

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
 Data File : BN011039.D
 Acq On : 24 Jun 2020 09:39
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 24 11:02:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 18:53:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2746	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	9831	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	5355	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	9957	0.40	ng	0.00
29) Chrysene-d12	21.11	240	9940	0.40	ng	0.00
36) Perylene-d12	23.26	264	8720	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	3268	0.42	ng	0.00
5) Phenol-d6	6.73	99	3571	0.39	ng	0.02
8) Nitrobenzene-d5	8.66	82	3585	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	11.87	152	6429	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	920	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	10105	0.40	ng	0.00
27) Fluoranthene-d10	18.94	212	12340	0.39	ng	0.00
31) Terphenyl-d14	19.55	244	10529	0.39	ng	0.00

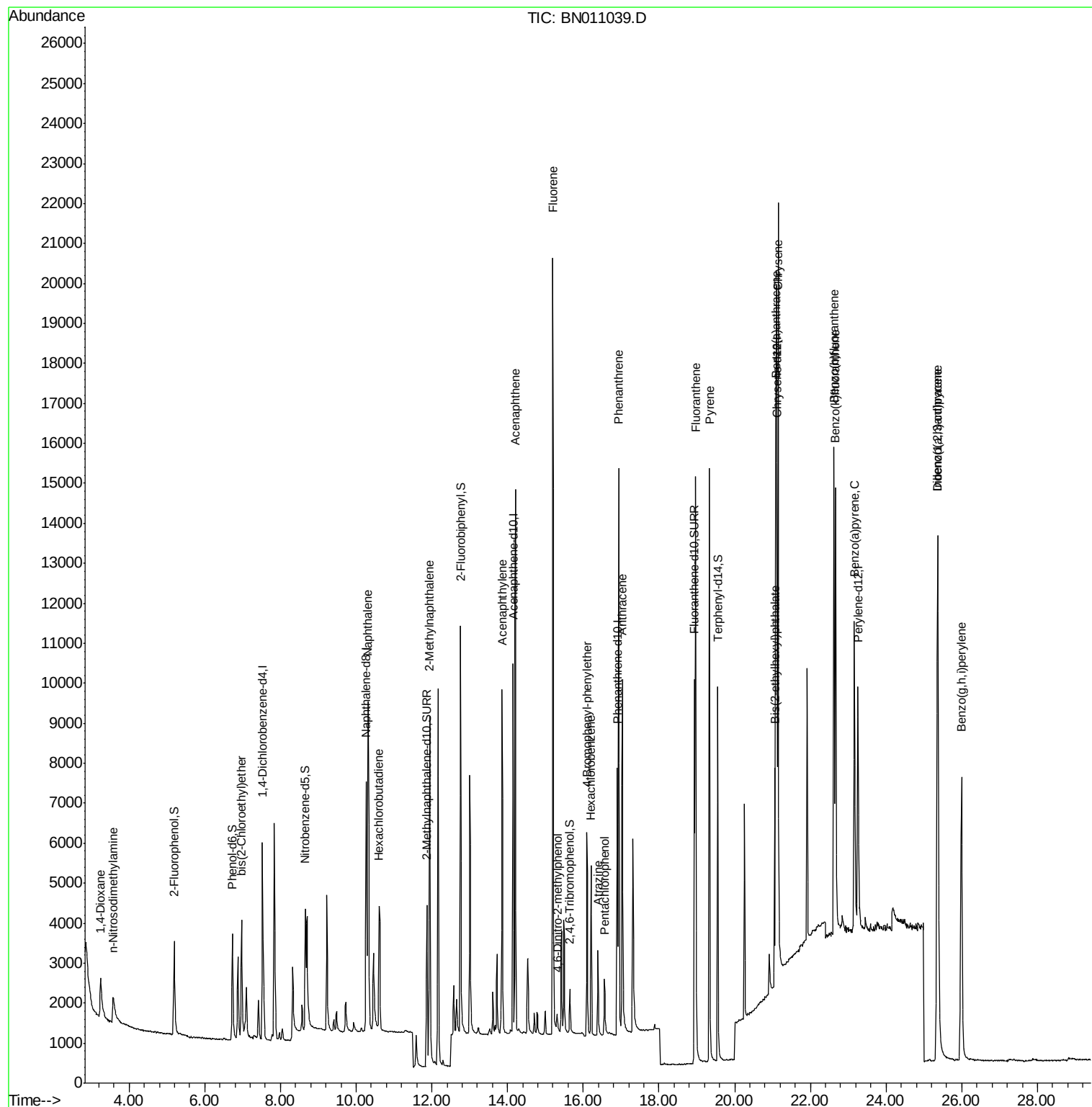
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.25	88	1606	0.435	ng	95
3) n-Nitrosodimethylamine	3.58	42	813	0.395	ng	# 87
6) bis(2-Chloroethyl)ether	6.98	93	3297	0.416	ng	99
9) Naphthalene	10.32	128	11454	0.384	ng	99
10) Hexachlorobutadiene	10.61	225	2726	0.379	ng	# 99
12) 2-Methylnaphthalene	11.94	142	7407	0.370	ng	98
16) Acenaphthylene	13.85	152	10395	0.385	ng	99
17) Acenaphthene	14.21	154	7281	0.402	ng	100
18) Fluorene	15.20	166	8942	0.387	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	569	0.341	ng	94
21) 4-Bromophenyl-phenylether	16.09	248	2887	0.419	ng	92
22) Hexachlorobenzene	16.20	284	3265	0.429	ng	100
23) Atrazine	16.39	200	2024	0.398	ng	95
24) Pentachlorophenol	16.56	266	929	0.386	ng	93
25) Phenanthrene	16.93	178	14343	0.427	ng	100
26) Anthracene	17.03	178	11147	0.400	ng	99
28) Fluoranthene	18.97	202	14873	0.388	ng	100
30) Pyrene	19.33	202	14805	0.387	ng	100
32) Benzo(a)anthracene	21.09	228	13672	0.397	ng	99
33) Chrysene	21.14	228	17611	0.469	ng	99
34) Bis(2-ethylhexyl)phthalate	21.06	149	5135	0.371	ng	99
35) Indeno(1,2,3-cd)pyrene	25.36	276	16526	0.396	ng	99
37) Benzo(b)fluoranthene	22.62	252	14381	0.417	ng	99
38) Benzo(k)fluoranthene	22.67	252	15112	0.421	ng	99
39) Benzo(a)pyrene	23.17	252	12513	0.408	ng	100
40) Dibenzo(a,h)anthracene	25.37	278	13502	0.409	ng	100
41) Benzo(g,h,i)perylene	25.99	276	14348	0.419	ng	99

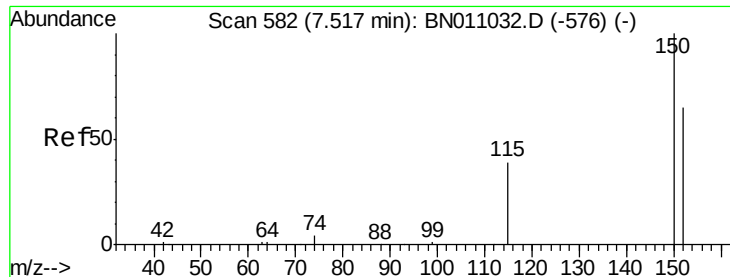
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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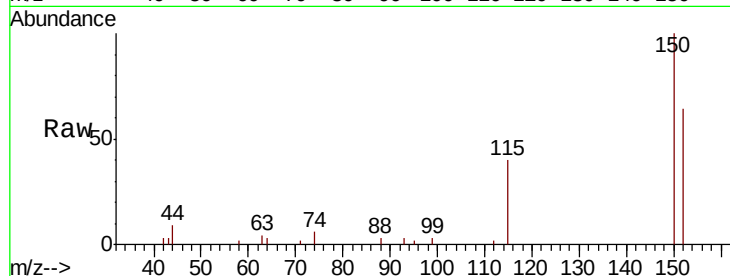


#1

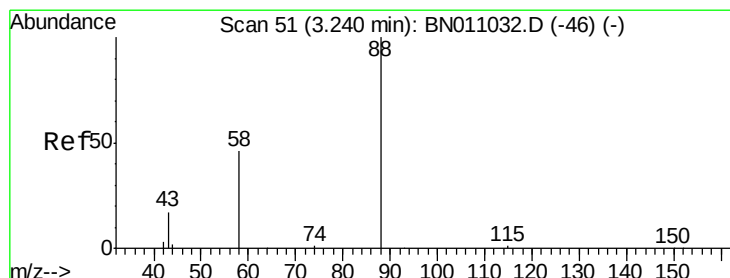
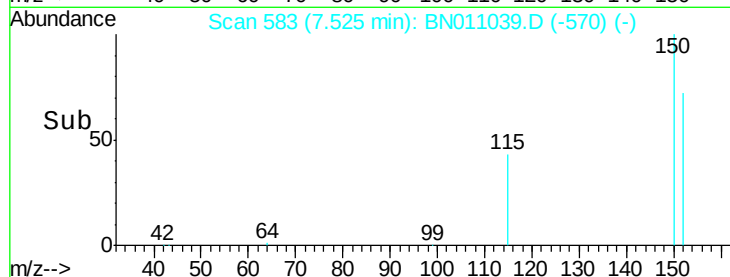
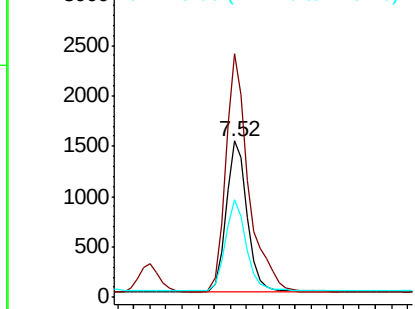
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 2746
Ion Ratio Lower Upper
152 100
150 156.1 121.8 182.8
115 62.3 50.2 75.2



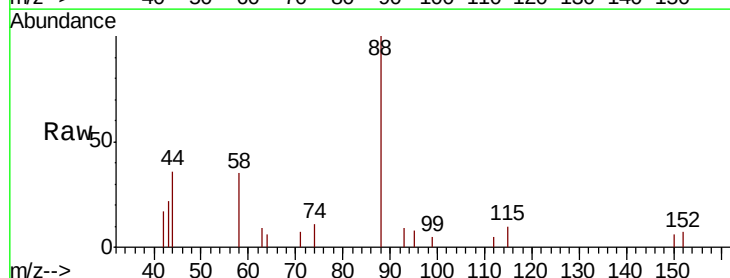
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



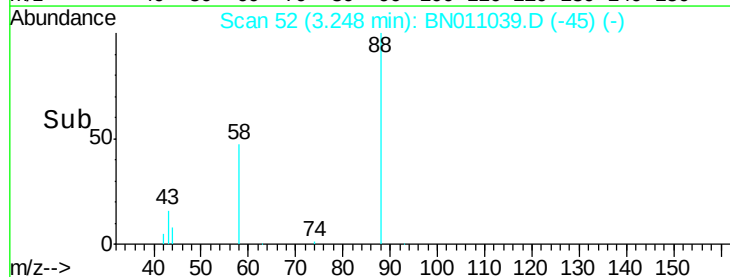
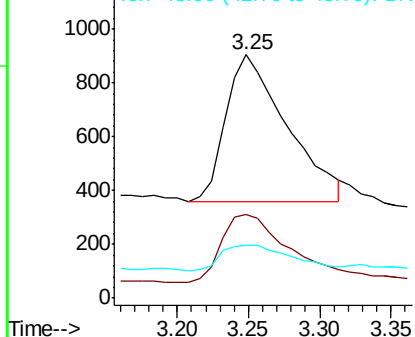
#2

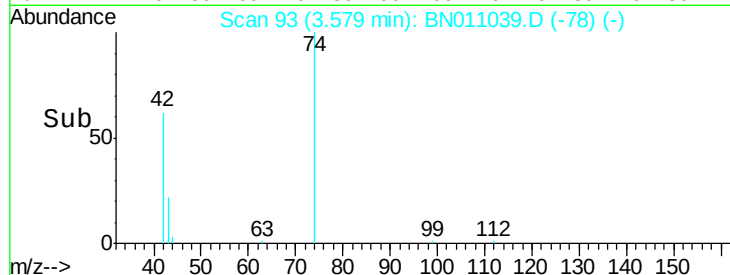
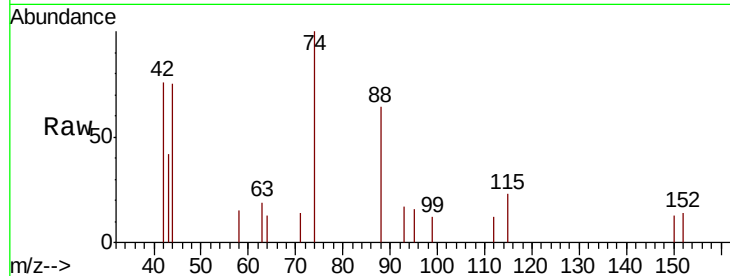
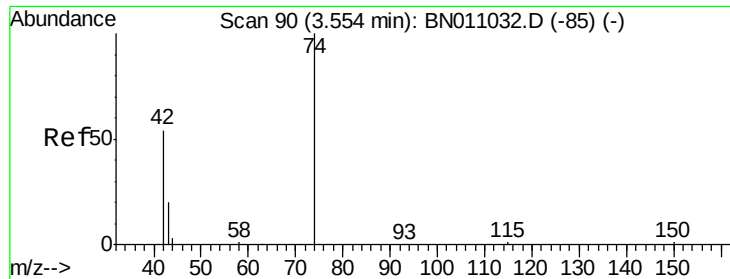
1,4-Dioxane
Concen: 0.435 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion: 88 Resp: 1606
Ion Ratio Lower Upper
88 100
58 51.6 38.4 57.6
43 20.2 14.2 21.4



