

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061620\
 Data File : BN010937.D
 Acq On : 17 Jun 2020 11:05
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Jun 17 11:35:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2724	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8668	0.40	ng	-0.01
13) Acenaphthene-d10	14.16	164	4657	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	10052	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8950	0.40	ng	0.00
34) Perylene-d12	23.27	264	9358	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	2420	0.46	ng	0.00
5) Phenol-d6	6.74	99	2602	0.42	ng	0.00
8) Nitrobenzene-d5	8.68	82	2754	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	5523	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	662	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.78	172	7978	0.43	ng	0.00
25) Fluoranthene-d10	18.95	212	10665	0.38	ng	0.00
29) Terphenyl-d14	19.57	244	8790	0.42	ng	0.00

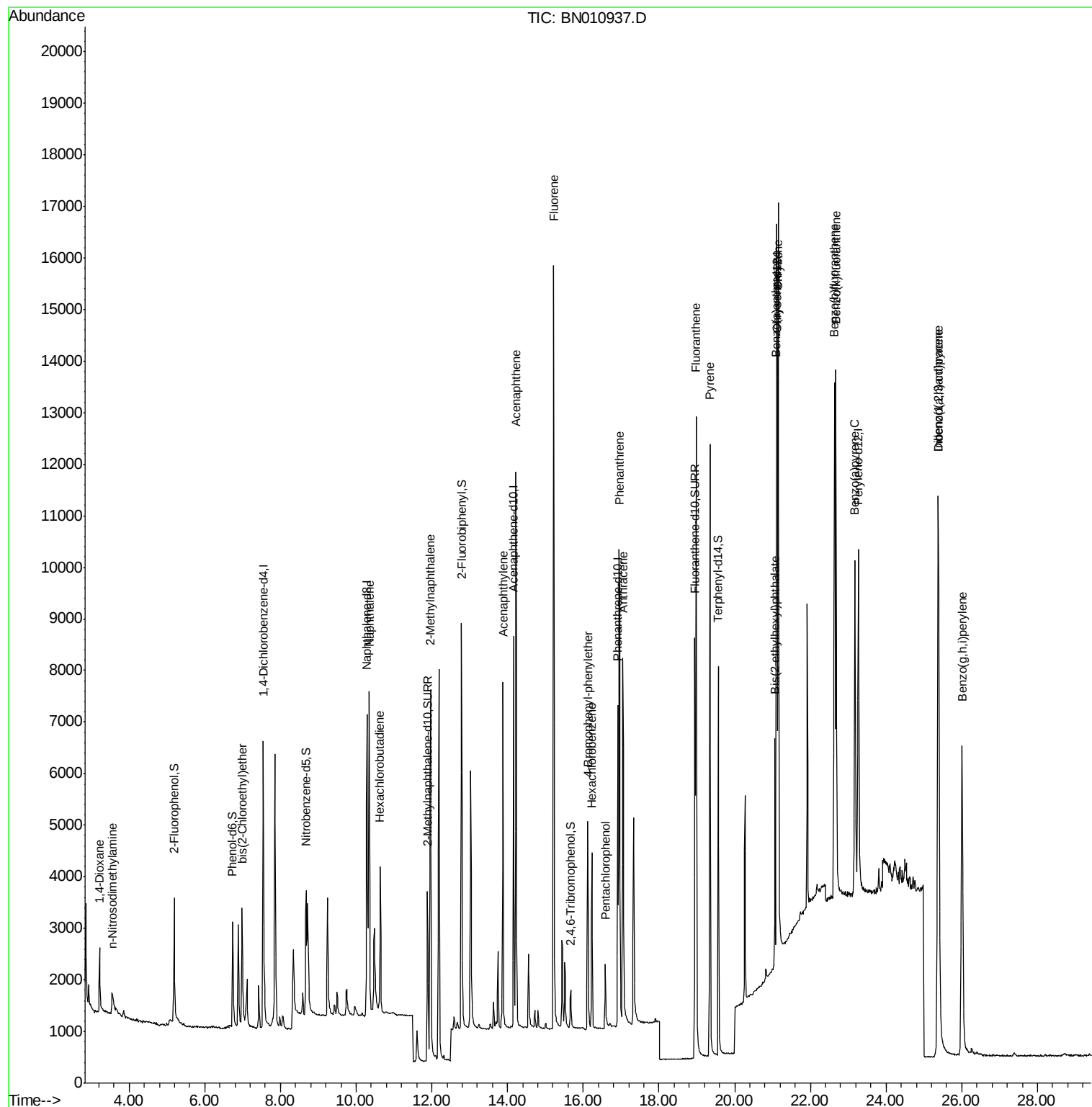
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1178	0.442	ng	98
3) n-Nitrosodimethylamine	3.55	42	520	0.335	ng	# 90
6) bis(2-Chloroethyl)ether	6.99	93	2360	0.391	ng	97
9) Naphthalene	10.34	128	9347	0.429	ng	99
10) Hexachlorobutadiene	10.63	225	2263	0.420	ng	# 100
12) 2-Methylnaphthalene	11.96	142	6200	0.425	ng	99
16) Acenaphthylene	13.87	152	7984	0.419	ng	99
17) Acenaphthene	14.22	154	5501	0.423	ng	99
18) Fluorene	15.22	166	6977	0.416	ng	98
20) 4-Bromophenyl-phenylether	16.12	248	2322	0.384	ng	98
21) Hexachlorobenzene	16.23	284	2530	0.402	ng	99
22) Pentachlorophenol	16.58	266	800	0.378	ng	98
23) Phenanthrene	16.95	178	11052	0.403	ng	100
24) Anthracene	17.05	178	9049	0.395	ng	99
26) Fluoranthene	18.98	202	12175	0.391	ng	99
28) Pyrene	19.35	202	12144	0.410	ng	100
30) Benzo(a)anthracene	21.10	228	10713	0.407	ng	98
31) Chrysene	21.16	228	12732	0.415	ng	98
32) Bis(2-ethylhexyl)phthalate	21.06	149	3800	0.433	ng	97
33) Indeno(1,2,3-cd)pyrene	25.37	276	14647	0.428	ng	# 97
35) Benzo(b)fluoranthene	22.63	252	12443	0.391	ng	98
36) Benzo(k)fluoranthene	22.68	252	13741	0.405	ng	98
37) Benzo(a)pyrene	23.18	252	10917	0.400	ng	96
38) Dibenzo(a,h)anthracene	25.39	278	11811	0.379	ng	98
39) Benzo(g,h,i)perylene	26.01	276	12855	0.395	ng	98

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

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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.54 min Scan# 585

Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

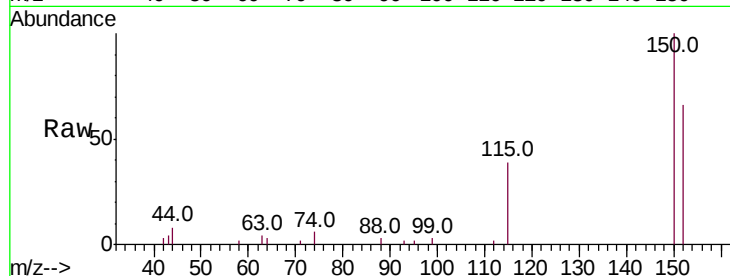
Tot Ion:152 Resp: 2724

Ion Ratio Lower Upper

152 100

150 151.6 123.8 185.6

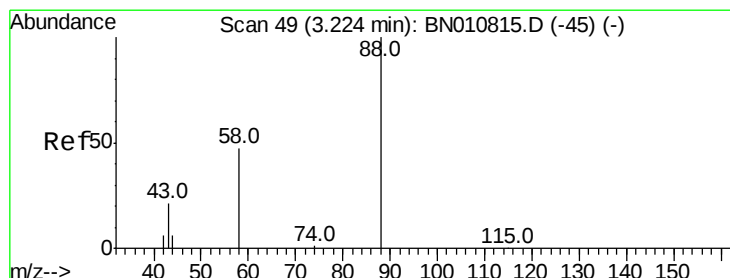
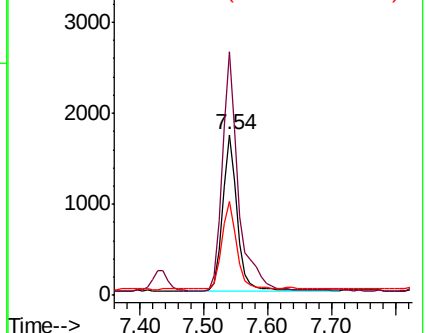
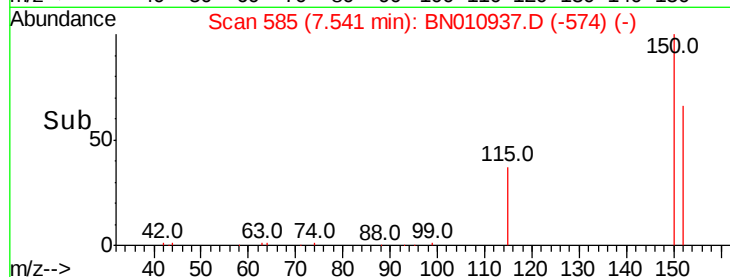
115 58.4 49.2 73.8



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: 0.442 ng

RT: 3.22 min Scan# 48

Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

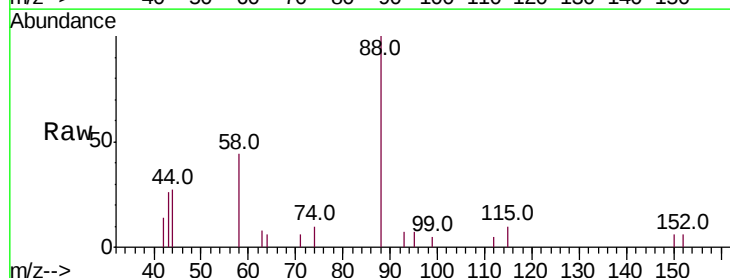
Tgt Ion: 88 Resp: 1178

Ion Ratio Lower Upper

88 100

58 46.6 38.2 57.4

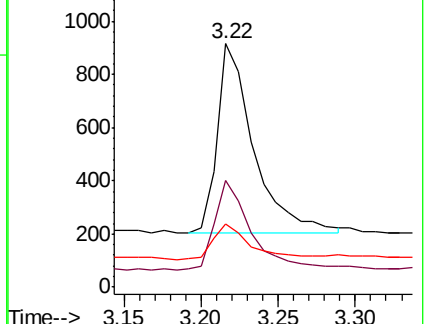
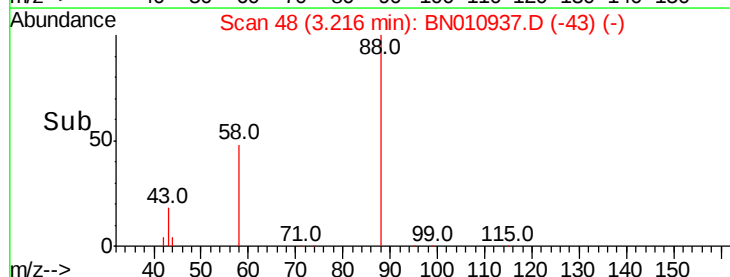
43 19.6 15.1 22.7

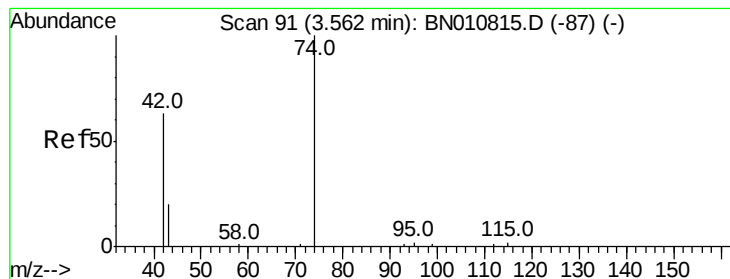


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.335 ng

RT: 3.55 min Scan# 90

Delta R.T. 0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

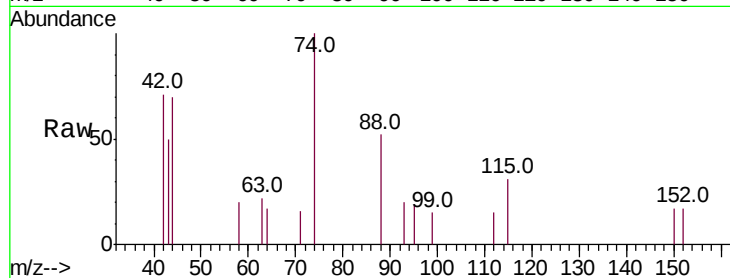
Tot Ion: 42 Resp: 520

Ion Ratio Lower Upper

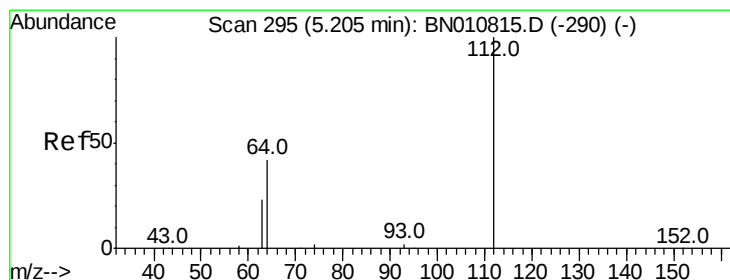
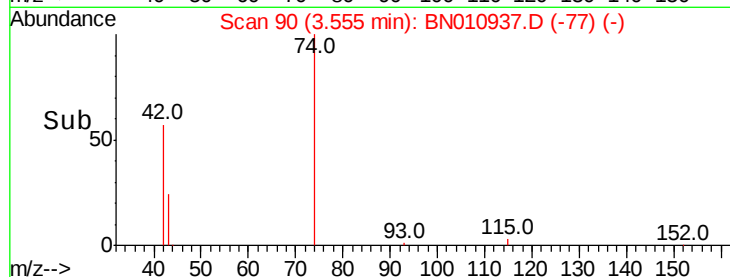
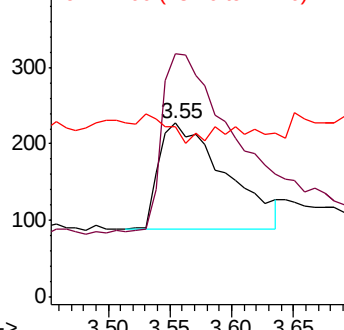
42 100

