

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011020\
 Data File : BE101024.D
 Acq On : 10 Jan 2020 15:02
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jan 10 15:59:13 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3301	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	14926	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	8896	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	19451	0.40	ng	0.00
27) Chrysene-d12	21.28	240	14648	0.40	ng	0.00
34) Perylene-d12	23.70	264	15880	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	2586	0.35	ng	0.00
5) Phenol-d6	6.91	99	3085	0.33	ng	0.00
8) Nitrobenzene-d5	8.87	82	3203	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.11	152	11567	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	717	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	13760	0.41	ng	0.00
25) Fluoranthene-d10	19.13	212	97141	0.36	ng	0.00
29) Terphenyl-d14	19.74	244	15298	0.43	ng	0.00

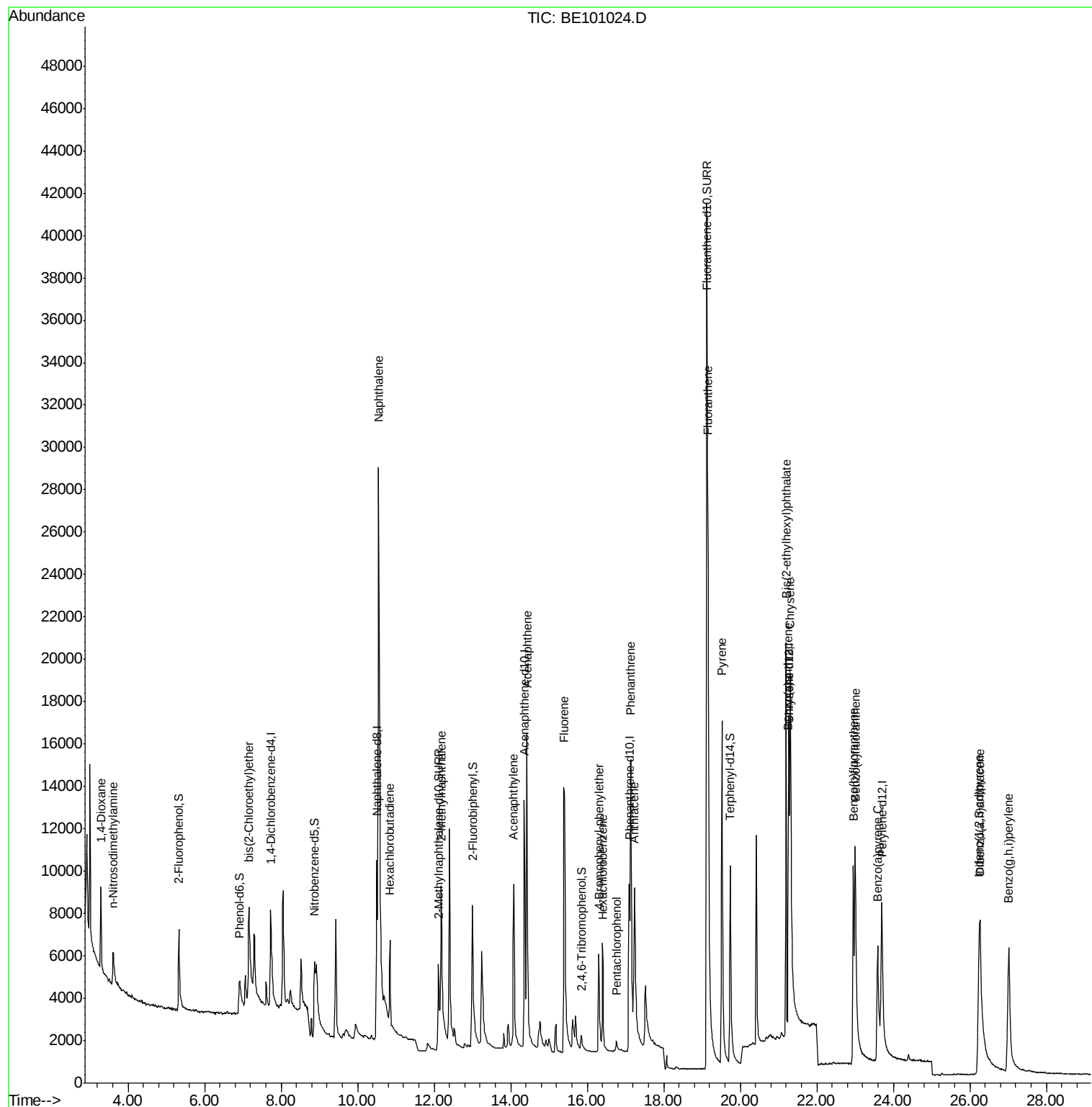
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.29	88	2857	0.340	ng	92
3) n-Nitrosodimethylamine	3.60	42	1611	0.351	ng	89
6) bis(2-Chloroethyl)ether	7.16	93	3689	0.330	ng	# 90
9) Naphthalene	10.55	128	67468	0.407	ng	100
10) Hexachlorobutadiene	10.85	225	2848	0.406	ng	99
12) 2-Methylnaphthalene	12.18	142	9726	0.388	ng	98
16) Acenaphthylene	14.08	152	12523	0.346	ng	99
17) Acenaphthene	14.43	154	10278	0.396	ng	99
18) Fluorene	15.39	166	12786	0.390	ng	99
20) 4-Bromophenyl-phenylether	16.30	248	3581	0.378	ng	97
21) Hexachlorobenzene	16.41	284	4416	0.424	ng	97
22) Pentachlorophenol	16.76	266	552	0.401	ng	94
23) Phenanthrene	17.13	178	20958	0.395	ng	99
24) Anthracene	17.23	178	18880	0.377	ng	100
26) Fluoranthene	19.16	202	24148	0.363	ng	98
28) Pyrene	19.52	202	23687	0.434	ng	99
30) Benzo(a)anthracene	21.26	228	13013	0.311	ng	99
31) Chrysene	21.31	228	28434	0.458	ng	98
32) Bis(2-ethylhexyl)phthalate	21.20	149	20396	0.293	ng	100
33) Indeno(1,2,3-cd)pyrene	26.24	276	19688	0.401	ng	97
35) Benzo(b)fluoranthene	22.95	252	14257	0.320	ng	100
36) Benzo(k)fluoranthene	23.00	252	27769m	0.430	ng	
37) Benzo(a)pyrene	23.59	252	16159	0.375	ng	99
38) Dibenzo(a,h)anthracene	26.27	278	14023	0.354	ng	97
39) Benzo(g,h,i)perylene	27.01	276	18406	0.378	ng	100

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

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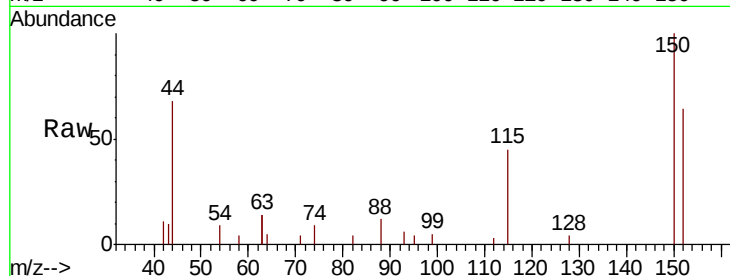


#1

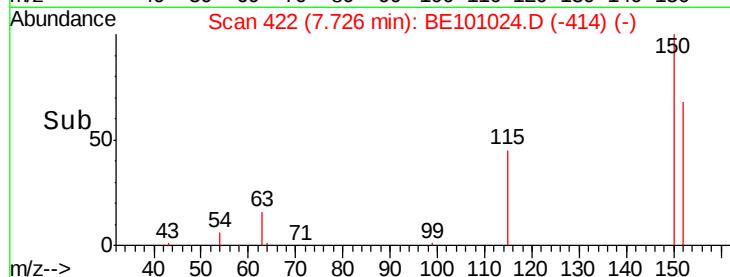
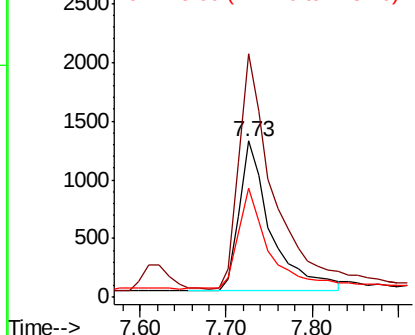
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101024.D
Acq: 10 Jan 2020 15:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 3301
Ion Ratio Lower Upper
152 100
150 155.6 120.3 180.5
115 69.6 51.7 77.5



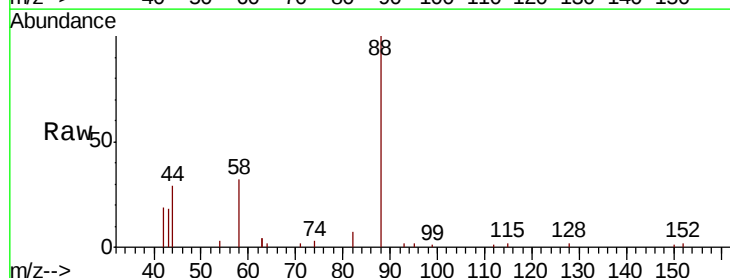
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



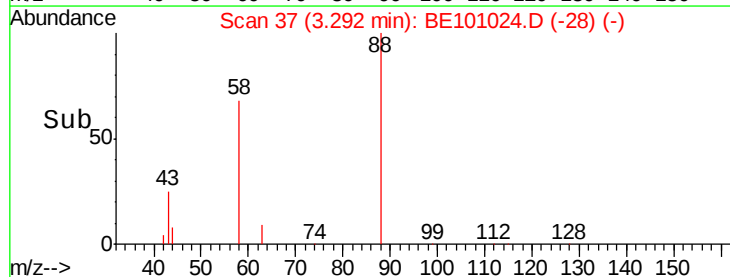
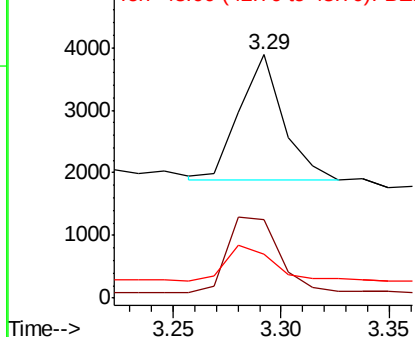
#2

1,4-Dioxane
Concen: 0.340 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101024.D
Acq: 10 Jan 2020 15:02

Tgt Ion: 88 Resp: 2857
Ion Ratio Lower Upper
88 100
58 74.5 53.0 79.4
43 28.7 23.4 35.2



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.351 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

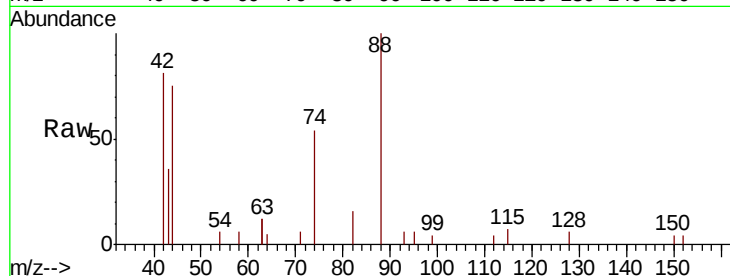
Tot Ion: 42 Resp: 1611

Ion Ratio Lower Upper

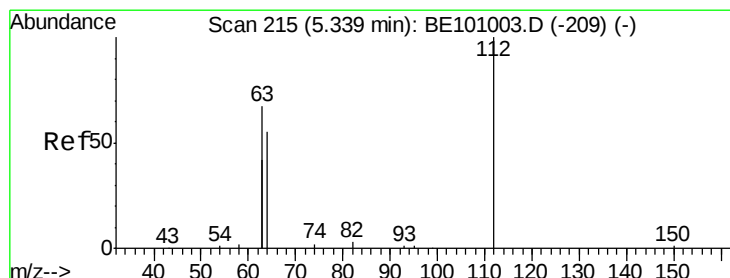
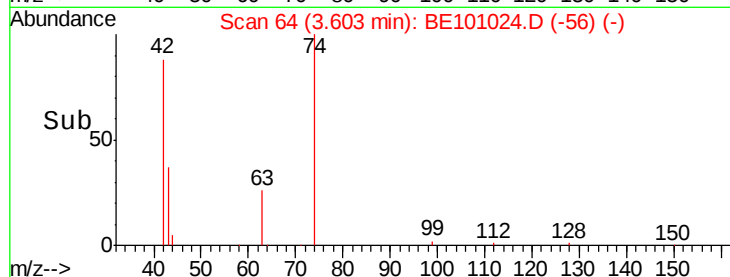
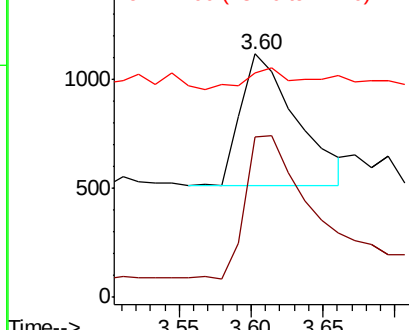
42 100

