

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
 Data File : BE100681.D
 Acq On : 28 Oct 2019 19:43
 Operator : JU
 Sample : K5546-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 11:53:17 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

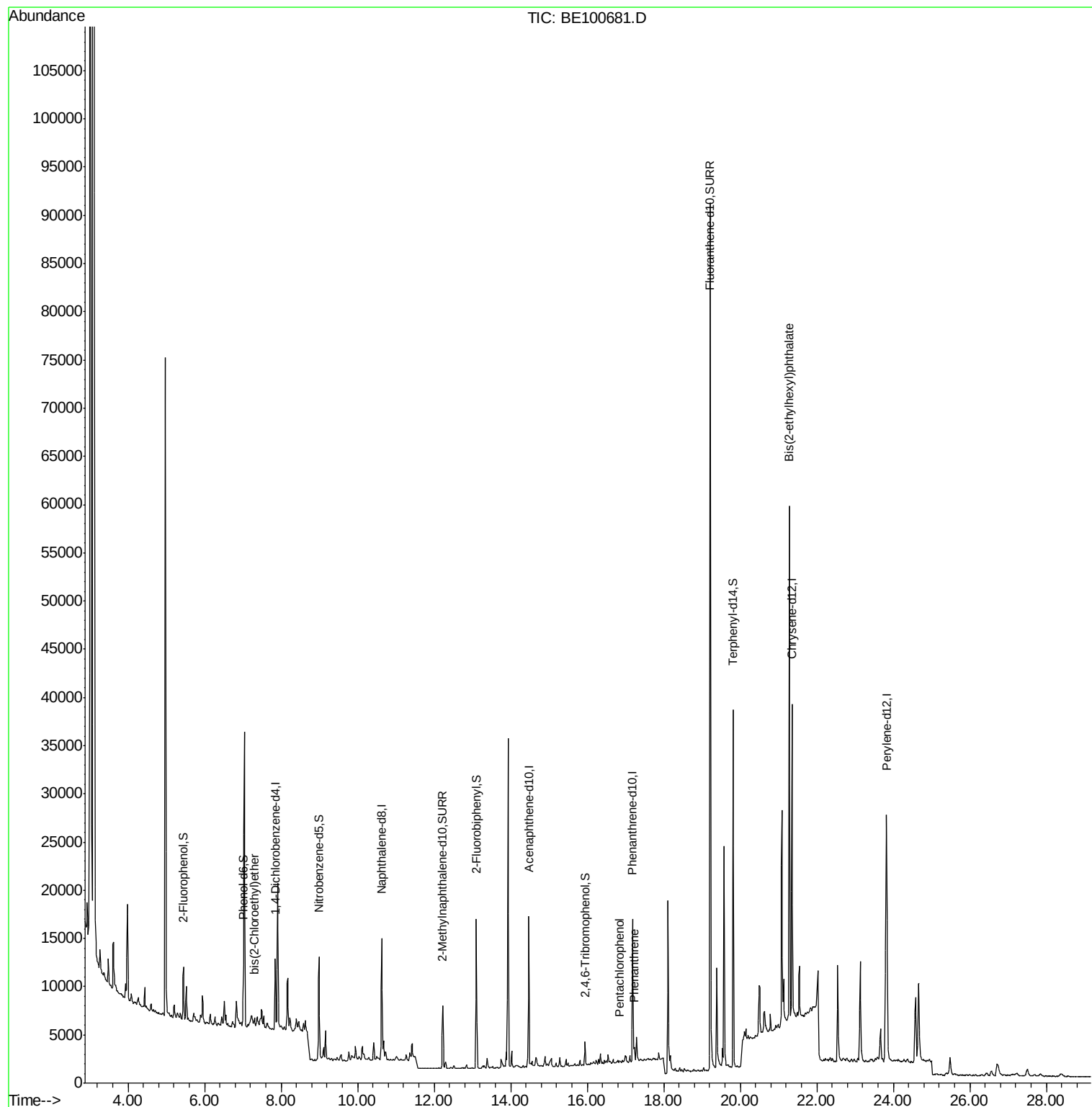
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3313	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	14078	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	8972	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	21143	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	30505	0.40	ng	0.00
34) Perylene-d12	23.82	264	35068	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	2821	0.28	ng	0.00
5) Phenol-d6	7.01	99	2826	0.20	ng	0.00
8) Nitrobenzene-d5	8.99	82	4346	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8359	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1355	0.57	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	13587	0.42	ng	0.00
25) Fluoranthene-d10	19.21	212	121764	0.45	ng	0.00
29) Terphenyl-d14	19.82	244	32623	0.49	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.30	93	387	0.033	ng	Qvalue # 1
22) Pentachlorophenol	16.84	266	138	0.042	ng	# 86
23) Phenanthrene	17.23	178	1746	0.030	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.28	149	61838	0.297	ng	# 99

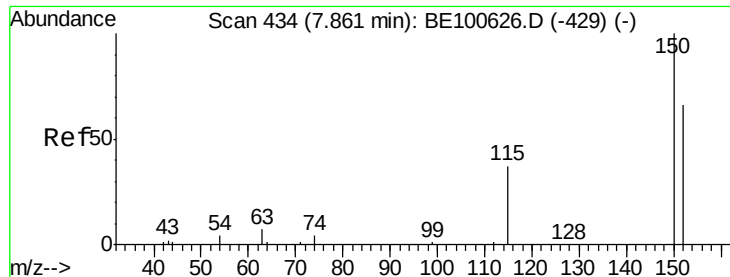
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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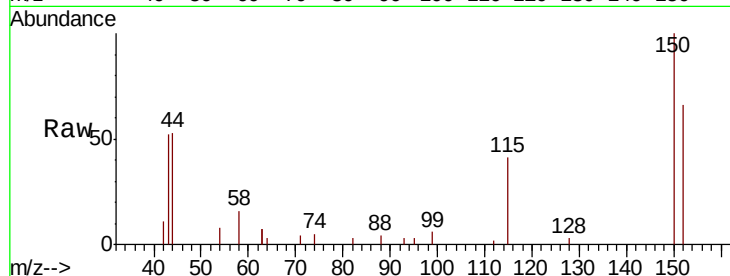


