

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099927.D
 Acq On : 11 Jun 2019 16:57
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 12 03:43:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	736	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	2753	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	2295	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	7744	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	9395	0.40	ng	-0.04
34) Perylene-d12	23.86	264	10784	0.40	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	689	0.35	ng	0.00
5) Phenol-d6	6.97	99	970	0.38	ng	0.00
8) Nitrobenzene-d5	8.96	82	927	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	1955	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	491	0.29	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	3290	0.38	ng	-0.03
25) Fluoranthene-d10	19.21	212	39262	0.35	ng	-0.04
29) Terphenyl-d14	19.82	244	7485	0.44	ng	-0.03

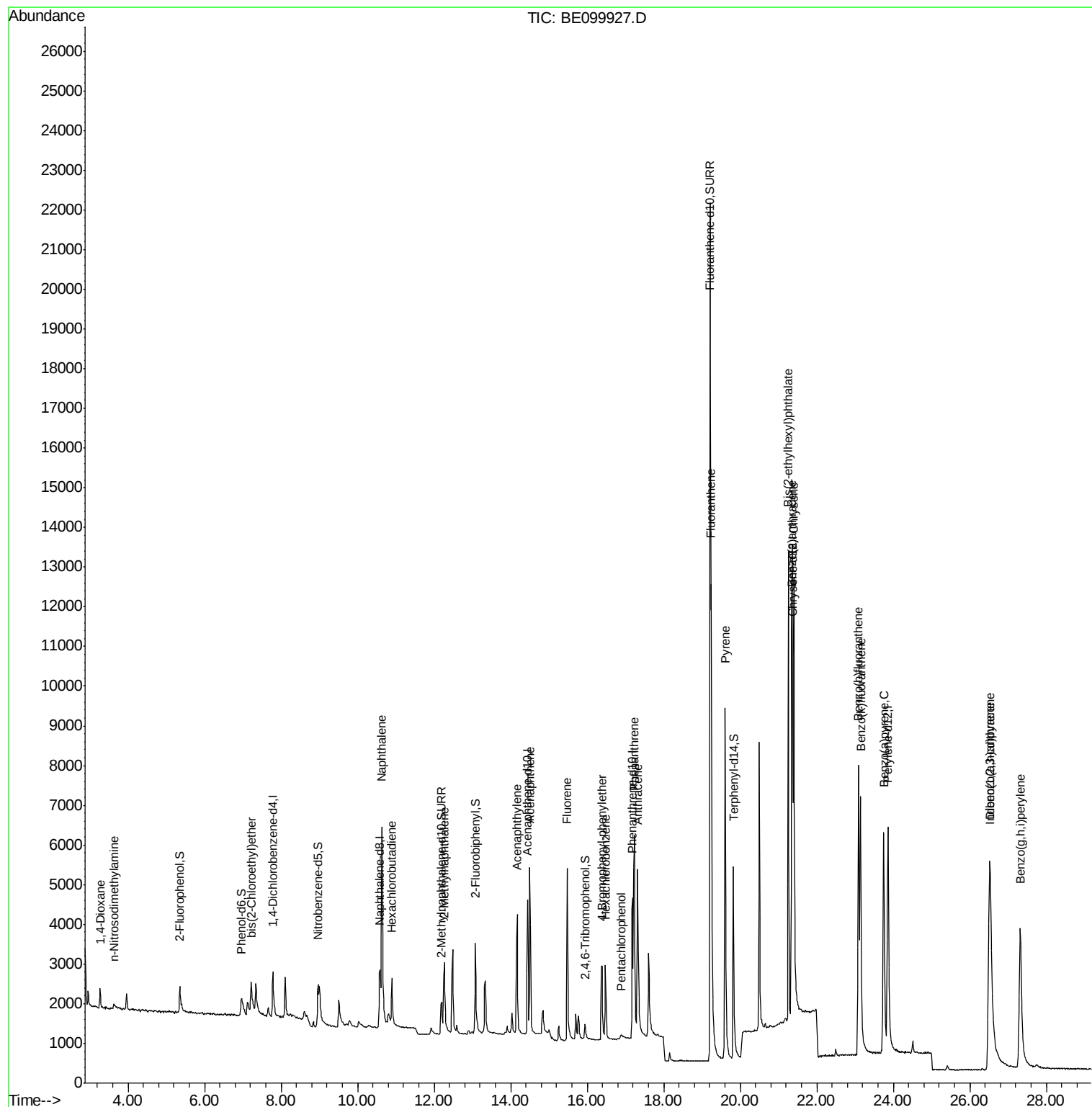
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	381	0.350	ng	96
3) n-Nitrosodimethylamine	3.64	42	131	0.209	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	813	0.389	ng	# 66
9) Naphthalene	10.63	128	12226	0.411	ng	99
10) Hexachlorobutadiene	10.90	225	945	0.417	ng	98
12) 2-Methylnaphthalene	12.27	142	1962	0.406	ng	98
16) Acenaphthylene	14.17	152	4442	0.389	ng	100
17) Acenaphthene	14.50	154	2328	0.374	ng	99
18) Fluorene	15.47	166	3659	0.392	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	1692	0.386	ng	92
21) Hexachlorobenzene	16.48	284	1801	0.402	ng	99
22) Pentachlorophenol	16.88	266	248	0.415	ng	98
23) Phenanthrene	17.23	178	7135	0.380	ng	99
24) Anthracene	17.32	178	6029	0.350	ng	99
26) Fluoranthene	19.24	202	11297	0.354	ng	99
28) Pyrene	19.60	202	11518	0.467	ng	100
30) Benzo(a)anthracene	21.34	228	11563	0.412	ng	99
31) Chrysene	21.40	228	12267	0.423	ng	99
32) Bis(2-ethylhexyl)phthalate	21.26	149	14085	0.350	ng	100
33) Indeno(1,2,3-cd)pyrene	26.51	276	14200	0.412	ng	100
35) Benzo(b)fluoranthene	23.09	252	11477	0.380	ng	98
36) Benzo(k)fluoranthene	23.14	252	12333	0.390	ng	99
37) Benzo(a)pyrene	23.75	252	11815	0.397	ng	# 96
38) Dibenzo(a,h)anthracene	26.54	278	10804	0.360	ng	95
39) Benzo(g,h,i)perylene	27.32	276	12270	0.396	ng	99

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

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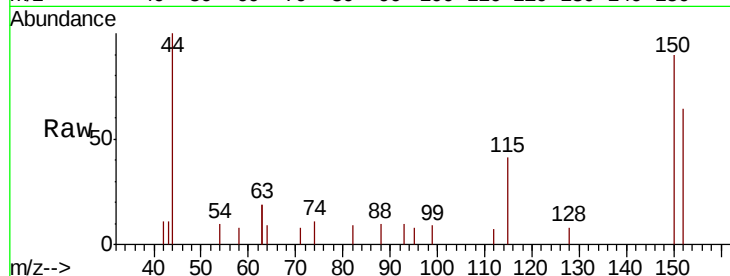


#1

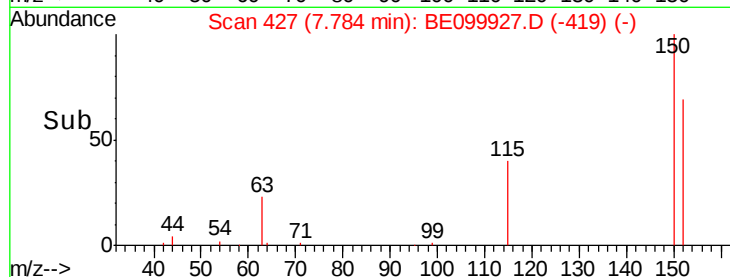
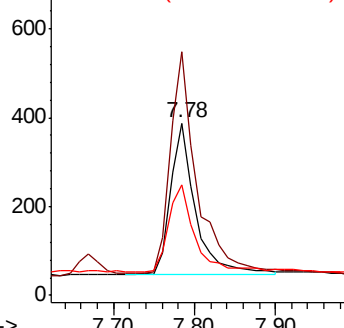
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 736
Ion Ratio Lower Upper
152 100
150 141.2 111.0 166.6
115 64.2 50.7 76.1



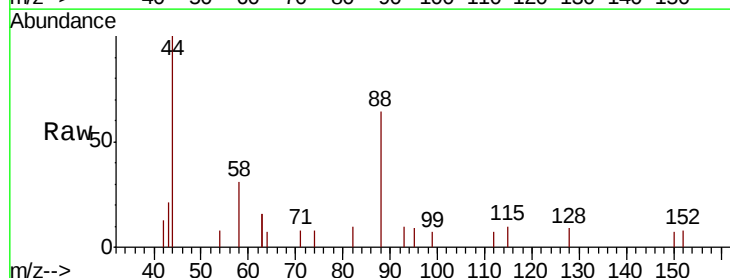
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



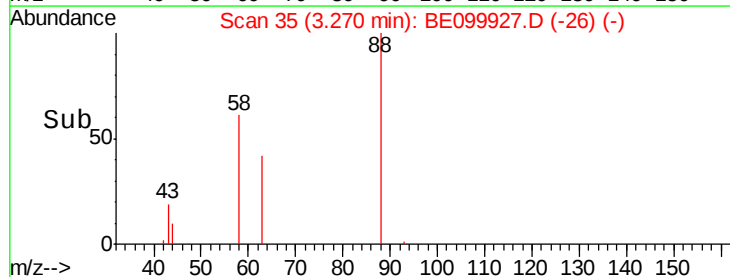
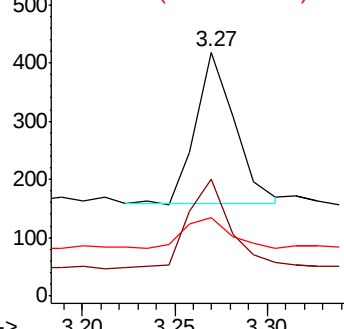
#2

1,4-Dioxane
Concen: 0.350 ng
RT: 3.27 min Scan# 35
Delta R.T. 0.00 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion: 88 Resp: 381
Ion Ratio Lower Upper
88 100
58 65.4 48.8 73.2
43 24.4 19.0 28.6



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: 0.209 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.03 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

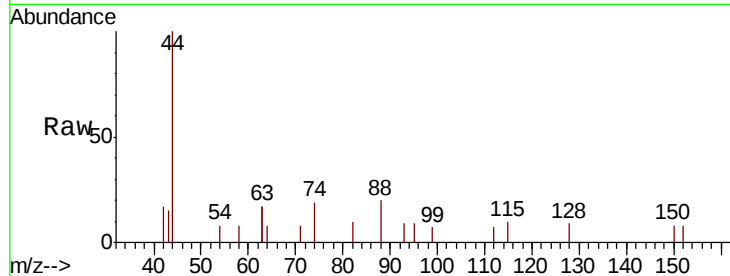
Tgt Ion: 42 Resp: 131

Ion Ratio Lower Upper

42 100

74 132.8 0.0 0.0#

44 0.0 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

800

600

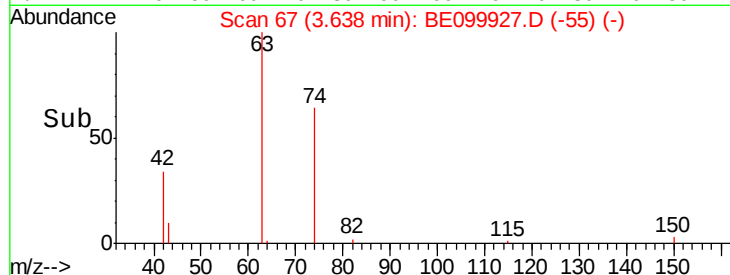
400

200

0

3.50 3.55 3.60 3.65

Time-->



#4

2-Fluorophenol

Concen: 0.347 ng

RT: 5.35 min Scan# 216

Delta R.T. 0.00 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

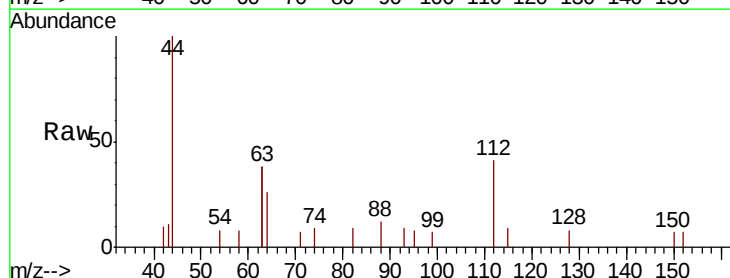
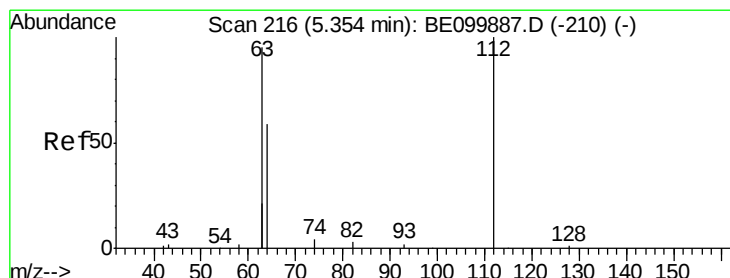
Tgt Ion: 112 Resp: 689

