

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
 Data File : BE099996.D
 Acq On : 13 Jun 2019 18:59
 Operator : JU/SJ
 Sample : K3279-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30212-20190607

Quant Time: Jun 14 03:26:00 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	7.78	152	717	0.40	ng	-0.01
7) Naphthalene-d8	10.62	136	2445	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2126	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6898	0.40	ng	0.00
27) Chrysene-d12	21.39	240	9596	0.40	ng	-0.01
34) Perylene-d12	23.92	264	11234	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	268	0.14	ng	0.00
5) Phenol-d6	6.97	99	206	0.08	ng	0.00
8) Nitrobenzene-d5	8.99	82	829	0.36	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	1500	0.35	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	429	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3101	0.38	ng	0.00
25) Fluoranthene-d10	19.24	212	35668	0.35	ng	-0.01
29) Terphenyl-d14	19.84	244	9997	0.58	ng	-0.01

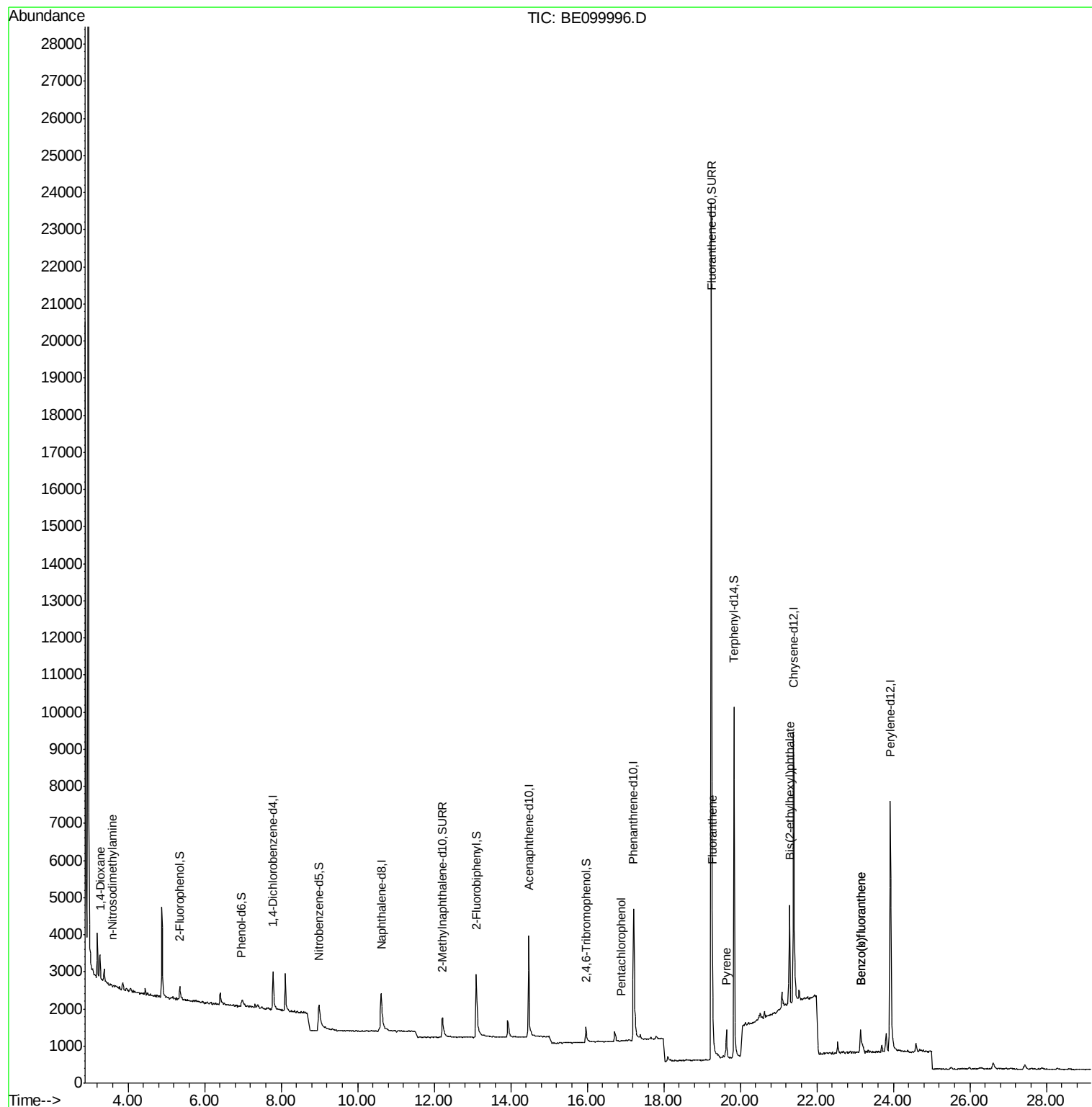
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	615	0.580	ng	# 82
3) n-Nitrosodimethylamine	3.58	42	26	0.042	ng	# 100
22) Pentachlorophenol	16.89	266	10	0.305	ng	# 84
26) Fluoranthene	19.27	202	871	0.031	ng	# 89
28) Pyrene	19.64	202	776	0.031	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.29	149	4467	0.109	ng	# 99
35) Benzo(b)fluoranthene	23.15	252	815	0.026	ng	# 1
36) Benzo(k)fluoranthene	23.15	252	815	0.025	ng	# 1

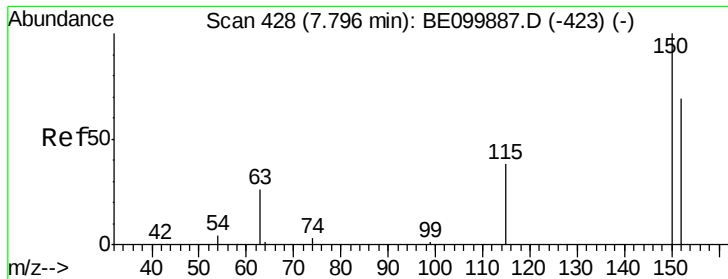
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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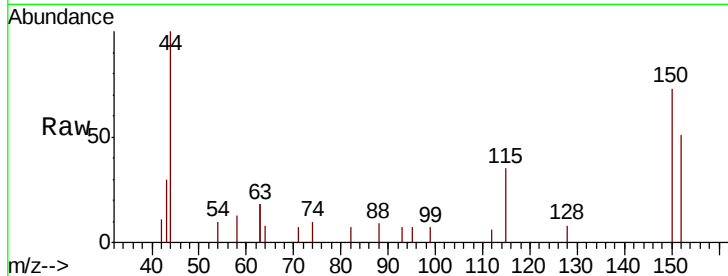


#1

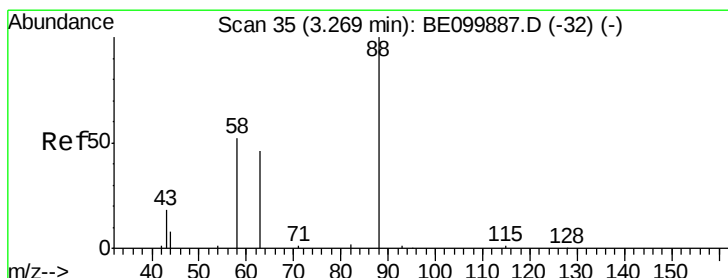
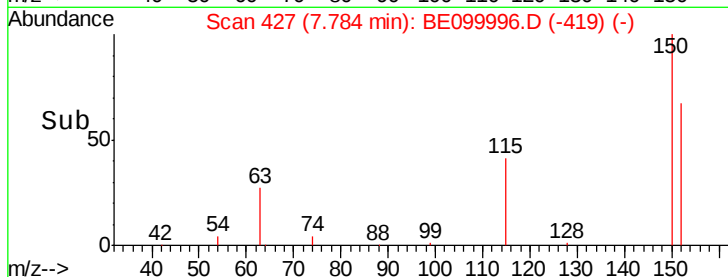
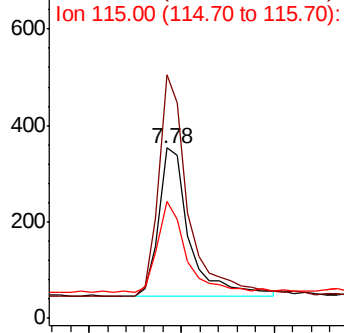
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099996.D
Acq: 13 Jun 2019 18:59

