

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011520\
 Data File : BN009376.D
 Acq On : 15 Jan 2020 12:59
 Operator : JU
 Sample : K3591-02
 Misc : L00-S-0.1NG
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 15 16:13:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 15 16:07:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1371	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	4569	0.40	ng	0.01
13) Acenaphthene-d10	14.11	164	3056	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	6762	0.40	ng	0.00
27) Chrysene-d12	21.07	240	5879	0.40	ng	0.00
34) Perylene-d12	23.19	264	6003	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1180	0.37	ng	0.00
5) Phenol-d6	6.69	99	1267	0.35	ng	0.00
8) Nitrobenzene-d5	8.66	82	1176	0.32	ng	0.03
11) 2-Methylnaphthalene-d10	11.85	152	2739	0.31	ng	0.01
14) 2,4,6-Tribromophenol	15.63	330	376	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.74	172	3950	0.35	ng	0.02
25) Fluoranthene-d10	18.90	212	7063	0.30	ng	0.00
29) Terphenyl-d14	19.52	244	5592	0.40	ng	0.00

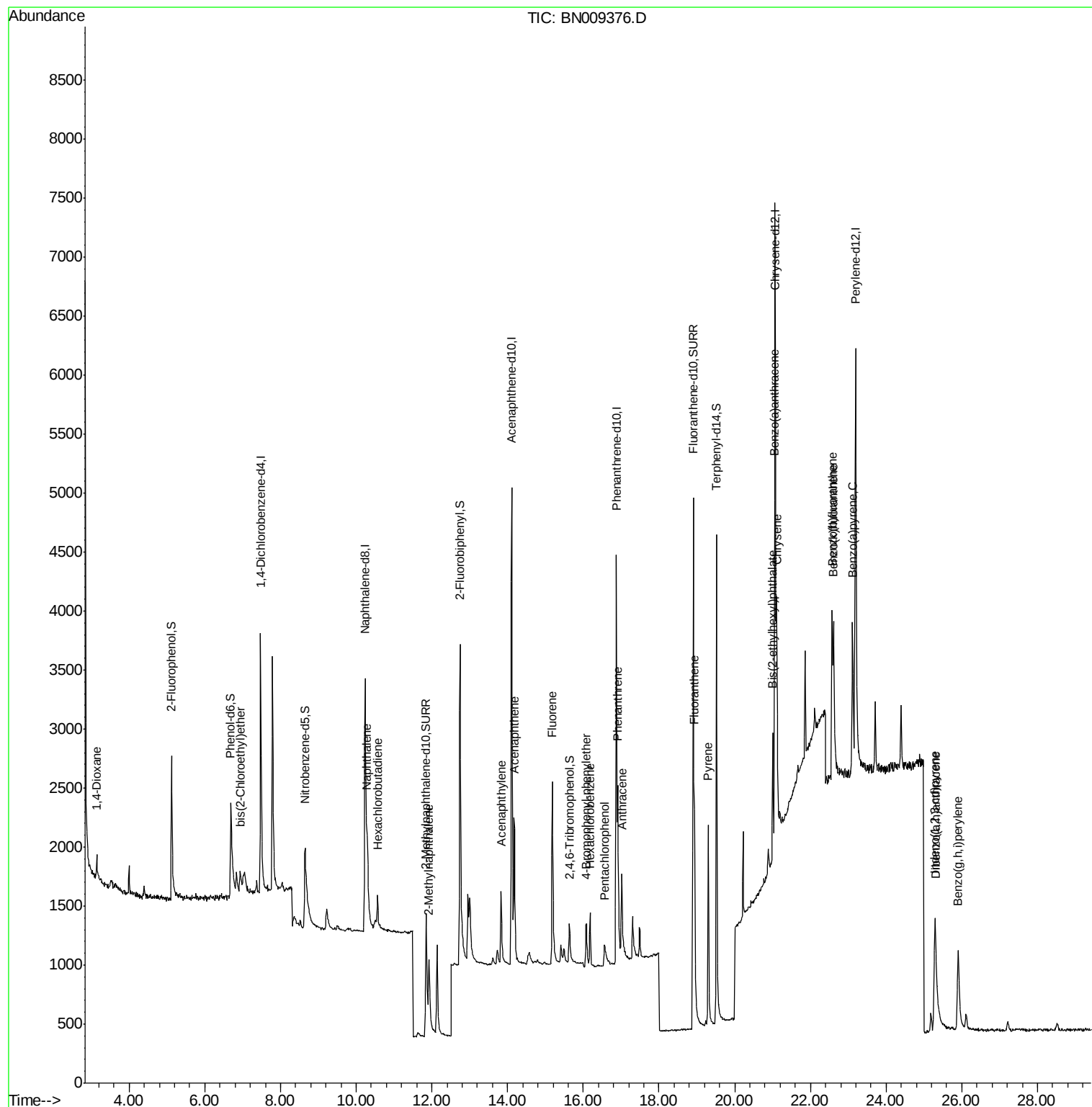
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	131	0.092	ng	94
6) bis(2-Chloroethyl)ether	6.94	93	304	0.081	ng	# 79
9) Naphthalene	10.29	128	1110	0.090	ng	# 80
10) Hexachlorobutadiene	10.57	225	224	0.083	ng	# 99
12) 2-Methylnaphthalene	11.92	142	741	0.086	ng	# 93
16) Acenaphthylene	13.83	152	990	0.075	ng	98
17) Acenaphthene	14.17	154	771	0.083	ng	98
18) Fluorene	15.18	166	990	0.082	ng	99
20) 4-Bromophenyl-phenylether	16.08	248	303	0.074	ng	97
21) Hexachlorobenzene	16.18	284	365	0.084	ng	98
22) Pentachlorophenol	16.56	266	230	0.189	ng	94
23) Phenanthrene	16.91	178	1625	0.080	ng	98
24) Anthracene	17.02	178	1306	0.077	ng	98
26) Fluoranthene	18.93	202	2014	0.085	ng	100
28) Pyrene	19.30	202	2023	0.091	ng	99
30) Benzo(a)anthracene	21.06	228	1631	0.084	ng	93
31) Chrysene	21.11	228	1884	0.085	ng	95
32) Bis(2-ethylhexyl)phthalate	21.00	149	756	0.088	ng	99
33) Indeno(1,2,3-cd)pyrene	25.29	276	1784	0.078	ng	98
35) Benzo(b)fluoranthene	22.57	252	1726	0.078	ng	# 57
36) Benzo(k)fluoranthene	22.61	252	2237	0.092	ng	# 61
37) Benzo(a)pyrene	23.12	252	1702	0.088	ng	# 1
38) Dibenzo(a,h)anthracene	25.30	278	1436	0.073	ng	# 56
39) Benzo(g,h,i)perylene	25.91	276	1859	0.086	ng	# 85

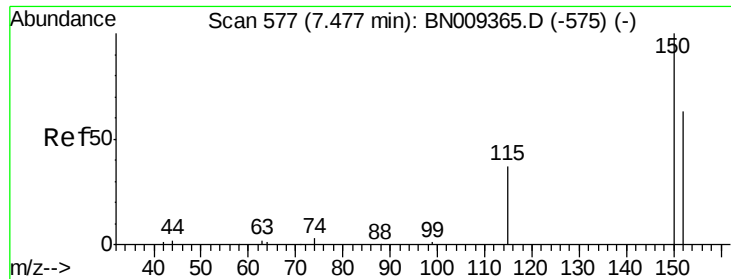
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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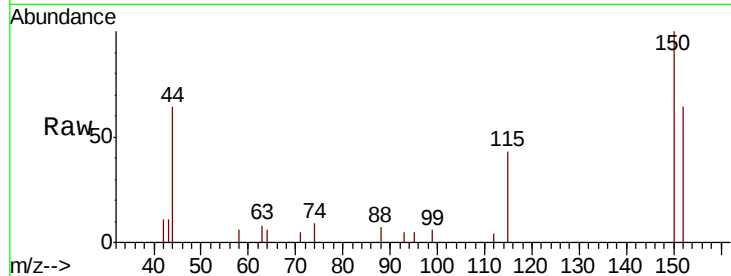


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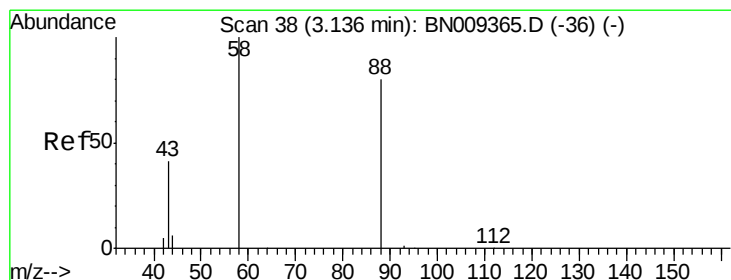
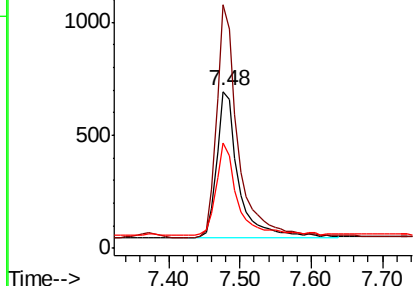
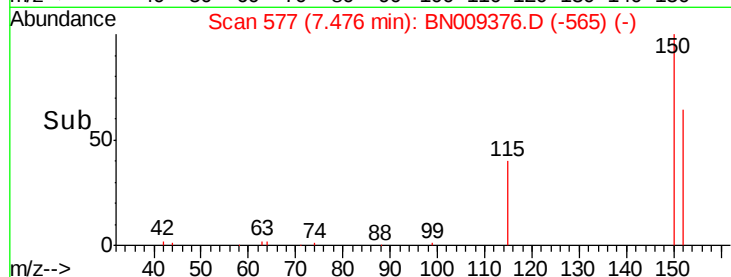
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009376.D
Acq: 15 Jan 2020 12:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1371
Ion Ratio Lower Upper
152 100
150 155.3 125.7 188.5
115 67.1 53.3 79.9



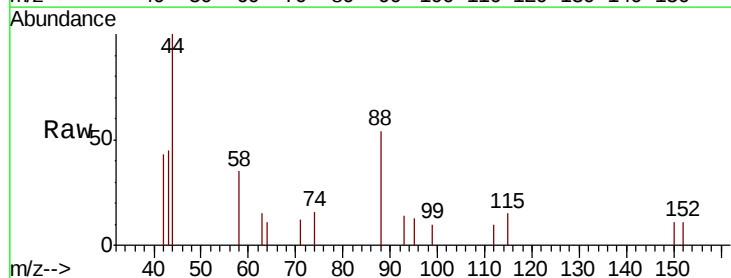
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



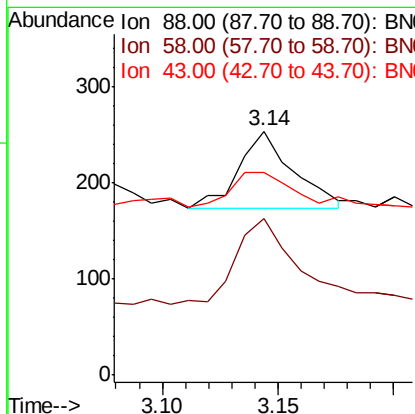
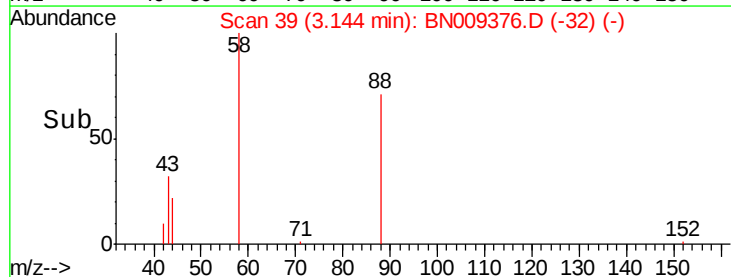
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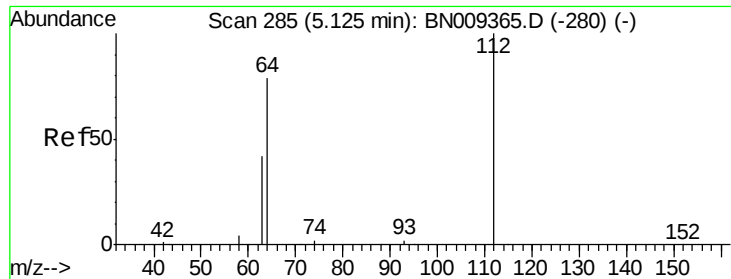
1,4-Dioxane
Concen: 0.092 ng
RT: 3.14 min Scan# 39
Delta R.T. 0.01 min
Lab File: BN009376.D
Acq: 15 Jan 2020 12:59

Tgt Ion: 88 Resp: 131
Ion Ratio Lower Upper
88 100
58 121.4 100.2 150.2
43 45.8 43.1 64.7



