

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE041919\
 Data File : BE099351.D
 Acq On : 19 Apr 2019 16:23
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 19 22:58:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 06:51:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3841	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	15203	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	10807	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	31420	0.40	ng	0.00
27) Chrysene-d12	21.37	240	37110	0.40	ng	0.00
34) Perylene-d12	23.86	264	35524	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	4439	0.47	ng	0.00
5) Phenol-d6	6.97	99	6379	0.48	ng	0.00
8) Nitrobenzene-d5	8.96	82	5381	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	12524	0.47	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	1796	0.50	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	19414	0.46	ng	0.00
25) Fluoranthene-d10	19.22	212	171906	0.46	ng	0.00
29) Terphenyl-d14	19.81	244	35047	0.48	ng	0.00

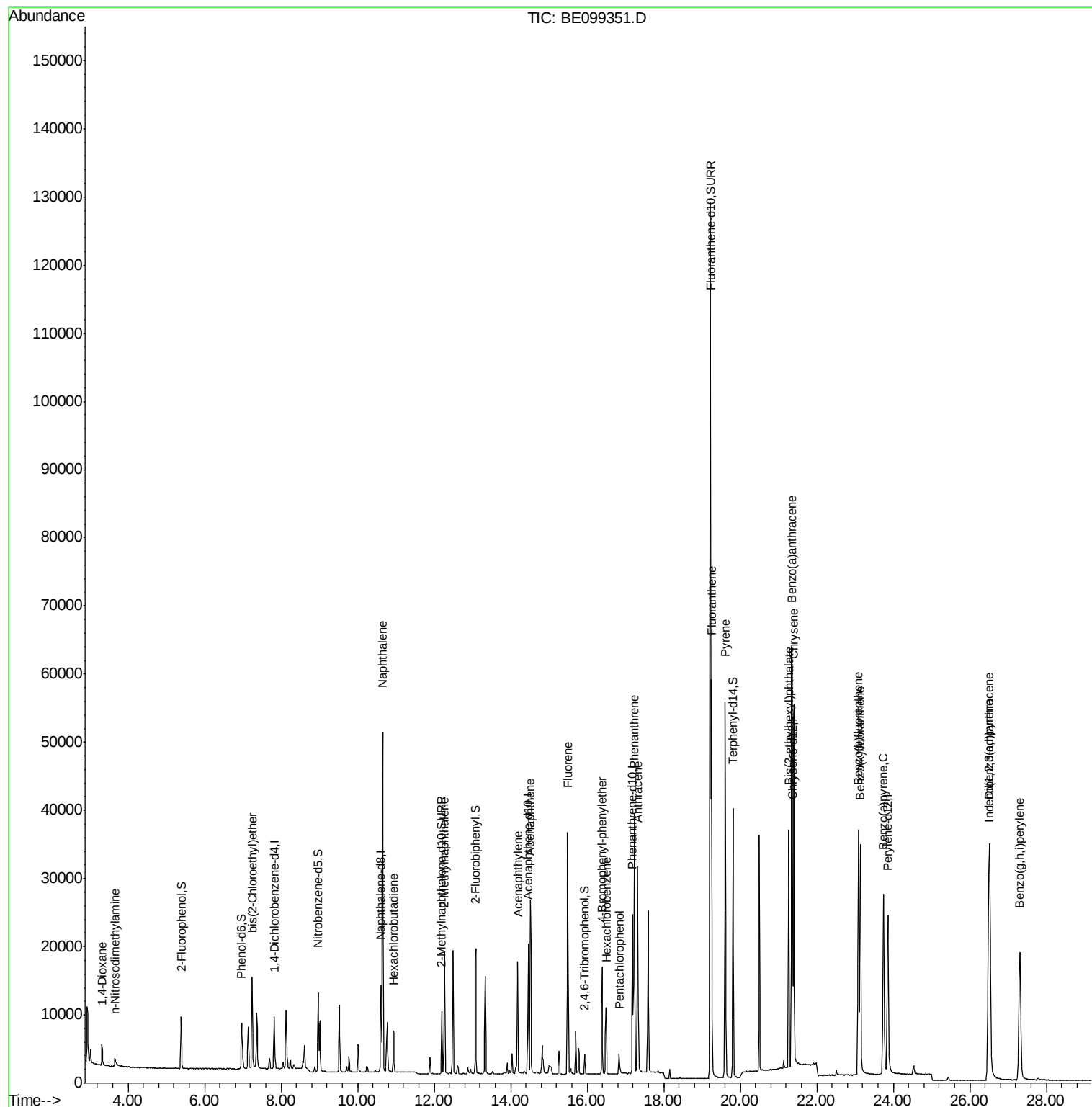
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	2533	0.471	ng	97
3) n-Nitrosodimethylamine	3.65	42	1148	0.397	ng	# 96
6) bis(2-Chloroethyl)ether	7.24	93	5812	0.465	ng	95
9) Naphthalene	10.65	128	77077	0.465	ng	99
10) Hexachlorobutadiene	10.93	225	4864	0.462	ng	99
12) 2-Methylnaphthalene	12.27	142	13155	0.466	ng	98
16) Acenaphthylene	14.18	152	21483	0.440	ng	99
17) Acenaphthene	14.51	154	13346	0.443	ng	99
18) Fluorene	15.49	166	19722	0.456	ng	100
20) 4-Bromophenyl-phenylether	16.39	248	7761	0.446	ng	99
21) Hexachlorobenzene	16.49	284	7758	0.464	ng	97
22) Pentachlorophenol	16.84	266	1986	0.514	ng	96
23) Phenanthrene	17.23	178	38097	0.458	ng	99
24) Anthracene	17.32	178	32518	0.439	ng	99
26) Fluoranthene	19.25	202	51163	0.459	ng	100
28) Pyrene	19.61	202	51364	0.470	ng	100
30) Benzo(a)anthracene	21.34	228	49511	0.454	ng	100
31) Chrysene	21.40	228	56106	0.483	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	43449	0.438	ng	100
33) Indeno(1,2,3-cd)pyrene	26.49	276	57385	0.501	ng	100
35) Benzo(b)fluoranthene	23.09	252	50536	0.465	ng	96
36) Benzo(k)fluoranthene	23.14	252	52361	0.483	ng	99
37) Benzo(a)pyrene	23.74	252	45915	0.471	ng	98
38) Dibenzo(a,h)anthracene	26.52	278	46912	0.471	ng	98
39) Benzo(g,h,i)perylene	27.31	276	47012	0.466	ng	98

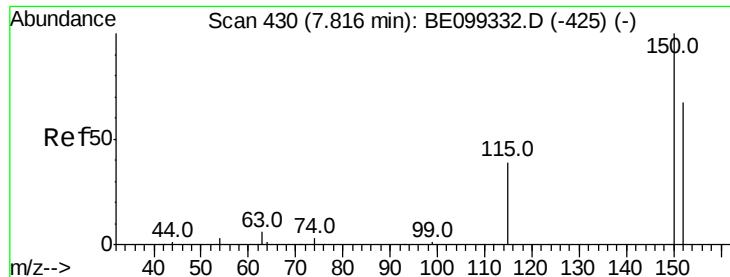
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 19 22:58:26 2019
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QLast Update : Fri Apr 19 06:51:38 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. 0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

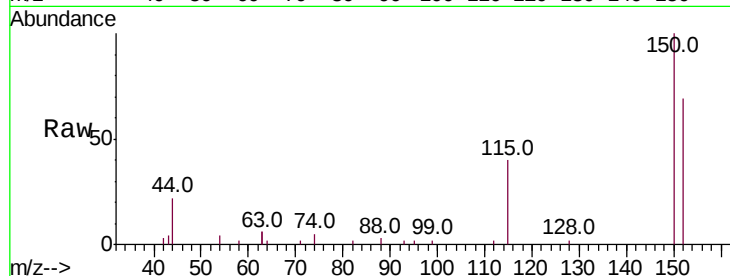
Tot Ion:152 Resp: 3841

Ion Ratio Lower Upper

152 100

150 145.7 119.5 179.3

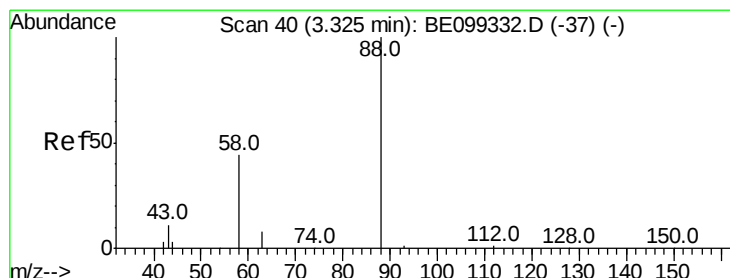
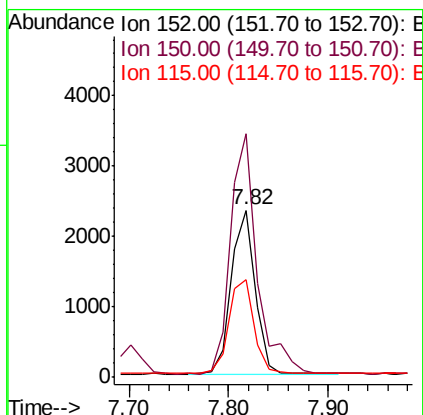
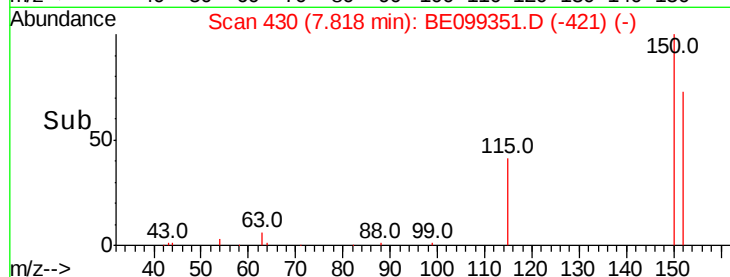
115 58.5 47.5 71.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.471 ng

RT: 3.33 min Scan# 40

Delta R.T. 0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

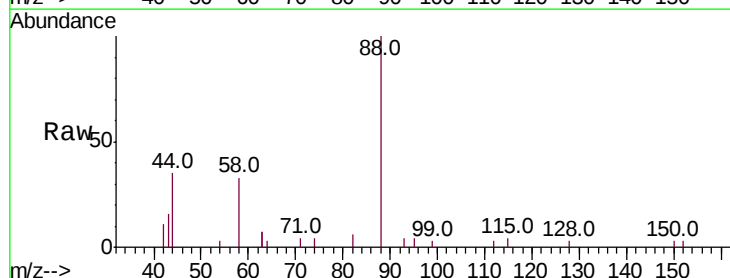
Tgt Ion: 88 Resp: 2533

Ion Ratio Lower Upper

88 100

58 58.6 49.1 73.7

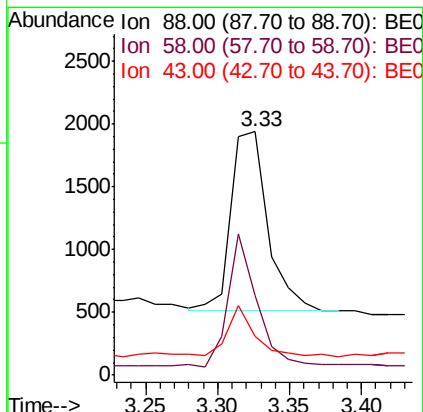
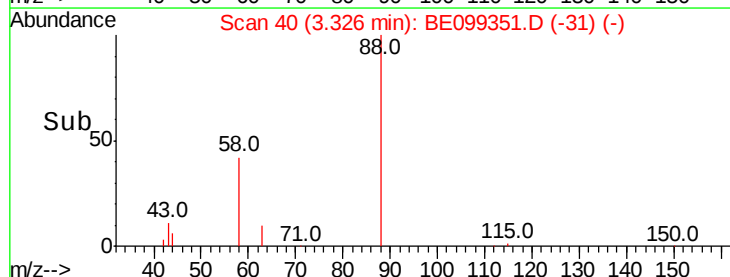
43 21.0 17.9 26.9

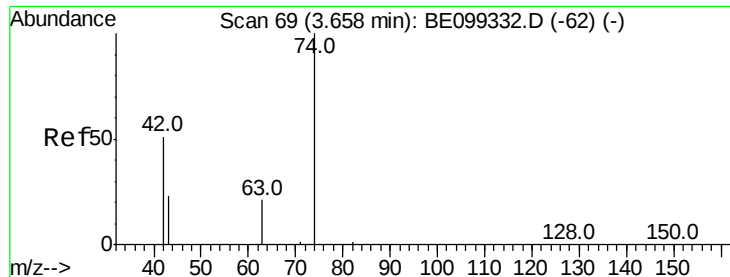


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



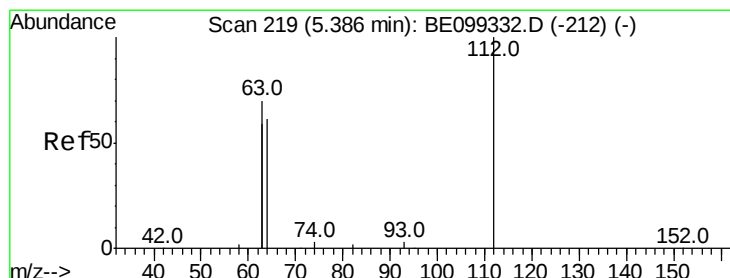
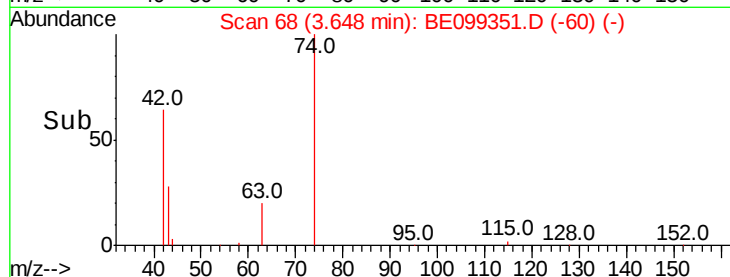
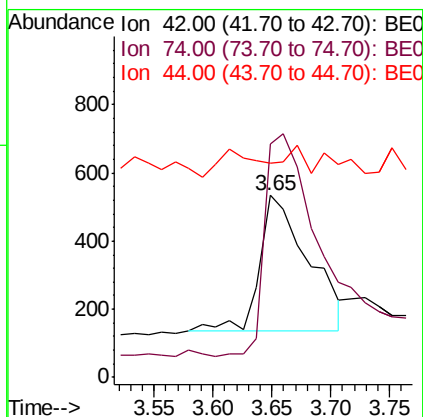
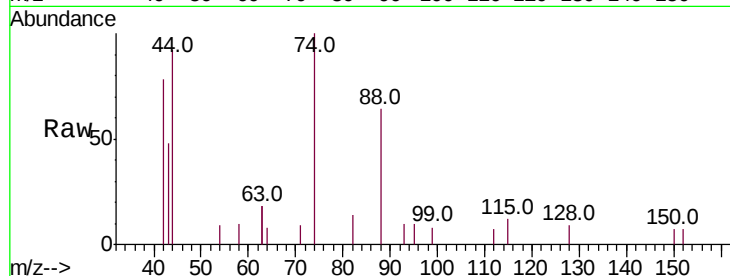