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





#3

n-Nitrosodimethylamine

Concen: 0.395 ng

RT: 3.58 min Scan# 93

Delta R.T. 0.02 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

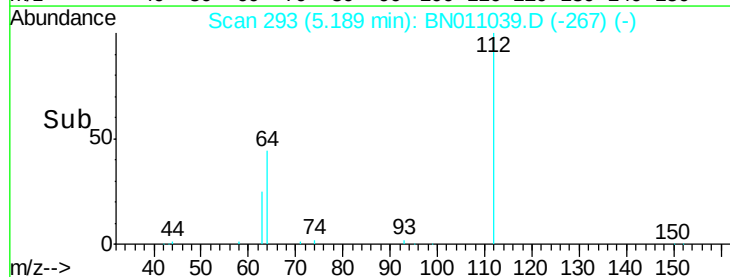
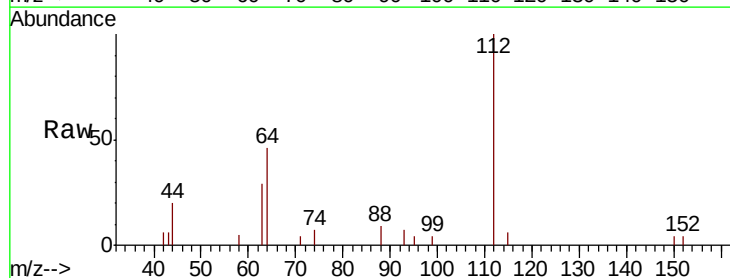
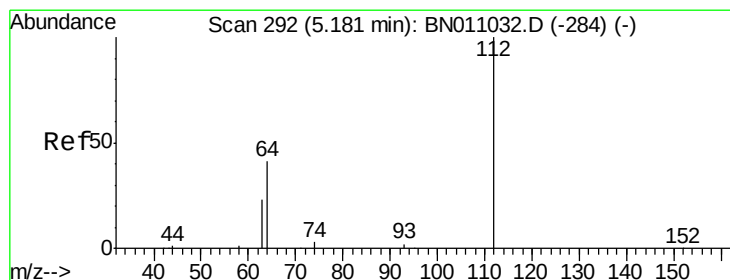
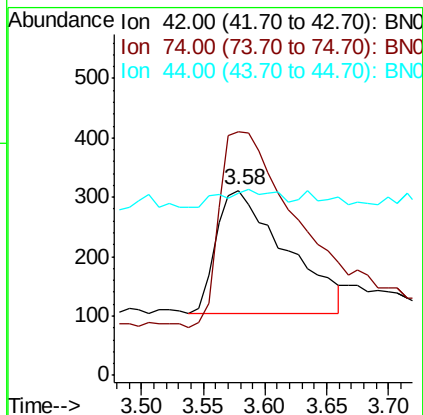
Tot Ion: 42 Resp: 813

Ion Ratio Lower Upper

42 100

74 174.9 154.8 232.2

44 10.7 4.8 7.2#



#4

2-Fluorophenol

Concen: 0.422 ng

RT: 5.19 min Scan# 293

Delta R.T. 0.01 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

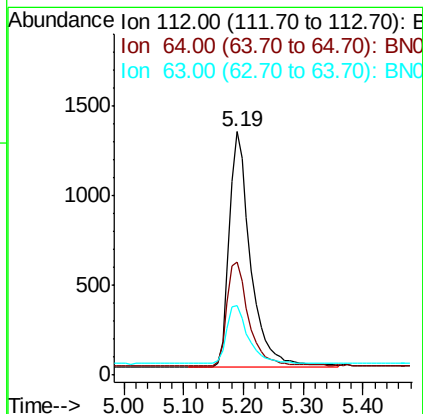
Tgt Ion: 112 Resp: 3268

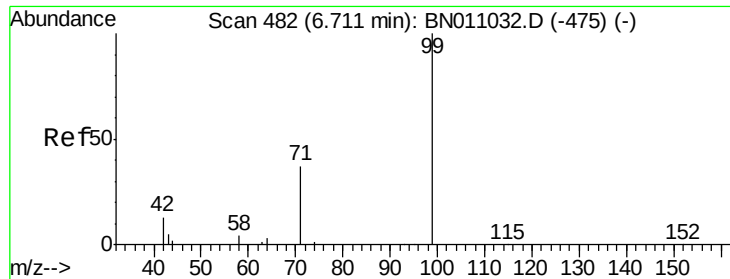
Ion Ratio Lower Upper

112 100

64 45.8 37.3 55.9

63 25.2 20.4 30.6





#5

Phenol-d6

Concen: 0.390 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.02 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

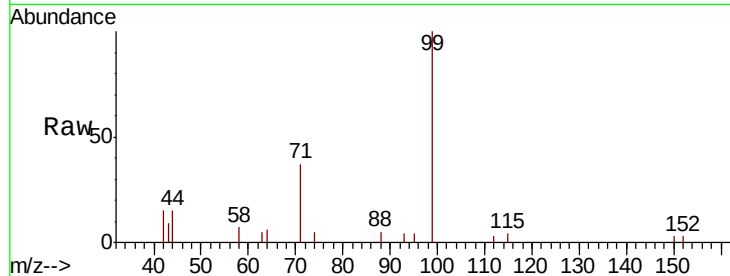
Tot Ion: 99 Resp: 3571

Ion Ratio Lower Upper

99 100

42 13.1 10.6 16.0

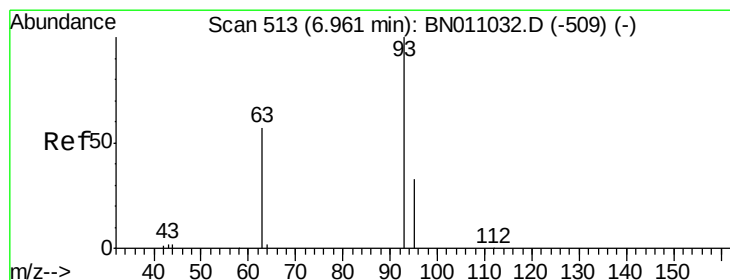
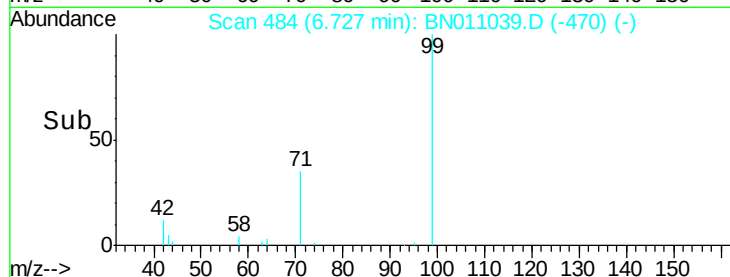
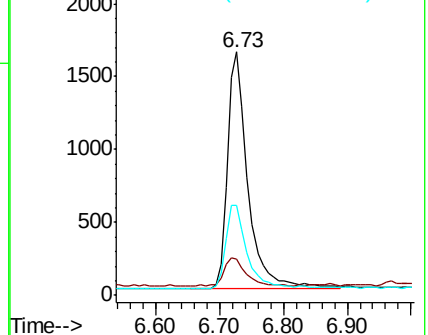
71 36.6 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BN011039.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011039.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011039.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.416 ng

RT: 6.98 min Scan# 515

Delta R.T. 0.02 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

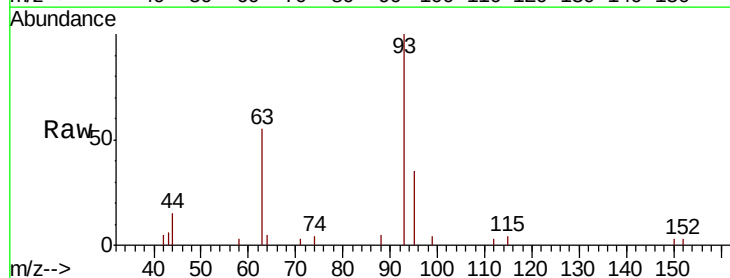
Tgt Ion: 93 Resp: 3297

Ion Ratio Lower Upper

93 100

63 54.9 43.7 65.5

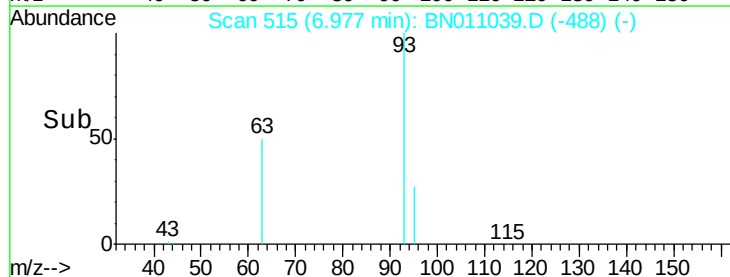
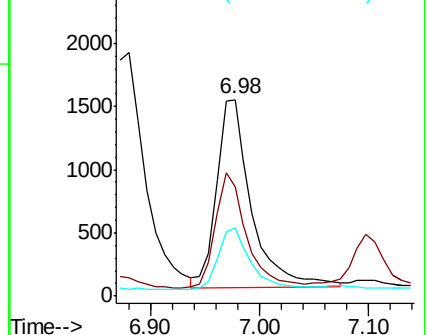
95 30.6 25.3 37.9

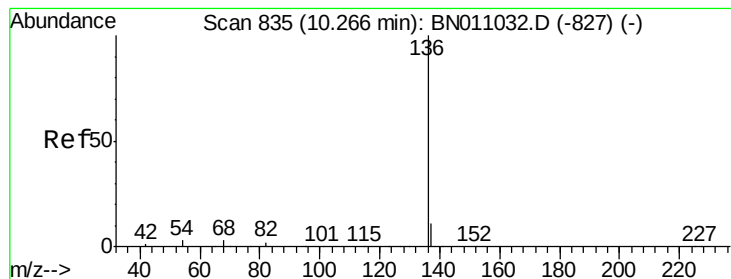


Abundance Ion 93.00 (92.70 to 93.70): BN011039.D (-509) (-)

Ion 63.00 (62.70 to 63.70): BN011039.D (-509) (-)

Ion 95.00 (94.70 to 95.70): BN011039.D (-509) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 9831

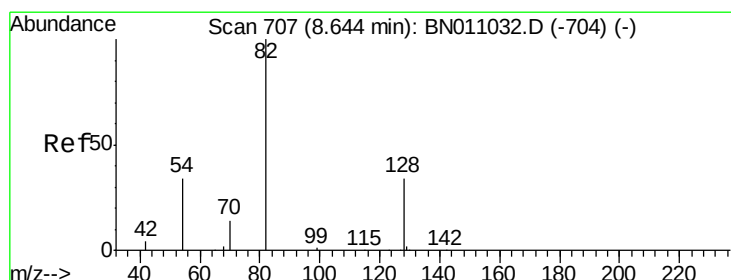
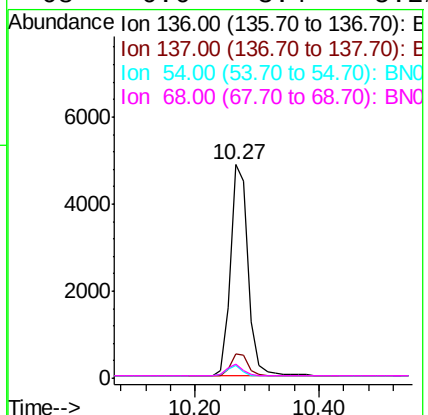
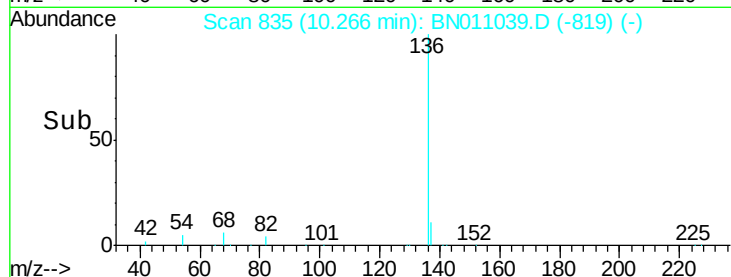
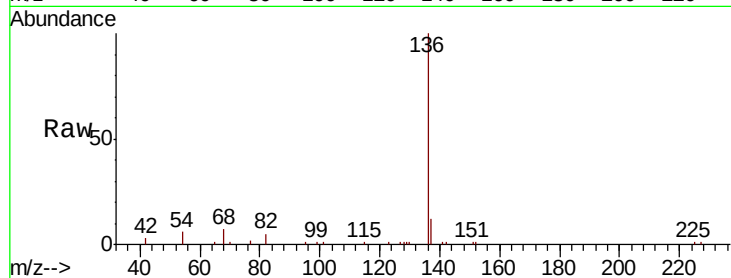
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 5.9 3.0 4.4#

68 6.6 3.4 5.2#



#8

Nitrobenzene-d5

Concen: 0.400 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.01 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

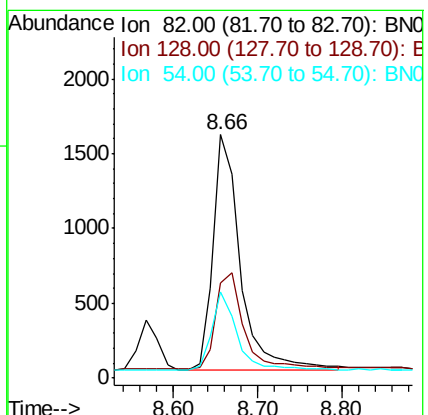
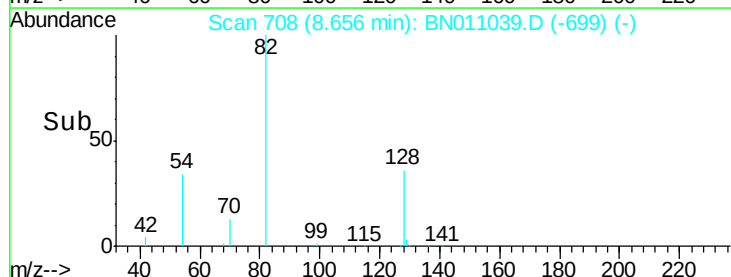
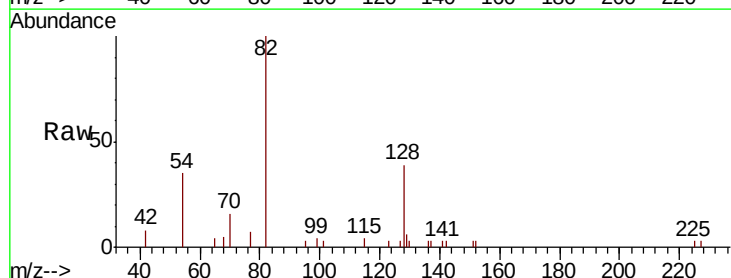
Tgt Ion: 82 Resp: 3585

