

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
 Data File : BN010815.D
 Acq On : 10 Jun 2020 12:50
 Operator : CG/JU
 Sample : SSTDICC0.4
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

Quant Time: Jun 10 13:44:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 13:41:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1972	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	6568	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	3546	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	7346	0.40	ng	0.00
27) Chrysene-d12	21.13	240	6549	0.40	ng	0.00
34) Perylene-d12	23.28	264	6282	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	1556	0.40	ng	0.00
5) Phenol-d6	6.75	99	1793	0.39	ng	0.00
8) Nitrobenzene-d5	8.69	82	2020	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	4272	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	491	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	5957	0.43	ng	0.00
25) Fluoranthene-d10	18.96	212	8190	0.40	ng	0.00
29) Terphenyl-d14	19.58	244	6420	0.44	ng	0.00

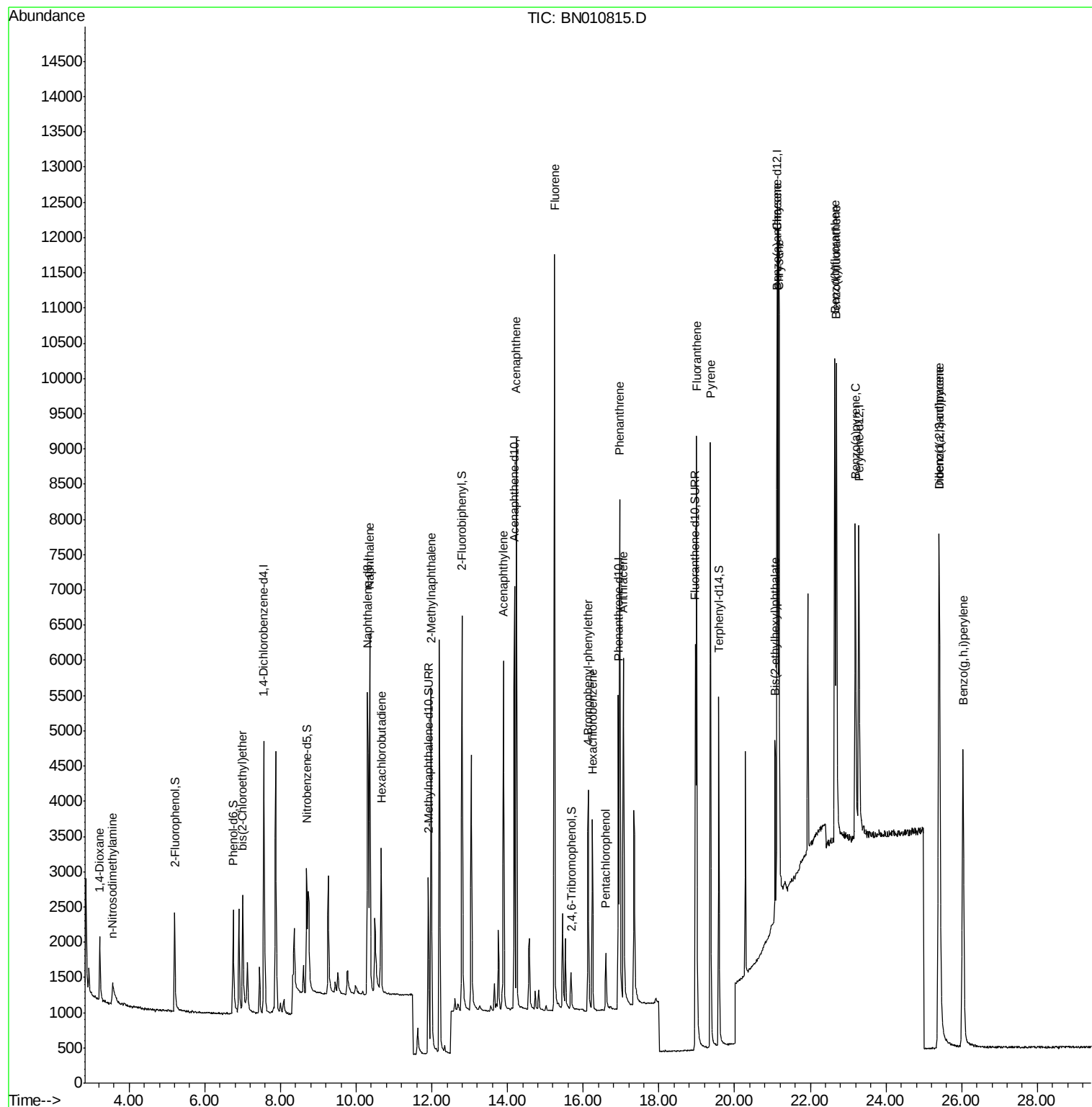
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	808	0.414	ng	100
3) n-Nitrosodimethylamine	3.56	42	395	0.348	ng	100
6) bis(2-Chloroethyl)ether	7.00	93	1747	0.394	ng	100
9) Naphthalene	10.35	128	6924	0.423	ng	100
10) Hexachlorobutadiene	10.66	225	1755	0.440	ng	# 100
12) 2-Methylnaphthalene	11.98	142	4538	0.419	ng	100
16) Acenaphthylene	13.89	152	5859	0.408	ng	100
17) Acenaphthene	14.24	154	4122	0.423	ng	100
18) Fluorene	15.24	166	5245	0.415	ng	100
20) 4-Bromophenyl-phenylether	16.14	248	1805	0.421	ng	100
21) Hexachlorobenzene	16.24	284	1934	0.428	ng	100
22) Pentachlorophenol	16.59	266	599	0.389	ng	100
23) Phenanthrene	16.96	178	8224	0.414	ng	100
24) Anthracene	17.06	178	6642	0.395	ng	100
26) Fluoranthene	19.00	202	9107	0.396	ng	100
28) Pyrene	19.36	202	9005	0.434	ng	100
30) Benzo(a)anthracene	21.12	228	7627	0.397	ng	100
31) Chrysene	21.16	228	9712	0.445	ng	100
32) Bis(2-ethylhexyl)phthalate	21.07	149	2510	0.395	ng	100
33) Indeno(1,2,3-cd)pyrene	25.39	276	10487	0.400	ng	100
35) Benzo(b)fluoranthene	22.65	252	8842	0.432	ng	100
36) Benzo(k)fluoranthene	22.69	252	9576	0.425	ng	100
37) Benzo(a)pyrene	23.19	252	7357	0.403	ng	100
38) Dibenzo(a,h)anthracene	25.41	278	8504	0.413	ng	100
39) Benzo(g,h,i)perylene	26.03	276	9292	0.437	ng	100

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

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Time: Jun 10 13:44:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 13:41:15 2020
Response via : Initial Calibration



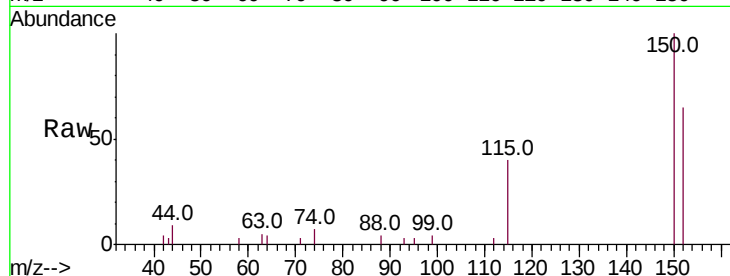


#1

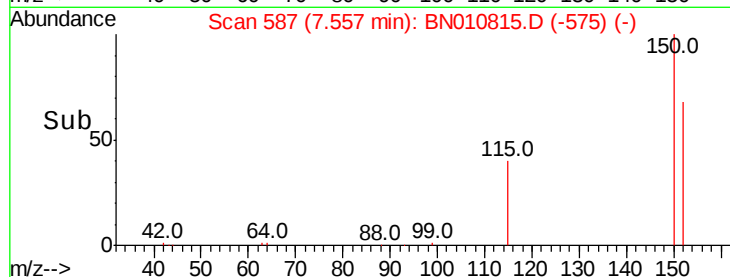
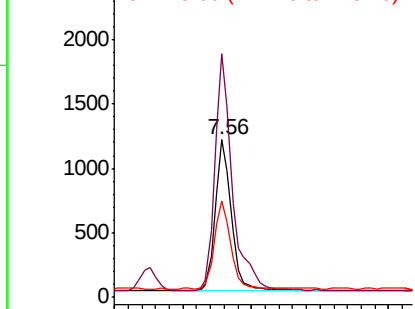
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 1972
Ion Ratio Lower Upper
152 100
150 154.7 123.8 185.6
115 61.5 49.2 73.8



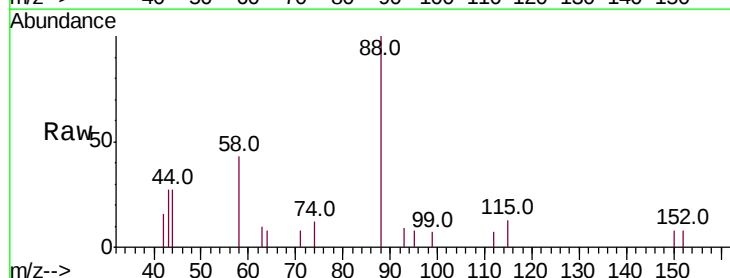
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



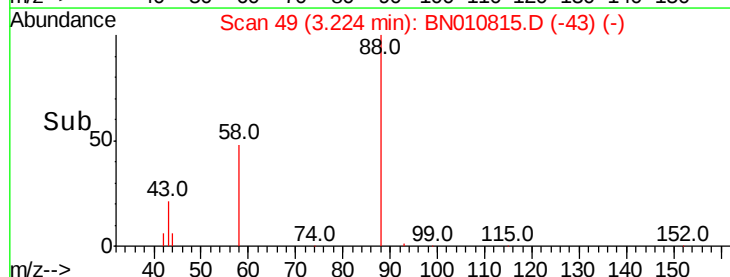
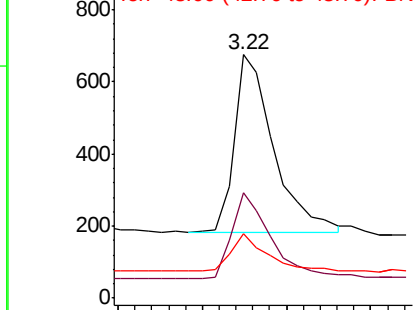
#2

1,4-Dioxane
Concen: 0.414 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion: 88 Resp: 808
Ion Ratio Lower Upper
88 100
58 47.8 38.2 57.4
43 18.9 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



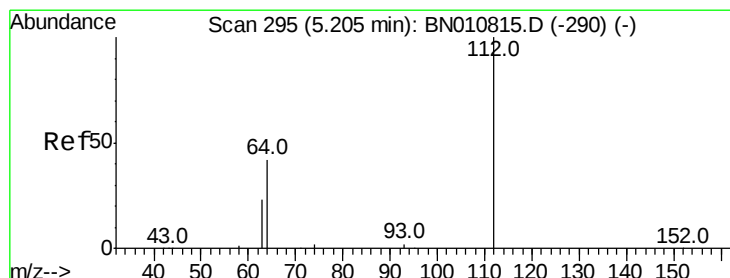
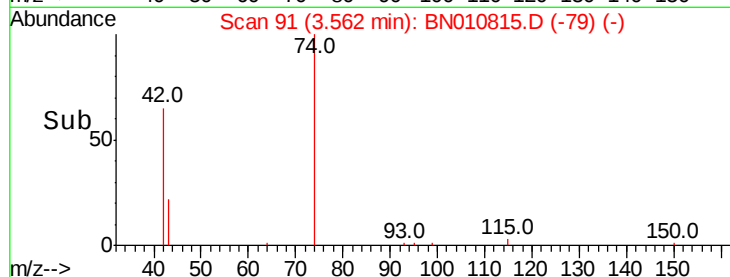
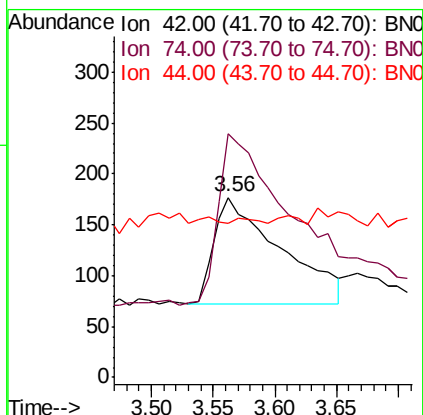
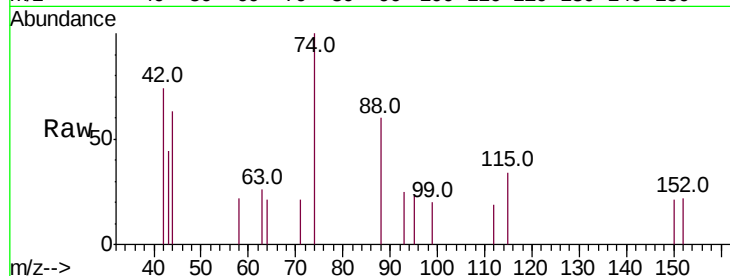