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

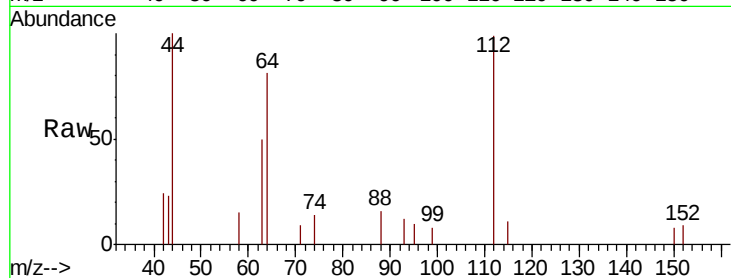




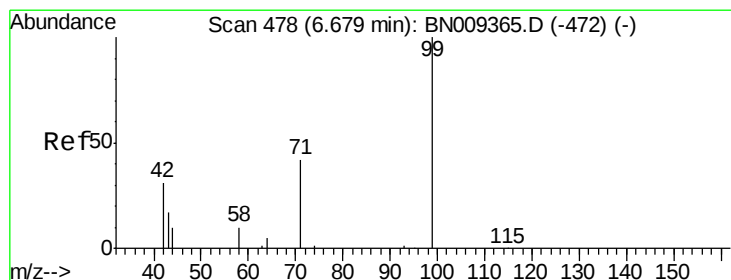
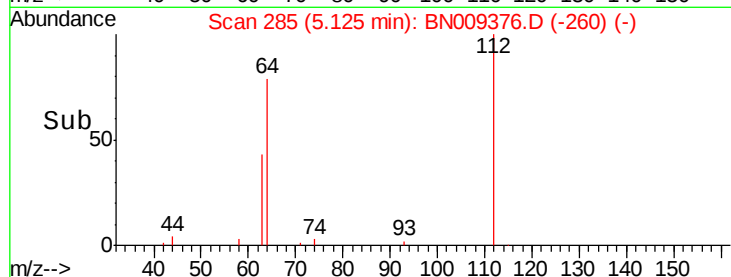
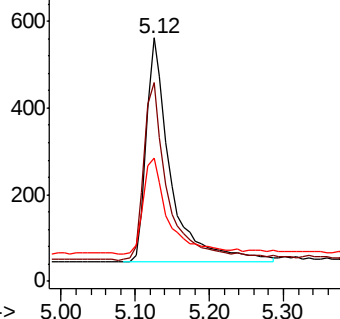
#4
 2-Fluorophenol
 Concen: 0.374 ng
 RT: 5.12 min Scan# 285
 Delta R.T. -0.00 min
 Lab File: BN009376.D
 Acq: 15 Jan 2020 12:59

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	112	Resp:	1180
Ion	Ratio	Lower	Upper
112	100		
64	79.9	61.5	92.3
63	43.5	35.0	52.4

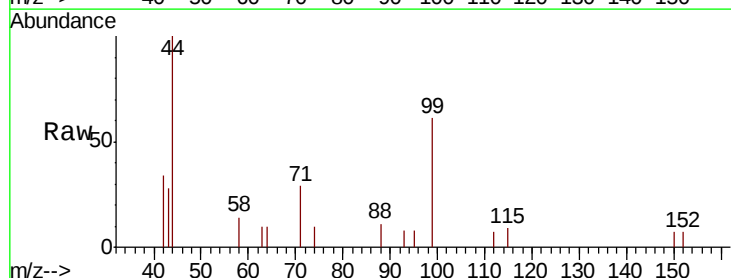


Abundance Ion 112.00 (111.70 to 112.70): BNC
 Ion 64.00 (63.70 to 64.70): BNC
 Ion 63.00 (62.70 to 63.70): BNC

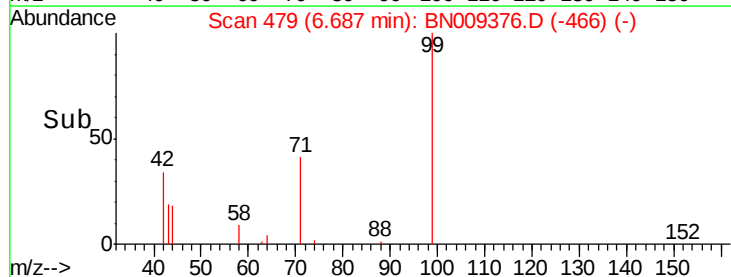
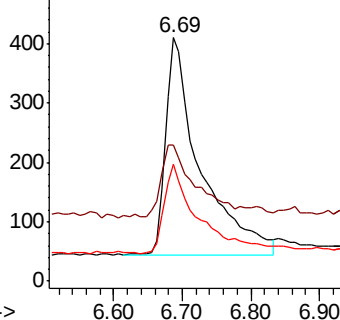


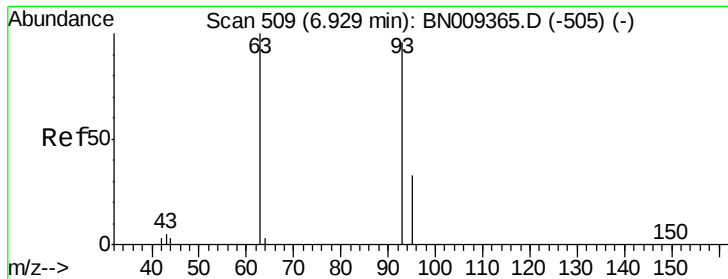
#5
 Phenol-d6
 Concen: 0.347 ng
 RT: 6.69 min Scan# 479
 Delta R.T. 0.01 min
 Lab File: BN009376.D
 Acq: 15 Jan 2020 12:59

Tgt Ion:	99	Resp:	1267
Ion	Ratio	Lower	Upper
99	100		
42	35.2	27.6	41.4
71	41.1	33.0	49.6



Abundance Ion 99.00 (98.70 to 99.70): BNC
 Ion 42.00 (41.70 to 42.70): BNC
 Ion 71.00 (70.70 to 71.70): BNC



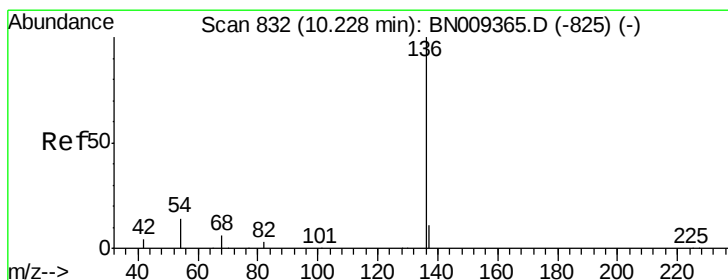
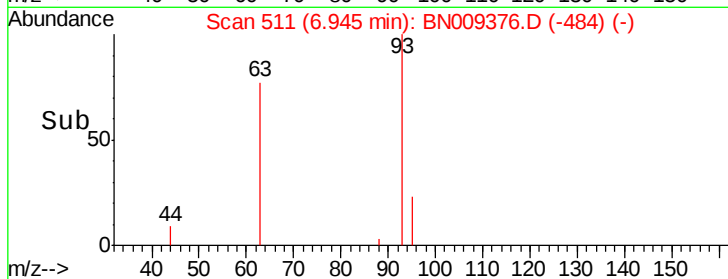
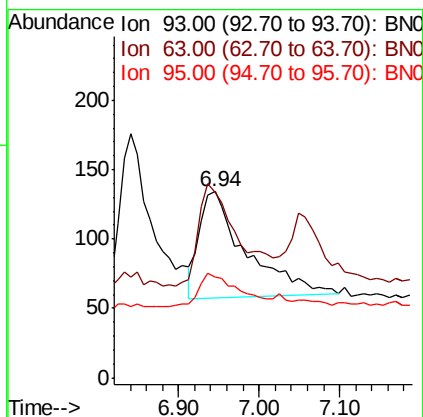
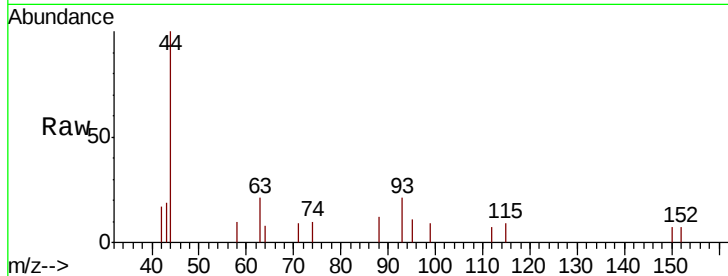


#6

bis(2-Chloroethyl)ether
Concen: 0.081 ng
RT: 6.94 min Scan# 511
Delta R.T. 0.02 min
Lab File: BN009376.D
Acq: 15 Jan 2020 12:59

Instrument :
BNA_N
ClientSampleId :

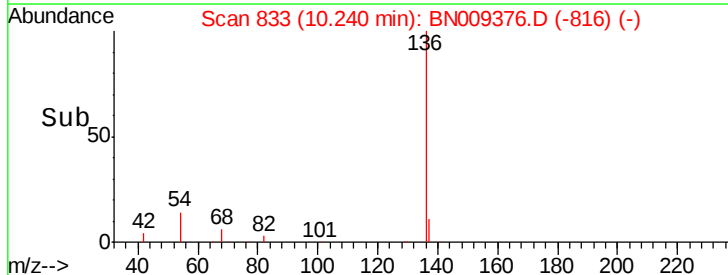
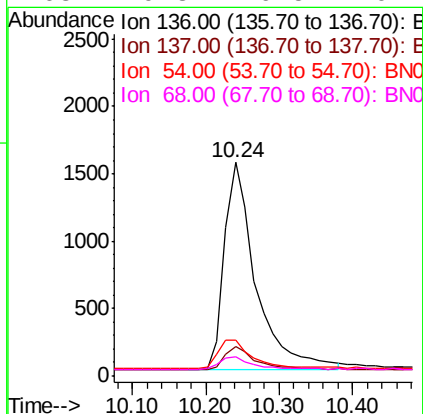
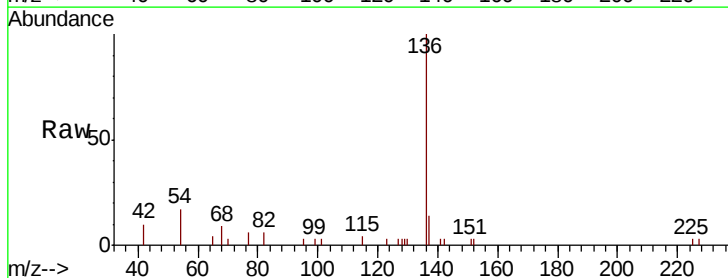
Tot Ion: 93 Resp: 304
Ion Ratio Lower Upper
93 100
63 83.6 85.1 127.7#
95 27.0 30.2 45.4#

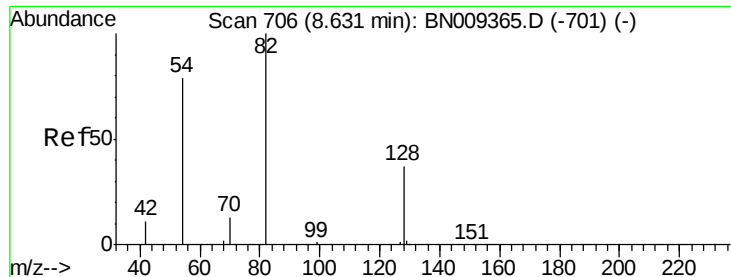


#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.24 min Scan# 833
Delta R.T. 0.01 min
Lab File: BN009376.D
Acq: 15 Jan 2020 12:59

Tgt Ion: 136 Resp: 4569
Ion Ratio Lower Upper
136 100
137 13.6 10.3 15.5
54 16.8 12.6 19.0
68 9.3 6.5 9.7





#8

Nitrobenzene-d5

Concen: 0.323 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.03 min

Lab File: BN009376.D

Acq: 15 Jan 2020 12:59

Instrument :

BNA_N

ClientSampleId :

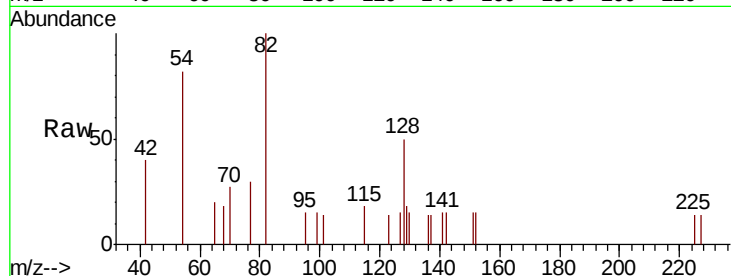
Tot Ion: 82 Resp: 1176

Ion Ratio Lower Upper

82 100

128 49.7 34.8 52.2

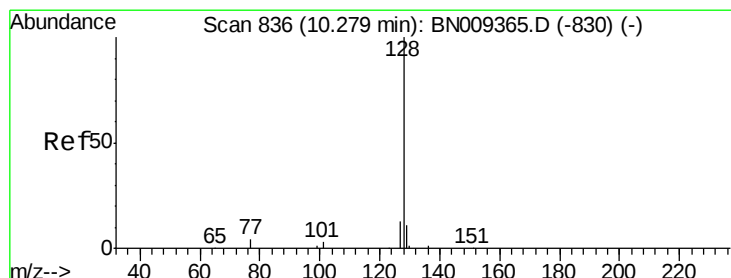
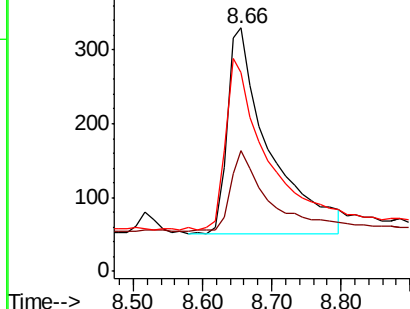
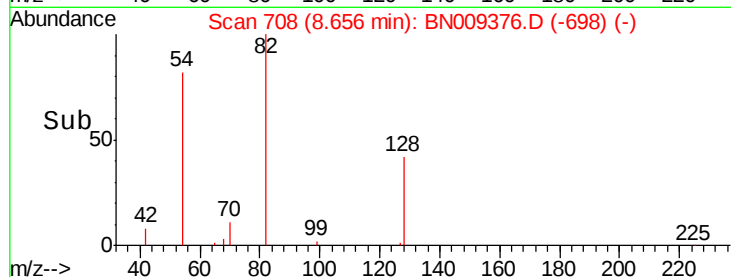
54 81.8 65.8 98.6



Abundance Ion 82.00 (81.70 to 82.70): BN009365.D (-701) (-)

Ion 128.00 (127.70 to 128.70): BN009365.D (-701) (-)

Ion 54.00 (53.70 to 54.70): BN009365.D (-701) (-)



