

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE040219\
 Data File : BE099275.D
 Acq On : 2 Apr 2019 15:08
 Operator : JU/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Apr 02 15:48:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 14:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3158	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	12149	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	8667	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	25444	0.40	ng	0.00
27) Chrysene-d12	21.37	240	38018	0.40	ng	0.00
34) Perylene-d12	23.86	264	37017	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	27942	2.96	ng	0.00
5) Phenol-d6	6.97	99	39172	2.72	ng	0.00
8) Nitrobenzene-d5	8.96	82	29482	2.97	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	71642	3.06	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	14990	4.90	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	109543	3.10	ng	0.00
25) Fluoranthene-d10	19.22	212	1116223	3.62	ng	0.00
29) Terphenyl-d14	19.82	244	232172	2.81	ng	0.00

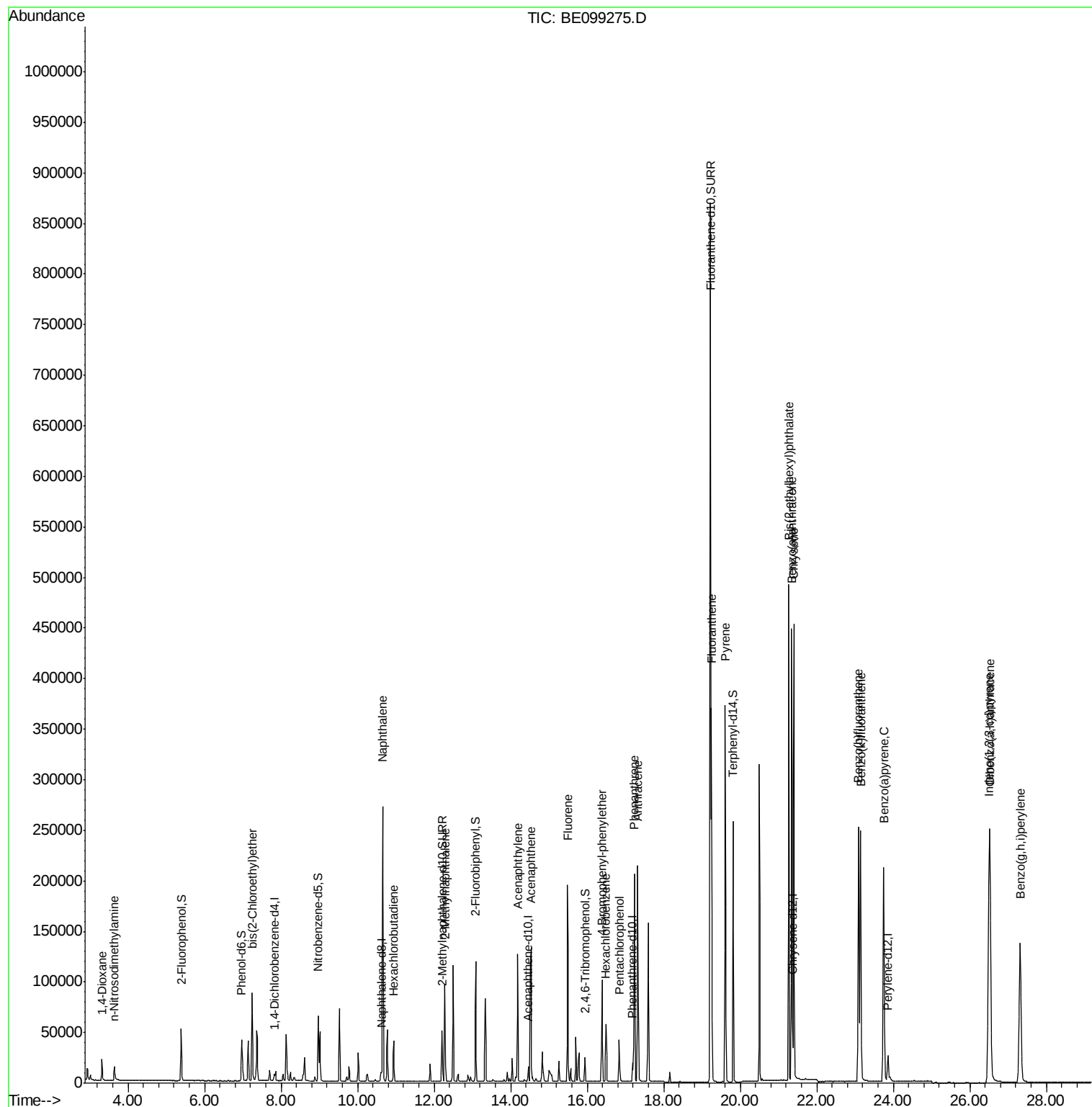
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	14271	3.427	ng	91
3) n-Nitrosodimethylamine	3.64	42	8895	3.817	ng	# 90
6) bis(2-Chloroethyl)ether	7.24	93	34850	3.076	ng	99
9) Naphthalene	10.65	128	433362	3.025	ng	100
10) Hexachlorobutadiene	10.94	225	27922	3.657	ng	100
12) 2-Methylnaphthalene	12.28	142	75941	2.965	ng	98
16) Acenaphthylene	14.18	152	139764	3.163	ng	98
17) Acenaphthene	14.53	154	80351	3.041	ng	99
18) Fluorene	15.49	166	116139	3.125	ng	98
20) 4-Bromophenyl-phenylether	16.38	248	48425	2.950	ng	98
21) Hexachlorobenzene	16.49	284	45692	2.881	ng	99
22) Pentachlorophenol	16.84	266	21257	10.167	ng	94
23) Phenanthrene	17.23	178	214335	2.869	ng	99
24) Anthracene	17.32	178	209250	3.099	ng	100
26) Fluoranthene	19.25	202	326218	3.421	ng	100
28) Pyrene	19.61	202	335662	2.658	ng	100
30) Benzo(a)anthracene	21.34	228	394601	3.145	ng	100
31) Chrysene	21.40	228	377951	2.819	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	497565	3.325	ng	99
33) Indeno(1,2,3-cd)pyrene	26.50	276	422786	3.332	ng	99
35) Benzo(b)fluoranthene	23.09	252	365562	3.001	ng	# 96
36) Benzo(k)fluoranthene	23.14	252	365317	2.837	ng	99
37) Benzo(a)pyrene	23.74	252	340985	2.997	ng	# 95
38) Dibenzo(a,h)anthracene	26.53	278	349210	3.455	ng	# 97
39) Benzo(g,h,i)perylene	27.31	276	345244	3.406	ng	99

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

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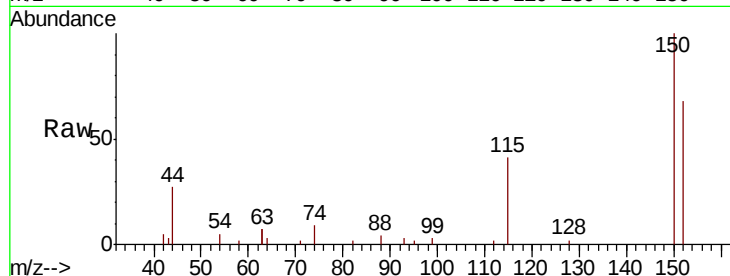


#1

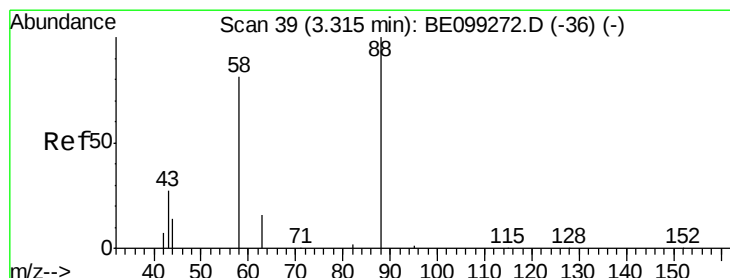
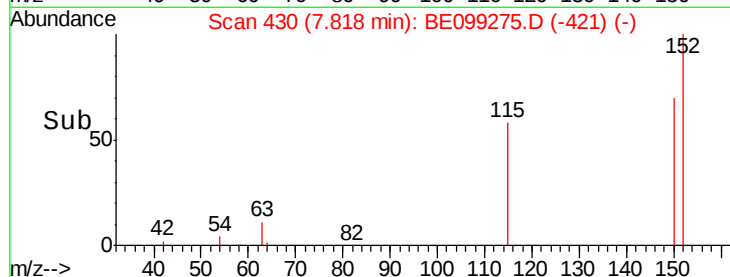
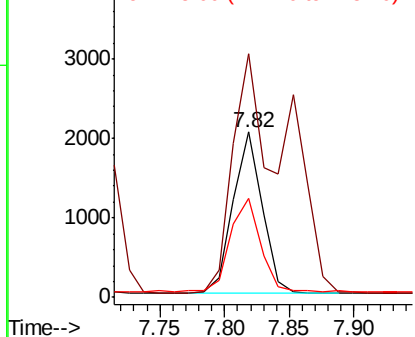
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:152 Resp: 3158
Ion Ratio Lower Upper
152 100
150 147.6 118.6 178.0
115 59.8 47.6 71.4



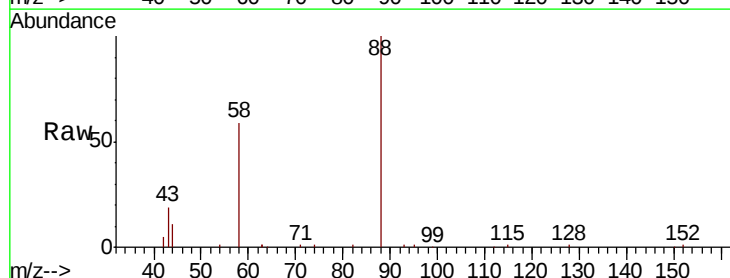
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



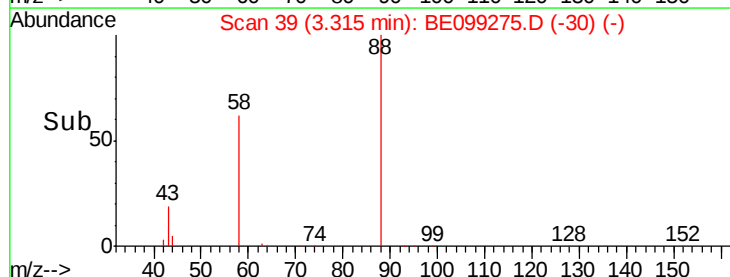
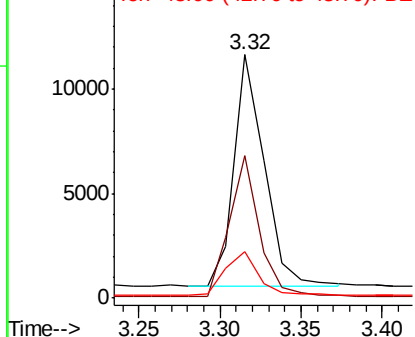
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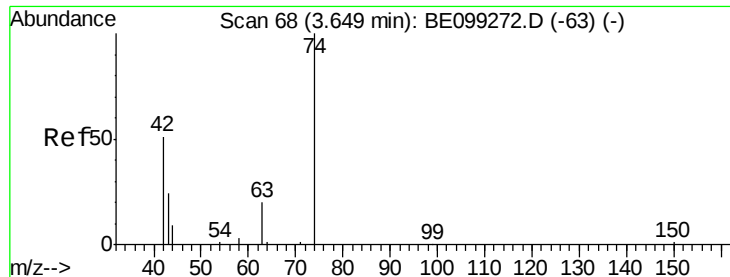
1,4-Dioxane
Concen: 3.427 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion: 88 Resp: 14271
Ion Ratio Lower Upper
88 100
58 61.4 43.0 64.4
43 20.7 14.8 22.2



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: 3.817 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.01 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

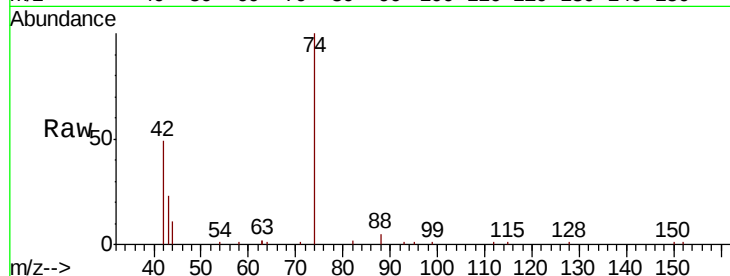
Tot Ion: 42 Resp: 8895

Ion Ratio Lower Upper

42 100

74 181.5 133.8 200.8

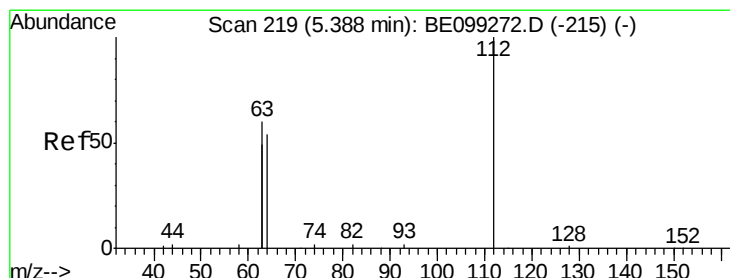
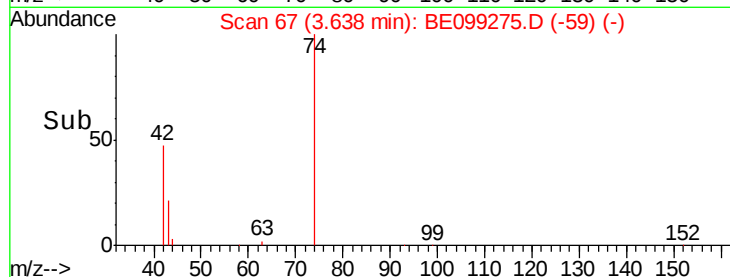
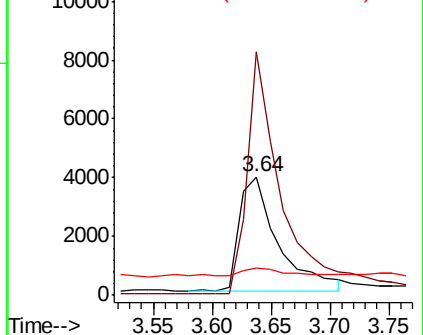
44 8.4 0.0 0.0#