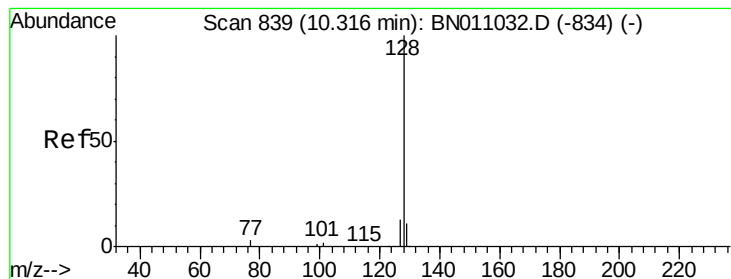
Ion Ratio Lower Upper

82 100

128 38.8 29.4 44.2

54 35.4 28.8 43.2





#9

Naphthalene

Concen: 0.384 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

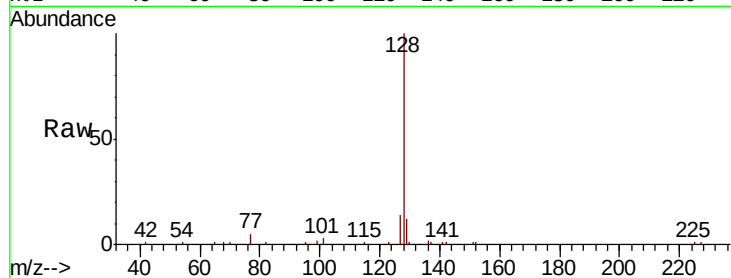
Tot Ion:128 Resp: 11454

Ion Ratio Lower Upper

128 100

129 11.8 9.8 14.6

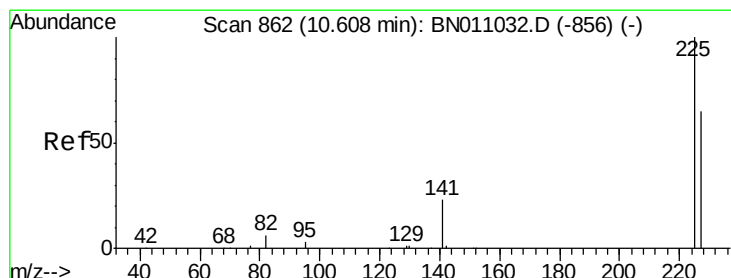
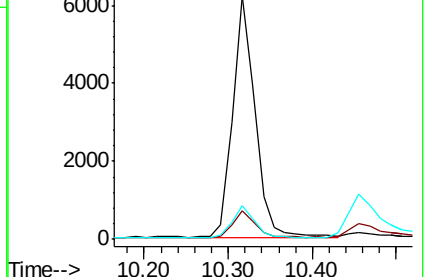
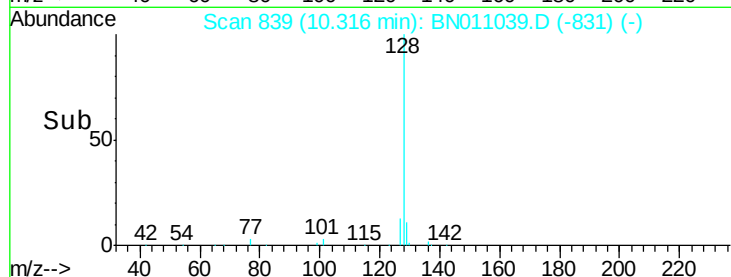
127 13.9 10.9 16.3



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: 0.379 ng

RT: 10.61 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

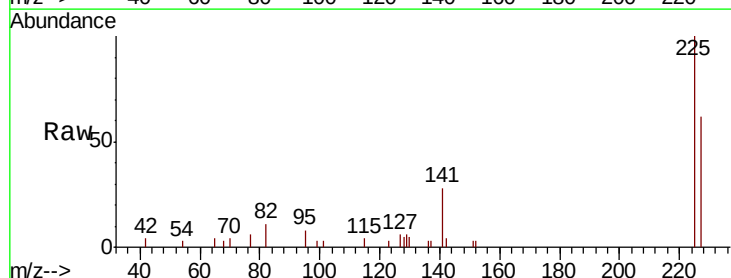
Tgt Ion:225 Resp: 2726

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

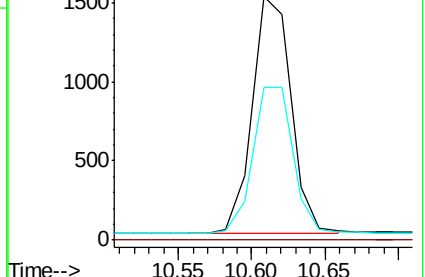
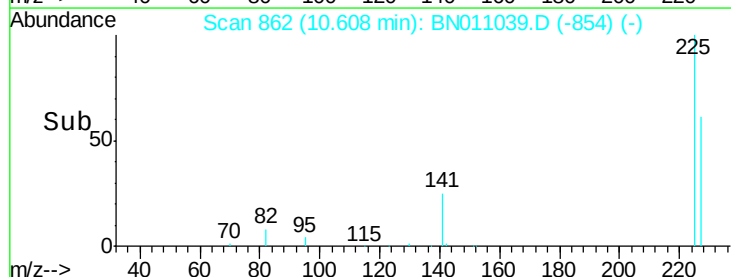
227 64.1 51.7 77.5

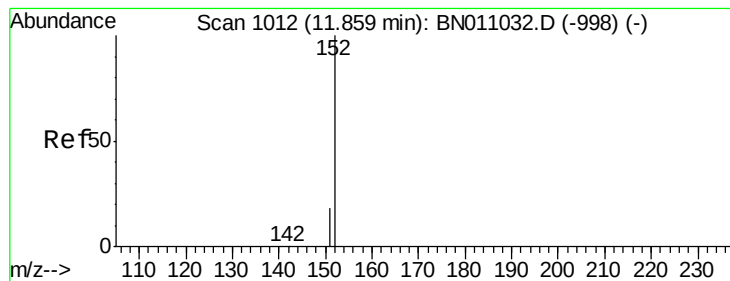


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.371 ng

RT: 11.87 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

Instrument :

BNA_N

ClientSampleId :

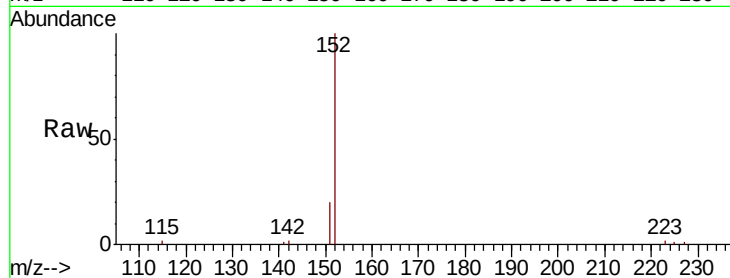
SSTDCCC0.4

Tot Ion:152 Resp: 6429

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.87

4000

3000

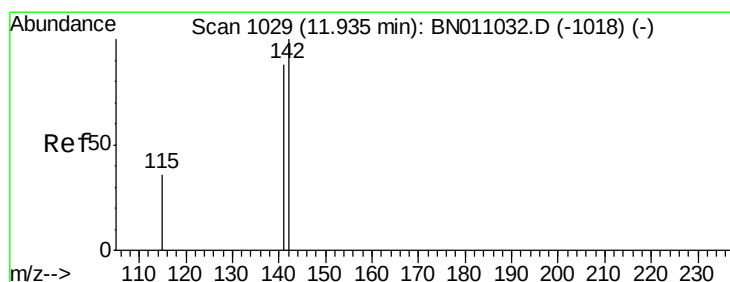
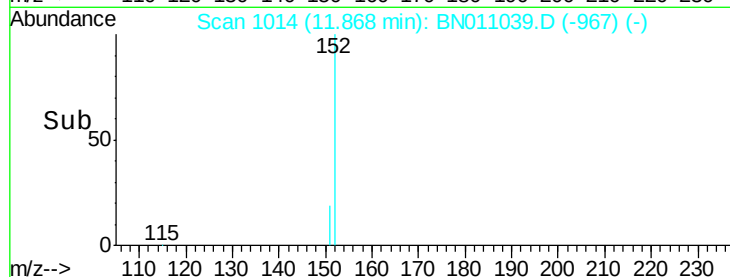
2000

1000

0

Time-->

11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.370 ng

RT: 11.94 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

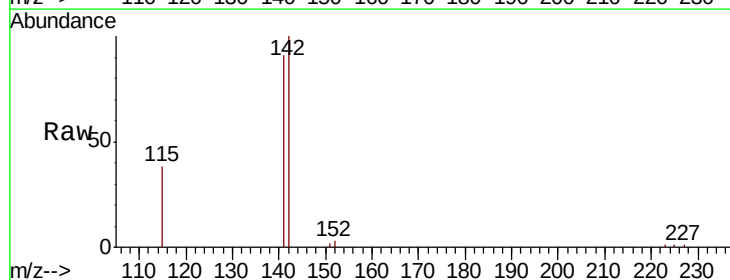
Tgt Ion:142 Resp: 7407

Ion Ratio Lower Upper

142 100

141 90.7 70.6 106.0

115 38.3 30.2 45.2



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

11.94

5000

4000

3000

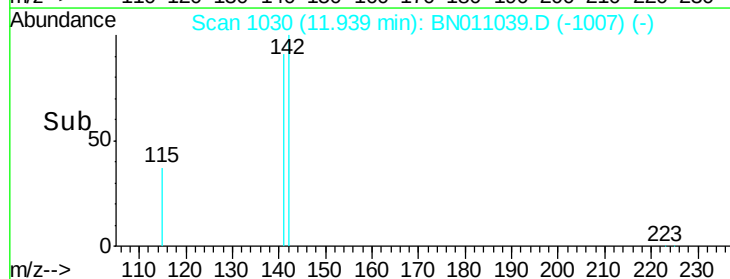
2000

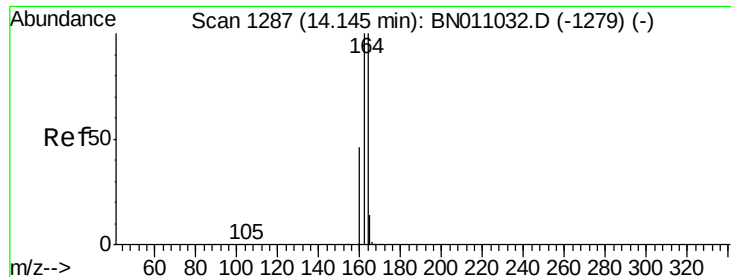
1000

0

Time-->

11.80 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

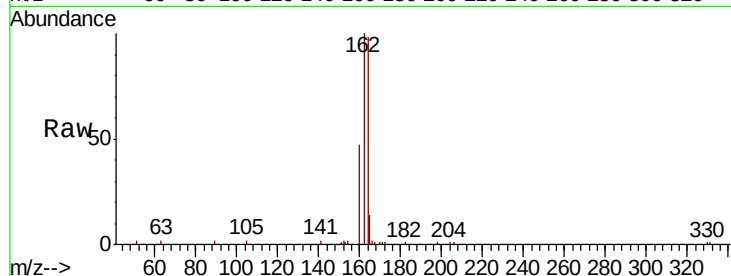
Tot Ion:164 Resp: 5355

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.4

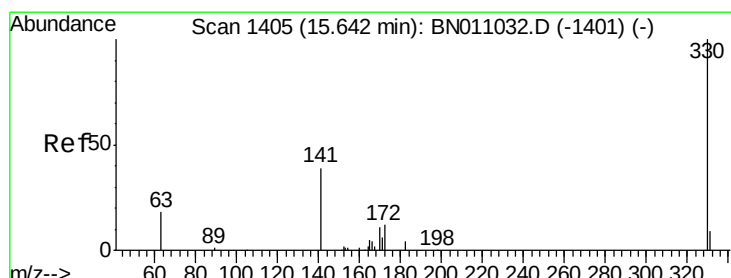
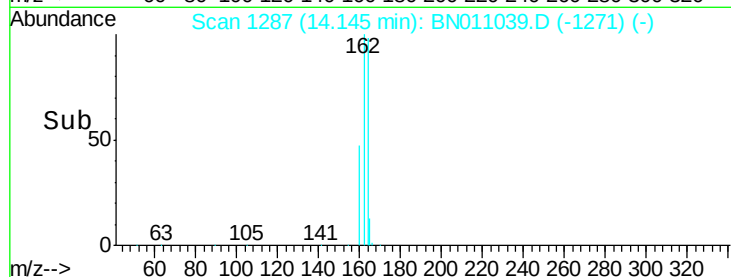
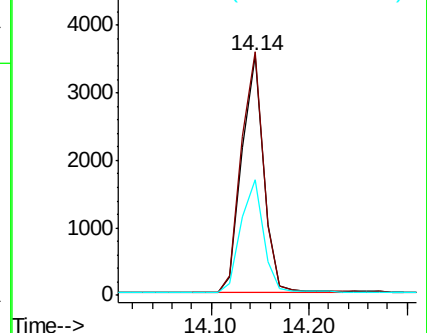
160 48.3 37.7 56.5



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: 0.391 ng

RT: 15.64 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

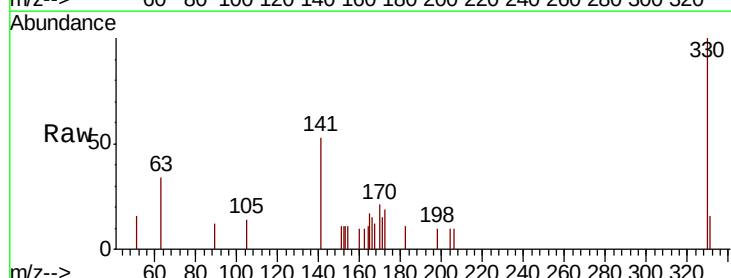
Tgt Ion:330 Resp: 920

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

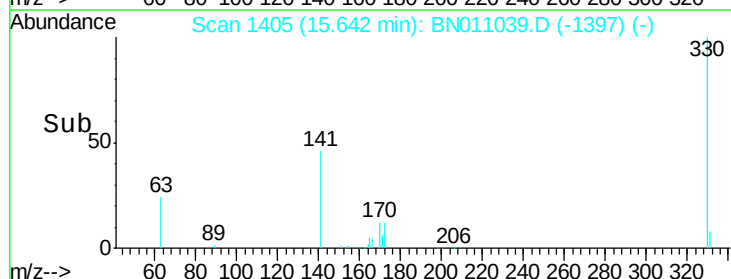
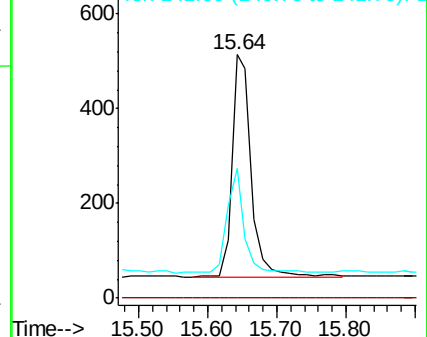
141 41.2 34.5 51.7

