

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092019\
 Data File : BE100529.D
 Acq On : 20 Sep 2019 15:48
 Operator : HP/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Sep 20 16:35:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 16:06:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	6671	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	30474	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	17357	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	37463	0.40	ng	0.00
27) Chrysene-d12	21.37	240	43607	0.40	ng	0.00
34) Perylene-d12	23.83	264	46679	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	11823	0.68	ng	0.00
5) Phenol-d6	7.02	99	16183	0.70	ng	0.00
8) Nitrobenzene-d5	9.00	82	13022	0.78	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	34367	0.75	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	2263	0.68	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	47669	0.79	ng	0.00
25) Fluoranthene-d10	19.22	212	331985	0.72	ng	0.00
29) Terphenyl-d14	19.82	244	79703	0.79	ng	0.00

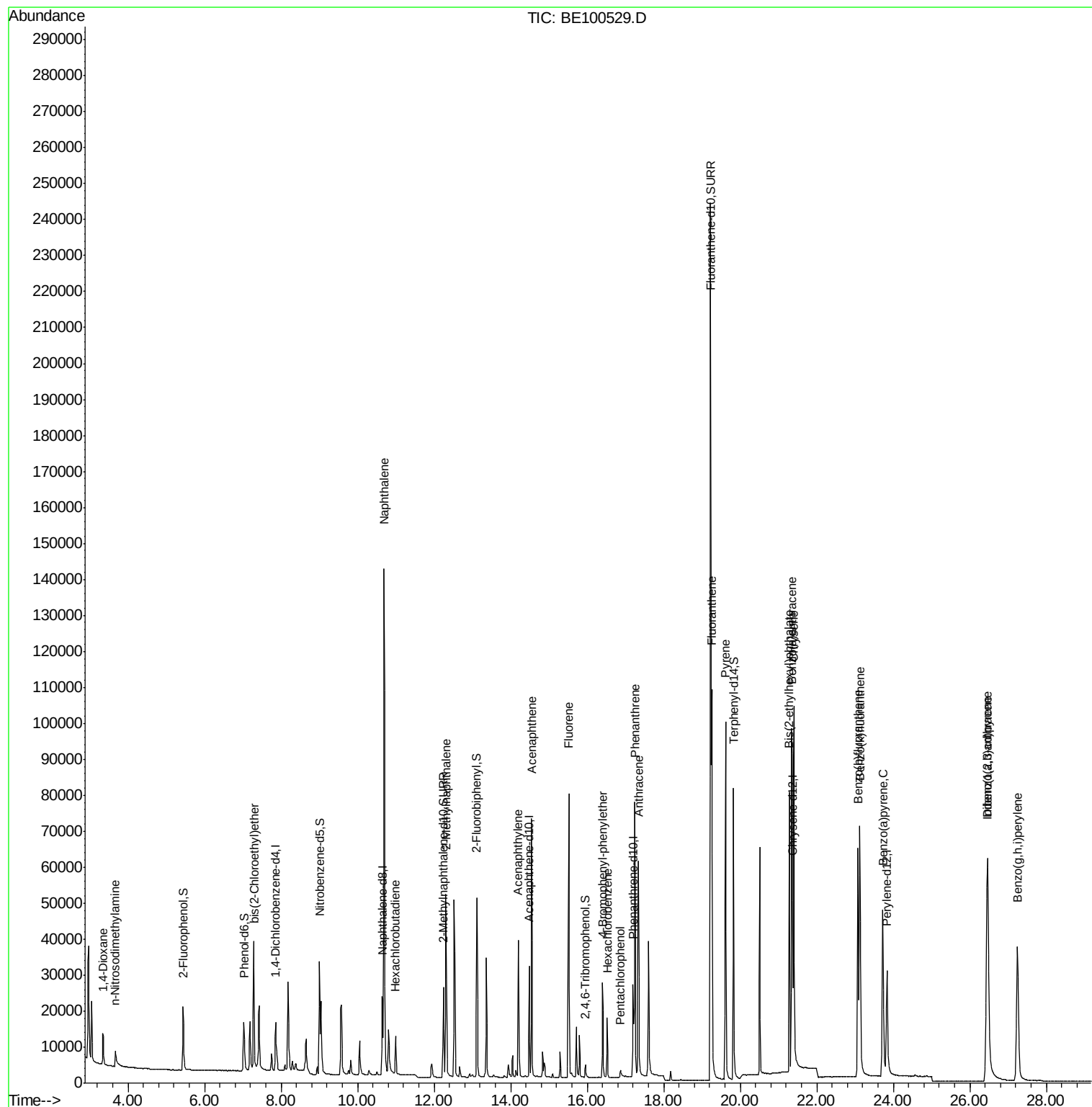
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	7117	0.690	ng	95
3) n-Nitrosodimethylamine	3.67	42	3910	0.674	ng	# 98
6) bis(2-Chloroethyl)ether	7.29	93	16102	0.746	ng	90
9) Naphthalene	10.69	128	240438	0.778	ng	100
10) Hexachlorobutadiene	10.99	225	7626	0.784	ng	99
12) 2-Methylnaphthalene	12.31	142	38085	0.764	ng	100
16) Acenaphthylene	14.20	152	53414	0.741	ng	99
17) Acenaphthene	14.54	154	36871	0.778	ng	98
18) Fluorene	15.51	166	46040	0.763	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	13398	0.781	ng	95
21) Hexachlorobenzene	16.52	284	11703	0.801	ng	97
22) Pentachlorophenol	16.87	266	2068	0.565	ng	99
23) Phenanthrene	17.24	178	78961	0.771	ng	99
24) Anthracene	17.33	178	65325	0.751	ng	99
26) Fluoranthene	19.25	202	95877	0.773	ng	99
28) Pyrene	19.62	202	95656	0.777	ng	100
30) Benzo(a)anthracene	21.34	228	85730	0.712	ng	99
31) Chrysene	21.40	228	104884	0.822	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	95970	0.666	ng	100
33) Indeno(1,2,3-cd)pyrene	26.45	276	112728	0.747	ng	100
35) Benzo(b)fluoranthene	23.07	252	97242	0.795	ng	99
36) Benzo(k)fluoranthene	23.12	252	111727	0.784	ng	99
37) Benzo(a)pyrene	23.73	252	89305	0.765	ng	99
38) Dibenzo(a,h)anthracene	26.47	278	92982	0.771	ng	99
39) Benzo(g,h,i)perylene	27.24	276	97320	0.782	ng	99

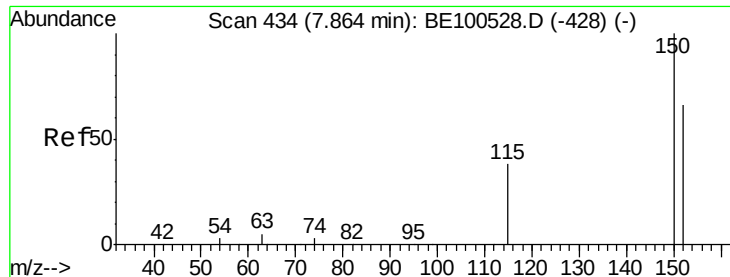
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 20 16:06:36 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

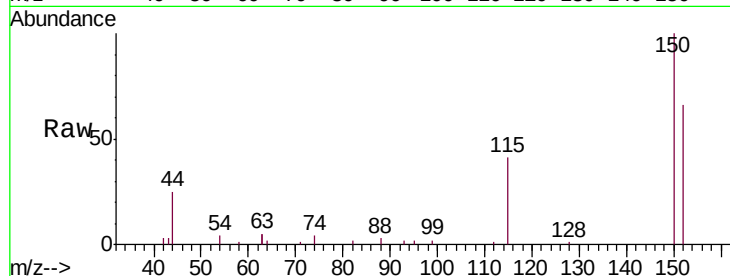
Tgt Ion:152 Resp: 6671

Ion Ratio Lower Upper

152 100

150 152.3 121.6 182.4

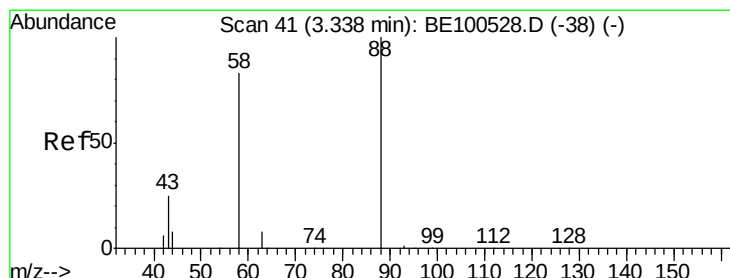
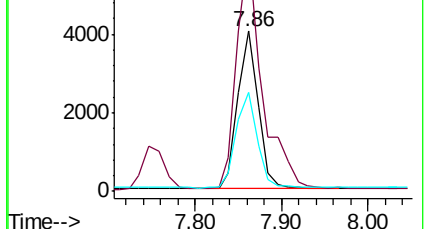
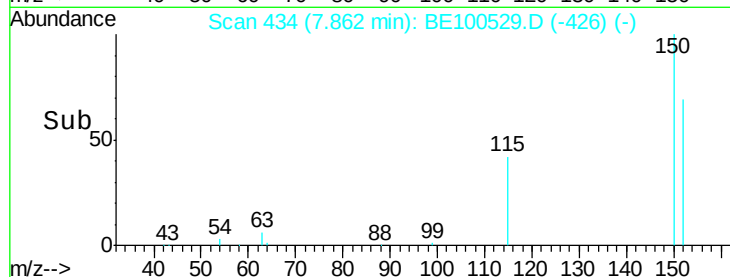
115 61.9 48.2 72.4



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: 0.690 ng

RT: 3.35 min Scan# 42

Delta R.T. 0.01 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

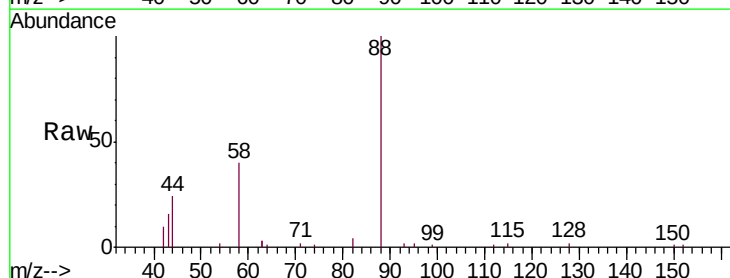
Tgt Ion: 88 Resp: 7117

Ion Ratio Lower Upper

88 100

58 71.0 53.3 79.9

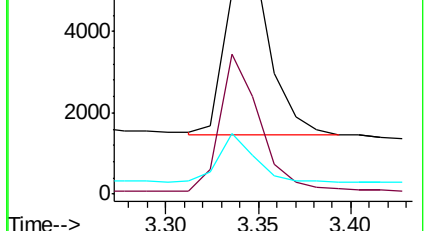
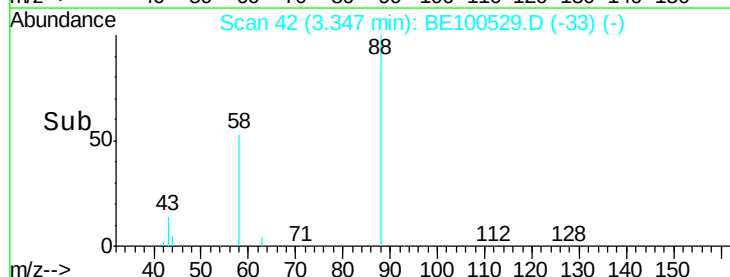
43 22.4 16.9 25.3

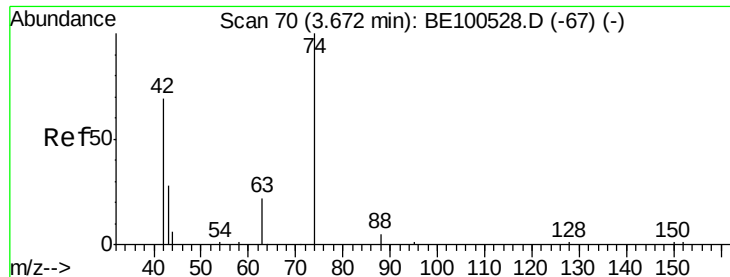


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.674 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

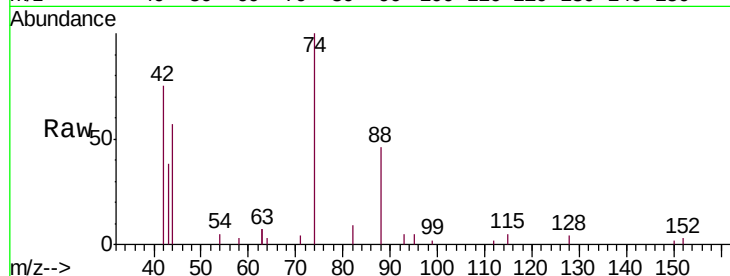
Tgt Ion: 42 Resp: 3910

Ion Ratio Lower Upper

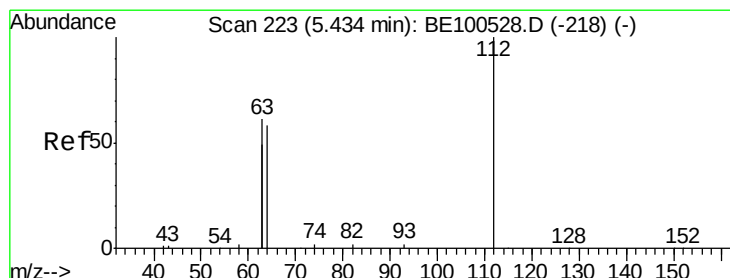
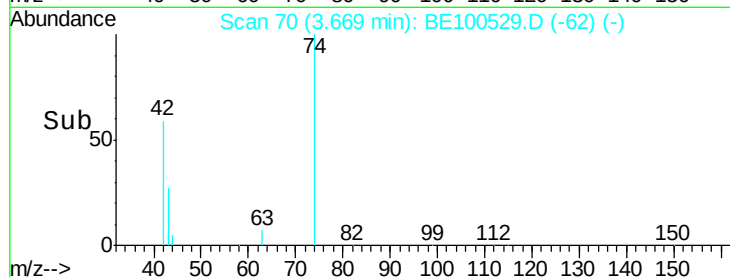
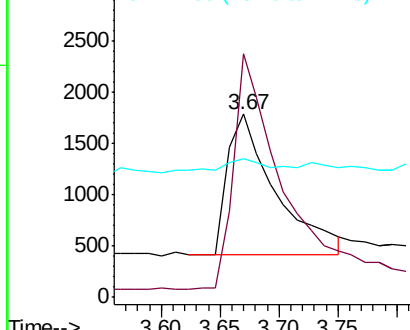
42 100

