

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051019\
 Data File : BE099602.D
 Acq On : 10 May 2019 17:07
 Operator : JU/SJ
 Sample : K2781-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-WK-2

Quant Time: May 23 04:25:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 09 13:32:58 2019
 Response via : Initial Calibration

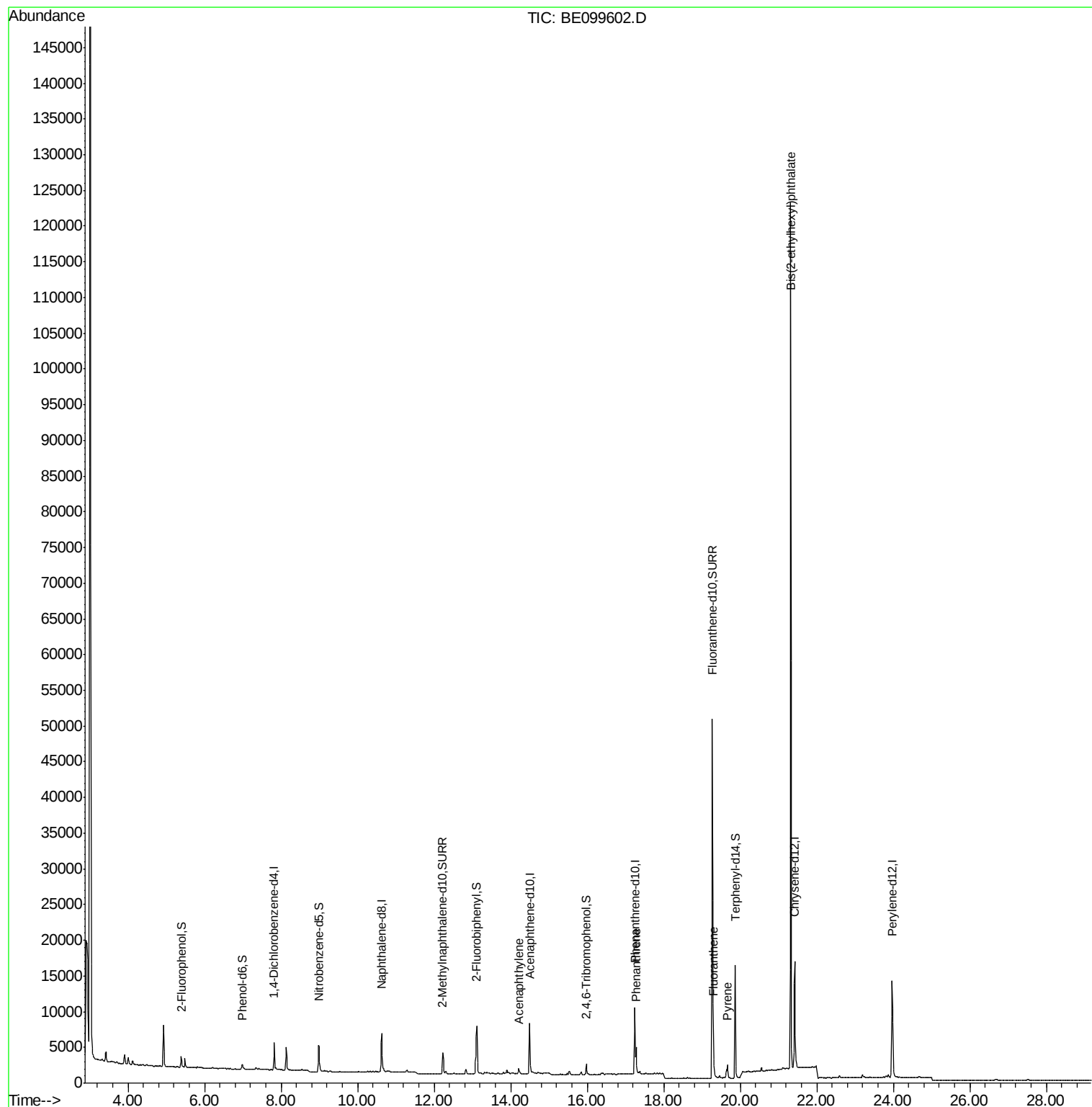
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2082	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	7413	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	5090	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	14537	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17987	0.40	ng	0.00
34) Perylene-d12	23.97	264	20879	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	889	0.16	ng	0.00
5) Phenol-d6	6.99	99	782	0.10	ng	0.00
8) Nitrobenzene-d5	8.98	82	2161	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4379	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1039	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	7229	0.37	ng	0.00
25) Fluoranthene-d10	19.27	212	70947	0.37	ng	0.00
29) Terphenyl-d14	19.87	244	15384	0.48	ng	0.00
Target Compounds						Qvalue
16) Acenaphthylene	14.21	152	837	0.034	ng	93
23) Phenanthrene	17.28	178	3900	0.108	ng	99
26) Fluoranthene	19.30	202	1563	0.029	ng	# 96
28) Pyrene	19.66	202	1886	0.040	ng	98
32) Bis(2-ethylhexyl)phthalate	21.32	149	130654	1.655	ng	100

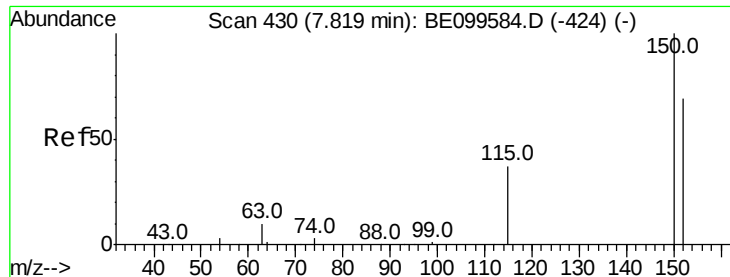
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051019\
Data File : BE099602.D
Acq On : 10 May 2019 17:07
Operator : JU/SJ
Sample : K2781-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

Quant Time: May 23 04:25:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 09 13:32:58 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-2