74 189.8 140.7 211.1

44 0.0 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.460 ng

RT: 5.19 min Scan# 293

Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

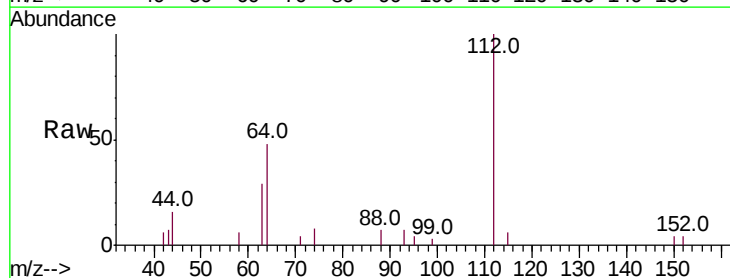
Tgt Ion: 112 Resp: 2420

Ion Ratio Lower Upper

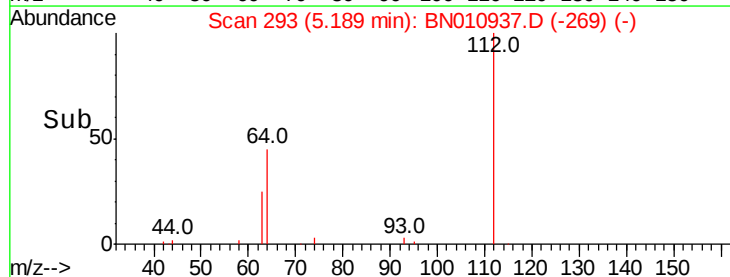
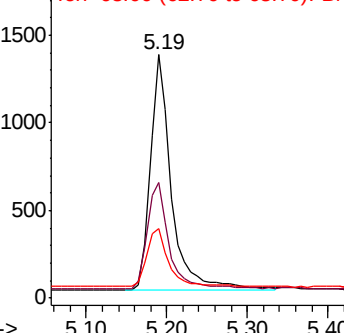
112 100

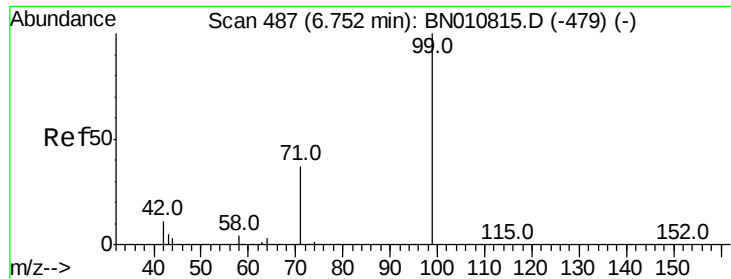
64 47.0 37.4 56.0

63 25.7 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.420 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

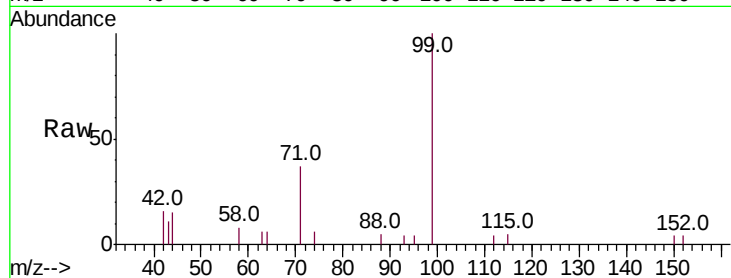
Tot Ion: 99 Resp: 2602

Ion Ratio Lower Upper

99 100

42 11.9 11.1 16.7

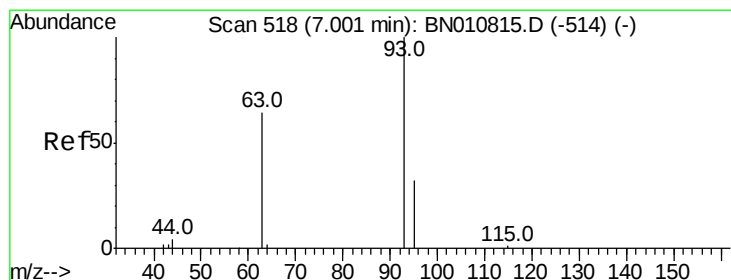
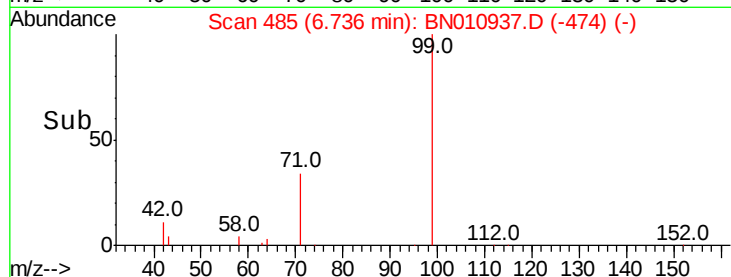
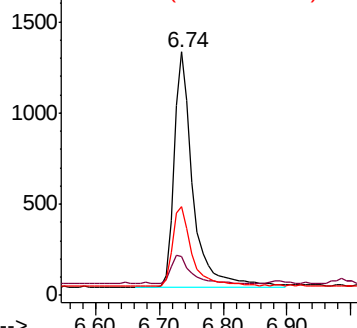
71 35.4 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.391 ng

RT: 6.99 min Scan# 516

Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

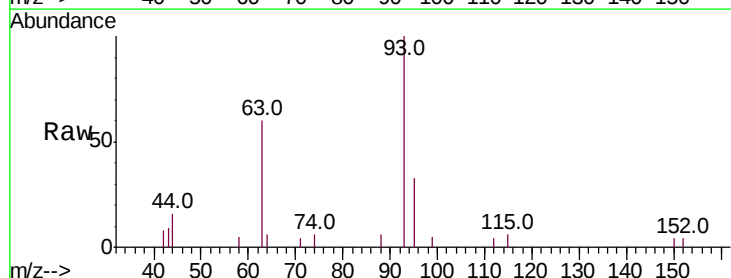
Tgt Ion: 93 Resp: 2360

Ion Ratio Lower Upper

93 100

63 59.8 49.4 74.2

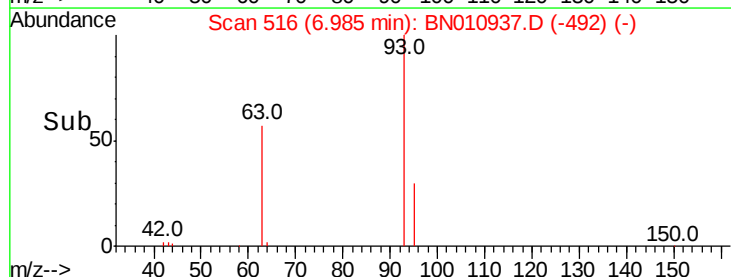
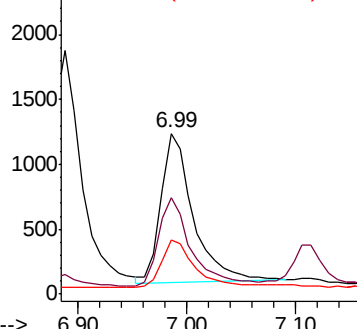
95 35.3 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 8668

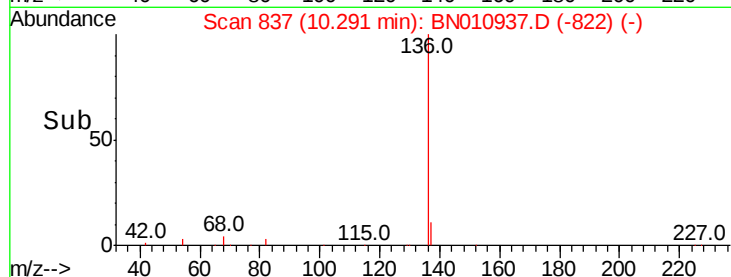
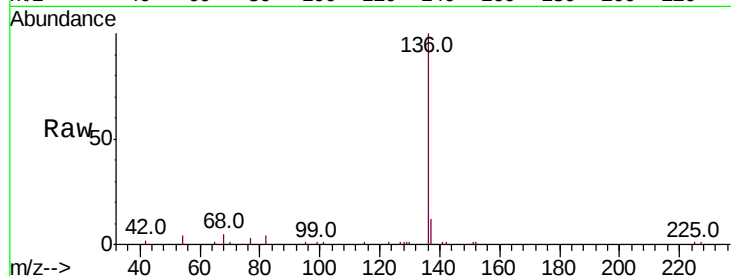
Ion Ratio Lower Upper

136 100

137 11.7 9.7 14.5

54 4.0 4.9 7.3#

68 4.6 4.7 7.1#

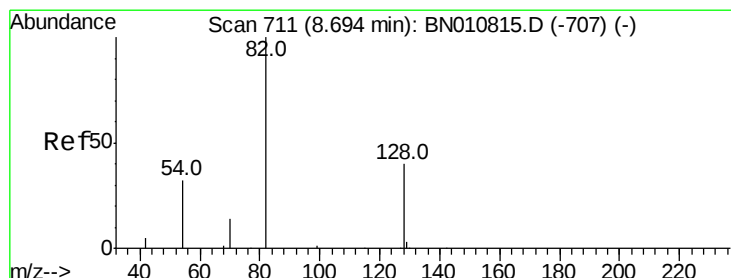
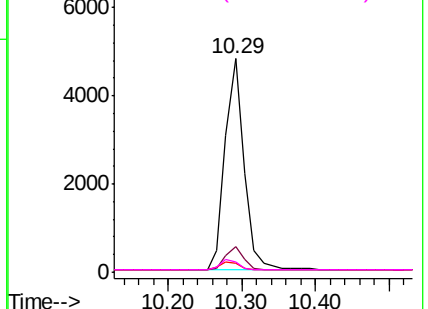


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.429 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

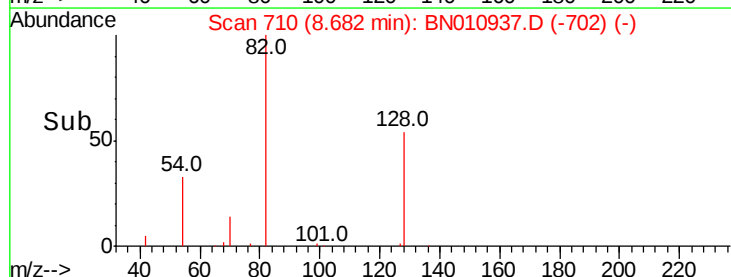
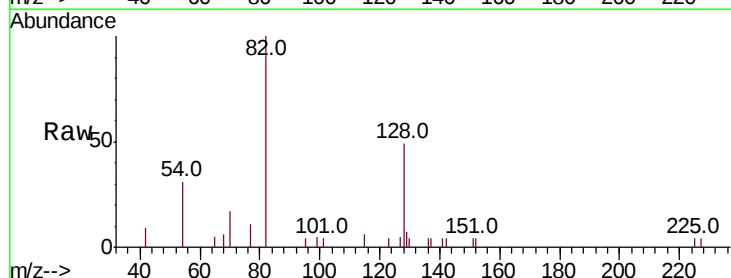
Tgt Ion: 82 Resp: 2754

