

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099941.D
 Acq On : 12 Jun 2019 1:22
 Operator : JU/SJ
 Sample : K3257-07DL 5X
 Misc : LOQ-WATER-0.2PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE120D2-20190606DL

Quant Time: Jun 12 03:47:20 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

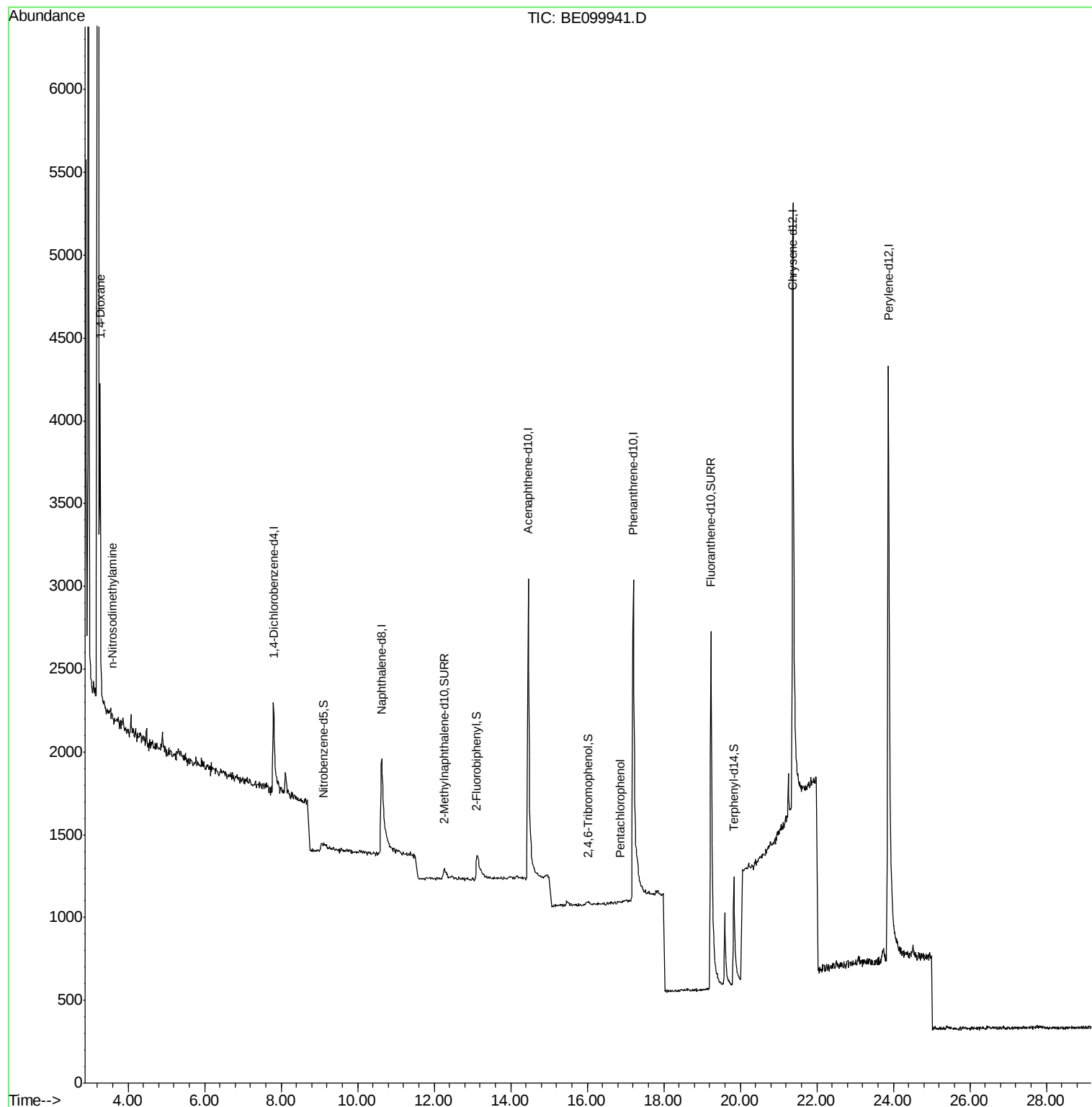
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	576	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	2096	0.40	ng	0.03
13) Acenaphthene-d10	14.46	164	2171	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	6909	0.40	ng	-0.01
27) Chrysene-d12	21.38	240	8028	0.40	ng	-0.02
34) Perylene-d12	23.87	264	9471	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	25	0.02	ng	0.03
5) Phenol-d6	6.95	99	5	0.00	ng	-0.01
8) Nitrobenzene-d5	9.11	82	69	0.03	ng	0.14
11) 2-Methylnaphthalene-d10	12.27	152	286	0.08	ng	0.06
14) 2,4,6-Tribromophenol	16.01	330	37	0.02	ng	0.04
15) 2-Fluorobiphenyl	13.12	172	575	0.07	ng	0.01
25) Fluoranthene-d10	19.23	212	7230	0.07	ng	-0.02
29) Terphenyl-d14	19.83	244	1577	0.11	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.27	88	1460	1.713	ng	Qvalue 94
3) n-Nitrosodimethylamine	3.58	42	48	0.098	ng	# 100
22) Pentachlorophenol	16.87	266	5	0.302	ng	# 81

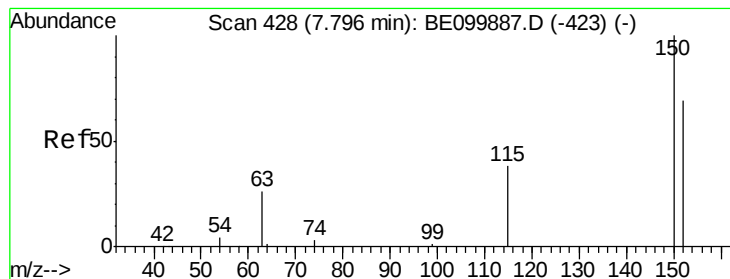
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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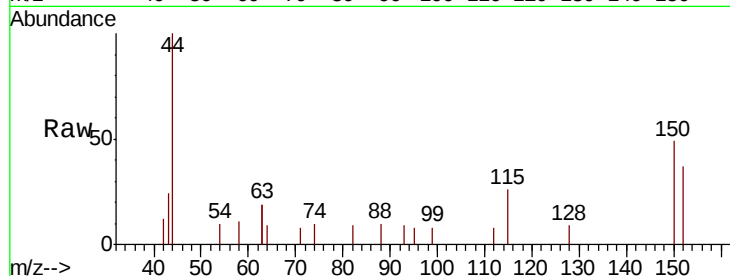