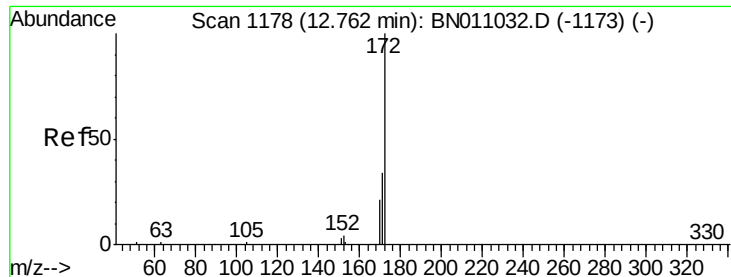


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

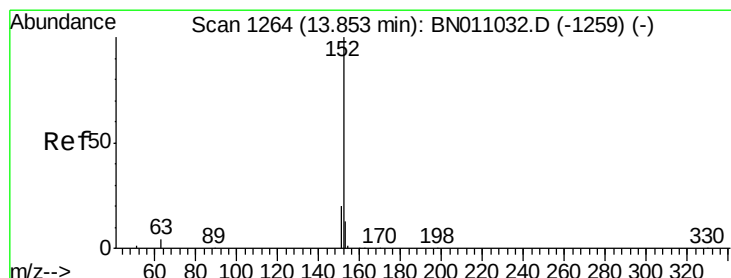
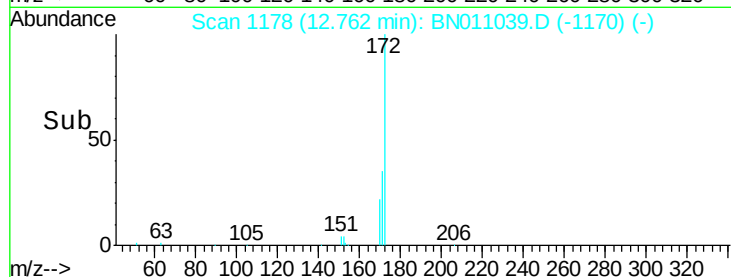
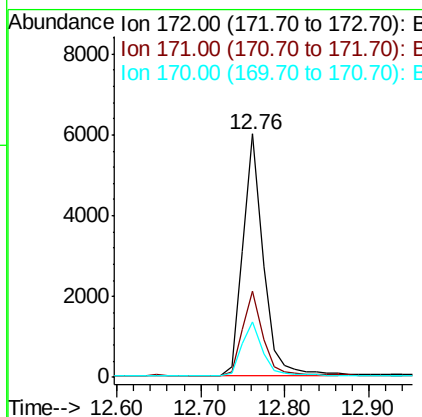
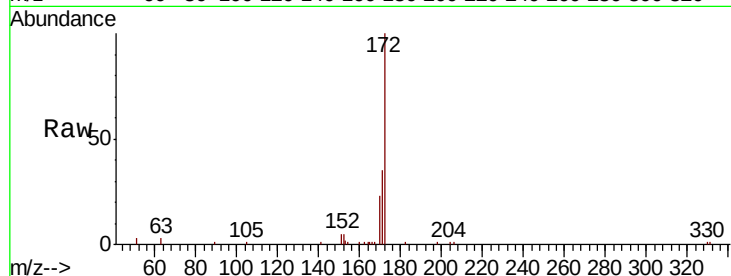




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.76 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

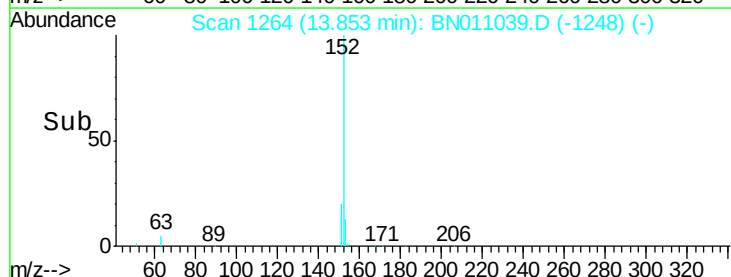
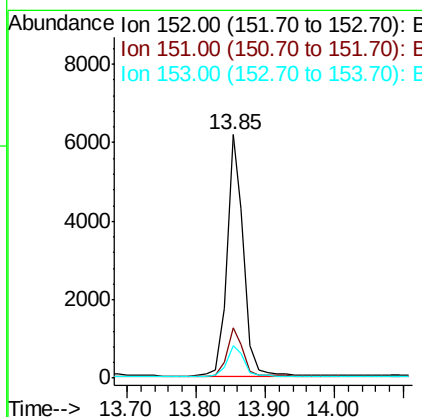
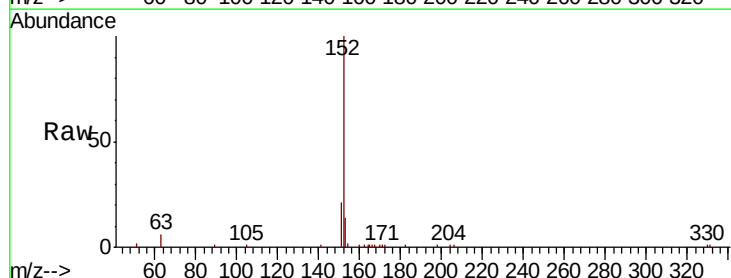
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

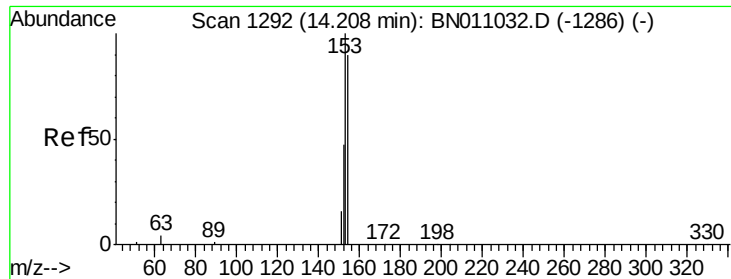
Tot Ion:172	Resp:	10105
Ion Ratio	Lower	Upper
172	100	
171	35.2	27.4 41.2
170	23.0	17.5 26.3



#16
Acenaphthylene
Concen: 0.385 ng
RT: 13.85 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:152	Resp:	10395
Ion Ratio	Lower	Upper
152	100	
151	19.3	15.6 23.4
153	13.0	10.2 15.2





#17

Acenaphthene

Concen: 0.402 ng

RT: 14.21 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

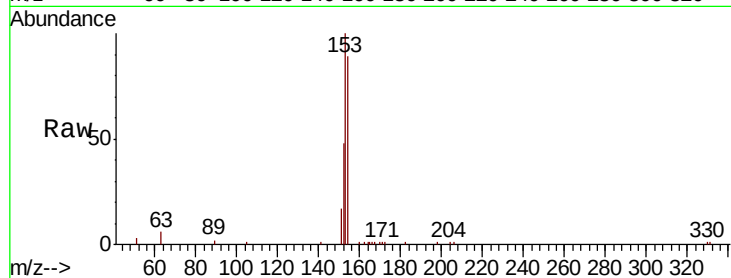
Tot Ion:154 Resp: 7281

Ion Ratio Lower Upper

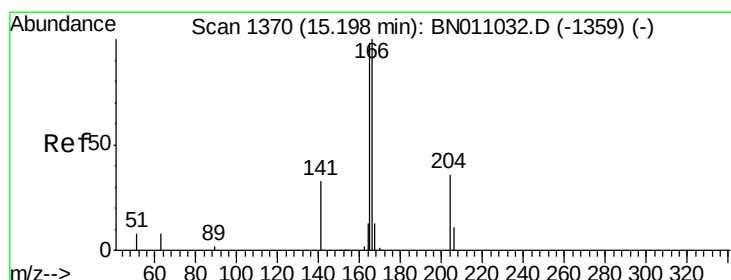
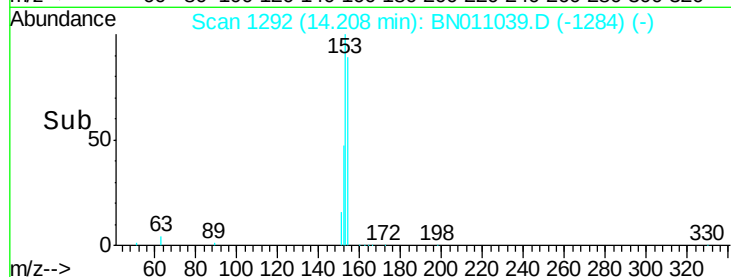
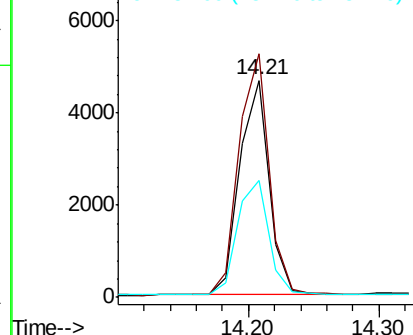
154 100

153 115.0 92.3 138.5

152 57.2 45.5 68.3



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: 0.387 ng

RT: 15.20 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

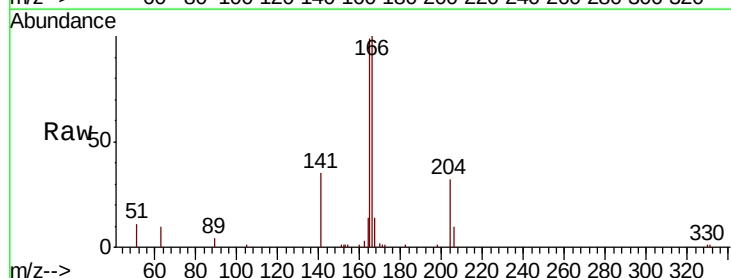
Tgt Ion:166 Resp: 8942

Ion Ratio Lower Upper

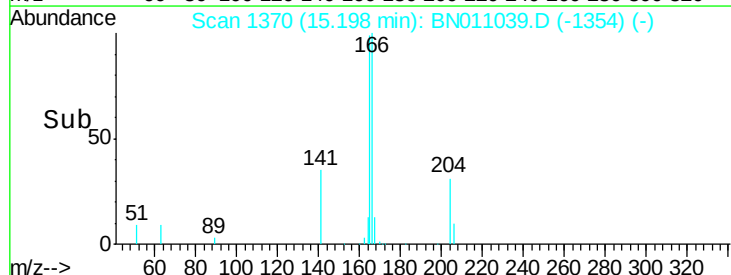
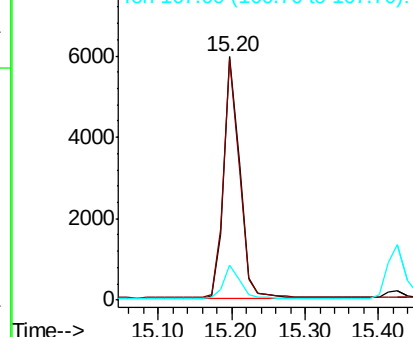
166 100

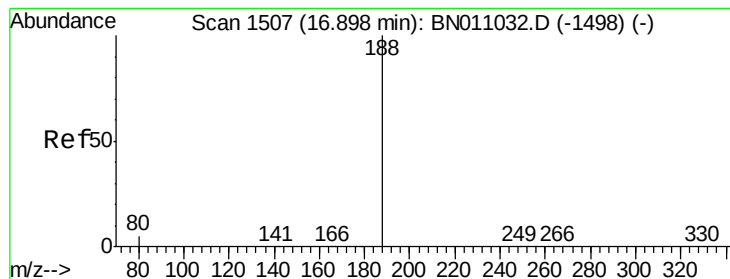
165 98.4 77.8 116.8

167 13.6 10.8 16.2



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: 16.90 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

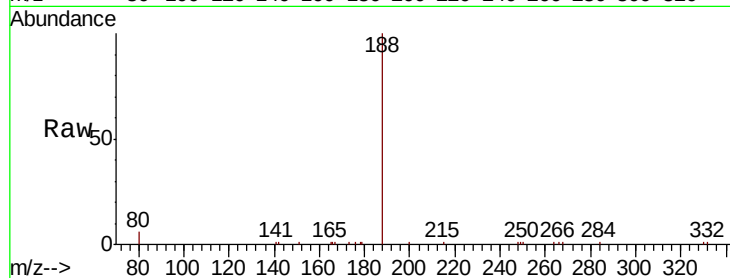
Tot Ion:188 Resp: 9957

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.5 4.6 7.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

16.90

8000

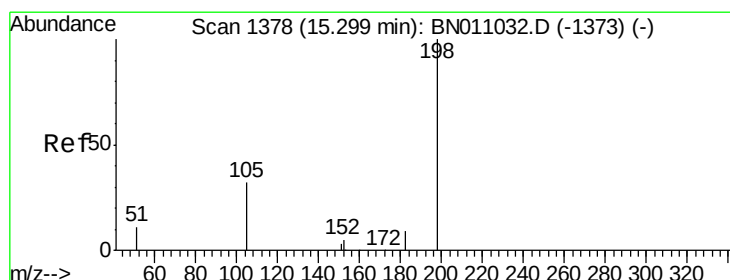
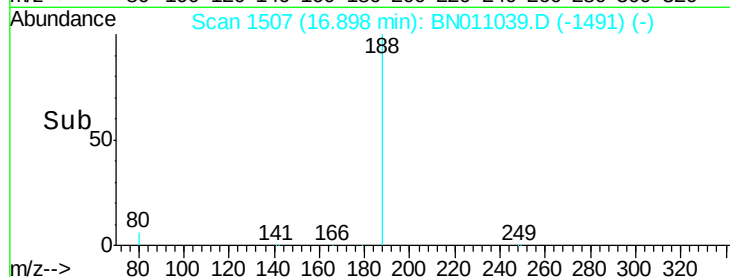
6000