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: 2.964 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

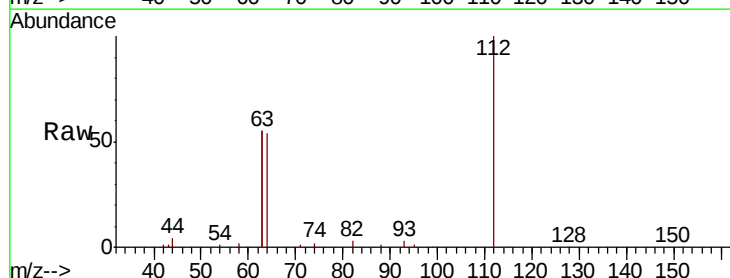
Tgt Ion: 112 Resp: 27942

Ion Ratio Lower Upper

112 100

64 55.7 45.1 67.7

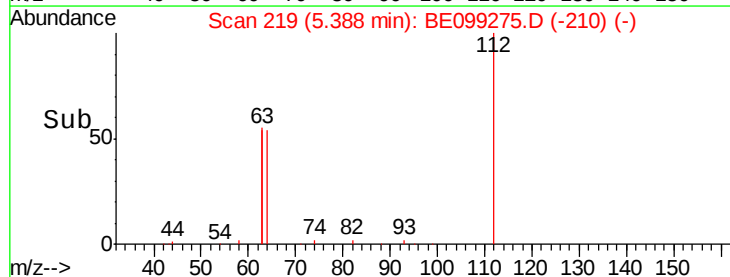
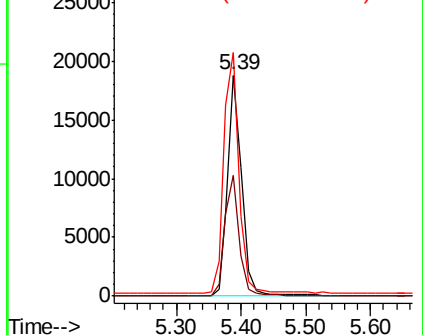
63 118.9 94.4 141.6

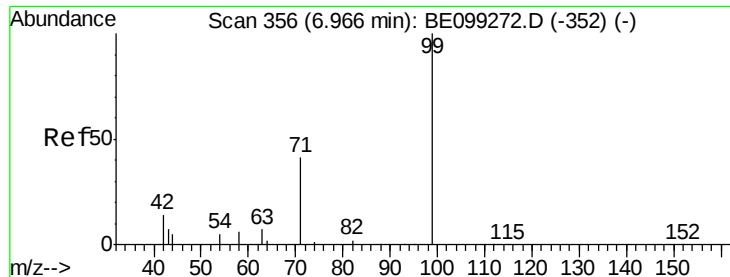


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.719 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

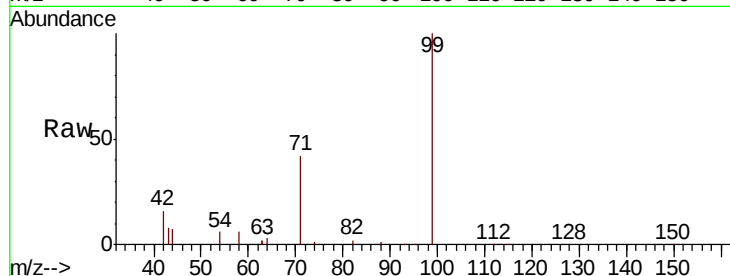
Tot Ion: 99 Resp: 39172

Ion Ratio Lower Upper

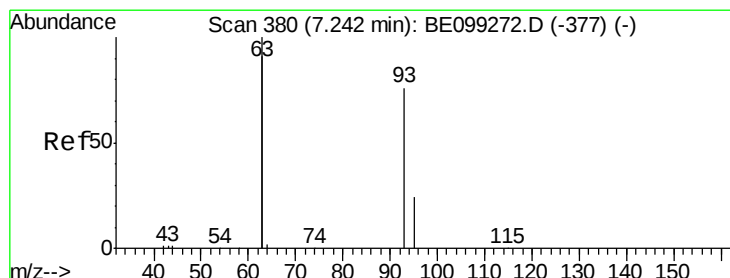
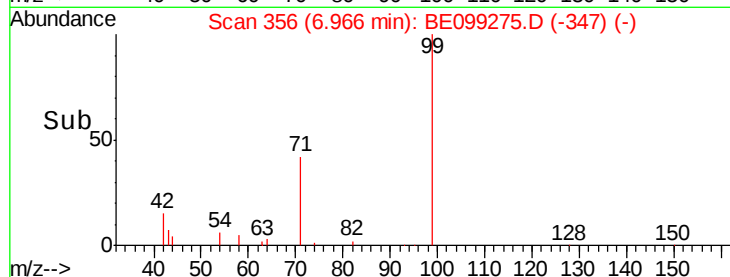
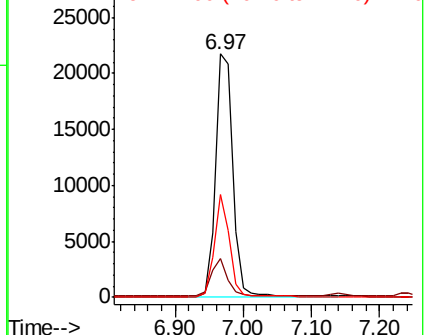
99 100

42 14.2 12.2 18.4

71 36.7 30.1 45.1



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: 3.076 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

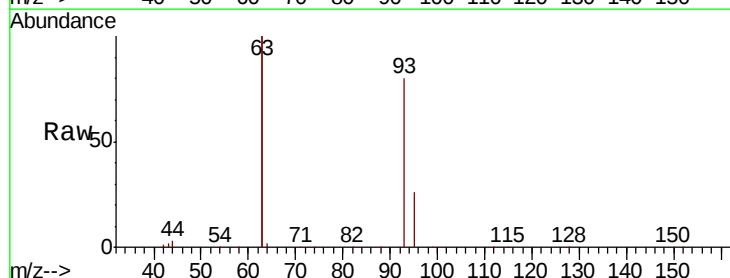
Tgt Ion: 93 Resp: 34850

Ion Ratio Lower Upper

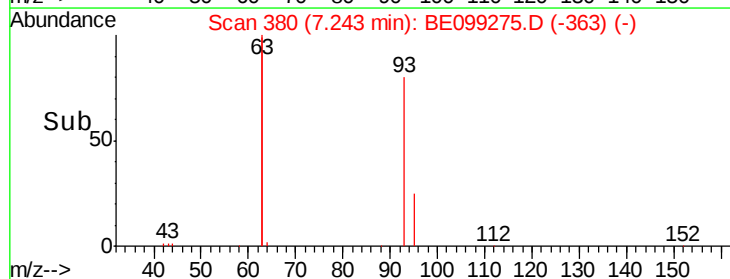
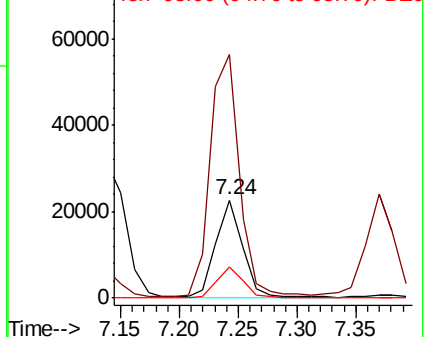
93 100

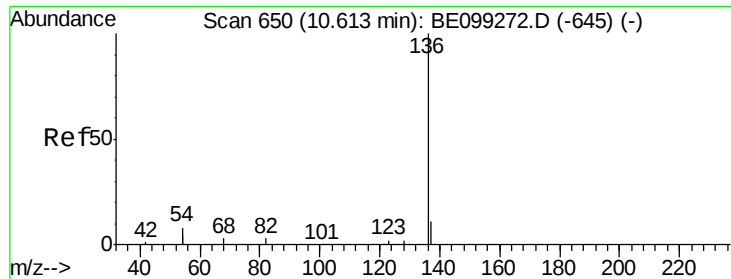
63 275.7 219.4 329.2

95 32.3 28.2 42.2



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: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 12149

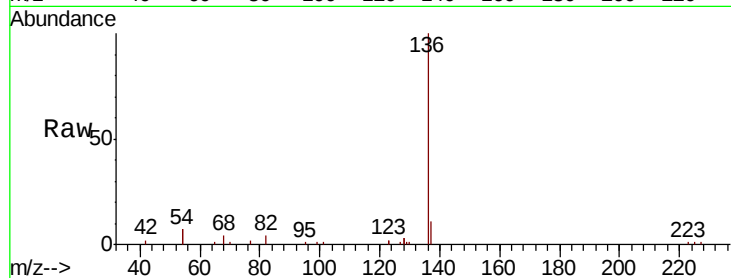
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 15.0 12.9 19.3

68 4.1 3.6 5.4

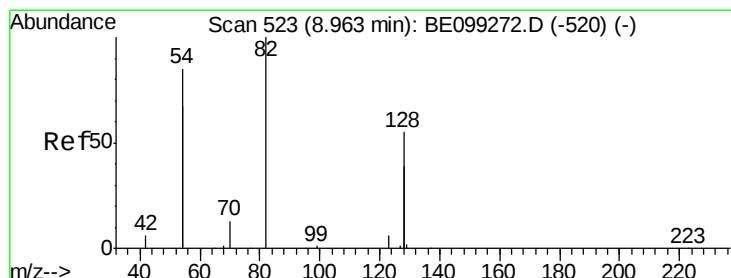
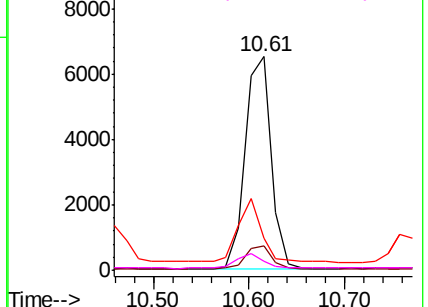
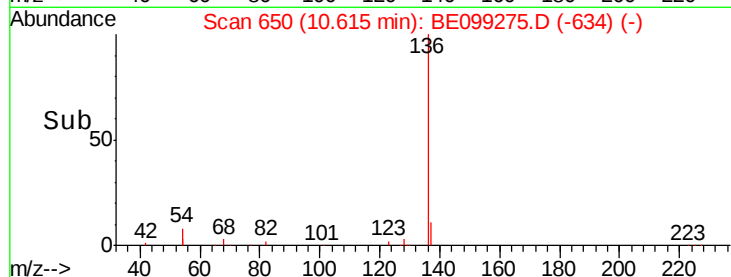


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.971 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

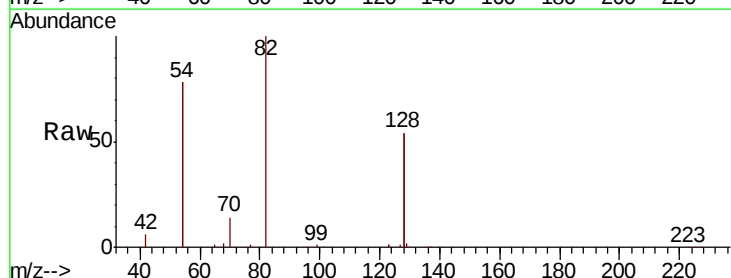
Tgt Ion: 82 Resp: 29482

Ion Ratio Lower Upper

82 100

128 107.4 83.2 124.8

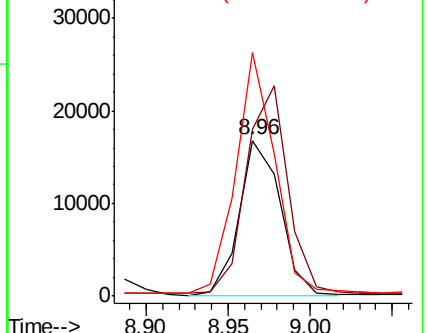
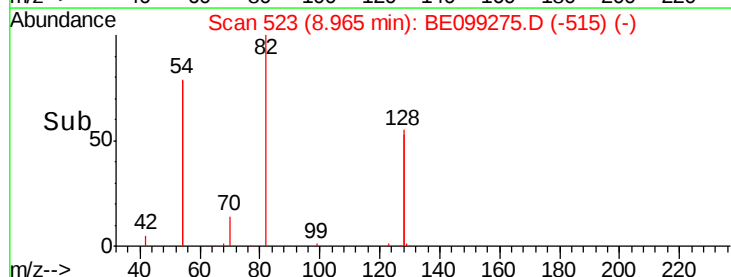
54 156.2 129.3 193.9

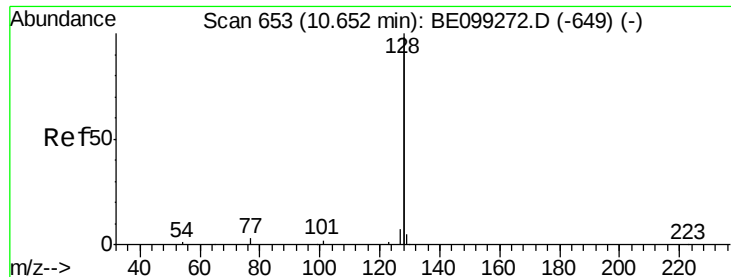


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.025 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