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30212-20190607

Tgt Ion:152 Resp: 717
Ion Ratio Lower Upper
152 100
150 143.1 111.0 166.6
115 68.8 50.7 76.1



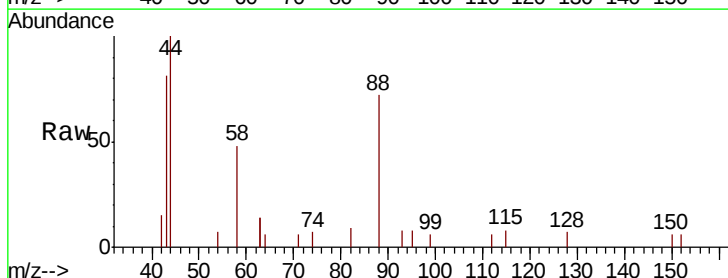
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



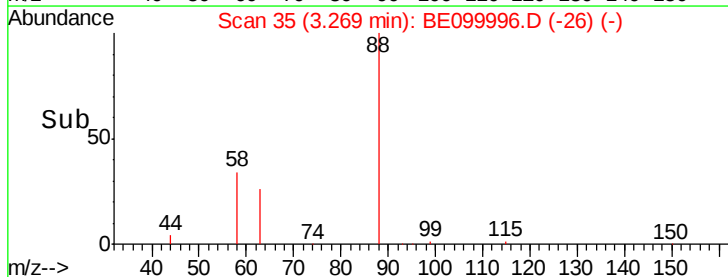
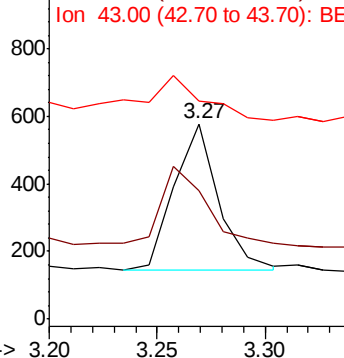
#2

1,4-Dioxane
Concen: 0.580 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099996.D
Acq: 13 Jun 2019 18:59

Tgt Ion: 88 Resp: 615
Ion Ratio Lower Upper
88 100
58 55.0 48.8 73.2
43 45.5 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: 0.042 ng

RT: 3.58 min Scan# 62

Delta R.T. -0.02 min

Lab File: BE099996.D

Acq: 13 Jun 2019 18:59

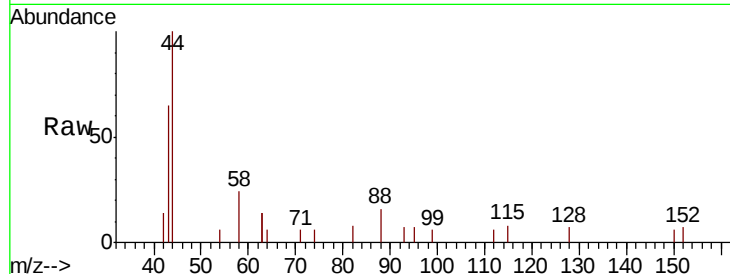
Instrument :

BNA_E

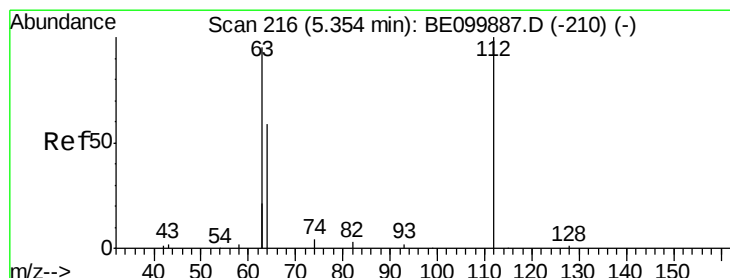
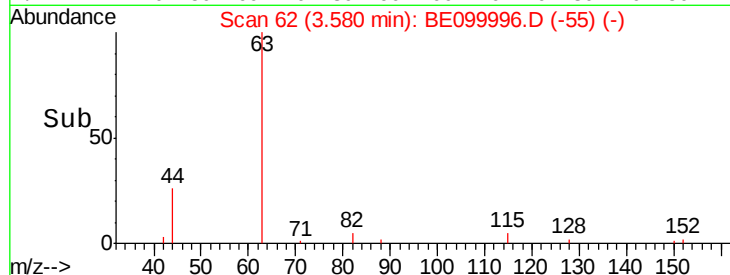
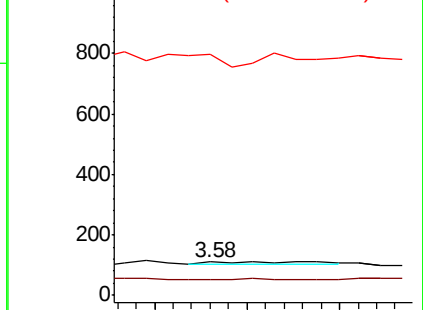
ClientSampleId :

BPS1-TT-MW30212-20190607

Tgt Ion:	42	Resp:	26
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	326.9	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: 0.138 ng

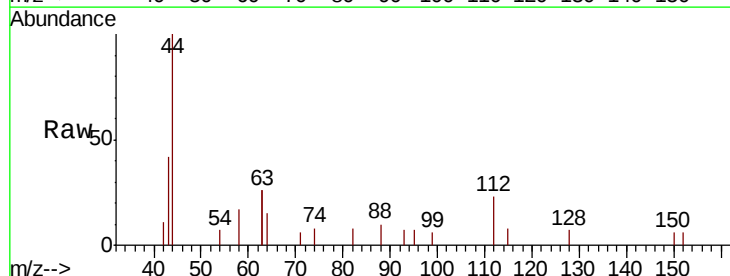
RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

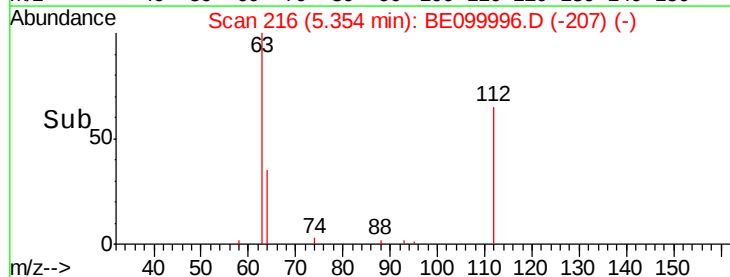
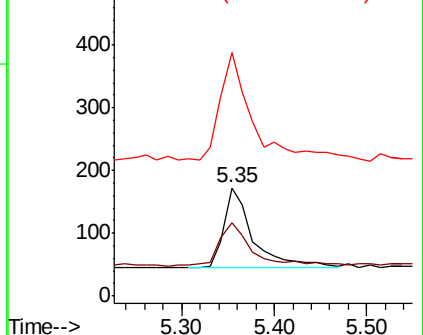
Lab File: BE099996.D

Acq: 13 Jun 2019 18:59

Tgt Ion:	112	Resp:	268
Ion	Ratio	Lower	Upper
112	100		
64	63.1	44.1	66.1
63	163.4	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: 0.083 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099996.D