#3

n-Nitrosodimethylamine
 Concen: 0.348 ng
 RT: 3.56 min Scan# 91
 Delta R.T. 0.00 min
 Lab File: BN010815.D
 Acq: 10 Jun 2020 12:50

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

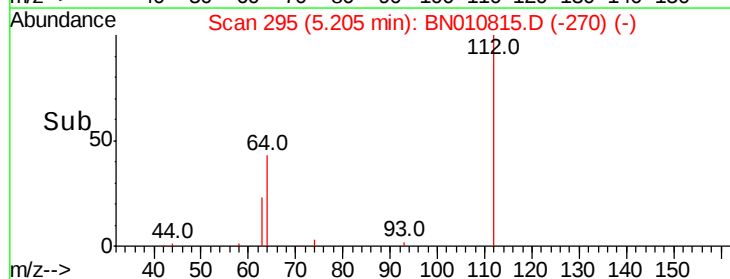
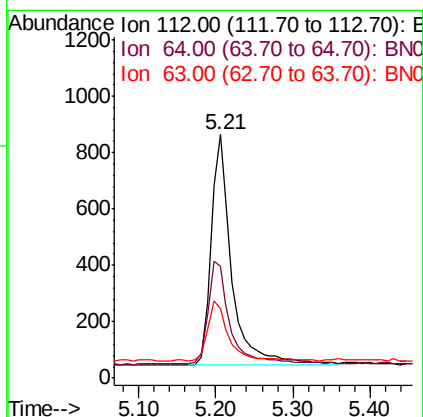
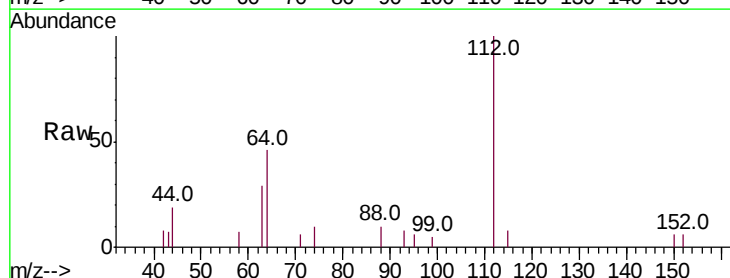
Tot Ion: 42 Resp: 395
 Ion Ratio Lower Upper
 42 100
 74 175.9 140.7 211.1
 44 1.8 1.4 2.2

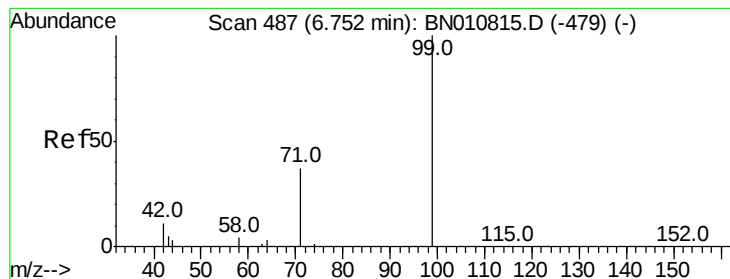


#4

2-Fluorophenol
 Concen: 0.396 ng
 RT: 5.21 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: BN010815.D
 Acq: 10 Jun 2020 12:50

Tgt Ion: 112 Resp: 1556
 Ion Ratio Lower Upper
 112 100
 64 46.7 37.4 56.0
 63 27.8 22.2 33.4





#5

Phenol-d6

Concen: 0.386 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

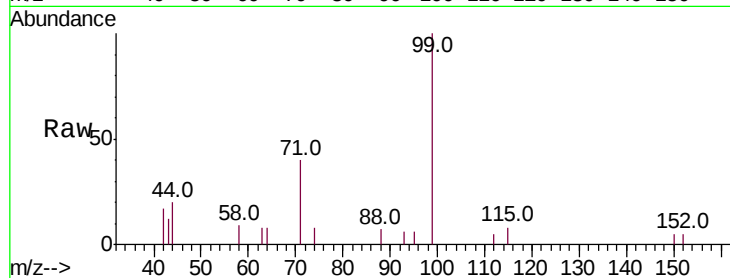
Tot Ion: 99 Resp: 1793

Ion Ratio Lower Upper

99 100

42 13.9 11.1 16.7

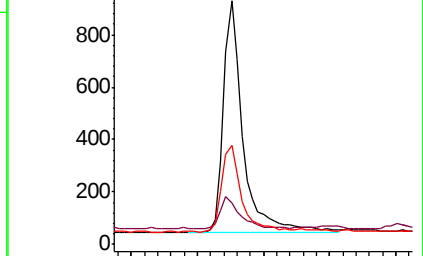
71 39.3 31.4 47.2



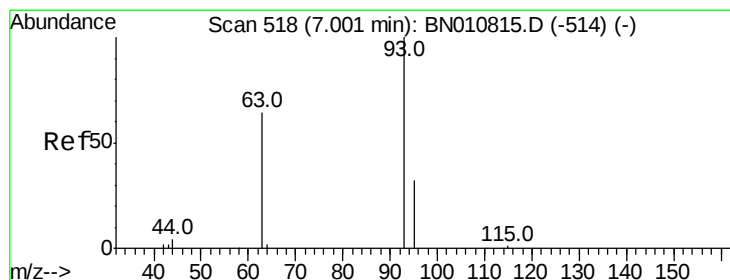
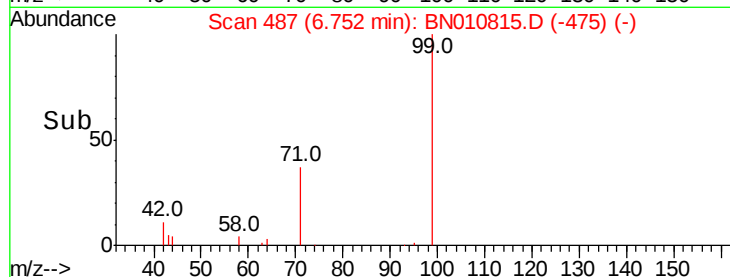
Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



Time--> 6.60 6.70 6.80 6.90



#6

bis(2-Chloroethyl)ether

Concen: 0.394 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

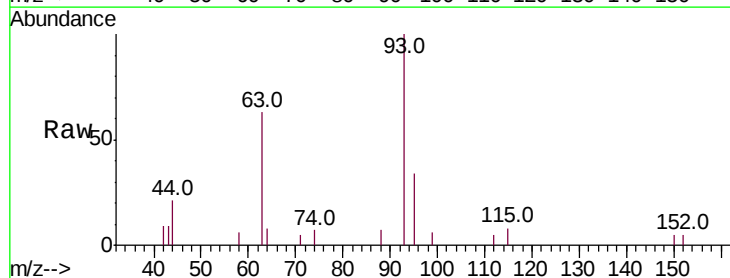
Tgt Ion: 93 Resp: 1747

Ion Ratio Lower Upper

93 100

63 61.8 49.4 74.2

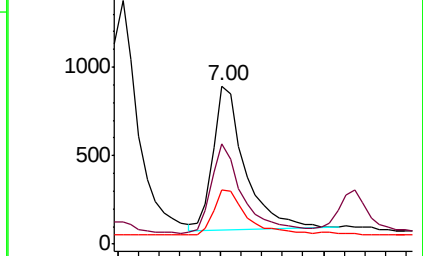
95 33.4 26.7 40.1



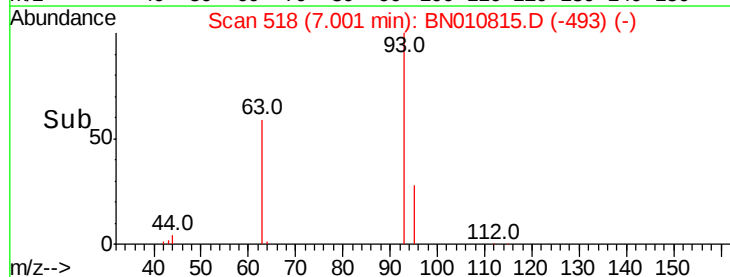
Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0



Time--> 6.90 7.00 7.10





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 6568

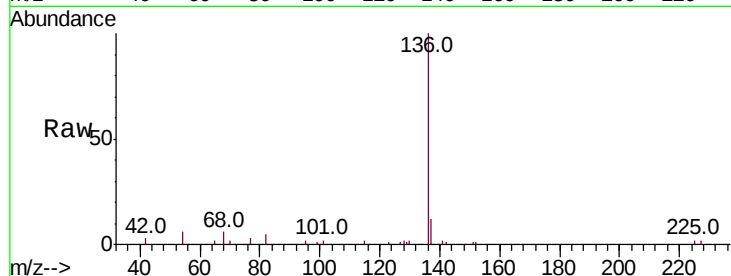
Ion Ratio Lower Upper

136 100

137 12.1 9.7 14.5

54 6.1 4.9 7.3

68 5.9 4.7 7.1

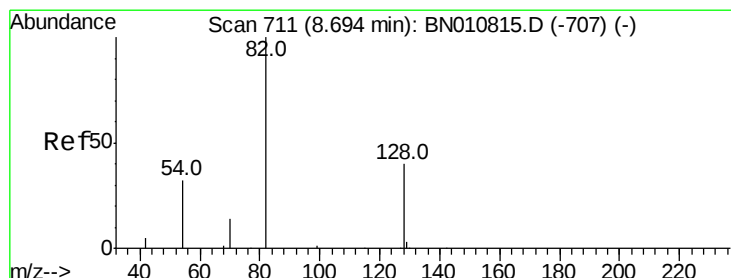
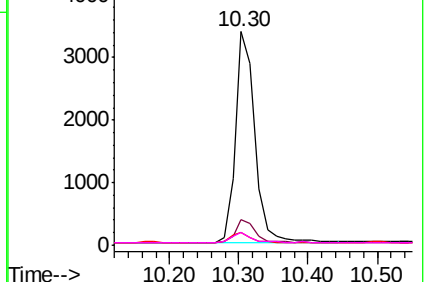
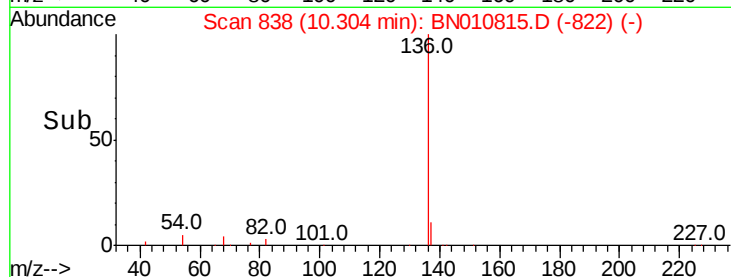


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.419 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

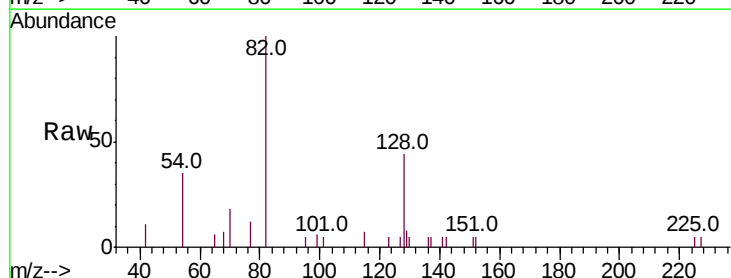
Tgt Ion: 82 Resp: 2020

Ion Ratio Lower Upper

82 100

128 44.2 35.4 53.0

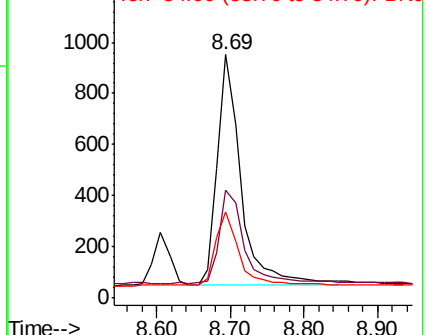
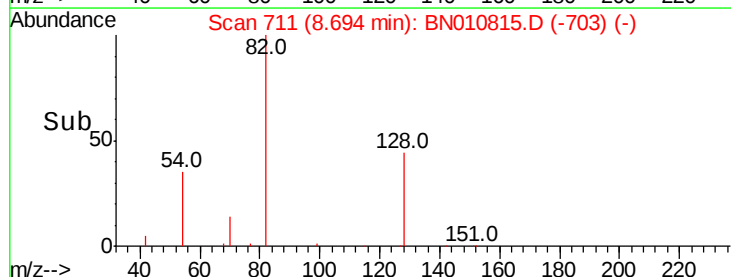
54 35.3 28.2 42.4