Ion Ratio Lower Upper

82 100

128 48.7 35.4 53.0

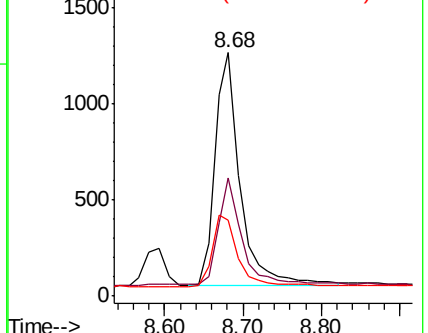
54 31.1 28.2 42.4

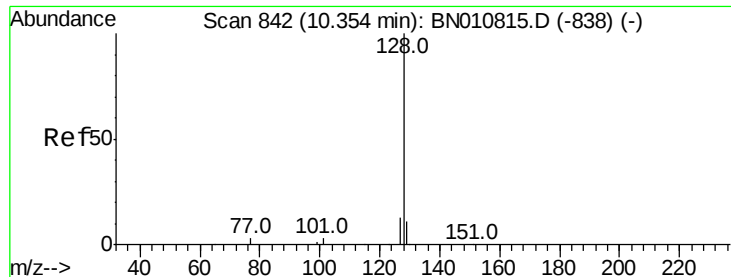


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.429 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Instrument :

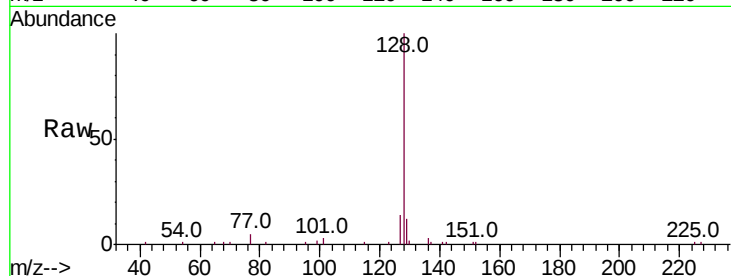
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:128 Resp: 9347

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	13.6	11.4	17.2

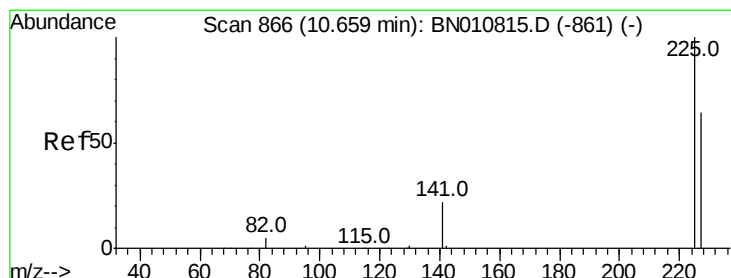
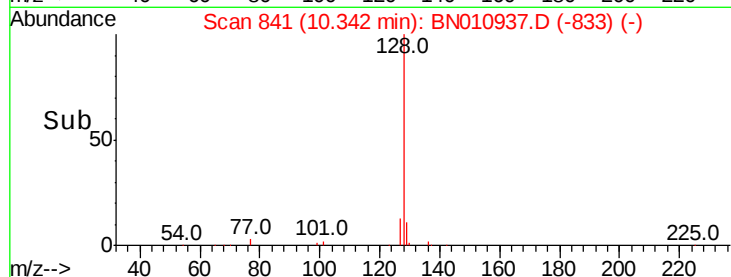
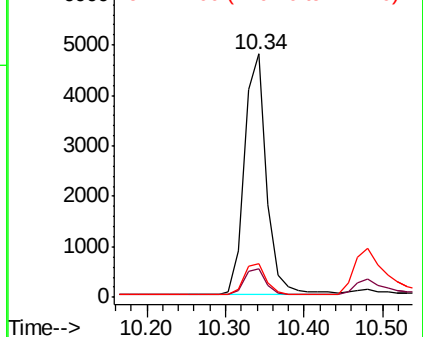


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.420 ng

RT: 10.63 min Scan# 864

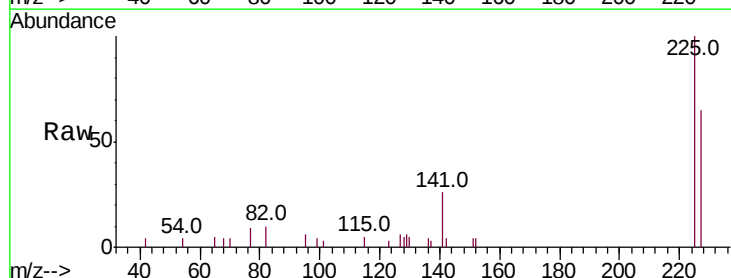
Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Tgt Ion:225 Resp: 2263

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	50.5	75.7

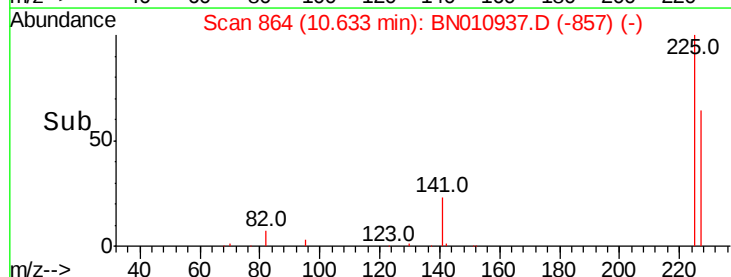
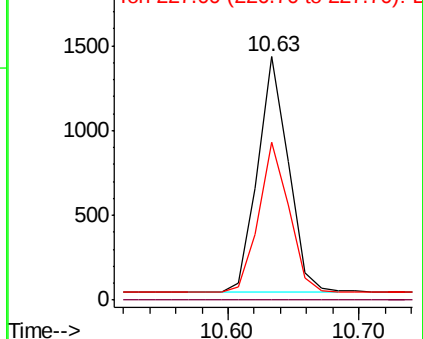


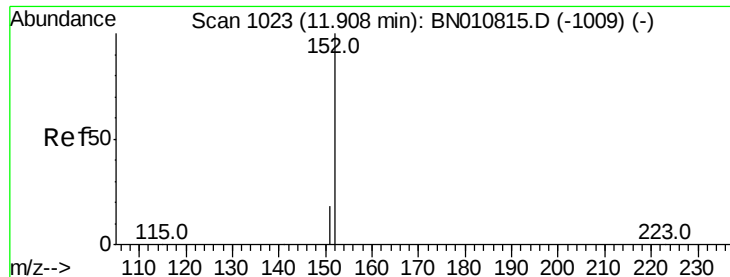
Abundance

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

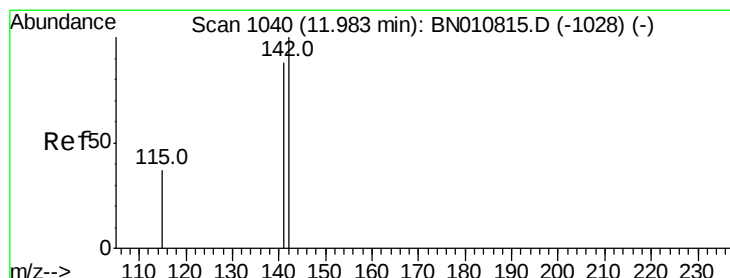
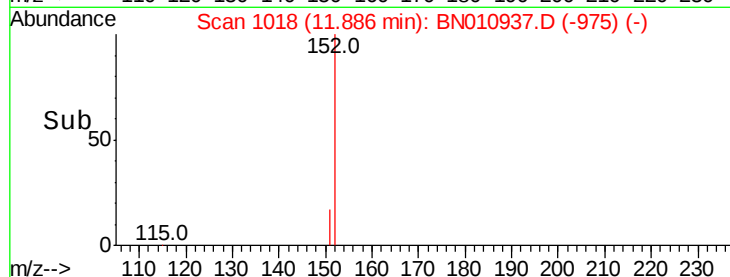
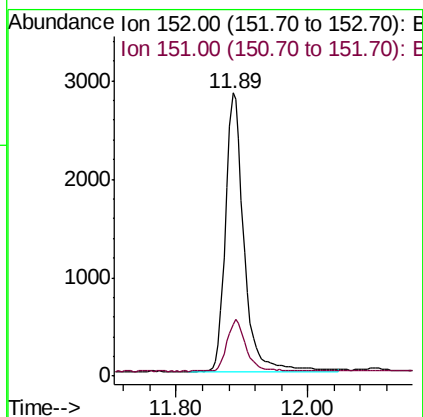
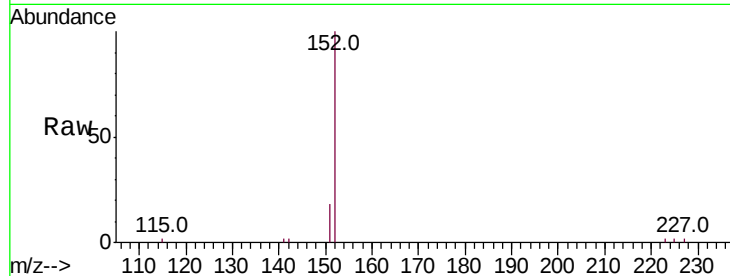




#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 11.89 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BN010937.D
Acq: 17 Jun 2020 11:05

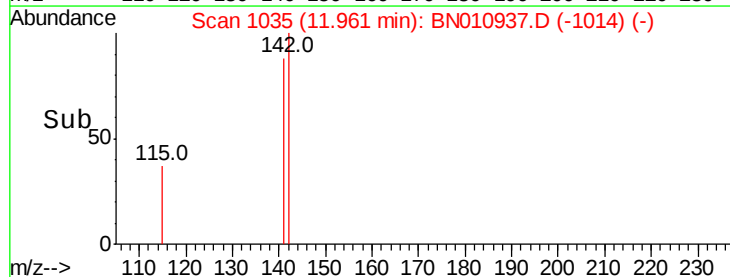
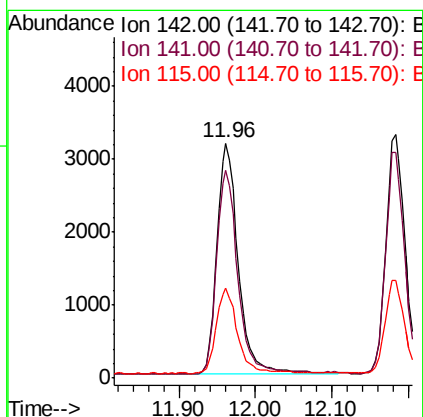
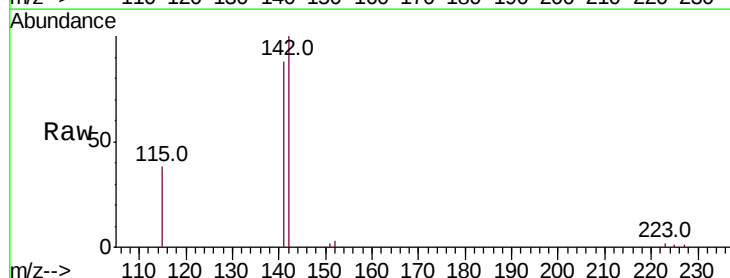
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

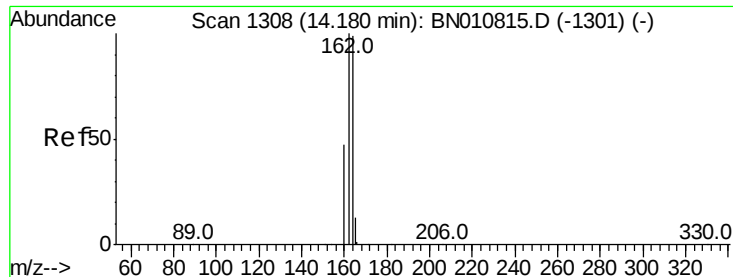
Tot Ion:152 Resp: 5523
Ion Ratio Lower Upper
152 100
151 19.0 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.425 ng
RT: 11.96 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BN010937.D
Acq: 17 Jun 2020 11:05

Tgt Ion:142 Resp: 6200
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
115 38.3 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Instrument :

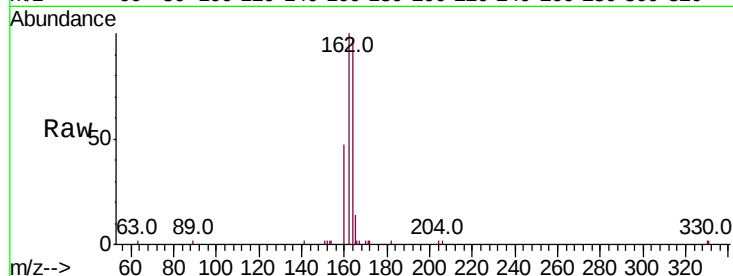
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:164 Resp: 4657