Acq: 13 Jun 2019 18:59

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30212-20190607

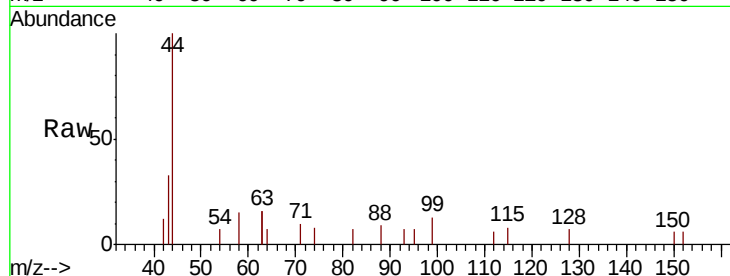
Tgt Ion: 99 Resp: 206

Ion Ratio Lower Upper

99 100

42 8.7 15.9 23.9#

71 46.6 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

6.97

100

80

60

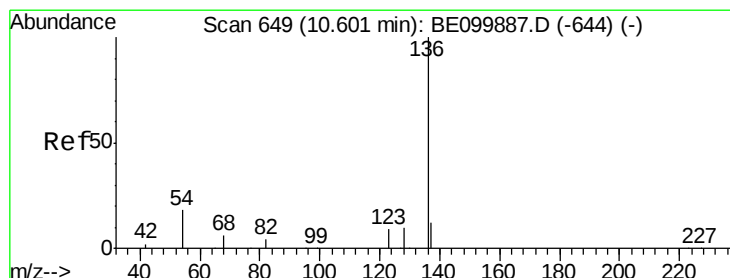
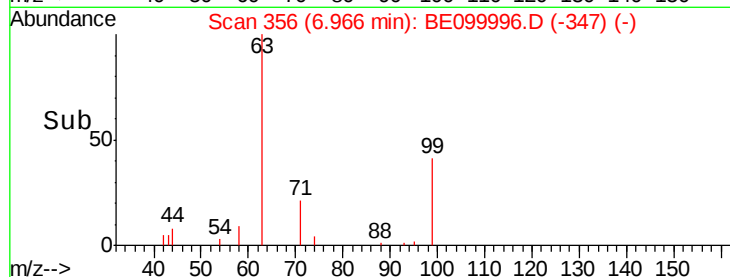
40

20

0

6.80 6.90 7.00 7.10 7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.62 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099996.D

Acq: 13 Jun 2019 18:59

Tgt Ion: 136 Resp: 2445

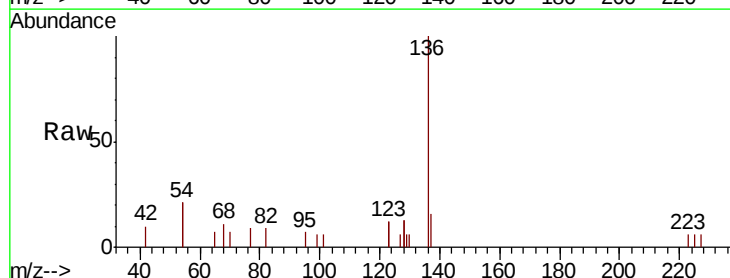
Ion Ratio Lower Upper

136 100

137 16.2 12.3 18.5

54 42.9 28.2 42.4#

68 11.1 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

10.62

1200

1000

800

600

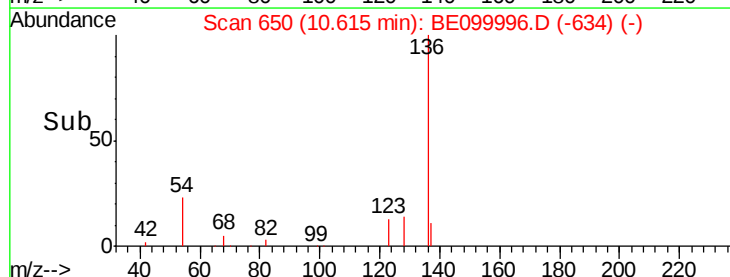
400

200

0

10.50 10.60 10.70 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.358 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099996.D

Acq: 13 Jun 2019 18:59

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30212-20190607

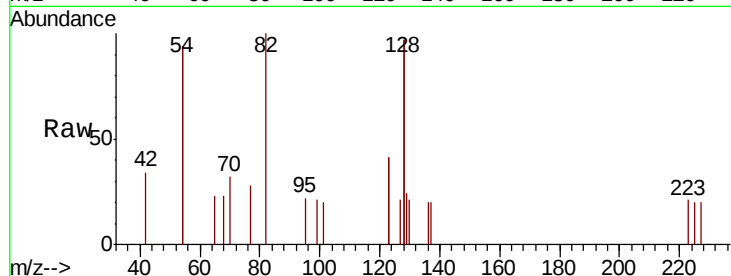
Tgt Ion: 82 Resp: 829

Ion Ratio Lower Upper

82 100

128 193.8 137.3 205.9

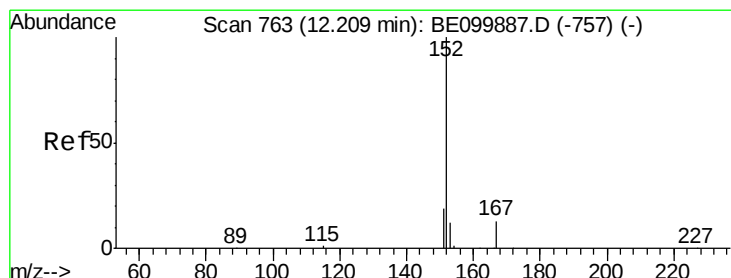
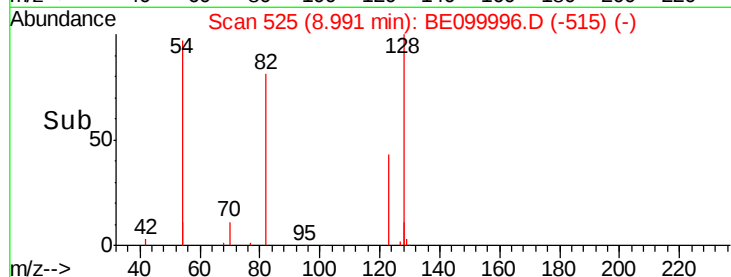
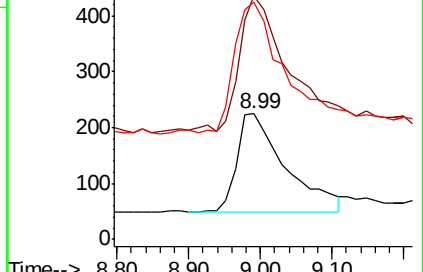
54 188.4 129.7 194.5



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: 0.352 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.02 min

Lab File: BE099996.D

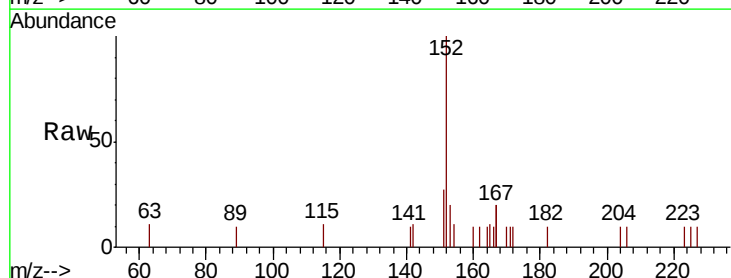
Acq: 13 Jun 2019 18:59

Tgt Ion: 152 Resp: 1500

Ion Ratio Lower Upper

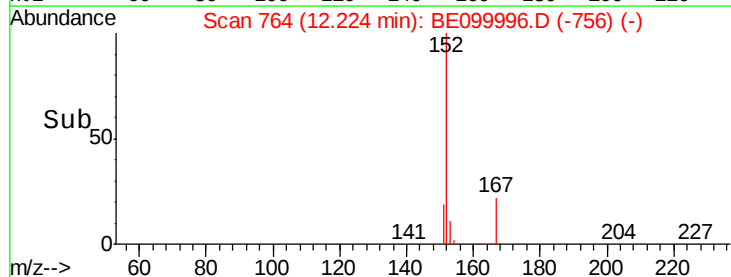
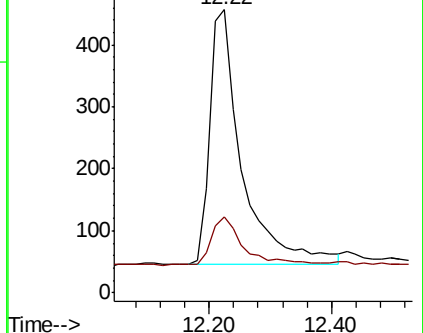
152 100