Ion Ratio Lower Upper

112 100

64 60.5 44.1 66.1

63 115.4 87.8 131.6



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

600

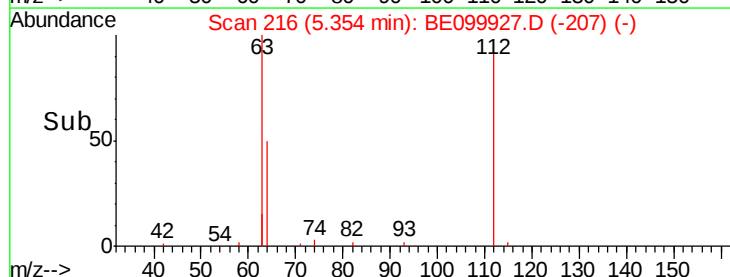
400

200

0

5.20 5.30 5.40 5.50

Time-->





#5

Phenol-d6

Concen: 0.379 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

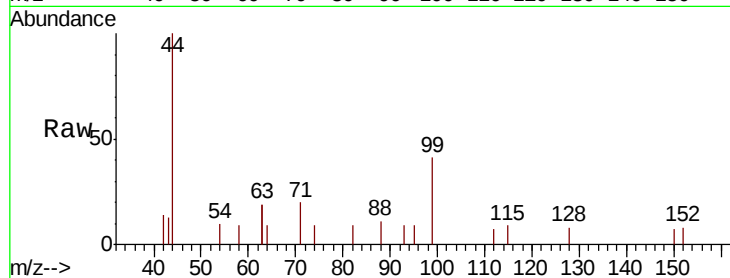
Tgt Ion: 99 Resp: 970

Ion Ratio Lower Upper

99 100

42 14.8 15.9 23.9#

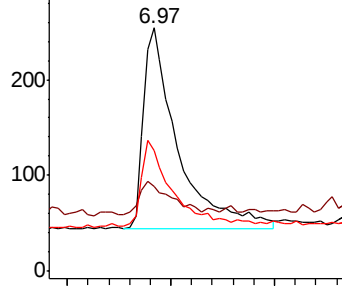
71 36.3 34.6 52.0



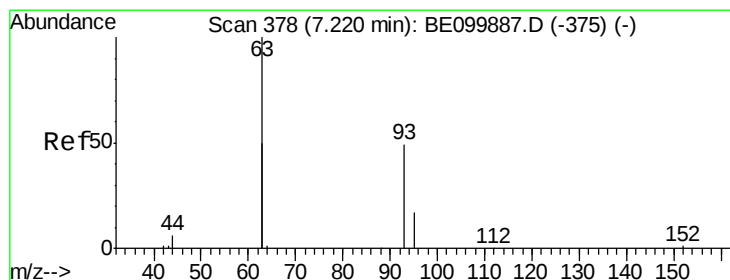
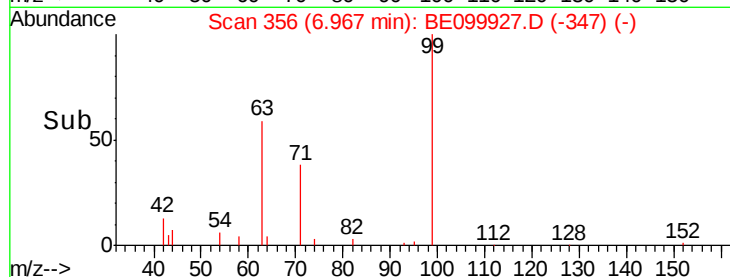
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.80 7.00 7.20



#6

bis(2-Chloroethyl)ether

Concen: 0.389 ng

RT: 7.22 min Scan# 378

Delta R.T. 0.00 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

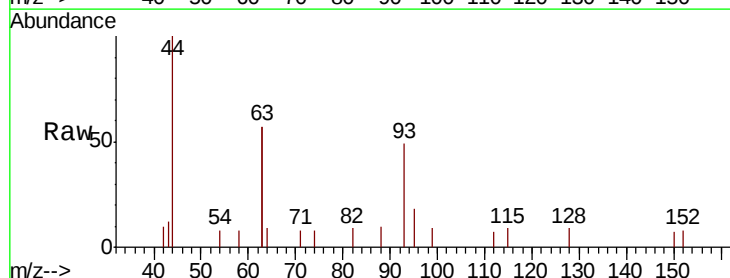
Tgt Ion: 93 Resp: 813

Ion Ratio Lower Upper

93 100

63 187.9 202.8 304.2#

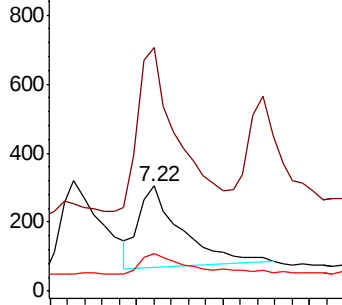
95 27.9 23.7 35.5



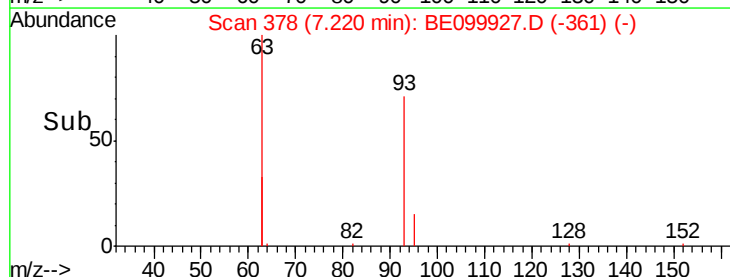
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.10 7.20 7.30 7.40





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

Instrument :

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Tgt Ion: 136 Resp: 2753

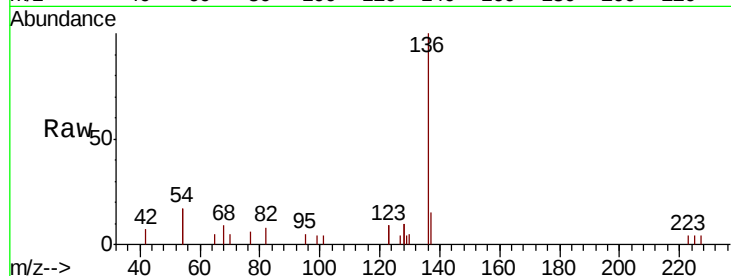
Ion Ratio Lower Upper

136 100

137 15.1 12.3 18.5

54 34.0 28.2 42.4

68 8.7 7.8 11.8

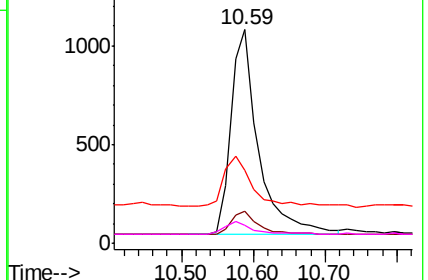
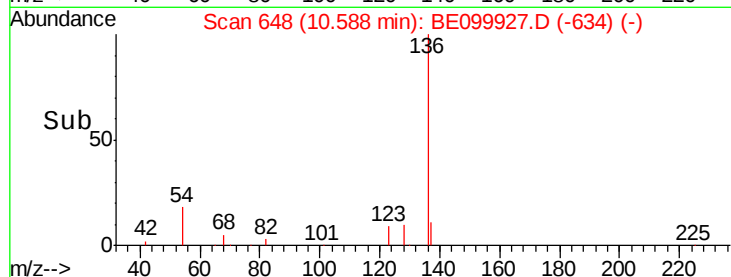


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.356 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

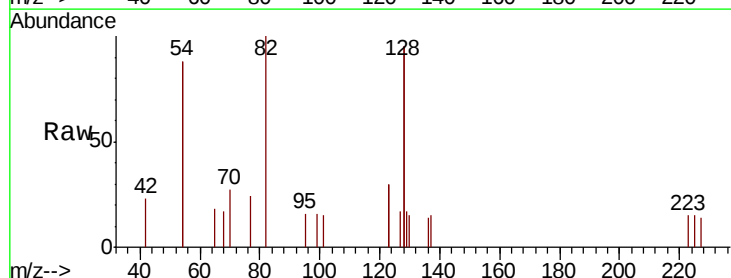
Tgt Ion: 82 Resp: 927

Ion Ratio Lower Upper

82 100

128 190.9 137.3 205.9

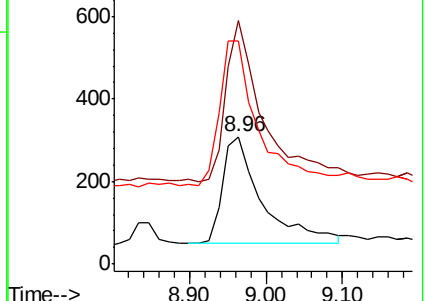
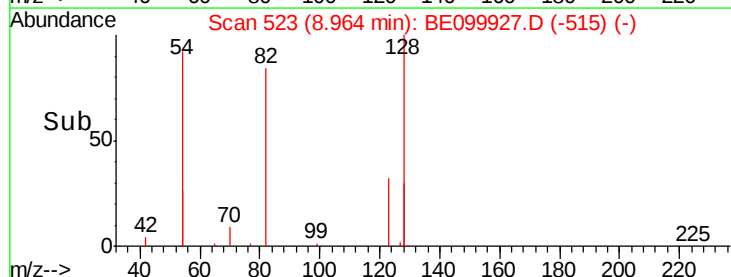
54 175.4 129.7 194.5

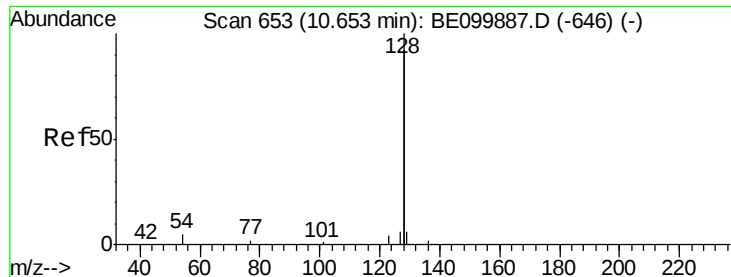


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.411 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.03 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

Instrument :

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ClientSampleId :