#9

Naphthalene

Concen: 0.090 ng

RT: 10.29 min Scan# 837

Delta R.T. 0.01 min

Lab File: BN009376.D

Acq: 15 Jan 2020 12:59

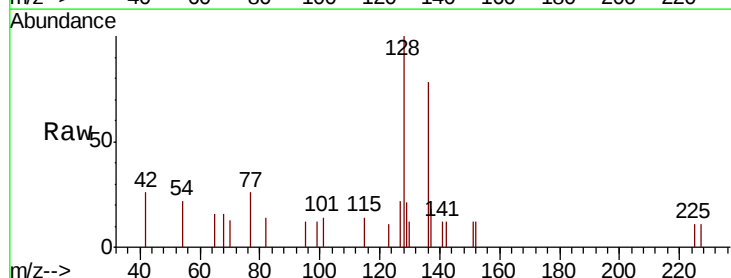
Tgt Ion: 128 Resp: 1110

Ion Ratio Lower Upper

128 100

129 21.4 10.4 15.6#

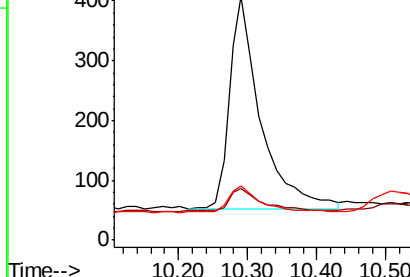
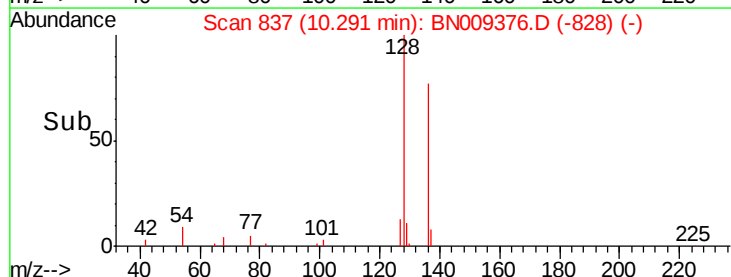
127 22.4 11.4 17.2#

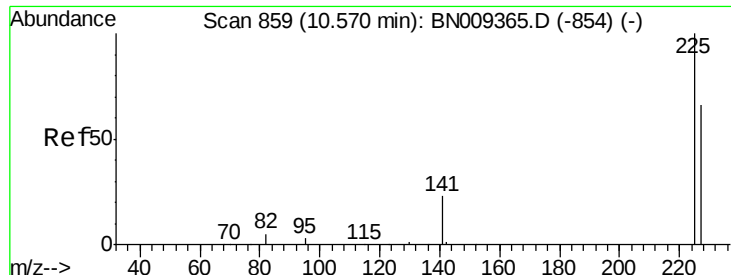


Abundance Ion 128.00 (127.70 to 128.70): BN009365.D (-830) (-)

Ion 129.00 (128.70 to 129.70): BN009365.D (-830) (-)

Ion 127.00 (126.70 to 127.70): BN009365.D (-830) (-)

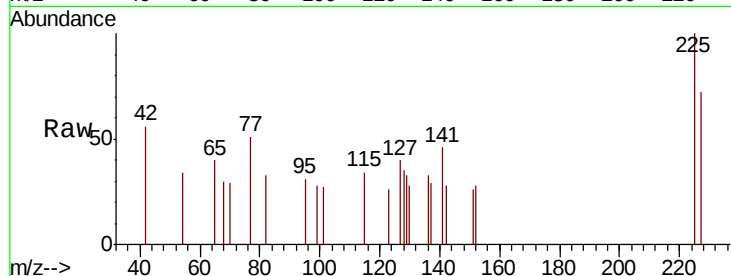




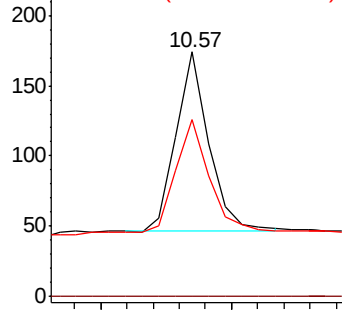
#10
Hexachlorobutadiene
Concen: 0.083 ng
RT: 10.57 min Scan# 859
Delta R.T. -0.00 min
Lab File: BN009376.D
Acq: 15 Jan 2020 12:59

Instrument :
BNA_N
ClientSampleId :

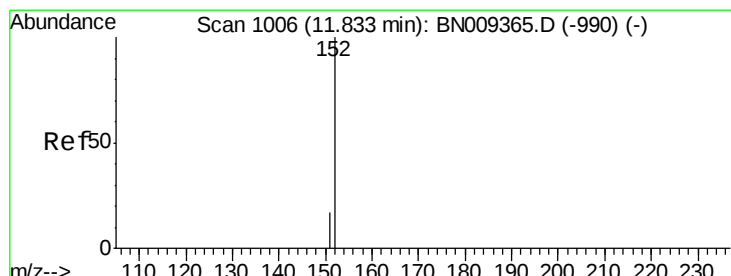
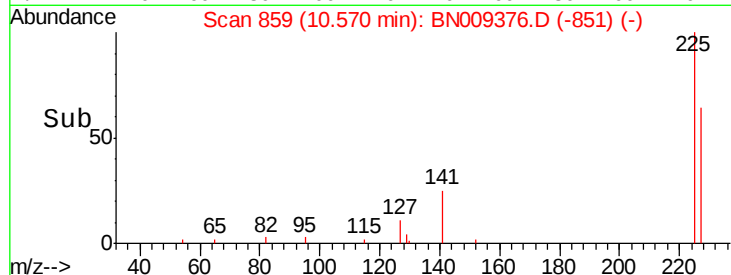
Tot Ion:225 Resp: 224
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.7 52.6 78.8



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

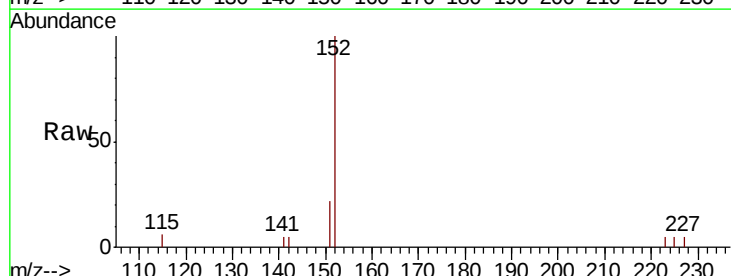


Time-->

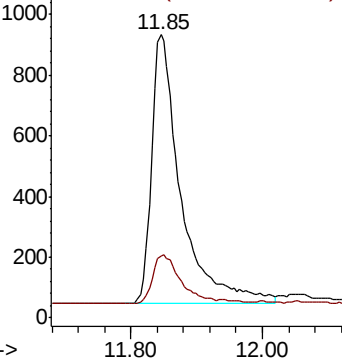


#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 11.85 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BN009376.D
Acq: 15 Jan 2020 12:59

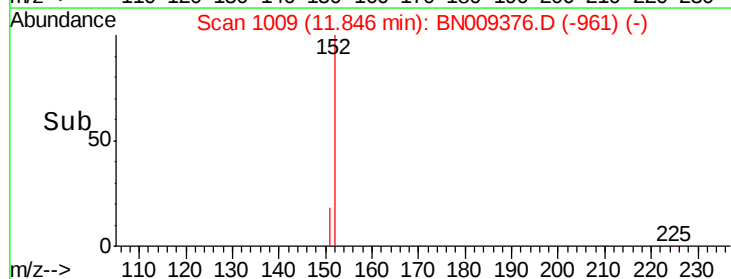
Tgt Ion:152 Resp: 2739
Ion Ratio Lower Upper
152 100
151 17.5 14.8 22.2

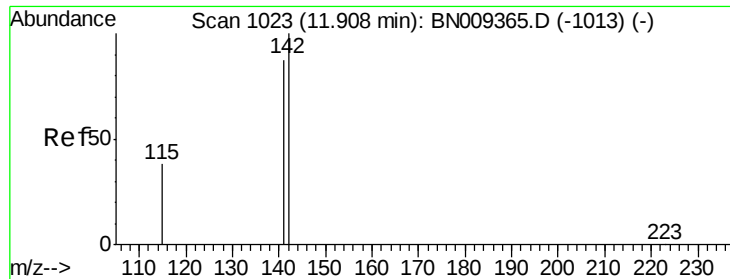


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E



Time-->

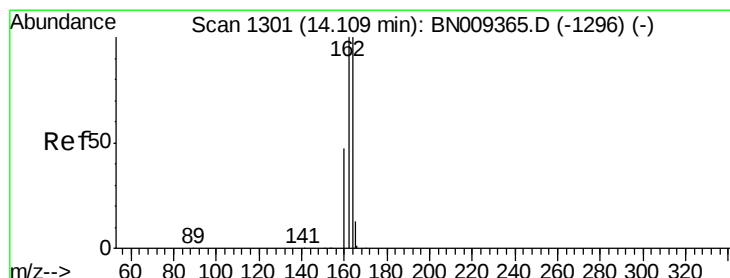
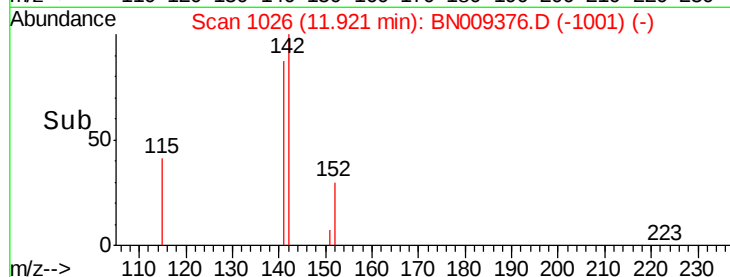
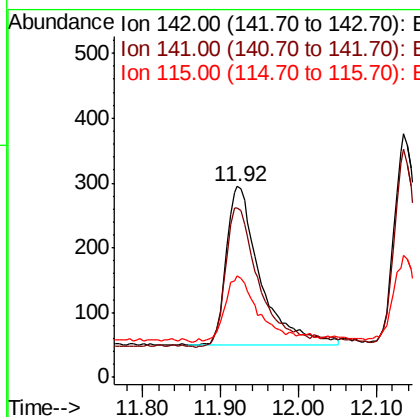
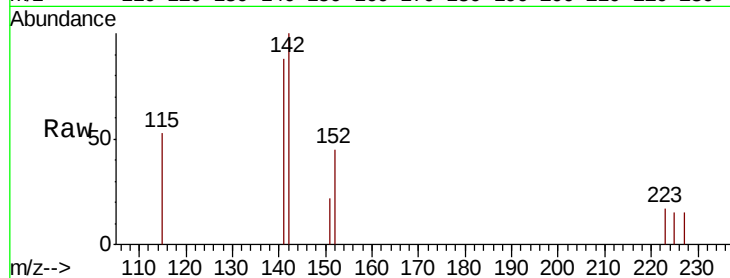




#12
2-Methylnaphthalene
Concen: 0.086 ng
RT: 11.92 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BN009376.D
Acq: 15 Jan 2020 12:59

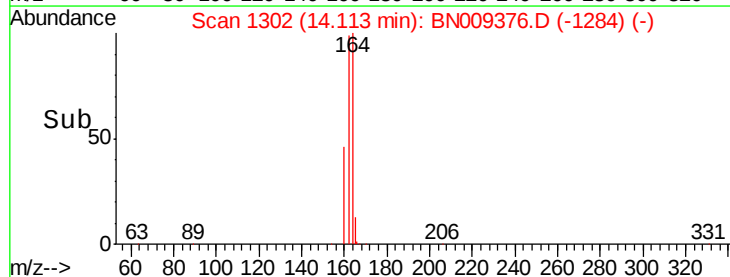
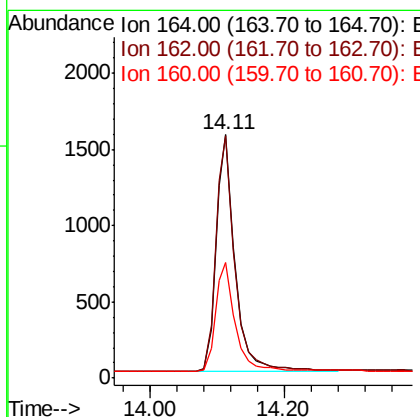
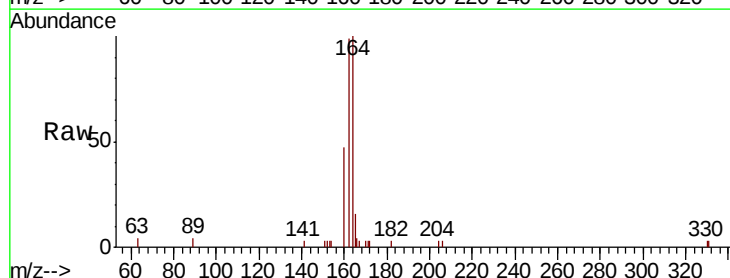
Instrument :
BNA_N
ClientSampleId :

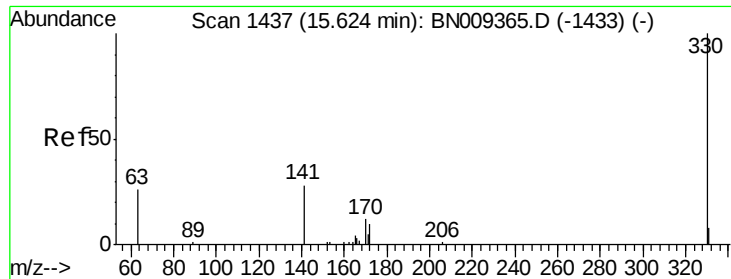
Tot Ion:142 Resp: 741
Ion Ratio Lower Upper
142 100
141 88.5 69.8 104.6
115 53.2 32.5 48.7#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.11 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN009376.D
Acq: 15 Jan 2020 12:59

Tgt Ion:164 Resp: 3056
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.6
160 47.2 38.4 57.6