74 118.2 105.7 158.5

44 13.3 10.0 15.0



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.348 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

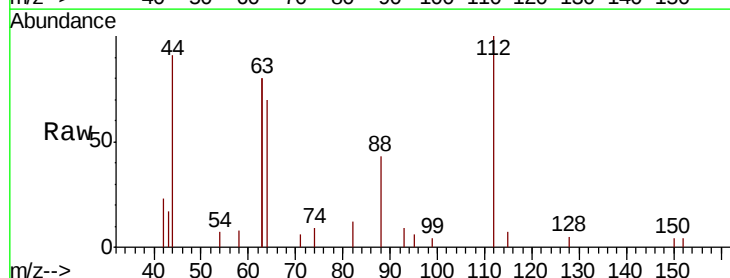
Tgt Ion: 112 Resp: 2586

Ion Ratio Lower Upper

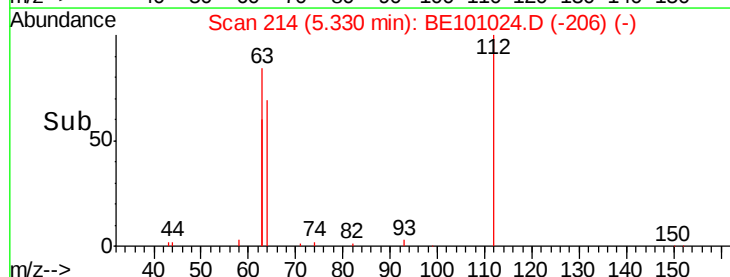
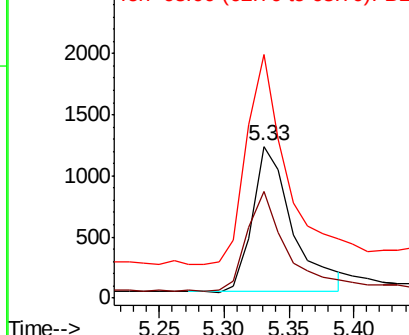
112 100

64 67.1 53.6 80.4

63 144.8 114.6 172.0



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





#5

Phenol-d6

Concen: 0.328 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

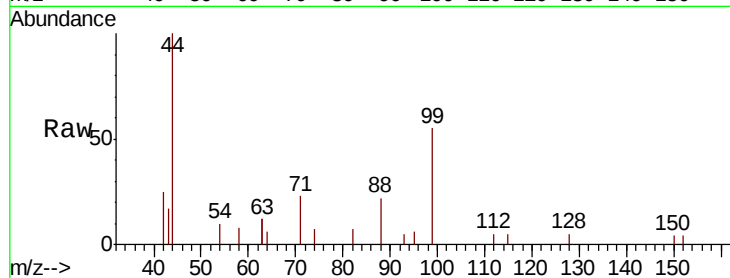
Tot Ion: 99 Resp: 3085

Ion Ratio Lower Upper

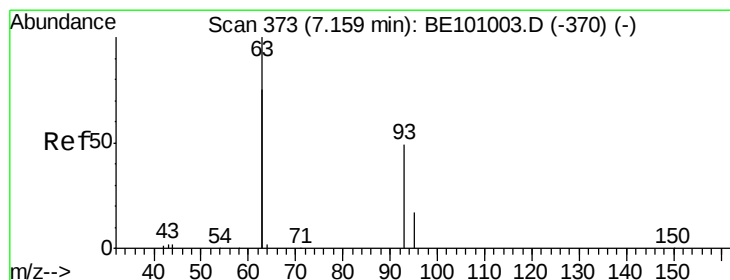
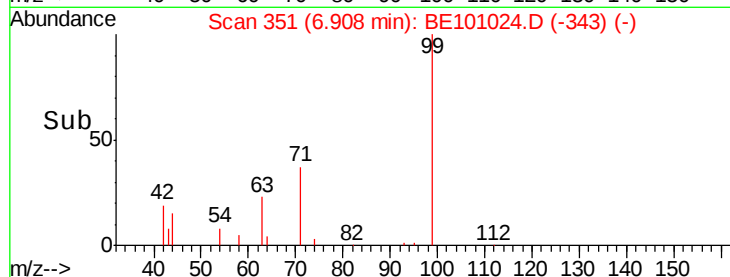
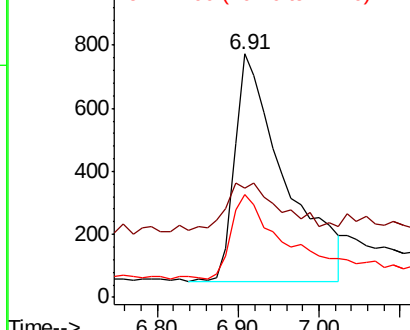
99 100

42 22.7 18.3 27.5

71 39.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.330 ng

RT: 7.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

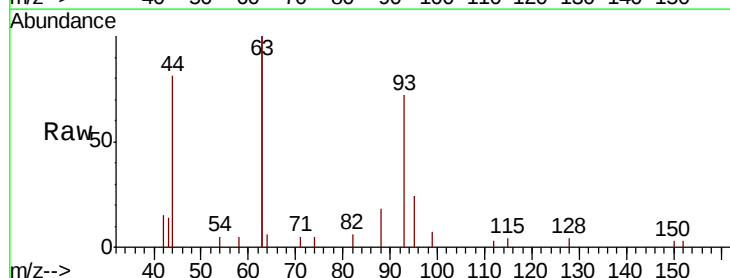
Tgt Ion: 93 Resp: 3689

Ion Ratio Lower Upper

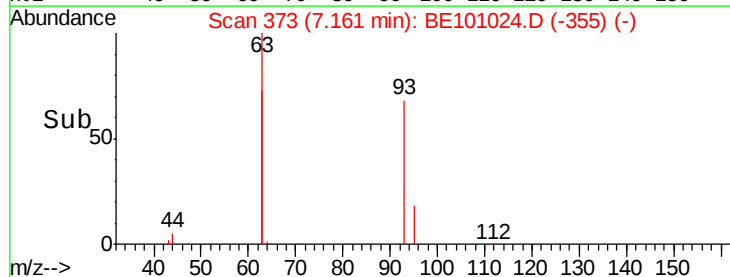
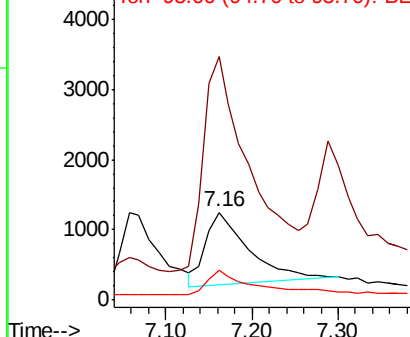
93 100

63 312.2 233.9 350.9

95 35.7 23.5 35.3#



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 14926

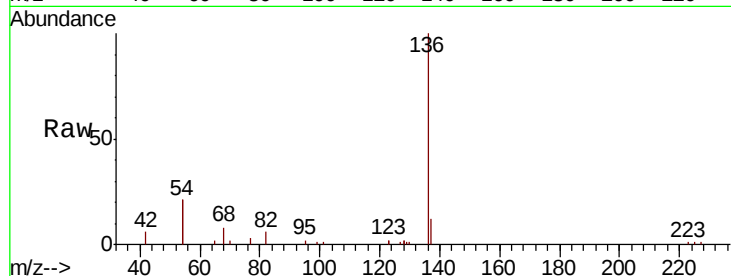
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 42.5 36.8 55.2

68 8.4 8.4 12.6

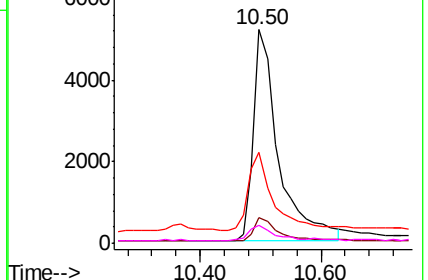
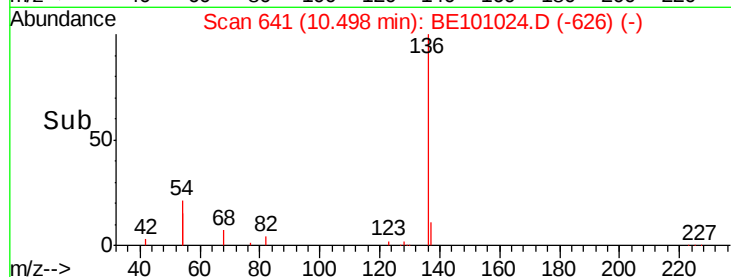


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.300 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

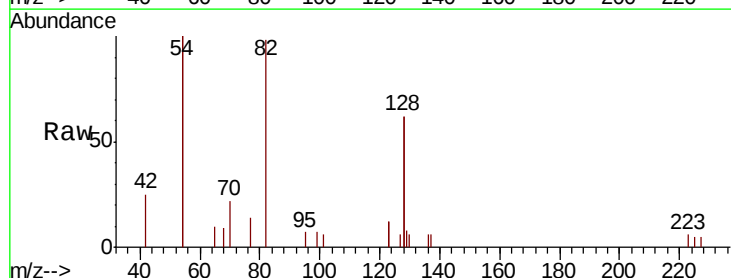
Tgt Ion: 82 Resp: 3203

Ion Ratio Lower Upper

82 100

128 126.9 109.8 164.6

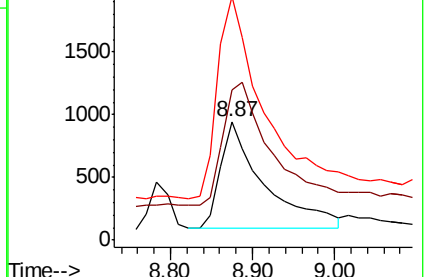
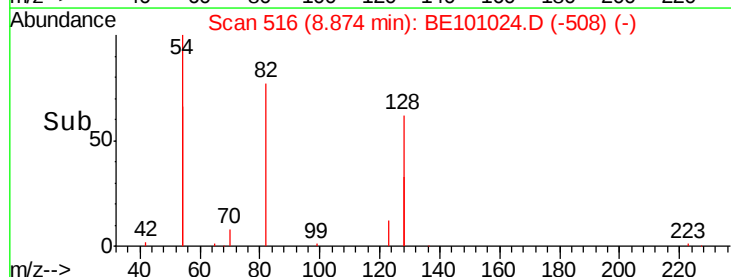
54 205.1 174.5 261.7

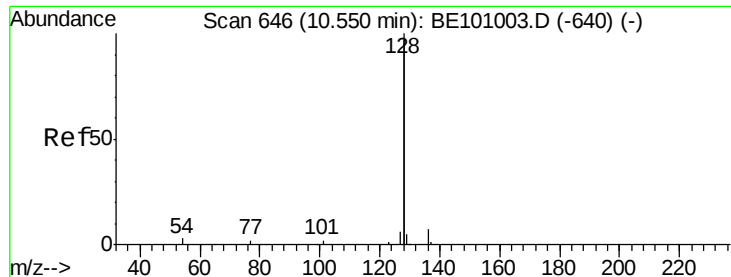


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.407 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

