

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
 Data File : BN008905.D
 Acq On : 10 Dec 2019 14:26
 Operator : JU
 Sample : K5111-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 10 15:03:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2612	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	10707	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	8031	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	19133	0.40	ng	0.00
27) Chrysene-d12	21.13	240	18461	0.40	ng	0.00
34) Perylene-d12	23.28	264	18355	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.20	112	2562	0.39	ng	0.00
5) Phenol-d6	6.75	99	3498	0.38	ng	0.00
8) Nitrobenzene-d5	8.69	82	3236	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	6897	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	1282	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	11152	0.37	ng	0.00
25) Fluoranthene-d10	18.97	212	20639	0.36	ng	0.00
29) Terphenyl-d14	19.58	244	17018	0.40	ng	0.00

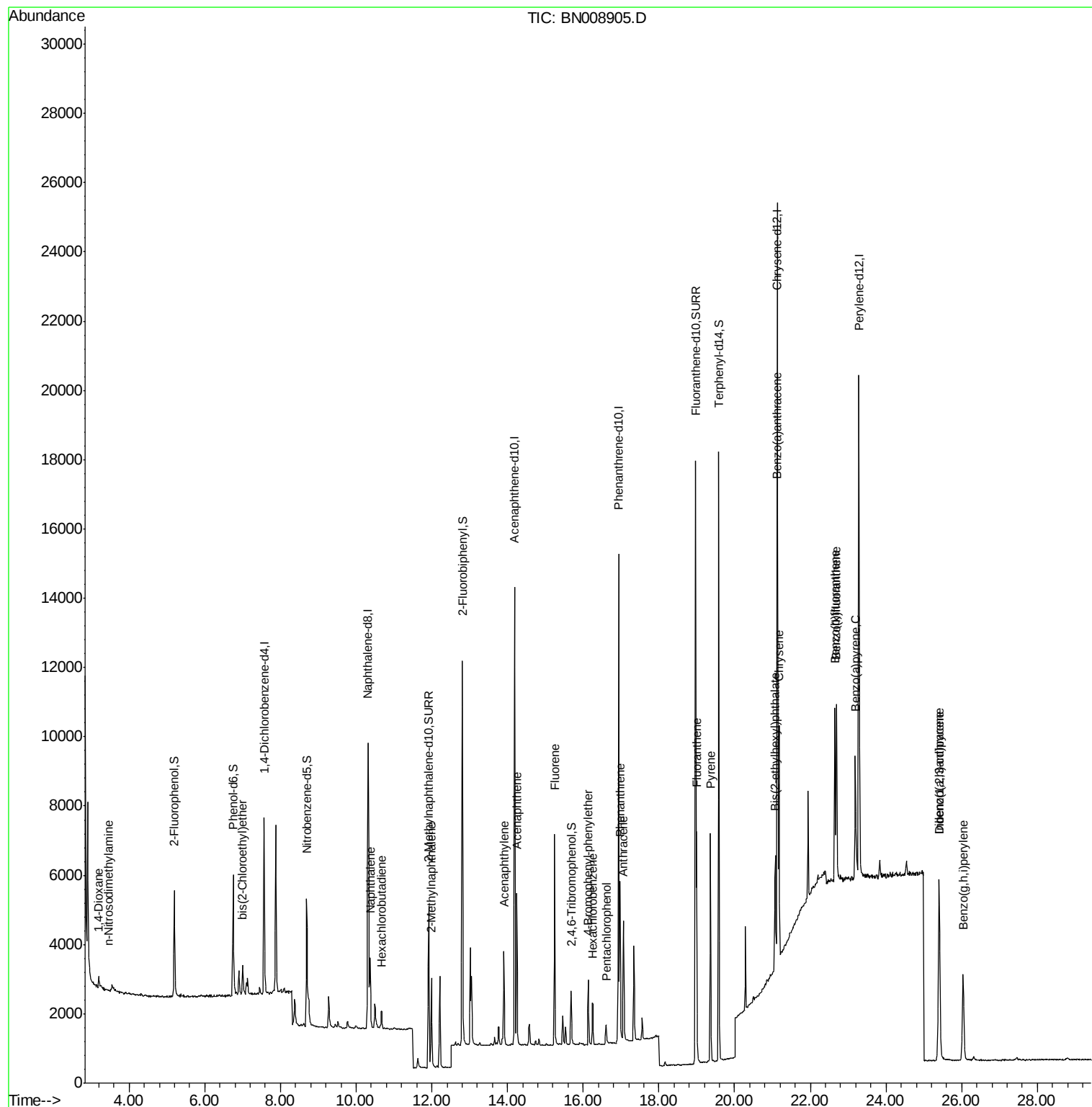
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.20	88	206	0.084	ng	# 91
3) n-Nitrosodimethylamine	3.47	42	49	0.014	ng	# 1
6) bis(2-Chloroethyl)ether	7.00	93	746	0.086	ng	99
9) Naphthalene	10.37	128	2604	0.089	ng	# 94
10) Hexachlorobutadiene	10.67	225	478	0.086	ng	# 97
12) 2-Methylnaphthalene	11.99	142	1993	0.092	ng	96
16) Acenaphthylene	13.90	152	2978	0.081	ng	100
17) Acenaphthene	14.25	154	2102	0.086	ng	99
18) Fluorene	15.24	166	2827	0.086	ng	99
20) 4-Bromophenyl-phenylether	16.14	248	949	0.083	ng	95
21) Hexachlorobenzene	16.25	284	1039	0.080	ng	97
22) Pentachlorophenol	16.60	266	417	0.089	ng	93
23) Phenanthrene	16.98	178	4987	0.083	ng	98
24) Anthracene	17.06	178	4364	0.082	ng	98
26) Fluoranthene	19.00	202	5943	0.083	ng	99
28) Pyrene	19.36	202	5900	0.091	ng	99
30) Benzo(a)anthracene	21.12	228	5542	0.085	ng	99
31) Chrysene	21.17	228	6010	0.089	ng	97
32) Bis(2-ethylhexyl)phthalate	21.08	149	2168	0.071	ng	98
33) Indeno(1,2,3-cd)pyrene	25.40	276	5746	0.080	ng	99
35) Benzo(b)fluoranthene	22.65	252	5779	0.088	ng	# 77
36) Benzo(k)fluoranthene	22.69	252	5935	0.090	ng	# 72
37) Benzo(a)pyrene	23.19	252	4916	0.083	ng	# 69
38) Dibenzo(a,h)anthracene	25.41	278	4695	0.085	ng	# 83
39) Benzo(g,h,i)perylene	26.04	276	4924	0.090	ng	91

