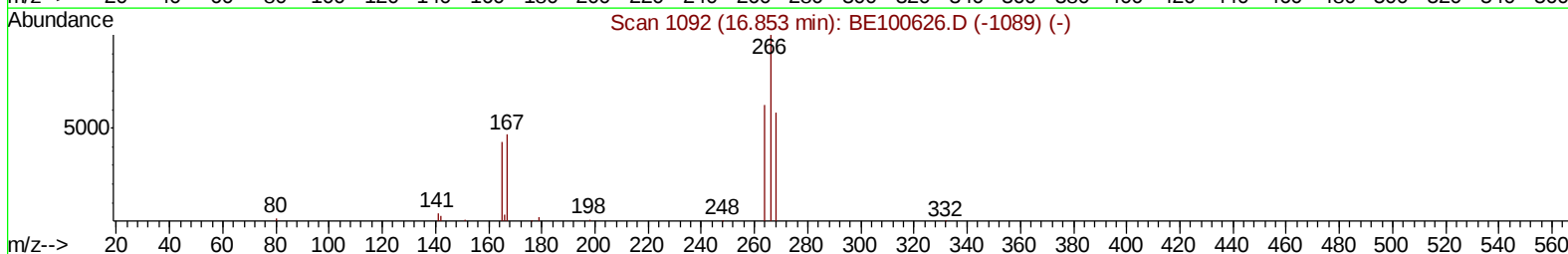
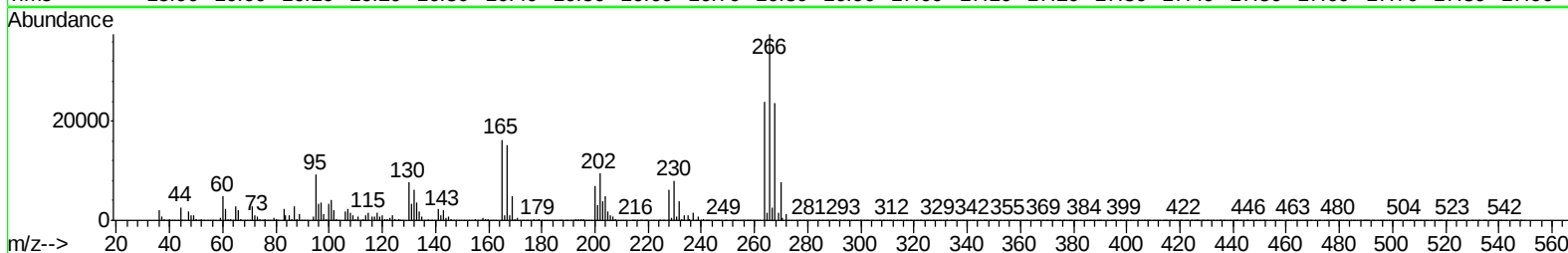
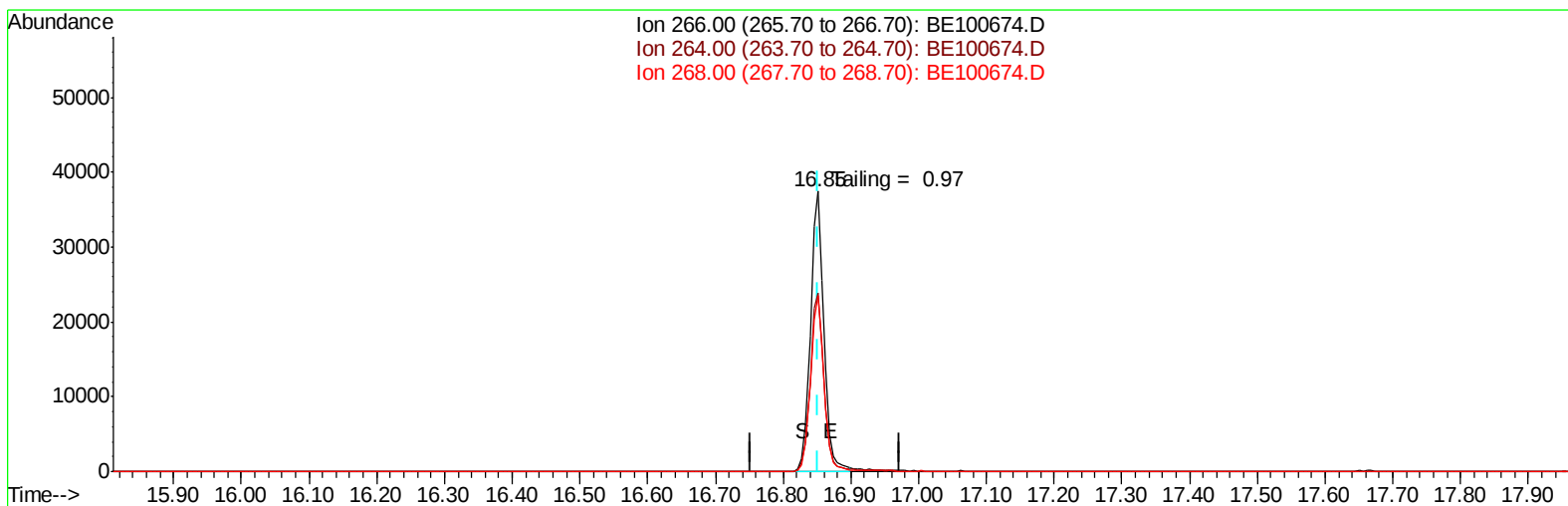


Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
Data File : BE100674.D
Acq On : 28 Oct 2019 15:25
Operator : JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DFTPP

Quant Time: Oct 29 13:48:16 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



TIC: BE100674.D

(22) Pentachlorophenol

16.851min (-0.002) 12860.14ng

response 52220

Ion	Exp%	Act%
266.00	100	100
264.00	65.30	67.75
268.00	66.40	62.71
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102919\
 Data File : BE100696.D
 Acq On : 29 Oct 2019 15:40
 Operator : JU
 Sample : K5546-08RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DFTPP

Quant Time: Oct 29 16:43:13 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	3325	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	14536	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	9301	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	23582	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	30792	0.40	ng	0.00
34) Perylene-d12	23.82	264	33564	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	3161	0.31	ng	0.00
5) Phenol-d6	7.01	99	3385	0.23	ng	0.00
8) Nitrobenzene-d5	8.99	82	4361	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	9160	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1278	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	13198	0.39	ng	0.00
25) Fluoranthene-d10	19.21	212	143706	0.47	ng	0.00
29) Terphenyl-d14	19.81	244	35760	0.53	ng	0.00

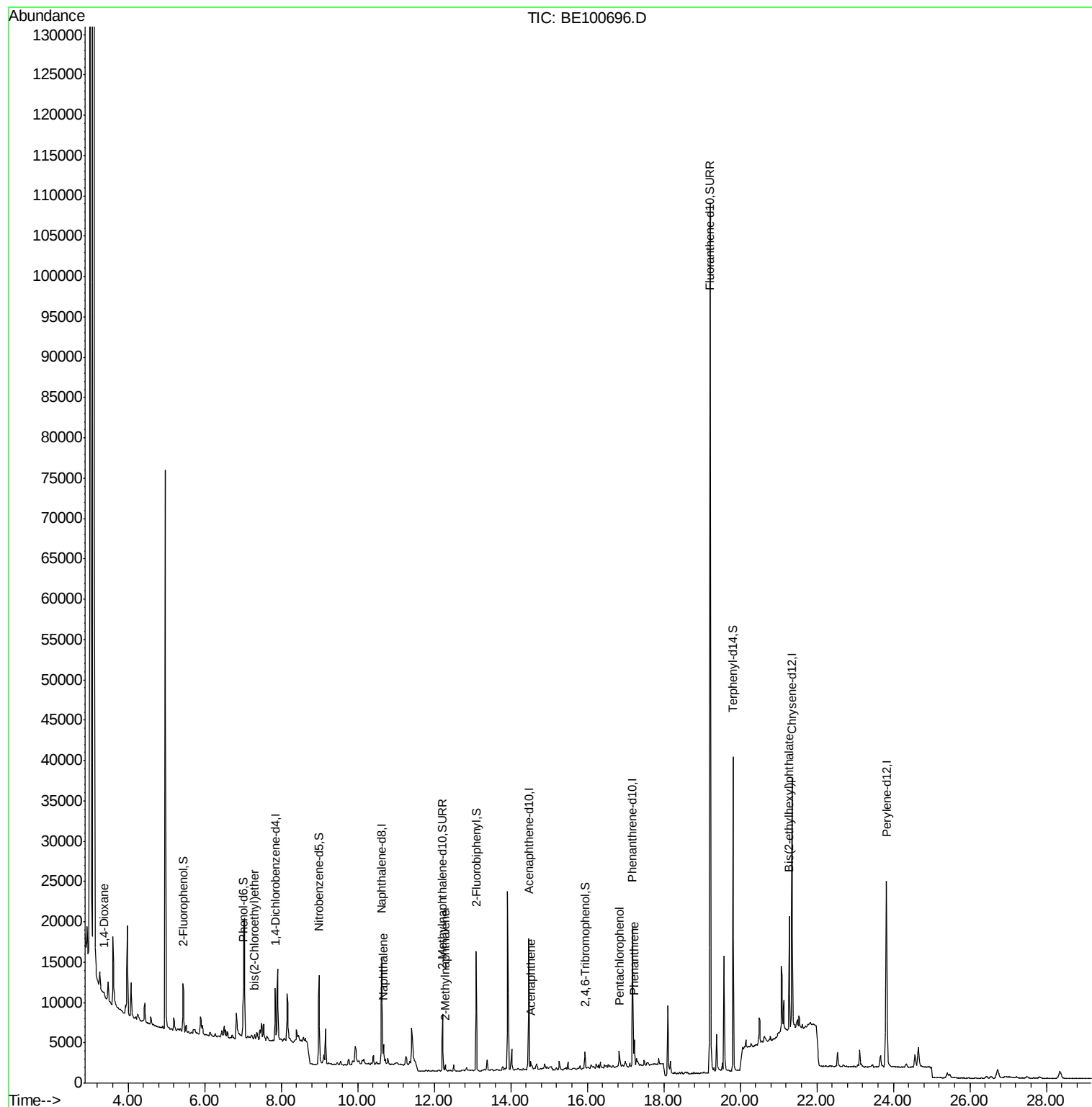
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	191	0.032	ng	# 21
6) bis(2-Chloroethyl)ether	7.30	93	406	0.034	ng	# 1
9) Naphthalene	10.68	128	3517	0.023	ng	# 94
12) 2-Methylnaphthalene	12.30	142	528	0.020	ng	# 90
17) Acenaphthene	14.53	154	520	0.020	ng	# 96
22) Pentachlorophenol	16.84	266	1852	0.503	ng	# 35
23) Phenanthrene	17.23	178	3468	0.053	ng	# 96
32) Bis(2-ethylhexyl)phthalate	21.28	149	15991	0.076	ng	# 98