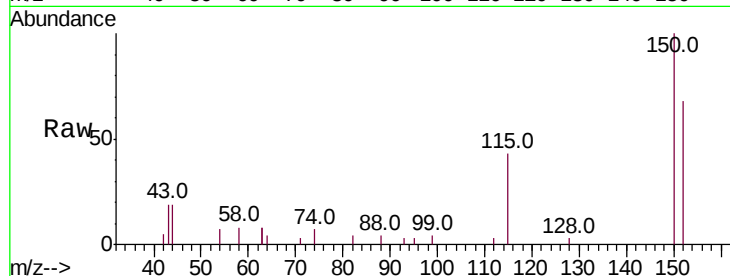
Tot Ion:152 Resp: 2082

Ion Ratio Lower Upper

152 100

150 146.8 114.2 171.4

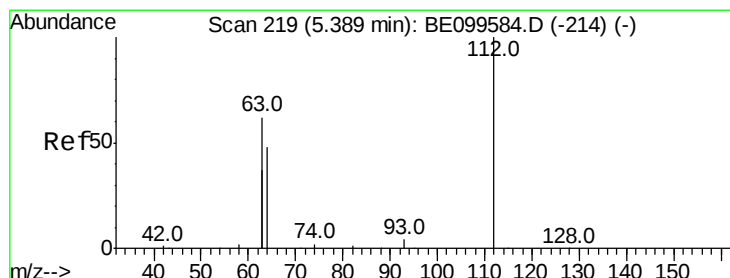
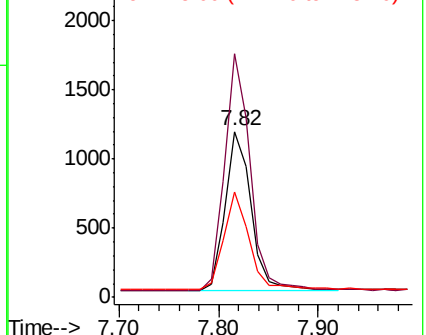
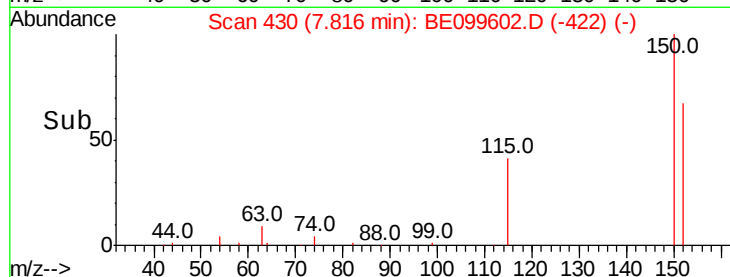
115 63.2 45.4 68.0



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



#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

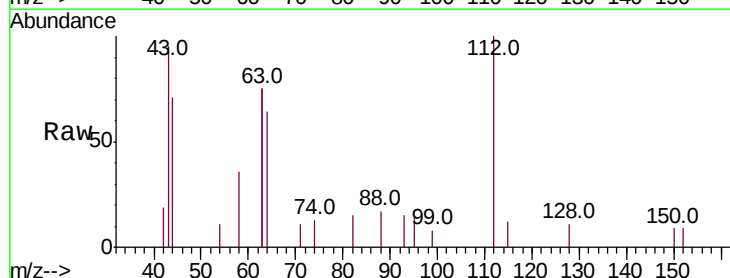
Tgt Ion:112 Resp: 889

Ion Ratio Lower Upper

112 100

64 61.4 46.2 69.4

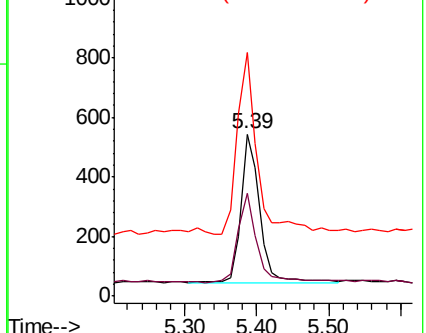
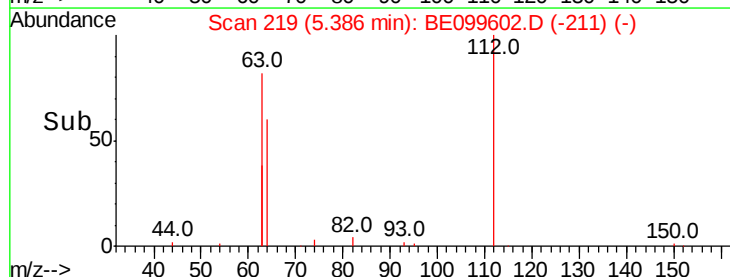
63 135.9 100.2 150.4

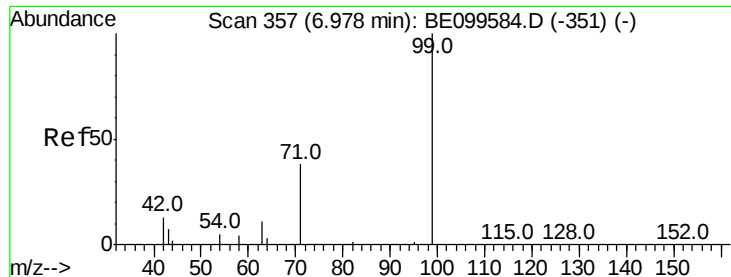


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.105 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-2

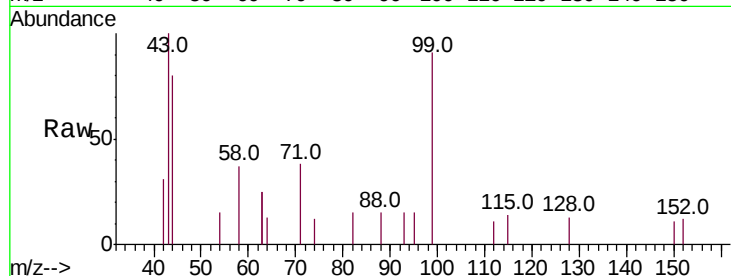
Tot Ion: 99 Resp: 782

Ion Ratio Lower Upper

99 100

42 18.9 13.8 20.8

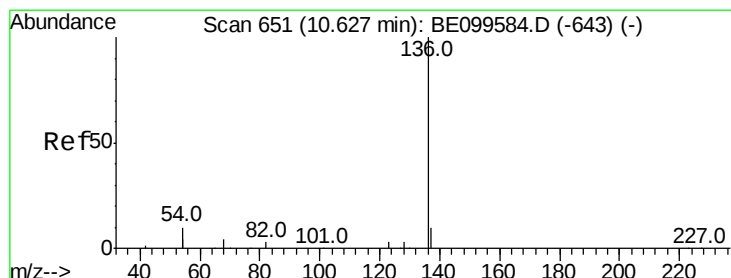
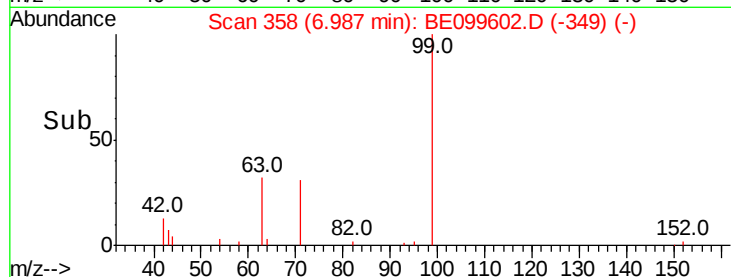
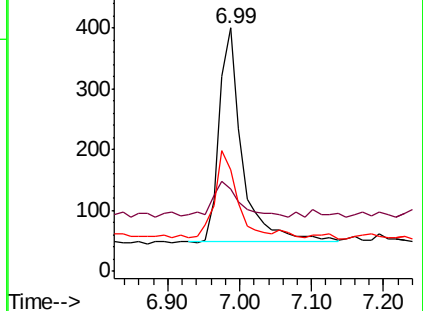
71 38.7 32.2 48.4