74 165.2 133.8 200.6

44 11.8 6.4 9.6#



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: 0.677 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.01 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

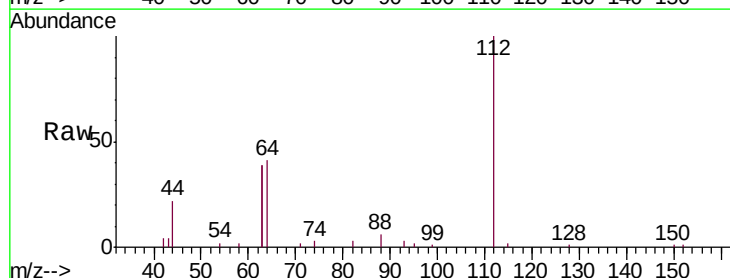
Tgt Ion: 112 Resp: 11823

Ion Ratio Lower Upper

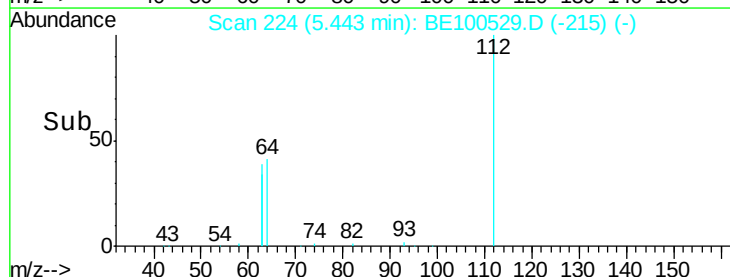
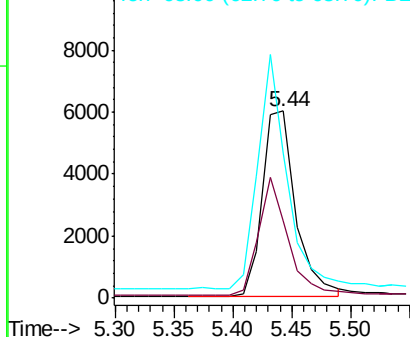
112 100

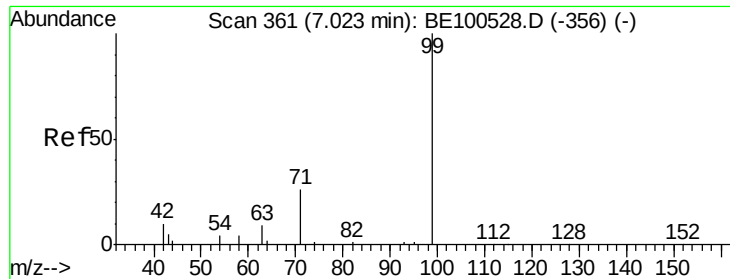
64 56.5 44.1 66.1

63 110.4 86.5 129.7



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





#5

Phenol-d6

Concen: 0.698 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

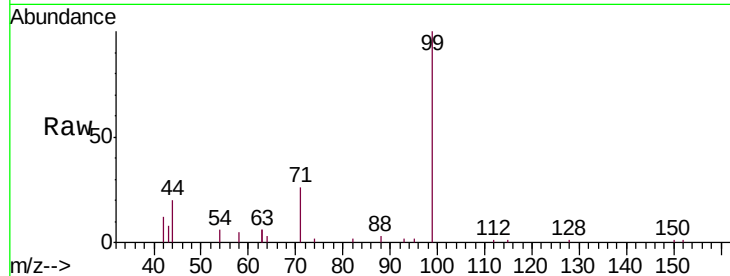
Tgt Ion: 99 Resp: 16183

Ion Ratio Lower Upper

99 100

42 15.1 13.0 19.6

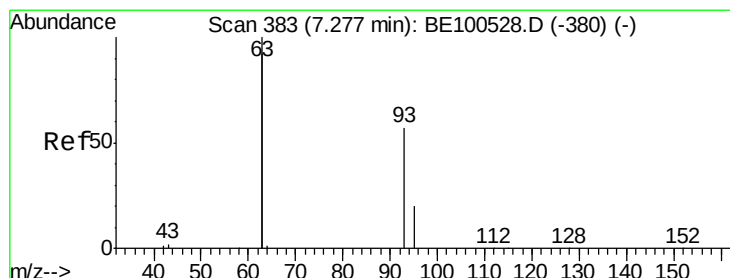
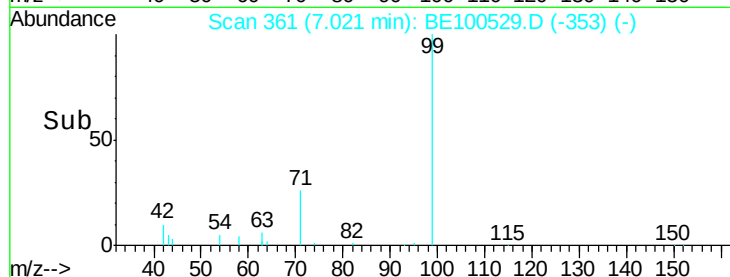
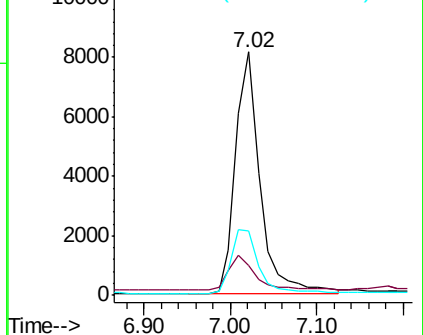
71 29.3 23.4 35.0



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: 0.746 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.01 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

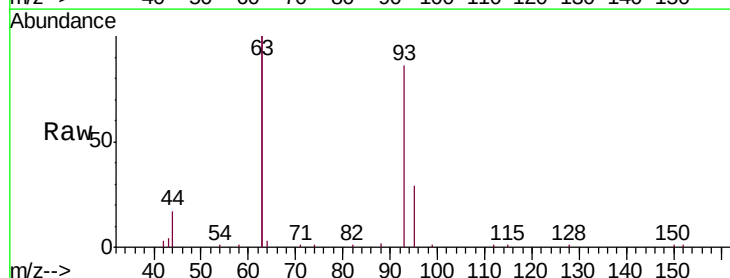
Tgt Ion: 93 Resp: 16102

Ion Ratio Lower Upper

93 100

63 285.6 213.4 320.0

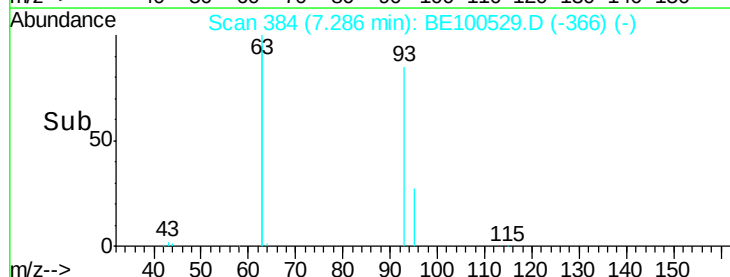
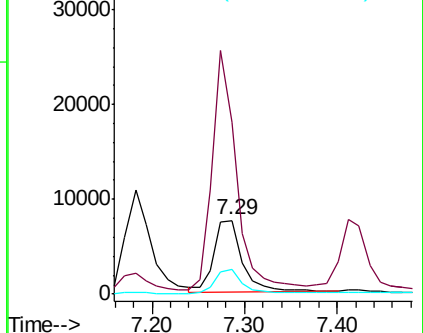
95 31.3 23.7 35.5

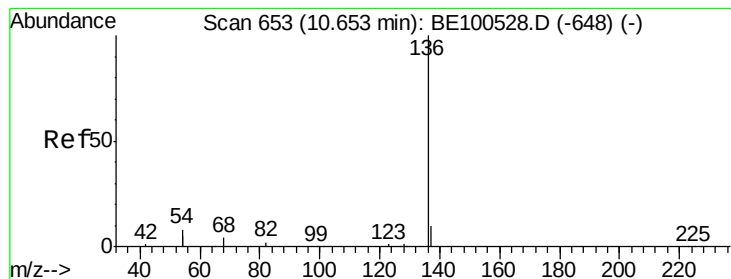


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tgt Ion:136 Resp: 30474

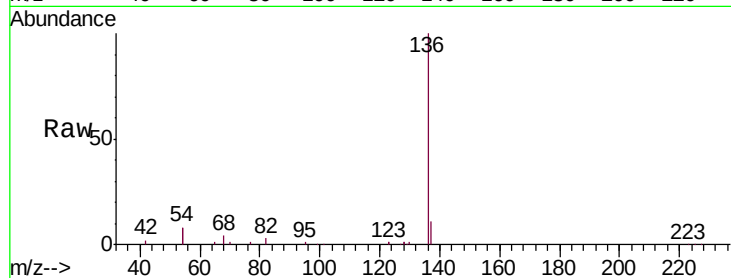
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 16.1 12.4 18.6

68 3.9 3.3 4.9

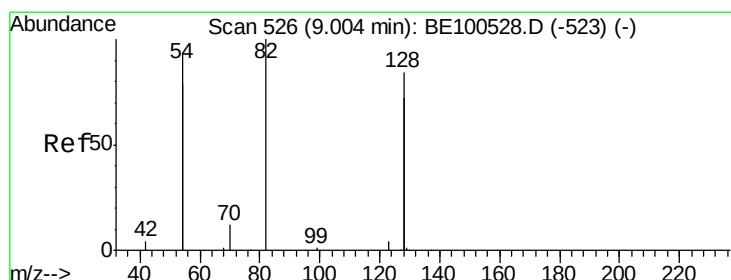
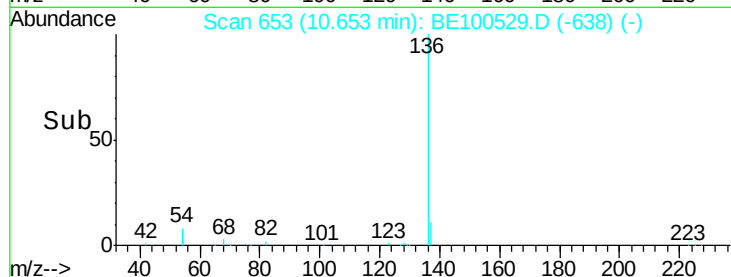
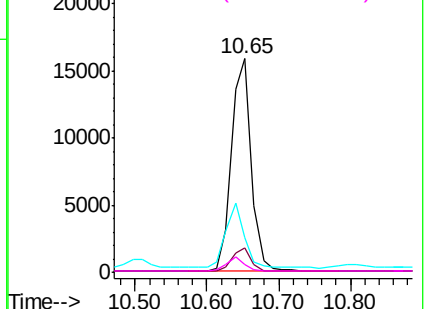


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.777 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

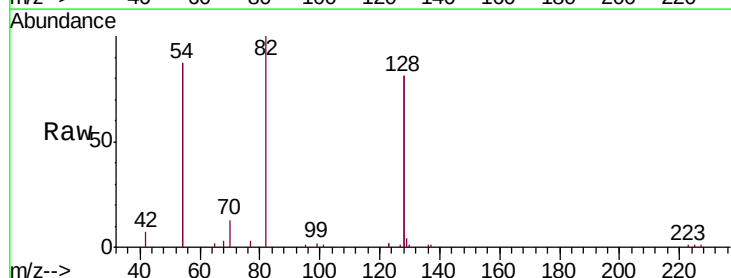
Tgt Ion: 82 Resp: 13022

Ion Ratio Lower Upper

82 100

128 161.7 129.4 194.2

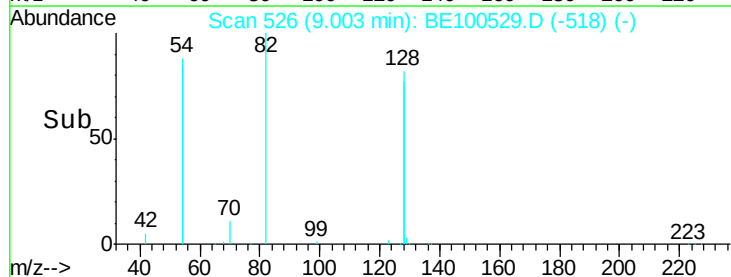
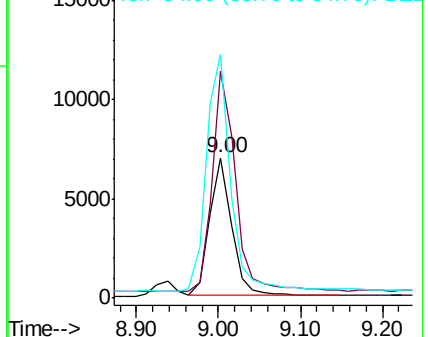
54 173.2 143.3 214.9