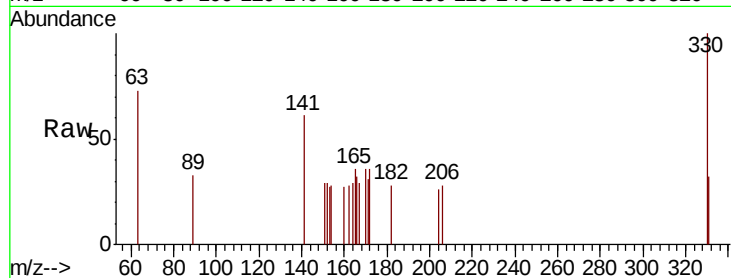




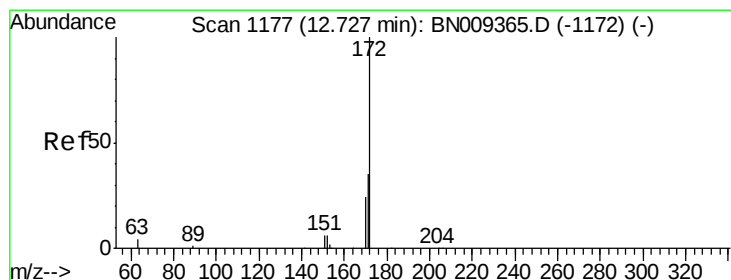
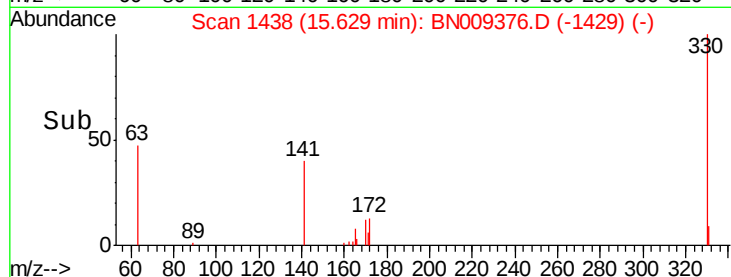
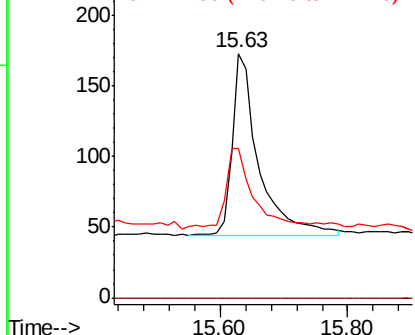
#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.63 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BN009376.D
Acq: 15 Jan 2020 12:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:330 Resp: 376
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.6 33.1 49.7

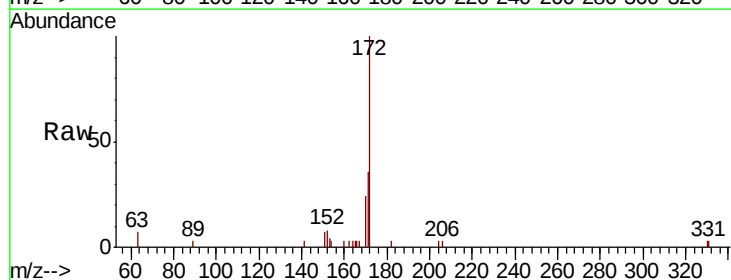


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

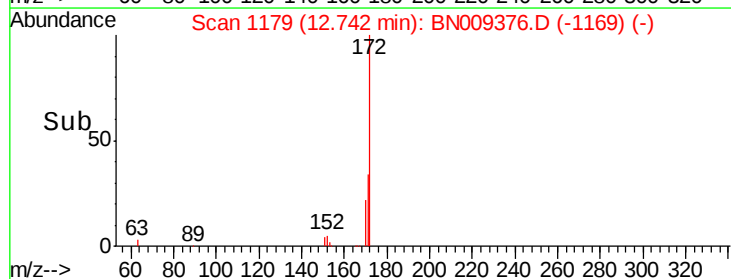
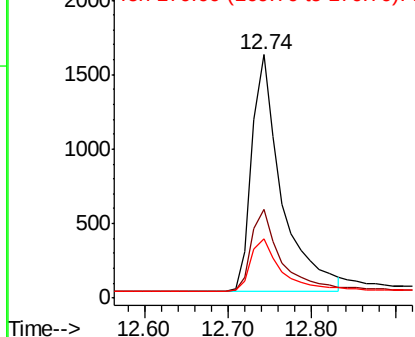


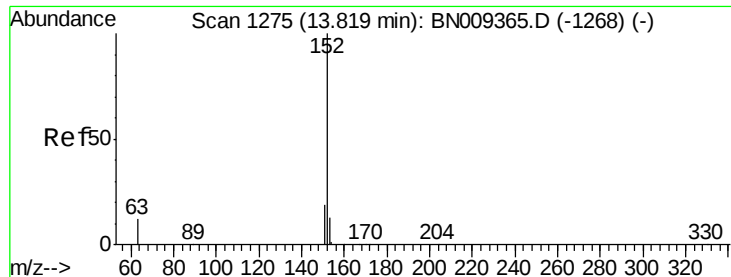
#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.74 min Scan# 1179
Delta R.T. 0.02 min
Lab File: BN009376.D
Acq: 15 Jan 2020 12:59

Tgt Ion:172 Resp: 3950
Ion Ratio Lower Upper
172 100
171 36.2 29.5 44.3
170 24.3 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.075 ng

RT: 13.83 min Scan# 1277

Delta R.T. 0.02 min

Lab File: BN009376.D

Acq: 15 Jan 2020 12:59

Instrument :

BNA_N

ClientSampleId :

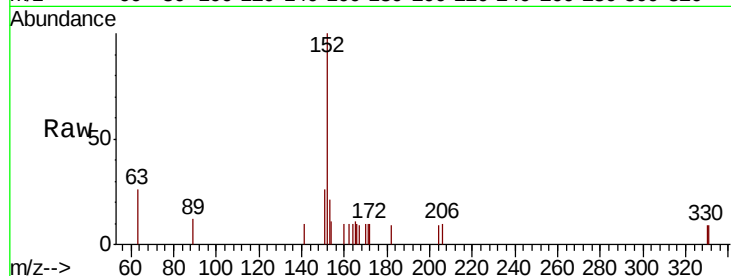
Tot Ion:152 Resp: 990

Ion Ratio Lower Upper

152 100

151 20.9 15.4 23.2

153 12.6 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

600

500

400

300

200

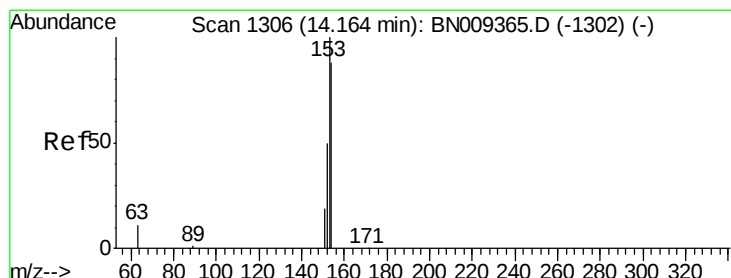
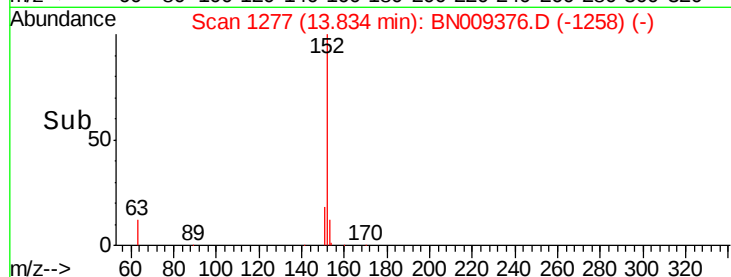
100

0

13.83

13.70 13.80 13.90 14.00

Time-->



#17

Acenaphthene

Concen: 0.083 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN009376.D

Acq: 15 Jan 2020 12:59

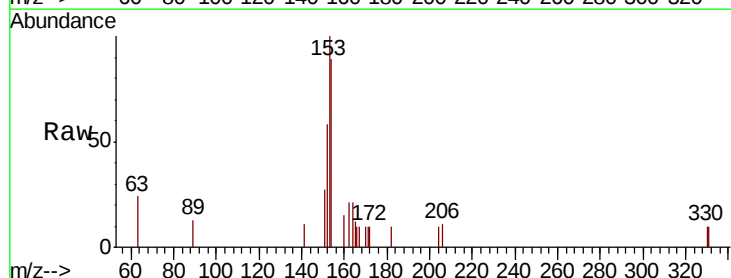
Tgt Ion:154 Resp: 771

Ion Ratio Lower Upper

154 100

153 115.3 90.5 135.7

152 58.1 45.3 67.9



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

600

500

400

300

200

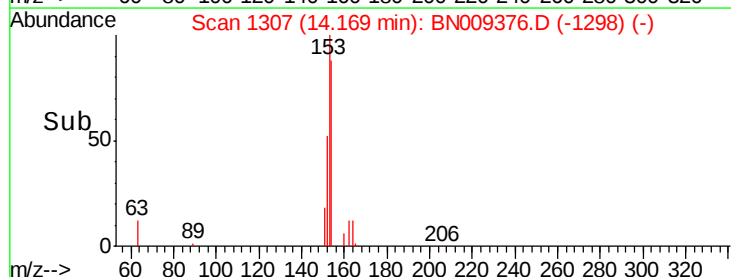
100

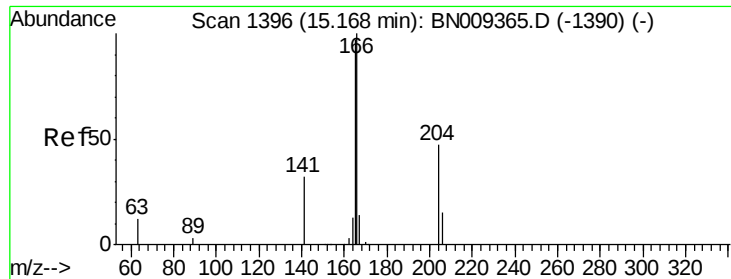
0

14.17

14.10 14.20 14.30

Time-->





#18

Fluorene

Concen: 0.082 ng

RT: 15.18 min Scan# 1398

Delta R.T. 0.02 min

Lab File: BN009376.D

Acq: 15 Jan 2020 12:59

Instrument :

BNA_N

ClientSampleId :

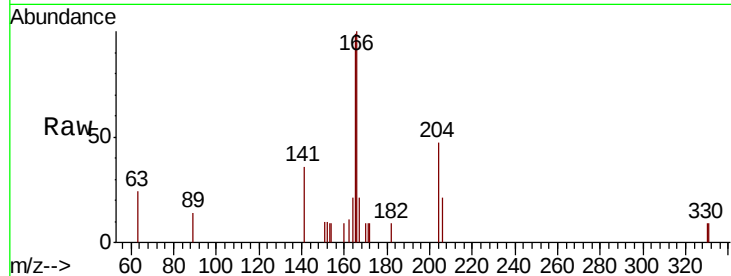
Tot Ion:166 Resp: 990

Ion Ratio Lower Upper

166 100

165 96.9 78.2 117.2

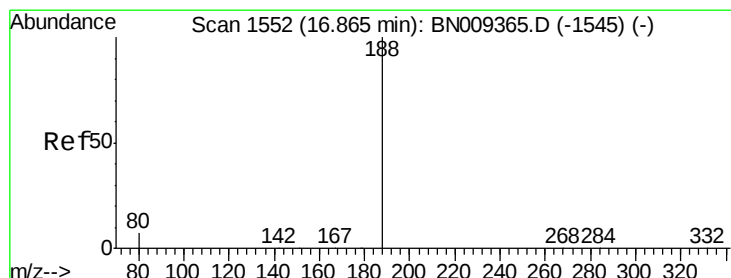
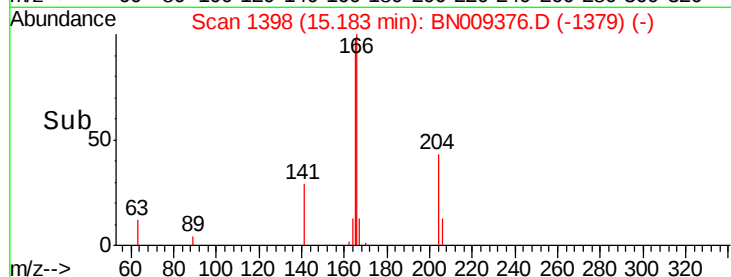
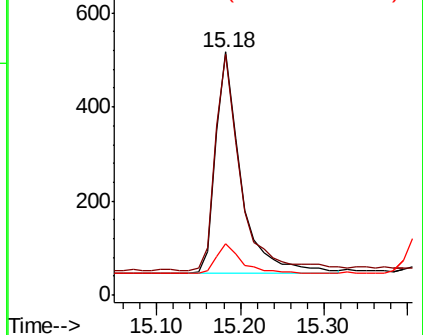
167 12.5 11.0 16.6



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: 16.87 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BN009376.D

Acq: 15 Jan 2020 12:59

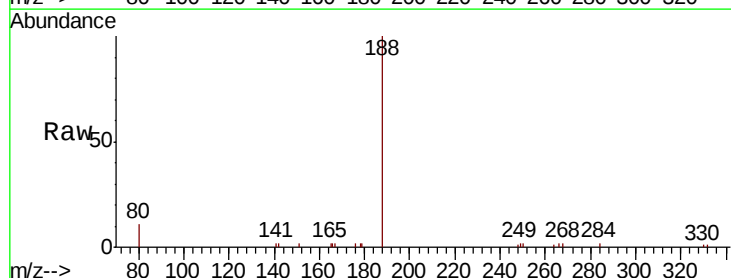
Tgt Ion:188 Resp: 6762

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

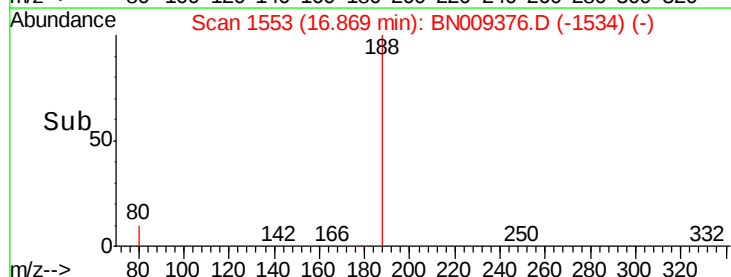
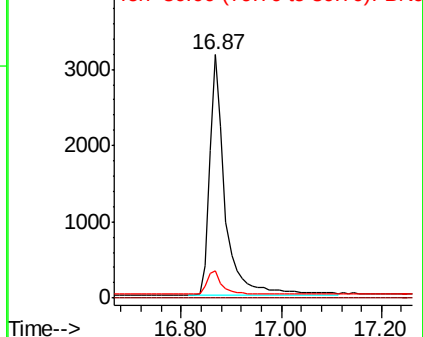
80 11.1 6.6 10.0#