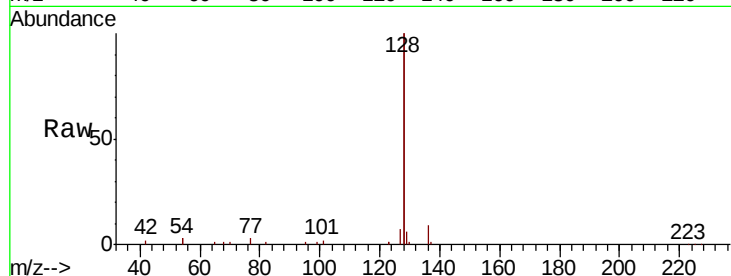
Tot Ion:128 Resp: 67468

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

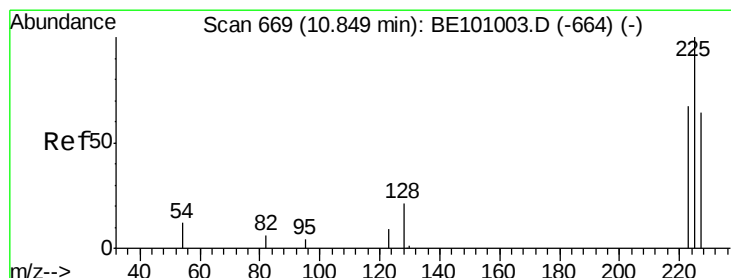
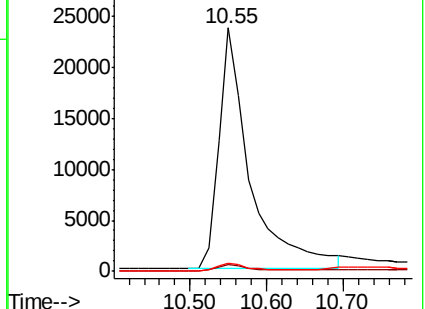
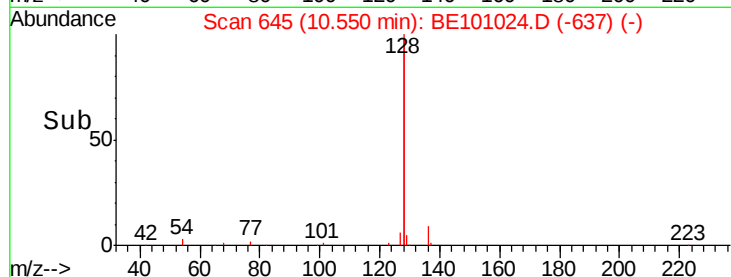
127 3.3 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.406 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

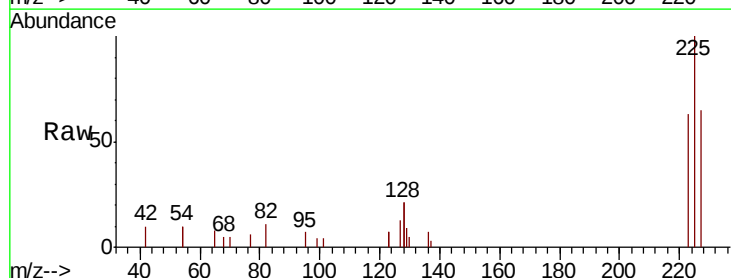
Tgt Ion:225 Resp: 2848

Ion Ratio Lower Upper

225 100

223 64.5 52.2 78.4

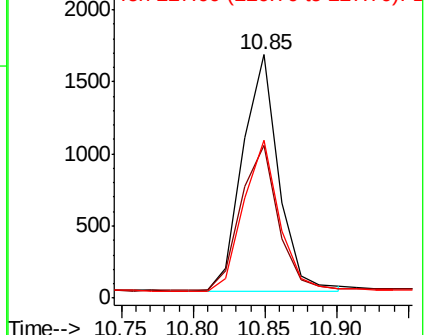
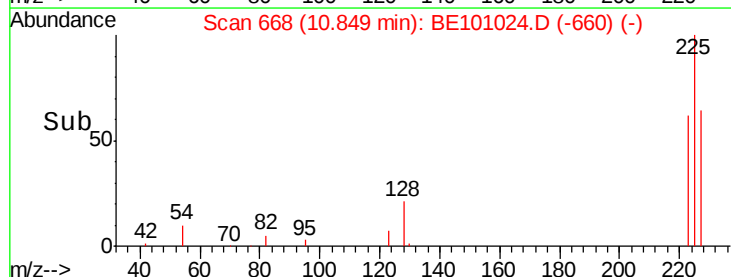
227 63.9 49.9 74.9



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

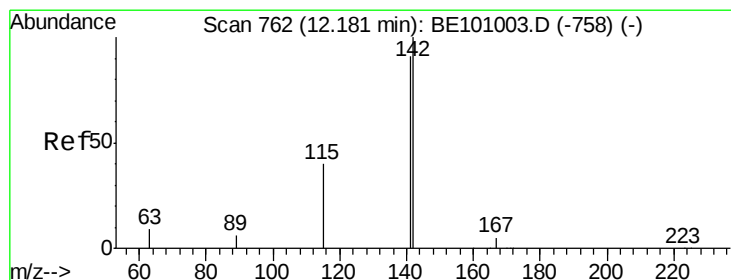
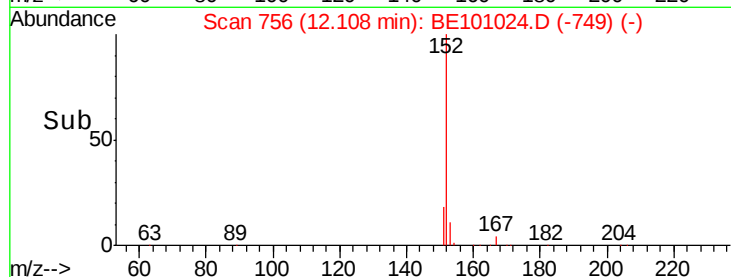
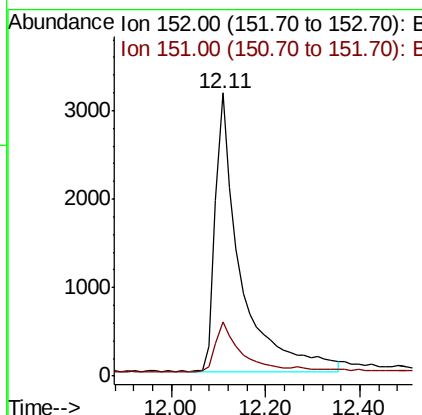
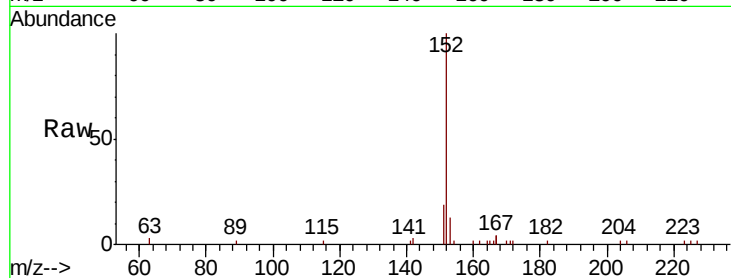




#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.00 min
Lab File: BE101024.D
Acq: 10 Jan 2020 15:02

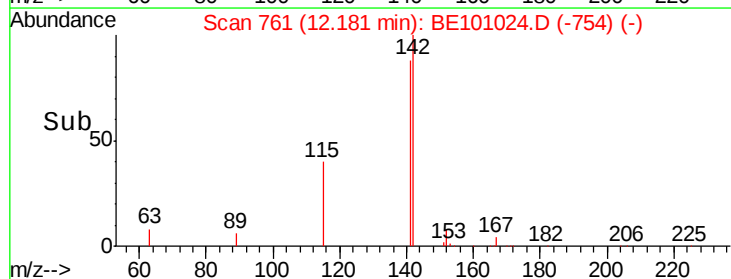
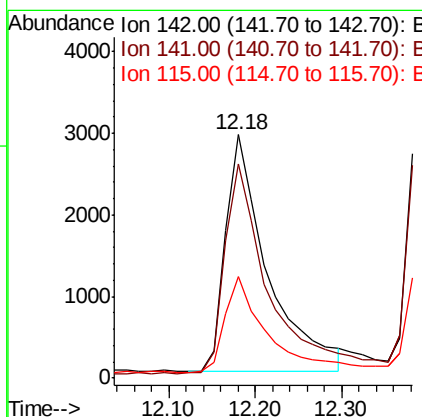
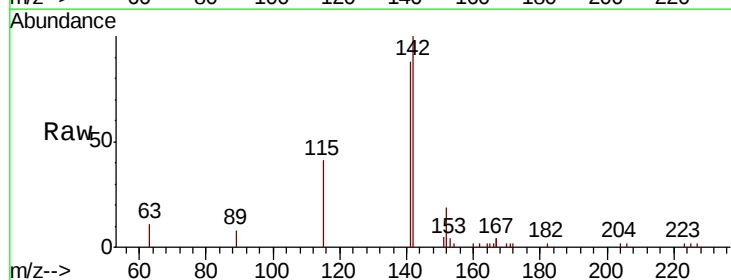
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 11567
Ion Ratio Lower Upper
152 100
151 19.2 15.0 22.6



#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE101024.D
Acq: 10 Jan 2020 15:02

Tgt Ion:142 Resp: 9726
Ion Ratio Lower Upper
142 100
141 87.8 72.5 108.7
115 41.5 33.0 49.6

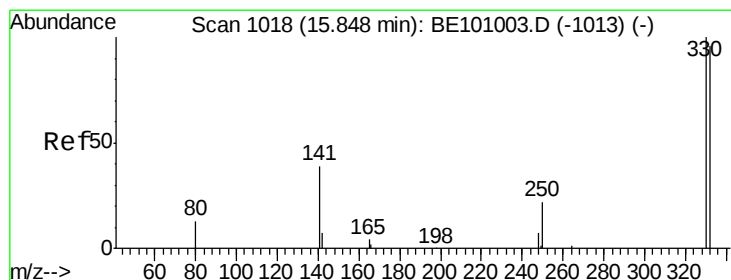
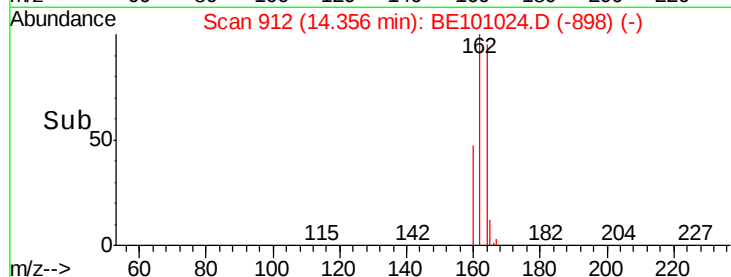
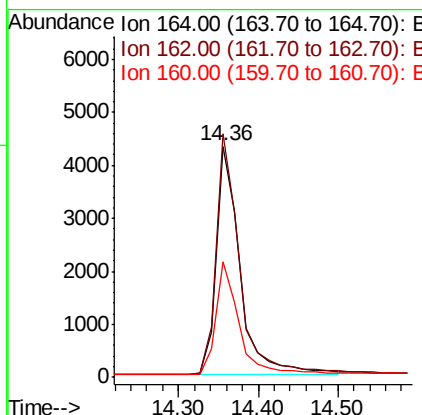
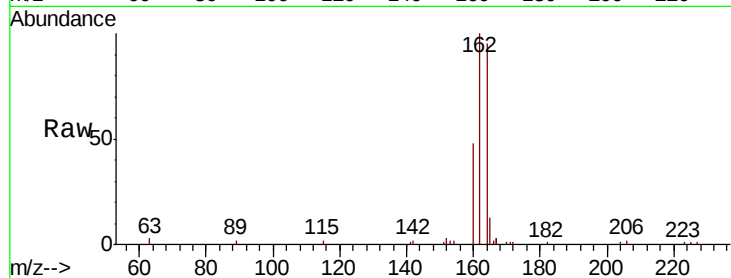