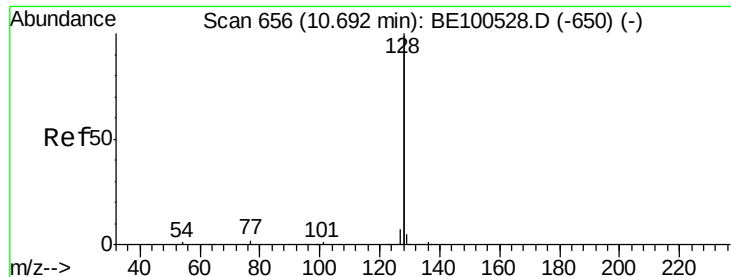


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.778 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

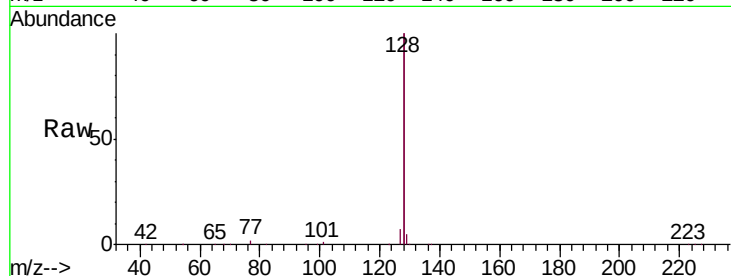
Tgt Ion:128 Resp: 240438

Ion Ratio Lower Upper

128 100

129 2.7 2.2 3.4

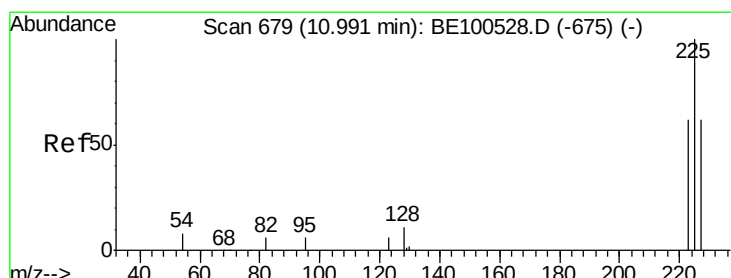
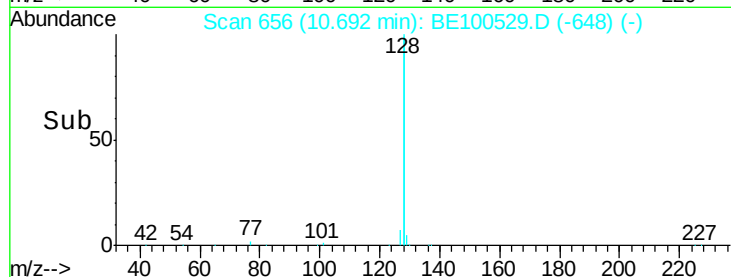
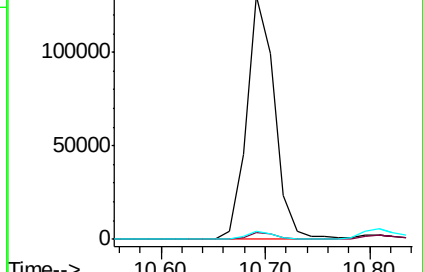
127 3.3 2.7 4.1



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: 0.784 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

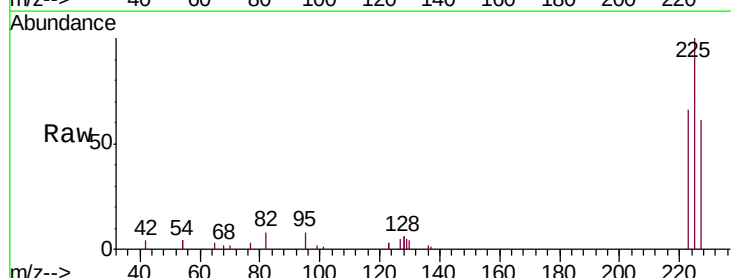
Tgt Ion:225 Resp: 7626

Ion Ratio Lower Upper

225 100

223 62.7 49.7 74.5

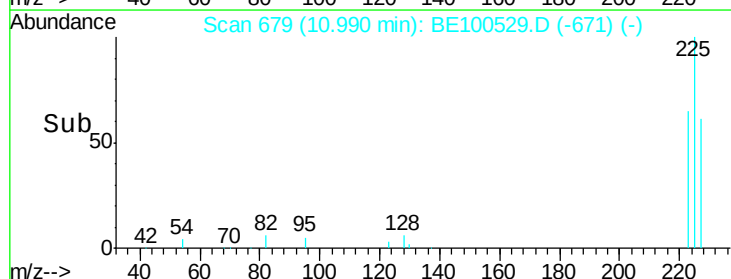
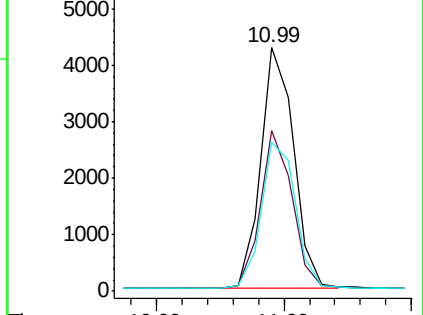
227 63.2 51.4 77.2

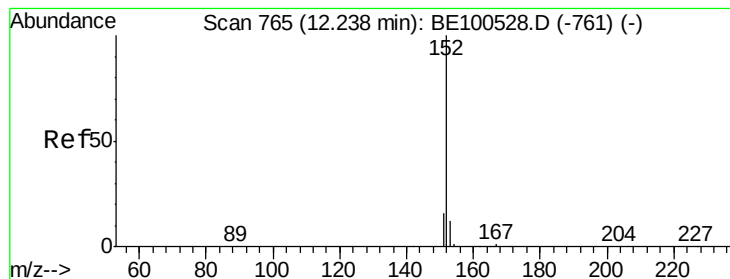


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.745 ng

RT: 12.24 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA_E

ClientSampleId :

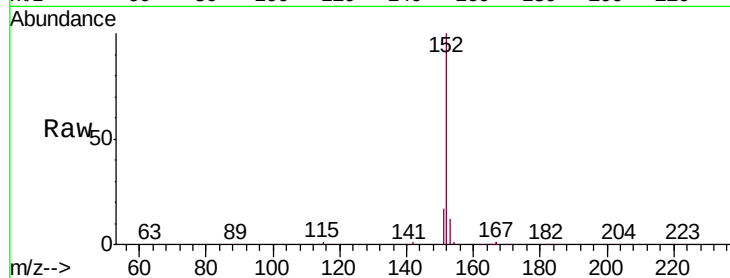
SSTDICC0.8

Tgt Ion:152 Resp: 34367

Ion Ratio Lower Upper

152 100

151 18.9 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

20000

15000

10000

5000

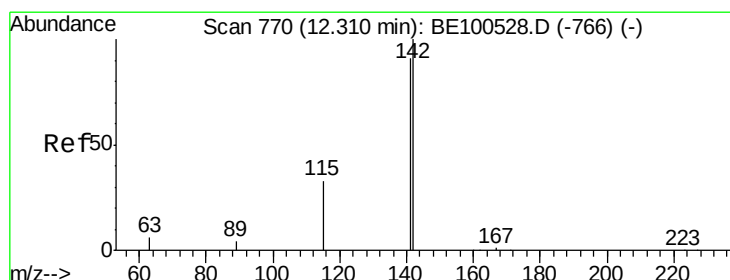
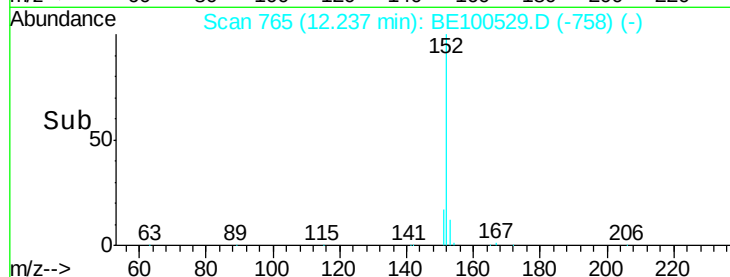
0

12.20

12.24

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.764 ng

RT: 12.31 min Scan# 770

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

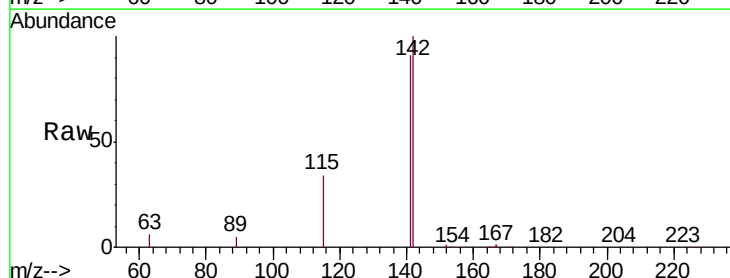
Tgt Ion:142 Resp: 38085

Ion Ratio Lower Upper

142 100

141 90.7 72.5 108.7

115 33.8 27.2 40.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

30000

25000

20000

15000

10000

5000

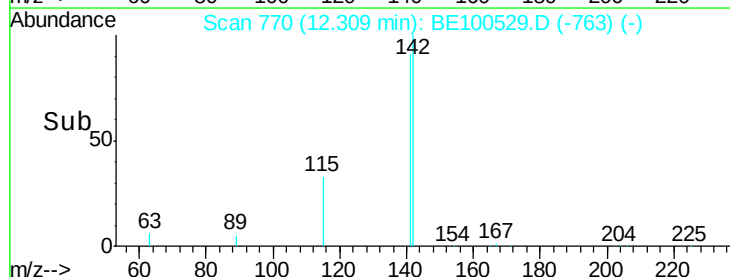
0

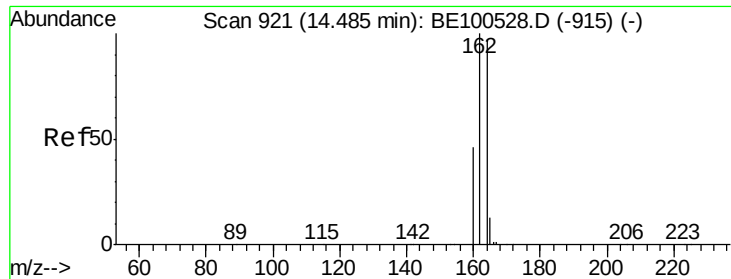
12.20

12.31

12.40

Time-->

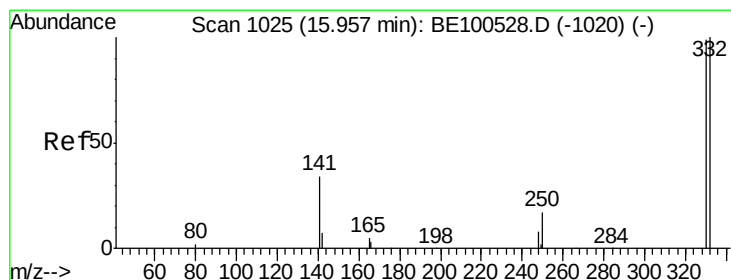
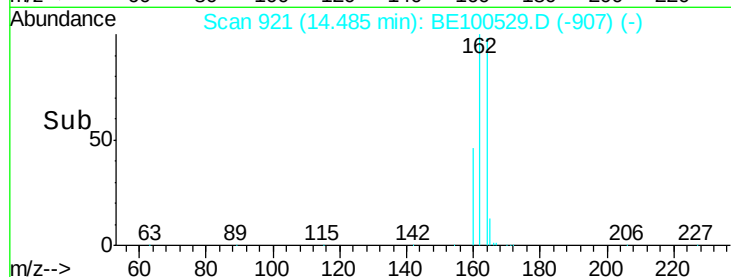
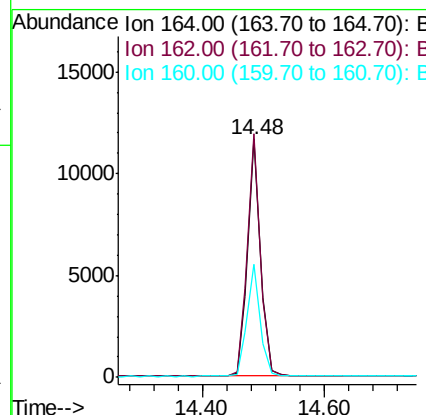
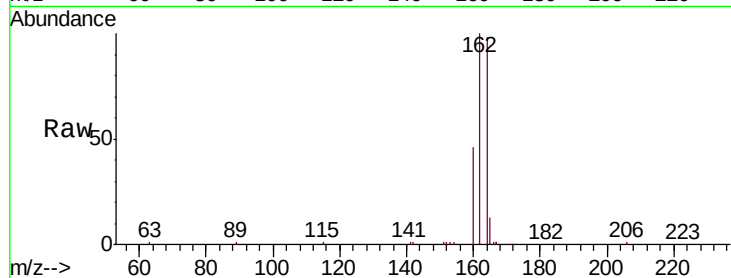




