

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
 Data File : BE100483.D
 Acq On : 22 Jul 2019 16:18
 Operator : HP/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

Quant Time: Jul 22 17:13:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 22 15:44:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2965	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	11866	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	7762	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	20258	0.40	ng	0.00
27) Chrysene-d12	21.38	240	23026	0.40	ng	0.00
34) Perylene-d12	23.85	264	23576	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	31535	4.27	ng	0.00
5) Phenol-d6	7.02	99	48673	4.70	ng	0.00
8) Nitrobenzene-d5	9.02	82	51774	5.40	ng	0.00
11) 2-Methylnaphthalene-d10	0.00	152	0d	0.00	ng	
14) 2,4,6-Tribromophenol	15.97	330	18873	5.79	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	145651	4.56	ng	0.00
25) Fluoranthene-d10	0.00	212	0d	0.00	ng	
29) Terphenyl-d14	19.83	244	272709	5.14	ng	0.00

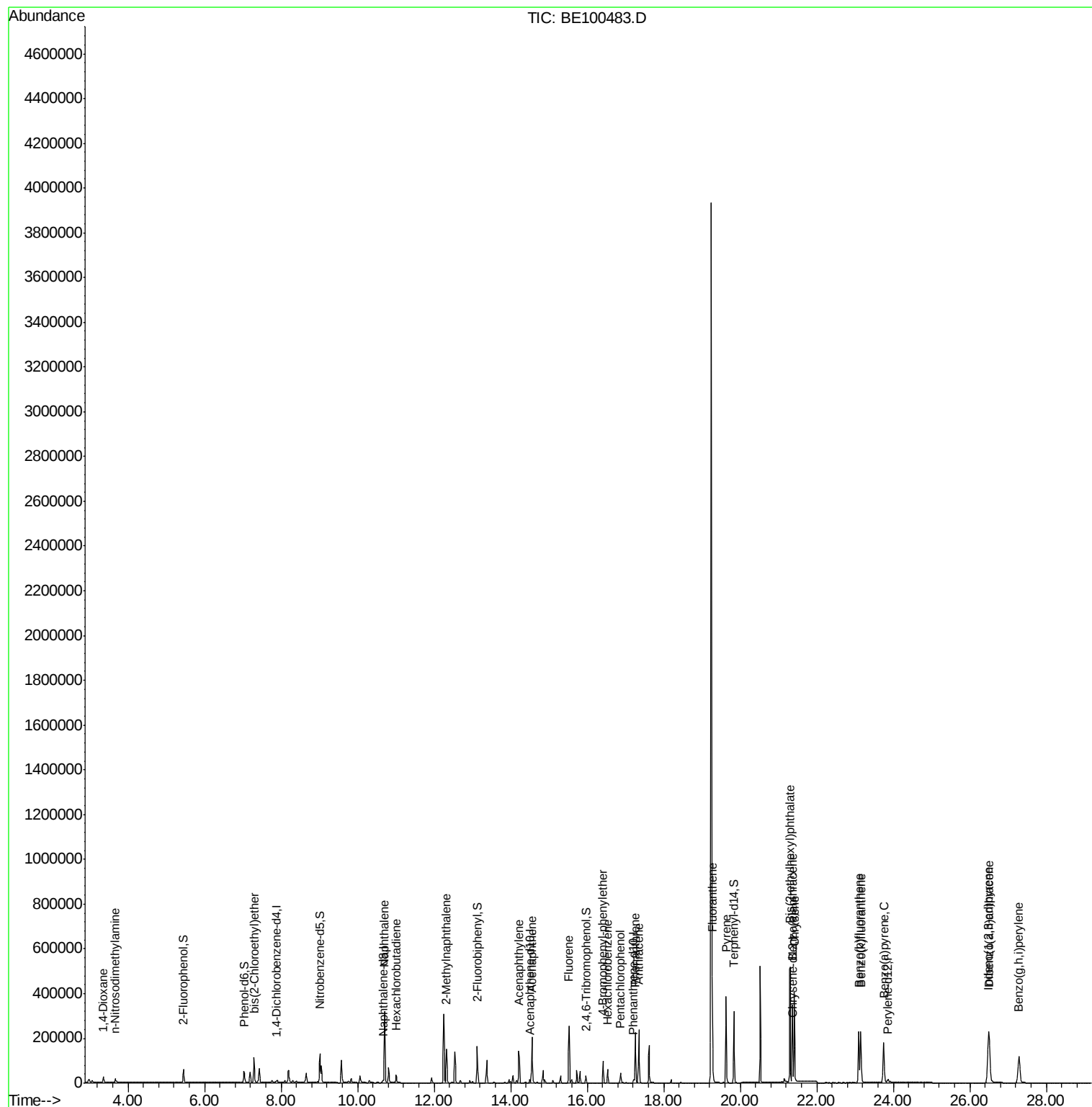
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	16799	3.688	ng	94
3) n-Nitrosodimethylamine	3.66	42	13784	5.236	ng	# 88
6) bis(2-Chloroethyl)ether	7.29	93	40456	4.506	ng	98
9) Naphthalene	10.70	128	541631	4.770	ng	100
10) Hexachlorobutadiene	11.00	225	25129	4.615	ng	99
12) 2-Methylnaphthalene	12.32	142	100769	5.090	ng	99
16) Acenaphthylene	14.21	152	179929	5.045	ng	99
17) Acenaphthene	14.56	154	108580	5.005	ng	96
18) Fluorene	15.53	166	141257	4.896	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	47948	5.128	ng	# 74
21) Hexachlorobenzene	16.53	284	48385	4.964	ng	98
22) Pentachlorophenol	16.87	266	25429	6.446	ng	92
23) Phenanthrene	17.25	178	241271	4.814	ng	100
24) Anthracene	17.35	178	238291	5.089	ng	99
26) Fluoranthene	19.27	202	349457	4.693	ng	98
28) Pyrene	19.63	202	347241	5.128	ng	99
30) Benzo(a)anthracene	21.37	228	337398	4.804	ng	98
31) Chrysene	21.41	228	331148	4.727	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	730596	4.687	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.48	276	361988	4.780	ng	98
35) Benzo(b)fluoranthene	23.10	252	316444	4.858	ng	# 92
36) Benzo(k)fluoranthene	23.15	252	333477	4.818	ng	# 88
37) Benzo(a)pyrene	23.75	252	306633	4.880	ng	# 89
38) Dibenzo(a,h)anthracene	26.51	278	297321	5.024	ng	# 90
39) Benzo(g,h,i)perylene	27.28	276	295233	4.843	ng	93

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

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QLast Update : Mon Jul 22 15:44:08 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 435

Delta R.T. 0.00 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

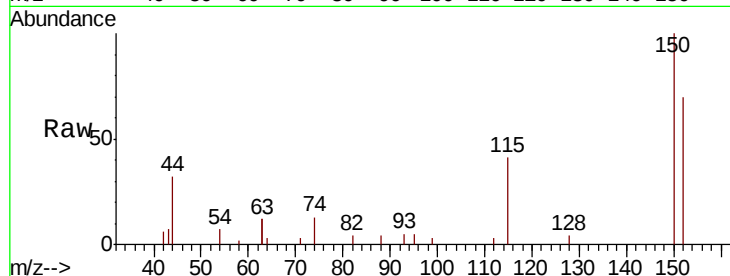
Tot Ion:152 Resp: 2965

Ion Ratio Lower Upper

152 100

150 141.9 115.0 172.6

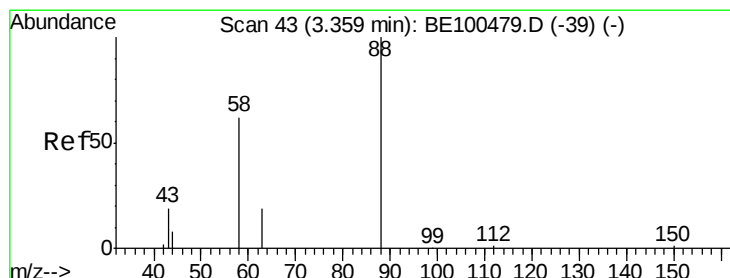
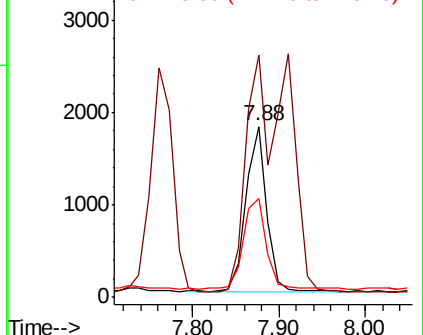
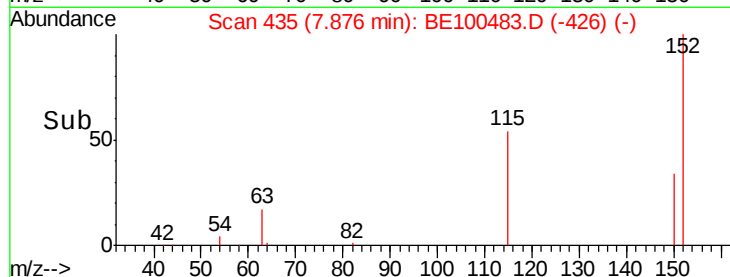
115 58.0 52.9 79.3



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: 3.688 ng

RT: 3.35 min Scan# 42

Delta R.T. -0.01 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

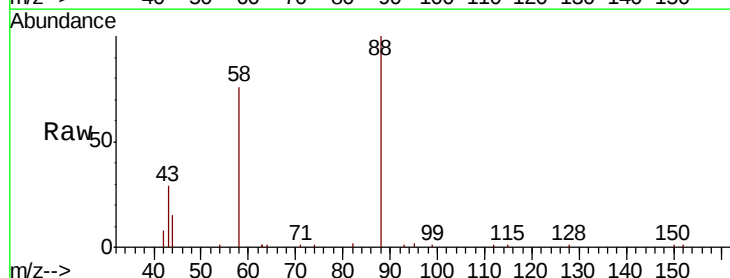
Tgt Ion: 88 Resp: 16799

Ion Ratio Lower Upper

88 100

58 72.3 53.2 79.8

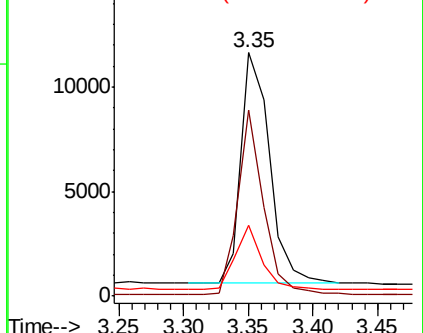
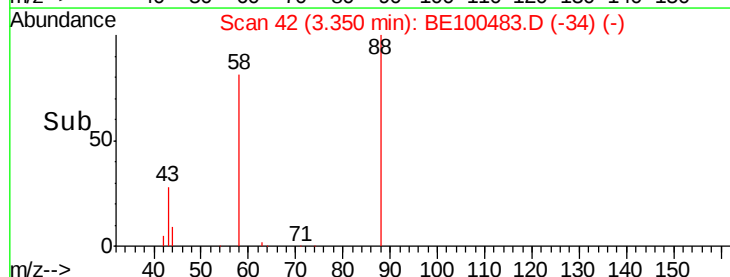
43 25.2 20.8 31.2

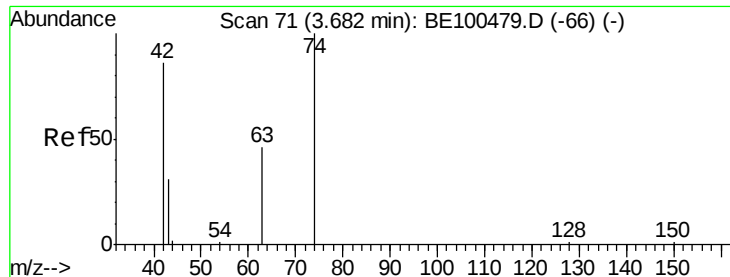


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 5.236 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.02 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

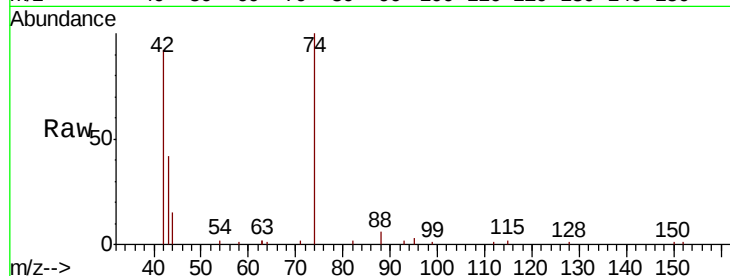
Tot Ion: 42 Resp: 13784

Ion Ratio Lower Upper

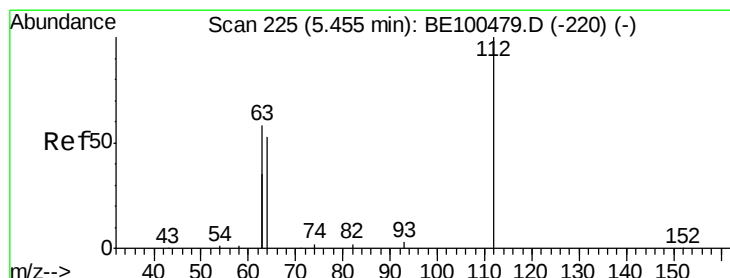
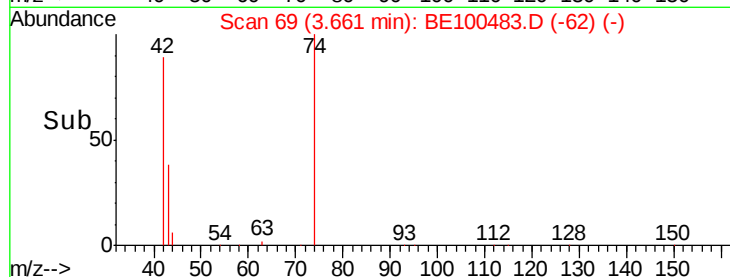
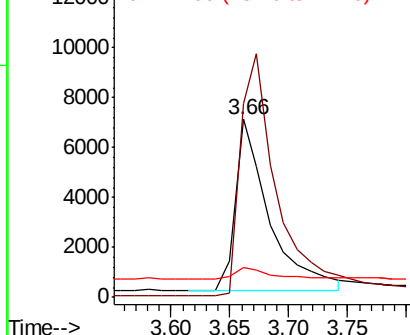
42 100