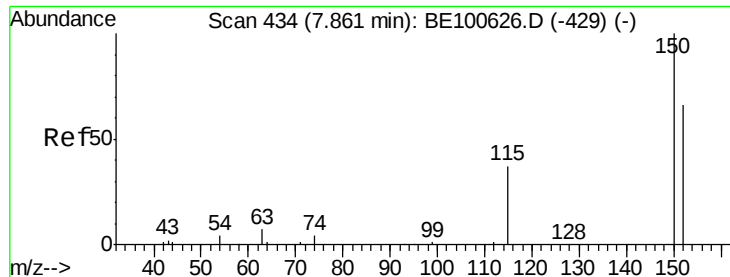
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102919\
Data File : BE100696.D
Acq On : 29 Oct 2019 15:40
Operator : JU
Sample : K5546-08RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DFTPP

Quant Time: Oct 29 16:43:13 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: BE100696.D

Acq: 29 Oct 2019 15:40

Instrument :

BNA_E

ClientSampleId :

DFTPP

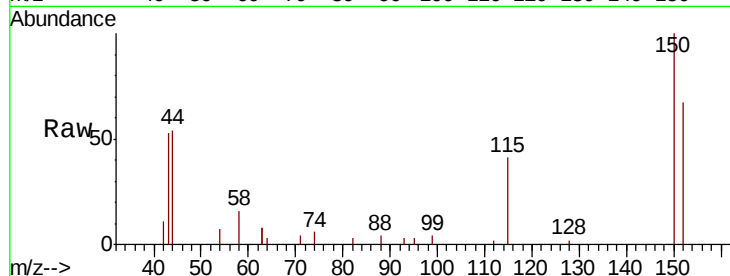
Tot Ion:152 Resp: 3325

Ion Ratio Lower Upper

152 100

150 149.6 123.3 184.9

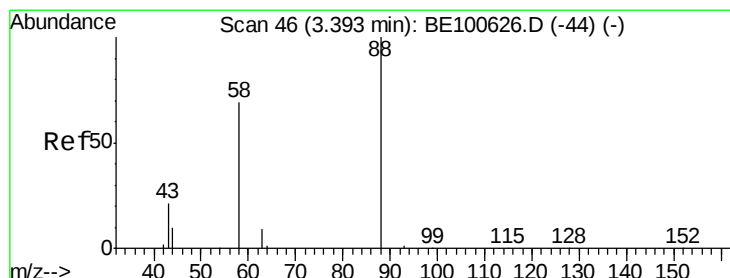
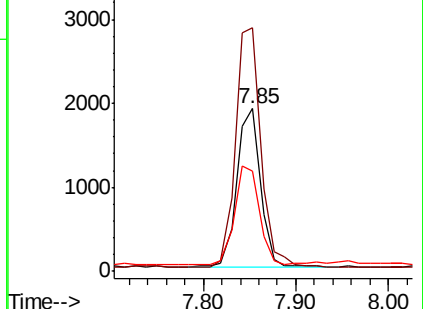
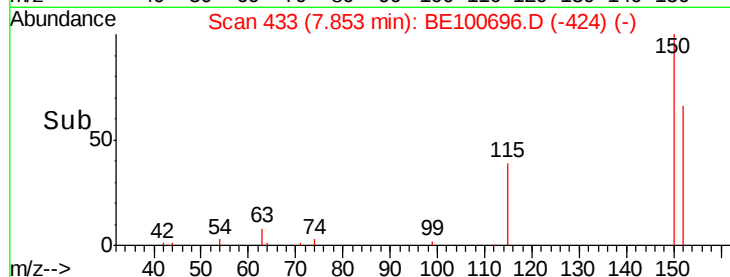
115 61.5 51.9 77.9



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



#2

1,4-Dioxane

Concen: 0.032 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE100696.D

Acq: 29 Oct 2019 15:40

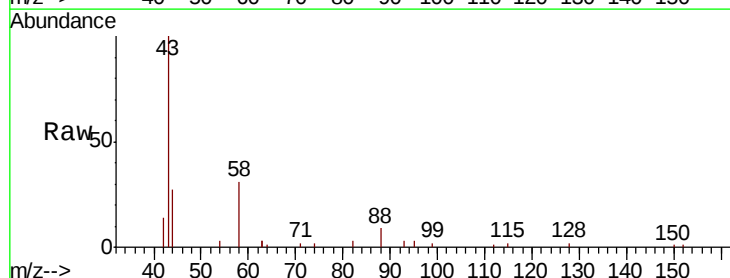
Tgt Ion: 88 Resp: 191

Ion Ratio Lower Upper

88 100

58 0.0 59.8 89.6#

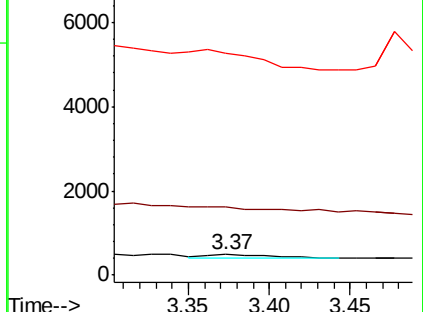
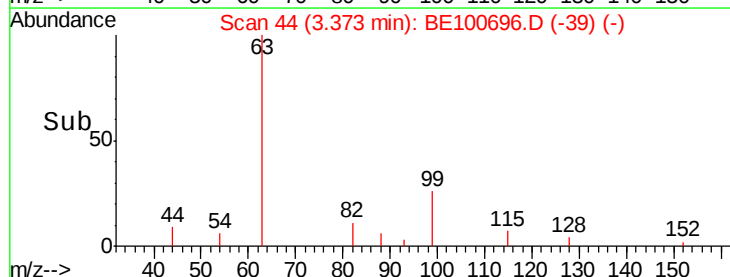
43 0.0 24.6 36.8#

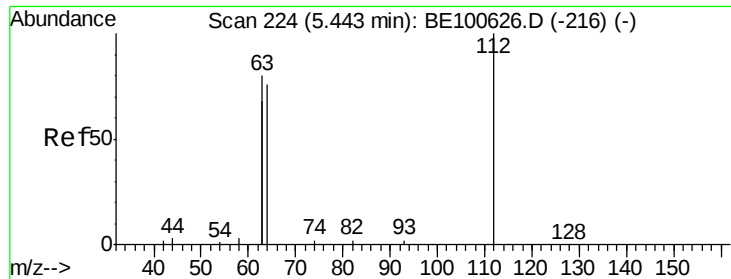


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.308 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100696.D

Acq: 29 Oct 2019 15:40

Instrument :

BNA_E

ClientSampleId :