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

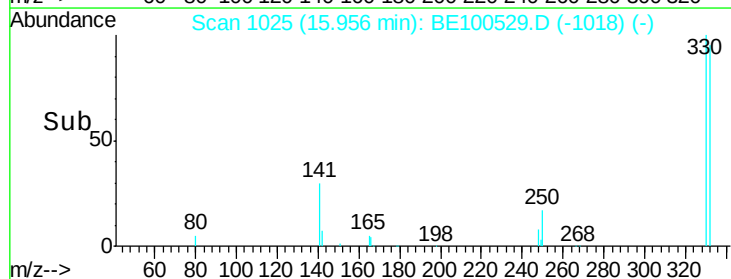
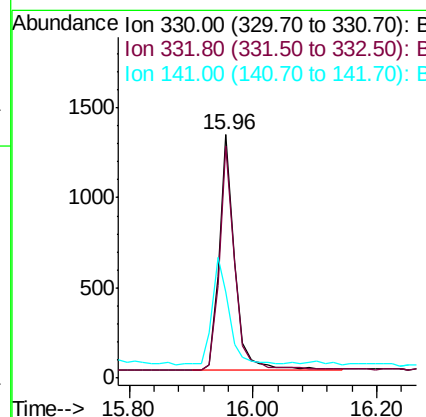
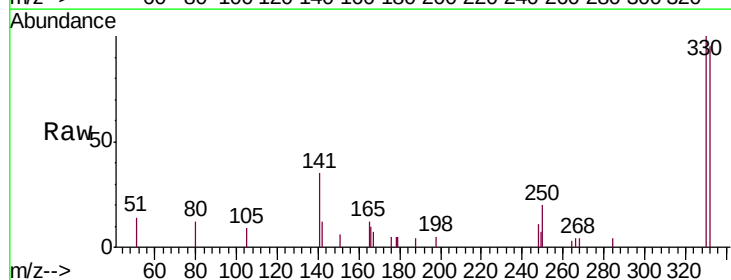
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

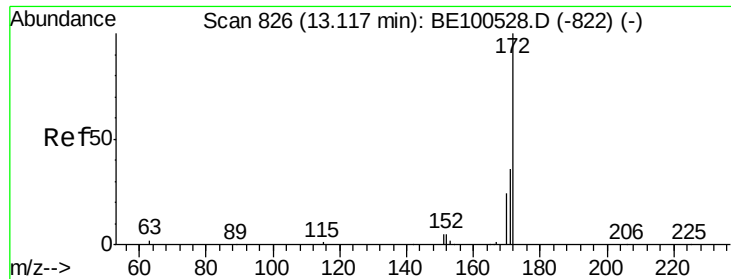
Tgt Ion:164 Resp: 17357
Ion Ratio Lower Upper
164 100
162 102.2 82.1 123.1
160 47.2 37.6 56.4



#14
2,4,6-Tribromophenol
Concen: 0.679 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:330 Resp: 2263
Ion Ratio Lower Upper
330 100
332 94.1 75.5 113.3
141 48.1 42.3 63.5

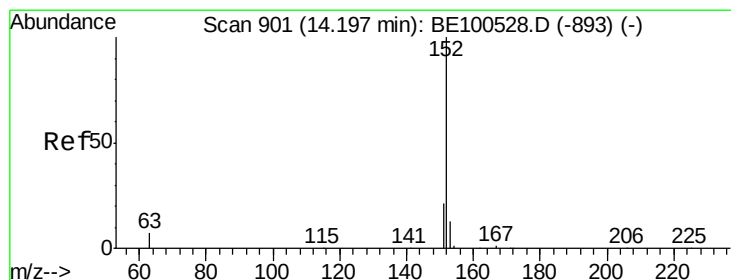
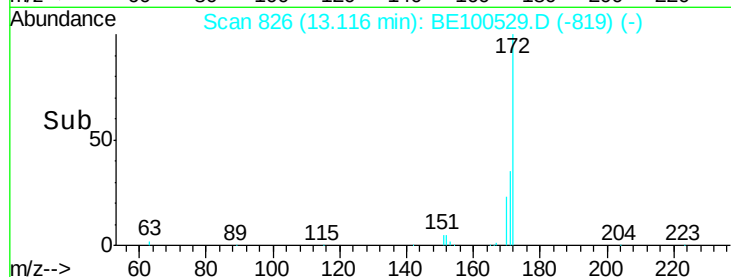
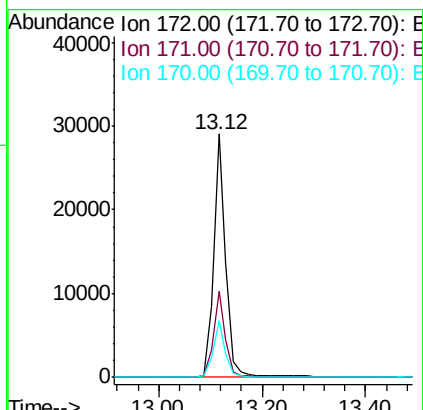
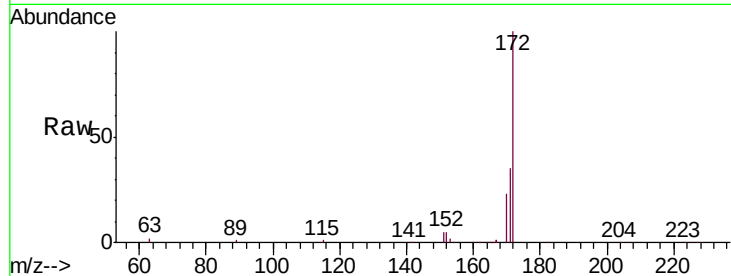




#15
2-Fluorobiphenyl
Concen: 0.792 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

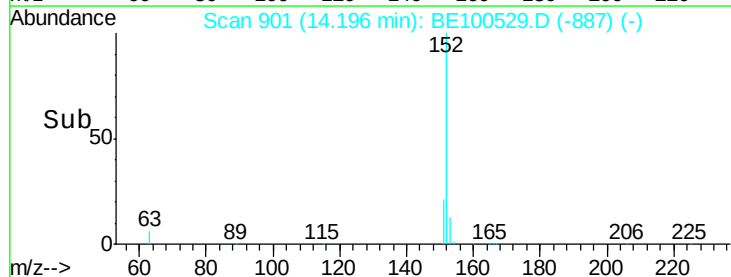
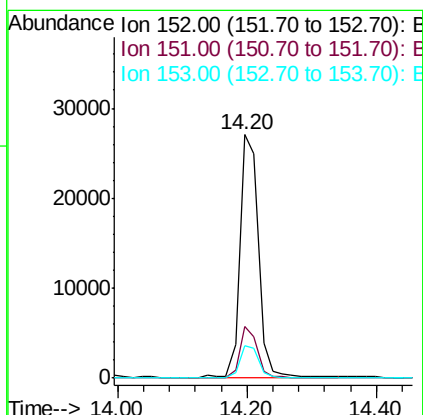
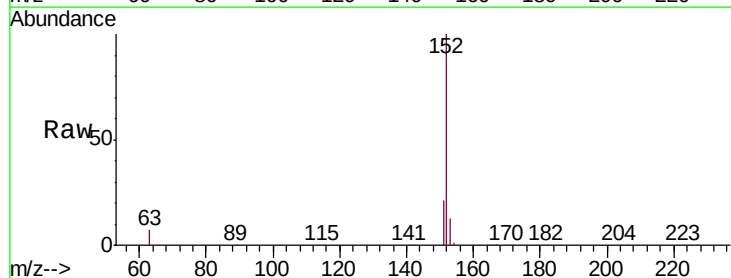
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

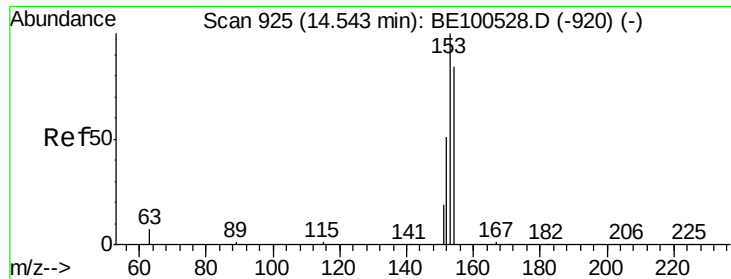
Tgt Ion:172 Resp: 47669
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.1 19.4 29.0



#16
Acenaphthylene
Concen: 0.741 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100529.D
Acq: 20 Sep 2019 15:48

Tgt Ion:152 Resp: 53414
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.1 10.7 16.1





#17

Acenaphthene

Concen: 0.778 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

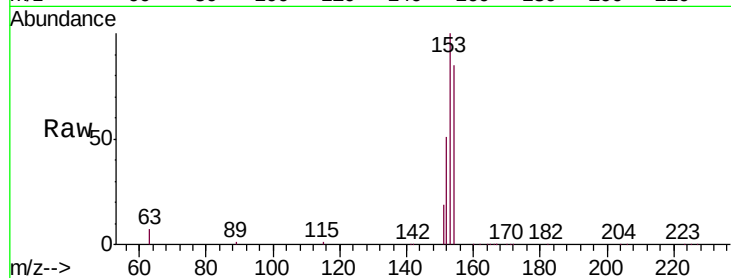
Tgt Ion:154 Resp: 36871

Ion Ratio Lower Upper

154 100

153 114.8 93.7 140.5

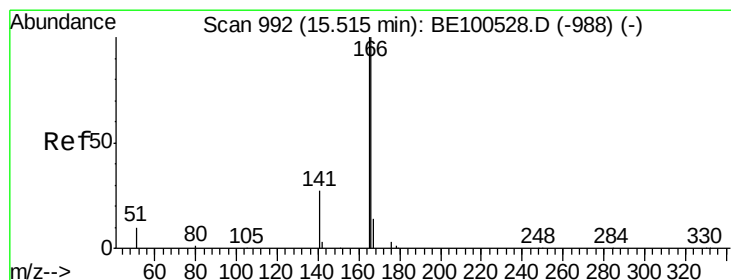
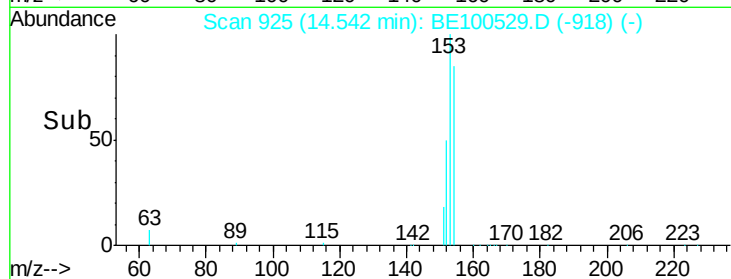
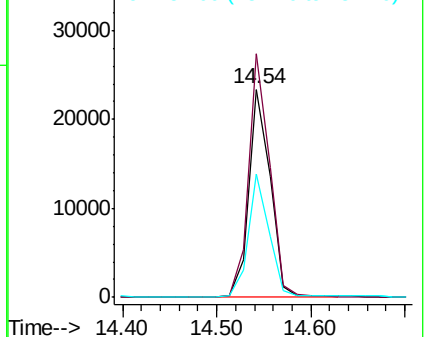
152 57.4 47.3 70.9



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: 0.763 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

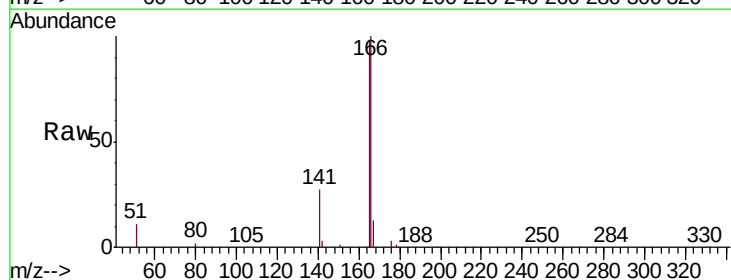
Tgt Ion:166 Resp: 46040

Ion Ratio Lower Upper

166 100

165 99.5 80.1 120.1

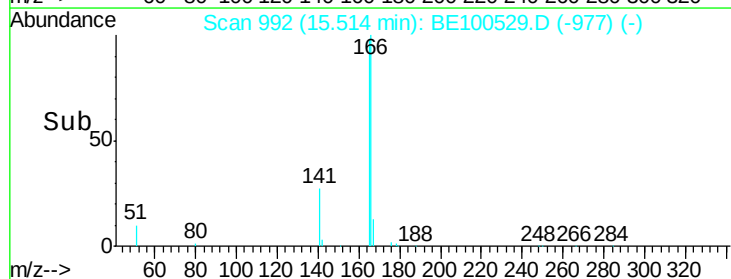
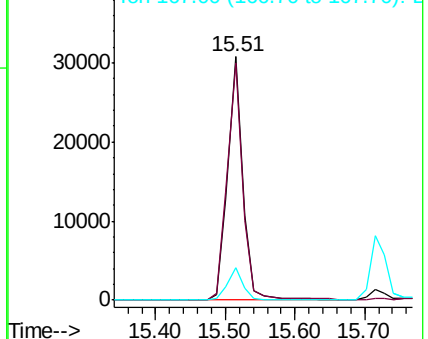
167 13.4 10.9 16.3