74 154.0 0.0 0.0#

44 7.5 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 4.275 ng

RT: 5.45 min Scan# 224

Delta R.T. -0.01 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

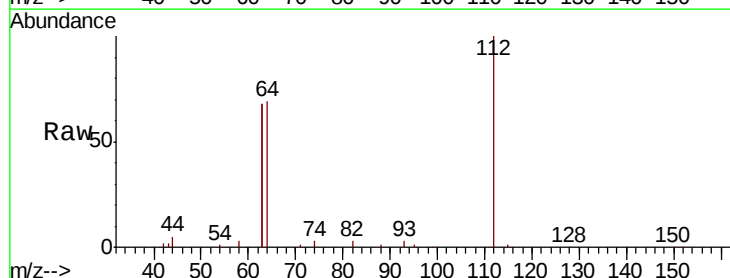
Tgt Ion: 112 Resp: 31535

Ion Ratio Lower Upper

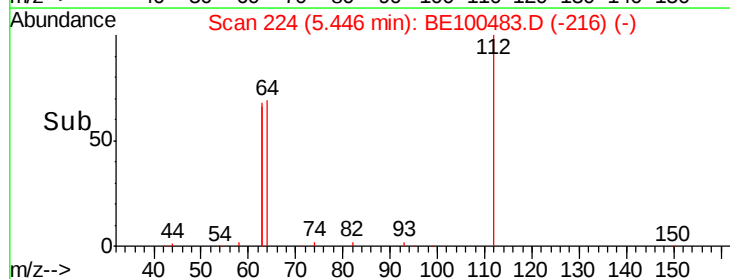
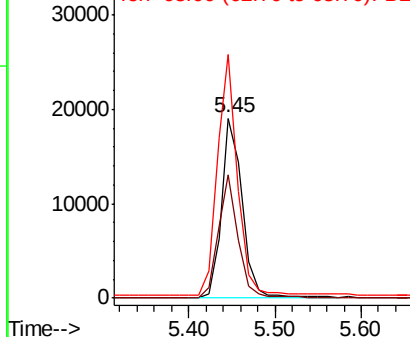
112 100

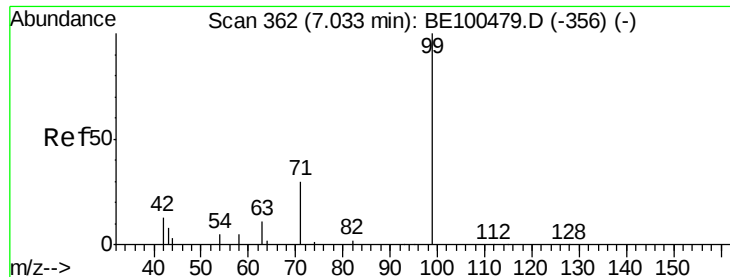
64 66.0 54.1 81.1

63 132.3 104.6 157.0



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: 4.697 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.01 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

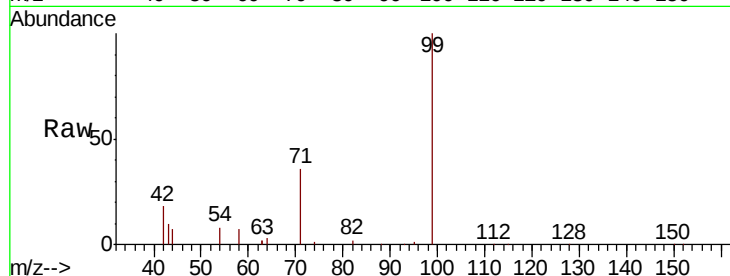
Tot Ion: 99 Resp: 48673

Ion Ratio Lower Upper

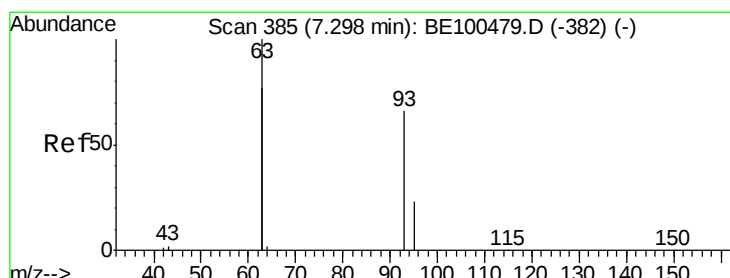
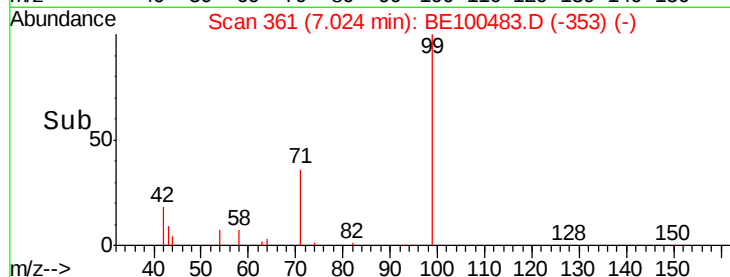
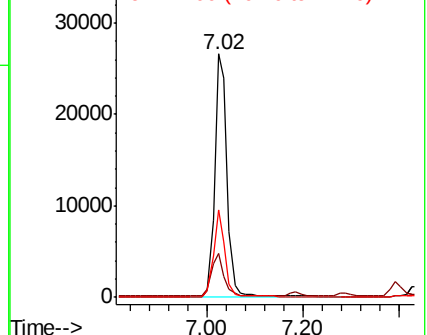
99 100

42 17.7 14.5 21.7

71 32.3 26.4 39.6



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: 4.506 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.01 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

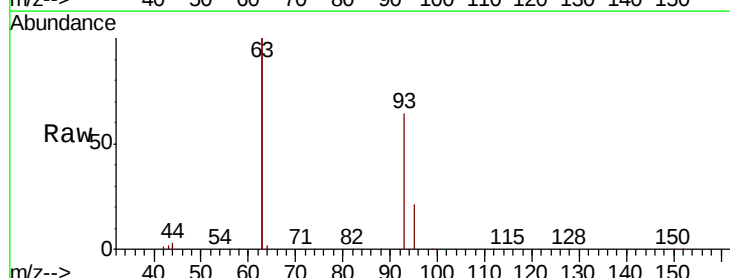
Tgt Ion: 93 Resp: 40456

Ion Ratio Lower Upper

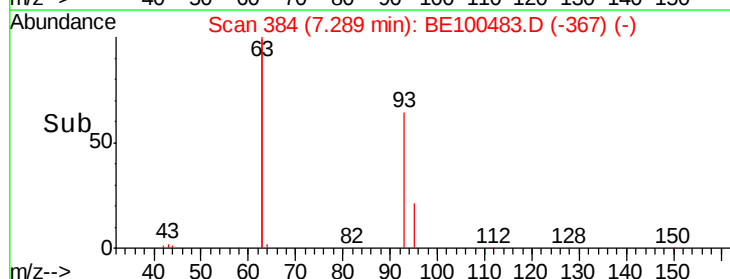
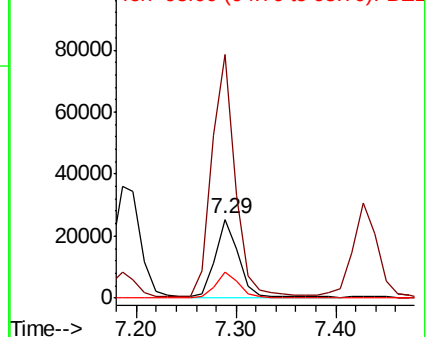
93 100

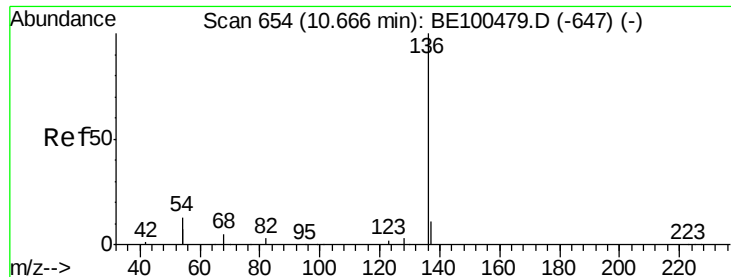
63 314.7 248.3 372.5

95 32.4 25.4 38.0



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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 11866

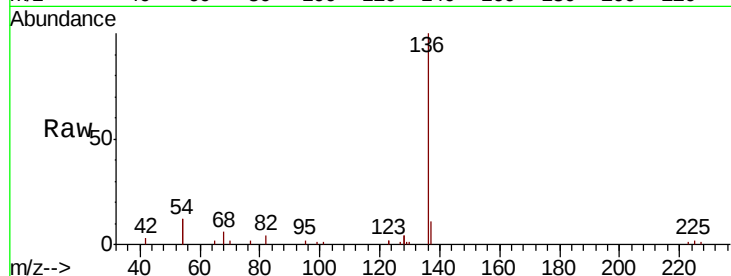
Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.6

54 23.6 20.6 31.0

68 5.8 5.3 7.9

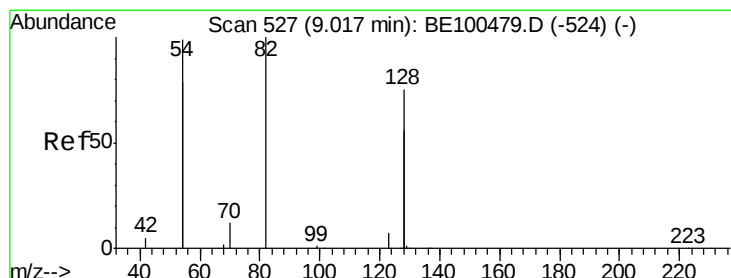
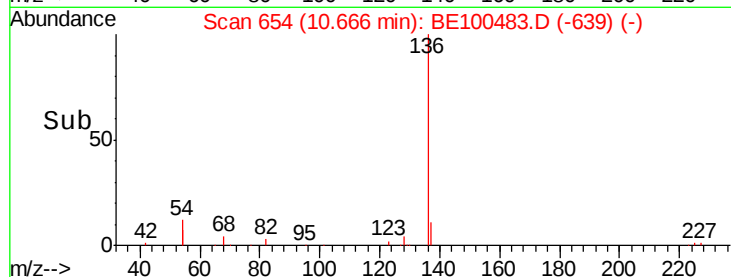
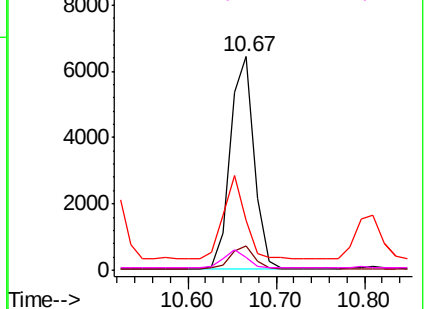


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.399 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

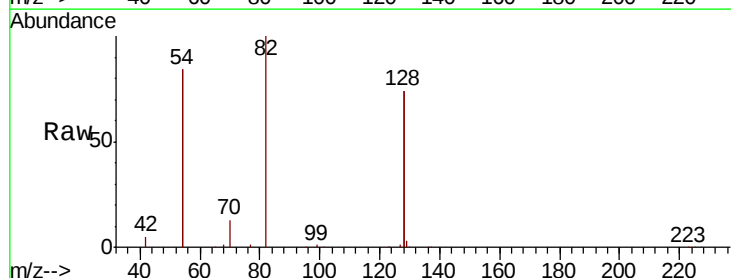
Tgt Ion: 82 Resp: 51774

Ion Ratio Lower Upper

82 100

128 147.6 113.6 170.4

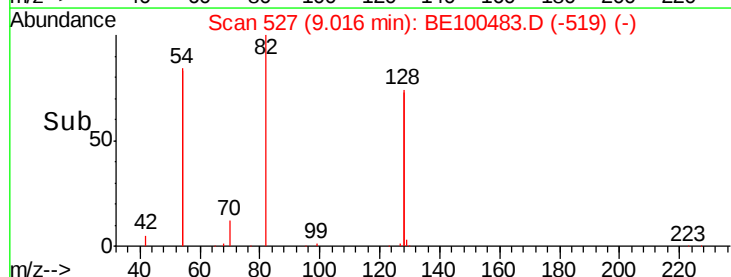
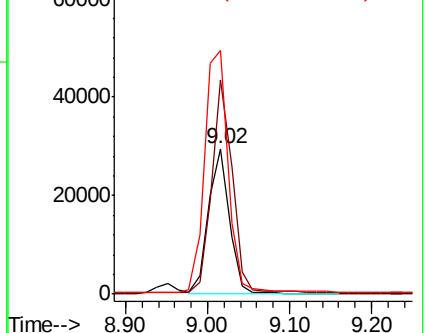
54 167.4 150.6 226.0