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101024.D
Acq: 10 Jan 2020 15:02

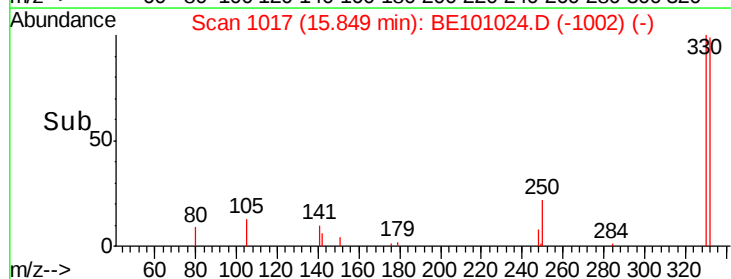
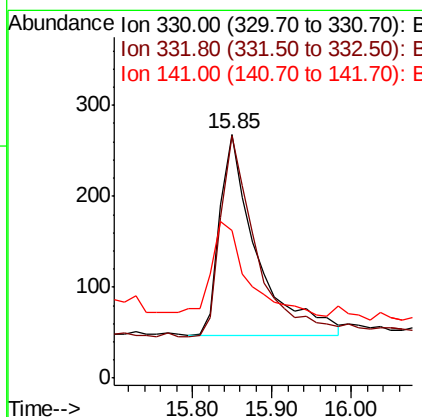
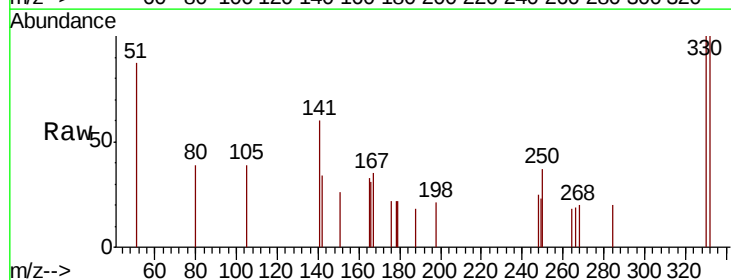
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 8896
Ion Ratio Lower Upper
164 100
162 105.2 84.1 126.1
160 50.2 40.4 60.6



#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101024.D
Acq: 10 Jan 2020 15:02

Tgt Ion:330 Resp: 717
Ion Ratio Lower Upper
330 100
332 96.5 78.4 117.6
141 46.4 37.0 55.4

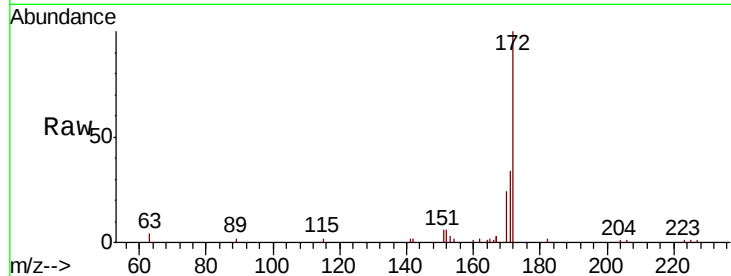




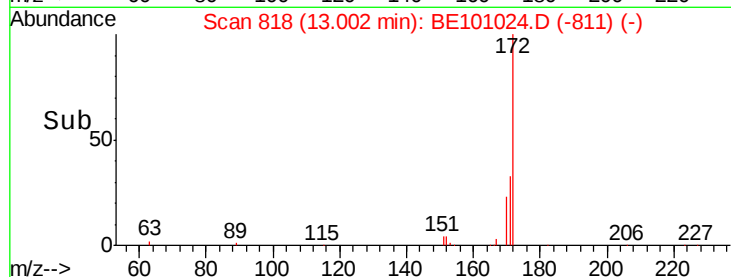
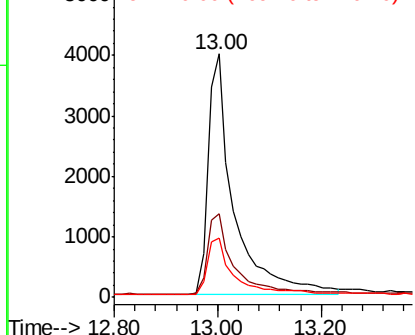
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101024.D
Acq: 10 Jan 2020 15:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 13760
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 24.2 18.9 28.3

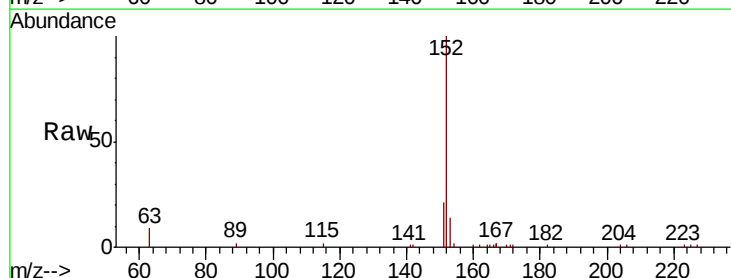


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

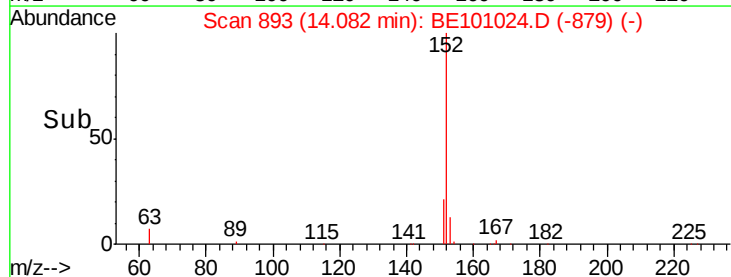
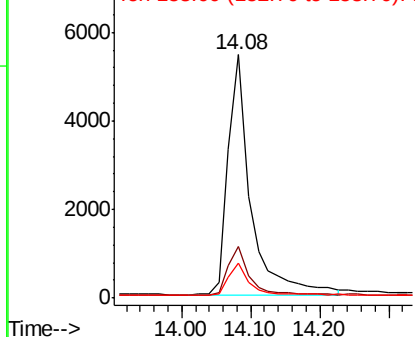


#16
Acenaphthylene
Concen: 0.346 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101024.D
Acq: 10 Jan 2020 15:02

Tgt Ion:152 Resp: 12523
Ion Ratio Lower Upper
152 100
151 20.3 15.5 23.3
153 13.1 10.4 15.6



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: 0.396 ng

RT: 14.43 min Scan# 917

Delta R.T. -0.00 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

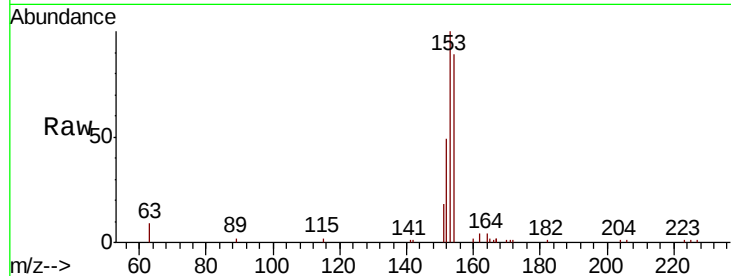
Tot Ion:154 Resp: 10278

Ion Ratio Lower Upper

154 100

153 116.3 93.6 140.4

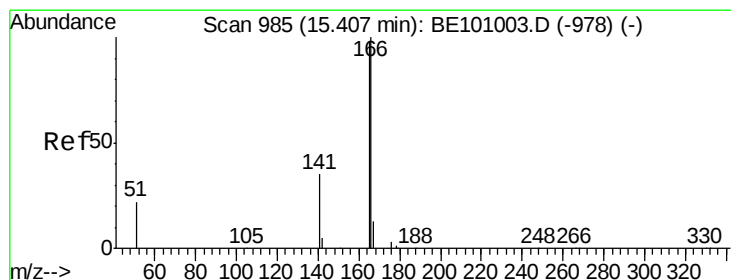
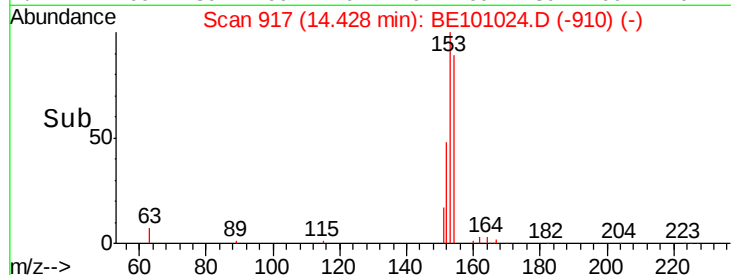
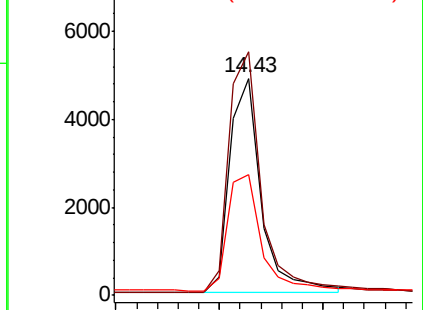
152 57.6 46.3 69.5



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: 0.390 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

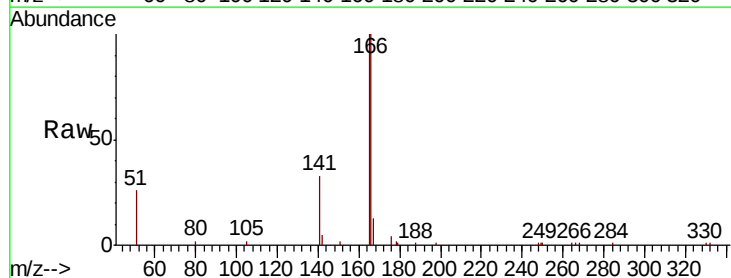
Tgt Ion:166 Resp: 12786

Ion Ratio Lower Upper

166 100

165 98.5 79.8 119.8

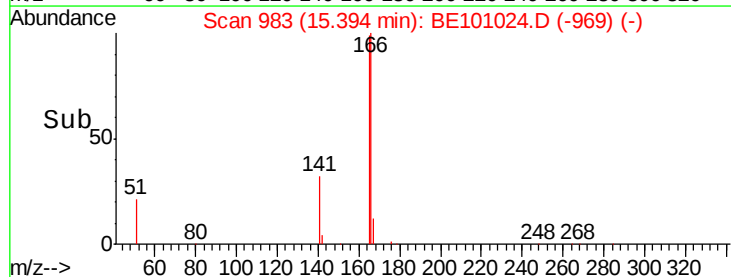
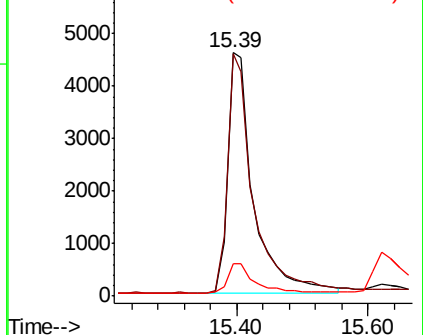
167 13.4 11.0 16.6



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: 17.09 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