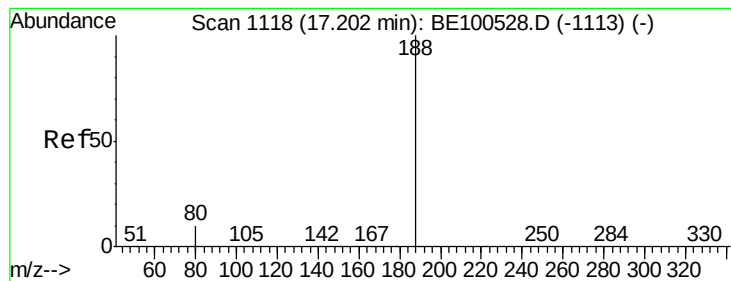


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

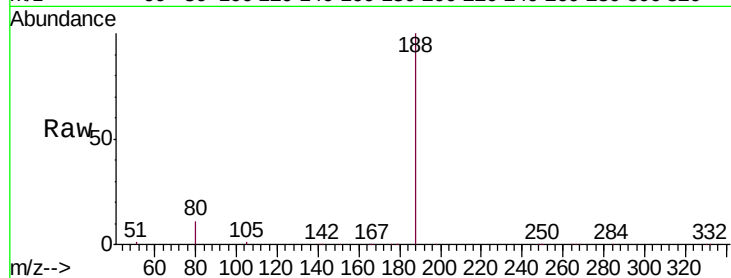
Tgt Ion:188 Resp: 37463

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

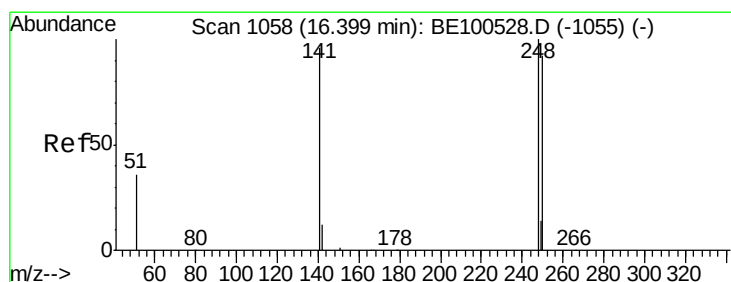
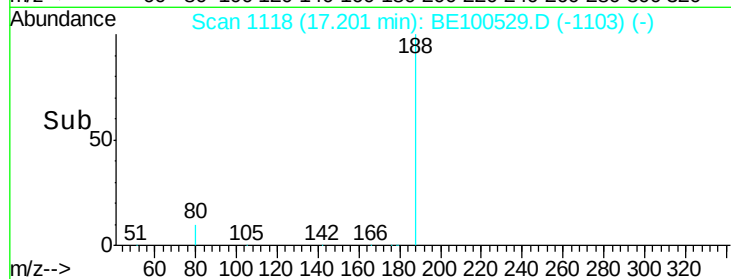
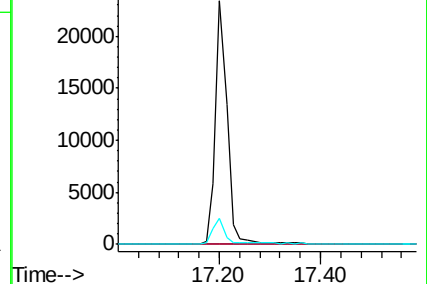
80 10.5 8.0 12.0



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



#20

4-Bromophenyl-phenylether

Concen: 0.781 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

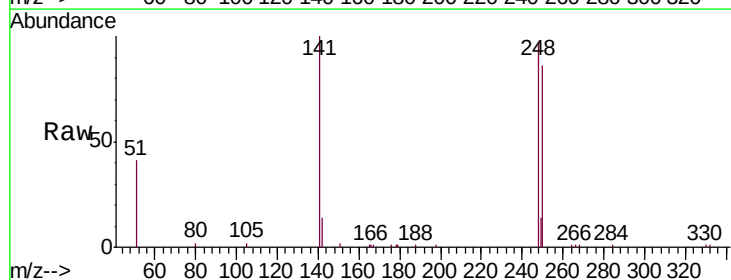
Tgt Ion:248 Resp: 13398

Ion Ratio Lower Upper

248 100

250 89.0 73.5 110.3

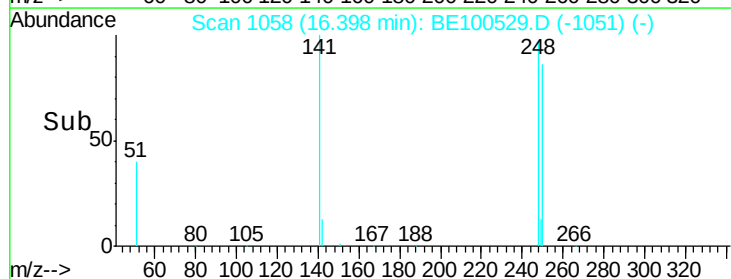
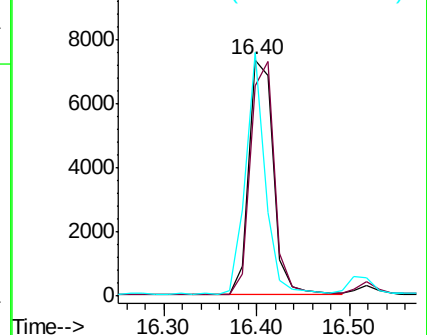
141 103.1 77.0 115.4

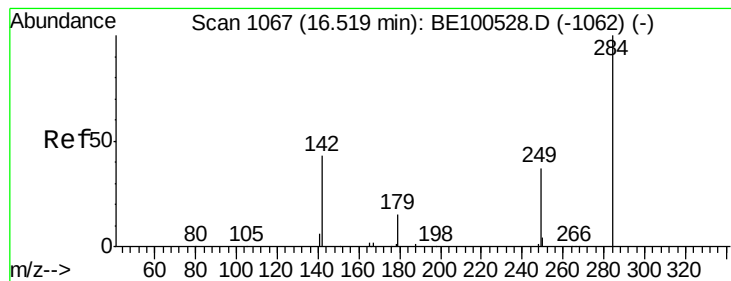


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.801 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

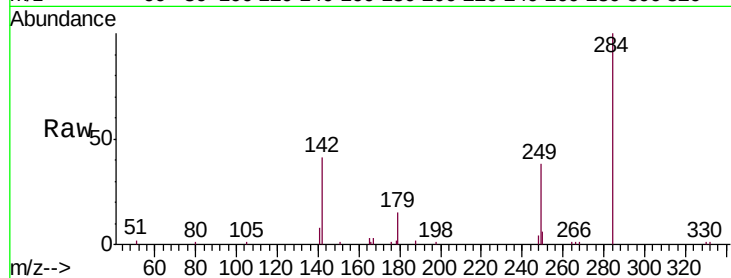
Tgt Ion:284 Resp: 11703

Ion Ratio Lower Upper

284 100

142 46.0 39.0 58.6

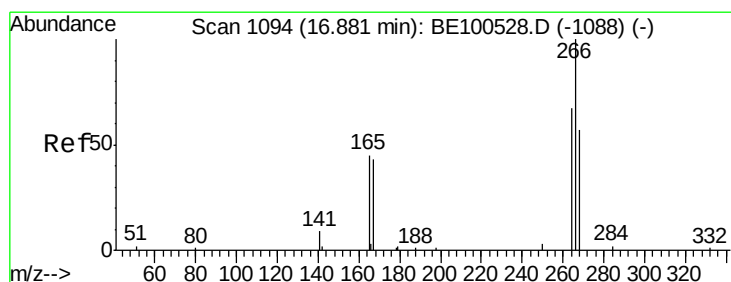
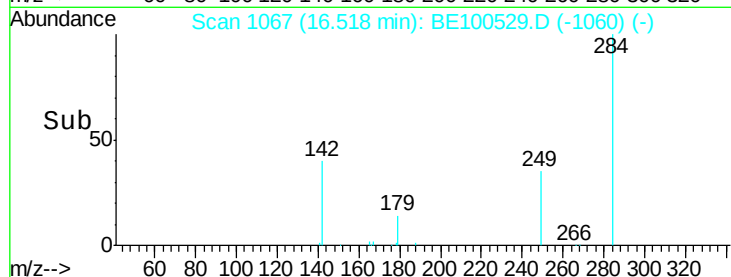
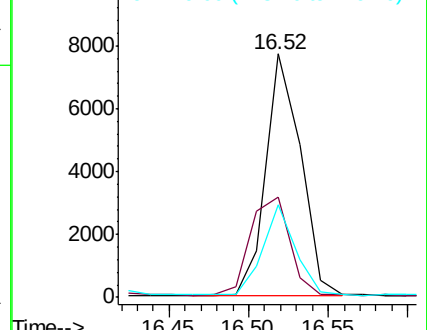
249 34.4 28.2 42.2



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: 0.565 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

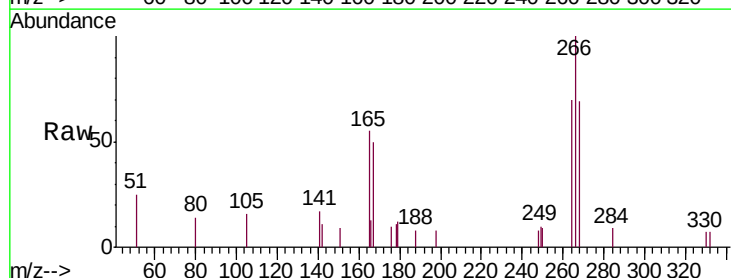
Tgt Ion:266 Resp: 2068

Ion Ratio Lower Upper

266 100

264 70.2 57.6 86.4

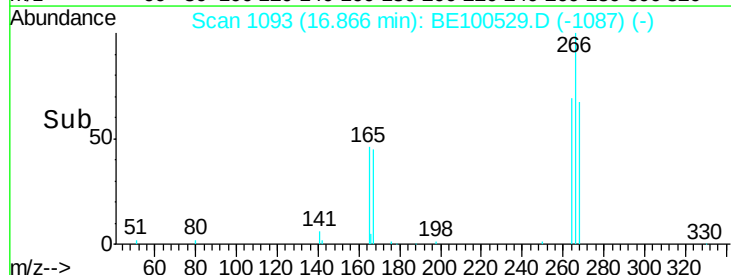
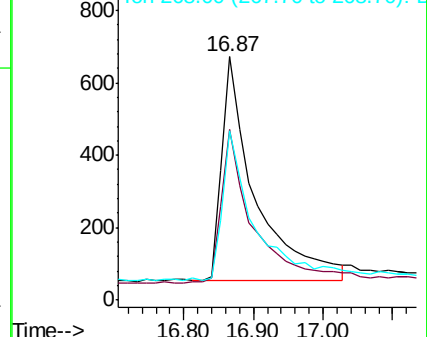
268 69.5 55.1 82.7

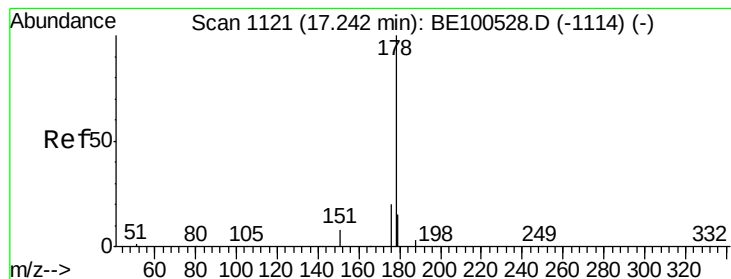


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.771 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

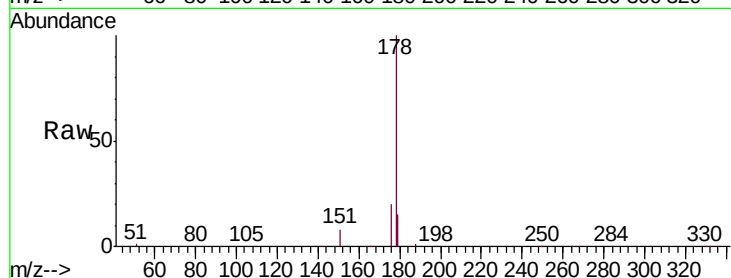
Tgt Ion:178 Resp: 78961

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

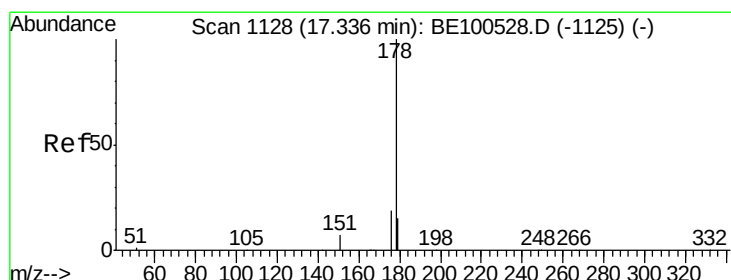
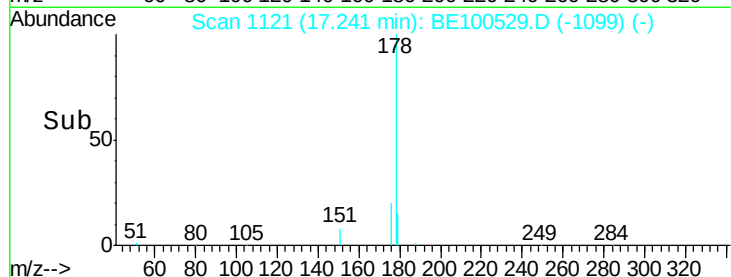
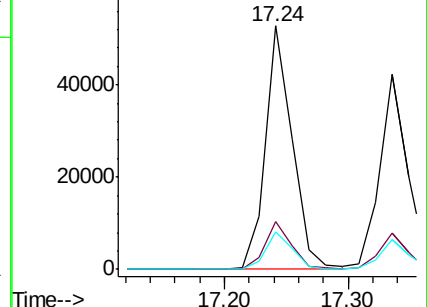
179 15.4 12.6 18.8