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: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

Tgt Ion: 136 Resp: 7413

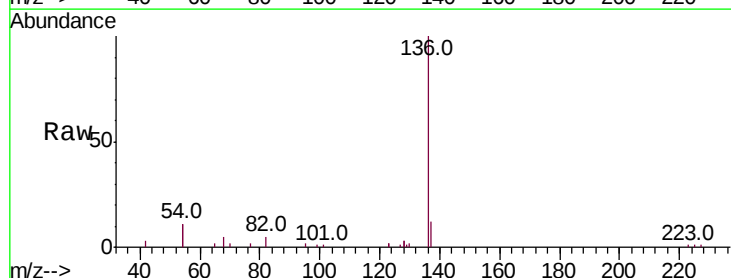
Ion Ratio Lower Upper

136 100

137 12.0 9.1 13.7

54 21.9 16.5 24.7

68 5.3 4.5 6.7

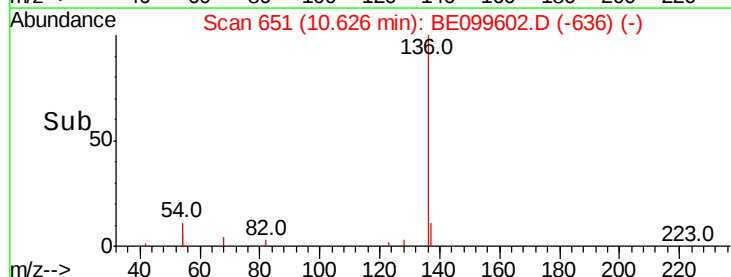
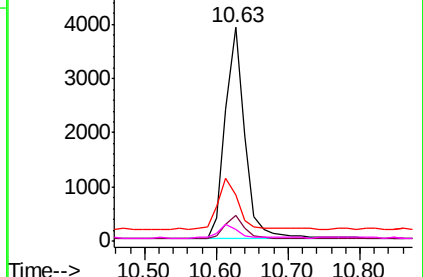


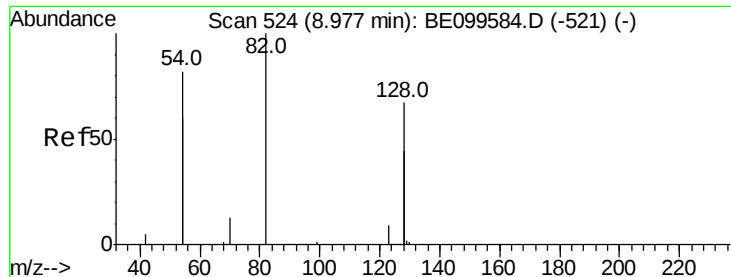
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.311 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-2

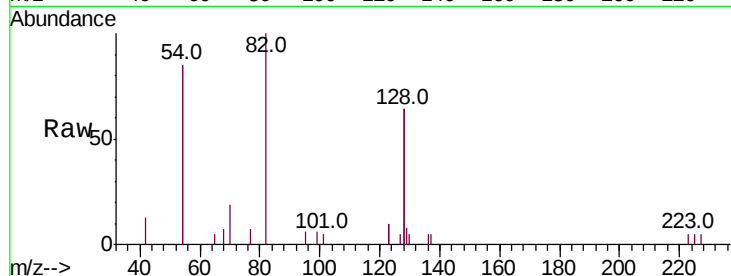
Tot Ion: 82 Resp: 2161

Ion Ratio Lower Upper

82 100

128 127.6 101.5 152.3

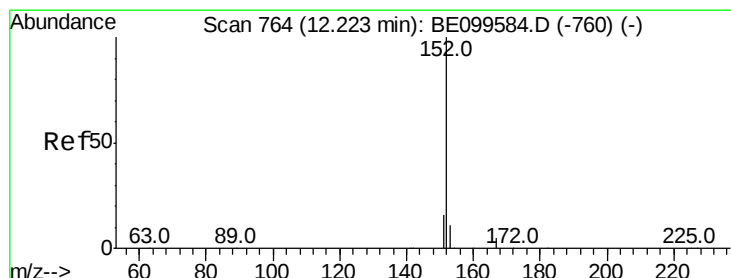
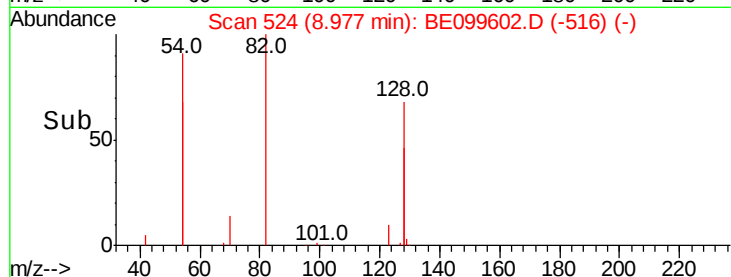
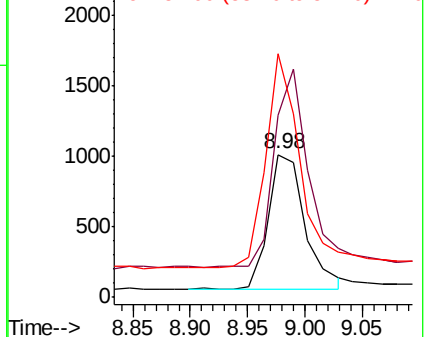
54 170.7 123.8 185.6



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.353 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099602.D

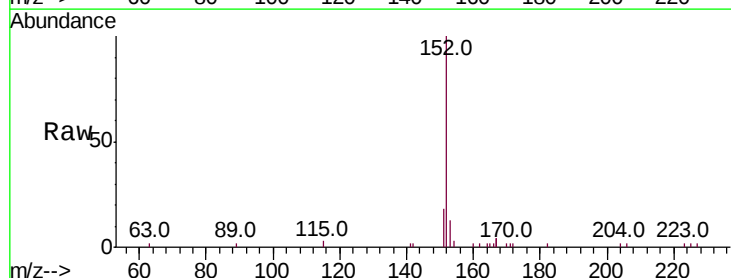
Acq: 10 May 2019 17:07

Tgt Ion: 152 Resp: 4379

Ion Ratio Lower Upper

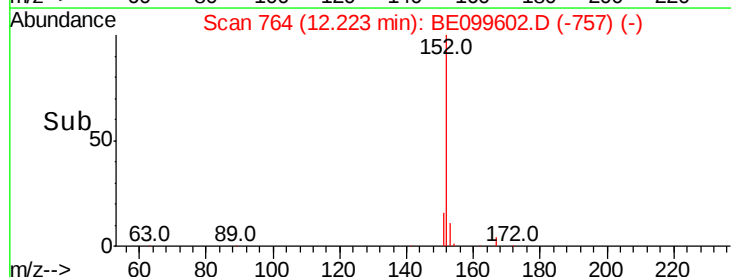
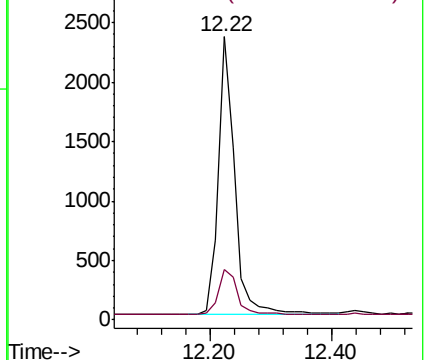
152 100