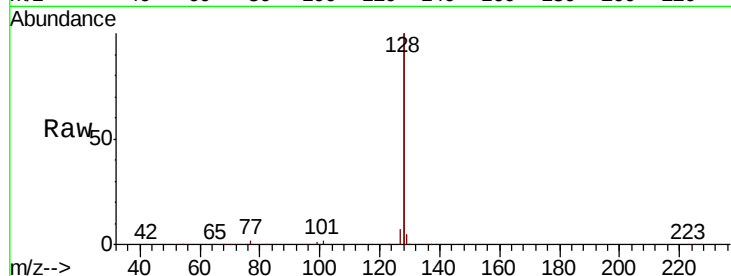
Tot Ion:128 Resp: 433362

Ion Ratio Lower Upper

128 100

129 2.7 2.2 3.4

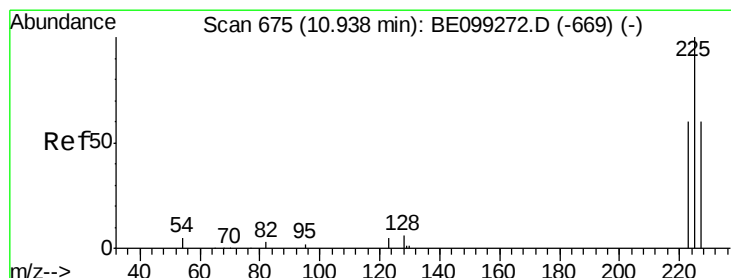
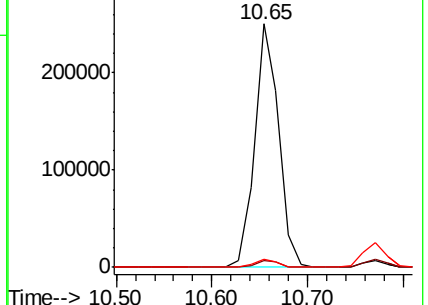
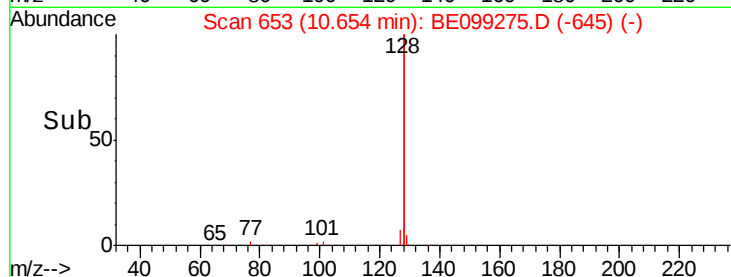
127 3.4 2.7 4.1



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: 3.657 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

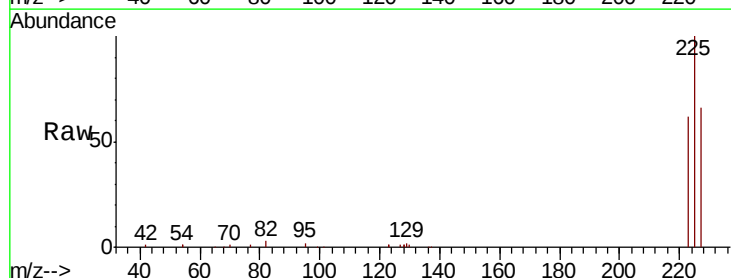
Tgt Ion:225 Resp: 27922

Ion Ratio Lower Upper

225 100

223 63.1 50.1 75.1

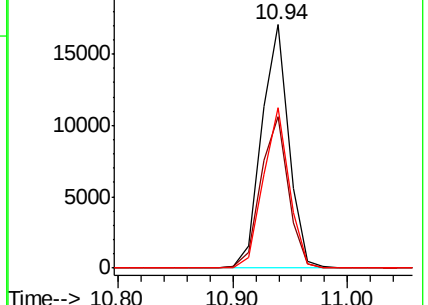
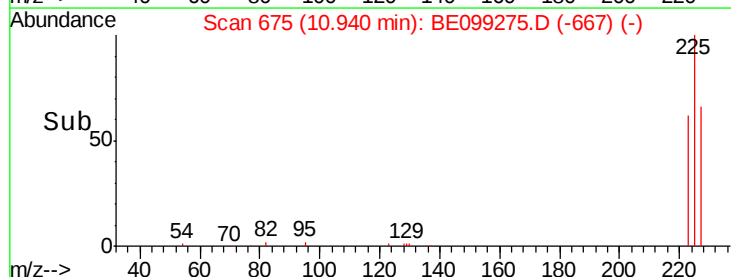
227 63.3 50.6 75.8

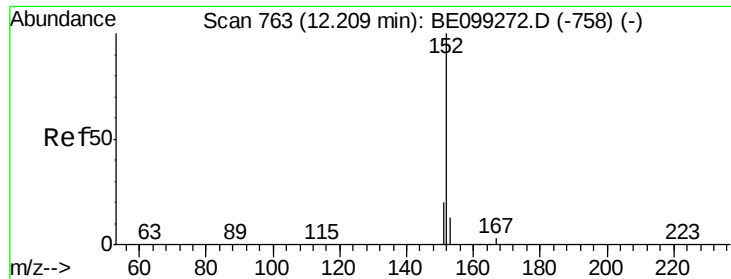


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

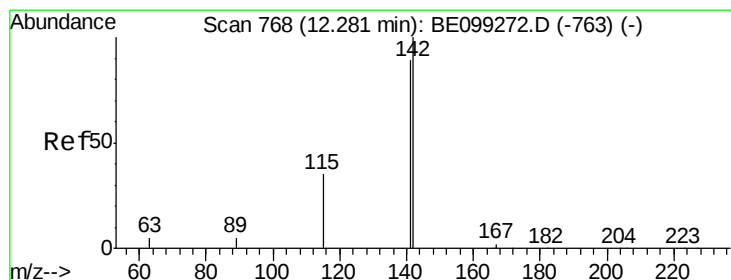
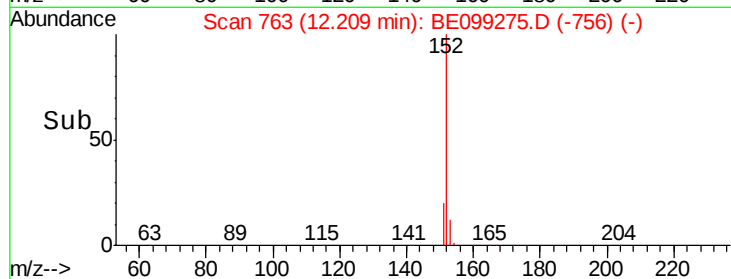
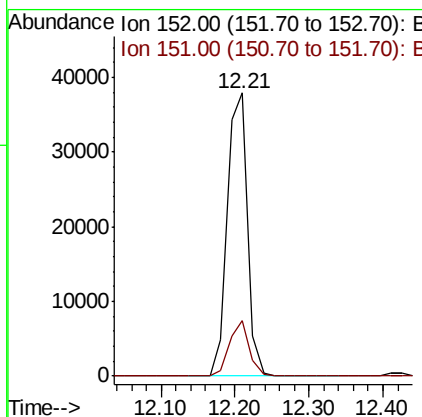
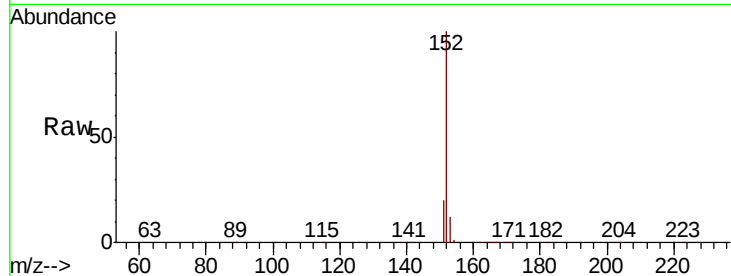




#11
 2-Methylnaphthalene-d10
 Concen: 3.060 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE099275.D
 Acq: 2 Apr 2019 15:08

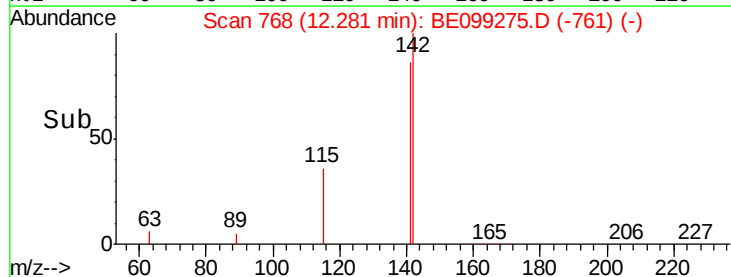
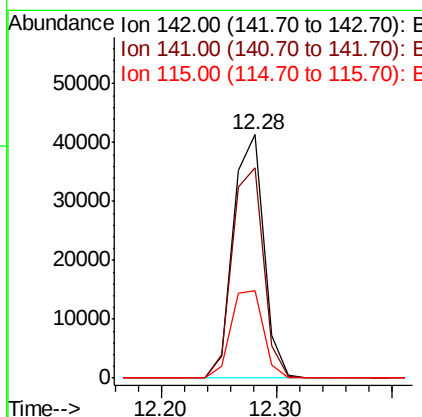
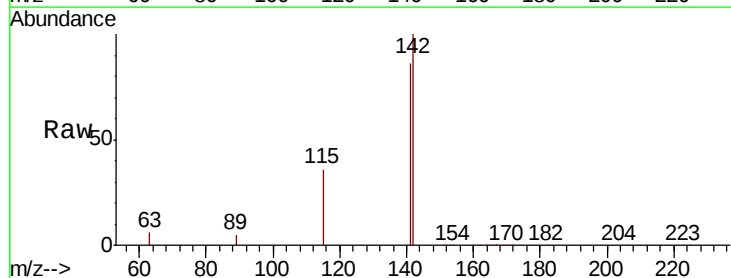
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

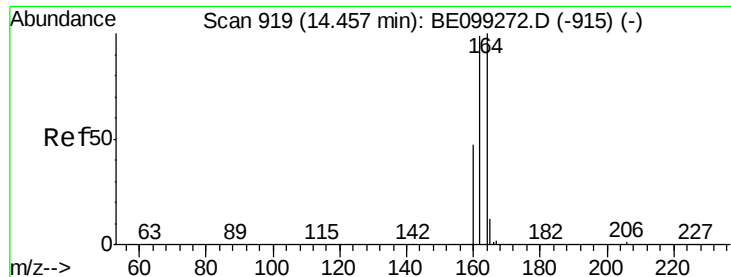
Tot Ion:152 Resp: 71642
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 2.965 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE099275.D
 Acq: 2 Apr 2019 15:08

Tgt Ion:142 Resp: 75941
 Ion Ratio Lower Upper
 142 100
 141 86.3 71.1 106.7
 115 35.9 29.0 43.6

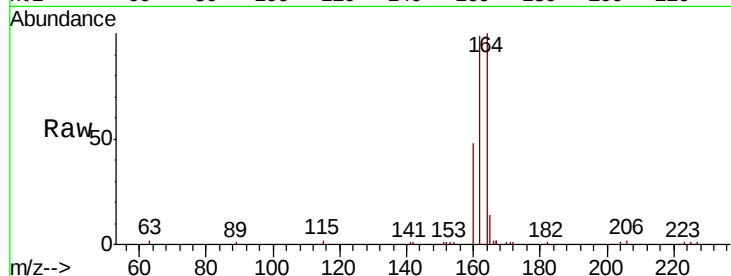




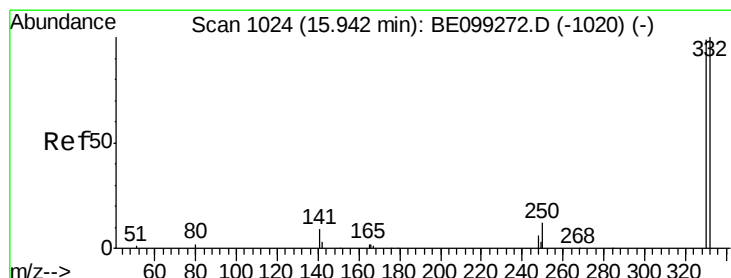
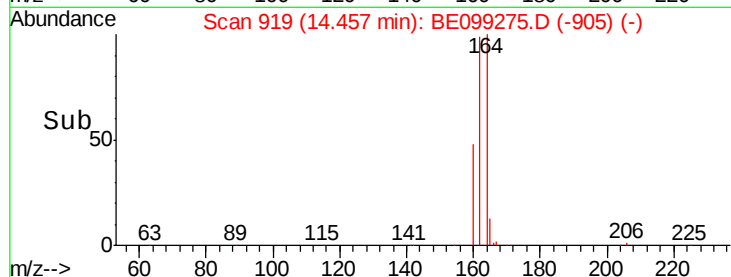
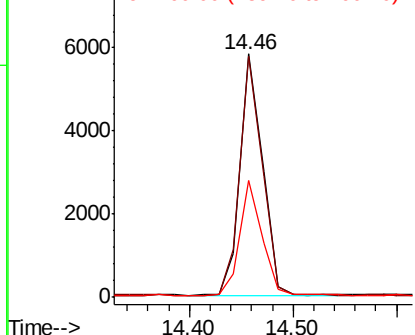
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:164 Resp: 8667
Ion Ratio Lower Upper
164 100
162 98.8 78.8 118.2
160 48.0 37.6 56.4