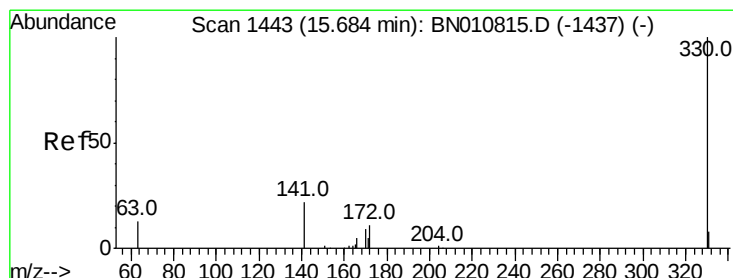
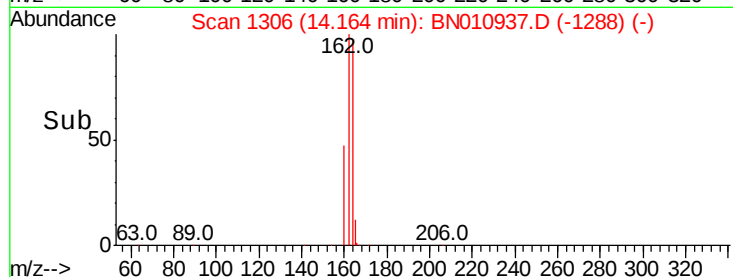
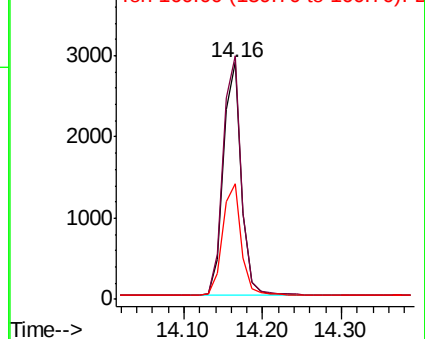
Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.0	121.6
160	48.5	38.9	58.3



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: 0.397 ng

RT: 15.67 min Scan# 1441

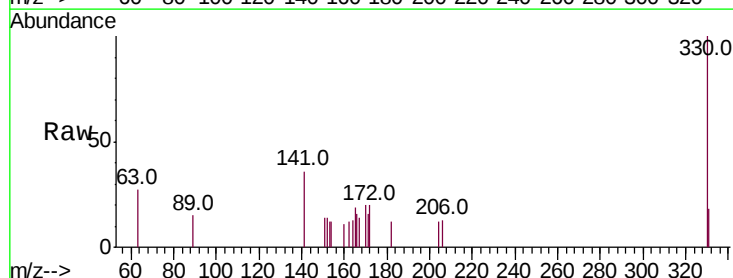
Delta R.T. -0.00 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Tgt Ion:330 Resp: 662

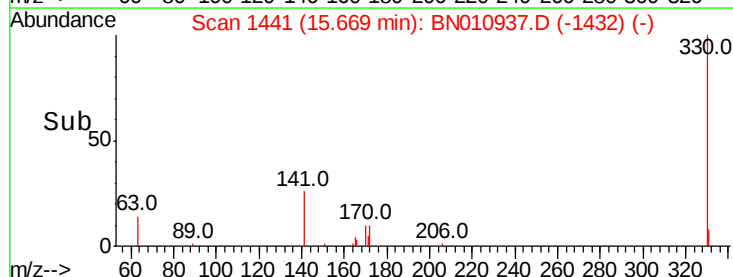
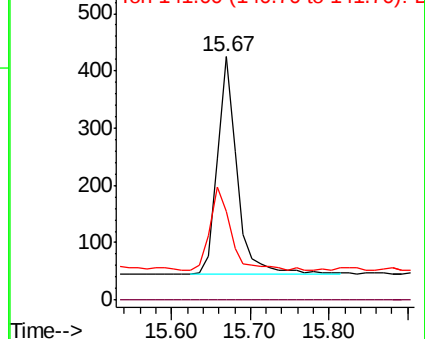
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.4	33.2	49.8



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

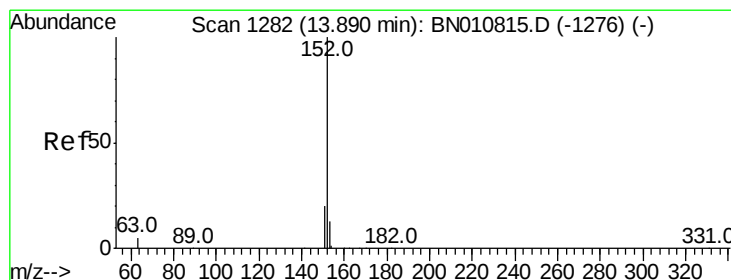
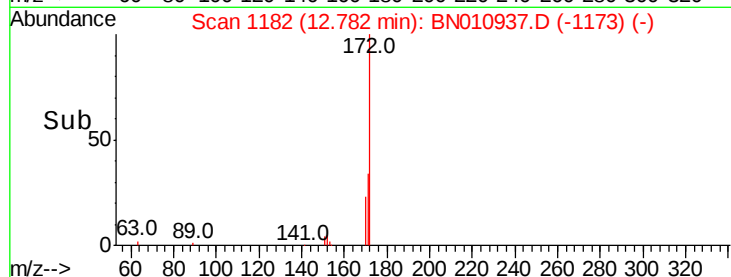
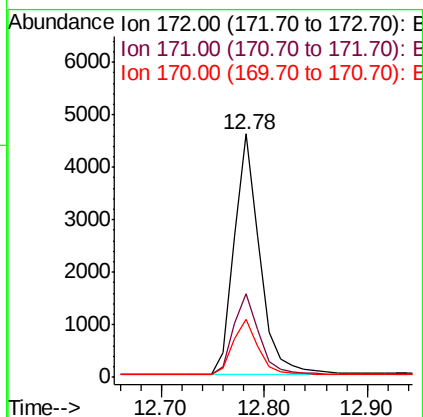
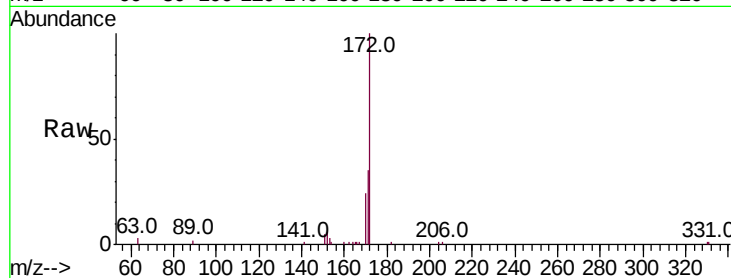




#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 12.78 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BN010937.D
Acq: 17 Jun 2020 11:05

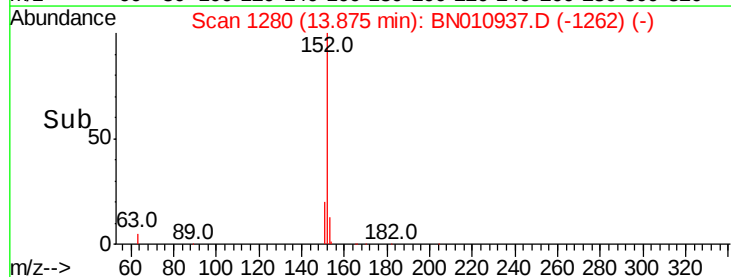
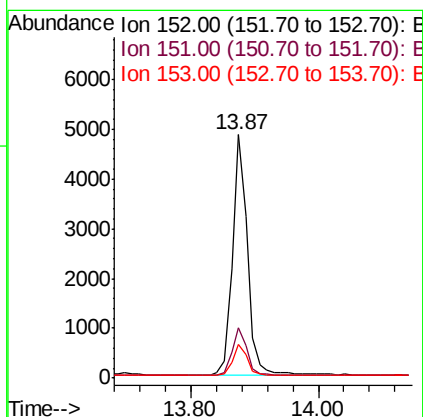
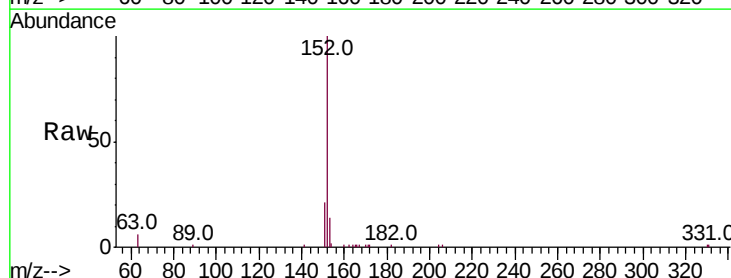
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

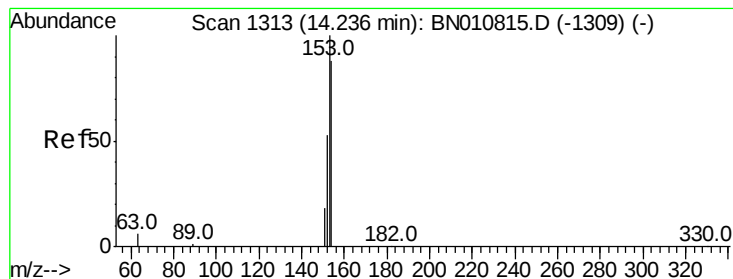
Tot Ion:172 Resp: 7978
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 23.8 19.7 29.5



#16
Acenaphthylene
Concen: 0.419 ng
RT: 13.87 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BN010937.D
Acq: 17 Jun 2020 11:05

Tgt Ion:152 Resp: 7984
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 12.8 10.6 16.0





#17

Acenaphthene

Concen: 0.423 ng

RT: 14.22 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

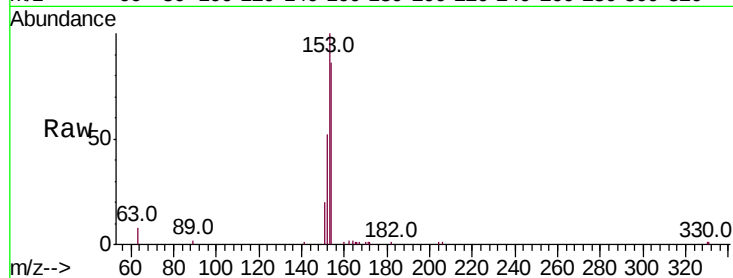
Tot Ion:154 Resp: 5501

Ion Ratio Lower Upper

154 100

153 114.4 91.8 137.6

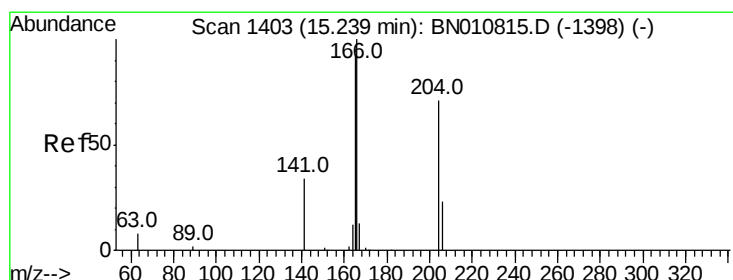
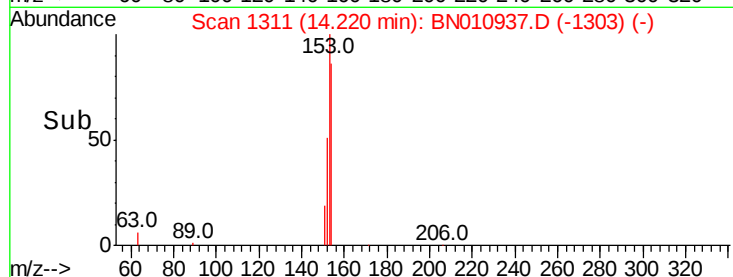
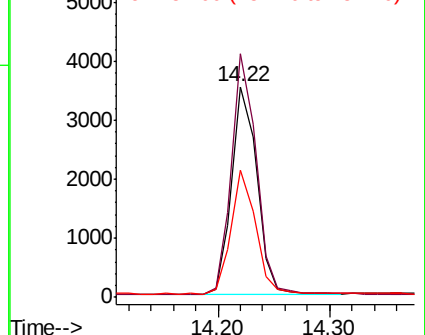
152 58.1 47.6 71.4



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: 0.416 ng

RT: 15.22 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

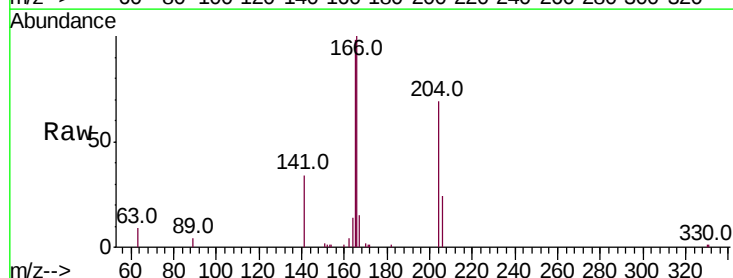
Tgt Ion:166 Resp: 6977

Ion Ratio Lower Upper

166 100

165 98.4 77.2 115.8

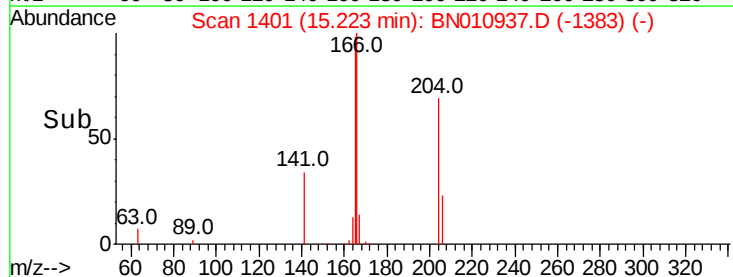
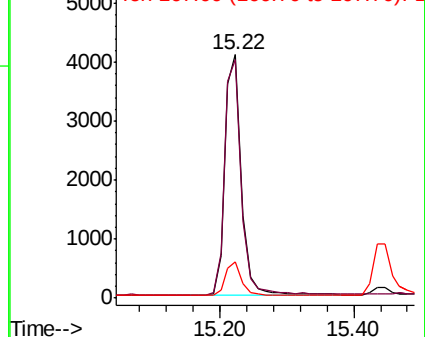
167 13.4 10.7 16.1