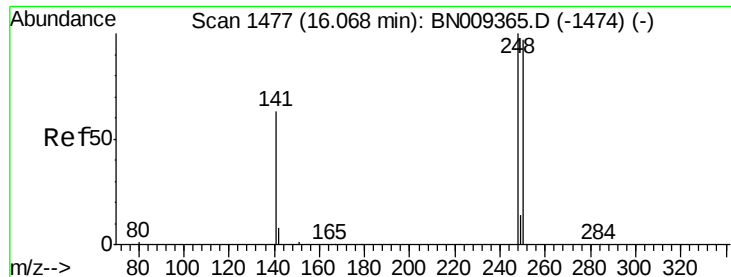


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

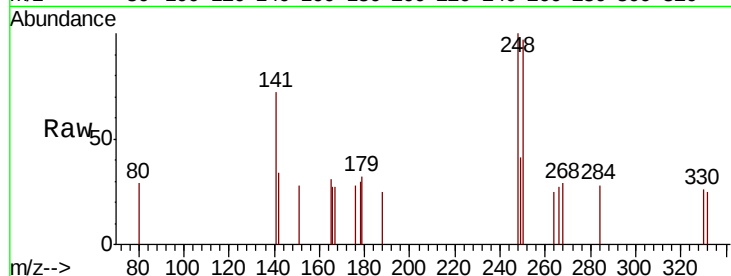




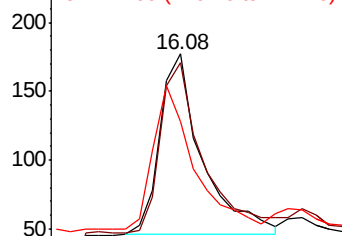
#20
4-Bromophenyl-phenylether
Concen: 0.074 ng
RT: 16.08 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BN009376.D
Acq: 15 Jan 2020 12:59

Instrument :
BNA_N
ClientSampled :

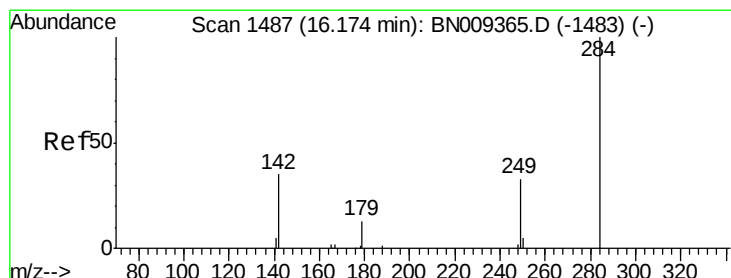
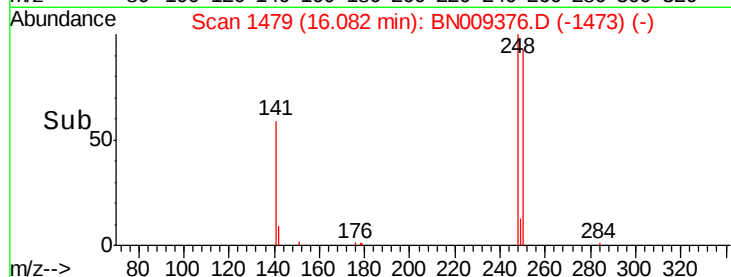
Tot Ion:248 Resp: 303
Ion Ratio Lower Upper
248 100
250 96.6 77.8 116.8
141 72.3 53.4 80.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

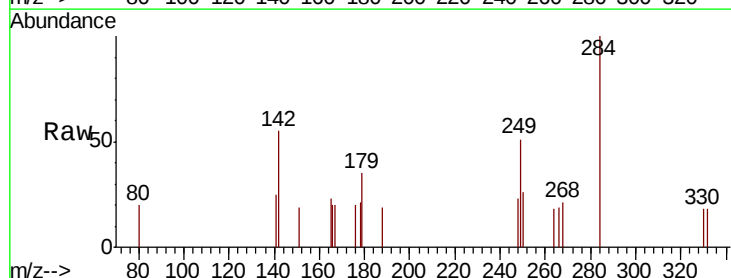


Time-->

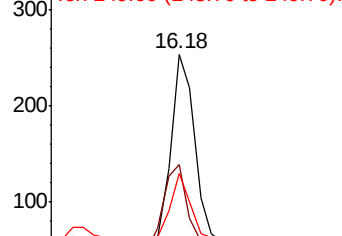


#21
Hexachlorobenzene
Concen: 0.084 ng
RT: 16.18 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BN009376.D
Acq: 15 Jan 2020 12:59

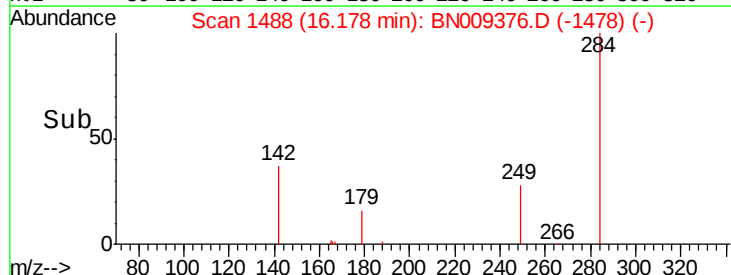
Tgt Ion:284 Resp: 365
Ion Ratio Lower Upper
284 100
142 43.0 33.8 50.8
249 32.3 27.0 40.4

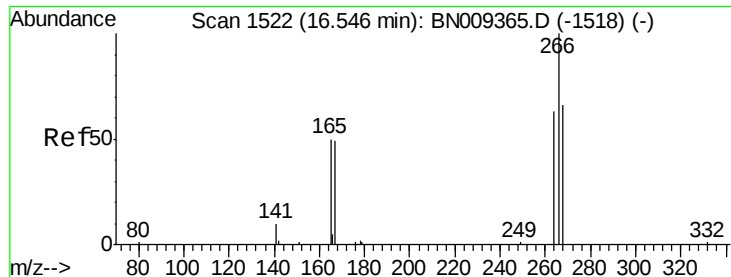


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->

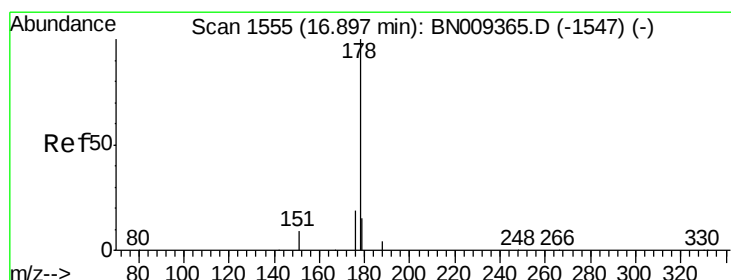
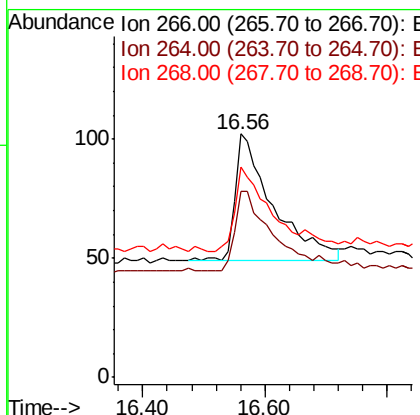
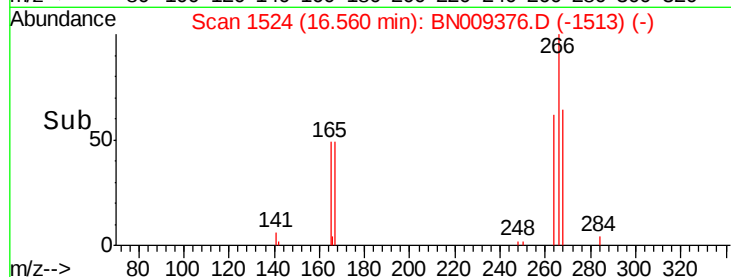
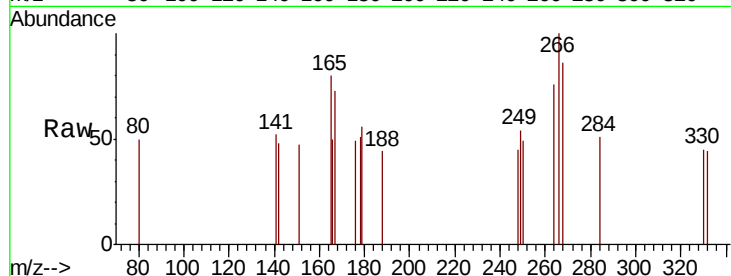




#22
 Pentachlorophenol
 Concen: 0.189 ng
 RT: 16.56 min Scan# 1524
 Delta R.T. 0.02 min
 Lab File: BN009376.D
 Acq: 15 Jan 2020 12:59

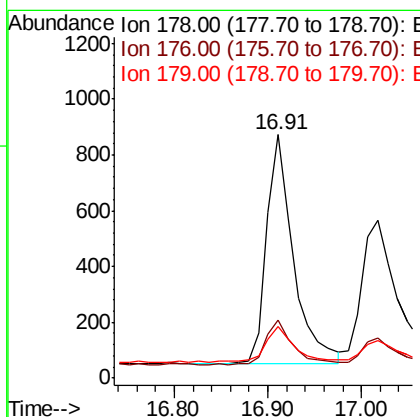
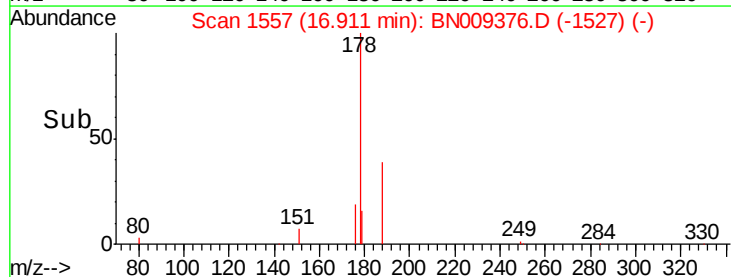
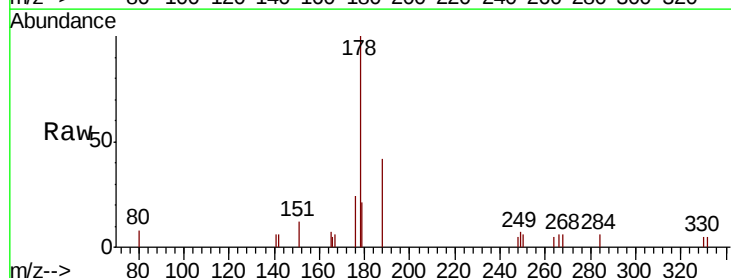
Instrument :
 BNA_N
 ClientSampled :

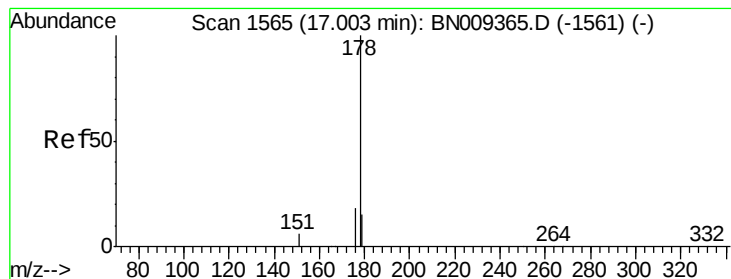
Tot Ion:266 Resp: 230
 Ion Ratio Lower Upper
 266 100
 264 76.5 57.8 86.6
 268 86.3 63.8 95.6



#23
 Phenanthrene
 Concen: 0.080 ng
 RT: 16.91 min Scan# 1557
 Delta R.T. 0.01 min
 Lab File: BN009376.D
 Acq: 15 Jan 2020 12:59

Tgt Ion:178 Resp: 1625
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.0 22.4
 179 16.4 12.3 18.5





#24

Anthracene

Concen: 0.077 ng

RT: 17.02 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BN009376.D

Acq: 15 Jan 2020 12:59

Instrument :

BNA_N

ClientSampled :

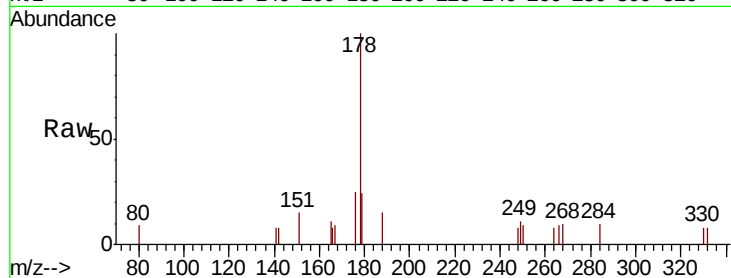
Tot Ion:178 Resp: 1306

Ion Ratio Lower Upper

178 100

176 17.5 14.6 21.8

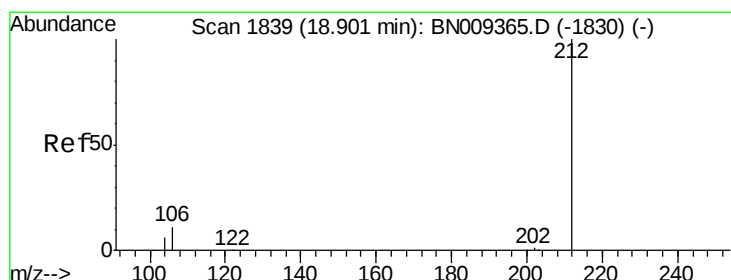
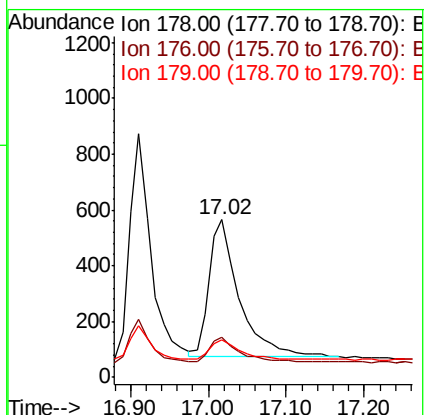
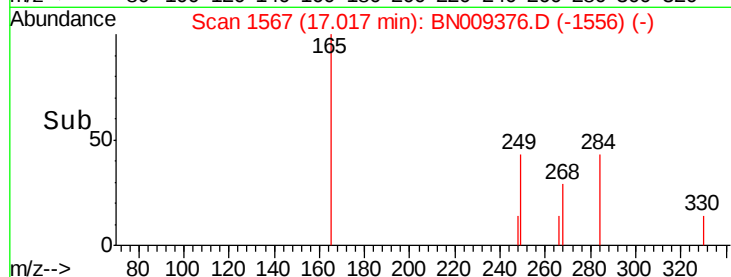
179 14.4 12.5 18.7