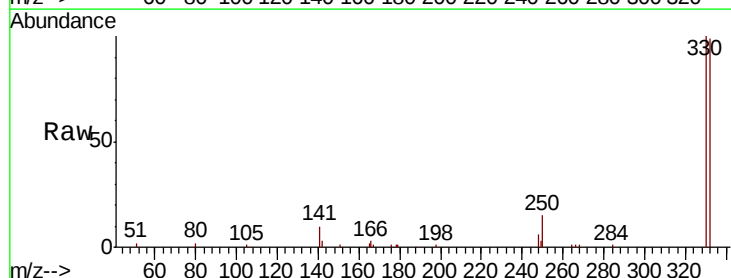


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

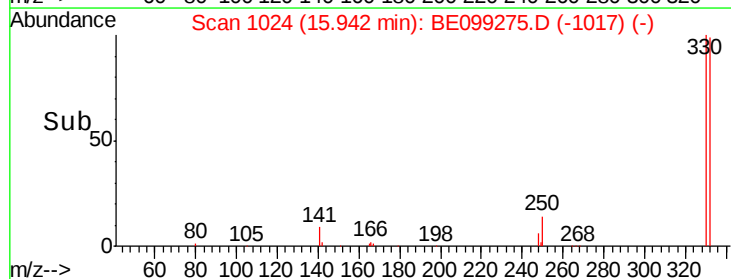
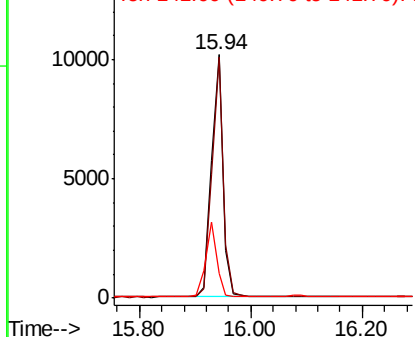


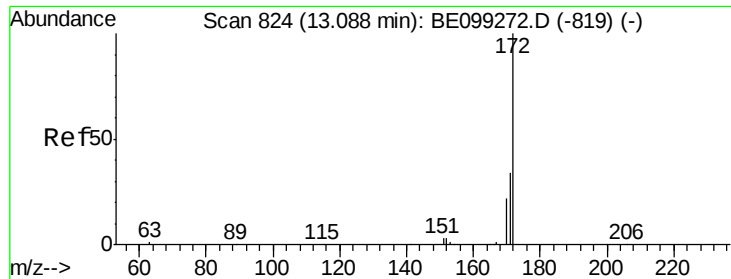
#14
2,4,6-Tribromophenol
Concen: 4.897 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:330 Resp: 14990
Ion Ratio Lower Upper
330 100
332 97.2 82.6 123.8
141 29.0 27.6 41.4



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

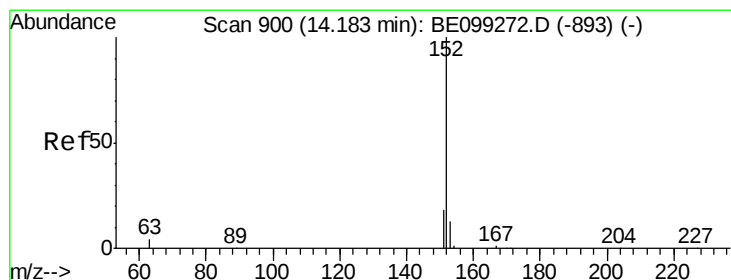
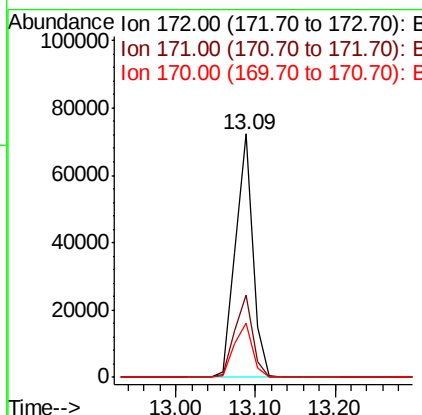
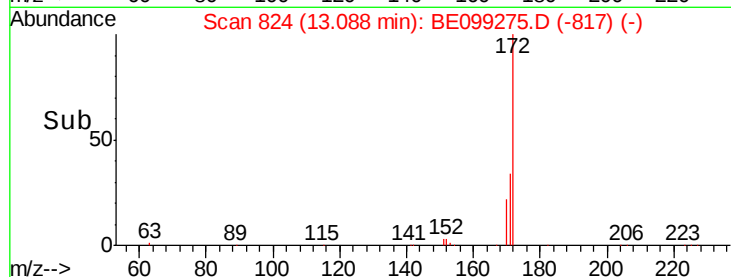
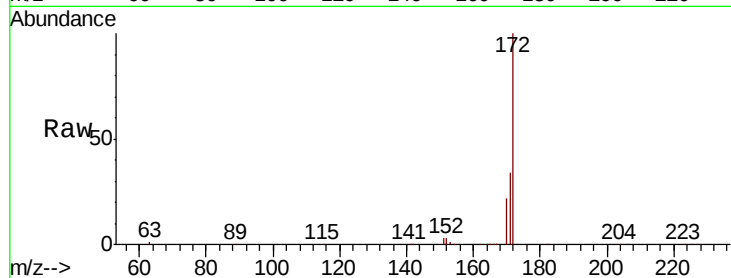




#15
2-Fluorobiphenyl
Concen: 3.100 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

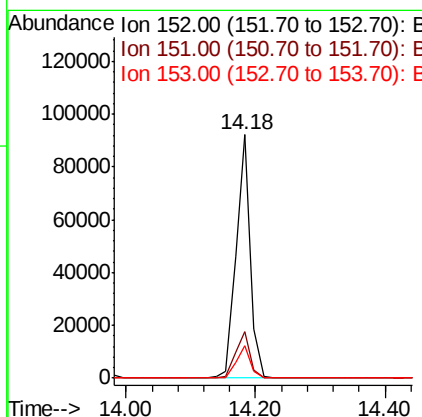
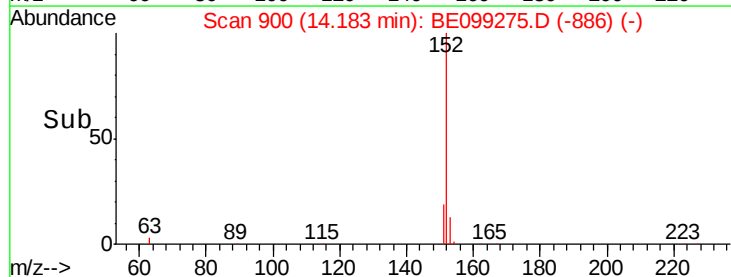
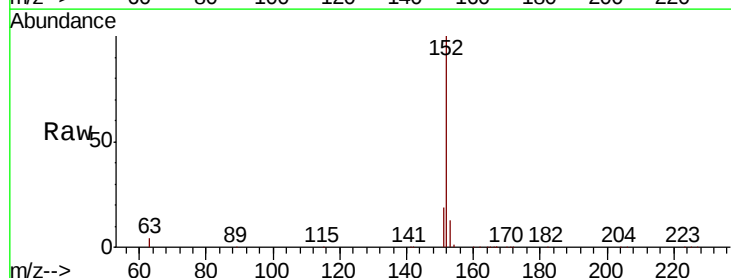
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

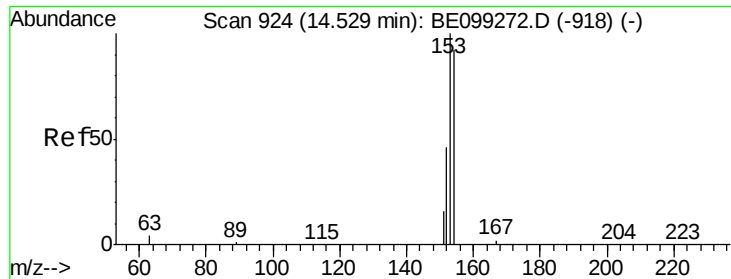
Tot Ion:172 Resp: 109543
Ion Ratio Lower Upper
172 100
171 33.8 27.5 41.3
170 22.4 18.2 27.2



#16
Acenaphthylene
Concen: 3.163 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:152 Resp: 139764
Ion Ratio Lower Upper
152 100
151 19.5 14.9 22.3
153 13.0 10.0 15.0





#17

Acenaphthene

Concen: 3.041 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

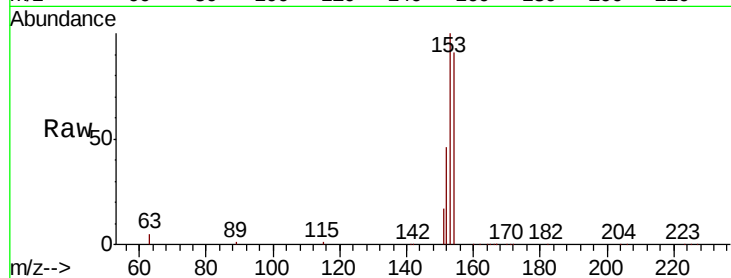
Tot Ion:154 Resp: 80351

Ion Ratio Lower Upper

154 100

153 113.9 92.8 139.2

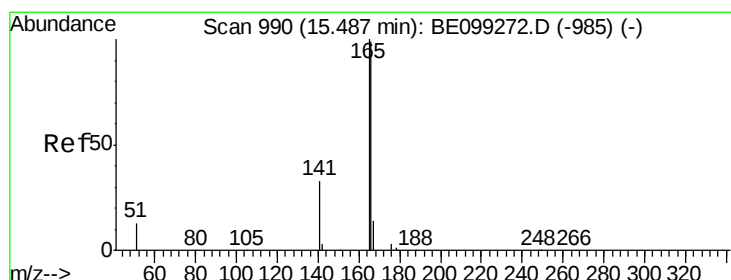
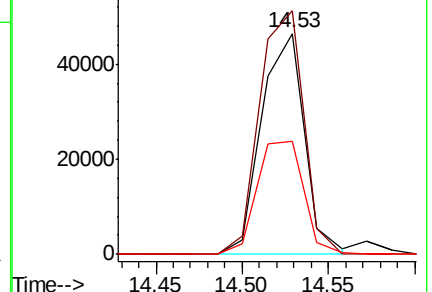
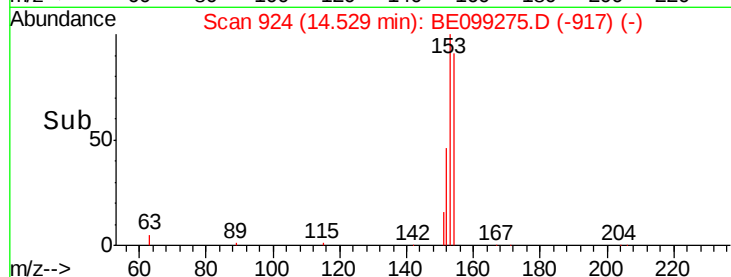
152 55.5 44.3 66.5



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: 3.125 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

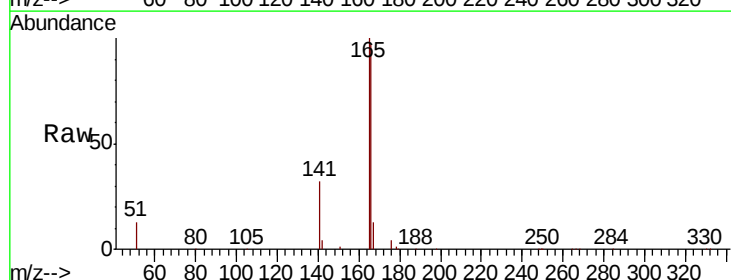
Tgt Ion:166 Resp: 116139

Ion Ratio Lower Upper

166 100

165 99.3 77.9 116.9

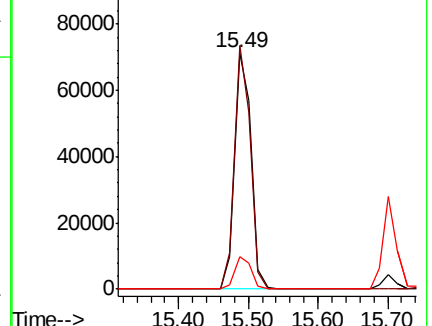
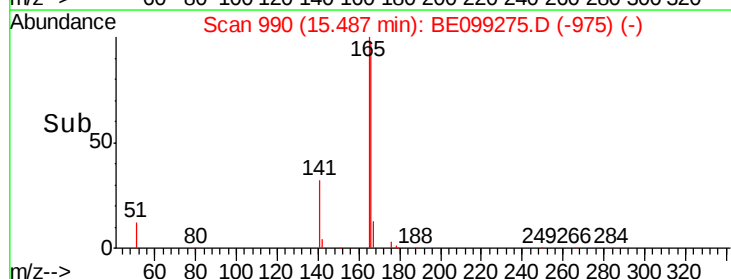
167 13.5 10.9 16.3