#3

n-Nitrosodimethylamine
 Concen: 0.397 ng
 RT: 3.65 min Scan# 68
 Delta R.T. -0.01 min
 Lab File: BE099351.D
 Acq: 19 Apr 2019 16:23

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

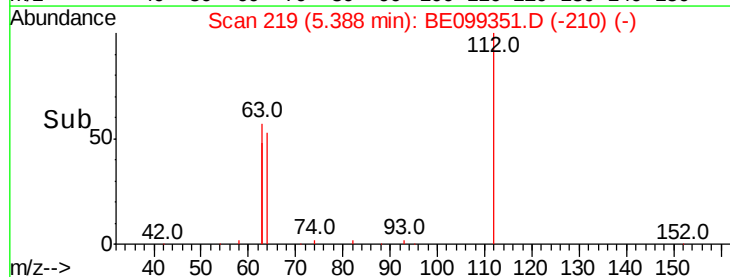
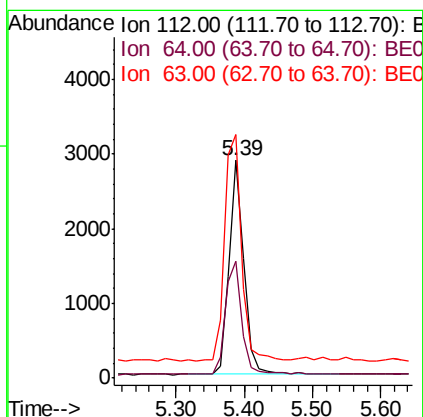
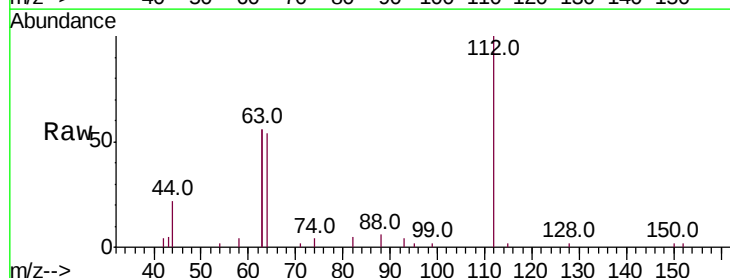
Tot Ion: 42 Resp: 1148
 Ion Ratio Lower Upper
 42 100
 74 179.3 145.8 218.8
 44 0.0 9.0 13.4#

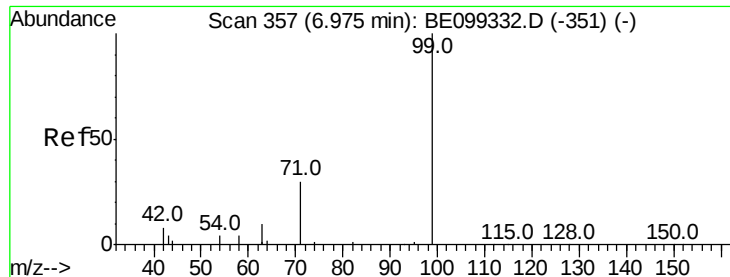


#4

2-Fluorophenol
 Concen: 0.473 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE099351.D
 Acq: 19 Apr 2019 16:23

Tgt Ion: 112 Resp: 4439
 Ion Ratio Lower Upper
 112 100
 64 57.7 44.9 67.3
 63 119.7 97.4 146.0





#5

Phenol-d6

Concen: 0.476 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

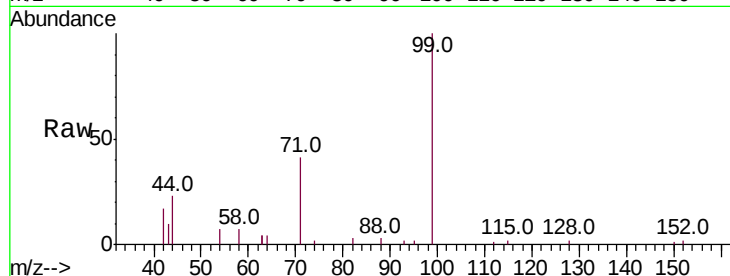
Tot Ion: 99 Resp: 6379

Ion Ratio Lower Upper

99 100

42 15.6 11.7 17.5

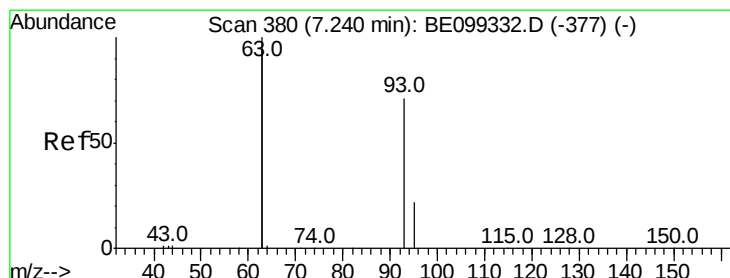
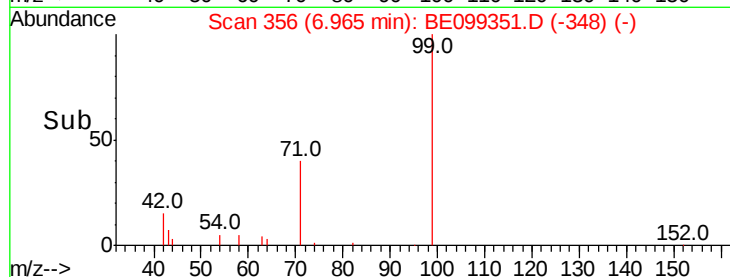
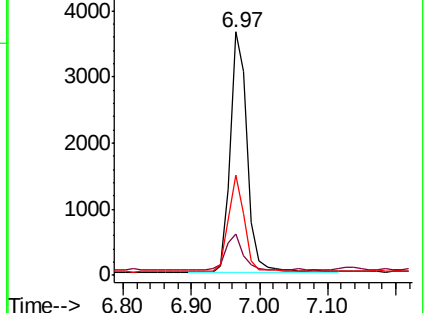
71 37.5 29.6 44.4



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: 0.465 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

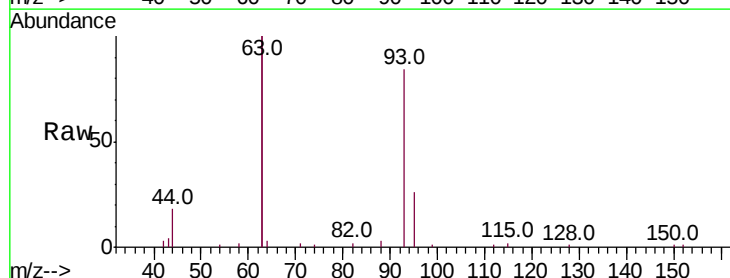
Tgt Ion: 93 Resp: 5812

Ion Ratio Lower Upper

93 100

63 280.1 216.6 324.8

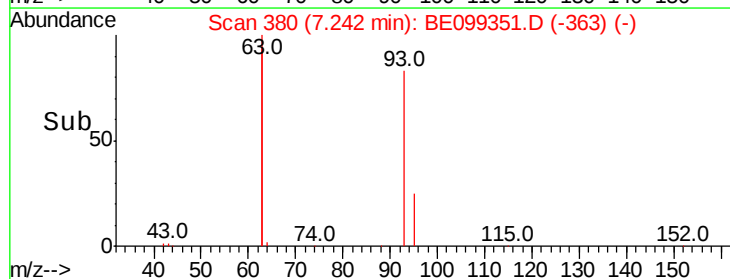
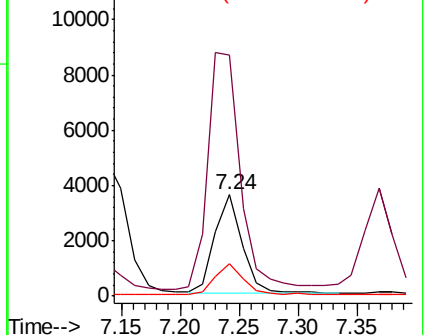
95 33.2 25.8 38.6

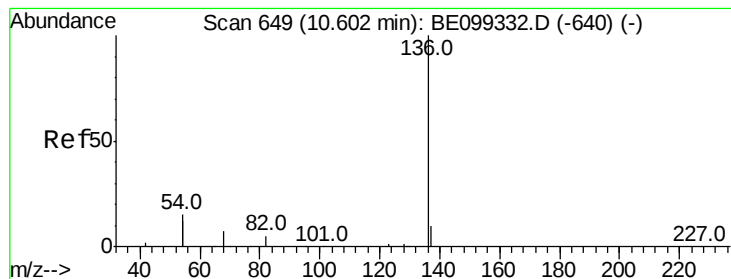


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 15203

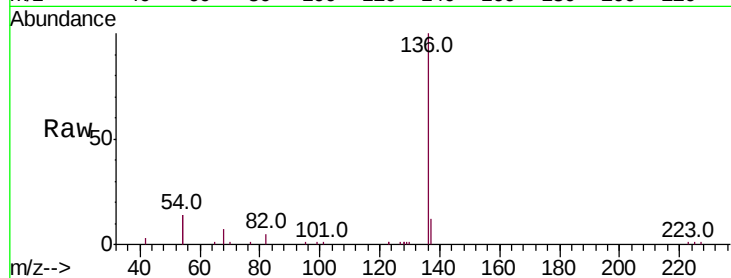
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 28.7 23.8 35.8

68 7.5 6.4 9.6

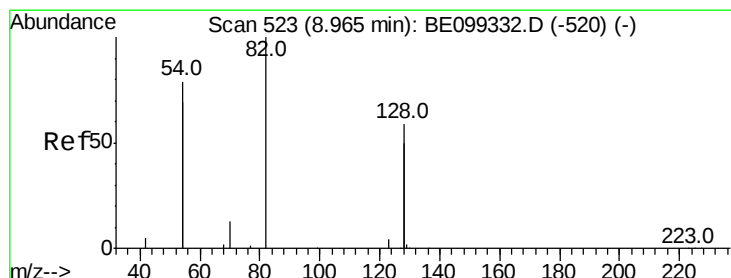
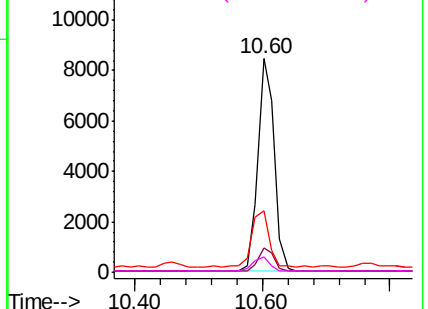
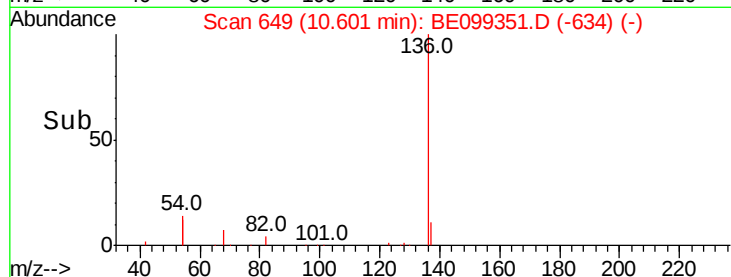


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.456 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

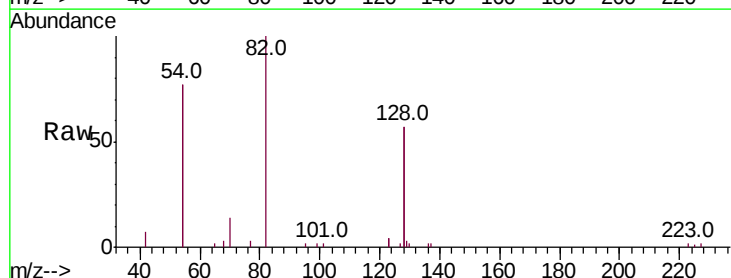
Tgt Ion: 82 Resp: 5381

Ion Ratio Lower Upper

82 100

128 114.1 91.7 137.5

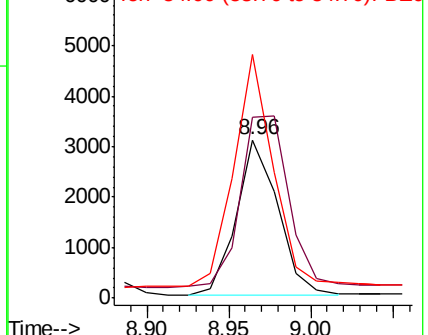
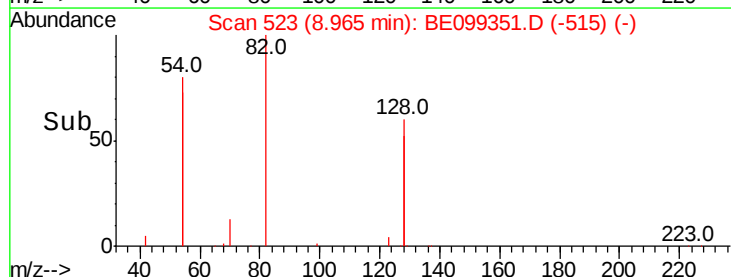
54 153.7 122.8 184.2

