

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051320\
 Data File : BN010704.D
 Acq On : 13 May 2020 11:57
 Operator : CG/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Quant Time: May 13 13:26:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 13:23:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3353	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	12757	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	7810	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	16347	0.40	ng	0.00
27) Chrysene-d12	21.15	240	13729	0.40	ng	0.00
34) Perylene-d12	23.32	264	12813	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	4968	0.68	ng	0.00
5) Phenol-d6	6.77	99	6051	0.63	ng	0.00
8) Nitrobenzene-d5	8.71	82	6843	0.77	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	16020	0.76	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	2083	0.57	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	22672	0.80	ng	0.00
25) Fluoranthene-d10	18.99	212	33111	0.67	ng	0.00
29) Terphenyl-d14	19.60	244	24867	0.79	ng	0.00

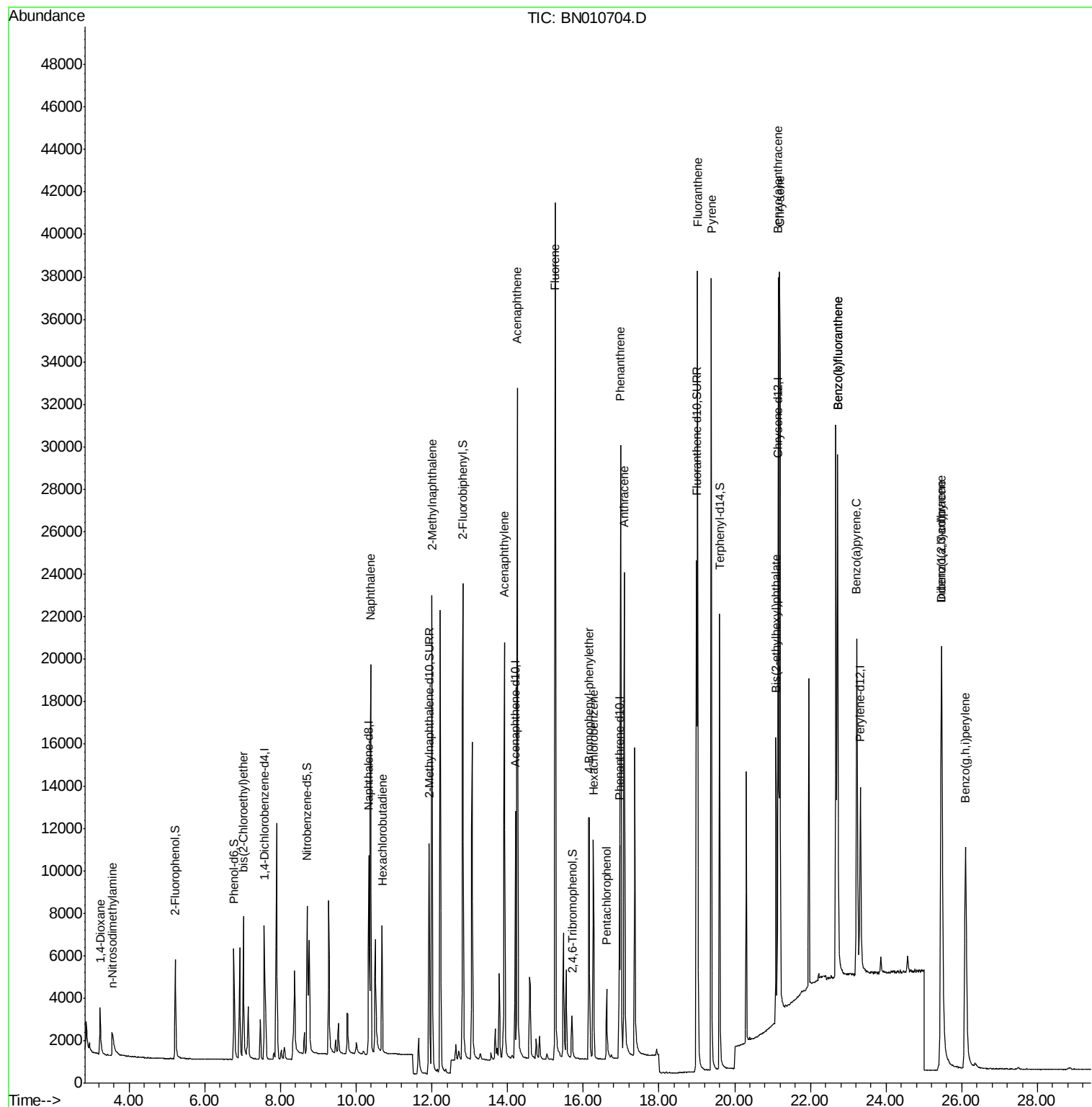
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	2274	0.921	ng	99
3) n-Nitrosodimethylamine	3.55	42	1246	0.779	ng	# 97
6) bis(2-Chloroethyl)ether	7.02	93	6213	0.747	ng	95
9) Naphthalene	10.38	128	24613	0.777	ng	98
10) Hexachlorobutadiene	10.68	225	5661	0.741	ng	# 100
12) 2-Methylnaphthalene	12.00	142	17427	0.766	ng	98
16) Acenaphthylene	13.91	152	24016	0.712	ng	100
17) Acenaphthene	14.26	154	16462	0.759	ng	99
18) Fluorene	15.25	166	21410	0.754	ng	100
20) 4-Bromophenyl-phenylether	16.16	248	6895	0.759	ng	# 89
21) Hexachlorobenzene	16.26	284	8286	0.799	ng	100
22) Pentachlorophenol	16.61	266	2337	0.573	ng	99
23) Phenanthrene	16.99	178	33482	0.758	ng	100
24) Anthracene	17.08	178	27752	0.688	ng	99
26) Fluoranthene	19.02	202	37797	0.688	ng	99
28) Pyrene	19.38	202	36605	0.792	ng	100
30) Benzo(a)anthracene	21.14	228	29709	0.663	ng	99
31) Chrysene	21.19	228	34621	0.776	ng	98
32) Bis(2-ethylhexyl)phthalate	21.09	149	12499	0.544	ng	99
33) Indeno(1,2,3-cd)pyrene	25.46	276	31166	0.790	ng	99
35) Benzo(b)fluoranthene	22.72	252	34635	0.821	ng	93
36) Benzo(k)fluoranthene	22.72	252	34635	0.819	ng	# 93
37) Benzo(a)pyrene	23.22	252	27802	0.745	ng	# 88
38) Dibenzo(a,h)anthracene	25.47	278	23963	0.702	ng	93
39) Benzo(g,h,i)perylene	26.10	276	27183	0.791	ng	98

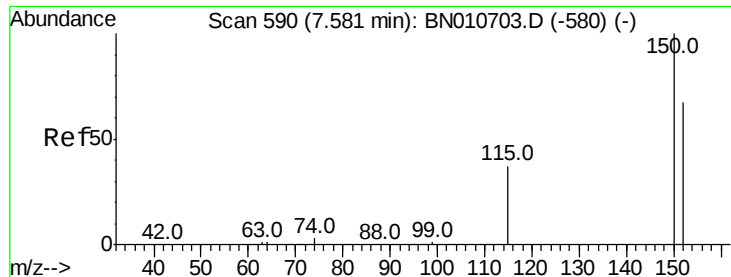
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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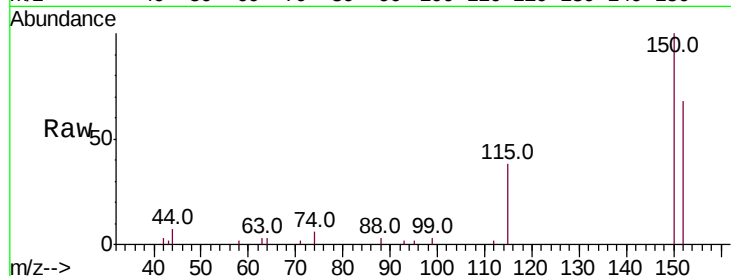


#1

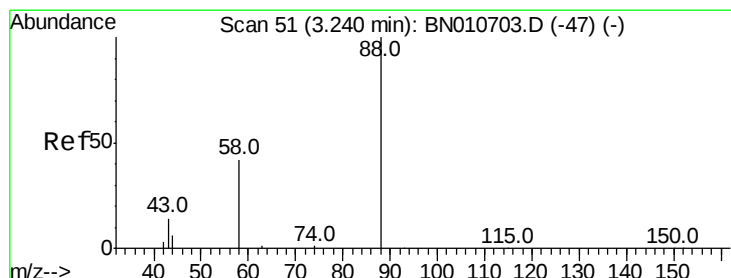
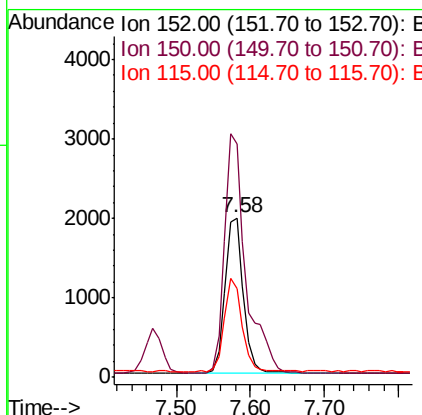
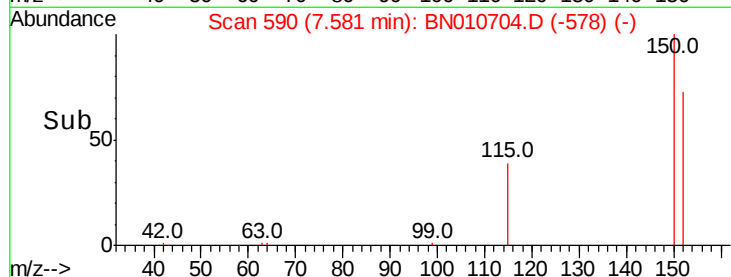
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.58 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

Tot Ion:152 Resp: 3353
Ion Ratio Lower Upper
152 100
150 146.6 119.4 179.0
115 55.8 45.9 68.9



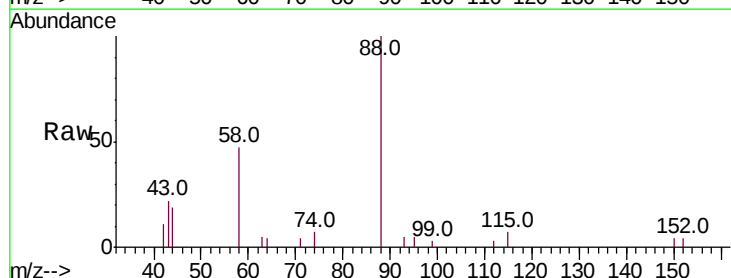
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



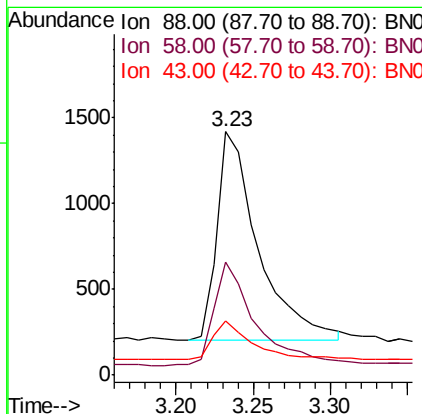
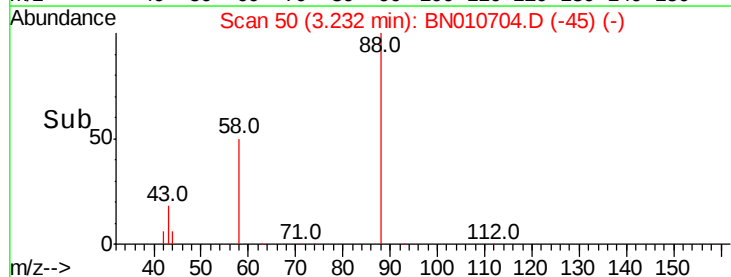
#2

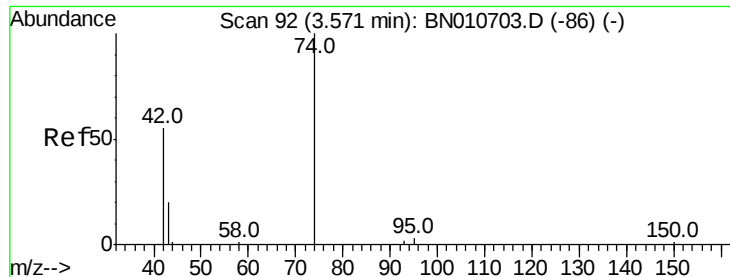
1,4-Dioxane
Concen: 0.921 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion: 88 Resp: 2274
Ion Ratio Lower Upper
88 100
58 47.8 39.0 58.6
43 16.5 13.1 19.7



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: 0.779 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.02 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