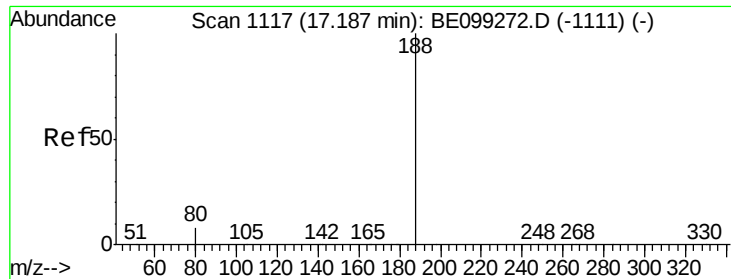


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

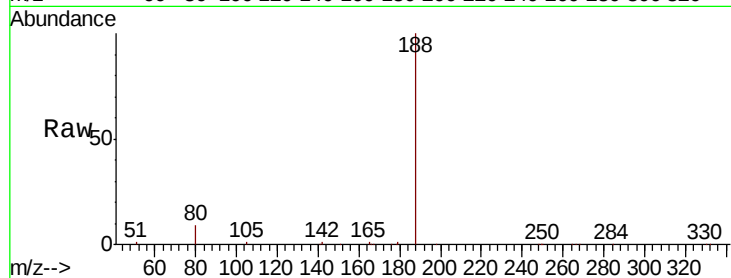
Tot Ion:188 Resp: 25444

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

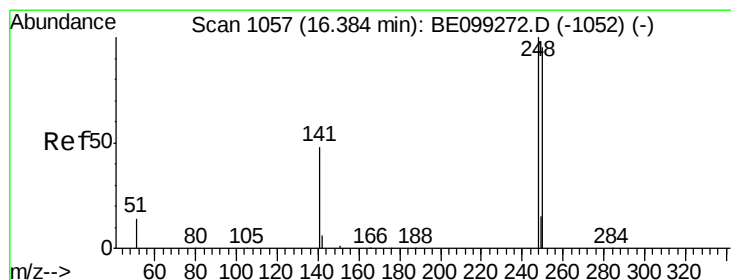
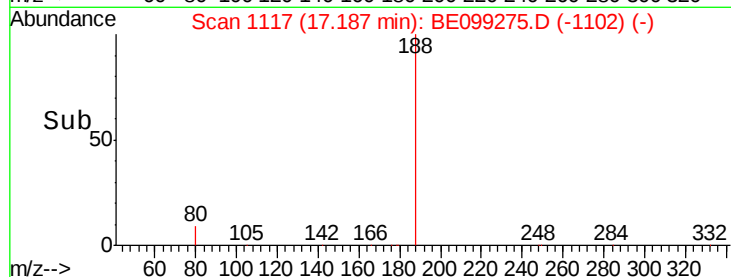
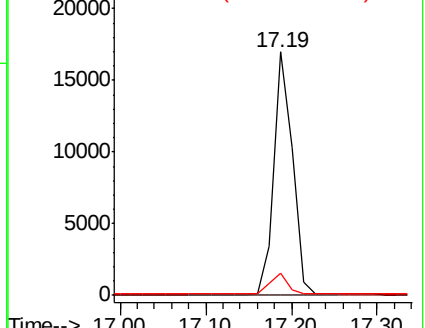
80 9.1 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 2.950 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

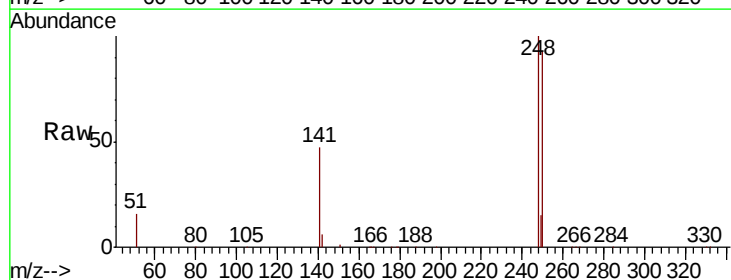
Tgt Ion:248 Resp: 48425

Ion Ratio Lower Upper

248 100

250 92.6 75.9 113.9

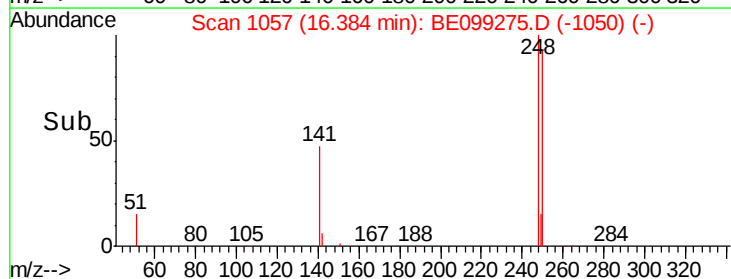
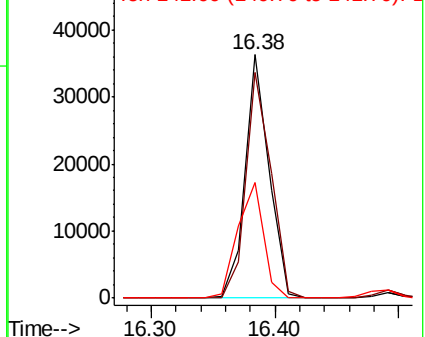
141 47.4 39.0 58.6

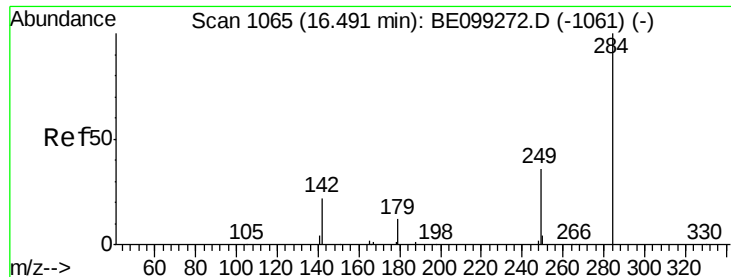


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 2.881 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

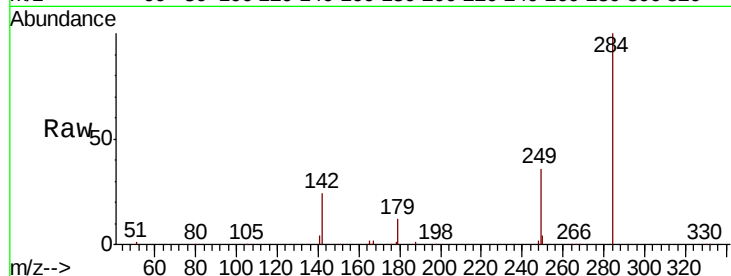
Tot Ion:284 Resp: 45692

Ion Ratio Lower Upper

284 100

142 26.7 21.0 31.6

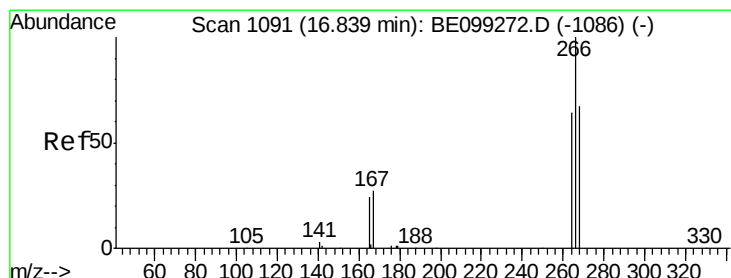
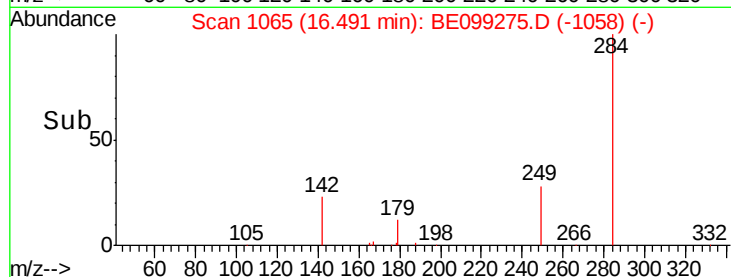
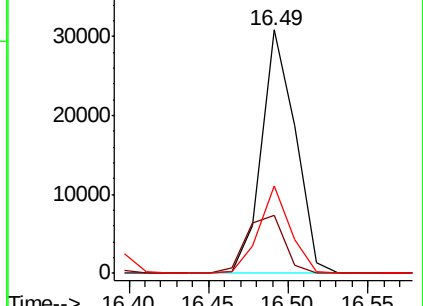
249 33.1 27.0 40.6



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: 10.167 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

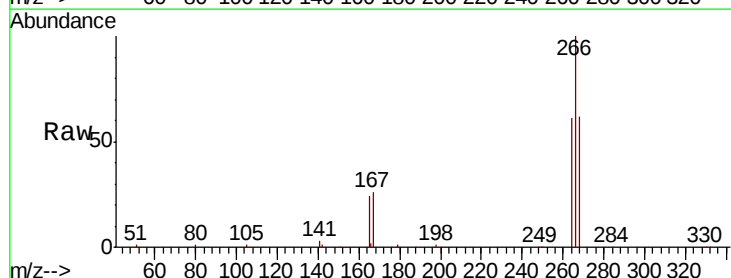
Tgt Ion:266 Resp: 21257

Ion Ratio Lower Upper

266 100

264 61.1 51.8 77.8

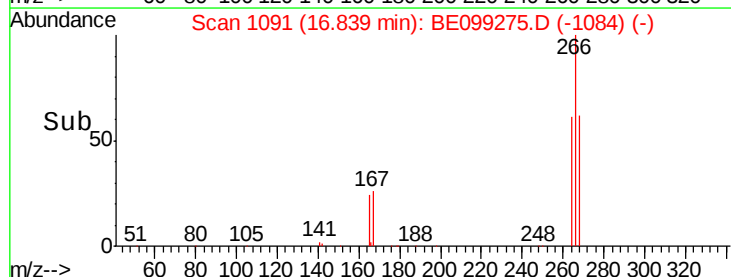
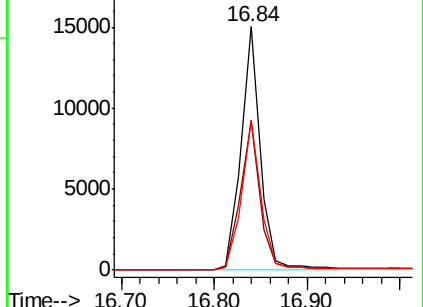
268 61.8 54.7 82.1

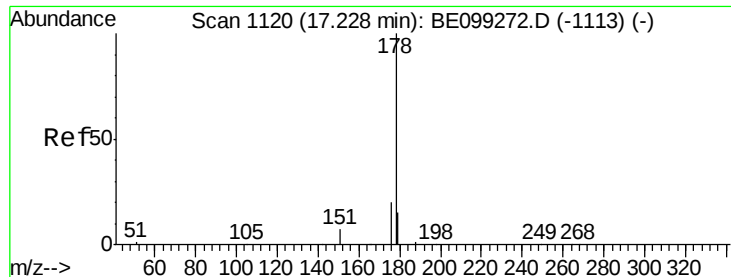


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.869 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

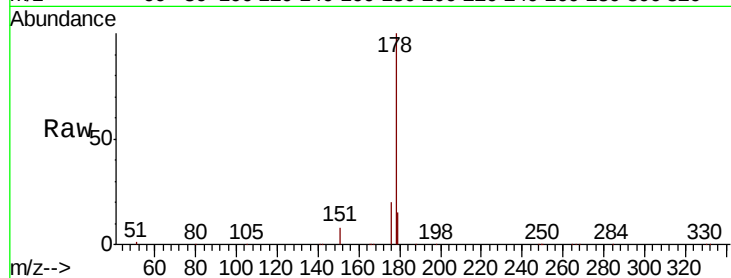
Tot Ion:178 Resp: 214335

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

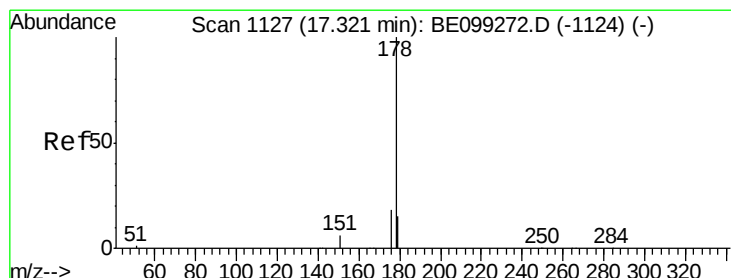
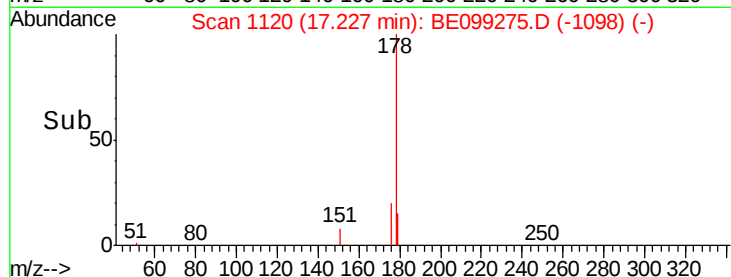
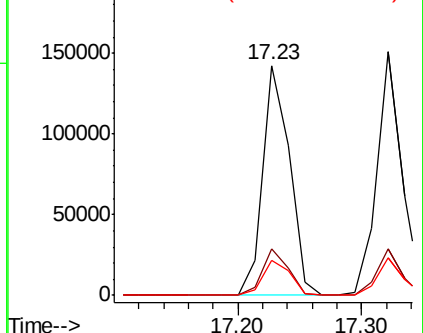
179 15.3 12.3 18.5



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: 3.099 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

