

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
 Data File : BE100669.D
 Acq On : 23 Oct 2019 19:43
 Operator : JU
 Sample : K5398-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-191015

Quant Time: Oct 24 04:36:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

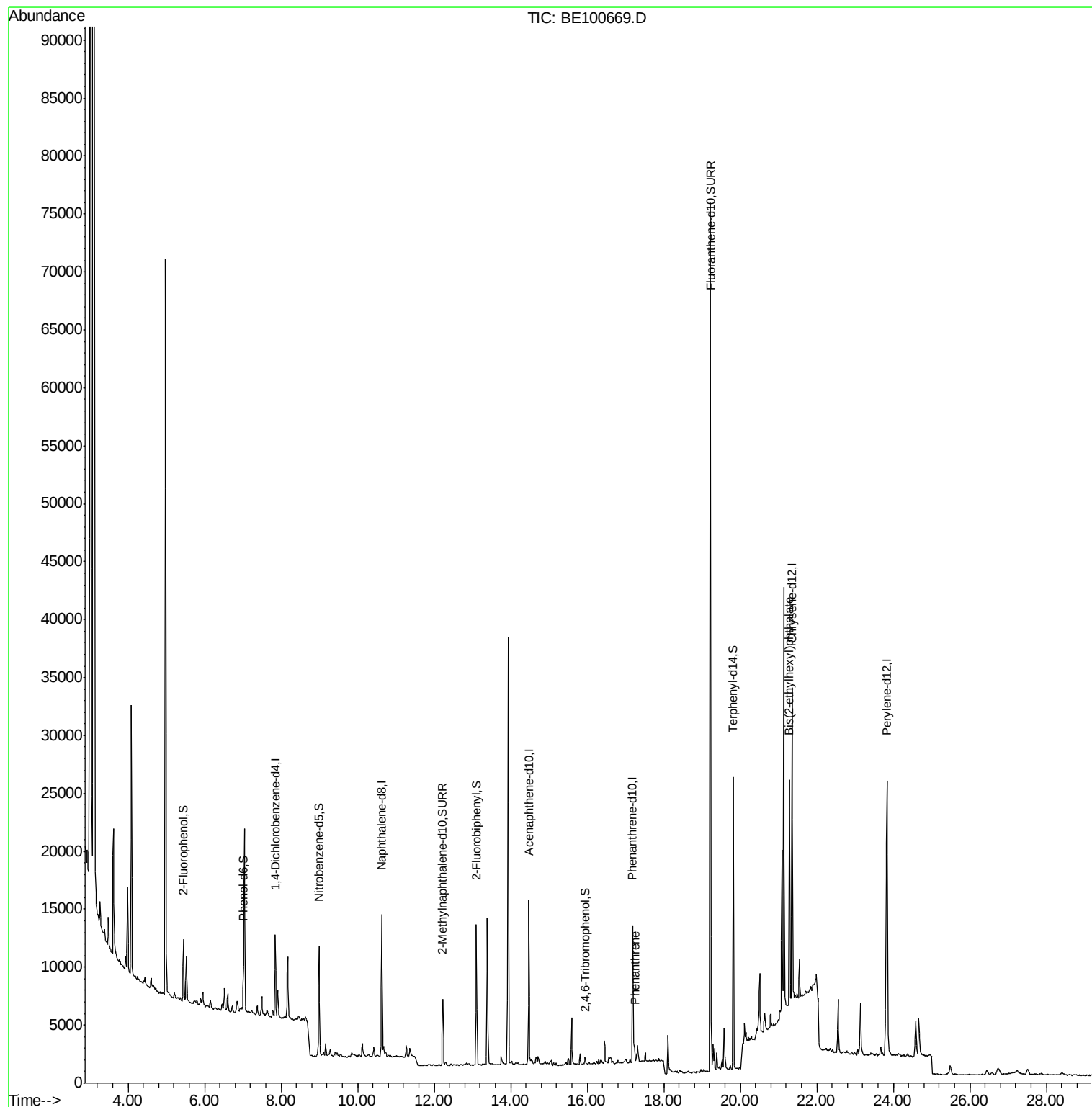
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3296	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	13403	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	8071	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	18765	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	27670	0.40	ng	0.00
34) Perylene-d12	23.83	264	35928	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	2554	0.25	ng	0.00
5) Phenol-d6	7.01	99	2585	0.18	ng	0.00
8) Nitrobenzene-d5	8.99	82	3651	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	7404	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	360	0.17	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	10840	0.37	ng	0.00
25) Fluoranthene-d10	19.22	212	100532	0.42	ng	0.00
29) Terphenyl-d14	19.82	244	21663	0.36	ng	0.00
Target Compounds						
23) Phenanthrene	17.24	178	1395	0.027	ng	Qvalue # 90
32) Bis(2-ethylhexyl)phthalate	21.28	149	27245	0.144	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102319\
Data File : BE100669.D
Acq On : 23 Oct 2019 19:43
Operator : JU
Sample : K5398-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-191015

Quant Time: Oct 24 04:36:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration



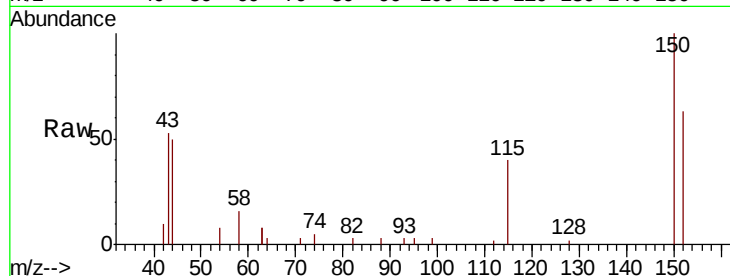


#1

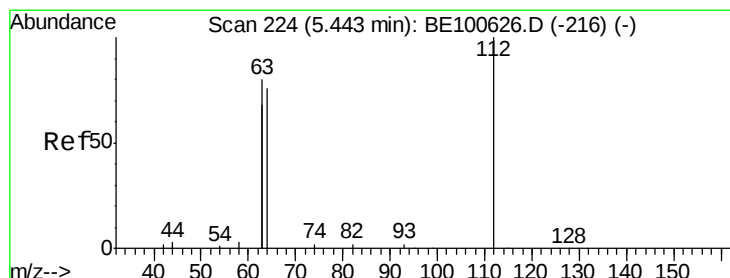
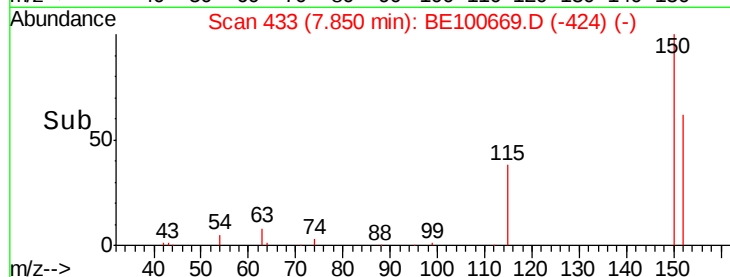
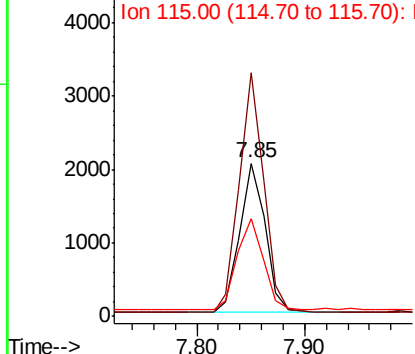
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100669.D
Acq: 23 Oct 2019 19:43

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-191015

Tot Ion:152 Resp: 3296
Ion Ratio Lower Upper
152 100
150 159.3 123.3 184.9
115 64.0 51.9 77.9



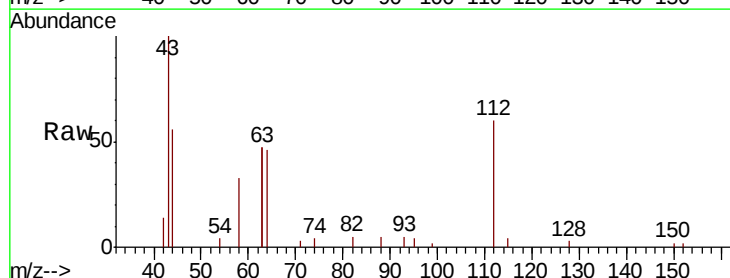
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



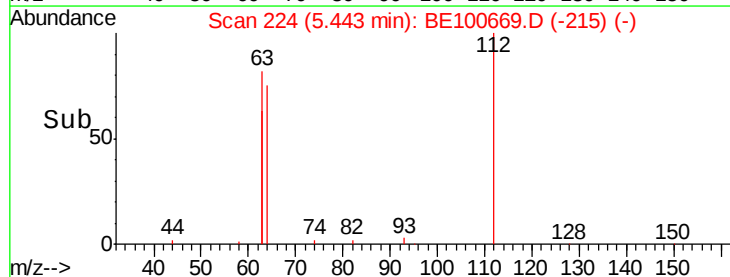
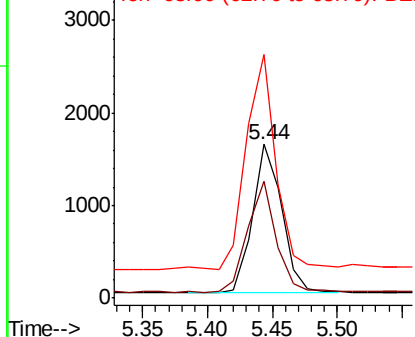
#4

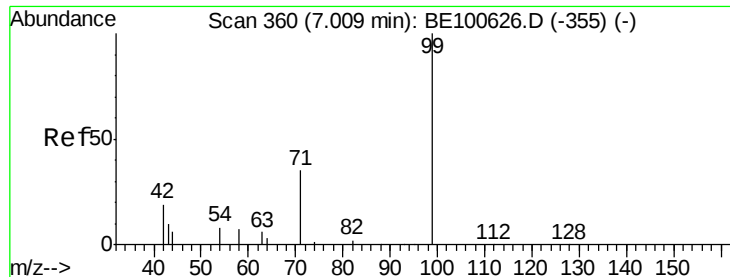
2-Fluorophenol
Concen: 0.251 ng
RT: 5.44 min Scan# 224
Delta R.T. 0.00 min
Lab File: BE100669.D
Acq: 23 Oct 2019 19:43

Tgt Ion:112 Resp: 2554
Ion Ratio Lower Upper
112 100
64 72.0 55.4 83.2
63 144.7 114.2 171.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.180 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191015