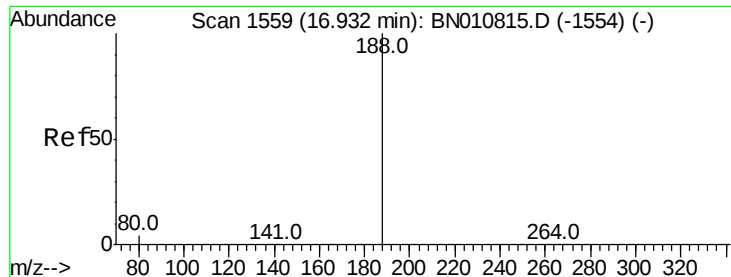


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.92 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

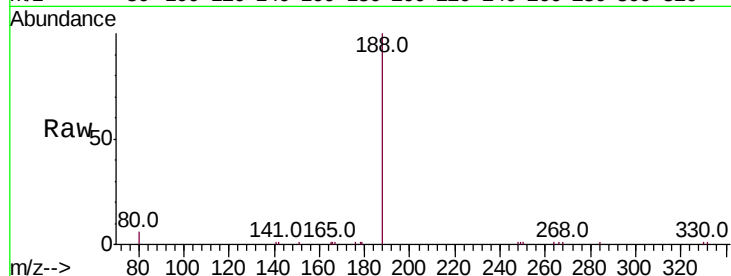
Tot Ion:188 Resp: 10052

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

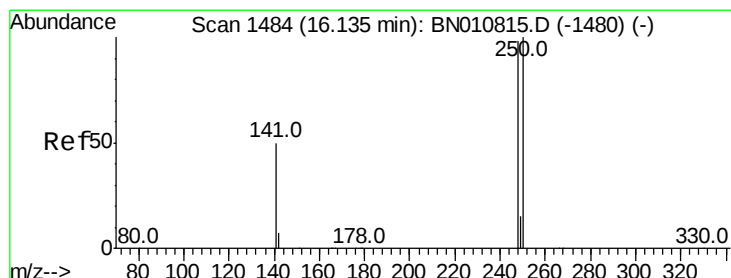
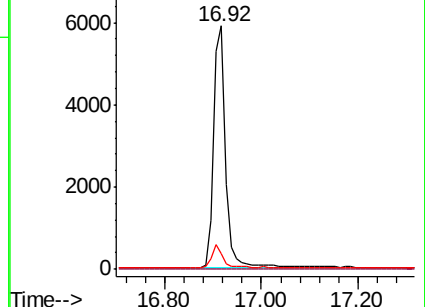
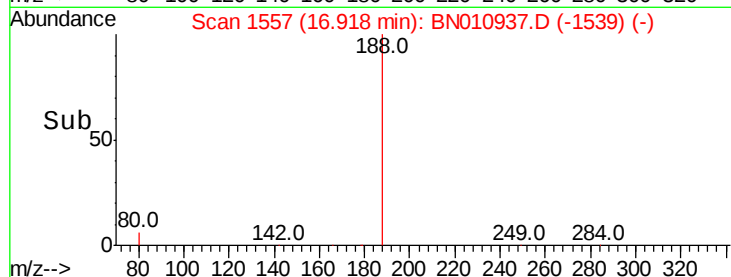
80 6.5 4.5 6.7



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



#20

4-Bromophenyl-phenylether

Concen: 0.384 ng

RT: 16.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

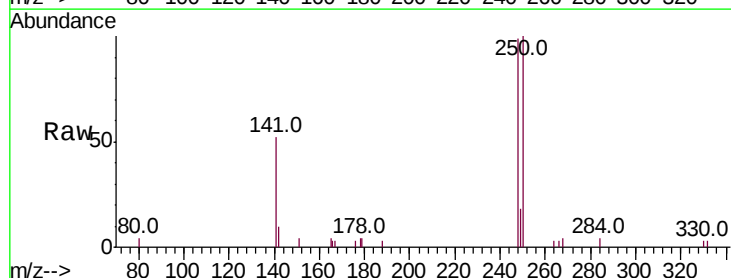
Tgt Ion:248 Resp: 2322

Ion Ratio Lower Upper

248 100

250 100.7 81.8 122.8

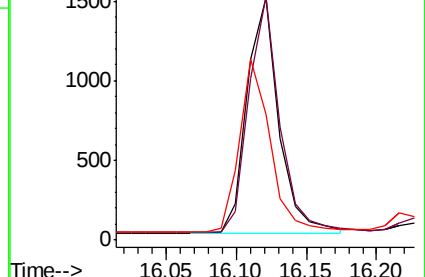
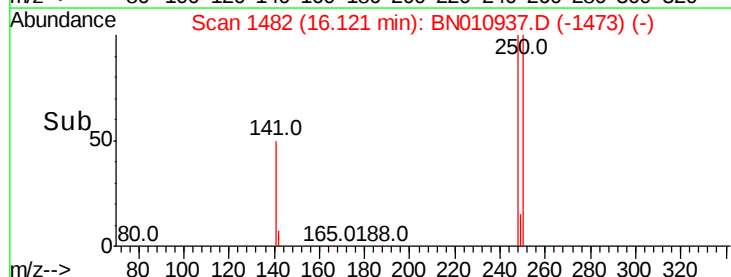
141 52.2 42.6 64.0

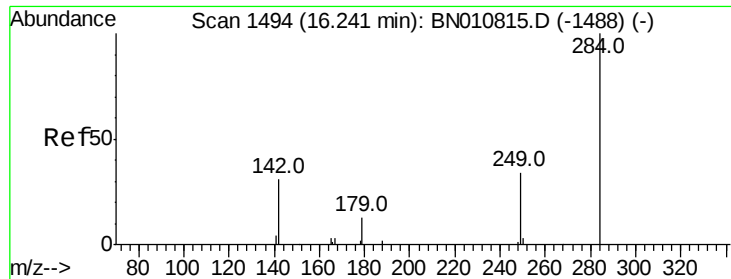


Abundance Ion 248.00 (247.70 to 248.70): E

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: 16.23 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

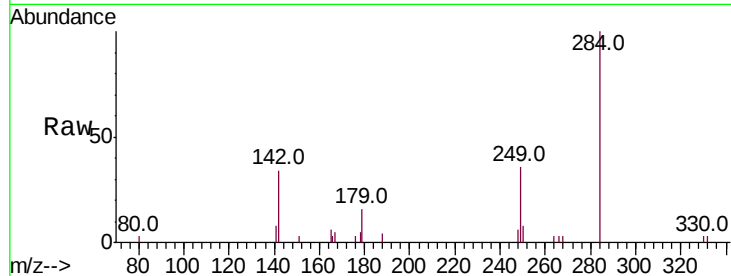
Tot Ion:284 Resp: 2530

Ion Ratio Lower Upper

284 100

142 37.5 31.0 46.4

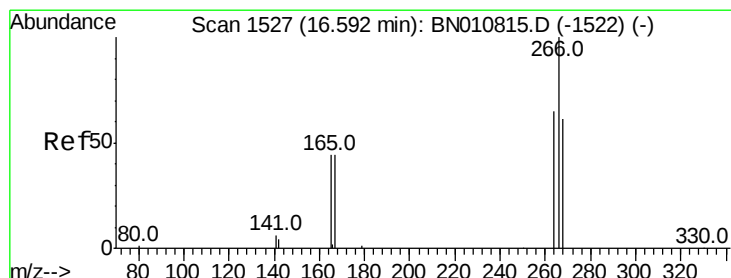
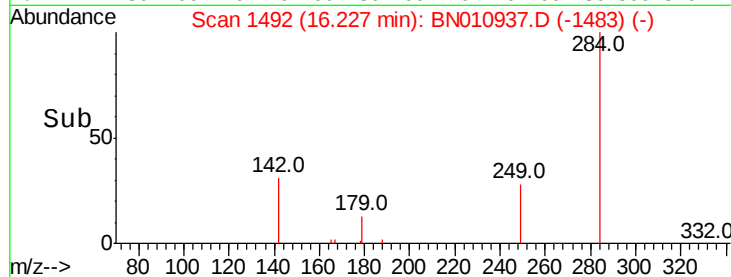
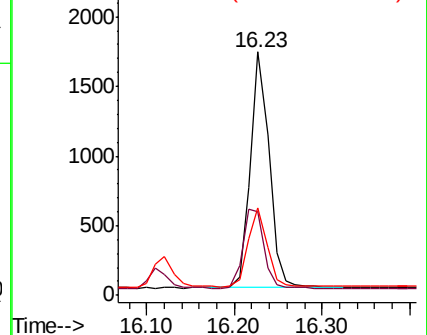
249 34.3 27.1 40.7



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: 0.378 ng

RT: 16.58 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

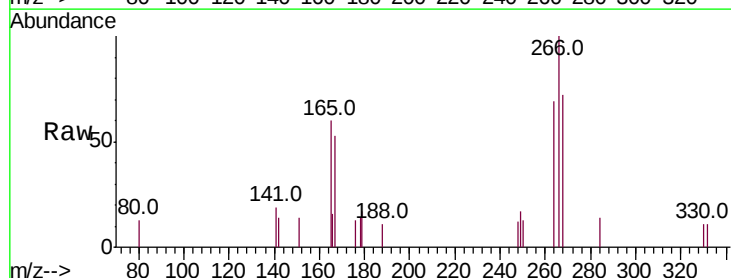
Tgt Ion:266 Resp: 800

Ion Ratio Lower Upper

266 100

264 69.3 54.8 82.2

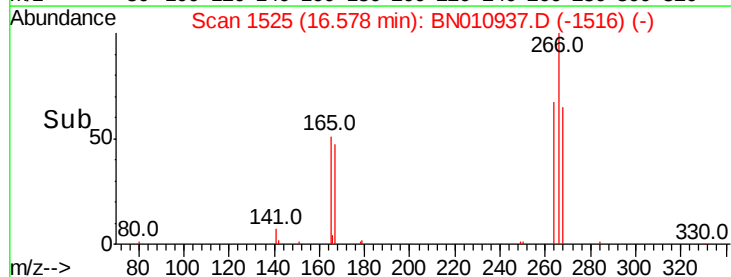
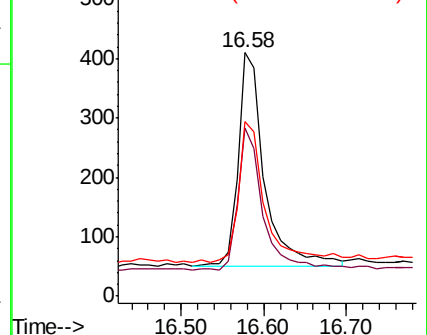
268 71.7 55.9 83.9



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: 0.403 ng

RT: 16.95 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

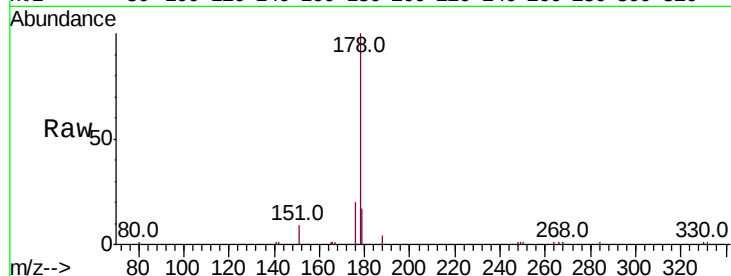
Tot Ion:178 Resp: 11052

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

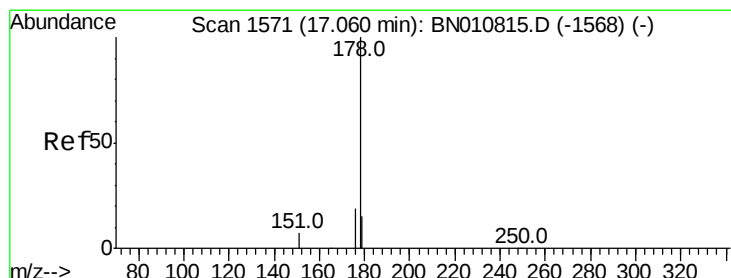
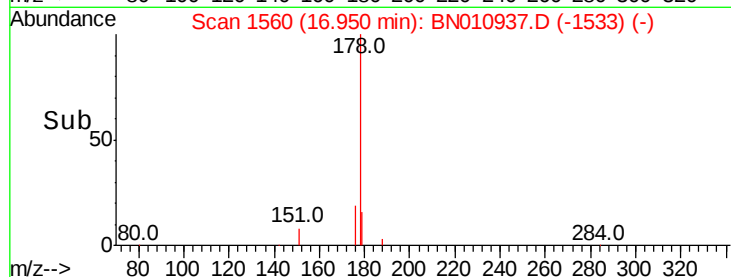
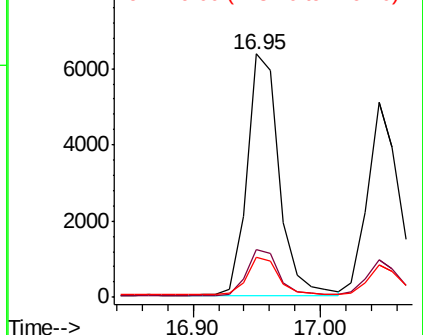
179 15.7 12.6 19.0