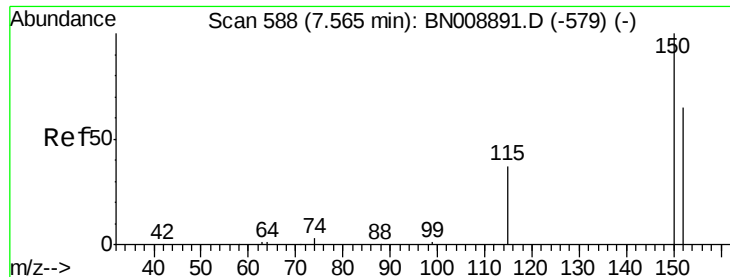
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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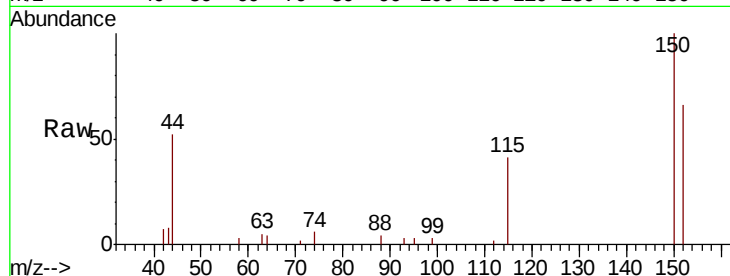