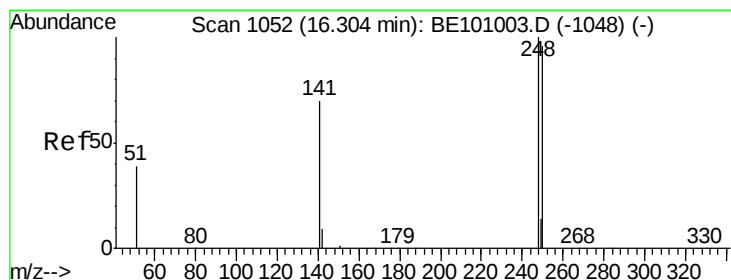
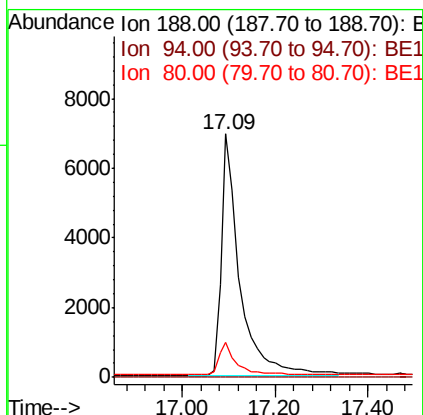
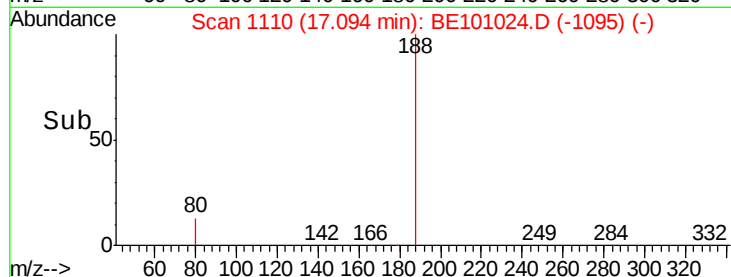
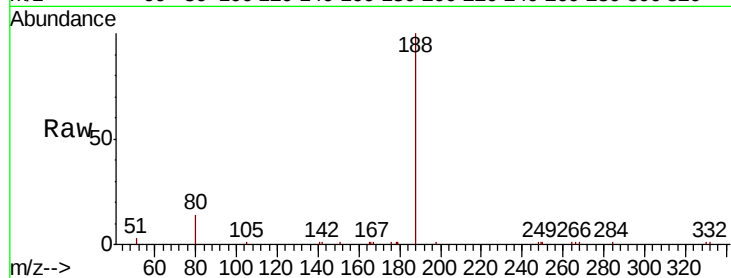
Tot Ion:188 Resp: 19451

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.4 10.8 16.2



#20

4-Bromophenyl-phenylether

Concen: 0.378 ng

RT: 16.30 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

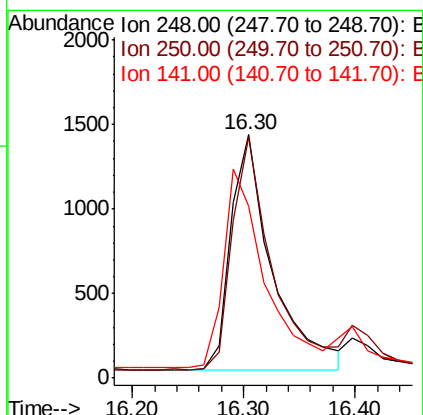
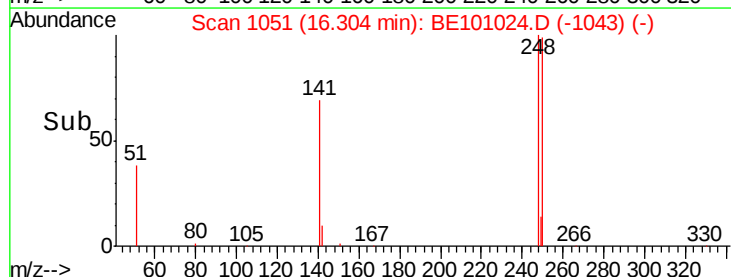
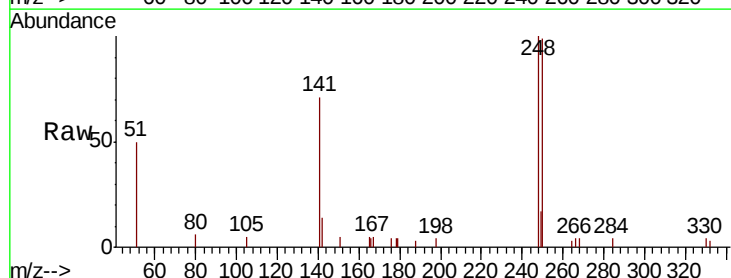
Tgt Ion:248 Resp: 3581

Ion Ratio Lower Upper

248 100

250 99.0 76.6 115.0

141 70.6 57.7 86.5

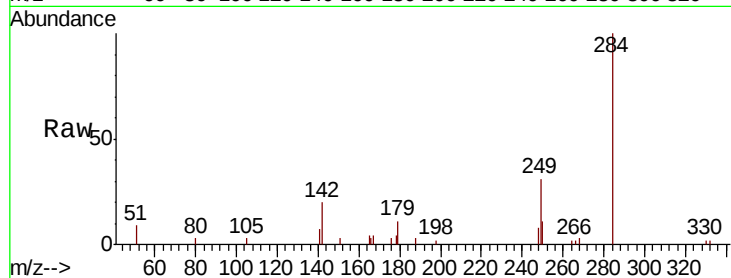




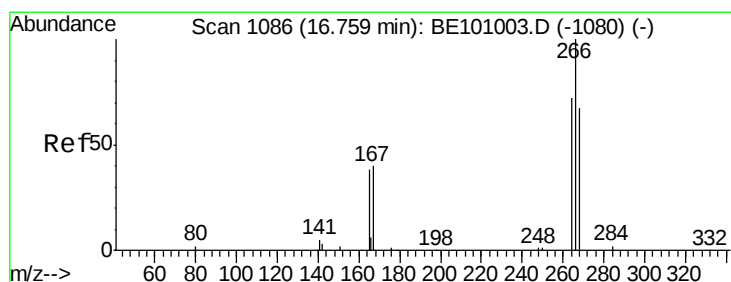
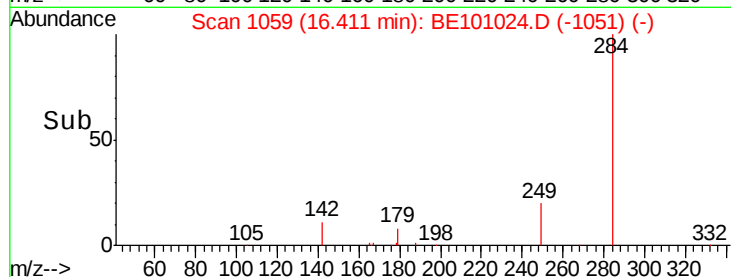
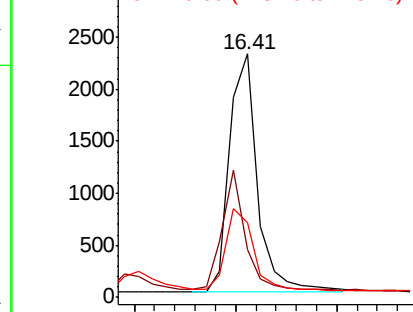
#21
Hexachlorobenzene
Concen: 0.424 ng
RT: 16.41 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BE101024.D
Acq: 10 Jan 2020 15:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
284	100		
142	40.6	34.0	51.0
249	33.5	28.2	42.4

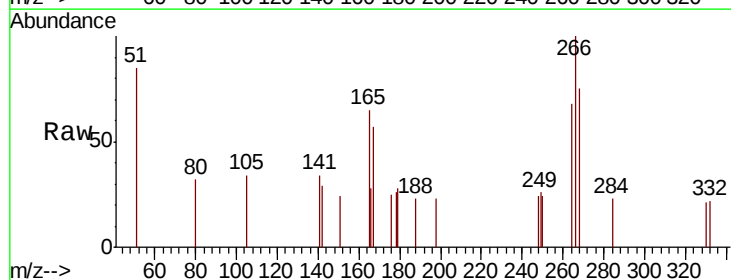


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

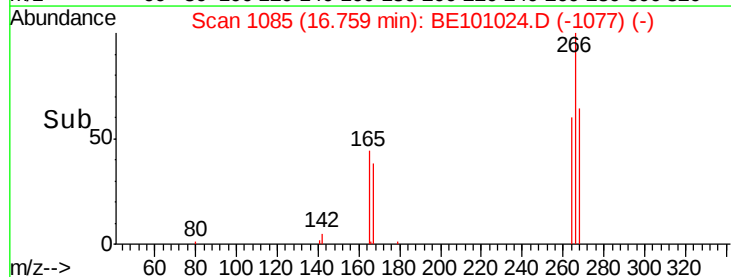
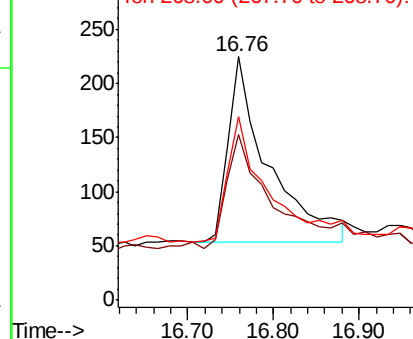


#22
Pentachlorophenol
Concen: 0.401 ng
RT: 16.76 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BE101024.D
Acq: 10 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
266	100		
264	68.0	61.0	91.4
268	75.1	58.5	87.7



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.395 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

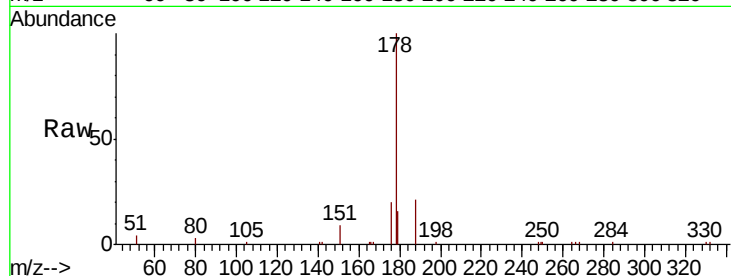
Tot Ion:178 Resp: 20958

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

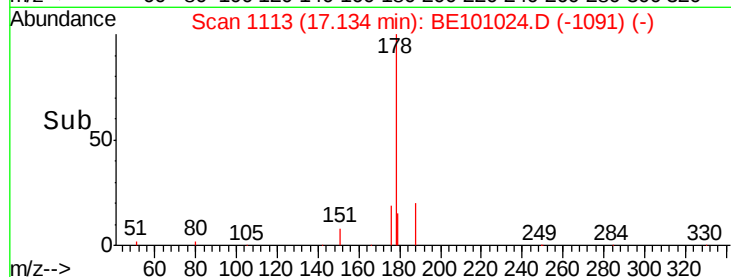
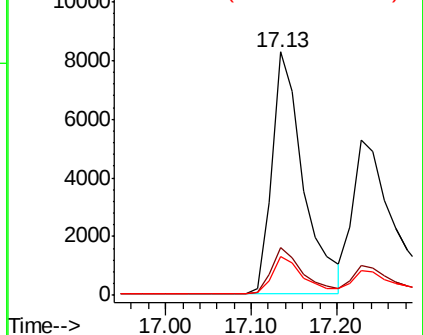
179 15.4 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.377 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

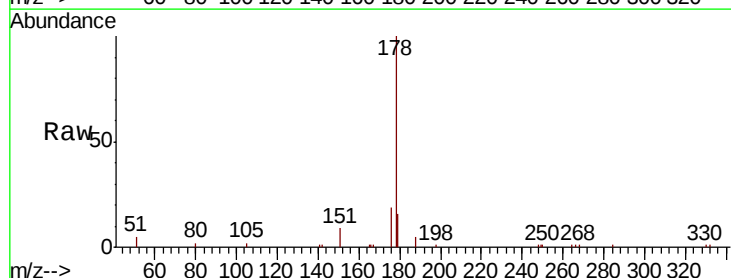
Tgt Ion:178 Resp: 18880

Ion Ratio Lower Upper

178 100

176 18.2 14.8 22.2

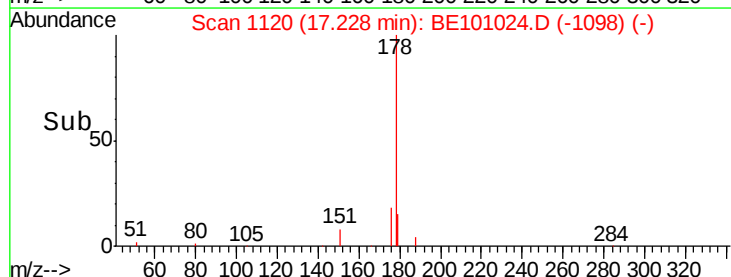
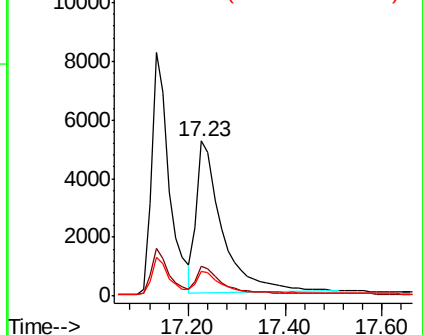
179 15.4 12.4 18.6