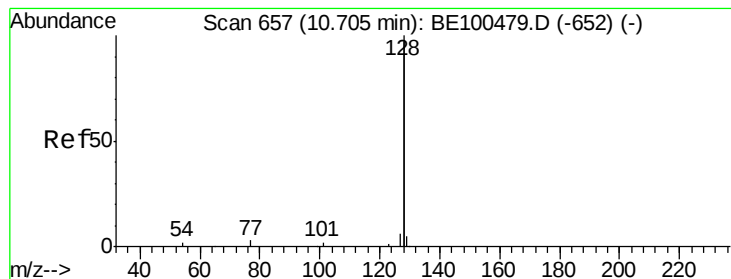


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 4.770 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

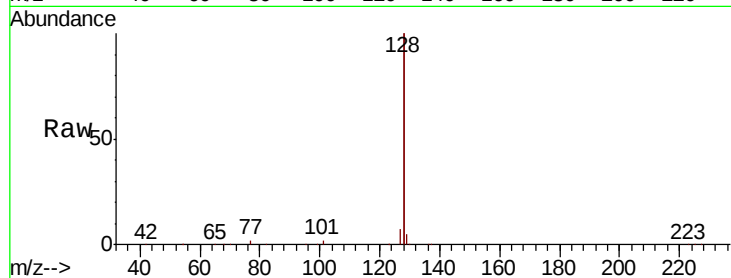
Tot Ion:128 Resp: 541631

Ion Ratio Lower Upper

128 100

129 2.7 2.3 3.5

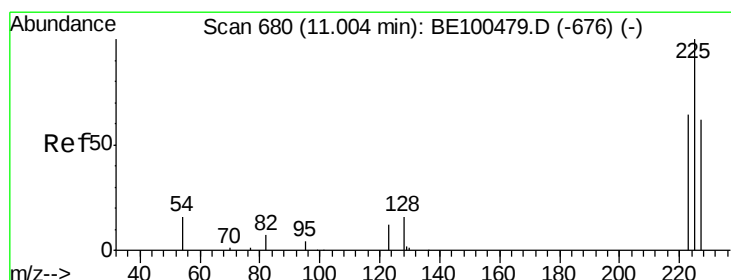
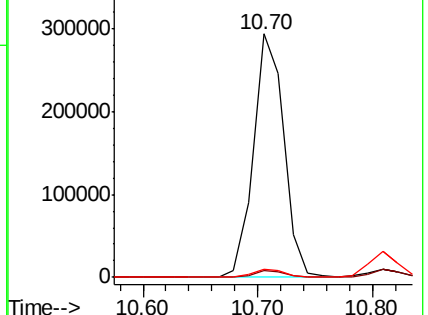
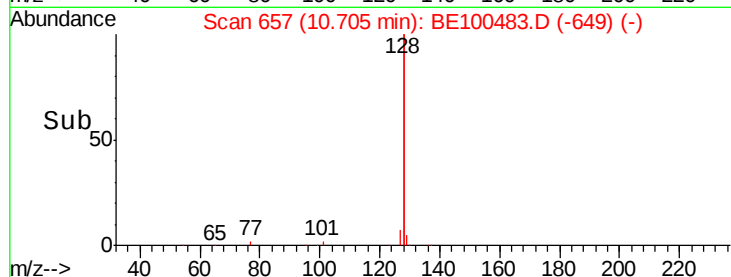
127 3.4 2.7 4.1



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



#10

Hexachlorobutadiene

Concen: 4.615 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

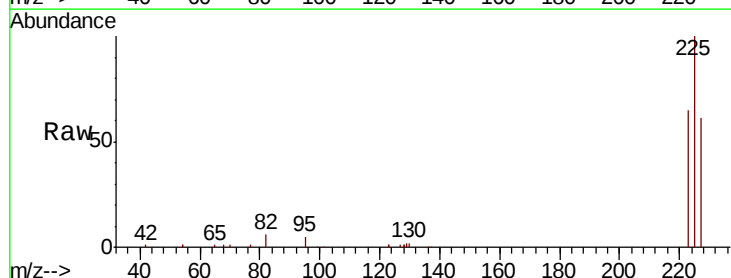
Tgt Ion:225 Resp: 25129

Ion Ratio Lower Upper

225 100

223 62.5 49.4 74.0

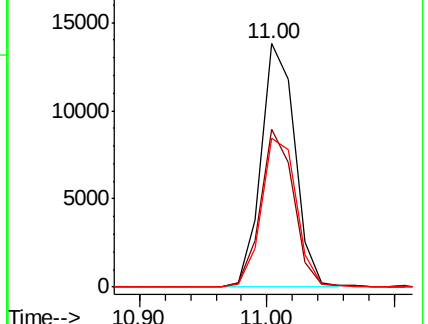
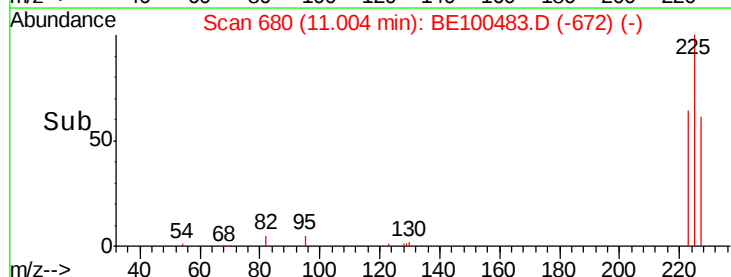
227 63.0 51.4 77.2

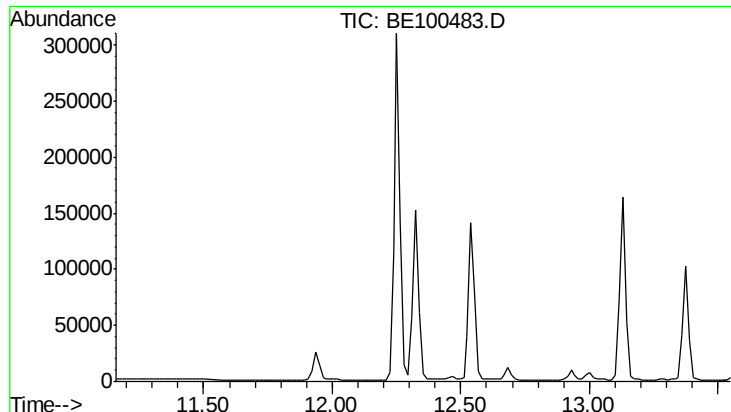


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

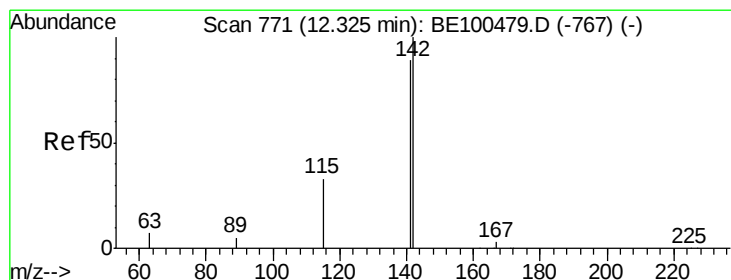
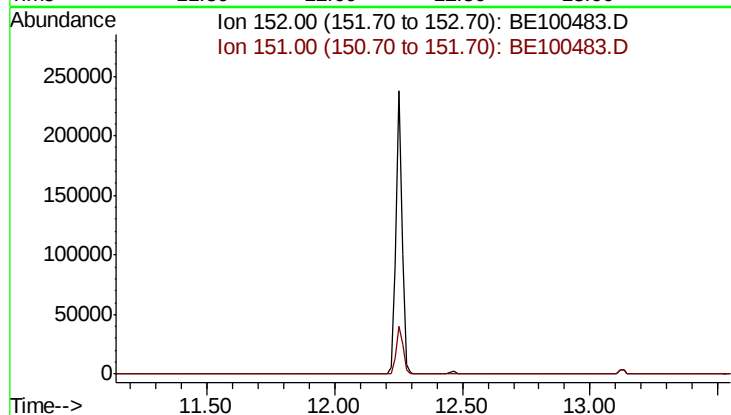




#11
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 Expected RT: 12.25 min
 Lab File: BE100483.D
 Acq: 22 Jul 2019 16:18

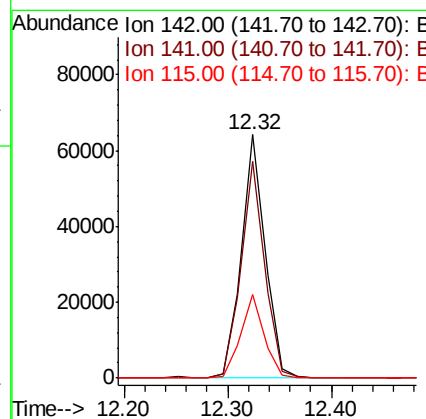
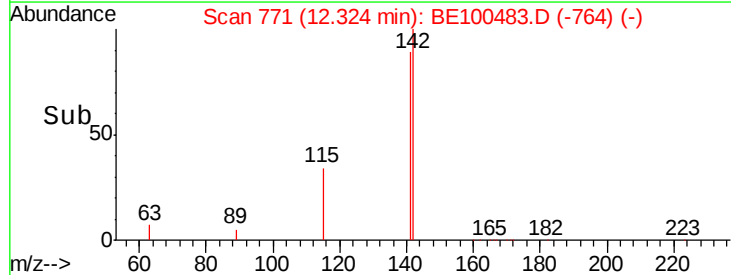
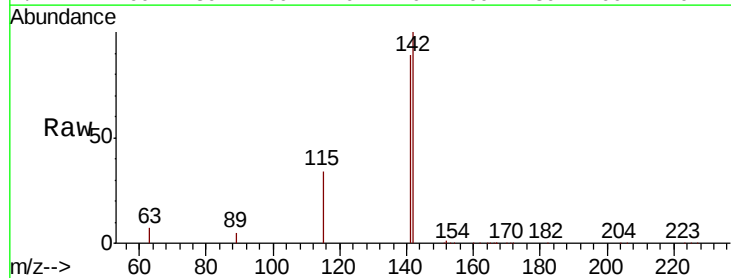
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

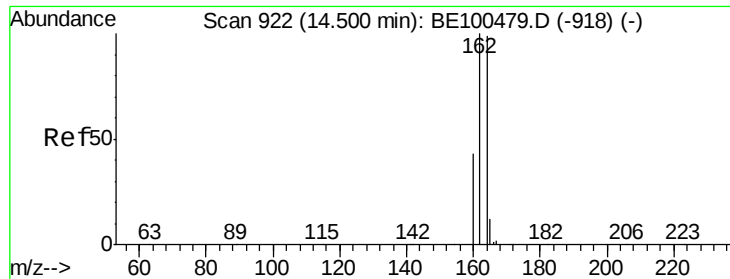
Tot Ion: 152
 Sig Exp Ratio
 152 100
 151 18.9



#12
 2-Methylnaphthalene
 Concen: 5.090 ng
 RT: 12.32 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BE100483.D
 Acq: 22 Jul 2019 16:18

Tgt Ion: 142 Resp: 100769
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.7 107.5
 115 34.2 27.8 41.6

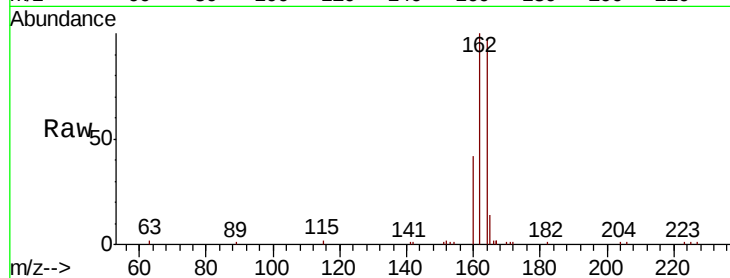




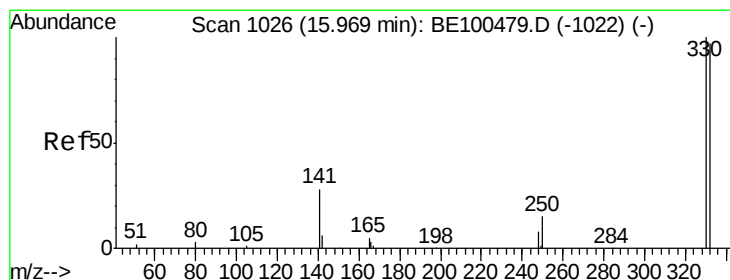
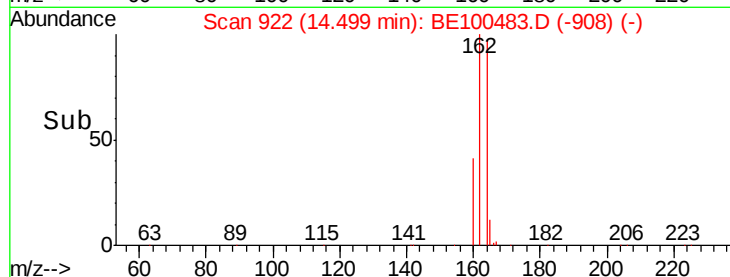
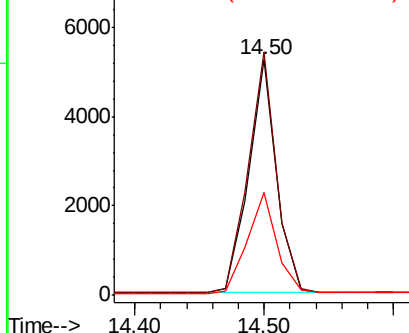
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100483.D
Acq: 22 Jul 2019 16:18

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion:164 Resp: 7762
Ion Ratio Lower Upper
164 100
162 103.4 80.8 121.2
160 43.4 34.9 52.3