#1

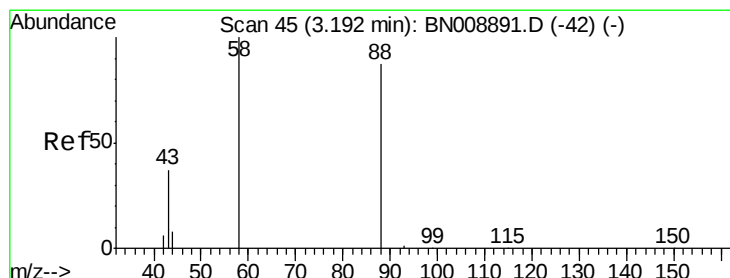
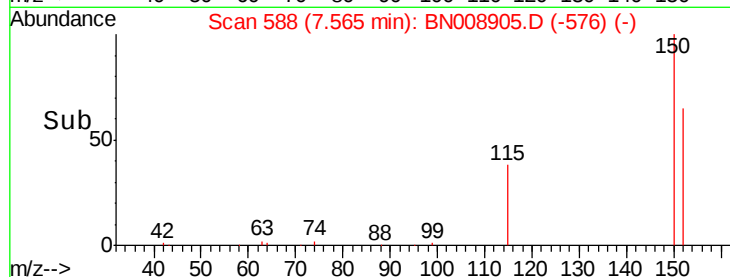
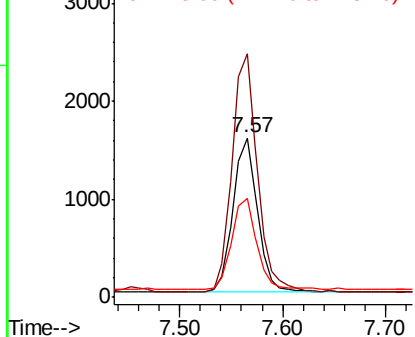
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN008905.D
Acq: 10 Dec 2019 14:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 2612
Ion Ratio Lower Upper
152 100
150 152.6 122.3 183.5
115 61.8 48.4 72.6



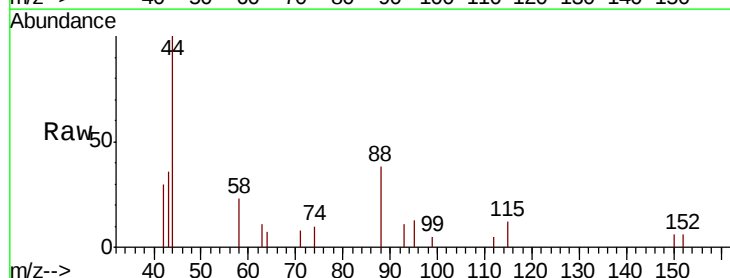
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



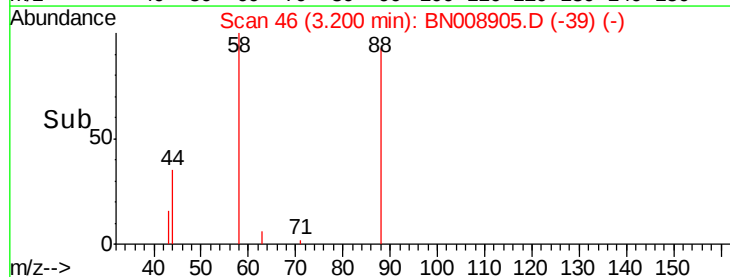
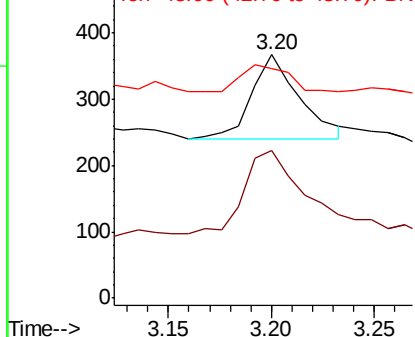
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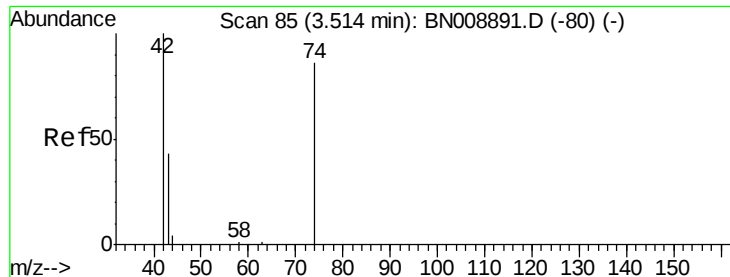
1,4-Dioxane
Concen: 0.084 ng
RT: 3.20 min Scan# 46
Delta R.T. 0.01 min
Lab File: BN008905.D
Acq: 10 Dec 2019 14:26