#1

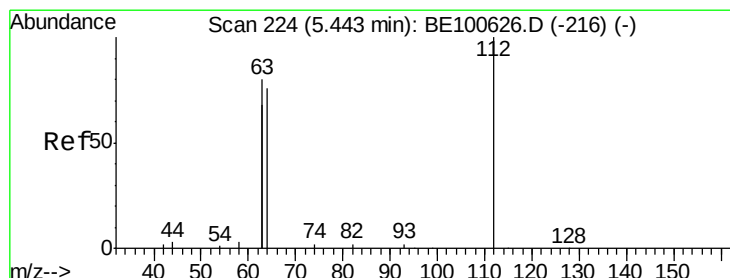
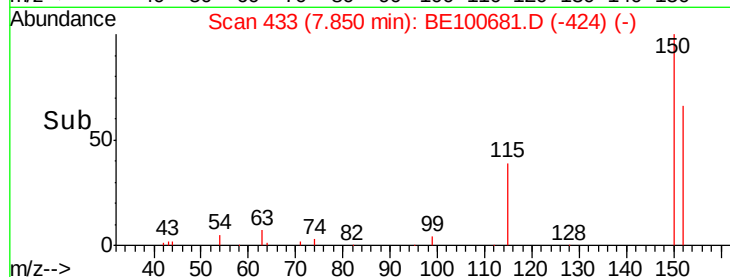
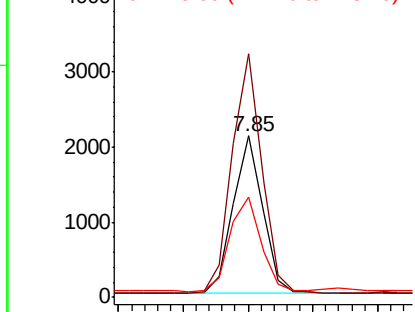
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.85 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BE100681.D
 Acq: 28 Oct 2019 19:43

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 3313
 Ion Ratio Lower Upper
 152 100
 150 150.7 123.3 184.9
 115 62.2 51.9 77.9



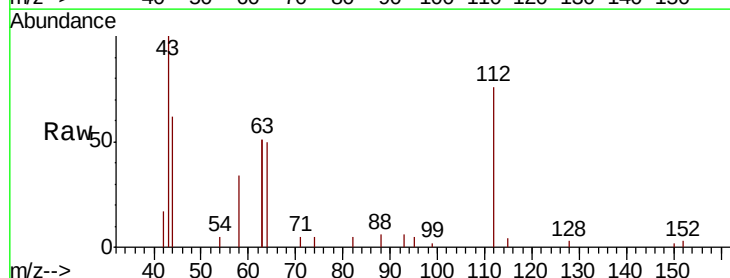
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



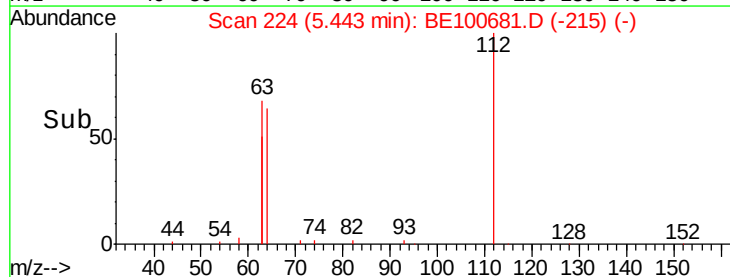
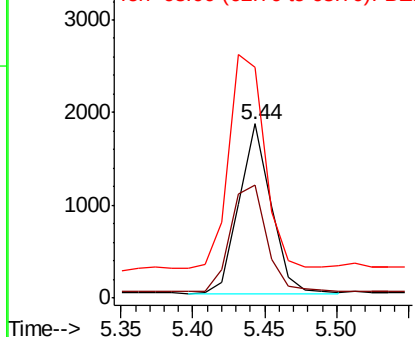
#4

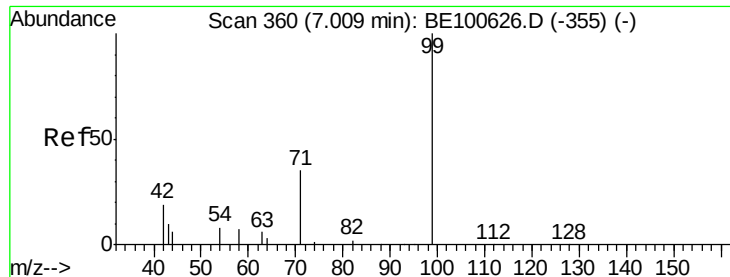
2-Fluorophenol
 Concen: 0.276 ng
 RT: 5.44 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BE100681.D
 Acq: 28 Oct 2019 19:43

Tgt Ion:112 Resp: 2821
 Ion Ratio Lower Upper
 112 100
 64 70.5 55.4 83.2
 63 140.7 114.2 171.4



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: 0.196 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100681.D

Acq: 28 Oct 2019 19:43

Instrument :

BNA_E

ClientSampled :

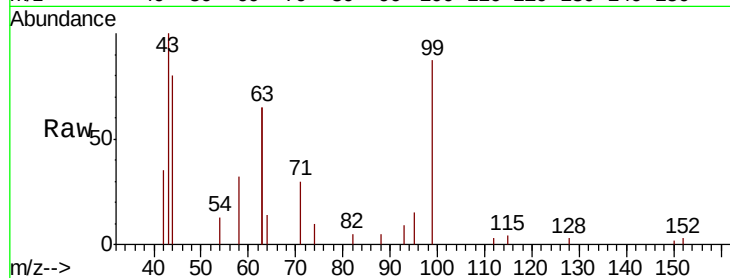
Tot Ion: 99 Resp: 2826

Ion Ratio Lower Upper

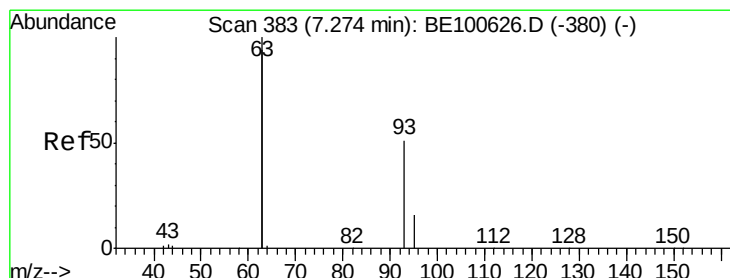
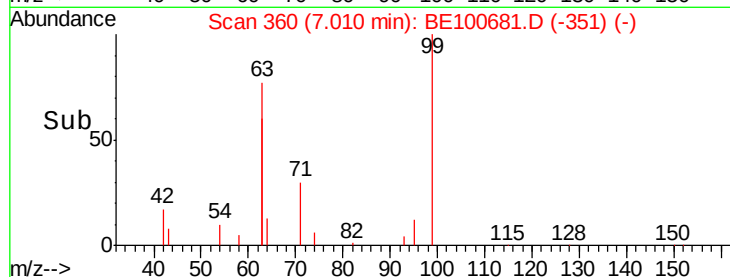
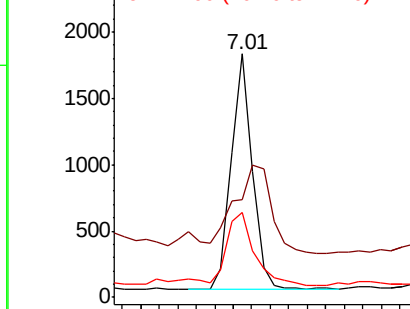
99 100