SSTDCCC0.4

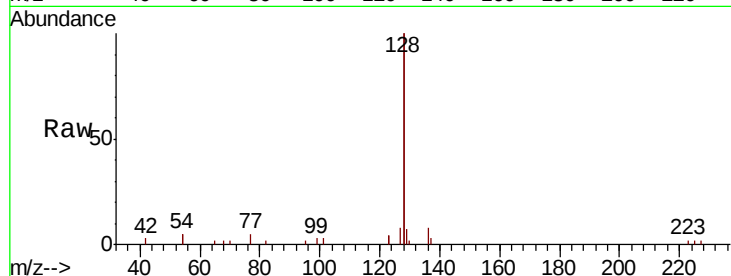
Tgt Ion:128 Resp: 12226

Ion Ratio Lower Upper

128 100

129 3.5 3.0 4.6

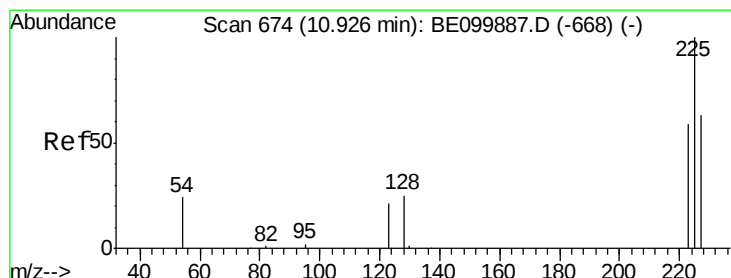
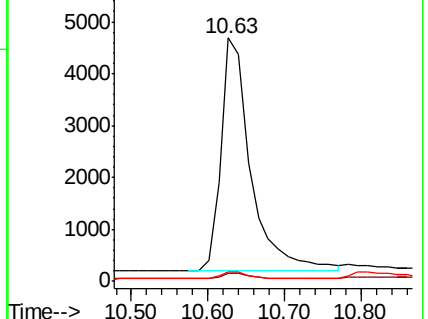
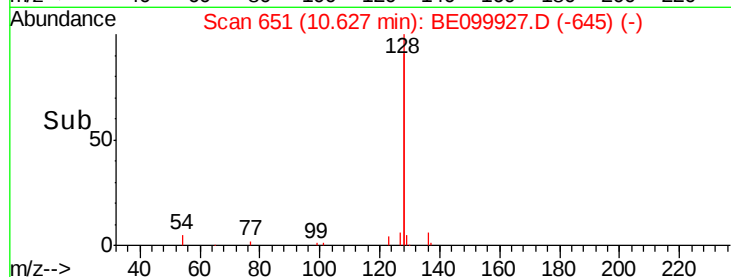
127 4.1 3.4 5.0



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: 0.417 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.03 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

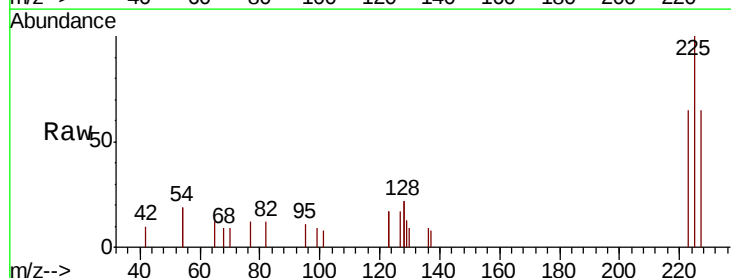
Tgt Ion:225 Resp: 945

Ion Ratio Lower Upper

225 100

223 63.6 51.6 77.4

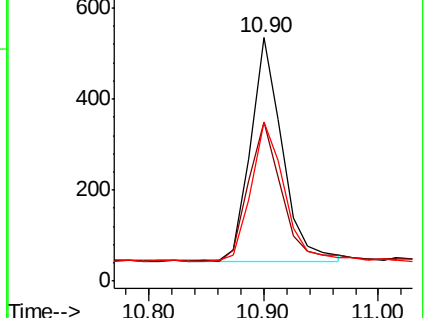
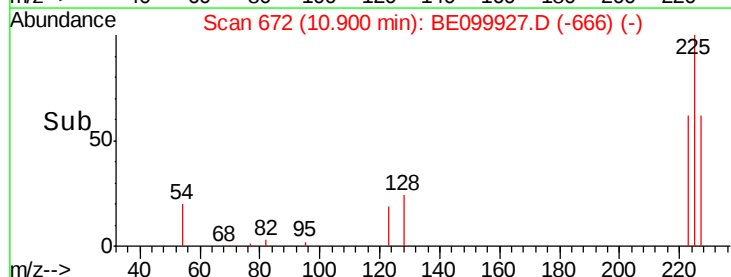
227 65.0 50.6 76.0



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: 0.407 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

Instrument :

BNA_E

ClientSampleId :

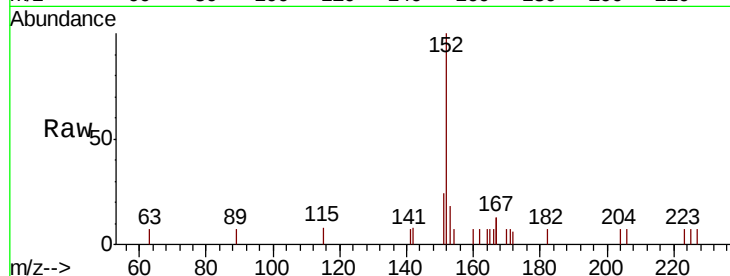
SSTDCCC0.4

Tgt Ion:152 Resp: 1955

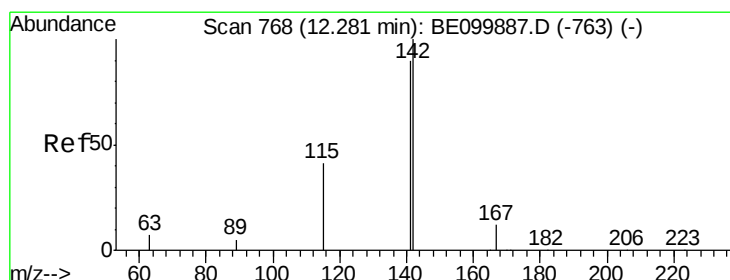
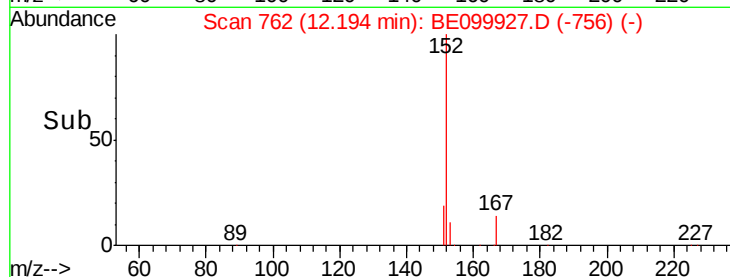
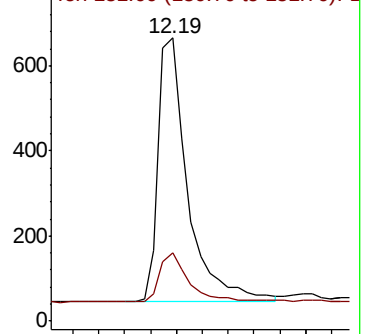
Ion Ratio Lower Upper

152 100

151 18.2 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E



#12

2-Methylnaphthalene

Concen: 0.406 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.01 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

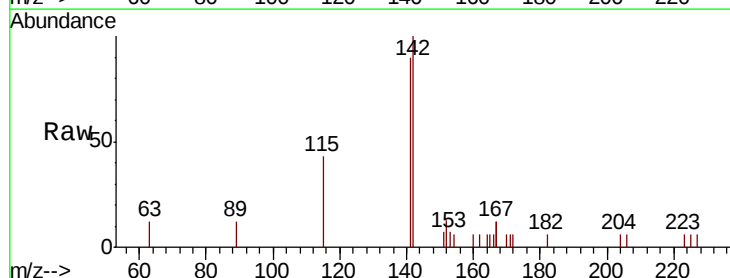
Tgt Ion:142 Resp: 1962

Ion Ratio Lower Upper

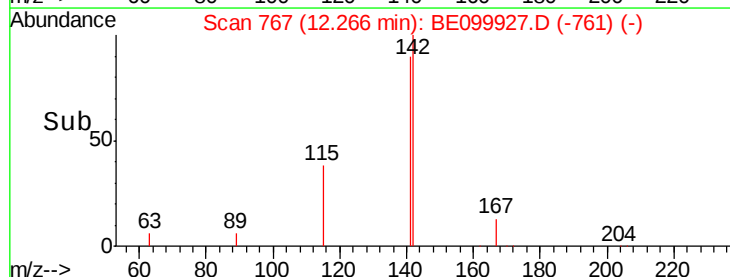
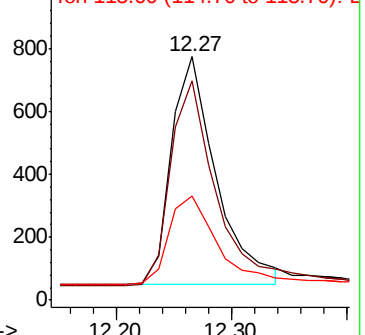
142 100

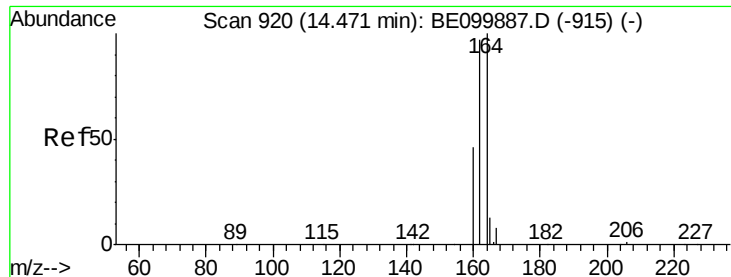
141 90.3 72.3 108.5

115 42.6 36.4 54.6



Abundance Ion 142.00 (141.70 to 142.70): E

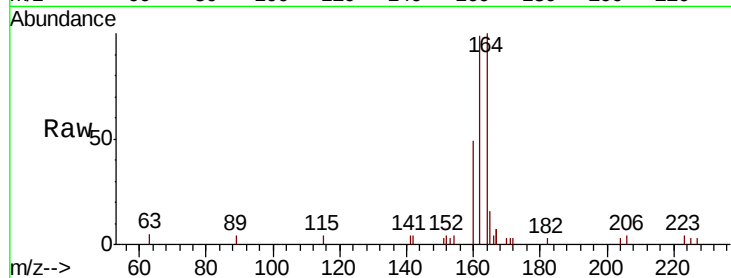




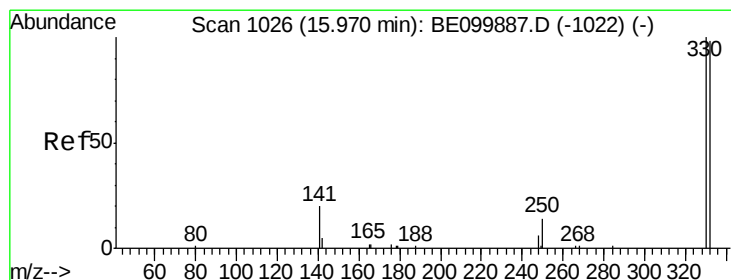
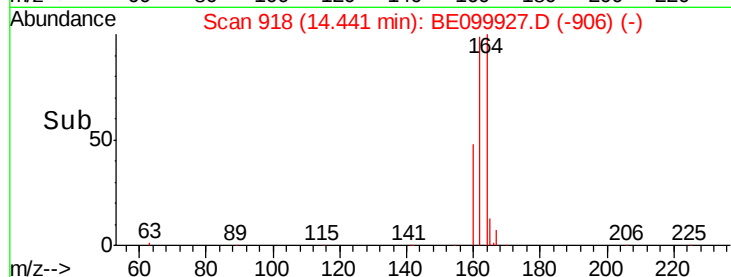
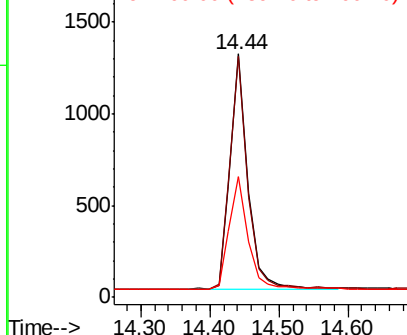
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2295
Ion Ratio Lower Upper
164 100
162 99.1 77.8 116.8
160 49.4 38.2 57.4

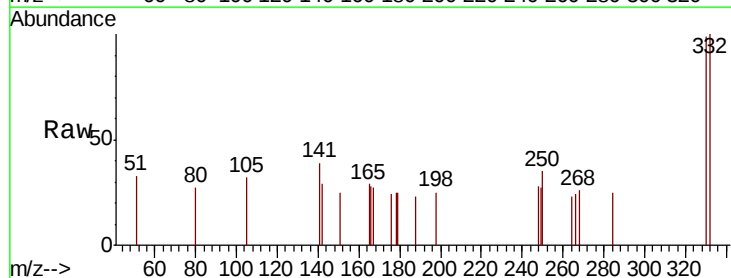


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

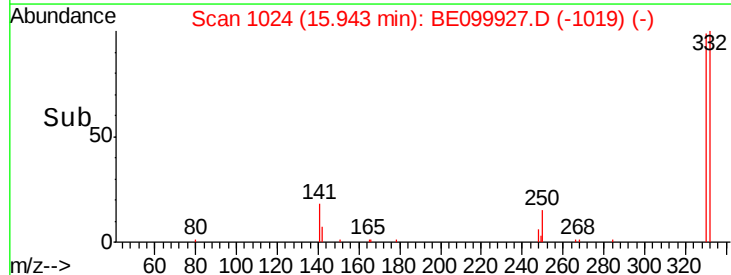
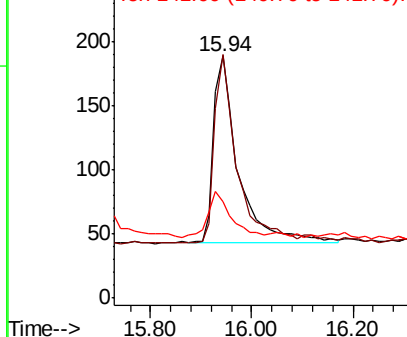