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: 0.423 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

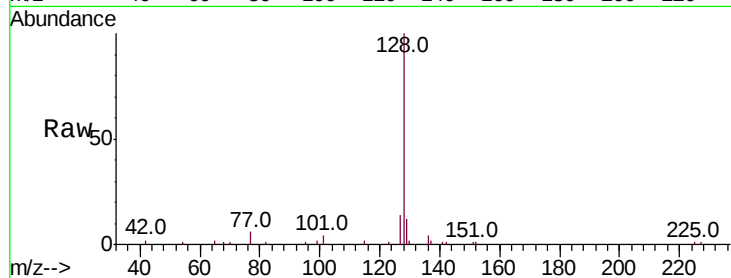
Tot Ion:128 Resp: 6924

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

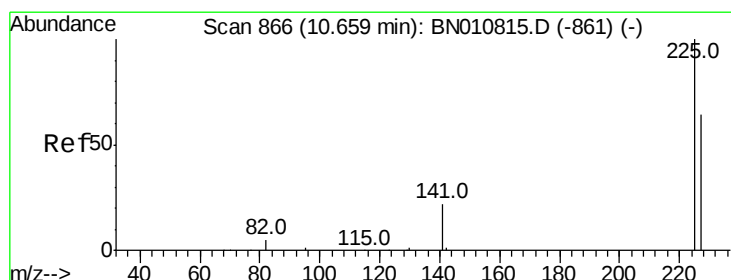
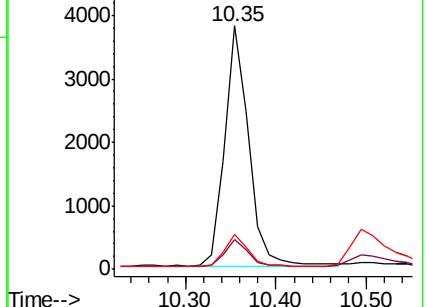
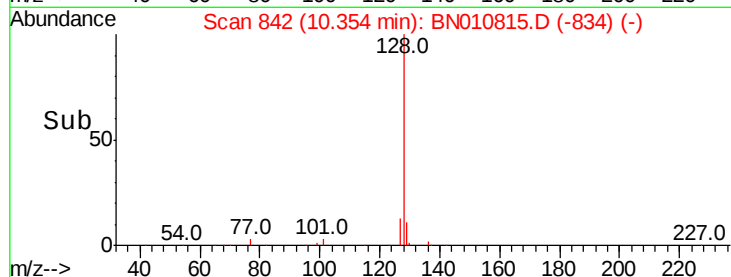
127 14.3 11.4 17.2



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: 0.440 ng

RT: 10.66 min Scan# 866

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

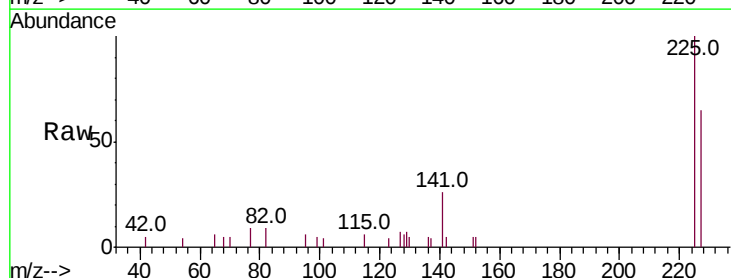
Tgt Ion:225 Resp: 1755

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

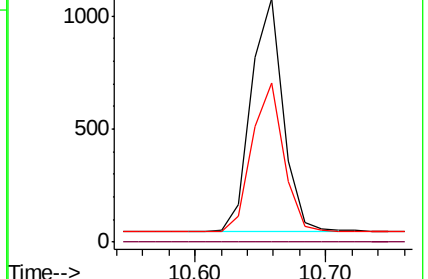
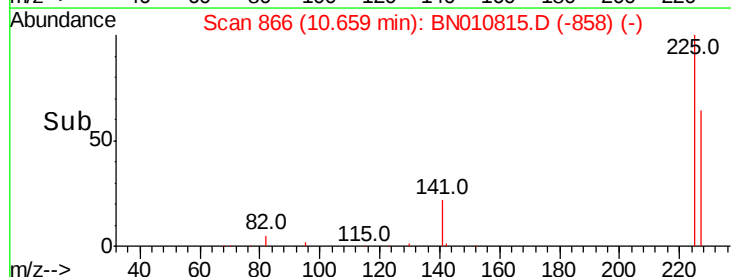
227 63.1 50.5 75.7

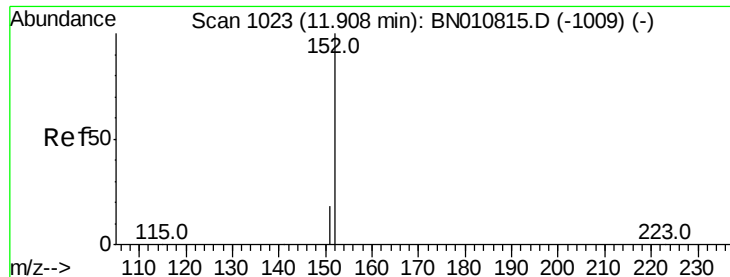


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

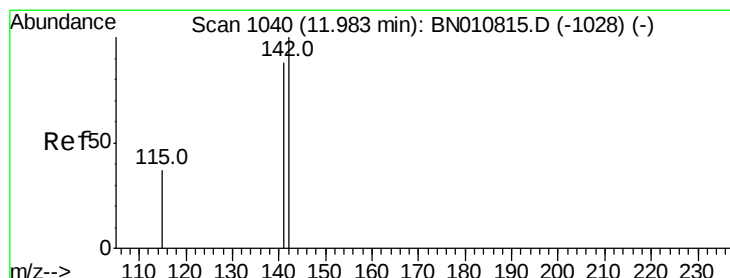
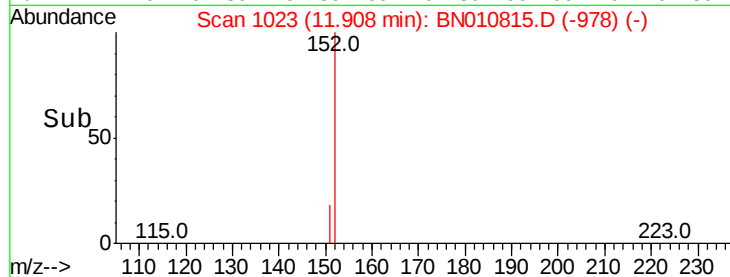
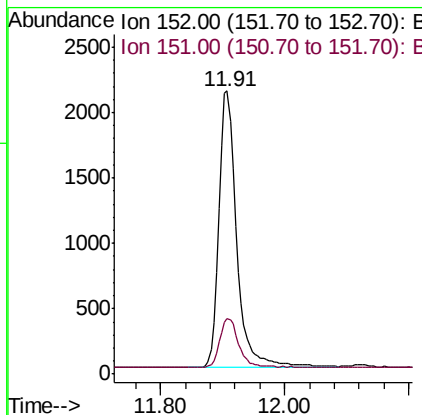
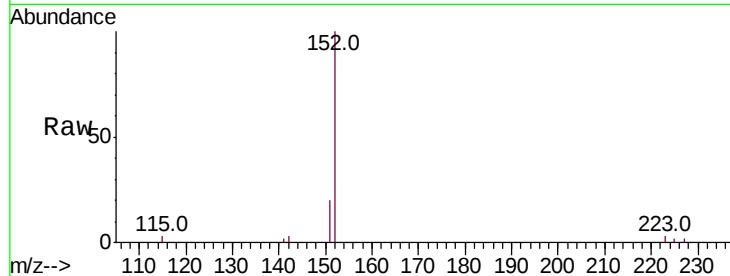




#11
2-Methylnaphthalene-d10
Concen: 0.429 ng
RT: 11.91 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

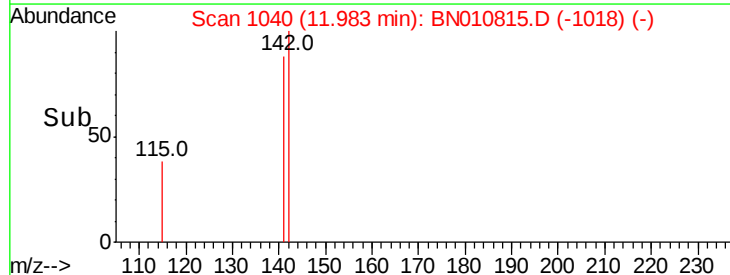
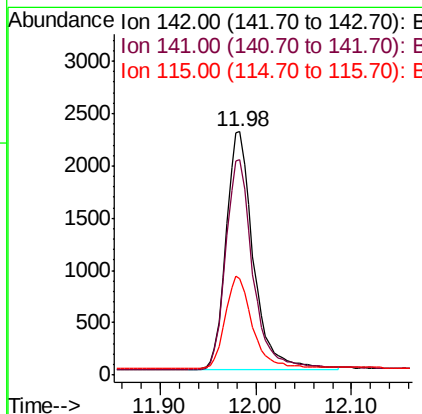
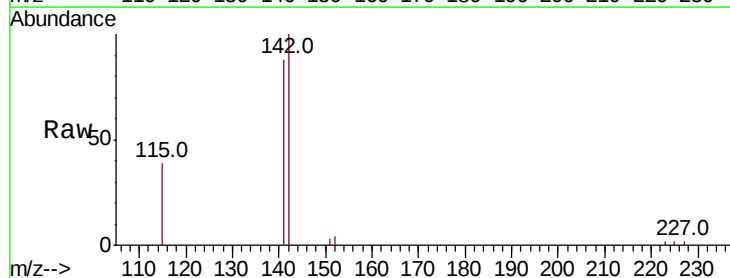
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

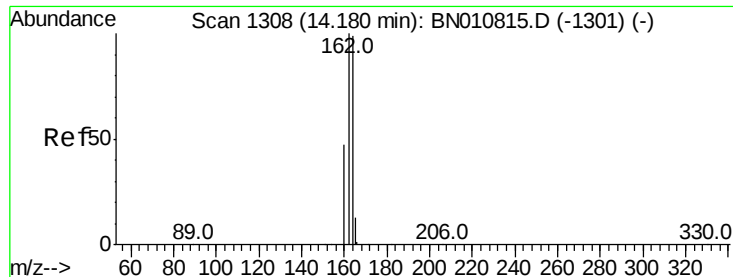
Tot Ion:152 Resp: 4272
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.419 ng
RT: 11.98 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:142 Resp: 4538
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2
115 39.4 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

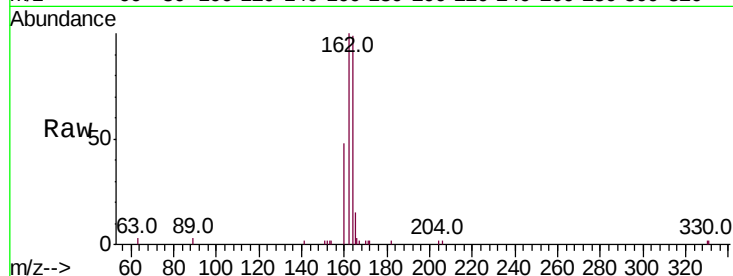
Tot Ion:164 Resp: 3546

Ion Ratio Lower Upper

164 100

162 101.3 81.0 121.6

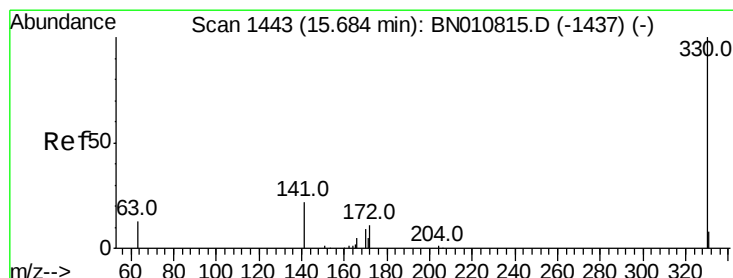
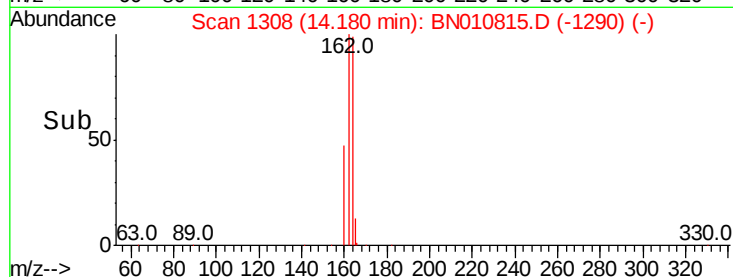
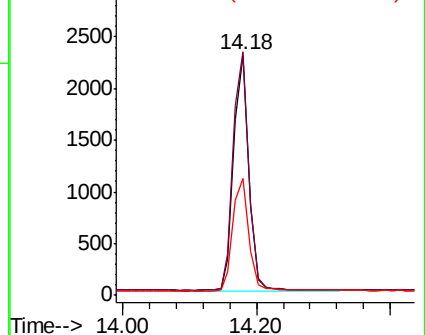
160 48.6 38.9 58.3