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: 0.395 ng

RT: 17.05 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

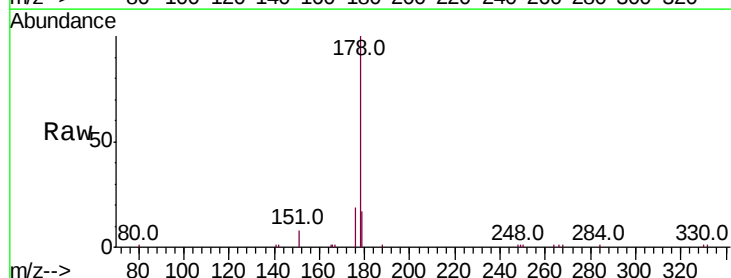
Tgt Ion:178 Resp: 9049

Ion Ratio Lower Upper

178 100

176 18.7 14.6 22.0

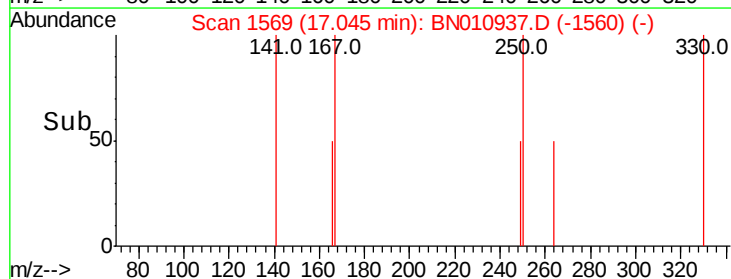
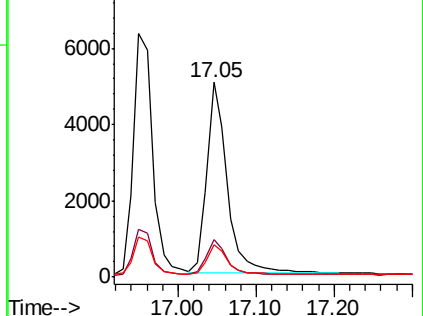
179 15.7 12.3 18.5

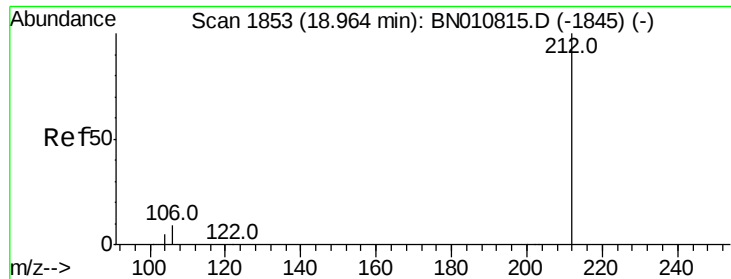


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 18.95 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

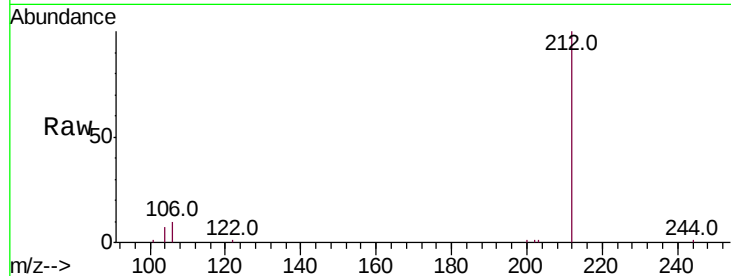
Tot Ion:212 Resp: 10665

Ion Ratio Lower Upper

212 100

106 9.2 6.6 10.0

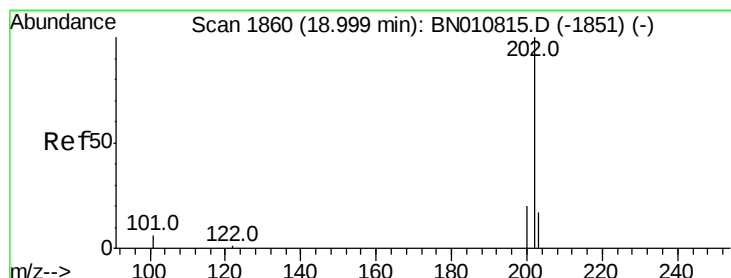
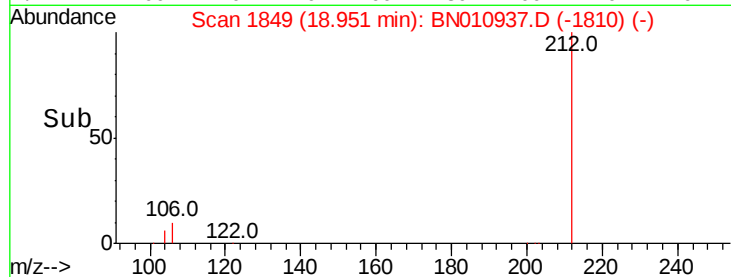
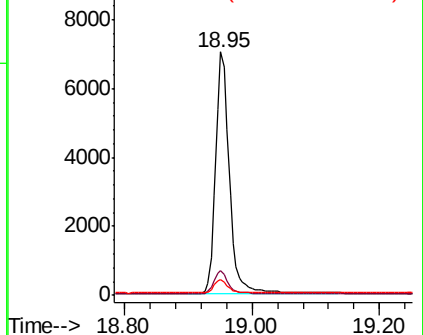
104 5.4 4.0 6.0



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: 0.391 ng

RT: 18.98 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

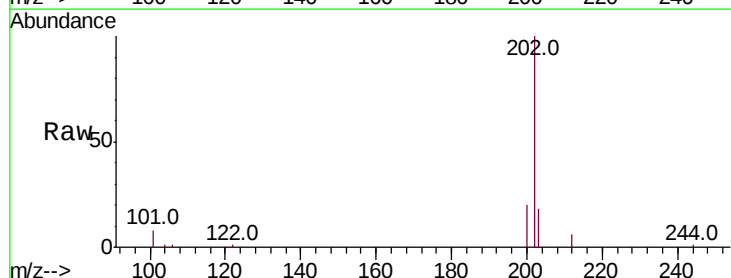
Tgt Ion:202 Resp: 12175

Ion Ratio Lower Upper

202 100

101 8.3 5.8 8.6

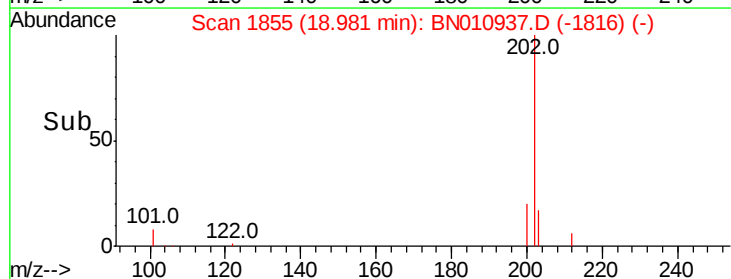
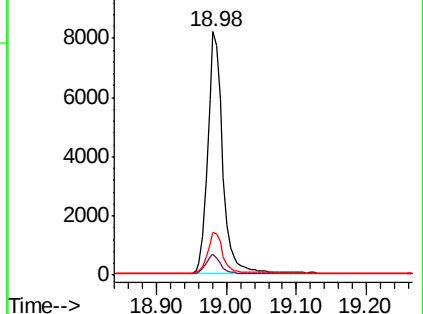
203 17.2 13.7 20.5



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

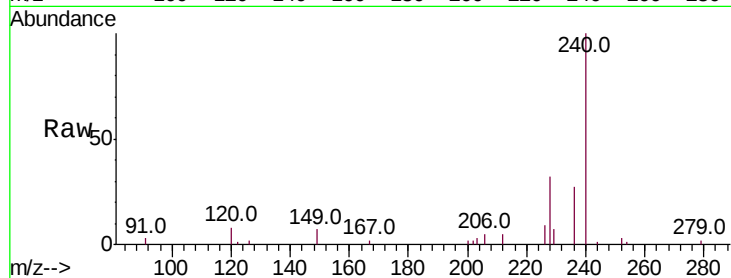




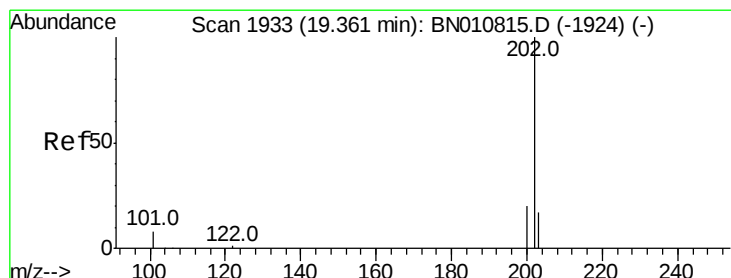
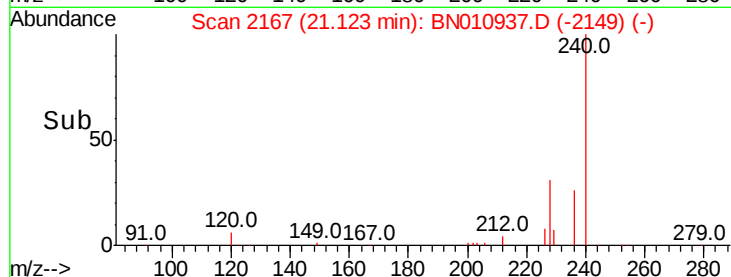
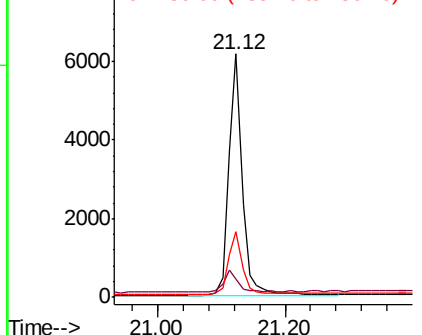
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN010937.D
Acq: 17 Jun 2020 11:05

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 8950
Ion Ratio Lower Upper
240 100
120 7.7 7.5 11.3
236 27.2 22.3 33.5

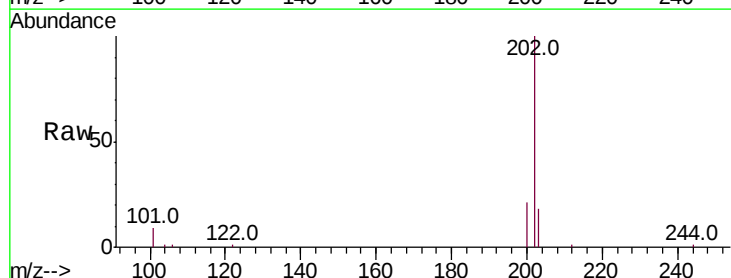


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

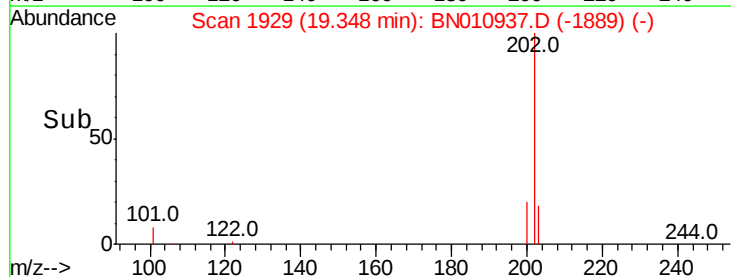
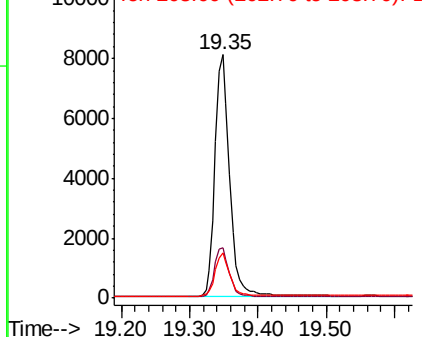