42 64.9 17.7 26.5#

71 40.7 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: 0.033 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.02 min

Lab File: BE100681.D

Acq: 28 Oct 2019 19:43

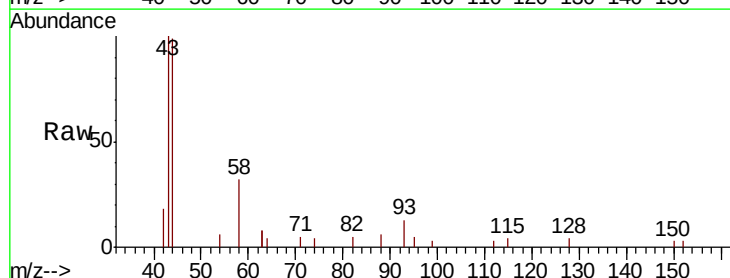
Tgt Ion: 93 Resp: 387

Ion Ratio Lower Upper

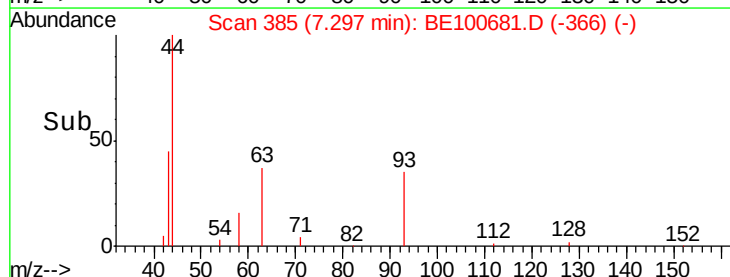
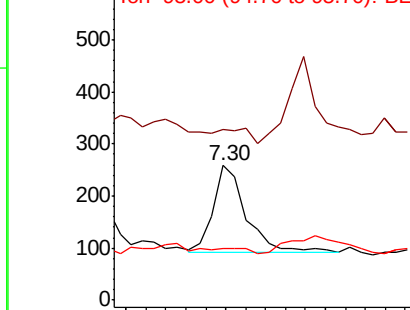
93 100

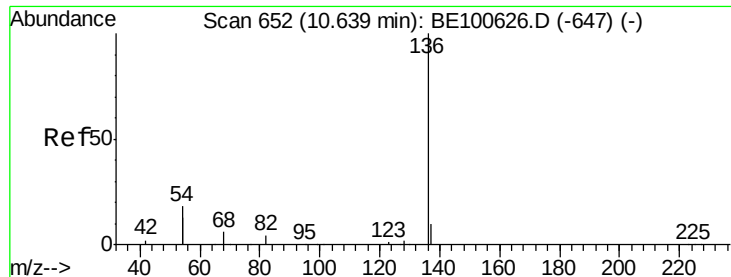
63 0.0 268.8 403.2#

95 0.0 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: BE100681.D

Acq: 28 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 14078

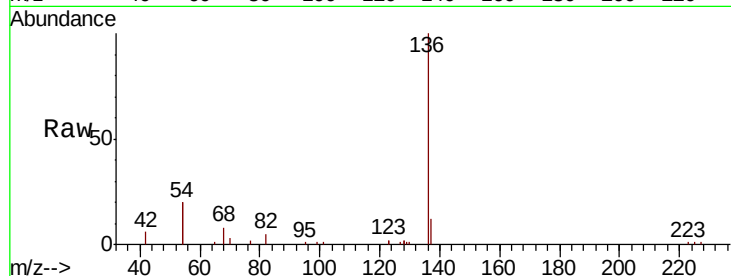
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 40.9 39.4 59.2

68 8.4 8.0 12.0

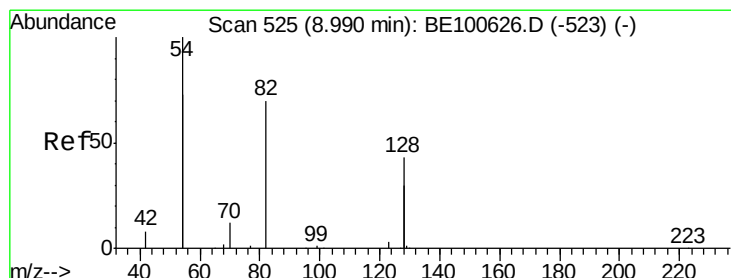
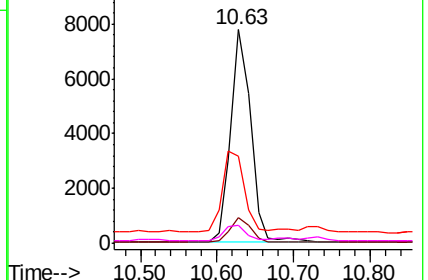
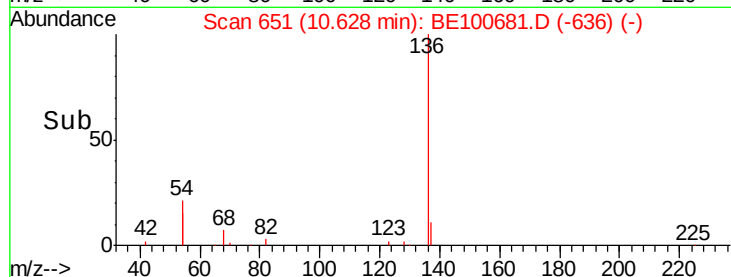


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.498 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE100681.D