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: 0.396 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

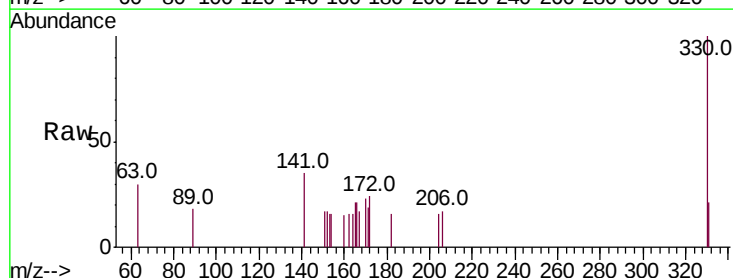
Tgt Ion:330 Resp: 491

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

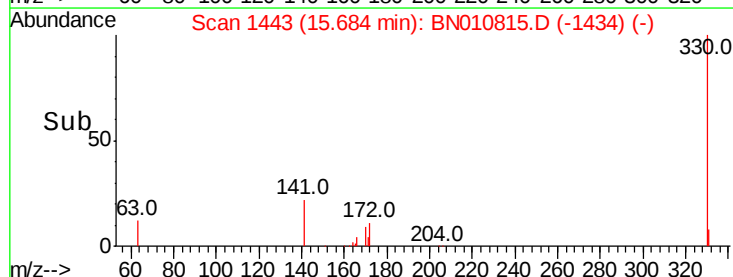
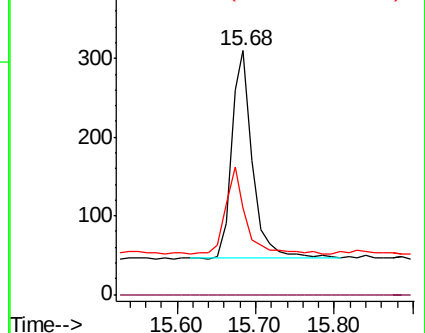
141 41.5 33.2 49.8



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

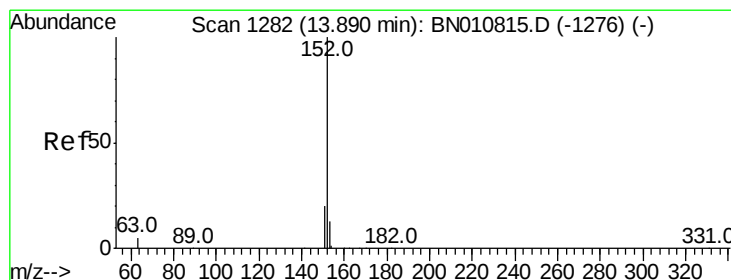
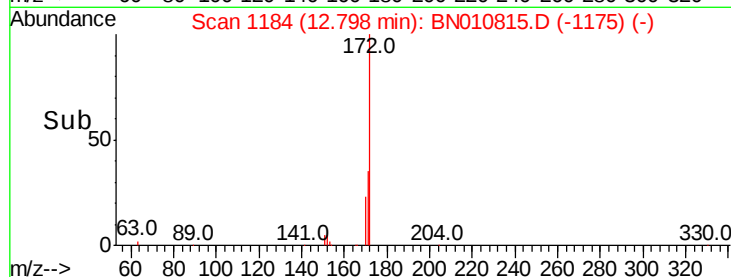
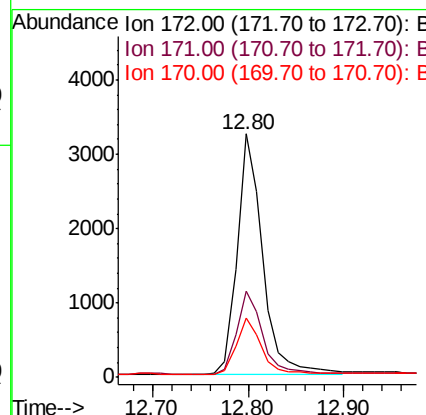
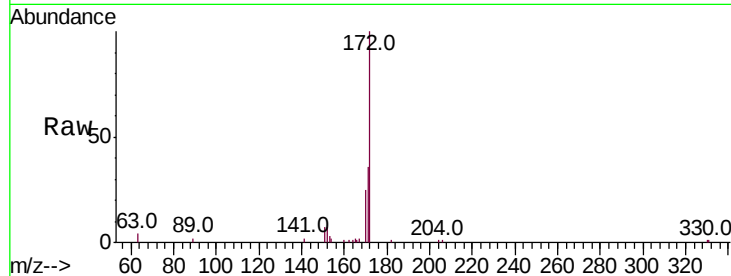




#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

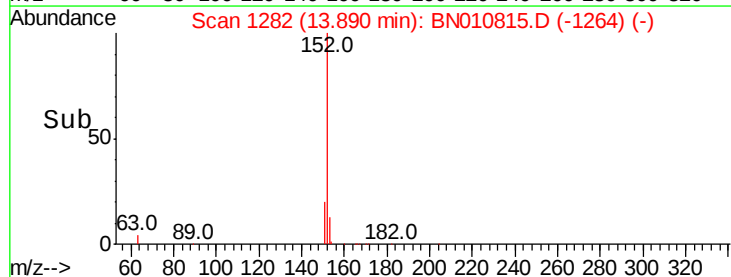
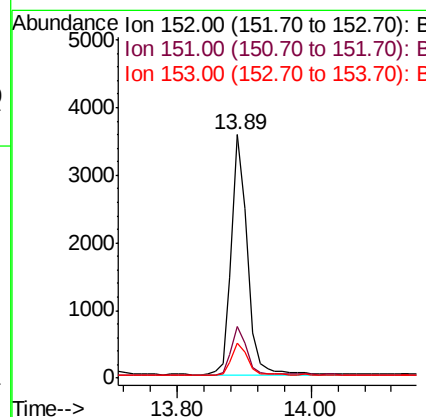
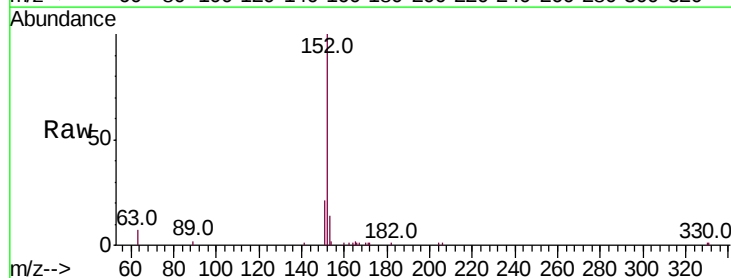
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

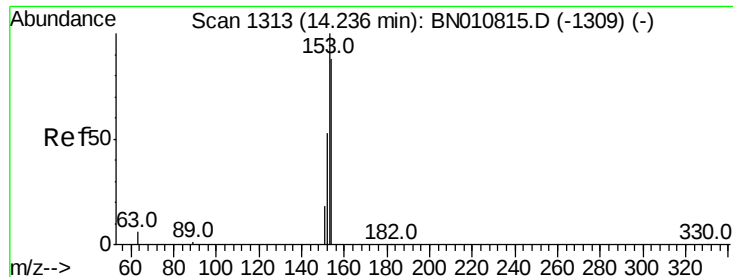
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.6	19.7	29.5



#16
Acenaphthylene
Concen: 0.408 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.3	10.6	16.0





#17

Acenaphthene

Concen: 0.423 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

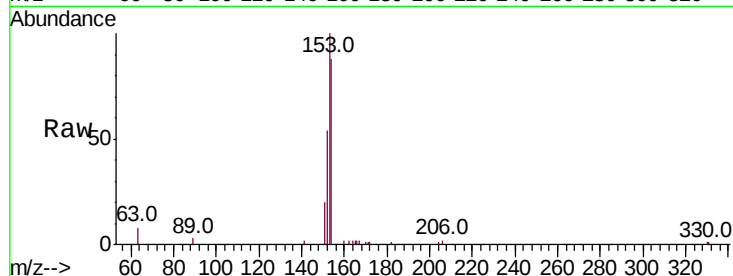
Tot Ion:154 Resp: 4122

Ion Ratio Lower Upper

154 100

153 114.7 91.8 137.6

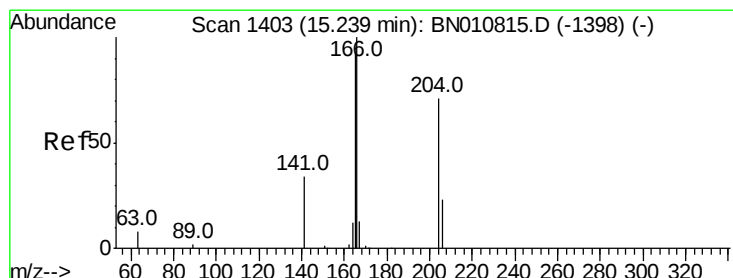
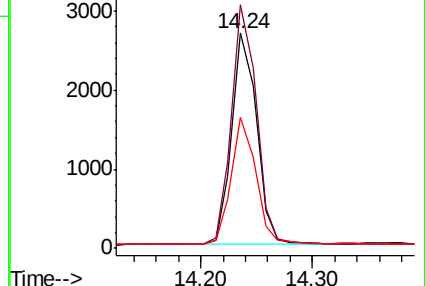
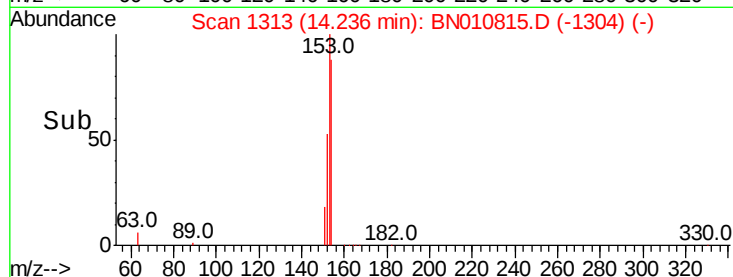
152 59.5 47.6 71.4



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: 0.415 ng

RT: 15.24 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

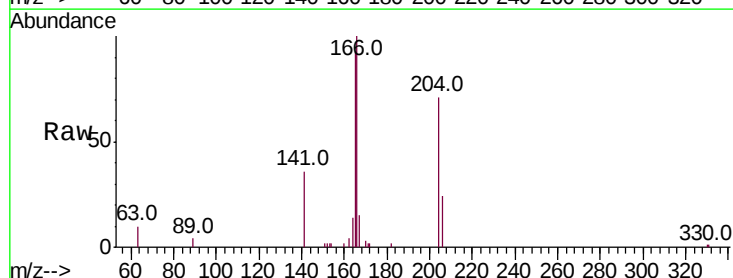
Tgt Ion:166 Resp: 5245

Ion Ratio Lower Upper

166 100

165 96.5 77.2 115.8

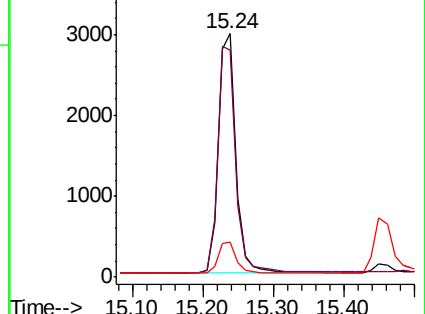
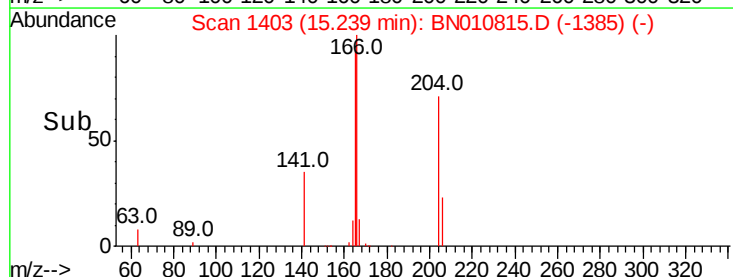
167 13.4 10.7 16.1