4000

2000

0

Time-->



#20

4,6-Dinitro-2-methylphenol

Concen: 0.341 ng

RT: 15.31 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

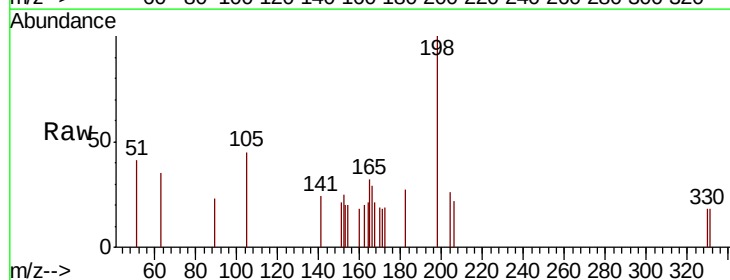
Tgt Ion:198 Resp: 569

Ion Ratio Lower Upper

198 100

51 40.6 29.5 44.3

105 45.0 39.2 58.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

15.31

1000

800

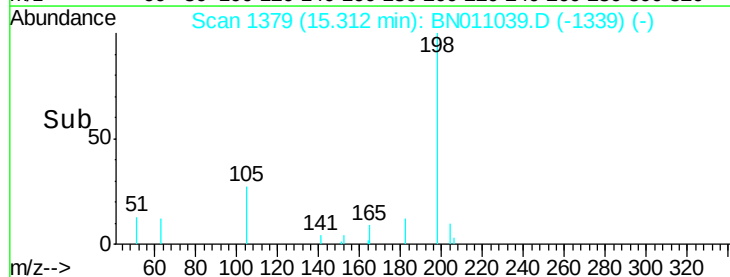
600

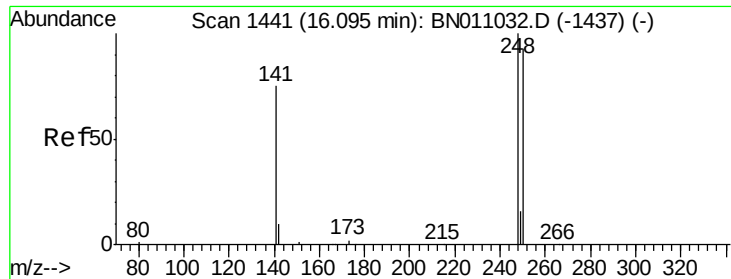
400

200

0

Time-->

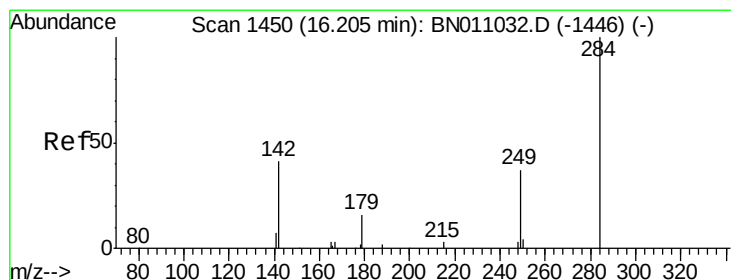
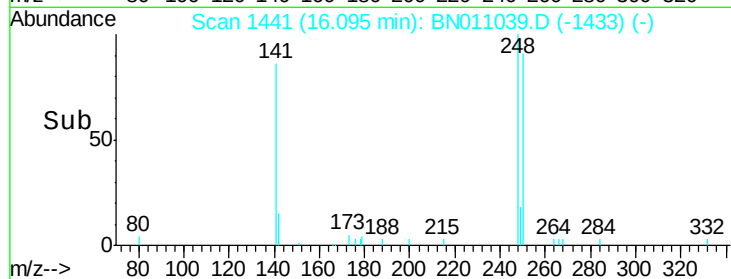
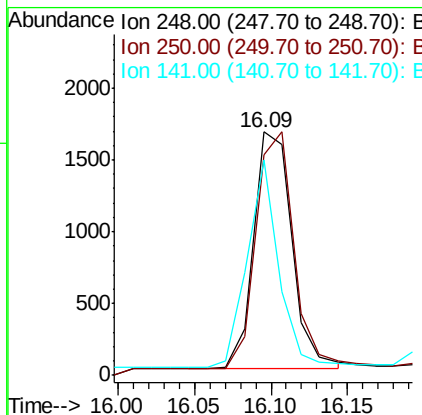
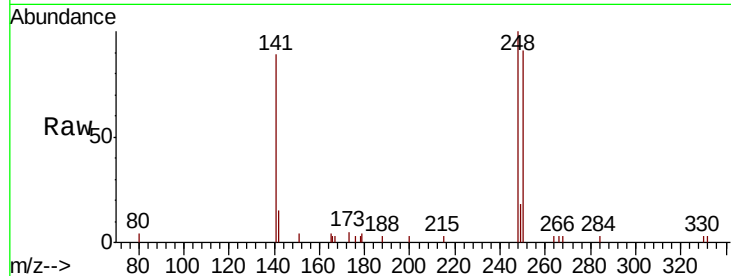




#21
4-Bromophenyl-phenylether
Concen: 0.419 ng
RT: 16.09 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

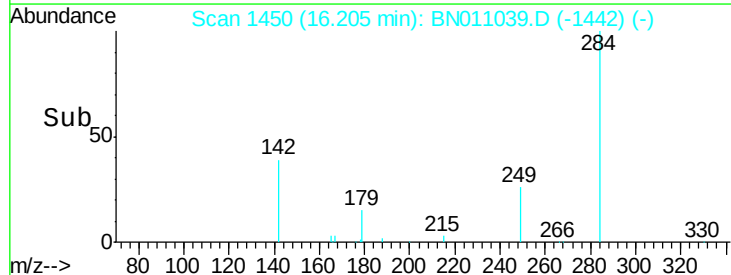
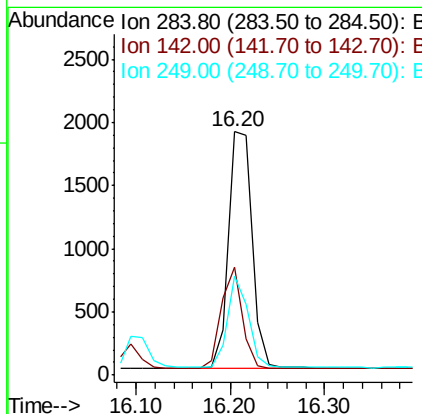
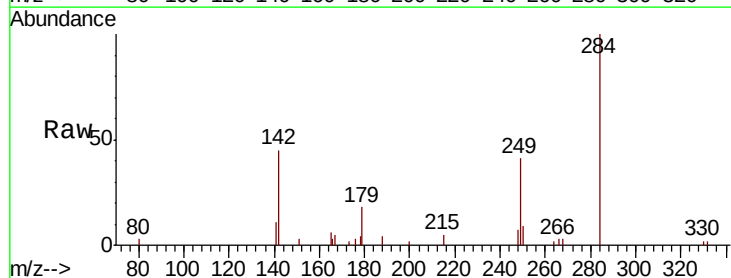
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

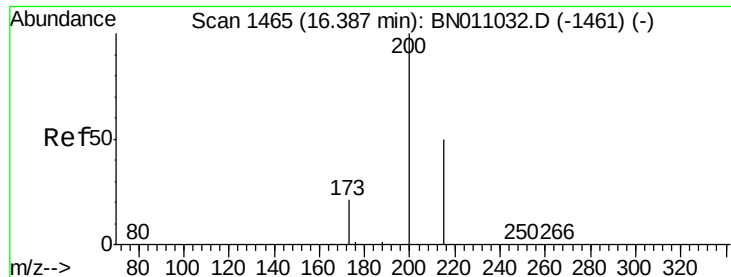
Tot Ion:248 Resp: 2887
Ion Ratio Lower Upper
248 100
250 90.6 74.6 111.8
141 88.7 60.9 91.3



#22
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.20 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:284 Resp: 3265
Ion Ratio Lower Upper
284 100
142 38.3 30.4 45.6
249 33.4 27.0 40.4

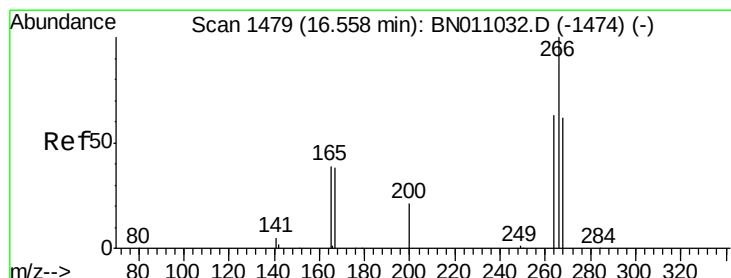
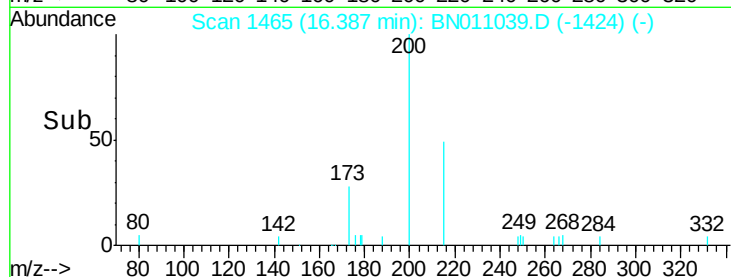
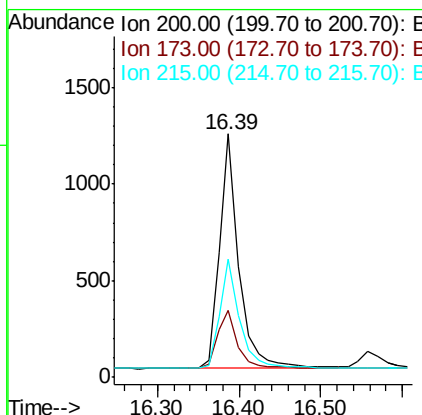
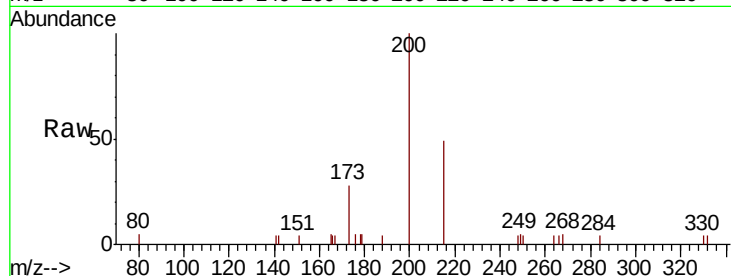




#23
Atrazine
Concen: 0.398 ng
RT: 16.39 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

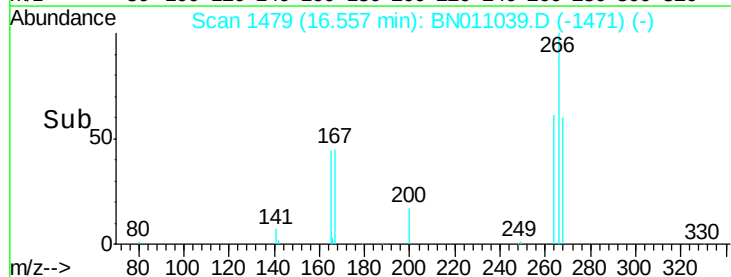
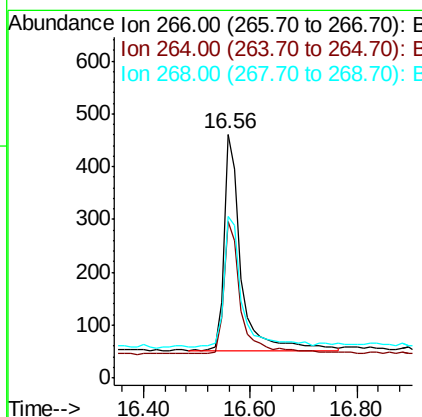
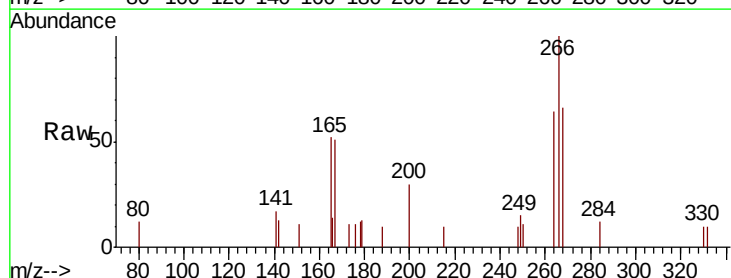
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

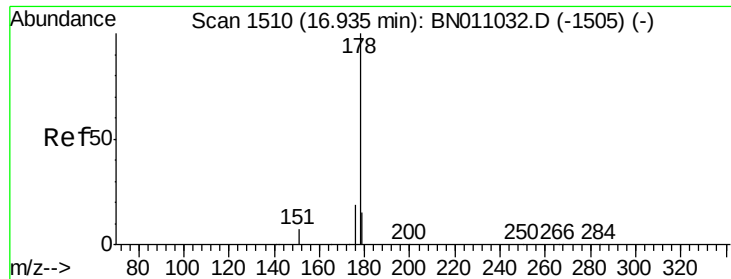
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	19.4	29.2
215	48.7	41.5	62.3



#24
Pentachlorophenol
Concen: 0.386 ng
RT: 16.56 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion	Ratio	Lower	Upper
266	100		
264	59.8	51.4	77.0
268	62.0	54.9	82.3





#25

Phenanthrene

Concen: 0.427 ng

RT: 16.93 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

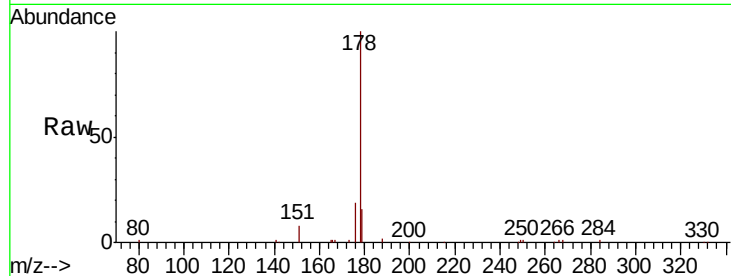
Tot Ion:178 Resp: 14343

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

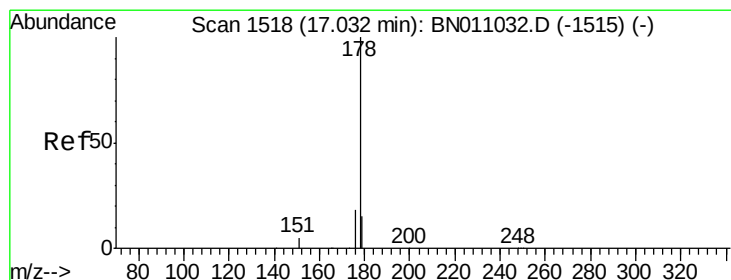
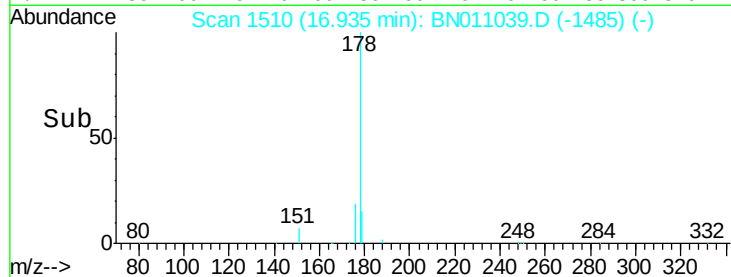
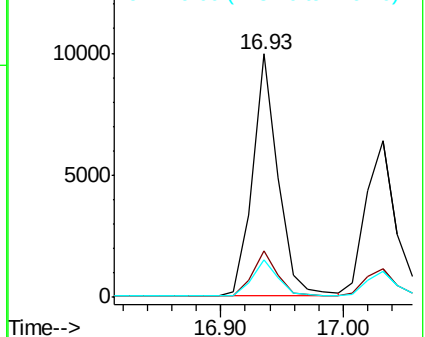
179 15.5 12.3 18.5