Acq: 28 Oct 2019 19:43

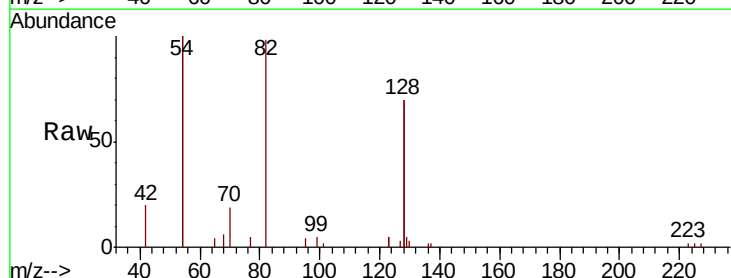
Tgt Ion: 82 Resp: 4346

Ion Ratio Lower Upper

82 100

128 143.6 107.8 161.8

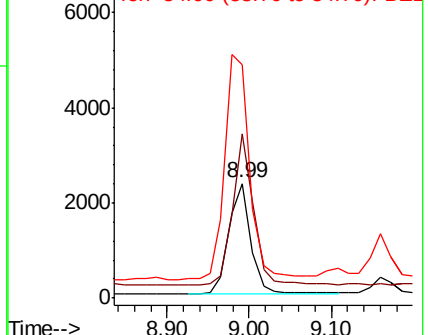
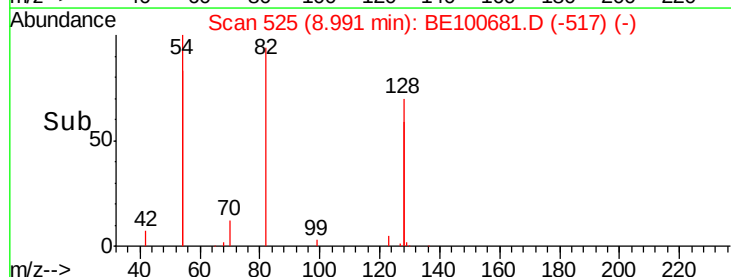
54 203.9 166.1 249.1

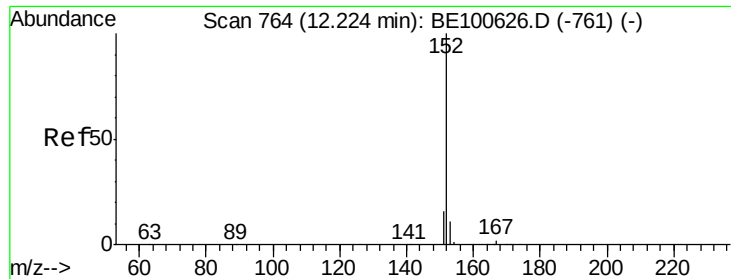


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

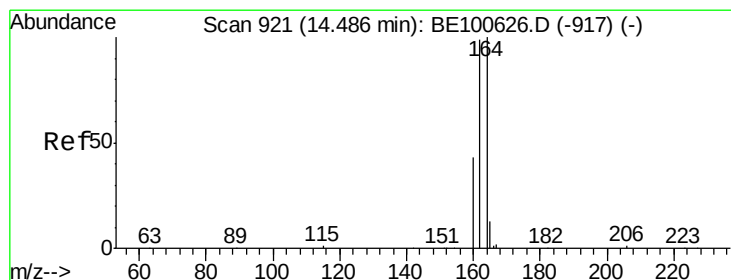
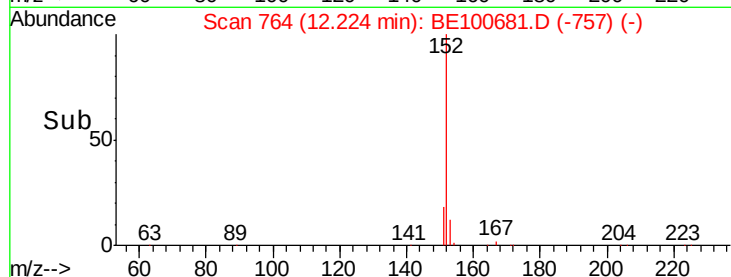
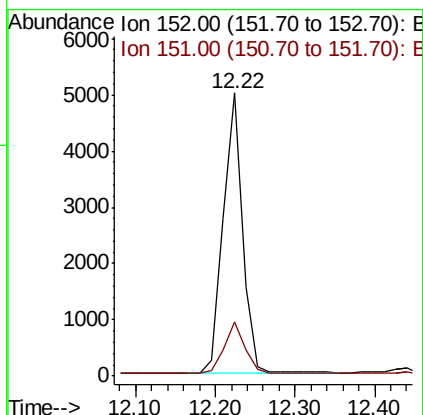
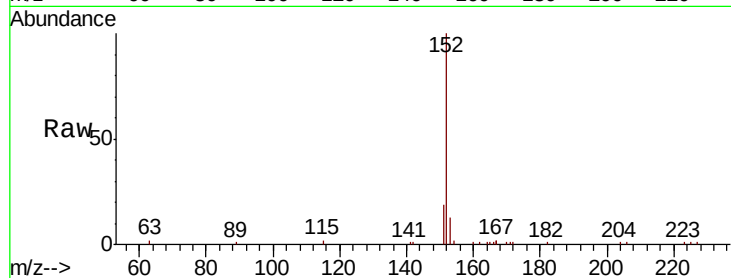




#11
 2-Methylnaphthalene-d10
 Concen: 0.377 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE100681.D
 Acq: 28 Oct 2019 19:43

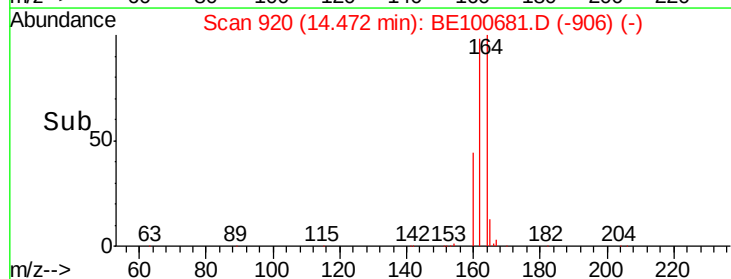
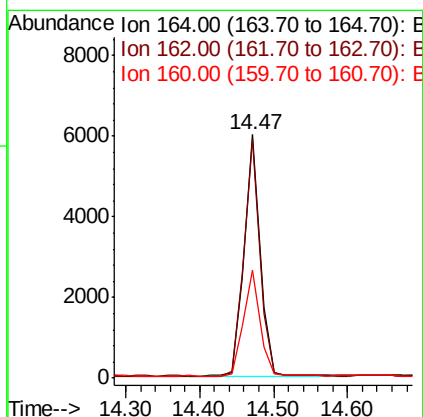
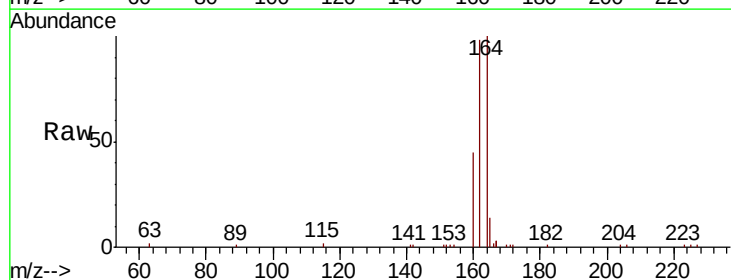
Instrument :
 BNA_E
 ClientSampleId :

