

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052019\
 Data File : BE099682.D
 Acq On : 21 May 2019 4:19
 Operator : JU/SJ
 Sample : K2944-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FESB-6(4.5-5)

Quant Time: May 21 06:45:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1429	0.40	ng	-0.01
7) Naphthalene-d8	10.62	136	5029	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3514	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	10330	0.40	ng	0.00
27) Chrysene-d12	21.42	240	15610	0.40	ng	0.00
34) Perylene-d12	23.96	264	19042	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	1365	0.38	ng	0.00
5) Phenol-d6	6.98	99	1858	0.39	ng	0.00
8) Nitrobenzene-d5	8.98	82	1459	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	2614	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	648	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3817	0.29	ng	0.00
25) Fluoranthene-d10	19.26	212	39629	0.28	ng	0.00
29) Terphenyl-d14	19.86	244	8007	0.29	ng	-0.01

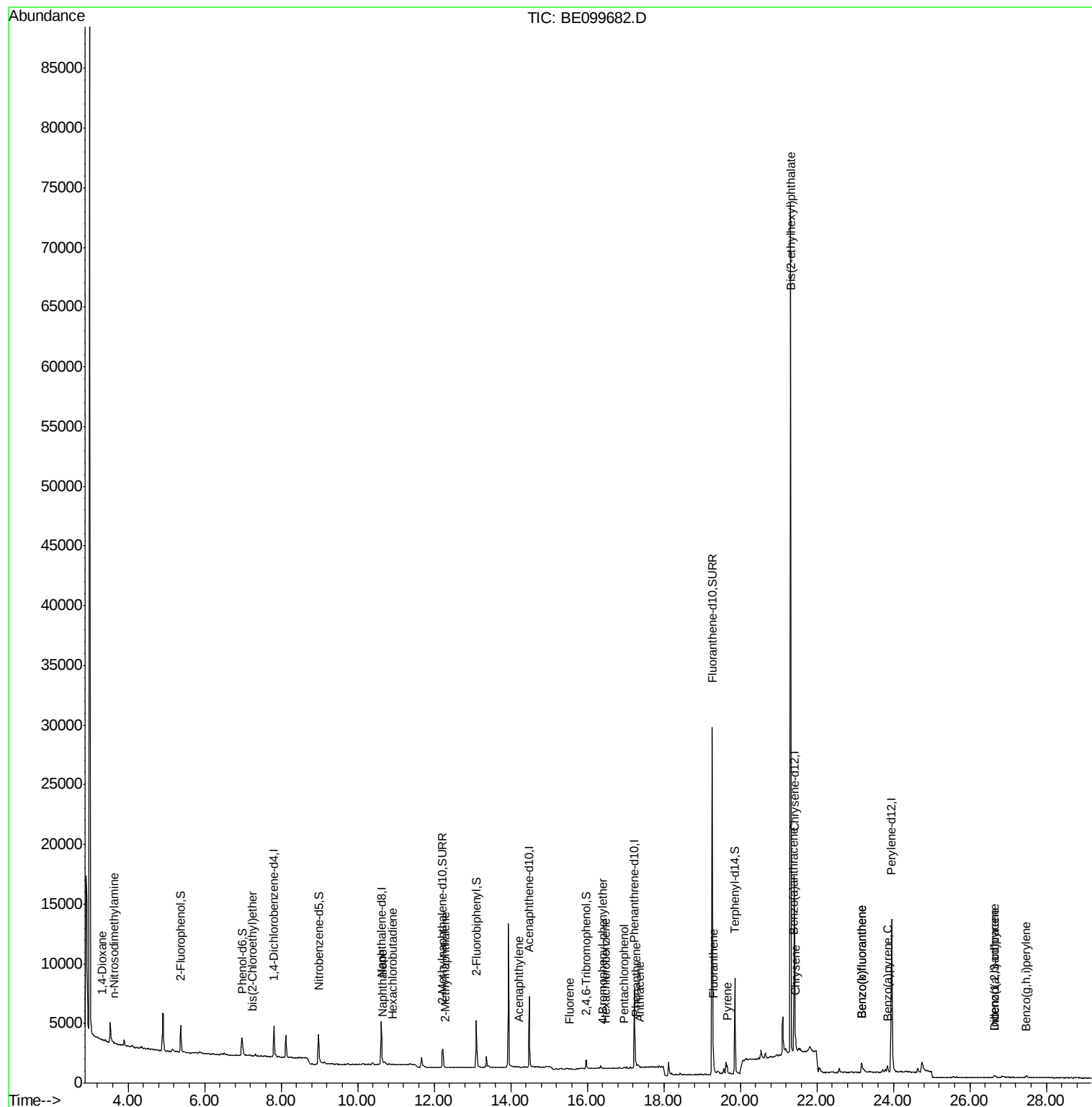
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	19	0.009	ng	# 34
3) n-Nitrosodimethylamine	3.64	42	28	0.024	ng	# 1
6) bis(2-Chloroethyl)ether	7.24	93	6	0.001	ng	# 1
9) Naphthalene	10.65	128	240	0.004	ng	# 52
10) Hexachlorobutadiene	10.91	225	5	0.001	ng	# 1
12) 2-Methylnaphthalene	12.30	142	16	0.002	ng	# 67
16) Acenaphthylene	14.21	152	57	0.003	ng	# 45
18) Fluorene	15.53	166	60	0.004	ng	# 67
20) 4-Bromophenyl-phenylether	16.40	248	9	0.002	ng	# 61
21) Hexachlorobenzene	16.49	284	8	0.001	ng	# 48
22) Pentachlorophenol	16.96	266	6	0.184	ng	# 72
23) Phenanthrene	17.27	178	376	0.015	ng	# 79
24) Anthracene	17.36	178	51	0.002	ng	# 87
26) Fluoranthene	19.29	202	758	0.019	ng	# 85
28) Pyrene	19.66	202	721	0.018	ng	# 85
30) Benzo(a)anthracene	21.40	228	515	0.012	ng	# 43
31) Chrysene	21.45	228	425	0.009	ng	# 60
32) Bis(2-ethylhexyl)phthalate	21.32	149	89688	1.754	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.65	276	426	0.007	ng	# 77
35) Benzo(b)fluoranthene	23.17	252	852	0.016	ng	# 1
36) Benzo(k)fluoranthene	23.17	252	852	0.016	ng	# 1
37) Benzo(a)pyrene	23.84	252	595	0.012	ng	# 1
38) Dibenzo(a,h)anthracene	26.65	278	17	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.47	276	191	0.004	ng	# 20

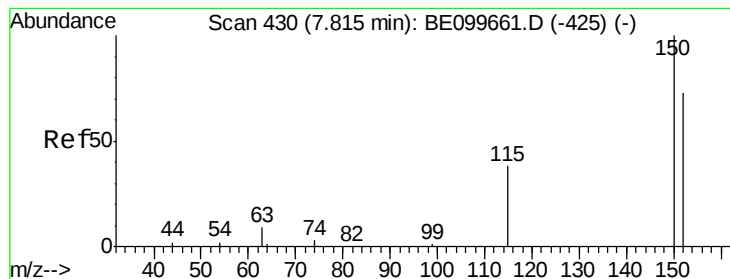
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

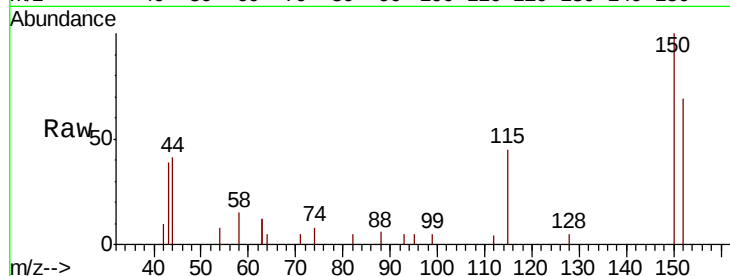
Tgt Ion:152 Resp: 1429

Ion Ratio Lower Upper

152 100

150 145.0 109.2 163.8

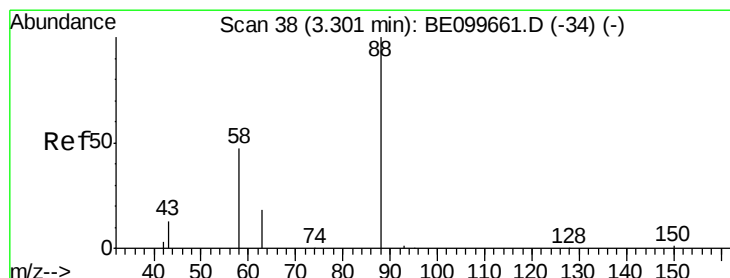
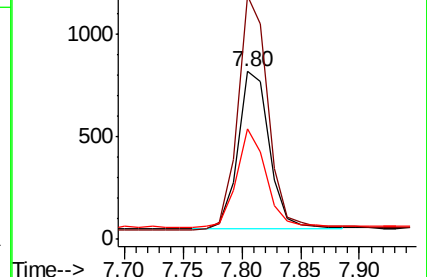
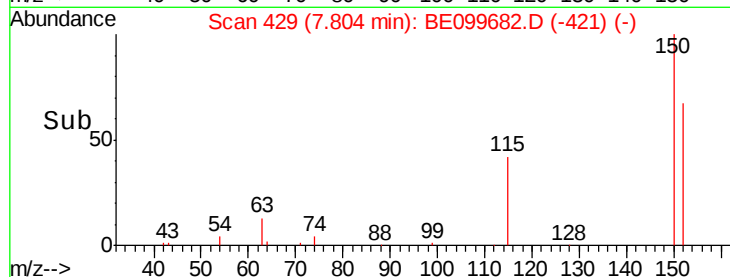
115 65.7 43.7 65.5#



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: 0.009 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.01 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

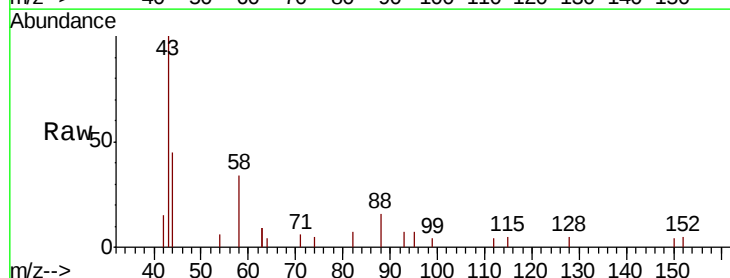
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

58 0.0 41.8 62.8#

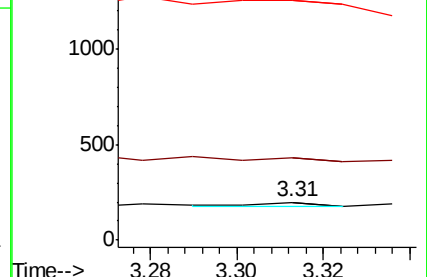
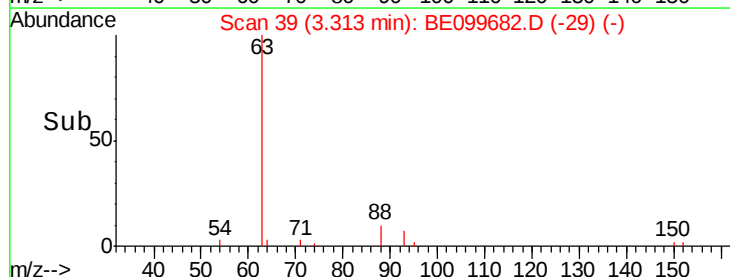
43 0.0 15.0 22.4#

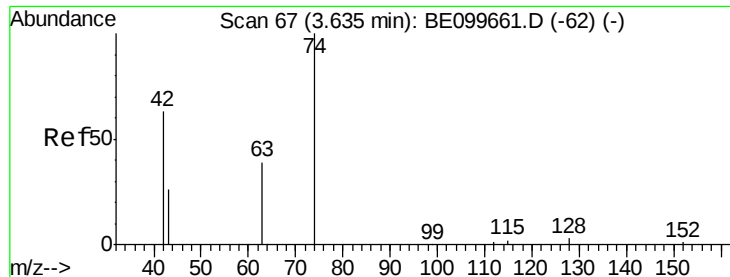


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.024 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

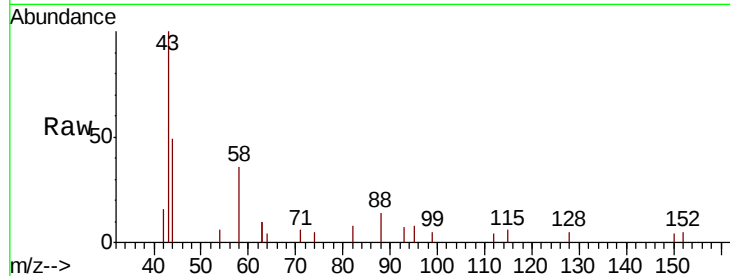
Tgt Ion: 42 Resp: 28

Ion Ratio Lower Upper

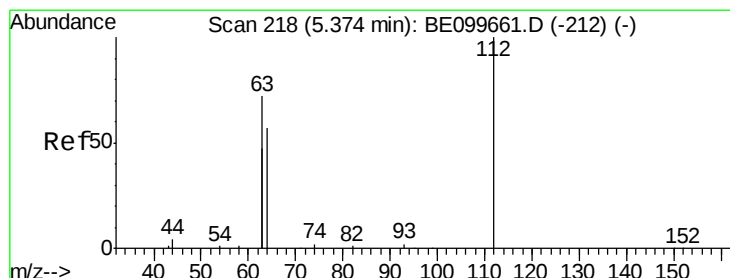
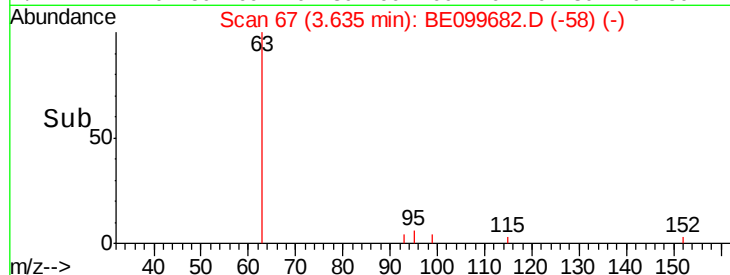
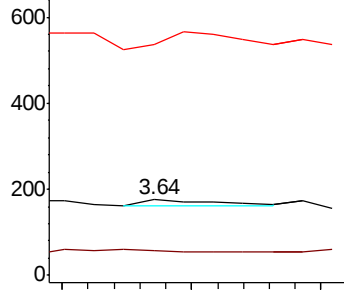
42 100