DFTPP

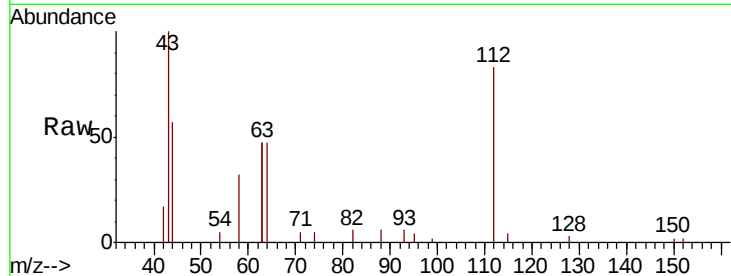
Tot Ion:112 Resp: 3161

Ion Ratio Lower Upper

112 100

64 71.9 55.4 83.2

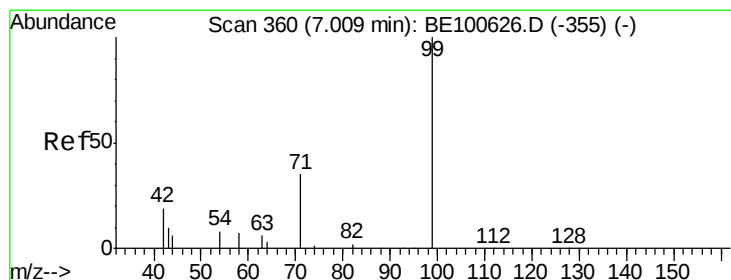
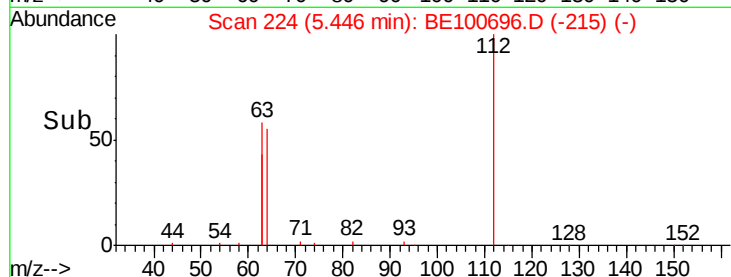
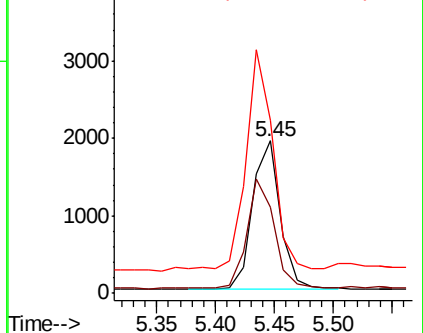
63 140.2 114.2 171.4



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: 0.234 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100696.D

Acq: 29 Oct 2019 15:40

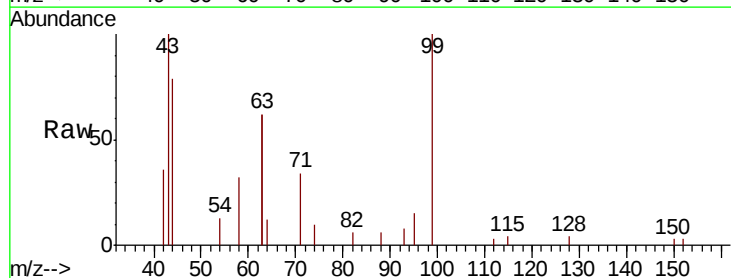
Tgt Ion: 99 Resp: 3385

Ion Ratio Lower Upper

99 100

42 51.4 17.7 26.5#

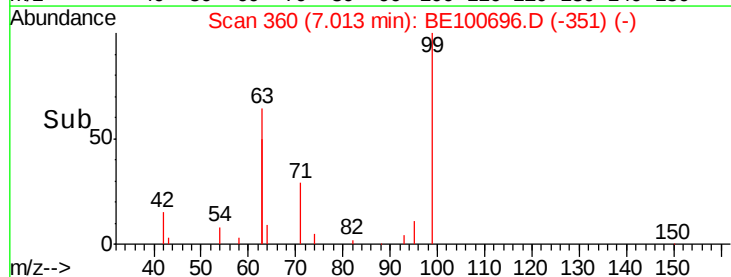
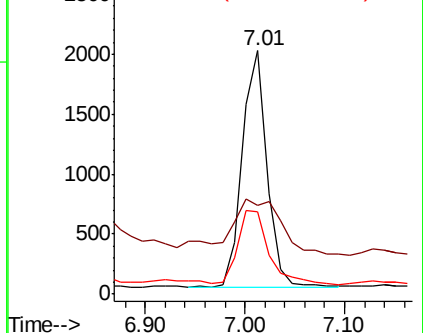
71 38.6 27.4 41.0

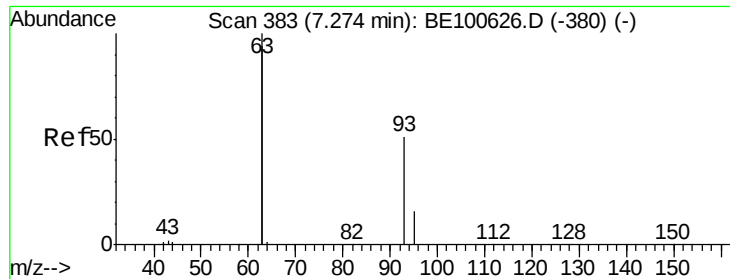


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.034 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.03 min

Lab File: BE100696.D

Acq: 29 Oct 2019 15:40

Instrument :

BNA_E

ClientSampled :

DFTPP

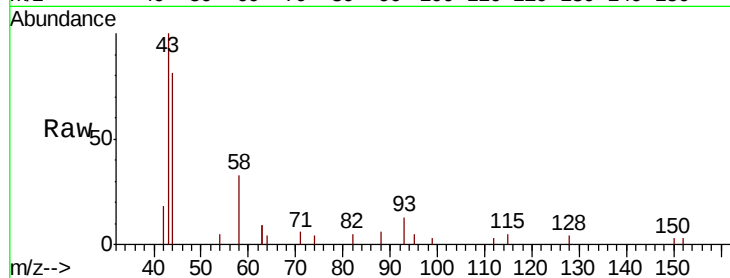
Tot Ion: 93 Resp: 406

Ion Ratio Lower Upper

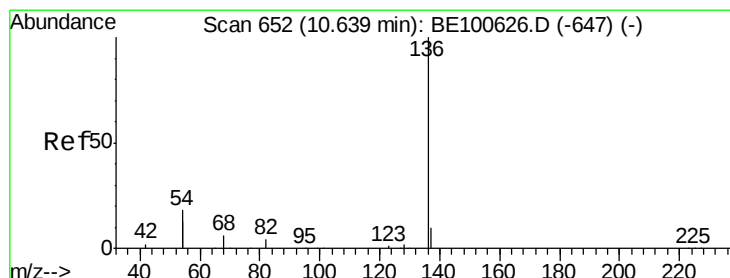
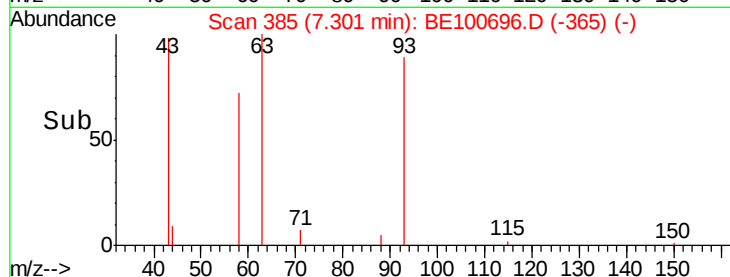
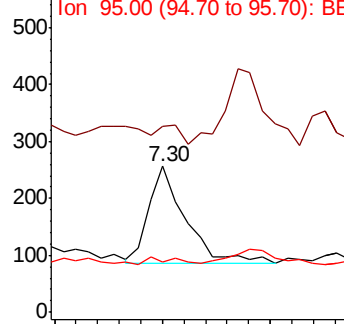
93 100

63 0.0 268.8 403.2#

95 5.4 25.6 38.4#



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE100696.D

Acq: 29 Oct 2019 15:40

Tgt Ion: 136 Resp: 14536

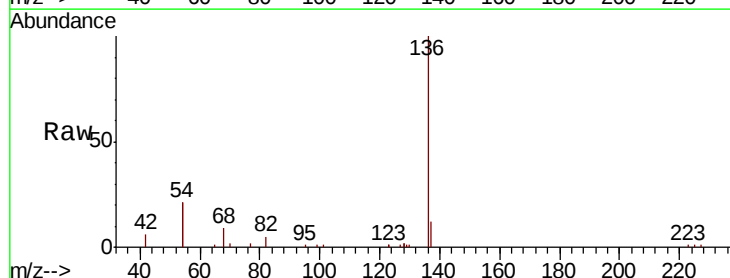
Ion Ratio Lower Upper

136 100

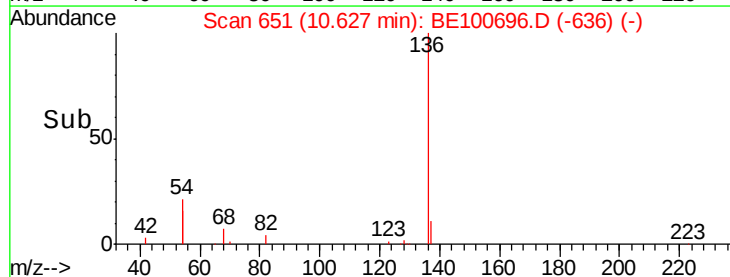
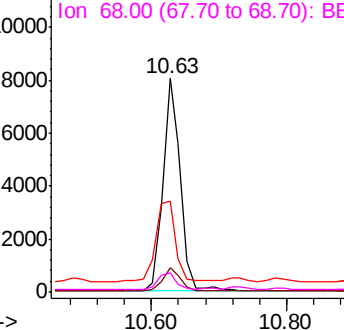
137 11.5 9.2 13.8