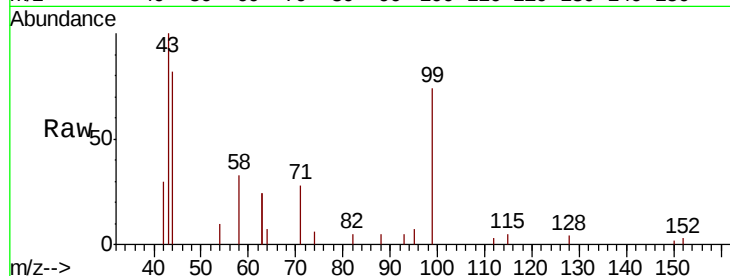
Tot Ion: 99 Resp: 2585

Ion Ratio Lower Upper

99 100

42 49.6 17.7 26.5#

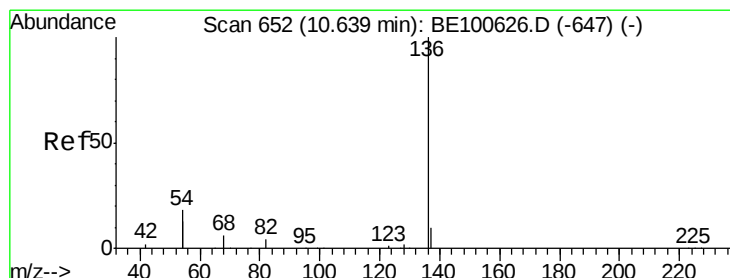
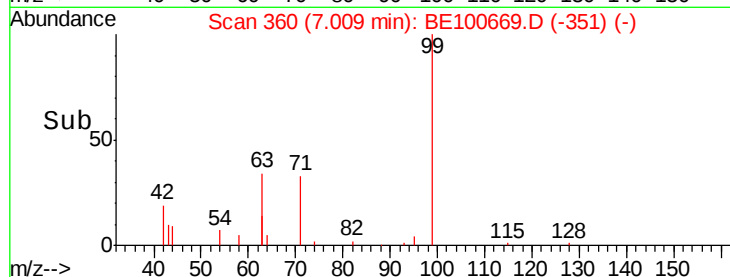
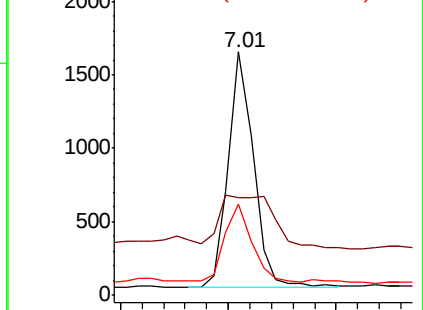
71 35.1 27.4 41.0



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

Tgt Ion: 136 Resp: 13403

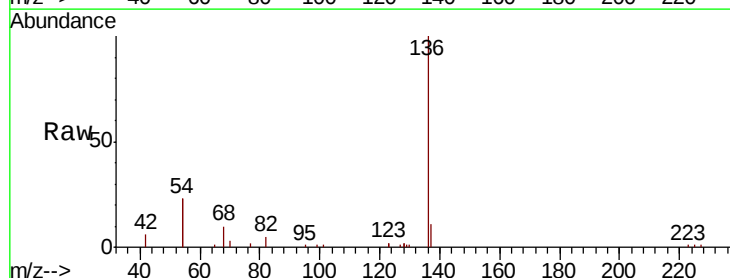
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 46.3 39.4 59.2

68 9.6 8.0 12.0

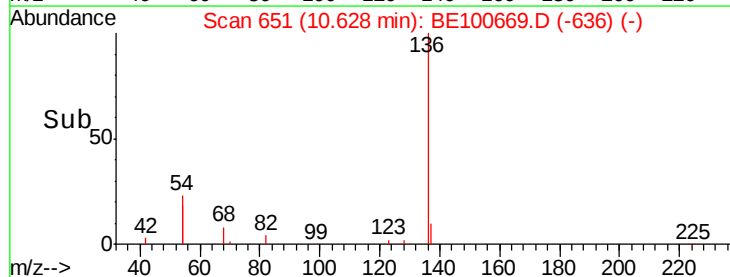
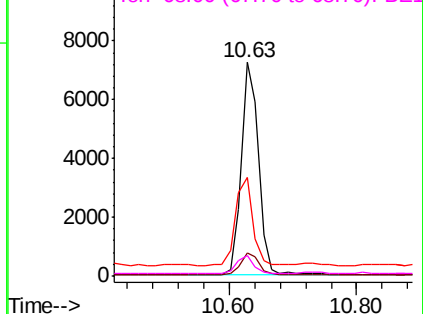


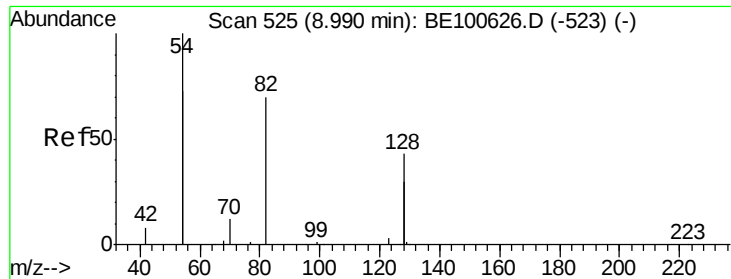
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.439 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191015