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: 0.751 ng

RT: 17.33 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

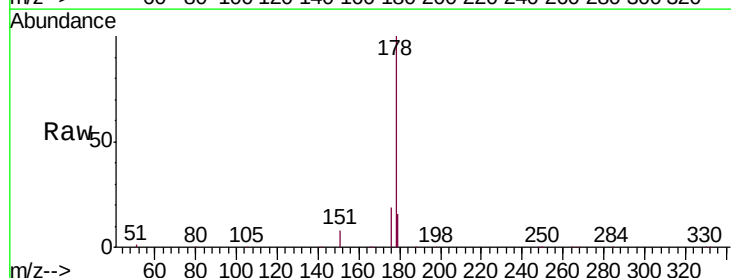
Tgt Ion:178 Resp: 65325

Ion Ratio Lower Upper

178 100

176 18.4 15.2 22.8

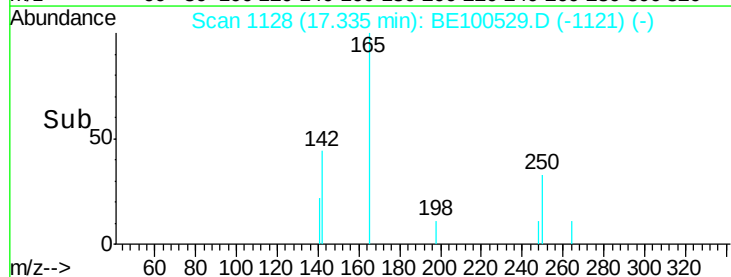
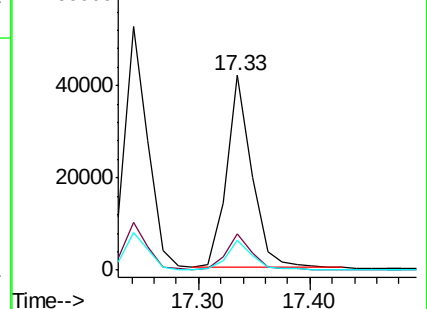
179 15.2 12.2 18.4

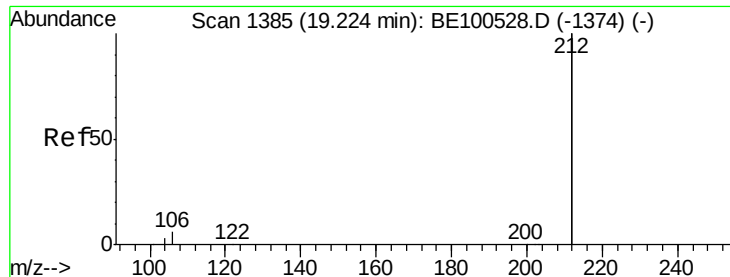


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

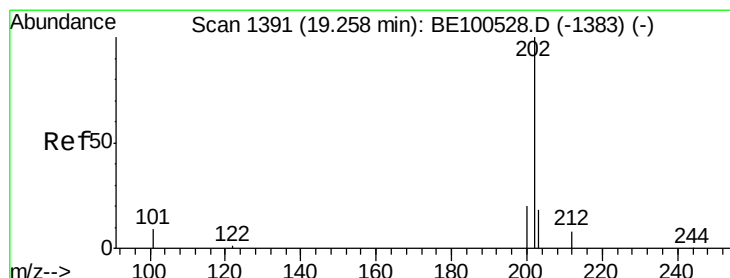
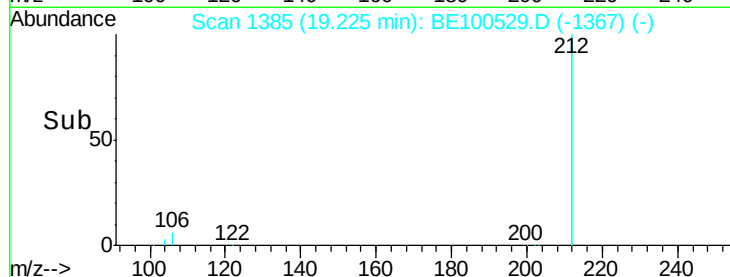
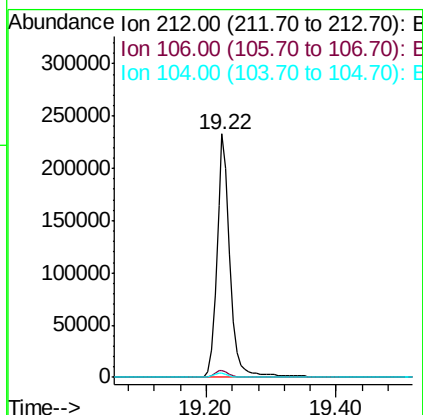
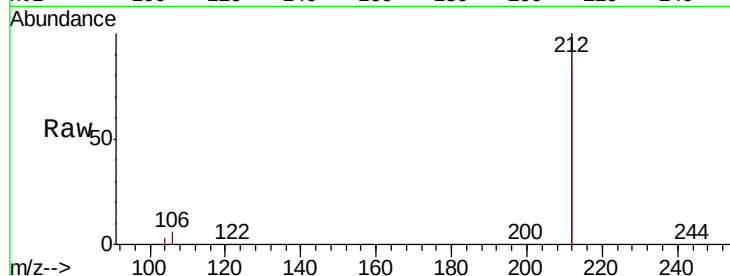




#25
 Fluoranthene-d10
 Concen: 0.722 ng
 RT: 19.22 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BE100529.D
 Acq: 20 Sep 2019 15:48

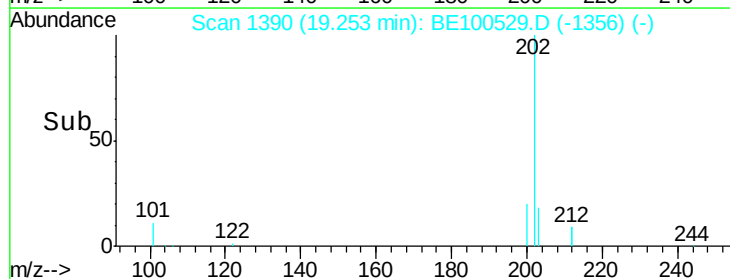
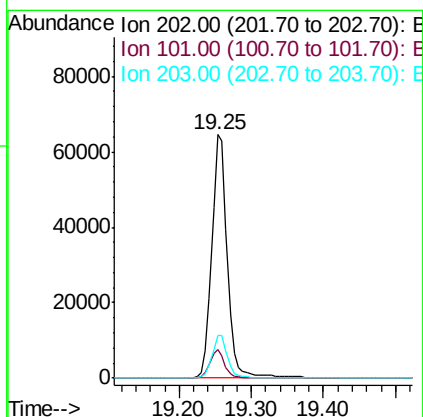
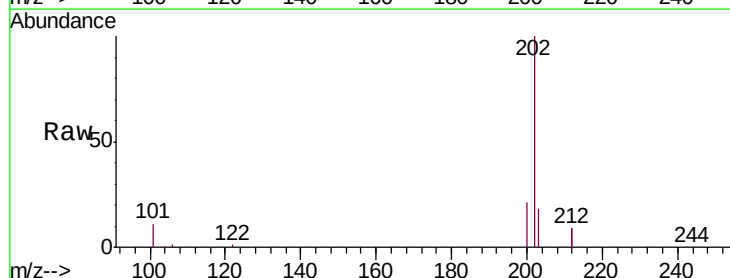
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

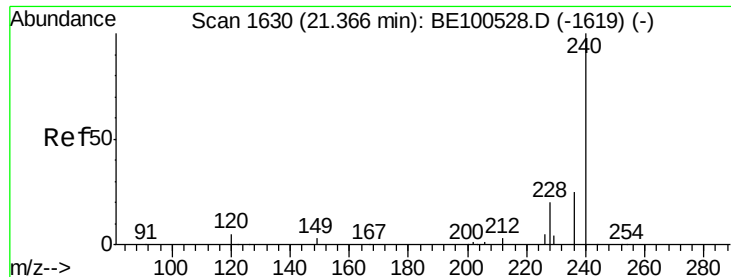
Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.3	3.5
104	1.7	1.3	1.9



#26
 Fluoranthene
 Concen: 0.773 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BE100529.D
 Acq: 20 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.8	13.2
203	17.4	13.7	20.5

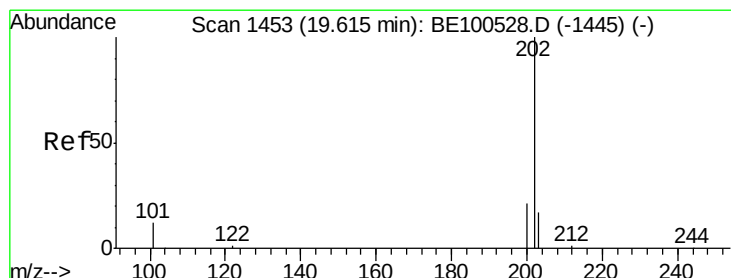
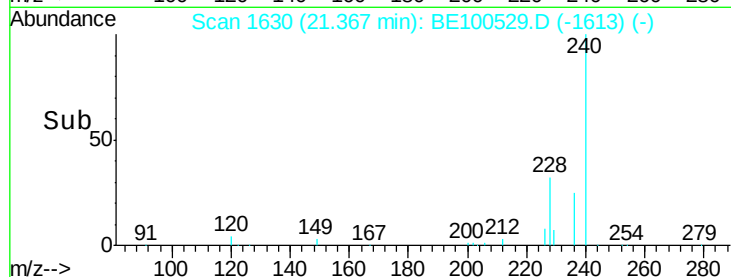
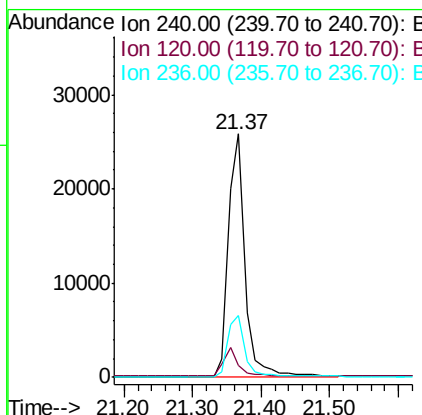
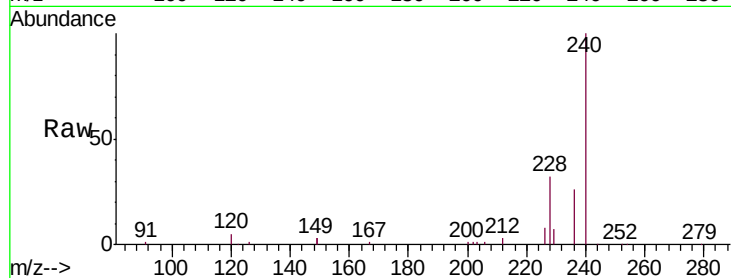




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BE100529.D
 Acq: 20 Sep 2019 15:48

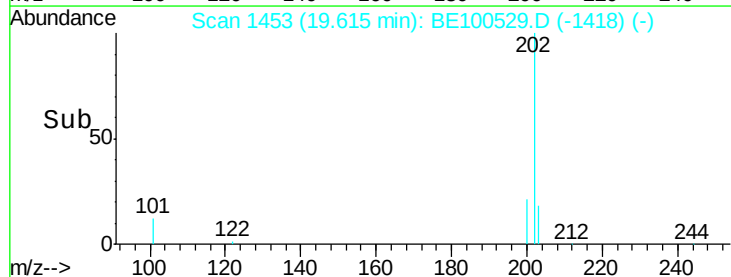
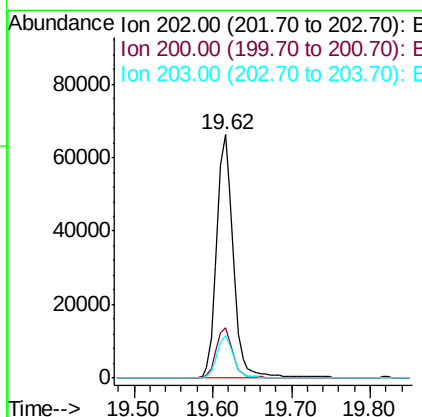
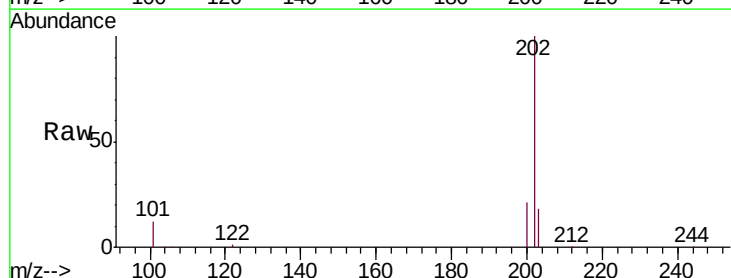
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

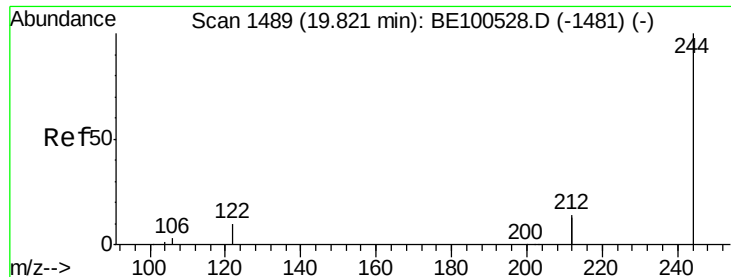
Tgt Ion: 240 Resp: 43607
 Ion Ratio Lower Upper
 240 100
 120 5.1 4.5 6.7
 236 25.7 20.6 30.8



#28
 Pyrene
 Concen: 0.777 ng
 RT: 19.62 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BE100529.D
 Acq: 20 Sep 2019 15:48

Tgt Ion: 202 Resp: 95656
 Ion Ratio Lower Upper
 202 100
 200 20.7 16.6 25.0
 203 17.5 14.0 21.0