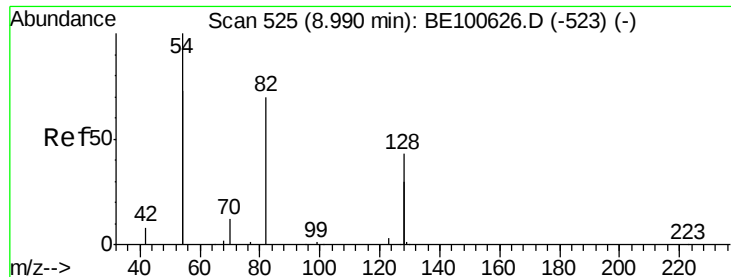
54 42.5 39.4 59.2

68 8.7 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: 0.484 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100696.D

Acq: 29 Oct 2019 15:40

Instrument :

BNA_E

ClientSampleId :

DFTPP

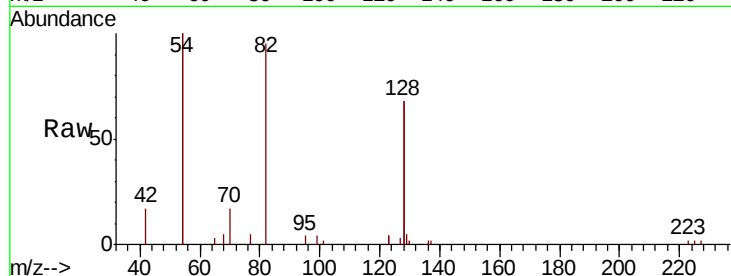
Tot Ion: 82 Resp: 4361

Ion Ratio Lower Upper

82 100

128 142.2 107.8 161.8

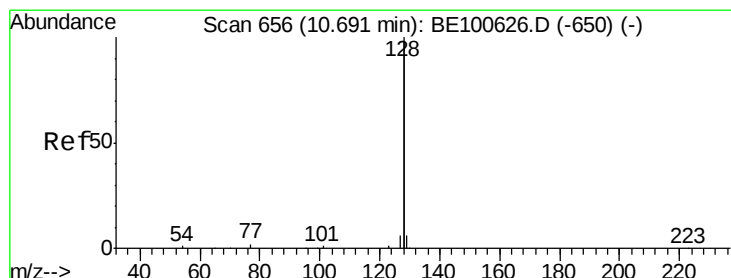
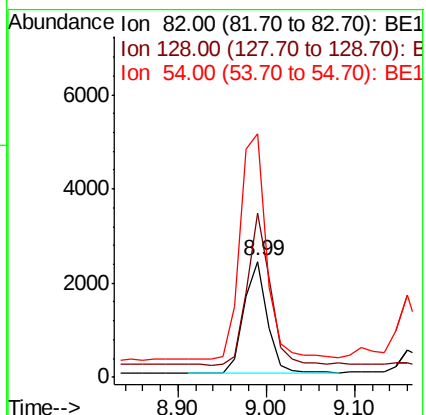
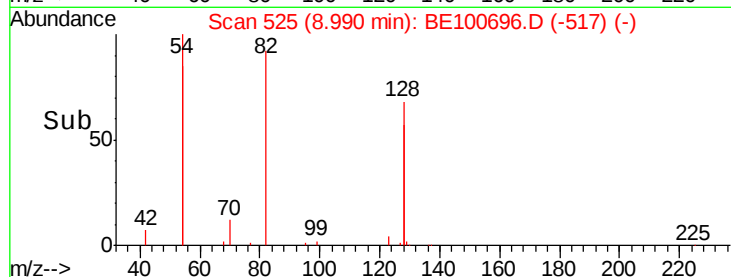
54 210.4 166.1 249.1



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



#9

Naphthalene

Concen: 0.023 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100696.D

Acq: 29 Oct 2019 15:40

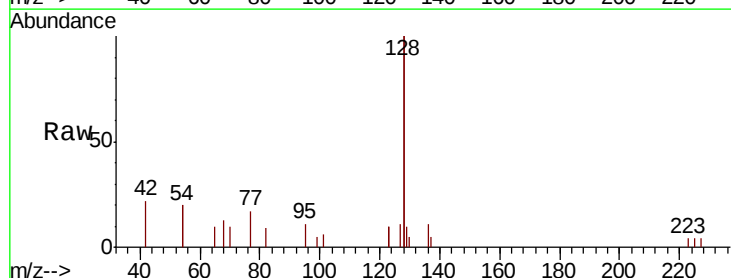
Tgt Ion: 128 Resp: 3517

Ion Ratio Lower Upper

128 100

129 5.2 2.3 3.5#

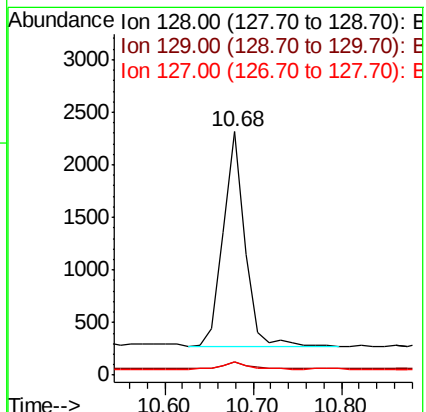
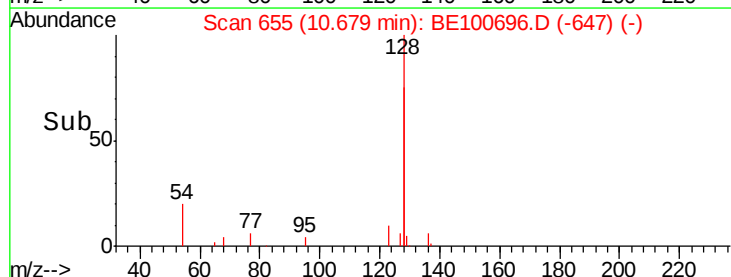
127 5.4 2.7 4.1#

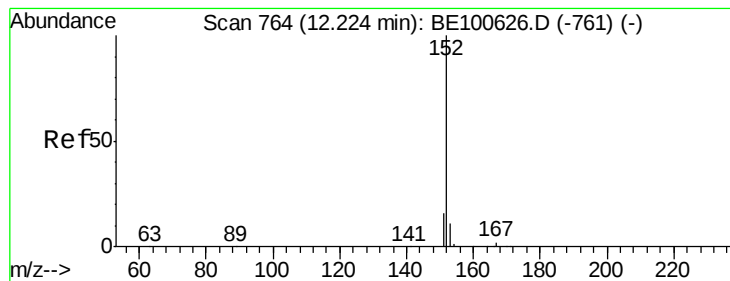


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

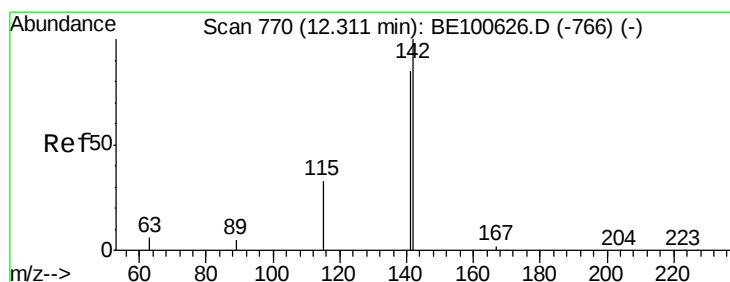
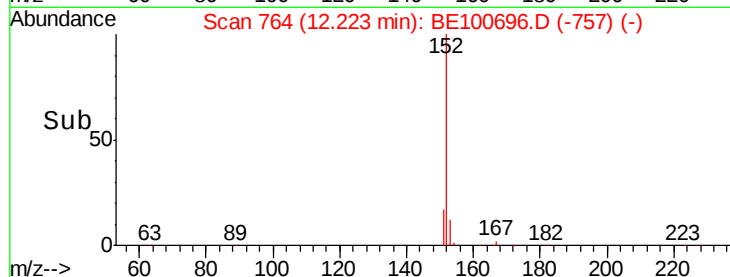
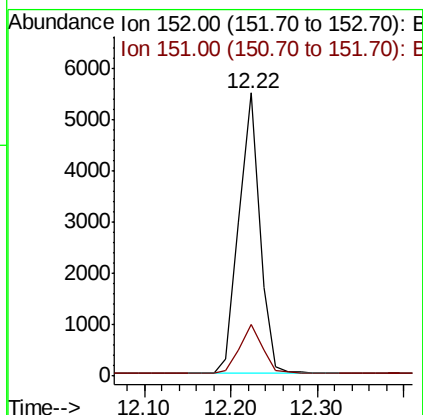
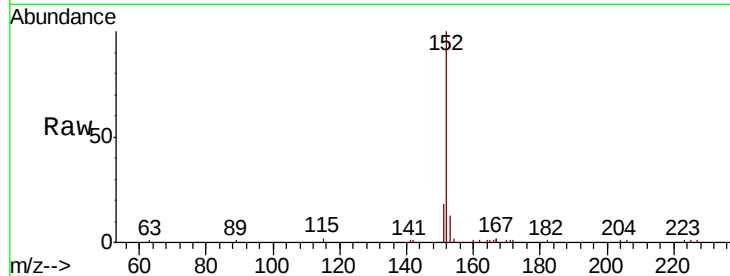