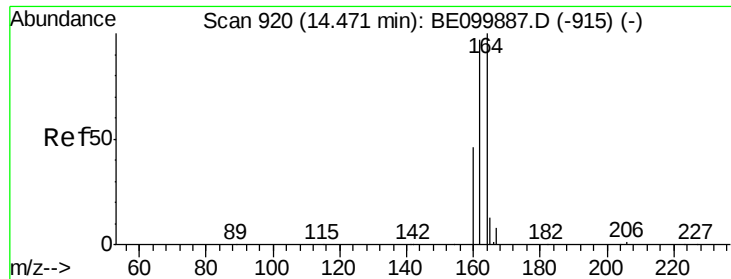
151 17.9 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

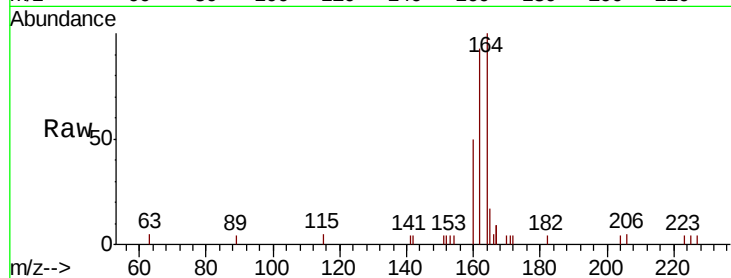




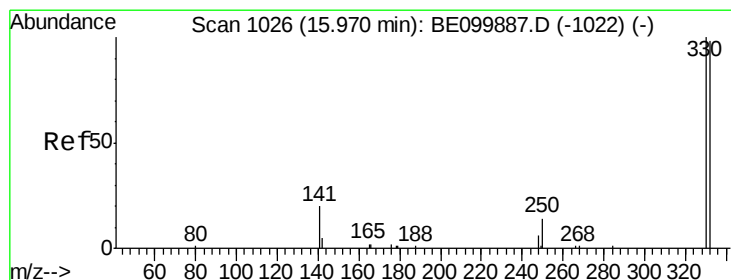
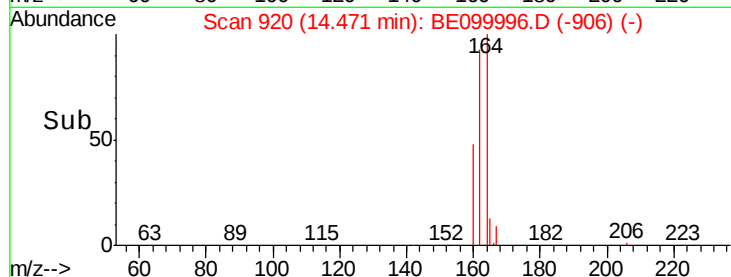
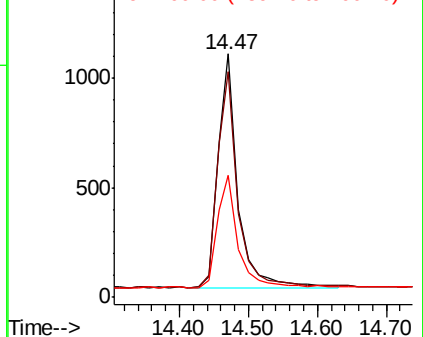
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099996.D
Acq: 13 Jun 2019 18:59

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30212-20190607

Tgt Ion:164 Resp: 2126
Ion Ratio Lower Upper
164 100
162 92.9 77.8 116.8
160 50.0 38.2 57.4

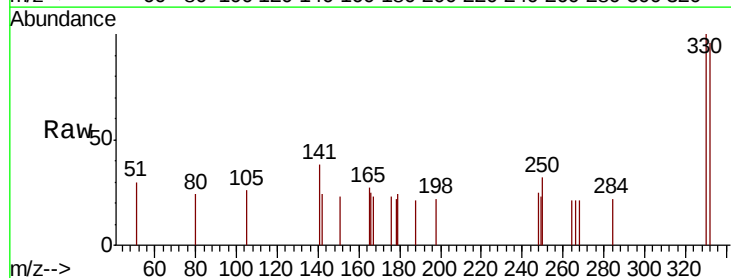


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

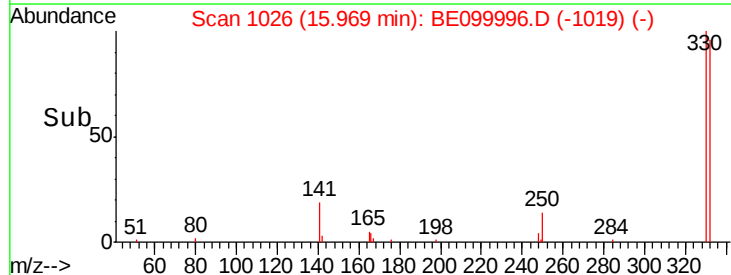
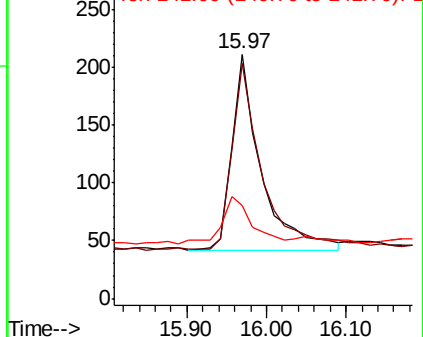


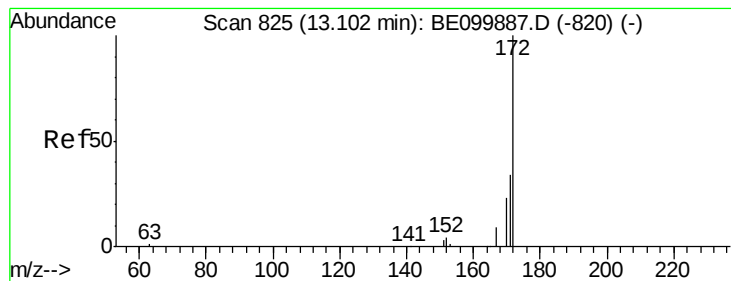
#14
2,4,6-Tribromophenol
Concen: 0.273 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE099996.D
Acq: 13 Jun 2019 18:59

Tgt Ion:330 Resp: 429
Ion Ratio Lower Upper
330 100
332 103.3 76.7 115.1
141 19.3 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