Tgt Ion: 88 Resp: 206
Ion Ratio Lower Upper
88 100
58 118.4 88.6 132.8
43 31.6 31.8 47.8#



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



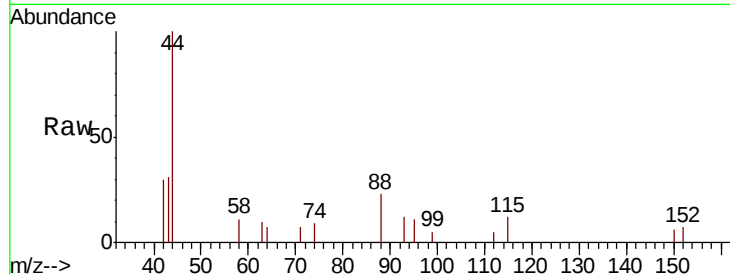


#3

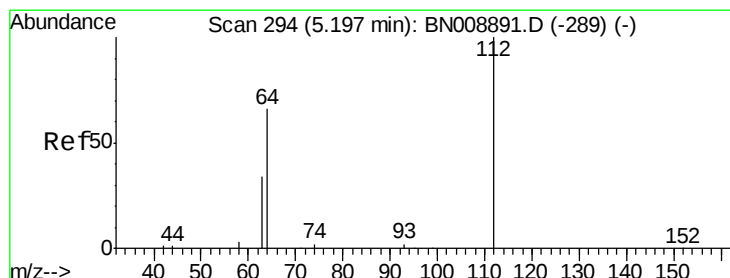
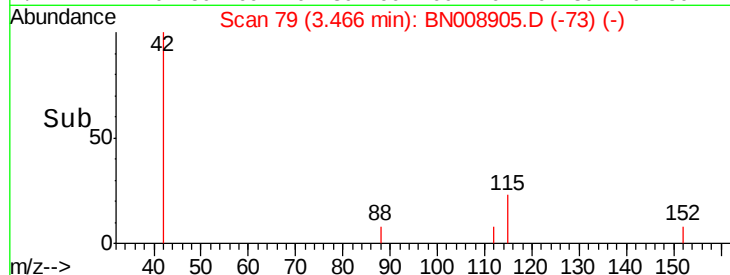
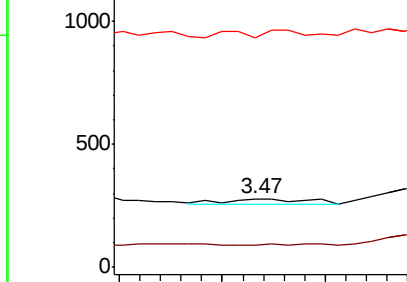
n-Nitrosodimethylamine
 Concen: 0.014 ng
 RT: 3.47 min Scan# 79
 Delta R.T. -0.05 min
 Lab File: BN008905.D
 Acq: 10 Dec 2019 14:26

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 42 Resp: 49
 Ion Ratio Lower Upper
 42 100
 74 0.0 78.6 117.8#
 44 53.1 0.0 0.0#



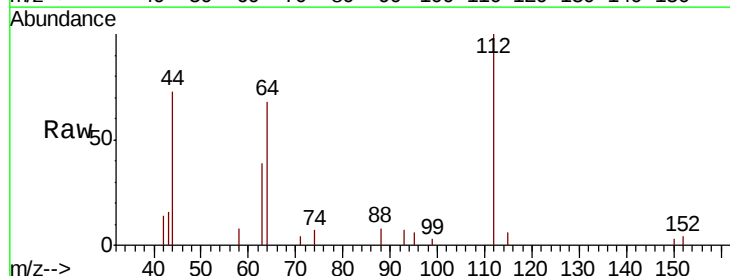
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