#1

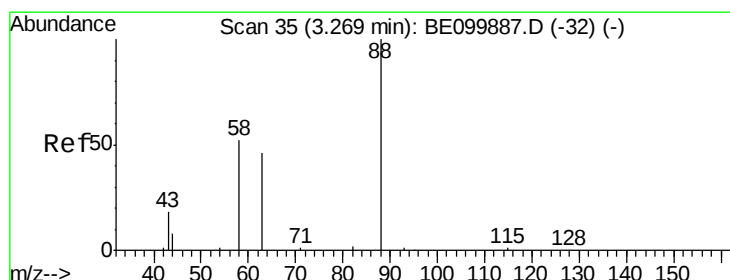
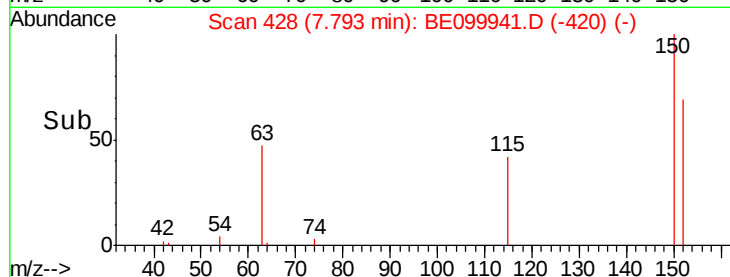
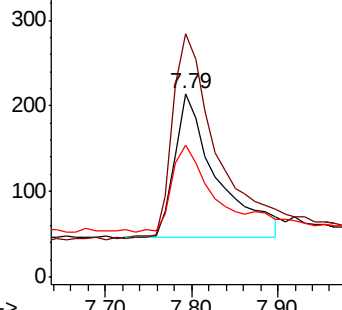
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099941.D
Acq: 12 Jun 2019 1:22

Instrument :
BNA_E
ClientSampleId :
RE120D2-20190606DL

Tgt Ion: 152 Resp: 576
Ion Ratio Lower Upper
152 100
150 132.7 111.0 166.6
115 72.0 50.7 76.1



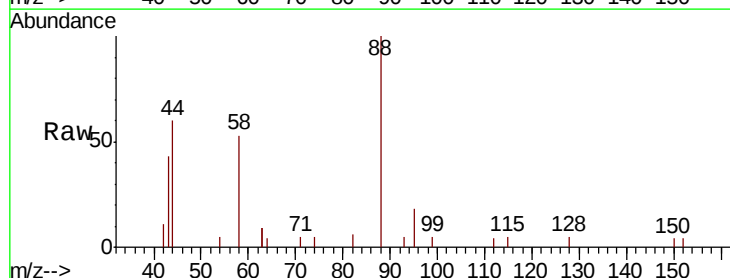
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



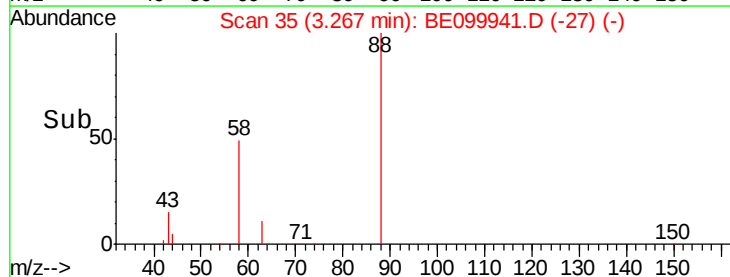
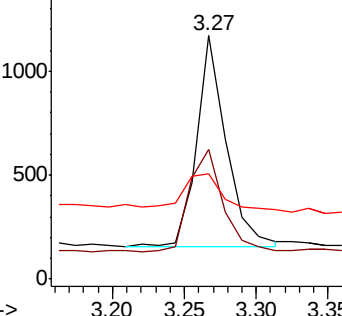
#2

1,4-Dioxane
Concen: 1.713 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099941.D
Acq: 12 Jun 2019 1:22

Tgt Ion: 88 Resp: 1460
Ion Ratio Lower Upper
88 100
58 55.2 48.8 73.2
43 25.1 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

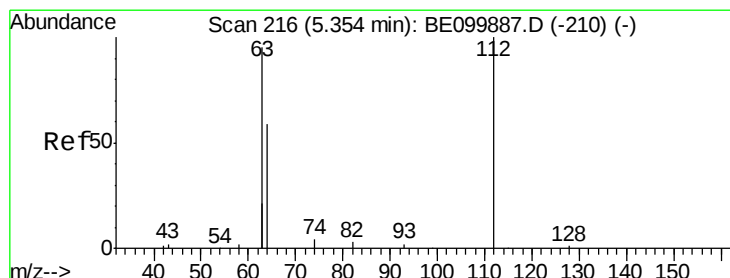
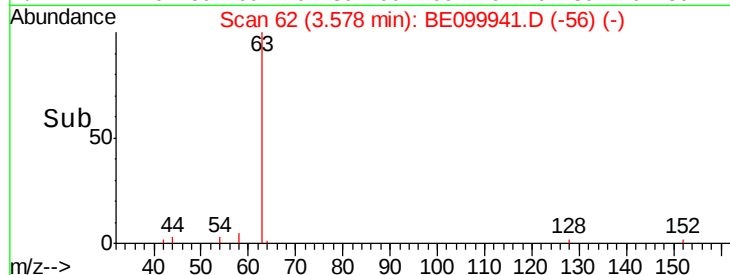
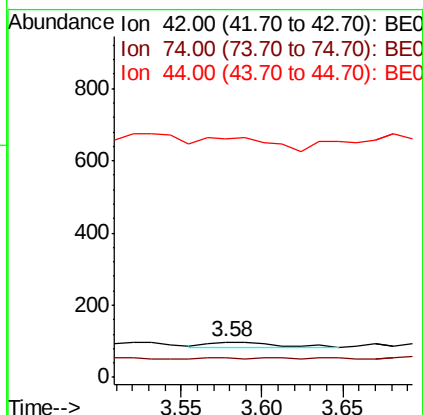
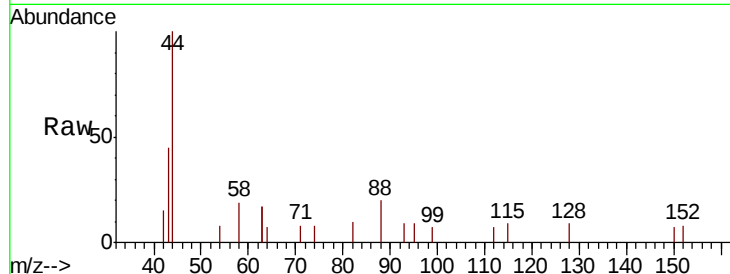