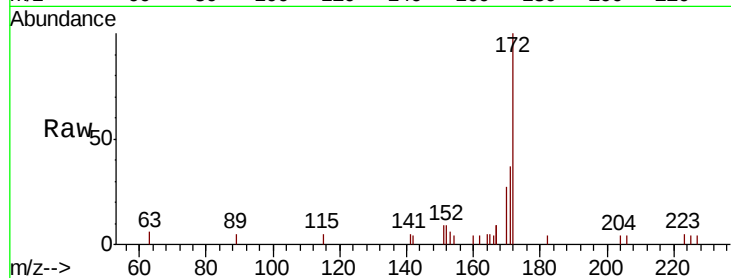




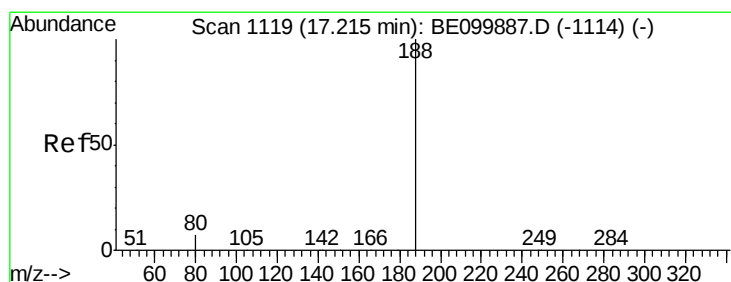
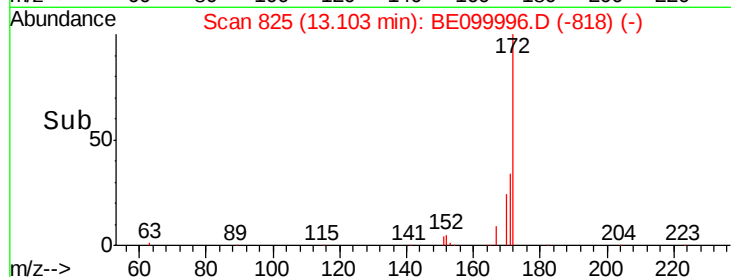
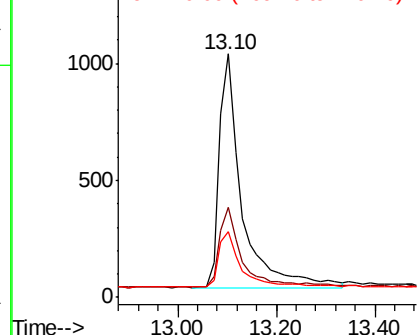
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099996.D
Acq: 13 Jun 2019 18:59

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BPS1-TT-MW30212-20190607

Tgt Ion:172 Resp: 3101
Ion Ratio Lower Upper
172 100
171 36.8 29.2 43.8
170 27.2 21.2 31.8

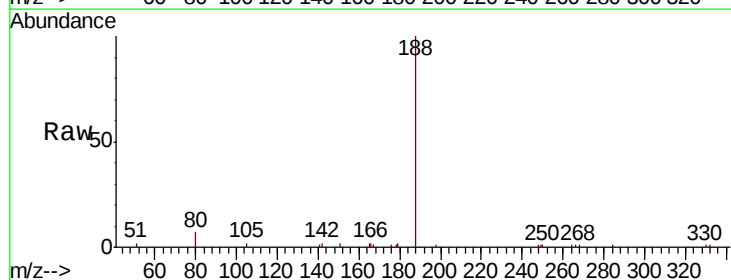


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

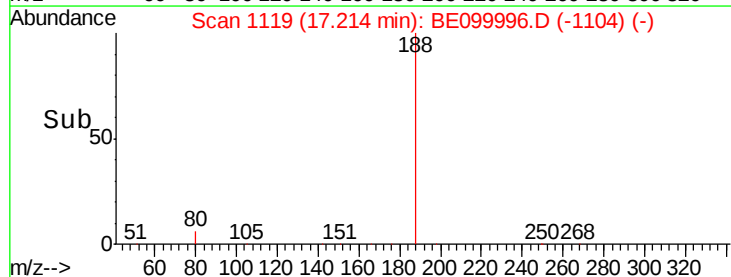
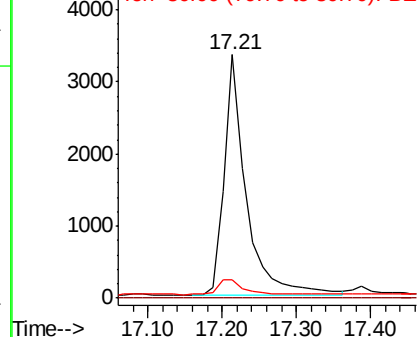


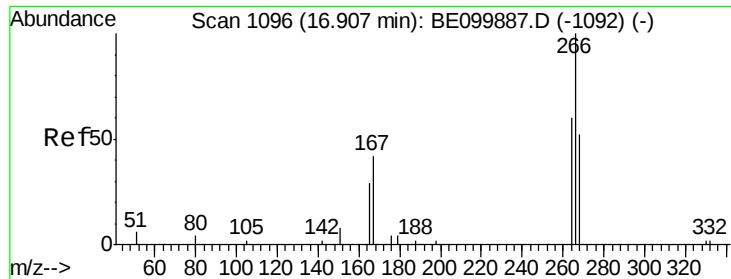
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099996.D
Acq: 13 Jun 2019 18:59

Tgt Ion:188 Resp: 6898
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.3 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

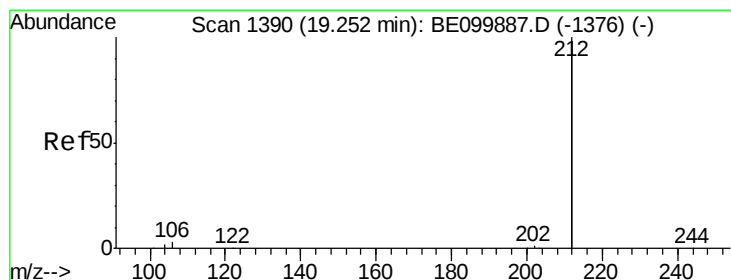
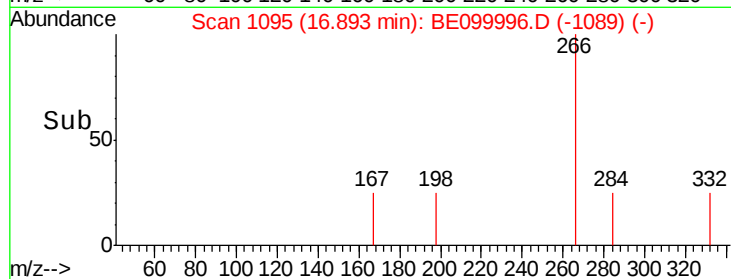
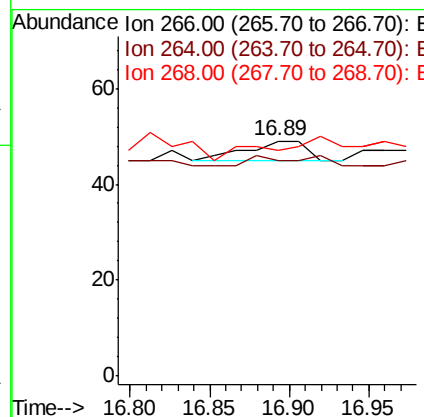
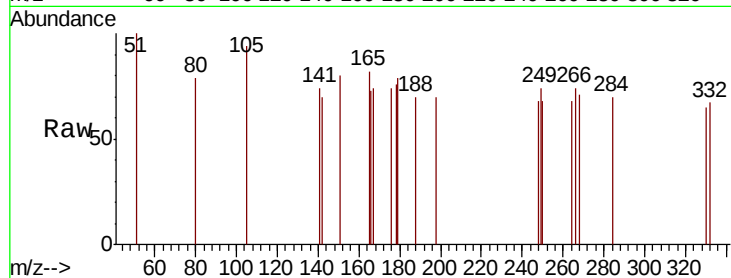




#22
 Pentachlorophenol
 Concen: 0.305 ng
 RT: 16.89 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BE099996.D
 Acq: 13 Jun 2019 18:59