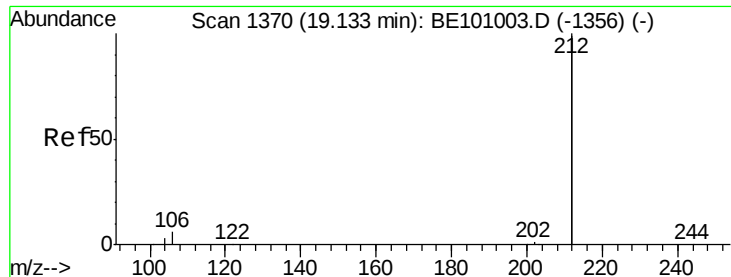


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

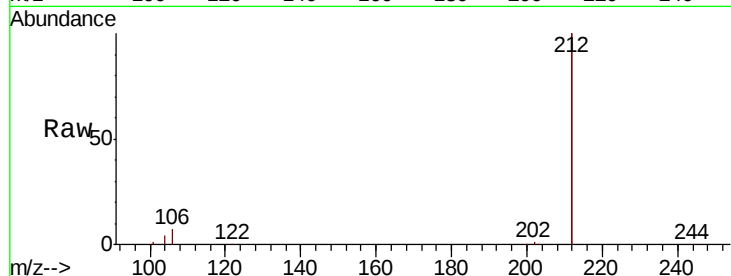
Tot Ion:212 Resp: 97141

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

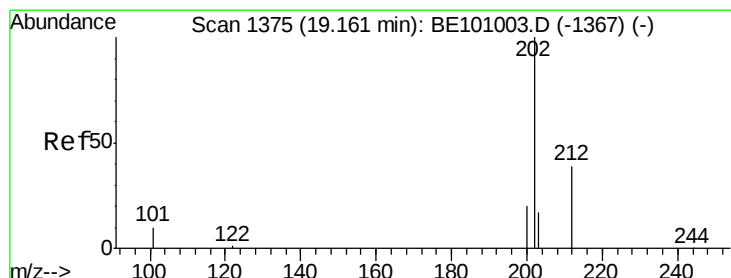
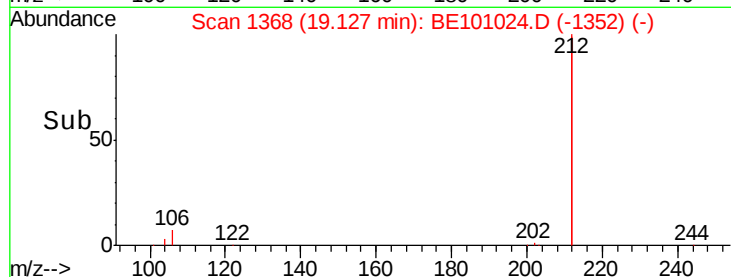
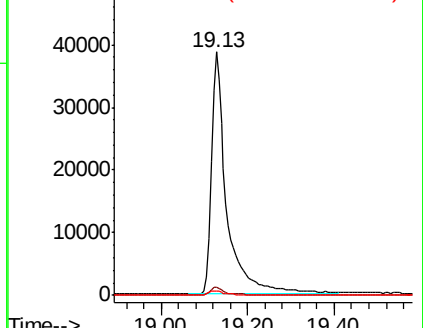
104 1.8 1.4 2.0



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: 0.363 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

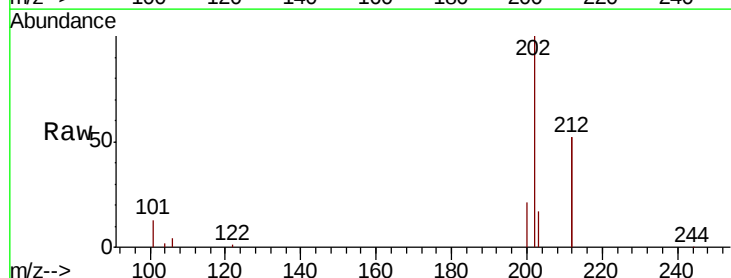
Tgt Ion:202 Resp: 24148

Ion Ratio Lower Upper

202 100

101 11.6 9.6 14.4

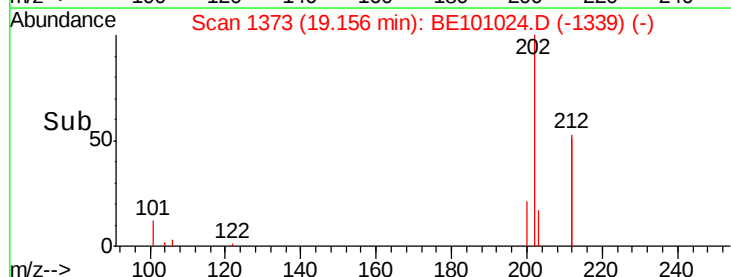
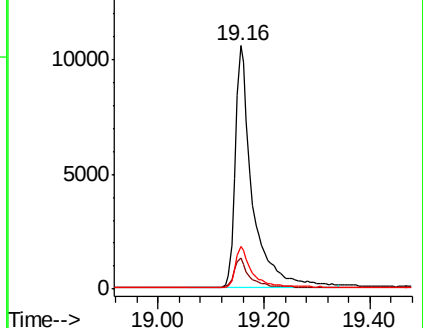
203 16.3 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

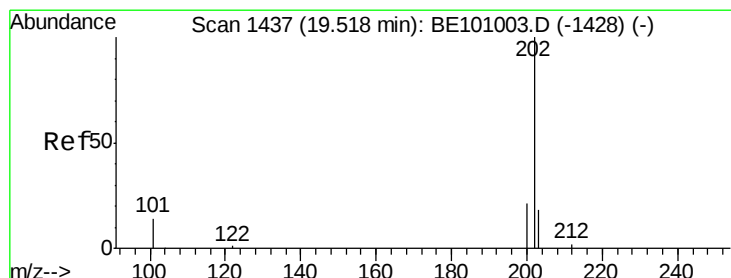
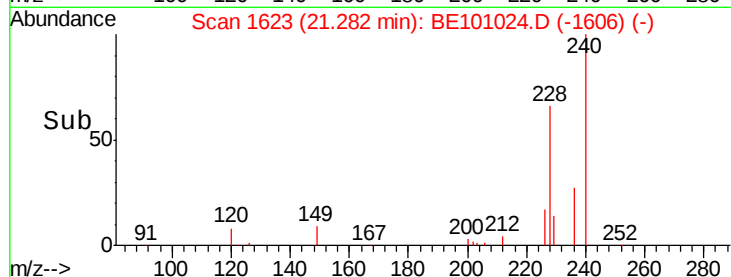
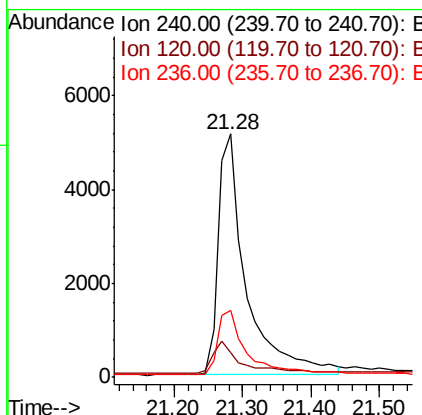
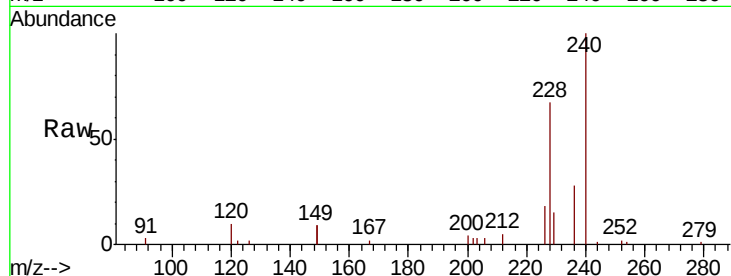




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BE101024.D
 Acq: 10 Jan 2020 15:02

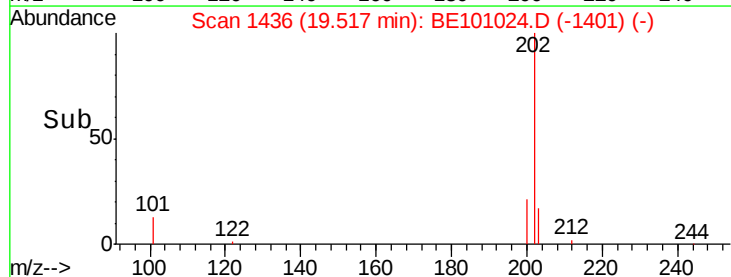
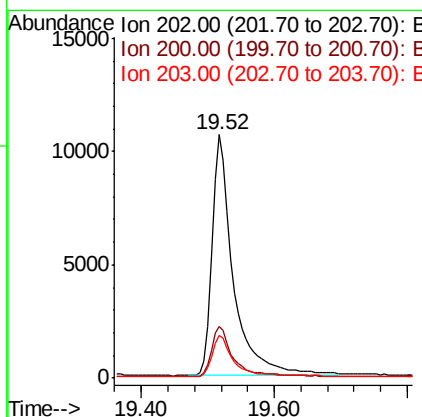
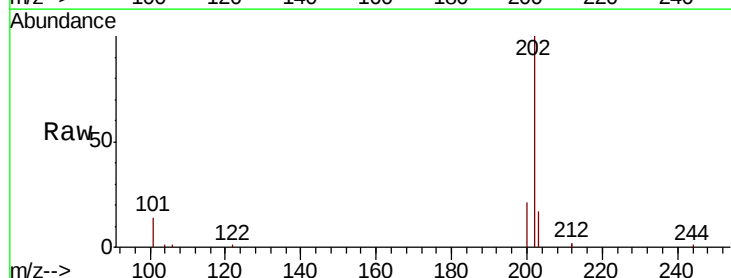
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:240 Resp: 14648
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.6 13.0
 236 27.7 22.2 33.4



#28
 Pyrene
 Concen: 0.434 ng
 RT: 19.52 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BE101024.D
 Acq: 10 Jan 2020 15:02

Tgt Ion:202 Resp: 23687
 Ion Ratio Lower Upper
 202 100
 200 20.6 17.0 25.4
 203 17.2 13.8 20.6