#3
n-Nitrosodimethylamine
Concen: 0.098 ng
RT: 3.58 min Scan# 62
Delta R.T. -0.03 min
Lab File: BE099941.D
Acq: 12 Jun 2019 1:22

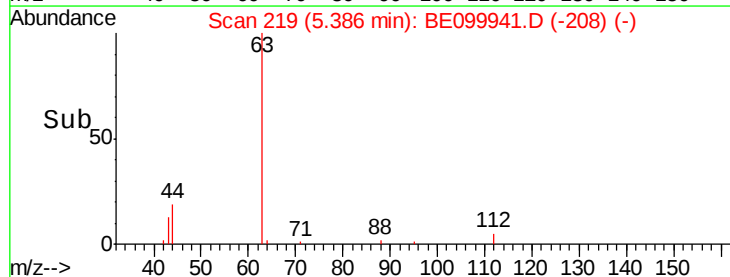
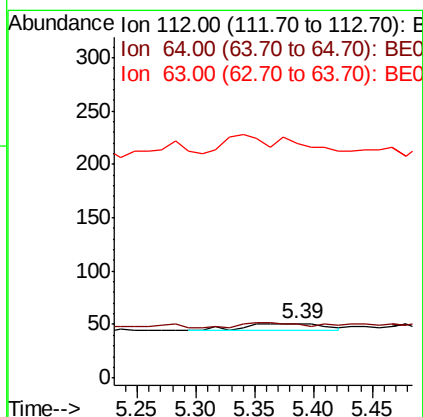
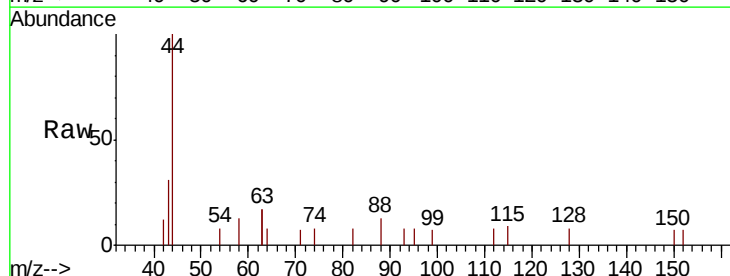
Instrument :
BNA_E
ClientSampleId :
RE120D2-20190606DL

Tgt Ion: 42 Resp: 48
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 0.0 0.0 0.0



#4
2-Fluorophenol
Concen: 0.016 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.03 min
Lab File: BE099941.D
Acq: 12 Jun 2019 1:22

Tgt Ion: 112 Resp: 25
Ion Ratio Lower Upper
112 100
64 0.0 44.1 66.1#
63 0.0 87.8 131.6#





#5

Phenol-d6

Concen: 0.002 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE099941.D

Acq: 12 Jun 2019 1:22

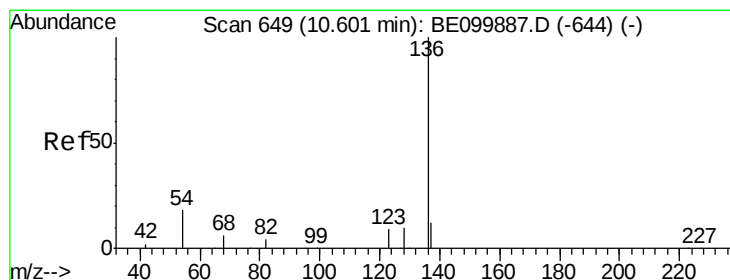
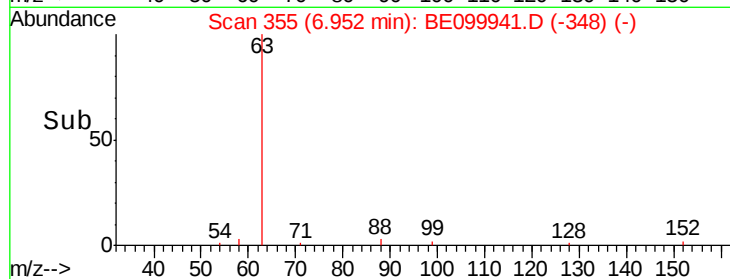
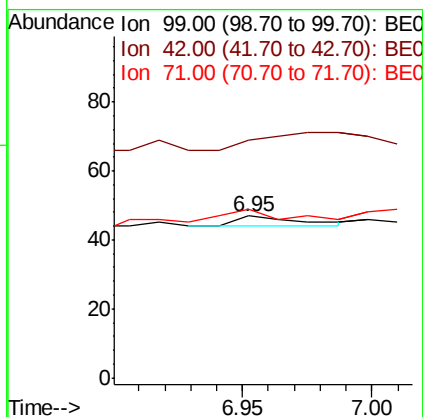
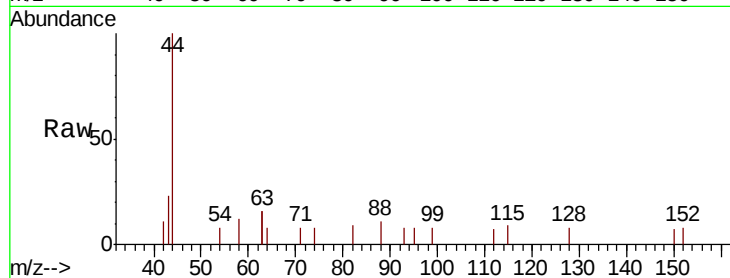
Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606DL

Tgt Ion:	99	Resp:	5
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.9	23.9#
71	60.0	34.6	52.0#