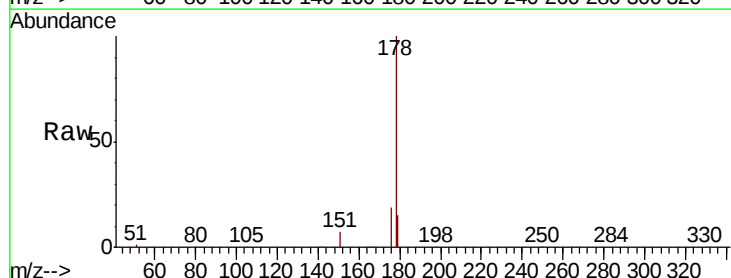
Tgt Ion:178 Resp: 209250

Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

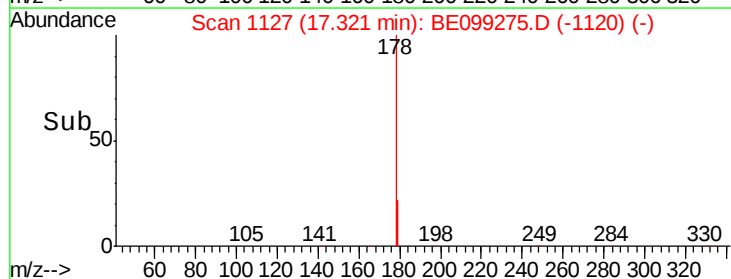
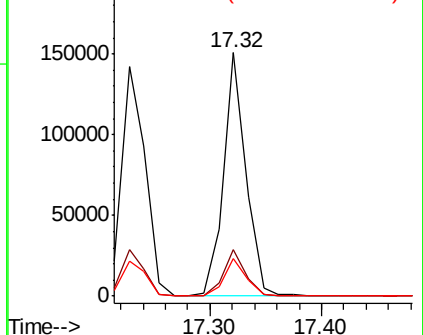
179 15.4 12.3 18.5

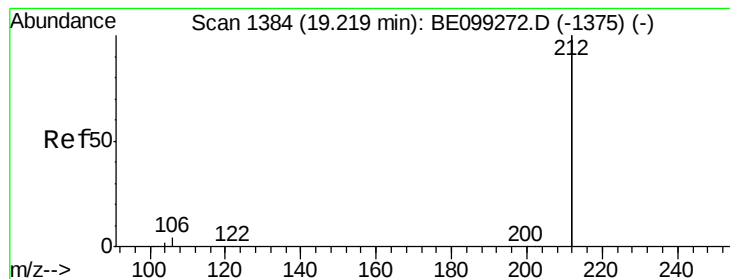


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.621 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

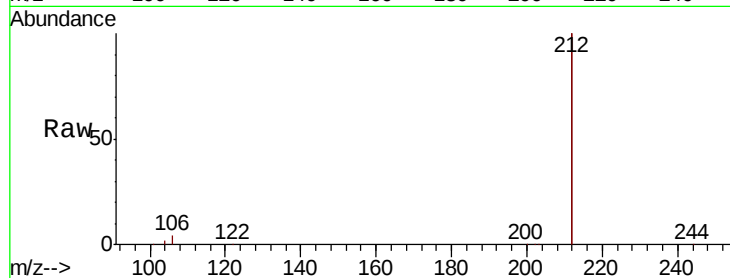
Tot Ion:212 Resp: 1116223

Ion	Ratio	Lower	Upper
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212	100		
-----	-----	--	--

106	2.1	1.7	2.5
-----	-----	-----	-----

104	1.2	1.0	1.4
-----	-----	-----	-----

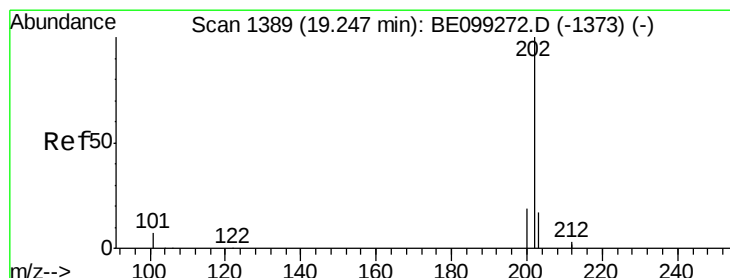
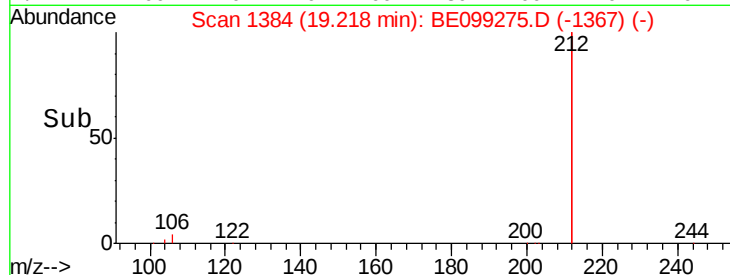
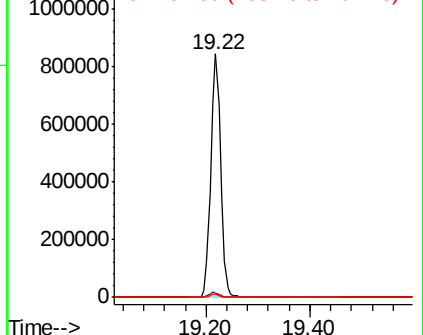


Abundance

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



#26

Fluoranthene

Concen: 3.421 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

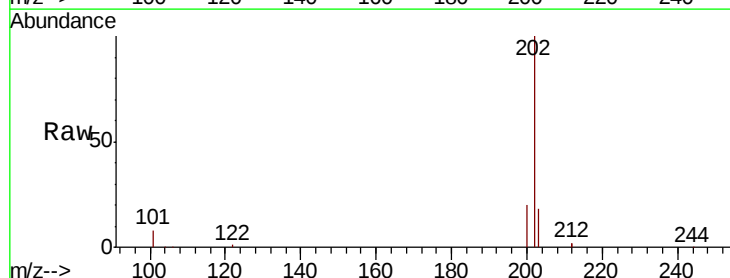
Tgt Ion:202 Resp: 326218

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

202	100		
-----	-----	--	--

101	7.8	6.2	9.4
-----	-----	-----	-----

203	17.4	13.9	20.9
-----	------	------	------

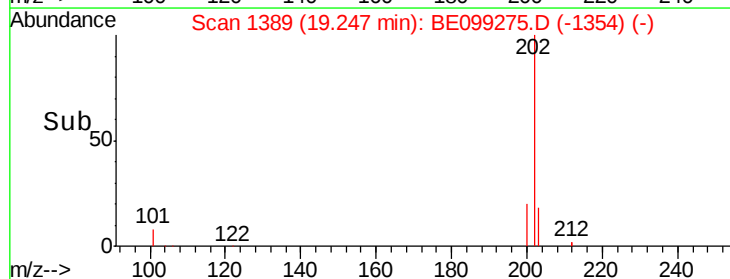
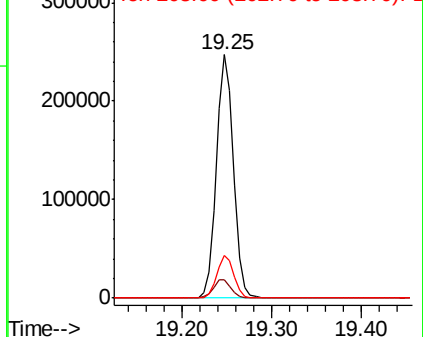


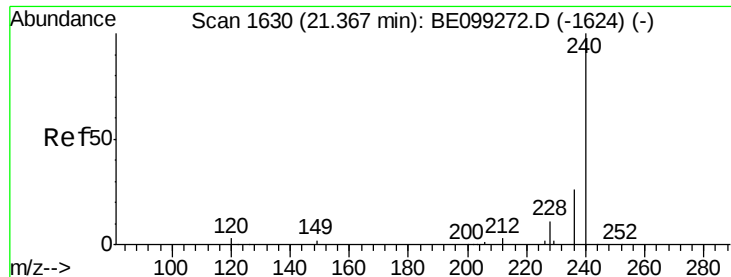
Abundance

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

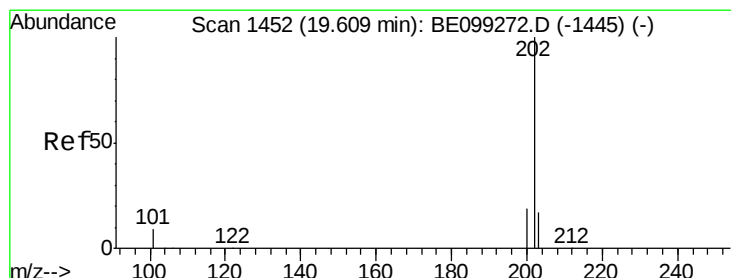
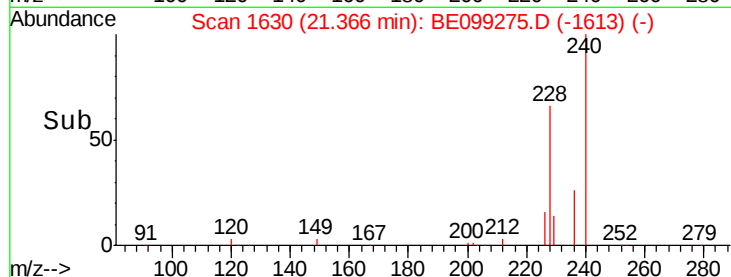
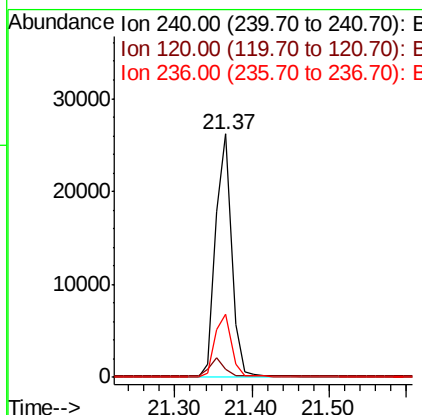
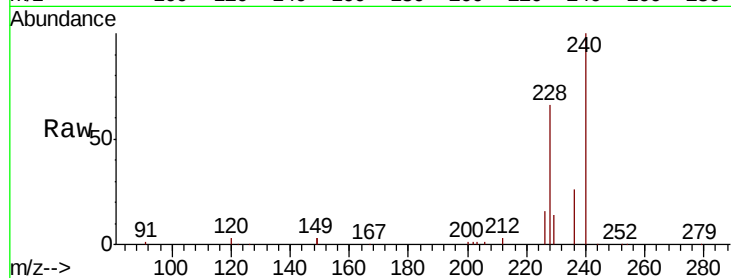




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099275.D
 Acq: 2 Apr 2019 15:08

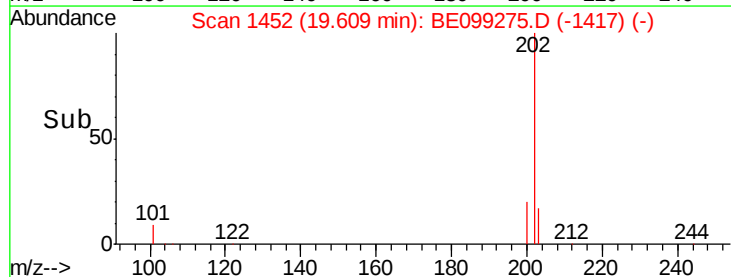
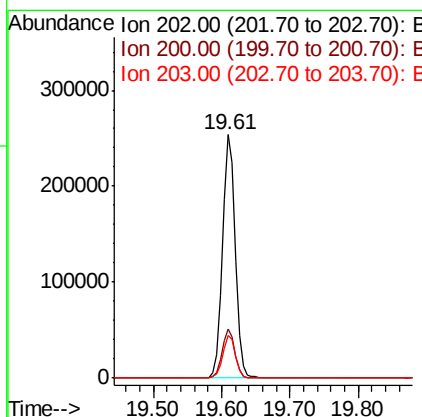
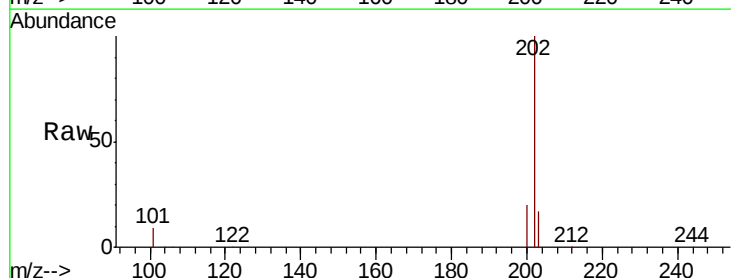
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

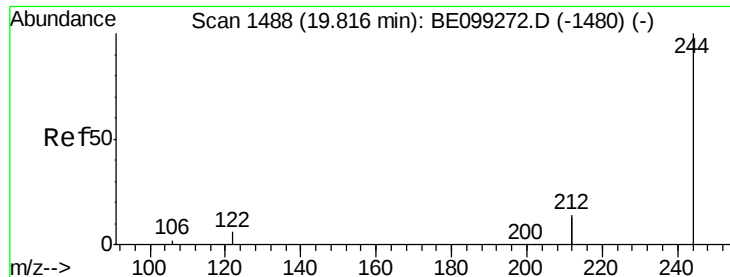
Tot Ion:240 Resp: 38018
 Ion Ratio Lower Upper
 240 100
 120 3.1 2.7 4.1
 236 26.0 20.7 31.1



#28
 Pyrene
 Concen: 2.658 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BE099275.D
 Acq: 2 Apr 2019 15:08

Tgt Ion:202 Resp: 335662
 Ion Ratio Lower Upper
 202 100
 200 19.8 15.7 23.5
 203 17.6 13.9 20.9