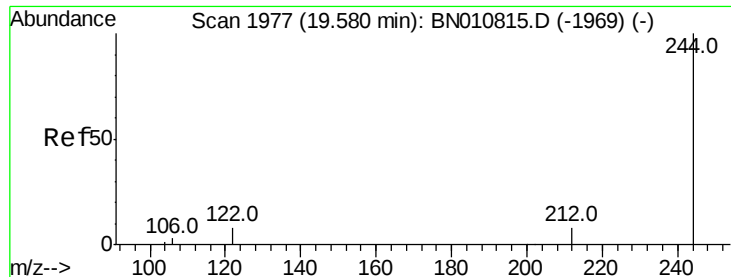
#28
Pyrene
Concen: 0.410 ng
RT: 19.35 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BN010937.D
Acq: 17 Jun 2020 11:05

Tgt Ion:202 Resp: 12144
Ion Ratio Lower Upper
202 100
200 20.5 16.4 24.6
203 17.5 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.420 ng

RT: 19.57 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

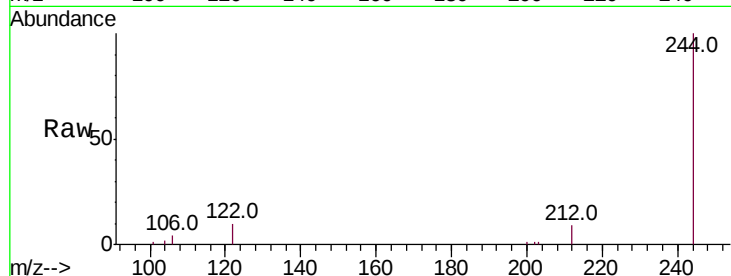
Tot Ion:244 Resp: 8790

Ion Ratio Lower Upper

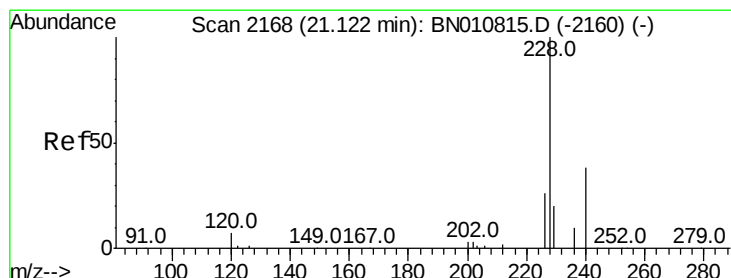
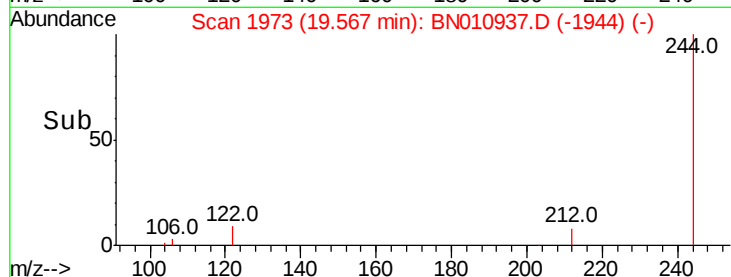
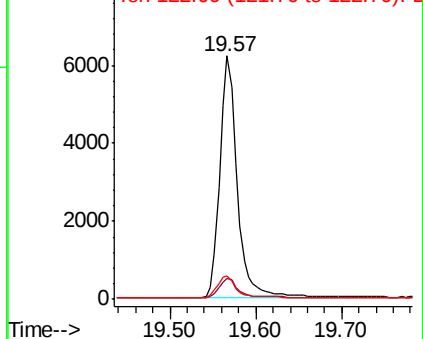
244 100

212 8.7 7.4 11.2

122 9.8 7.5 11.3



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: 0.407 ng

RT: 21.10 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

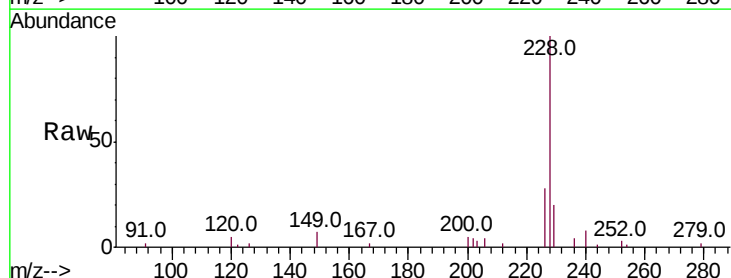
Tgt Ion:228 Resp: 10713

Ion Ratio Lower Upper

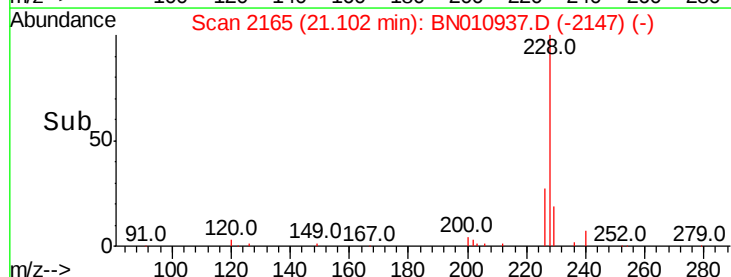
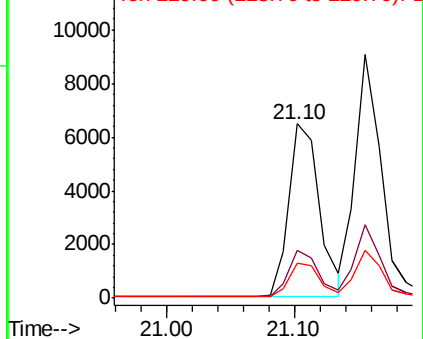
228 100

226 27.8 21.3 31.9

229 19.9 16.6 24.8



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





#31

Chrysene

Concen: 0.415 ng

RT: 21.16 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

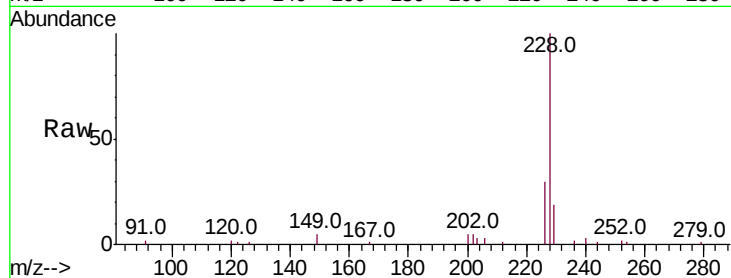
Tot Ion:228 Resp: 12732

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

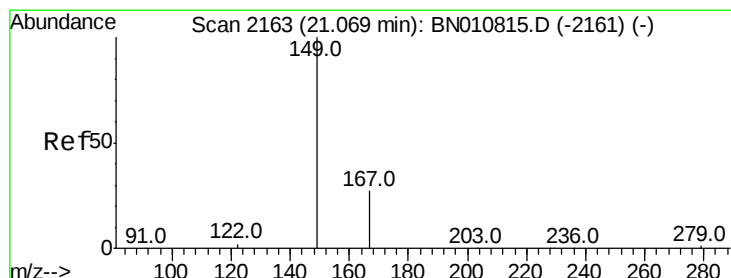
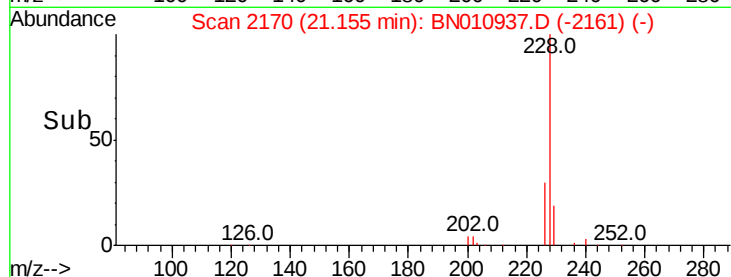
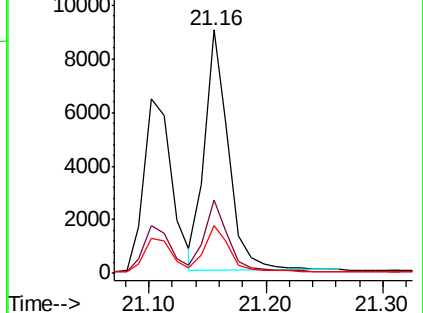
229 19.5 16.1 24.1



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: 0.433 ng

RT: 21.06 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

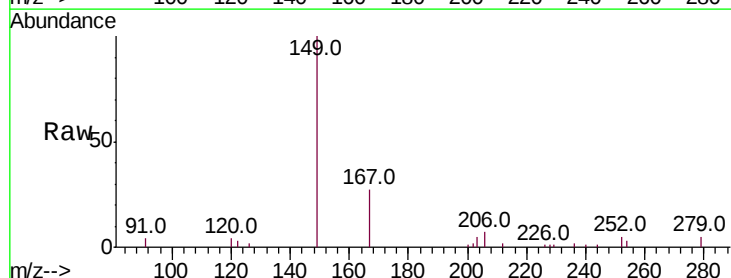
Tgt Ion:149 Resp: 3800

Ion Ratio Lower Upper

149 100

167 28.4 24.1 36.1

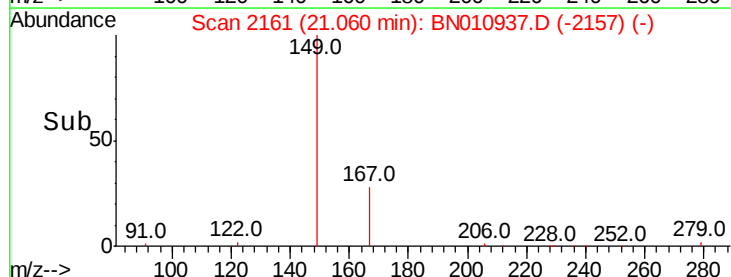
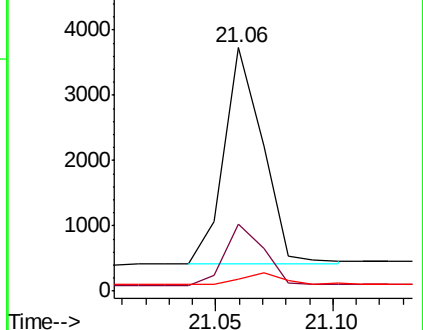
279 5.8 4.6 7.0

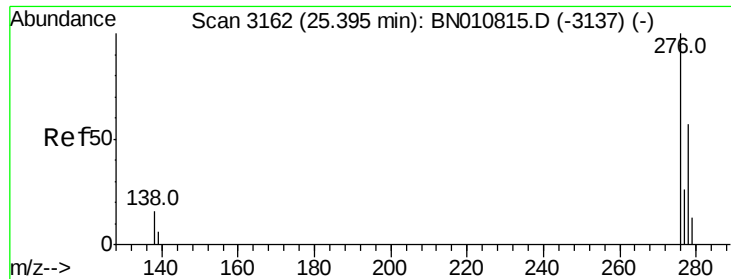


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.428 ng

RT: 25.37 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

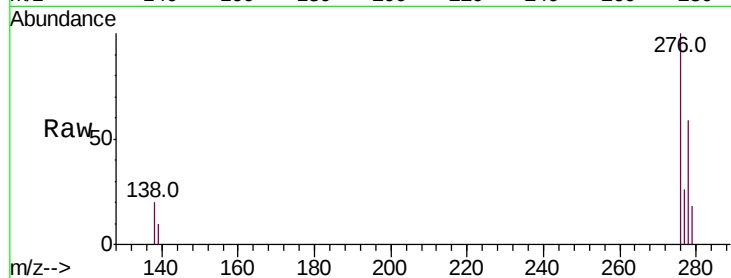
Tot Ion:276 Resp: 14647

Ion Ratio Lower Upper

276 100

138 19.7 13.0 19.6#

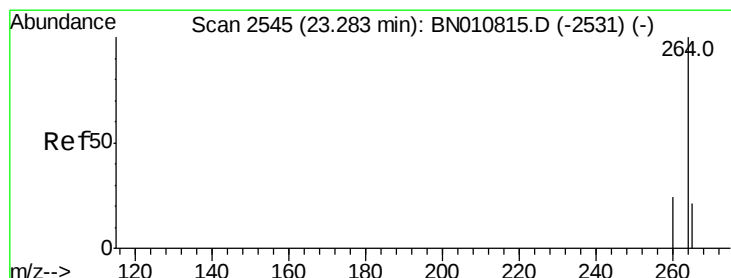
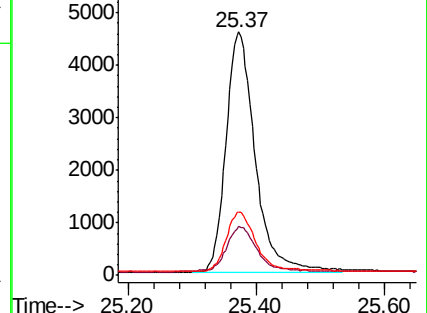
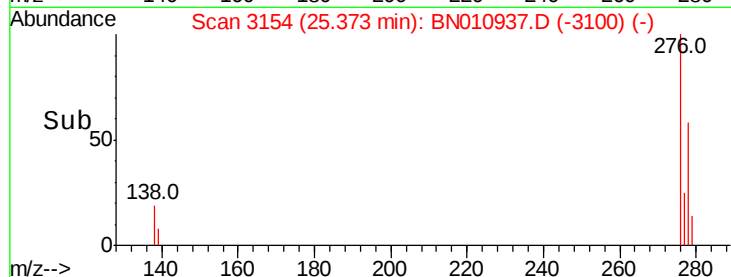
277 24.6 19.7 29.5