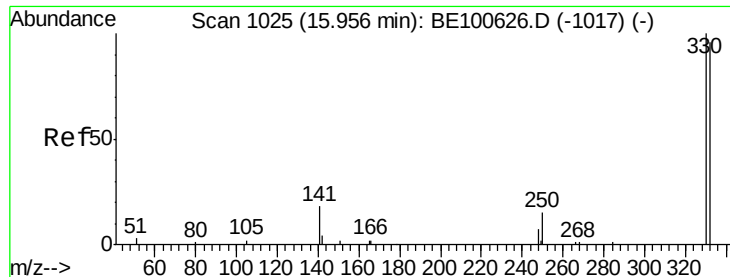
Tot Ion:152 Resp: 8359
 Ion Ratio Lower Upper
 152 100
 151 19.6 14.7 22.1



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BE100681.D
 Acq: 28 Oct 2019 19:43

Tgt Ion:164 Resp: 8972
 Ion Ratio Lower Upper
 164 100
 162 98.1 82.0 123.0
 160 44.5 37.5 56.3





#14

2,4,6-Tribromophenol

Concen: 0.572 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE100681.D

Acq: 28 Oct 2019 19:43

Instrument :

BNA_E

ClientSampled :

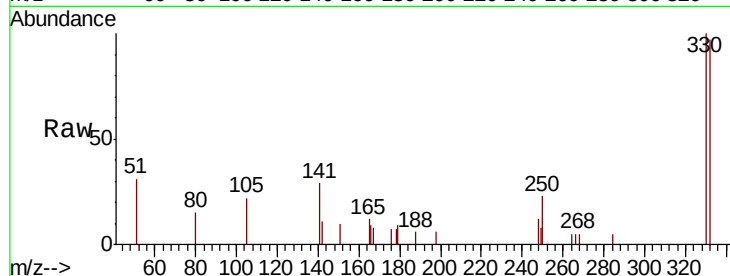
Tot Ion:330 Resp: 1355

Ion Ratio Lower Upper

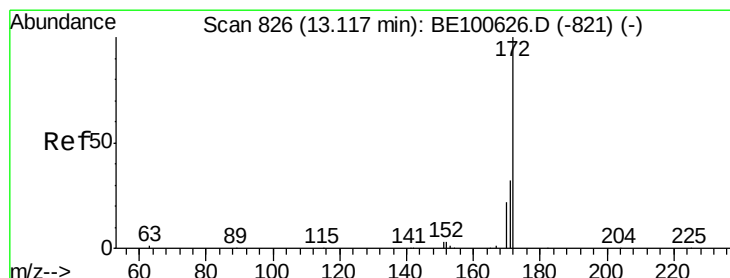
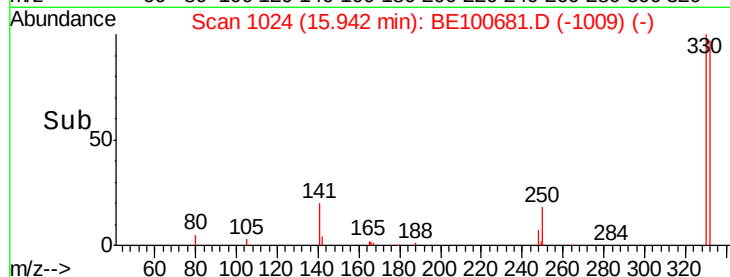
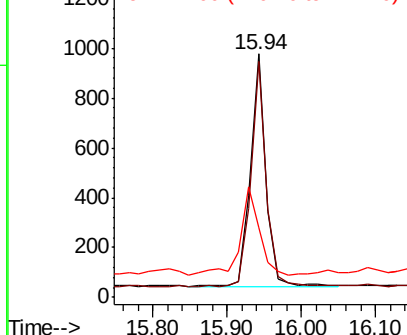
330 100

332 95.8 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: 0.416 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE100681.D

Acq: 28 Oct 2019 19:43

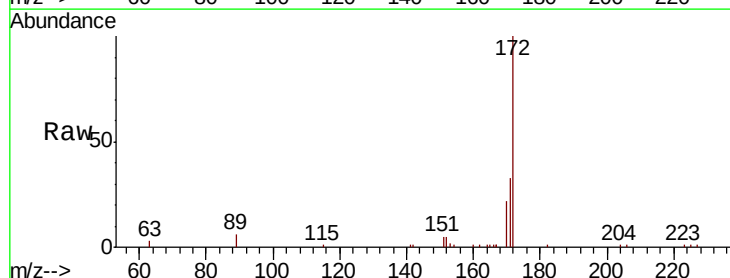
Tgt Ion:172 Resp: 13587

Ion Ratio Lower Upper

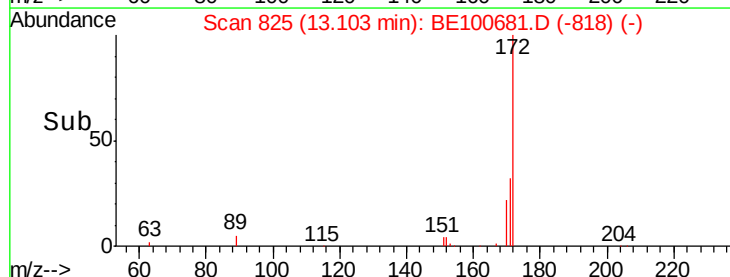
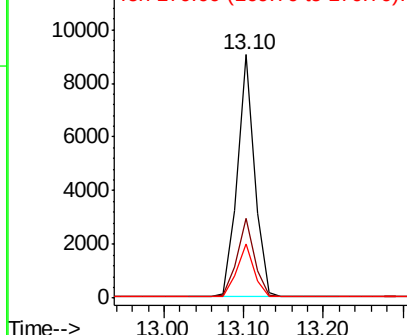
172 100

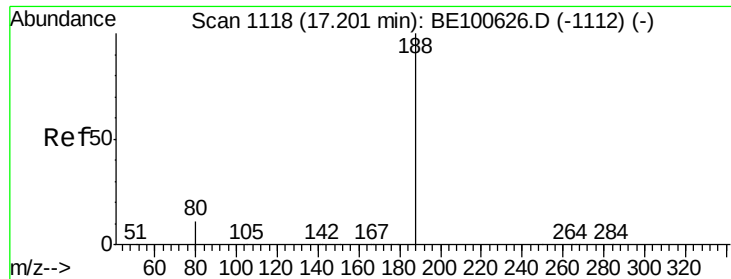
171 32.7 26.5 39.7

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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100681.D

