

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043020\
 Data File : BN010674.D
 Acq On : 30 Apr 2020 15:02
 Operator : CG/JU
 Sample : PB128575BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128575BSD

Quant Time: Apr 30 15:39:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 11:18:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2857	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	11802	0.40	ng	0.01
13) Acenaphthene-d10	14.20	164	7555	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	16207	0.40	ng	0.00
27) Chrysene-d12	21.16	240	12211	0.40	ng	0.00
34) Perylene-d12	23.33	264	10652	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	1988	0.32	ng	0.00
5) Phenol-d6	6.78	99	2447	0.30	ng	0.00
8) Nitrobenzene-d5	8.72	82	2596	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	9815	0.51	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	749	0.21	ng	0.01
15) 2-Fluorobiphenyl	12.83	172	8603	0.31	ng	0.01
25) Fluoranthene-d10	19.00	212	12238	0.25	ng	0.00
29) Terphenyl-d14	19.61	244	9239	0.33	ng	0.00

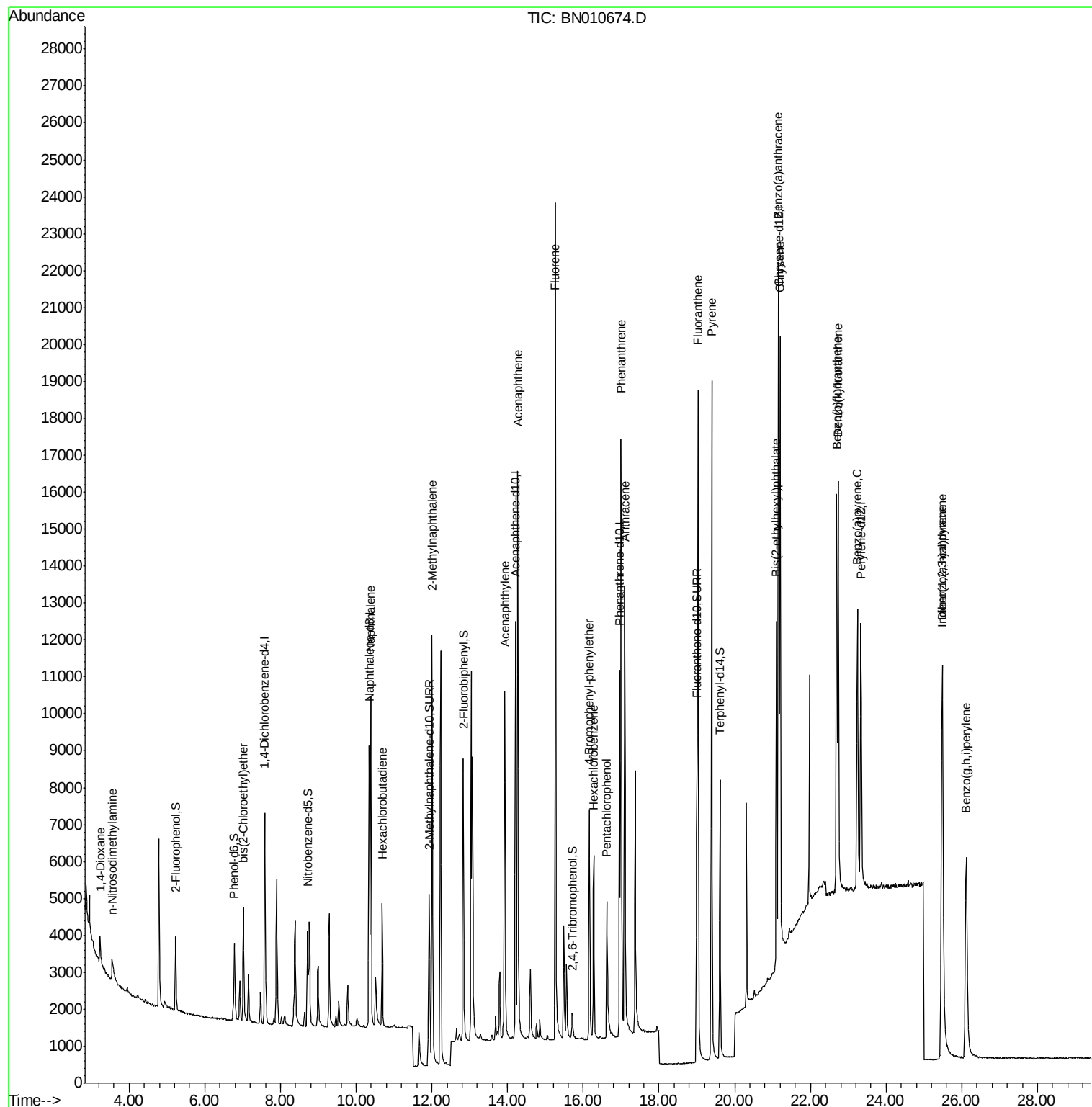
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	701	0.333	ng	# 83
3) n-Nitrosodimethylamine	3.55	42	560	0.411	ng	# 84
6) bis(2-Chloroethyl)ether	7.03	93	3039	0.429	ng	99
9) Naphthalene	10.38	128	12524	0.427	ng	99
10) Hexachlorobutadiene	10.68	225	2681	0.380	ng	# 99
12) 2-Methylnaphthalene	12.01	142	9094	0.432	ng	99
16) Acenaphthylene	13.92	152	12700	0.389	ng	100
17) Acenaphthene	14.27	154	8565	0.408	ng	99
18) Fluorene	15.26	166	11466	0.417	ng	100
20) 4-Bromophenyl-phenylether	16.16	248	3600	0.400	ng	# 78
21) Hexachlorobenzene	16.27	284	4350	0.423	ng	97
22) Pentachlorophenol	16.62	266	2922	0.723	ng	98
23) Phenanthrene	17.00	178	18300	0.418	ng	99
24) Anthracene	17.09	178	15137	0.378	ng	100
26) Fluoranthene	19.03	202	19174	0.352	ng	100
28) Pyrene	19.39	202	18865	0.459	ng	99
30) Benzo(a)anthracene	21.15	228	14216	0.357	ng	98
31) Chrysene	21.20	228	16418	0.414	ng	100
32) Bis(2-ethylhexyl)phthalate	21.10	149	6347	0.311	ng	98
33) Indeno(1,2,3-cd)pyrene	25.47	276	15805	0.450	ng	99
35) Benzo(b)fluoranthene	22.69	252	14428	0.411	ng	95
36) Benzo(k)fluoranthene	22.73	252	15665	0.446	ng	96
37) Benzo(a)pyrene	23.24	252	12962	0.418	ng	# 93
38) Dibenzo(a,h)anthracene	25.49	278	12959	0.457	ng	96
39) Benzo(g,h,i)perylene	26.11	276	14259	0.499	ng	99

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

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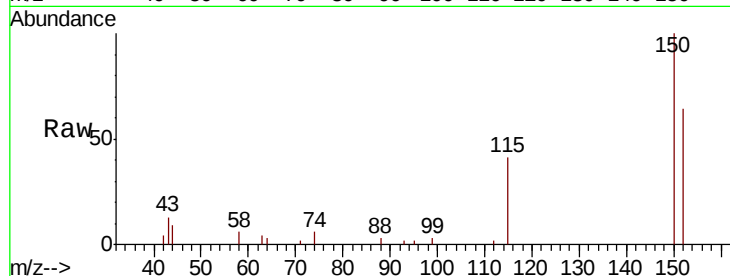


#1

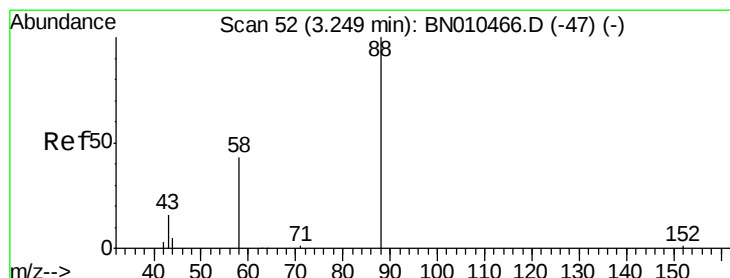
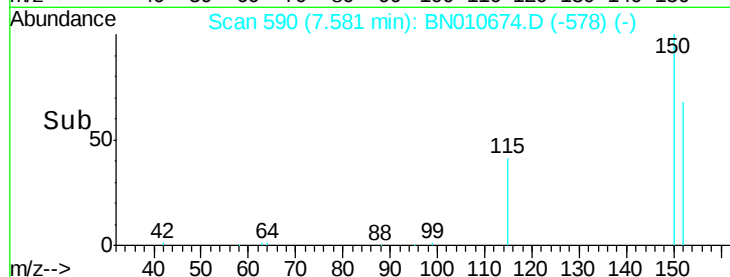
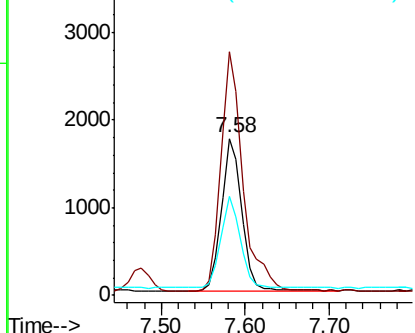
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.58 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Instrument :
BNA_N
ClientSampleId :
PB128575BSD

Tot Ion:152 Resp: 2857
Ion Ratio Lower Upper
152 100
150 155.1 121.8 182.6
115 62.8 45.5 68.3



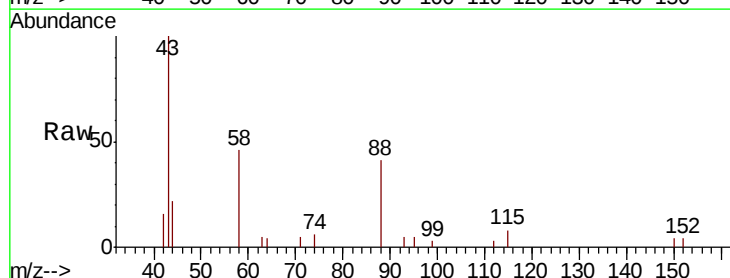
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



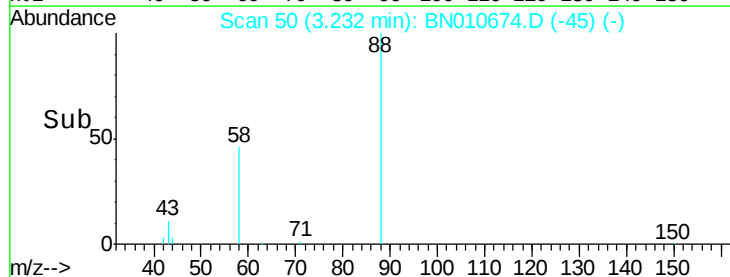
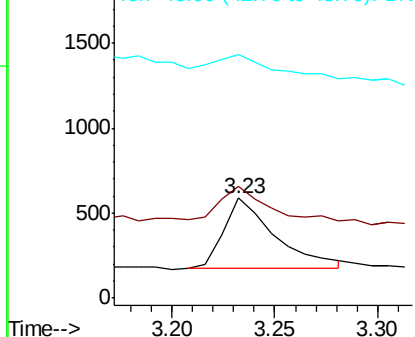
#2

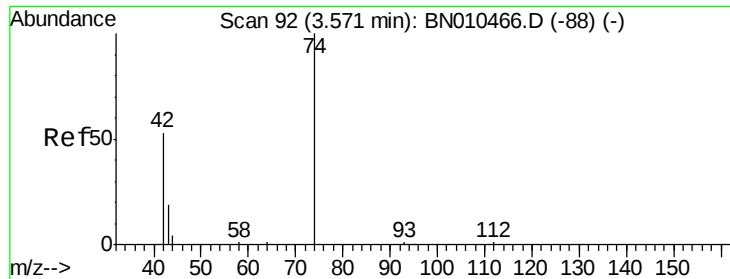
1,4-Dioxane
Concen: 0.333 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion: 88 Resp: 701
Ion Ratio Lower Upper
88 100
58 42.5 36.5 54.7
43 38.9 13.2 19.8#



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: 0.411 ng

RT: 3.55 min Scan# 90

Delta R.T. 0.01 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

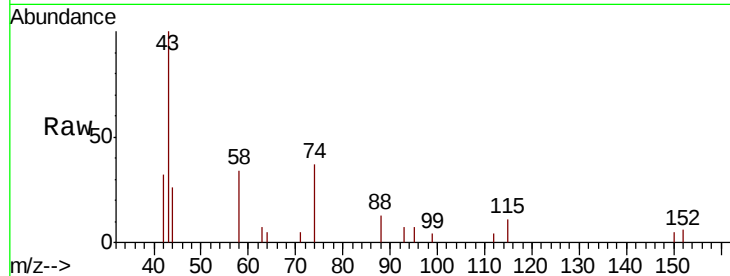
Tot Ion: 42 Resp: 560

Ion Ratio Lower Upper

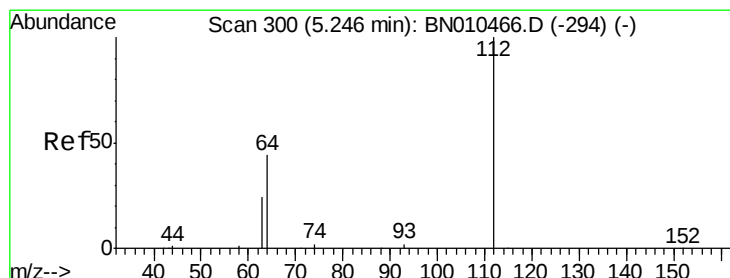
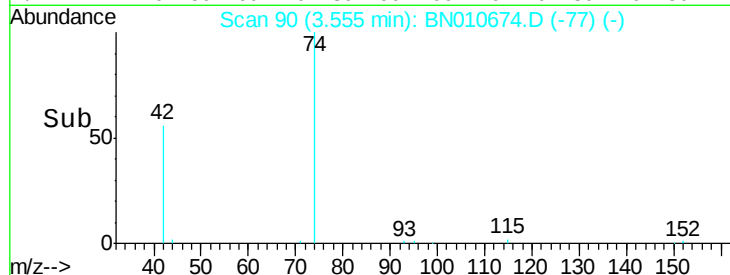
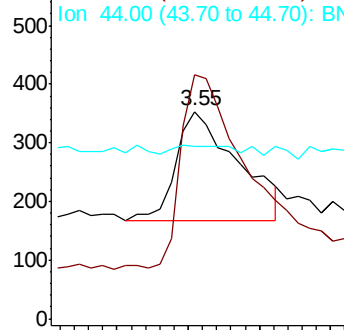
42 100