74 0.0 129.2 193.8#

44 332.1 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.378 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

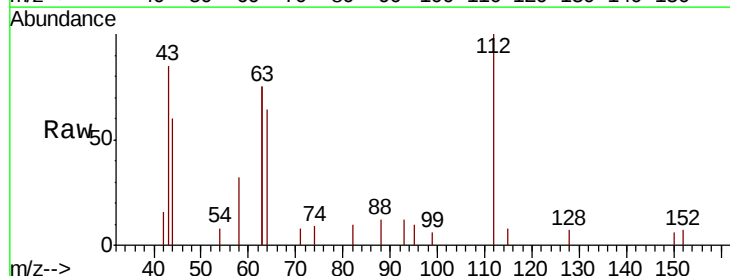
Tgt Ion: 112 Resp: 1365

Ion Ratio Lower Upper

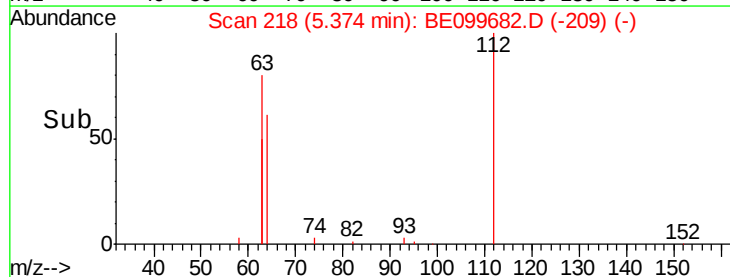
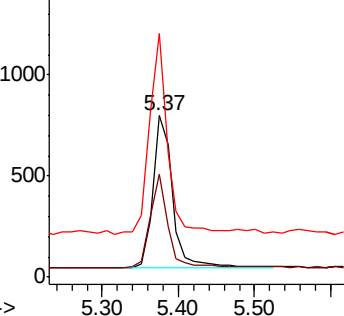
112 100

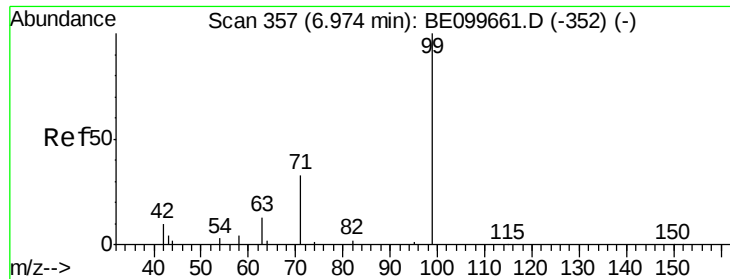
64 53.7 43.4 65.2

63 117.7 96.9 145.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.389 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

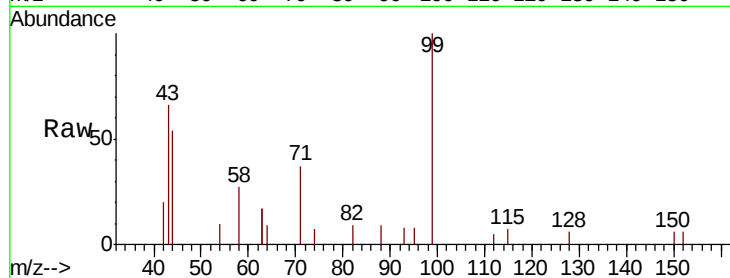
Tgt Ion: 99 Resp: 1858

Ion Ratio Lower Upper

99 100

42 15.6 12.2 18.2

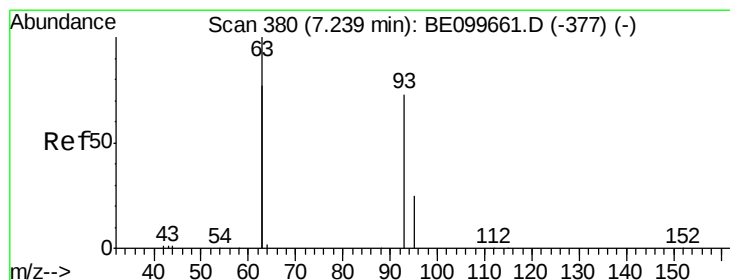
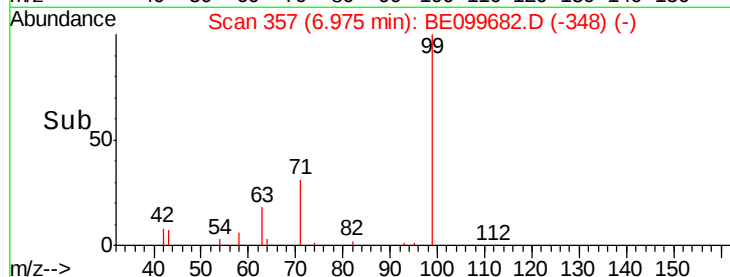
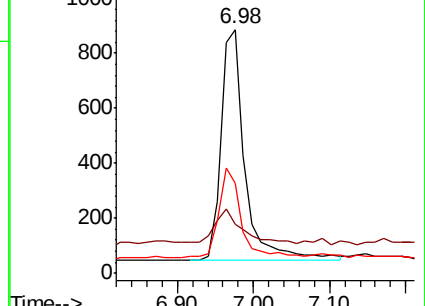
71 36.7 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

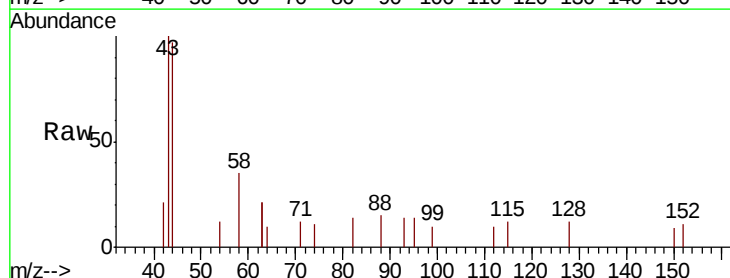
Tgt Ion: 93 Resp: 6

Ion Ratio Lower Upper

93 100

63 0.0 207.8 311.6#

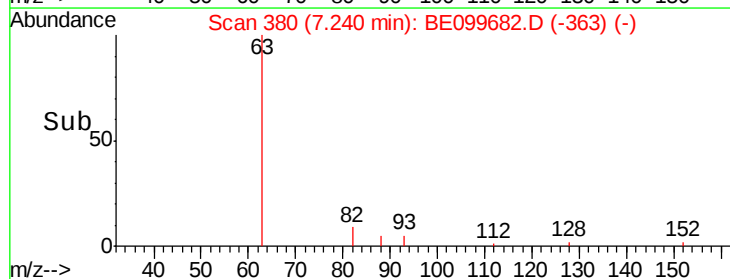
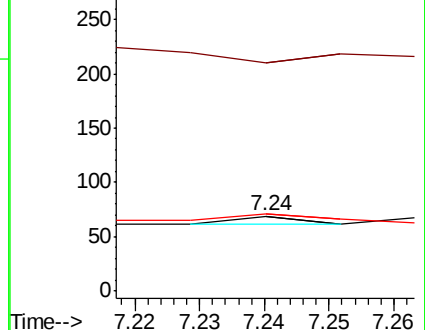
95 316.7 25.9 38.9#

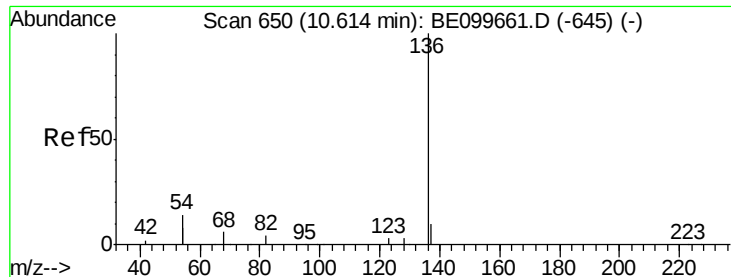


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.62 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

Tgt Ion: 136 Resp: 5029

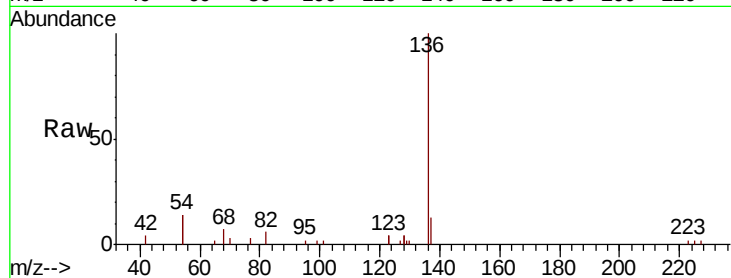
Ion Ratio Lower Upper

136 100

137 12.5 9.0 13.6

54 27.4 22.3 33.5

68 6.9 6.0 9.0

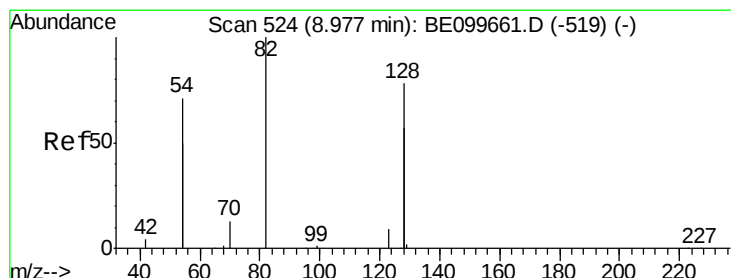
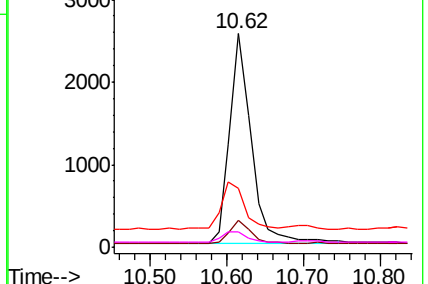
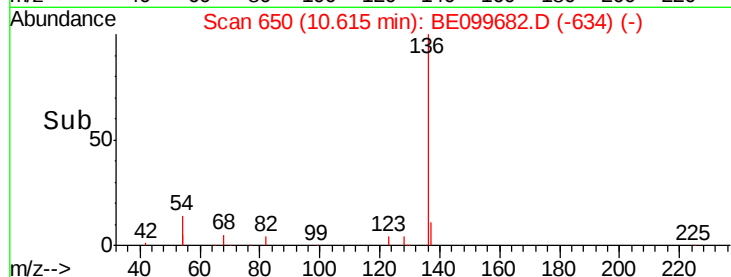


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.335 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

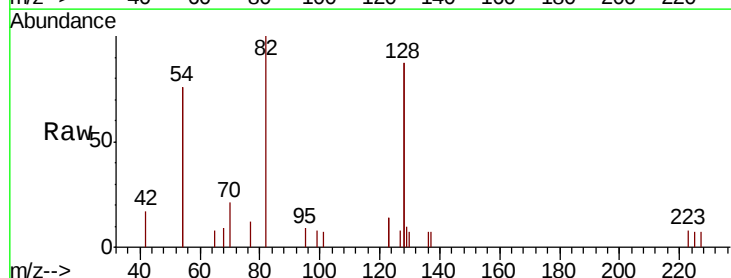
Tgt Ion: 82 Resp: 1459

Ion Ratio Lower Upper

82 100

128 173.1 117.7 176.5

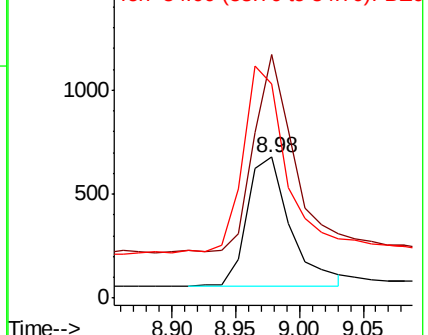
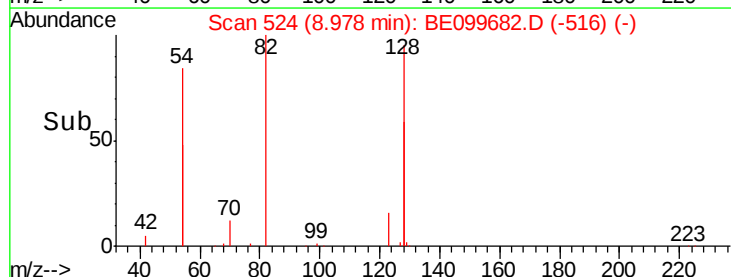
54 152.7 106.6 160.0