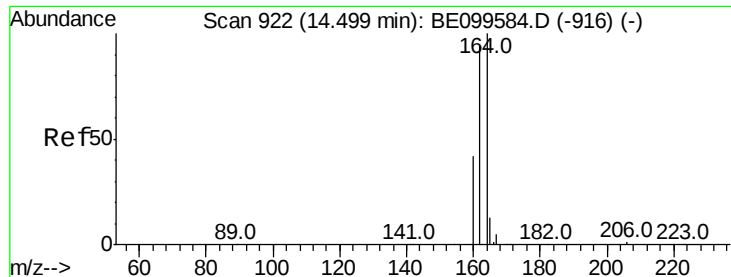
151 19.4 16.2 24.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

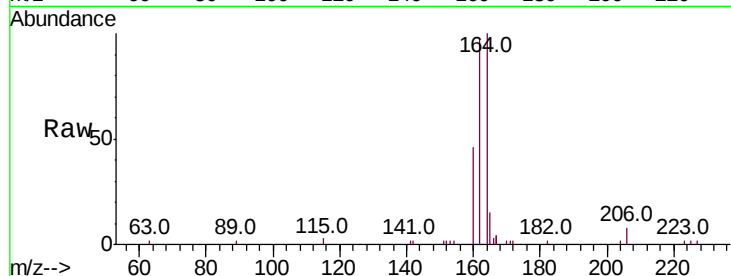




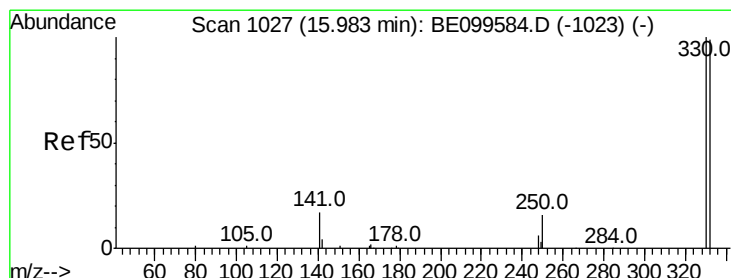
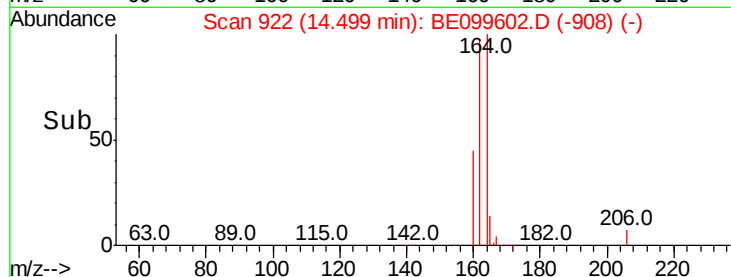
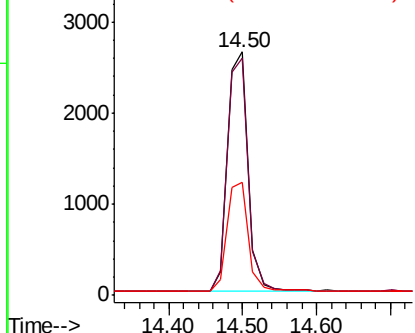
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BE099602.D
 Acq: 10 May 2019 17:07

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-WK-2

Tot Ion:164 Resp: 5090
 Ion Ratio Lower Upper
 164 100
 162 97.4 75.3 112.9
 160 46.2 34.7 52.1

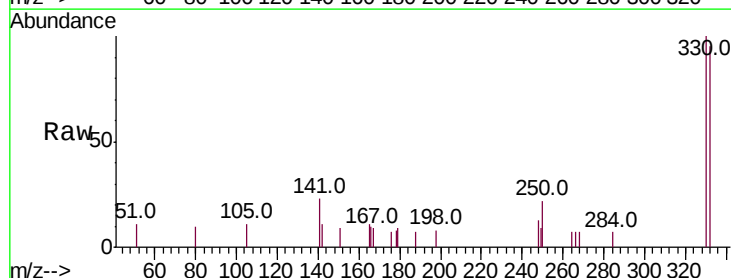


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

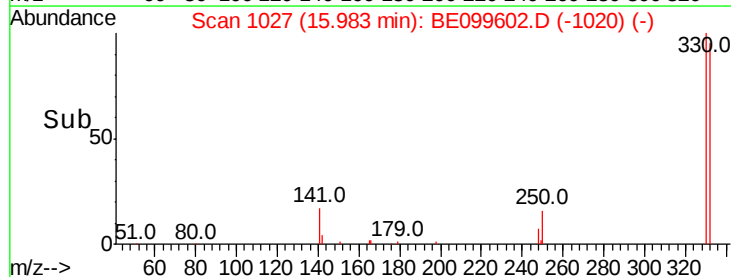
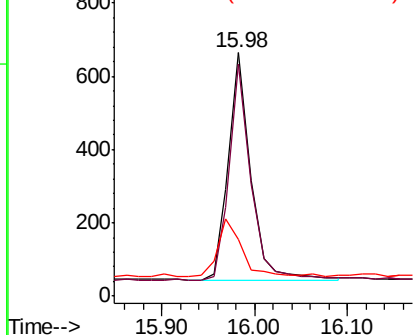


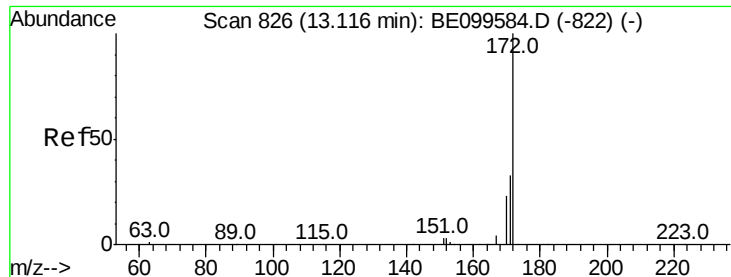
#14
 2,4,6-Tribromophenol
 Concen: 0.344 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE099602.D
 Acq: 10 May 2019 17:07