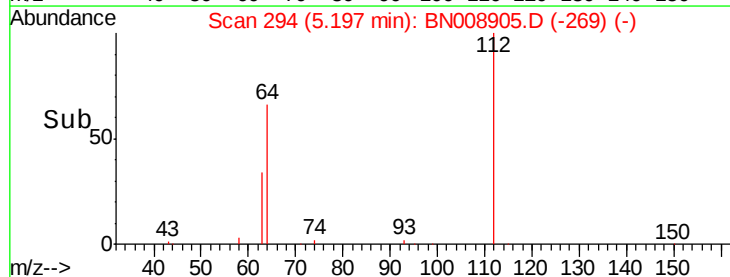
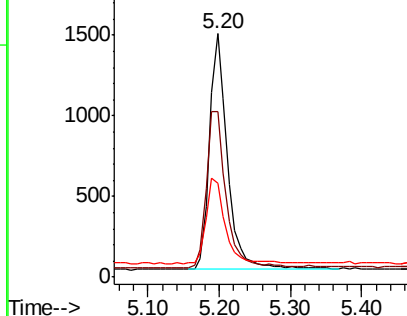
#4

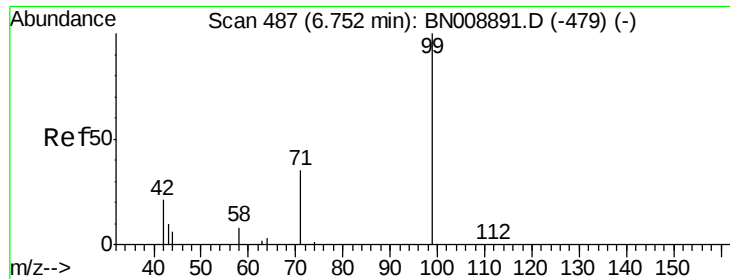
2-Fluorophenol
 Concen: 0.386 ng
 RT: 5.20 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BN008905.D
 Acq: 10 Dec 2019 14:26

Tgt Ion: 112 Resp: 2562
 Ion Ratio Lower Upper
 112 100
 64 72.2 57.7 86.5
 63 40.4 29.6 44.4



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





#5

Phenol-d6

Concen: 0.381 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

Instrument :

BNA_N

ClientSampleId :

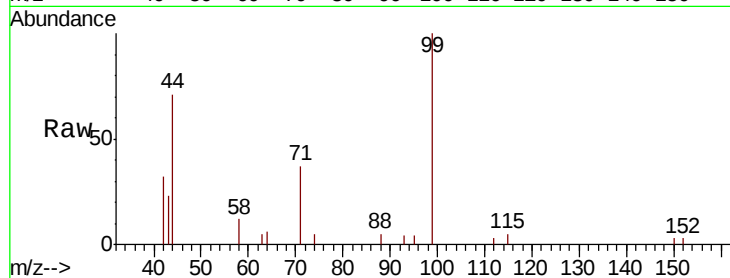
Tot Ion: 99 Resp: 3498

Ion Ratio Lower Upper

99 100

42 25.1 20.1 30.1

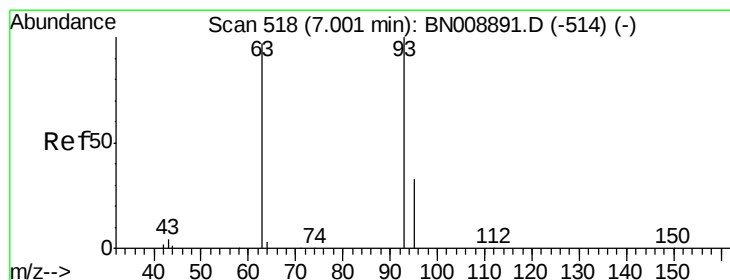
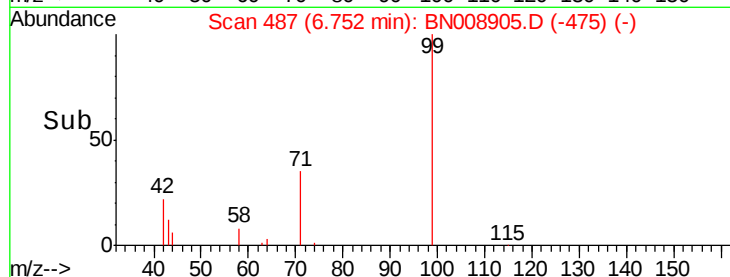
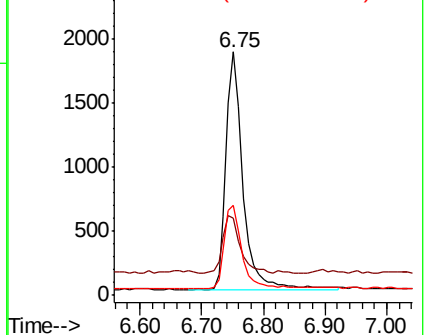
71 36.1 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BN008891.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN008891.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN008891.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.086 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