#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100696.D
Acq: 29 Oct 2019 15:40

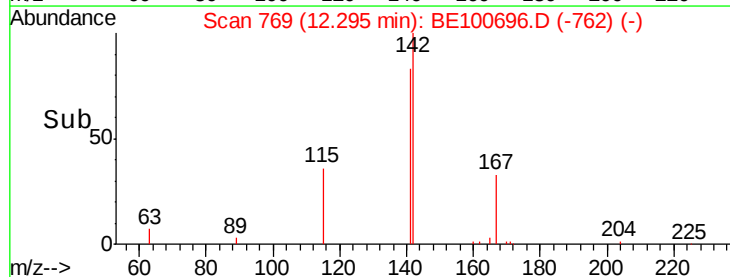
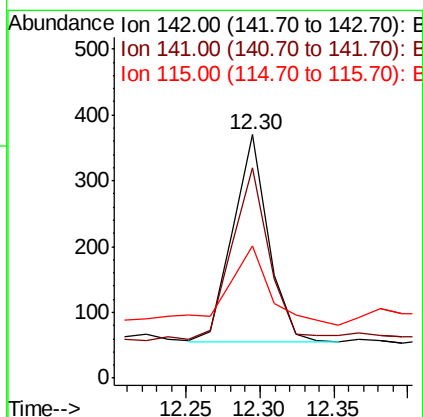
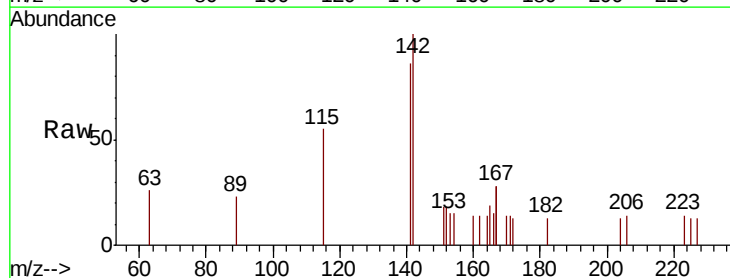
Instrument :
BNA_E
ClientSampleId :
DFTPP

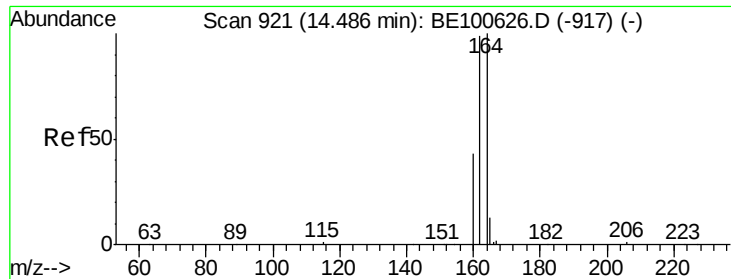
Tot Ion:152 Resp: 9160
Ion Ratio Lower Upper
152 100
151 18.6 14.7 22.1



#12
2-Methylnaphthalene
Concen: 0.020 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE100696.D
Acq: 29 Oct 2019 15:40

Tgt Ion:142 Resp: 528
Ion Ratio Lower Upper
142 100
141 86.5 70.1 105.1
115 54.6 28.3 42.5#

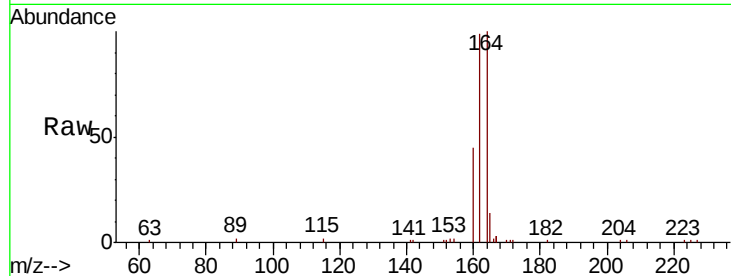




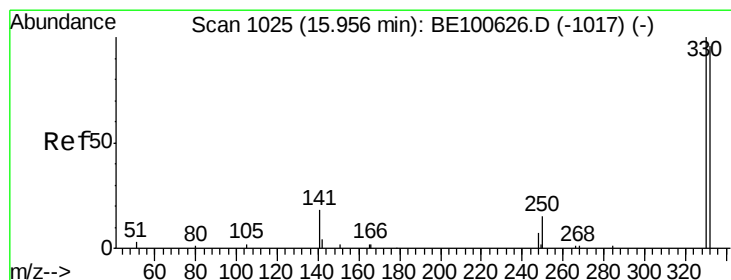
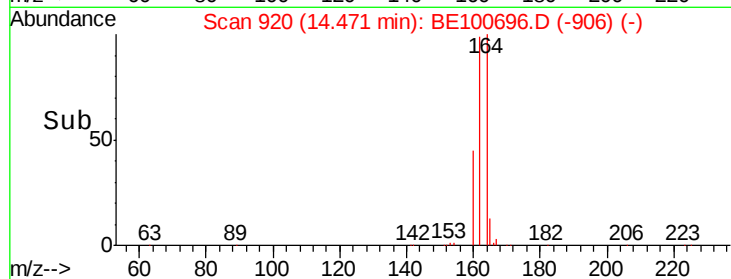
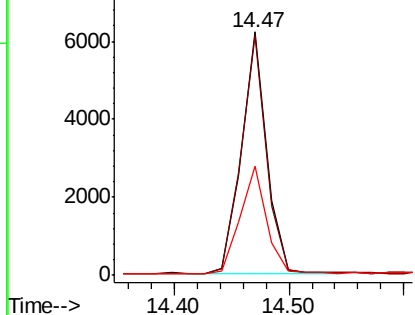
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100696.D
Acq: 29 Oct 2019 15:40

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tot Ion:164 Resp: 9301
Ion Ratio Lower Upper
164 100
162 98.8 82.0 123.0
160 44.9 37.5 56.3

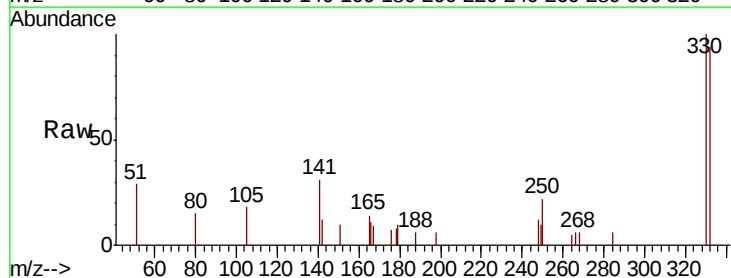


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

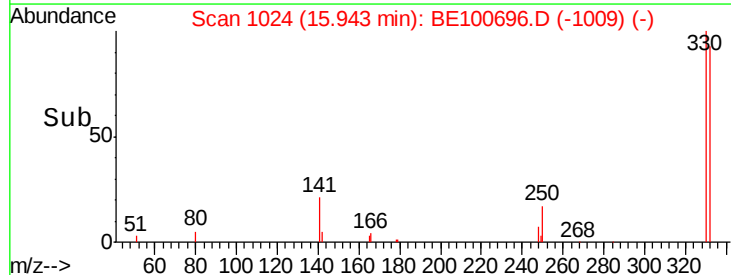
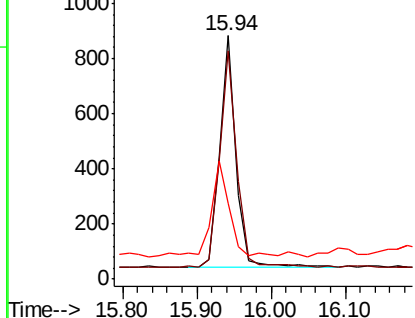