Tgt Ion:330 Resp: 1039
 Ion Ratio Lower Upper
 330 100
 332 92.3 78.7 118.1
 141 25.7 22.3 33.5



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

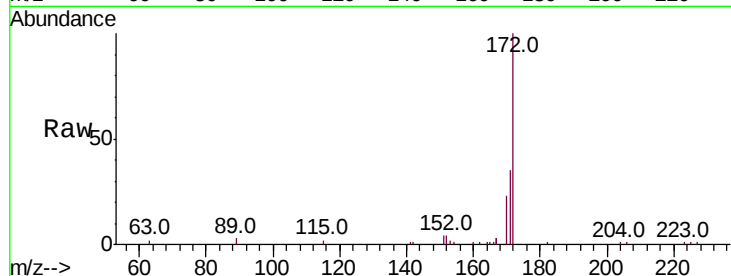




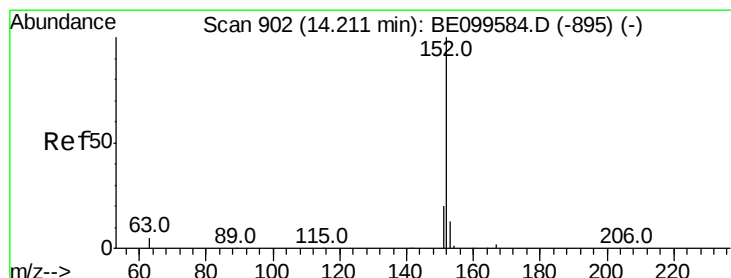
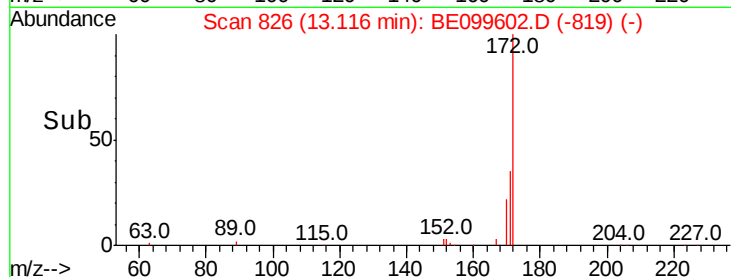
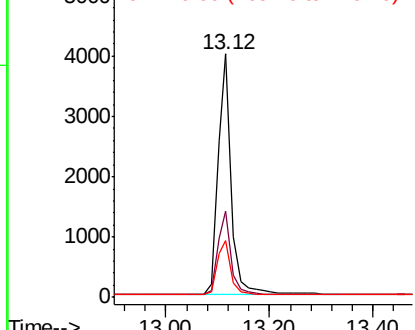
#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

Tot Ion:172 Resp: 7229
Ion Ratio Lower Upper
172 100
171 35.3 27.5 41.3
170 23.4 19.1 28.7

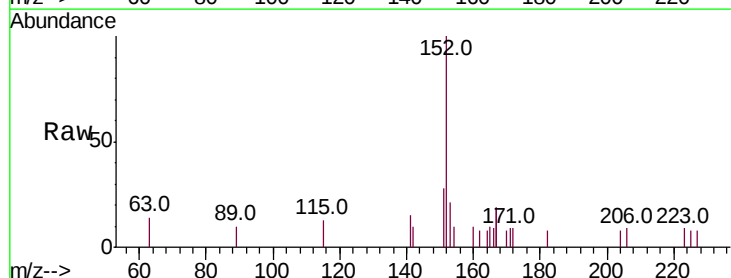


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

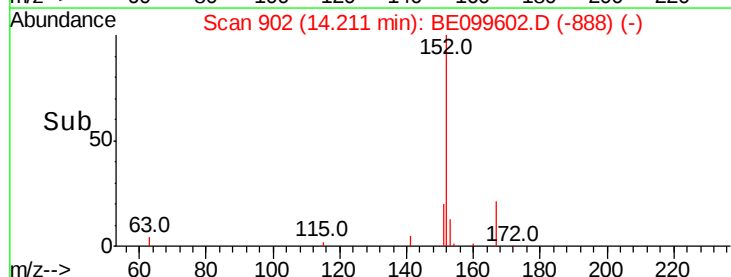
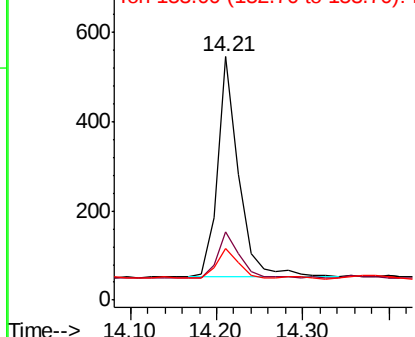


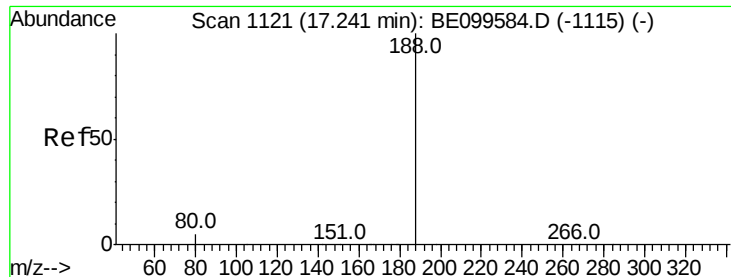
#16
Acenaphthylene
Concen: 0.034 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Tgt Ion:152 Resp: 837
Ion Ratio Lower Upper
152 100
151 23.1 15.5 23.3
153 14.8 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