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: 23.27 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

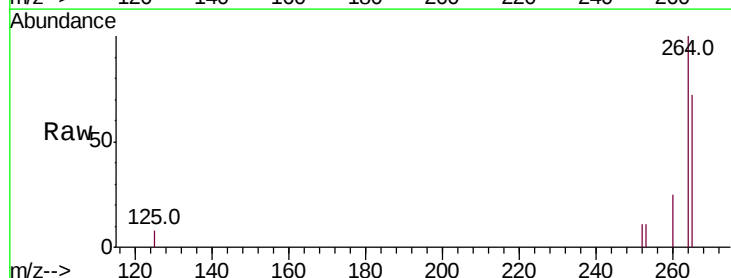
Tgt Ion:264 Resp: 9358

Ion Ratio Lower Upper

264 100

260 24.5 20.4 30.6

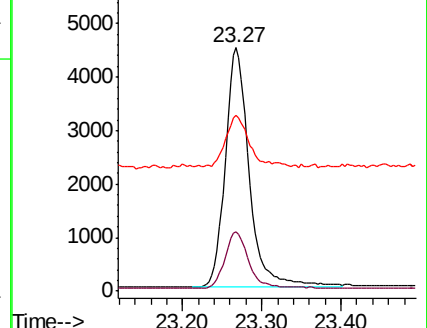
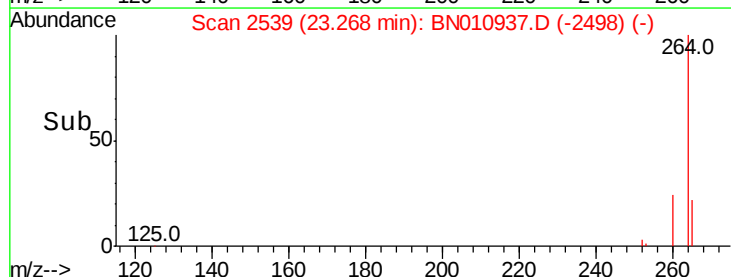
265 72.1 75.0 112.4#



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: 0.391 ng

RT: 22.63 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

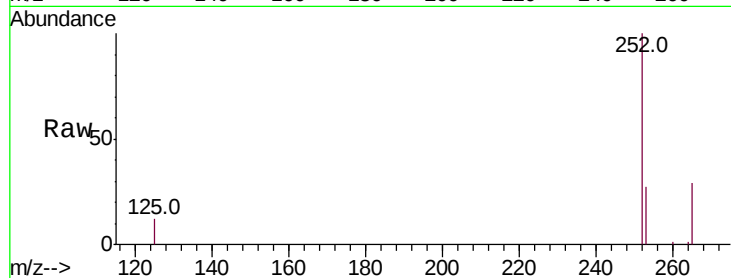
Tot Ion:252 Resp: 12443

Ion Ratio Lower Upper

252 100

253 26.6 22.4 33.6

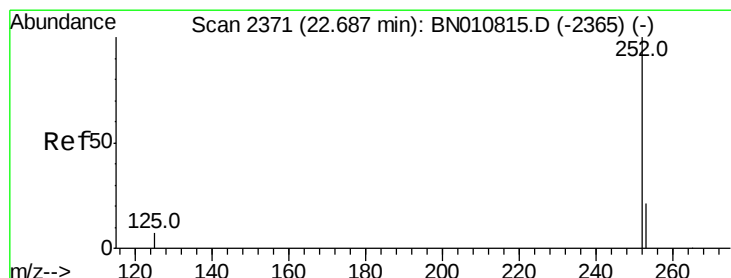
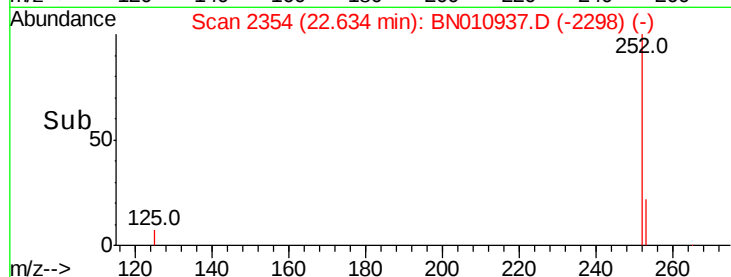
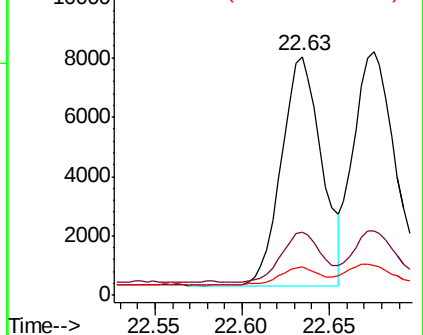
125 11.8 9.4 14.0



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



#36

Benzo(k)fluoranthene

Concen: 0.405 ng

RT: 22.68 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

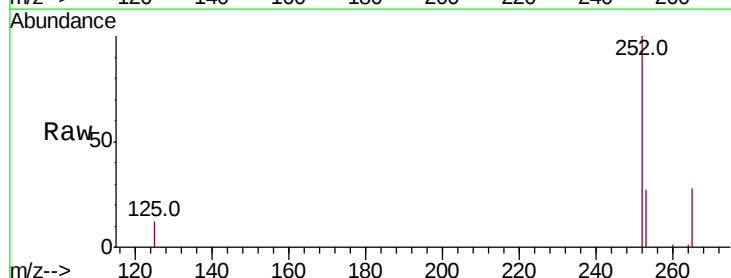
Tgt Ion:252 Resp: 13741

Ion Ratio Lower Upper

252 100

253 26.6 22.2 33.4

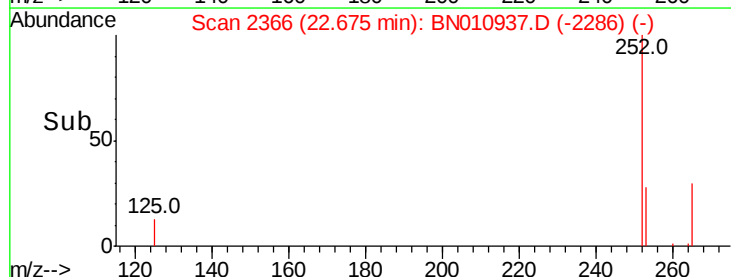
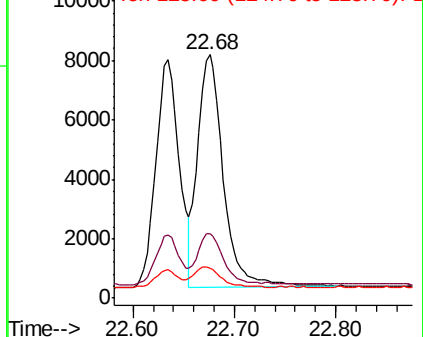
125 12.4 9.8 14.8



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





#37

Benzo(a)pyrene

Concen: 0.400 ng

RT: 23.18 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

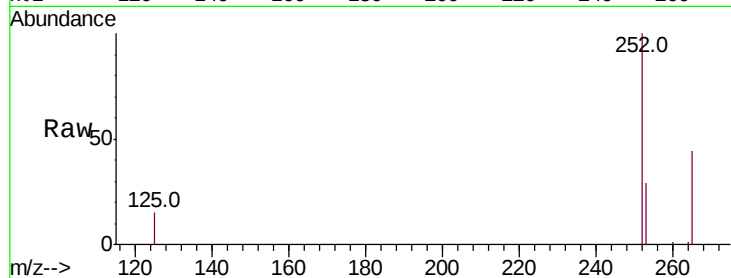
Tot Ion:252 Resp: 10917

Ion Ratio Lower Upper

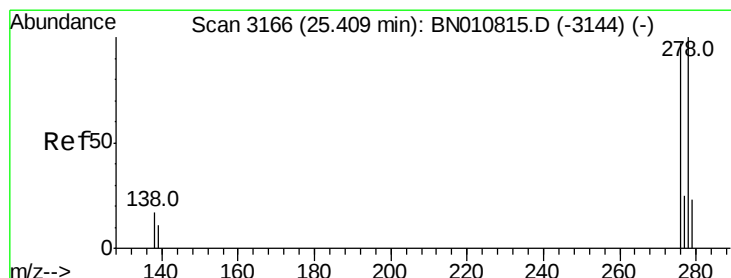
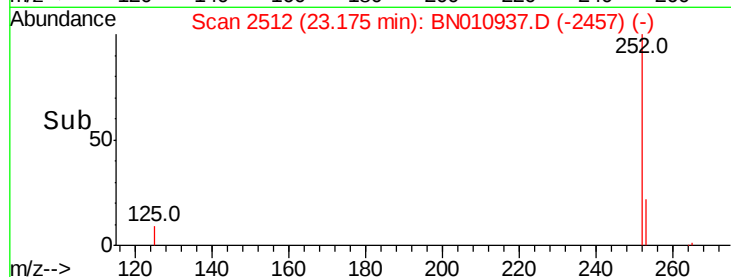
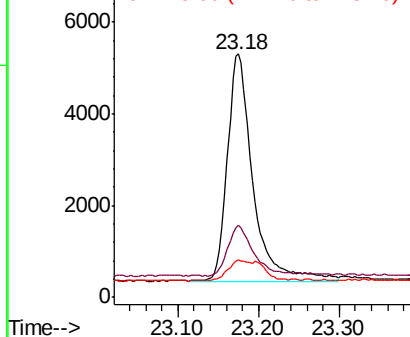
252 100

253 29.4 25.8 38.8

125 15.3 12.4 18.6



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: 0.379 ng

RT: 25.39 min Scan# 3158

Delta R.T. -0.02 min

Lab File: BN010937.D

Acq: 17 Jun 2020 11:05

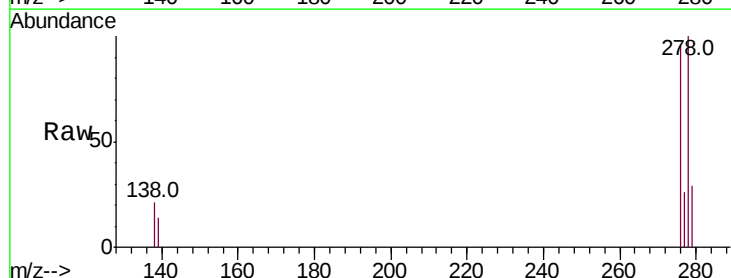
Tgt Ion:278 Resp: 11811

Ion Ratio Lower Upper

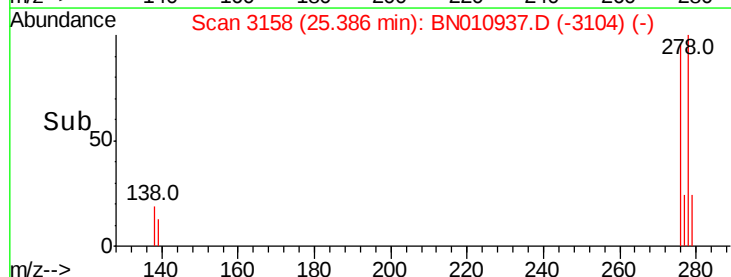
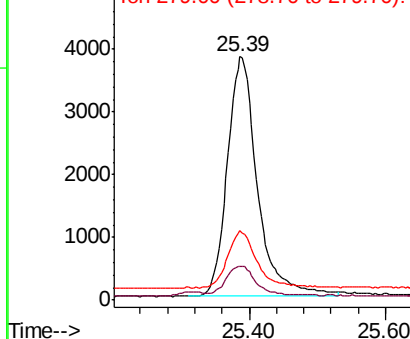
278 100

139 14.0 10.6 15.8

279 28.6 23.6 35.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.395 ng

RT: 26.01 min Scan# 3339

Delta R.T. -0.02 min

Lab File: BN010937.D

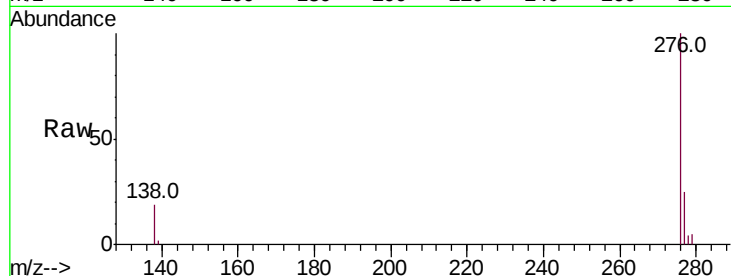
Acq: 17 Jun 2020 11:05

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:276 Resp: 12855

Ion Ratio Lower Upper

276 100

277 25.1 20.5 30.7

138 18.8 13.7 20.5

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