#7

Naphthalene-d8

Concen: 0.400 ng

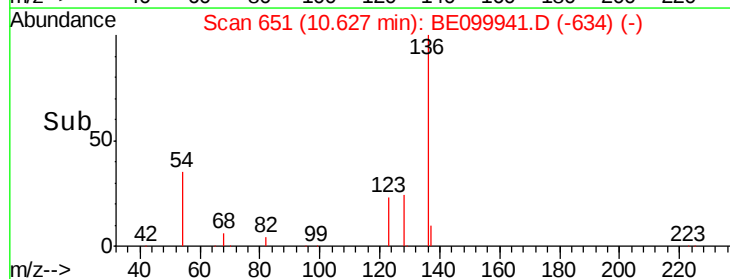
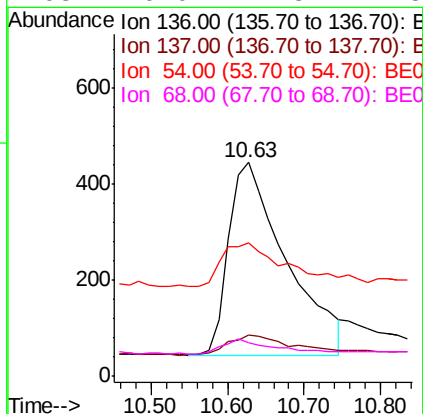
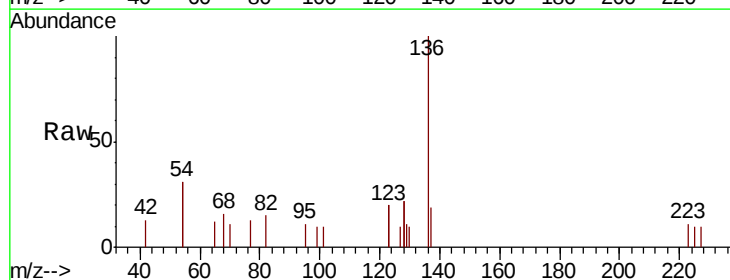
RT: 10.63 min Scan# 651

Delta R.T. 0.03 min

Lab File: BE099941.D

Acq: 12 Jun 2019 1:22

Tgt Ion:	136	Resp:	2096
Ion	Ratio	Lower	Upper
136	100		
137	19.1	12.3	18.5#
54	62.5	28.2	42.4#
68	16.0	7.8	11.8#





#8

Nitrobenzene-d5

Concen: 0.035 ng

RT: 9.11 min Scan# 534

Delta R.T. 0.14 min

Lab File: BE099941.D

Acq: 12 Jun 2019 1:22

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606DL

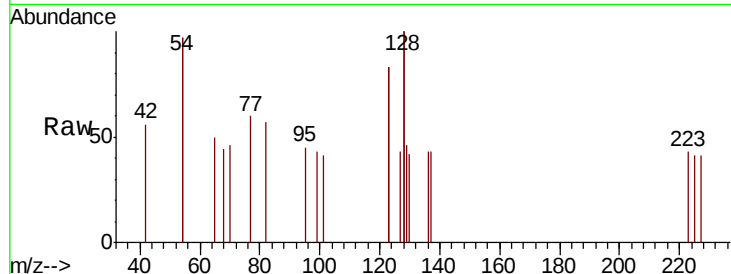
Tgt Ion: 82 Resp: 69

Ion Ratio Lower Upper

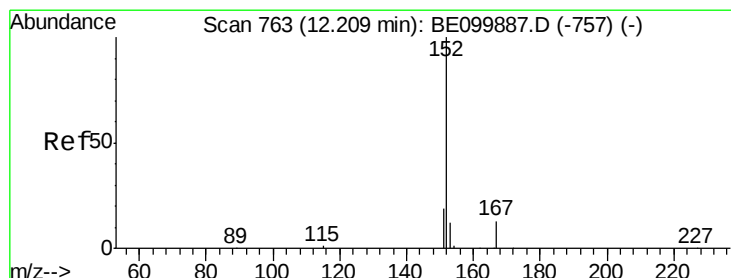
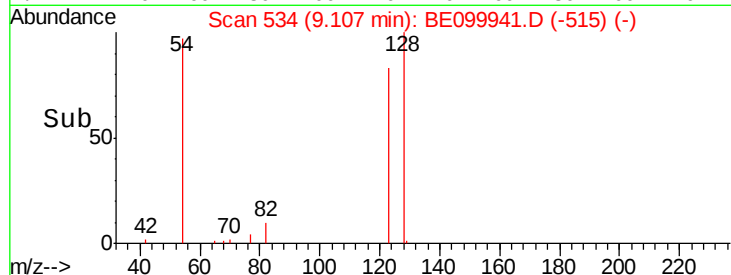
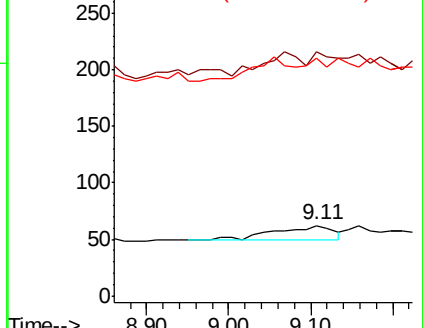
82 100

128 348.4 137.3 205.9#

54 338.7 129.7 194.5#



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: 0.078 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.06 min