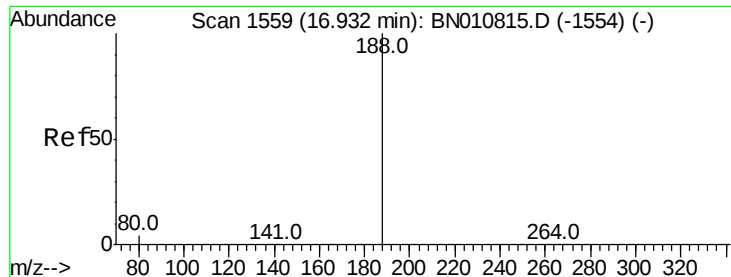


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

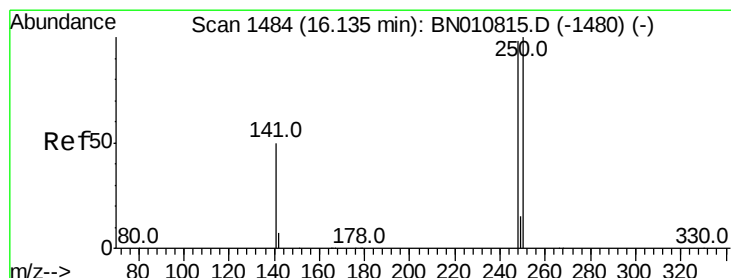
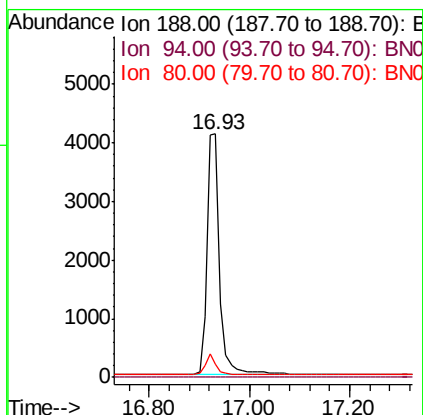
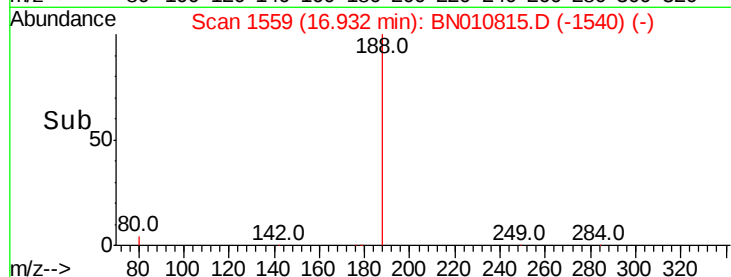
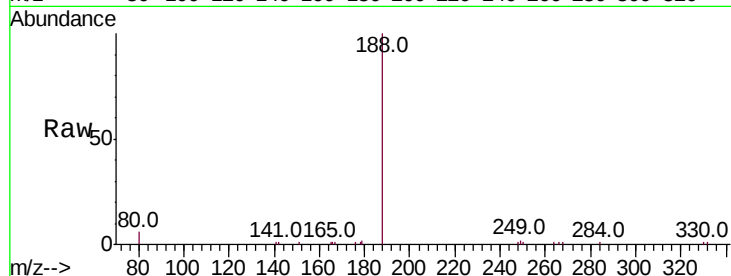
Tot Ion:188 Resp: 7346

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.6 4.5 6.7



#20

4-Bromophenyl-phenylether

Concen: 0.421 ng

RT: 16.14 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

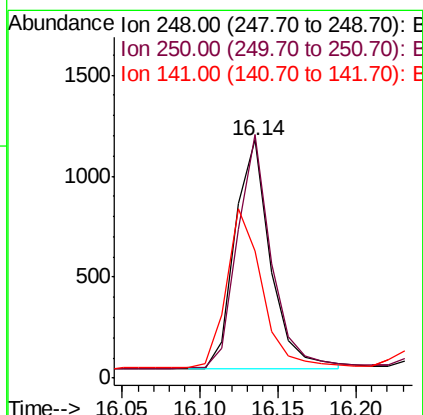
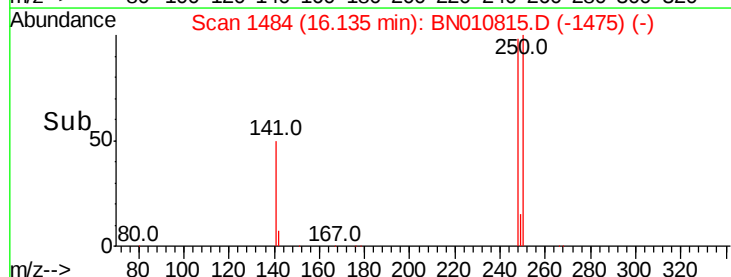
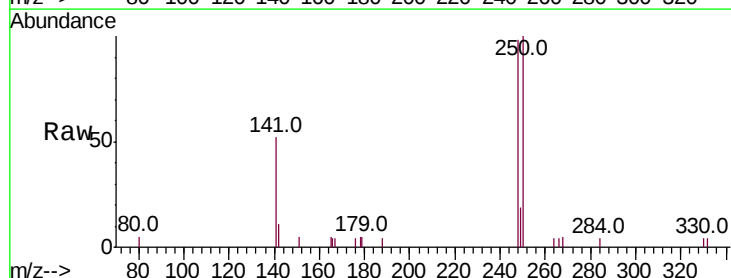
Tgt Ion:248 Resp: 1805

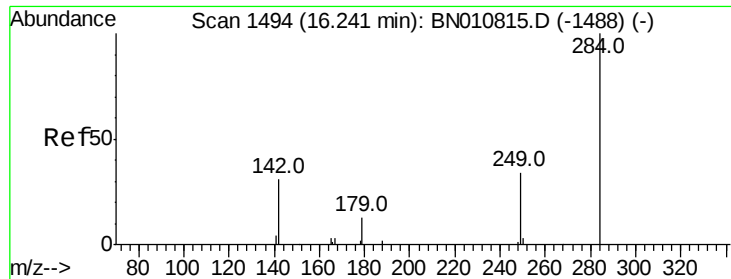
Ion Ratio Lower Upper

248 100

250 102.3 81.8 122.8

141 53.3 42.6 64.0

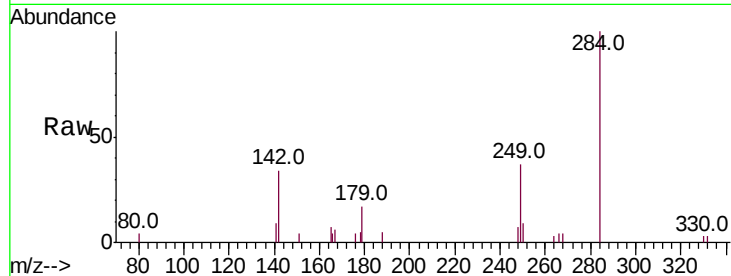




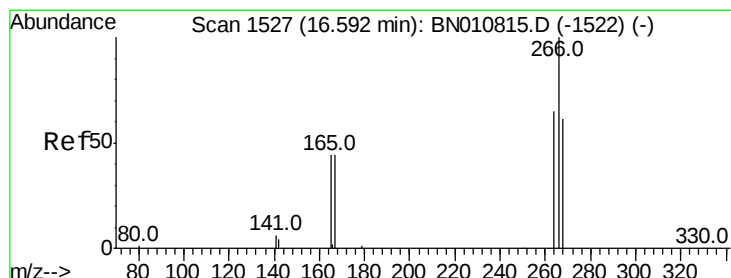
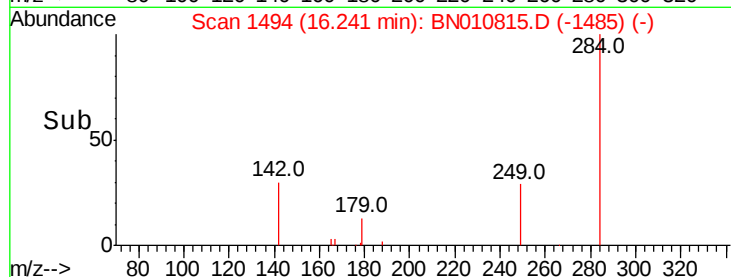
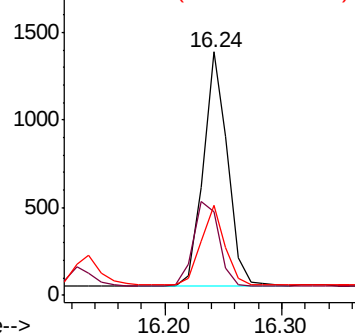
#21
Hexachlorobenzene
Concen: 0.428 ng
RT: 16.24 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:284 Resp: 1934
Ion Ratio Lower Upper
284 100
142 38.7 31.0 46.4
249 33.9 27.1 40.7

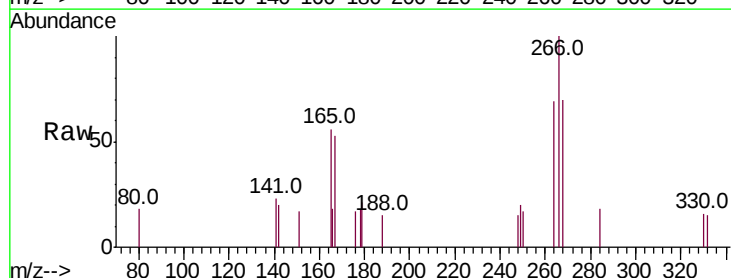


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

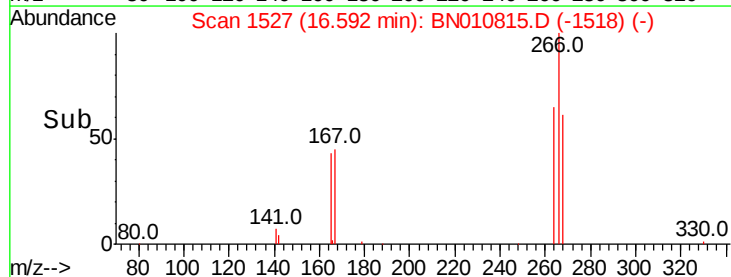
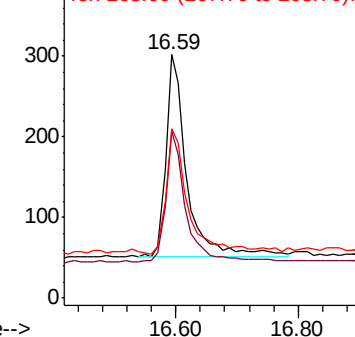


#22
Pentachlorophenol
Concen: 0.389 ng
RT: 16.59 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BN010815.D
Acq: 10 Jun 2020 12:50

Tgt Ion:266 Resp: 599
Ion Ratio Lower Upper
266 100
264 68.5 54.8 82.2
268 69.9 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: 0.414 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

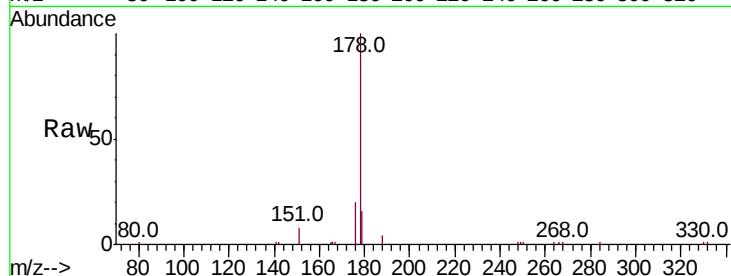
Tot Ion:178 Resp: 8224

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

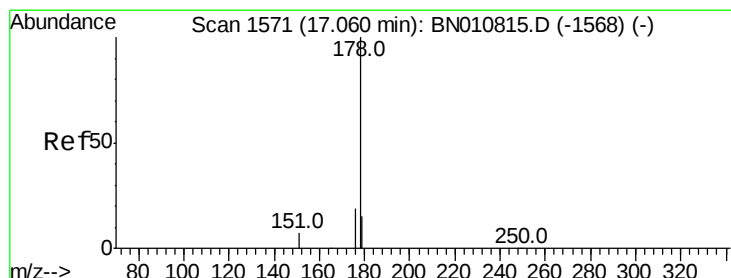
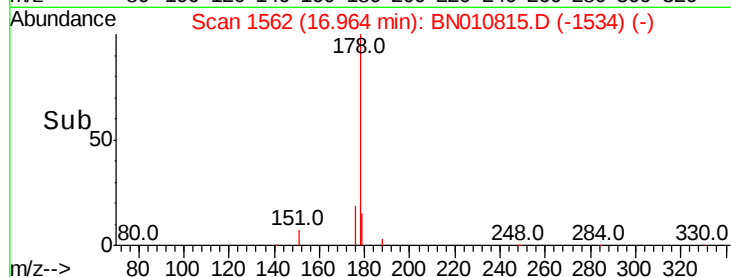
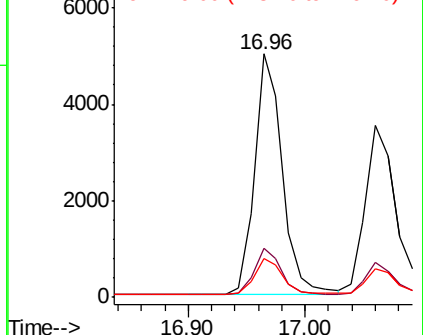
179 15.8 12.6 19.0