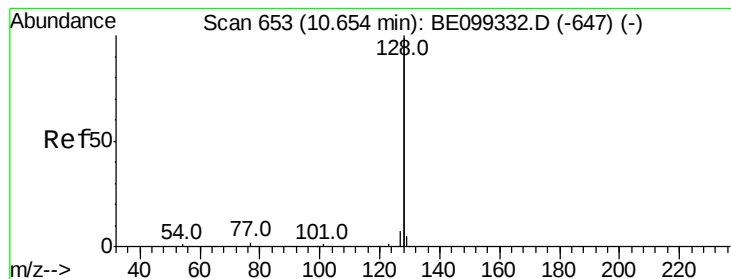


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.465 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

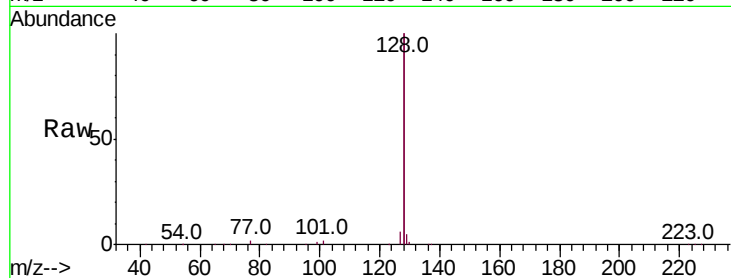
Tot Ion:128 Resp: 77077

Ion Ratio Lower Upper

128 100

129 2.7 2.3 3.5

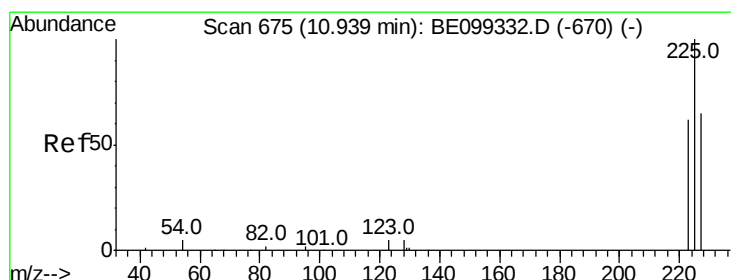
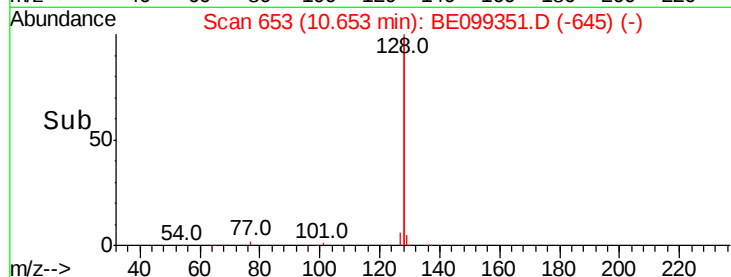
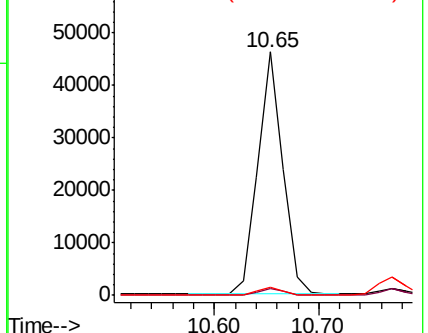
127 3.2 2.8 4.2



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: 0.462 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.01 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

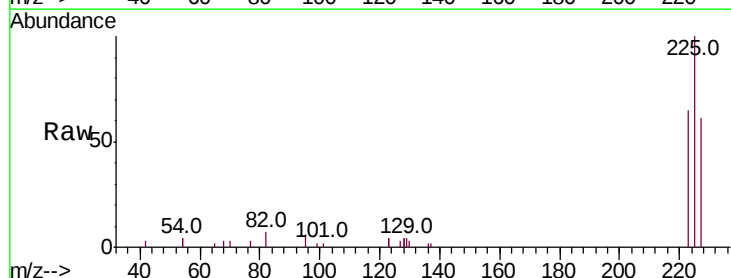
Tgt Ion:225 Resp: 4864

Ion Ratio Lower Upper

225 100

223 63.0 50.3 75.5

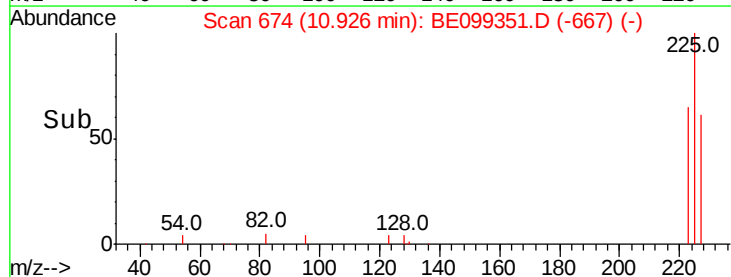
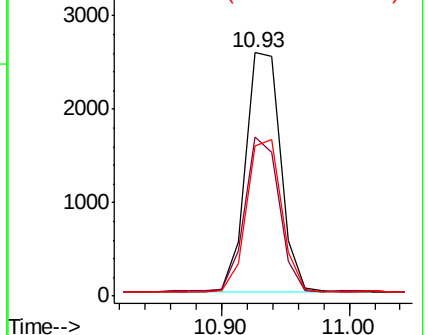
227 63.8 49.4 74.0

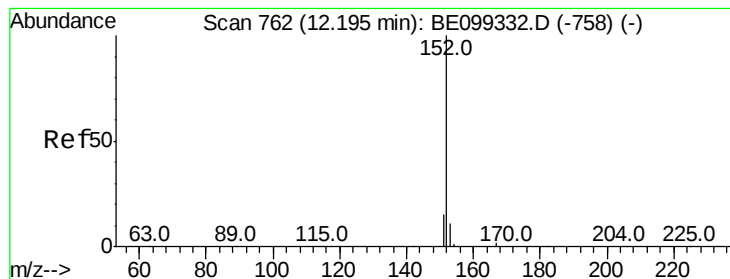


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.467 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

Instrument :

BNA_E

ClientSampleId :

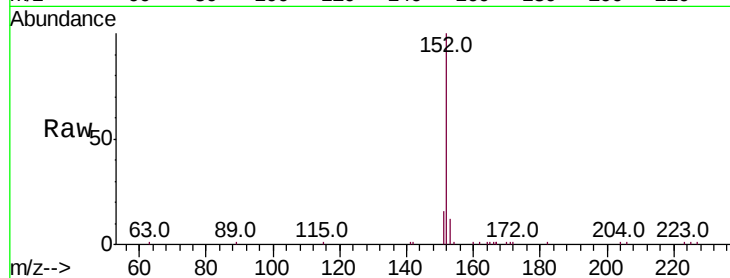
SSTDCCC0.4EC

Tot Ion:152 Resp: 12524

Ion Ratio Lower Upper

152 100

151 19.0 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.19

8000

6000

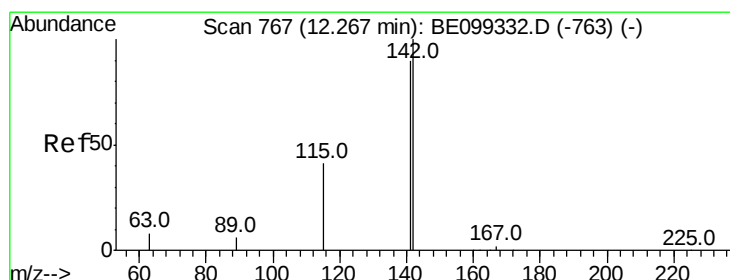
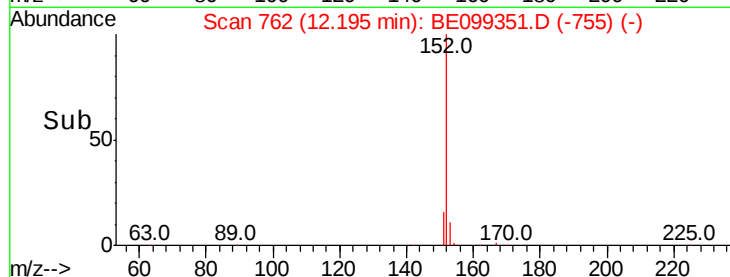
4000

2000

0

Time-->

12.10 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.466 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

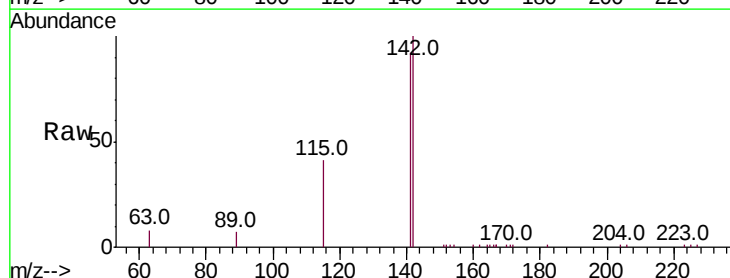
Tgt Ion:142 Resp: 13155

Ion Ratio Lower Upper

142 100

141 92.2 72.0 108.0

115 41.1 33.4 50.0



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

10000

8000

6000

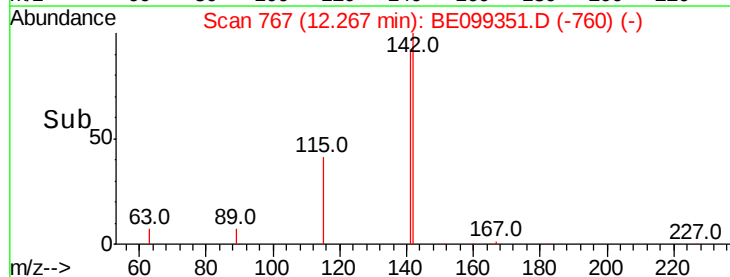
4000

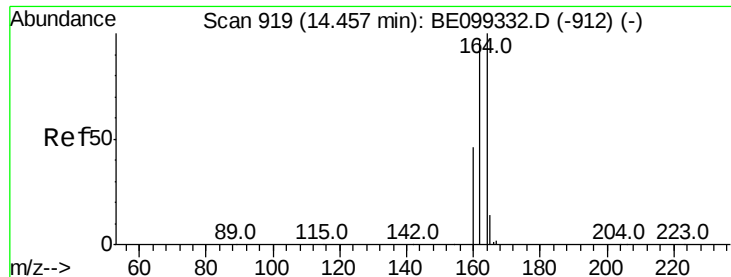
2000

0

Time-->

12.20 12.30

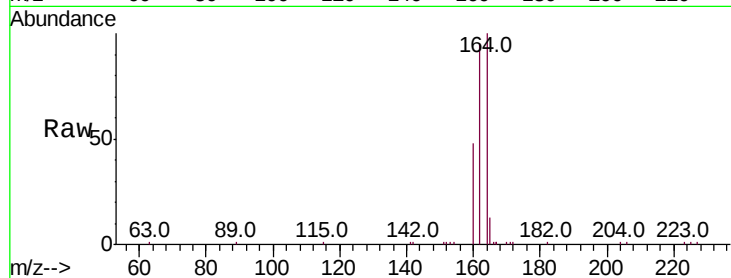




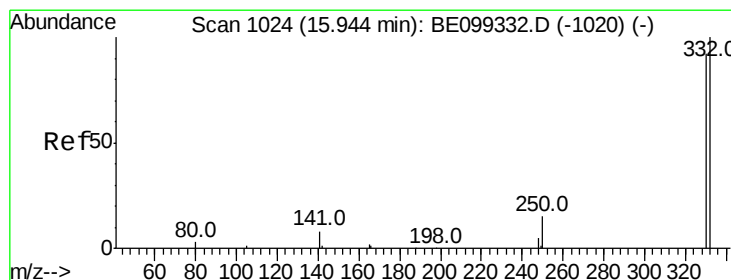
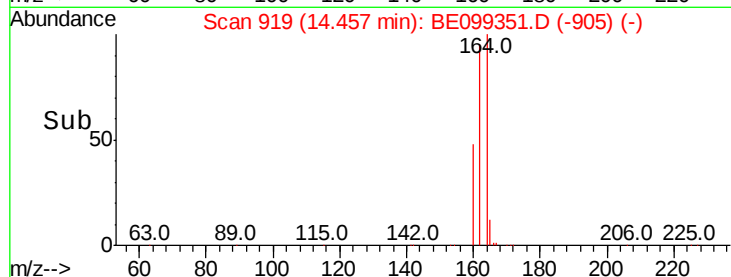
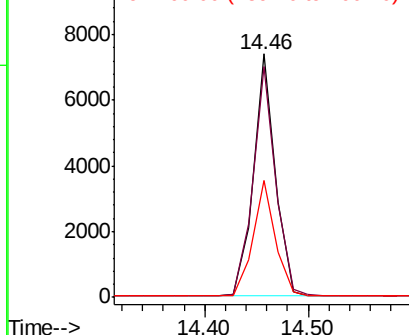
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099351.D
Acq: 19 Apr 2019 16:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 10807
Ion Ratio Lower Upper
164 100
162 95.0 77.8 116.6
160 48.1 37.1 55.7