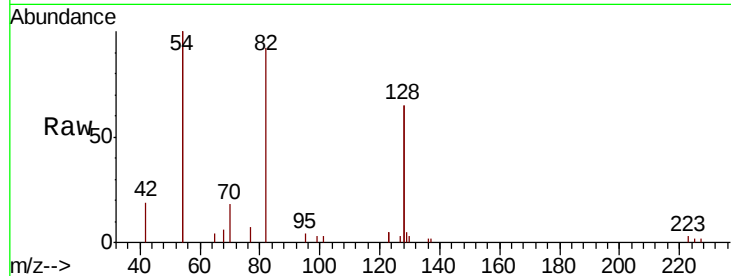
Tot Ion: 82 Resp: 3651

Ion Ratio Lower Upper

82 100

128 140.5 107.8 161.8

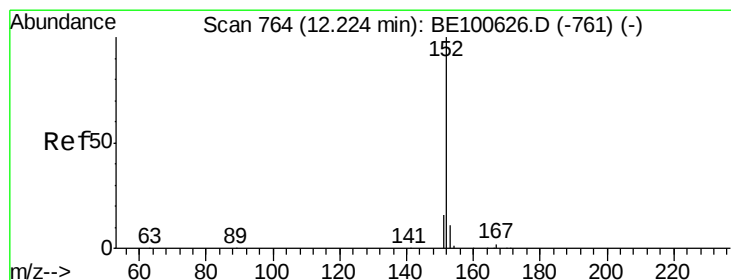
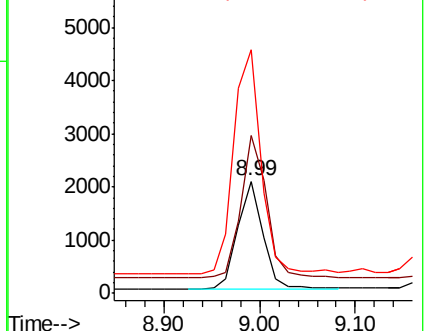
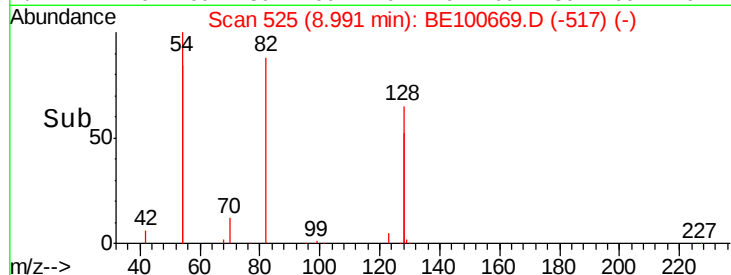
54 216.7 166.1 249.1



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.350 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100669.D

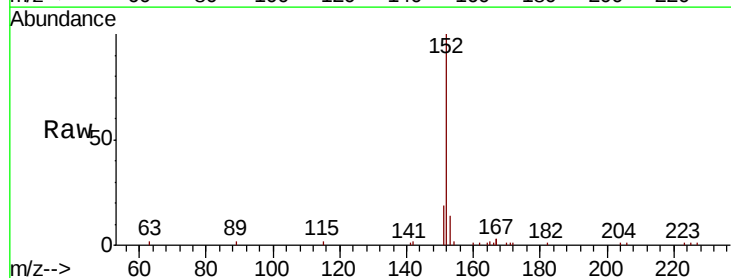
Acq: 23 Oct 2019 19:43

Tgt Ion: 152 Resp: 7404

Ion Ratio Lower Upper

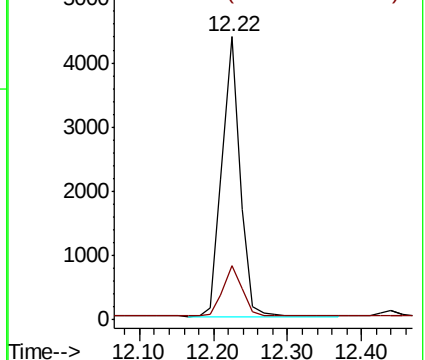
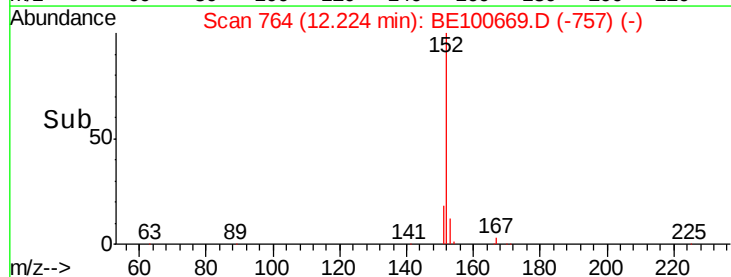
152 100

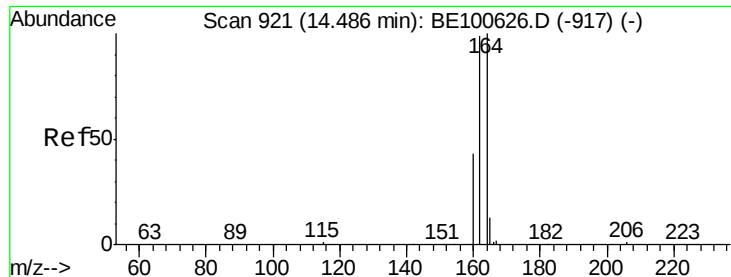
151 19.6 14.7 22.1



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: BE100669.D

Acq: 23 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191015

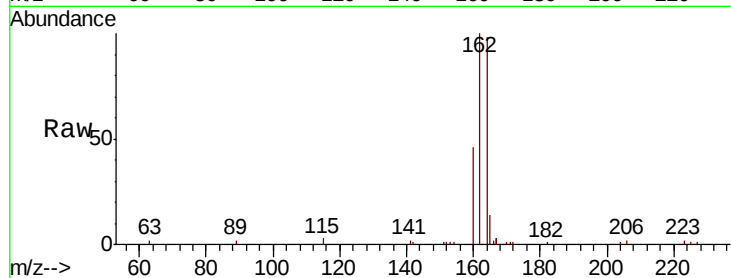
Tot Ion:164 Resp: 8071

Ion Ratio Lower Upper

164 100

162 102.0 82.0 123.0

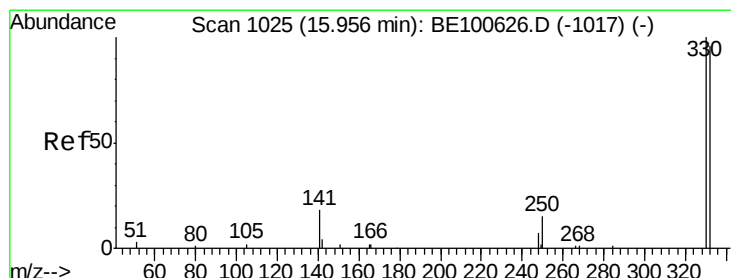
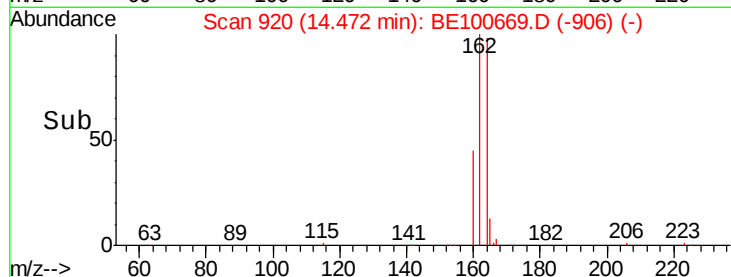
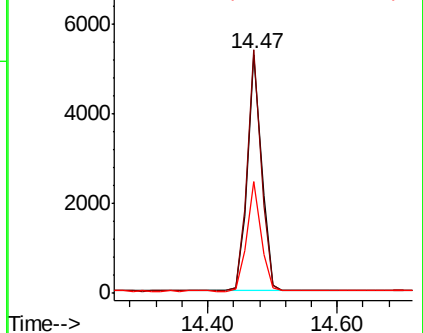
160 46.8 37.5 56.3