Lab File: BE099941.D

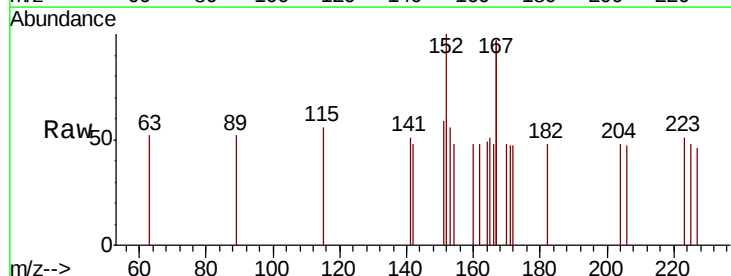
Acq: 12 Jun 2019 1:22

Tgt Ion: 152 Resp: 286

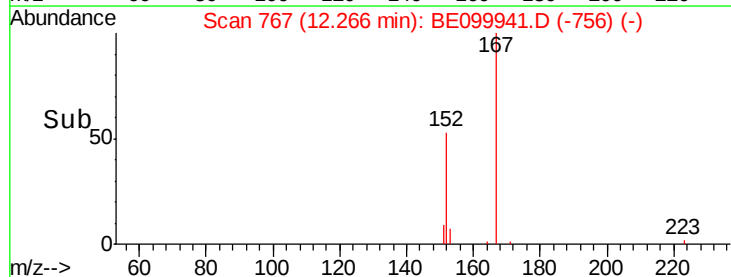
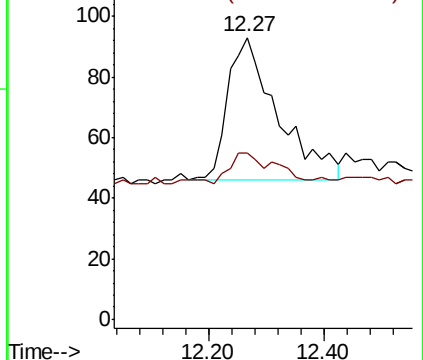
Ion Ratio Lower Upper

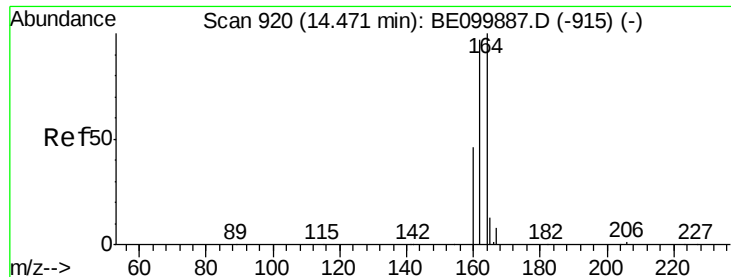
152 100

151 18.9 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: BE099941.D

Acq: 12 Jun 2019 1:22

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606DL

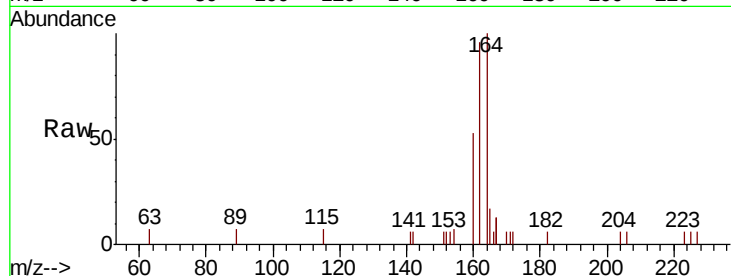
Tgt Ion:164 Resp: 2171

Ion Ratio Lower Upper

164 100

162 95.6 77.8 116.8

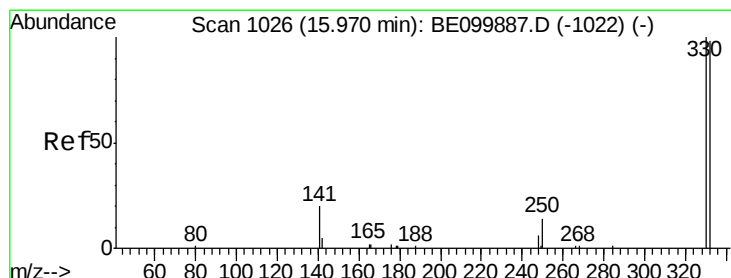
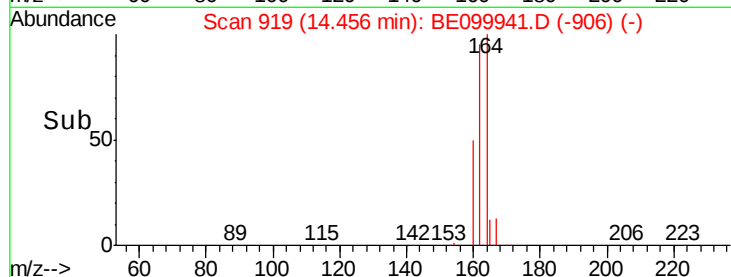
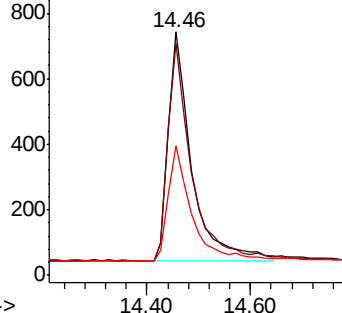
160 53.2 38.2 57.4



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: 0.023 ng

RT: 16.01 min Scan# 1029

Delta R.T. 0.04 min

Lab File: BE099941.D

Acq: 12 Jun 2019 1:22

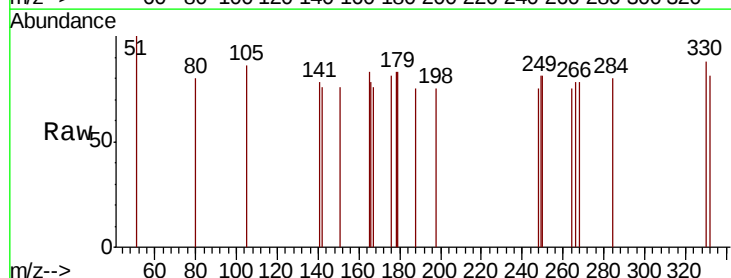
Tgt Ion:330 Resp: 37

Ion Ratio Lower Upper

330 100

332 116.2 76.7 115.1#

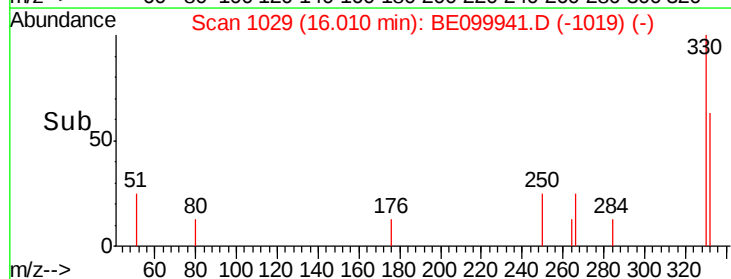
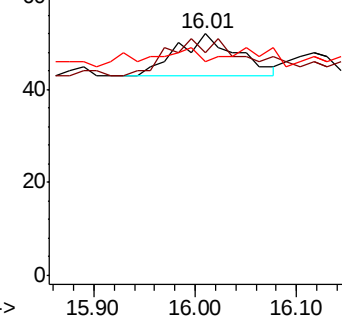
141 27.0 21.0 31.6