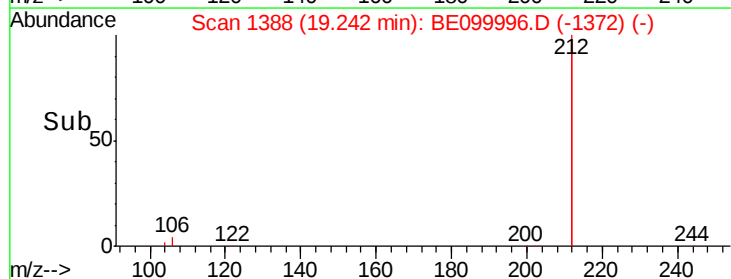
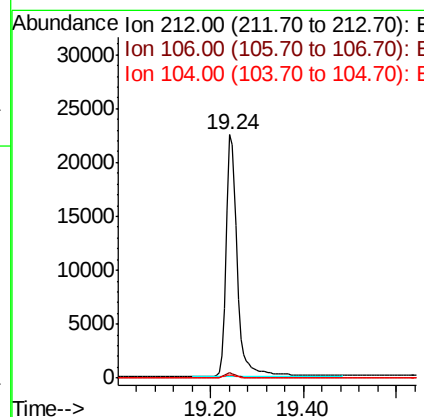
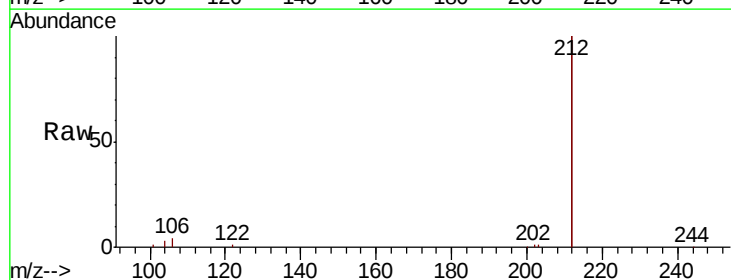
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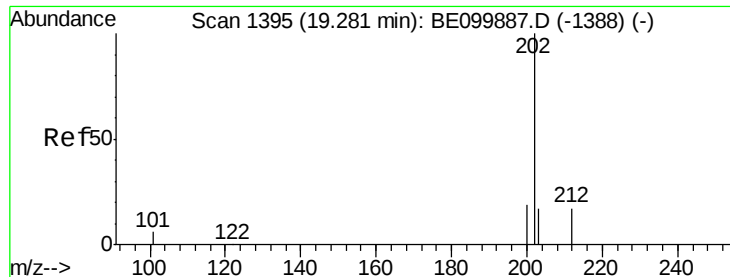
Tgt Ion: 266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 91.8 62.2 93.2
 268 95.9 65.5 98.3



#25
 Fluoranthene-d10
 Concen: 0.355 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE099996.D
 Acq: 13 Jun 2019 18:59

Tgt Ion: 212 Resp: 35668
 Ion Ratio Lower Upper
 212 100
 106 1.9 1.4 2.2
 104 1.1 0.9 1.3

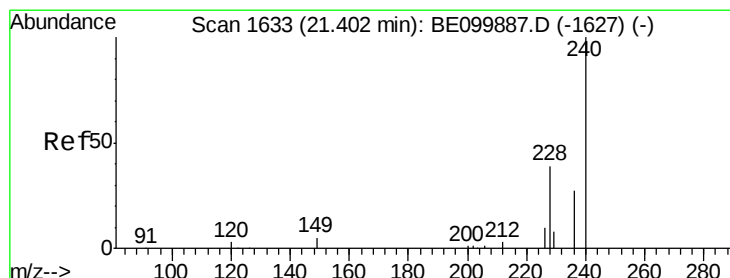
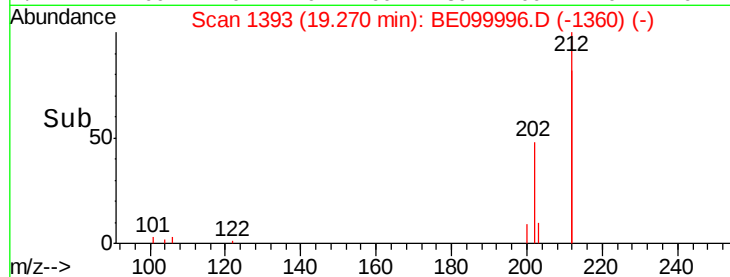
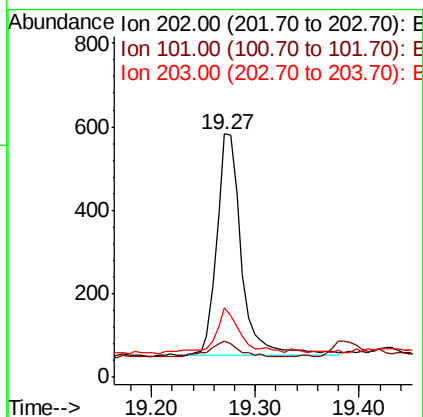
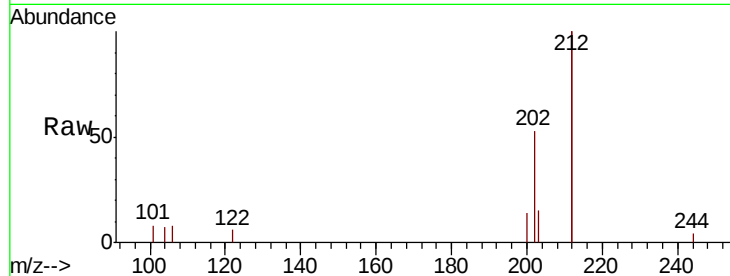




#26
 Fluoranthene
 Concen: 0.031 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BE099996.D
 Acq: 13 Jun 2019 18:59

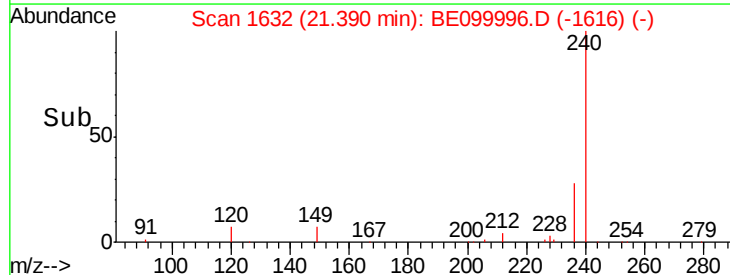
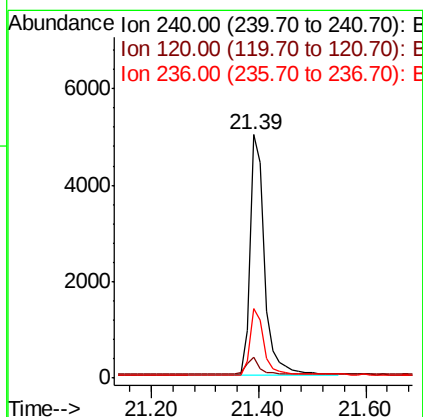
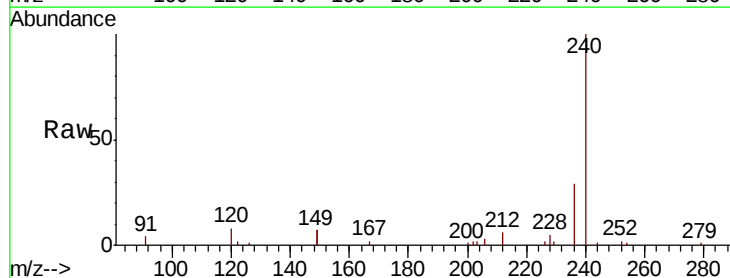
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30212-20190607