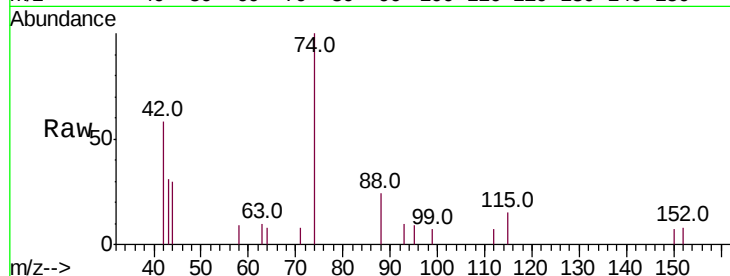
Tot Ion: 42 Resp: 1246

Ion Ratio Lower Upper

42 100

74 186.6 146.2 219.2

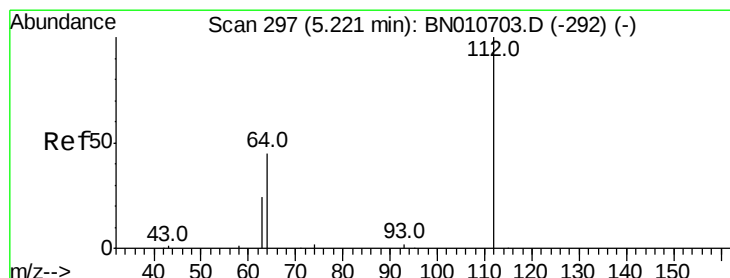
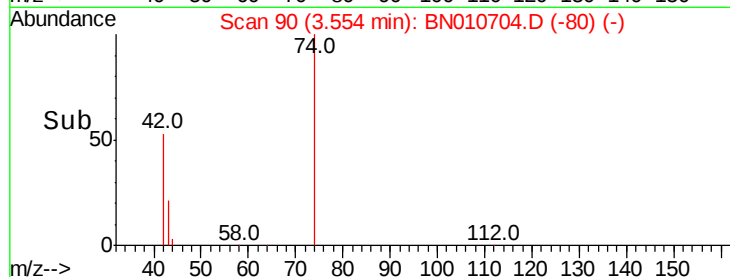
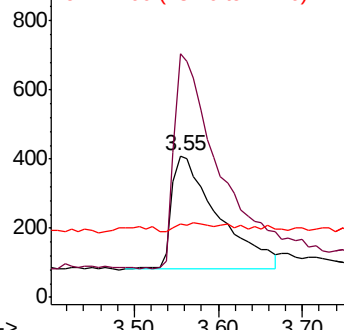
44 5.7 3.0 4.4#



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: 0.677 ng

RT: 5.22 min Scan# 297

Delta R.T. 0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

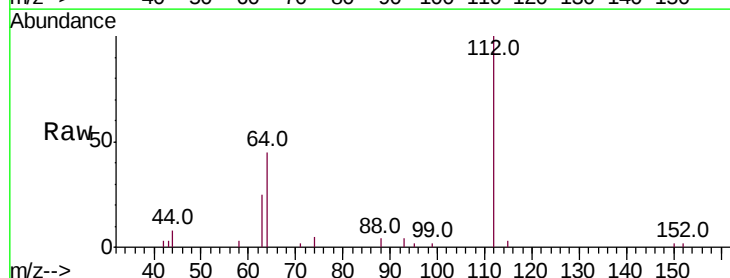
Tgt Ion: 112 Resp: 4968

Ion Ratio Lower Upper

112 100

64 46.2 36.2 54.4

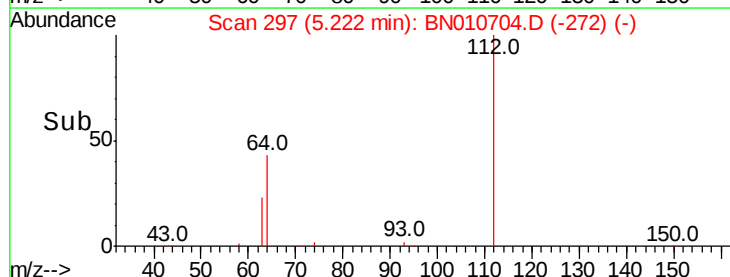
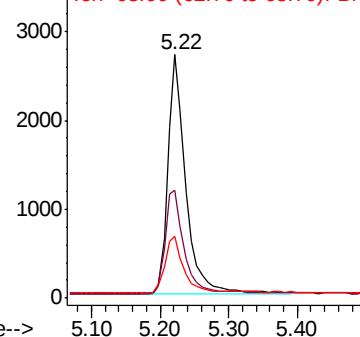
63 24.1 19.8 29.8

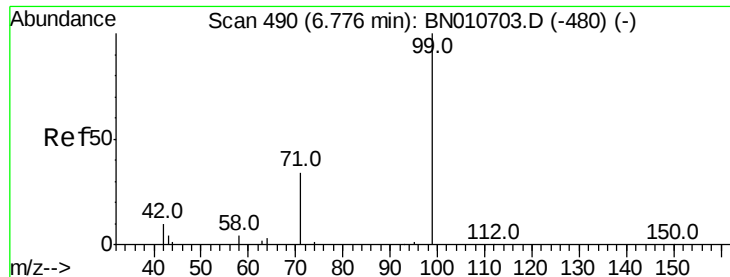


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.631 ng

RT: 6.77 min Scan# 489

Delta R.T. -0.01 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

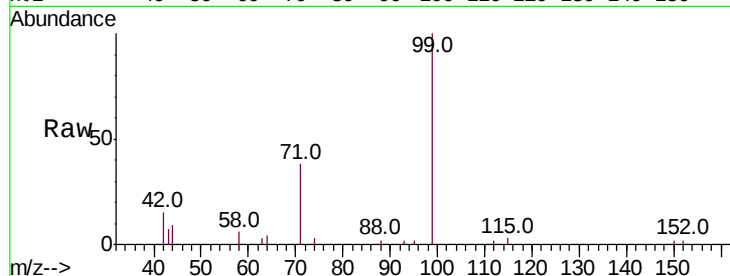
Tot Ion: 99 Resp: 6051

Ion Ratio Lower Upper

99 100

42 13.4 9.8 14.8

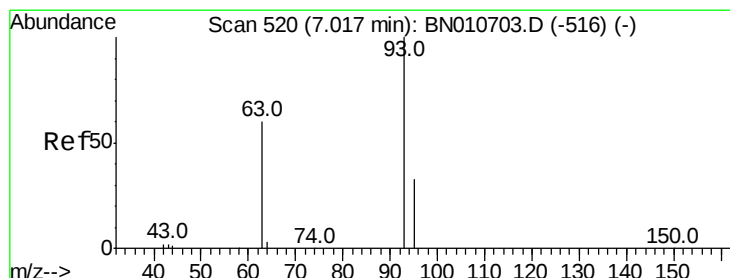
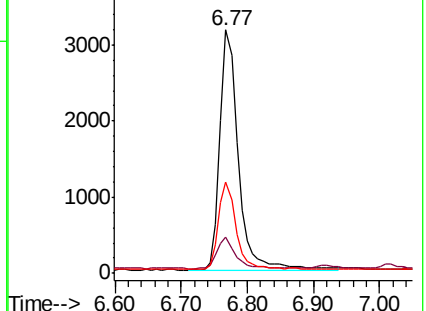
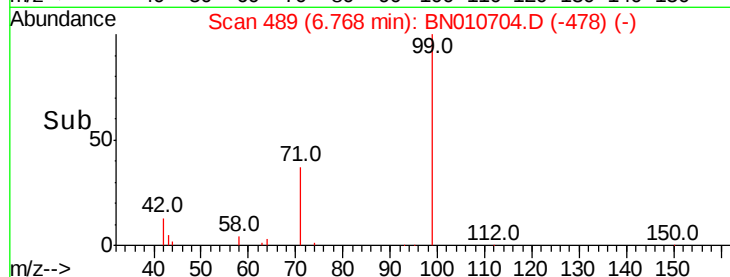
71 35.0 28.6 42.8



Abundance Ion 99.00 (98.70 to 99.70): BN010703.D (-480) (-)

Ion 42.00 (41.70 to 42.70): BN010703.D (-480) (-)

Ion 71.00 (70.70 to 71.70): BN010703.D (-480) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.747 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

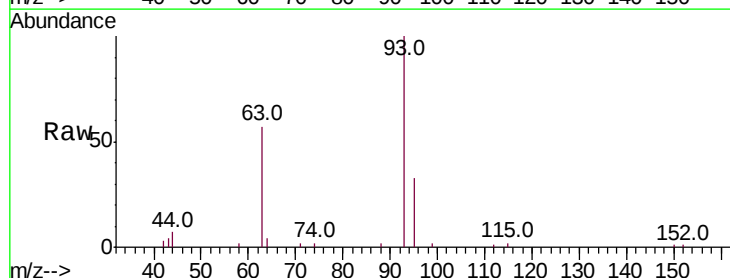
Tgt Ion: 93 Resp: 6213

Ion Ratio Lower Upper

93 100

63 58.0 43.1 64.7

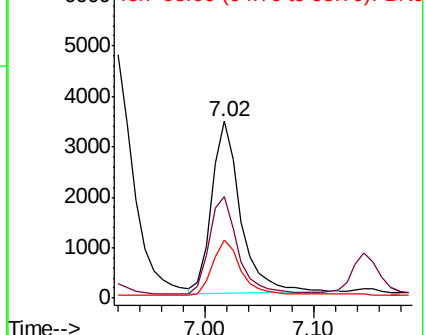
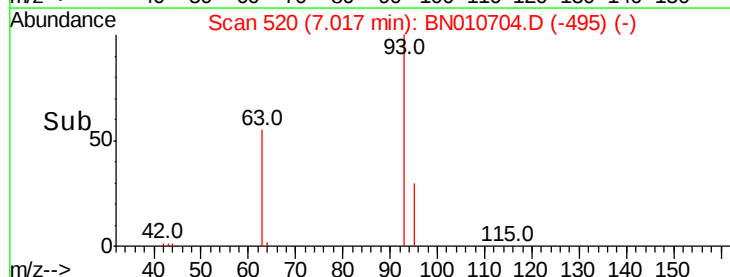
95 32.7 24.6 37.0

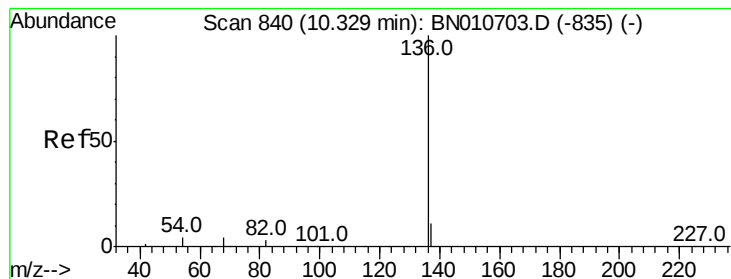


Abundance Ion 93.00 (92.70 to 93.70): BN010703.D (-516) (-)

Ion 63.00 (62.70 to 63.70): BN010703.D (-516) (-)

Ion 95.00 (94.70 to 95.70): BN010703.D (-516) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 12757

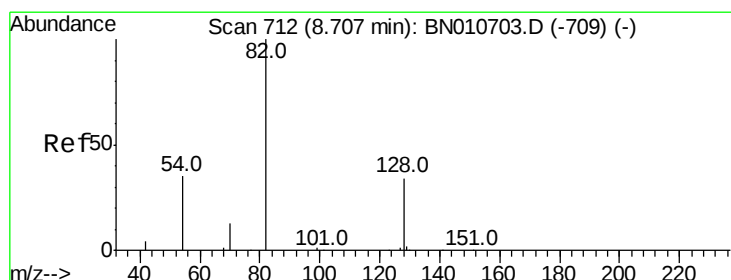
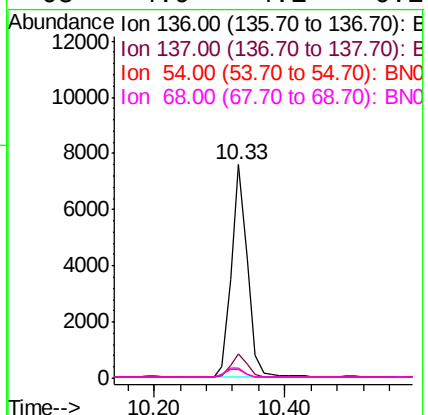
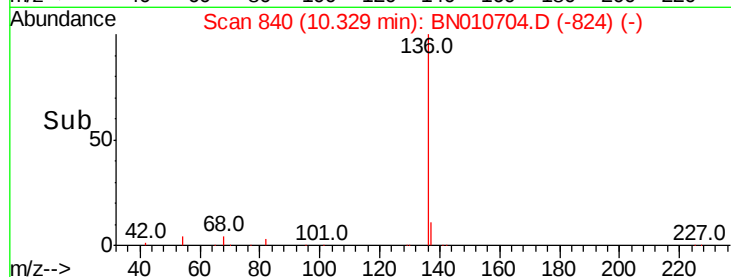
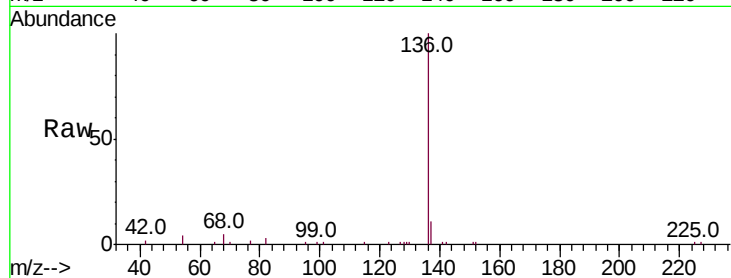
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 4.2 3.6 5.4