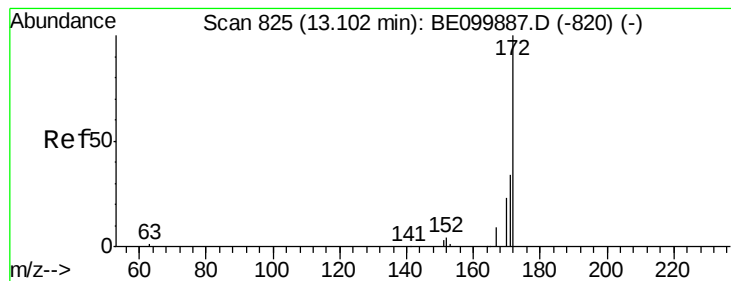
#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:330 Resp: 491
Ion Ratio Lower Upper
330 100
332 91.6 76.7 115.1
141 23.0 21.0 31.6



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: 0.378 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.03 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

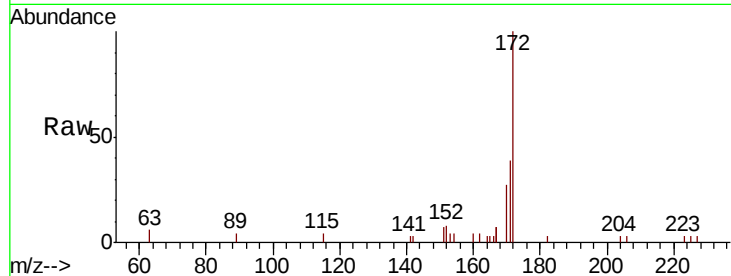
Tgt Ion:172 Resp: 3290

Ion Ratio Lower Upper

172 100

171 38.5 29.2 43.8

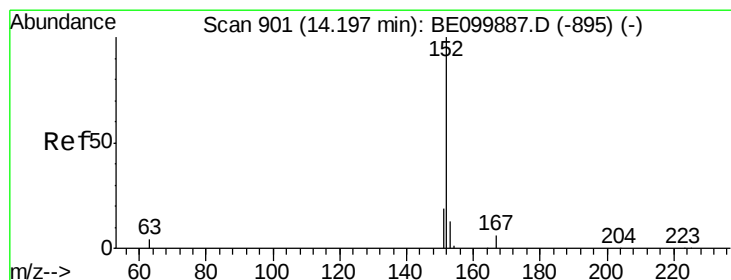
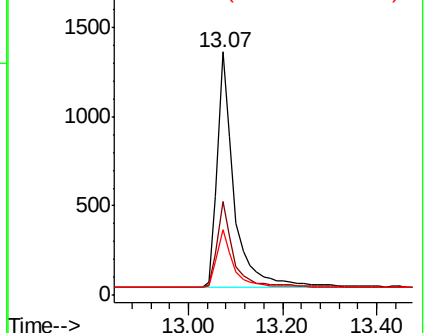
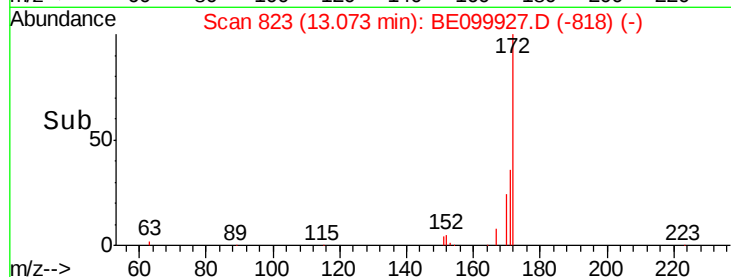
170 26.8 21.2 31.8



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: 0.389 ng

RT: 14.17 min Scan# 899

Delta R.T. -0.03 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

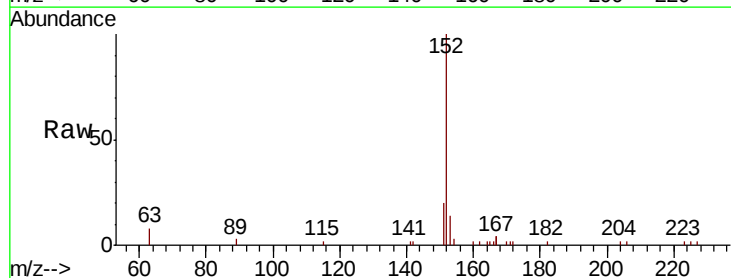
Tgt Ion:152 Resp: 4442

Ion Ratio Lower Upper

152 100

151 19.5 15.5 23.3

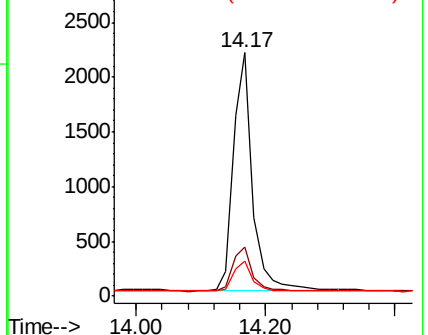
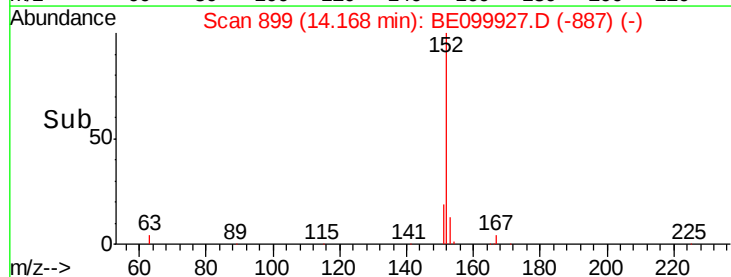
153 12.7 10.2 15.2



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

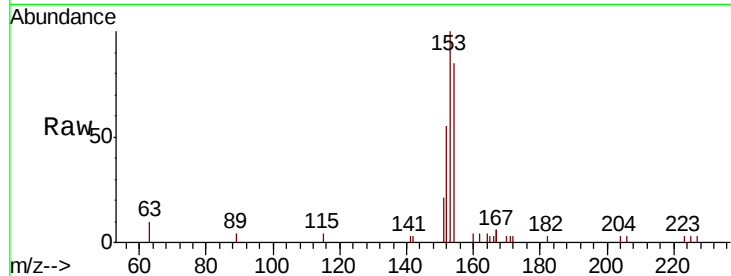




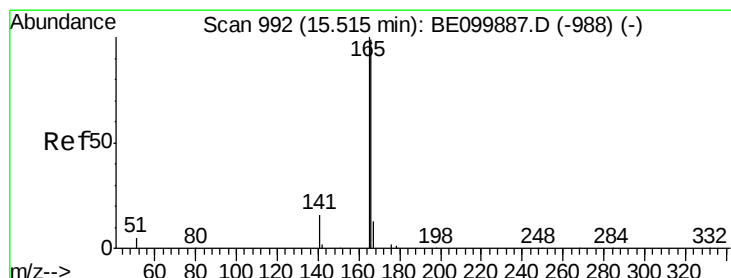
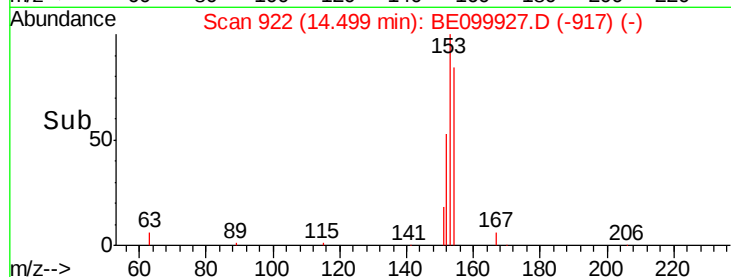
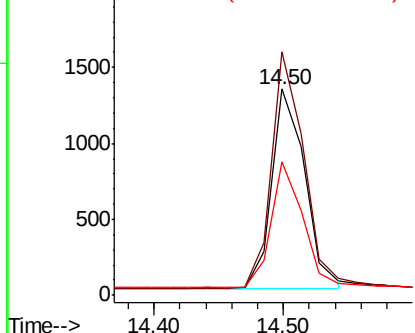
#17
Acenaphthene
Concen: 0.374 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 2328
Ion Ratio Lower Upper
154 100
153 116.8 93.1 139.7
152 60.7 47.0 70.4

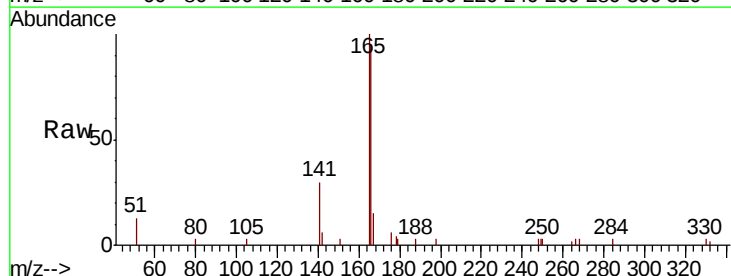


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

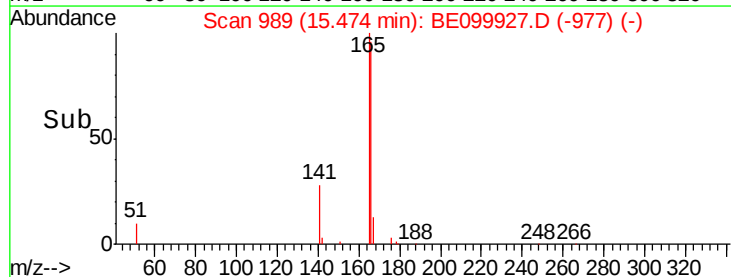
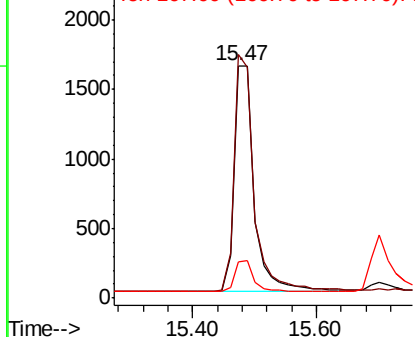


#18
Fluorene
Concen: 0.392 ng
RT: 15.47 min Scan# 989
Delta R.T. -0.04 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:166 Resp: 3659
Ion Ratio Lower Upper
166 100
165 103.4 81.8 122.8
167 13.5 11.2 16.8



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. -0.03 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