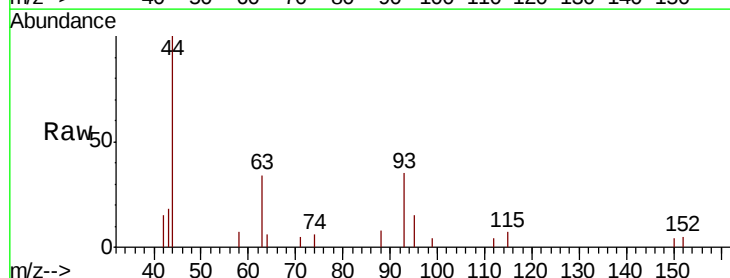
Tgt Ion: 93 Resp: 746

Ion Ratio Lower Upper

93 100

63 91.2 73.5 110.3

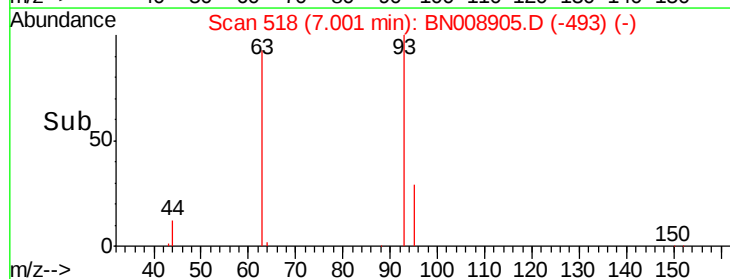
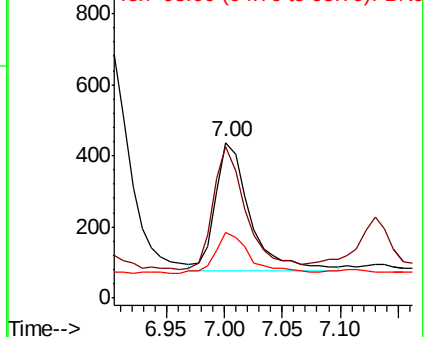
95 33.2 26.0 39.0

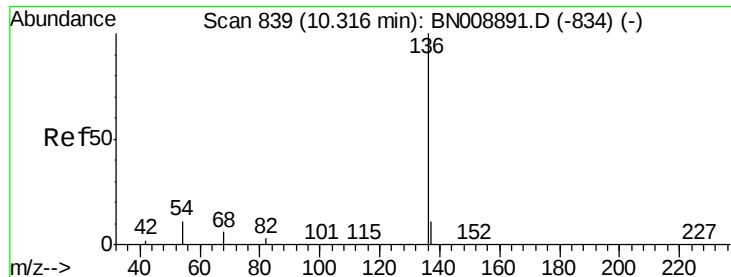


Abundance Ion 93.00 (92.70 to 93.70): BN008891.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN008891.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN008891.D (-514) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 10707

