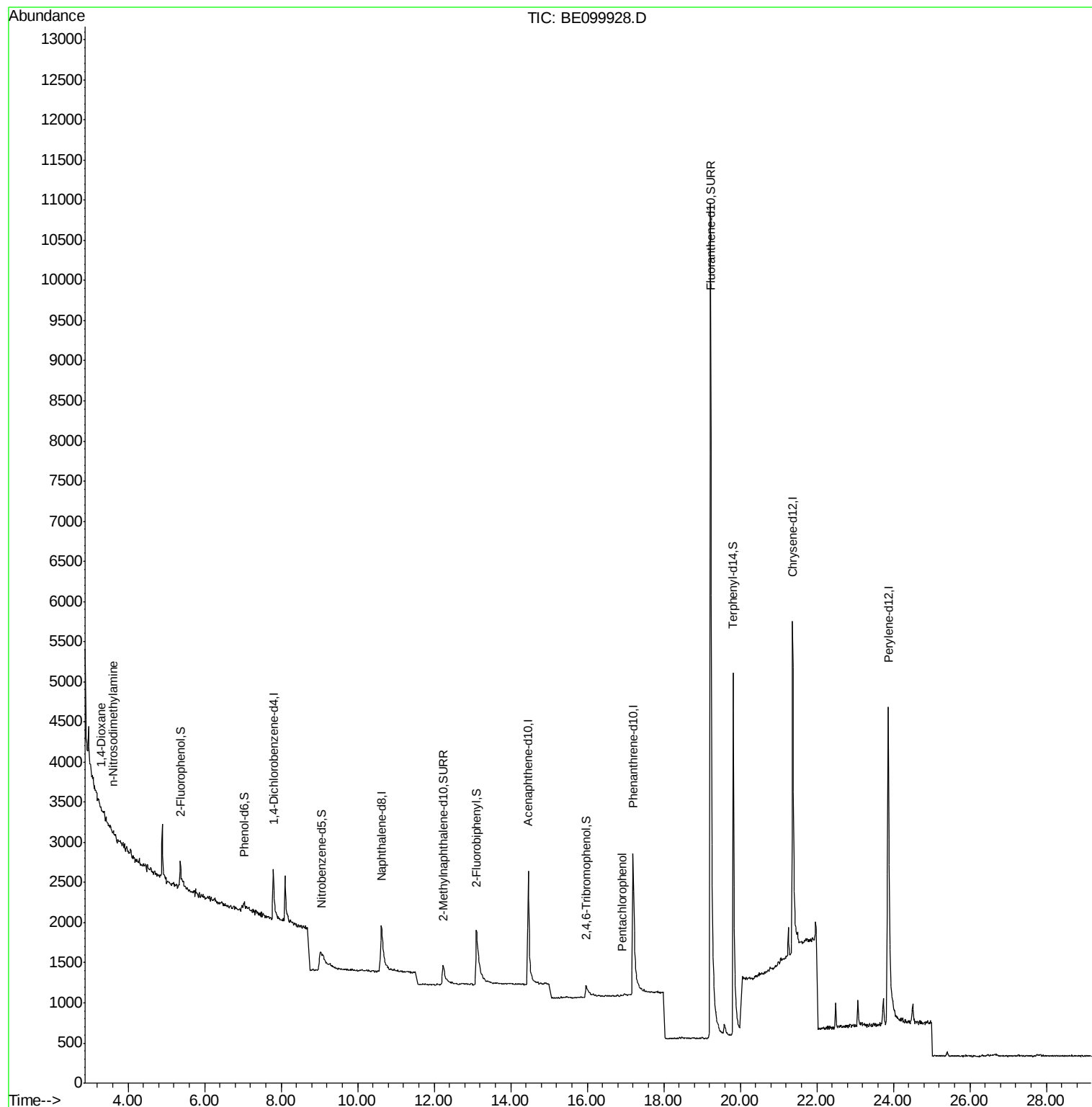
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	562	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	1854	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	1674	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	6102	0.40	ng	-0.01
27) Chrysene-d12	21.37	240	7967	0.40	ng	-0.04
34) Perylene-d12	23.87	264	9579	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	442	0.29	ng	0.01
5) Phenol-d6	7.04	99	520	0.27	ng	0.07
8) Nitrobenzene-d5	9.05	82	394	0.22	ng	0.09
11) 2-Methylnaphthalene-d10	12.24	152	1029	0.32	ng	0.03
14) 2,4,6-Tribromophenol	15.97	330	379	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	2310	0.36	ng	0.01
25) Fluoranthene-d10	19.23	212	27480	0.31	ng	-0.03
29) Terphenyl-d14	19.82	244	7949	0.55	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	25	0.030	ng	# 1
3) n-Nitrosodimethylamine	3.62	42	17	0.035	ng	# 100
22) Pentachlorophenol	16.91	266	5	0.303	ng	# 81

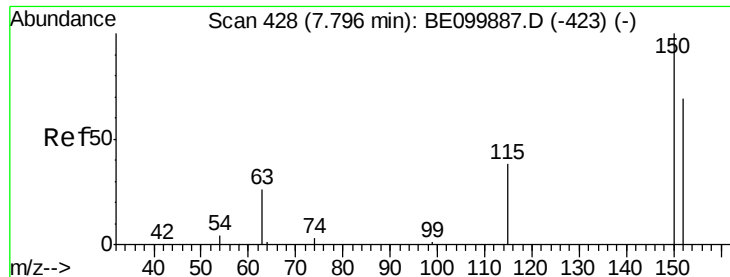
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE099928.D

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ClientSampleId :