74 178.6 162.2 243.4

44 7.0 2.4 3.6#



Abundance Ion 42.00 (41.70 to 42.70): BN010466.D (-88) (-)



#4

2-Fluorophenol

Concen: 0.318 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

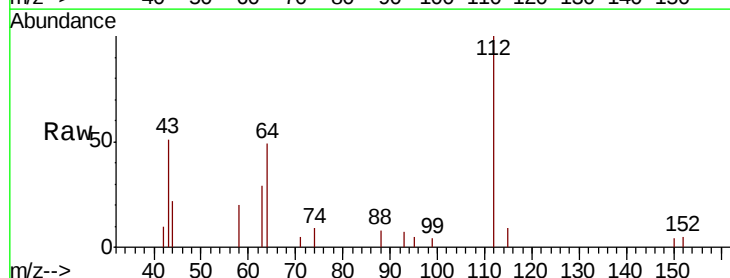
Tgt Ion: 112 Resp: 1988

Ion Ratio Lower Upper

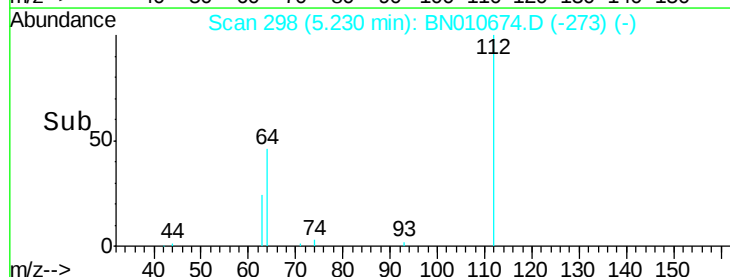
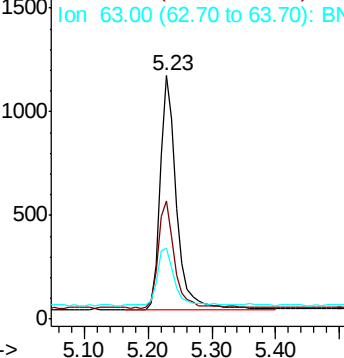
112 100

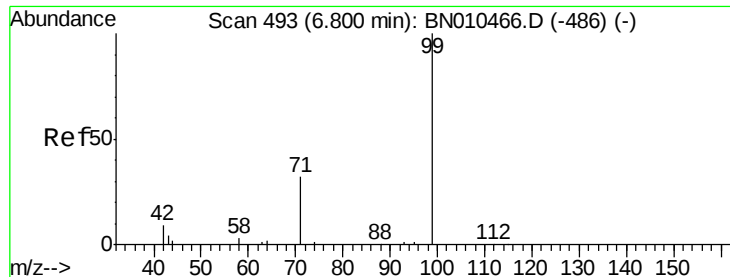
64 46.9 35.8 53.8

63 25.1 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): BN010466.D (-294) (-)





#5

Phenol-d6

Concen: 0.299 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

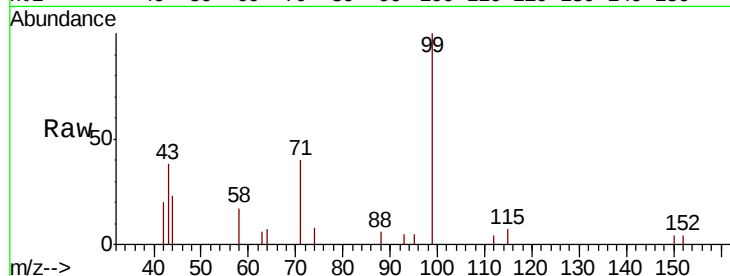
Tot Ion: 99 Resp: 2447

Ion Ratio Lower Upper

99 100

42 12.0 9.8 14.6

71 35.1 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010674.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010674.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010674.D (-486) (-)

1500

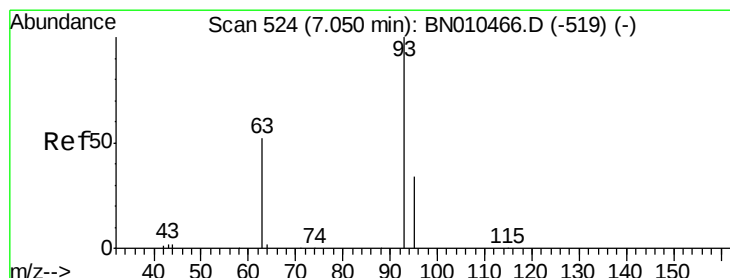
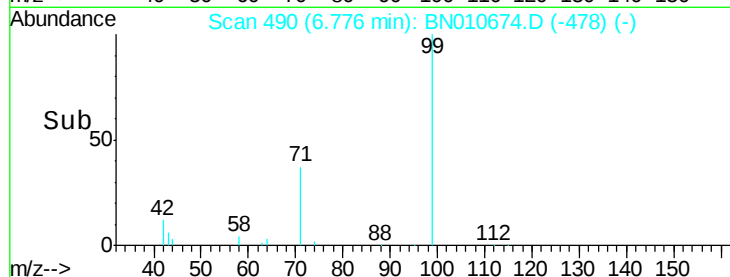
1000

500

0

6.78

Time--> 6.60 6.70 6.80 6.90 7.00



#6

bis(2-Chloroethyl)ether

Concen: 0.429 ng

RT: 7.03 min Scan# 521

Delta R.T. 0.01 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

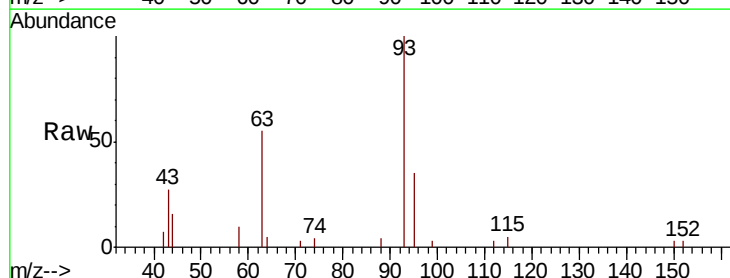
Tgt Ion: 93 Resp: 3039

Ion Ratio Lower Upper

93 100

63 56.9 44.6 66.8

95 33.2 26.5 39.7



Abundance Ion 93.00 (92.70 to 93.70): BN010674.D (-519) (-)

Ion 63.00 (62.70 to 63.70): BN010674.D (-519) (-)

Ion 95.00 (94.70 to 95.70): BN010674.D (-519) (-)

2000

1500

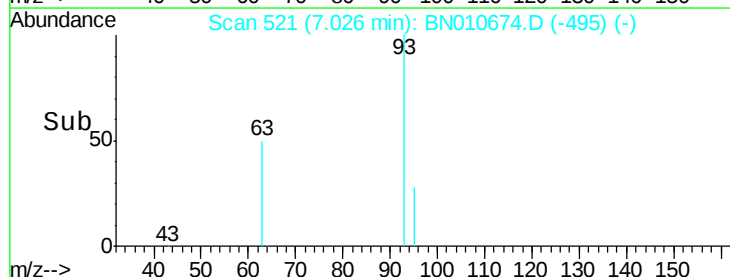
1000

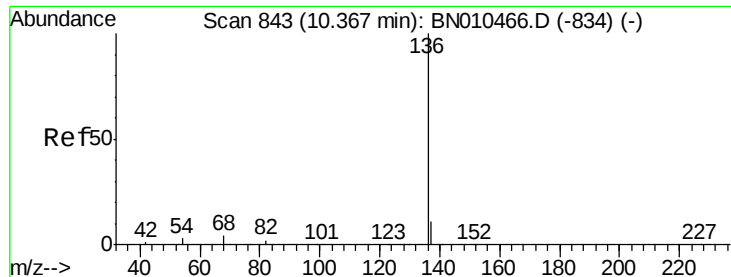
500

0

7.03

Time--> 7.00 7.10





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.01 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

Tot Ion:136 Resp: 11802

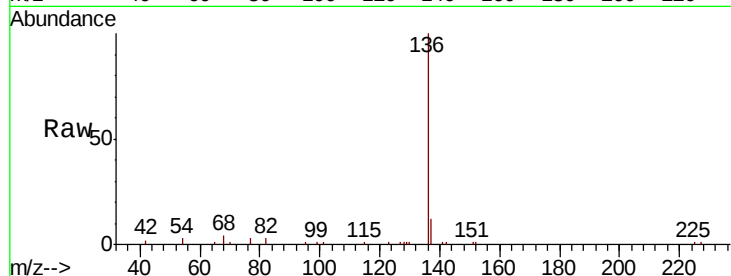
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 3.1 2.6 4.0

68 3.9 3.4 5.2

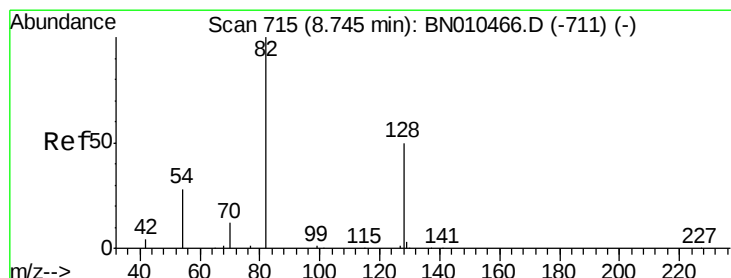
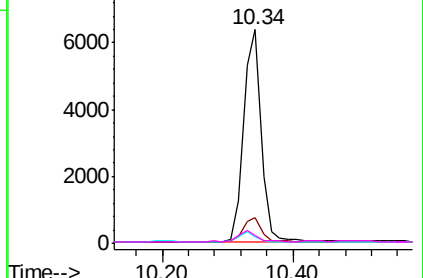
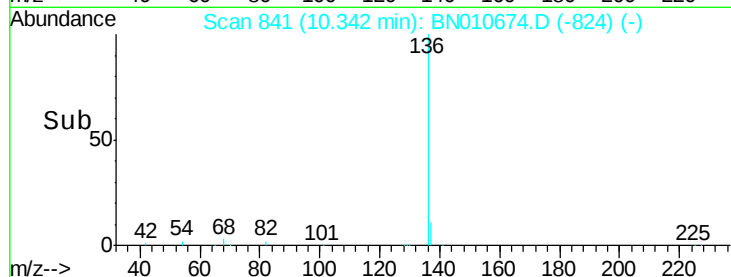


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.315 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

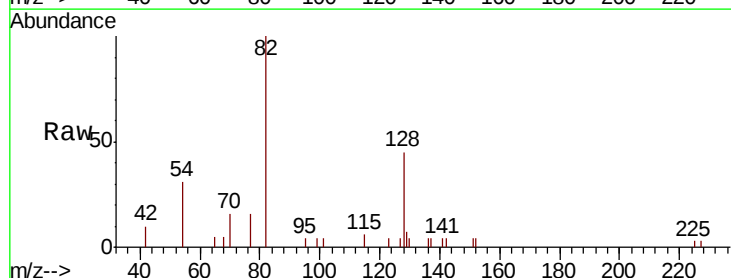
Tgt Ion: 82 Resp: 2596

Ion Ratio Lower Upper

82 100

128 45.5 41.3 61.9

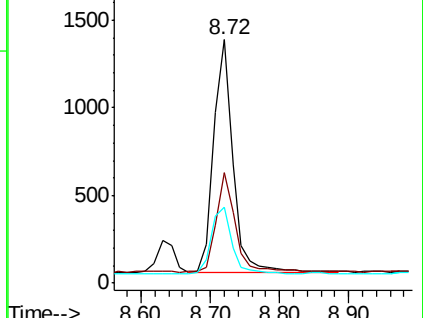
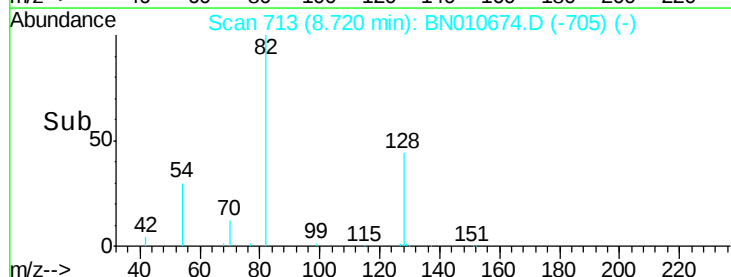
54 31.2 23.4 35.0