#29

Terphenyl-d14

Concen: 0.425 ng

RT: 19.74 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

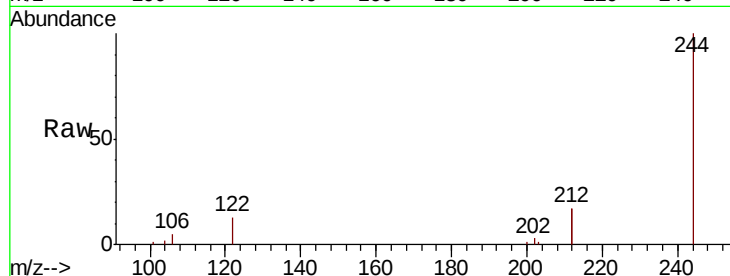
Tot Ion:244 Resp: 15298

Ion Ratio Lower Upper

244 100

212 33.9 27.2 40.8

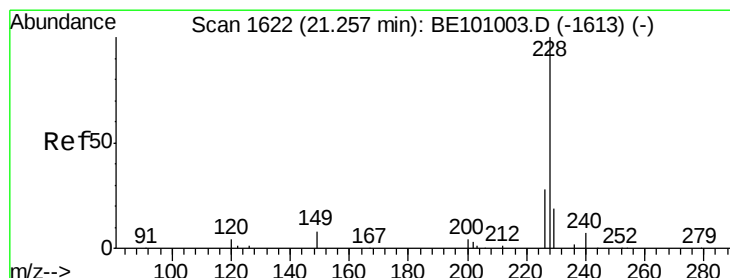
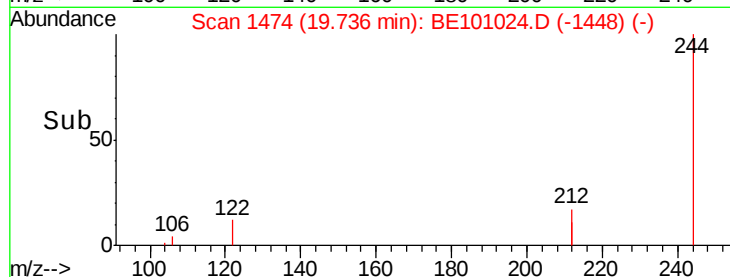
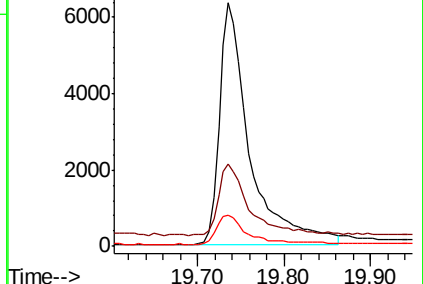
122 12.9 9.8 14.8



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: 0.311 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

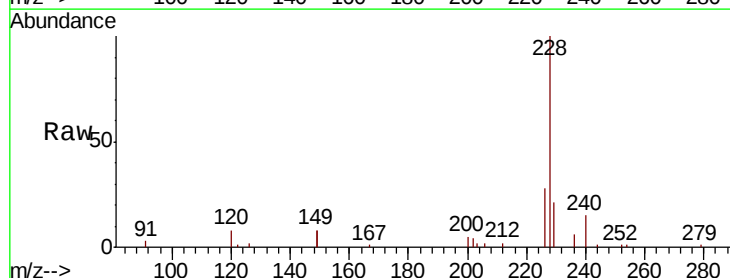
Tgt Ion:228 Resp: 13013

Ion Ratio Lower Upper

228 100

226 28.0 22.7 34.1

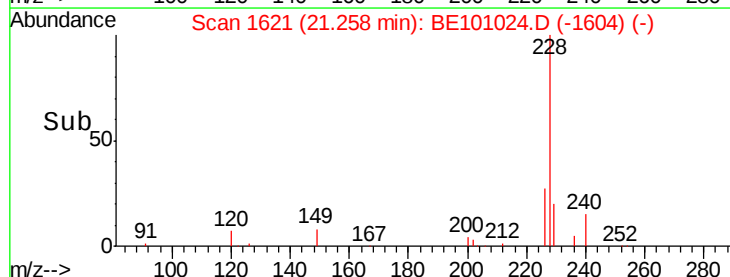
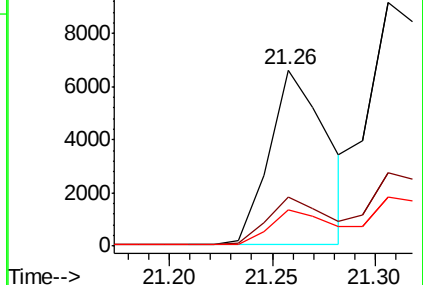
229 20.5 15.5 23.3



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: 0.458 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

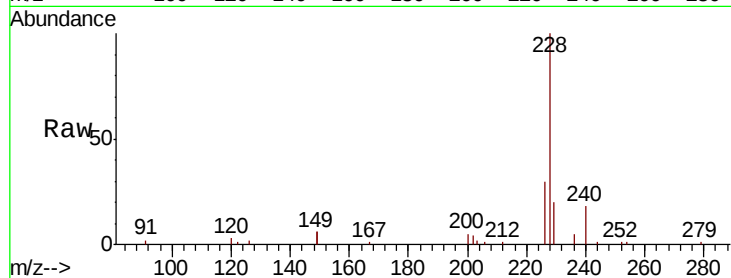
Tot Ion:228 Resp: 28434

Ion Ratio Lower Upper

228 100

226 30.4 23.5 35.3

229 20.0 16.7 25.1

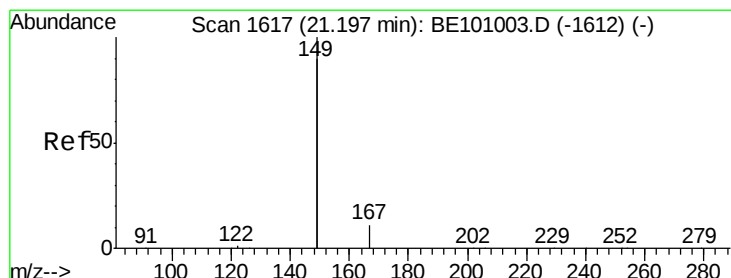
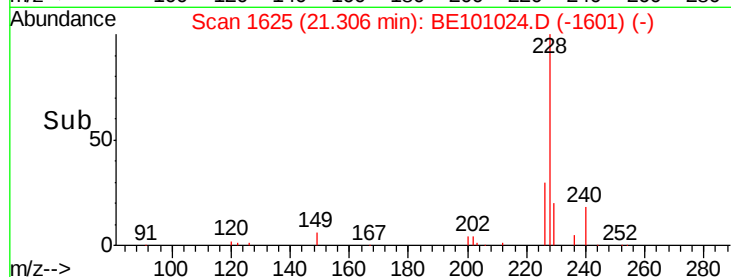
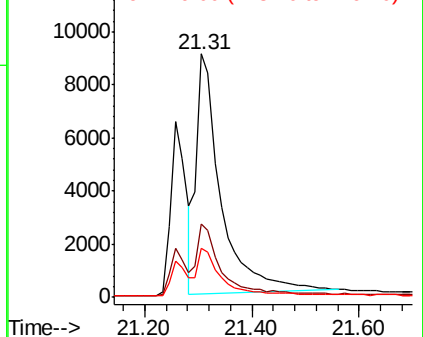


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.293 ng

RT: 21.20 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

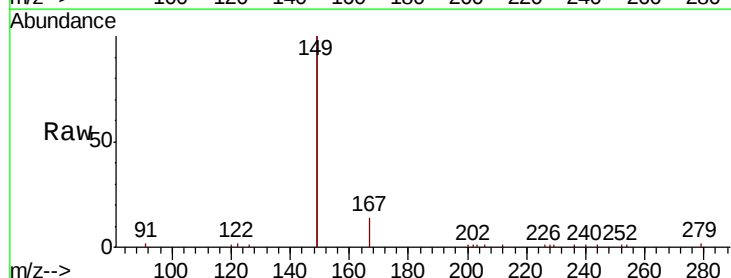
Tgt Ion:149 Resp: 20396

Ion Ratio Lower Upper

149 100

167 6.6 5.2 7.8

279 1.1 0.8 1.2

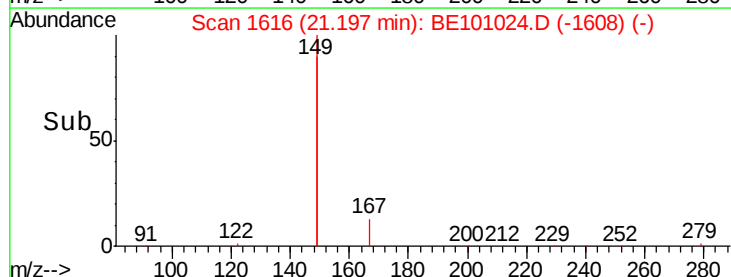
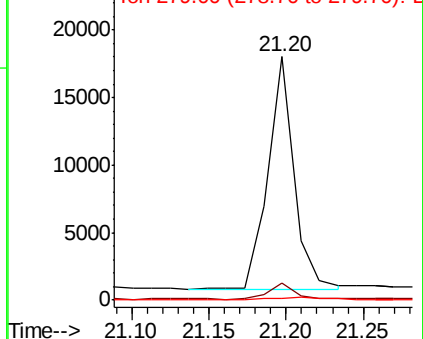


Abundance

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

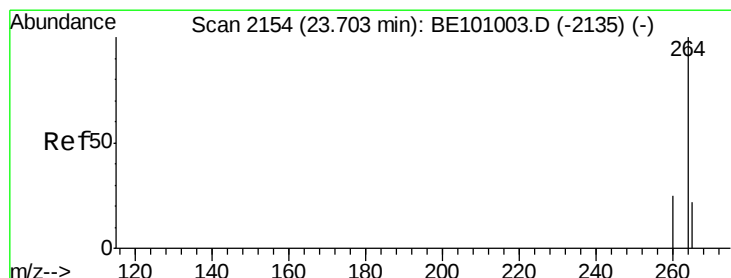
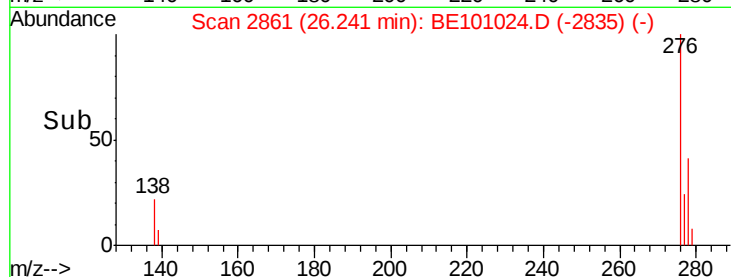
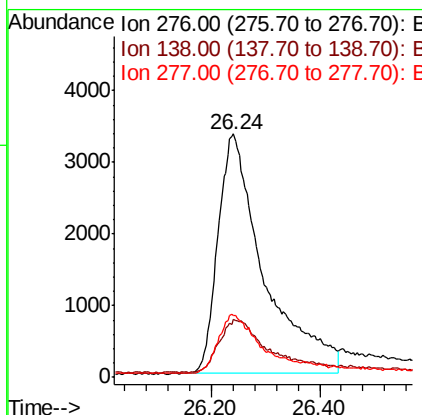
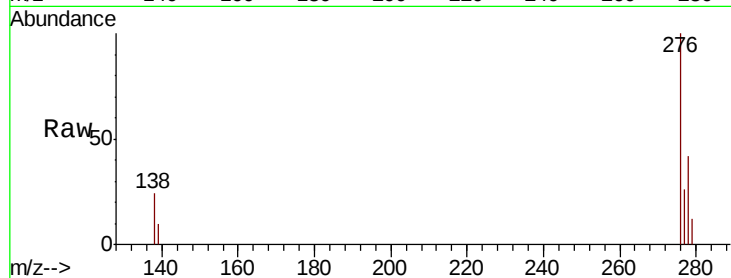




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng
RT: 26.24 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BE101024.D
Acq: 10 Jan 2020 15:02