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: 17.06 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

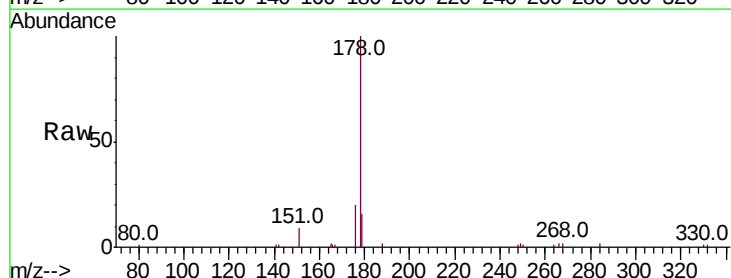
Tgt Ion:178 Resp: 6642

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

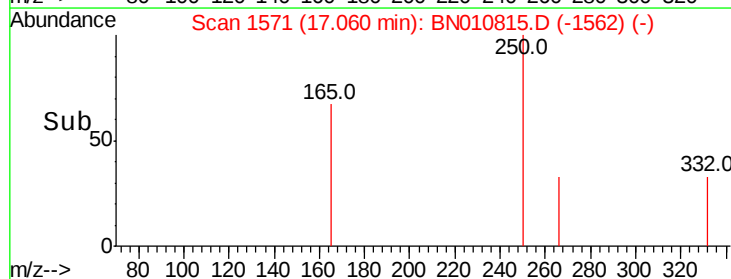
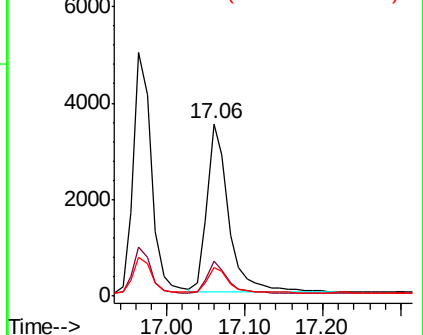
179 15.4 12.3 18.5

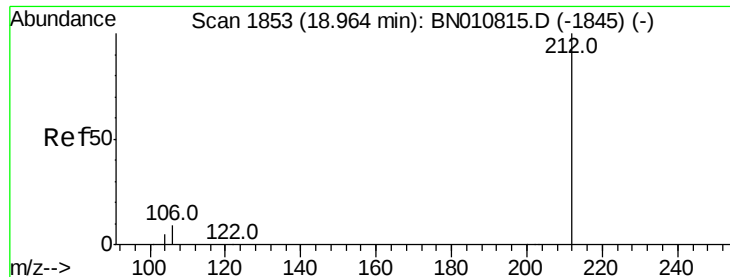


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.402 ng

RT: 18.96 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

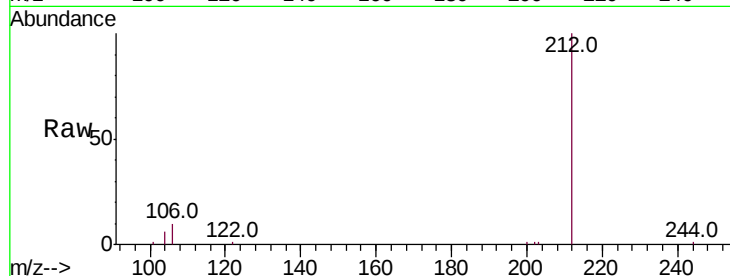
Tot Ion:212 Resp: 8190

Ion Ratio Lower Upper

212 100

106 8.3 6.6 10.0

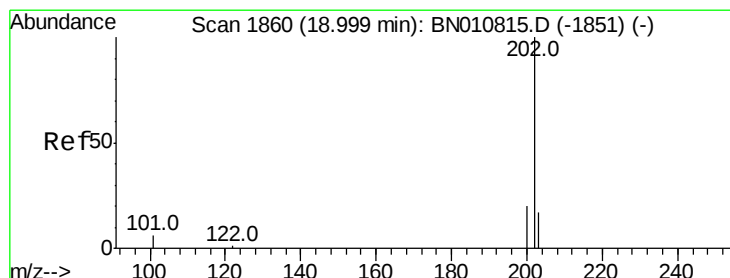
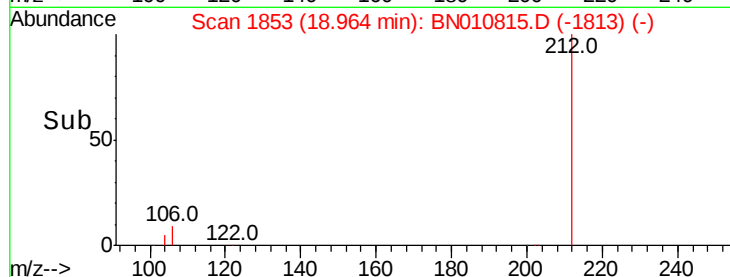
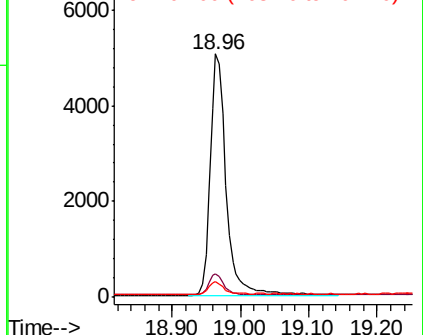
104 5.0 4.0 6.0



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: 0.396 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

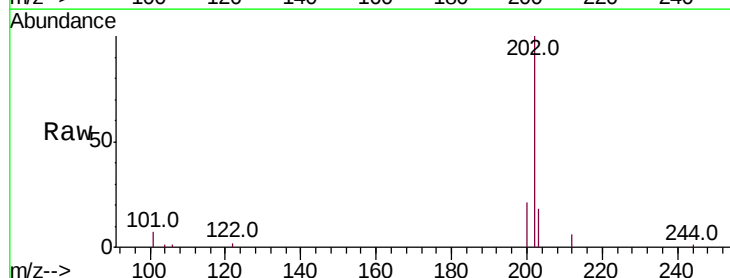
Tgt Ion:202 Resp: 9107

Ion Ratio Lower Upper

202 100

101 7.2 5.8 8.6

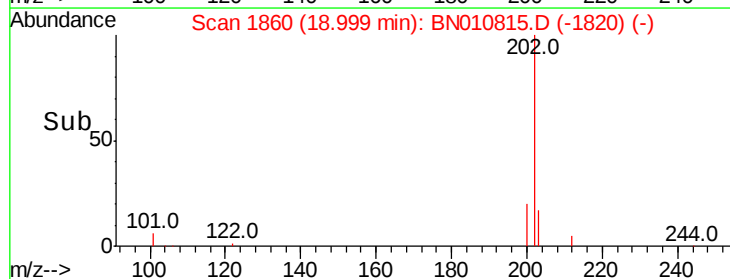
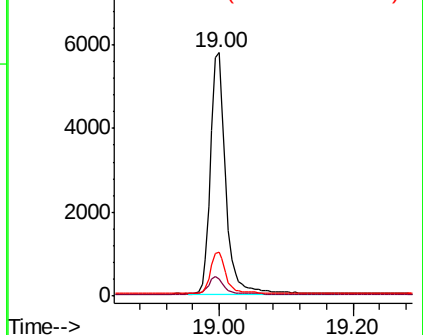
203 17.1 13.7 20.5



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: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

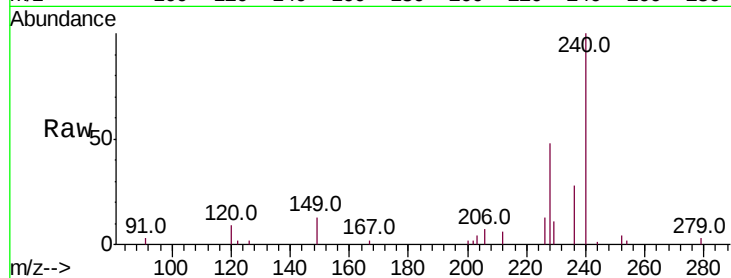
Tot Ion:240 Resp: 6549

Ion Ratio Lower Upper

240 100

120 9.4 7.5 11.3

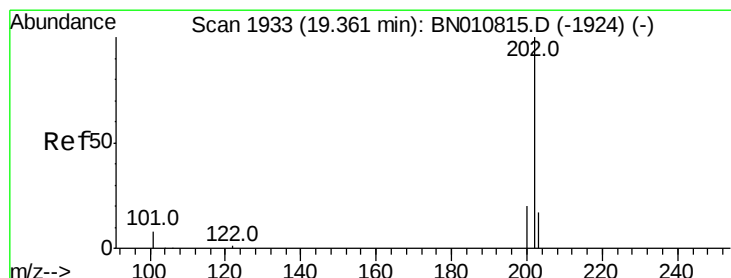
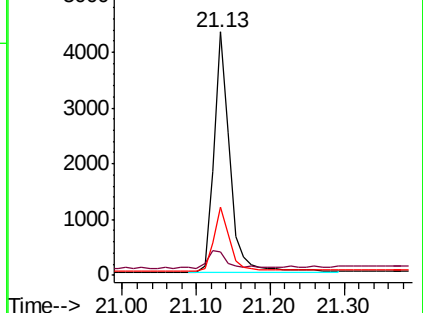
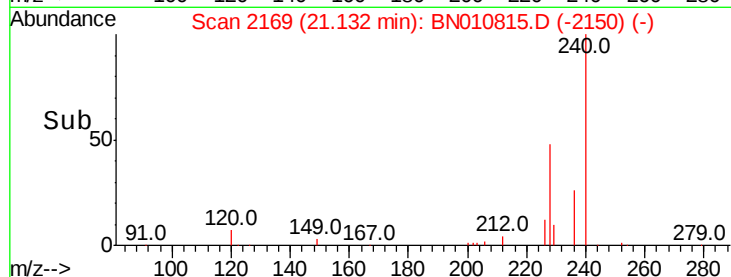
236 27.9 22.3 33.5



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: 0.434 ng

RT: 19.36 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

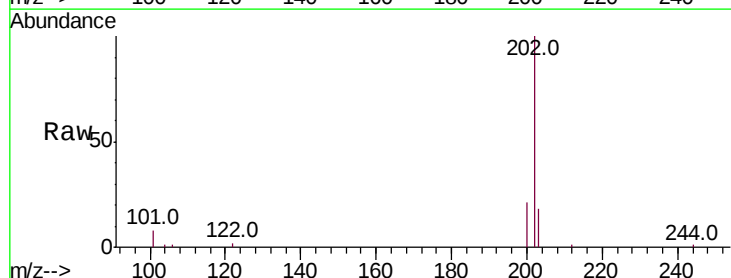
Tgt Ion:202 Resp: 9005

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

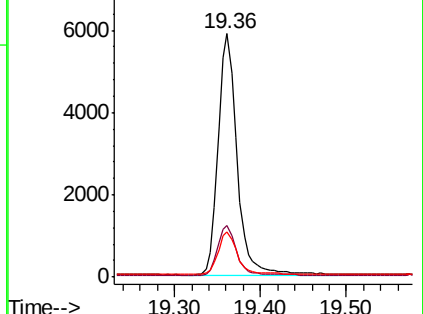
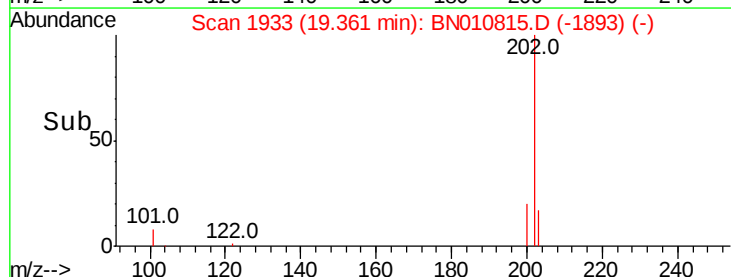
203 17.8 14.2 21.4

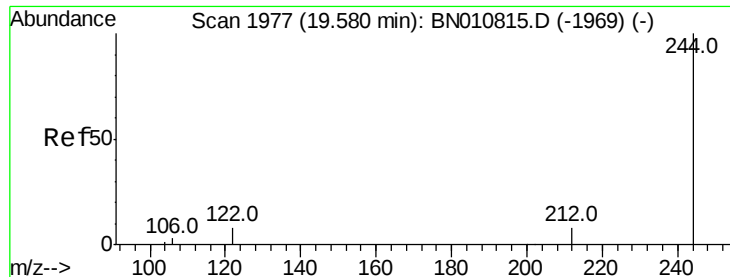


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.440 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