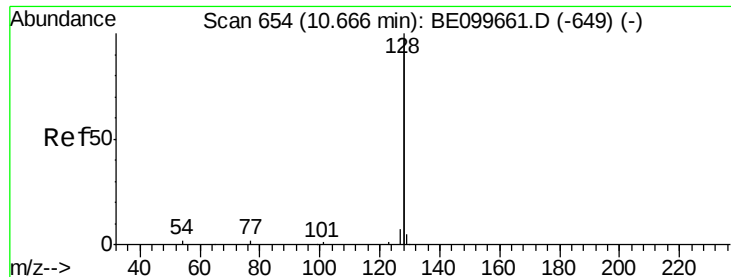


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

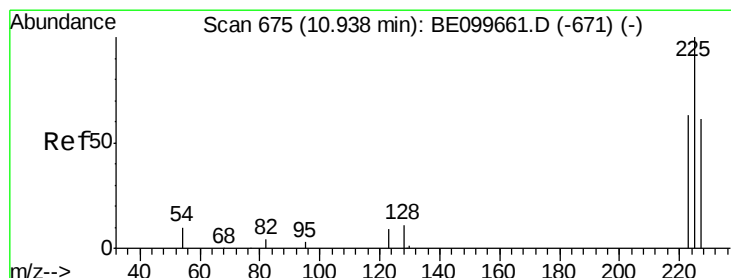
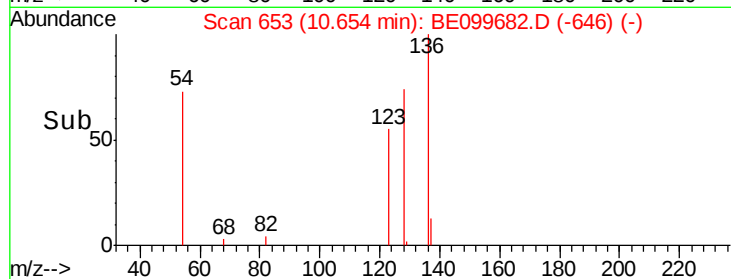
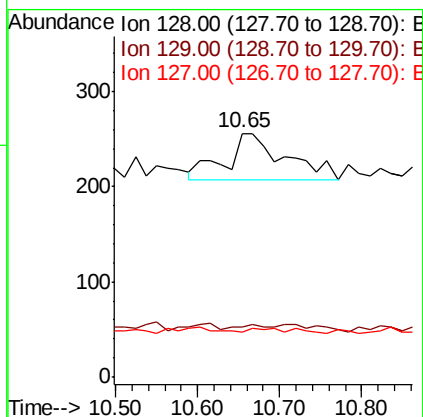
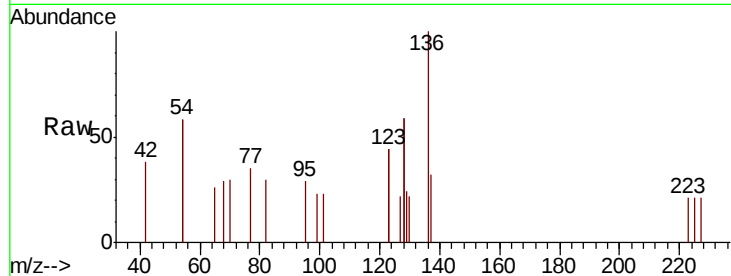




#9
Naphthalene
Concen: 0.004 ng
RT: 10.65 min Scan# 653
Delta R.T. -0.01 min
Lab File: BE099682.D
Acq: 21 May 2019 4:19

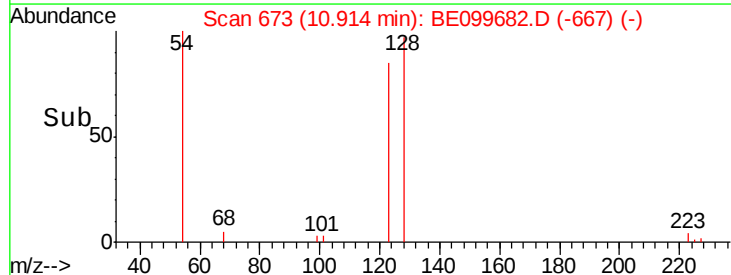
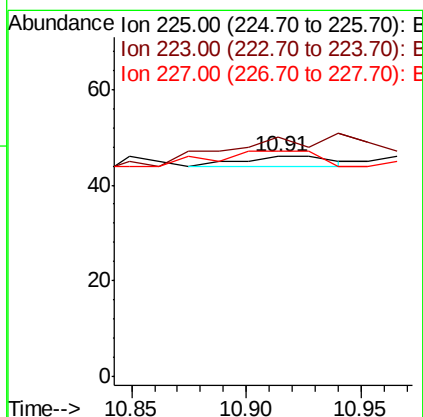
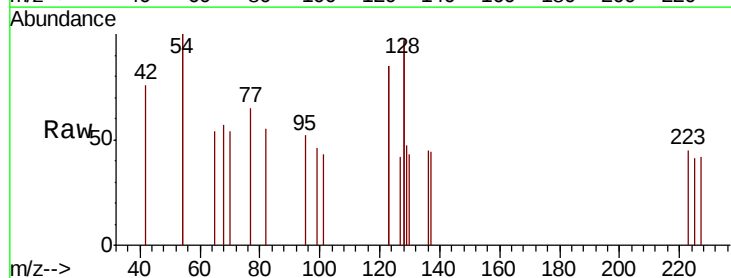
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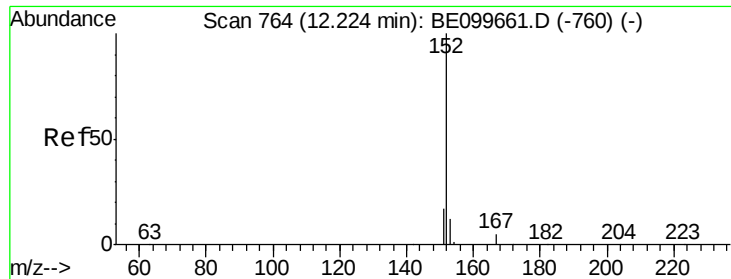
Tgt Ion:128 Resp: 240
Ion Ratio Lower Upper
128 100
129 20.3 2.4 3.6#
127 18.4 2.9 4.3#



#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.02 min
Lab File: BE099682.D
Acq: 21 May 2019 4:19

Tgt Ion:225 Resp: 5
Ion Ratio Lower Upper
225 100
223 0.0 51.8 77.6#
227 180.0 52.6 79.0#

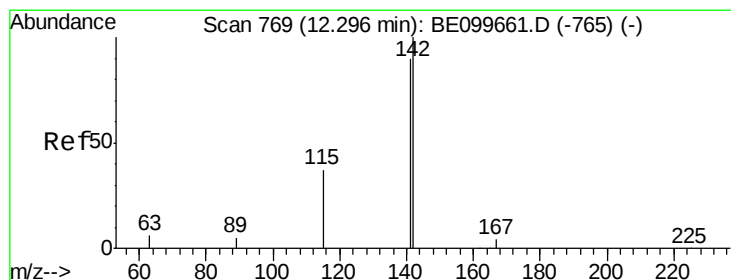
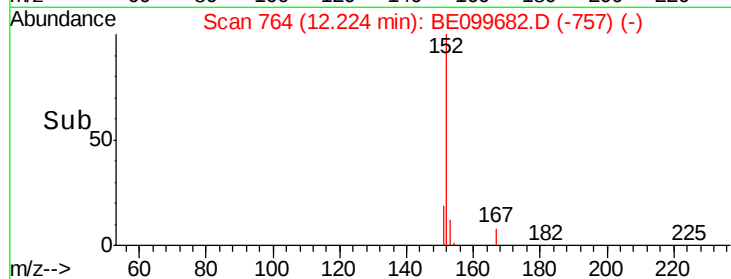
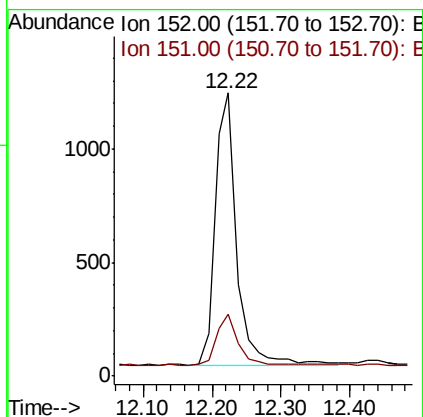
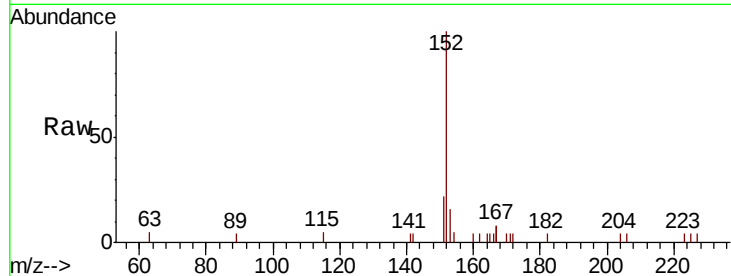




#11
 2-Methylnaphthalene-d10
 Concen: 0.301 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE099682.D
 Acq: 21 May 2019 4:19

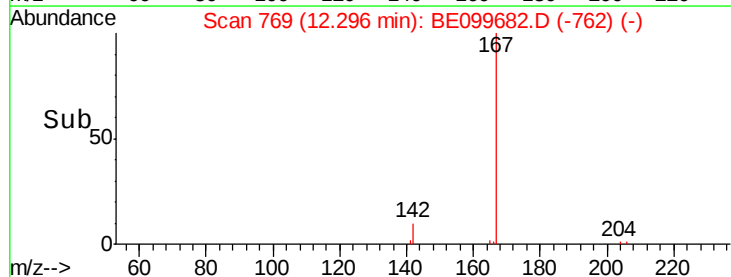
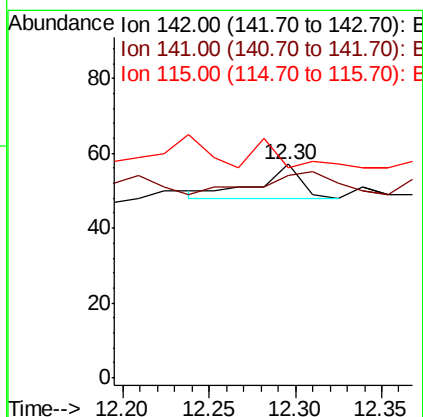
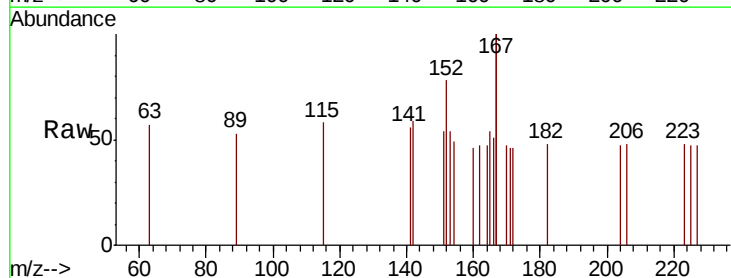
Instrument :
 BNA_E
 ClientSampleId :
 FESB-6(4.5-5)

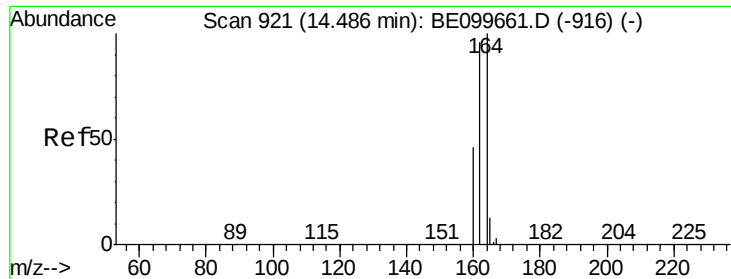
Tgt Ion:152 Resp: 2614
 Ion Ratio Lower Upper
 152 100
 151 18.0 15.0 22.4



#12
 2-Methylnaphthalene
 Concen: 0.002 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BE099682.D
 Acq: 21 May 2019 4:19

Tgt Ion:142 Resp: 16
 Ion Ratio Lower Upper
 142 100
 141 94.7 72.0 108.0
 115 98.2 31.0 46.4#

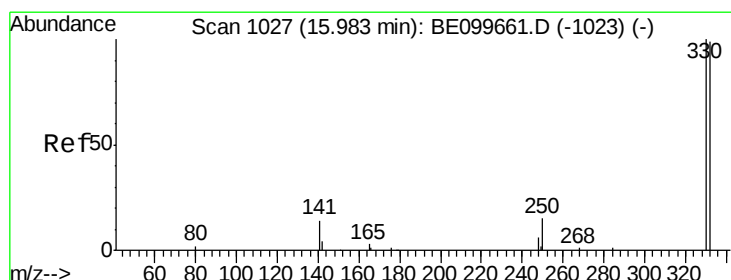
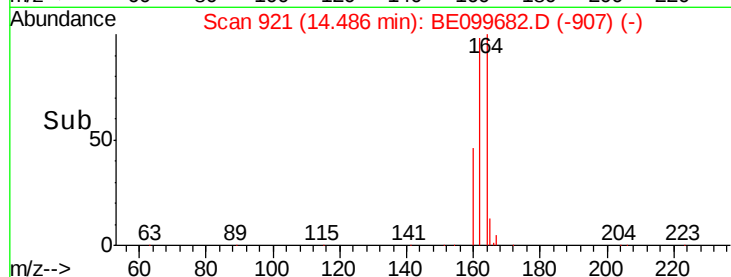
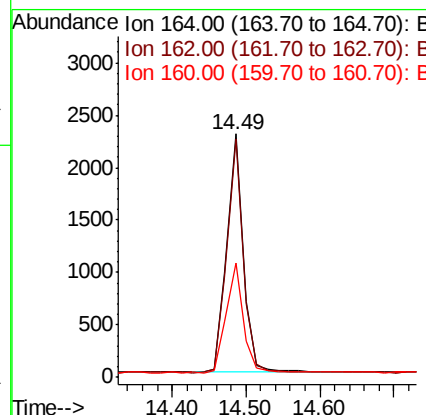
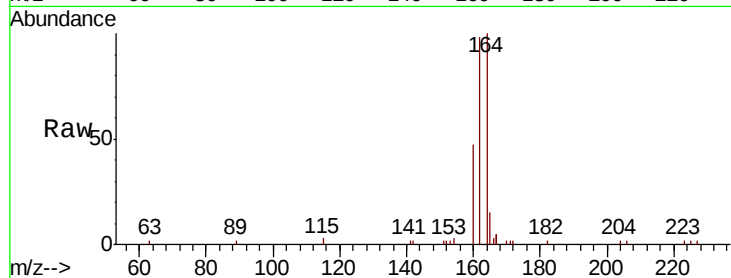