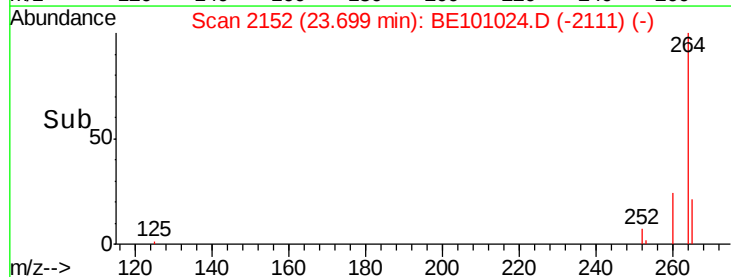
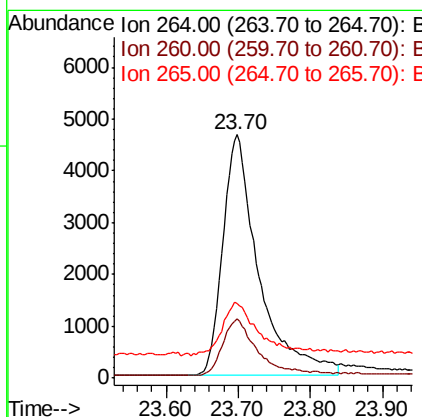
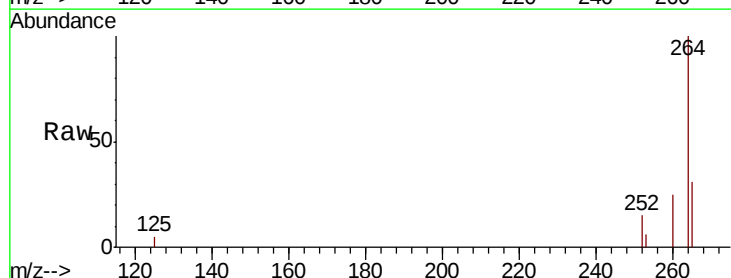
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:276 Resp: 19688
Ion Ratio Lower Upper
276 100
138 22.5 16.1 24.1
277 22.4 18.1 27.1



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.70 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BE101024.D
Acq: 10 Jan 2020 15:02

Tgt Ion:264 Resp: 15880
Ion Ratio Lower Upper
264 100
260 24.6 20.3 30.5
265 30.6 27.0 40.4





#35

Benzo(b)fluoranthene

Concen: 0.320 ng

RT: 22.95 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

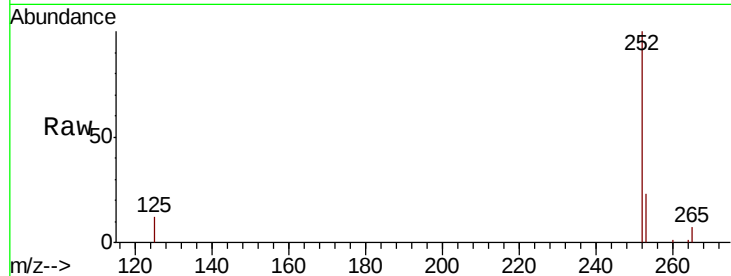
Tot Ion:252 Resp: 14257

Ion Ratio Lower Upper

252 100

253 23.4 18.5 27.7

125 11.9 9.5 14.3

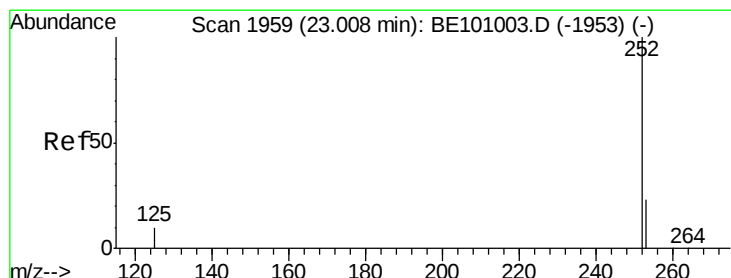
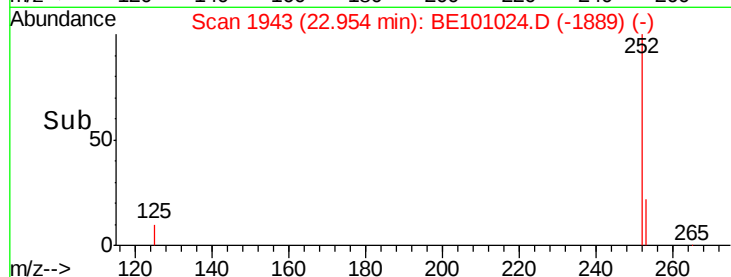
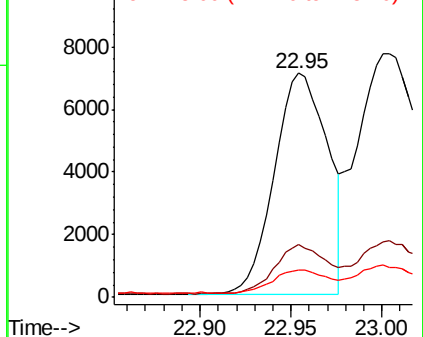


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.430 ng m

RT: 23.00 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

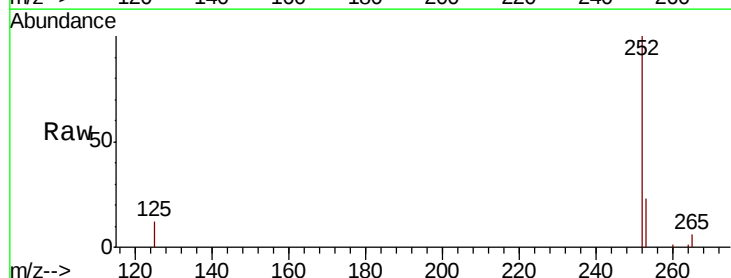
Tgt Ion:252 Resp: 27769

Ion Ratio Lower Upper

252 100

253 23.1 18.9 28.3

125 12.5 10.1 15.1

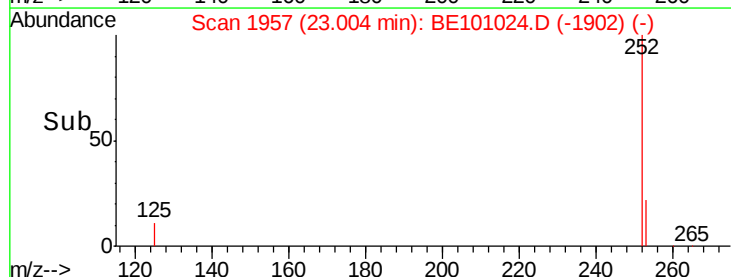
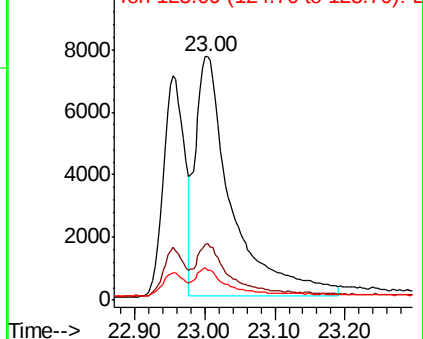


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.375 ng

RT: 23.59 min Scan# 2121

Delta R.T. -0.00 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

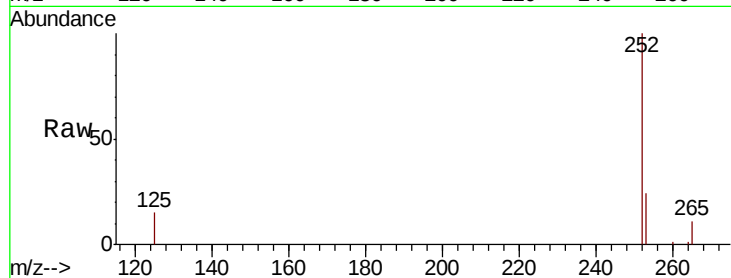
Tot Ion:252 Resp: 16159

Ion Ratio Lower Upper

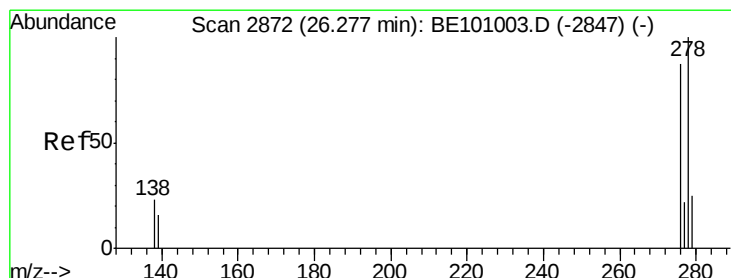
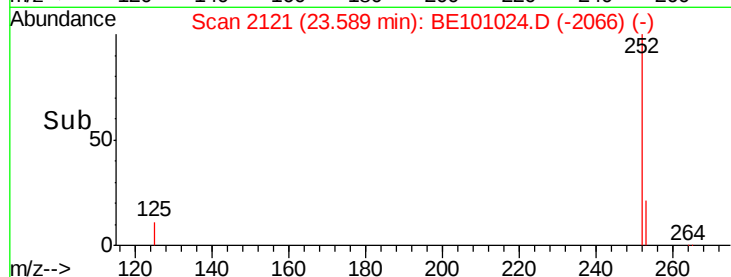
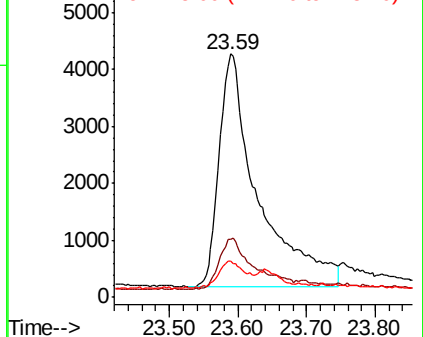
252 100

253 23.6 19.4 29.2

125 14.8 11.8 17.6



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



#38

Dibenzo(a,h)anthracene

Concen: 0.354 ng

RT: 26.27 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

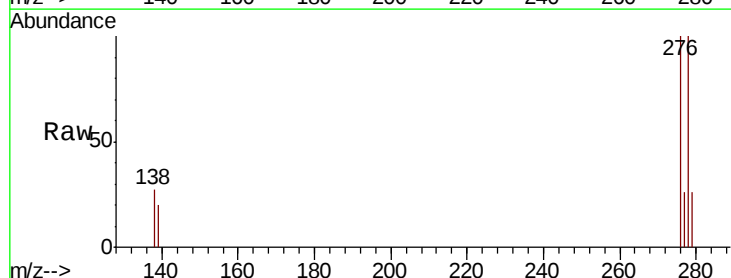
Tgt Ion:278 Resp: 14023

Ion Ratio Lower Upper

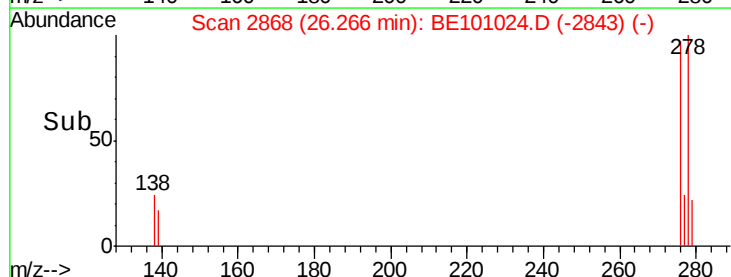
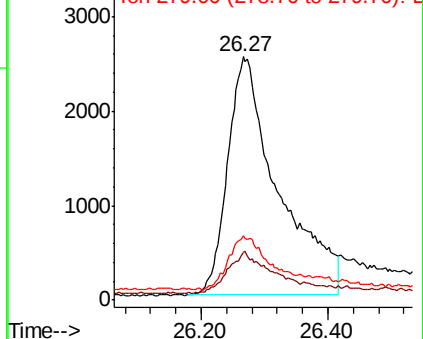
278 100

139 19.6 15.0 22.4

279 26.3 22.6 33.8



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: 0.378 ng

RT: 27.01 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BE101024.D

Acq: 10 Jan 2020 15:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

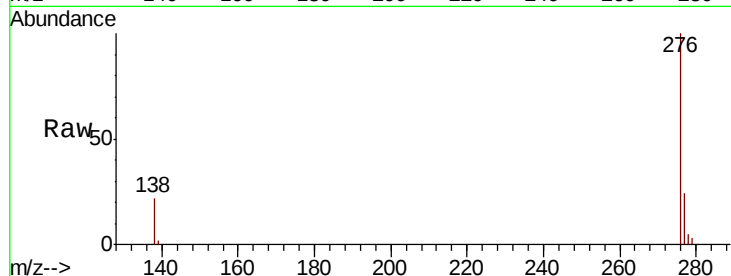
Tot Ion: 276 Resp: 18406

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.2

138 22.4 17.9 26.9



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