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: 0.169 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

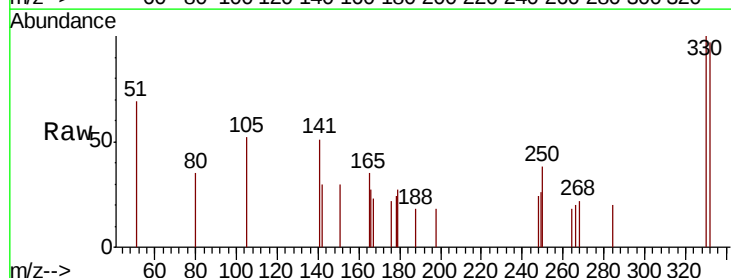
Tgt Ion:330 Resp: 360

Ion Ratio Lower Upper

330 100

332 94.2 77.9 116.9

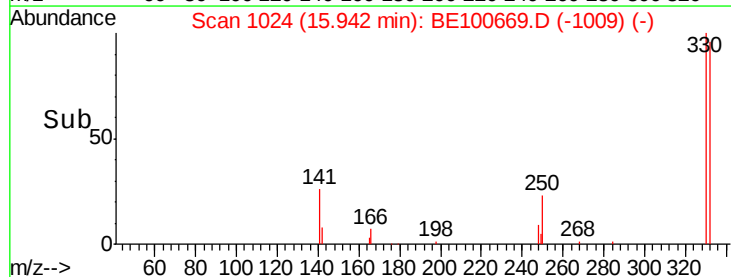
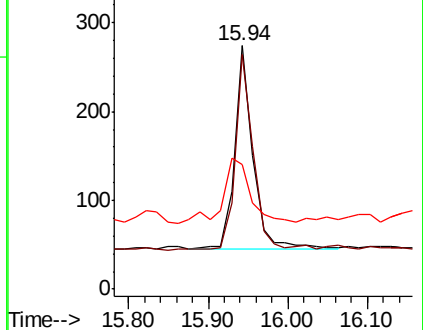
141 49.7 33.0 49.6#

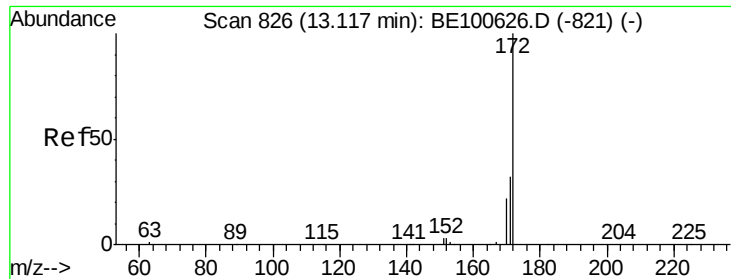


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

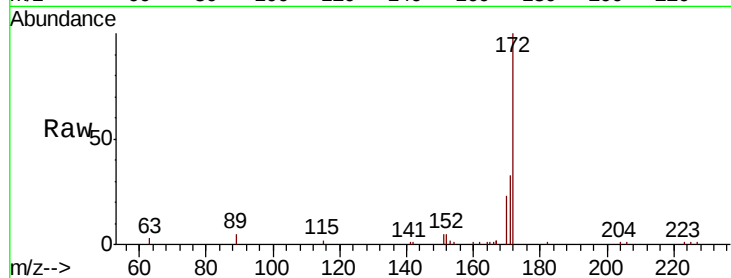




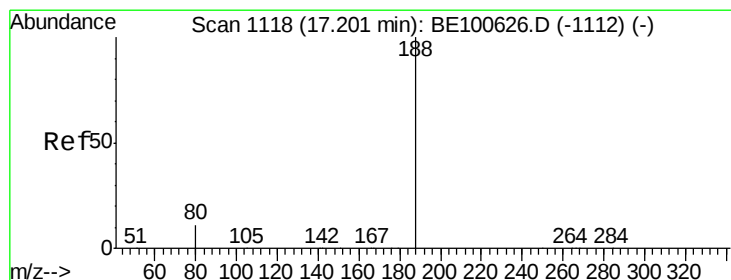
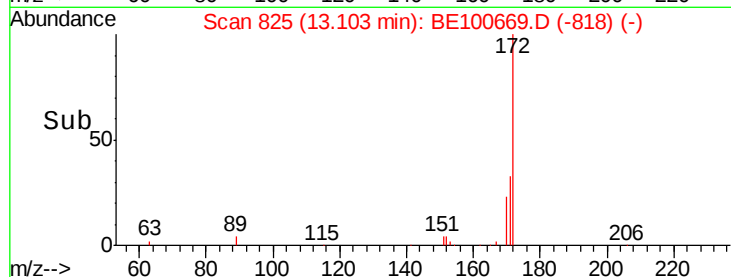
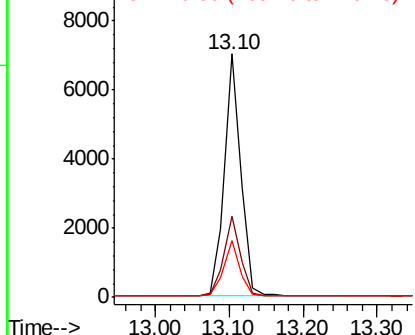
#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100669.D
Acq: 23 Oct 2019 19:43