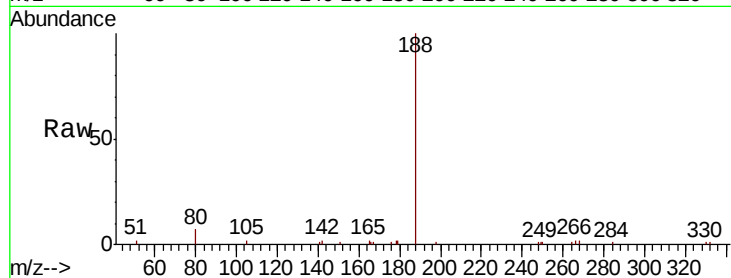
Tgt Ion:188 Resp: 7744

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

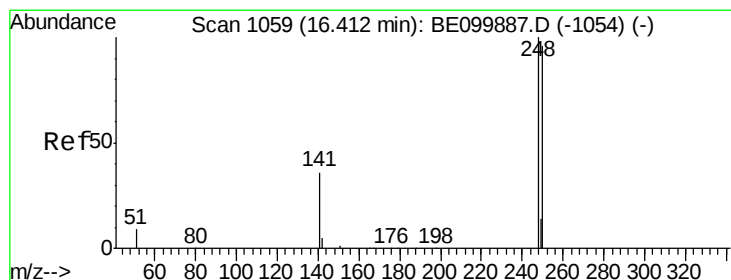
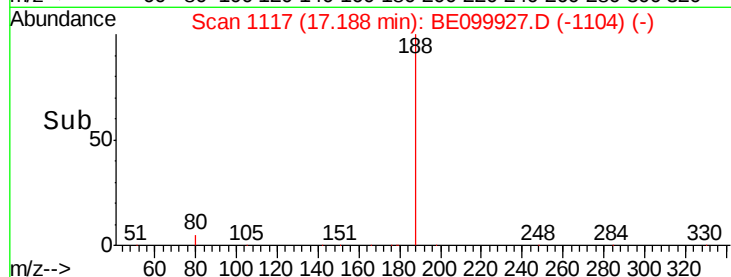
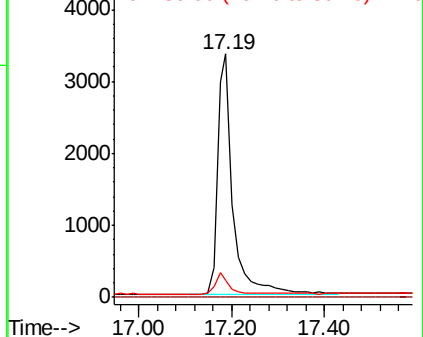
80 6.8 6.4 9.6



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: 0.386 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

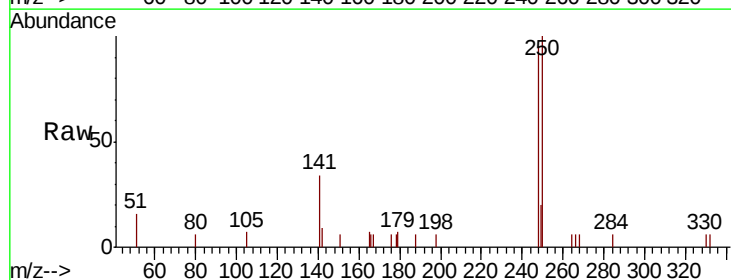
Tgt Ion:248 Resp: 1692

Ion Ratio Lower Upper

248 100

250 104.8 77.5 116.3

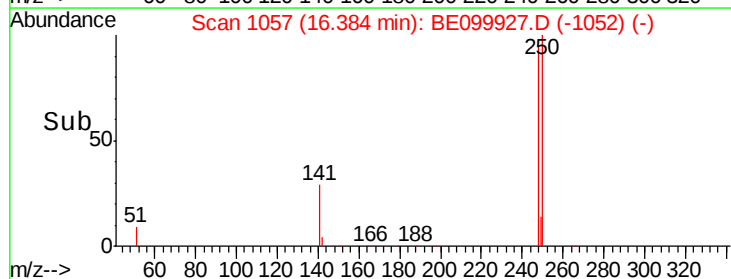
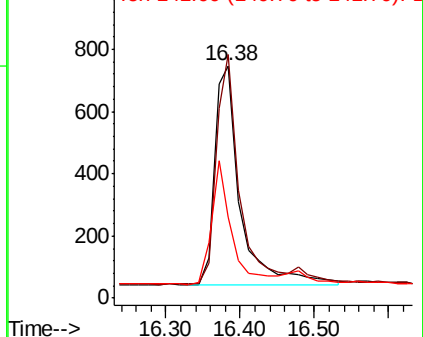
141 35.2 31.8 47.8



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

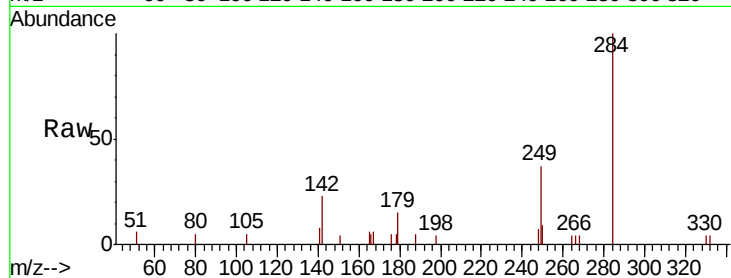




#21
Hexachlorobenzene
Concen: 0.402 ng
RT: 16.48 min Scan# 1064
Delta R.T. -0.04 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion	Ratio	Lower	Upper
284	100		
142	21.9	18.2	27.4
249	31.0	24.6	37.0

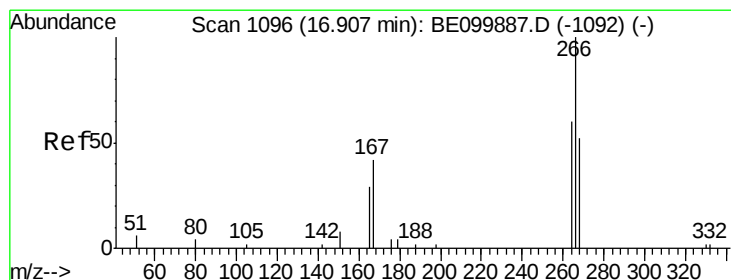
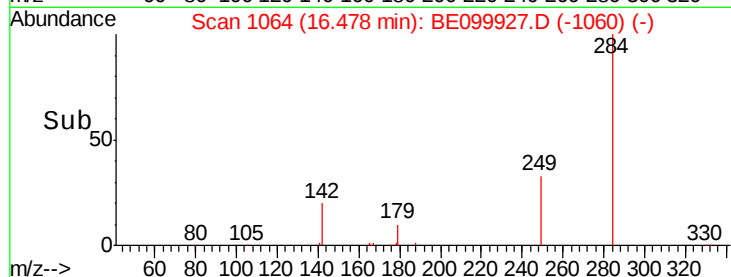
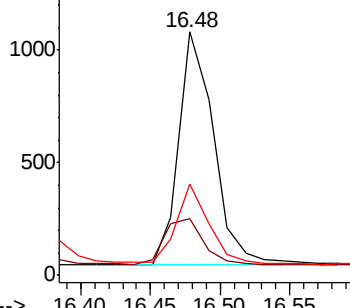


Abundance

Ion 283.80 (283.50 to 284.50): E

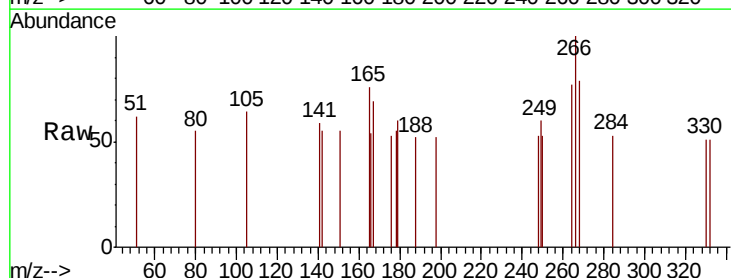
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.415 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion	Ratio	Lower	Upper
266	100		
264	77.0	62.2	93.2
268	79.3	65.5	98.3

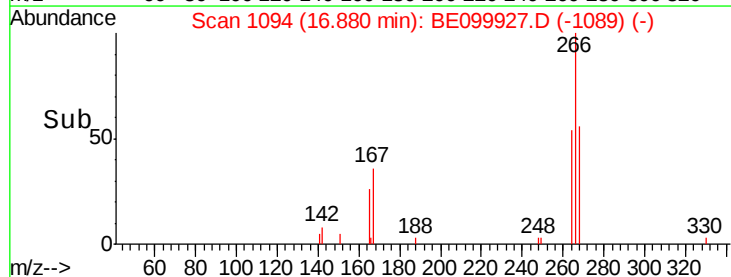
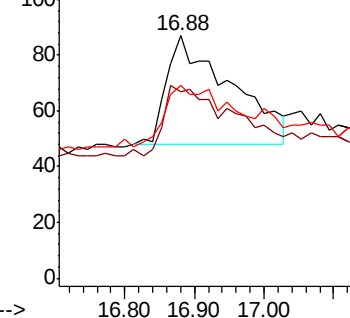


Abundance

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: 0.380 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

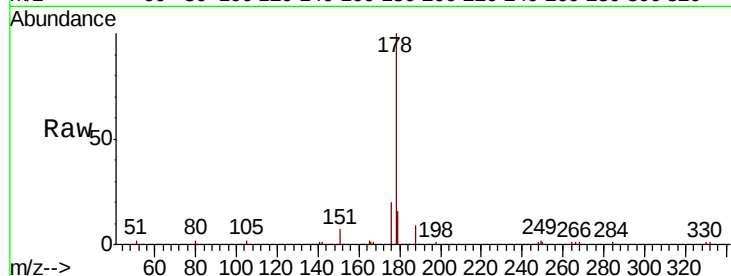
Tgt Ion:178 Resp: 7135

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

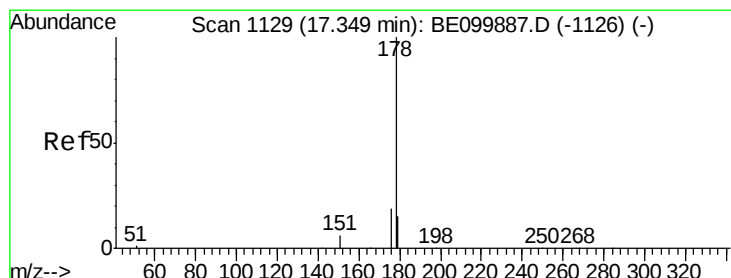
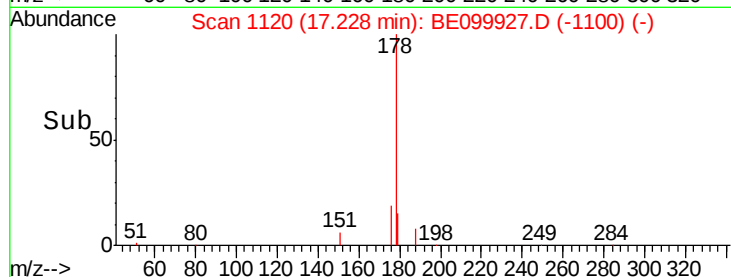
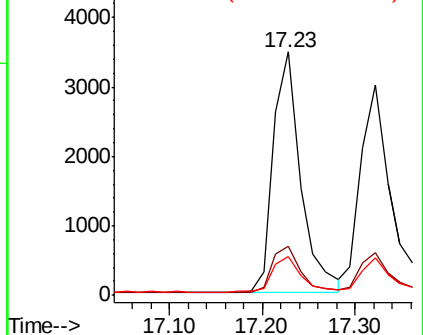
179 15.4 12.4 18.6



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: 0.350 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

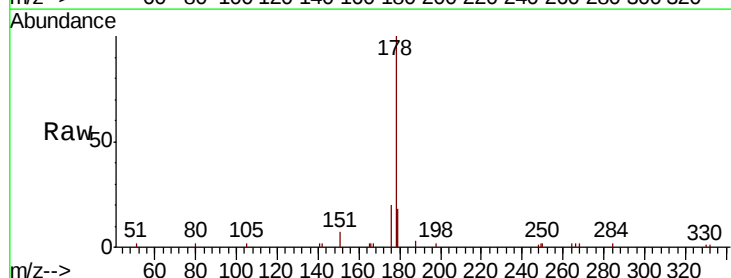
Tgt Ion:178 Resp: 6029

Ion Ratio Lower Upper

178 100

176 18.7 14.6 22.0

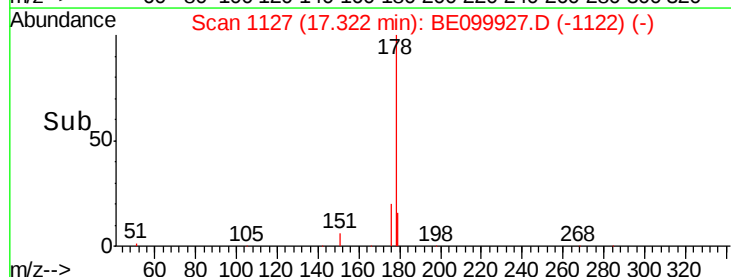
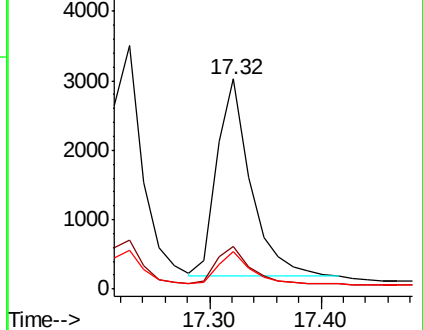
179 15.6 12.3 18.5