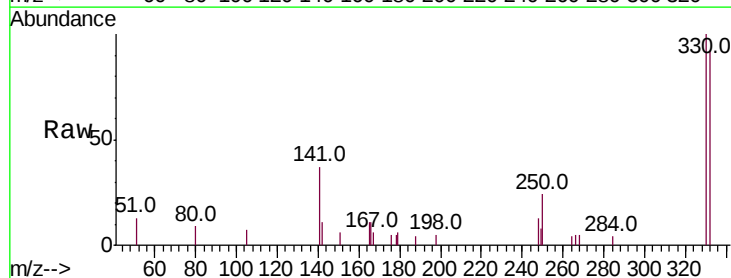


Abundance Ion 164.00 (163.70 to 164.70): E
10000 Ion 162.00 (161.70 to 162.70): E
8000 Ion 160.00 (159.70 to 160.70): E

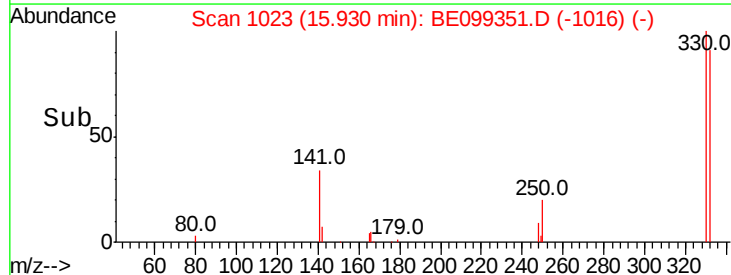
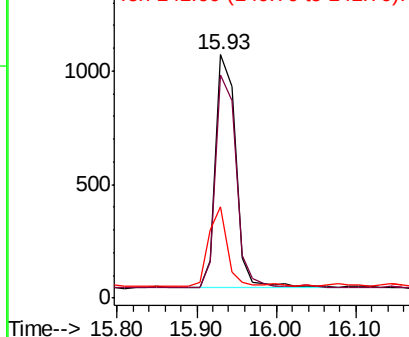


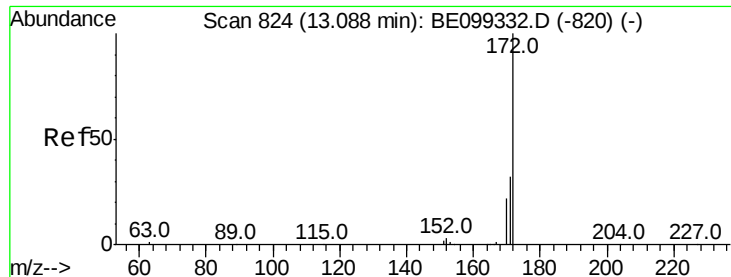
#14
2,4,6-Tribromophenol
Concen: 0.500 ng
RT: 15.93 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BE099351.D
Acq: 19 Apr 2019 16:23

Tgt Ion:330 Resp: 1796
Ion Ratio Lower Upper
330 100
332 93.9 82.5 123.7
141 32.0 24.9 37.3



Abundance Ion 330.00 (329.70 to 330.70): E
1500 Ion 331.80 (331.50 to 332.50): E
1000 Ion 141.00 (140.70 to 141.70): E

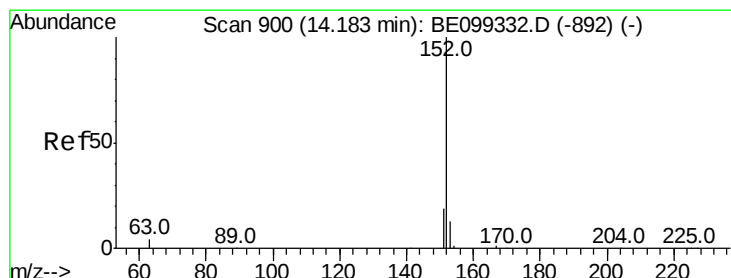
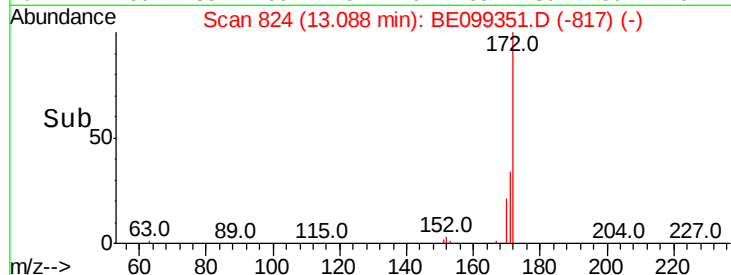
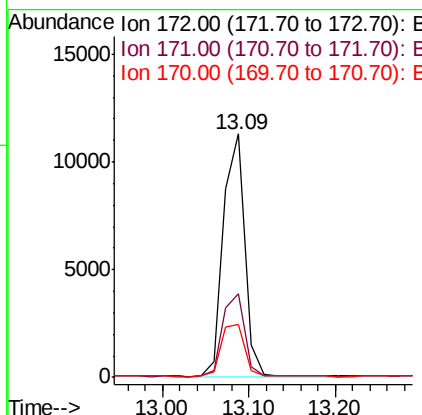
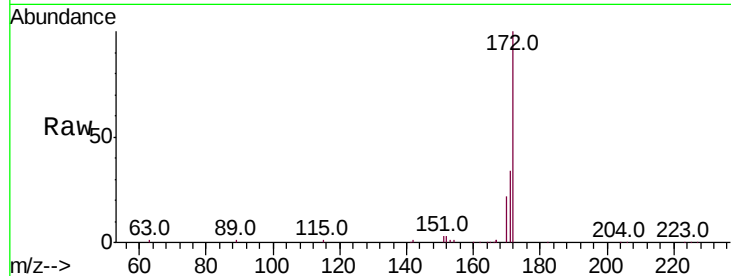




#15
 2-Fluorobiphenyl
 Concen: 0.457 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099351.D
 Acq: 19 Apr 2019 16:23

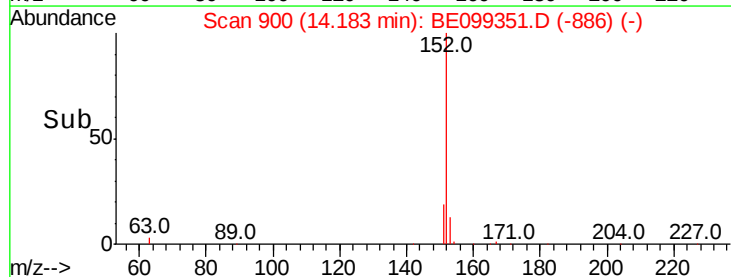
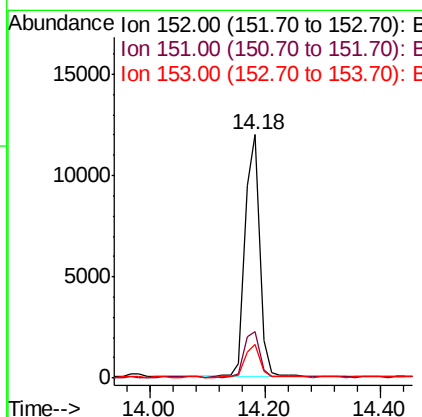
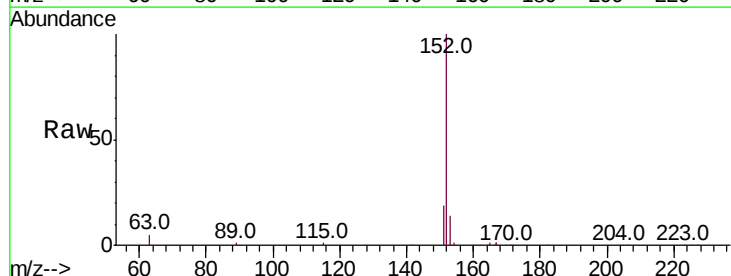
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

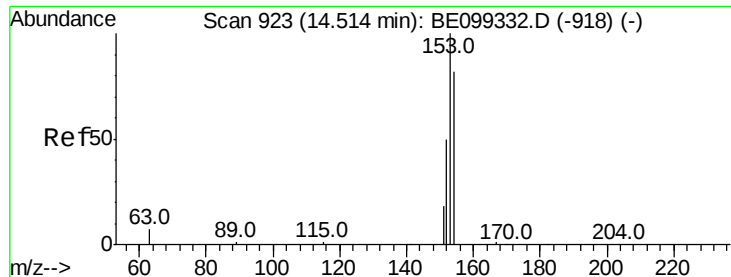
Tot Ion:172 Resp: 19414
 Ion Ratio Lower Upper
 172 100
 171 34.2 26.2 39.2
 170 21.7 18.1 27.1



#16
 Acenaphthylene
 Concen: 0.440 ng
 RT: 14.18 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BE099351.D
 Acq: 19 Apr 2019 16:23

Tgt Ion:152 Resp: 21483
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.5 23.3
 153 13.2 10.2 15.4





#17

Acenaphthene

Concen: 0.443 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

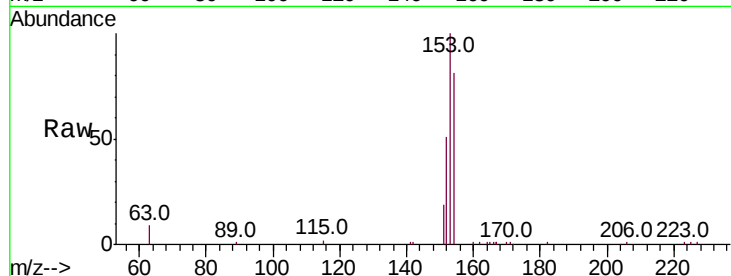
Tot Ion:154 Resp: 13346

Ion Ratio Lower Upper

154 100

153 119.2 94.7 142.1

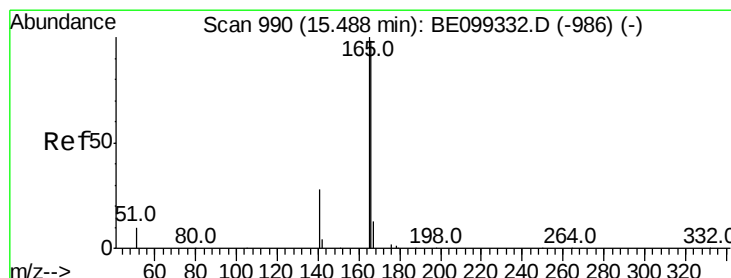
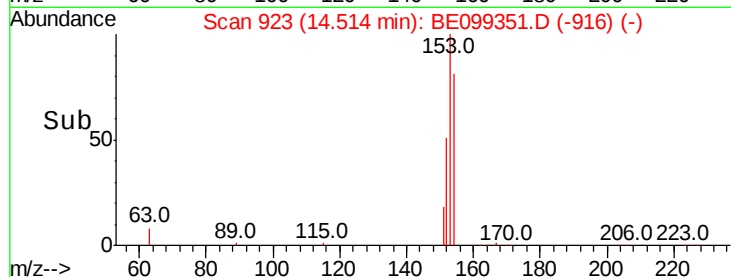
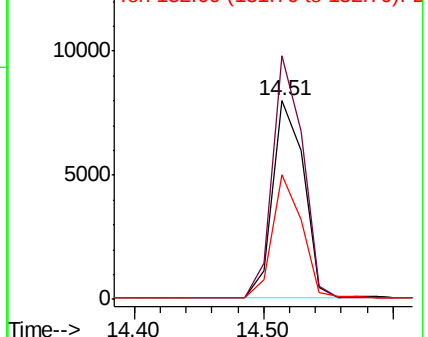
152 58.9 46.4 69.6



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: 0.456 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

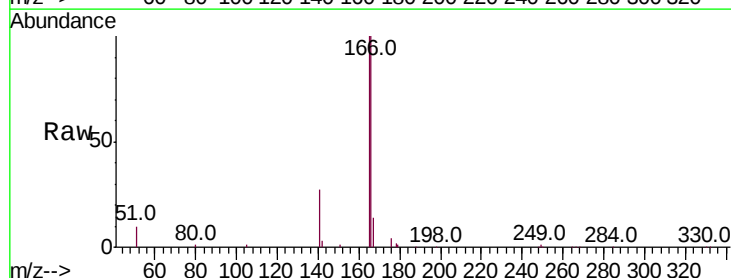
Tgt Ion:166 Resp: 19722

Ion Ratio Lower Upper

166 100

165 99.5 79.7 119.5

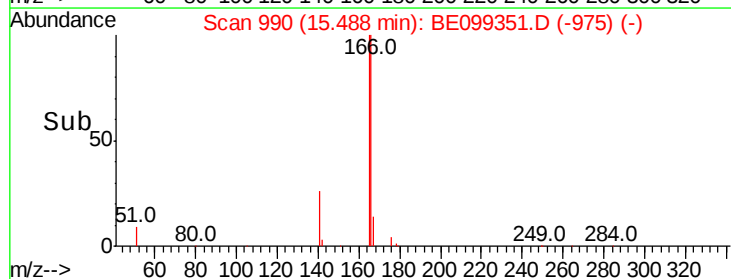
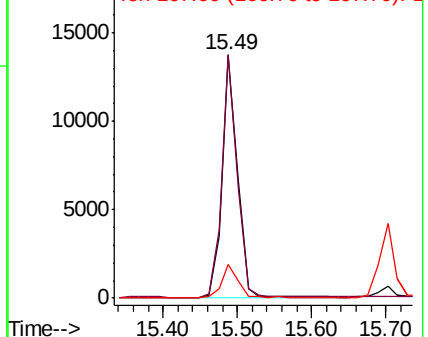
167 13.8 11.0 16.4