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-191015

Tot Ion:172 Resp: 10840
Ion Ratio Lower Upper
172 100
171 33.3 26.5 39.7
170 23.3 19.0 28.4

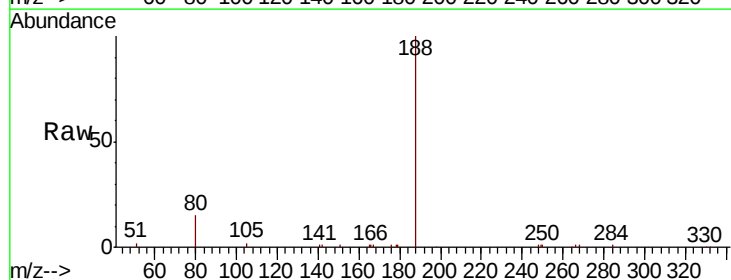


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

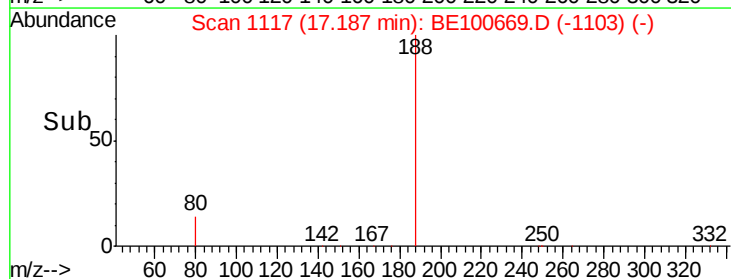
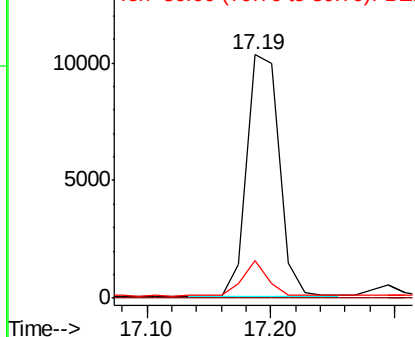


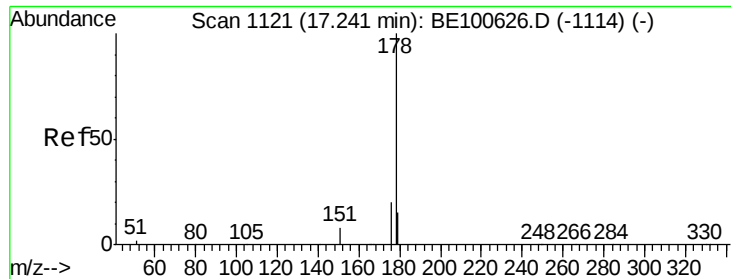
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100669.D
Acq: 23 Oct 2019 19:43

Tgt Ion:188 Resp: 18765
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.2 5.4 8.0#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1





#23

Phenanthrene

Concen: 0.027 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191015

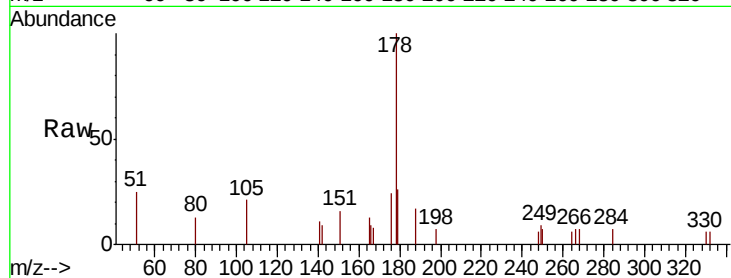
Tot Ion:178 Resp: 1395

Ion Ratio Lower Upper

178 100

176 21.2 15.2 22.8

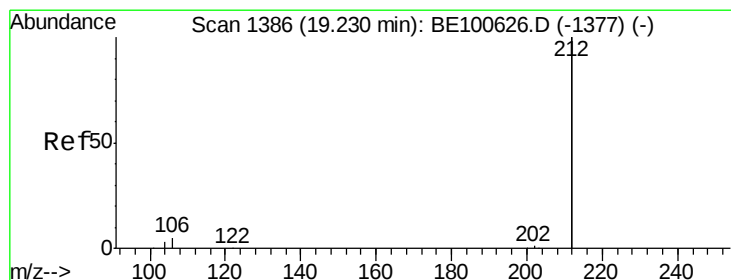
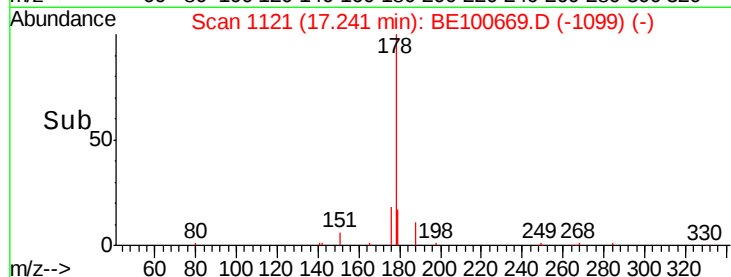
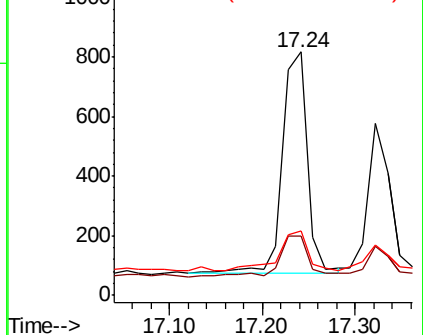
179 21.9 12.1 18.1#



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: 0.415 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