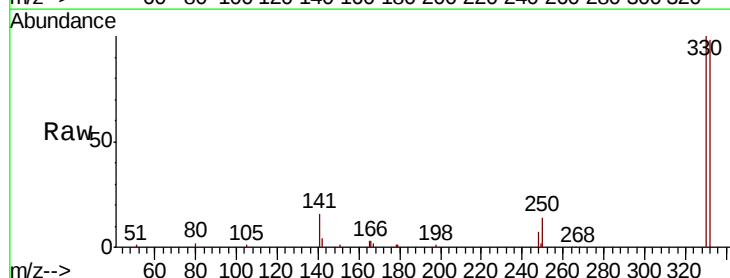


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

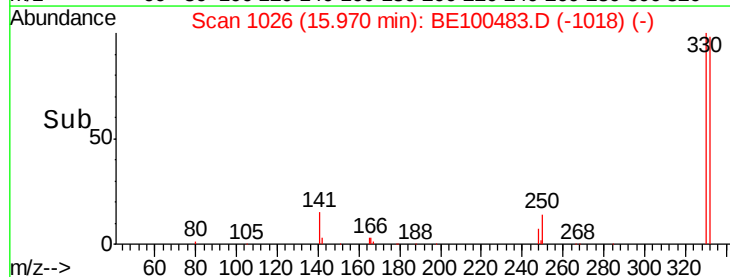
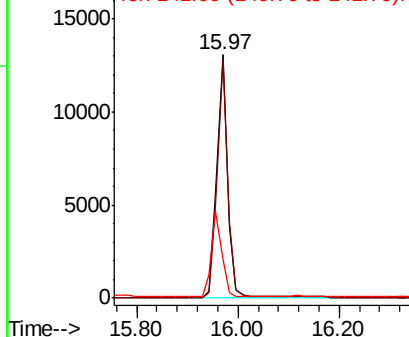


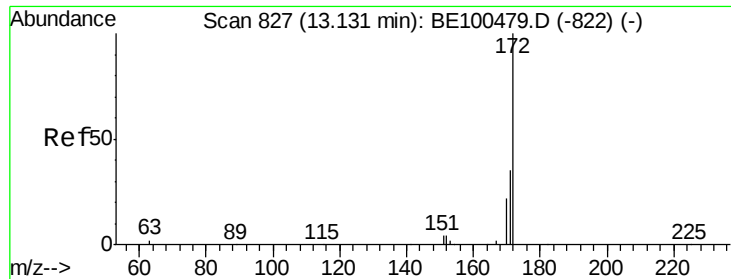
#14
2,4,6-Tribromophenol
Concen: 5.790 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100483.D
Acq: 22 Jul 2019 16:18

Tgt Ion:330 Resp: 18873
Ion Ratio Lower Upper
330 100
332 96.7 80.5 120.7
141 35.1 29.9 44.9



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

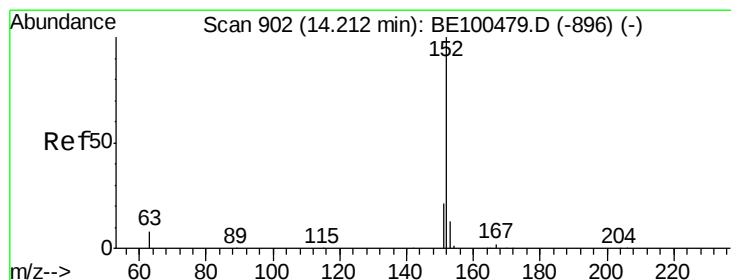
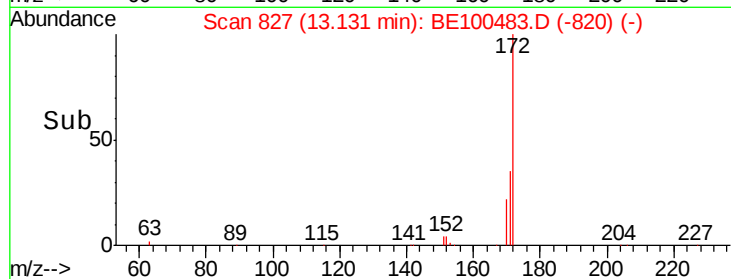
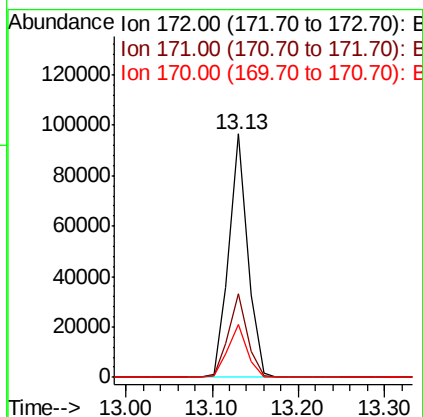
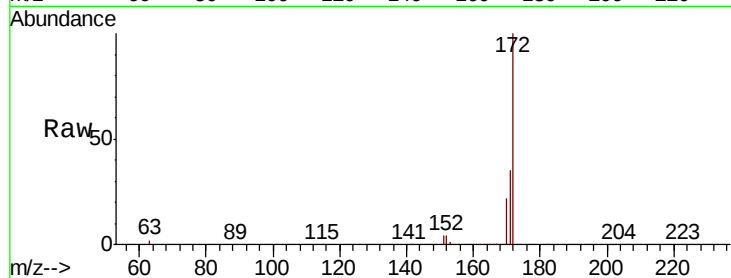




#15
2-Fluorobiphenyl
Concen: 4.561 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100483.D
Acq: 22 Jul 2019 16:18

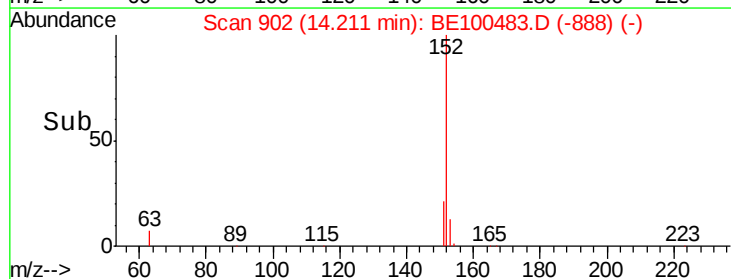
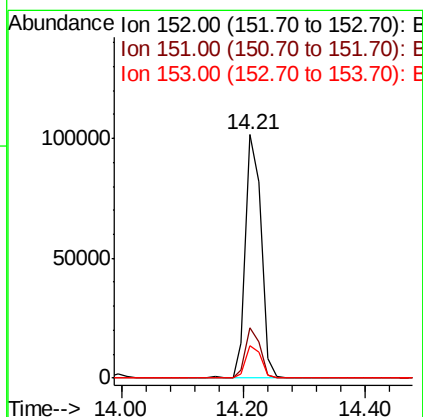
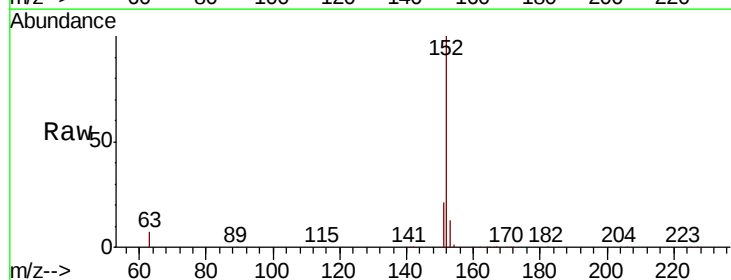
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

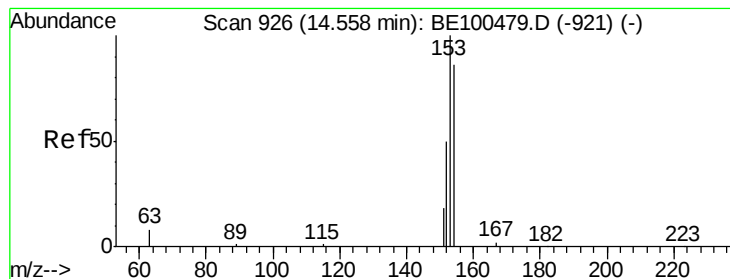
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	21.7	17.8	26.8



#16
Acenaphthylene
Concen: 5.045 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100483.D
Acq: 22 Jul 2019 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.1	10.6	16.0





#17

Acenaphthene

Concen: 5.005 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

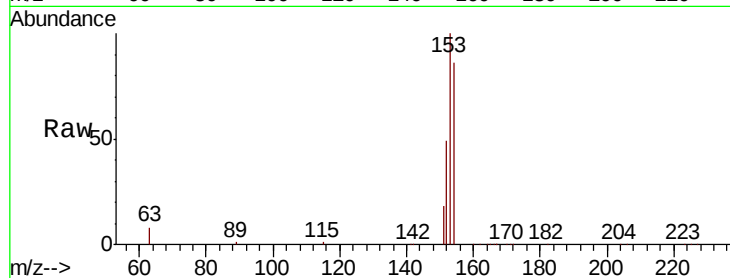
Tot Ion:154 Resp: 108580

Ion Ratio Lower Upper

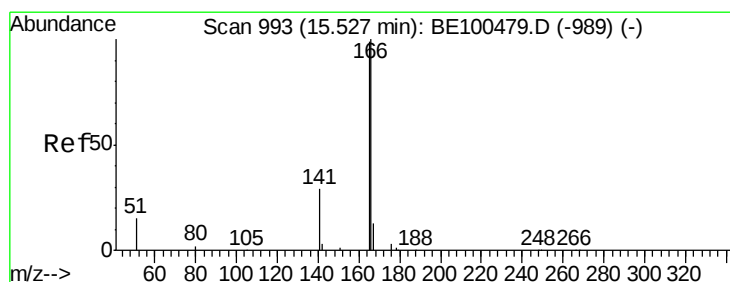
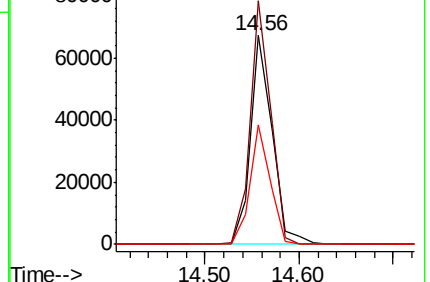
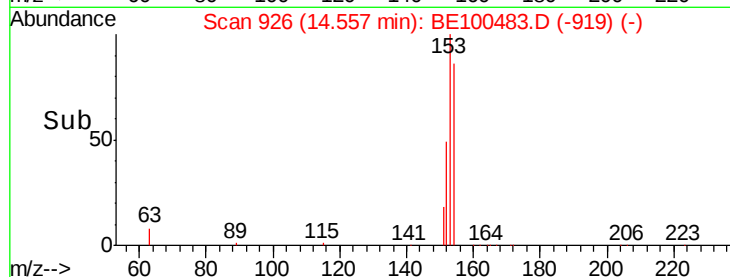
154 100

153 109.8 90.8 136.2

152 53.1 45.1 67.7



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



#18

Fluorene

Concen: 4.896 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

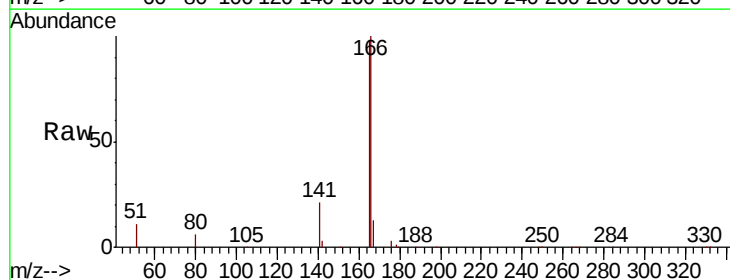
Tgt Ion:166 Resp: 141257

Ion Ratio Lower Upper

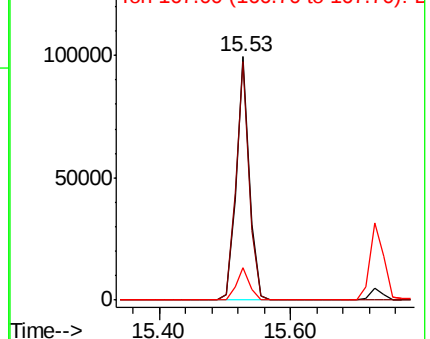
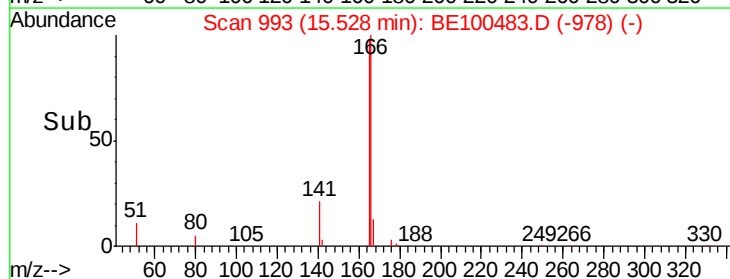
166 100