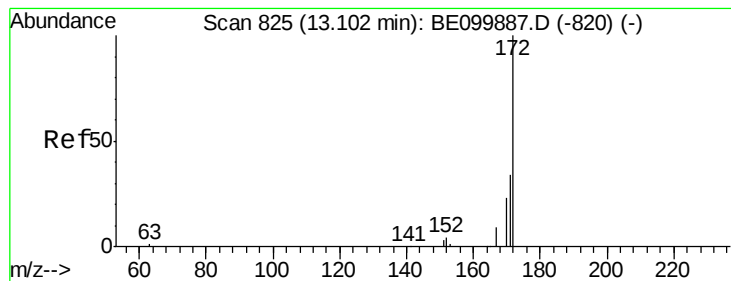


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.070 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: BE099941.D

Acq: 12 Jun 2019 1:22

Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606DL

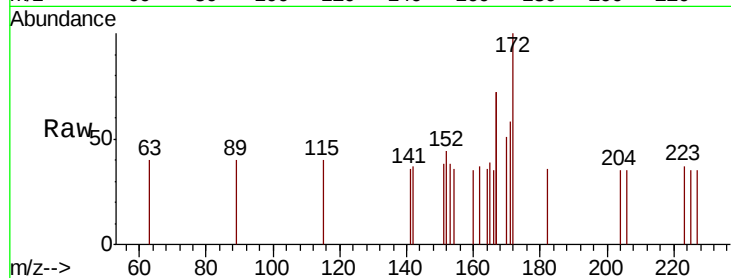
Tgt Ion:172 Resp: 575

Ion Ratio Lower Upper

172 100

171 57.9 29.2 43.8#

170 50.8 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

13.12

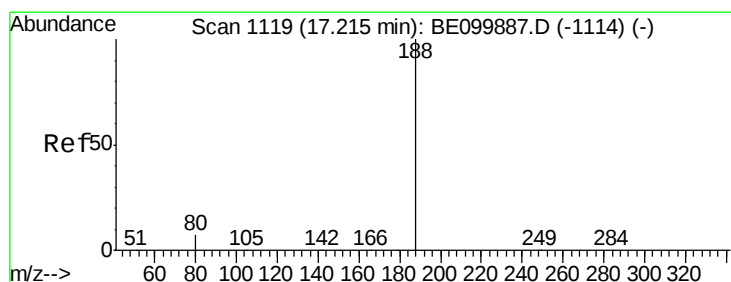
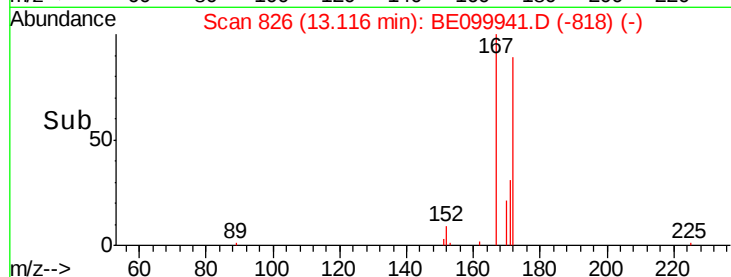
100

50

0

13.00 13.20 13.40

Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099941.D

Acq: 12 Jun 2019 1:22

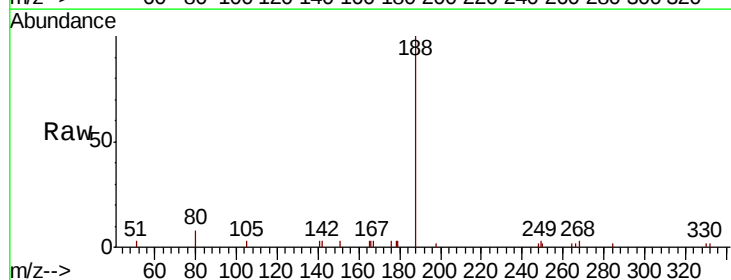
Tgt Ion:188 Resp: 6909

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 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