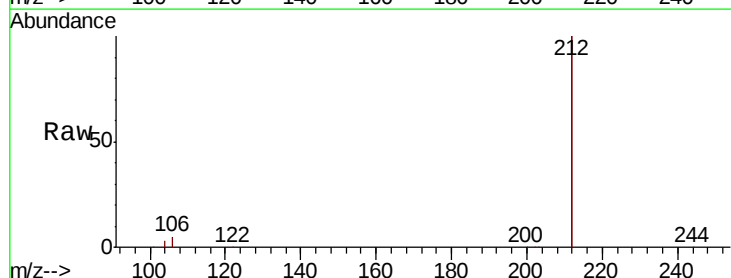
Tgt Ion:212 Resp: 100532

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

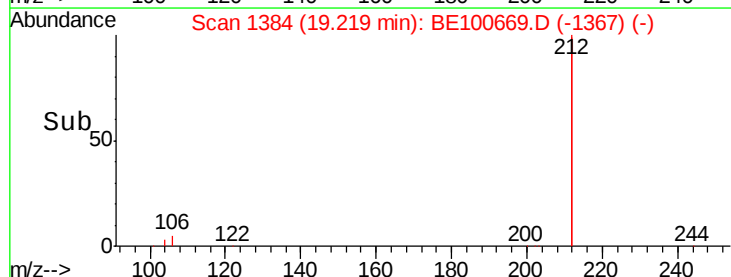
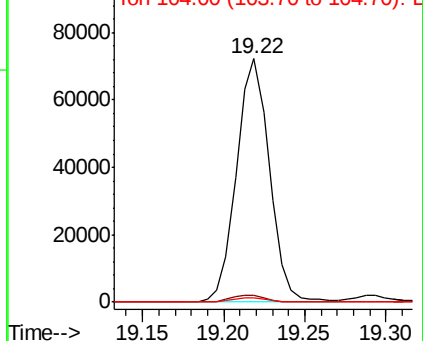
104 1.6 1.3 1.9

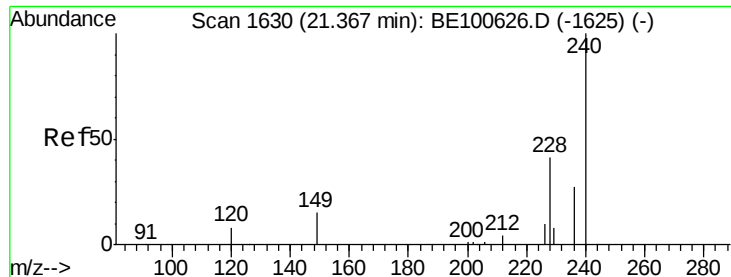


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191015

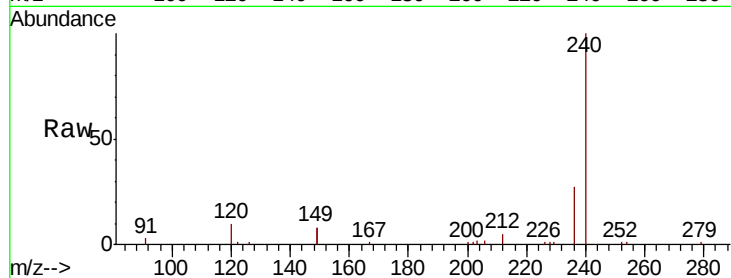
Tot Ion:240 Resp: 27670

Ion Ratio Lower Upper

240 100

120 10.1 7.6 11.4

236 27.5 22.1 33.1

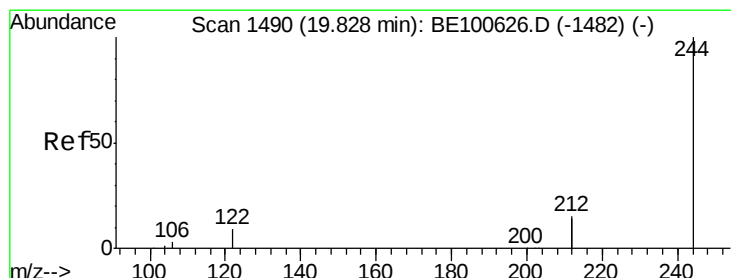
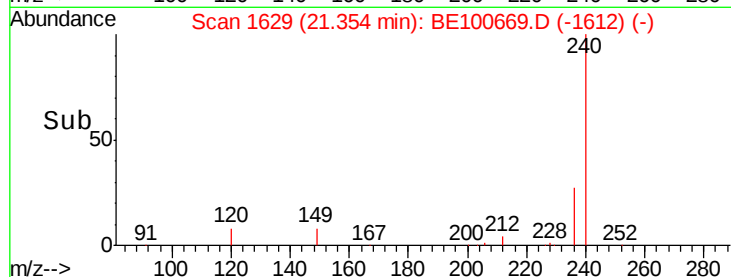
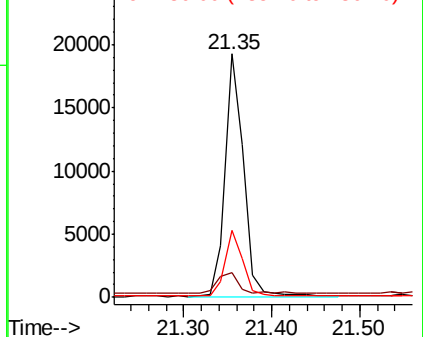


Abundance

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: 0.358 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