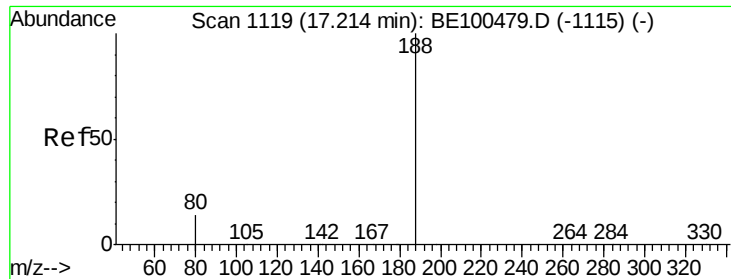
165 99.1 78.3 117.5

167 13.5 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

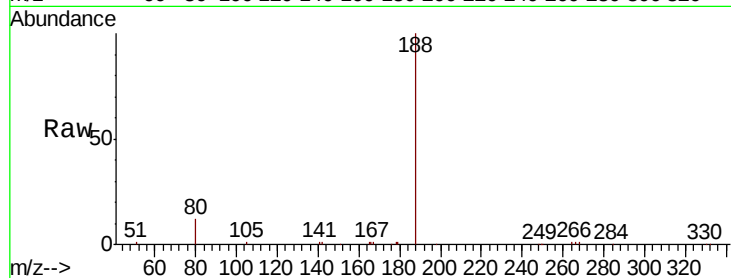
Tot Ion:188 Resp: 20258

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

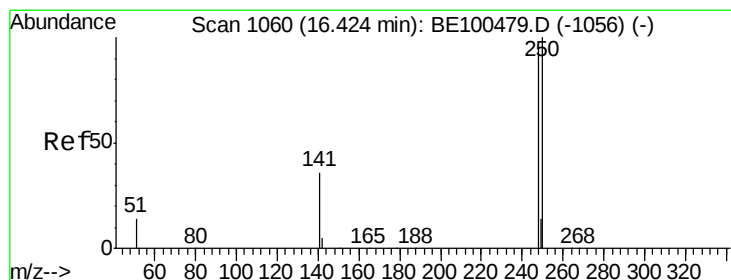
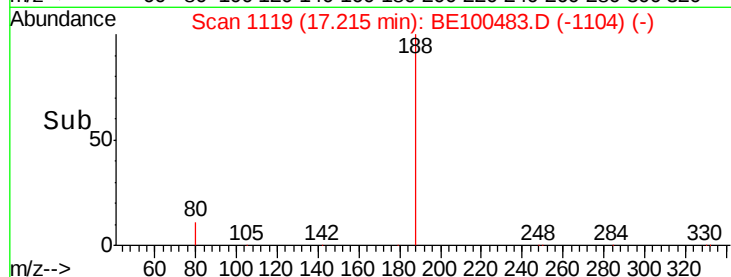
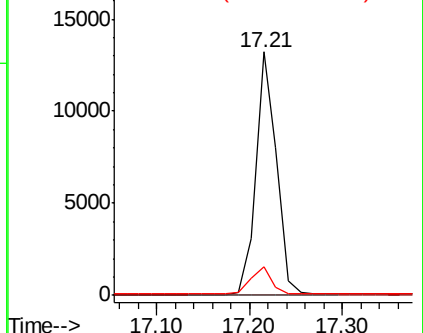
80 11.9 11.9 17.9#



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



#20

4-Bromophenyl-phenylether

Concen: 5.128 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

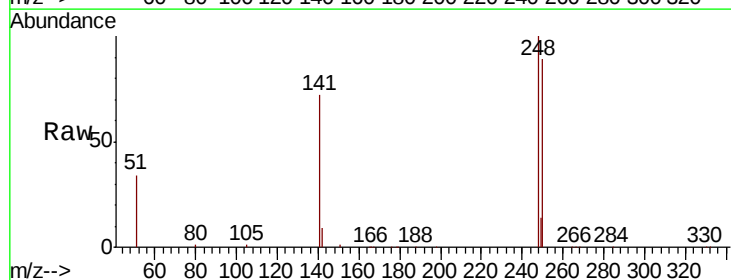
Tgt Ion:248 Resp: 47948

Ion Ratio Lower Upper

248 100

250 89.1 84.4 126.6

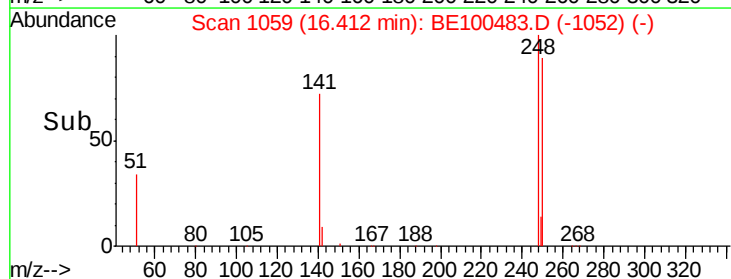
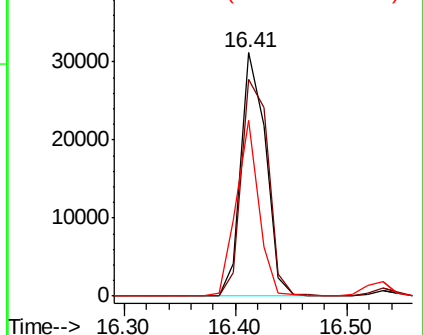
141 72.1 32.2 48.2#

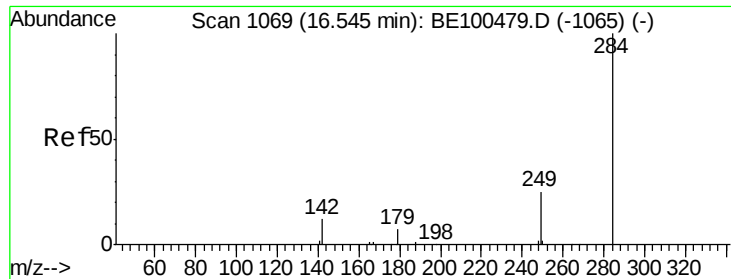


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.964 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

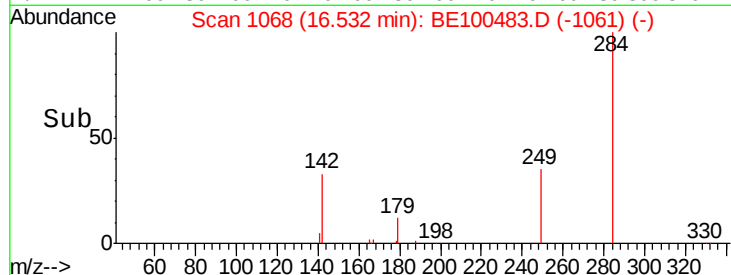
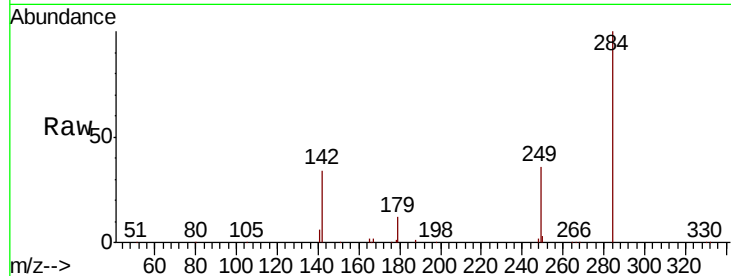
Tot Ion:284 Resp: 48385

Ion Ratio Lower Upper

284 100

142 32.5 26.7 40.1

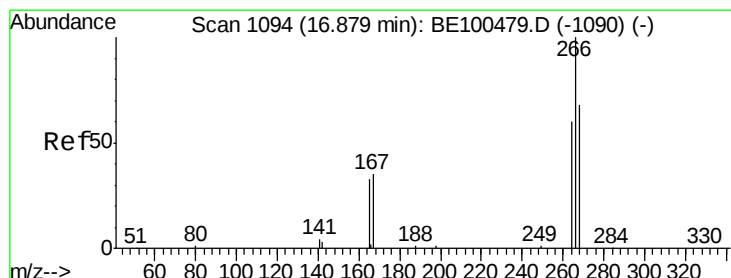
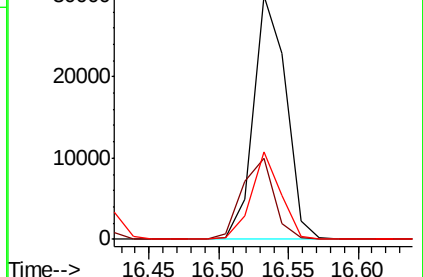
249 32.1 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 6.446 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

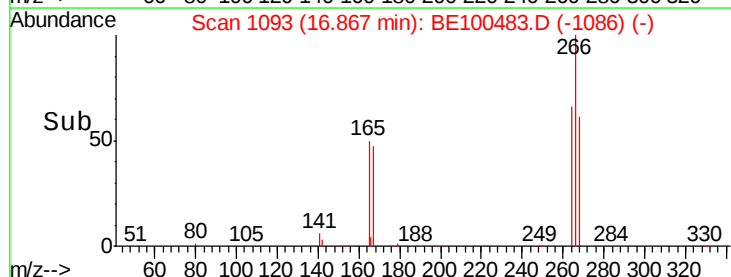
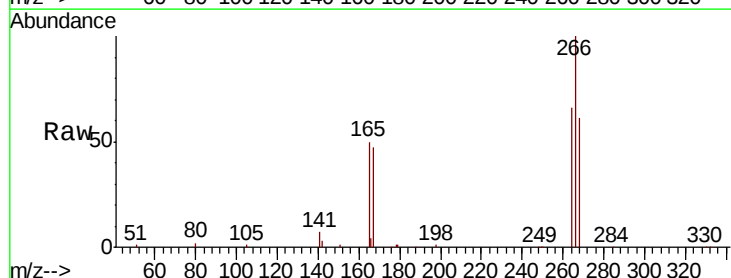
Tgt Ion:266 Resp: 25429

Ion Ratio Lower Upper

266 100

264 66.2 50.4 75.6

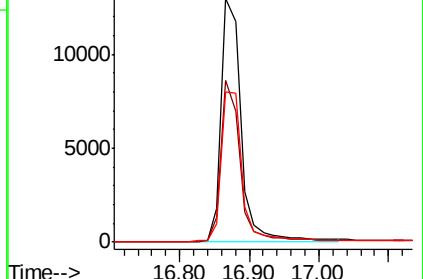
268 61.5 56.6 85.0

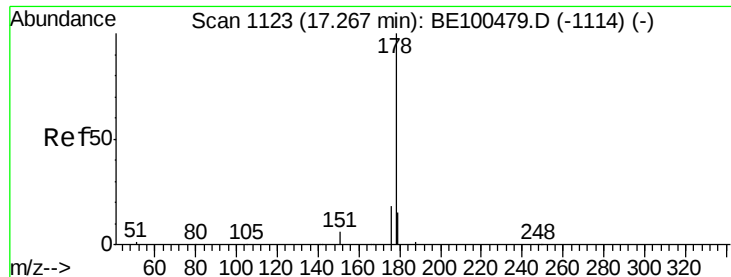


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 4.814 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

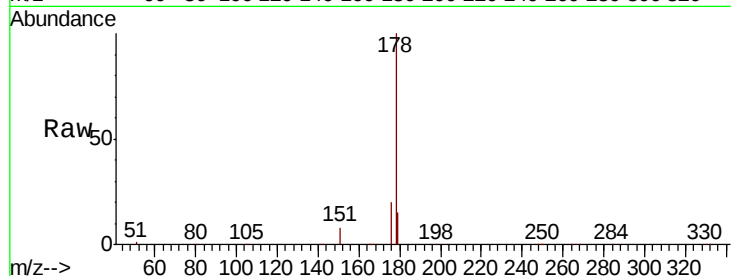
Tot Ion:178 Resp: 241271

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

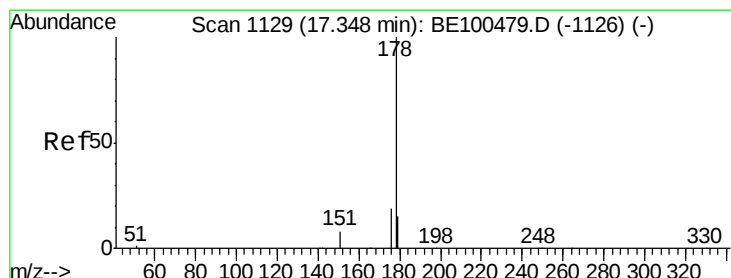
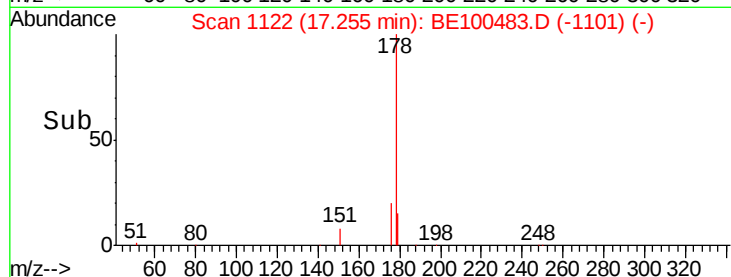
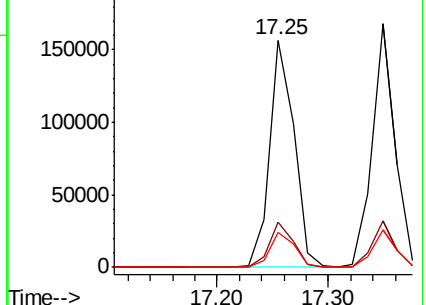
179 15.3 12.6 18.8