68 4.9 4.1 6.1



#8

Nitrobenzene-d5

Concen: 0.767 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

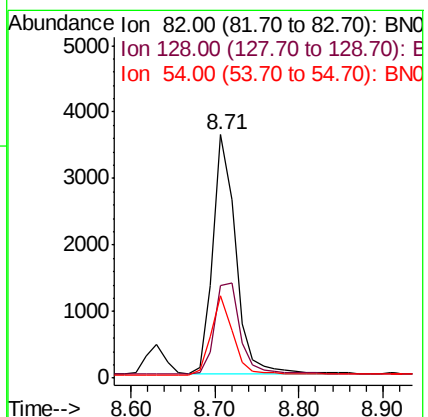
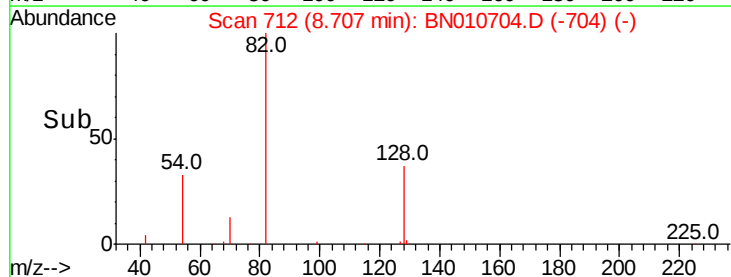
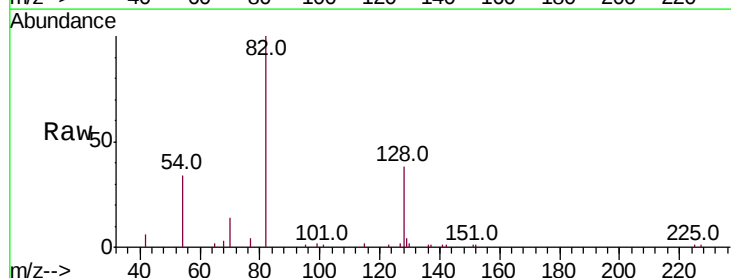
Tgt Ion: 82 Resp: 6843

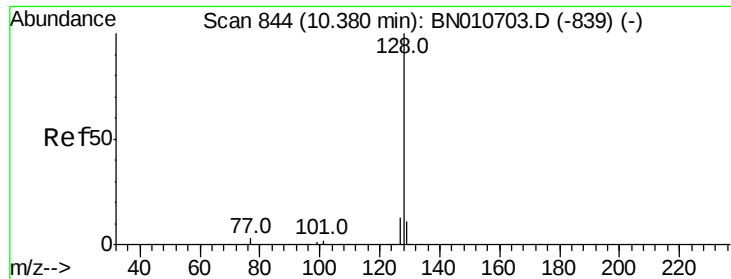
Ion Ratio Lower Upper

82 100

128 37.9 29.0 43.4

54 34.0 29.3 43.9





#9

Naphthalene

Concen: 0.777 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

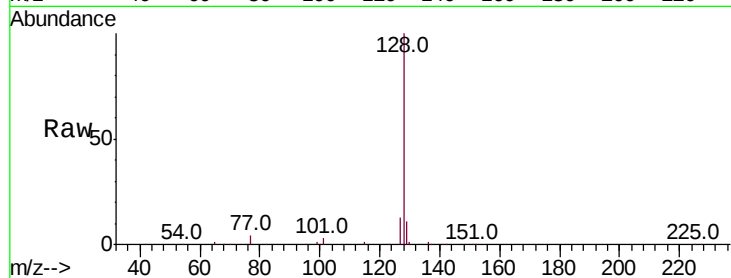
Tot Ion:128 Resp: 24613

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

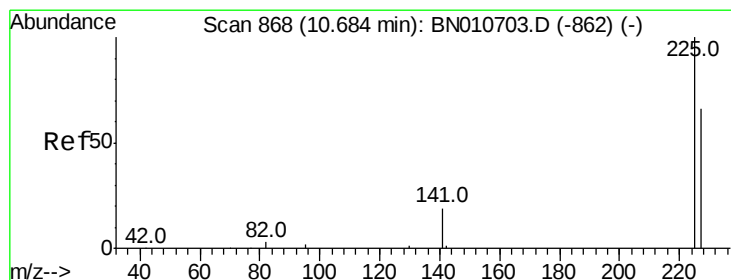
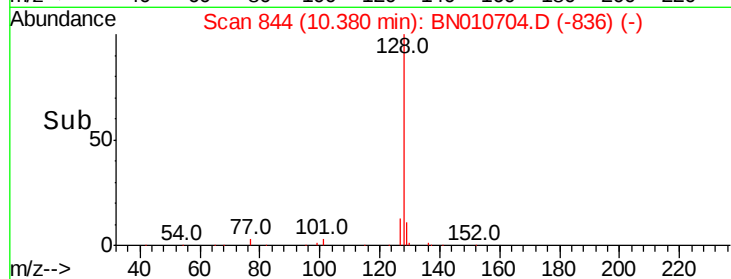
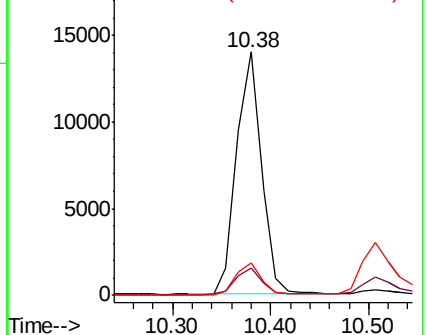
127 13.1 11.0 16.6



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: 0.741 ng

RT: 10.68 min Scan# 868

Delta R.T. 0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

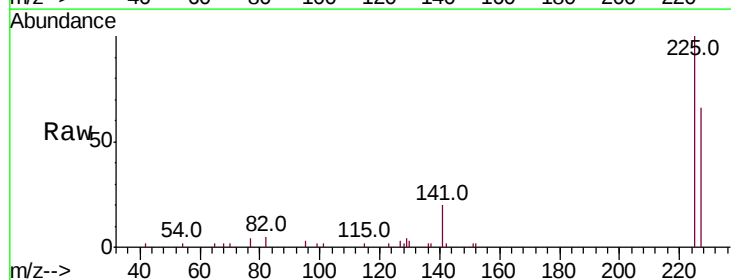
Tgt Ion:225 Resp: 5661

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

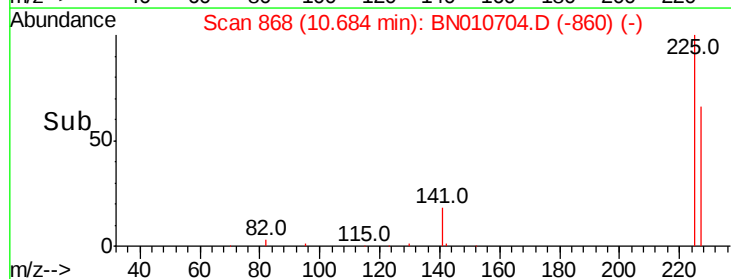
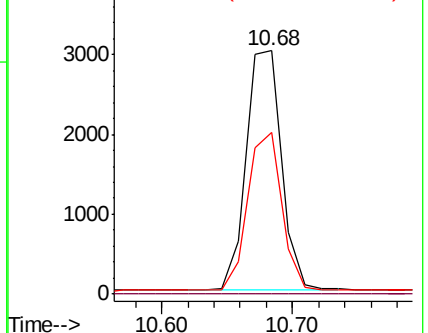
227 63.3 50.7 76.1

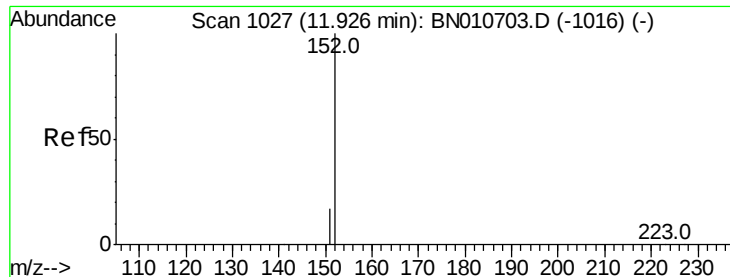


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

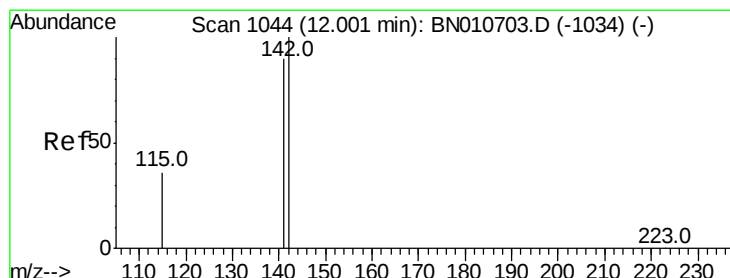
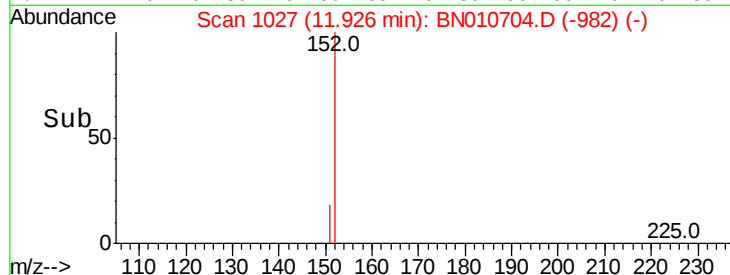
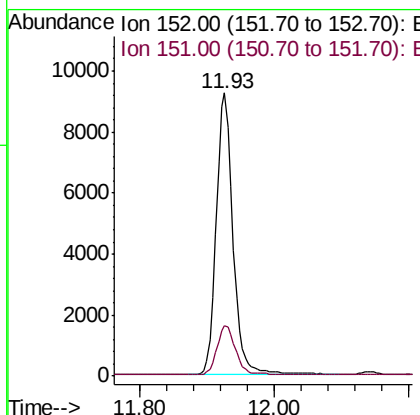
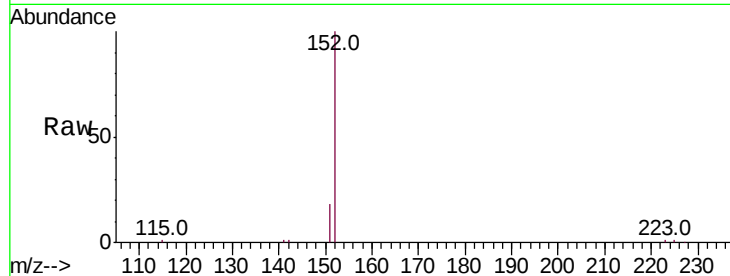




#11
2-Methylnaphthalene-d10
Concen: 0.764 ng
RT: 11.93 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

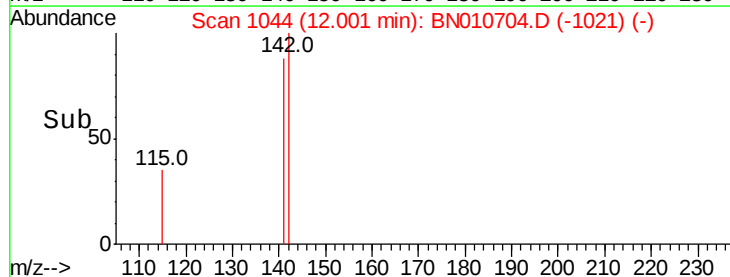
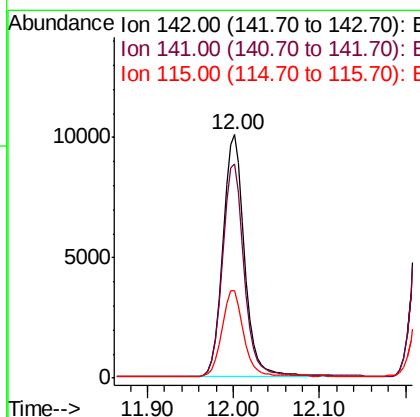
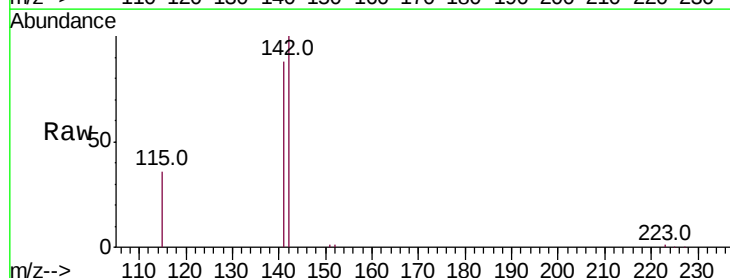
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

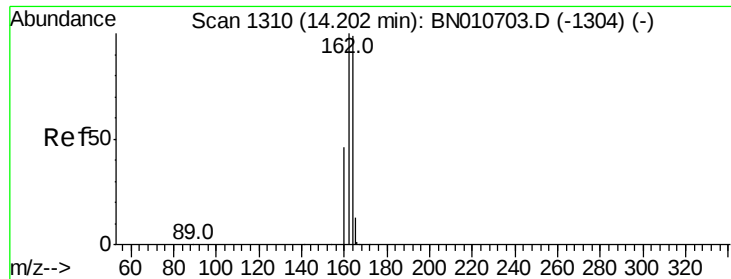
Tot Ion:152 Resp: 16020
Ion Ratio Lower Upper
152 100
151 19.1 15.0 22.6



#12
2-Methylnaphthalene
Concen: 0.766 ng
RT: 12.00 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:142 Resp: 17427
Ion Ratio Lower Upper
142 100
141 87.9 71.7 107.5
115 35.8 29.8 44.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