#29

Terphenyl-d14

Concen: 0.787 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

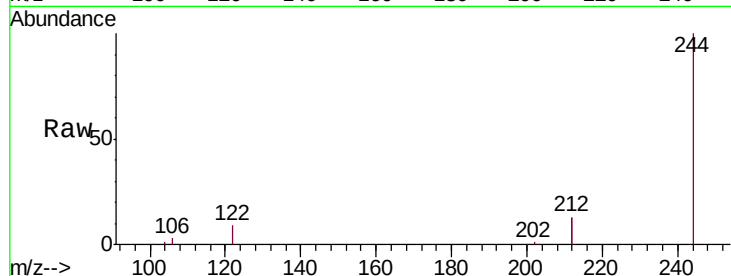
Tgt Ion:244 Resp: 79703

Ion Ratio Lower Upper

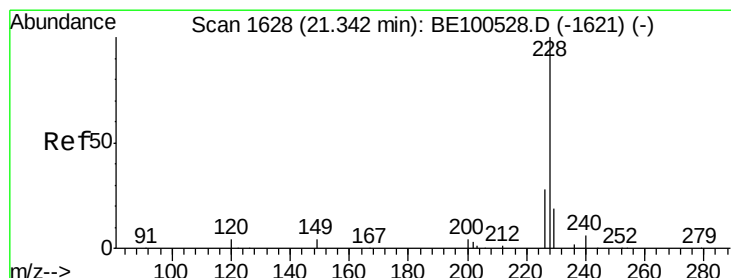
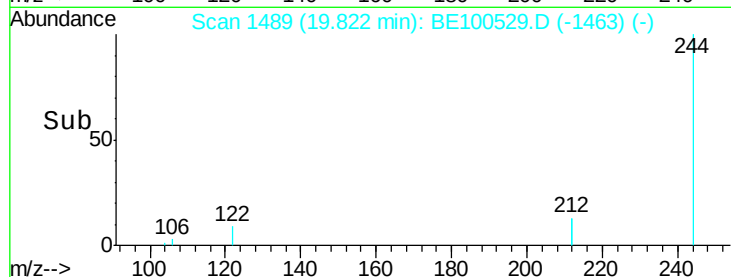
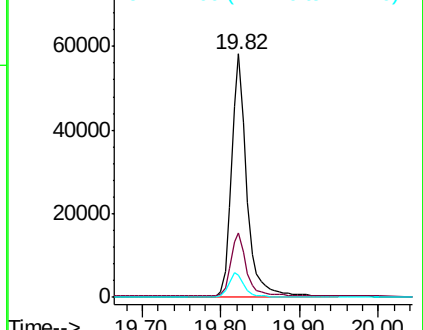
244 100

212 26.3 22.2 33.2

122 9.1 8.3 12.5



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: 0.712 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

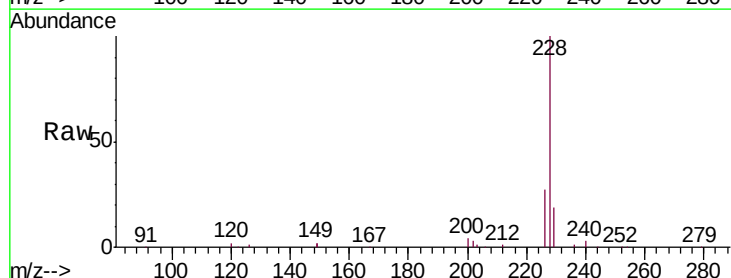
Tgt Ion:228 Resp: 85730

Ion Ratio Lower Upper

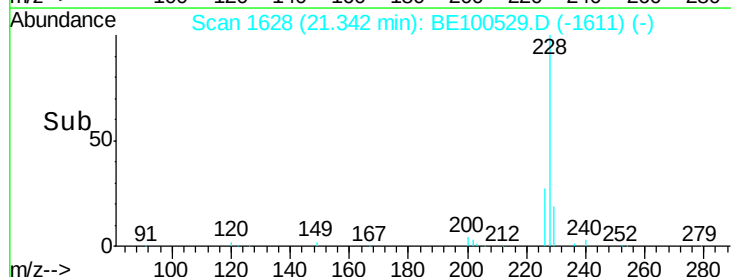
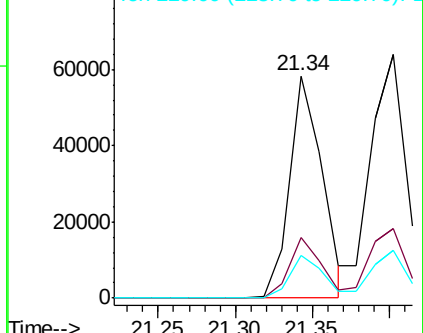
228 100

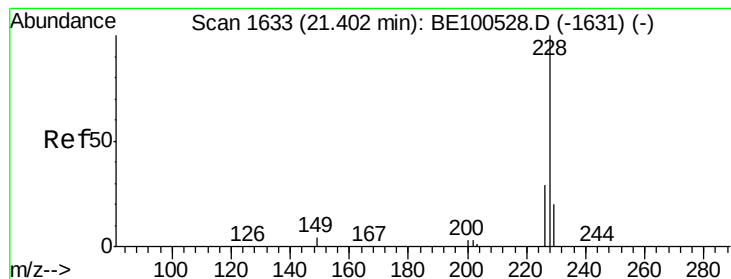
226 27.4 22.5 33.7

229 19.4 15.4 23.2



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: 0.822 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

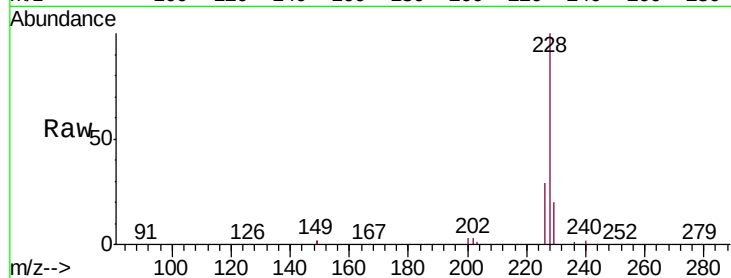
Tgt Ion:228 Resp: 104884

Ion Ratio Lower Upper

228 100

226 28.7 23.3 34.9

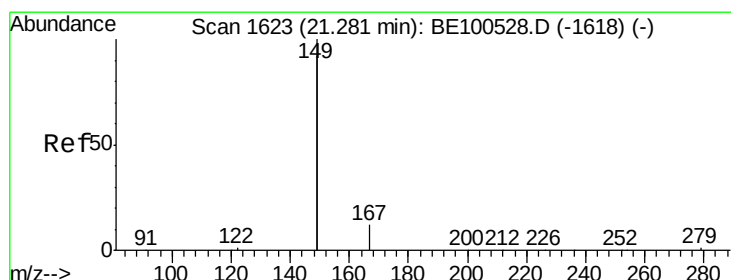
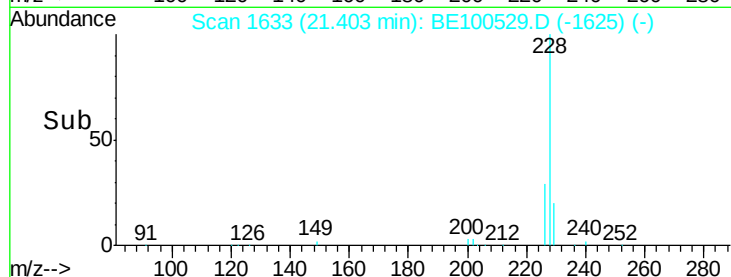
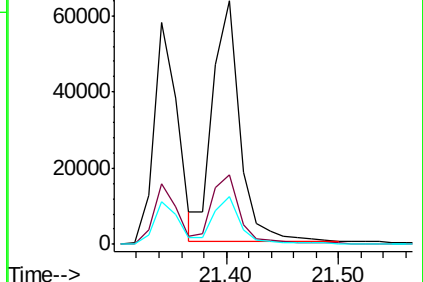
229 19.7 16.3 24.5



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: 0.666 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

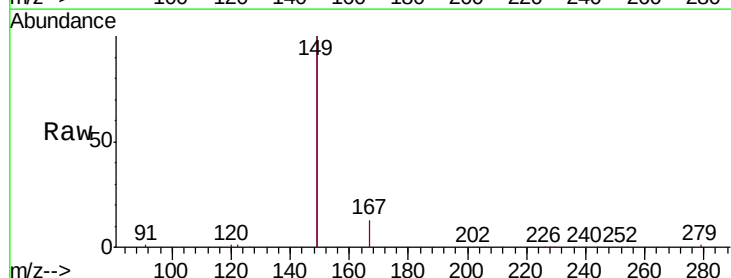
Tgt Ion:149 Resp: 95970

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

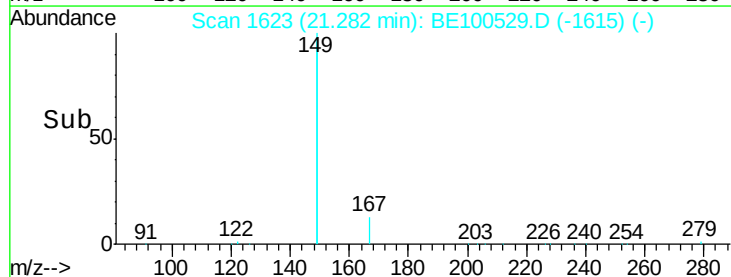
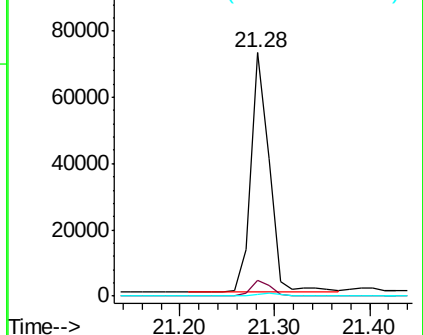
279 1.1 1.0 1.4

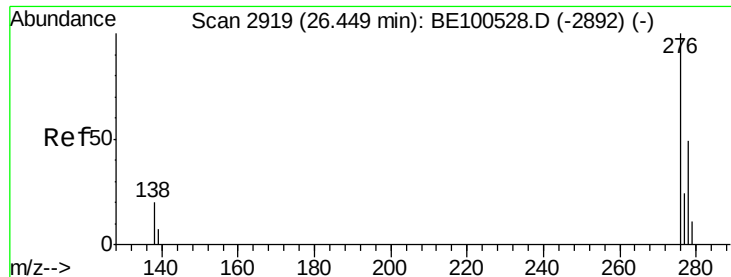


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.747 ng

RT: 26.45 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

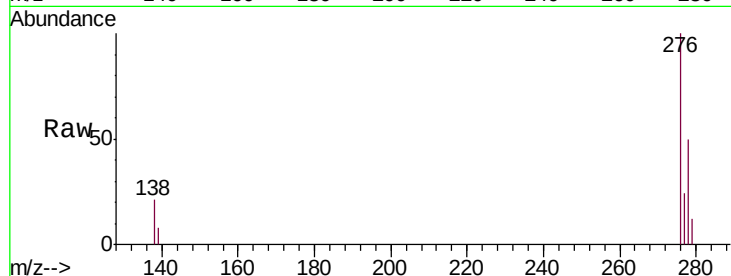
Tgt Ion: 276 Resp: 112728

Ion Ratio Lower Upper

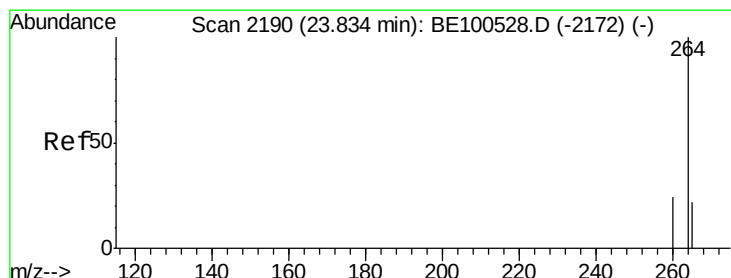
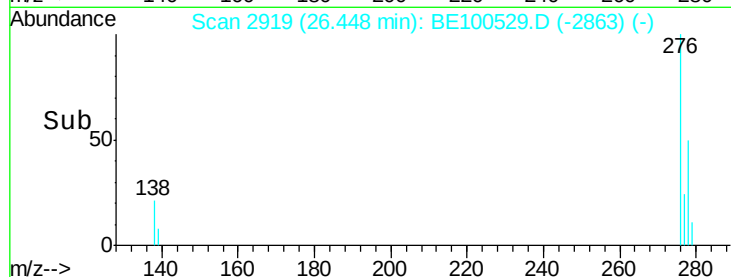
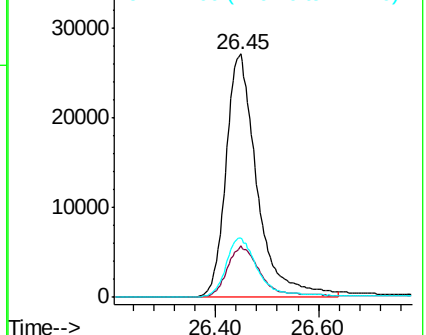
276 100

138 22.0 17.7 26.5

277 24.8 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.83 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