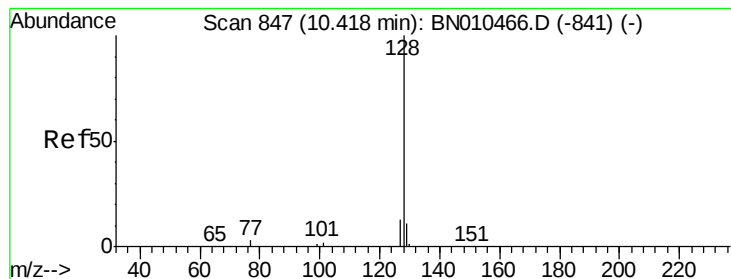


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.427 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

Instrument :

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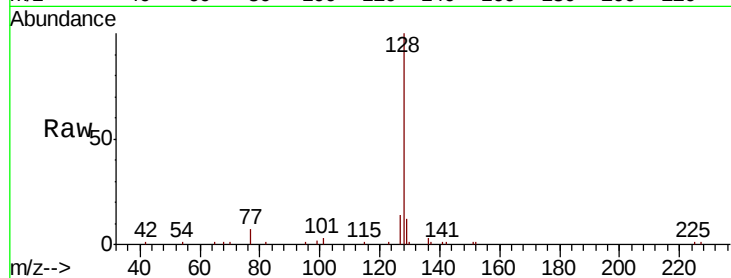
Tot Ion:128 Resp: 12524

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

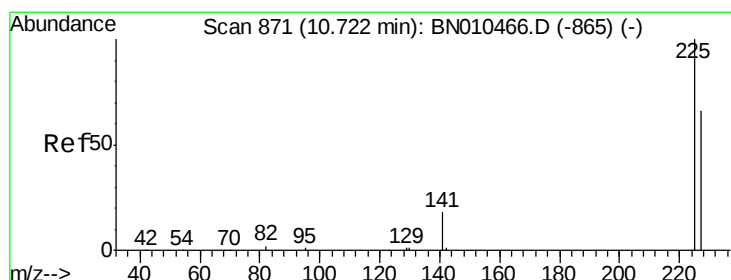
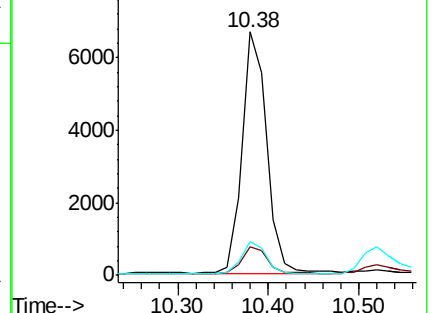
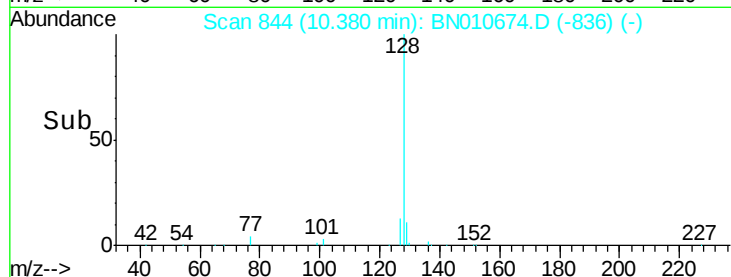
127 14.1 10.5 15.7



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: 0.380 ng

RT: 10.68 min Scan# 868

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

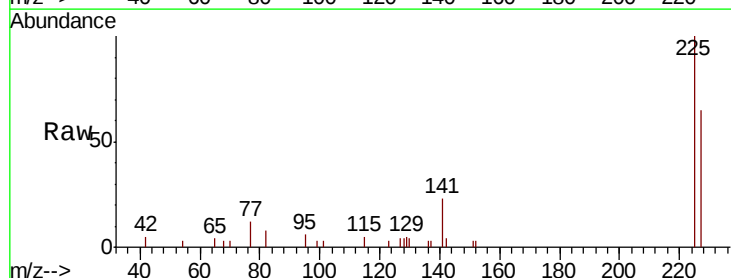
Tgt Ion:225 Resp: 2681

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

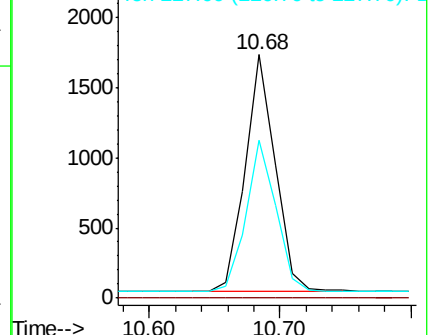
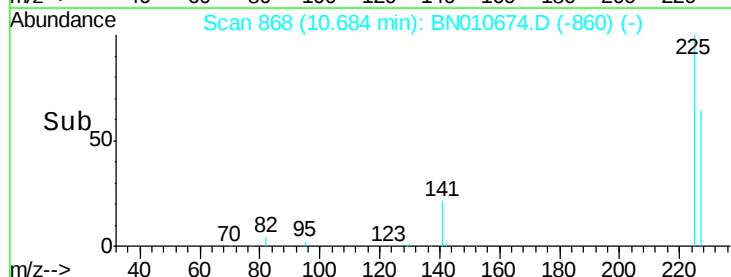
227 63.7 50.6 76.0

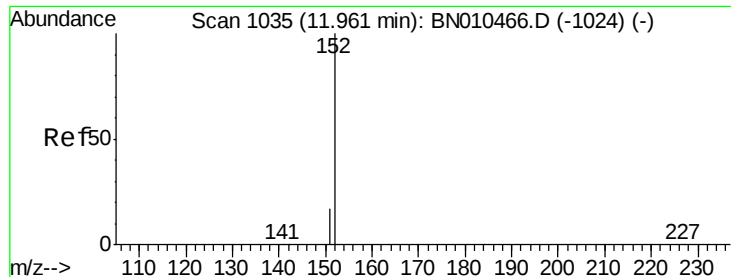


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

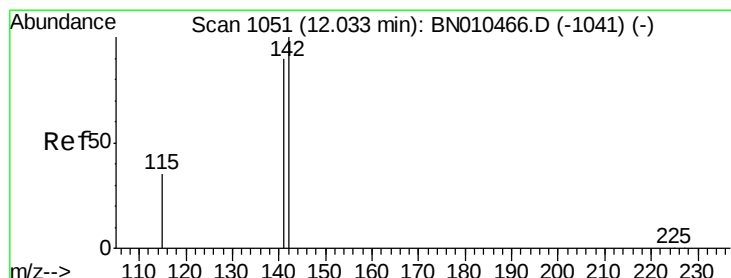
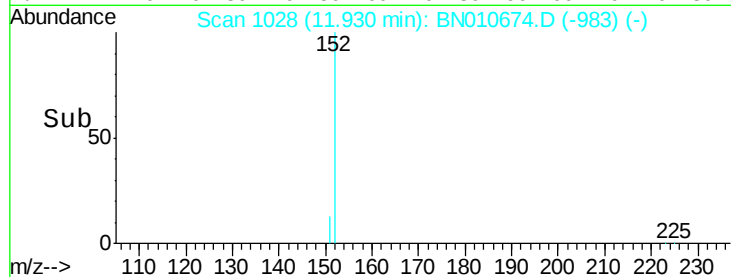
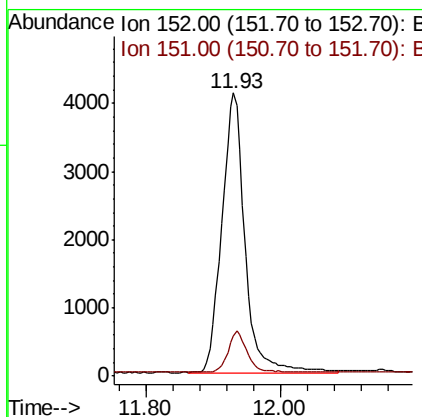
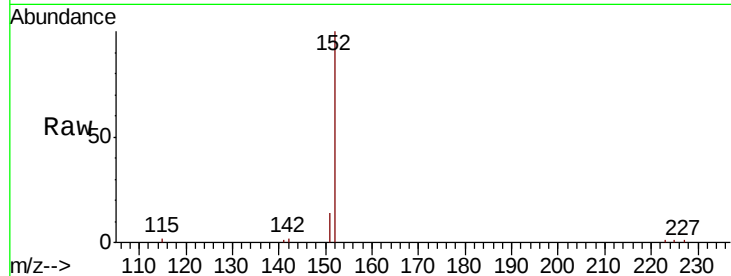




#11
2-Methylnaphthalene-d10
Concen: 0.506 ng
RT: 11.93 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

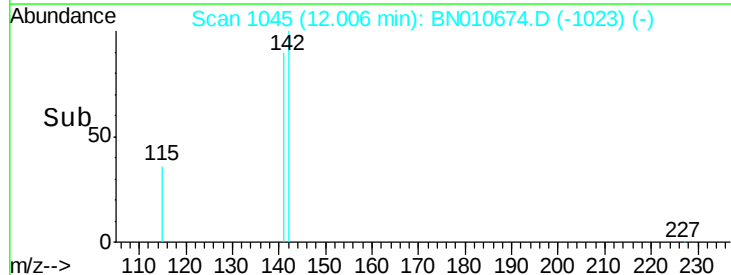
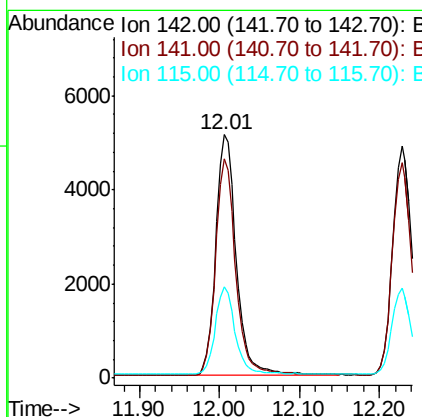
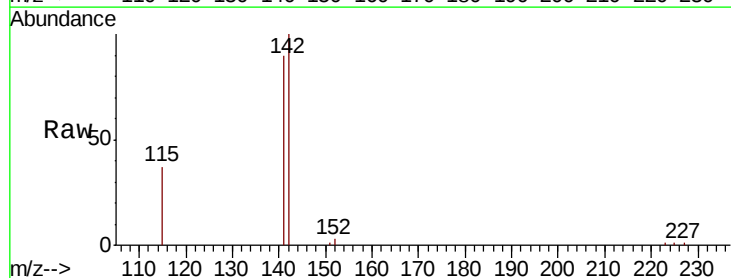
Instrument :
BNA_N
ClientSampleId :
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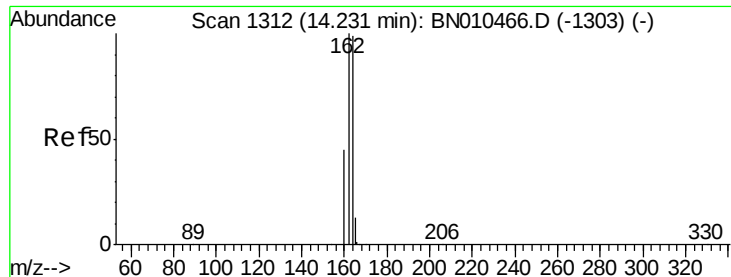
Tot Ion:152 Resp: 9815
Ion Ratio Lower Upper
152 100
151 12.0 15.3 22.9#



#12
2-Methylnaphthalene
Concen: 0.432 ng
RT: 12.01 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:142 Resp: 9094
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9
115 37.3 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

Instrument :

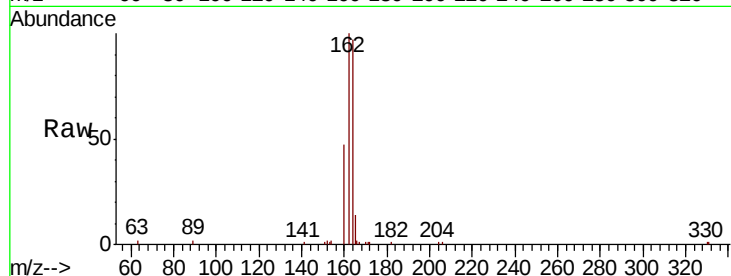
BNA_N

ClientSampleId :

PB128575BSD

Tot Ion:164 Resp: 7555

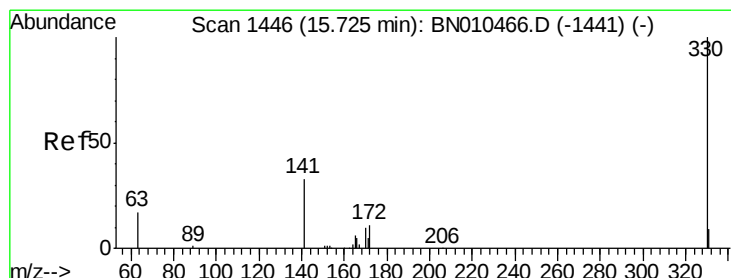
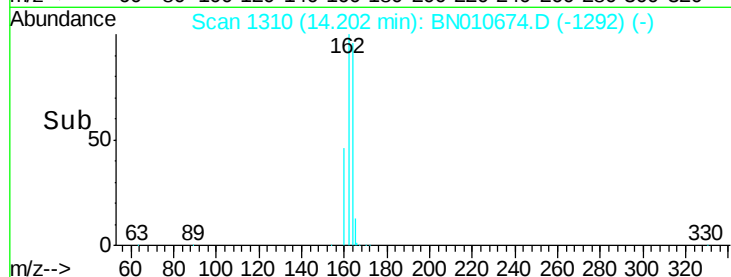
Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.6	121.0
160	48.5	36.5	54.7