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099682.D
Acq: 21 May 2019 4:19

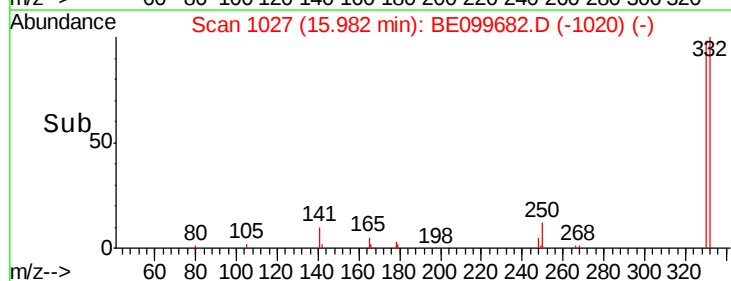
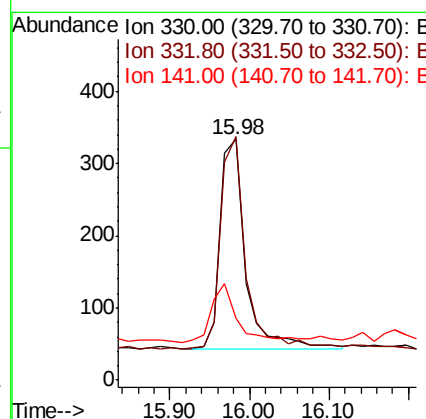
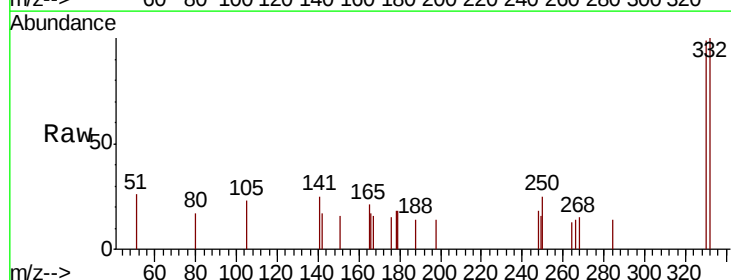
Instrument :
BNA_E
ClientSampleId :
FESB-6(4.5-5)

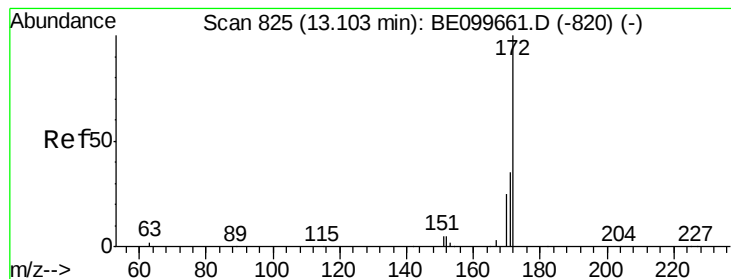
Tgt Ion:164 Resp: 3514
Ion Ratio Lower Upper
164 100
162 97.9 76.5 114.7
160 47.0 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099682.D
Acq: 21 May 2019 4:19

Tgt Ion:330 Resp: 648
Ion Ratio Lower Upper
330 100
332 98.3 77.3 115.9
141 29.5 18.9 28.3#





#15

2-Fluorobiphenyl

Concen: 0.286 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

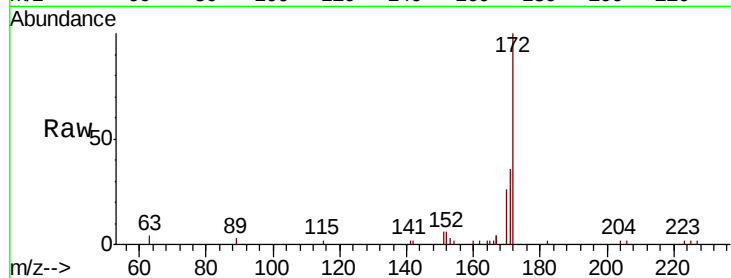
Tgt Ion:172 Resp: 3817

Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

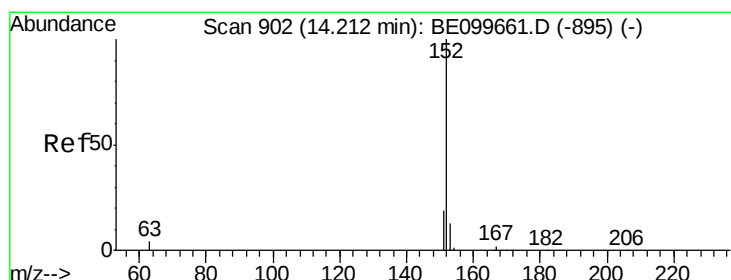
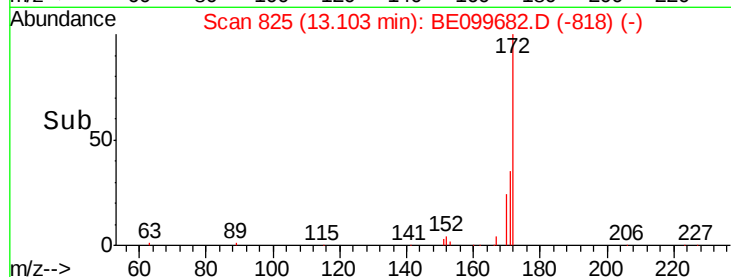
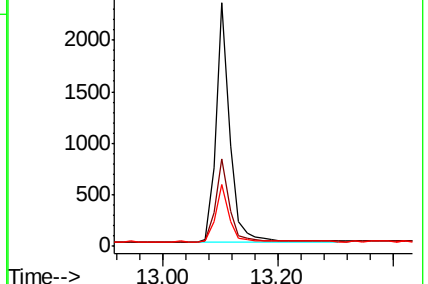
170 25.5 20.9 31.3



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



#16

Acenaphthylene

Concen: 0.003 ng

RT: 14.21 min Scan# 902

Delta R.T. -0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

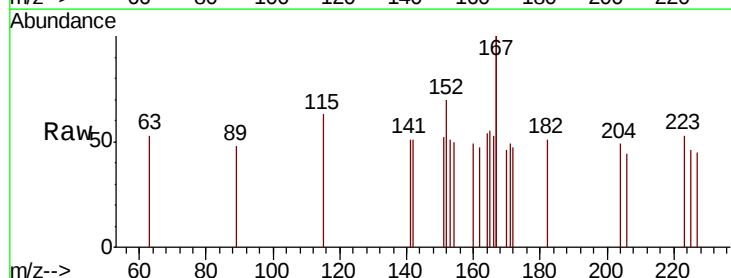
Tgt Ion:152 Resp: 57

Ion Ratio Lower Upper

152 100

151 43.9 15.9 23.9#

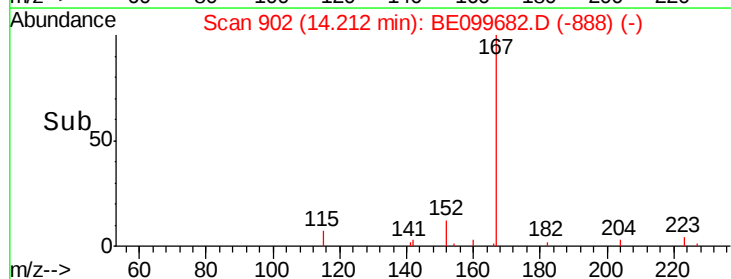
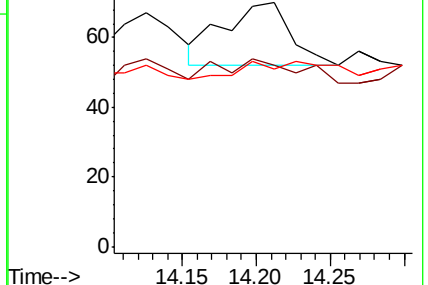
153 36.8 10.6 16.0#

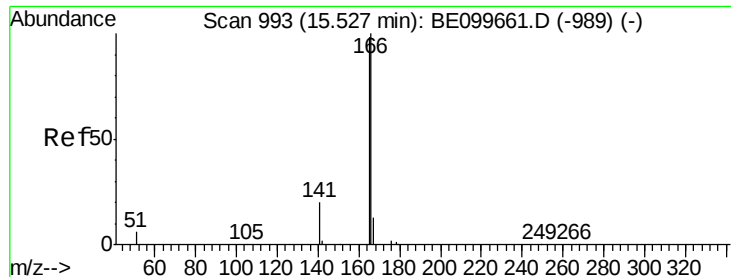


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

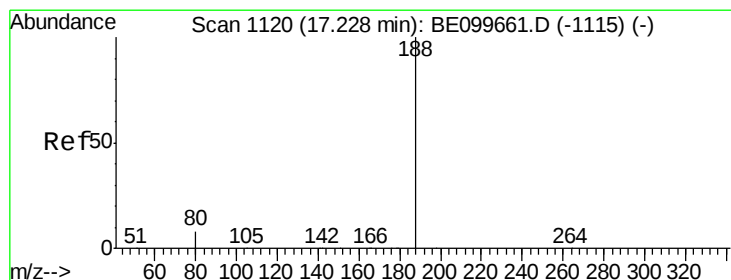
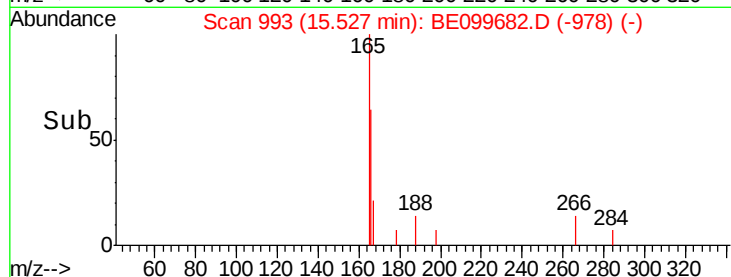
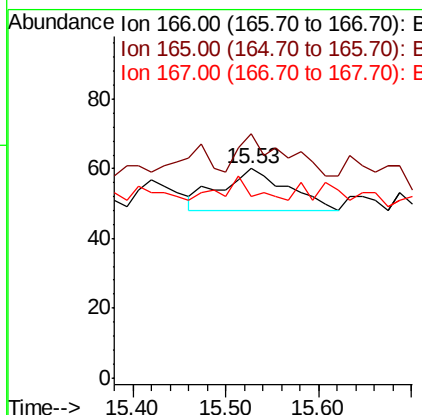
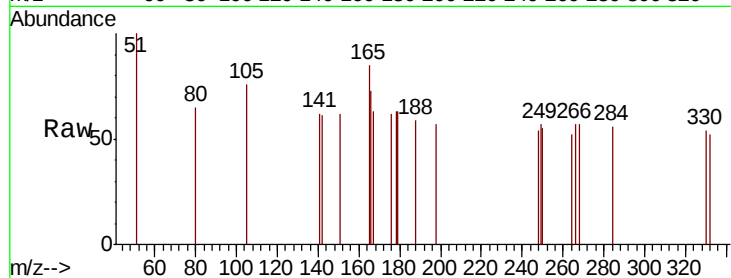




#18
 Fluorene
 Concen: 0.004 ng
 RT: 15.53 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BE099682.D
 Acq: 21 May 2019 4:19

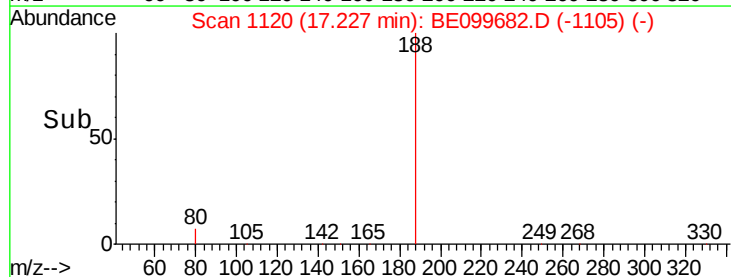
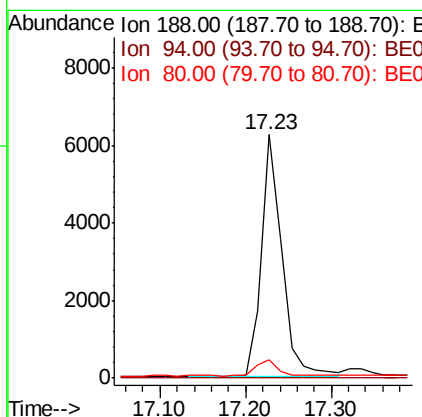
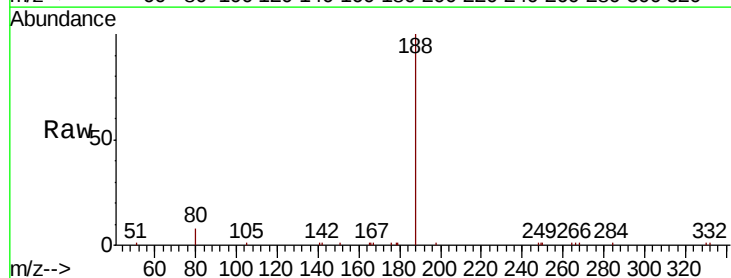
Instrument :
 BNA_E
 ClientSampleId :
 FESB-6(4.5-5)