Acq: 28 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

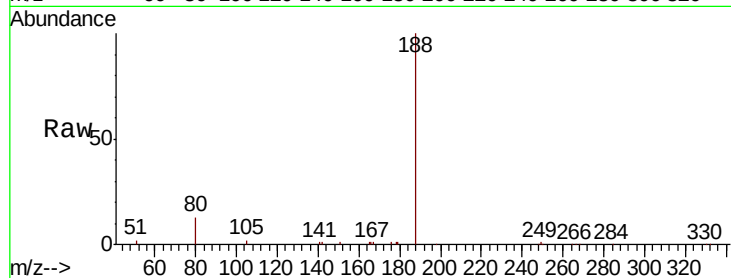
Tot Ion:188 Resp: 21143

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

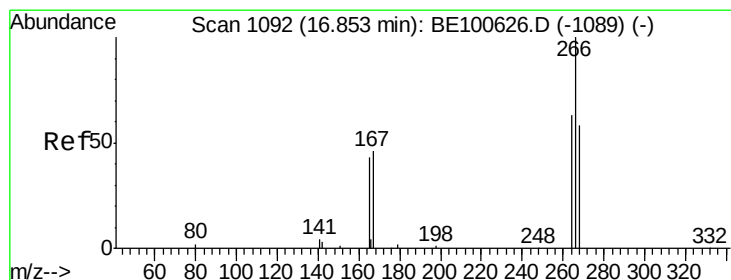
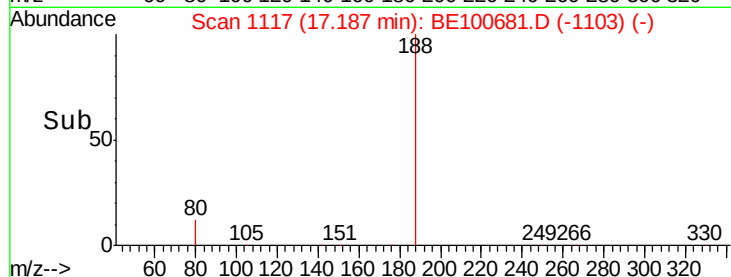
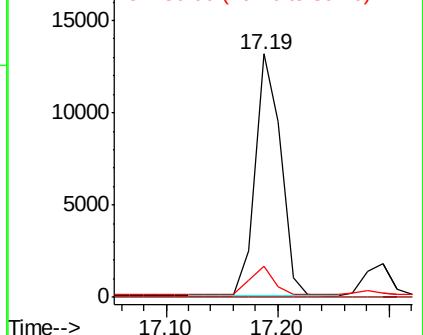
80 12.8 5.4 8.0#



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: 0.042 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE100681.D

Acq: 28 Oct 2019 19:43

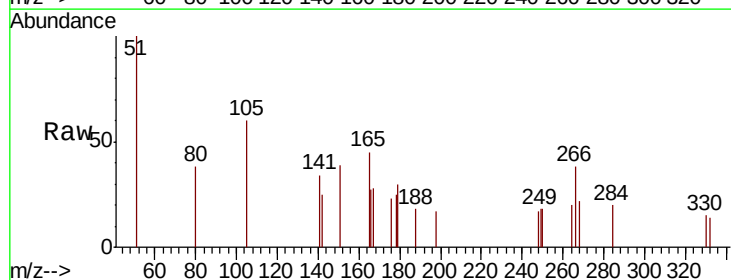
Tgt Ion:266 Resp: 138

Ion Ratio Lower Upper

266 100

264 52.0 52.2 78.4#

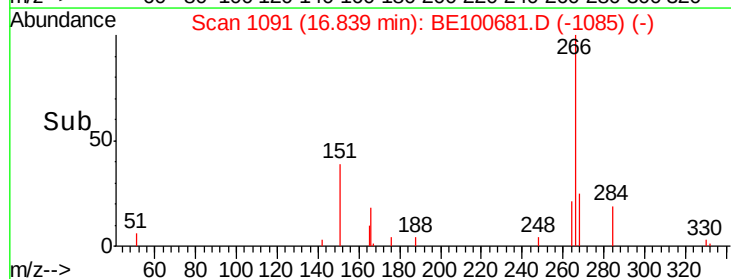
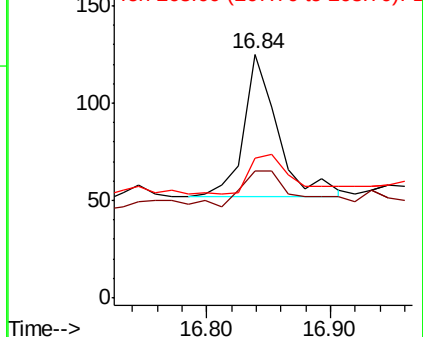
268 57.6 53.1 79.7

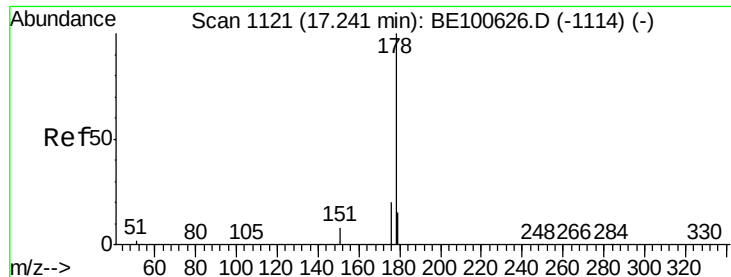


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.030 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE100681.D