17.20

2500

2000

1500

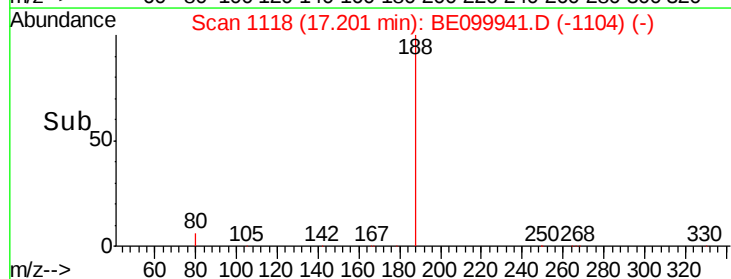
1000

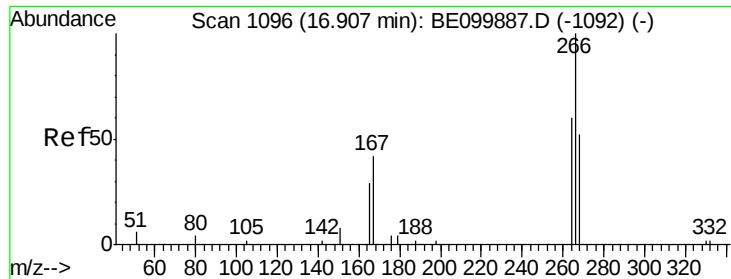
500

0

17.00 17.20 17.40

Time-->





#22

Pentachlorophenol

Concen: 0.302 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.04 min

Lab File: BE099941.D

Acq: 12 Jun 2019 1:22

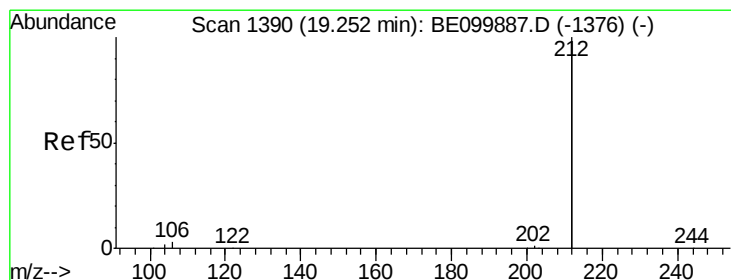
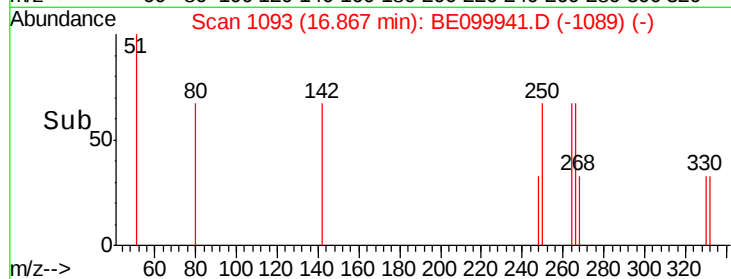
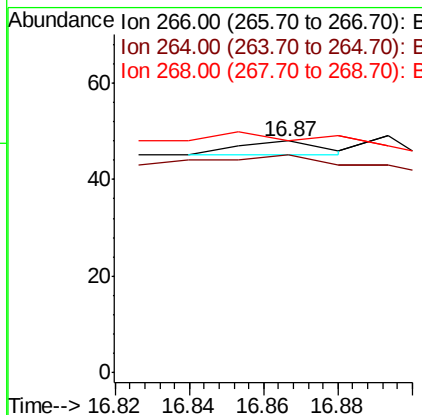
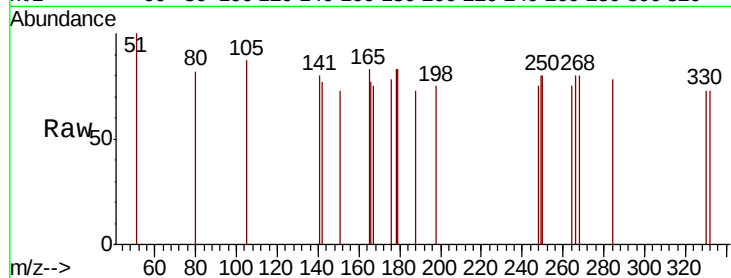
Instrument :

BNA_E

ClientSampleId :

RE120D2-20190606DL

Tgt Ion:	266	Resp:	5
Ion	Ratio	Lower	Upper
266	100		
264	93.8	62.2	93.2#
268	100.0	65.5	98.3#



#25

Fluoranthene-d10

Concen: 0.072 ng

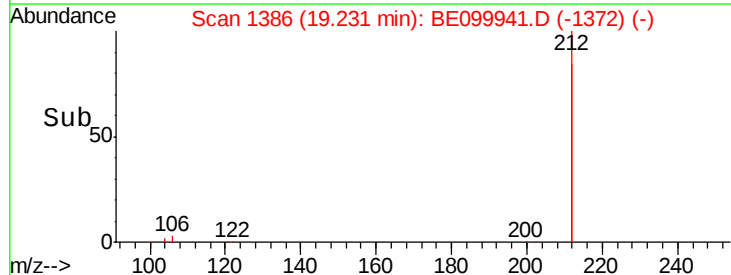
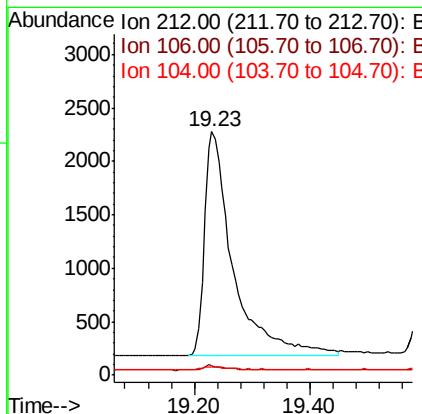
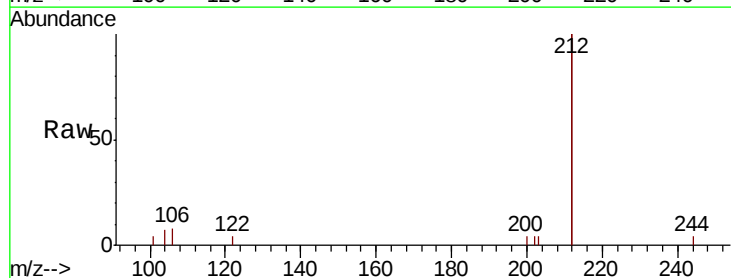
RT: 19.23 min Scan# 1386

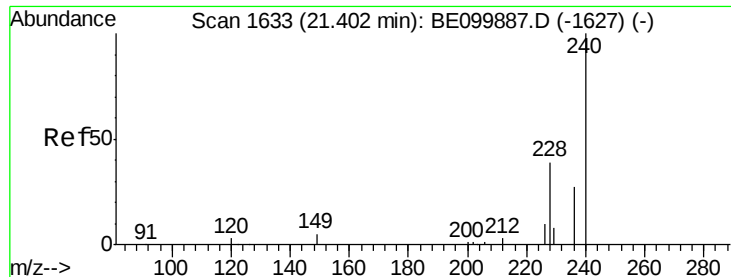
Delta R.T. -0.02 min

Lab File: BE099941.D

Acq: 12 Jun 2019 1:22

Tgt Ion:	212	Resp:	7230
Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.4	2.2
104	1.0	0.9	1.3