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



#24

Anthracene

Concen: 5.089 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

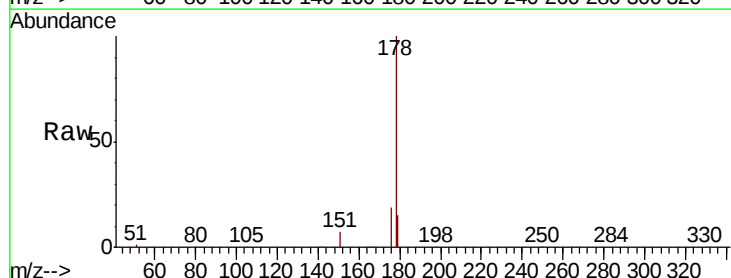
Tgt Ion:178 Resp: 238291

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

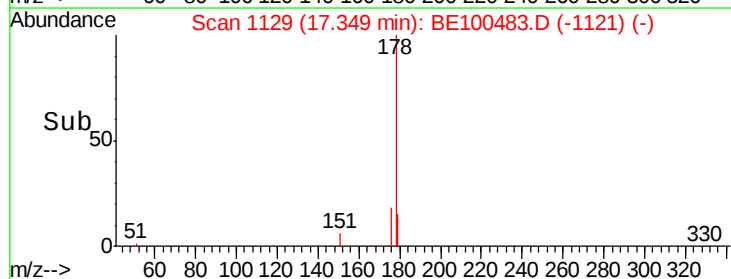
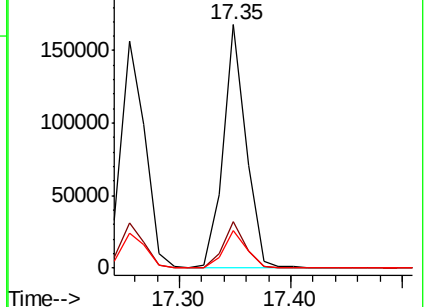
179 15.3 12.2 18.2

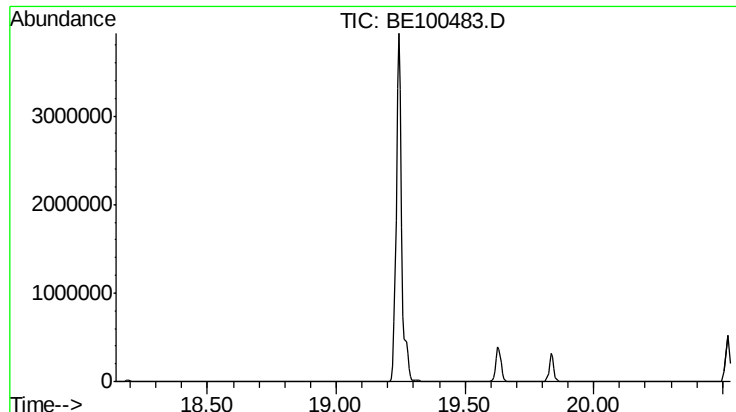


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

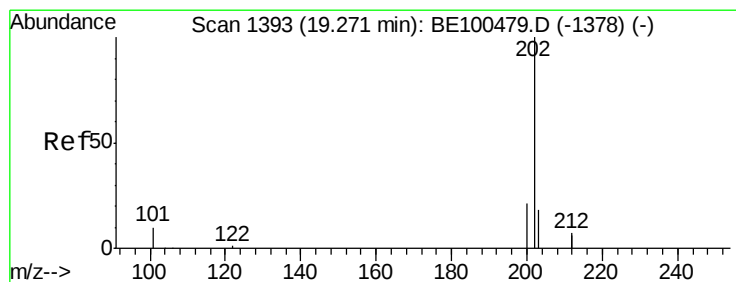
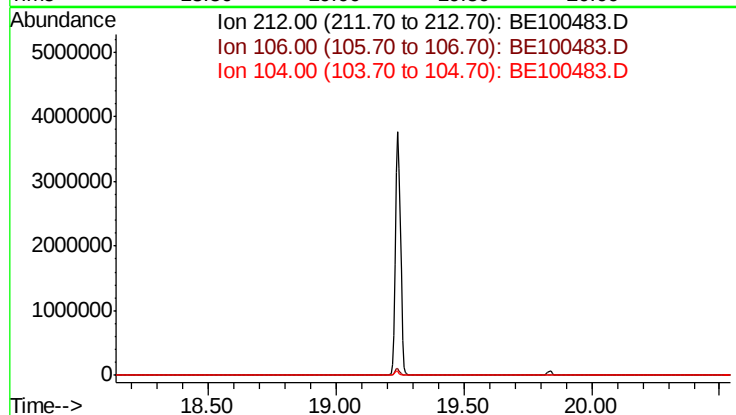




#25
 Fluoranthene-d10
 Concen: 0.000 ng
 Expected RT: 19.24 min
 Lab File: BE100483.D
 Acq: 22 Jul 2019 16:18

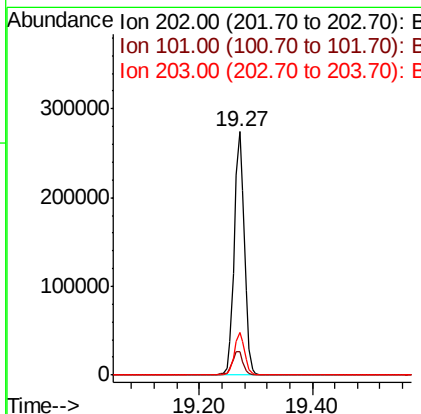
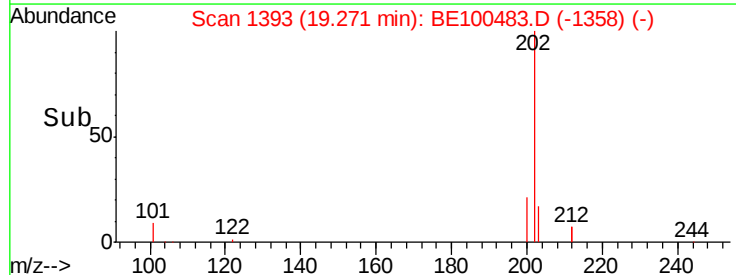
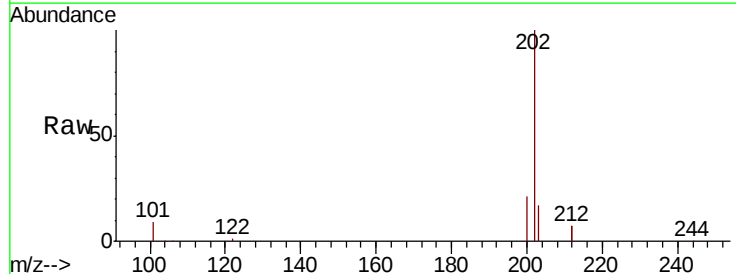
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

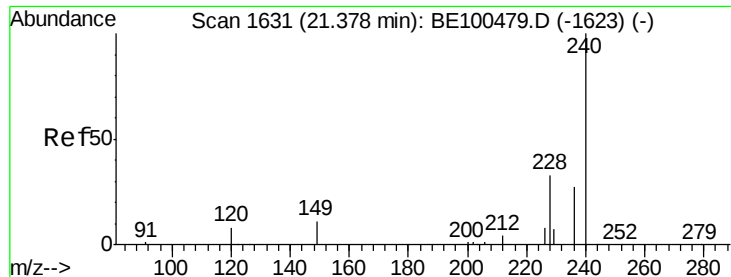
Tot Ion: 212
 Sig Exp Ratio
 212 100
 106 2.8
 104 1.5



#26
 Fluoranthene
 Concen: 4.693 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BE100483.D
 Acq: 22 Jul 2019 16:18

Tgt Ion: 202 Resp: 349457
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.0 12.0
 203 17.9 13.5 20.3

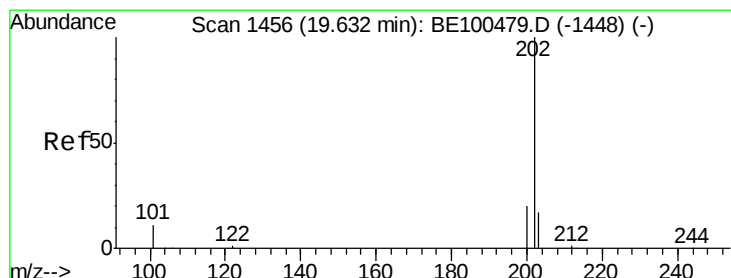
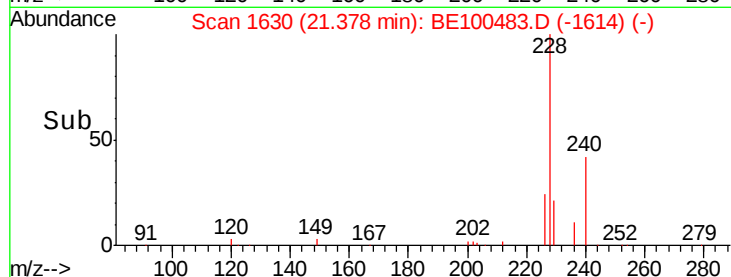
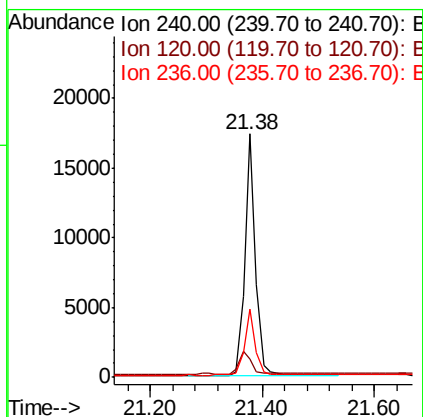
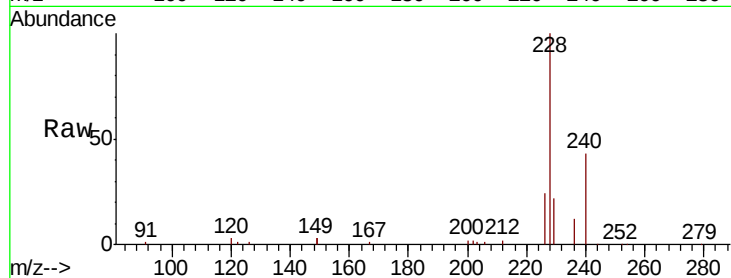




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100483.D
Acq: 22 Jul 2019 16:18

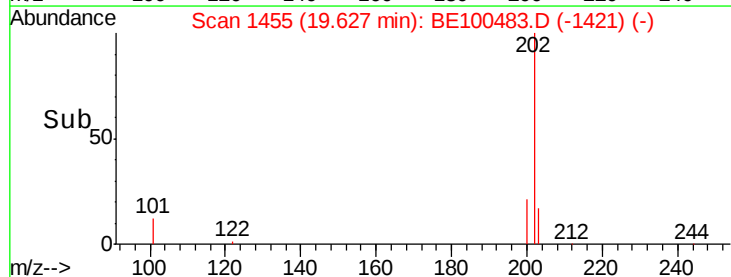
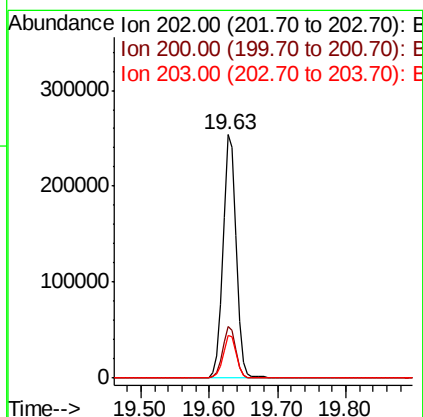
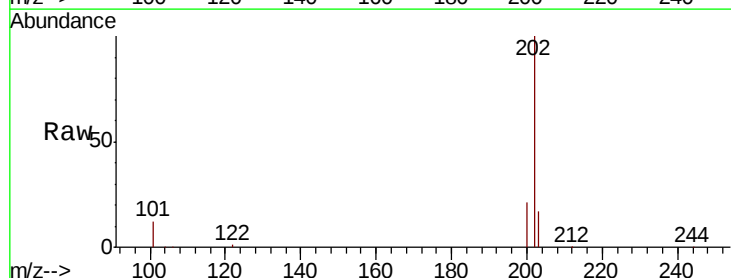
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

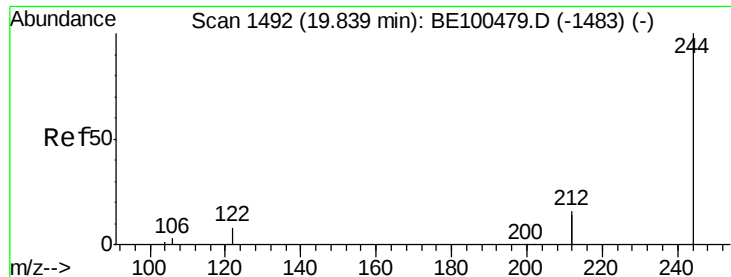
Tot Ion:240 Resp: 23026
Ion Ratio Lower Upper
240 100
120 7.5 8.2 12.2#
236 27.8 22.6 34.0



#28
Pyrene
Concen: 5.128 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BE100483.D
Acq: 22 Jul 2019 16:18

Tgt Ion:202 Resp: 347241
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 17.8 14.1 21.1