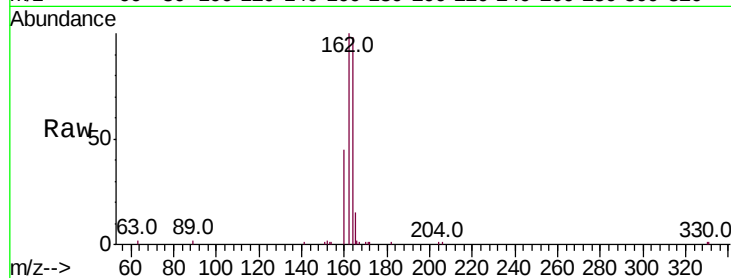
Tot Ion:164 Resp: 7810

Ion Ratio Lower Upper

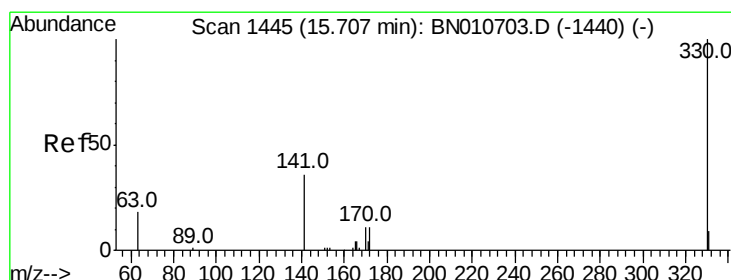
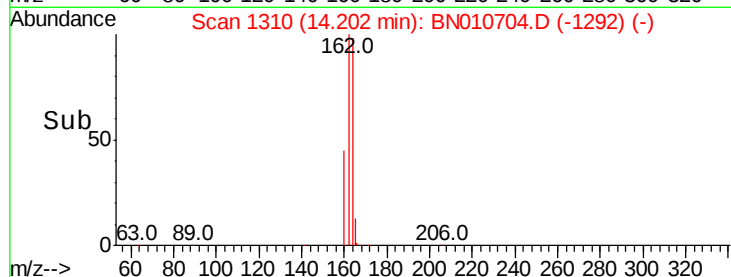
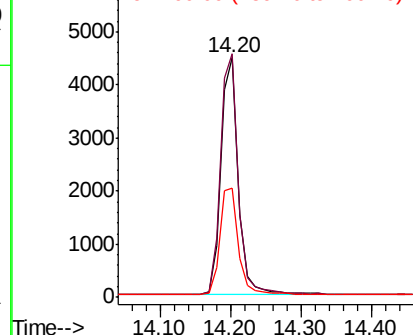
164 100

162 101.7 81.1 121.7

160 45.9 37.9 56.9



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: 0.566 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

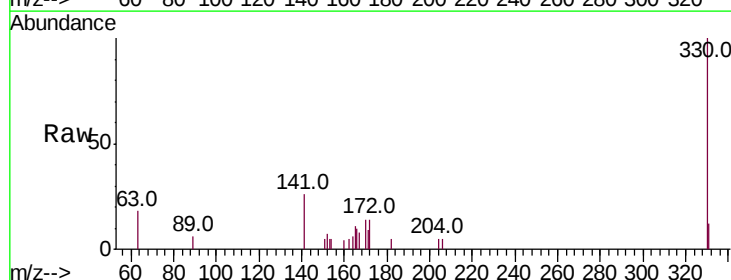
Tgt Ion:330 Resp: 2083

Ion Ratio Lower Upper

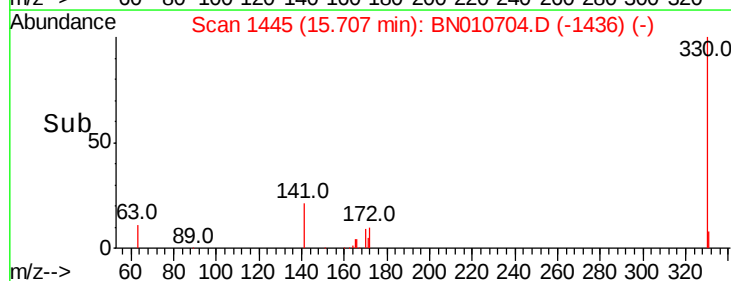
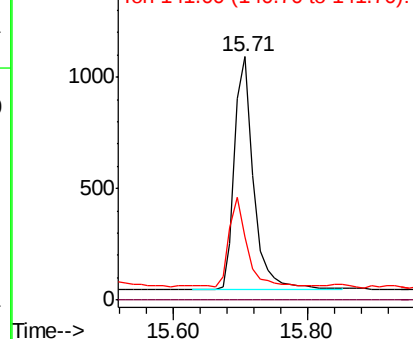
330 100

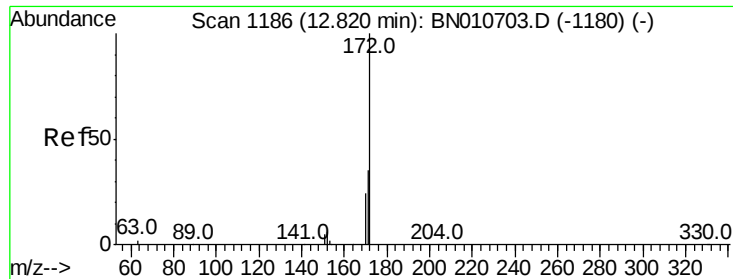
332 0.0 0.0 0.0

141 34.9 28.8 43.2



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

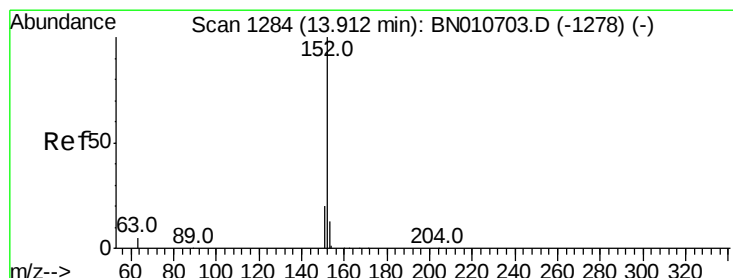
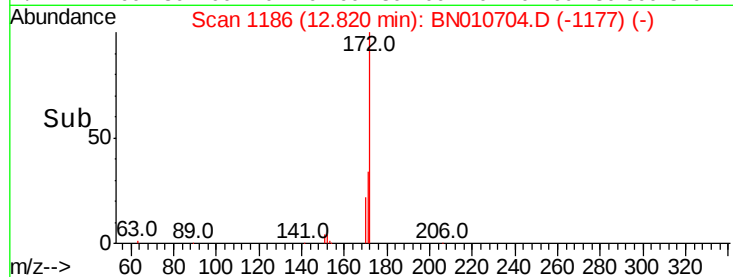
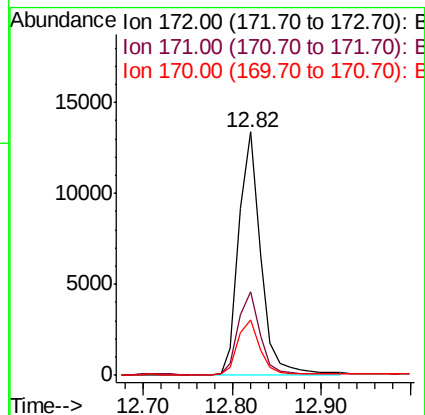
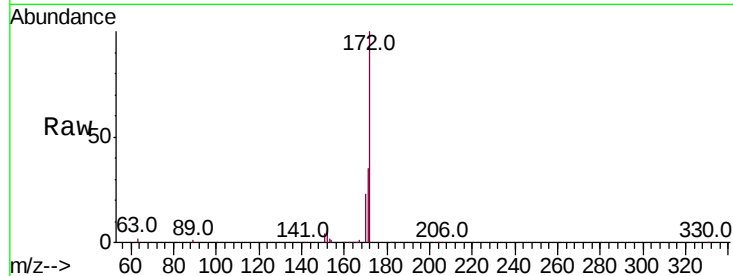




#15
2-Fluorobiphenyl
Concen: 0.798 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

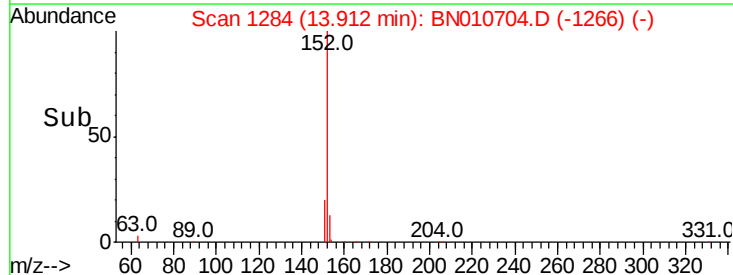
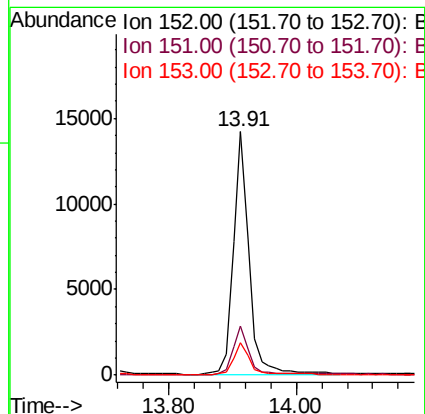
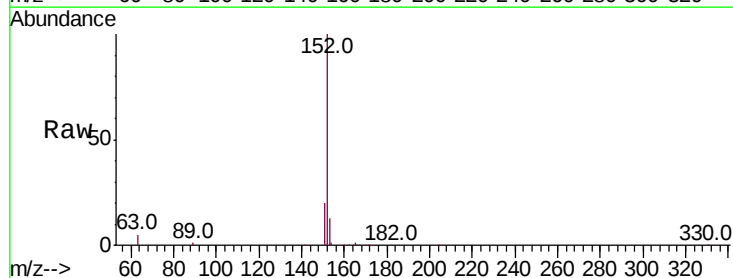
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

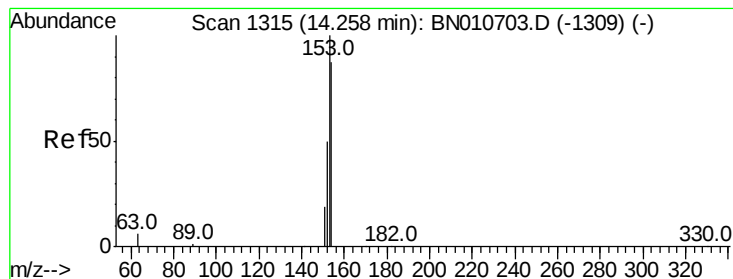
Tot Ion:172 Resp: 22672
Ion Ratio Lower Upper
172 100
171 34.6 28.6 42.8
170 22.5 19.8 29.8



#16
Acenaphthylene
Concen: 0.712 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:152 Resp: 24016
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.759 ng

RT: 14.26 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

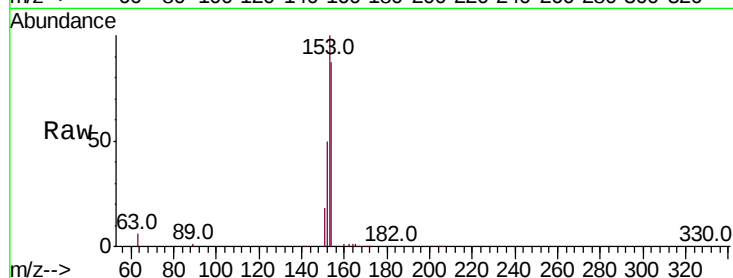
Tot Ion:154 Resp: 16462

Ion Ratio Lower Upper

154 100

153 115.2 91.5 137.3

152 57.2 45.6 68.4



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

15000

10000

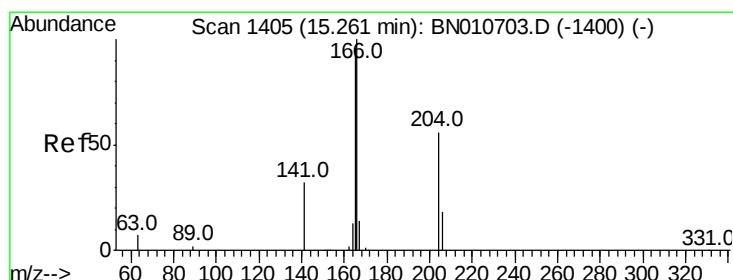
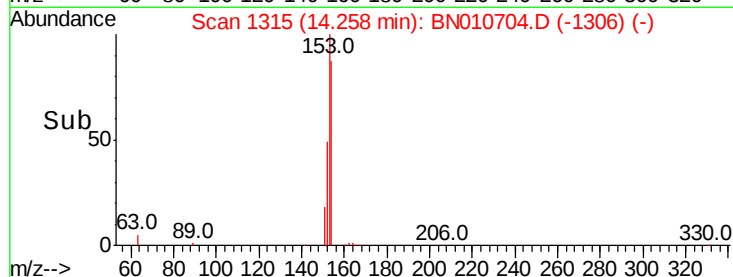
5000

0

14.26

14.20 14.30

Time-->



#18

Fluorene

Concen: 0.754 ng

RT: 15.25 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

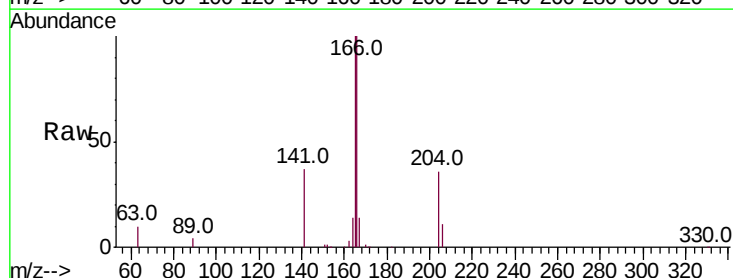
Tgt Ion:166 Resp: 21410

Ion Ratio Lower Upper

166 100

165 97.7 77.9 116.9

167 13.6 11.0 16.4



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

15000

10000

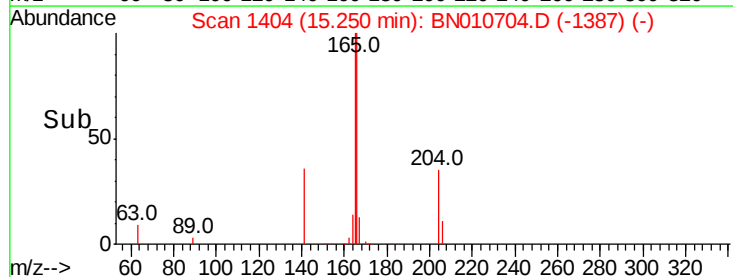
5000

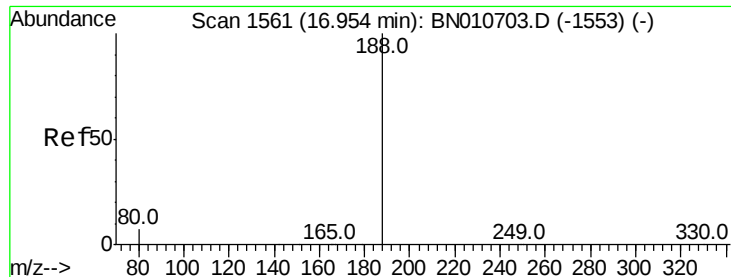
0

15.25

15.20 15.30 15.40

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.95 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