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: 0.210 ng

RT: 15.72 min Scan# 1446

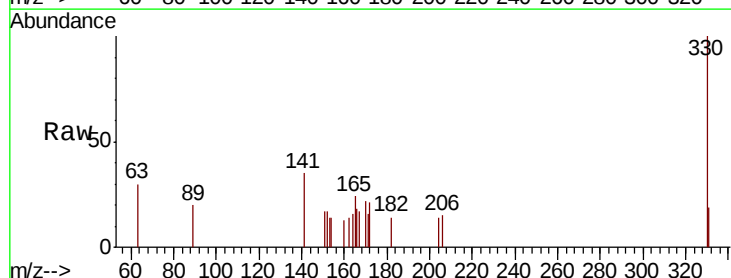
Delta R.T. 0.01 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

Tgt Ion:330 Resp: 749

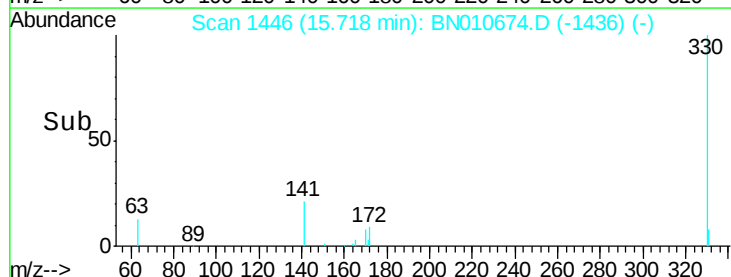
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.9	28.1	42.1

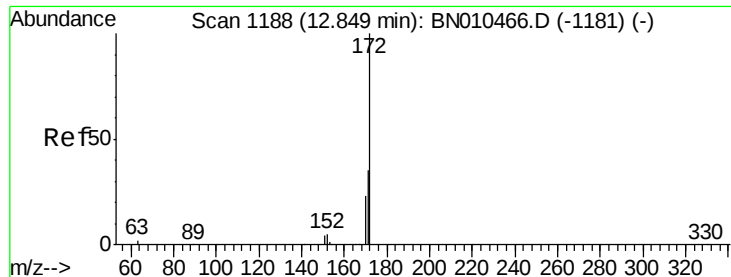


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

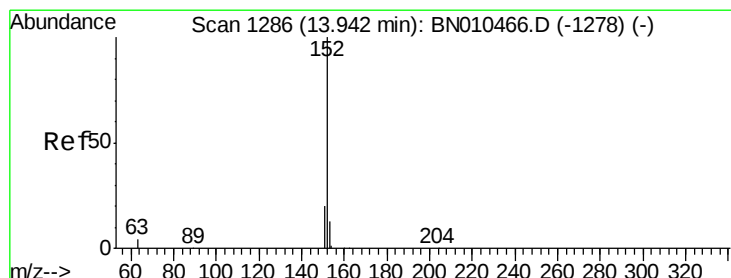
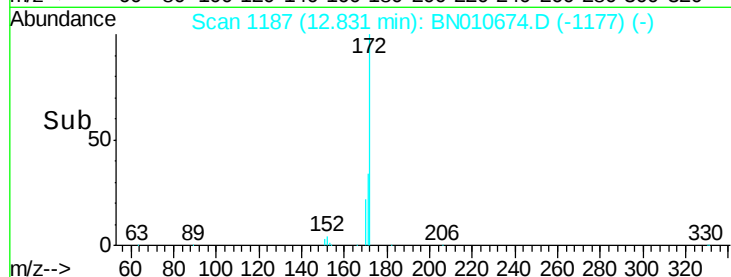
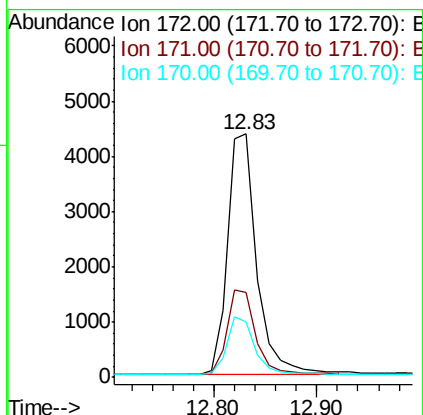
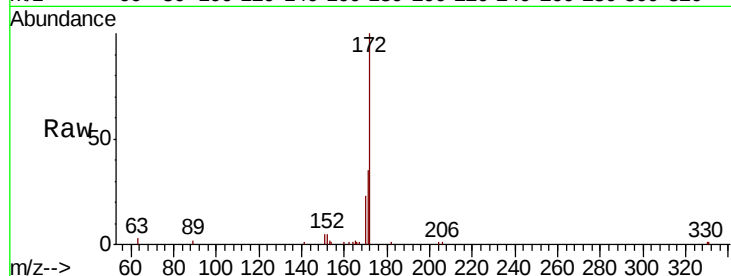




#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

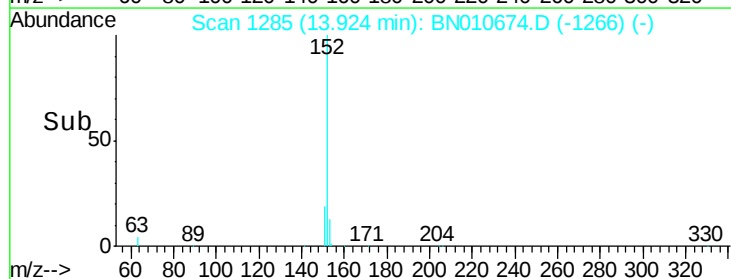
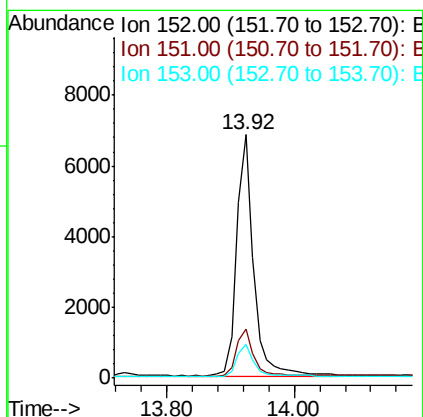
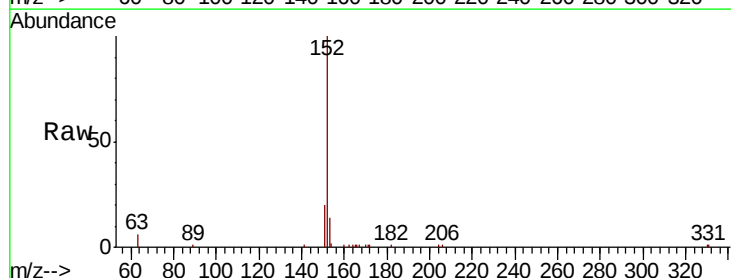
Instrument :
BNA_N
ClientSampleId :
PB128575BSD

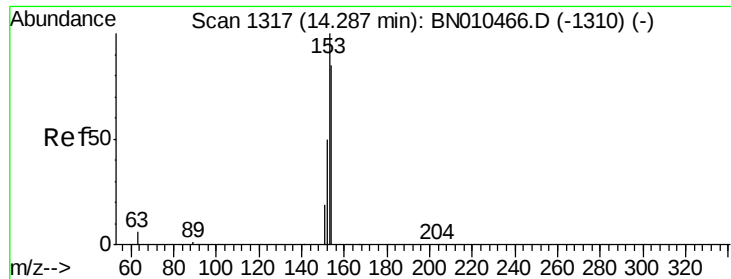
Tot Ion:172 Resp: 8603
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 22.7 18.4 27.6



#16
Acenaphthylene
Concen: 0.389 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:152 Resp: 12700
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.408 ng

RT: 14.27 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

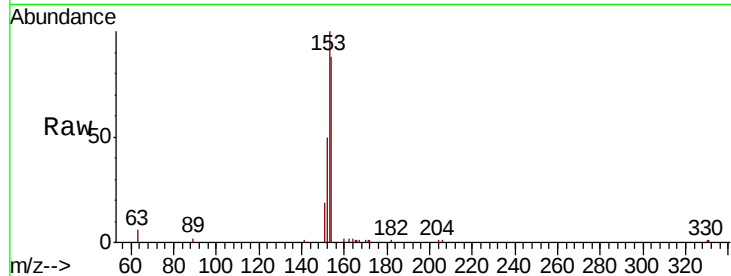
Tot Ion:154 Resp: 8565

Ion Ratio Lower Upper

154 100

153 115.0 91.0 136.4

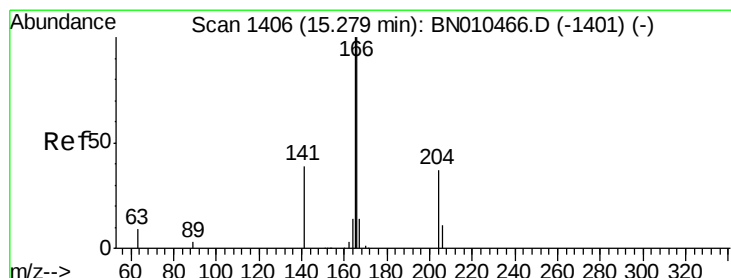
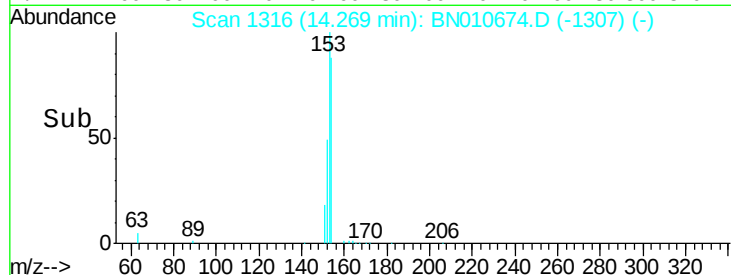
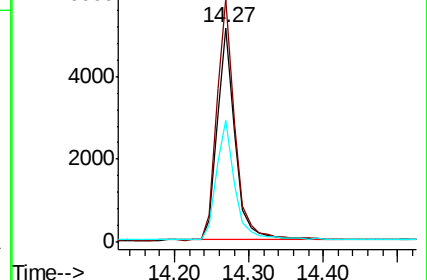
152 57.1 44.6 67.0



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: 0.417 ng

RT: 15.26 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

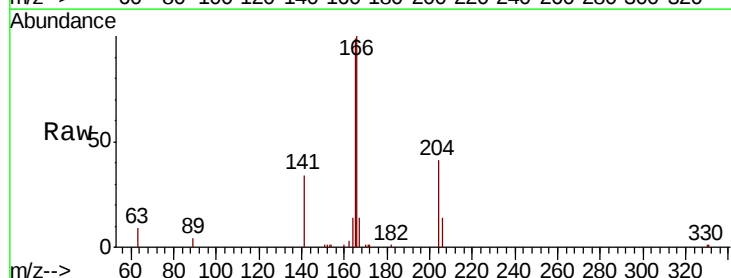
Tgt Ion:166 Resp: 11466

Ion Ratio Lower Upper

166 100

165 98.0 78.4 117.6

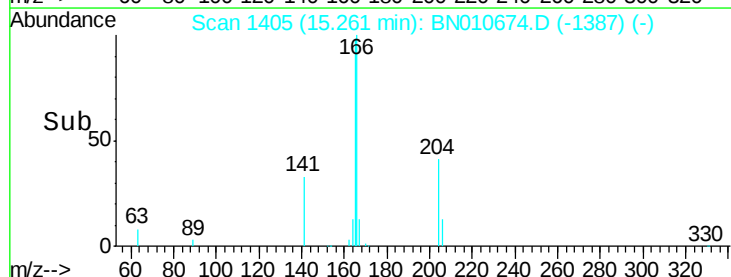
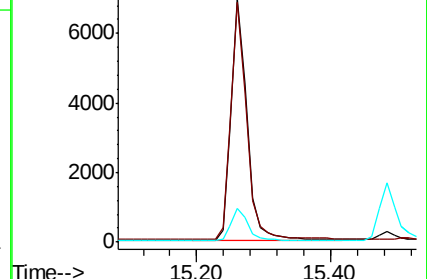
167 13.5 10.9 16.3

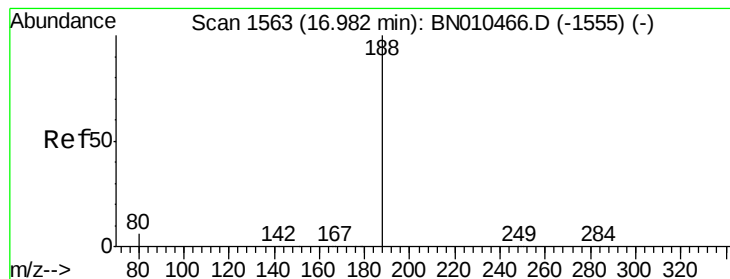


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.95 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