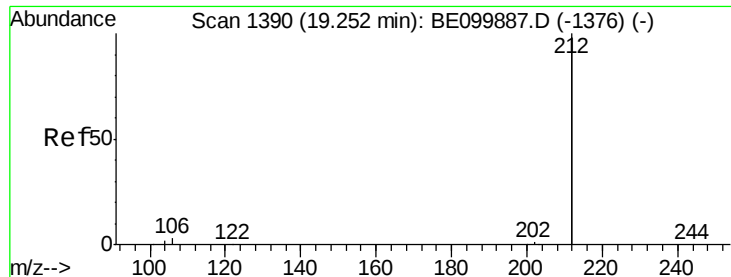


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.348 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.04 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

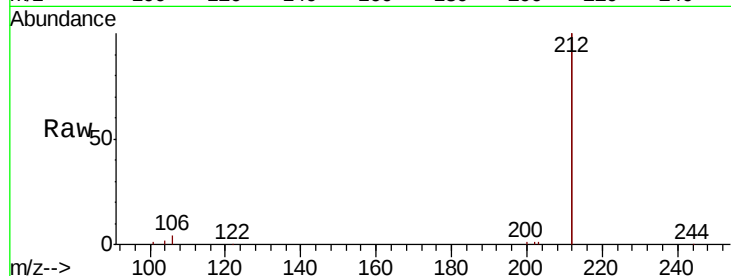
Tgt Ion:212 Resp: 39262

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

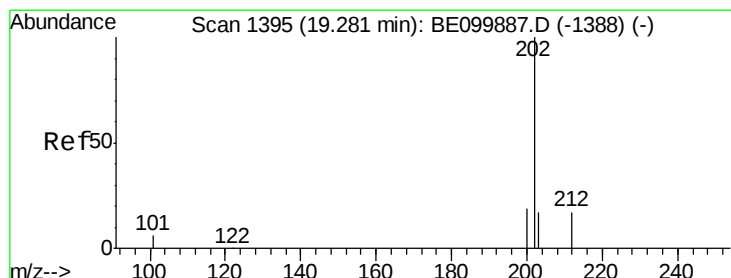
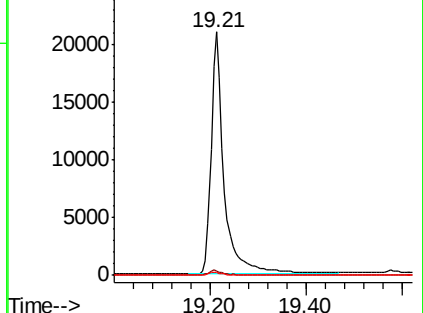
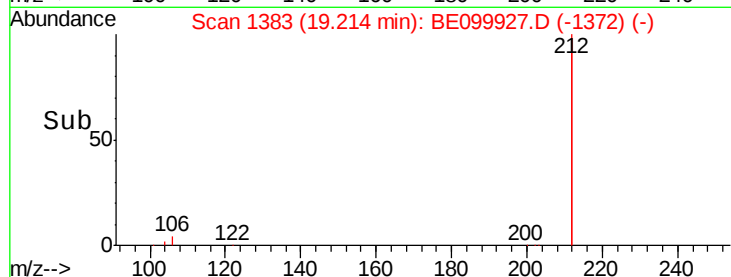
104 1.0 0.9 1.3



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: 0.354 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.04 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

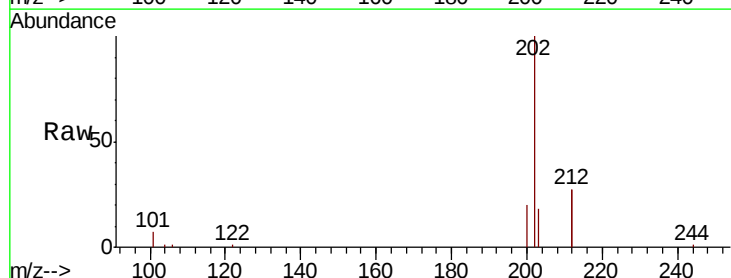
Tgt Ion:202 Resp: 11297

Ion Ratio Lower Upper

202 100

101 6.7 5.4 8.0

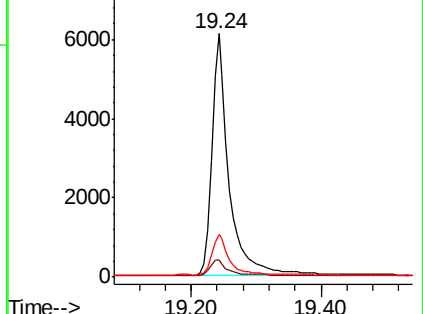
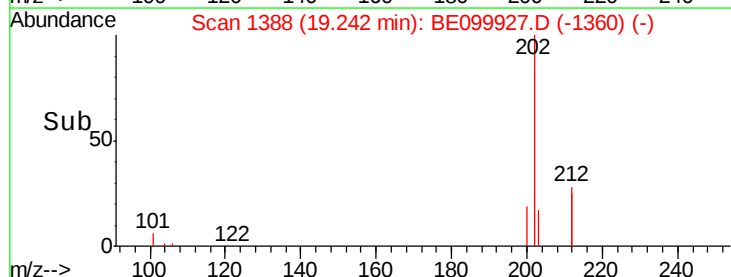
203 17.1 13.2 19.8



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

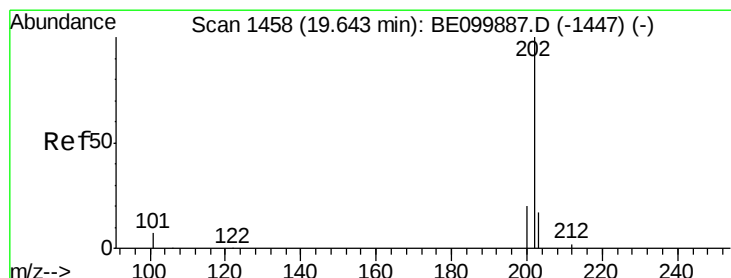
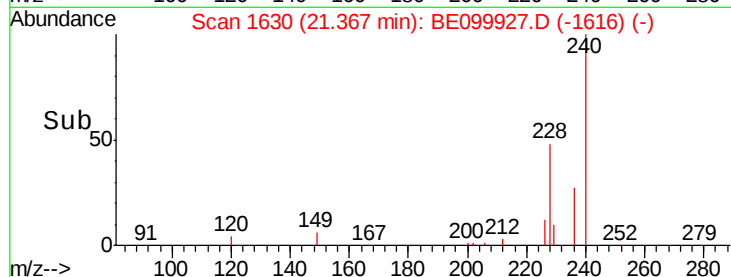
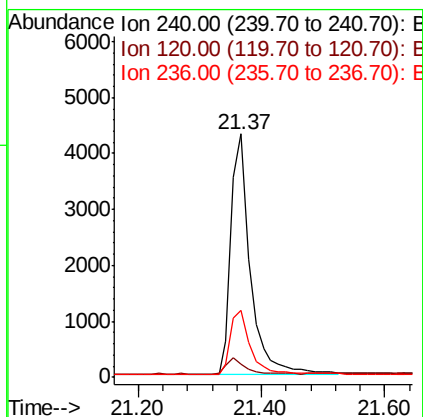
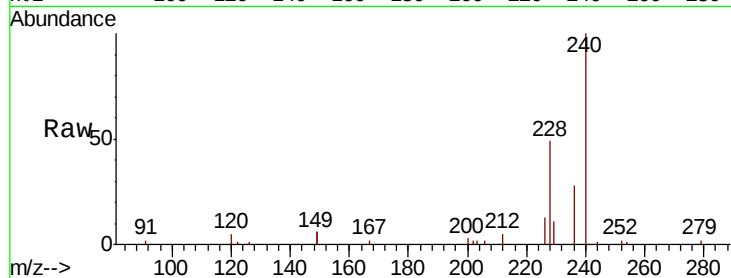




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

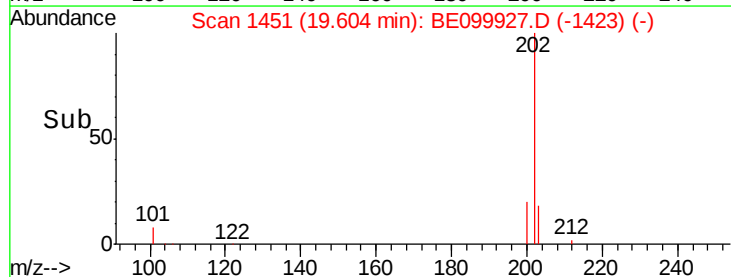
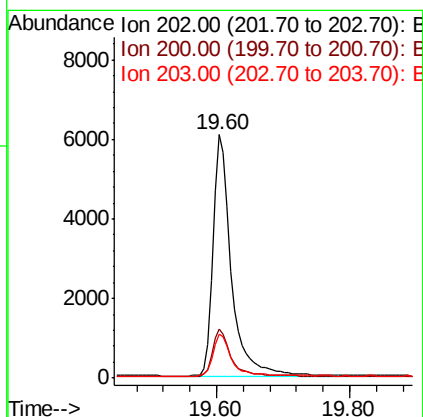
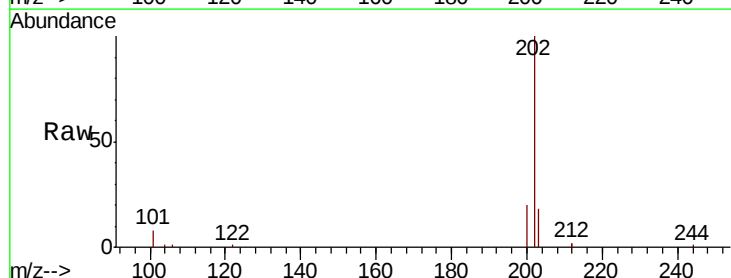
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

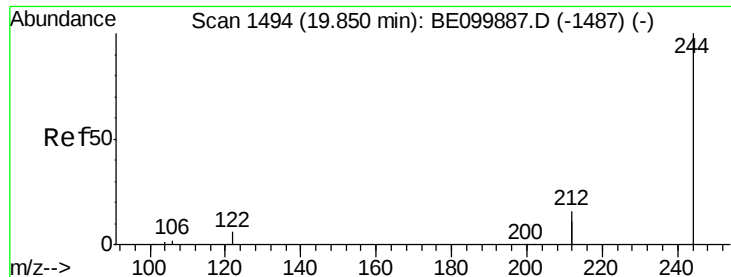
Tgt Ion:240 Resp: 9395
Ion Ratio Lower Upper
240 100
120 5.4 3.8 5.6
236 27.7 22.0 33.0



#28
Pyrene
Concen: 0.467 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.04 min
Lab File: BE099927.D
Acq: 11 Jun 2019 16:57

Tgt Ion:202 Resp: 11518
Ion Ratio Lower Upper
202 100
200 19.3 15.5 23.3
203 17.6 14.0 21.0