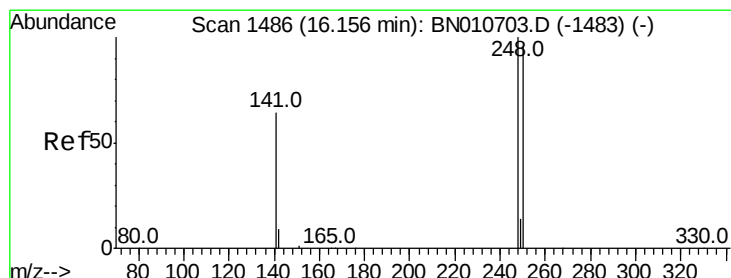
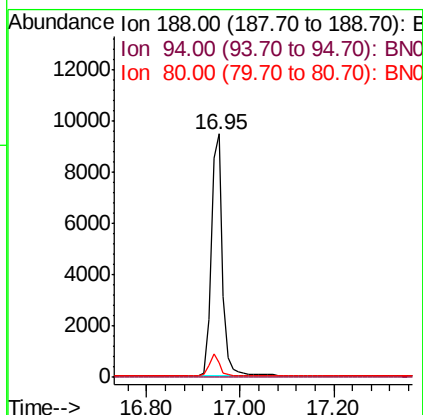
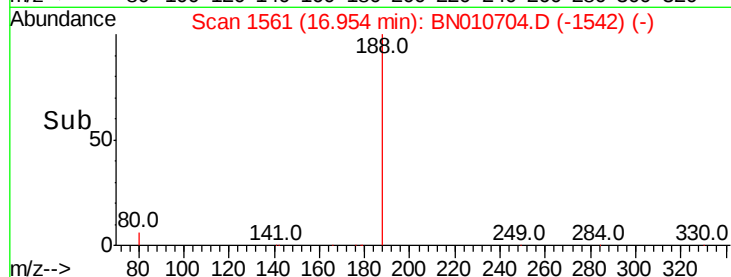
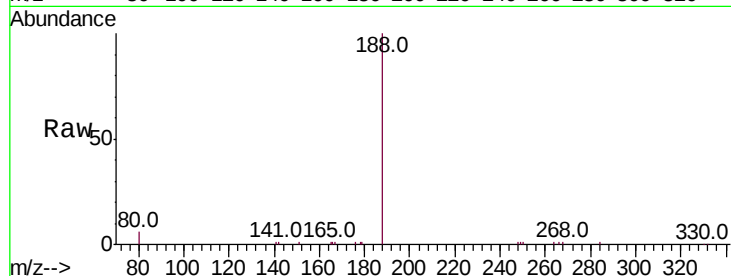
Tot Ion:188 Resp: 16347

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.1 6.3 9.5#



#20

4-Bromophenyl-phenylether

Concen: 0.759 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

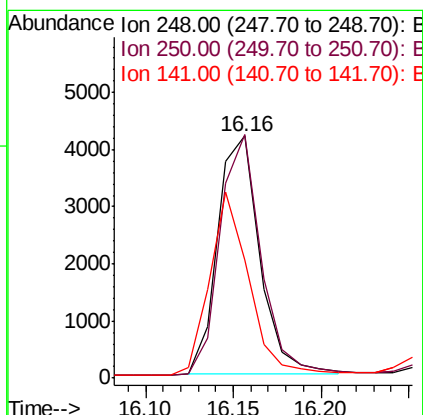
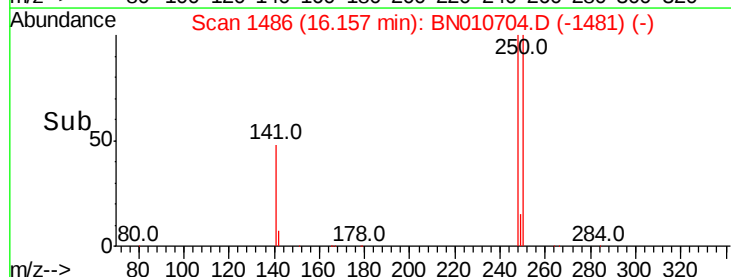
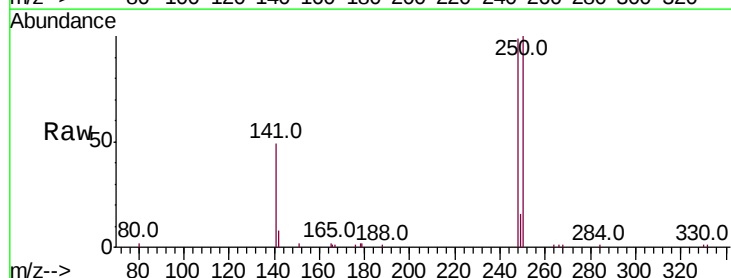
Tgt Ion:248 Resp: 6895

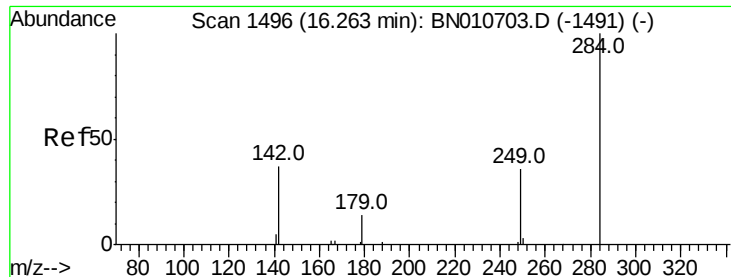
Ion Ratio Lower Upper

248 100

250 100.5 77.4 116.0

141 49.0 53.1 79.7#





#21

Hexachlorobenzene

Concen: 0.799 ng

RT: 16.26 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

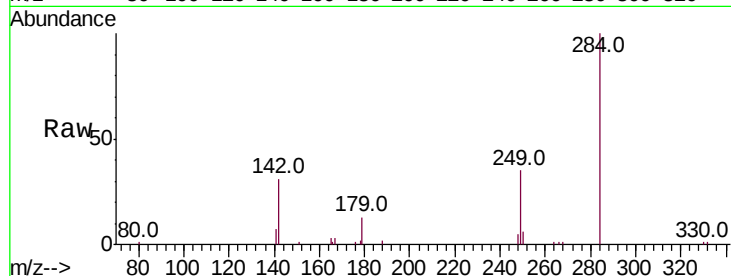
Tot Ion:284 Resp: 8286

Ion Ratio Lower Upper

284 100

142 34.9 28.2 42.2

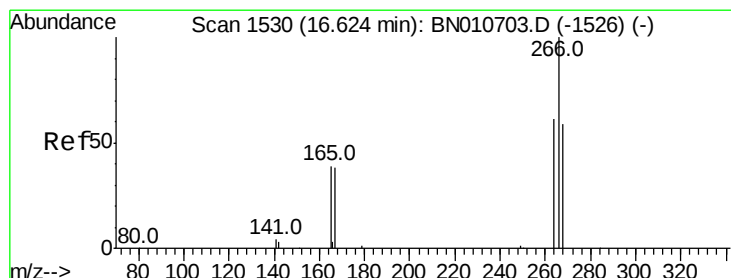
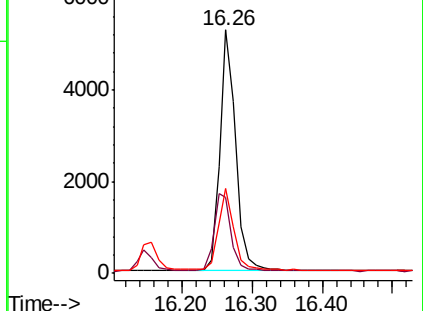
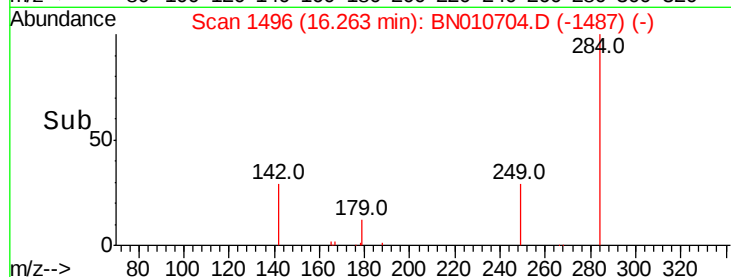
249 33.0 26.4 39.6



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: 0.573 ng

RT: 16.61 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

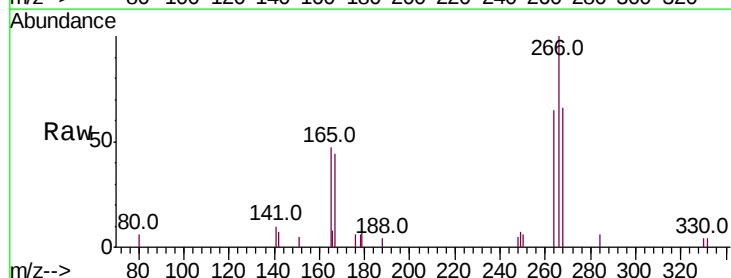
Tgt Ion:266 Resp: 2337

Ion Ratio Lower Upper

266 100

264 65.4 51.1 76.7

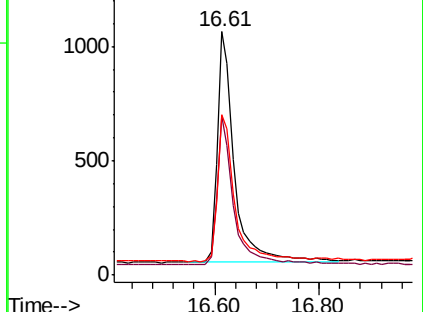
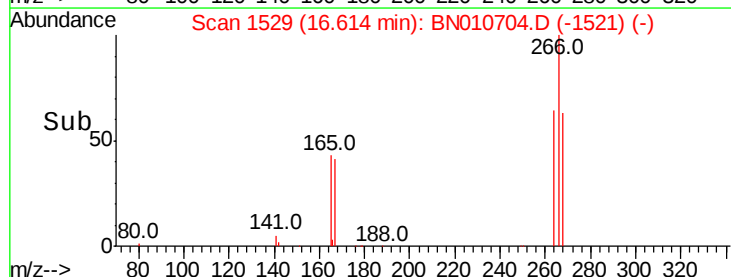
268 65.7 52.1 78.1

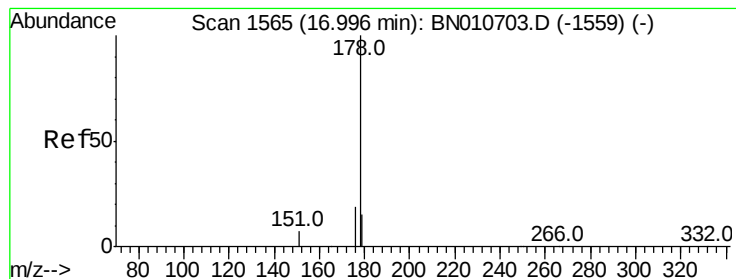


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.758 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

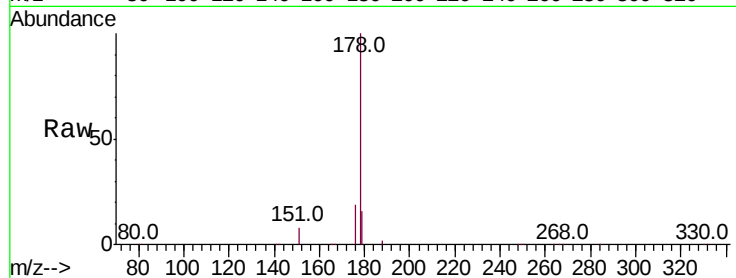
Tot Ion:178 Resp: 33482

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

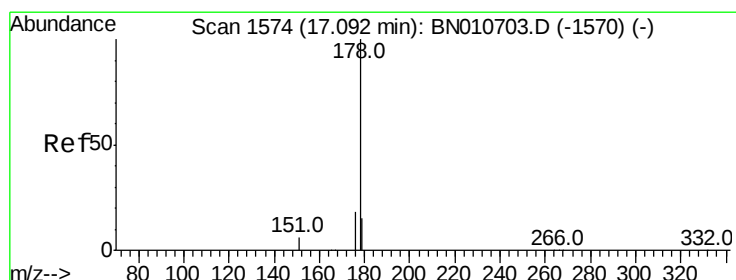
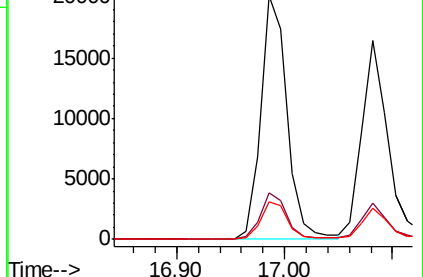
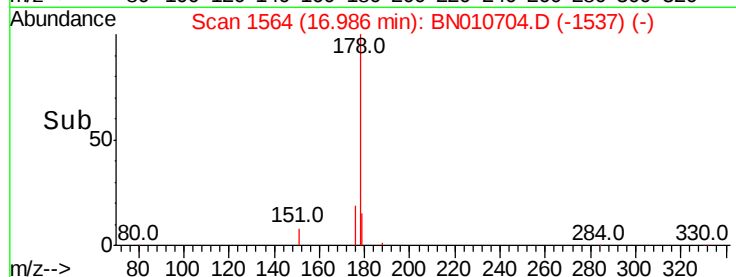
179 15.5 12.2 18.4