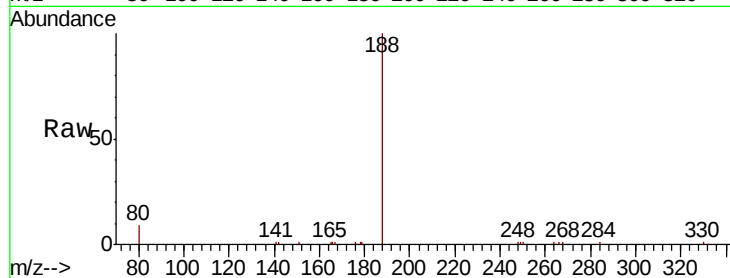
Tot Ion:188 Resp: 16207

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 5.0 7.6#



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

12000

10000

8000

6000

4000

2000

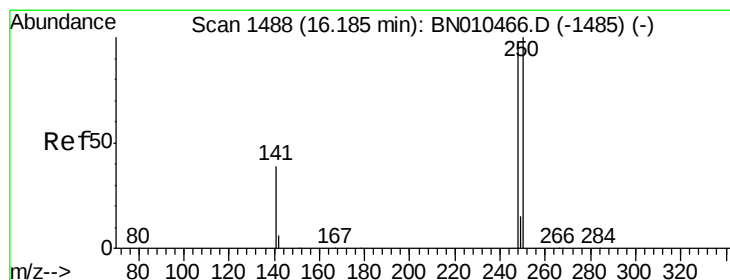
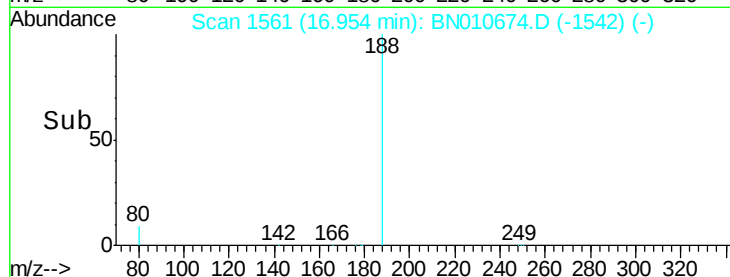
0

16.80

16.90

17.00

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.400 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

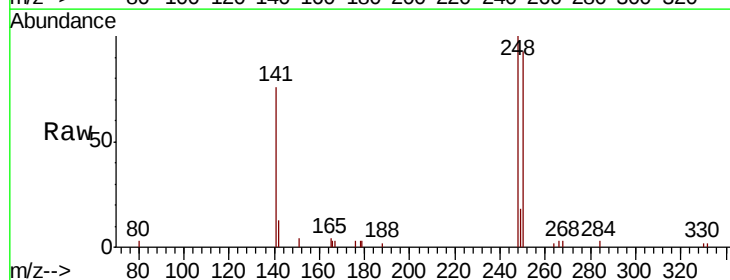
Tgt Ion:248 Resp: 3600

Ion Ratio Lower Upper

248 100

250 93.2 82.3 123.5

141 76.2 35.2 52.8#



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

3000

2500

2000

1500

1000

500

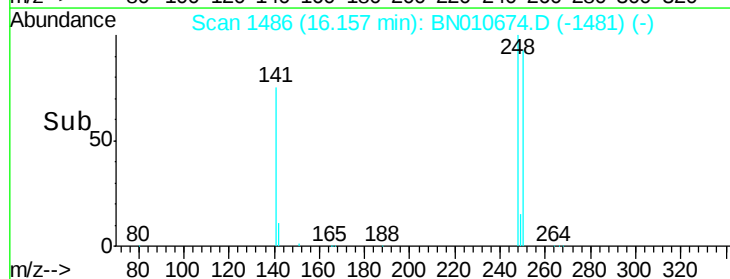
0

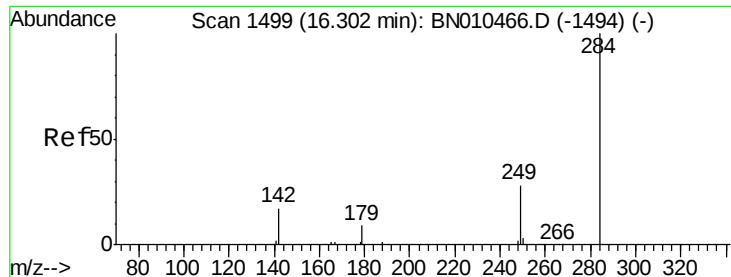
16.10

16.15

16.20

Time-->





#21

Hexachlorobenzene

Concen: 0.423 ng

RT: 16.27 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

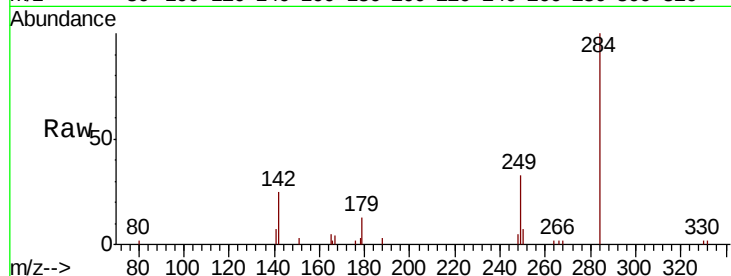
Tot Ion:284 Resp: 4350

Ion Ratio Lower Upper

284 100

142 34.1 25.5 38.3

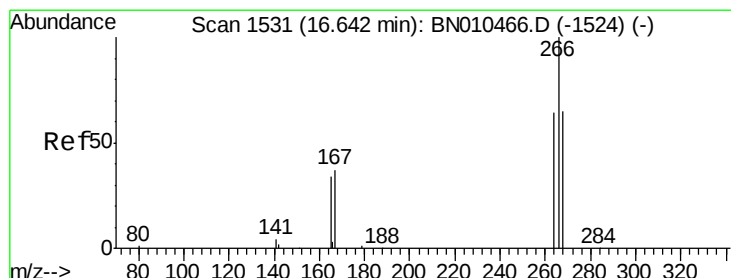
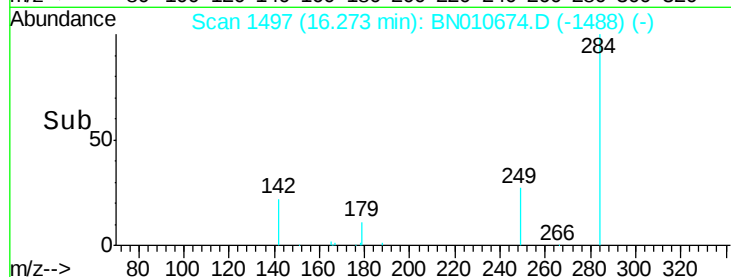
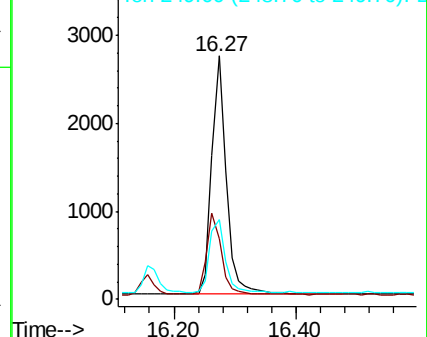
249 33.0 25.8 38.6



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: 0.723 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

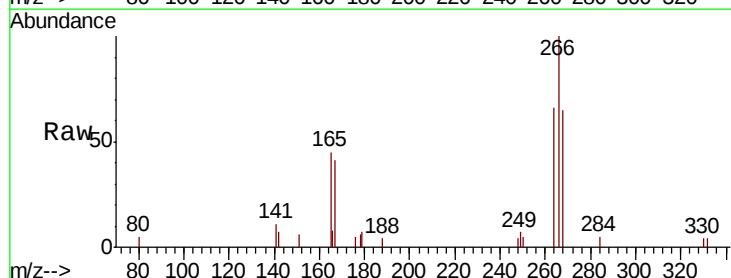
Tgt Ion:266 Resp: 2922

Ion Ratio Lower Upper

266 100

264 65.8 51.8 77.6

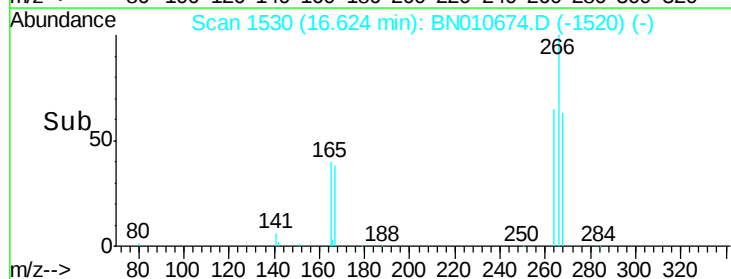
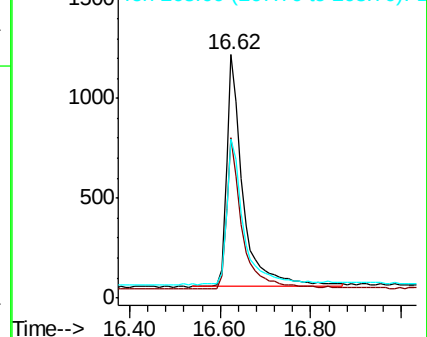
268 65.2 53.7 80.5

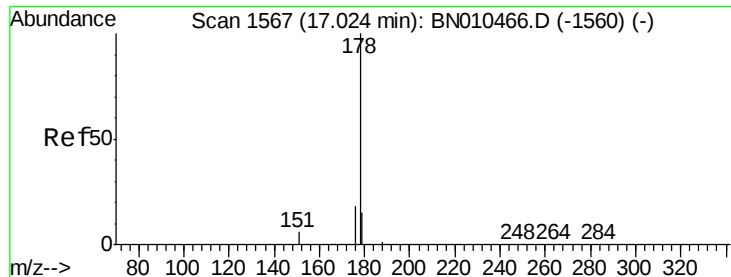


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.418 ng

RT: 17.00 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

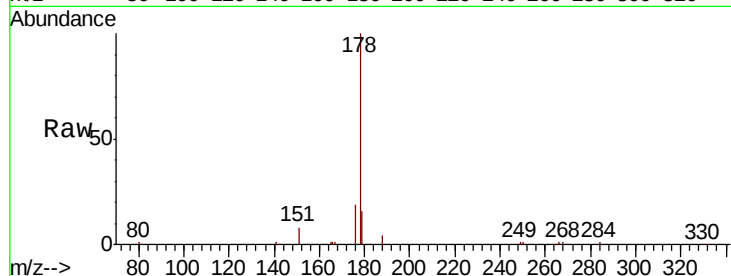
Tot Ion:178 Resp: 18300

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

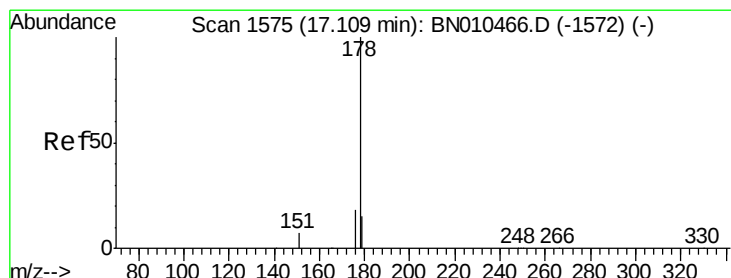
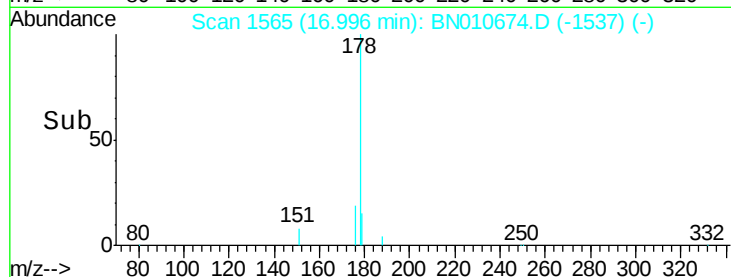
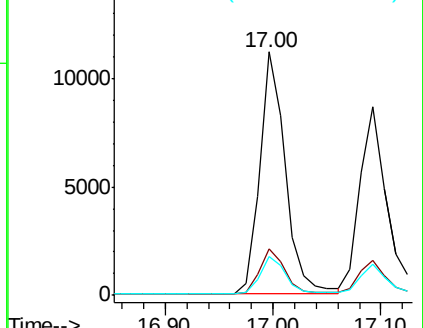
179 15.5 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

15000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.378 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

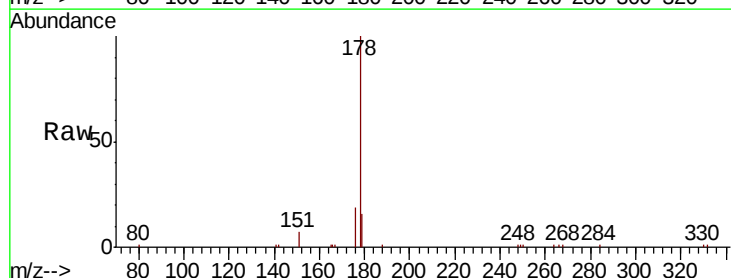
Tgt Ion:178 Resp: 15137

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

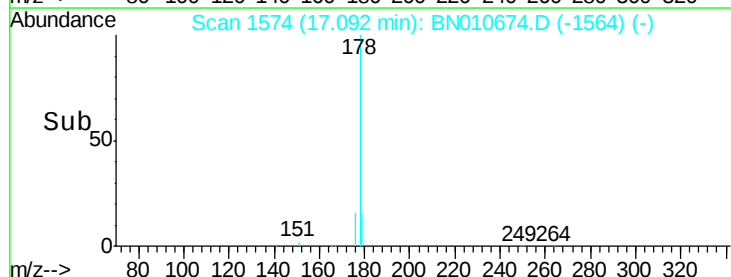
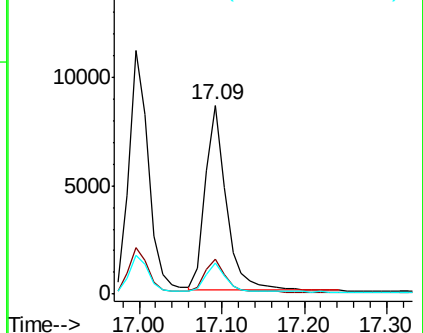
179 15.1 12.2 18.2