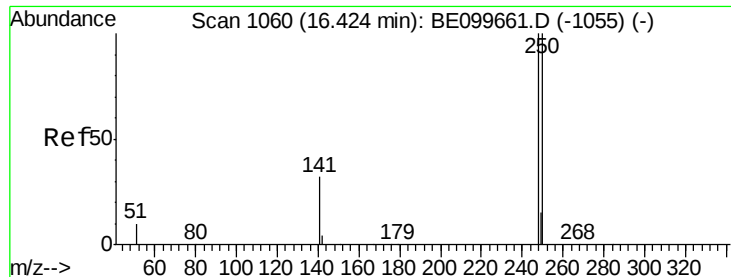
Tgt Ion:166 Resp: 60
 Ion Ratio Lower Upper
 166 100
 165 66.7 80.3 120.5#
 167 23.3 10.6 16.0#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BE099682.D
 Acq: 21 May 2019 4:19

Tgt Ion:188 Resp: 10330
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.8 6.7 10.1





#20

4-Bromophenyl-phenylether

Concen: 0.002 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

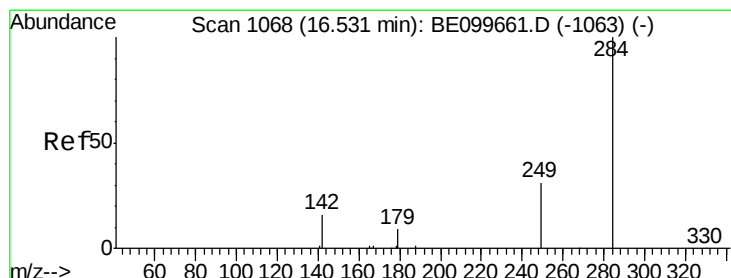
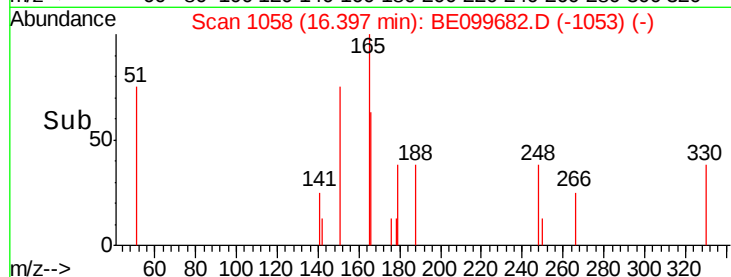
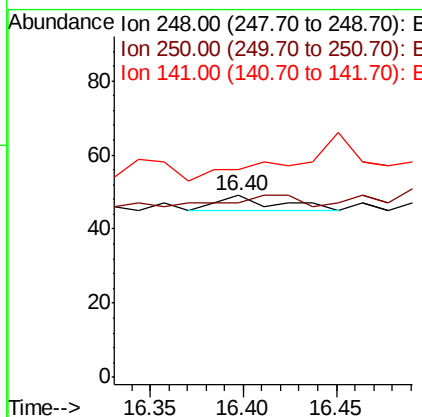
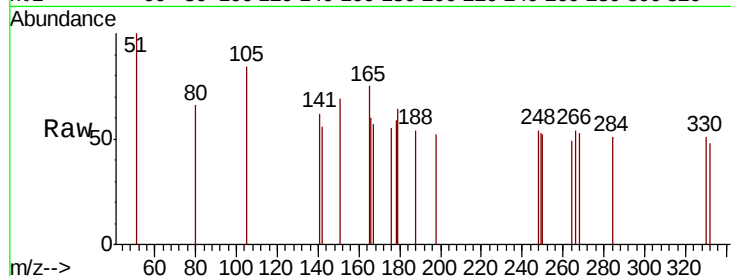
Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

Tgt Ion:	248	Resp:	9
Ion	Ratio	Lower	Upper
248	100		
250	95.9	79.8	119.8
141	114.3	27.0	40.6#



#21

Hexachlorobenzene

Concen: 0.001 ng

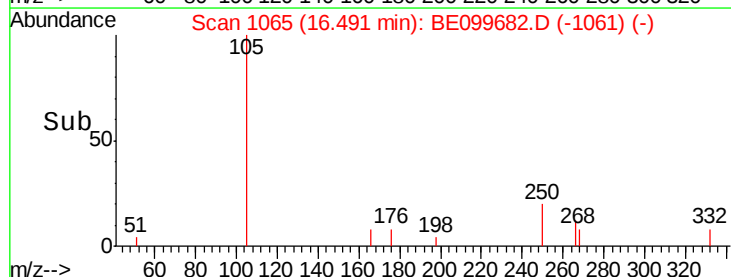
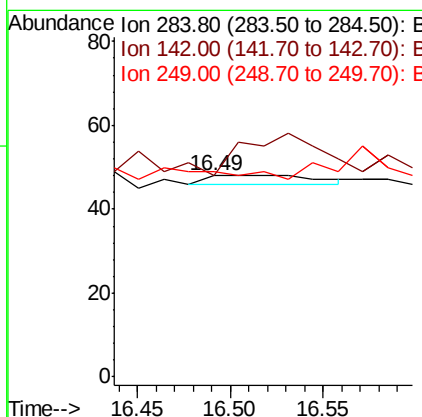
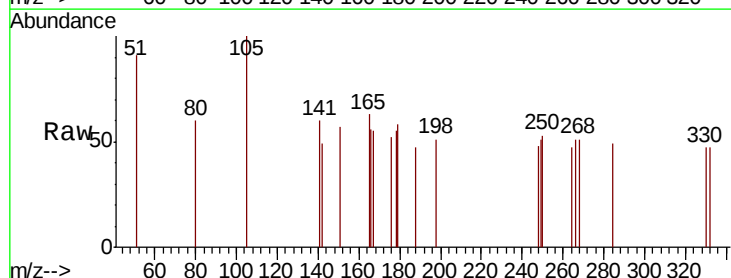
RT: 16.49 min Scan# 1065

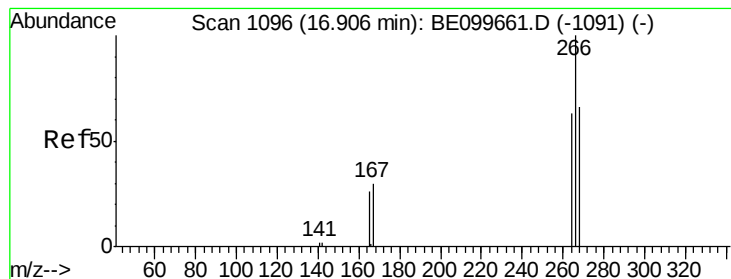
Delta R.T. -0.04 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

Tgt Ion:	284	Resp:	8
Ion	Ratio	Lower	Upper
284	100		
142	0.0	17.8	26.6#
249	0.0	24.8	37.2#





#22

Pentachlorophenol

Concen: 0.184 ng

RT: 16.96 min Scan# 1100

Delta R.T. 0.05 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

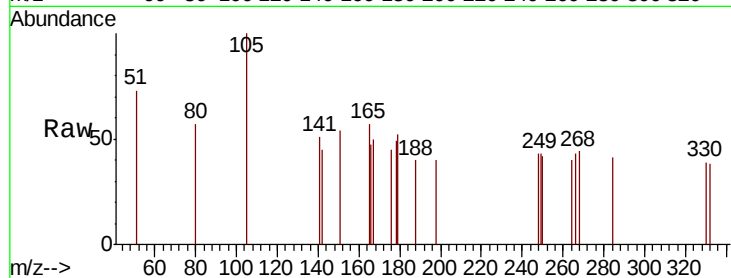
Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

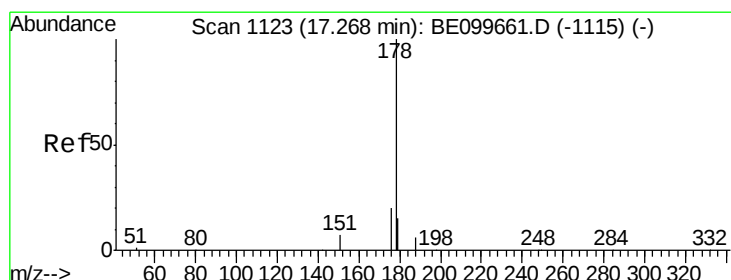
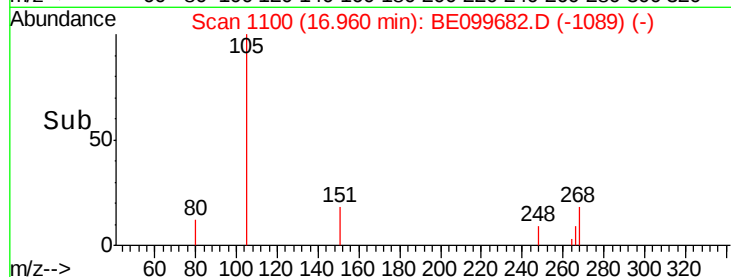
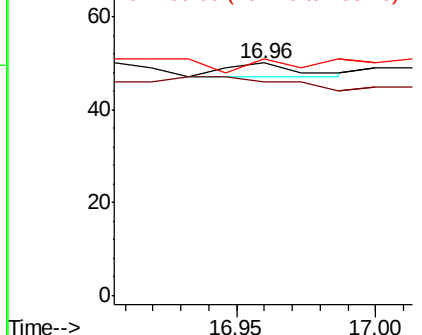
Tgt Ion:	266	Resp:	6
Ion	Ratio	Lower	Upper
266	100		
264	92.0	57.2	85.8#
268	102.0	60.5	90.7#



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: 0.015 ng

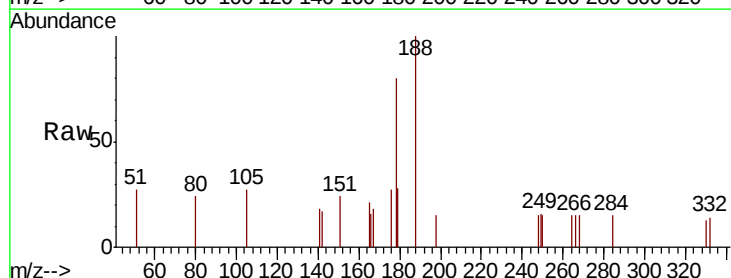
RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

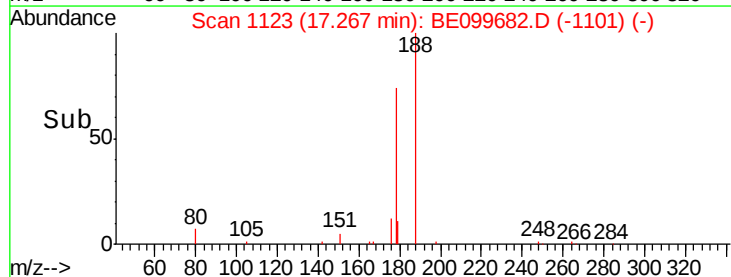
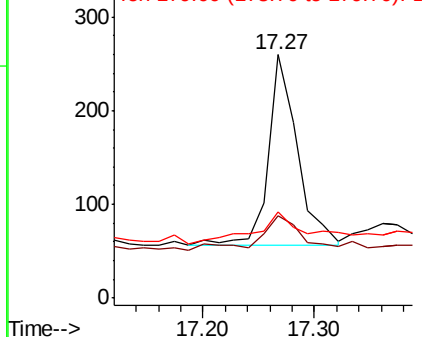
Tgt Ion:	178	Resp:	376
Ion	Ratio	Lower	Upper
178	100		
176	23.7	15.6	23.4#
179	30.1	12.2	18.4#

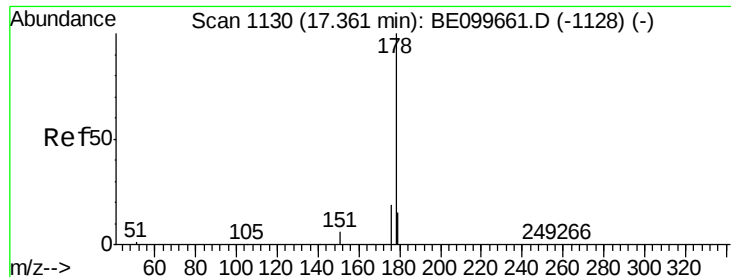


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.002 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