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



#24

Anthracene

Concen: 0.688 ng

RT: 17.08 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

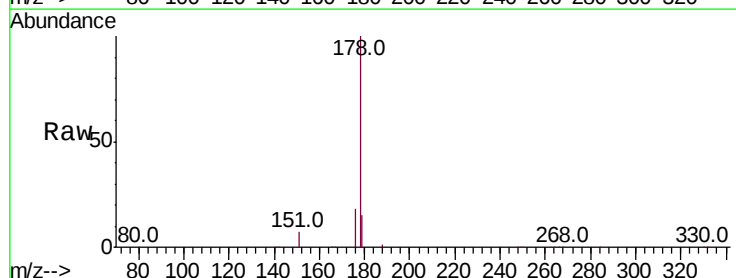
Tgt Ion:178 Resp: 27752

Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

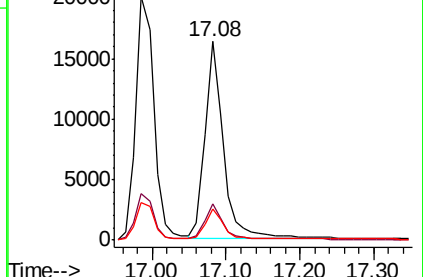
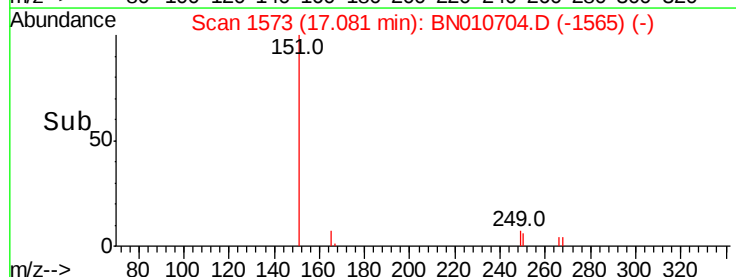
179 15.1 12.3 18.5

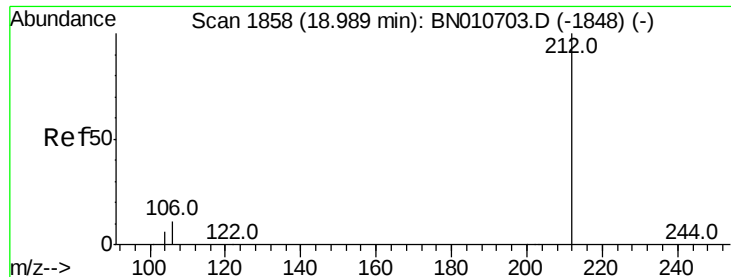


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.668 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

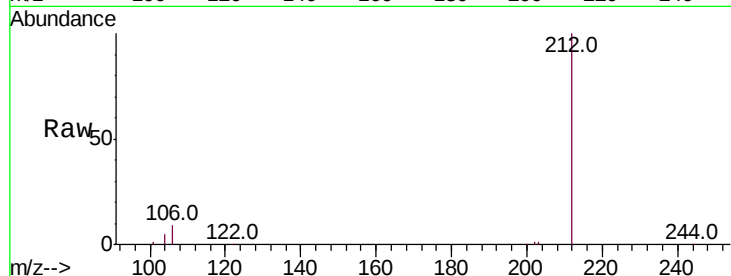
Tot Ion:212 Resp: 33111

Ion Ratio Lower Upper

212 100

106 9.9 8.2 12.2

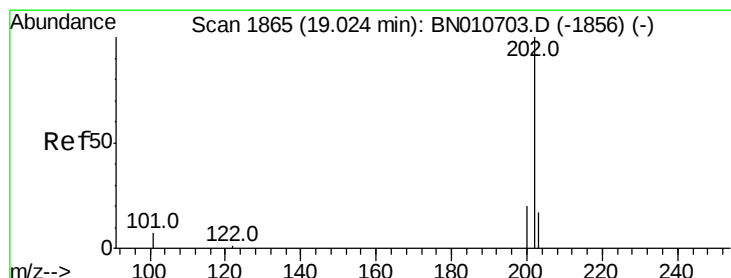
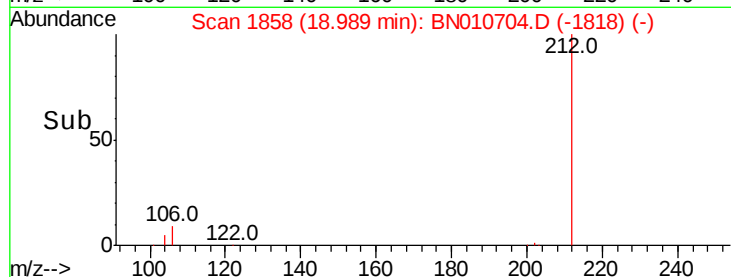
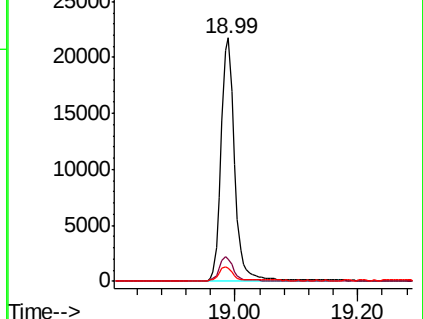
104 5.7 4.7 7.1



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: 0.688 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

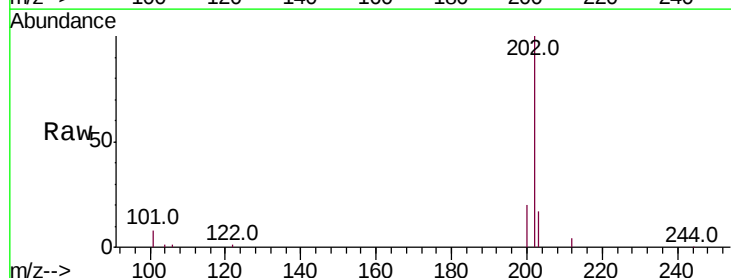
Tgt Ion:202 Resp: 37797

Ion Ratio Lower Upper

202 100

101 8.7 6.7 10.1

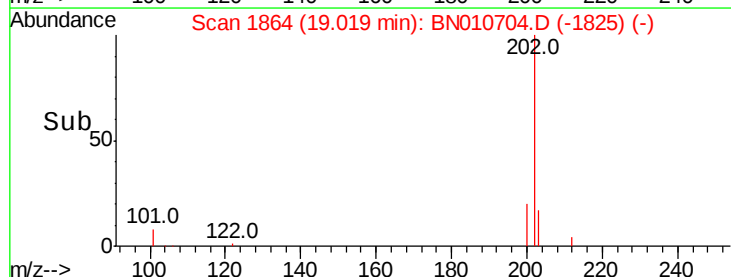
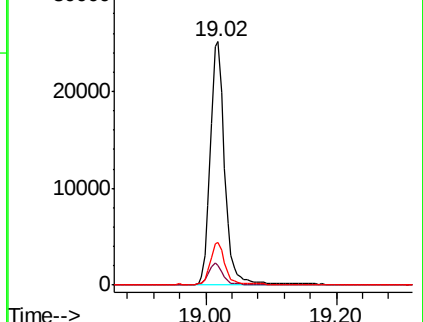
203 17.0 13.4 20.0

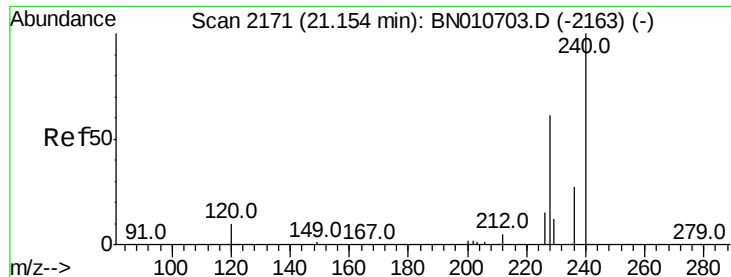


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.15 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

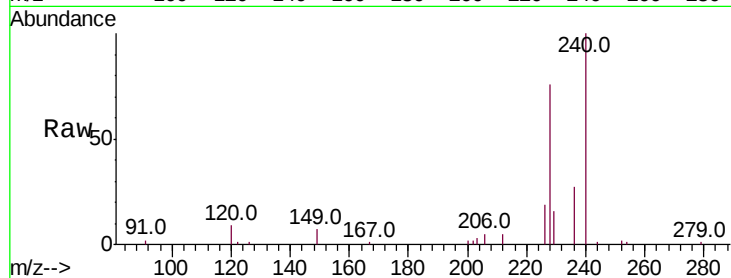
Tot Ion:240 Resp: 13729

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

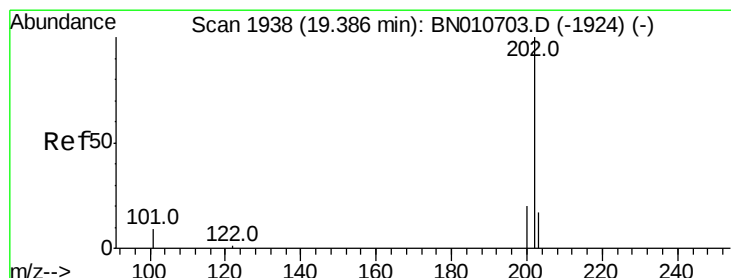
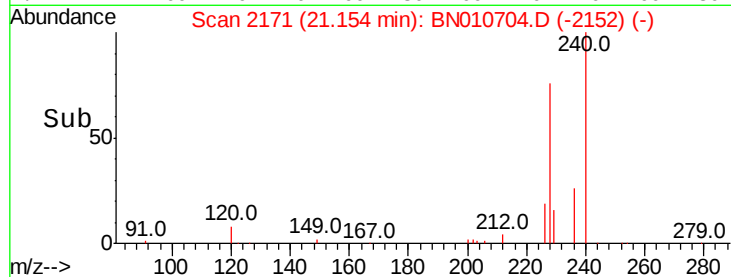
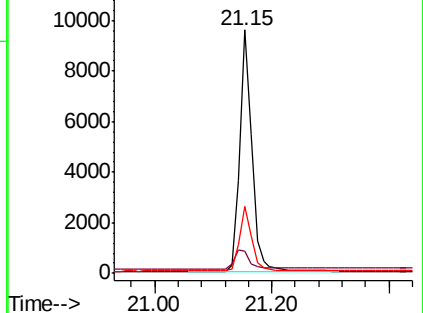
236 27.3 22.5 33.7



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: 0.792 ng

RT: 19.38 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

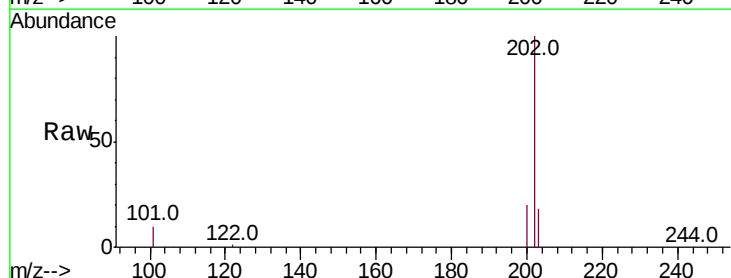
Tgt Ion:202 Resp: 36605

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.4

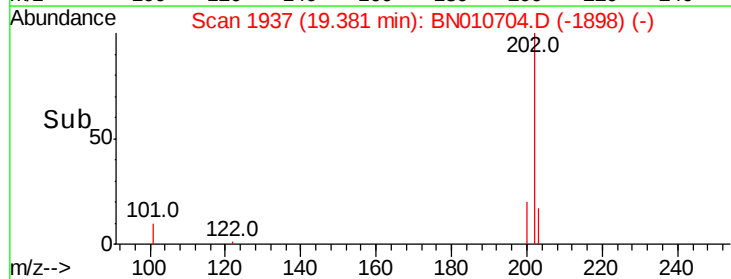
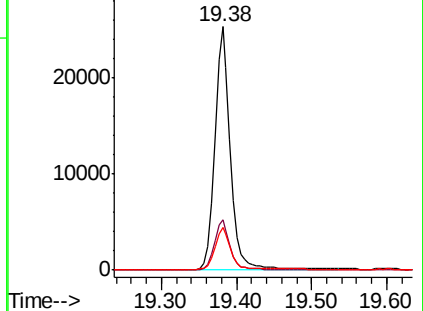
203 17.4 14.1 21.1