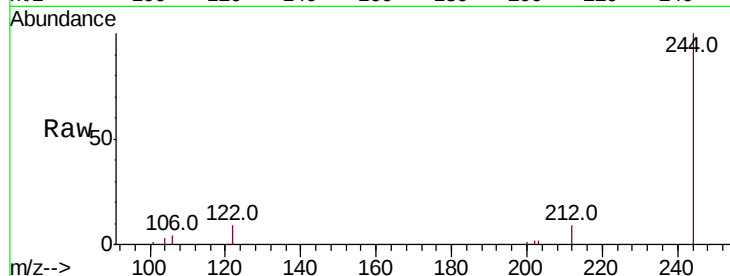
Tot Ion:244 Resp: 6420

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.2

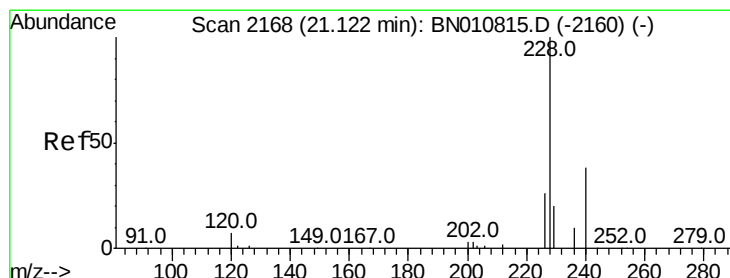
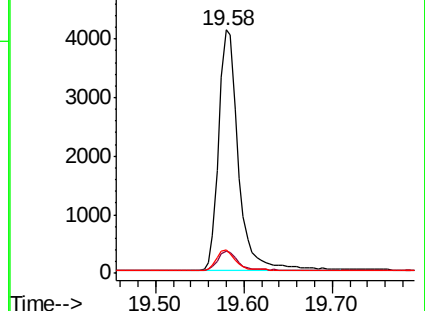
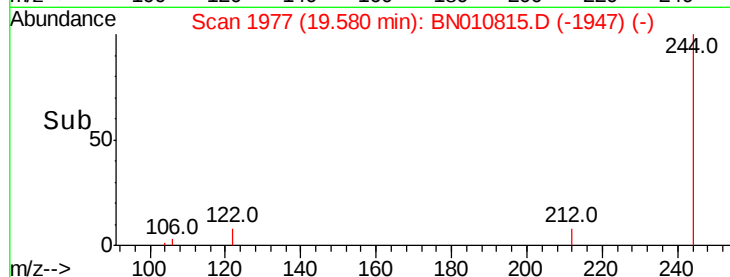
122 9.4 7.5 11.3



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: 0.397 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

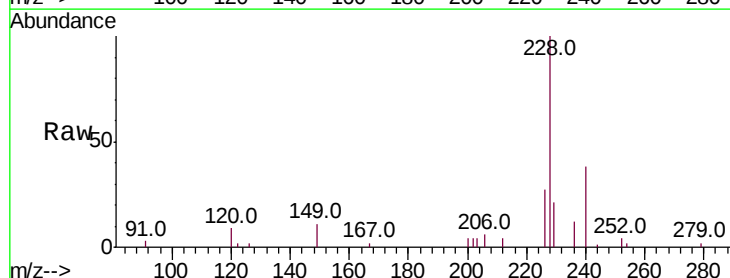
Tgt Ion:228 Resp: 7627

Ion Ratio Lower Upper

228 100

226 26.6 21.3 31.9

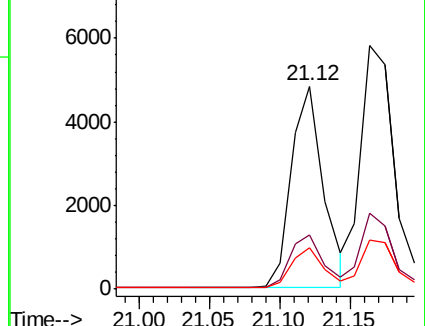
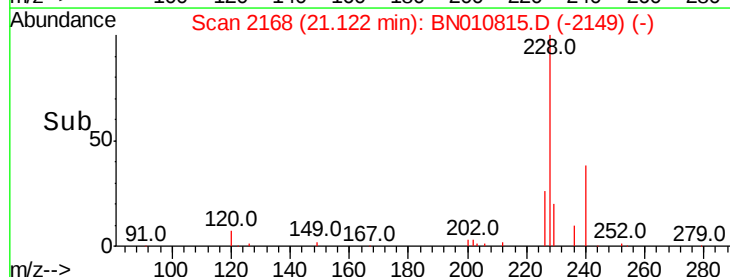
229 20.7 16.6 24.8



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: 0.445 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

Instrument :

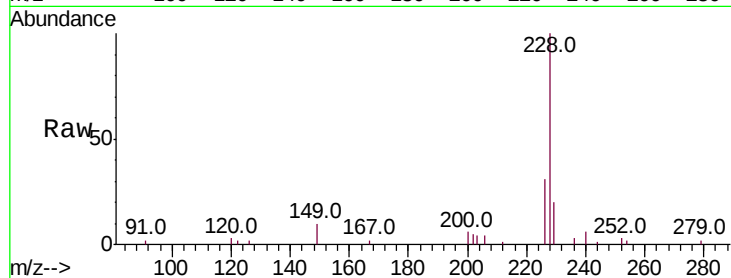
BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:228 Resp: 9712

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.1	16.1	24.1

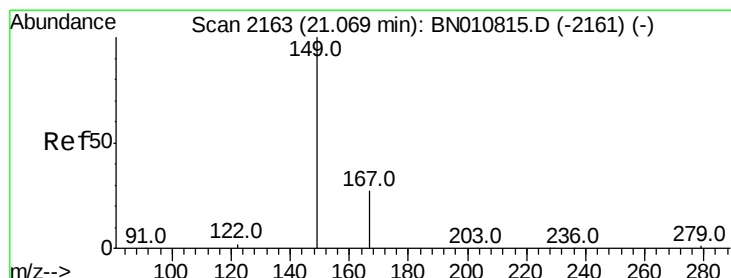
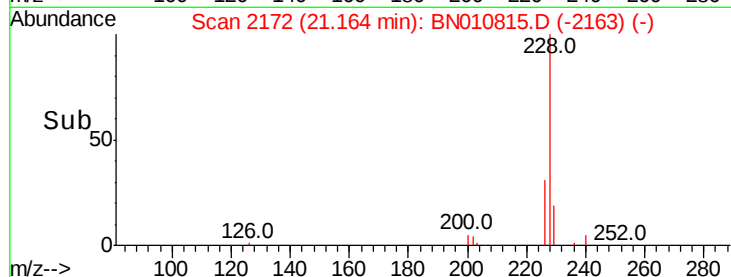
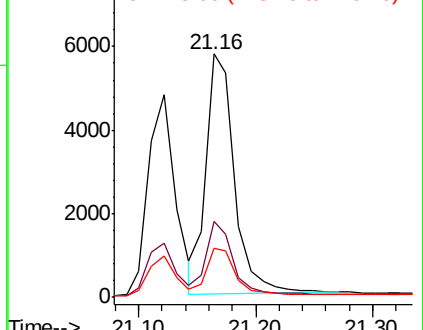


Abundance

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: 0.395 ng

RT: 21.07 min Scan# 2163

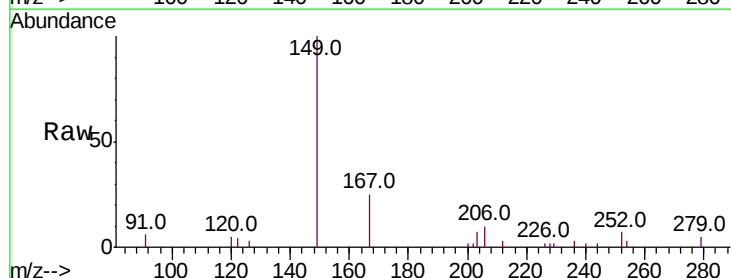
Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

Tgt Ion:149 Resp: 2510

Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.1	36.1
279	5.8	4.6	7.0

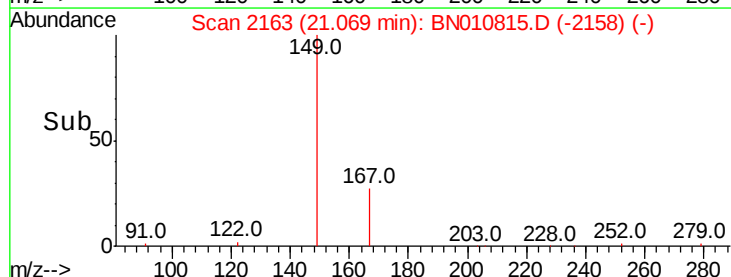
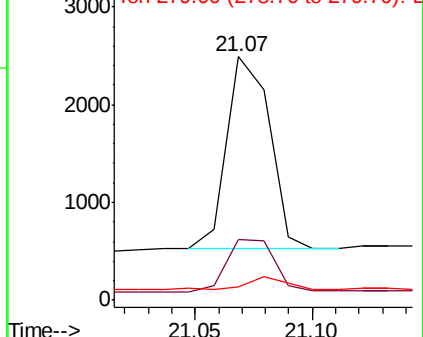


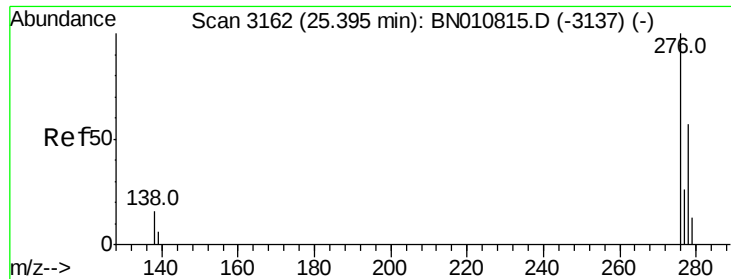
Abundance

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: 0.400 ng

RT: 25.39 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

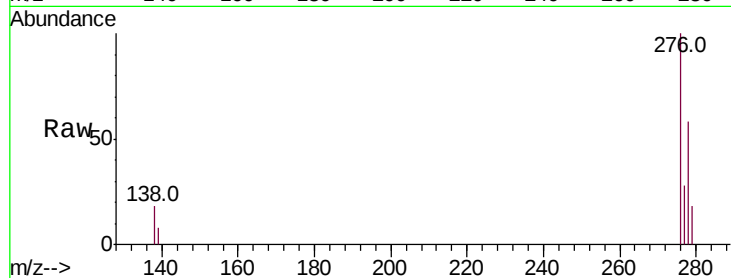
Tot Ion:276 Resp: 10487

Ion Ratio Lower Upper

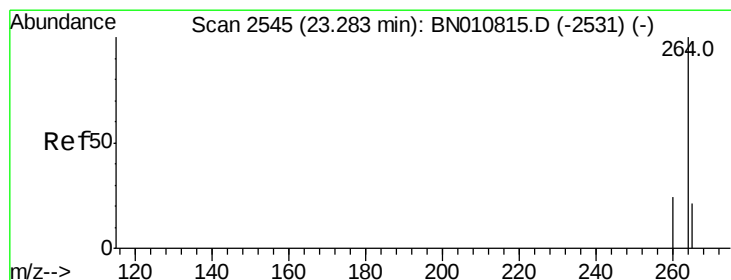
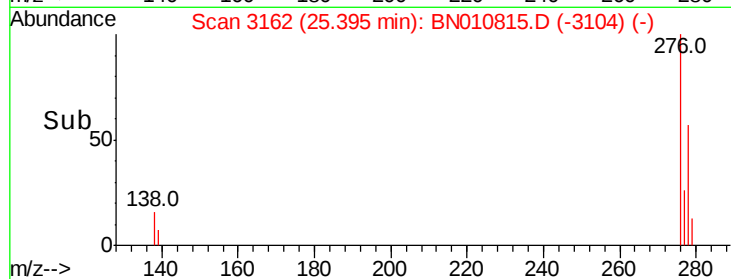
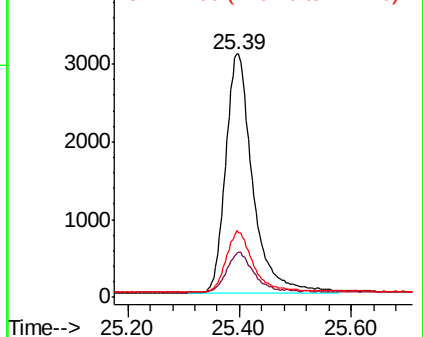
276 100

138 16.3 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: 23.28 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