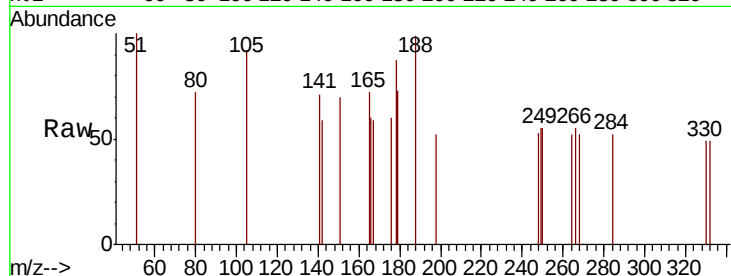
Tgt Ion:178 Resp: 51

Ion Ratio Lower Upper

178 100

176 21.6 14.7 22.1

179 23.5 12.0 18.0#



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

250

200

150

100

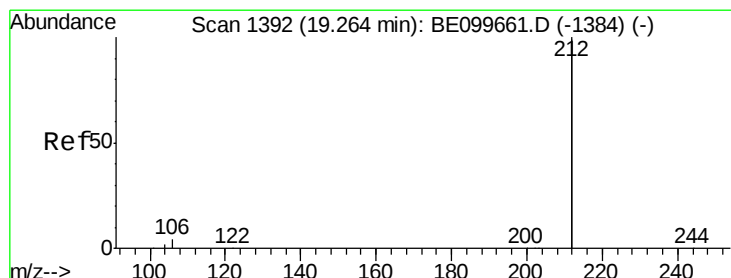
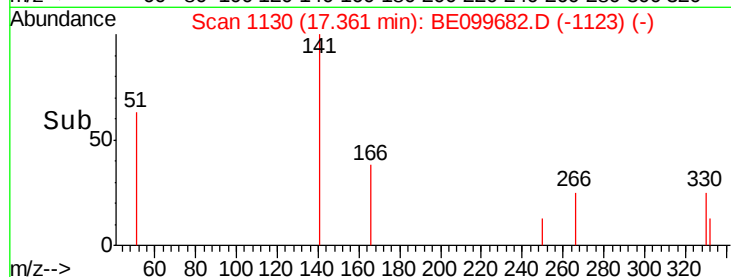
50

0

17.30 17.35 17.40

17.36

Time-->



#25

Fluoranthene-d10

Concen: 0.281 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

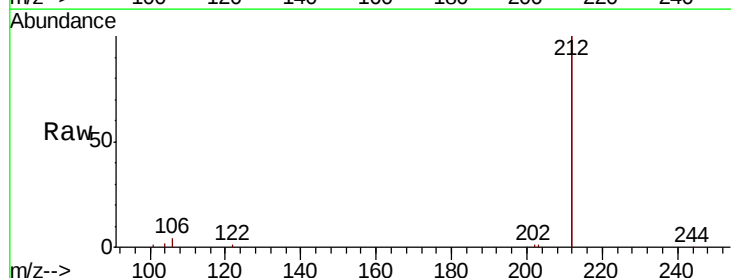
Tgt Ion:212 Resp: 39629

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

104 1.1 0.8 1.2



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

30000

20000

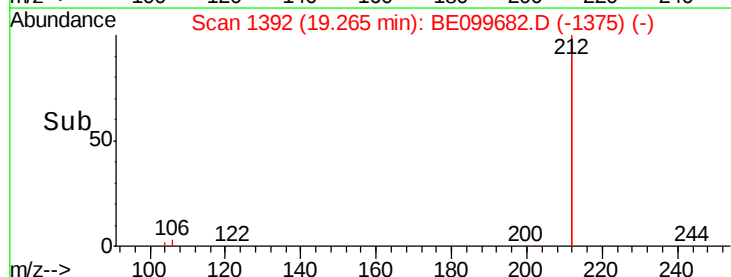
10000

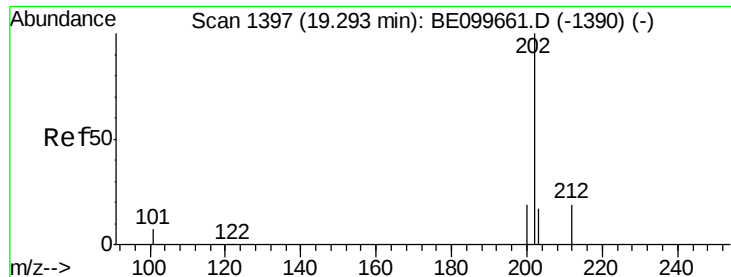
0

19.20 19.40

19.26

Time-->

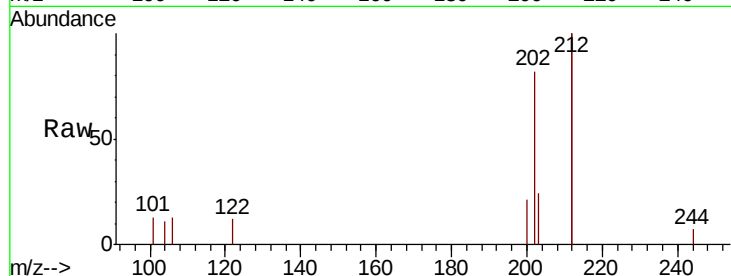




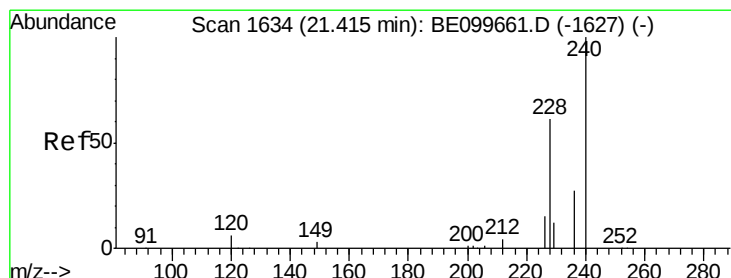
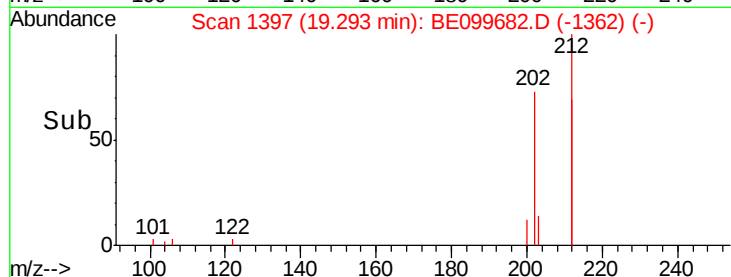
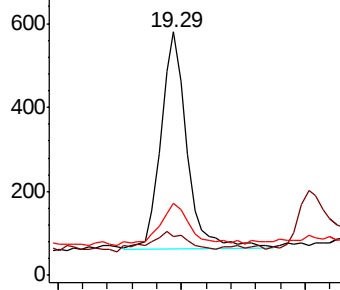
#26
 Fluoranthene
 Concen: 0.019 ng
 RT: 19.29 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BE099682.D
 Acq: 21 May 2019 4:19

Instrument :
 BNA_E
 ClientSampleId :
 FESB-6(4.5-5)

Tgt Ion: 202 Resp: 758
 Ion Ratio Lower Upper
 202 100
 101 13.9 5.2 7.8#
 203 22.7 13.8 20.6#

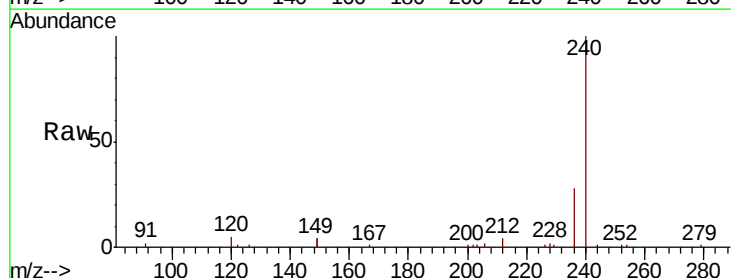


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

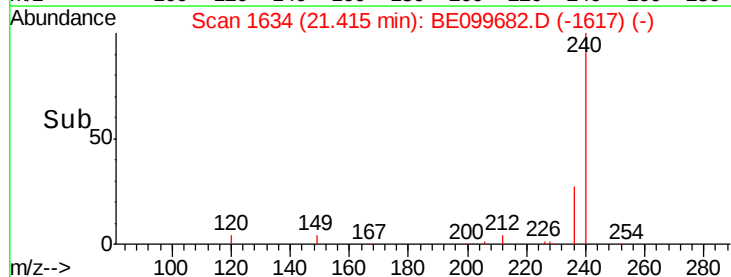
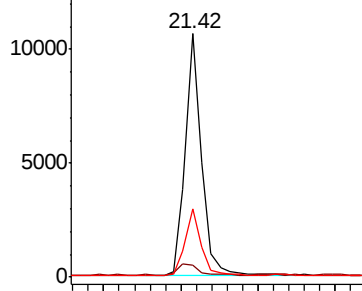


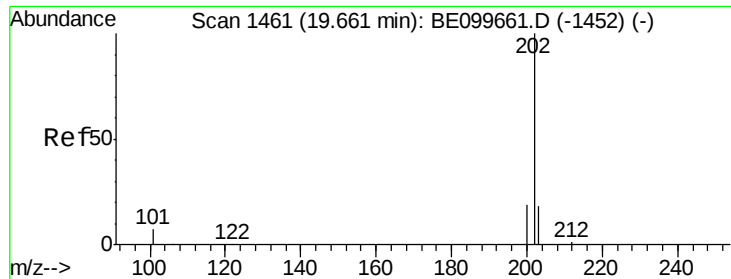
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE099682.D
 Acq: 21 May 2019 4:19

Tgt Ion: 240 Resp: 15610
 Ion Ratio Lower Upper
 240 100
 120 4.8 5.4 8.0#
 236 27.9 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

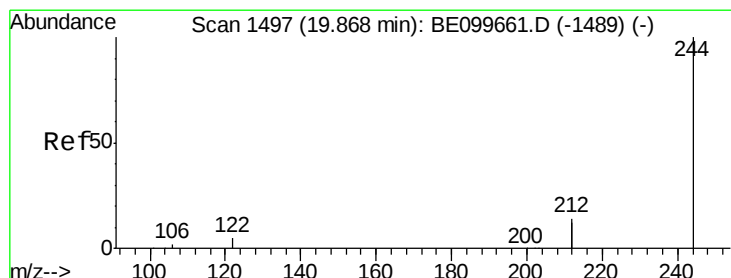
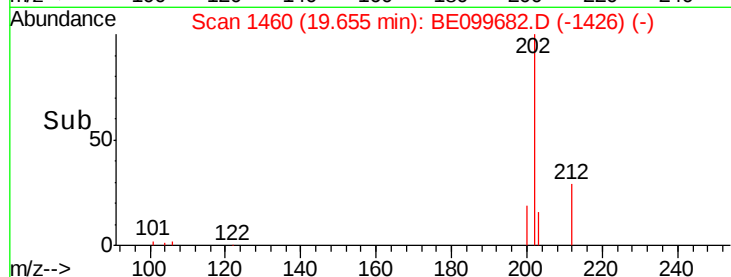
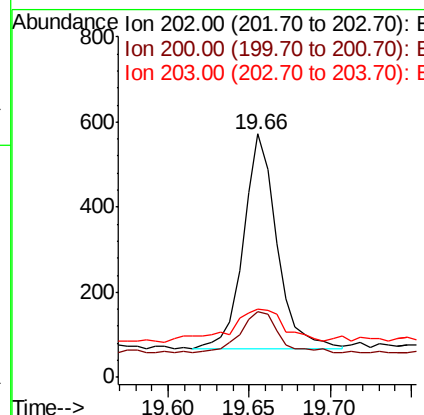
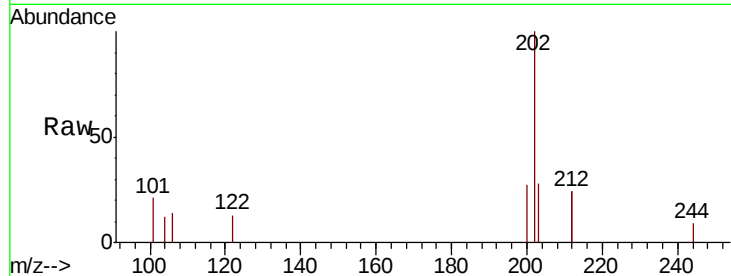




#28
 Pyrene
 Concen: 0.018 ng
 RT: 19.66 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BE099682.D
 Acq: 21 May 2019 4:19

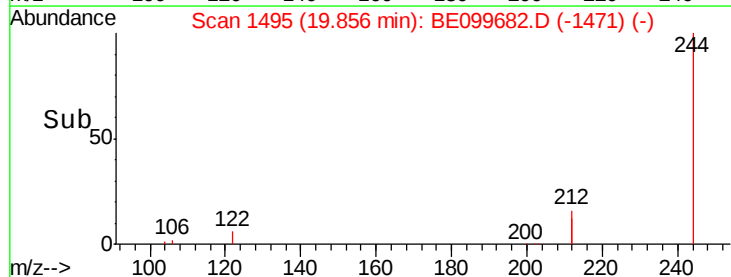
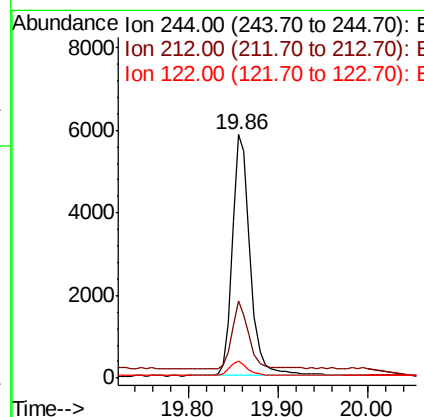
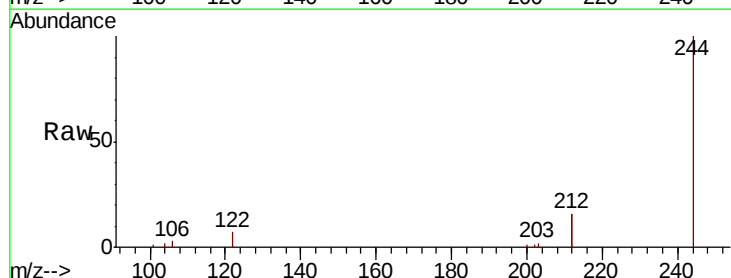
Instrument :
 BNA_E
 ClientSampleId :
 FESB-6(4.5-5)