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



#26

Anthracene

Concen: 0.400 ng

RT: 17.03 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

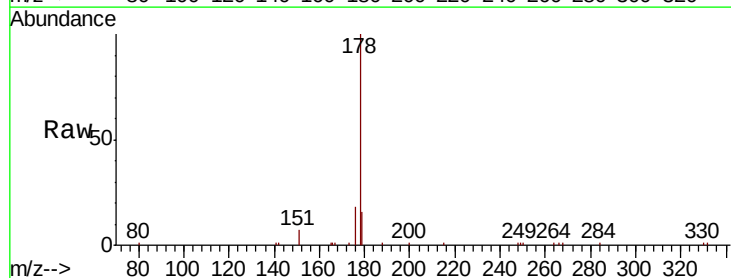
Tgt Ion:178 Resp: 11147

Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

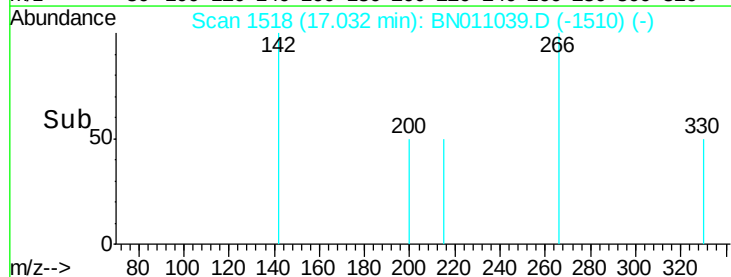
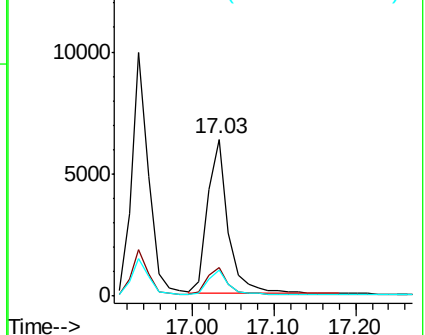
179 15.3 12.2 18.4

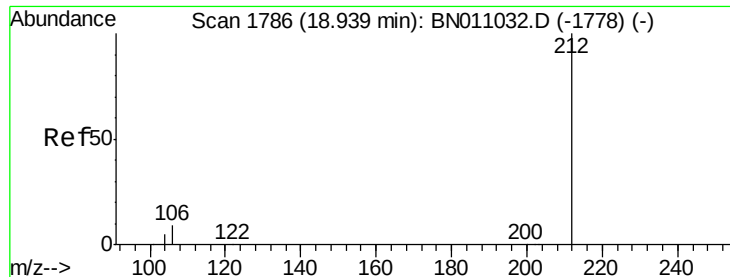


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

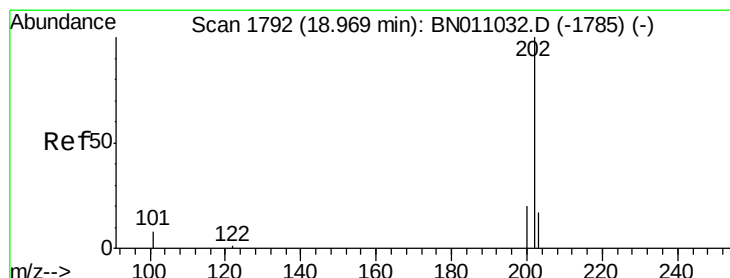
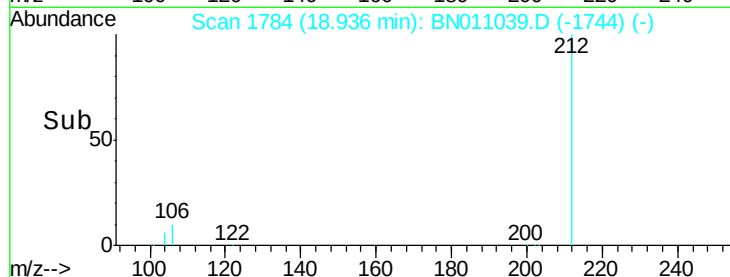
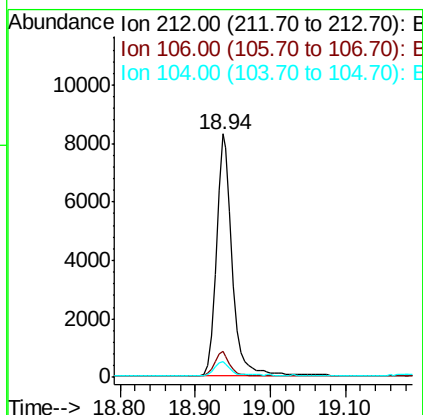
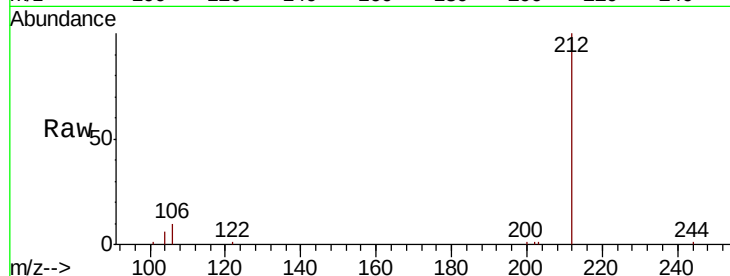




#27
 Fluoranthene-d10
 Concen: 0.392 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BN011039.D
 Acq: 24 Jun 2020 09:39

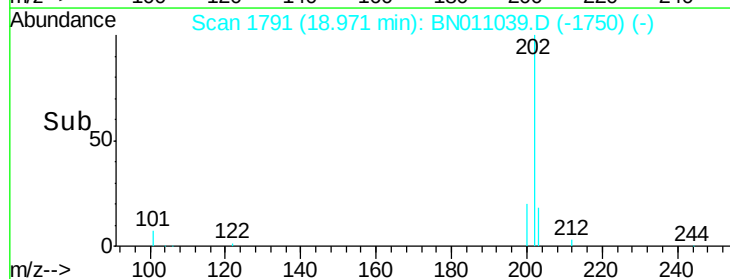
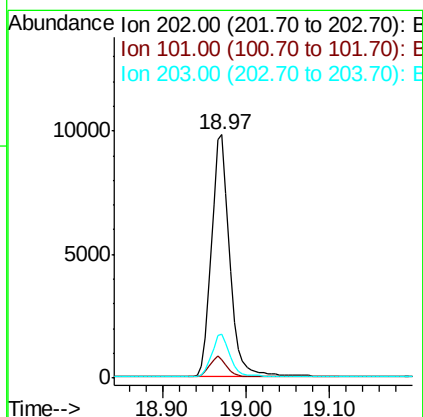
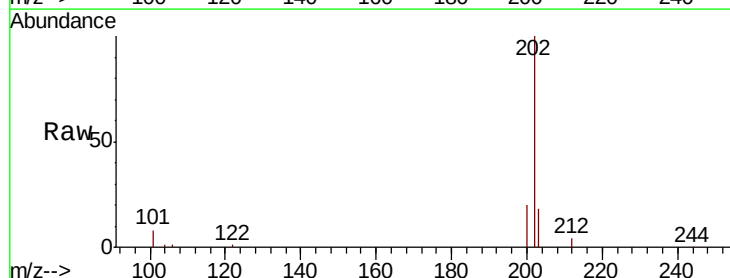
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

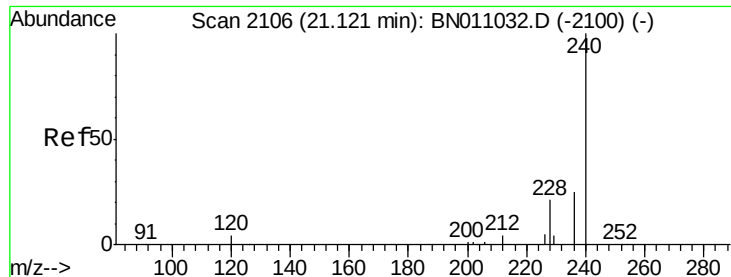
Tot Ion:212 Resp: 12340
 Ion Ratio Lower Upper
 212 100
 106 9.7 7.7 11.5
 104 5.8 4.6 6.8



#28
 Fluoranthene
 Concen: 0.388 ng
 RT: 18.97 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BN011039.D
 Acq: 24 Jun 2020 09:39

Tgt Ion:202 Resp: 14873
 Ion Ratio Lower Upper
 202 100
 101 8.4 6.6 10.0
 203 16.9 13.8 20.6

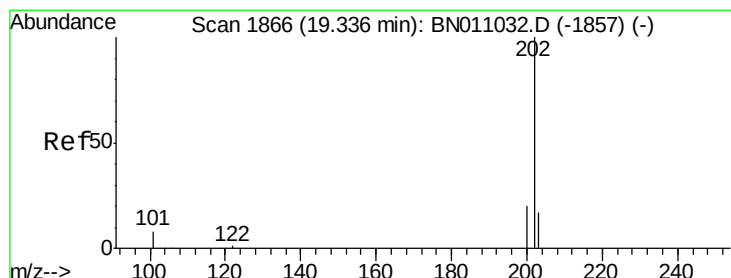
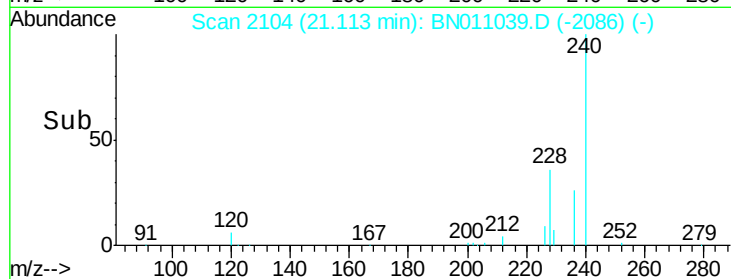
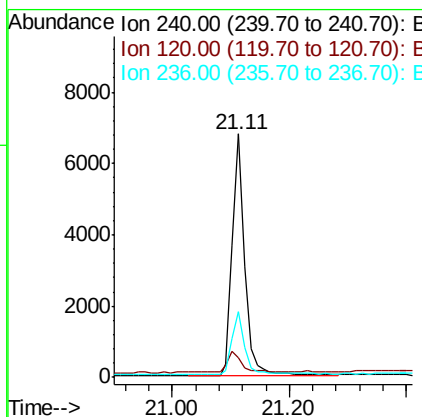
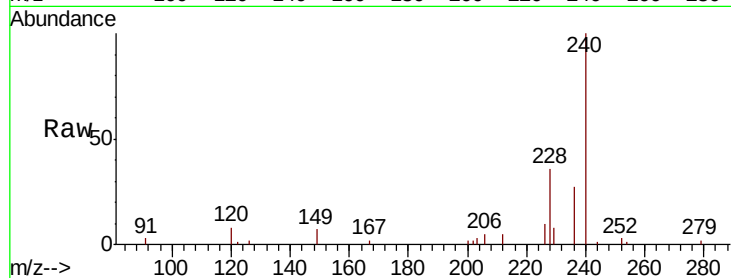




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

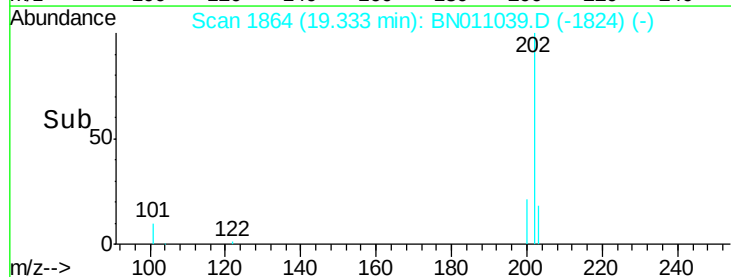
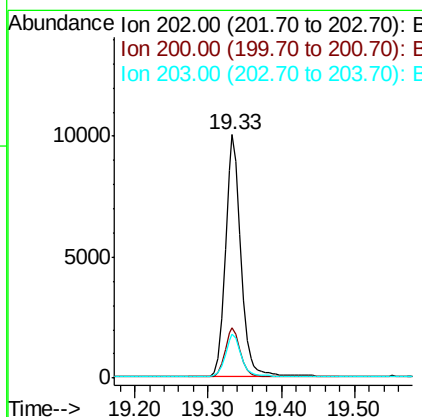
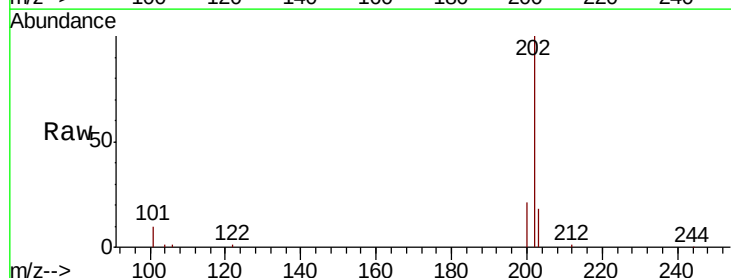
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