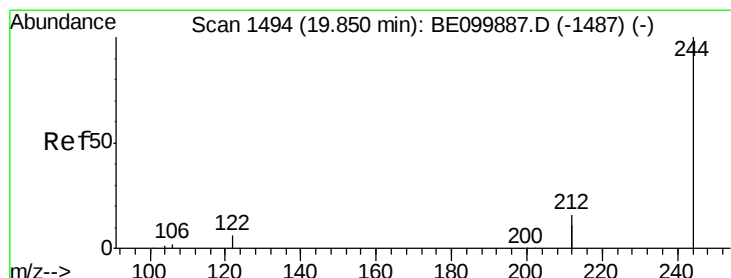
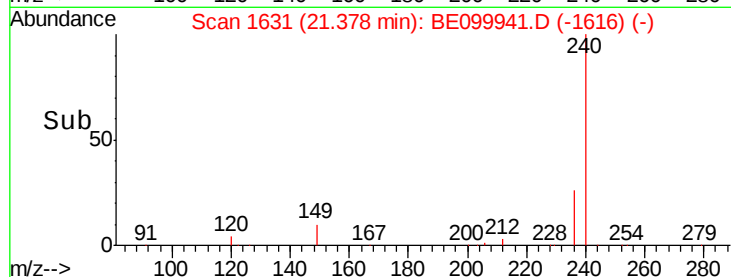
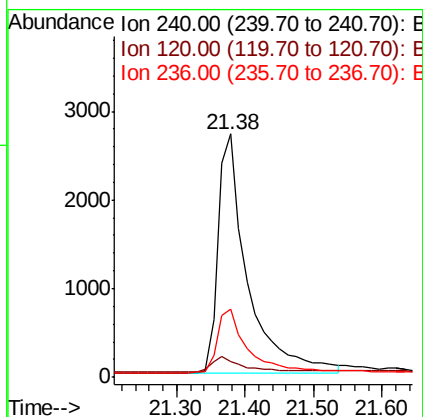
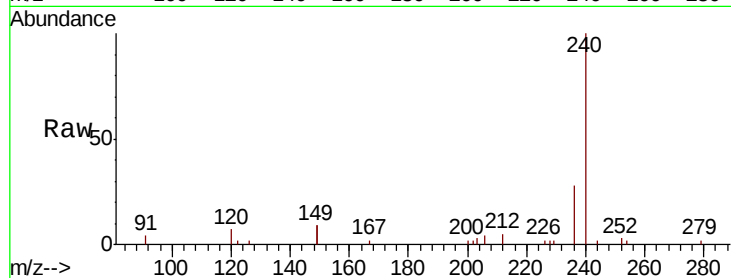




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.02 min
 Lab File: BE099941.D
 Acq: 12 Jun 2019 1:22

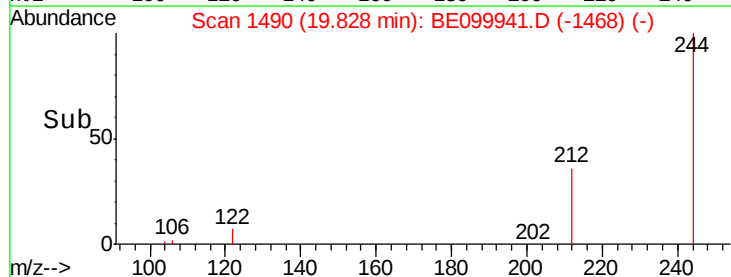
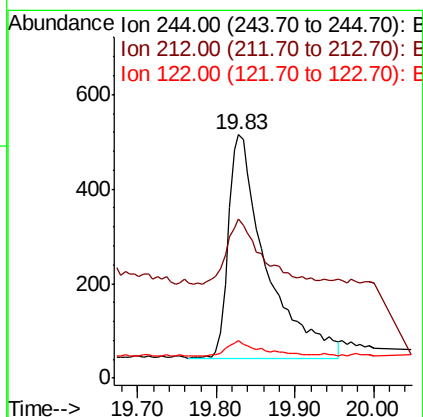
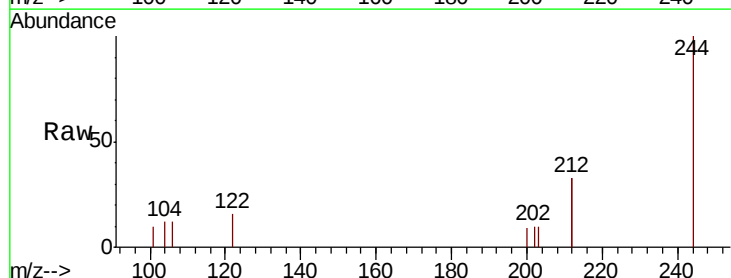
Instrument :
 BNA_E
 ClientSampleId :
 RE120D2-20190606DL

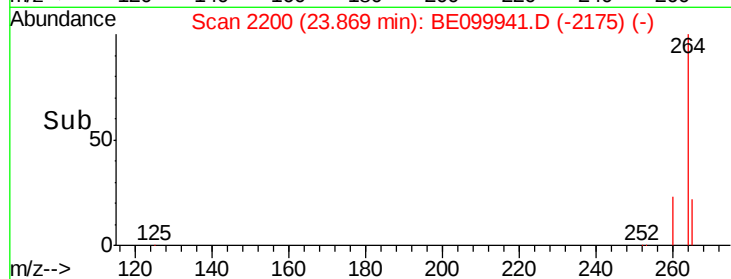
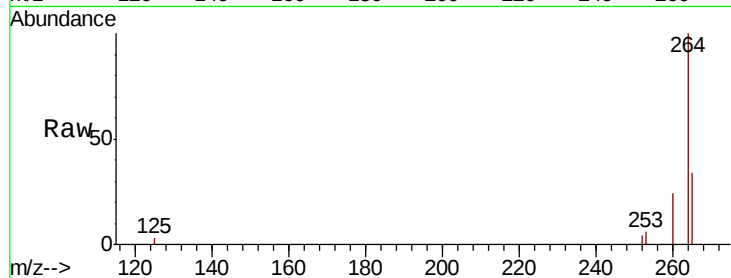
Tgt Ion: 240 Resp: 8028
 Ion Ratio Lower Upper
 240 100
 120 6.6 3.8 5.6#
 236 27.9 22.0 33.0



#29
 Terphenyl-d14
 Concen: 0.109 ng
 RT: 19.83 min Scan# 1490
 Delta R.T. -0.02 min
 Lab File: BE099941.D
 Acq: 12 Jun 2019 1:22

Tgt Ion: 244 Resp: 1577
 Ion Ratio Lower Upper
 244 100
 212 65.6 25.7 38.5#
 122 15.5 5.5 8.3#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2200
Delta R.T. -0.06 min
Lab File: BE099941.D
Acq: 12 Jun 2019 1:22

Instrument :
BNA_E
ClientSampleId :
RE120D2-20190606DL

Tgt Ion: 264 Resp: 9471
Ion Ratio Lower Upper
264 100
260 24.1 20.2 30.2
265 33.8 22.0 33.0#