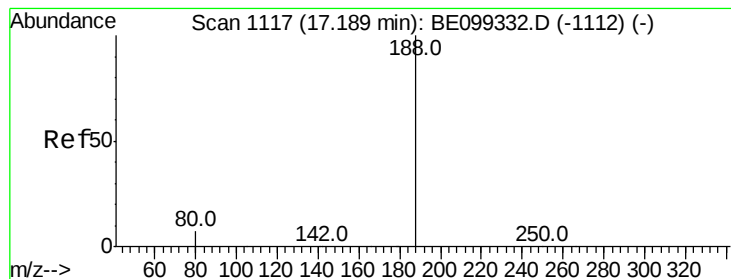


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099351.D

Acq: 19 Apr 2019 16:23

Instrument :

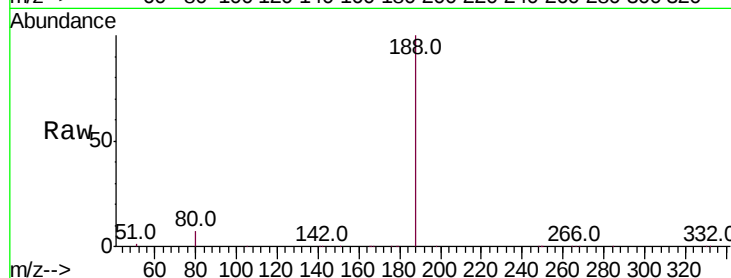
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:188 Resp: 31420

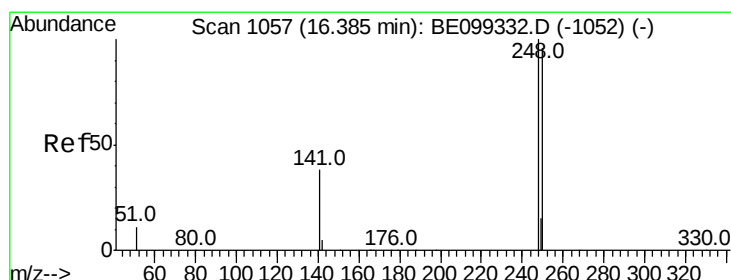
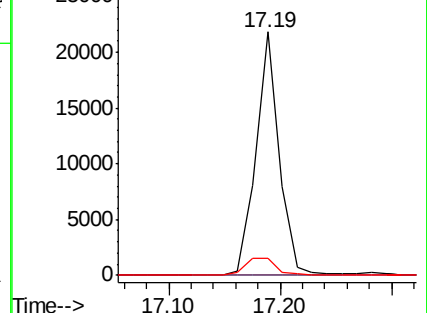
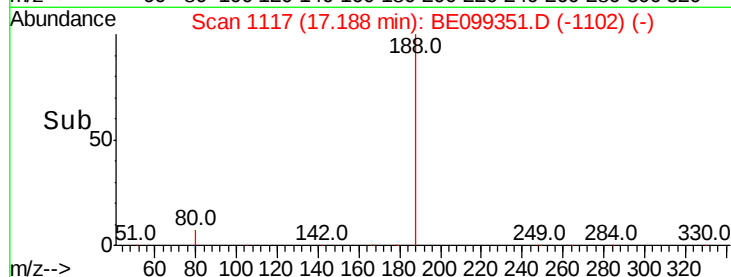
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	6.2	9.4



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: 0.446 ng

RT: 16.39 min Scan# 1057

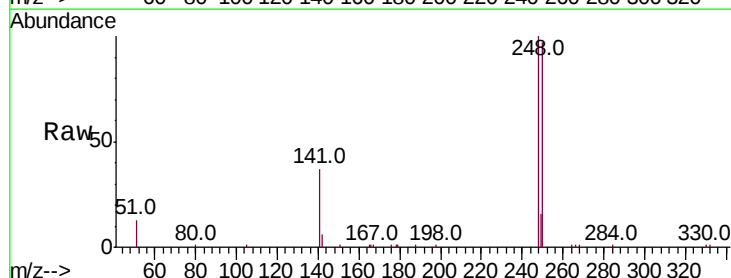
Delta R.T. -0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

Tgt Ion:248 Resp: 7761

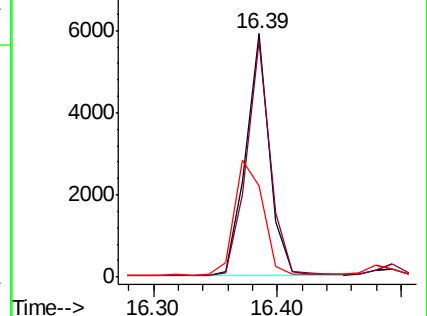
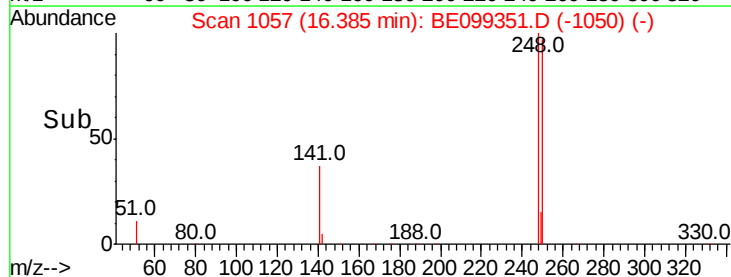
Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.0	115.6
141	37.3	31.1	46.7

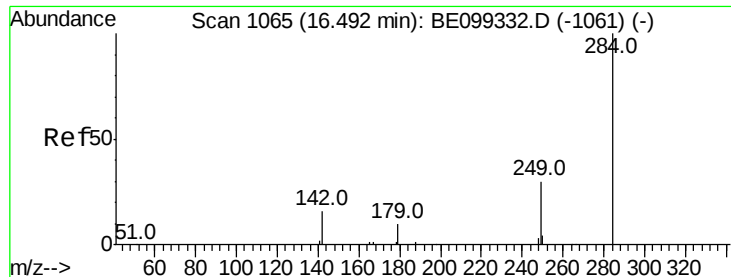


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.464 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

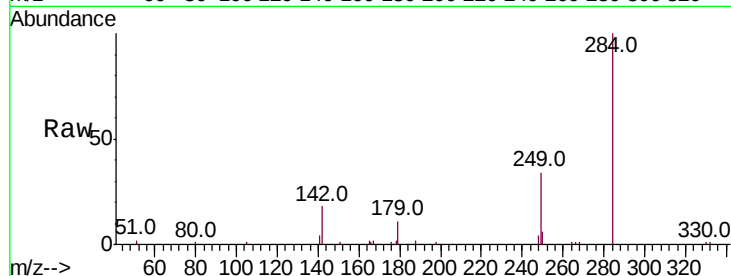
Tot Ion:284 Resp: 7758

Ion Ratio Lower Upper

284 100

142 28.5 21.8 32.6

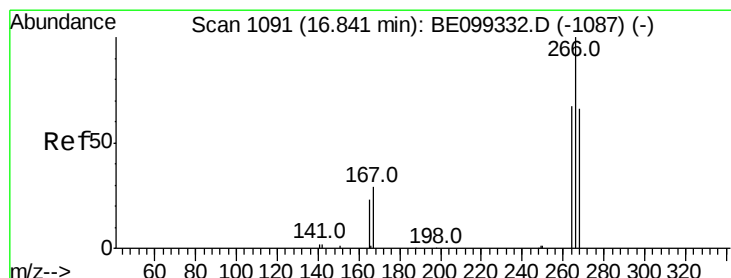
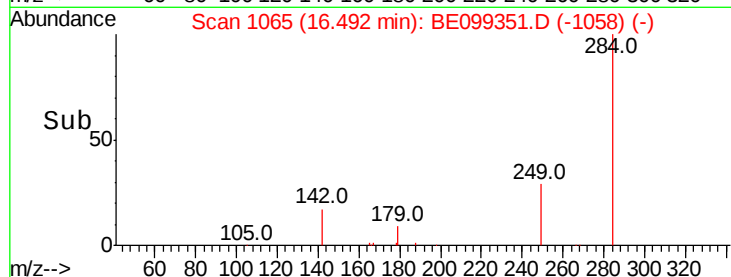
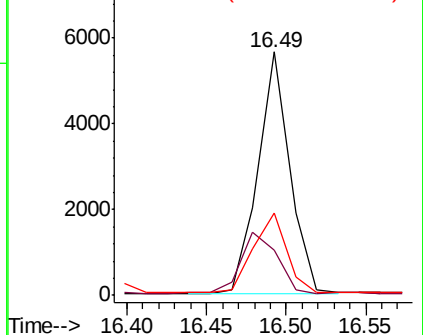
249 34.7 26.2 39.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.514 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

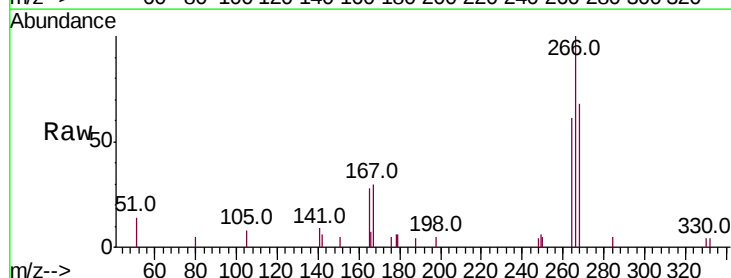
Tgt Ion:266 Resp: 1986

Ion Ratio Lower Upper

266 100

264 61.3 54.5 81.7

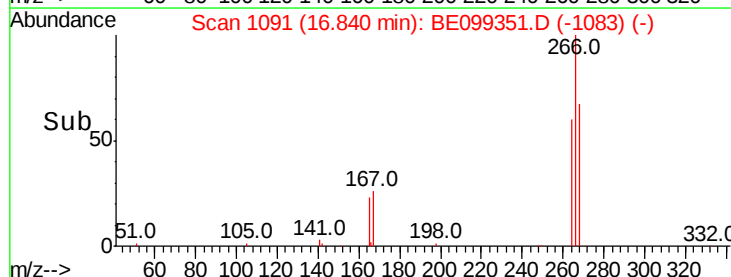
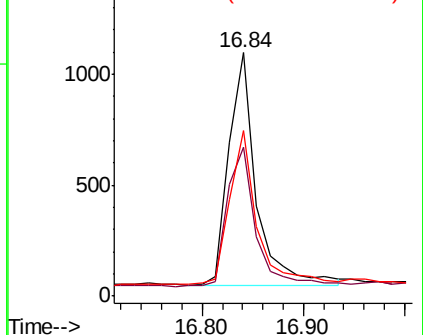
268 68.0 54.3 81.5

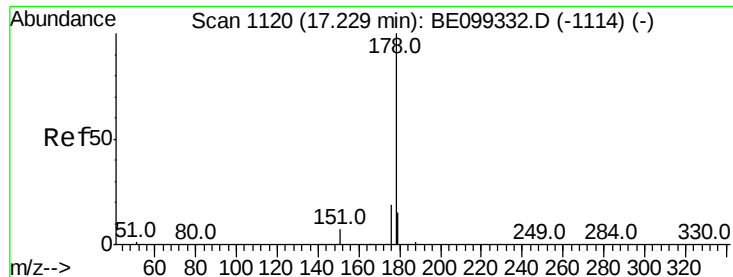


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.458 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

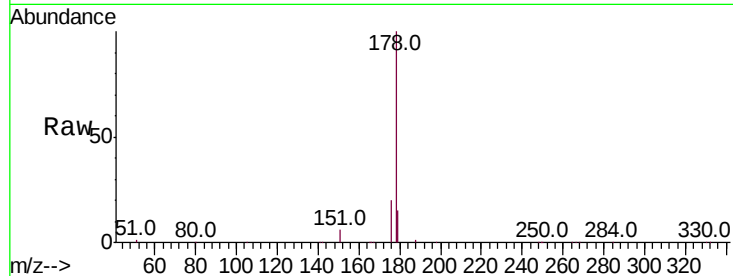
Tot Ion:178 Resp: 38097

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

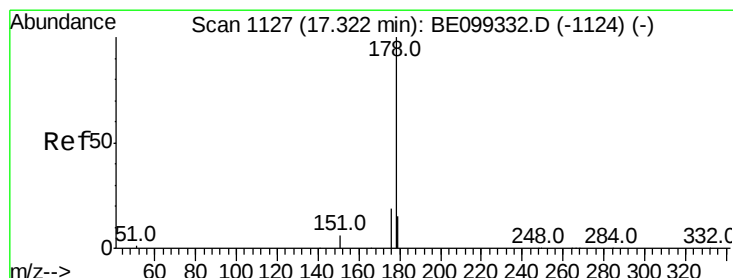
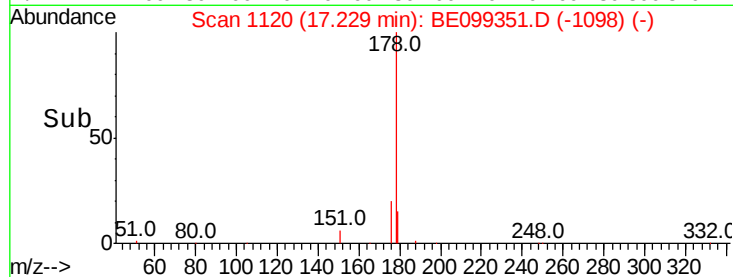
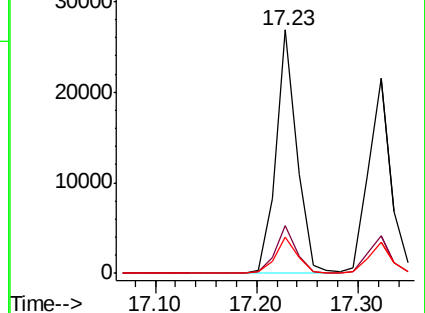
179 15.0 12.4 18.6



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: 0.439 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