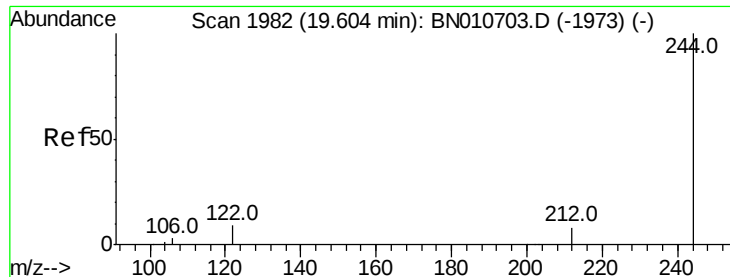


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.791 ng

RT: 19.60 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

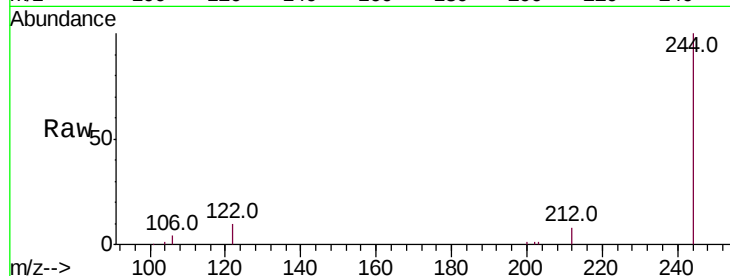
Tot Ion:244 Resp: 24867

Ion Ratio Lower Upper

244 100

212 8.1 6.8 10.2

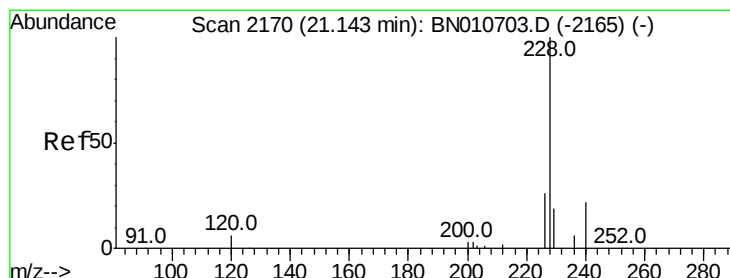
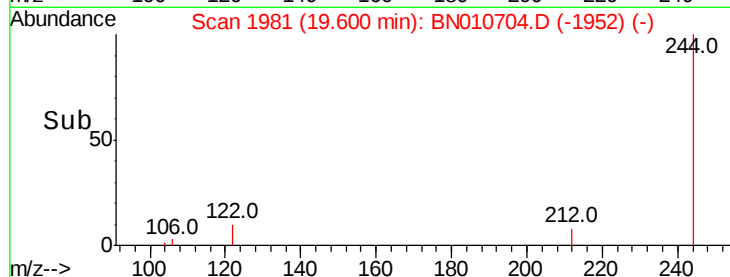
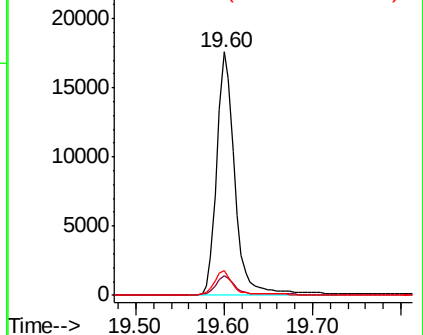
122 9.9 8.1 12.1



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: 0.663 ng

RT: 21.14 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

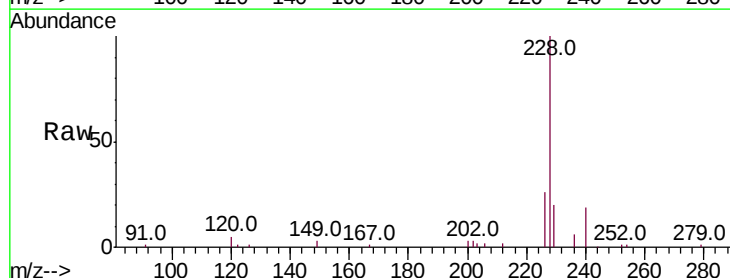
Tgt Ion:228 Resp: 29709

Ion Ratio Lower Upper

228 100

226 26.0 21.3 31.9

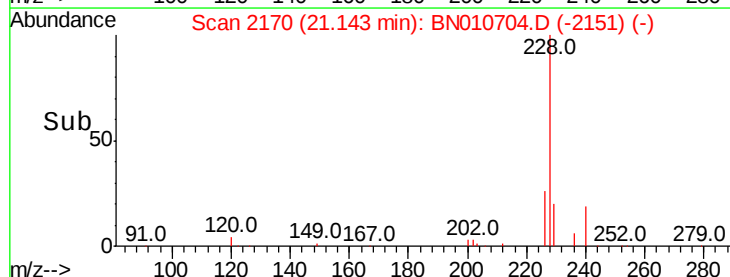
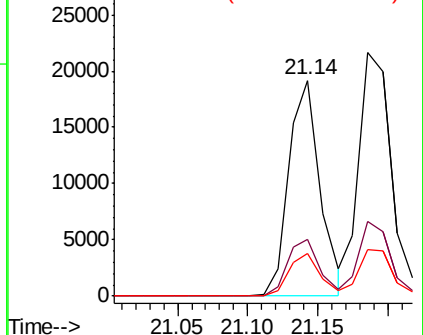
229 20.0 16.0 24.0

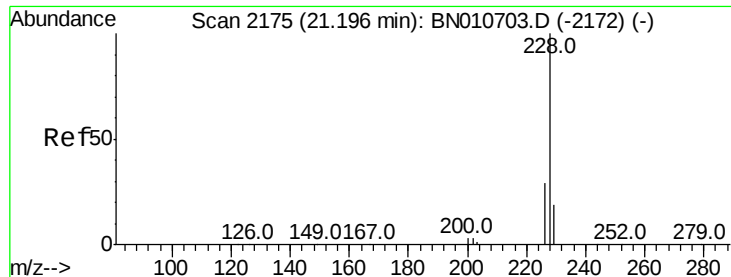


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.776 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Instrument :

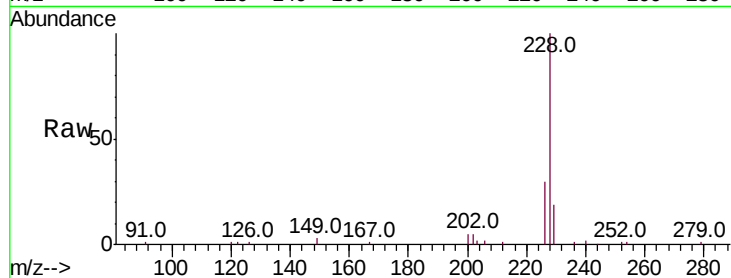
BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:228 Resp: 34621

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	19.2	16.1	24.1

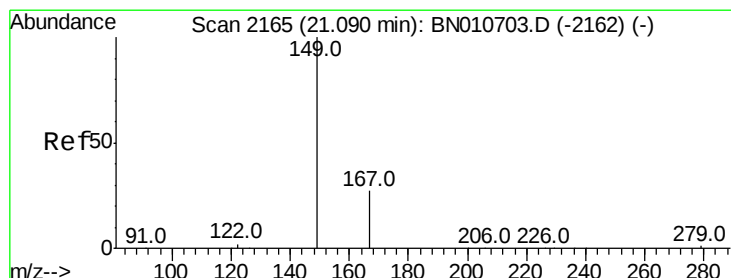
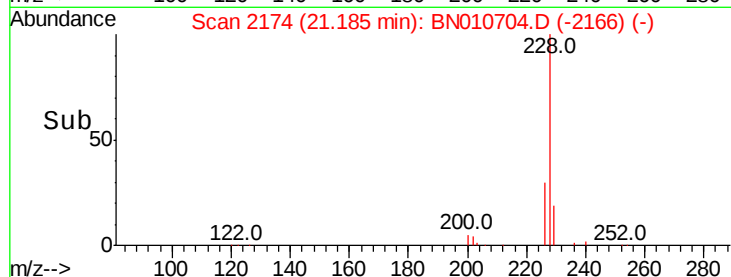
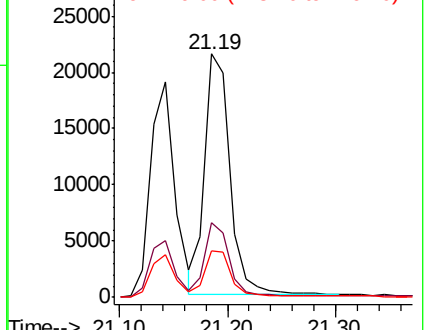


Abundance

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: 0.544 ng

RT: 21.09 min Scan# 2165

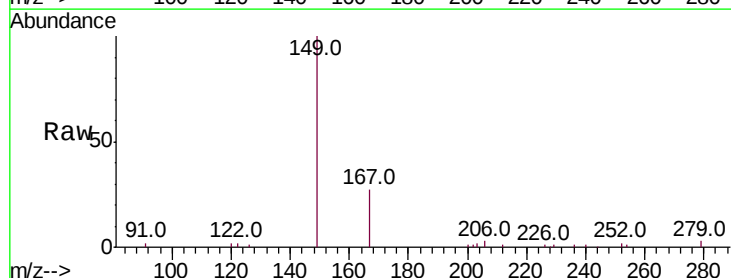
Delta R.T. 0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Tgt Ion:149 Resp: 12499

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	4.8	4.1	6.1

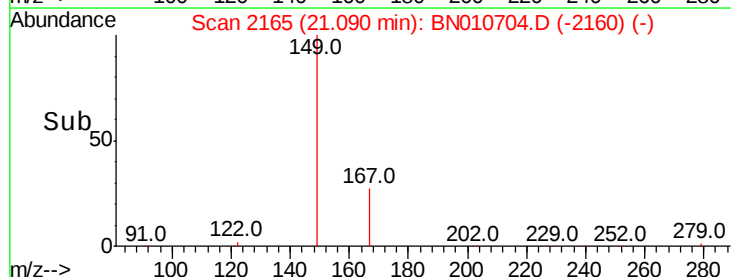
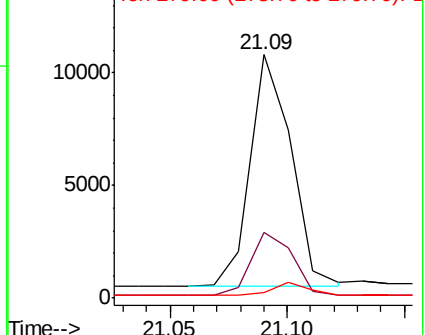


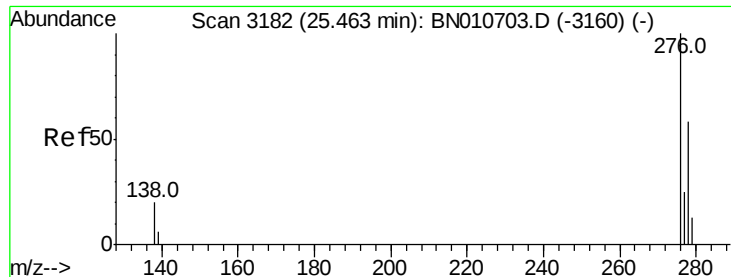
Abundance

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: 0.790 ng

RT: 25.46 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

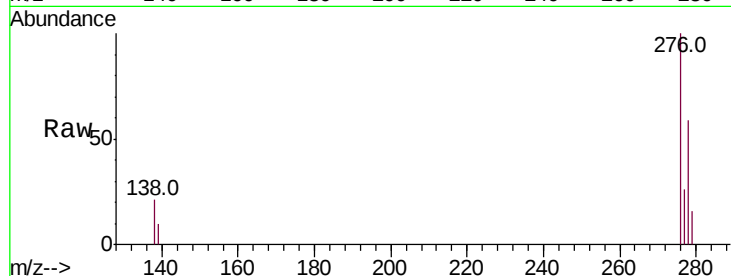
Tot Ion:276 Resp: 31166

Ion Ratio Lower Upper

276 100

138 19.6 15.1 22.7

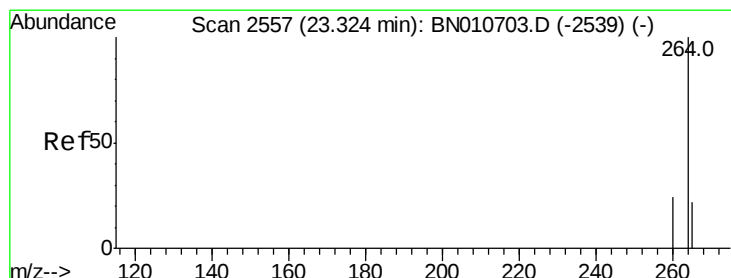
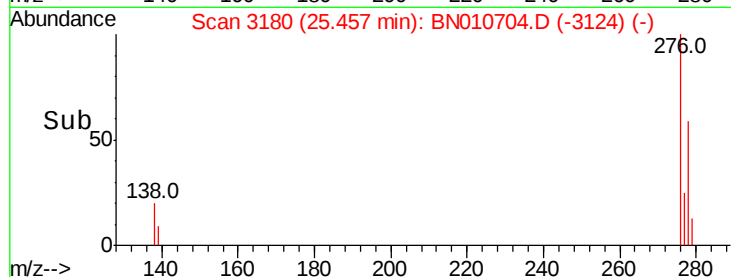
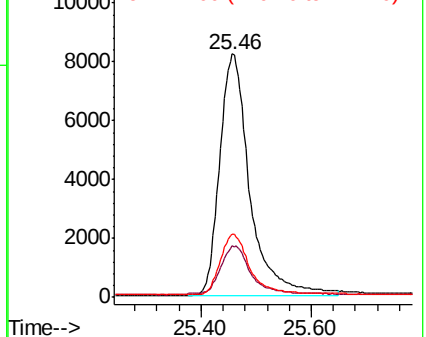
277 24.7 19.4 29.0



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: 23.32 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