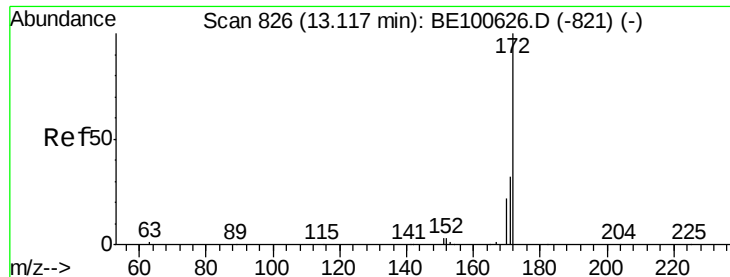
#14
2,4,6-Tribromophenol
Concen: 0.520 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100696.D
Acq: 29 Oct 2019 15:40

Tgt Ion:330 Resp: 1278
Ion Ratio Lower Upper
330 100
332 99.6 77.9 116.9
141 45.2 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

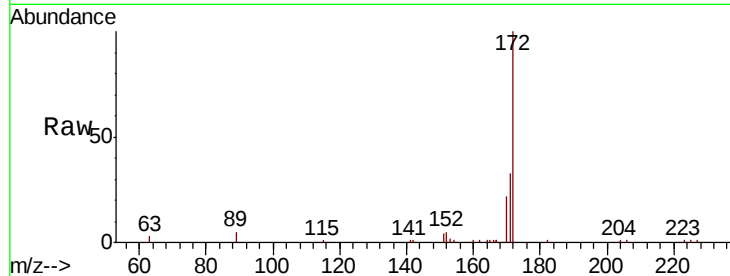




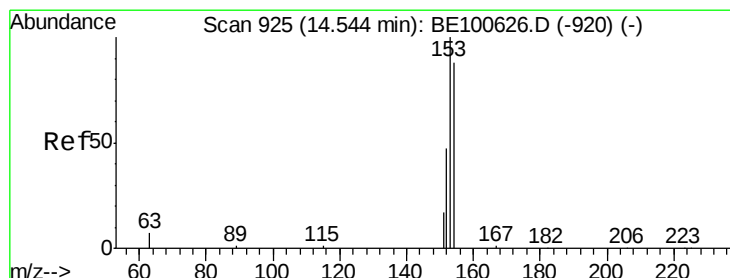
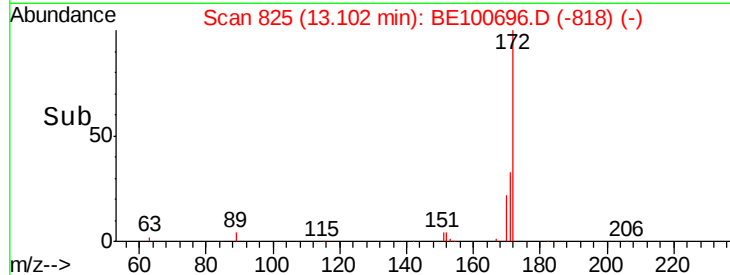
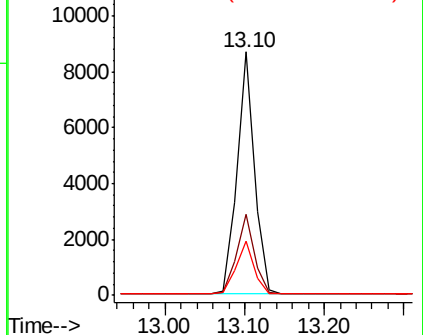
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100696.D
Acq: 29 Oct 2019 15:40

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tot Ion:172 Resp: 13198
Ion Ratio Lower Upper
172 100
171 33.1 26.5 39.7
170 22.4 19.0 28.4

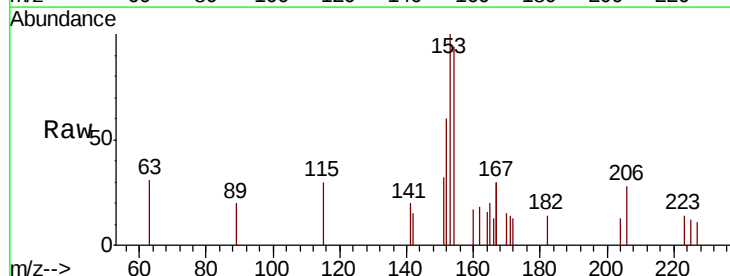


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

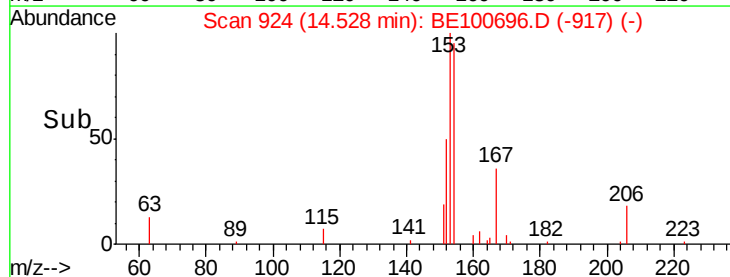
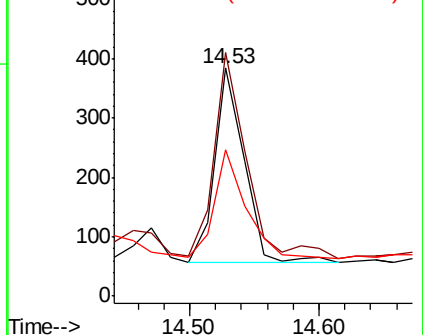


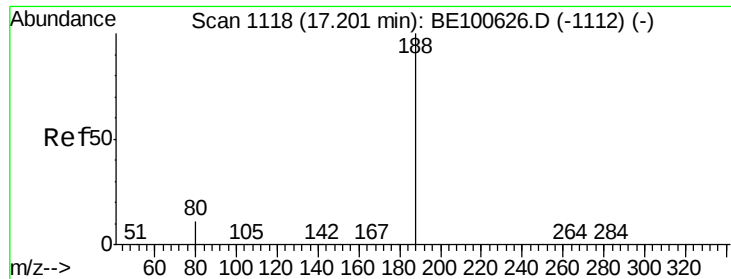
#17
Acenaphthene
Concen: 0.020 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100696.D
Acq: 29 Oct 2019 15:40

Tgt Ion:154 Resp: 520
Ion Ratio Lower Upper
154 100
153 114.6 89.4 134.2
152 59.2 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

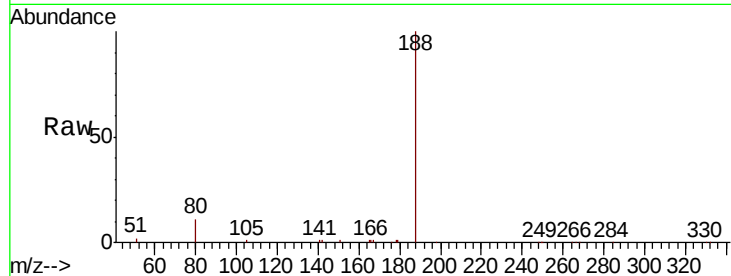




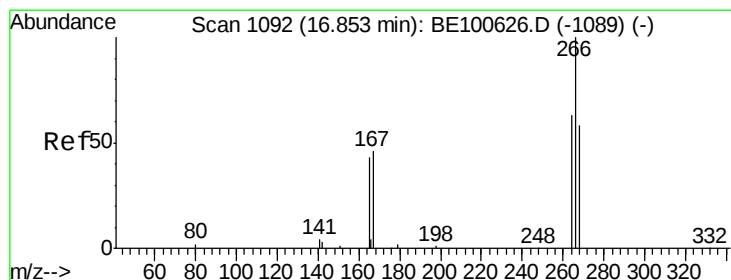
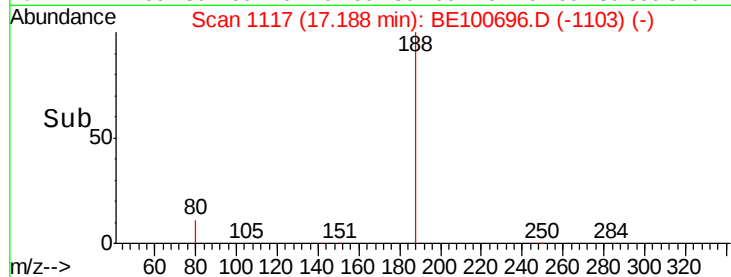
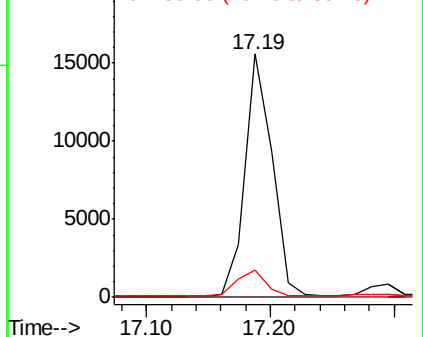
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100696.D
Acq: 29 Oct 2019 15:40