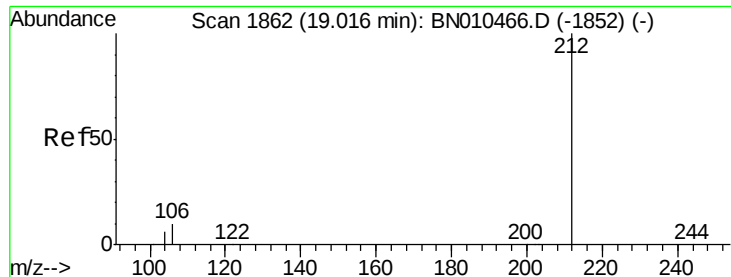


Abundance Ion 178.00 (177.70 to 178.70): E

15000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.249 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.01 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

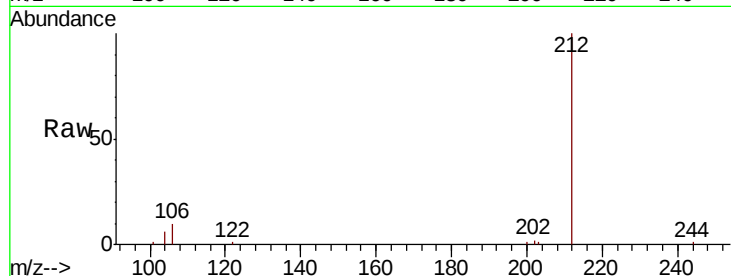
Tot Ion:212 Resp: 12238

Ion Ratio Lower Upper

212 100

106 10.0 7.8 11.6

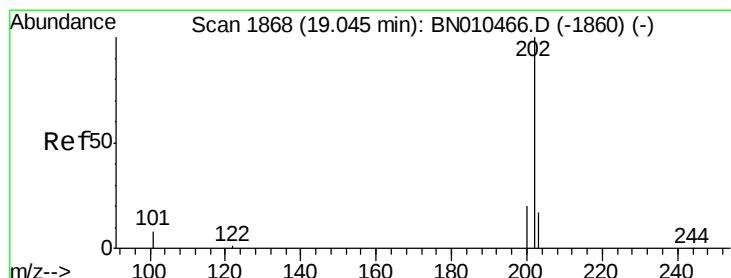
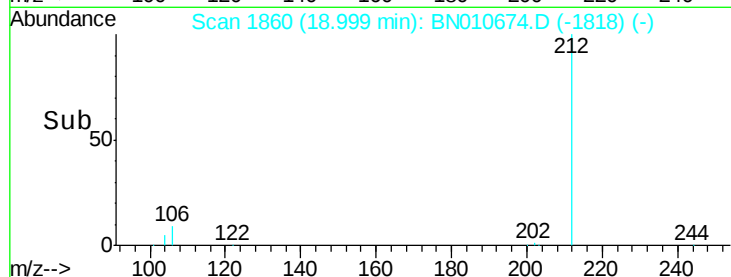
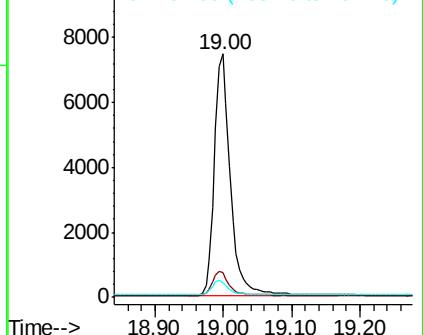
104 5.8 4.5 6.7



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: 0.352 ng

RT: 19.03 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

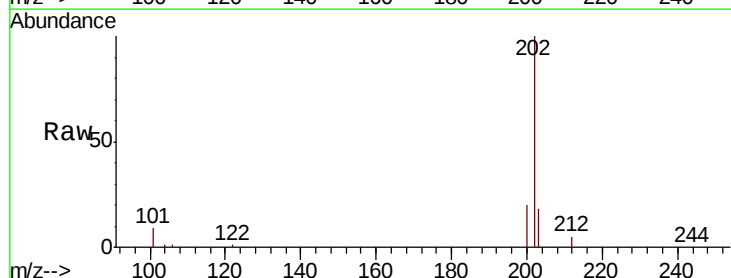
Tgt Ion:202 Resp: 19174

Ion Ratio Lower Upper

202 100

101 8.5 6.9 10.3

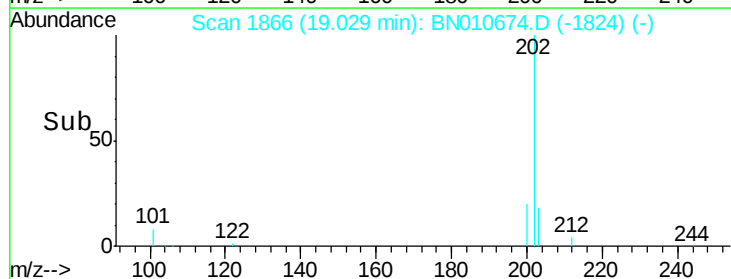
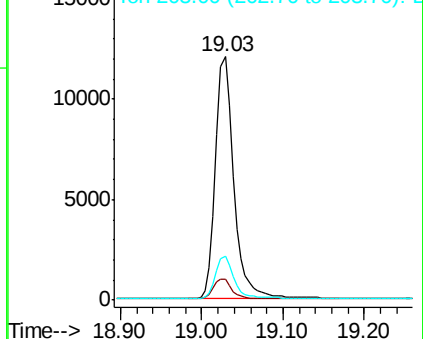
203 17.2 13.9 20.9

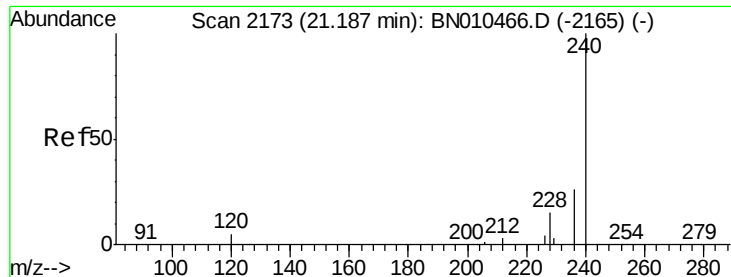


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

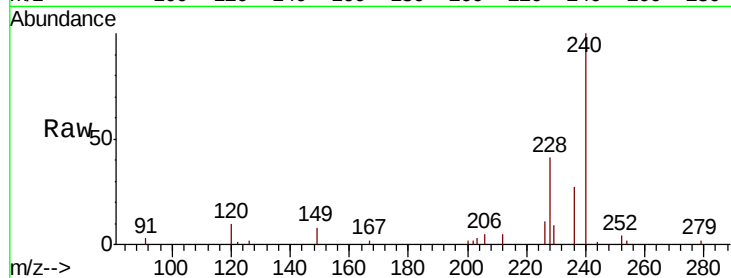
Tot Ion:240 Resp: 12211

Ion Ratio Lower Upper

240 100

120 9.5 4.8 7.2#

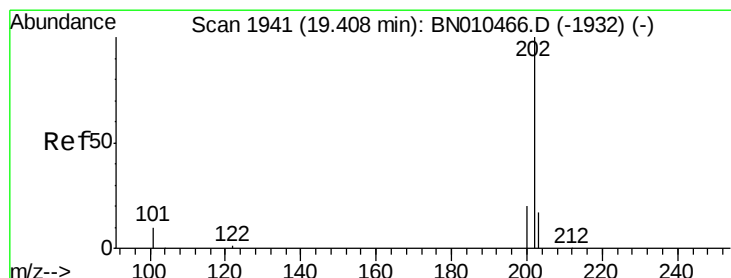
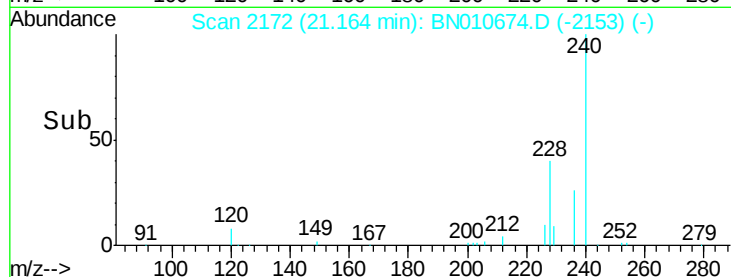
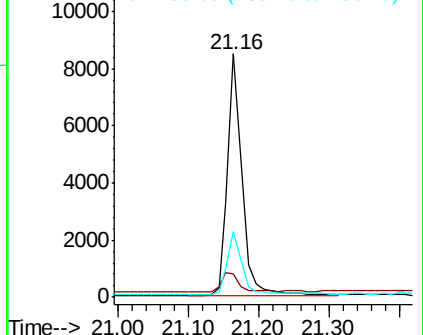
236 27.1 21.4 32.0



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: 0.459 ng

RT: 19.39 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

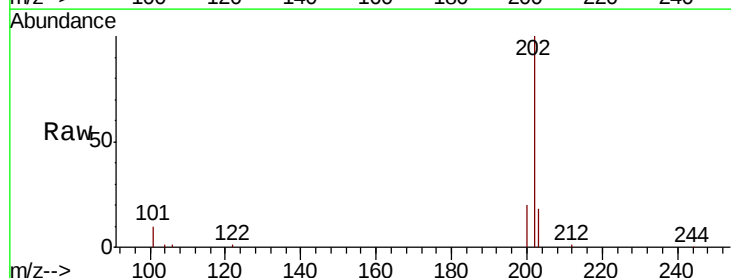
Tgt Ion:202 Resp: 18865

Ion Ratio Lower Upper

202 100

200 20.8 16.3 24.5

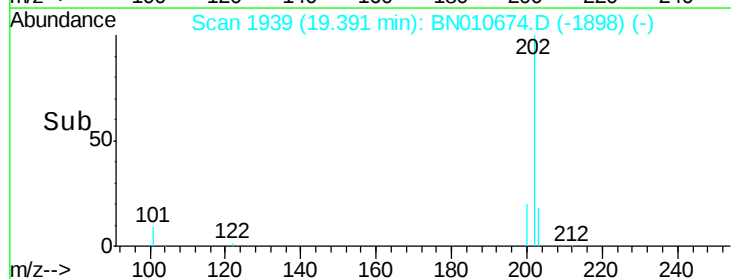
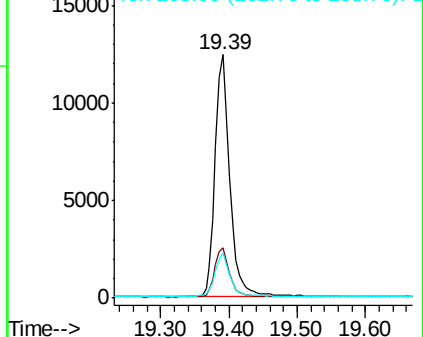
203 17.8 14.0 21.0

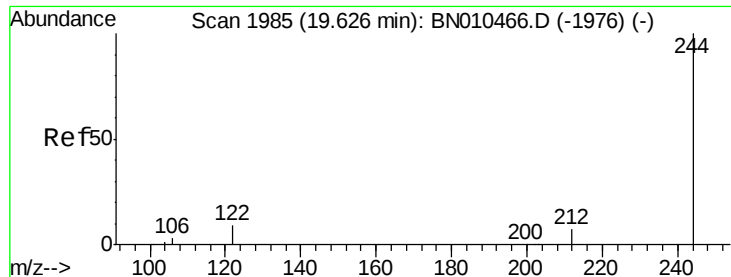


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.331 ng

RT: 19.61 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

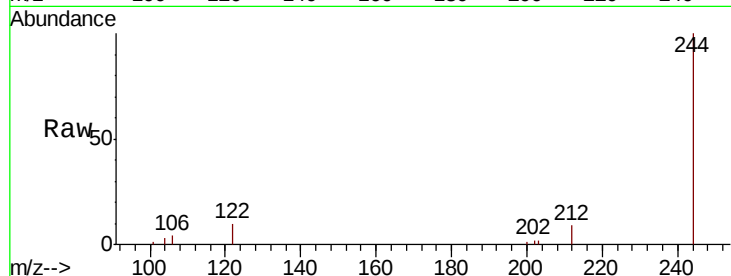
Tot Ion:244 Resp: 9239

Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.4

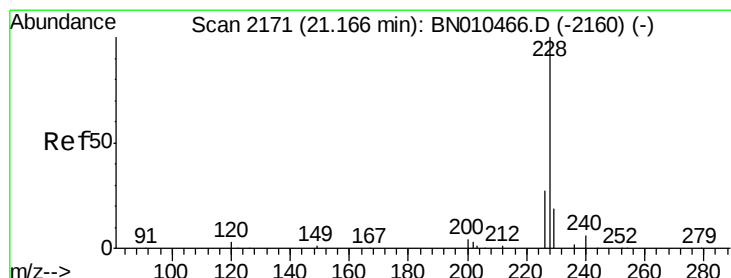
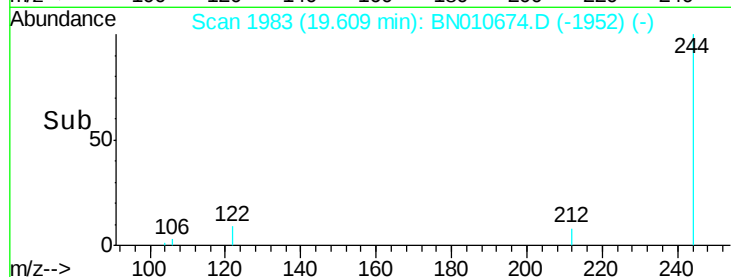
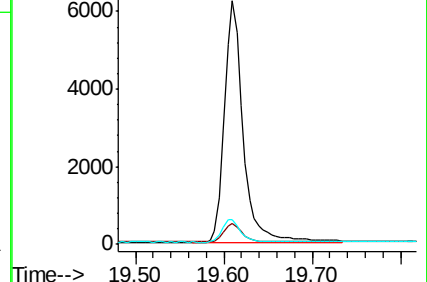
122 10.1 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.357 ng