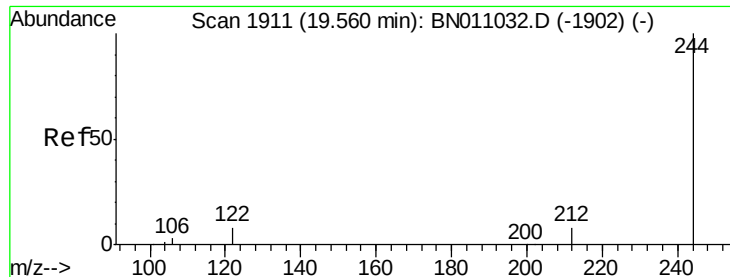
Tot Ion:240 Resp: 9940
Ion Ratio Lower Upper
240 100
120 8.0 5.4 8.0
236 26.9 21.4 32.2



#30
Pyrene
Concen: 0.387 ng
RT: 19.33 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:202 Resp: 14805
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.5 14.2 21.2





#31

Terphenyl-d14

Concen: 0.394 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

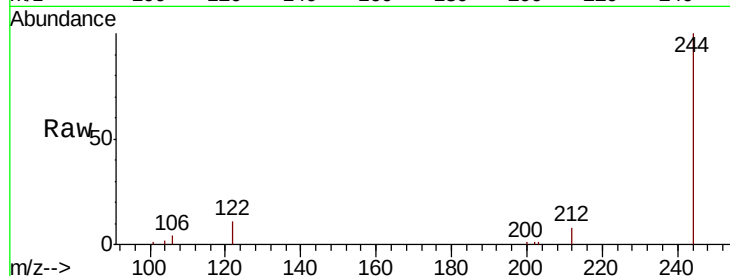
Tot Ion:244 Resp: 10529

Ion Ratio Lower Upper

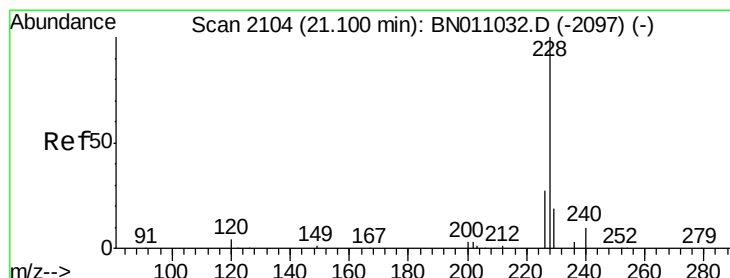
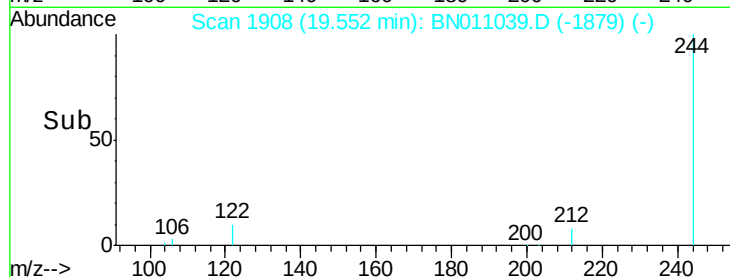
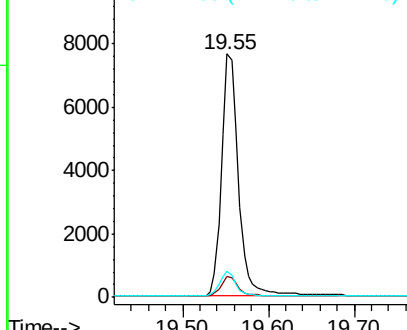
244 100

212 8.4 6.9 10.3

122 10.6 7.4 11.0



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



#32

Benzo(a)anthracene

Concen: 0.397 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

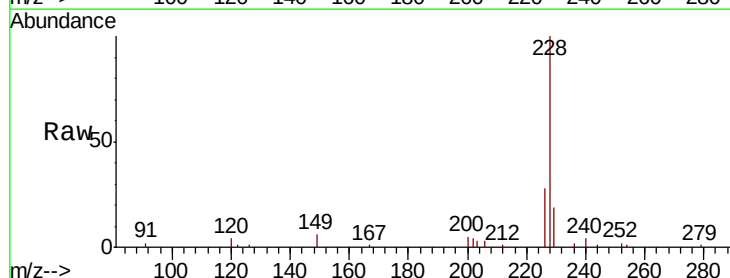
Tgt Ion:228 Resp: 13672

Ion Ratio Lower Upper

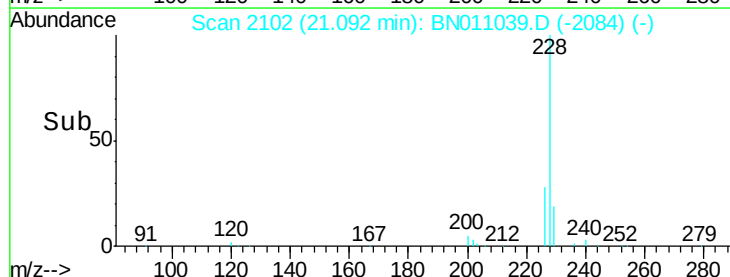
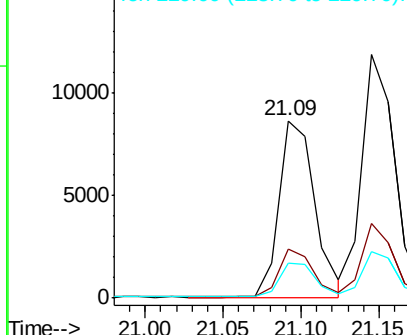
228 100

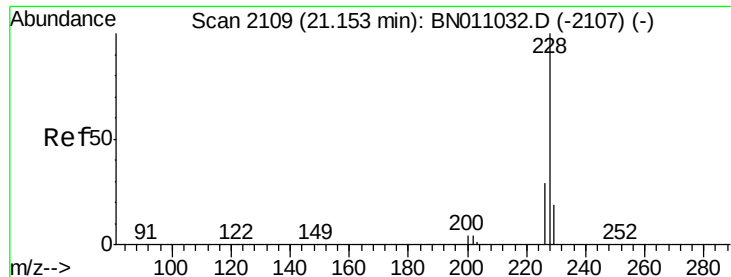
226 28.0 22.0 33.0

229 19.4 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





#33

Chrysene

Concen: 0.469 ng

RT: 21.14 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

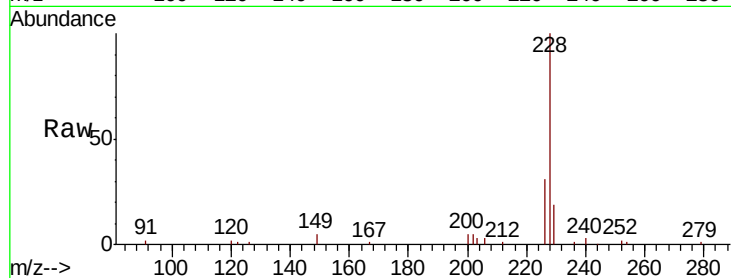
Tot Ion:228 Resp: 17611

Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.6

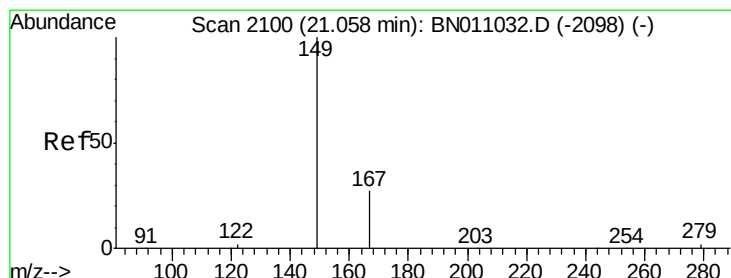
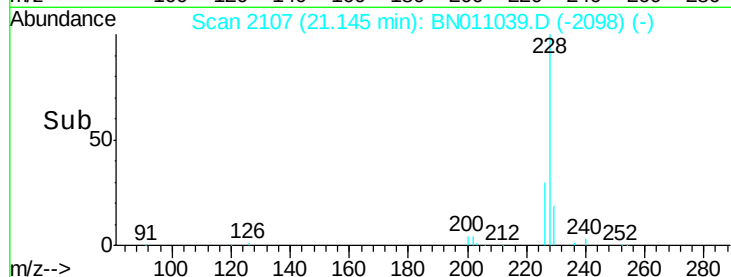
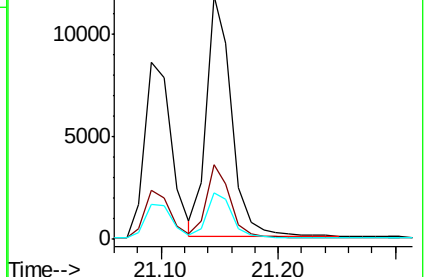
229 19.3 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.371 ng

RT: 21.06 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

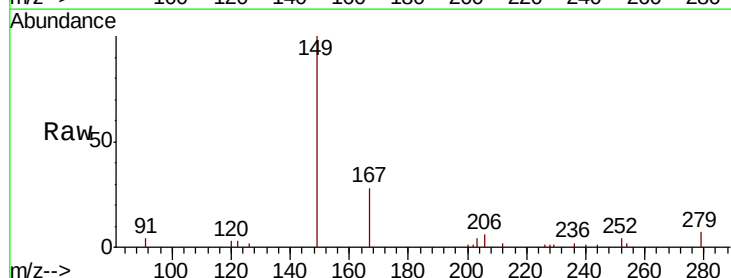
Tgt Ion:149 Resp: 5135

Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.2

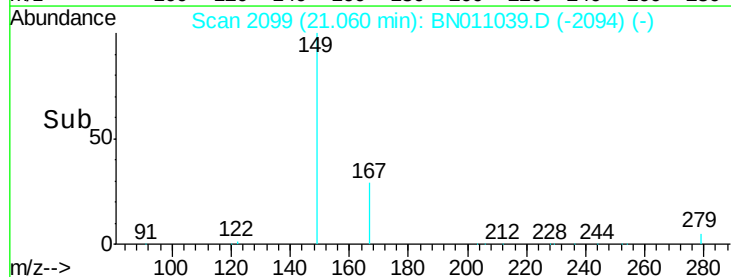
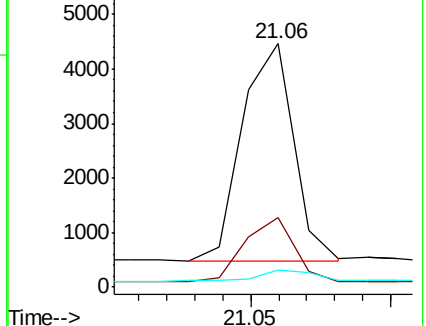
279 5.8 3.9 5.9

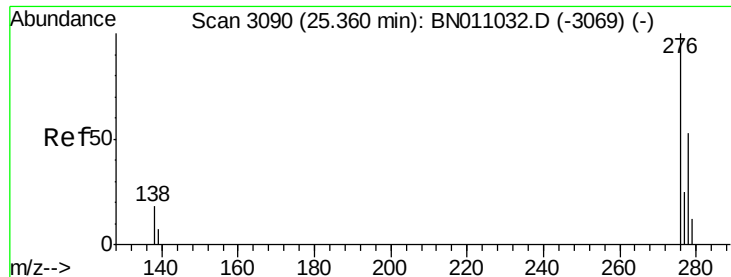


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

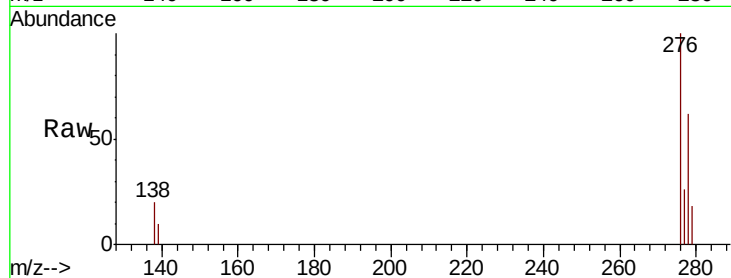




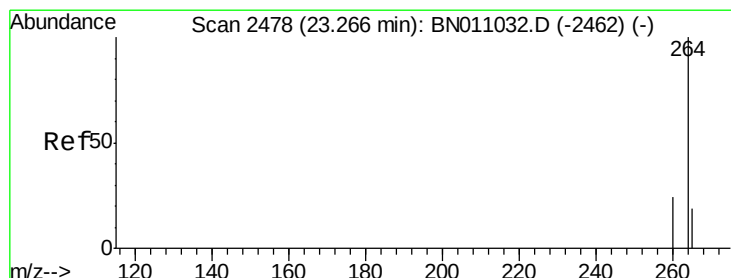
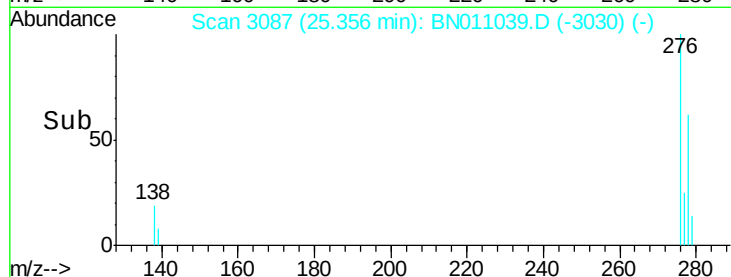
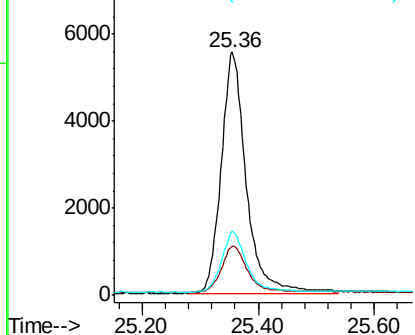
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.396 ng
 RT: 25.36 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: BN011039.D
 Acq: 24 Jun 2020 09:39

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:276 Resp: 16526
 Ion Ratio Lower Upper
 276 100
 138 19.7 16.2 24.2
 277 24.9 19.9 29.9