PB120315BL

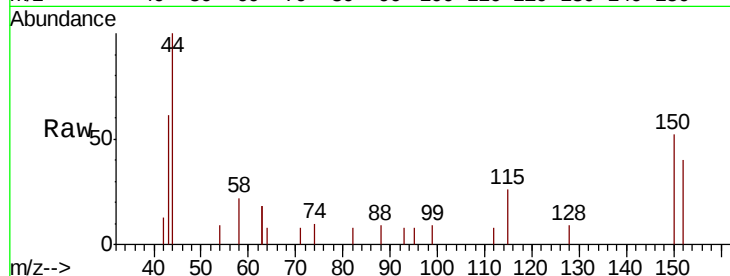
Tgt Ion: 152 Resp: 562

Ion Ratio Lower Upper

152 100

150 128.9 111.0 166.6

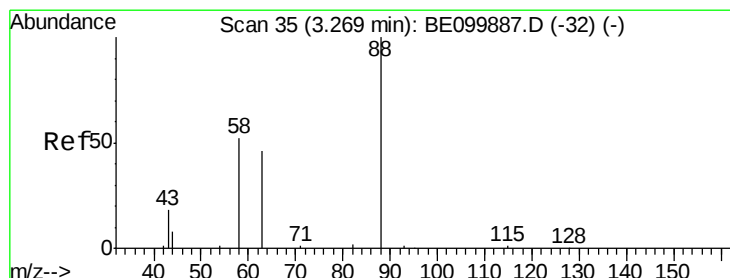
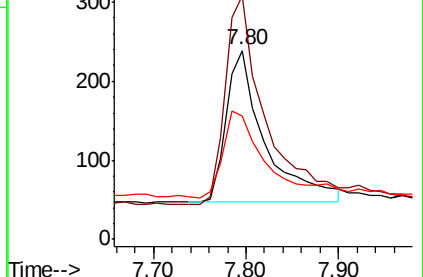
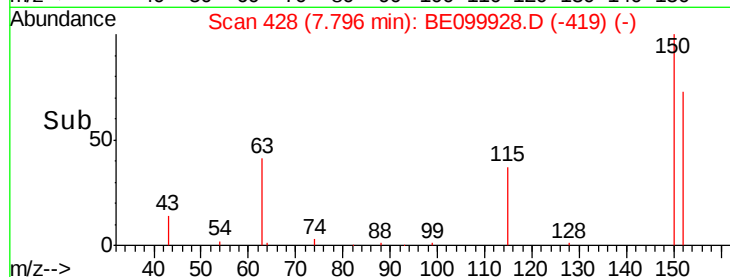
115 65.3 50.7 76.1



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: 0.030 ng

RT: 3.30 min Scan# 38

Delta R.T. 0.03 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

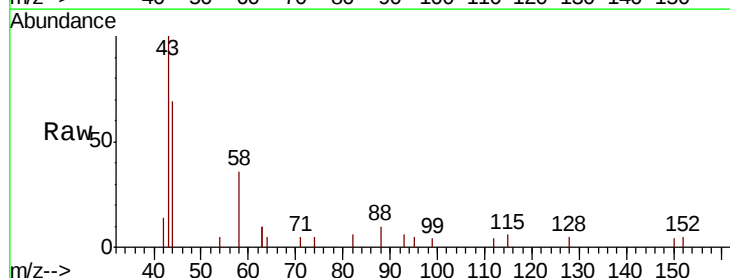
Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

58 188.0 48.8 73.2#

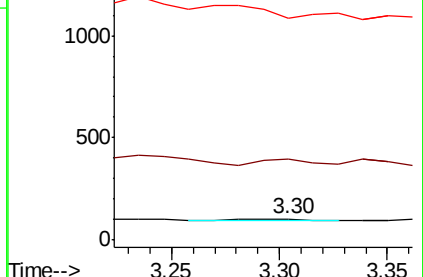
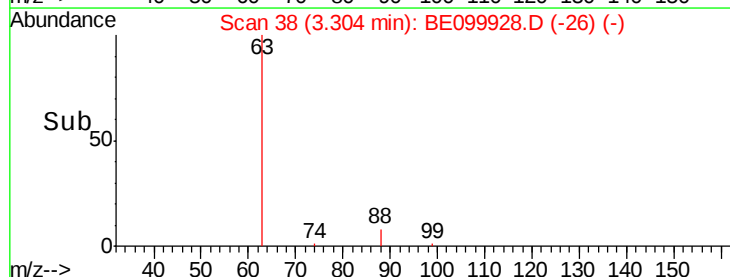
43 0.0 19.0 28.6#

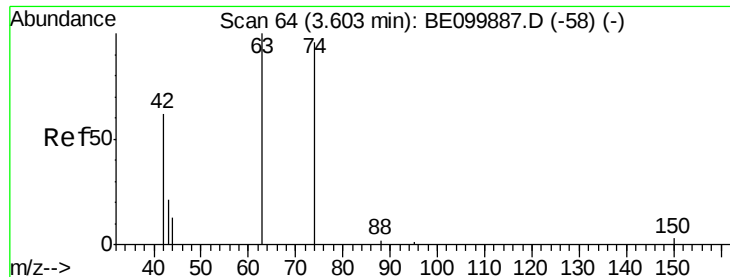


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.035 ng

RT: 3.62 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE099928.D

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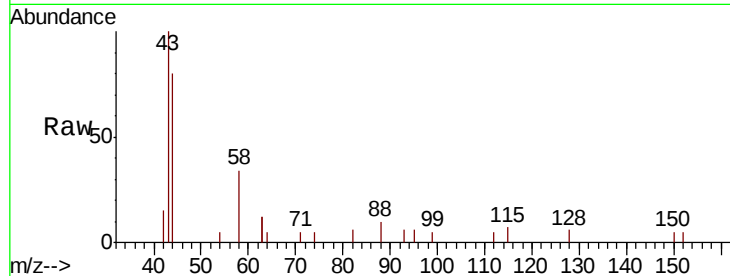
Tgt Ion: 42 Resp: 17

Ion Ratio Lower Upper

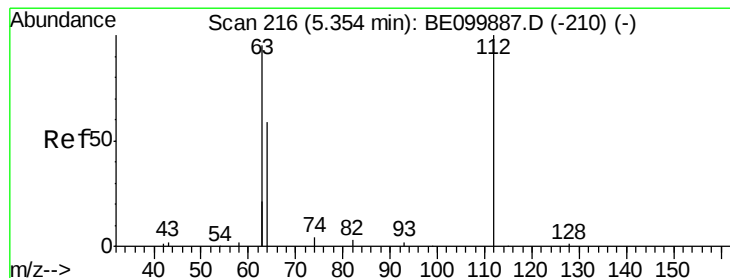
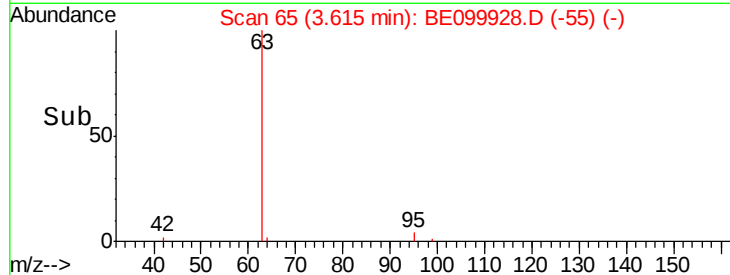
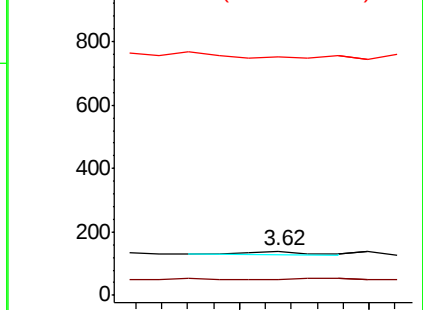
42 100