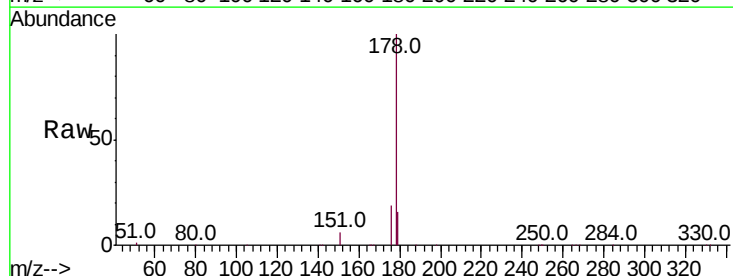
Tgt Ion:178 Resp: 32518

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

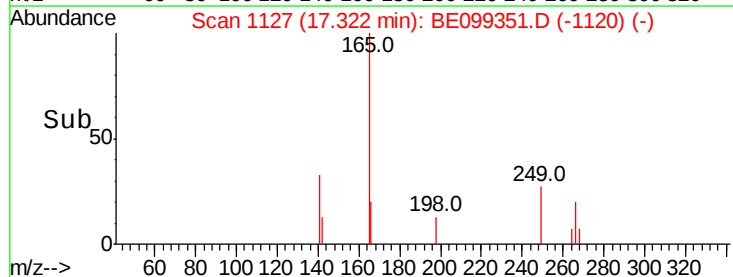
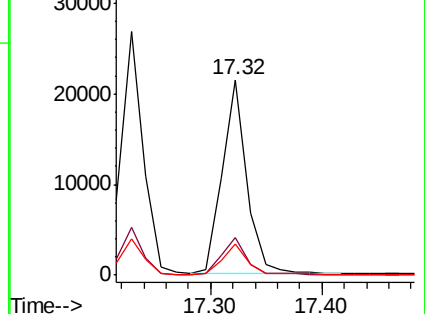
179 15.4 11.9 17.9

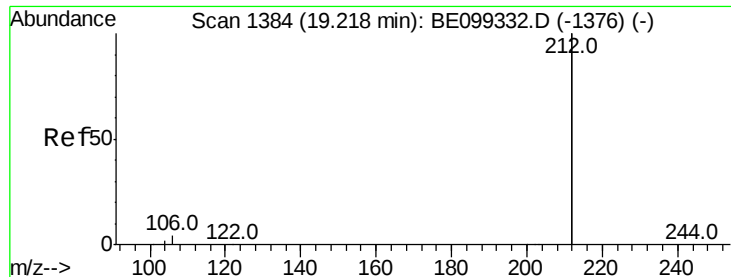


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.455 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

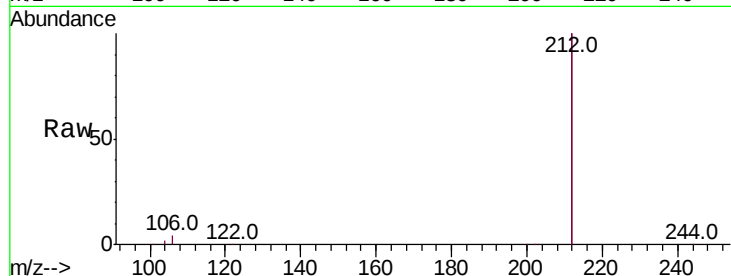
Tot Ion:212 Resp: 171906

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.6

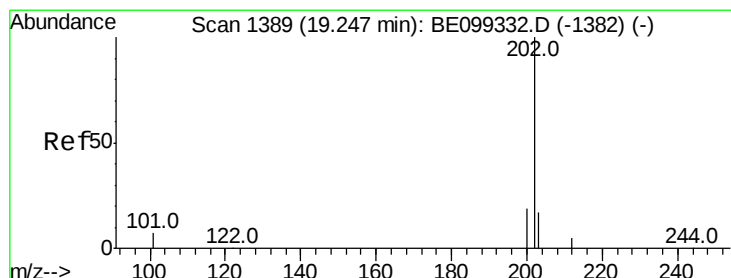
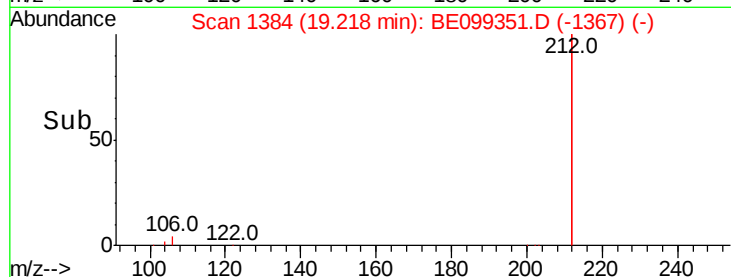
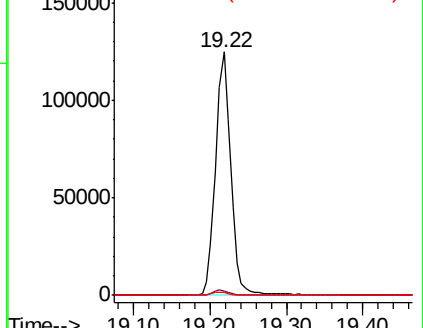
104 1.2 1.0 1.4



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: 0.459 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

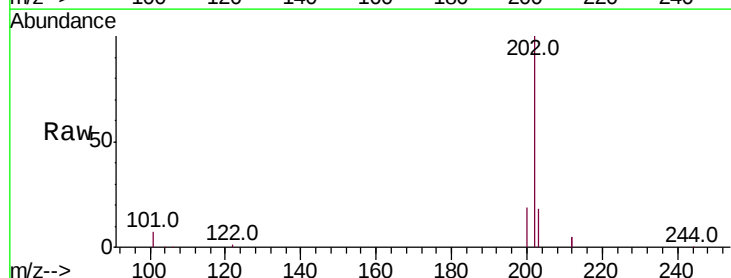
Tgt Ion:202 Resp: 51163

Ion Ratio Lower Upper

202 100

101 7.8 6.4 9.6

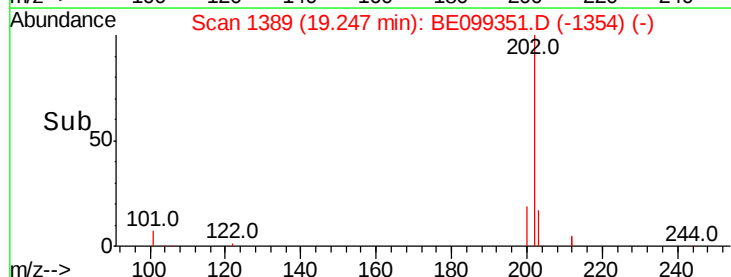
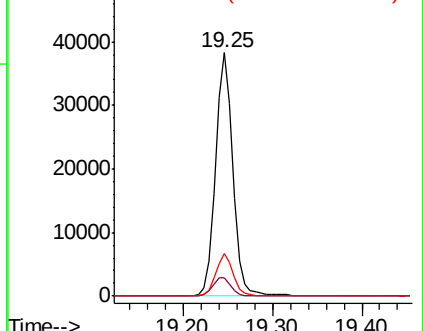
203 17.0 13.5 20.3

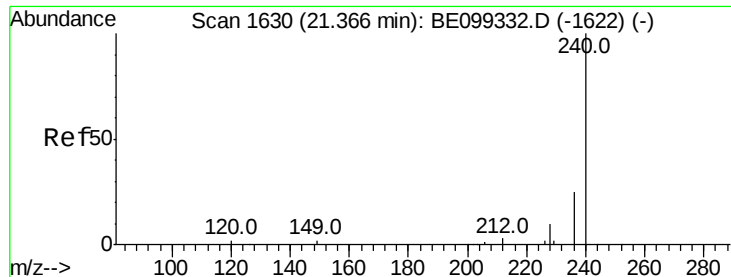


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

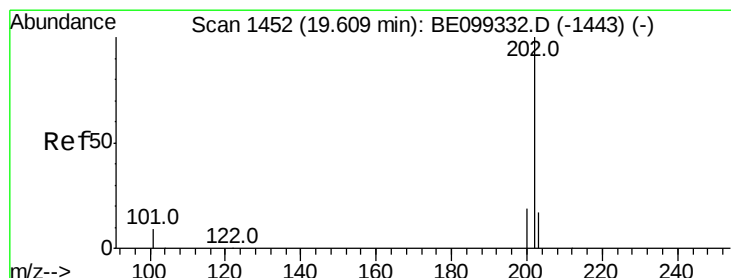
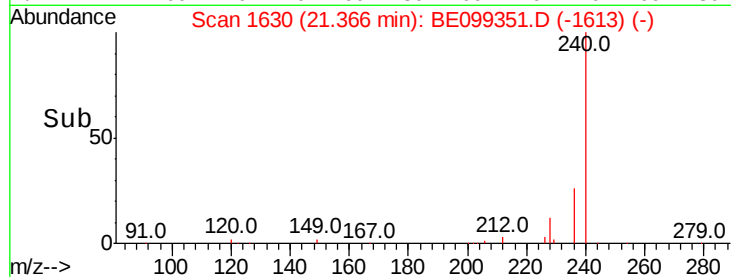
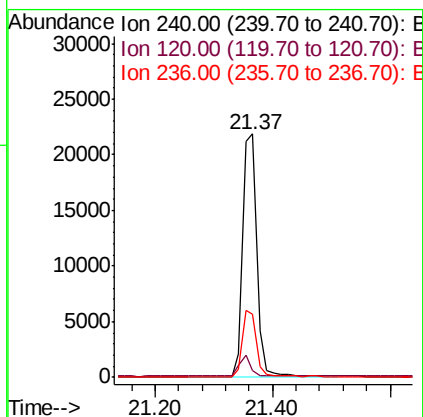
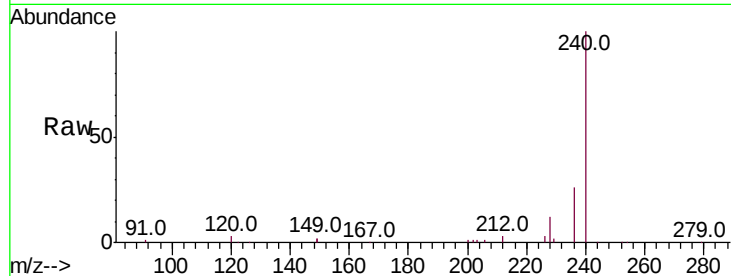




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BE099351.D
 Acq: 19 Apr 2019 16:23

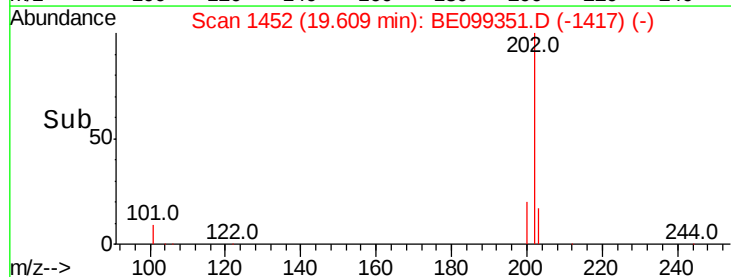
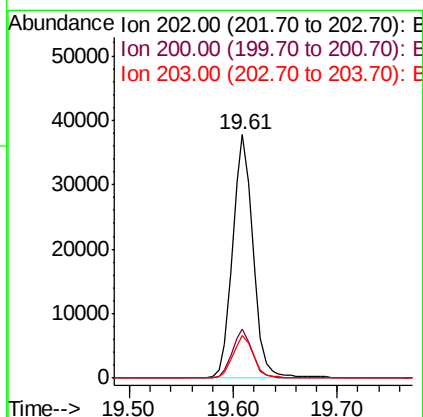
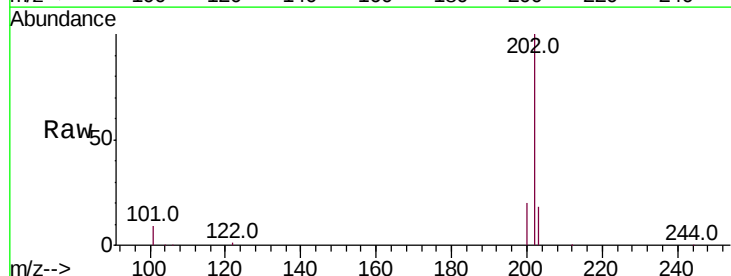
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

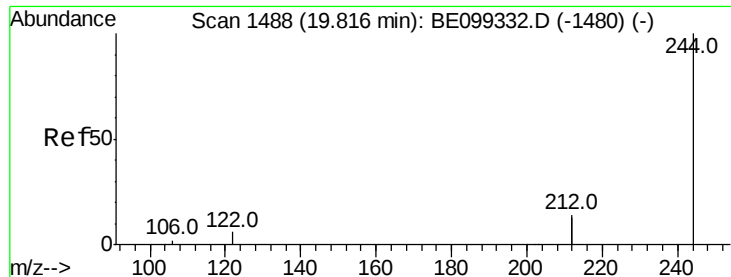
Tot Ion:240 Resp: 37110
 Ion Ratio Lower Upper
 240 100
 120 2.9 2.2 3.2
 236 25.7 20.2 30.4



#28
 Pyrene
 Concen: 0.470 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BE099351.D
 Acq: 19 Apr 2019 16:23

Tgt Ion:202 Resp: 51364
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.7 23.5
 203 17.5 13.7 20.5