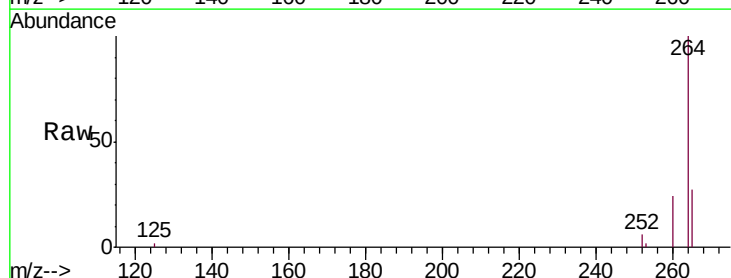
Tgt Ion: 264 Resp: 46679

Ion Ratio Lower Upper

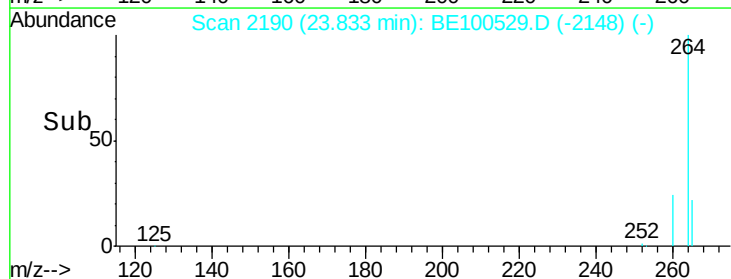
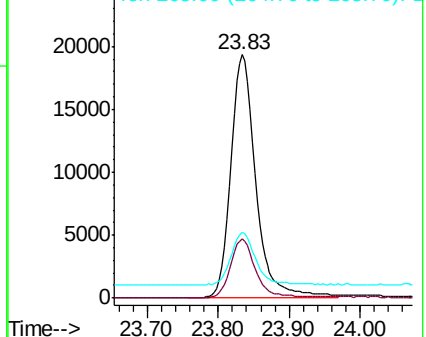
264 100

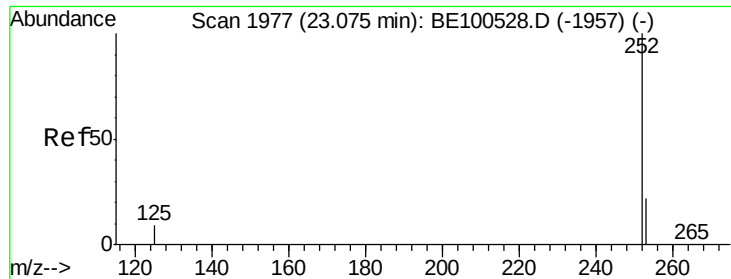
260 24.1 19.6 29.4

265 26.8 21.8 32.8



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





#35

Benzo(b)fluoranthene

Concen: 0.795 ng

RT: 23.07 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

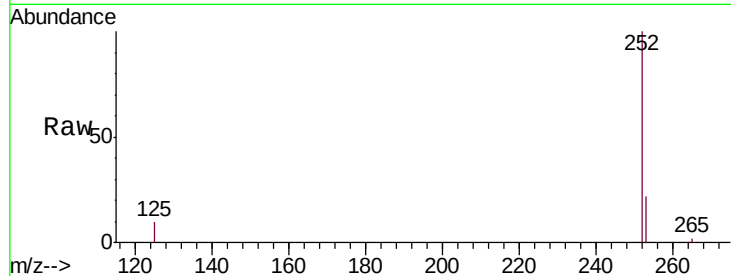
Tgt Ion:252 Resp: 97242

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

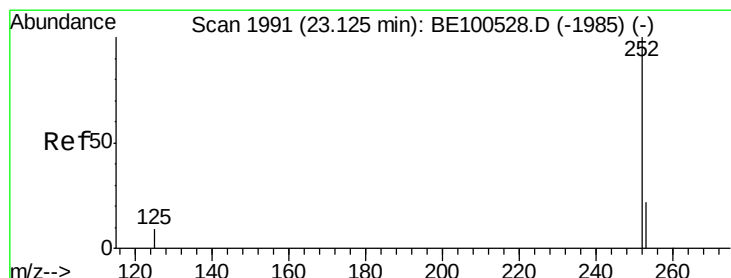
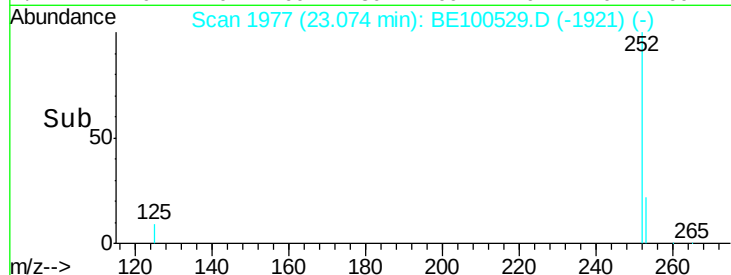
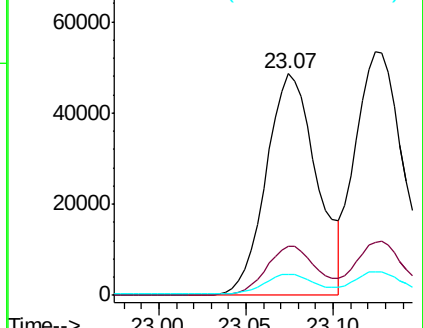
125 9.6 8.0 12.0



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: 0.784 ng

RT: 23.12 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

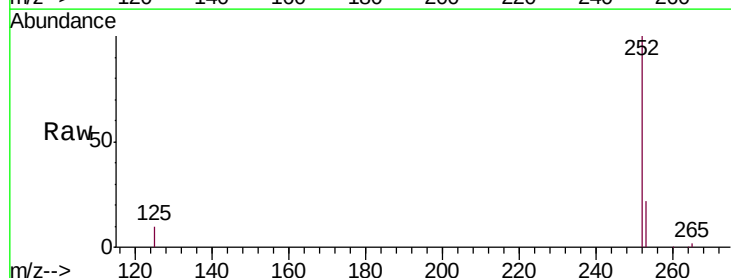
Tgt Ion:252 Resp: 111727

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

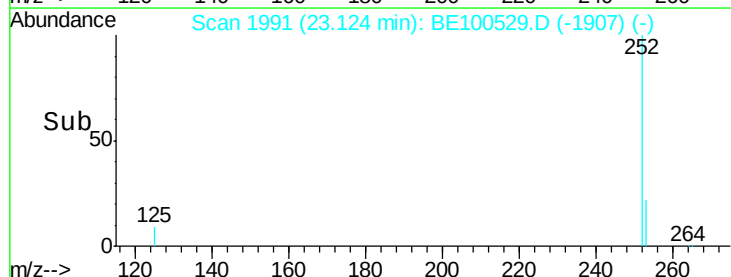
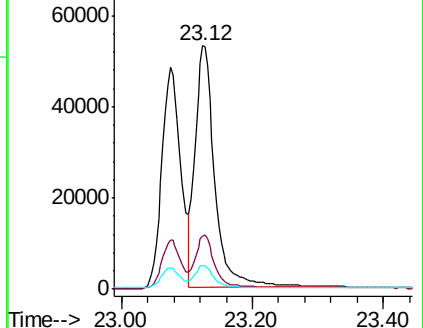
125 9.9 8.5 12.7

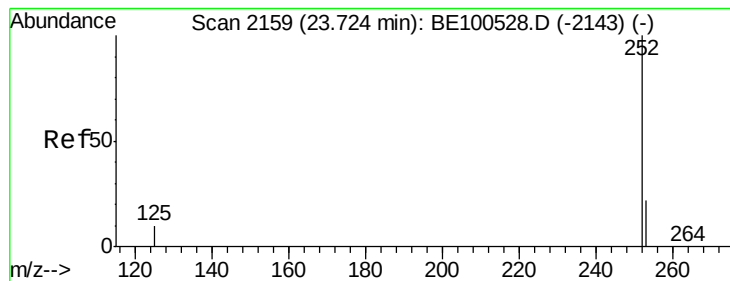


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.765 ng

RT: 23.73 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

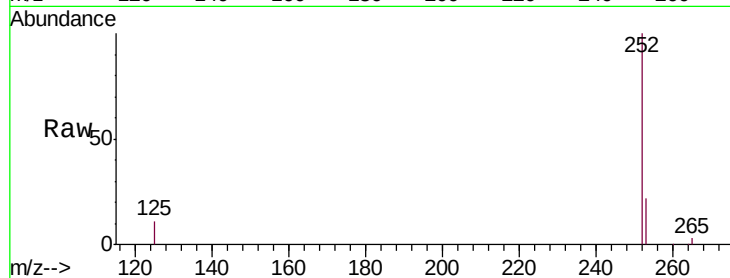
Tgt Ion:252 Resp: 89305

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

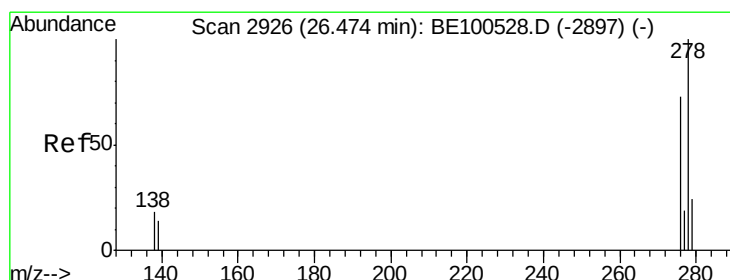
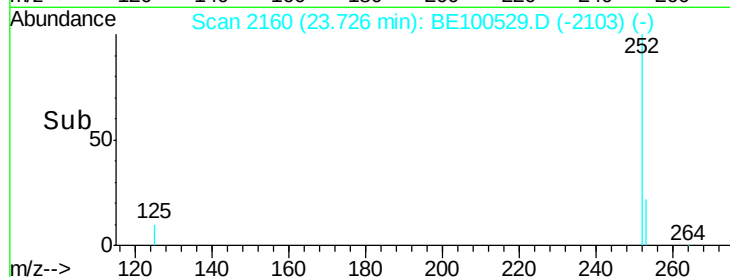
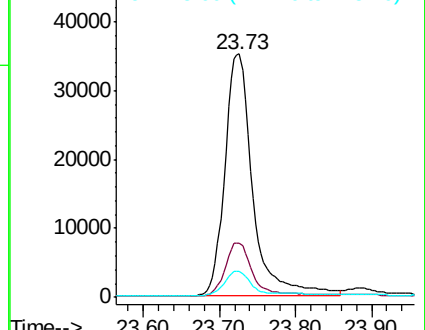
125 10.8 9.2 13.8



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



#38

Dibenzo(a,h)anthracene

Concen: 0.771 ng

RT: 26.47 min Scan# 2926

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

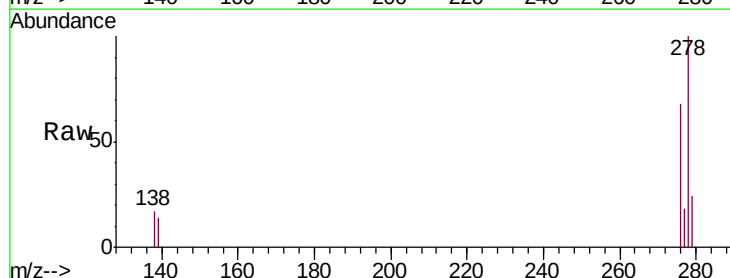
Tgt Ion:278 Resp: 92982

Ion Ratio Lower Upper

278 100

139 14.0 11.6 17.4

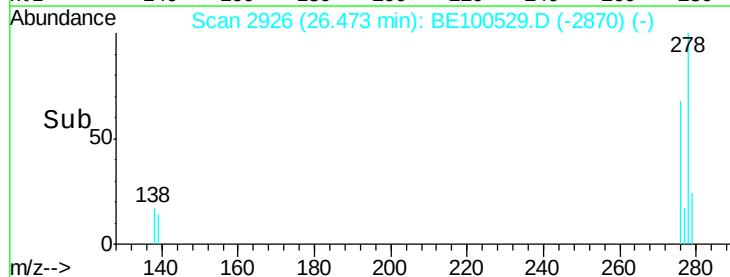
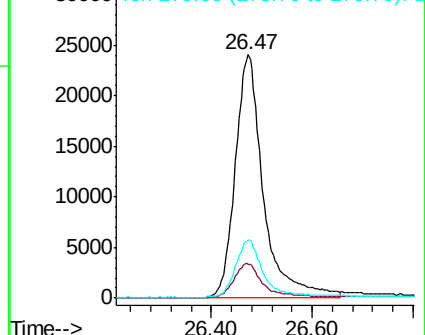
279 24.0 19.7 29.5

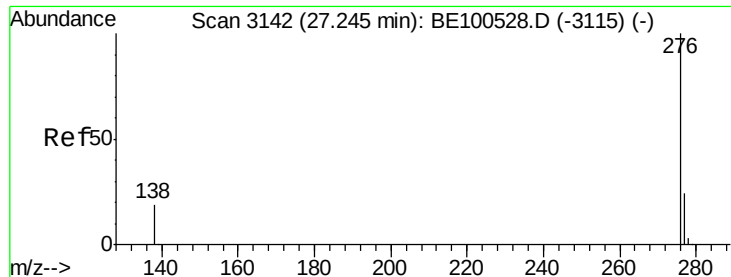


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.782 ng

RT: 27.24 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BE100529.D

Acq: 20 Sep 2019 15:48

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

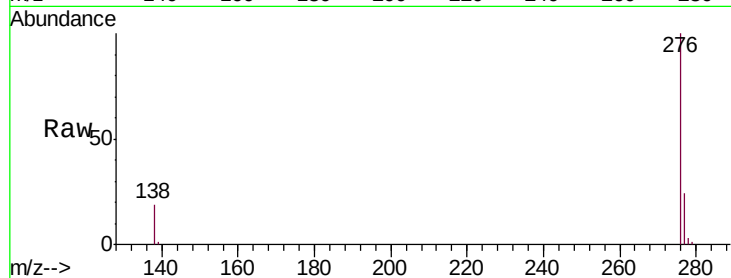
Tgt Ion: 276 Resp: 97320

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 19.3 15.7 23.5



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