74 17.6 0.0 0.0#

44 0.0 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: 0.291 ng

RT: 5.37 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

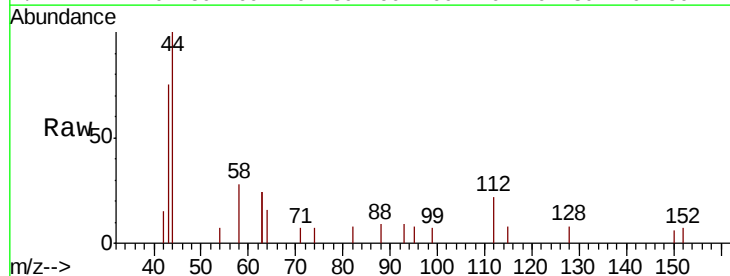
Tgt Ion: 112 Resp: 442

Ion Ratio Lower Upper

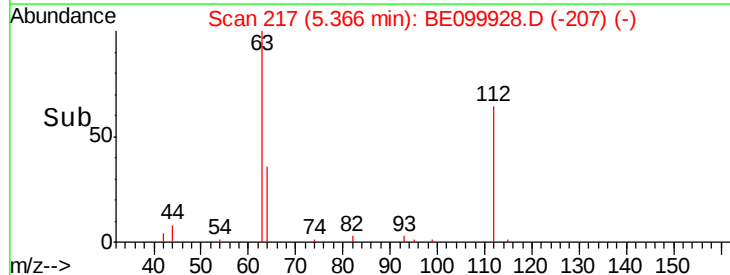
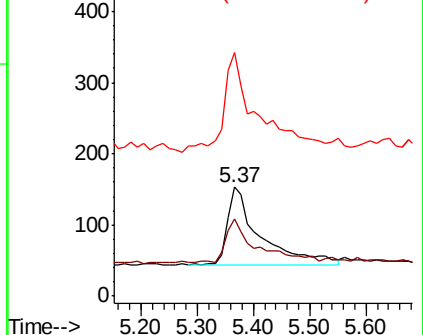
112 100

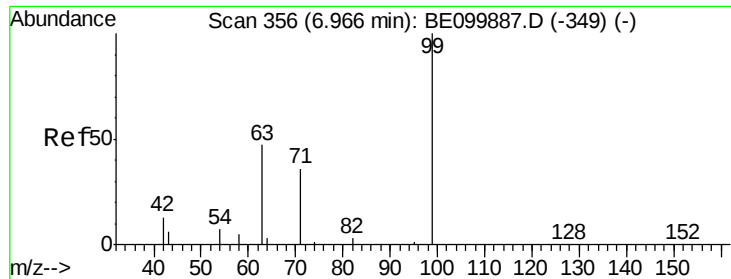
64 53.4 44.1 66.1

63 135.7 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: 0.266 ng

RT: 7.04 min Scan# 362

Delta R.T. 0.07 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

Instrument :

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ClientSampleId :

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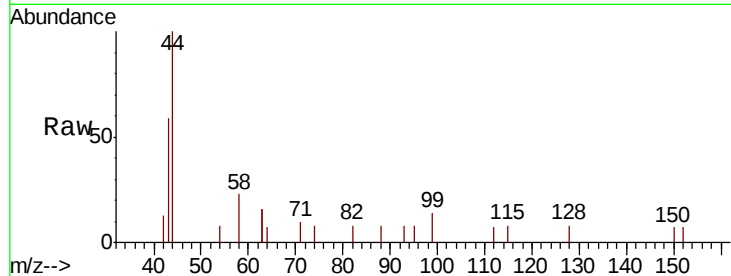
Tgt Ion: 99 Resp: 520

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

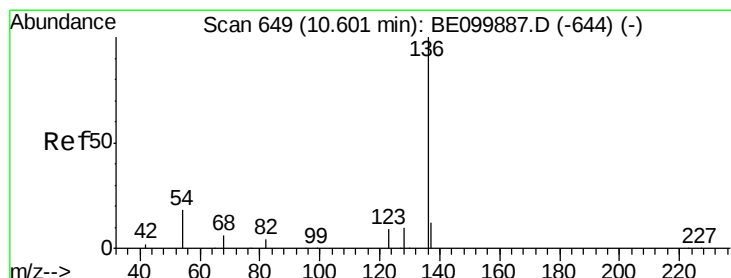
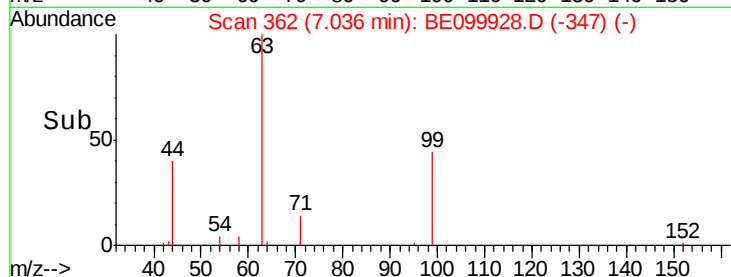
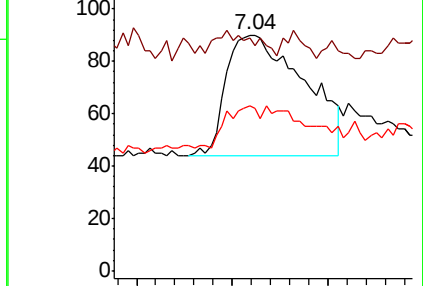
71 14.8 34.6 52.0#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