#29

Terphenyl-d14

Concen: 0.480 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

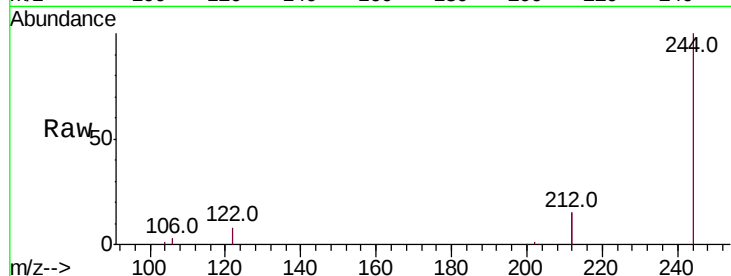
Tot Ion:244 Resp: 35047

Ion Ratio Lower Upper

244 100

212 30.7 22.6 33.8

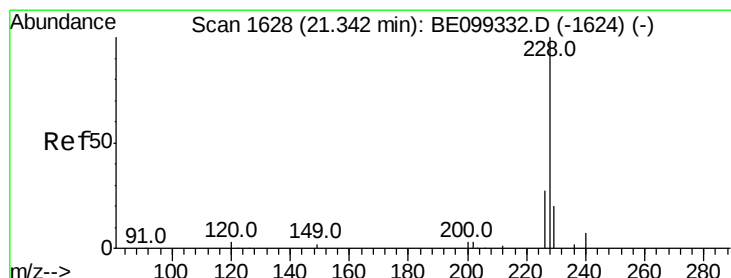
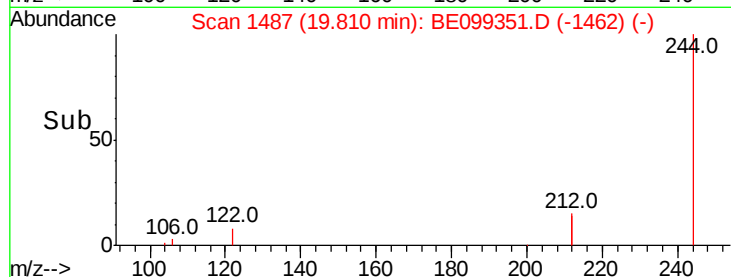
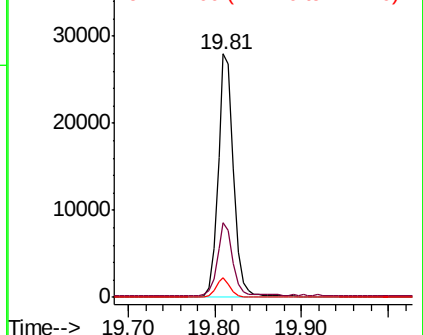
122 7.8 4.6 7.0#



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: 0.454 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

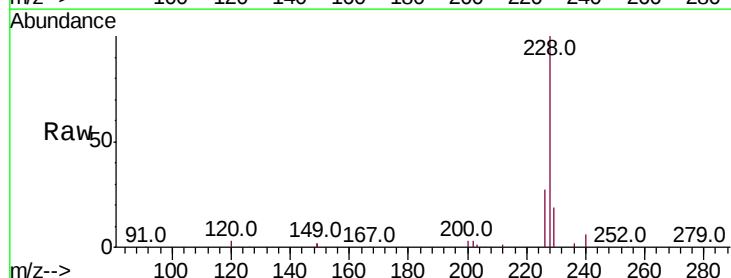
Tgt Ion:228 Resp: 49511

Ion Ratio Lower Upper

228 100

226 27.5 22.0 33.0

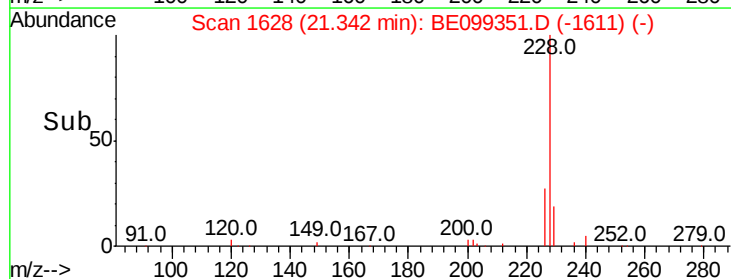
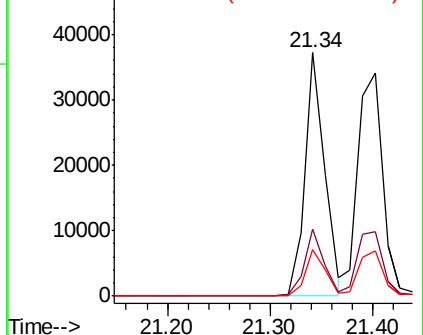
229 19.3 15.8 23.8

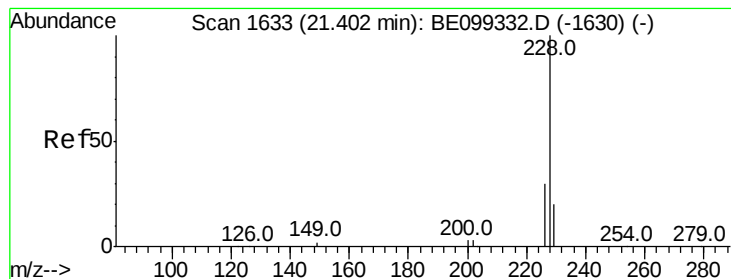


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.483 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

Instrument :

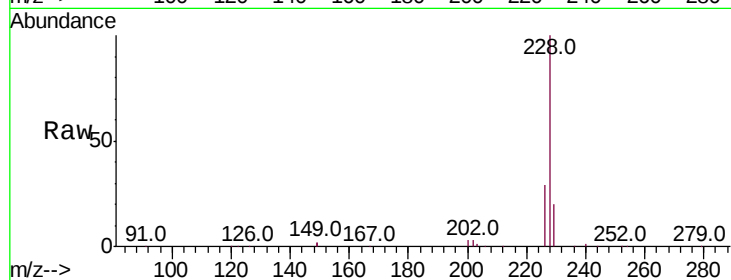
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 56106

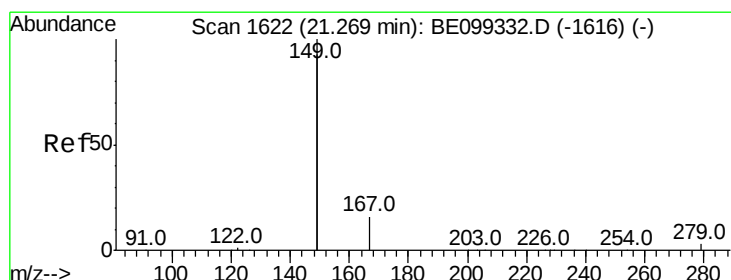
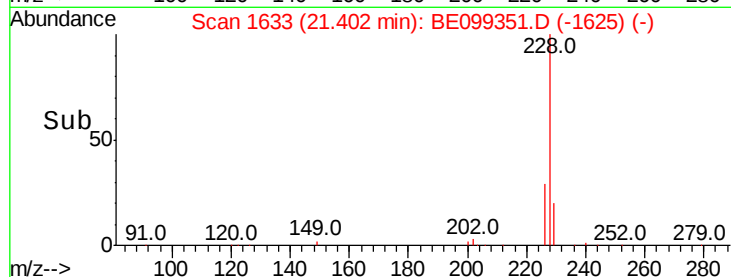
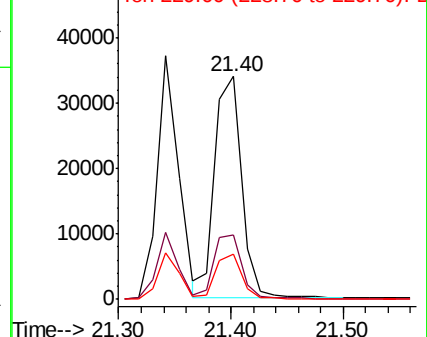
Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	20.2	16.2	24.2



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.438 ng

RT: 21.27 min Scan# 1622

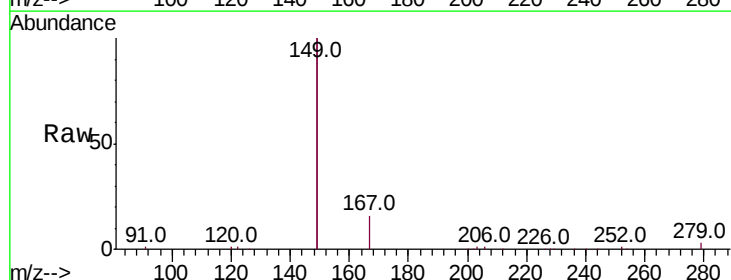
Delta R.T. 0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

Tgt Ion:149 Resp: 43449

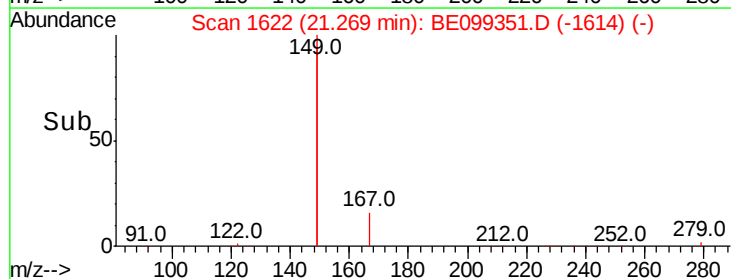
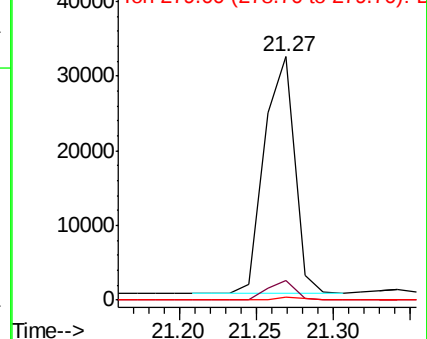
Ion	Ratio	Lower	Upper
149	100		
167	7.5	6.0	9.0
279	1.2	1.1	1.7

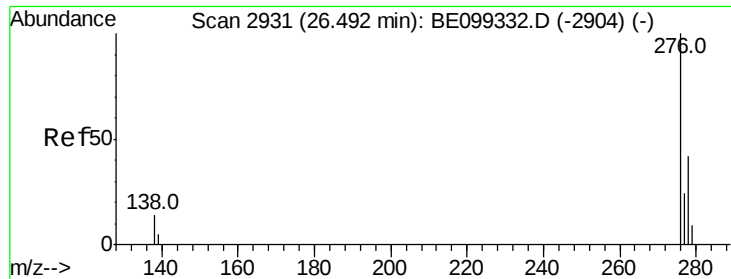


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

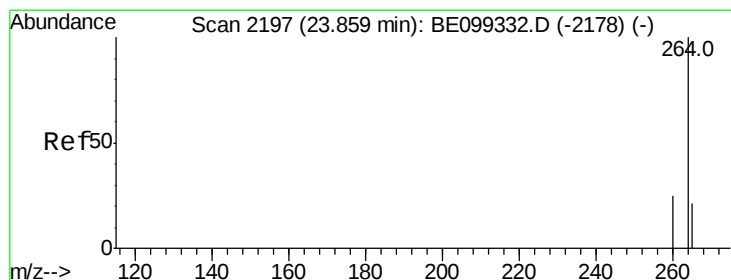
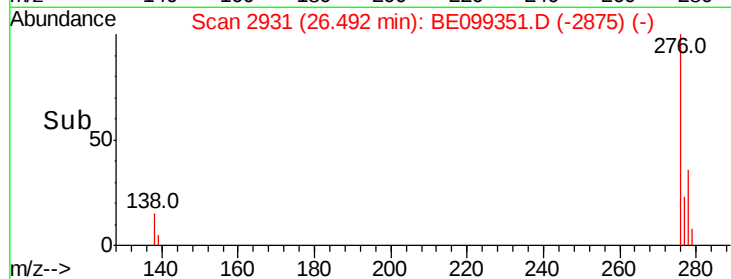
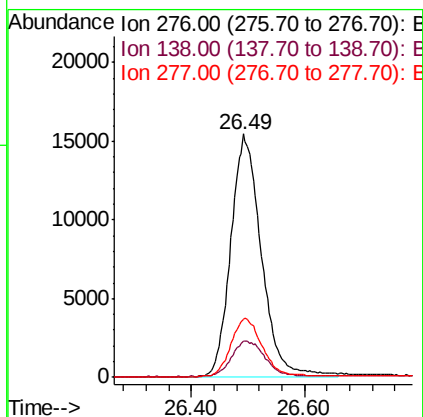
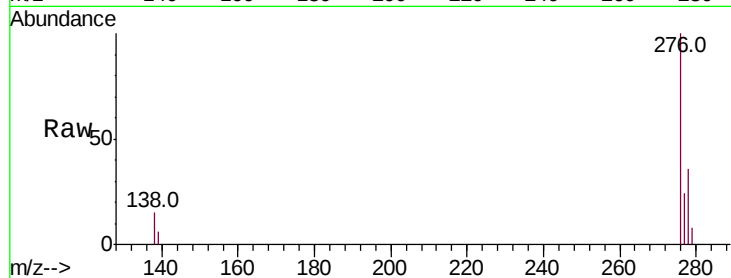




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.501 ng
 RT: 26.49 min Scan# 2931
 Delta R.T. -0.00 min
 Lab File: BE099351.D
 Acq: 19 Apr 2019 16:23

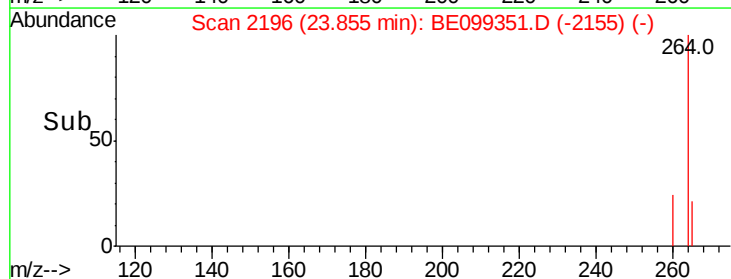
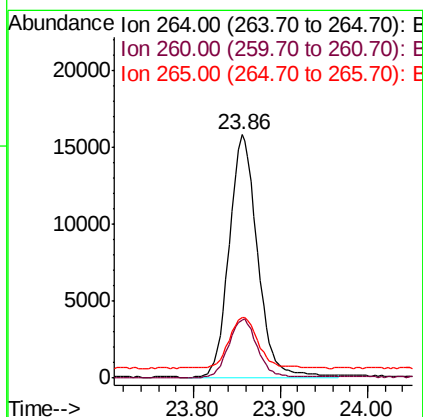
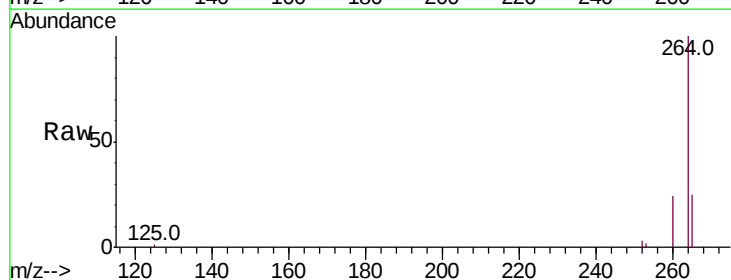
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