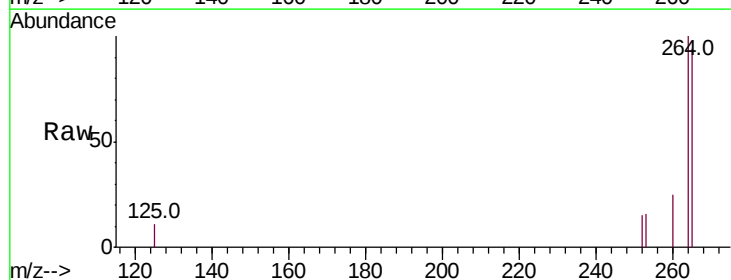
Tgt Ion:264 Resp: 6282

Ion Ratio Lower Upper

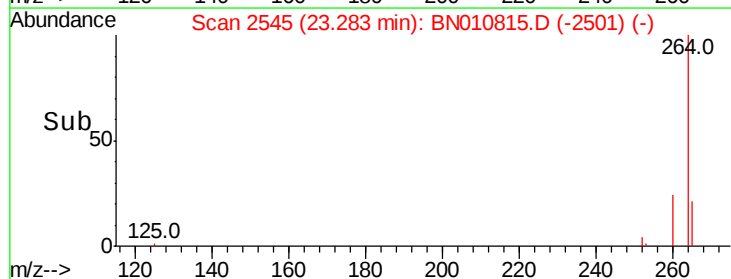
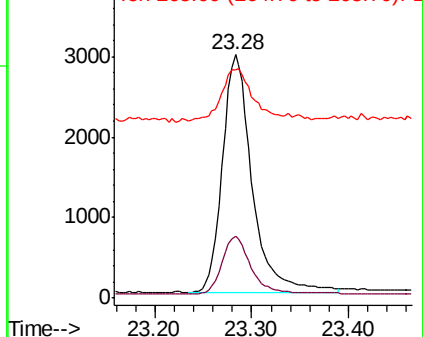
264 100

260 25.5 20.4 30.6

265 93.7 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: 0.432 ng

RT: 22.65 min Scan# 2359

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

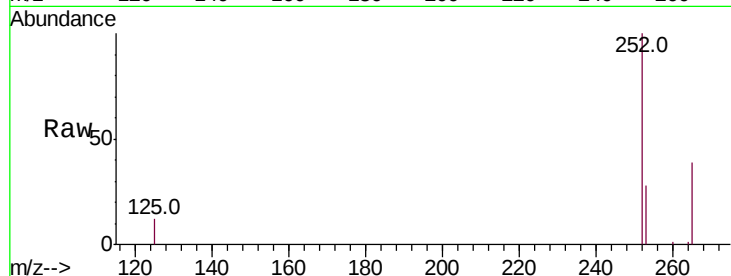
Tot Ion:252 Resp: 8842

Ion Ratio Lower Upper

252 100

253 28.0 22.4 33.6

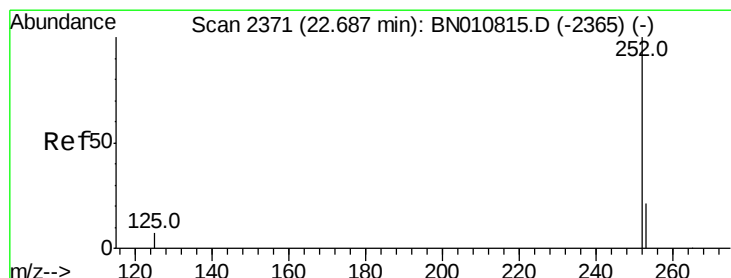
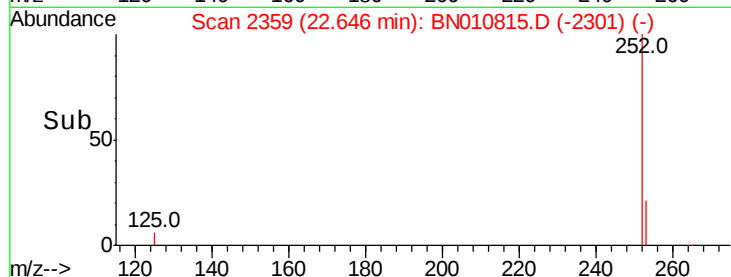
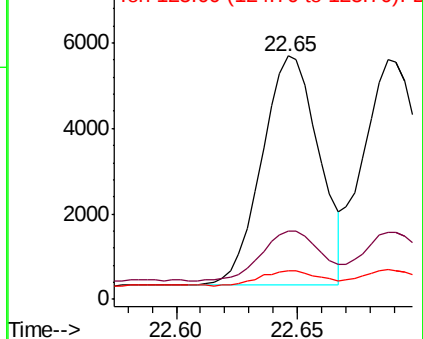
125 11.7 9.4 14.0



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: 0.425 ng

RT: 22.69 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

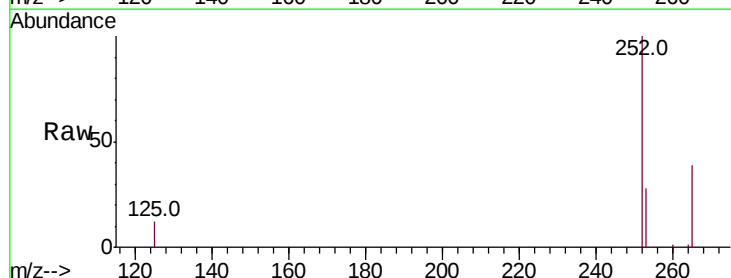
Tgt Ion:252 Resp: 9576

Ion Ratio Lower Upper

252 100

253 27.8 22.2 33.4

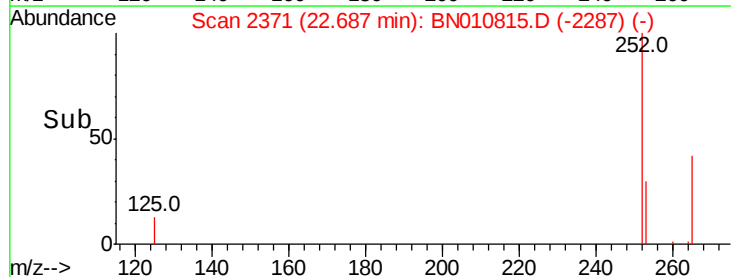
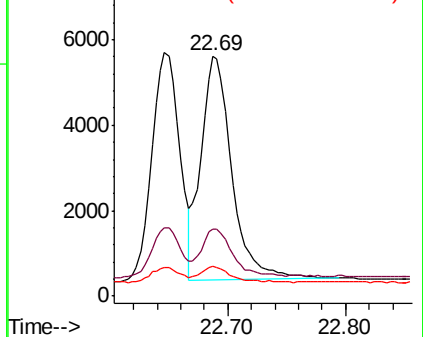
125 12.3 9.8 14.8



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: 0.403 ng

RT: 23.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

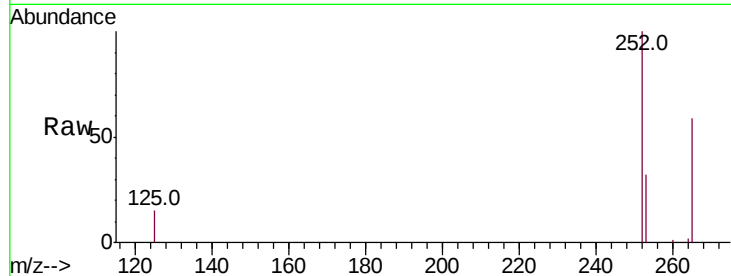
Tot Ion:252 Resp: 7357

Ion Ratio Lower Upper

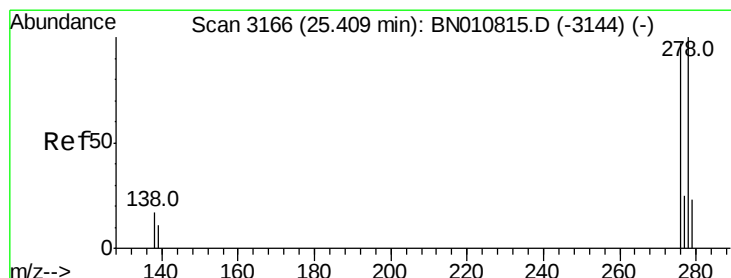
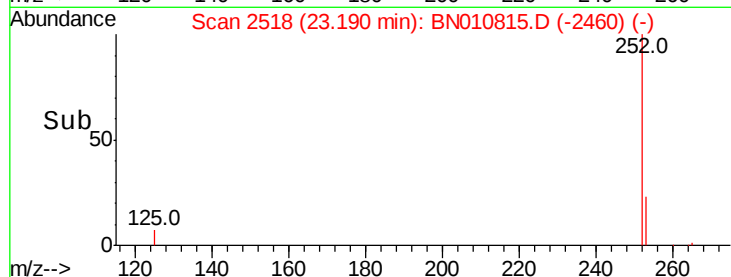
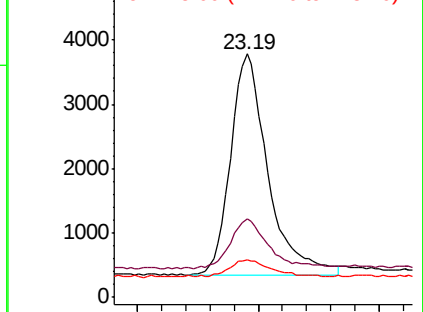
252 100

253 32.3 25.8 38.8

125 15.5 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: 0.413 ng

RT: 25.41 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

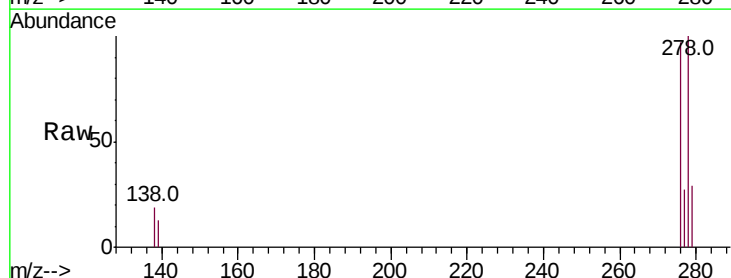
Tgt Ion:278 Resp: 8504

Ion Ratio Lower Upper

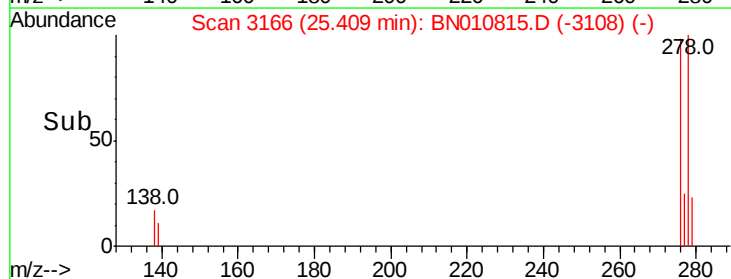
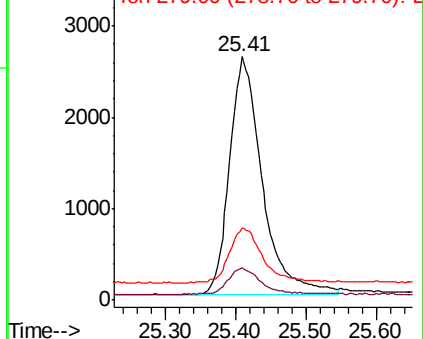
278 100

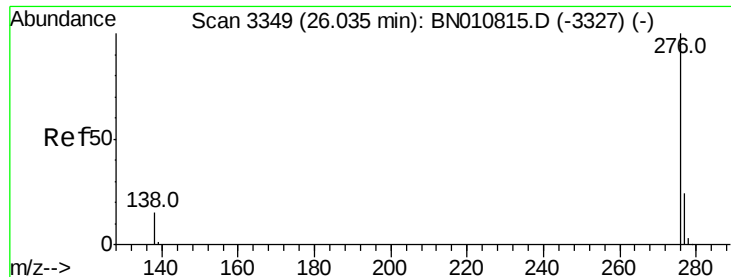
139 13.2 10.6 15.8

279 29.5 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: 0.437 ng

RT: 26.03 min Scan# 3349

Delta R.T. 0.00 min

Lab File: BN010815.D

Acq: 10 Jun 2020 12:50

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

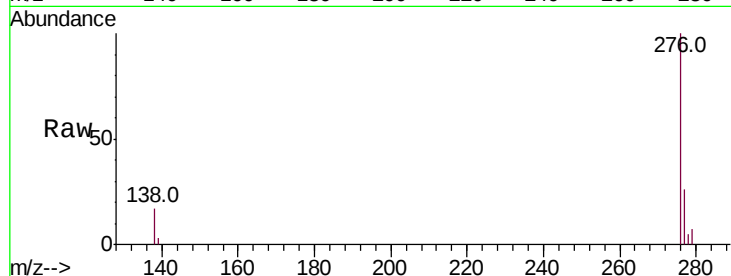
Tot Ion:276 Resp: 9292

Ion Ratio Lower Upper

276 100

277 25.6 20.5 30.7

138 17.1 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