Tgt Ion: 136 Resp: 1854

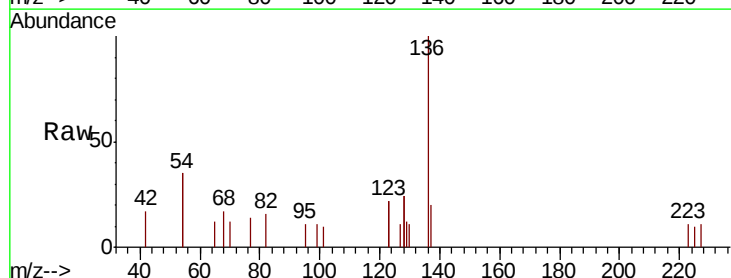
Ion Ratio Lower Upper

136 100

137 19.8 12.3 18.5#

54 70.0 28.2 42.4#

68 16.9 7.8 11.8#

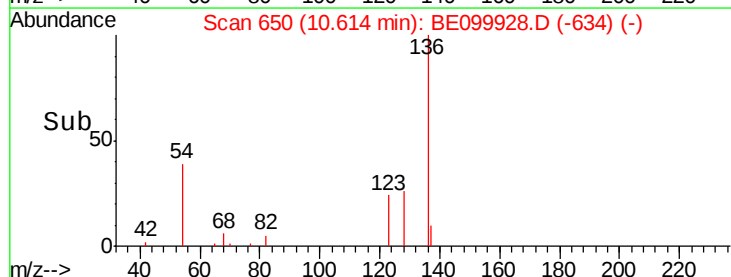
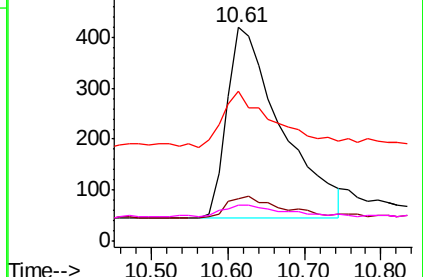


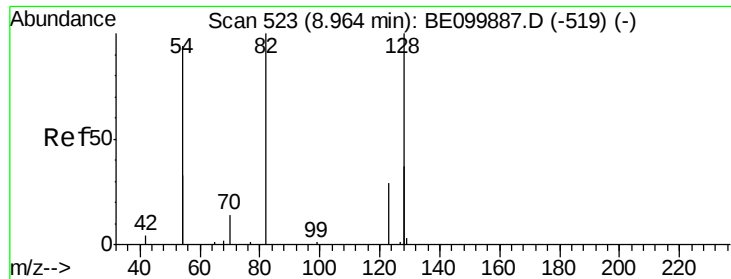
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.224 ng

RT: 9.05 min Scan# 530

Delta R.T. 0.09 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

Instrument :

BNA_E

ClientSampleId :

PB120315BL

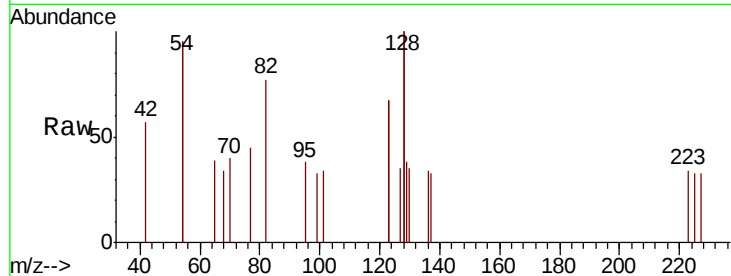
Tgt Ion: 82 Resp: 394

Ion Ratio Lower Upper

82 100

128 259.0 137.3 205.9#

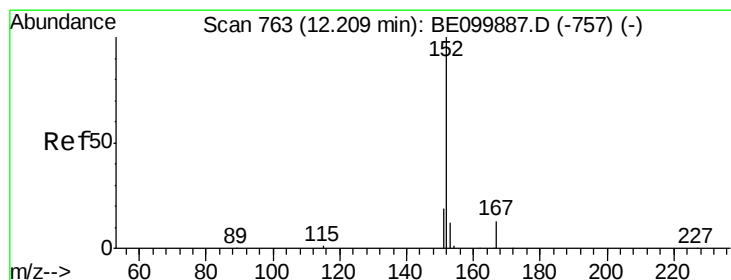
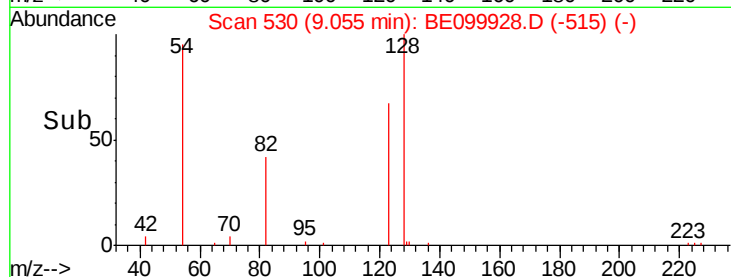
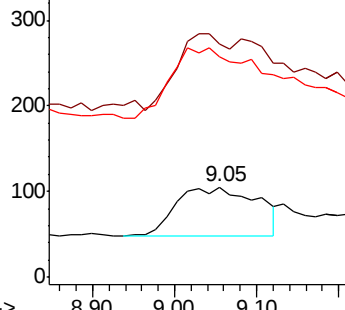
54 245.7 129.7 194.5#