#29

Terphenyl-d14

Concen: 0.443 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

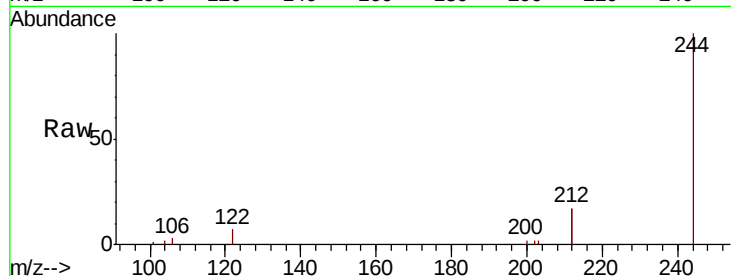
Tgt Ion:244 Resp: 7485

Ion Ratio Lower Upper

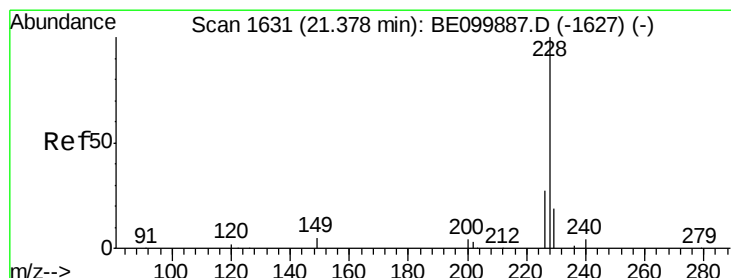
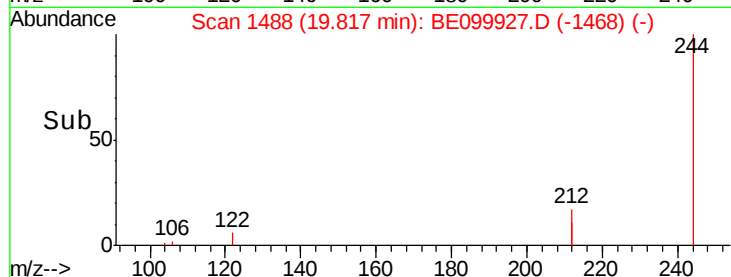
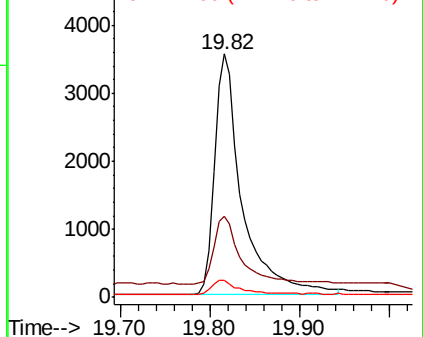
244 100

212 33.4 25.7 38.5

122 7.2 5.5 8.3



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: 0.412 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.04 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

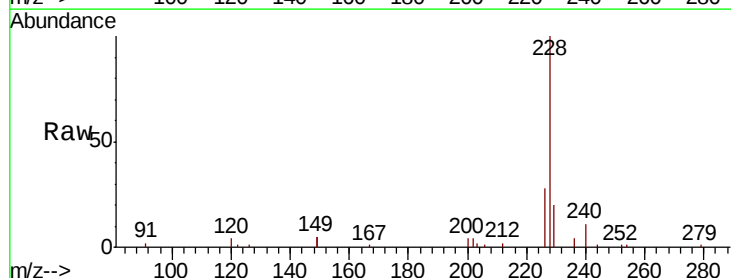
Tgt Ion:228 Resp: 11563

Ion Ratio Lower Upper

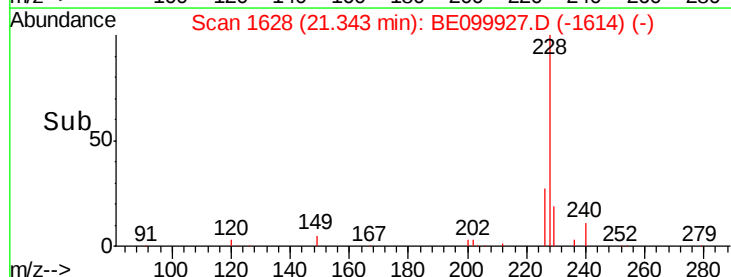
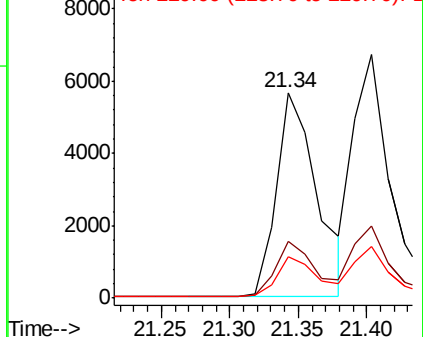
228 100

226 27.7 22.5 33.7

229 20.2 15.9 23.9



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





#31

Chrysene

Concen: 0.423 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.04 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

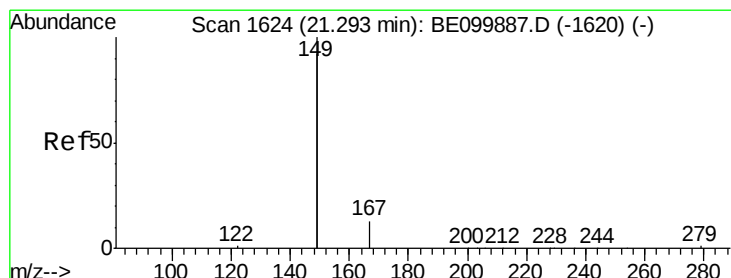
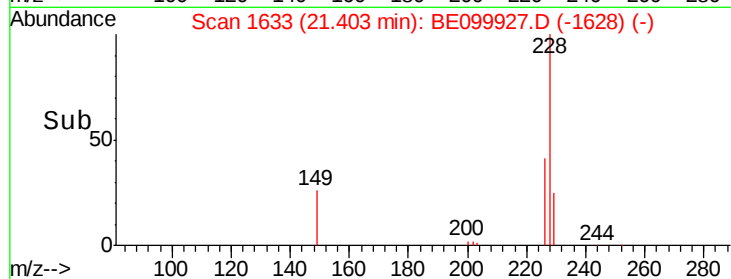
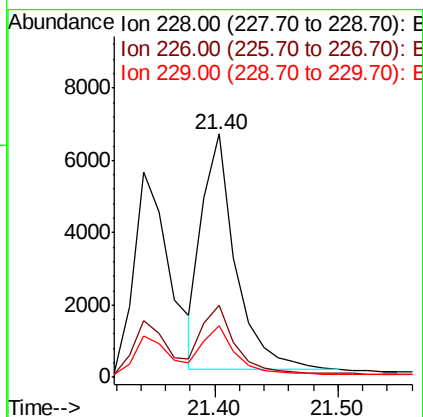
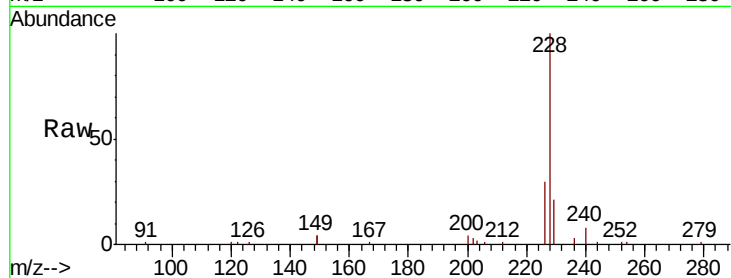
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	228	Resp:	12267
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	21.0	16.1	24.1



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.350 ng

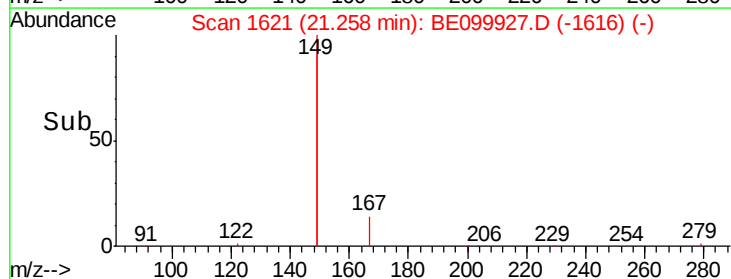
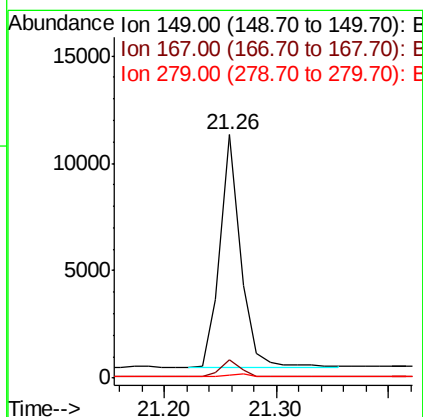
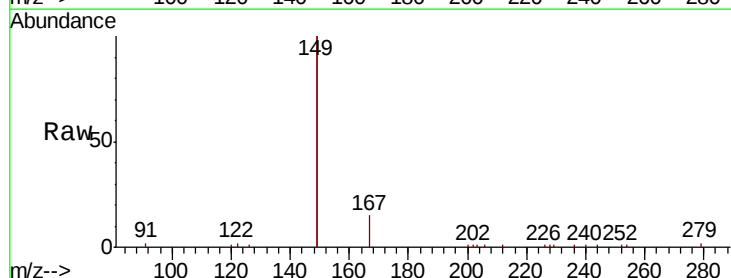
RT: 21.26 min Scan# 1621

Delta R.T. -0.04 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

Tgt Ion:	149	Resp:	14085
Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.6	1.2	1.8





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.412 ng

RT: 26.51 min Scan# 2936

Delta R.T. -0.11 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

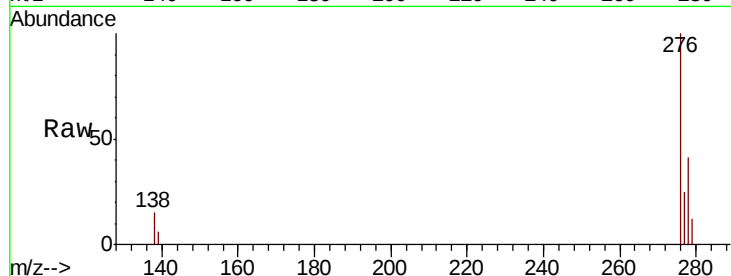
Tgt Ion:276 Resp: 14200

Ion Ratio Lower Upper

276 100

138 13.0 10.1 15.1

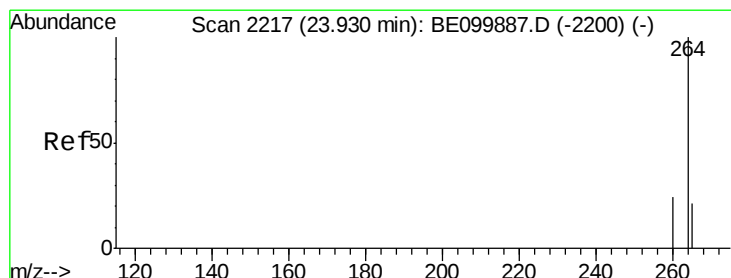
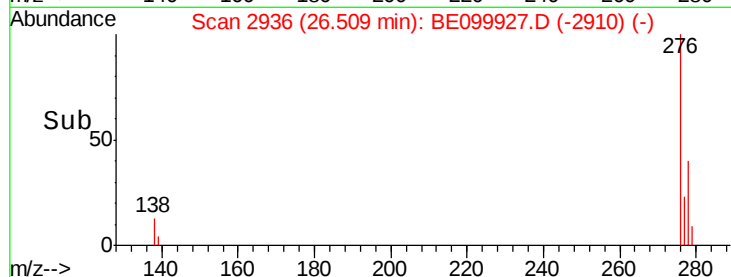
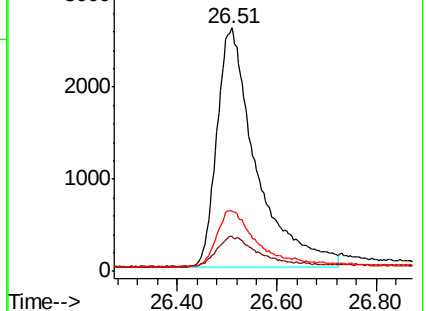
277 23.8 19.1 28.7



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# 2197

Delta R.T. -0.07 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

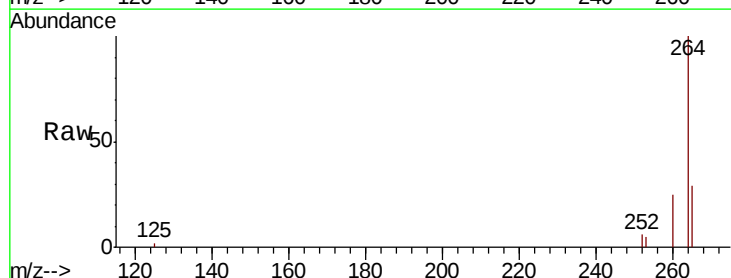
Tgt Ion:264 Resp: 10784

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

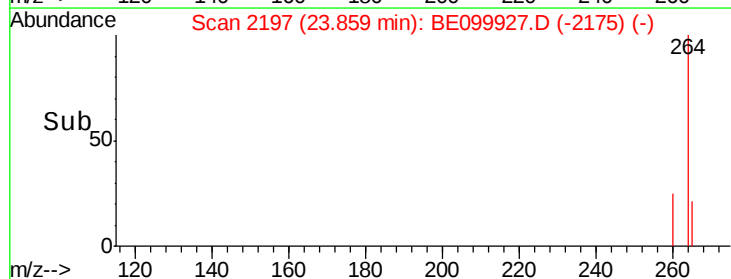
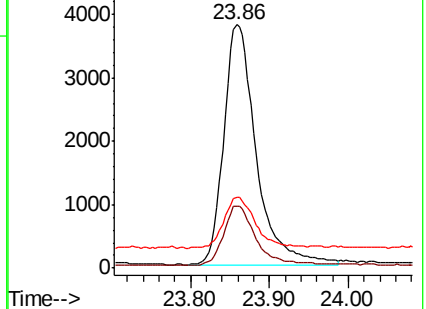
265 29.3 22.0 33.0