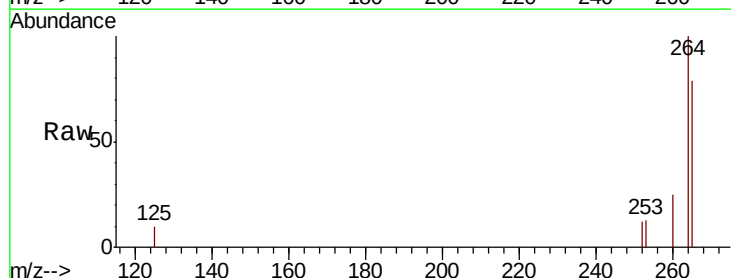


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

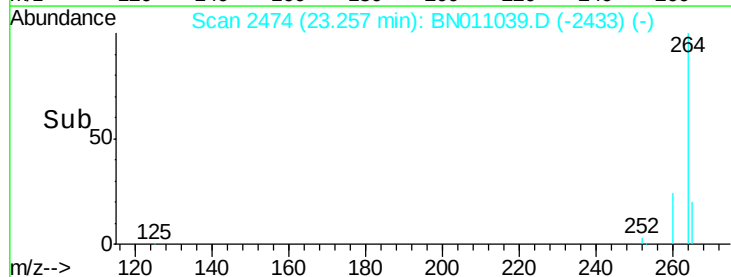
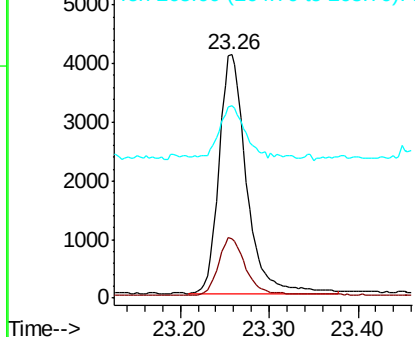


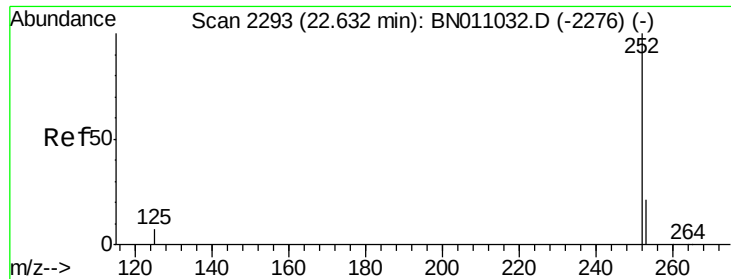
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.26 min Scan# 2474
 Delta R.T. -0.01 min
 Lab File: BN011039.D
 Acq: 24 Jun 2020 09:39

Tgt Ion:264 Resp: 8720
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.0 30.0
 265 78.9 64.9 97.3



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

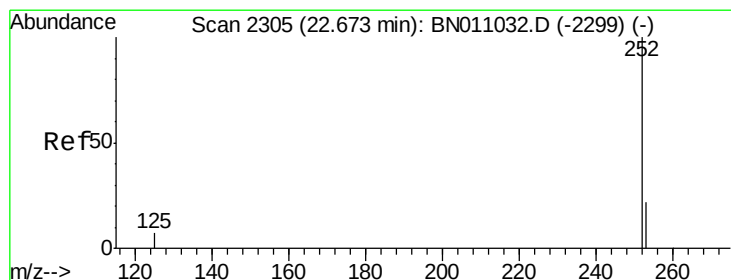
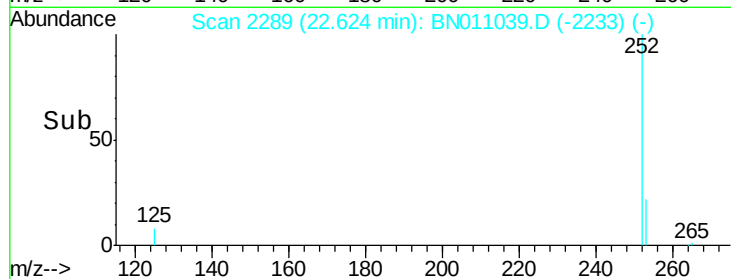
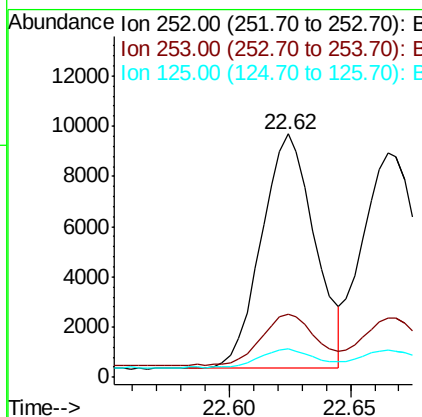
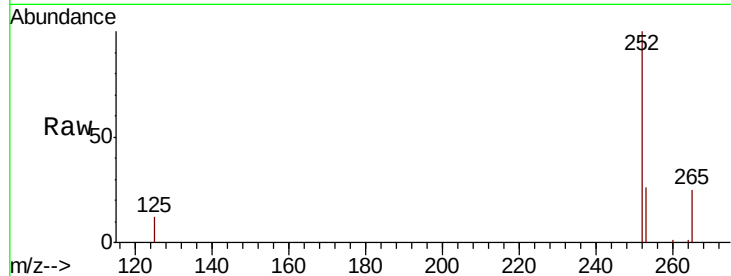




#37
Benzo(b)fluoranthene
Concen: 0.417 ng
RT: 22.62 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

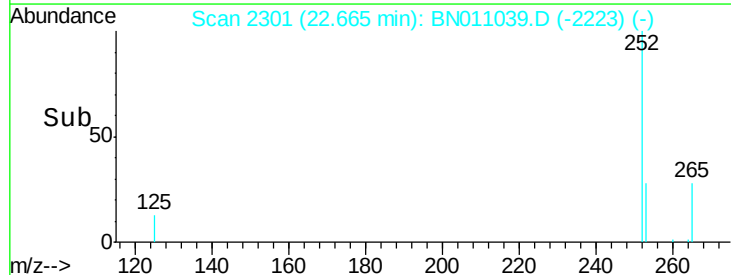
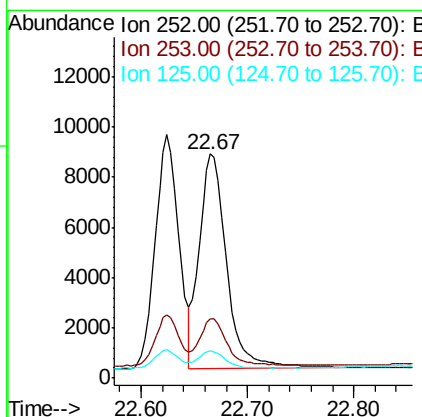
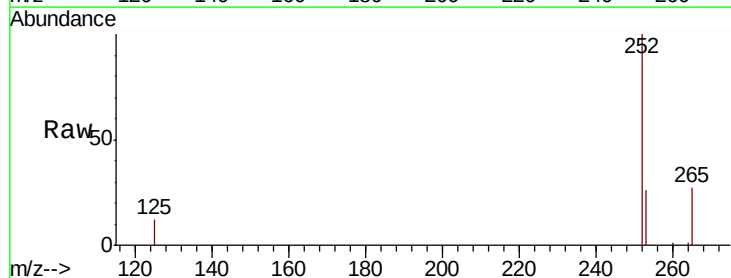
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

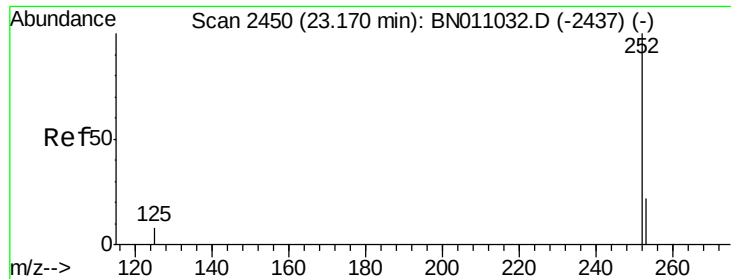
Tot Ion:252 Resp: 14381
Ion Ratio Lower Upper
252 100
253 25.9 21.4 32.0
125 11.7 9.3 13.9



#38
Benzo(k)fluoranthene
Concen: 0.421 ng
RT: 22.67 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BN011039.D
Acq: 24 Jun 2020 09:39

Tgt Ion:252 Resp: 15112
Ion Ratio Lower Upper
252 100
253 26.4 21.8 32.6
125 12.5 9.8 14.6





#39

Benzo(a)pyrene

Concen: 0.408 ng

RT: 23.17 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

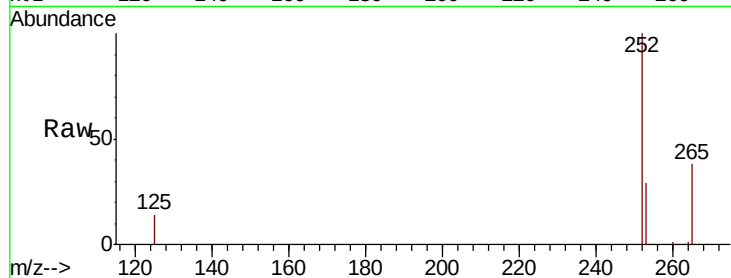
Tot Ion:252 Resp: 12513

Ion Ratio Lower Upper

252 100

253 28.8 23.1 34.7

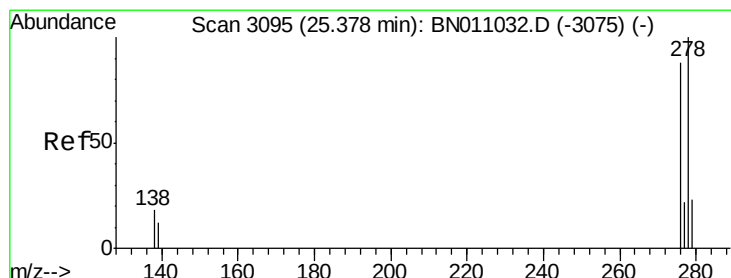
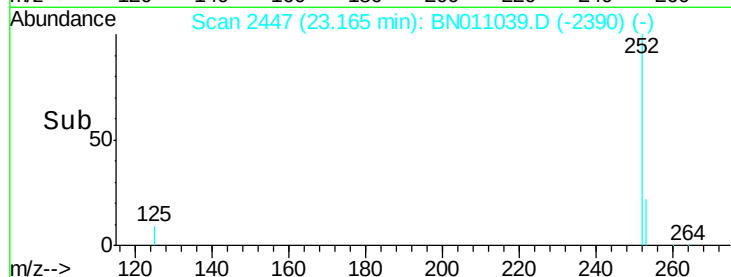
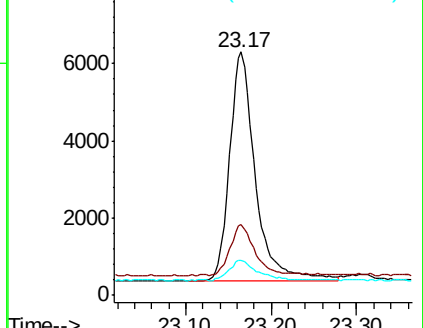
125 14.1 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#40

Dibenzo(a,h)anthracene

Concen: 0.409 ng

RT: 25.37 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

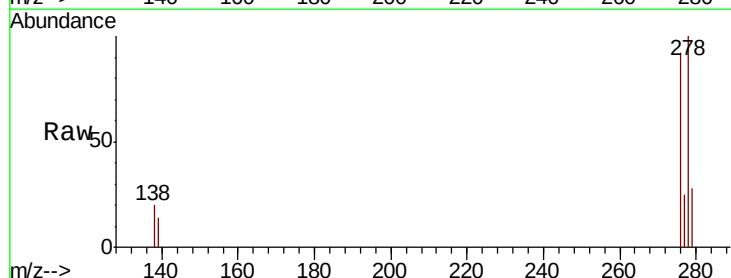
Tgt Ion:278 Resp: 13502

Ion Ratio Lower Upper

278 100

139 14.2 11.2 16.8

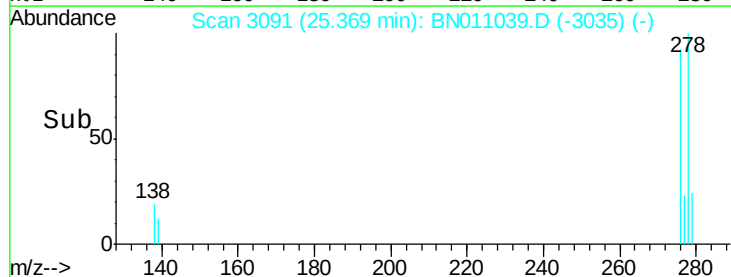
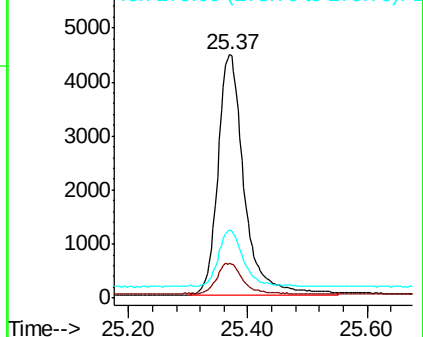
279 28.2 22.6 34.0

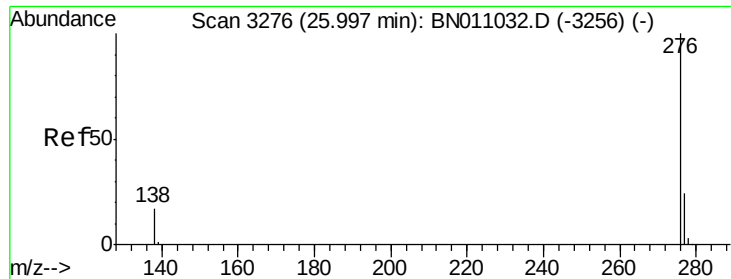


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.419 ng

RT: 25.99 min Scan# 3272

Delta R.T. -0.01 min

Lab File: BN011039.D

Acq: 24 Jun 2020 09:39

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

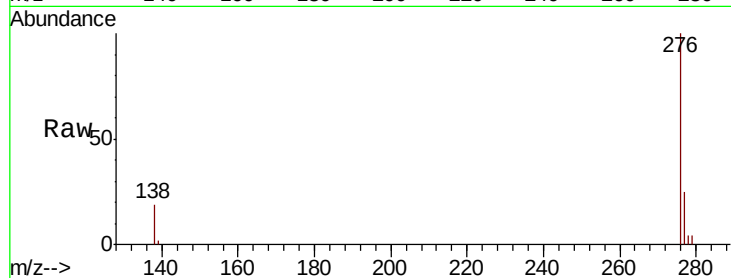
Tot Ion:276 Resp: 14348

Ion Ratio Lower Upper

276 100

277 24.8 20.4 30.6

138 18.6 15.1 22.7



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