#29

Terphenyl-d14

Concen: 2.808 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

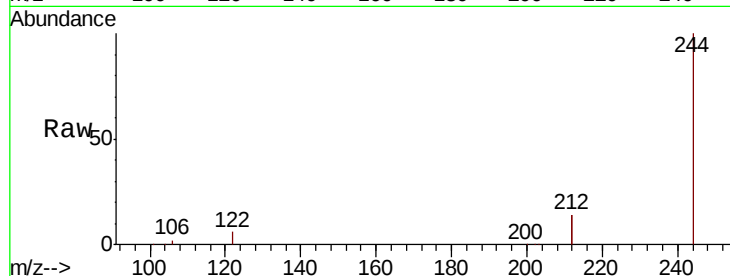
Tot Ion:244 Resp: 232172

Ion Ratio Lower Upper

244 100

212 28.2 22.6 33.8

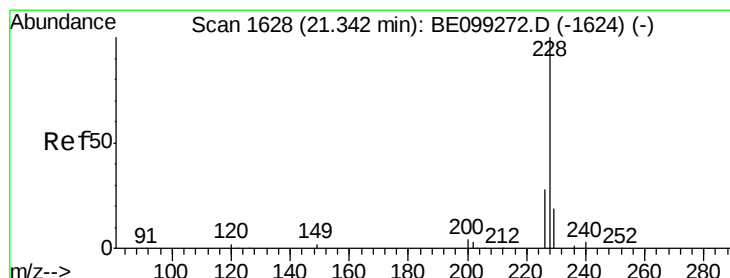
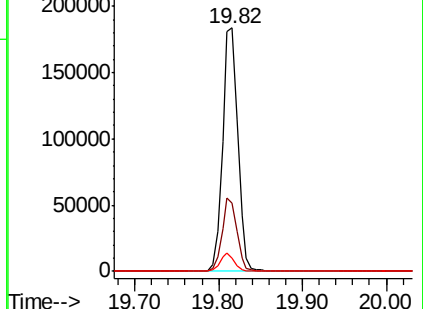
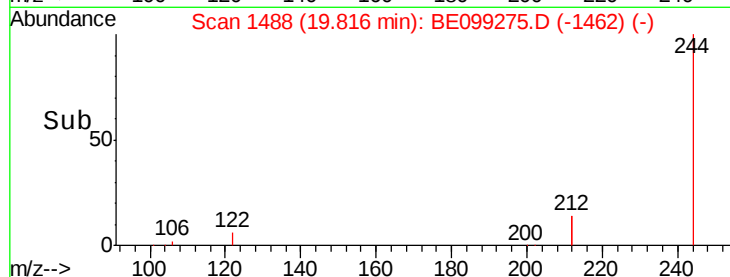
122 5.7 4.6 7.0



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: 3.145 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

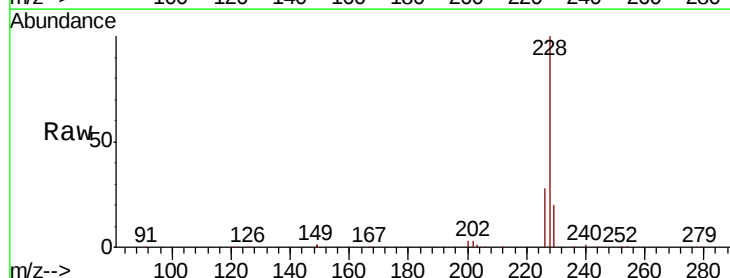
Tgt Ion:228 Resp: 394601

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

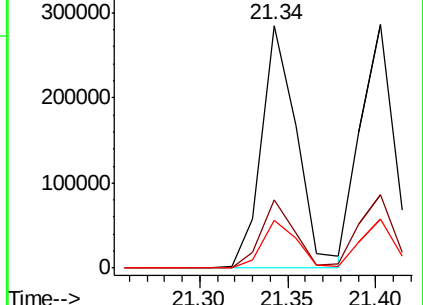
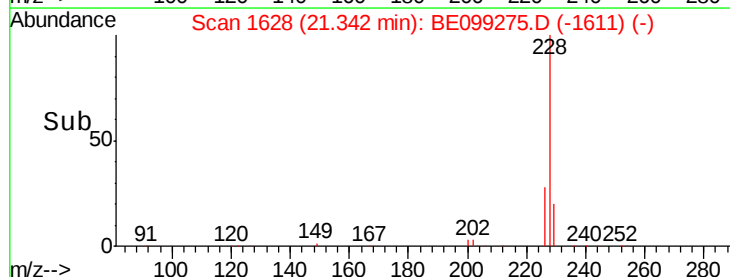
229 19.6 15.4 23.0

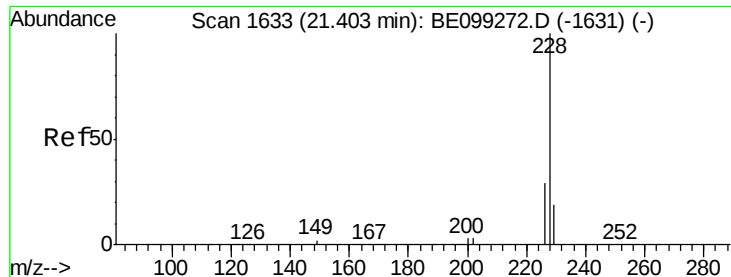


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

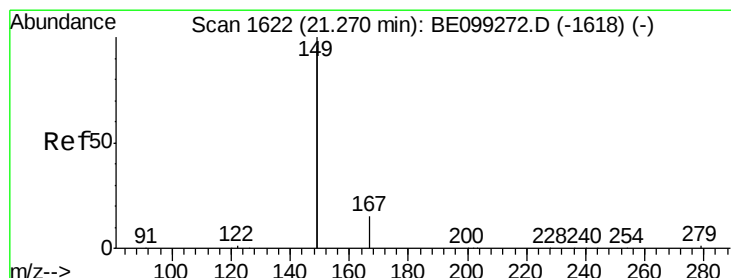
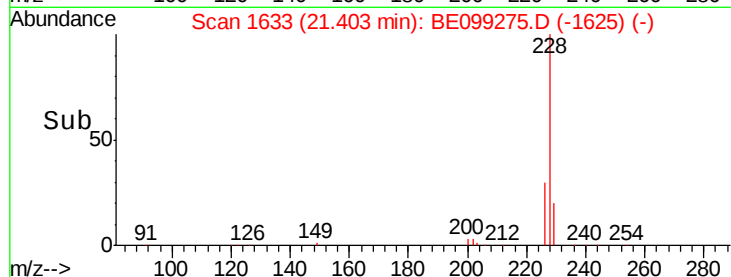
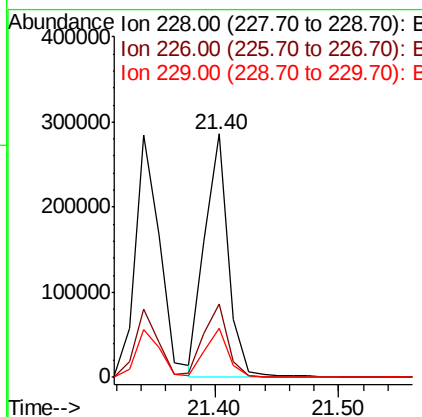
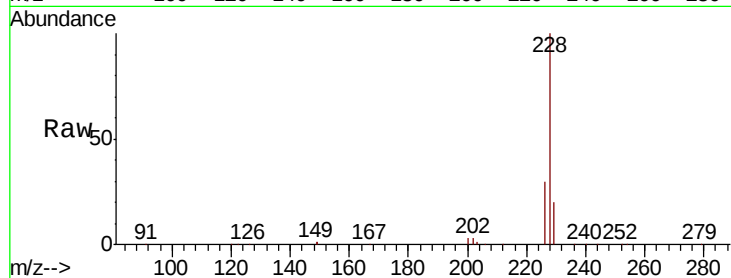




#31
 Chrysene
 Concen: 2.819 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BE099275.D
 Acq: 2 Apr 2019 15:08

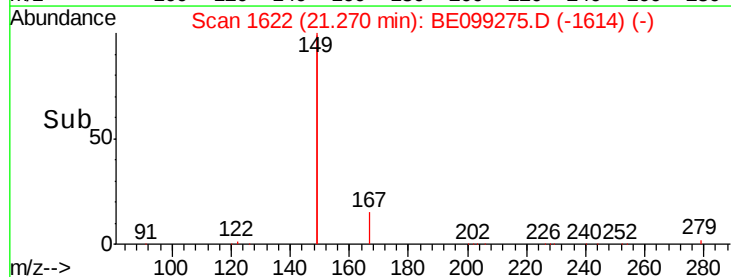
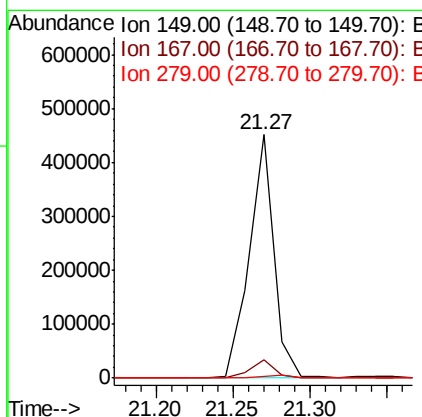
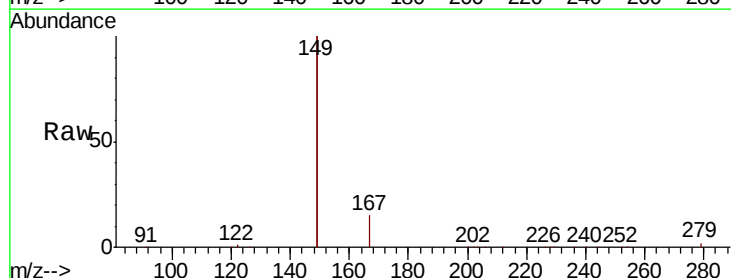
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

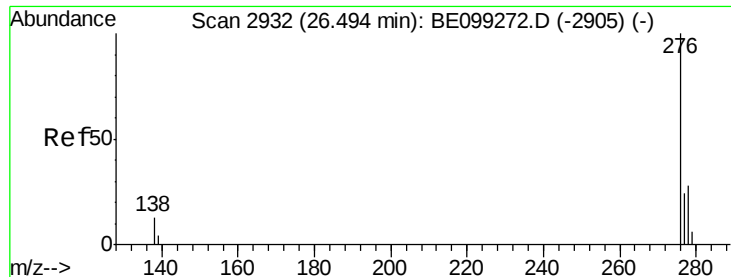
Tot Ion:228 Resp: 377951
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.7 35.5
 229 20.3 15.6 23.4



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 3.325 ng
 RT: 21.27 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BE099275.D
 Acq: 2 Apr 2019 15:08

Tgt Ion:149 Resp: 497565
 Ion Ratio Lower Upper
 149 100
 167 7.4 6.1 9.1
 279 1.2 1.0 1.4

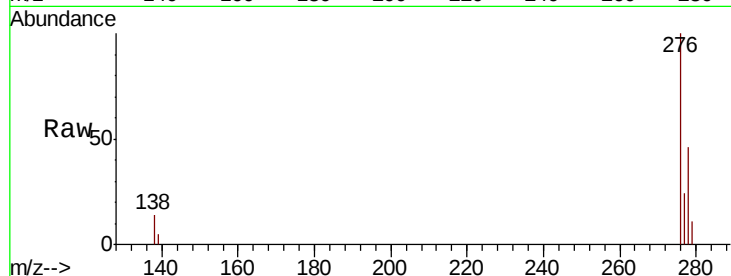




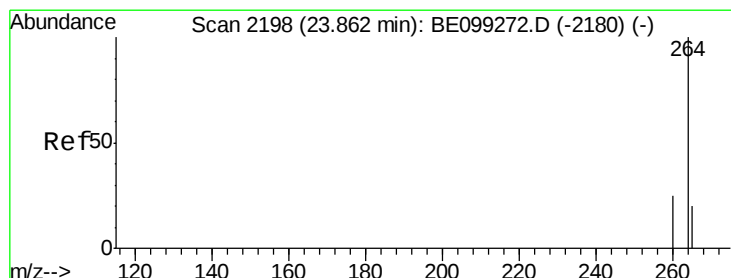
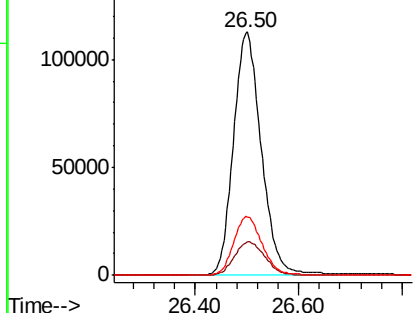
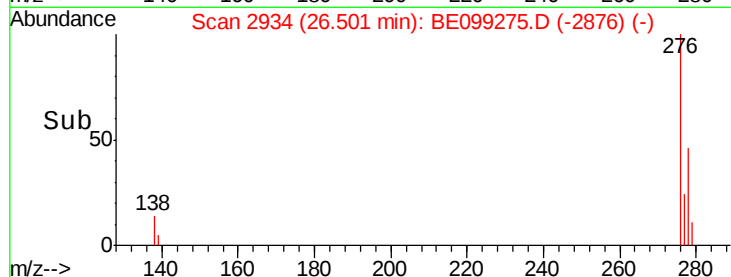
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.332 ng
 RT: 26.50 min Scan# 2934
 Delta R.T. 0.01 min
 Lab File: BE099275.D
 Acq: 2 Apr 2019 15:08

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.0	12.6	18.8
277	24.8	19.4	29.2