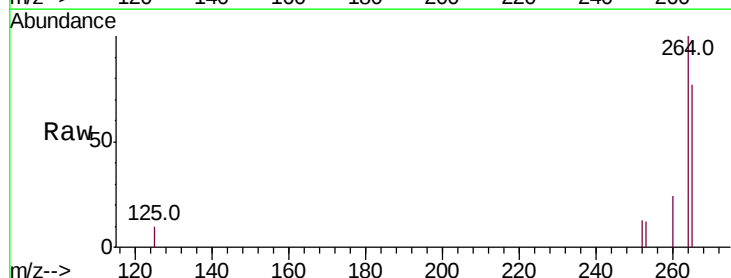
Tgt Ion:264 Resp: 12813

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

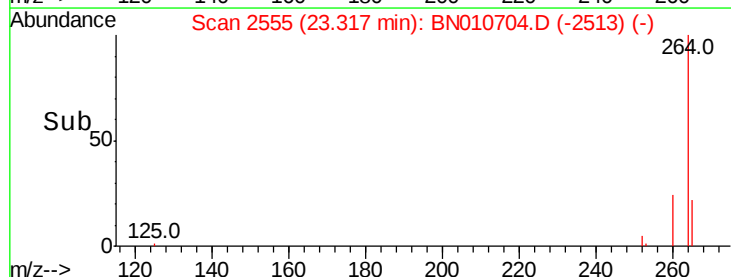
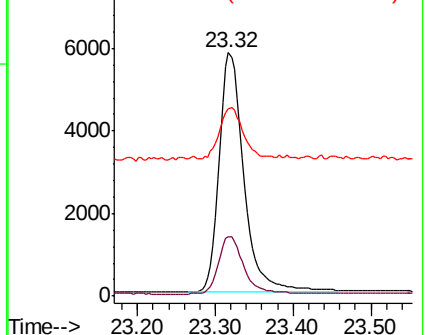
265 77.0 70.1 105.1

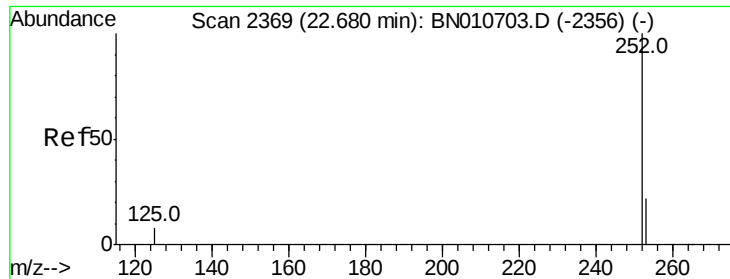


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.821 ng

RT: 22.72 min Scan# 2380

Delta R.T. 0.04 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

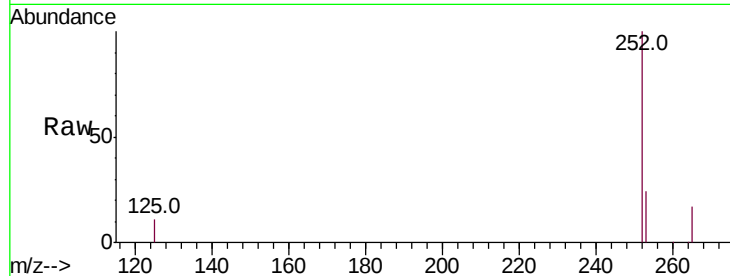
Tot Ion:252 Resp: 34635

Ion Ratio Lower Upper

252 100

253 24.0 22.0 33.0

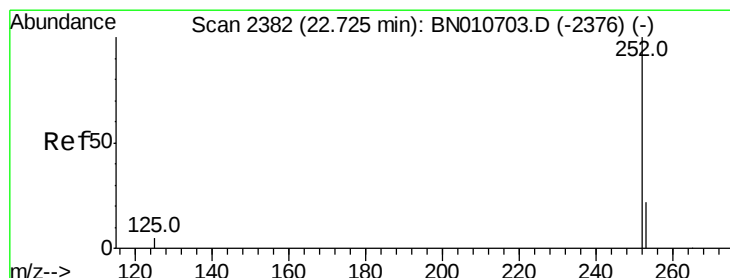
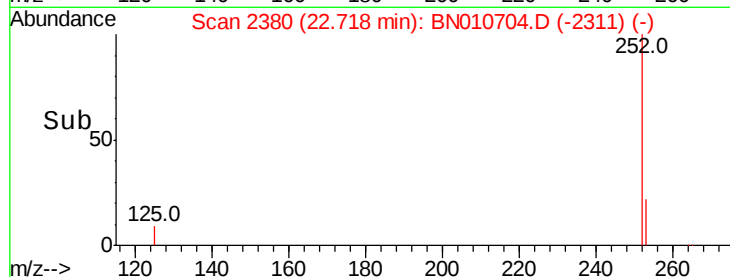
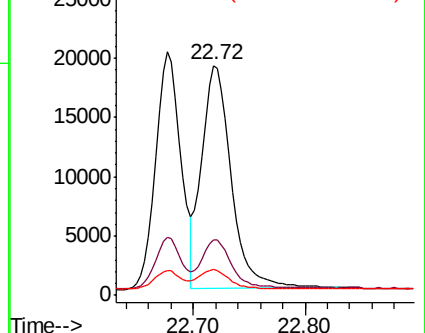
125 11.1 10.8 16.2



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: 0.819 ng

RT: 22.72 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

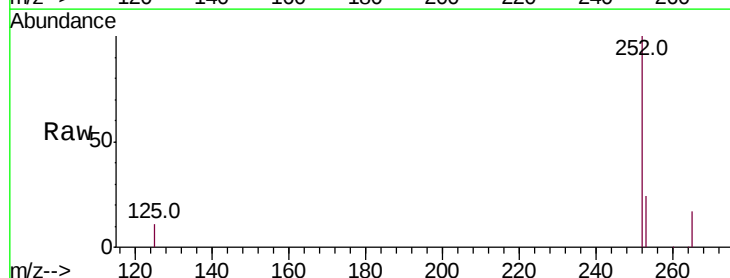
Tgt Ion:252 Resp: 34635

Ion Ratio Lower Upper

252 100

253 24.0 21.9 32.9

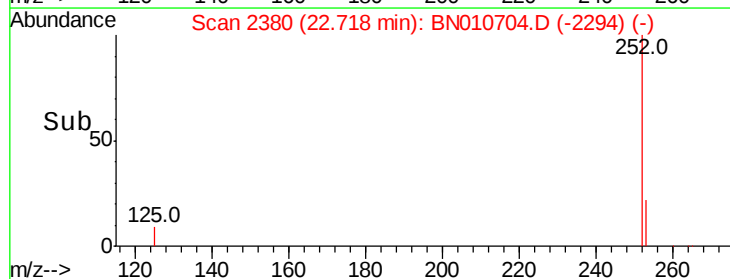
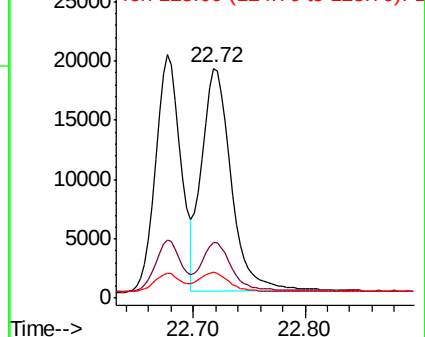
125 11.1 11.1 16.7#

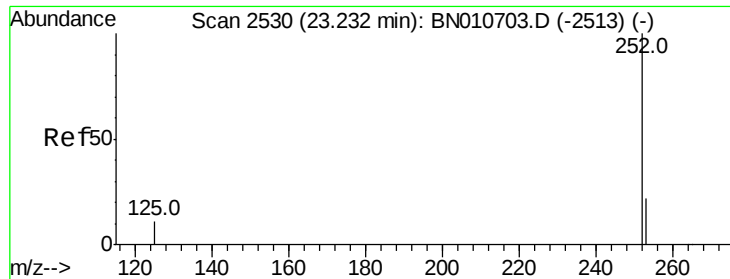


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.745 ng

RT: 23.22 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

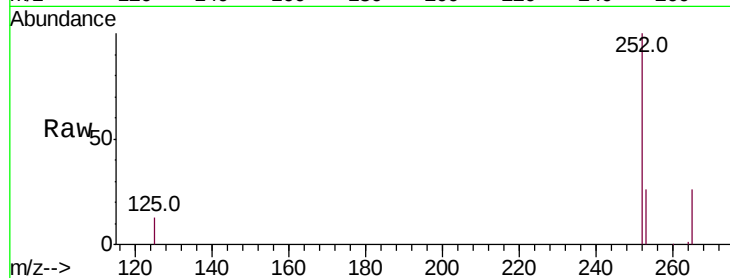
Tot Ion:252 Resp: 27802

Ion Ratio Lower Upper

252 100

253 25.6 24.8 37.2

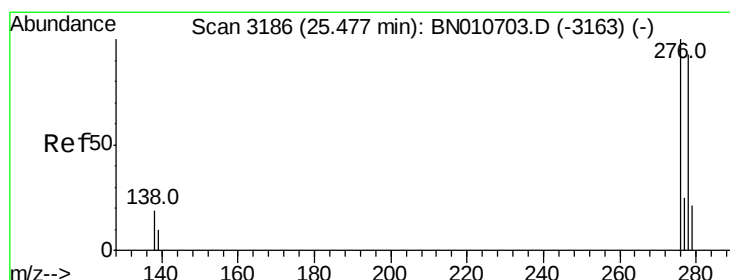
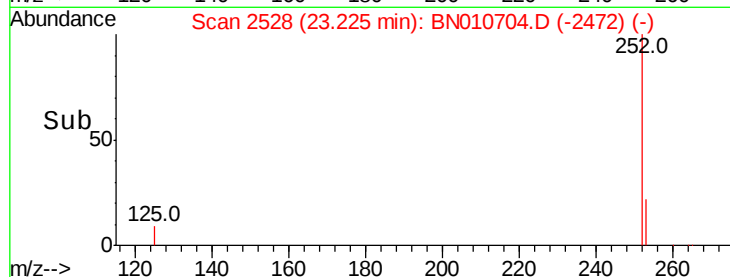
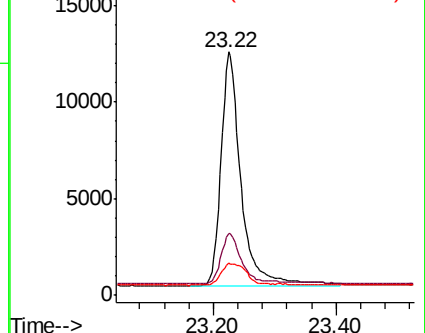
125 13.1 15.8 23.6#



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: 0.702 ng

RT: 25.47 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

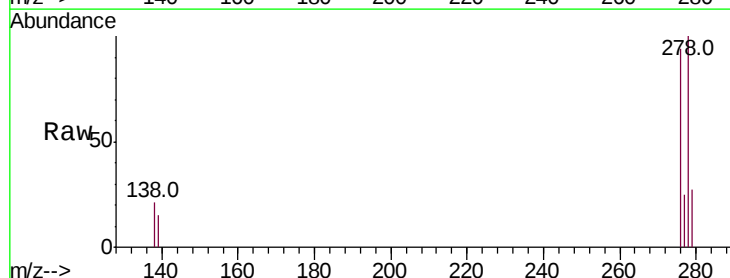
Tgt Ion:278 Resp: 23963

Ion Ratio Lower Upper

278 100

139 14.6 13.0 19.4

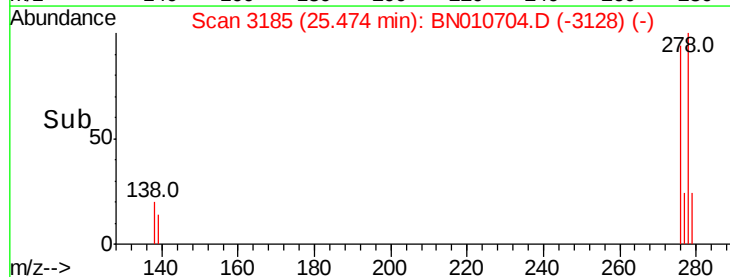
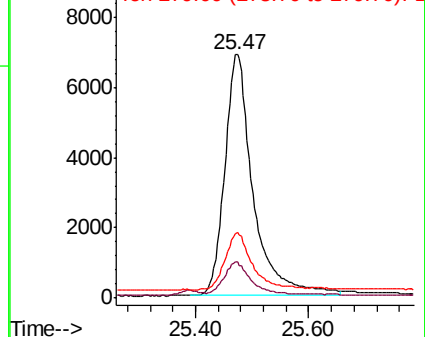
279 27.0 25.1 37.7

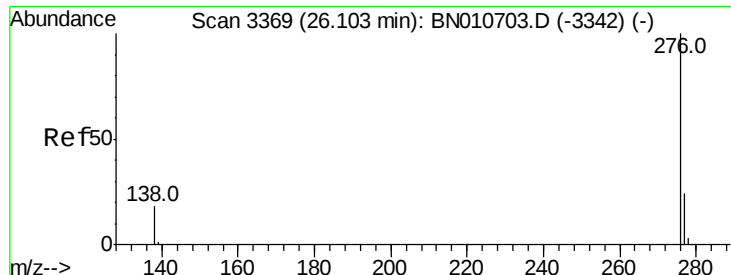


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.791 ng

RT: 26.10 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BN010704.D

Acq: 13 May 2020 11:57

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

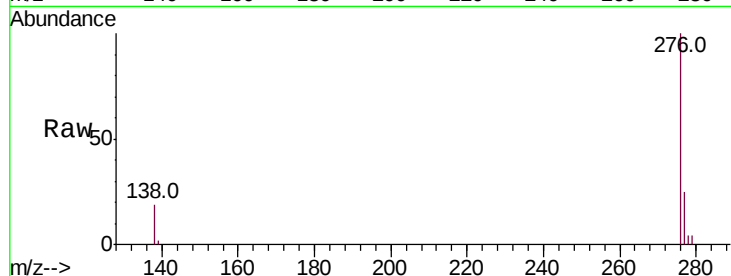
Tot Ion:276 Resp: 27183

Ion Ratio Lower Upper

276 100

277 25.0 20.6 30.8

138 18.8 16.0 24.0



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