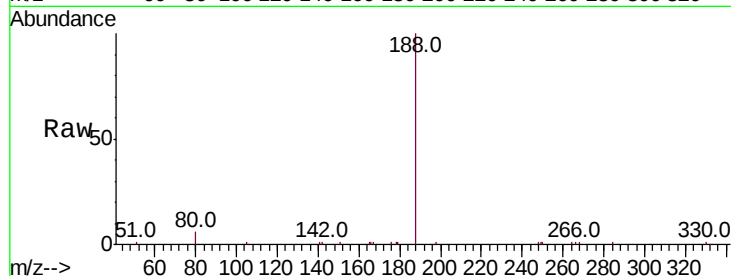




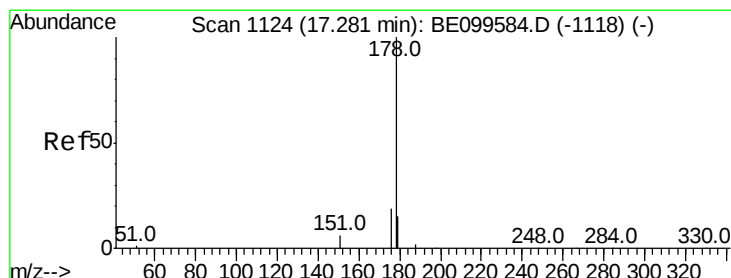
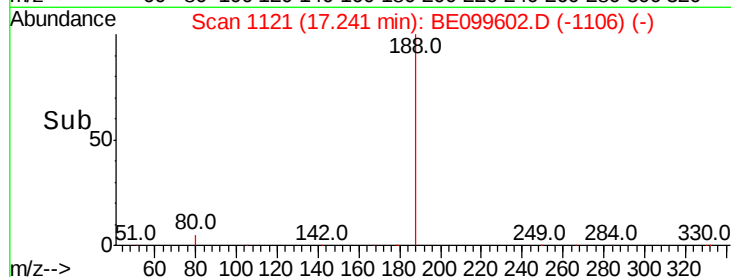
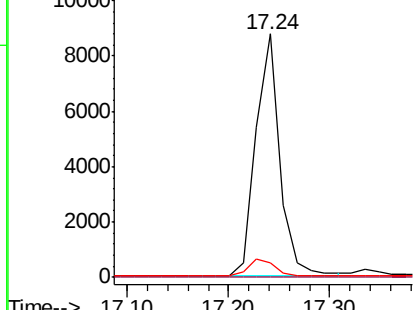
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

Tot Ion:188 Resp: 14537
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.1 4.4 6.6

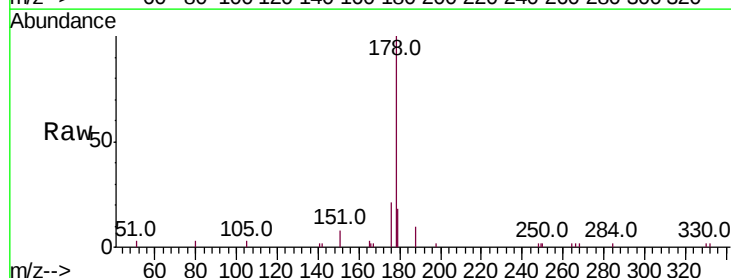


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

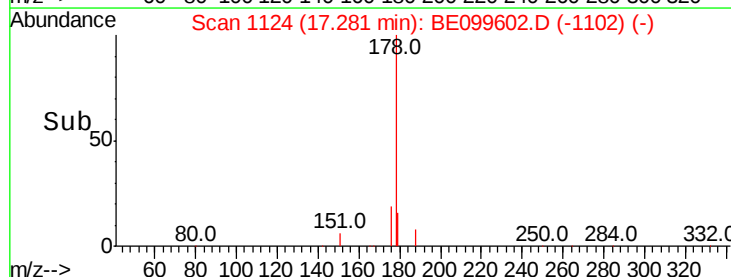
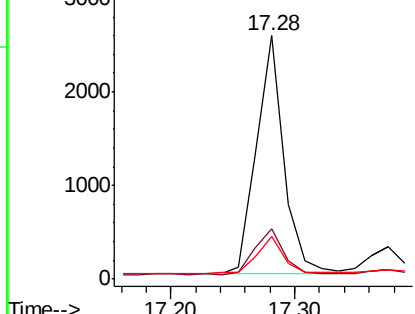


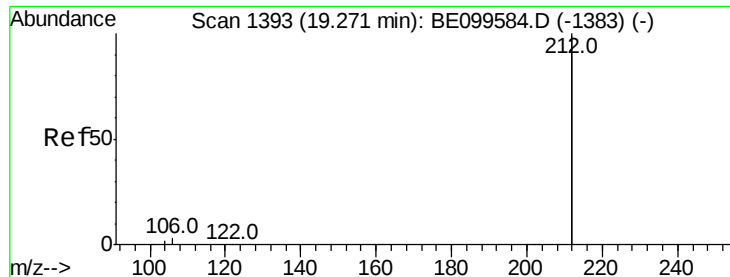
#23
Phenanthrene
Concen: 0.108 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Tgt Ion:178 Resp: 3900
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.5 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-2

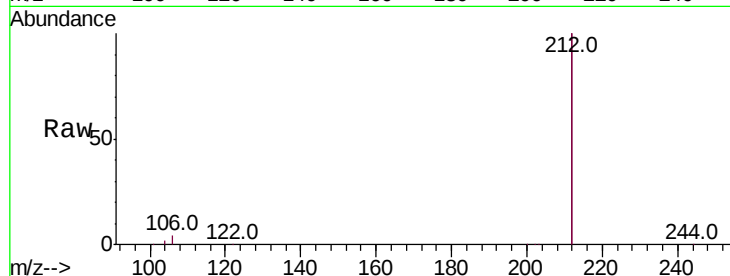
Tot Ion:212 Resp: 70947

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

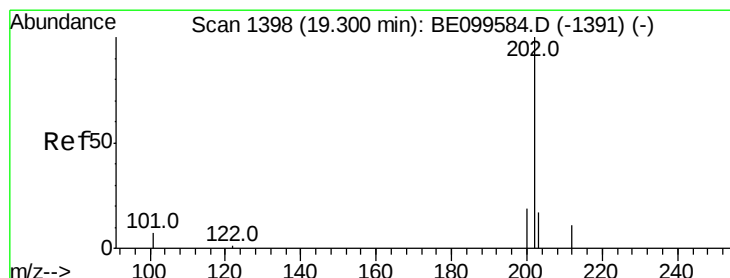
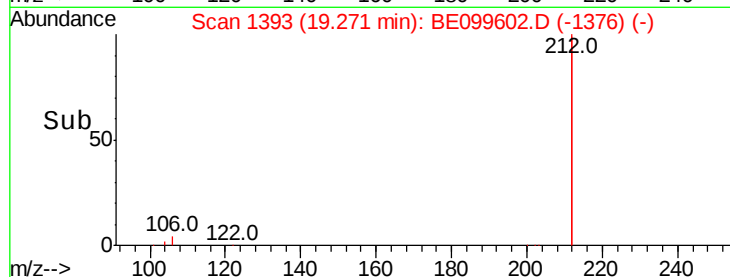
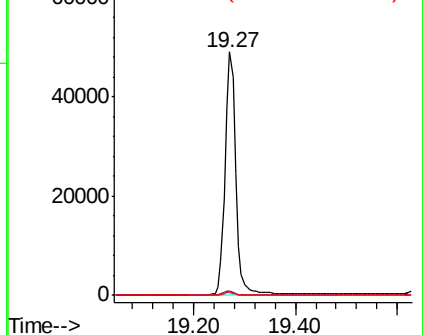
104 1.1 0.9 1.3