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



#11

2-Methylnaphthalene-d10

Concen: 0.318 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.03 min

Lab File: BE099928.D

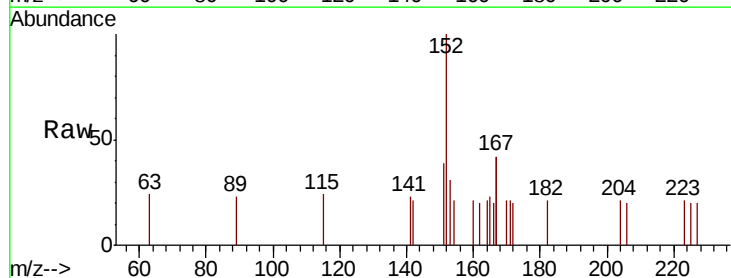
Acq: 11 Jun 2019 17:33

Tgt Ion: 152 Resp: 1029

Ion Ratio Lower Upper

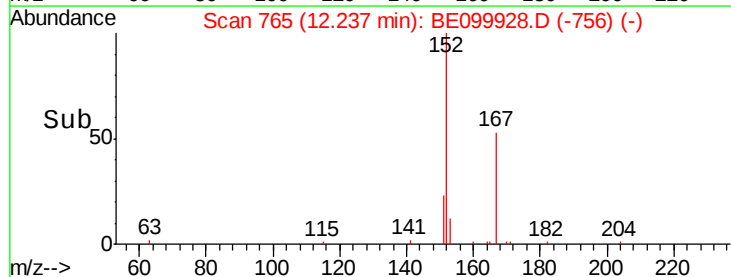
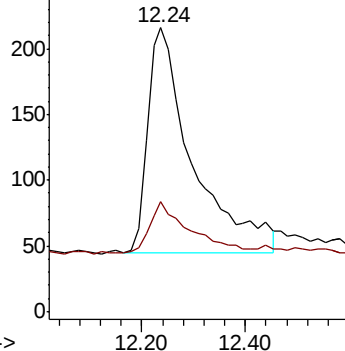
152 100

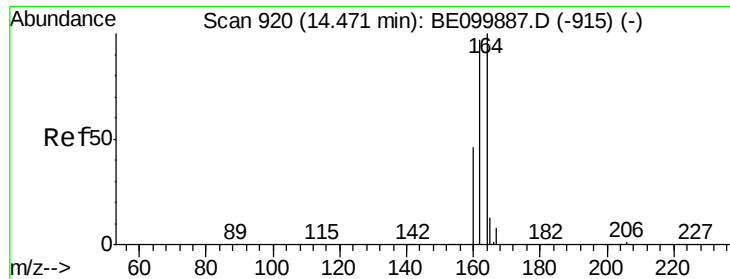
151 19.8 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

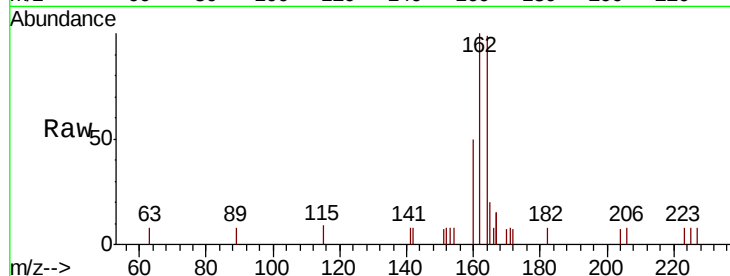




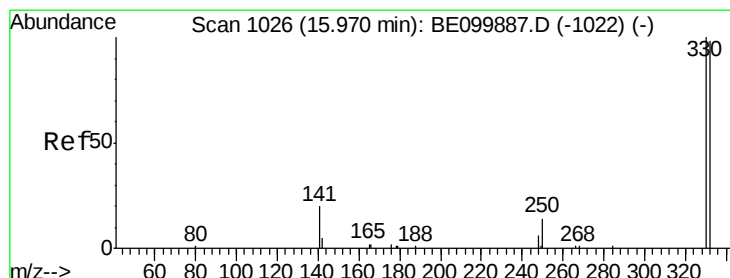
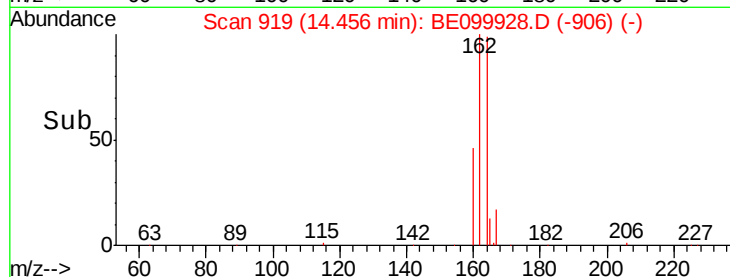
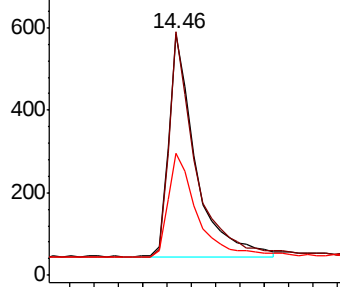
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BE099928.D
 Acq: 11 Jun 2019 17:33

Instrument :
 BNA_E
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 PB120315BL

Tgt Ion:164 Resp: 1674
 Ion Ratio Lower Upper
 164 100
 162 101.0 77.8 116.8
 160 50.3 38.2 57.4

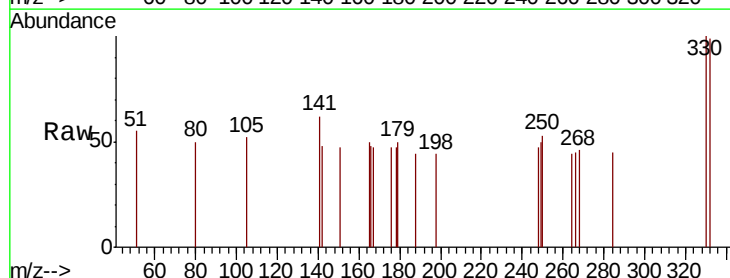


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

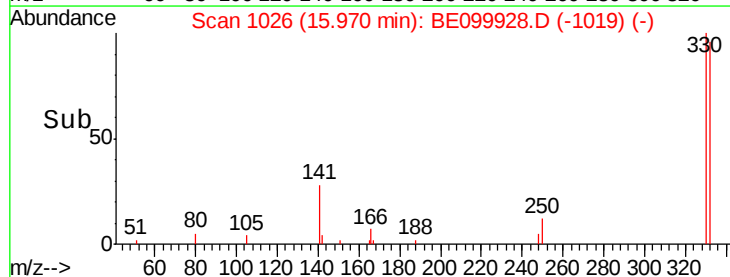
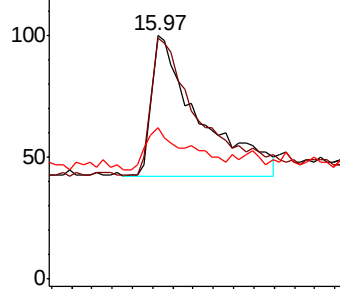