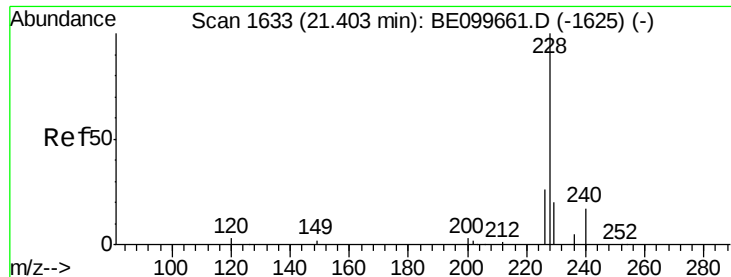
Tgt Ion: 202 Resp: 721
 Ion Ratio Lower Upper
 202 100
 200 24.8 15.4 23.2#
 203 25.4 13.8 20.8#



#29
 Terphenyl-d14
 Concen: 0.287 ng
 RT: 19.86 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BE099682.D
 Acq: 21 May 2019 4:19

Tgt Ion: 244 Resp: 8007
 Ion Ratio Lower Upper
 244 100
 212 31.7 22.5 33.7
 122 7.2 4.3 6.5#





#30

Benzo(a)anthracene

Concen: 0.012 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

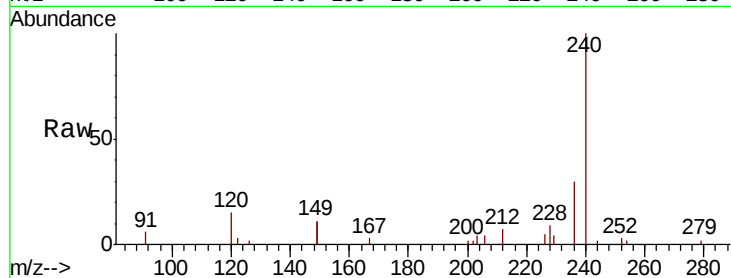
Tgt Ion:228 Resp: 515

Ion Ratio Lower Upper

228 100

226 53.6 21.3 31.9#

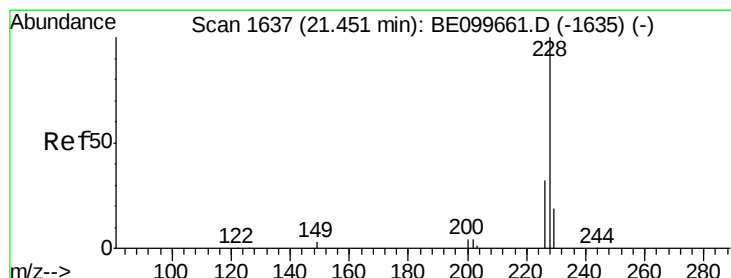
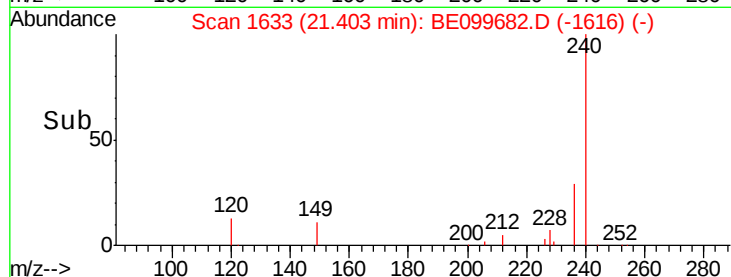
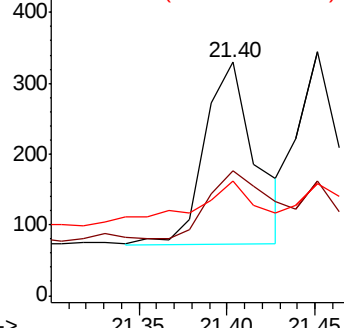
229 48.8 16.1 24.1#



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



#31

Chrysene

Concen: 0.009 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

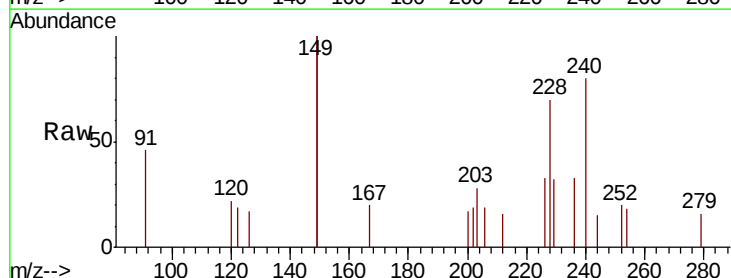
Tgt Ion:228 Resp: 425

Ion Ratio Lower Upper

228 100

226 46.8 24.7 37.1#

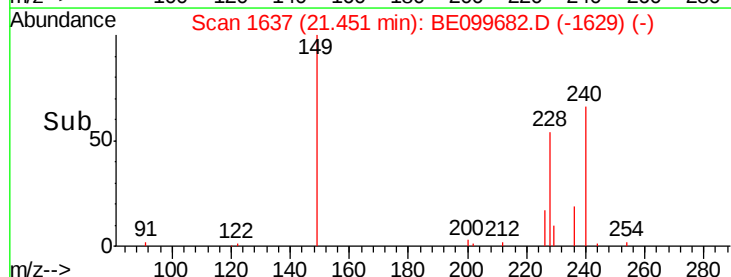
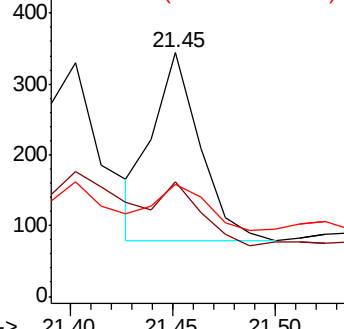
229 45.9 15.8 23.6#

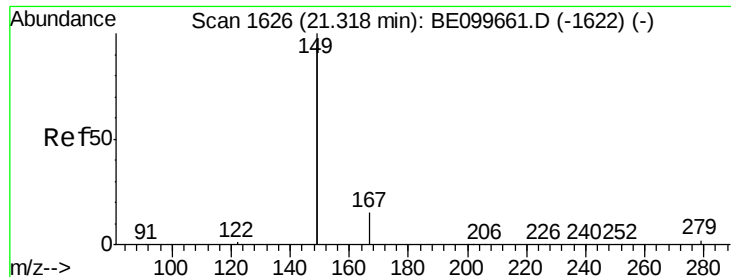


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.754 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

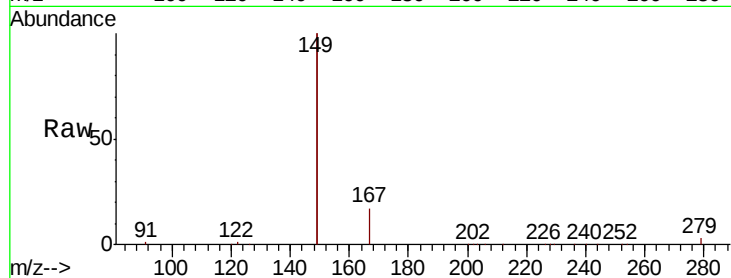
Tgt Ion:149 Resp: 89688

Ion Ratio Lower Upper

149 100

167 7.6 6.2 9.4

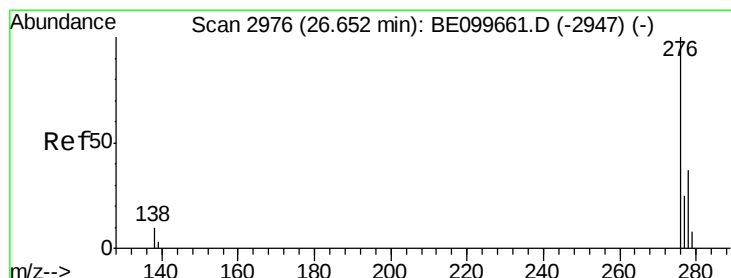
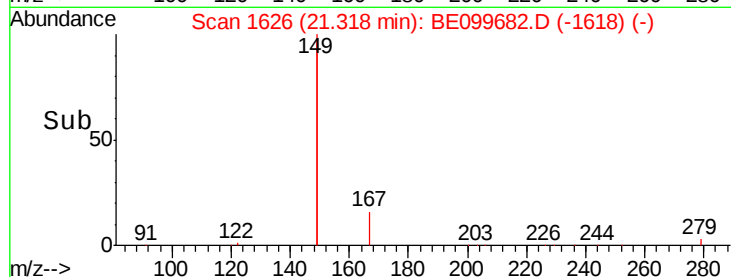
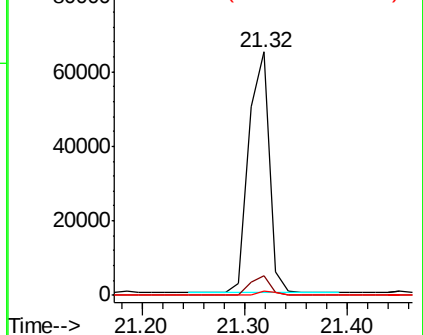
279 1.5 1.2 1.8



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: 0.007 ng

RT: 26.65 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

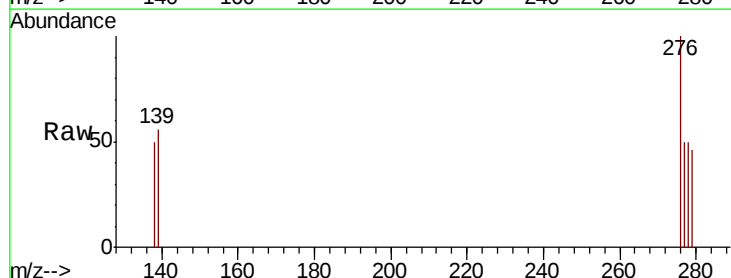
Tgt Ion:276 Resp: 426

Ion Ratio Lower Upper

276 100

138 6.3 9.6 14.4#

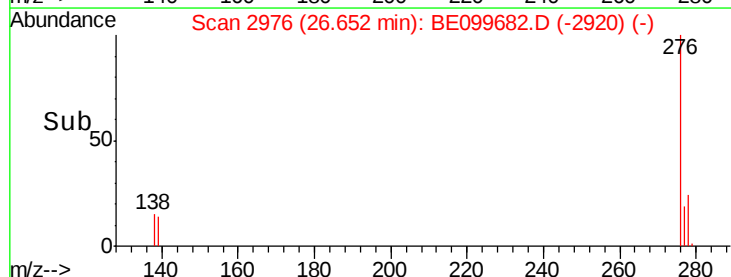
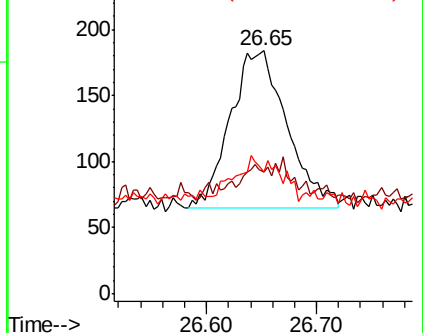
277 10.6 19.2 28.8#

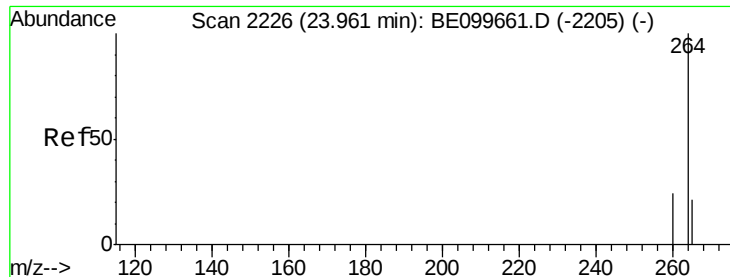


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

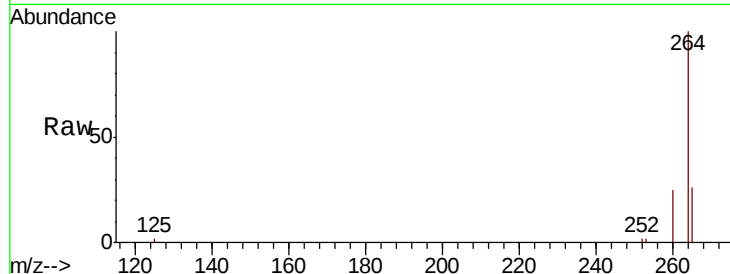




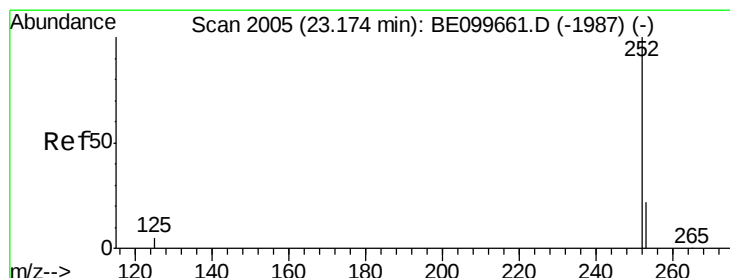
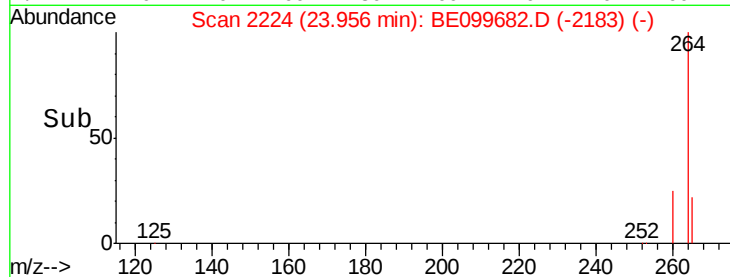
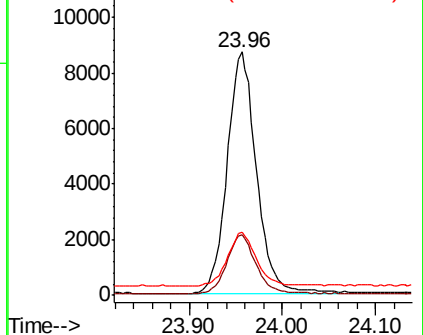
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BE099682.D
Acq: 21 May 2019 4:19