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.029 ng

RT: 19.30 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

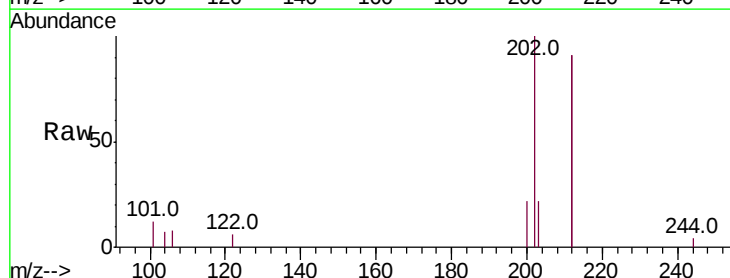
Tgt Ion:202 Resp: 1563

Ion Ratio Lower Upper

202 100

101 8.5 5.4 8.2#

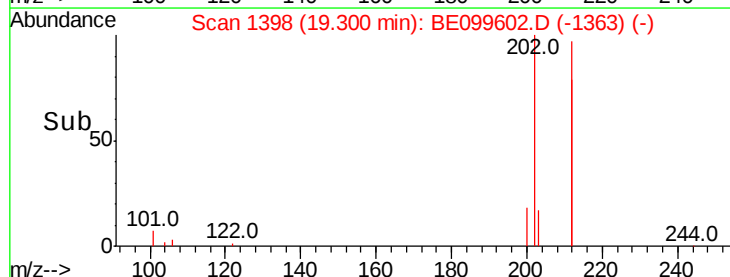
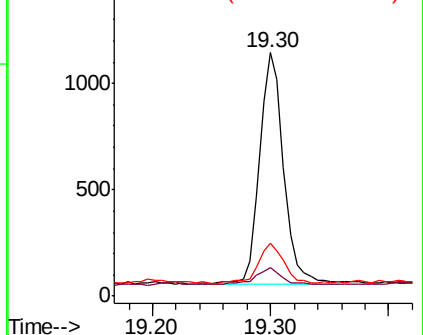
203 18.8 13.7 20.5

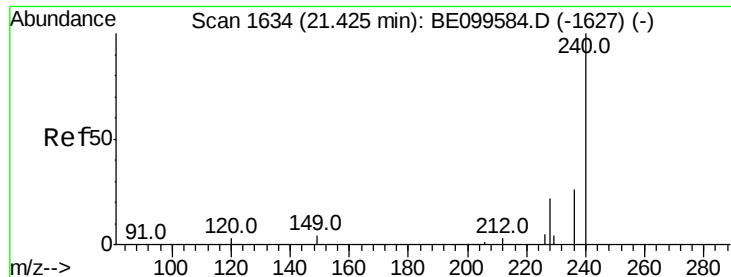


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-2

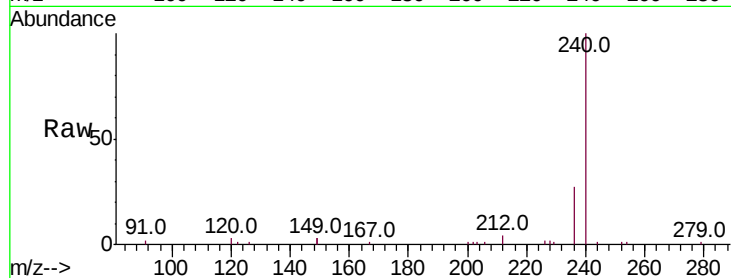
Tot Ion:240 Resp: 17987

Ion Ratio Lower Upper

240 100

120 3.4 3.2 4.8

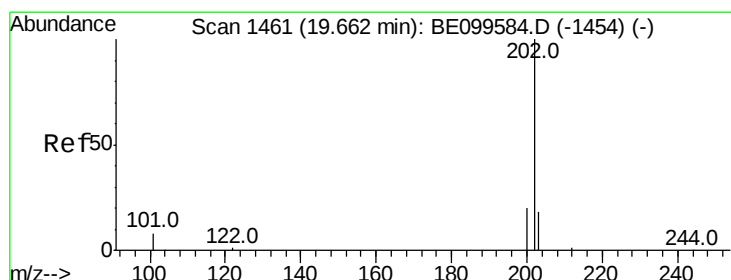
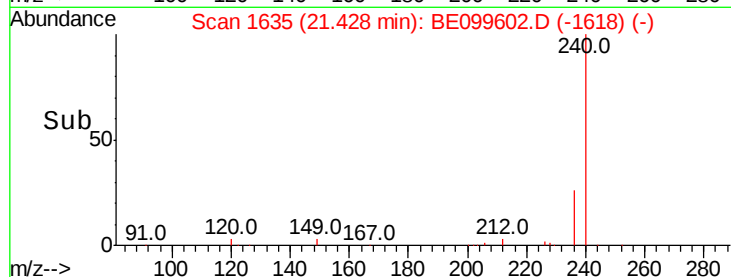
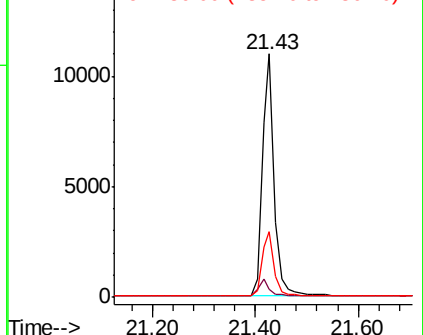
236 26.9 21.0 31.6



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



#28

Pyrene

Concen: 0.040 ng

RT: 19.66 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

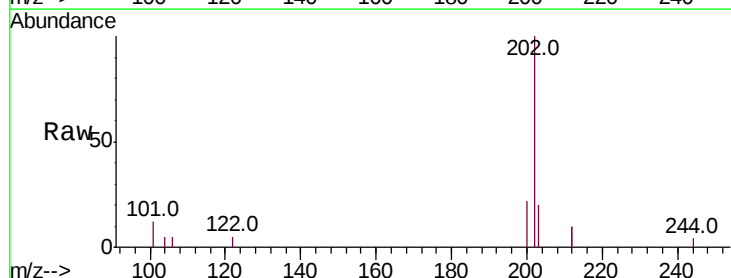
Tgt Ion:202 Resp: 1886

Ion Ratio Lower Upper

202 100

200 19.7 15.9 23.9

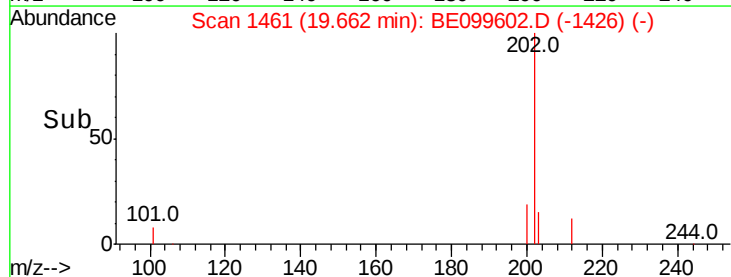
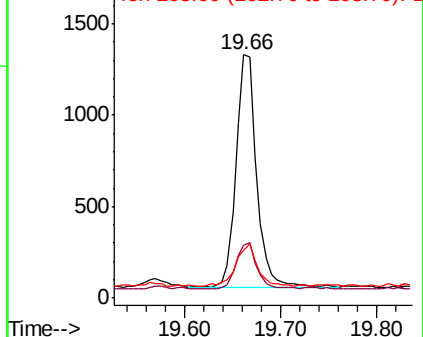
203 19.4 14.1 21.1