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: 0.305 ng

RT: 18.90 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BN009376.D

Acq: 15 Jan 2020 12:59

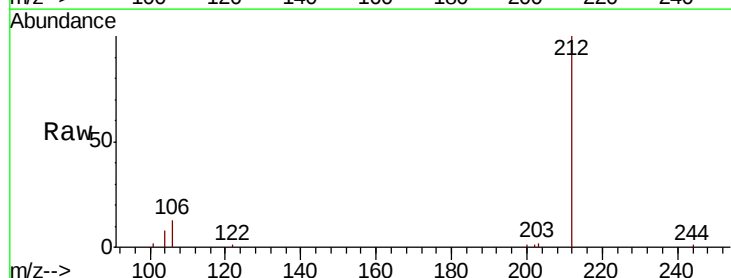
Tgt Ion:212 Resp: 7063

Ion Ratio Lower Upper

212 100

106 11.6 9.2 13.8

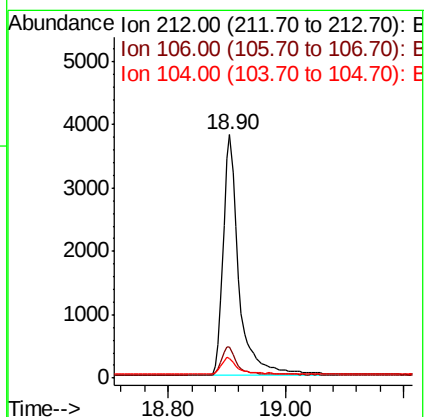
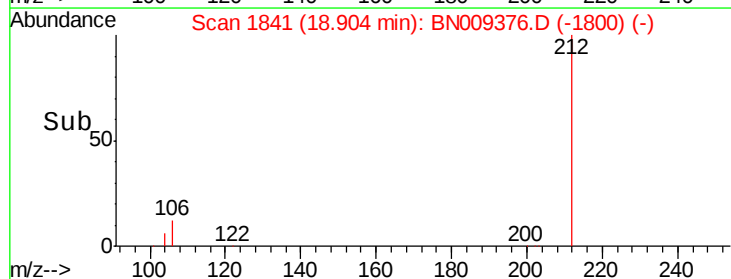
104 6.6 5.4 8.0

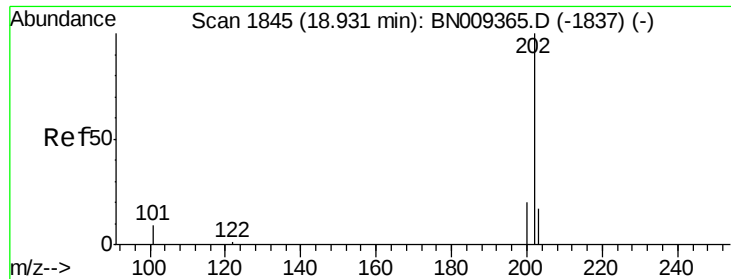


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

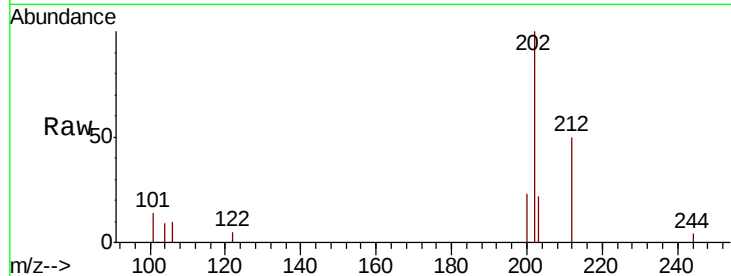




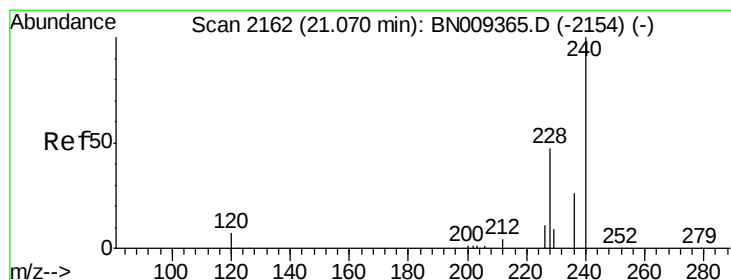
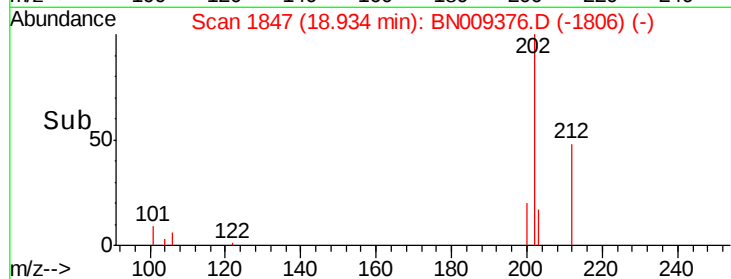
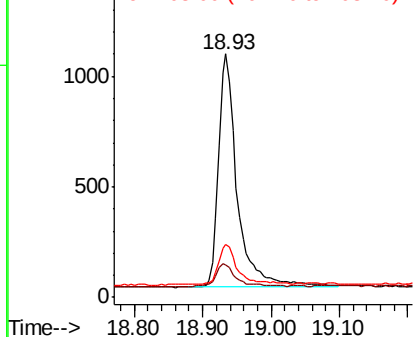
#26
 Fluoranthene
 Concen: 0.085 ng
 RT: 18.93 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BN009376.D
 Acq: 15 Jan 2020 12:59

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:202 Resp: 2014
 Ion Ratio Lower Upper
 202 100
 101 9.8 8.0 12.0
 203 16.8 13.5 20.3

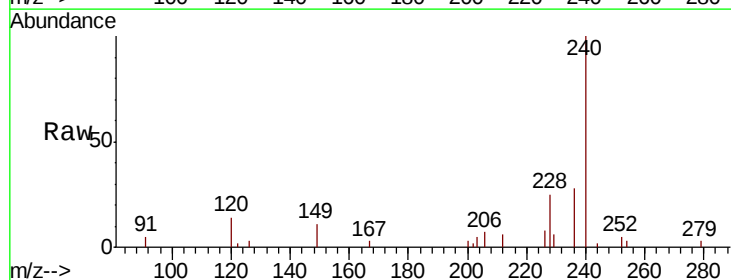


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

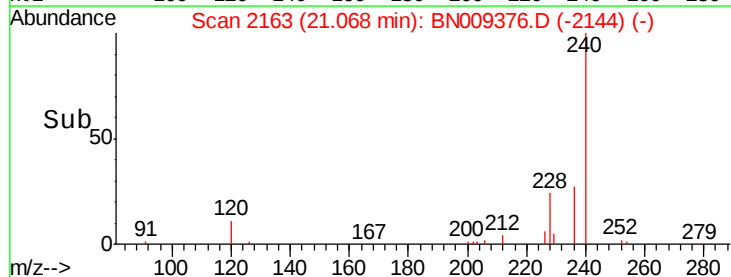
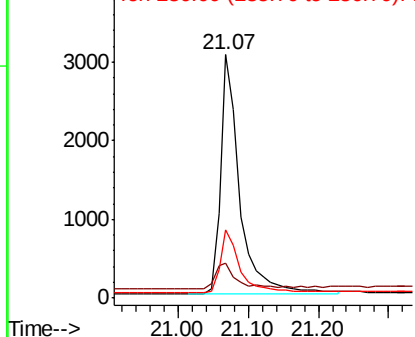


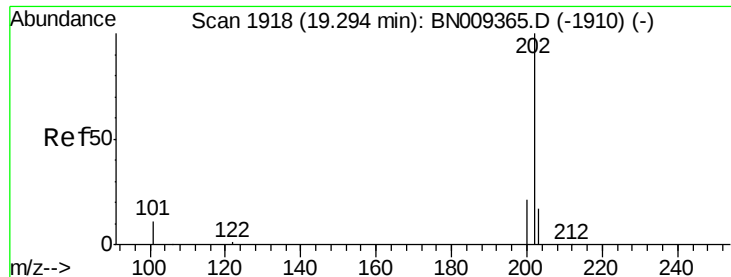
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.07 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BN009376.D
 Acq: 15 Jan 2020 12:59

Tgt Ion:240 Resp: 5879
 Ion Ratio Lower Upper
 240 100
 120 14.4 8.1 12.1#
 236 28.2 22.2 33.4



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

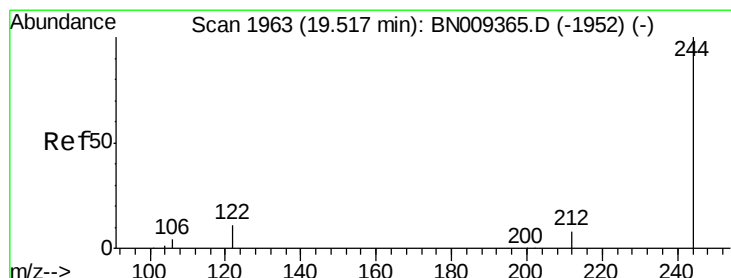
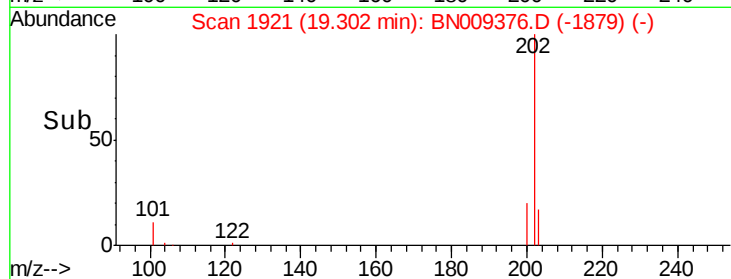
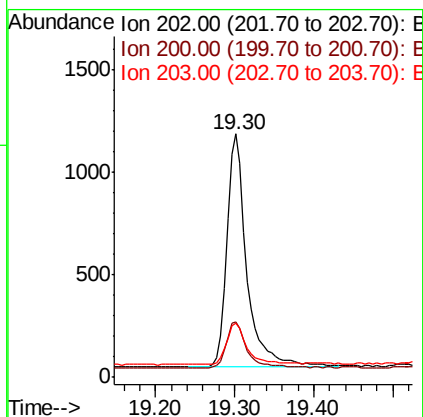
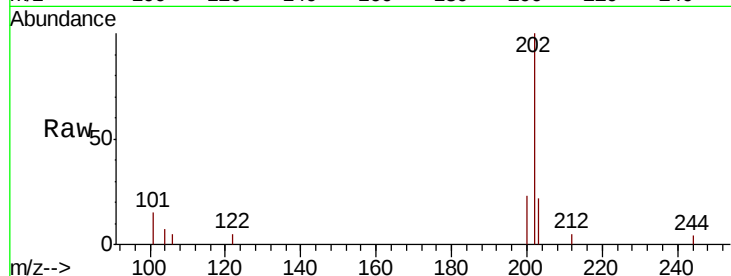




#28
Pvrene
Concen: 0.091 ng
RT: 19.30 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BN009376.D
Acq: 15 Jan 2020 12:59

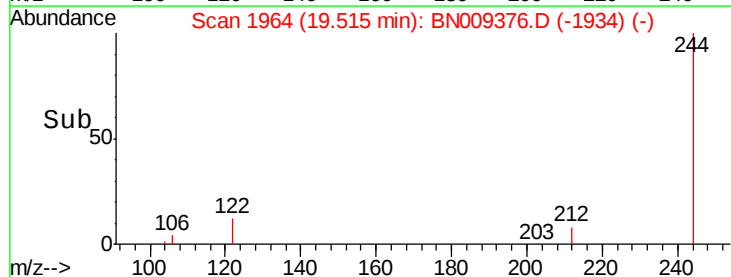
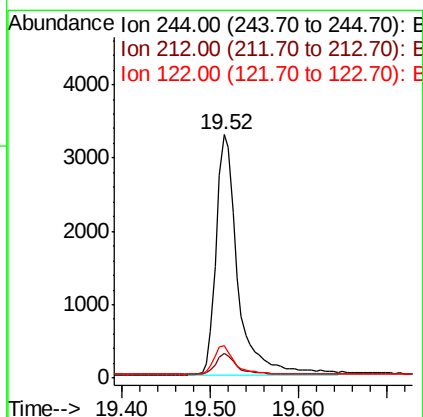
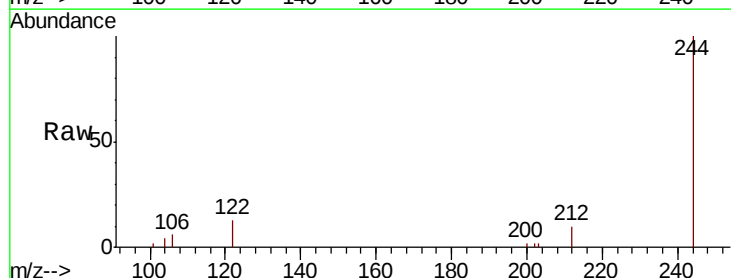
Instrument :
BNA_N
ClientSampleId :