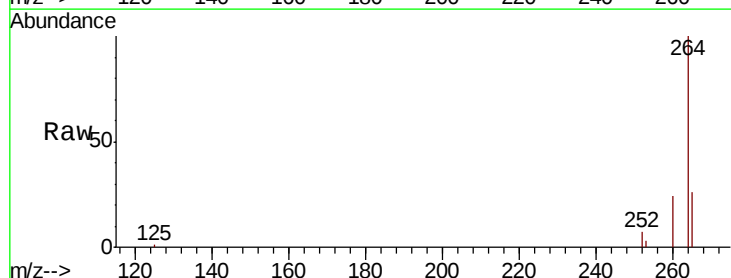


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

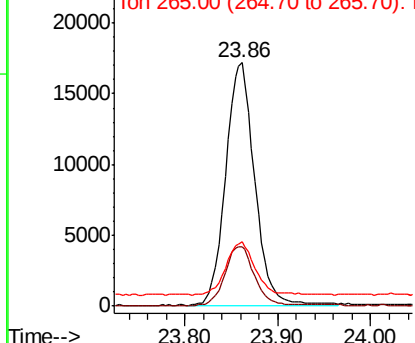
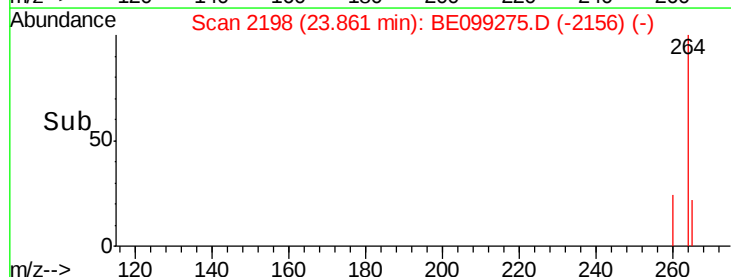


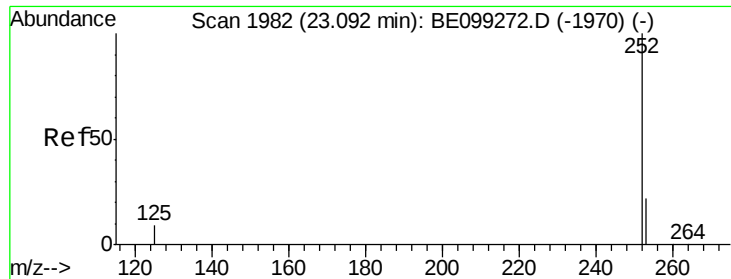
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BE099275.D
 Acq: 2 Apr 2019 15:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.8
265	26.4	19.3	28.9



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: 3.001 ng

RT: 23.09 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

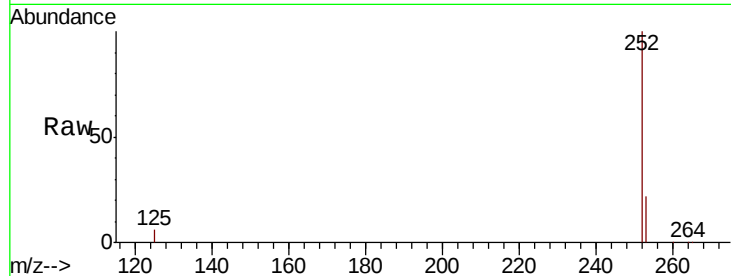
Tot Ion:252 Resp: 365562

Ion Ratio Lower Upper

252 100

253 22.2 18.6 27.8

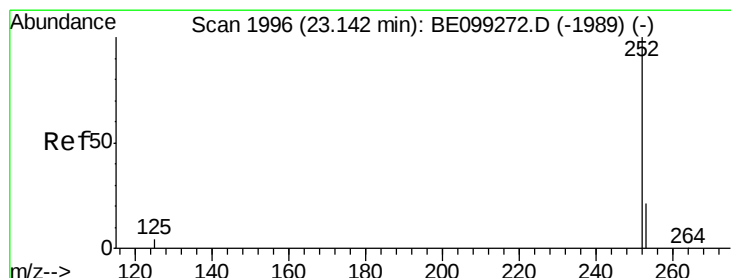
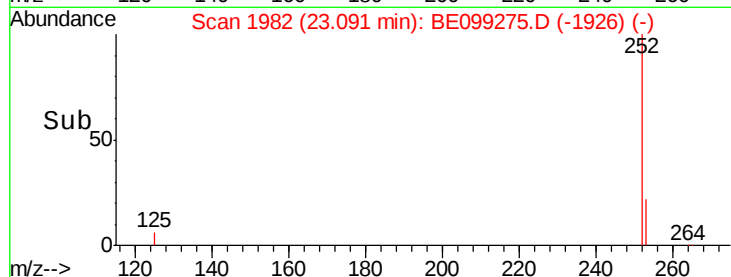
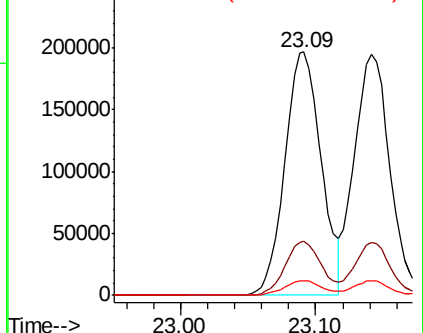
125 6.1 7.4 11.2#



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: 2.837 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

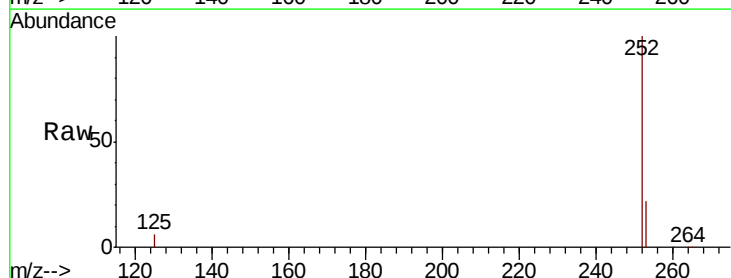
Tgt Ion:252 Resp: 365317

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

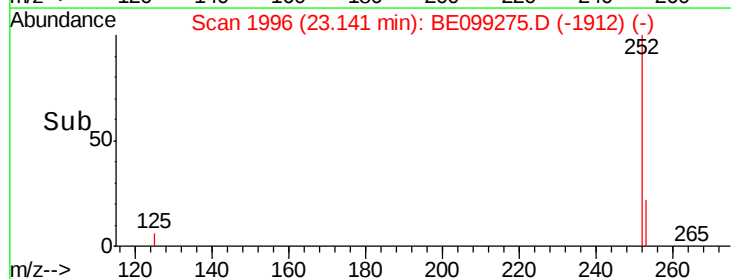
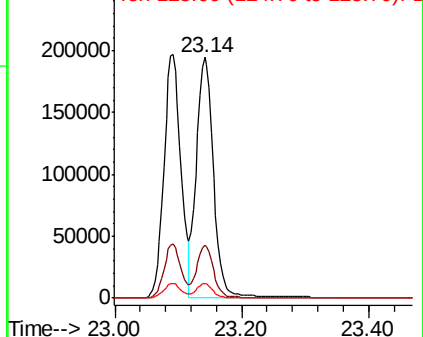
125 5.9 5.8 8.6

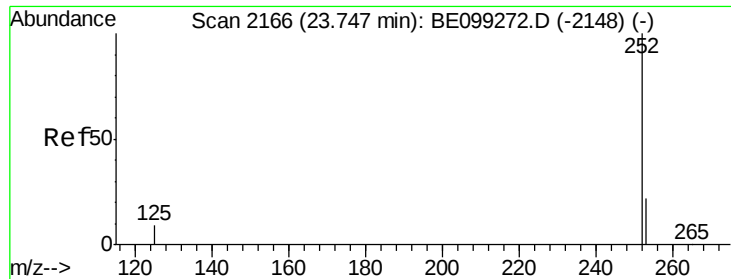


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

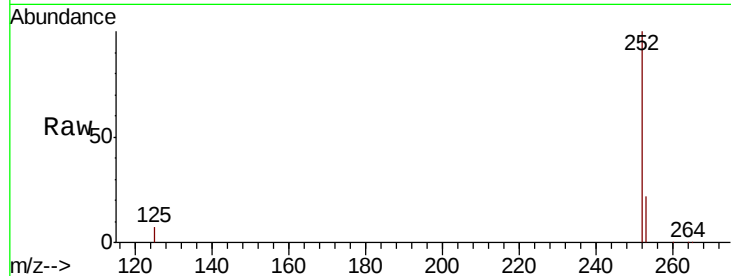




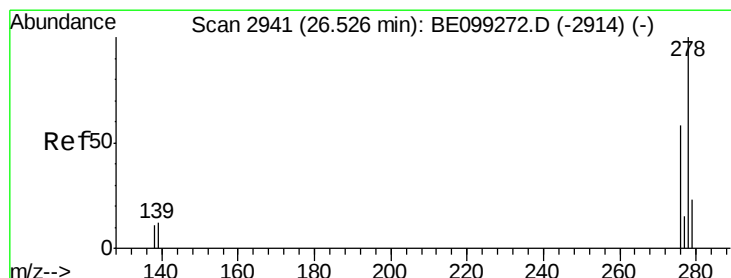
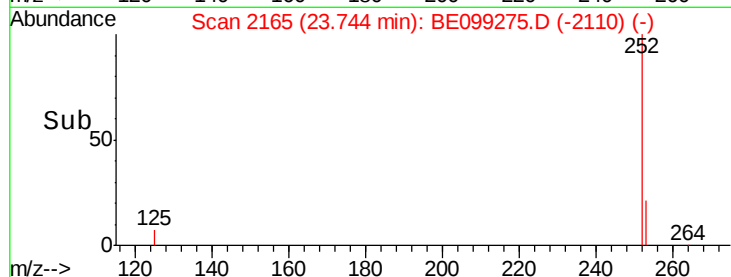
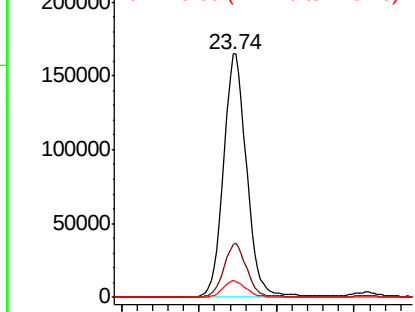
#37
Benzo(a)pyrene
Concen: 2.997 ng
RT: 23.74 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:252 Resp: 340985
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 6.8 7.8 11.8#

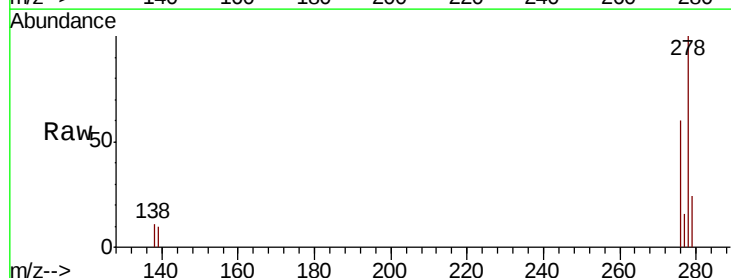


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

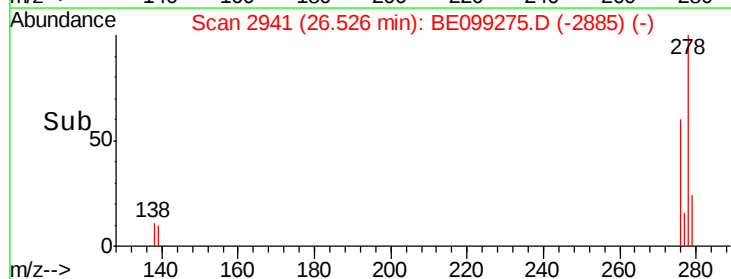
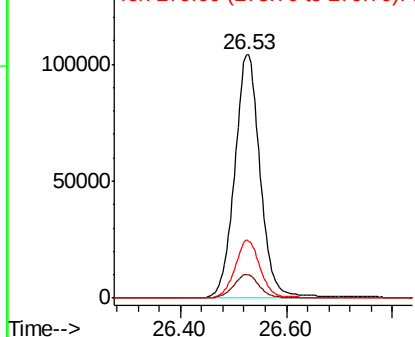


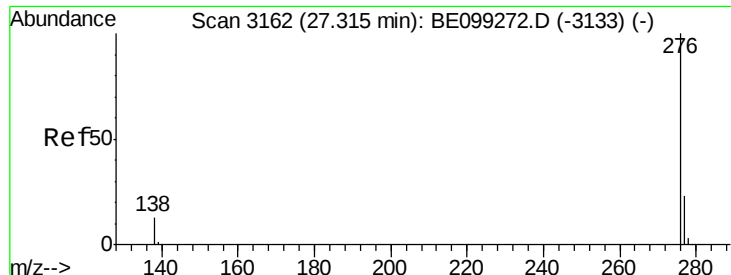
#38
Dibenzo(a,h)anthracene
Concen: 3.455 ng
RT: 26.53 min Scan# 2941
Delta R.T. -0.00 min
Lab File: BE099275.D
Acq: 2 Apr 2019 15:08

Tgt Ion:278 Resp: 349210
Ion Ratio Lower Upper
278 100
139 9.9 10.2 15.2#
279 23.7 19.0 28.4



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(a,h,i)perylene

Concen: 3.406 ng

RT: 27.31 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BE099275.D

Acq: 2 Apr 2019 15:08

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

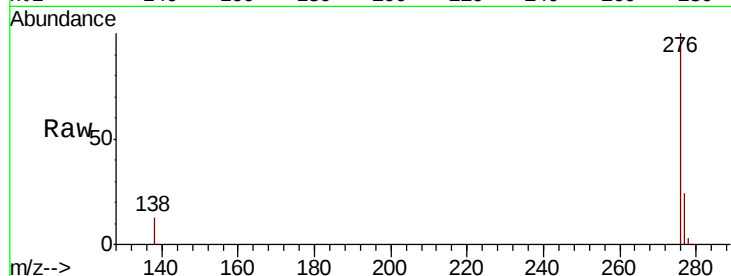
Tot Ion: 276 Resp: 345244

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 13.0 11.2 16.8



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