Instrument :
BNA_E
ClientSampleId :
DFTPP

Tot Ion:188 Resp: 23582
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 5.4 8.0#

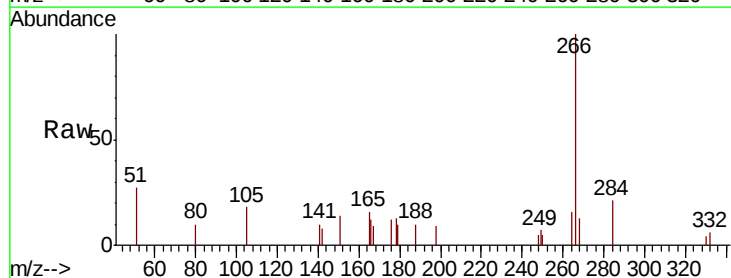


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

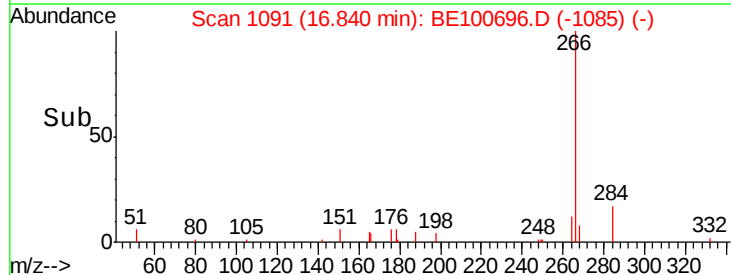
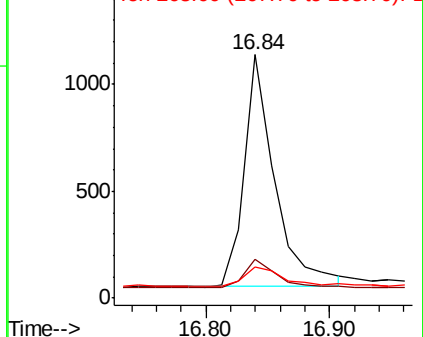


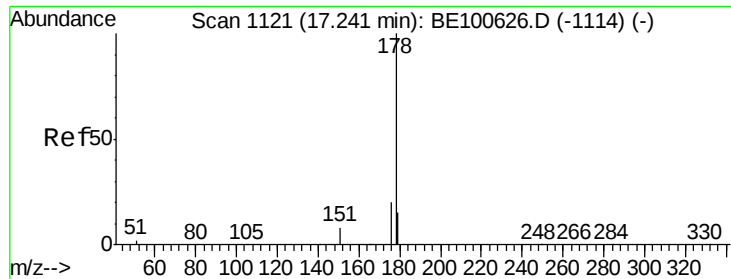
#22
Pentachlorophenol
Concen: 0.503 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE100696.D
Acq: 29 Oct 2019 15:40

Tgt Ion:266 Resp: 1852
Ion Ratio Lower Upper
266 100
264 16.1 52.2 78.4#
268 12.7 53.1 79.7#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.053 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE100696.D

Acq: 29 Oct 2019 15:40

Instrument :

BNA_E

ClientSampleId :

DFTPP

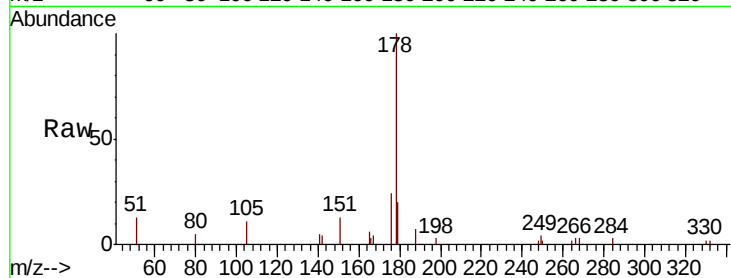
Tot Ion:178 Resp: 3468

Ion Ratio Lower Upper

178 100

176 19.4 15.2 22.8

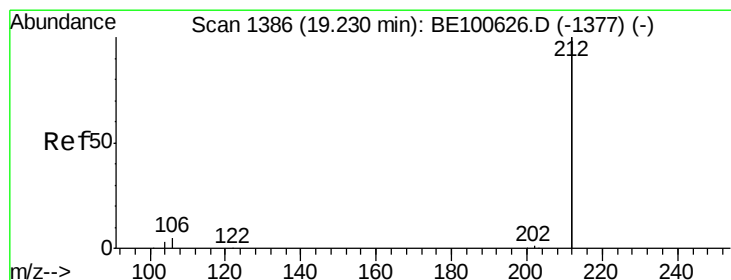
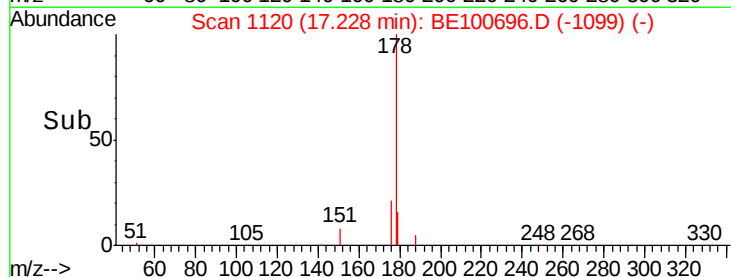
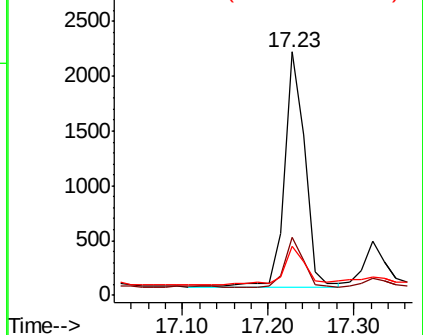
179 18.3 12.1 18.1#



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: 0.472 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BE100696.D

Acq: 29 Oct 2019 15:40

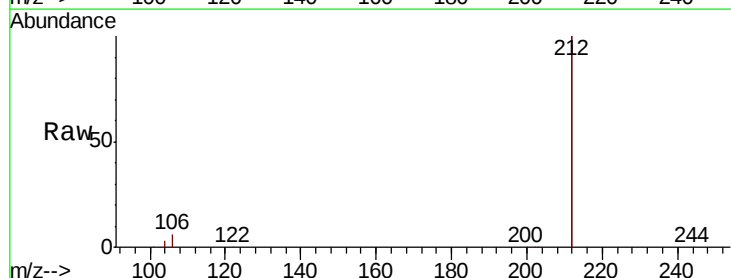
Tgt Ion:212 Resp: 143706

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

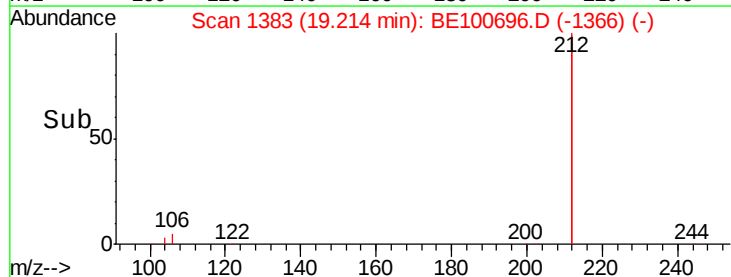
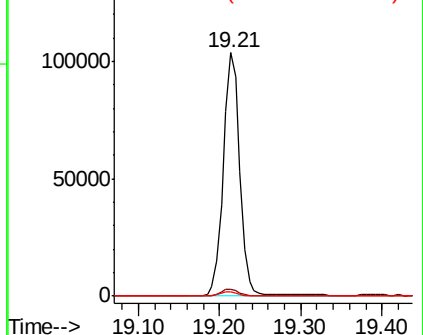
104 1.6 1.3 1.9

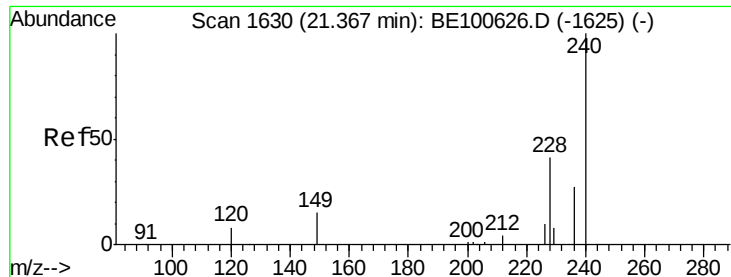


Abundance Ion 212.00 (211.70 to 212.70): E

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# 1628

Delta R.T. -0.00 min

Lab File: BE100696.D

Acq: 29 Oct 2019 15:40

Instrument :

BNA_E

ClientSampleId :