RT: 21.15 min Scan# 2171

Delta R.T. 0.01 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

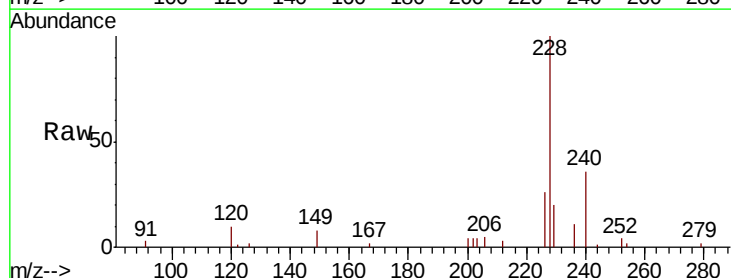
Tgt Ion:228 Resp: 14216

Ion Ratio Lower Upper

228 100

226 26.3 21.7 32.5

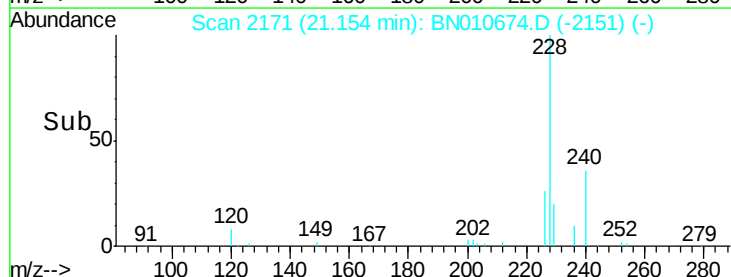
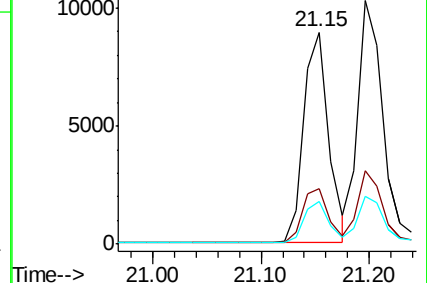
229 20.4 15.6 23.4

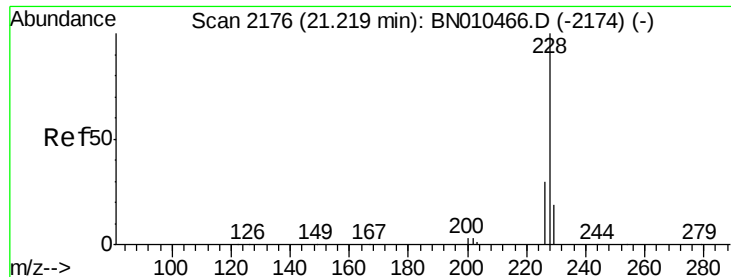


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.414 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

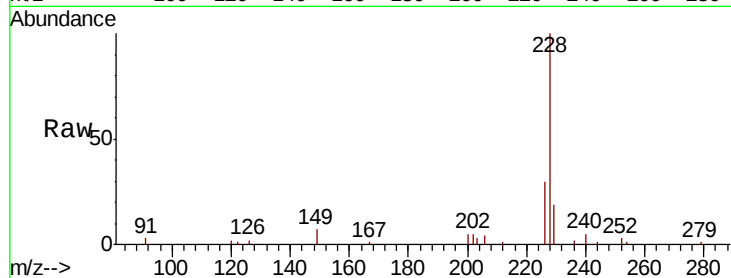
Tot Ion:228 Resp: 16418

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

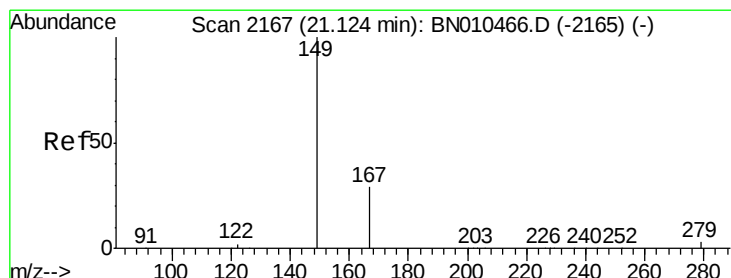
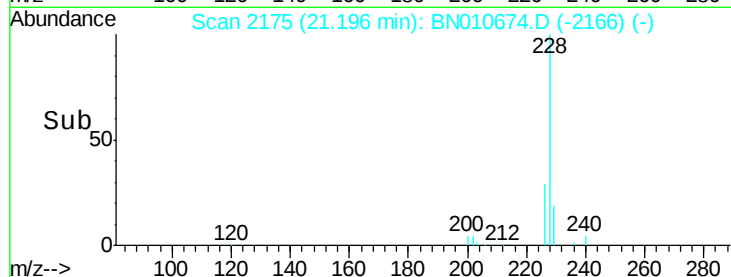
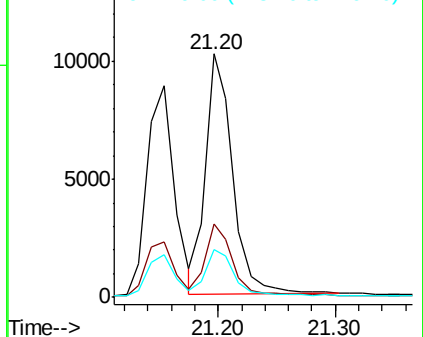
229 19.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.311 ng

RT: 21.10 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

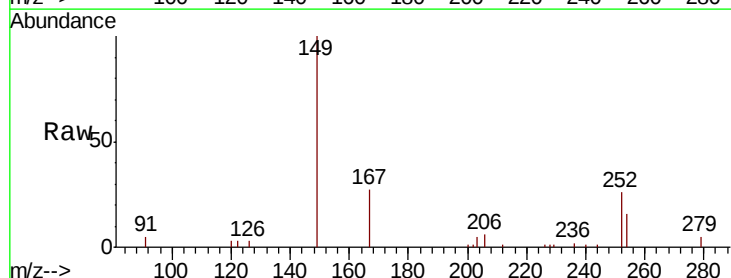
Tgt Ion:149 Resp: 6347

Ion Ratio Lower Upper

149 100

167 27.7 23.4 35.0

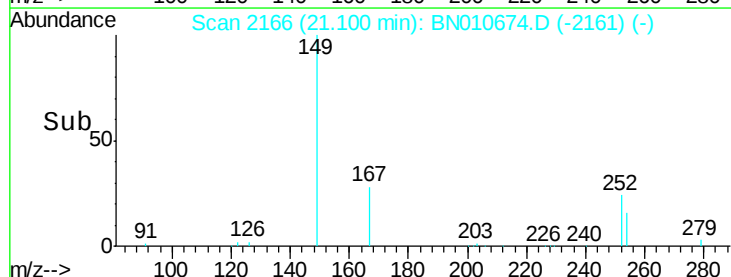
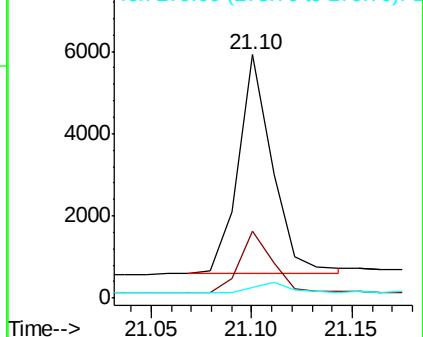
279 4.9 4.0 6.0

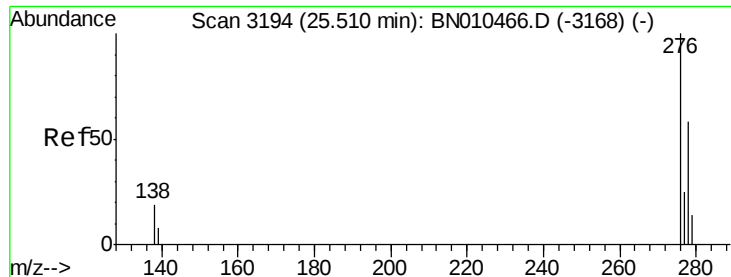


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.450 ng

RT: 25.47 min Scan# 3185

Delta R.T. 0.01 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

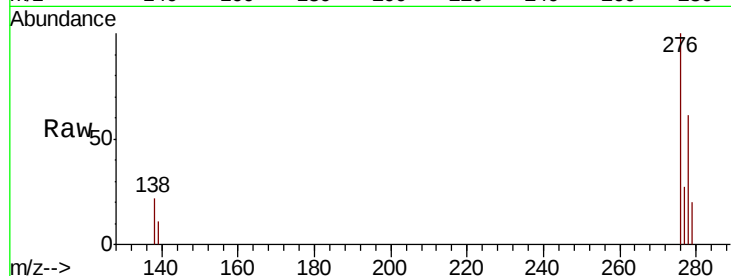
Tot Ion:276 Resp: 15805

Ion Ratio Lower Upper

276 100

138 20.2 16.4 24.6

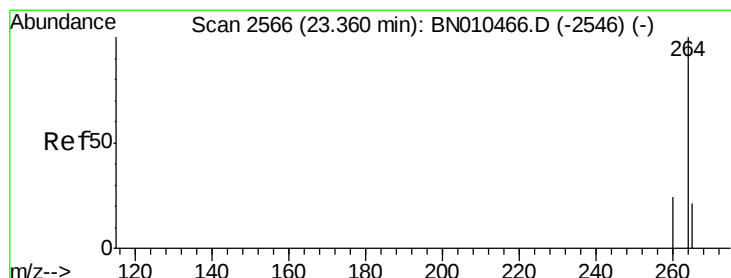
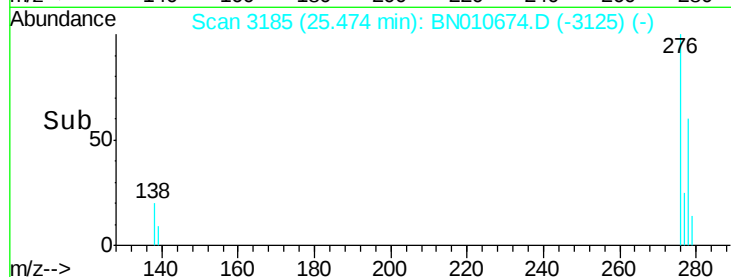
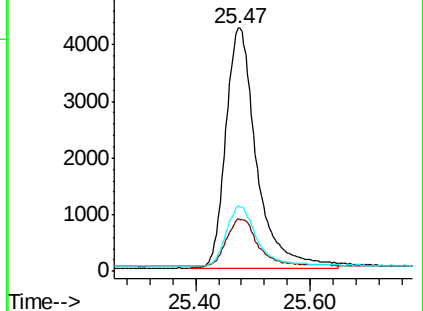
277 24.9 19.8 29.6



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: 23.33 min Scan# 2559

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

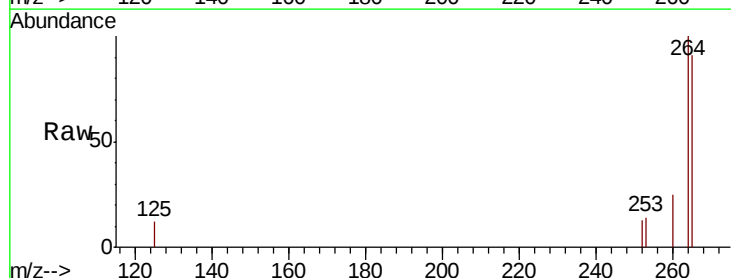
Tgt Ion:264 Resp: 10652

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.8

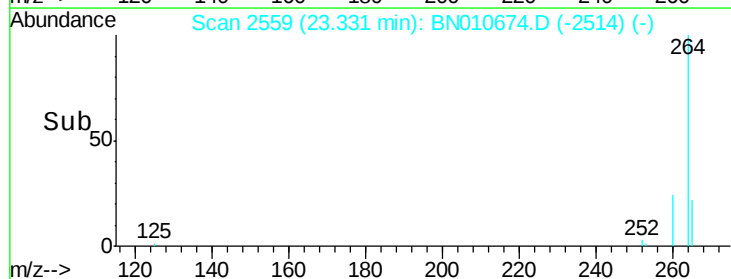
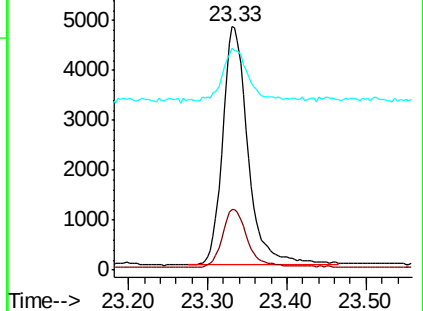
265 91.2 42.3 63.5#