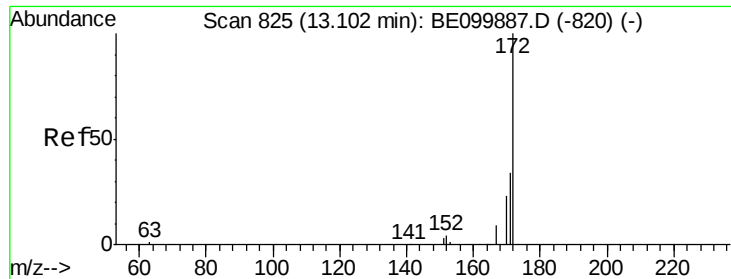
#14
 2,4,6-Tribromophenol
 Concen: 0.306 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE099928.D
 Acq: 11 Jun 2019 17:33

Tgt Ion:330 Resp: 379
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.7 115.1
 141 26.1 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

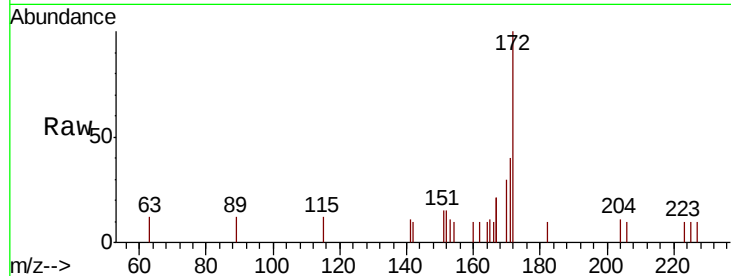




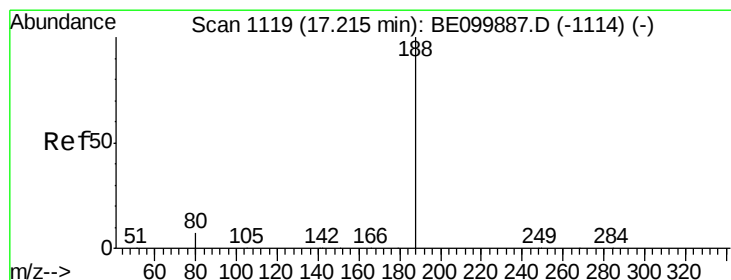
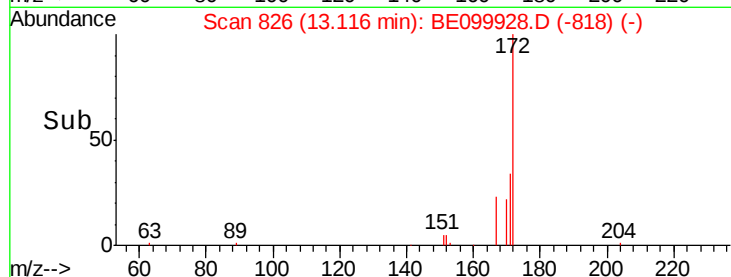
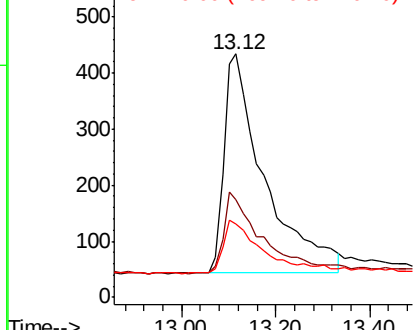
#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: BE099928.D
Acq: 11 Jun 2019 17:33

Instrument :
BNA_E
ClientSampleId :
PB120315BL

Tgt Ion:172 Resp: 2310
Ion Ratio Lower Upper
172 100
171 40.3 29.2 43.8
170 30.0 21.2 31.8

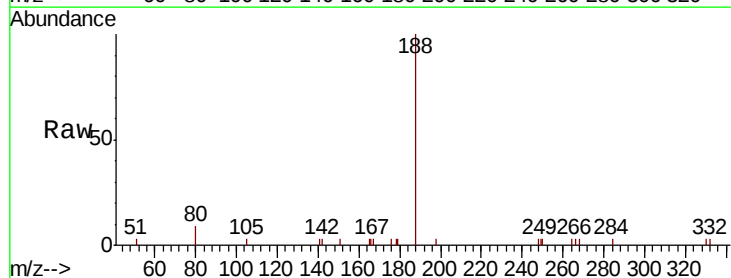


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

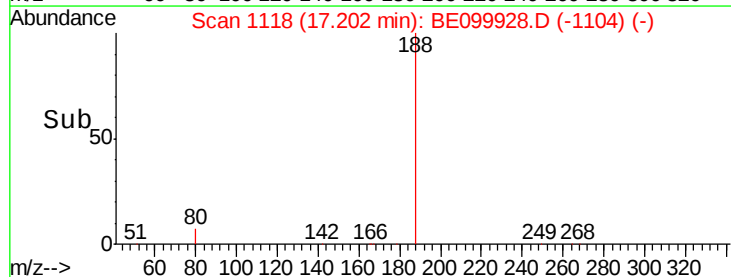
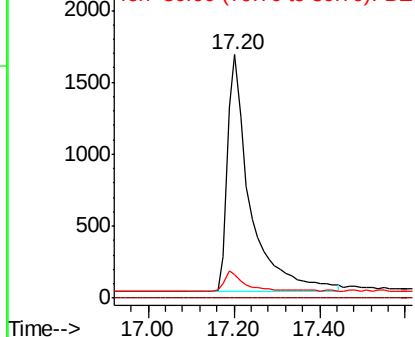


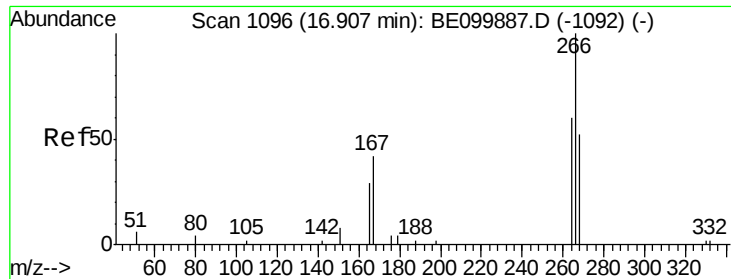
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE099928.D
Acq: 11 Jun 2019 17:33

Tgt Ion:188 Resp: 6102
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 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: 0.303 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