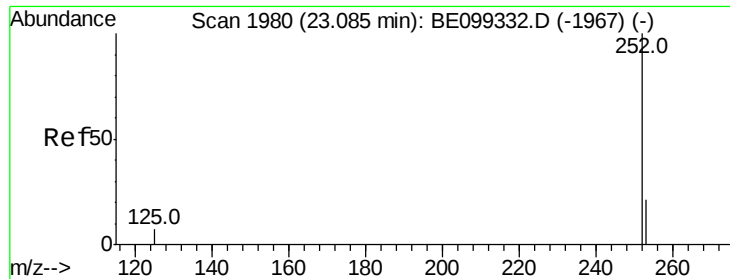
Tot Ion:276 Resp: 57385
 Ion Ratio Lower Upper
 276 100
 138 15.9 12.7 19.1
 277 24.5 19.6 29.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BE099351.D
 Acq: 19 Apr 2019 16:23

Tgt Ion:264 Resp: 35524
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 24.9 19.9 29.9

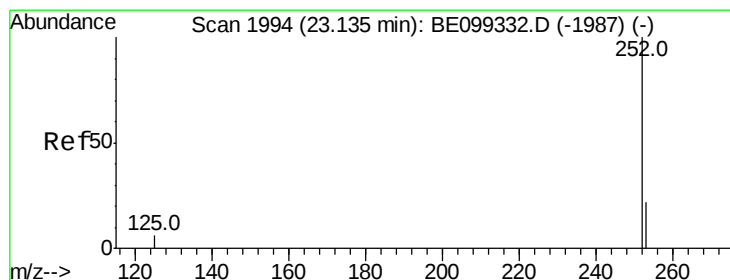
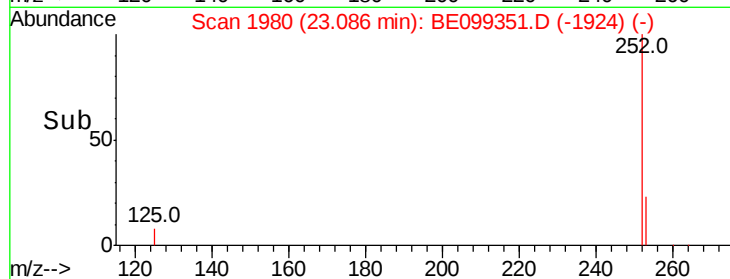
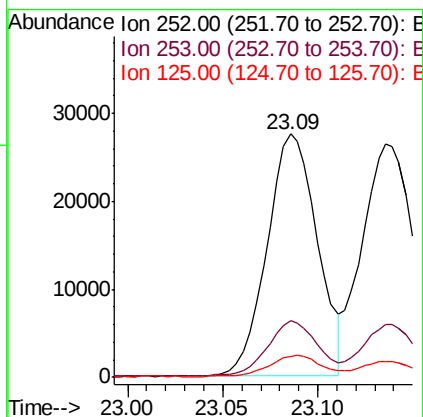
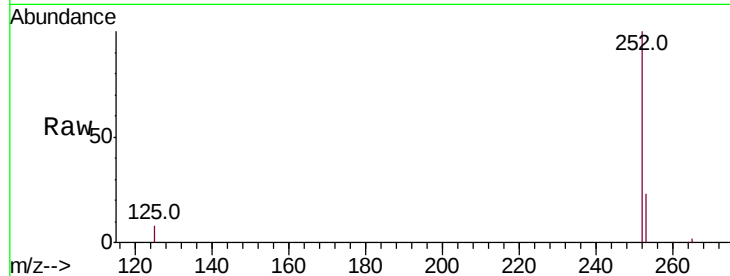




#35
Benzo(b)fluoranthene
Concen: 0.465 ng
RT: 23.09 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BE099351.D
Acq: 19 Apr 2019 16:23

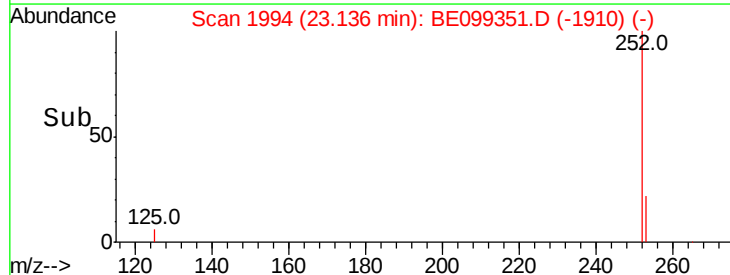
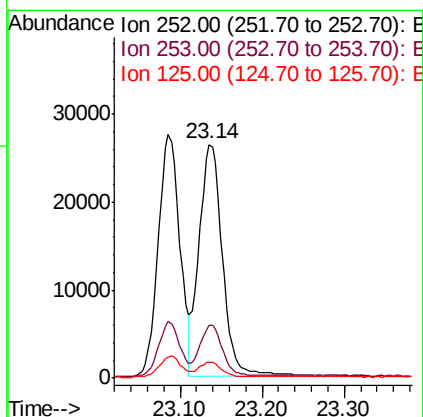
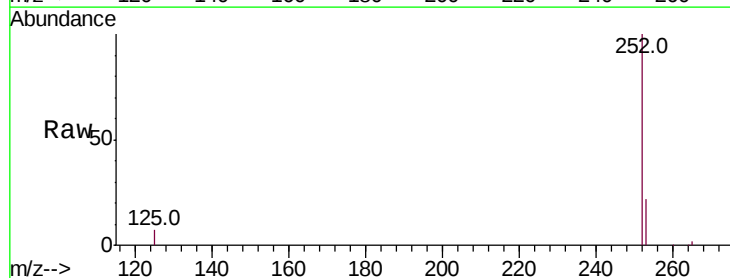
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

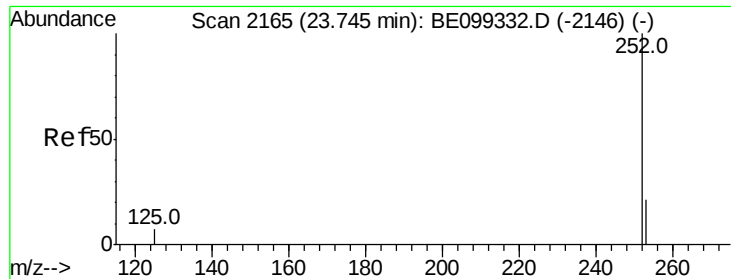
Tot Ion:252 Resp: 50536
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 8.5 5.8 8.6



#36
Benzo(k)fluoranthene
Concen: 0.483 ng
RT: 23.14 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BE099351.D
Acq: 19 Apr 2019 16:23

Tgt Ion:252 Resp: 52361
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 6.6 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.471 ng

RT: 23.74 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

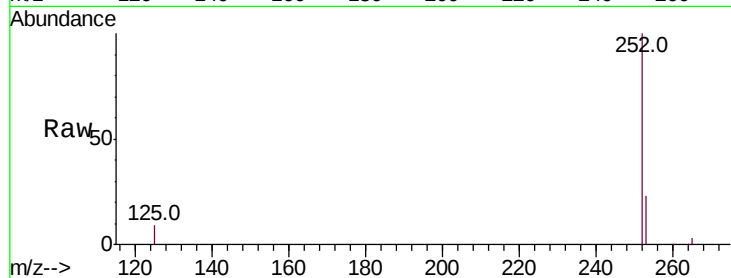
Tot Ion:252 Resp: 45915

Ion Ratio Lower Upper

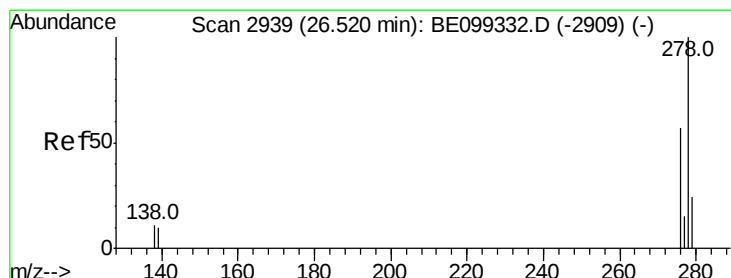
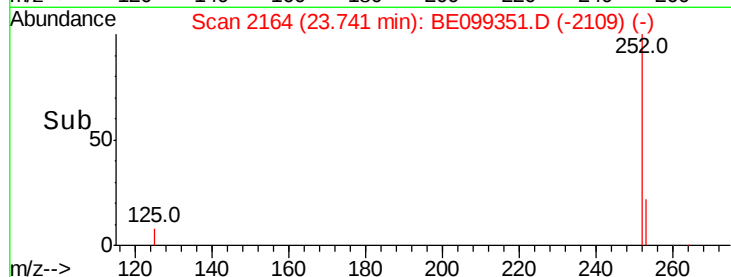
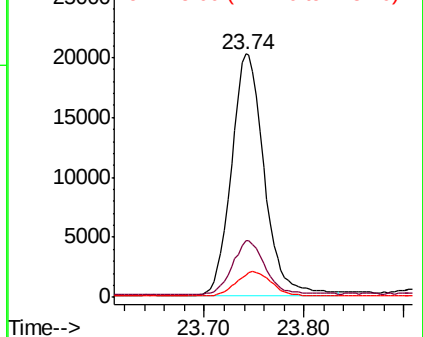
252 100

253 23.1 17.6 26.4

125 8.9 6.5 9.7



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



#38

Dibenzo(a,h)anthracene

Concen: 0.471 ng

RT: 26.52 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

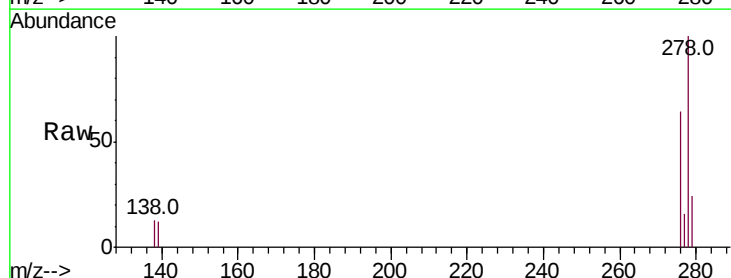
Tgt Ion:278 Resp: 46912

Ion Ratio Lower Upper

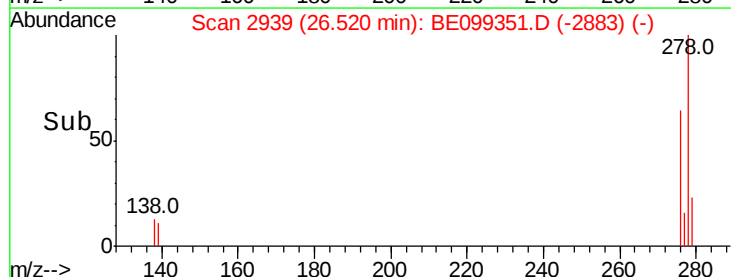
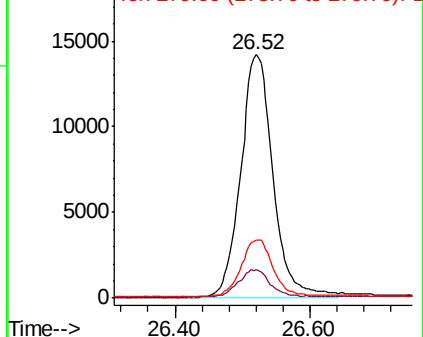
278 100

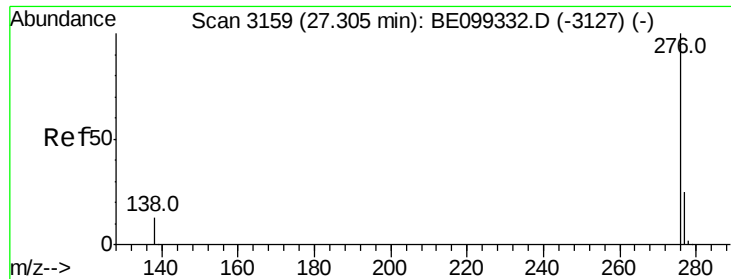
139 11.8 8.5 12.7

279 23.9 19.8 29.8



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(a,h,i)perylene

Concen: 0.466 ng

RT: 27.31 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BE099351.D

Acq: 19 Apr 2019 16:23

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

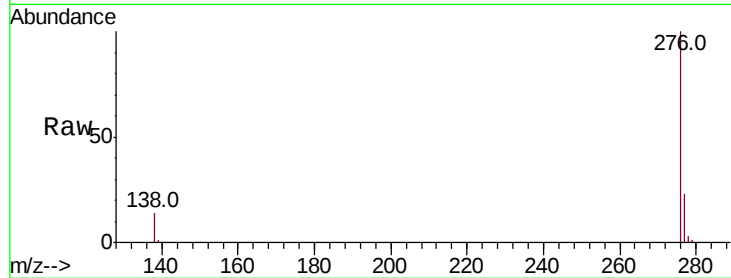
Tot Ion:276 Resp: 47012

Ion Ratio Lower Upper

276 100

277 23.5 20.0 30.0

138 13.8 11.1 16.7



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