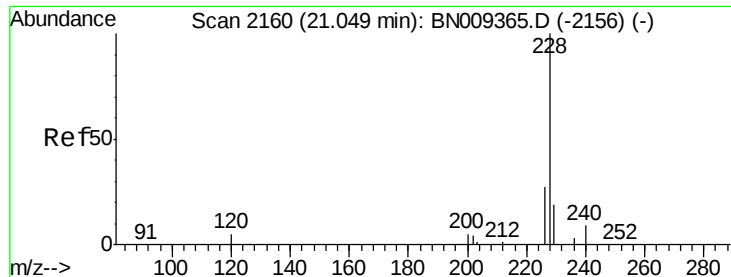
Tot Ion:202 Resp: 2023
Ion Ratio Lower Upper
202 100
200 19.8 16.2 24.2
203 18.0 14.1 21.1



#29
Terphenyl-d14
Concen: 0.402 ng
RT: 19.52 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BN009376.D
Acq: 15 Jan 2020 12:59

Tgt Ion:244 Resp: 5592
Ion Ratio Lower Upper
244 100
212 9.9 7.5 11.3
122 13.3 9.8 14.6





#30

Benzo(a)anthracene

Concen: 0.084 ng

RT: 21.06 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BN009376.D

Acq: 15 Jan 2020 12:59

Instrument :

BNA_N

ClientSampled :

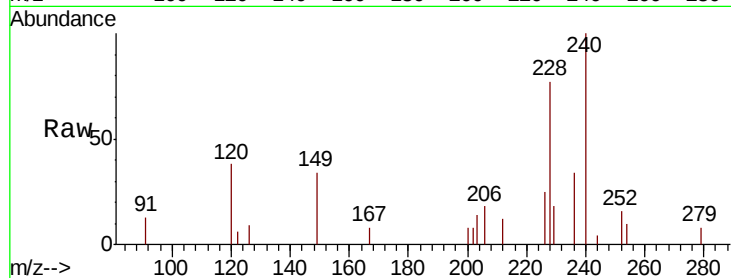
Tot Ion:228 Resp: 1631

Ion Ratio Lower Upper

228 100

226 31.9 22.5 33.7

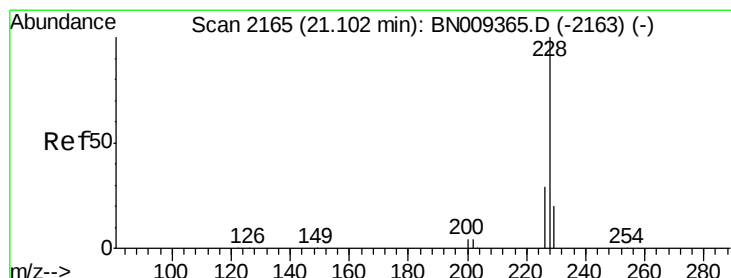
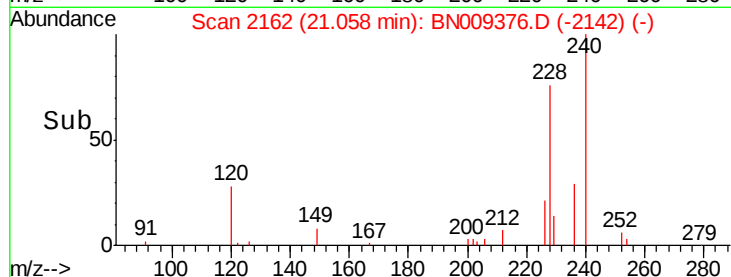
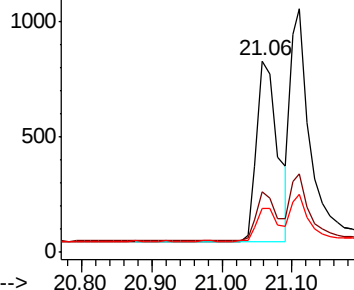
229 23.2 16.1 24.1



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



#31

Chrysene

Concen: 0.085 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.01 min

Lab File: BN009376.D

Acq: 15 Jan 2020 12:59

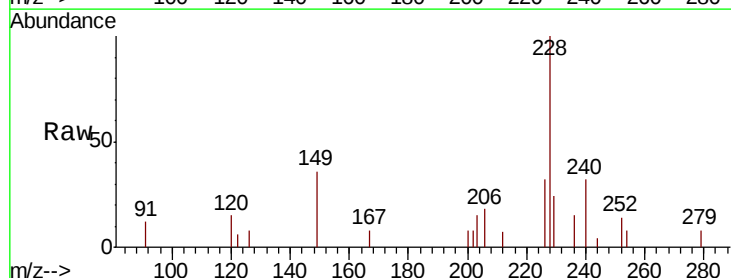
Tgt Ion:228 Resp: 1884

Ion Ratio Lower Upper

228 100

226 32.0 23.8 35.8

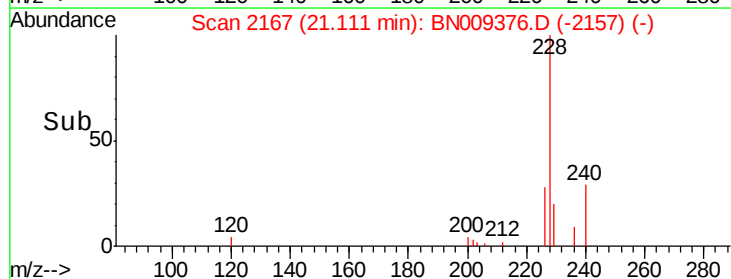
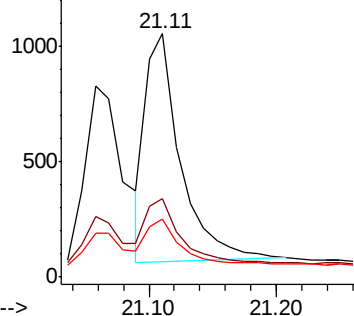
229 23.6 16.6 24.8

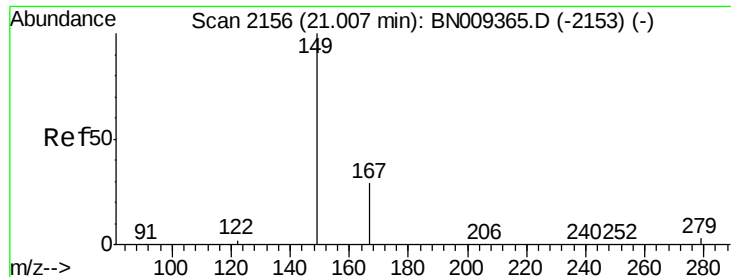


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.088 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009376.D

Acq: 15 Jan 2020 12:59

Instrument :

BNA_N

ClientSampleId :

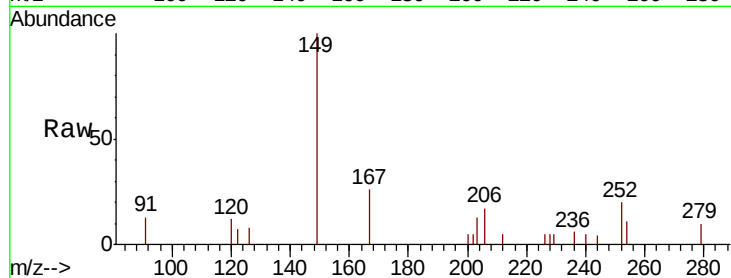
Tot Ion:149 Resp: 756

Ion Ratio Lower Upper

149 100

167 28.2 22.9 34.3

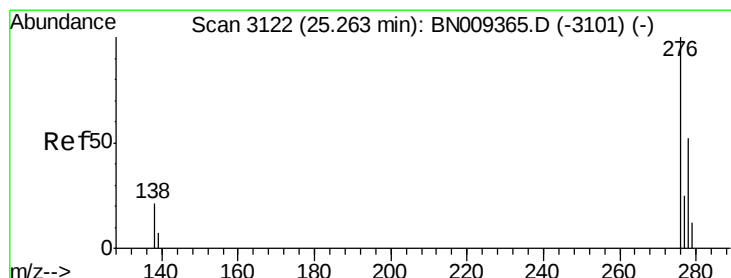
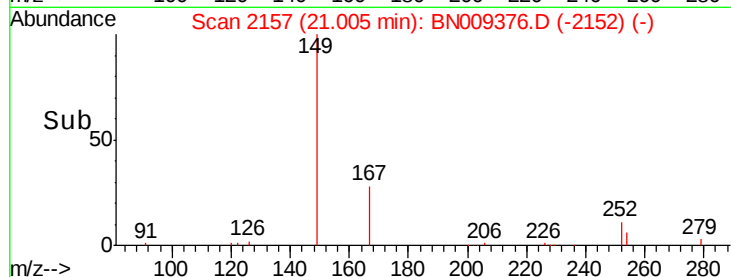
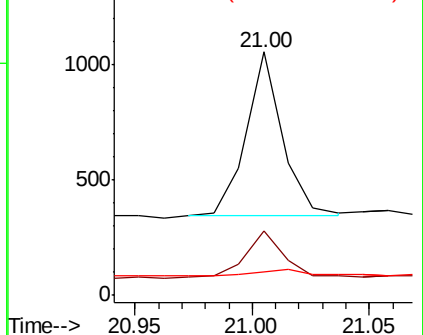
279 4.8 3.4 5.0



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: 0.078 ng

RT: 25.29 min Scan# 3130

Delta R.T. 0.02 min

Lab File: BN009376.D

Acq: 15 Jan 2020 12:59

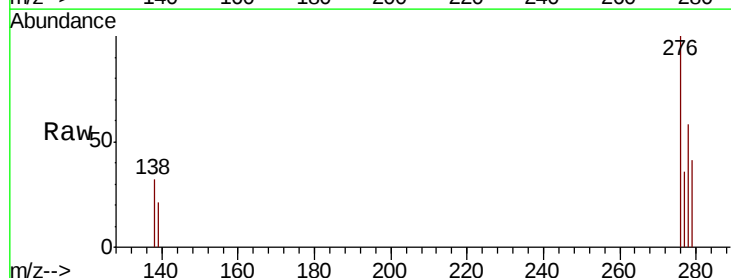
Tgt Ion:276 Resp: 1784

Ion Ratio Lower Upper

276 100

138 18.7 15.9 23.9

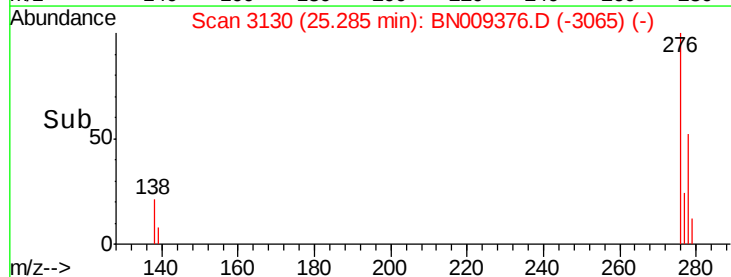
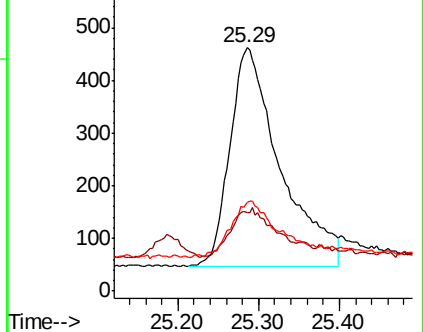
277 23.5 19.8 29.6

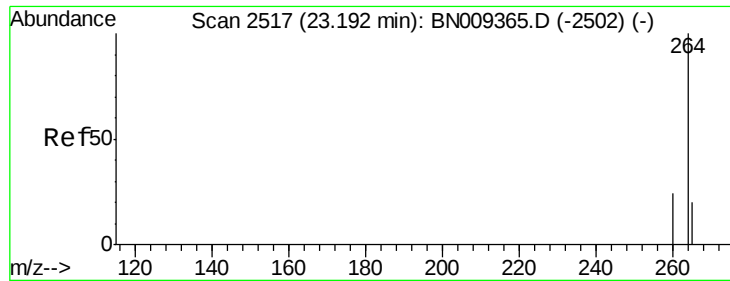


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

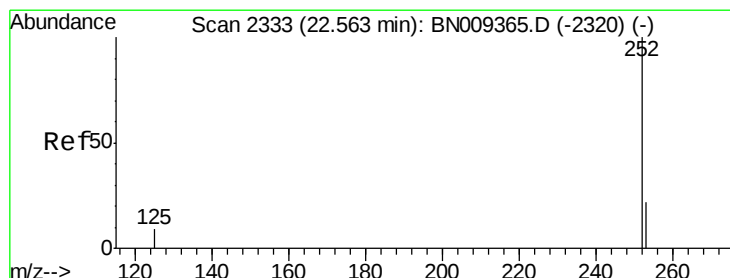
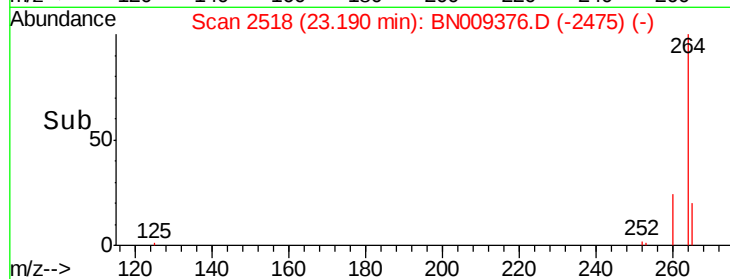
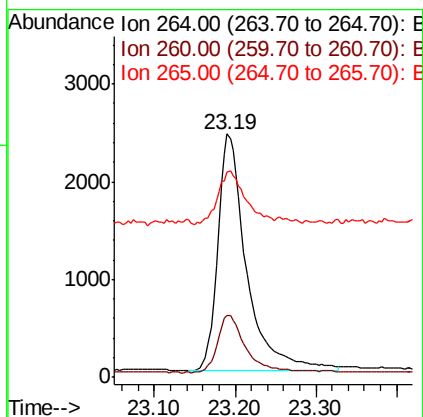
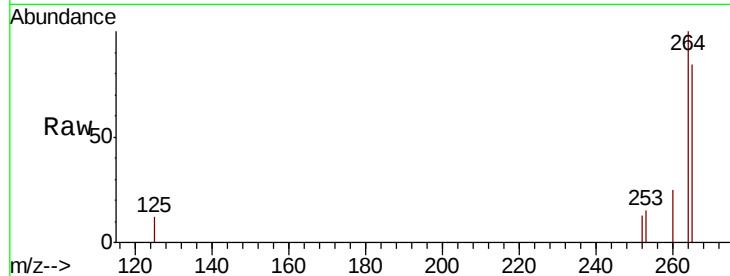