Acq: 28 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

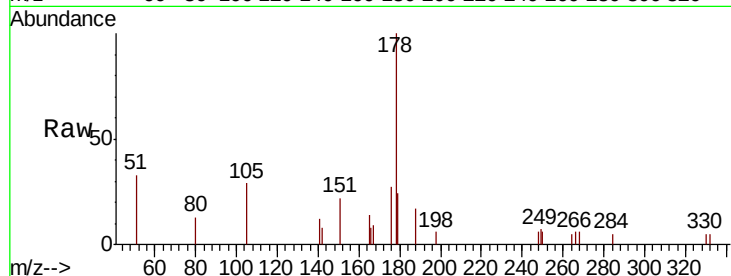
Tot Ion:178 Resp: 1746

Ion Ratio Lower Upper

178 100

176 21.1 15.2 22.8

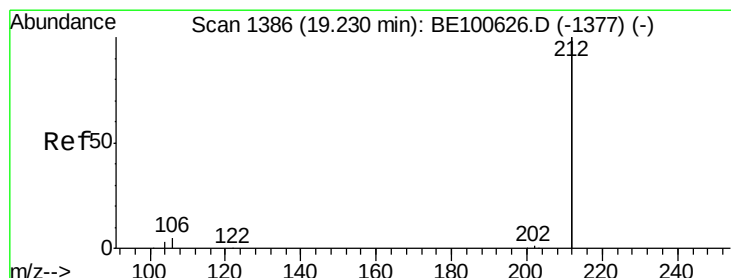
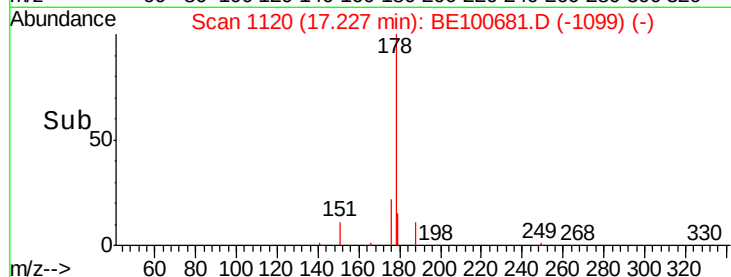
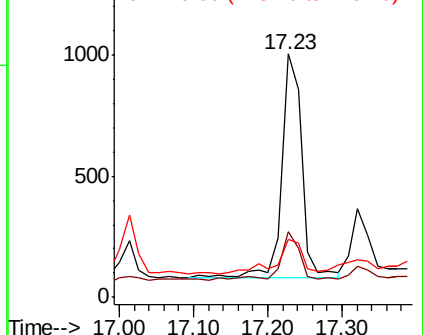
179 21.9 12.1 18.1#



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: 0.446 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BE100681.D

Acq: 28 Oct 2019 19:43

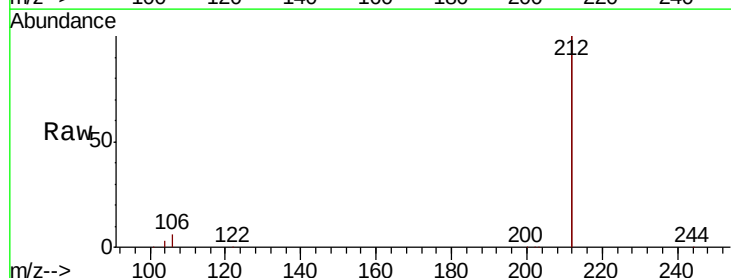
Tgt Ion:212 Resp: 121764

Ion Ratio Lower Upper

212 100

106 3.0 2.3 3.5

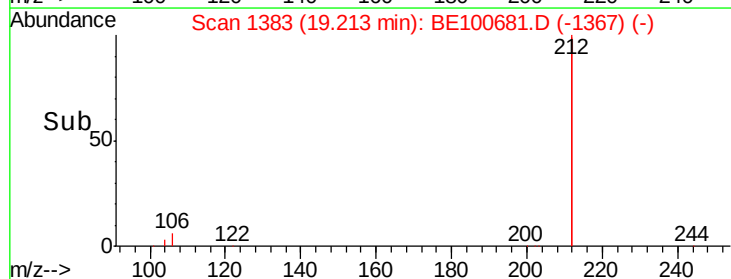
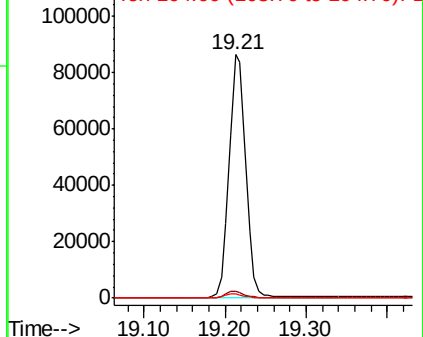
104 1.6 1.3 1.9

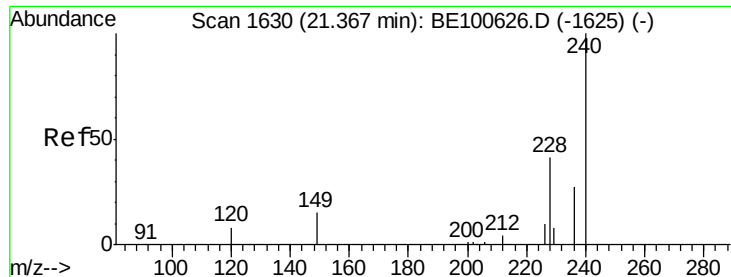


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

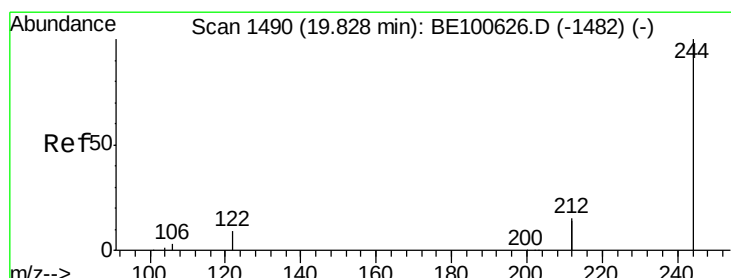
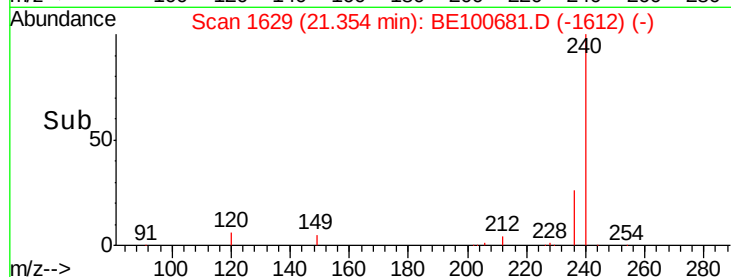
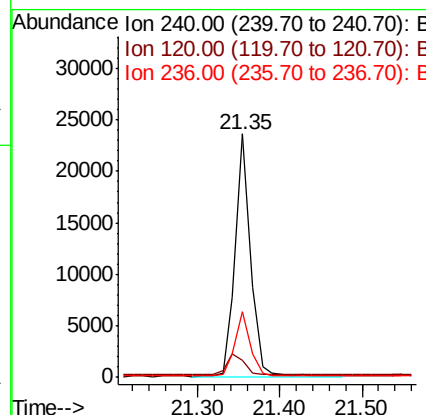
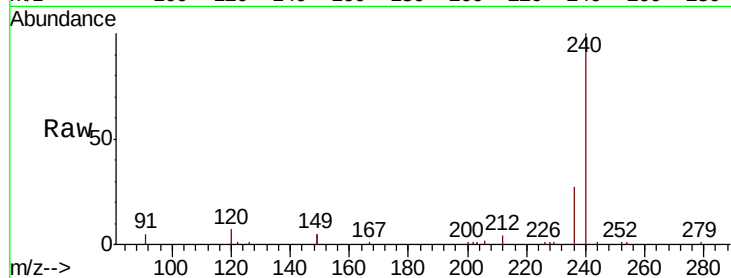




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100681.D
Acq: 28 Oct 2019 19:43