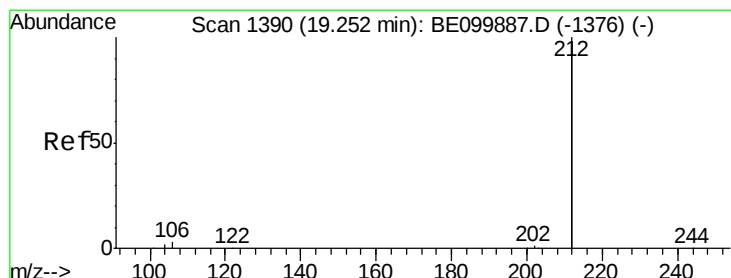
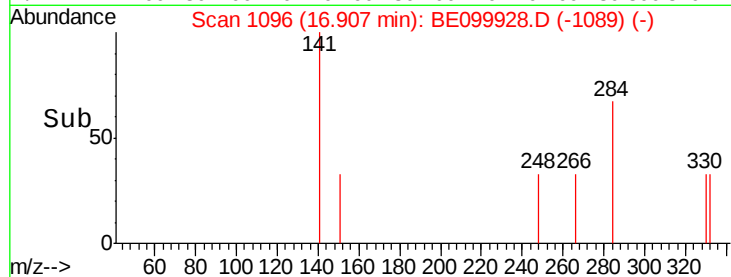
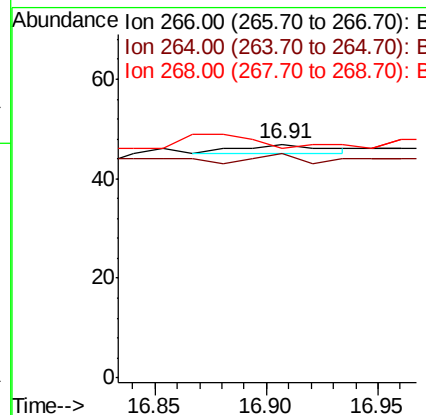
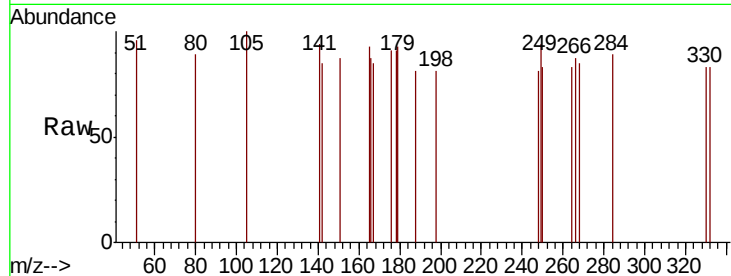
Instrument :

BNA_E

ClientSampleId :

PB120315BL

Tgt Ion:	266	Resp:	5
Ion	Ratio	Lower	Upper
266	100		
264	95.7	62.2	93.2#
268	97.9	65.5	98.3



#25

Fluoranthene-d10

Concen: 0.309 ng

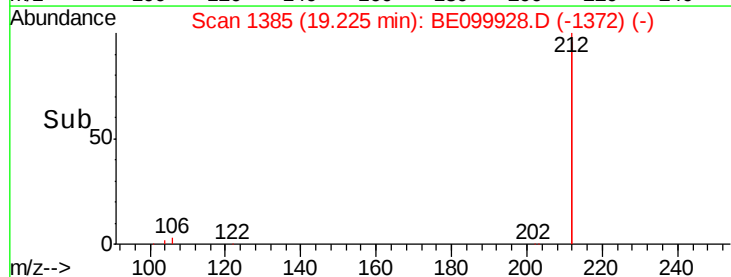
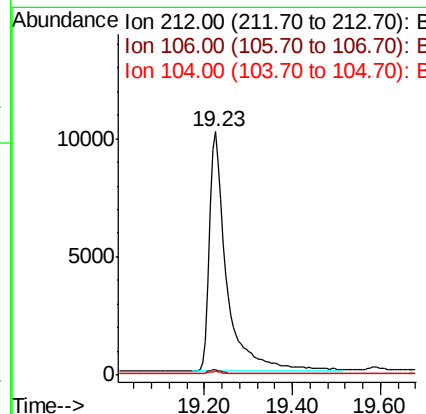
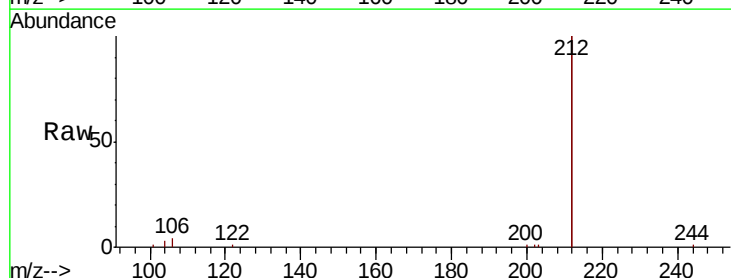
RT: 19.23 min Scan# 1385

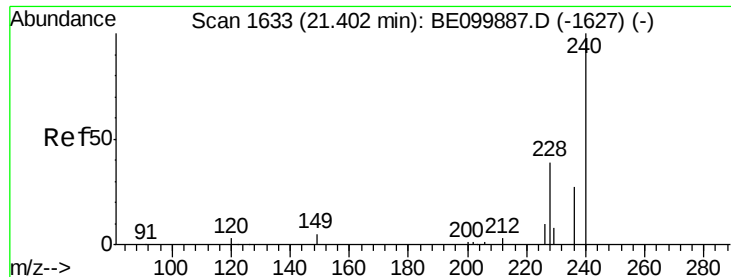
Delta R.T. -0.03 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

Tgt Ion:	212	Resp:	27480
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: 21.37 min Scan# 1629

Delta R.T. -0.04 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

Instrument :

BNA_E

ClientSampleId :