#29

Terphenyl-d14

Concen: 5.136 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

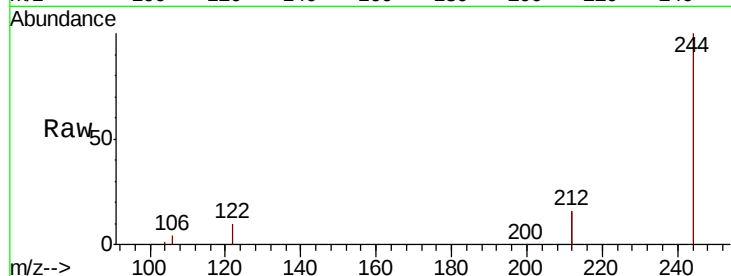
Tot Ion:244 Resp: 272709

Ion Ratio Lower Upper

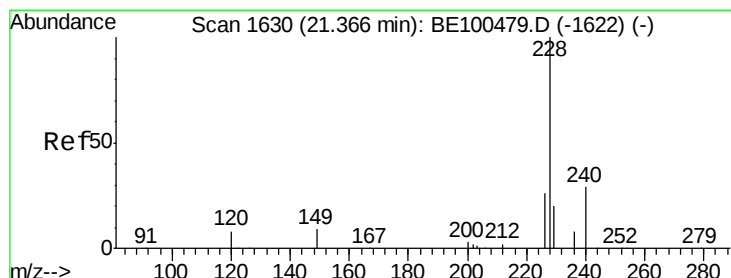
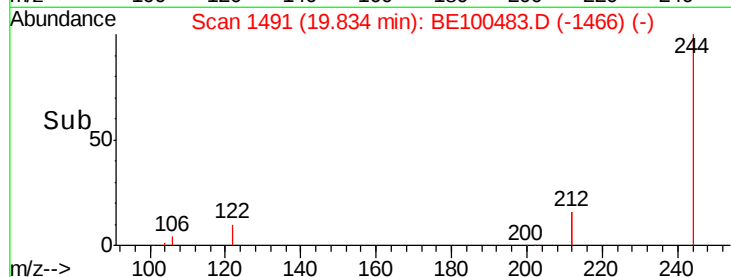
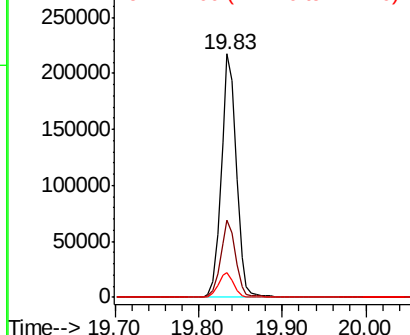
244 100

212 31.6 25.6 38.4

122 10.0 7.2 10.8



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



#30

Benzo(a)anthracene

Concen: 4.804 ng

RT: 21.37 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

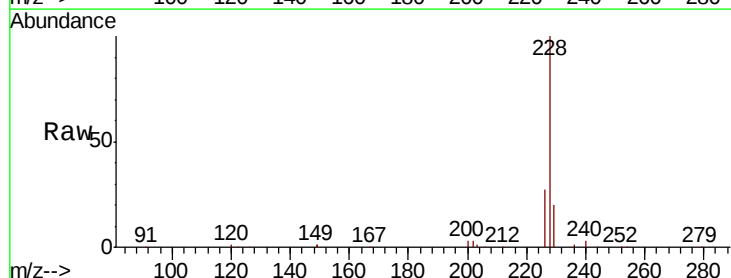
Tgt Ion:228 Resp: 337398

Ion Ratio Lower Upper

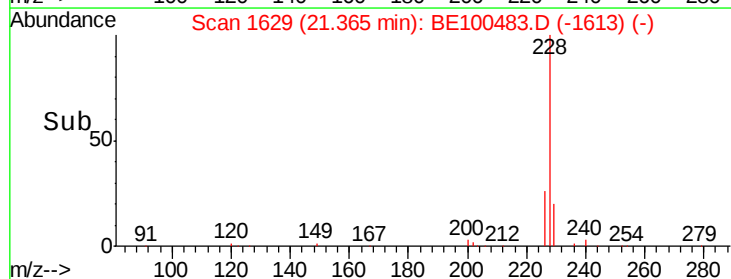
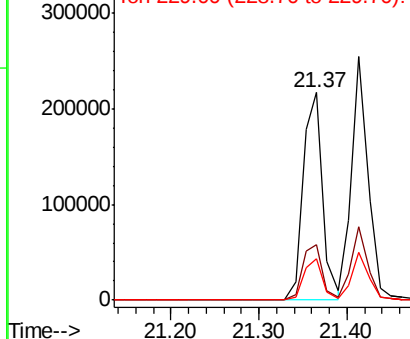
228 100

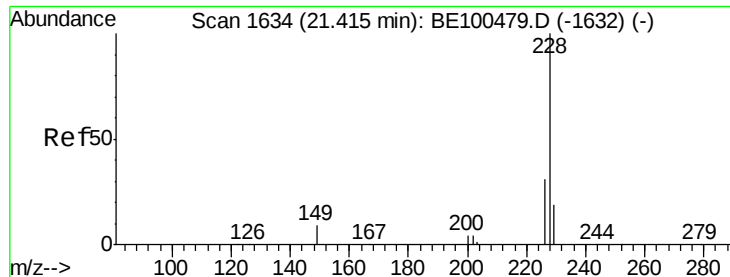
226 26.6 21.4 32.2

229 20.2 17.3 25.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 4.727 ng

RT: 21.41 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

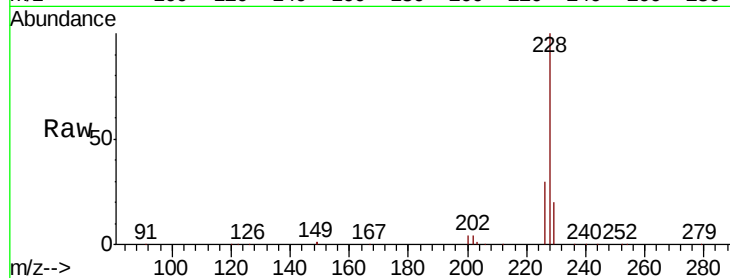
Tot Ion:228 Resp: 331148

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

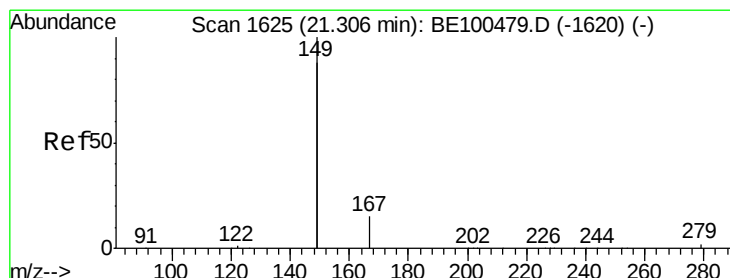
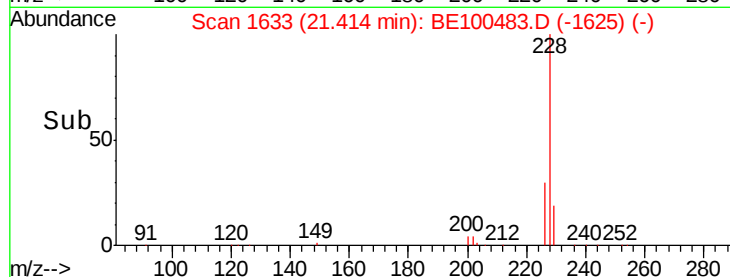
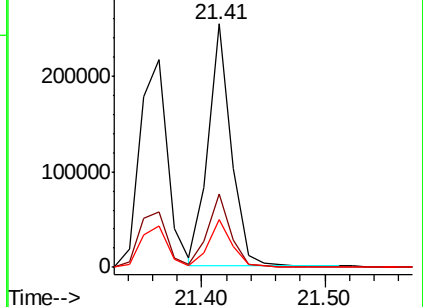
229 19.5 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 4.687 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

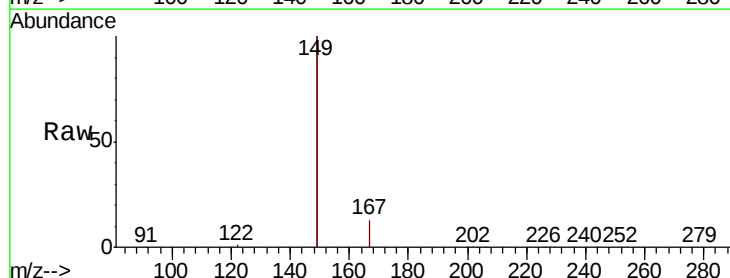
Tgt Ion:149 Resp: 730596

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

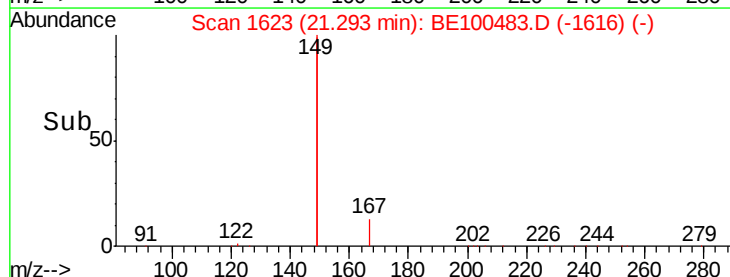
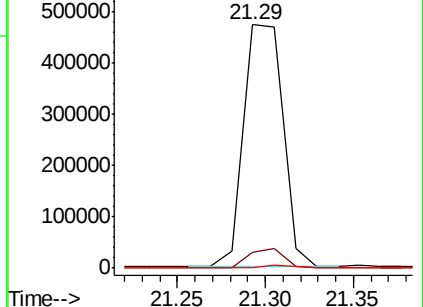
279 1.0 1.0 1.6#

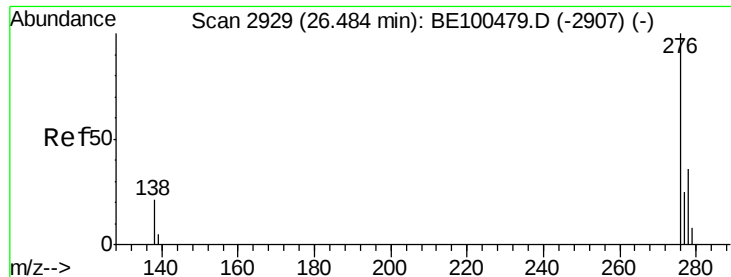


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

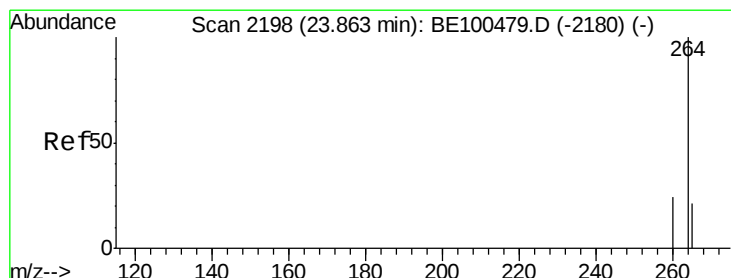
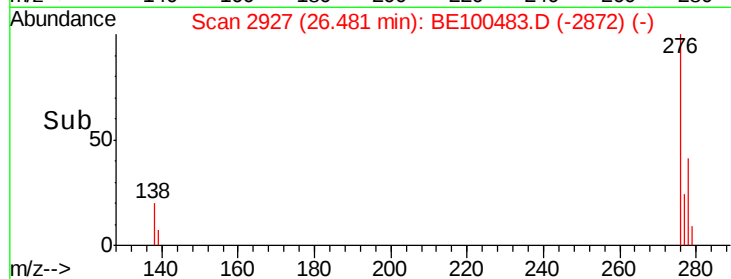
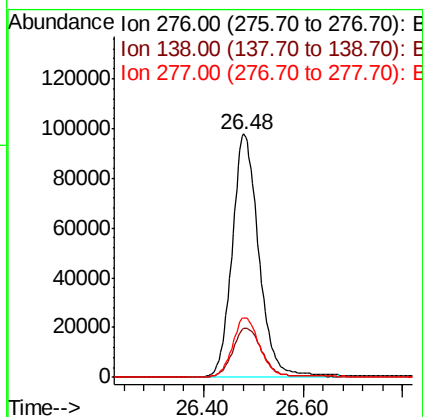
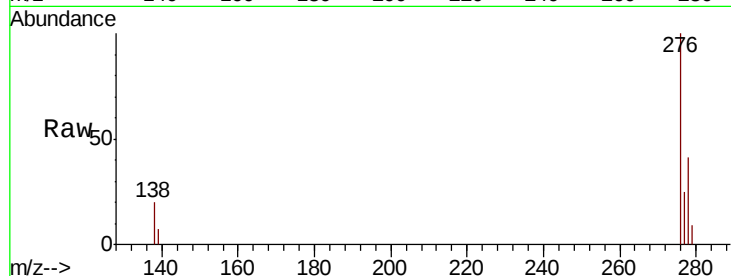




#33
Indeno(1,2,3-cd)pyrene
Concen: 4.780 ng
RT: 26.48 min Scan# 2927
Delta R.T. -0.00 min
Lab File: BE100483.D
Acq: 22 Jul 2019 16:18

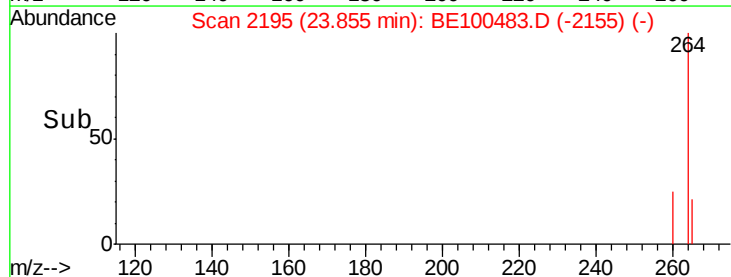
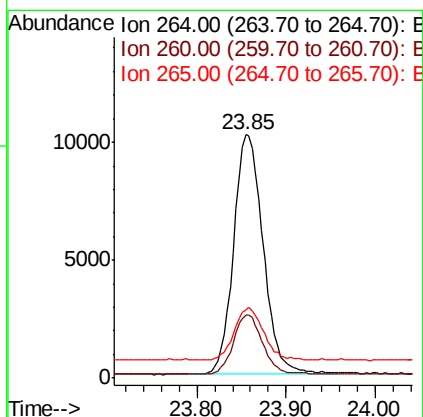
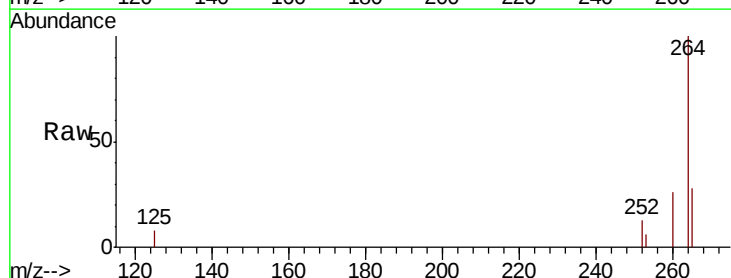
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