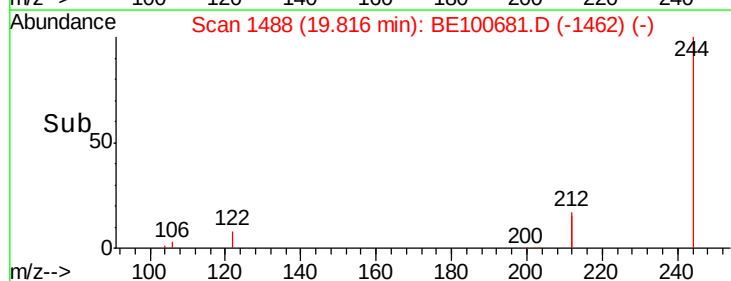
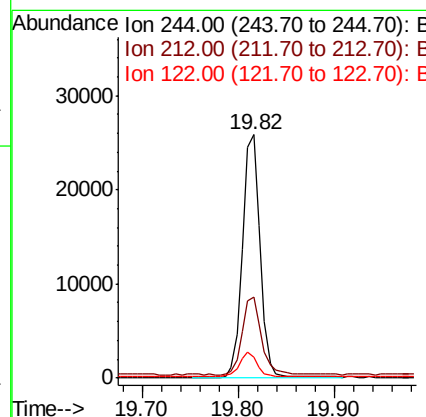
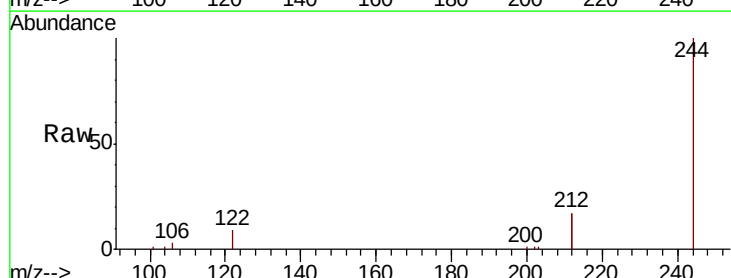
Instrument :
BNA_E
ClientSampleId :

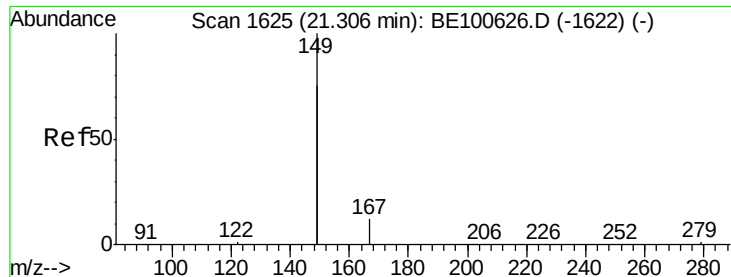
Tot Ion:240 Resp: 30505
Ion Ratio Lower Upper
240 100
120 6.8 7.6 11.4#
236 26.9 22.1 33.1



#29
Terphenyl-d14
Concen: 0.489 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE100681.D
Acq: 28 Oct 2019 19:43

Tgt Ion:244 Resp: 32623
Ion Ratio Lower Upper
244 100
212 33.4 23.7 35.5
122 8.6 7.9 11.9





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.297 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100681.D

Acq: 28 Oct 2019 19:43

Instrument :

BNA_E

ClientSampleId :

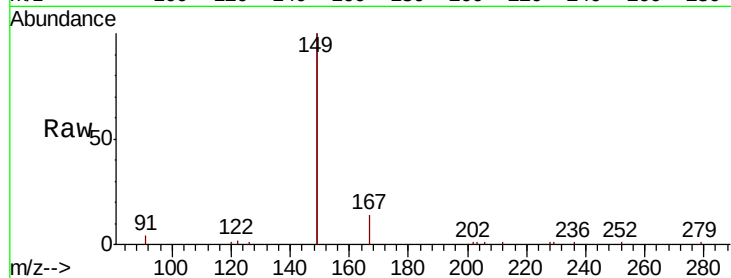
Tot Ion:149 Resp: 61838

Ion Ratio Lower Upper

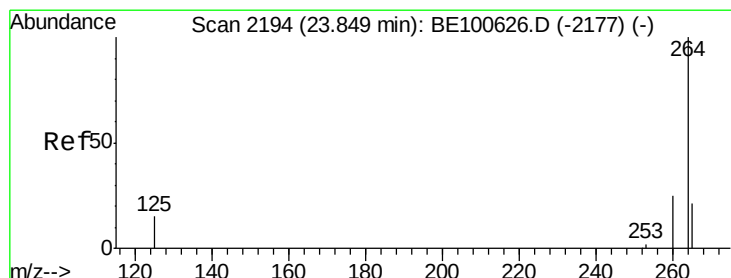
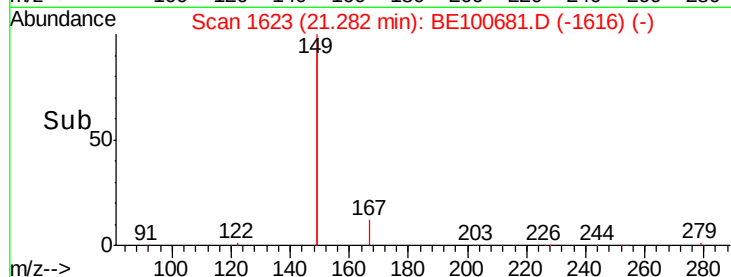
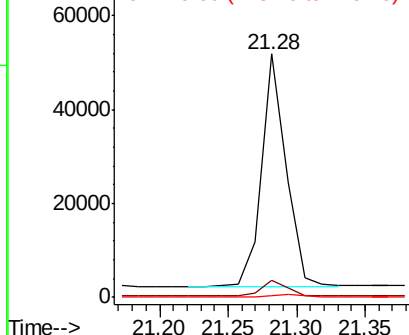
149 100

167 6.6 5.5 8.3

279 1.0 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# 2187

Delta R.T. -0.01 min

Lab File: BE100681.D

Acq: 28 Oct 2019 19:43

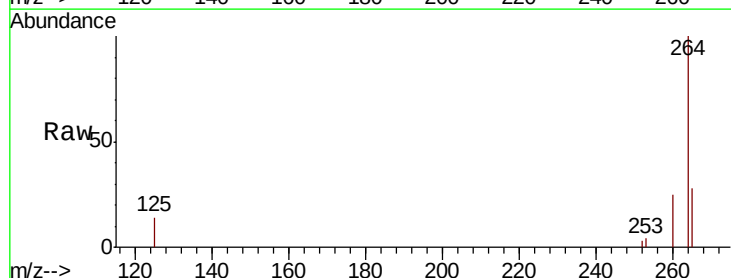
Tgt Ion:264 Resp: 35068

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.2

265 28.0 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