PB120315BL

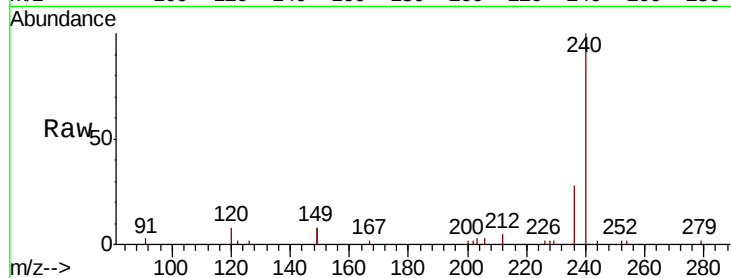
Tgt Ion:240 Resp: 7967

Ion Ratio Lower Upper

240 100

120 8.1 3.8 5.6#

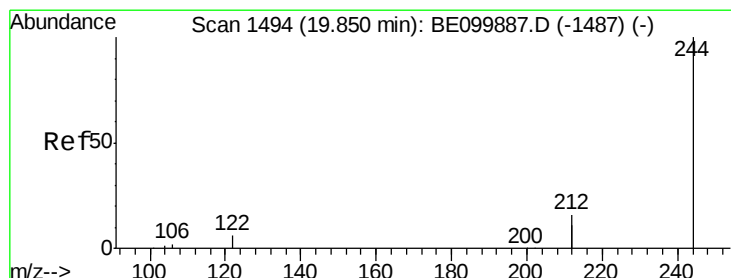
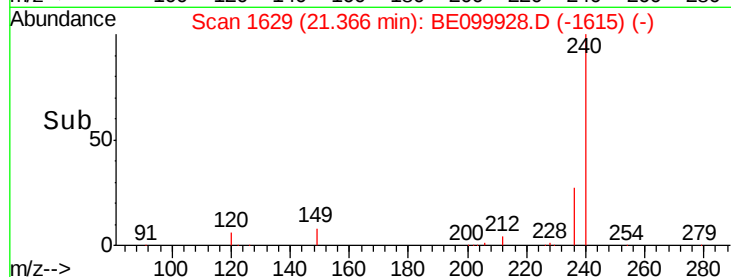
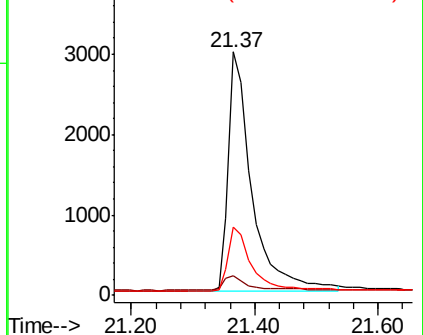
236 27.9 22.0 33.0



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: 0.554 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

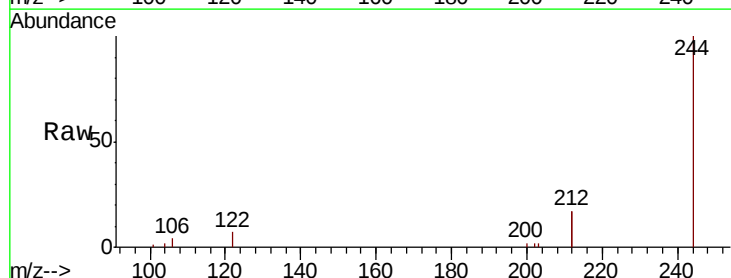
Tgt Ion:244 Resp: 7949

Ion Ratio Lower Upper

244 100

212 33.3 25.7 38.5

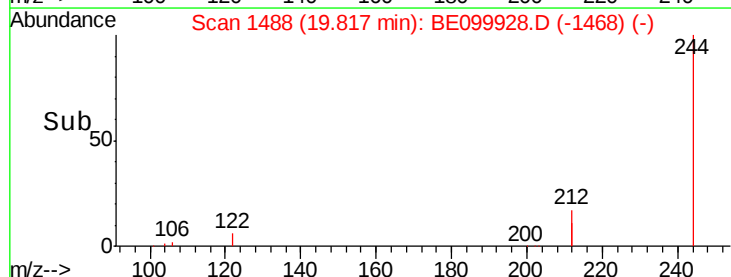
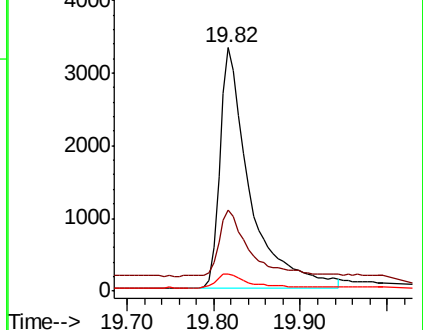
122 7.0 5.5 8.3

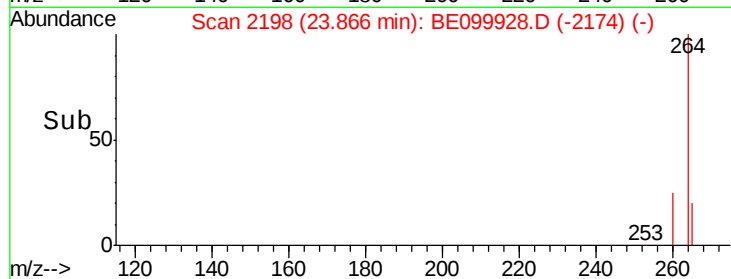
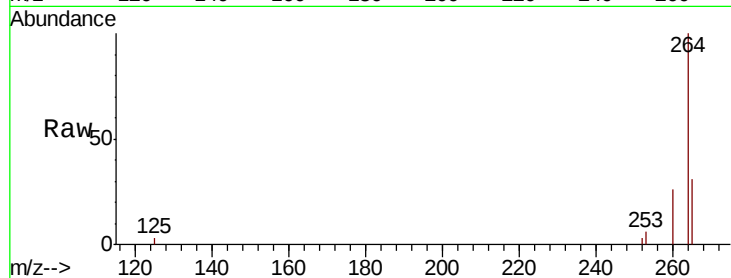
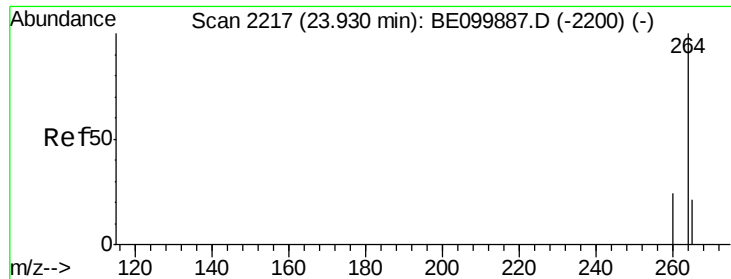


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.87 min Scan# 2198

Delta R.T. -0.06 min

Lab File: BE099928.D

Acq: 11 Jun 2019 17:33

Instrument :

BNA_E

ClientSampleId :

PB120315BL

Tgt Ion:264 Resp: 9579

Ion Ratio Lower Upper

264 100

260 26.0 20.2 30.2

265 31.3 22.0 33.0