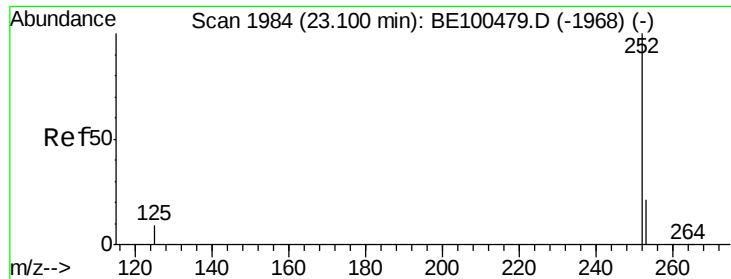
Tot Ion:276 Resp: 361988
Ion Ratio Lower Upper
276 100
138 22.0 16.6 25.0
277 25.0 19.1 28.7



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.85 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BE100483.D
Acq: 22 Jul 2019 16:18

Tgt Ion:264 Resp: 23576
Ion Ratio Lower Upper
264 100
260 26.0 20.7 31.1
265 28.2 23.4 35.2





#35

Benzo(b)fluoranthene

Concen: 4.858 ng

RT: 23.10 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

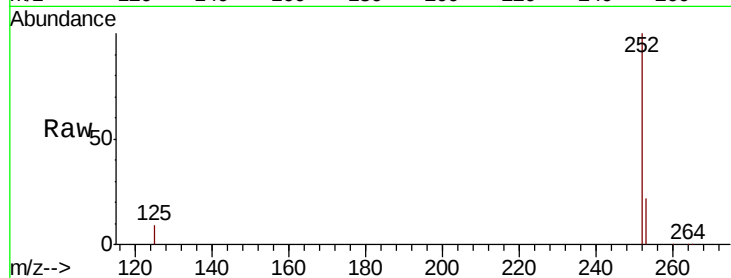
Tot Ion:252 Resp: 316444

Ion Ratio Lower Upper

252 100

253 22.1 19.2 28.8

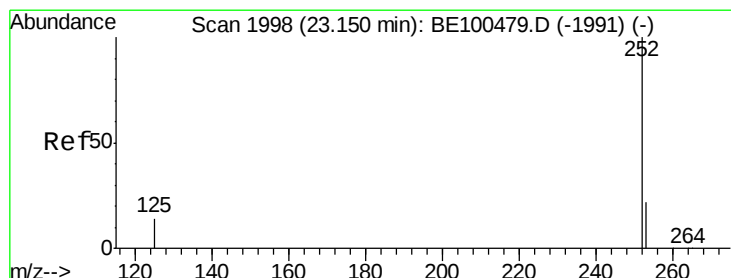
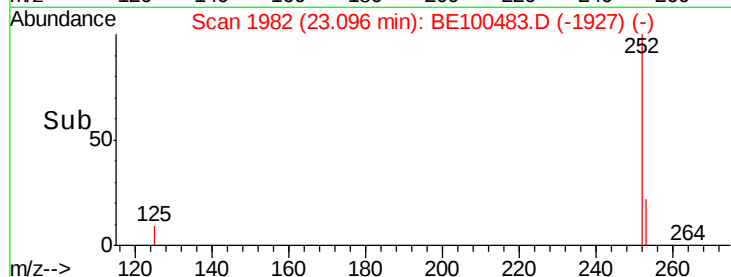
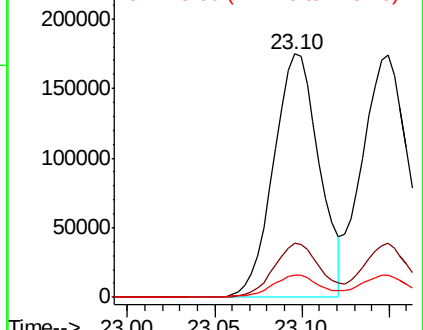
125 9.1 11.9 17.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 4.818 ng

RT: 23.15 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

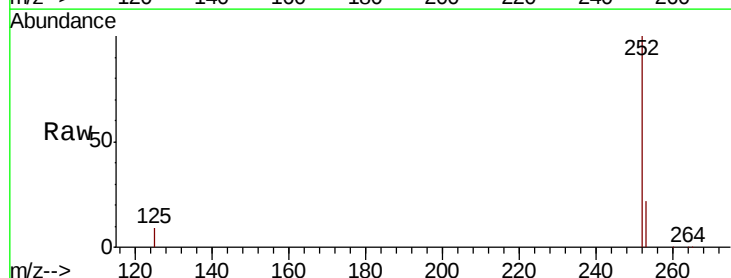
Tgt Ion:252 Resp: 333477

Ion Ratio Lower Upper

252 100

253 22.2 19.7 29.5

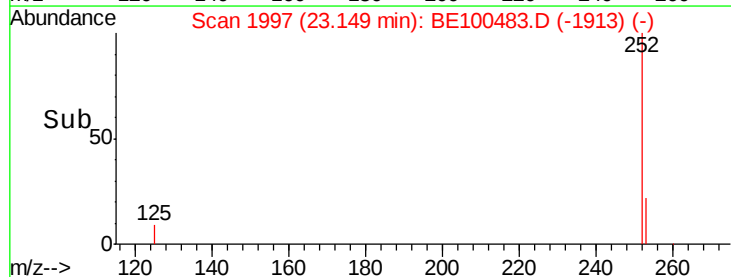
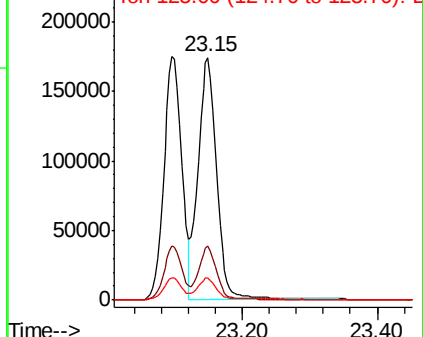
125 9.1 15.2 22.8#

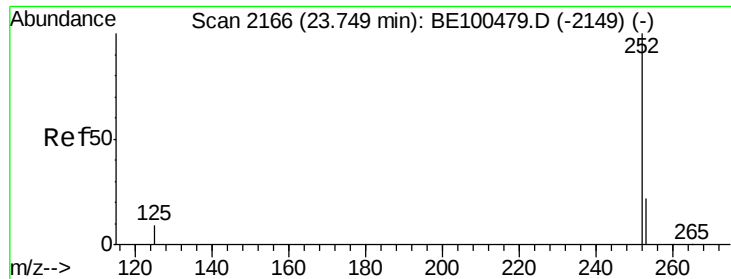


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

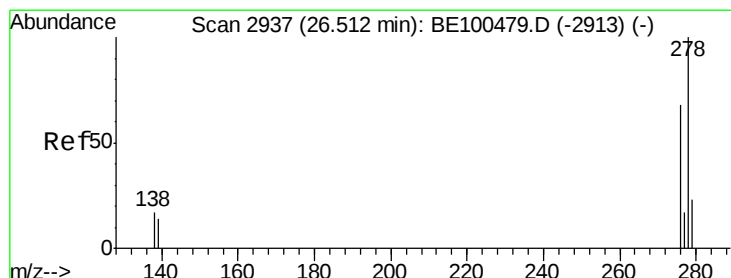
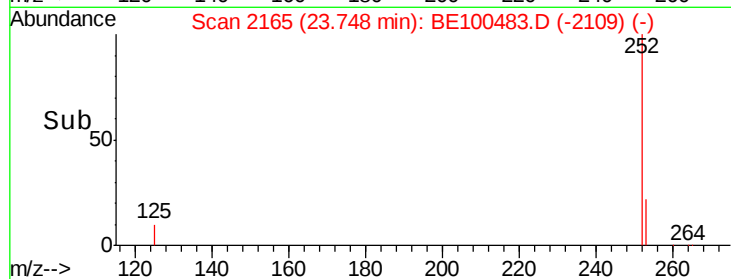
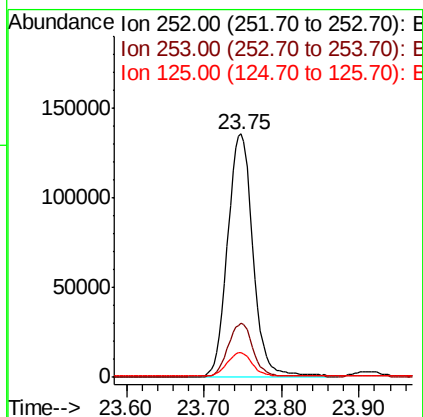
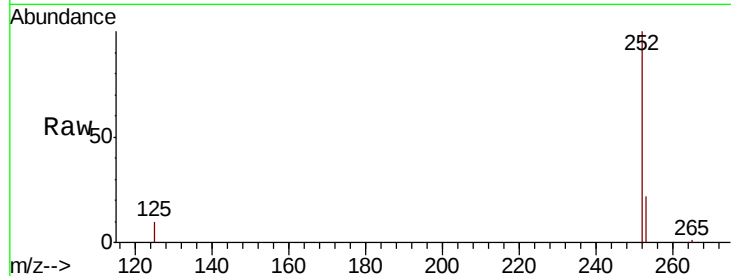




#37
Benzo(a)pyrene
Concen: 4.880 ng
RT: 23.75 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BE100483.D
Acq: 22 Jul 2019 16:18

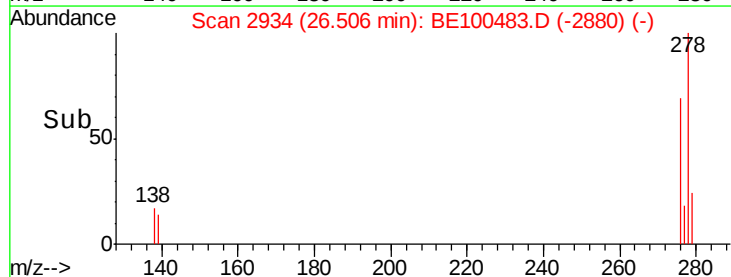
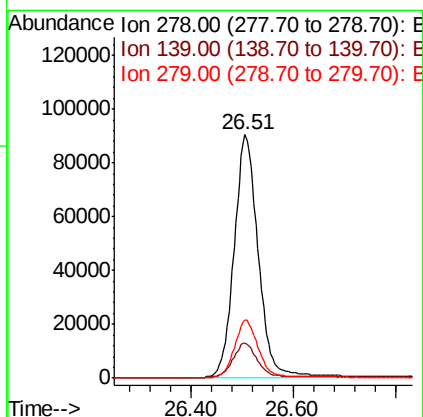
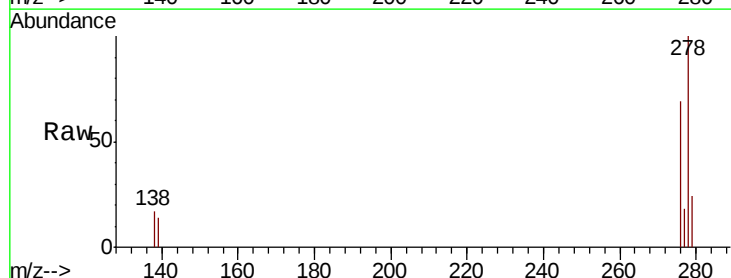
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

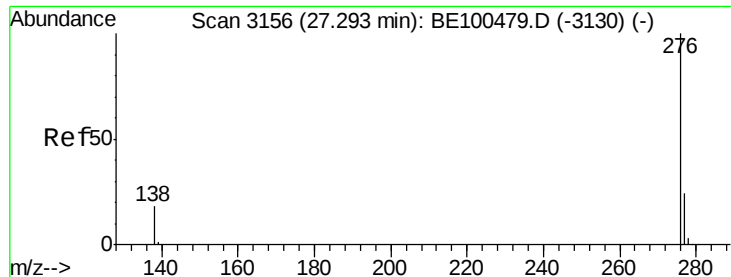
Tot Ion:252 Resp: 306633
Ion Ratio Lower Upper
252 100
253 22.0 20.0 30.0
125 10.1 14.1 21.1#



#38
Dibenzo(a,h)anthracene
Concen: 5.024 ng
RT: 26.51 min Scan# 2934
Delta R.T. -0.01 min
Lab File: BE100483.D
Acq: 22 Jul 2019 16:18

Tgt Ion:278 Resp: 297321
Ion Ratio Lower Upper
278 100
139 14.5 16.8 25.2#
279 23.8 21.8 32.8





#39

Benzo(a,h,i)perylene

Concen: 4.843 ng

RT: 27.28 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BE100483.D

Acq: 22 Jul 2019 16:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

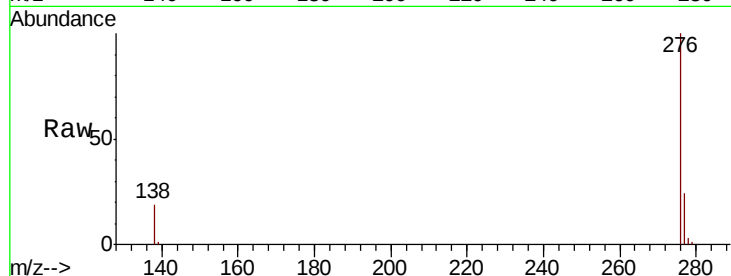
Tot Ion: 276 Resp: 295233

Ion Ratio Lower Upper

276 100

277 23.7 22.0 33.0

138 19.0 17.3 25.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