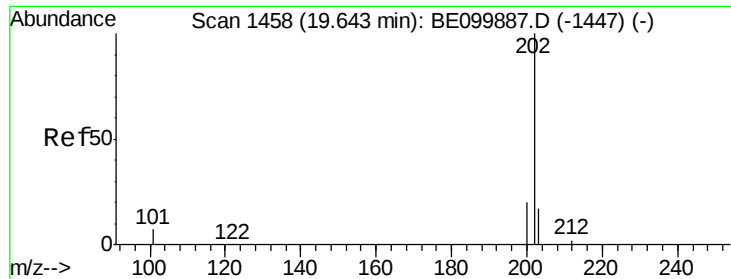
Tgt Ion: 202 Resp: 871
 Ion Ratio Lower Upper
 202 100
 101 9.4 5.4 8.0#
 203 21.8 13.2 19.8#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BE099996.D
 Acq: 13 Jun 2019 18:59

Tgt Ion: 240 Resp: 9596
 Ion Ratio Lower Upper
 240 100
 120 8.4 3.8 5.6#
 236 28.5 22.0 33.0

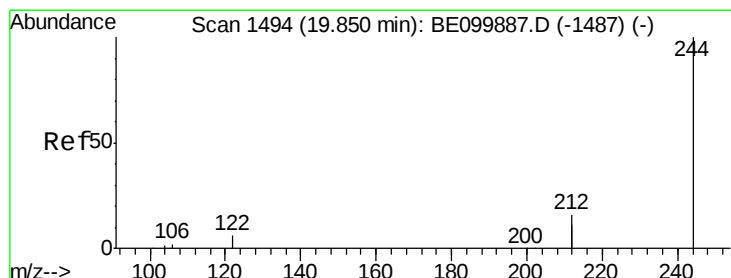
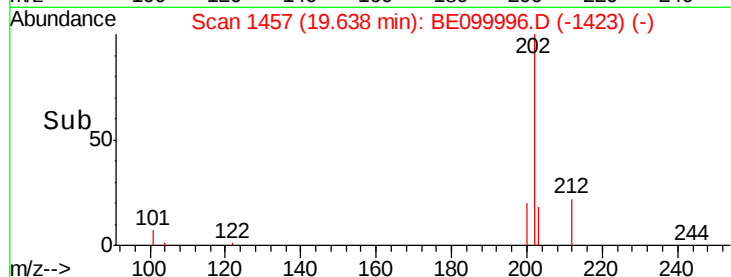
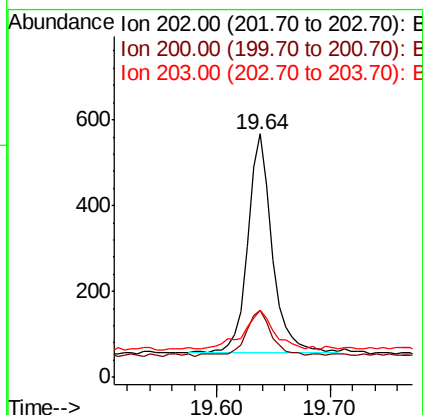
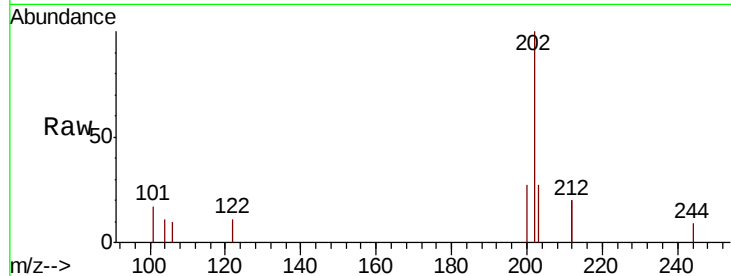




#28
Pyrene
Concen: 0.031 ng
RT: 19.64 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BE099996.D
Acq: 13 Jun 2019 18:59

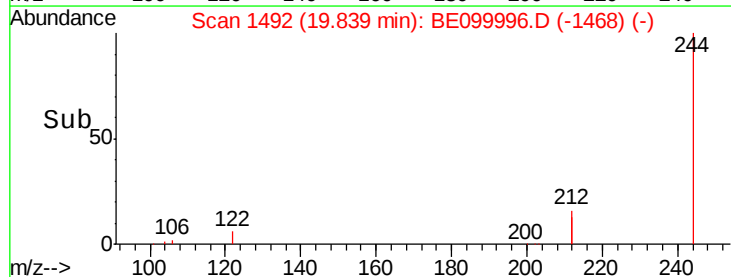
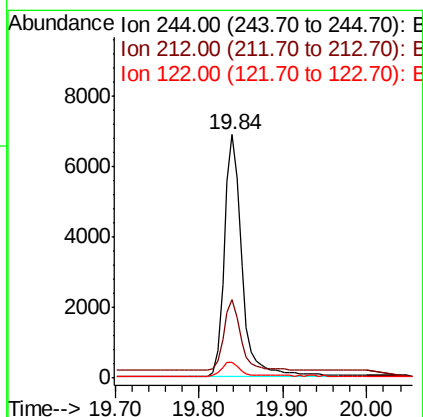
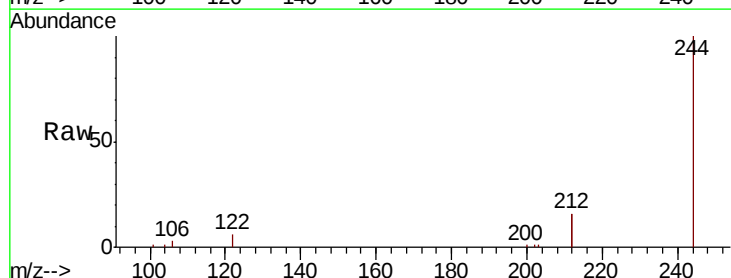
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30212-20190607

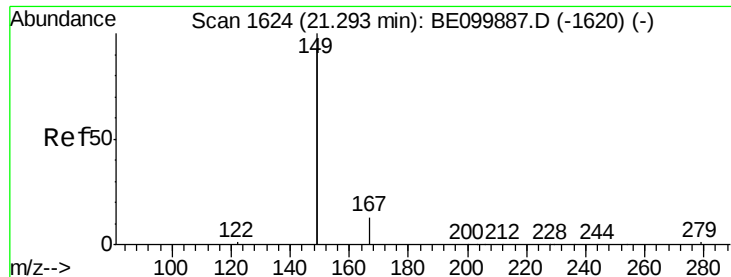
Tgt Ion: 202 Resp: 776
Ion Ratio Lower Upper
202 100
200 21.9 15.5 23.3
203 23.8 14.0 21.0#



#29
Terphenyl-d14
Concen: 0.579 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BE099996.D
Acq: 13 Jun 2019 18:59

Tgt Ion: 244 Resp: 9997
Ion Ratio Lower Upper
244 100
212 32.1 25.7 38.5
122 6.4 5.5 8.3





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.109 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099996.D