Instrument :
BNA_E
ClientSampleId :
FESB-6(4.5-5)

Tgt Ion: 264 Resp: 19042
Ion Ratio Lower Upper
264 100
260 25.1 19.6 29.4
265 26.1 19.1 28.7

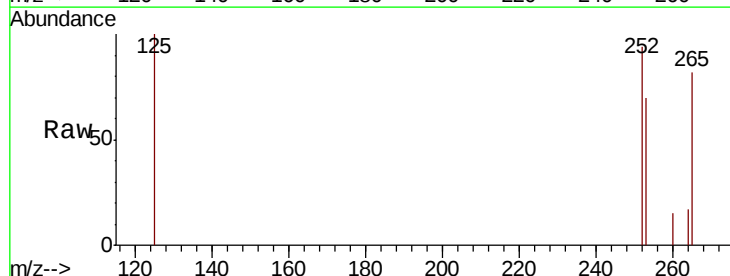


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

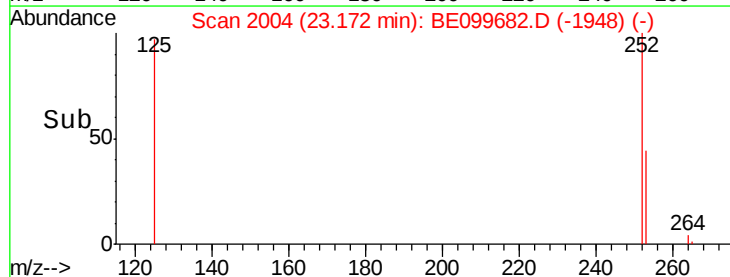
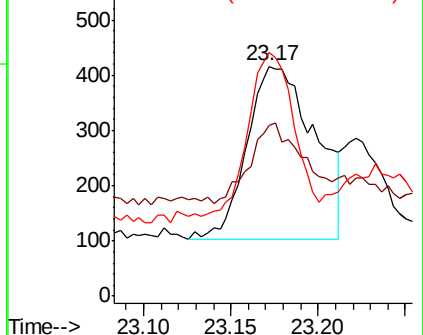


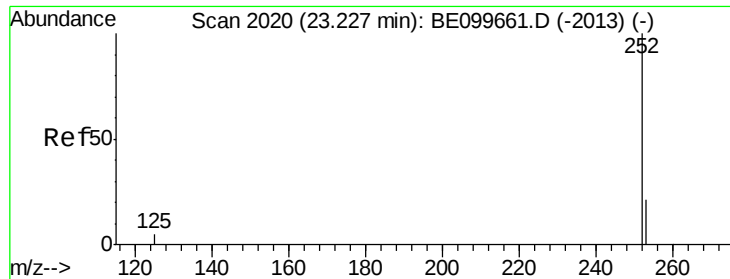
#35
Benzo(b)fluoranthene
Concen: 0.016 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE099682.D
Acq: 21 May 2019 4:19

Tgt Ion: 252 Resp: 852
Ion Ratio Lower Upper
252 100
253 74.0 18.2 27.4#
125 106.0 4.5 6.7#



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

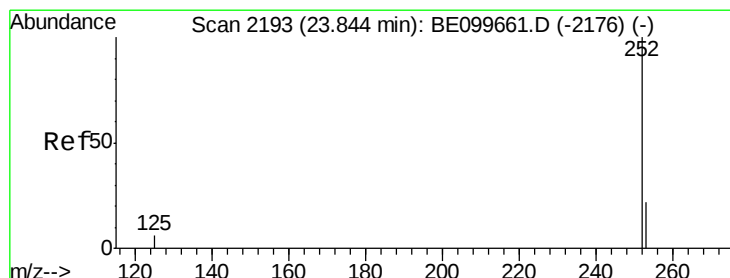
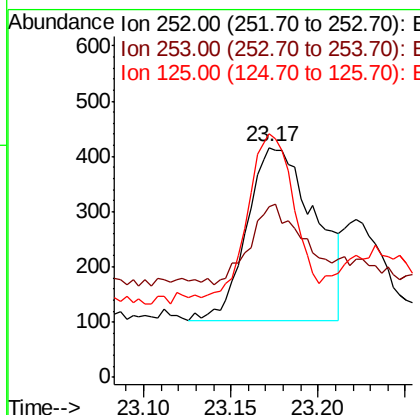
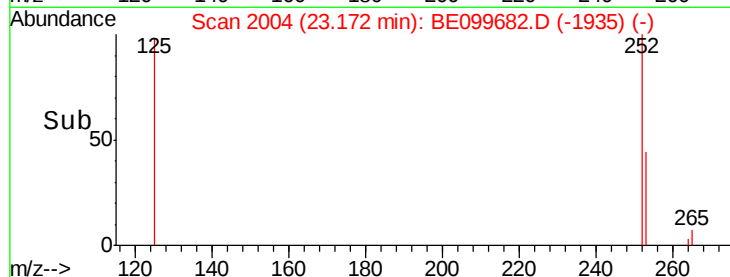
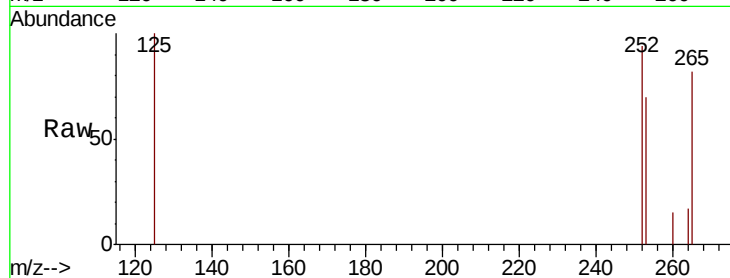




#36
Benzo(k)fluoranthene
Concen: 0.016 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.05 min
Lab File: BE099682.D
Acq: 21 May 2019 4:19

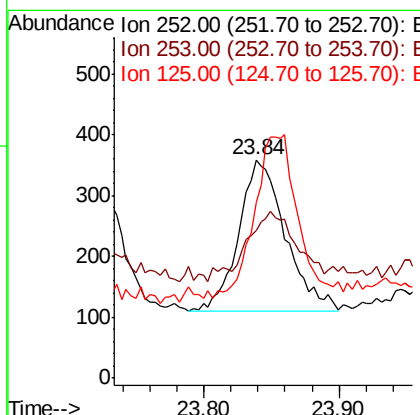
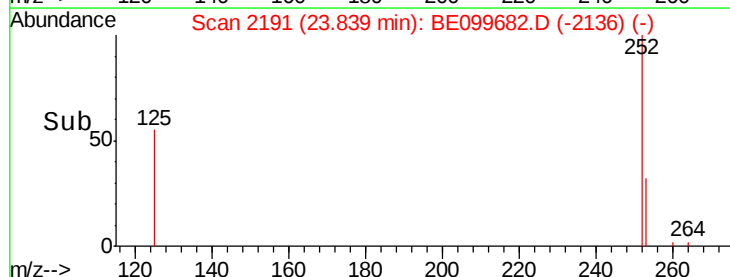
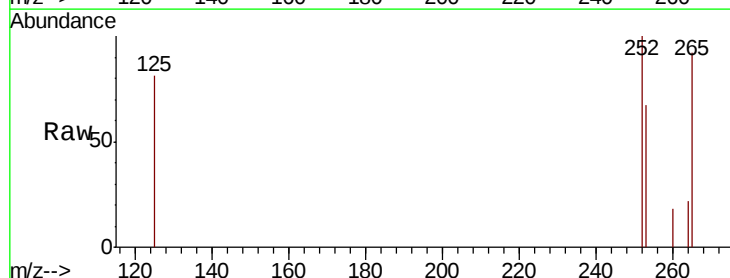
Instrument :
BNA_E
ClientSampleId :
FESB-6(4.5-5)

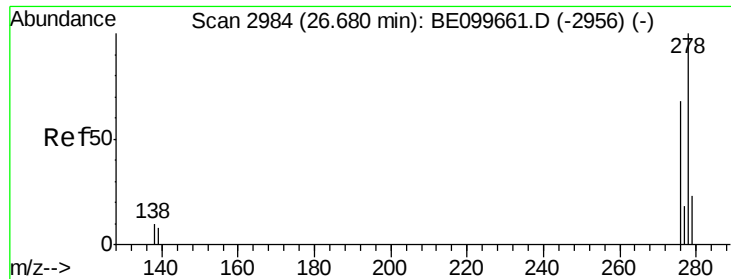
Tgt Ion: 252 Resp: 852
Ion Ratio Lower Upper
252 100
253 74.0 17.8 26.8#
125 106.0 4.6 6.8#



#37
Benzo(a)pyrene
Concen: 0.012 ng
RT: 23.84 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BE099682.D
Acq: 21 May 2019 4:19

Tgt Ion: 252 Resp: 595
Ion Ratio Lower Upper
252 100
253 67.4 18.9 28.3#
125 80.5 5.4 8.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.65 min Scan# 2976

Delta R.T. -0.03 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

Instrument :

BNA_E

ClientSampleId :

FESB-6(4.5-5)

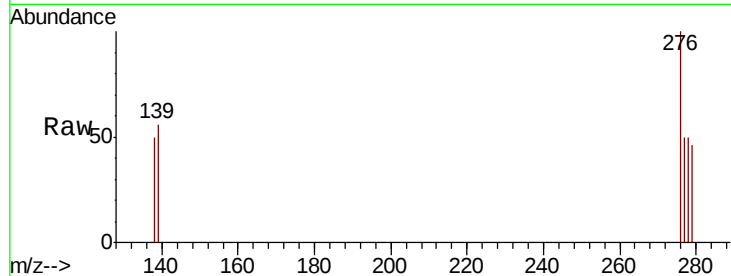
Tgt Ion: 278 Resp: 17

Ion Ratio Lower Upper

278 100

139 112.0 6.9 10.3#

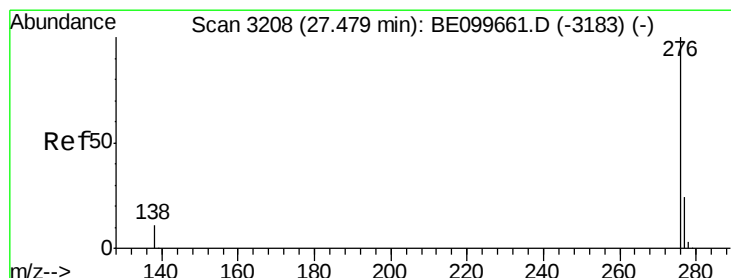
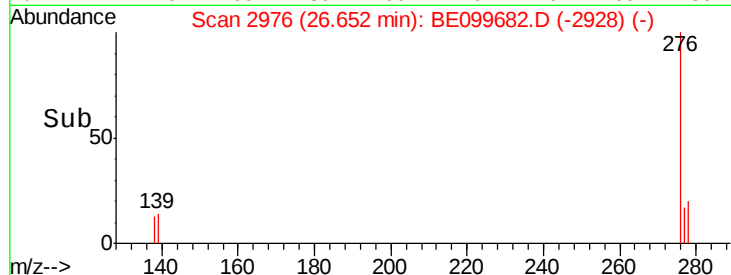
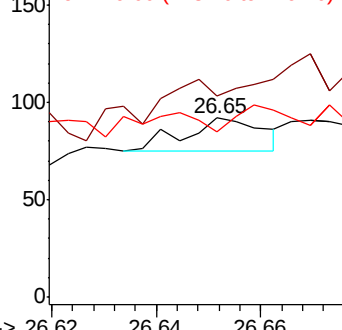
279 92.4 19.2 28.8#



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: 0.004 ng

RT: 27.47 min Scan# 3205

Delta R.T. -0.01 min

Lab File: BE099682.D

Acq: 21 May 2019 4:19

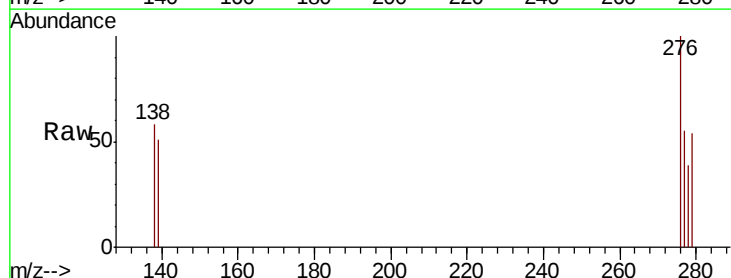
Tgt Ion: 276 Resp: 191

Ion Ratio Lower Upper

276 100

277 55.2 19.8 29.6#

138 58.2 9.2 13.8#



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