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.19 min Scan# 2518
 Delta R.T. -0.00 min
 Lab File: BN009376.D
 Acq: 15 Jan 2020 12:59

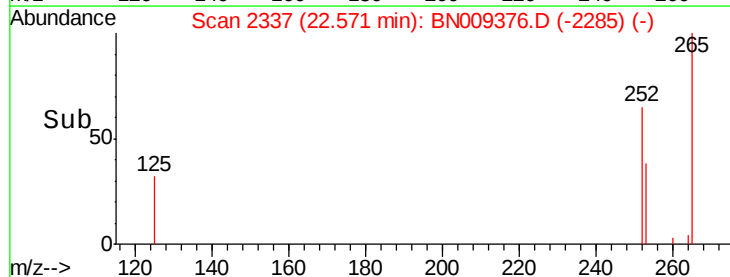
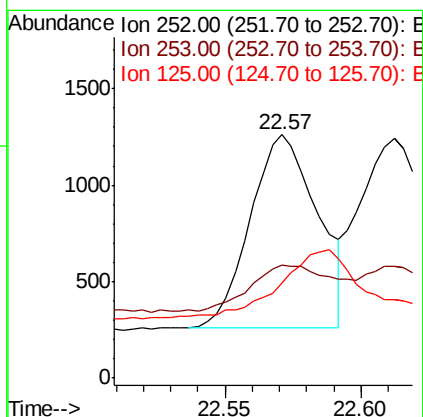
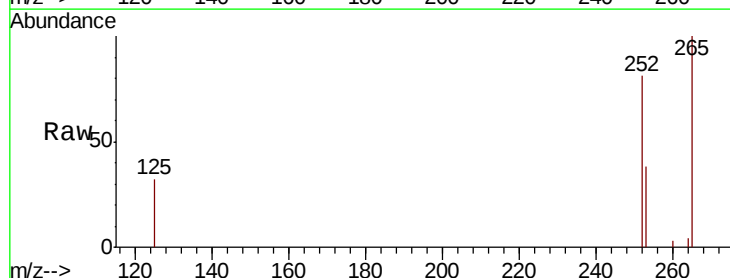
Instrument :
 BNA_N
 ClientSampleId :

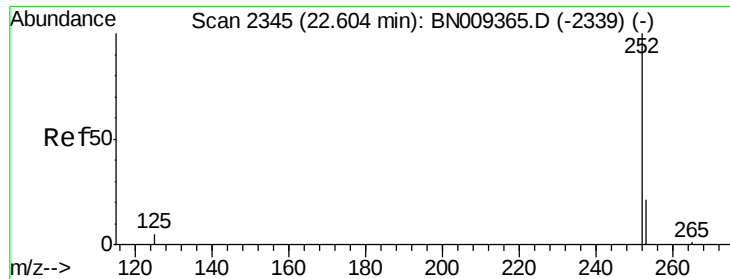
Tot Ion:264 Resp: 6003
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.1 30.1
 265 84.1 68.2 102.4



#35
 Benzo(b)fluoranthene
 Concen: 0.078 ng
 RT: 22.57 min Scan# 2337
 Delta R.T. 0.01 min
 Lab File: BN009376.D
 Acq: 15 Jan 2020 12:59

Tgt Ion:252 Resp: 1726
 Ion Ratio Lower Upper
 252 100
 253 46.3 22.4 33.6#
 125 39.3 11.6 17.4#

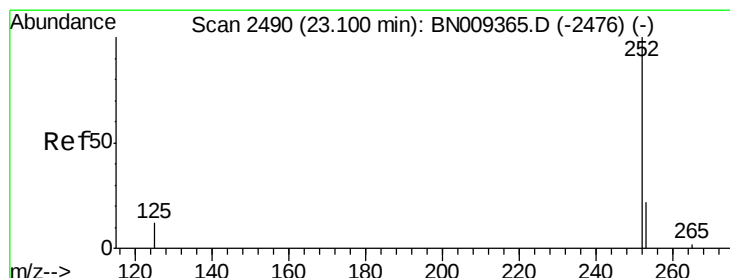
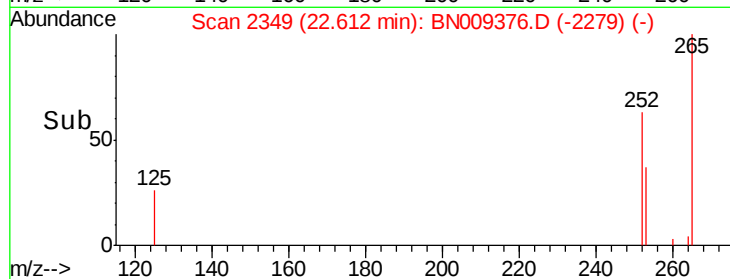
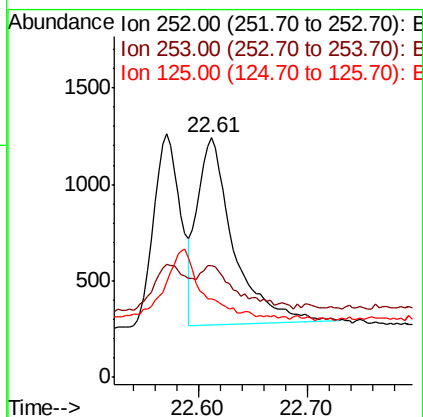
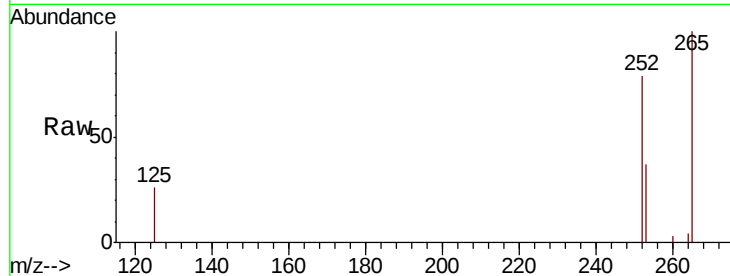




#36
Benzo(k)fluoranthene
Concen: 0.092 ng
RT: 22.61 min Scan# 2349
Delta R.T. 0.01 min
Lab File: BN009376.D
Acq: 15 Jan 2020 12:59

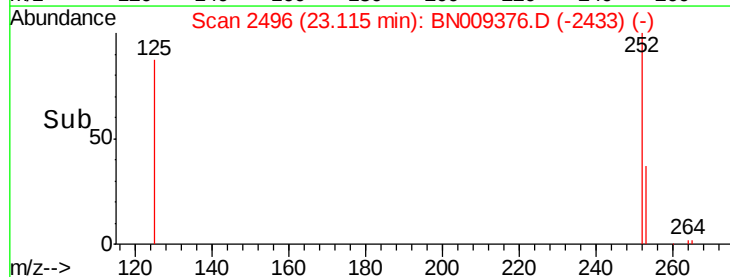
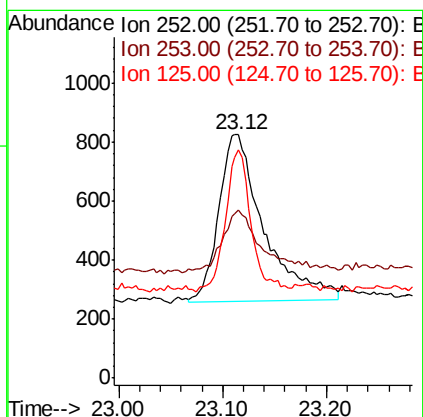
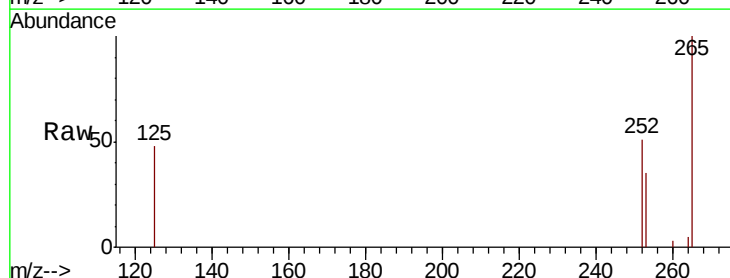
Instrument :
BNA_N
ClientSampleId :

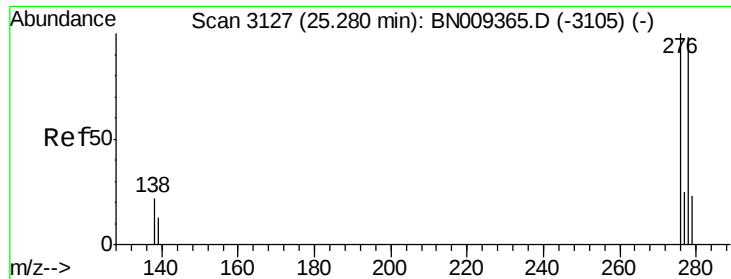
Tot Ion:252 Resp: 2237
Ion Ratio Lower Upper
252 100
253 46.7 21.9 32.9#
125 32.9 12.0 18.0#



#37
Benzo(a)pyrene
Concen: 0.088 ng
RT: 23.12 min Scan# 2496
Delta R.T. 0.02 min
Lab File: BN009376.D
Acq: 15 Jan 2020 12:59

Tgt Ion:252 Resp: 1702
Ion Ratio Lower Upper
252 100
253 68.8 25.4 38.0#
125 93.9 16.2 24.2#





#38

Dibenzo(a,h)anthracene

Concen: 0.073 ng

RT: 25.30 min Scan# 3135

Delta R.T. 0.02 min

Lab File: BN009376.D

Acq: 15 Jan 2020 12:59

Instrument :

BNA_N

ClientSampleId :

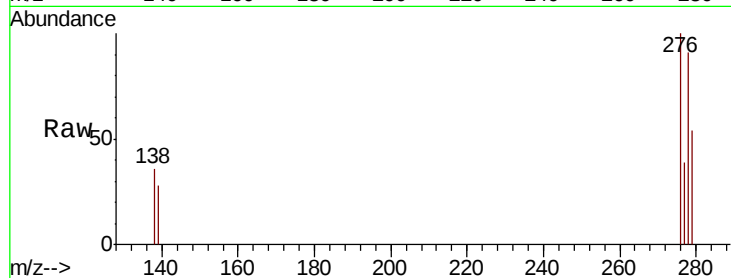
Tot Ion:278 Resp: 1436

Ion Ratio Lower Upper

278 100

139 31.0 14.5 21.7#

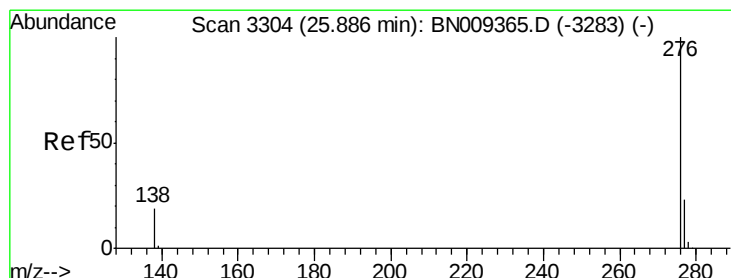
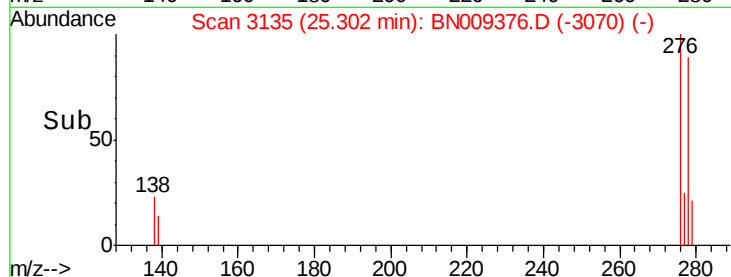
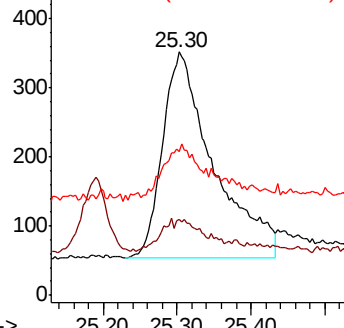
279 59.1 24.2 36.4#



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(g,h,i)perylene

Concen: 0.086 ng

RT: 25.91 min Scan# 3312

Delta R.T. 0.02 min

Lab File: BN009376.D

Acq: 15 Jan 2020 12:59

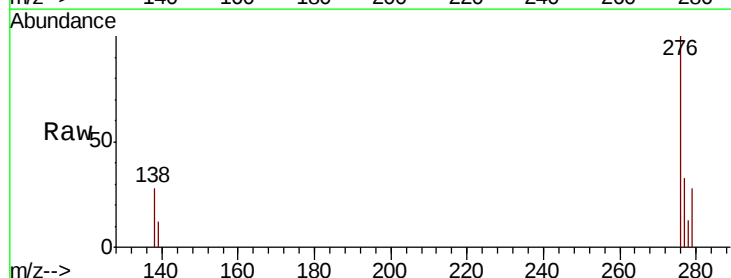
Tgt Ion:276 Resp: 1859

Ion Ratio Lower Upper

276 100

277 33.0 20.6 30.8#

138 28.4 17.1 25.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