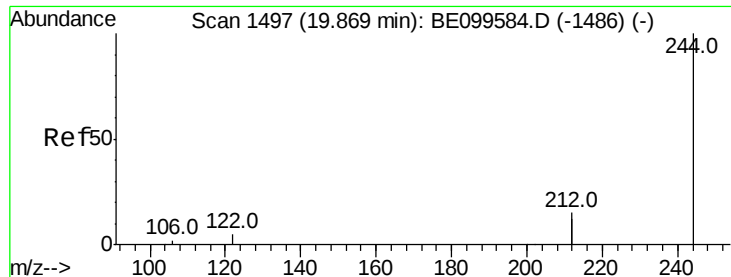


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.481 ng

RT: 19.87 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-WK-2

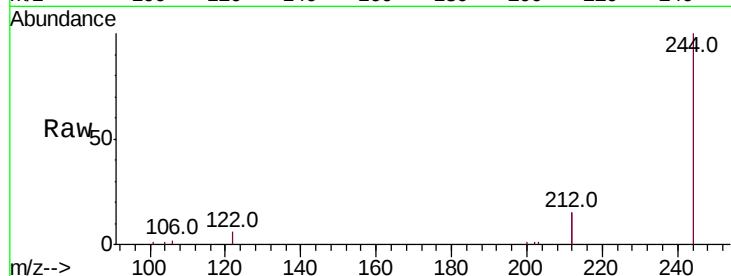
Tot Ion:244 Resp: 15384

Ion Ratio Lower Upper

244 100

212 29.3 24.4 36.6

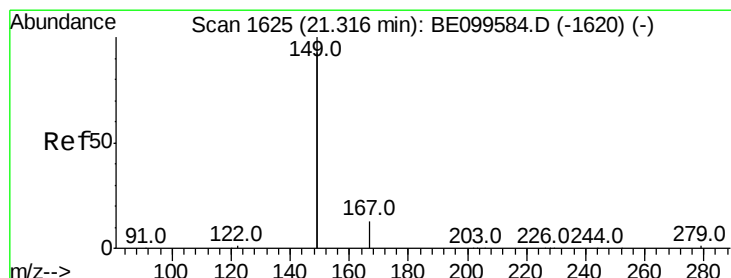
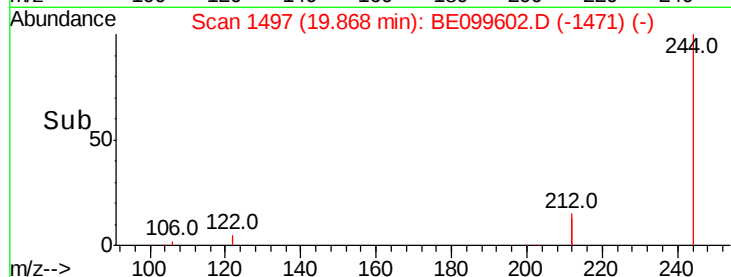
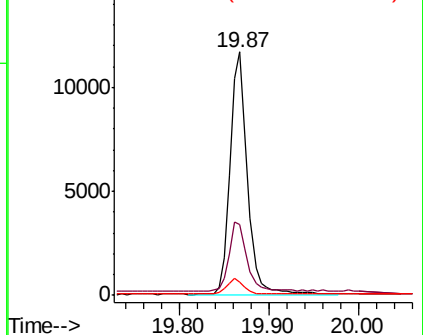
122 5.6 4.6 6.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.655 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099602.D

Acq: 10 May 2019 17:07

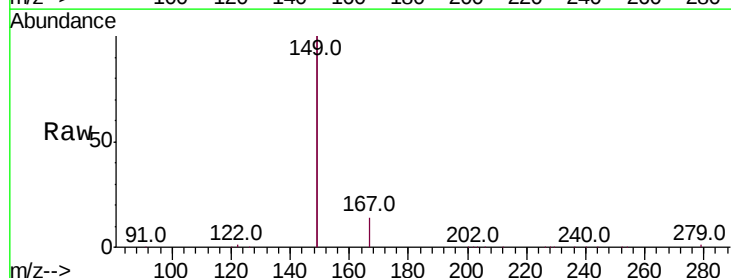
Tgt Ion:149 Resp: 130654

Ion Ratio Lower Upper

149 100

167 7.4 6.0 9.0

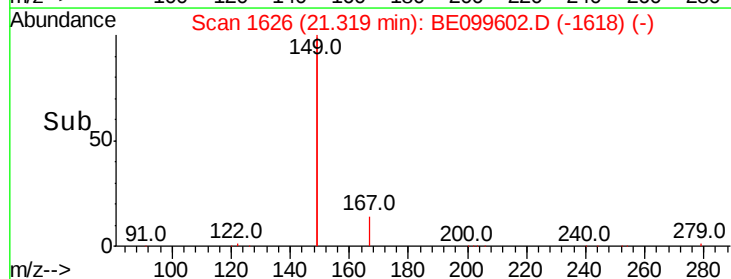
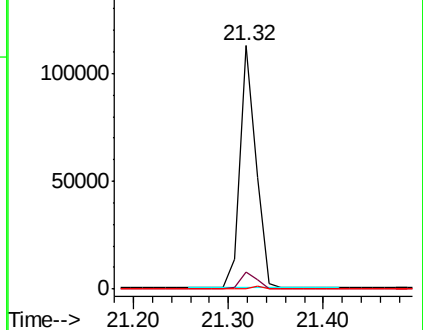
279 1.3 1.1 1.7

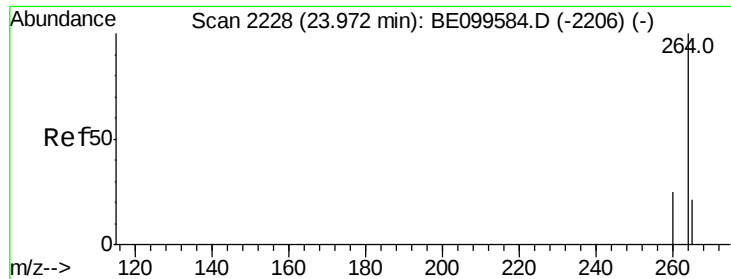


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
Pervlone-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BE099602.D
Acq: 10 May 2019 17:07

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-WK-2

Tot Ion: 264 Resp: 20879
Ion Ratio Lower Upper
264 100
260 25.1 20.3 30.5
265 24.5 20.9 31.3