DFTPP

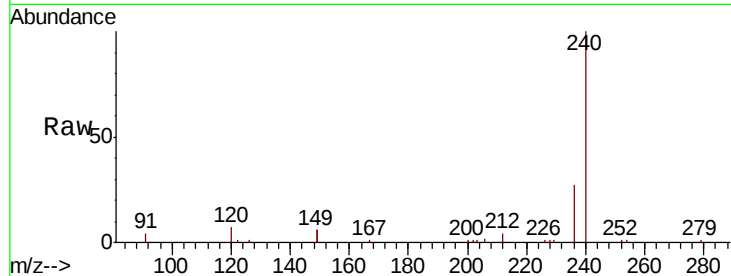
Tot Ion:240 Resp: 30792

Ion Ratio Lower Upper

240 100

120 7.3 7.6 11.4#

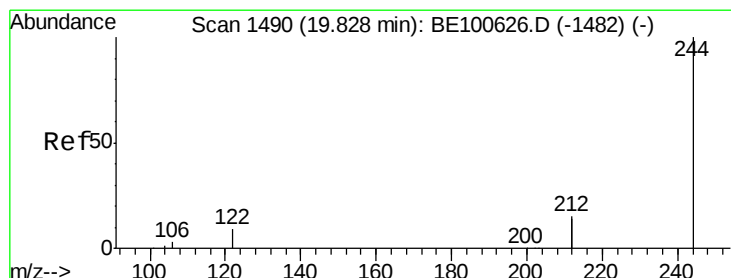
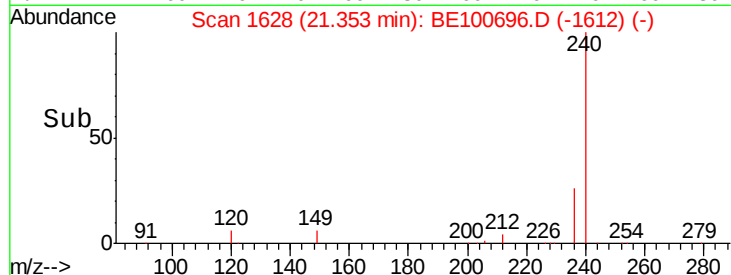
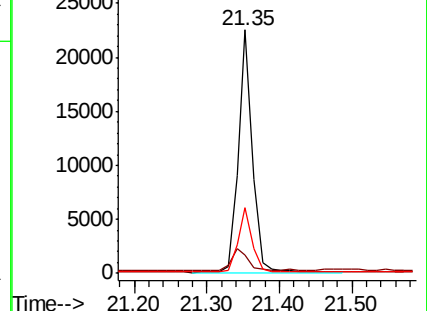
236 26.8 22.1 33.1



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: 0.531 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BE100696.D

Acq: 29 Oct 2019 15:40

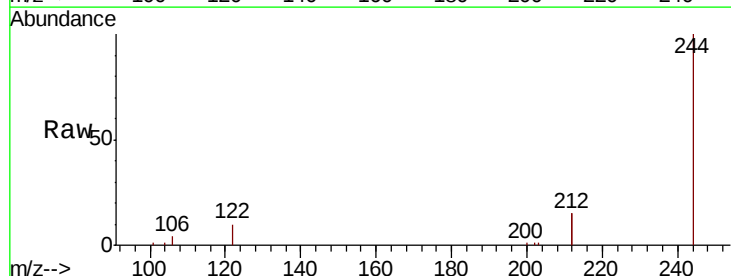
Tgt Ion:244 Resp: 35760

Ion Ratio Lower Upper

244 100

212 30.8 23.7 35.5

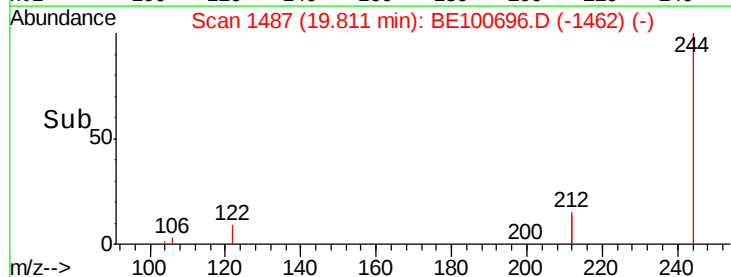
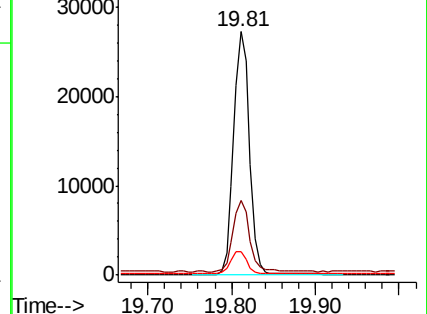
122 9.7 7.9 11.9

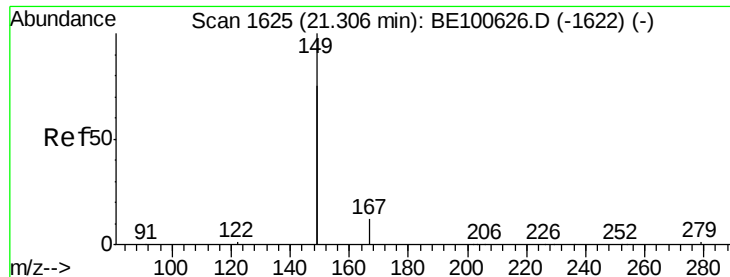


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.076 ng

RT: 21.28 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100696.D

Acq: 29 Oct 2019 15:40

Instrument :

BNA_E

ClientSampleId :

DFTPP

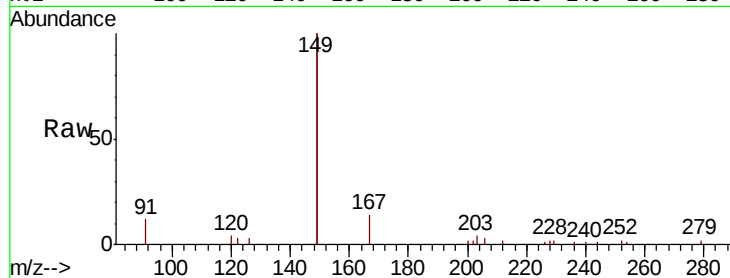
Tot Ion:149 Resp: 15991

Ion Ratio Lower Upper

149 100

167 6.3 5.5 8.3

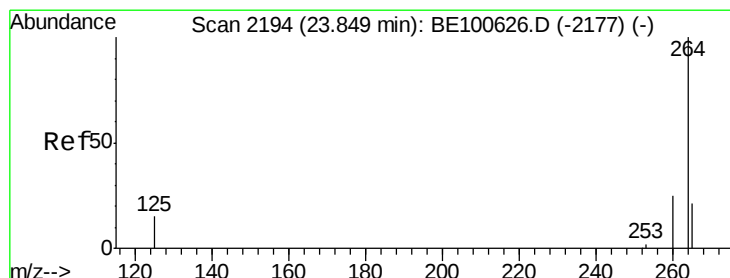
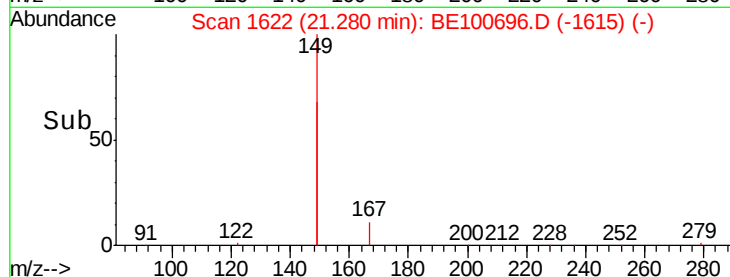
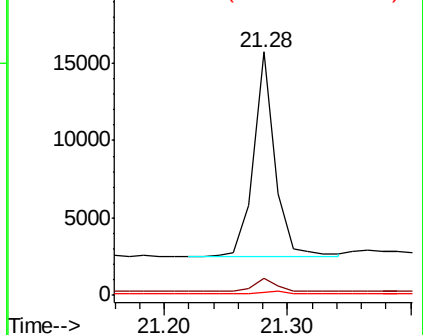
279 1.4 0.9 1.3#



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: 23.82 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BE100696.D

Acq: 29 Oct 2019 15:40

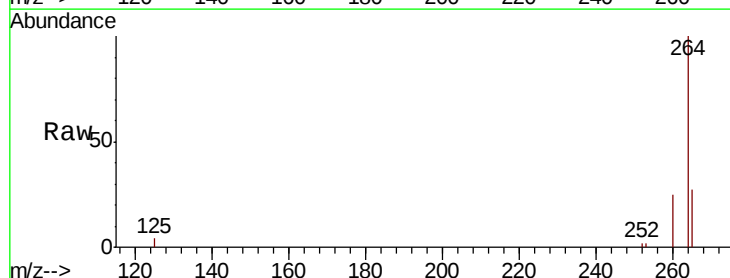
Tgt Ion:264 Resp: 33564

Ion Ratio Lower Upper

264 100

260 25.3 19.4 29.2

265 27.0 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