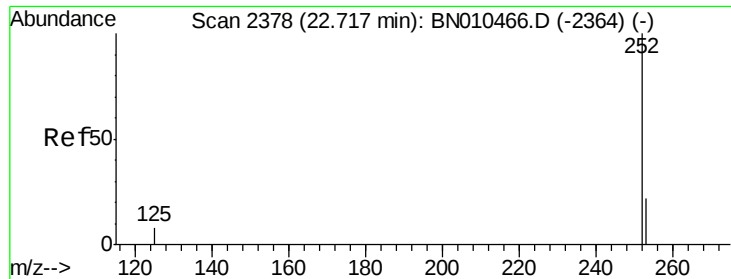


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

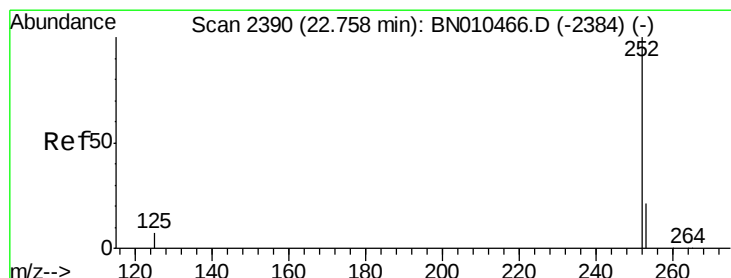
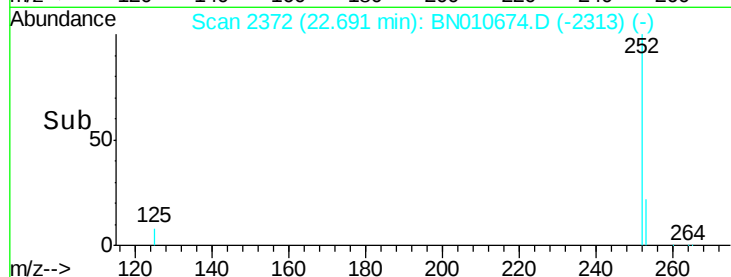
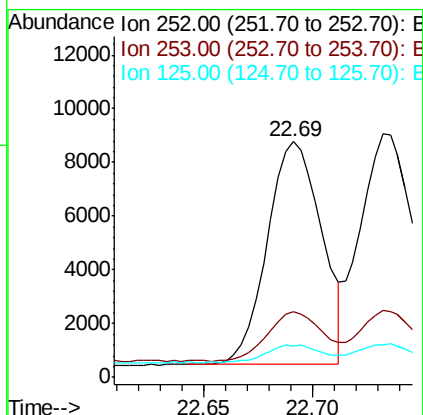
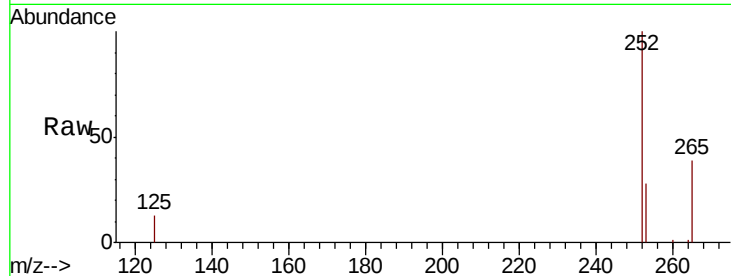




#35
Benzo(b)fluoranthene
Concen: 0.411 ng
RT: 22.69 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

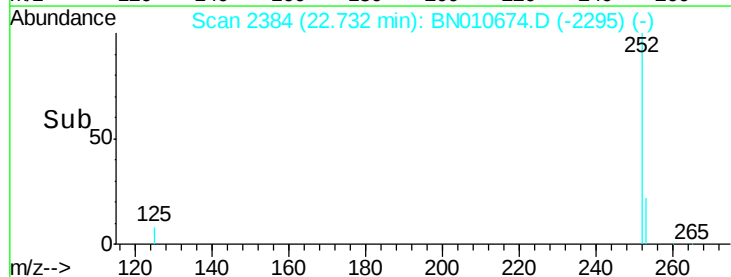
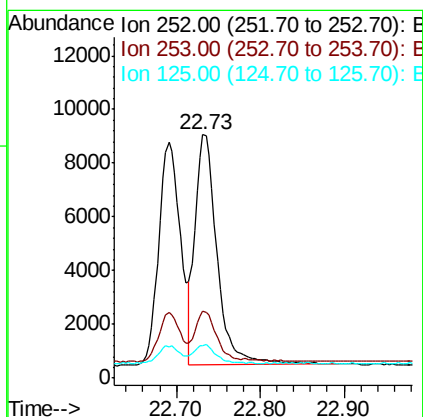
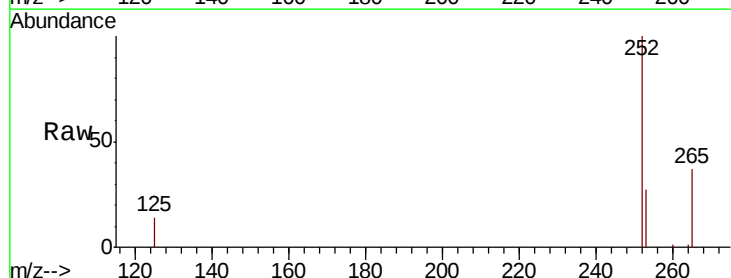
Instrument :
BNA_N
ClientSampleId :
PB128575BSD

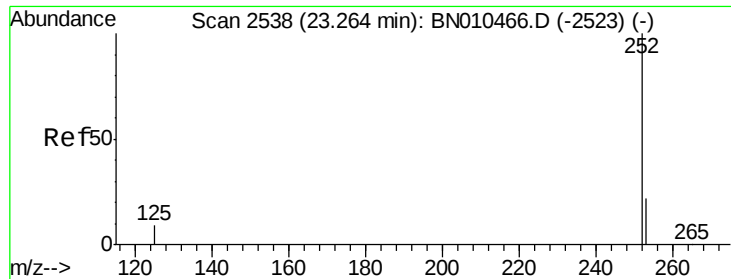
Tot Ion:252 Resp: 14428
Ion Ratio Lower Upper
252 100
253 27.7 20.2 30.4
125 13.5 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.446 ng
RT: 22.73 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BN010674.D
Acq: 30 Apr 2020 15:02

Tgt Ion:252 Resp: 15665
Ion Ratio Lower Upper
252 100
253 27.5 20.1 30.1
125 13.5 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.418 ng

RT: 23.24 min Scan# 2532

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

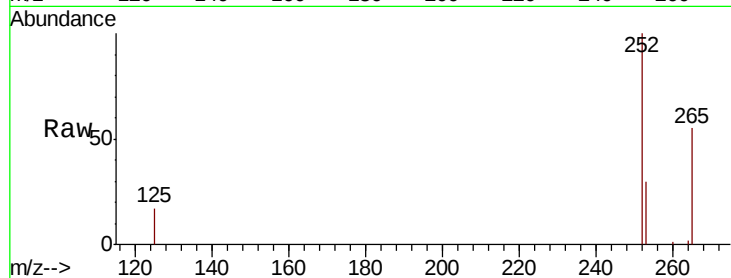
Tot Ion:252 Resp: 12962

Ion Ratio Lower Upper

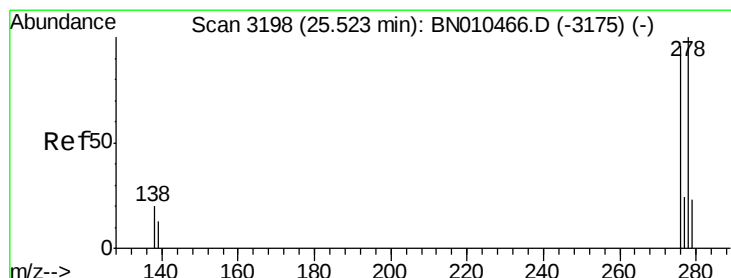
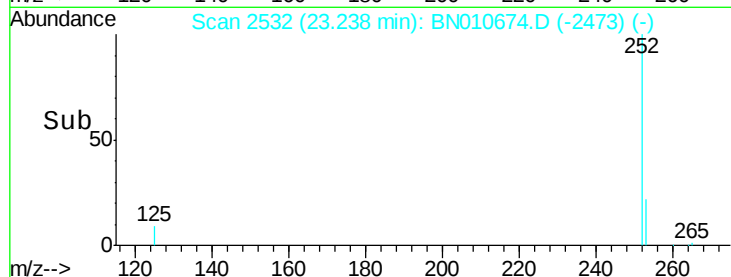
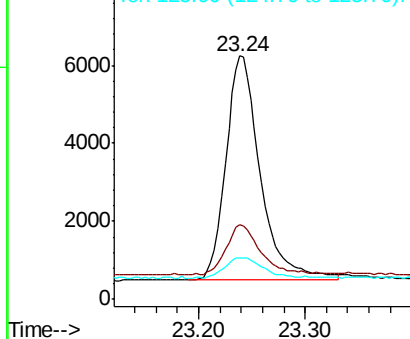
252 100

253 30.4 21.8 32.8

125 16.9 11.0 16.6#



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: 0.457 ng

RT: 25.49 min Scan# 3190

Delta R.T. 0.01 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

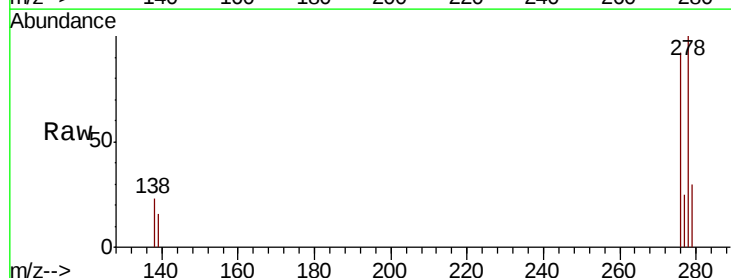
Tgt Ion:278 Resp: 12959

Ion Ratio Lower Upper

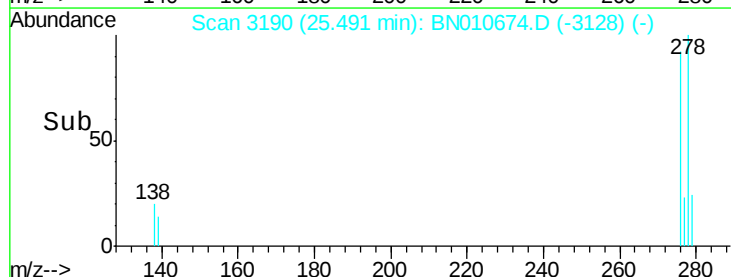
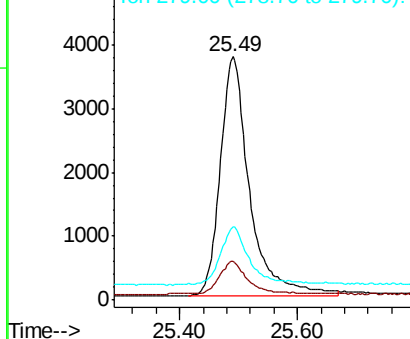
278 100

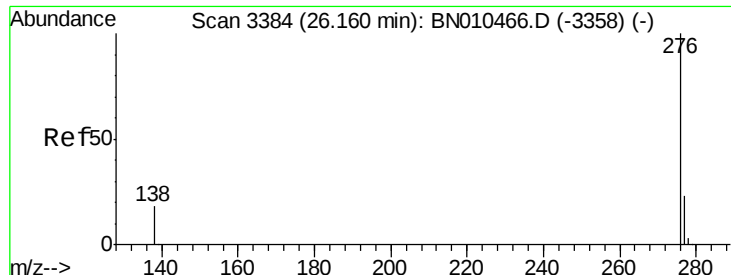
139 16.0 12.3 18.5

279 30.2 21.9 32.9



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: 0.499 ng

RT: 26.11 min Scan# 3371

Delta R.T. 0.00 min

Lab File: BN010674.D

Acq: 30 Apr 2020 15:02

Instrument :

BNA_N

ClientSampleId :

PB128575BSD

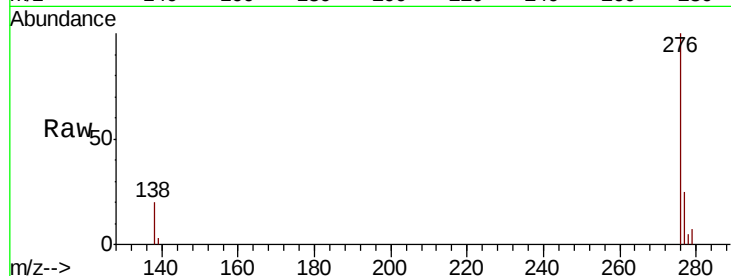
Tot Ion:276 Resp: 14259

Ion Ratio Lower Upper

276 100

277 25.1 20.2 30.2

138 20.3 15.4 23.2



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