Acq: 13 Jun 2019 18:59

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30212-20190607

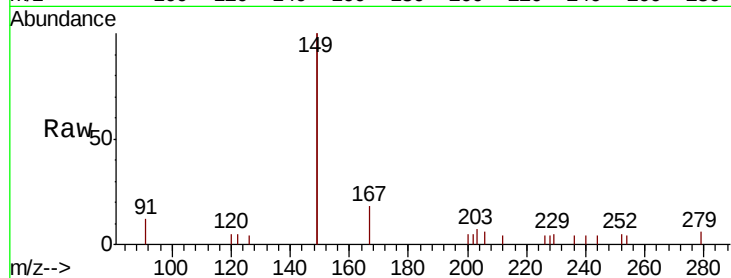
Tgt Ion:149 Resp: 4467

Ion Ratio Lower Upper

149 100

167 7.1 5.9 8.9

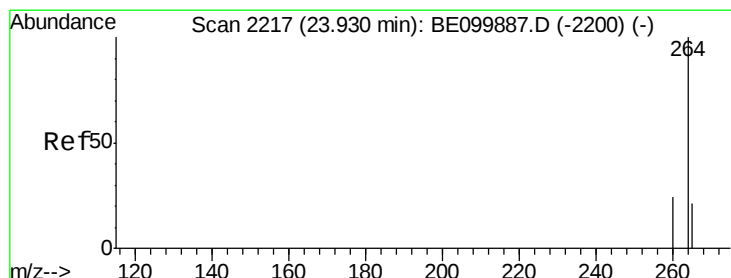
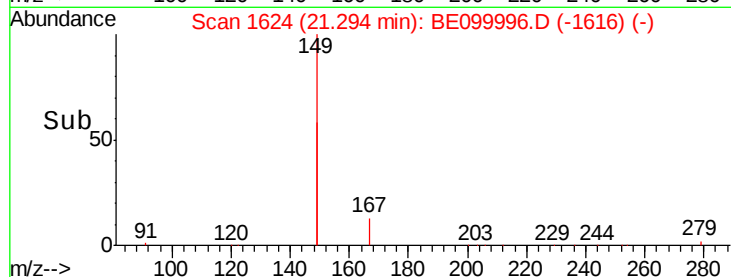
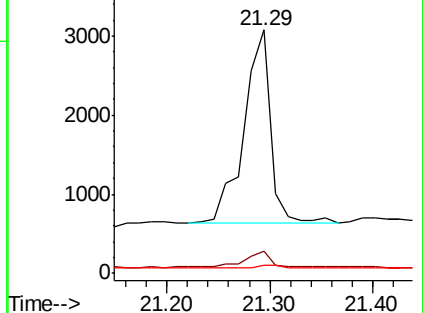
279 2.0 1.2 1.8#



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: 23.92 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BE099996.D

Acq: 13 Jun 2019 18:59

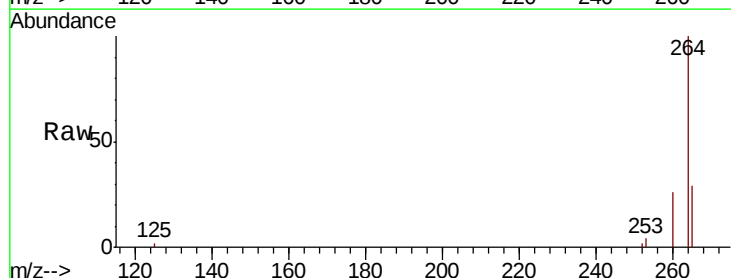
Tgt Ion:264 Resp: 11234

Ion Ratio Lower Upper

264 100

260 26.2 20.2 30.2

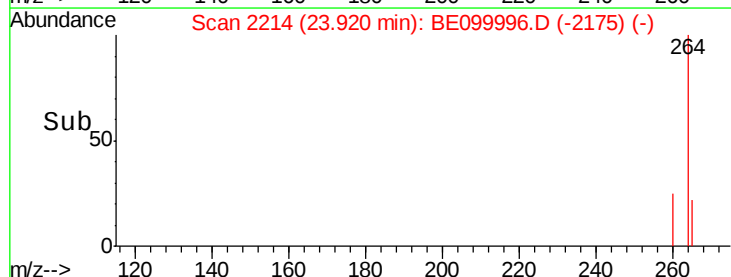
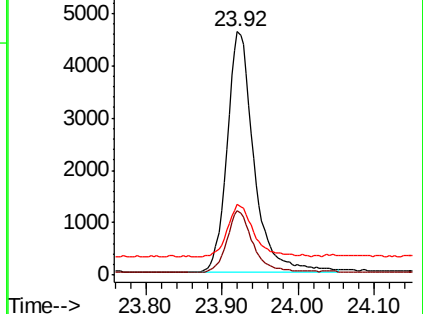
265 28.8 22.0 33.0

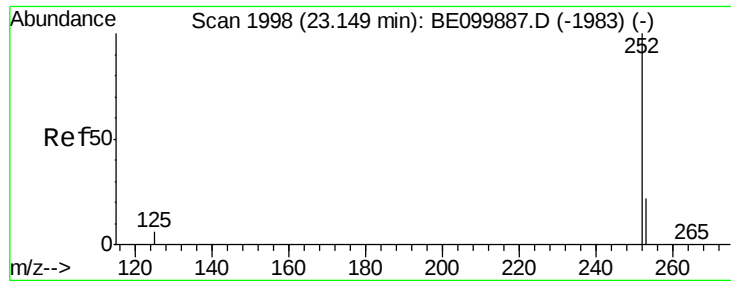


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

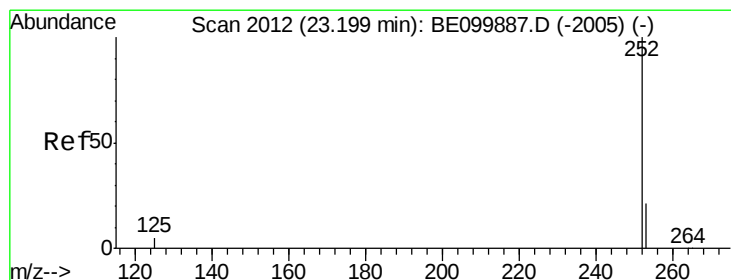
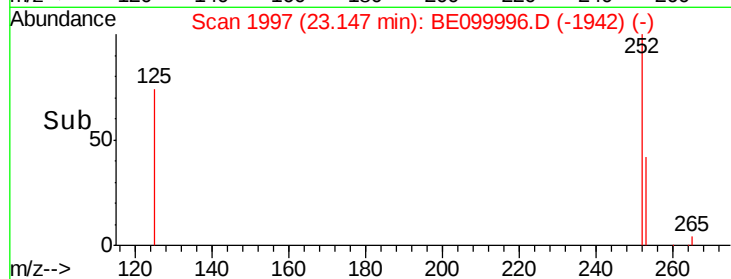
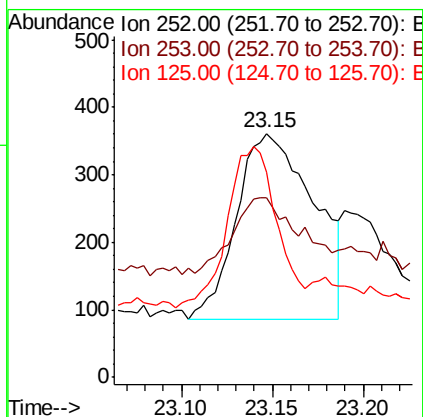
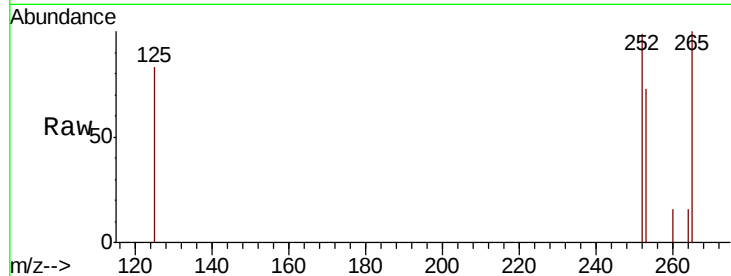




#35
Benzo(b)fluoranthene
Concen: 0.026 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE099996.D
Acq: 13 Jun 2019 18:59

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30212-20190607

Tgt Ion: 252 Resp: 815
Ion Ratio Lower Upper
252 100
253 73.7 18.7 28.1#
125 84.2 5.7 8.5#



#36
Benzo(k)fluoranthene
Concen: 0.025 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.05 min
Lab File: BE099996.D
Acq: 13 Jun 2019 18:59

Tgt Ion: 252 Resp: 815
Ion Ratio Lower Upper
252 100
253 73.7 18.6 28.0#
125 84.2 5.4 8.0#