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: 0.380 ng

RT: 23.09 min Scan# 1981

Delta R.T. -0.06 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

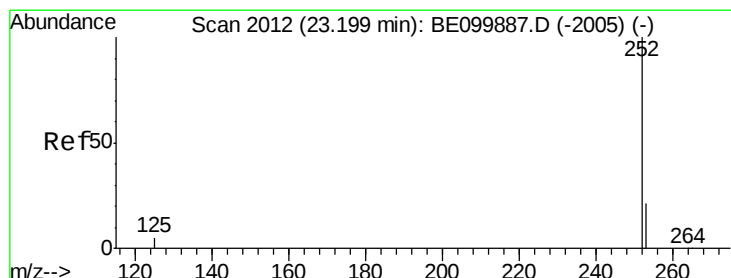
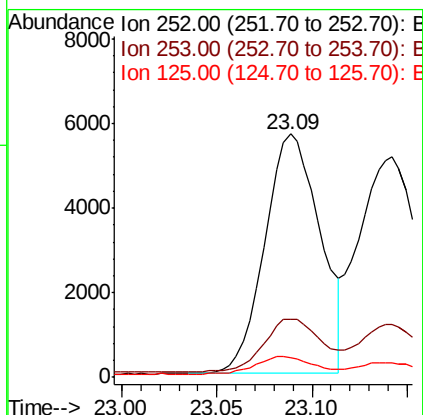
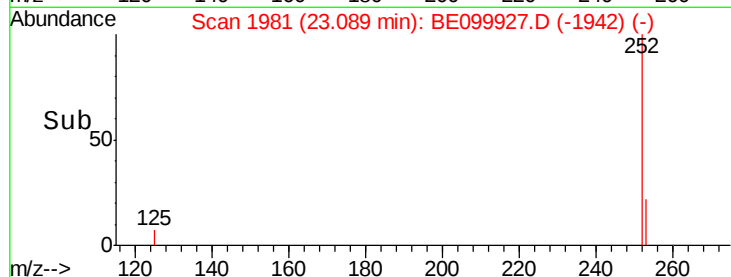
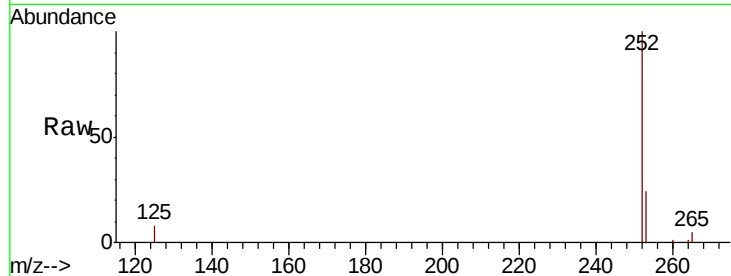
Tgt Ion:252 Resp: 11477

Ion Ratio Lower Upper

252 100

253 24.0 18.7 28.1

125 8.2 5.7 8.5



#36

Benzo(k)fluoranthene

Concen: 0.390 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.06 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

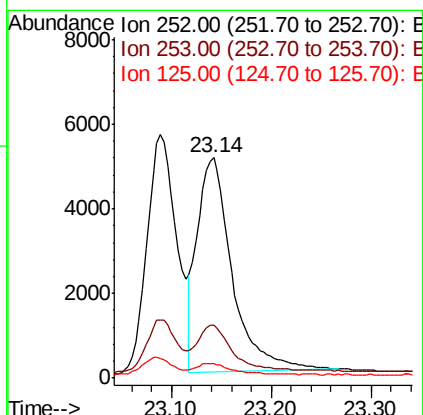
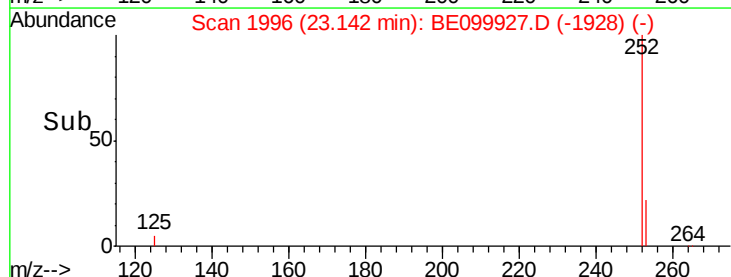
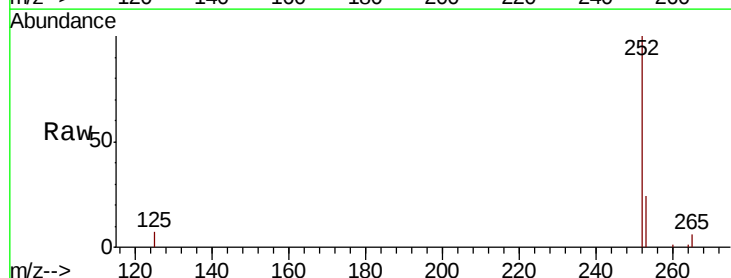
Tgt Ion:252 Resp: 12333

Ion Ratio Lower Upper

252 100

253 24.0 18.6 28.0

125 6.8 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.397 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.07 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

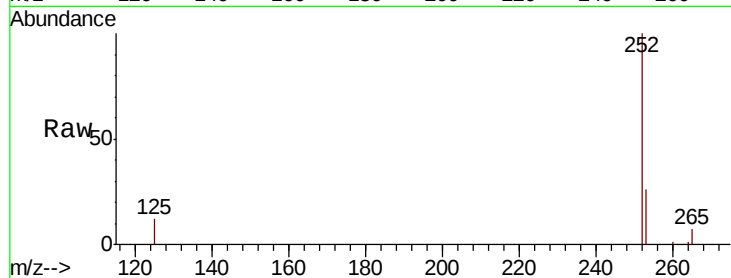
Tgt Ion:252 Resp: 11815

Ion Ratio Lower Upper

252 100

253 25.6 19.6 29.4

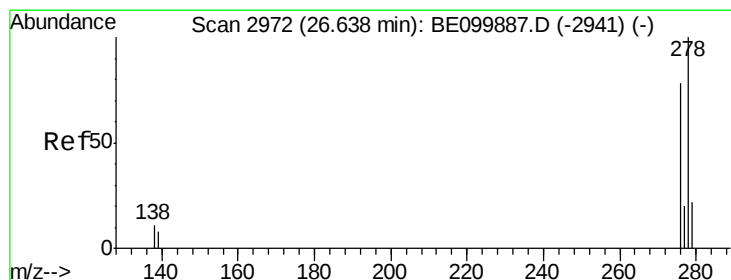
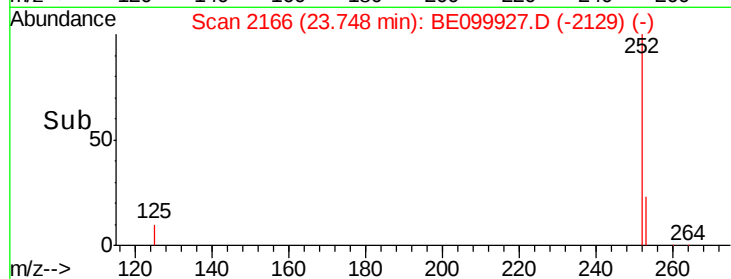
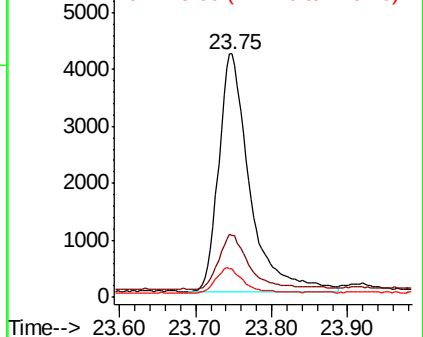
125 11.7 6.6 10.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.360 ng

RT: 26.54 min Scan# 2944

Delta R.T. -0.10 min

Lab File: BE099927.D

Acq: 11 Jun 2019 16:57

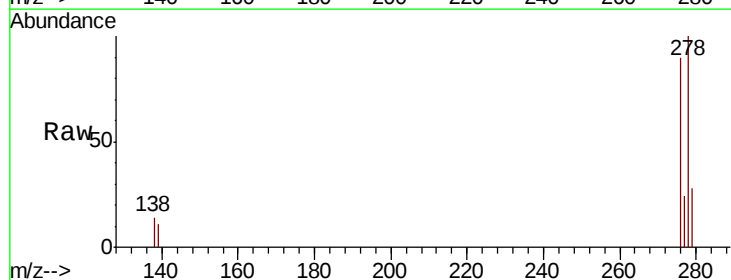
Tgt Ion:278 Resp: 10804

Ion Ratio Lower Upper

278 100

139 11.0 7.8 11.8

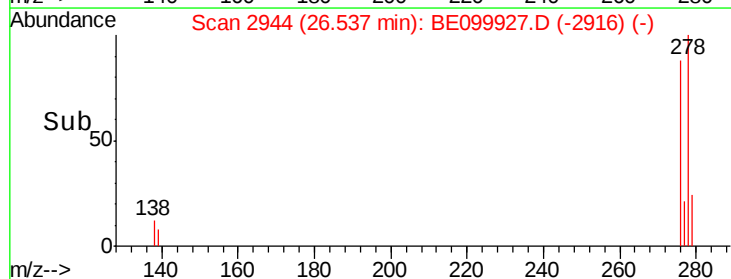
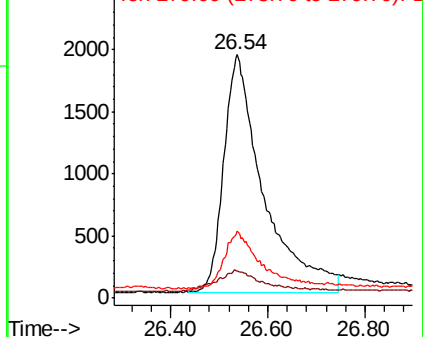
279 27.6 20.0 30.0



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: 0.396 ng

RT: 27.32 min Scan# 3163

Delta R.T. -0.11 min

Lab File: BE099927.D

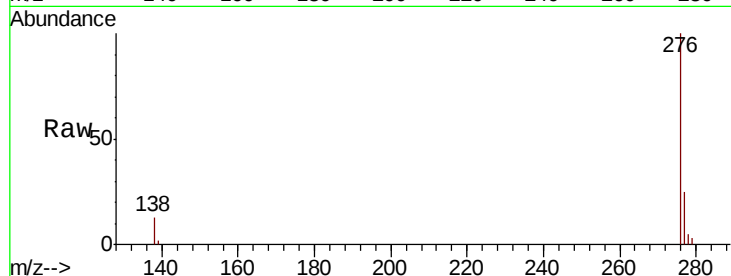
Acq: 11 Jun 2019 16:57

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



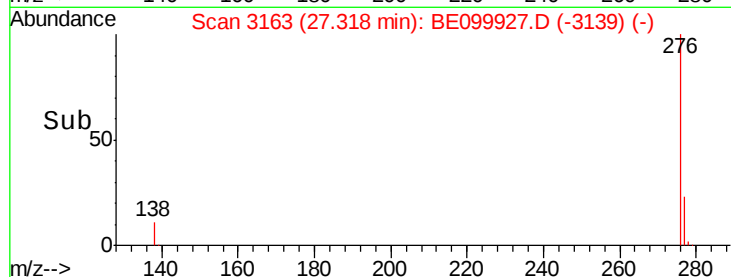
Tgt Ion: 276 Resp: 12270

Ion Ratio Lower Upper

276 100

277 24.6 19.5 29.3

138 13.3 9.5 14.3



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