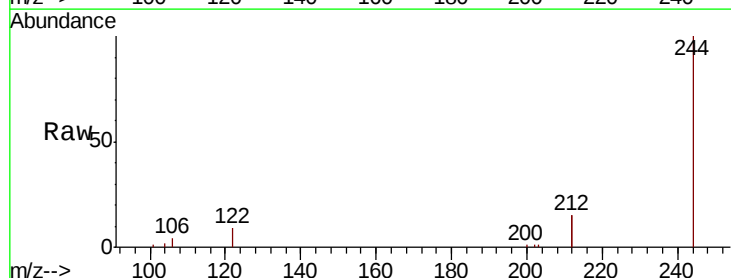
Tgt Ion:244 Resp: 21663

Ion Ratio Lower Upper

244 100

212 30.4 23.7 35.5

122 9.4 7.9 11.9

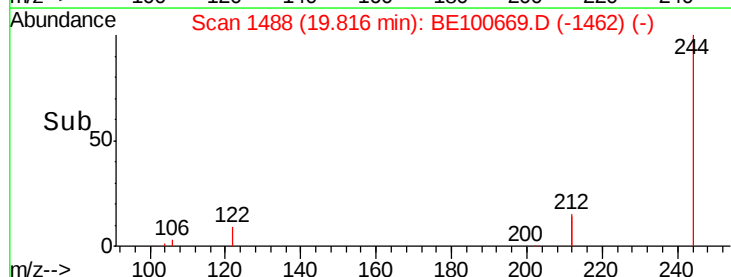
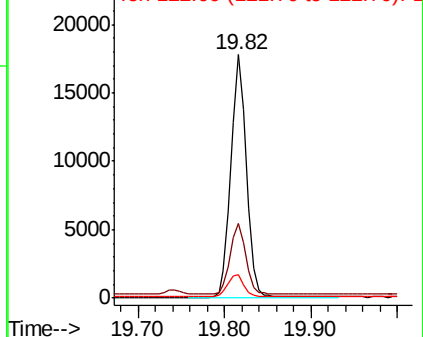


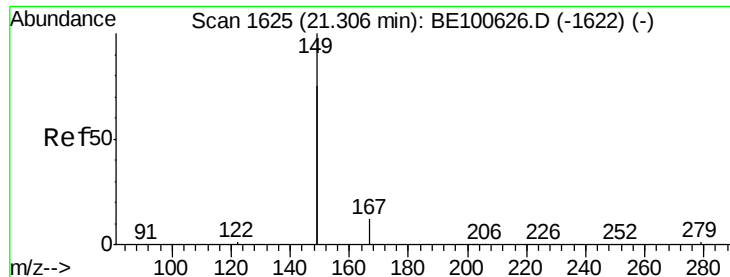
Abundance

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: 0.144 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

OUTFALL001-191015

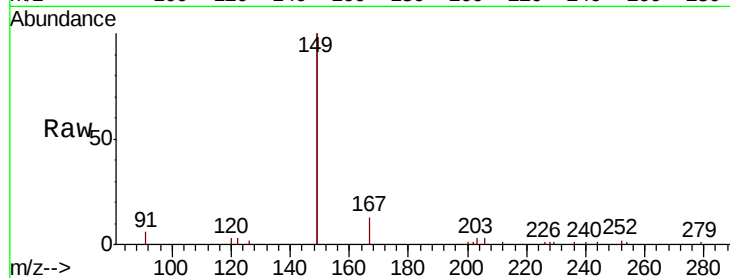
Tot Ion:149 Resp: 27245

Ion Ratio Lower Upper

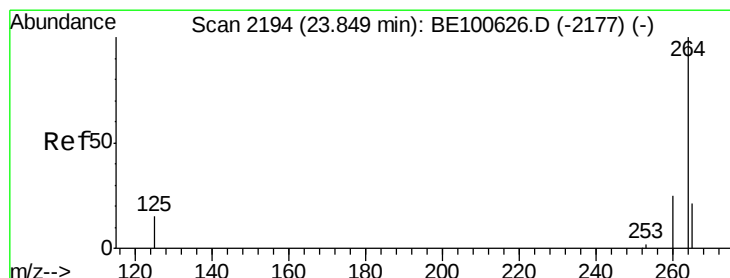
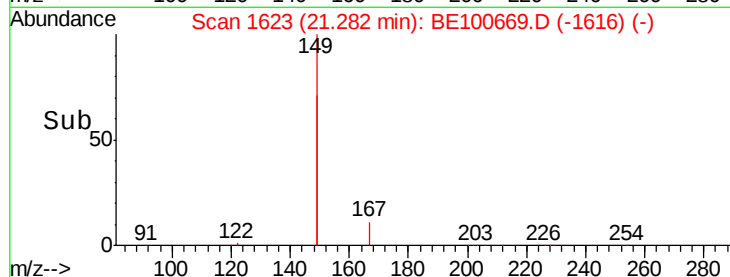
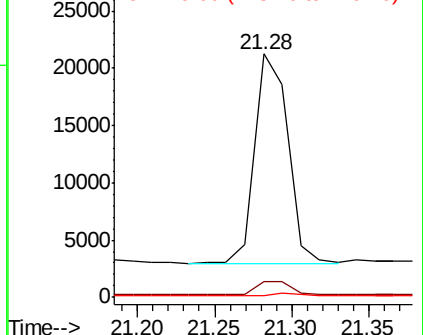
149 100

167 7.1 5.5 8.3

279 1.1 0.9 1.3



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: 23.83 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BE100669.D

Acq: 23 Oct 2019 19:43

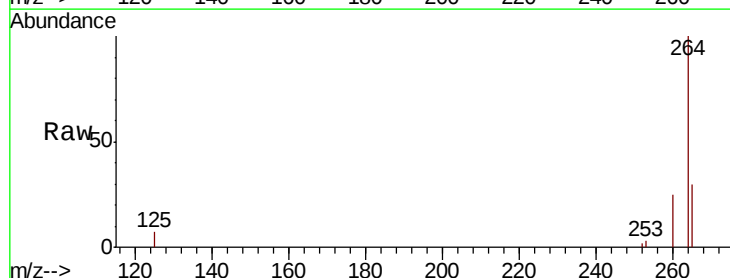
Tgt Ion:264 Resp: 35928

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 29.7 21.7 32.5



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