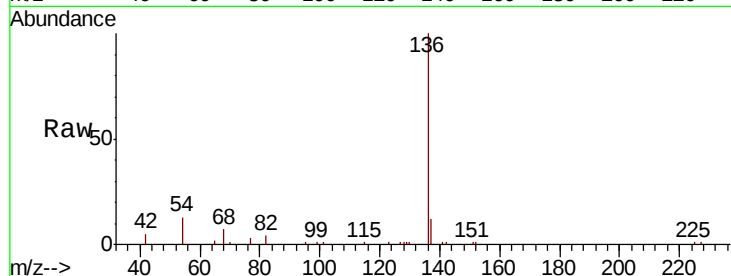
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 12.9 9.6 14.4

68 7.1 5.6 8.4

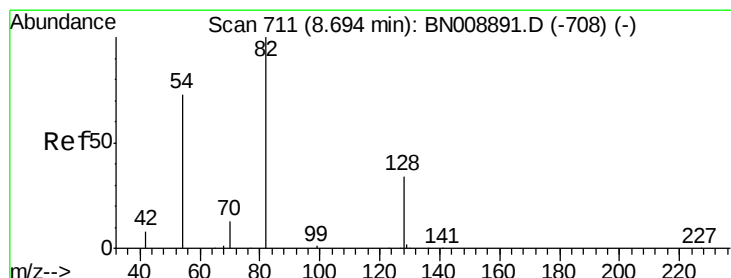
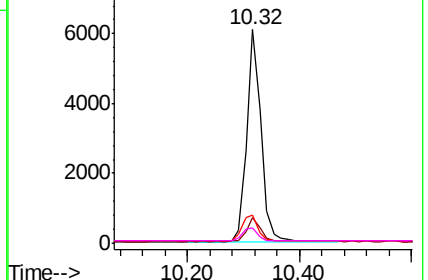
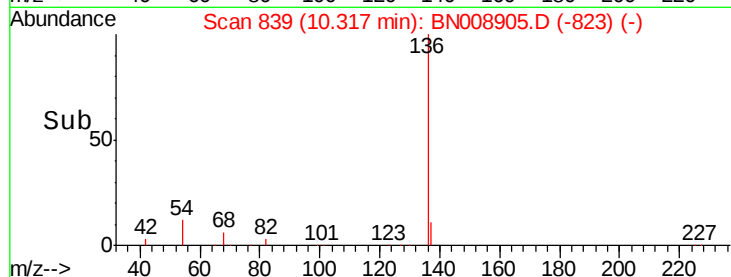


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.356 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

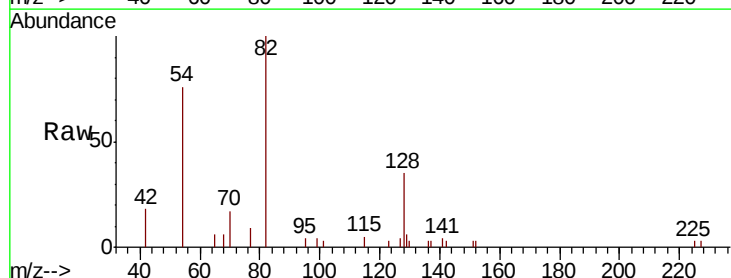
Tgt Ion: 82 Resp: 3236

Ion Ratio Lower Upper

82 100

128 35.4 29.1 43.7

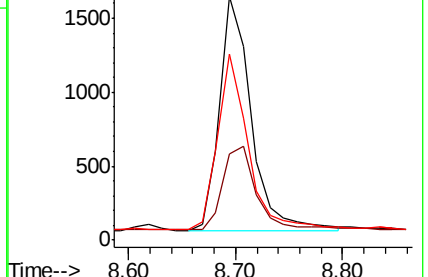
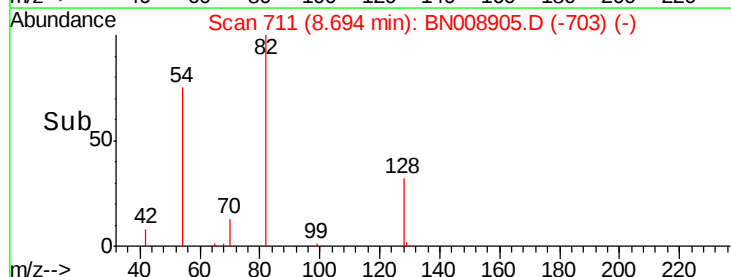
54 76.4 59.7 89.5

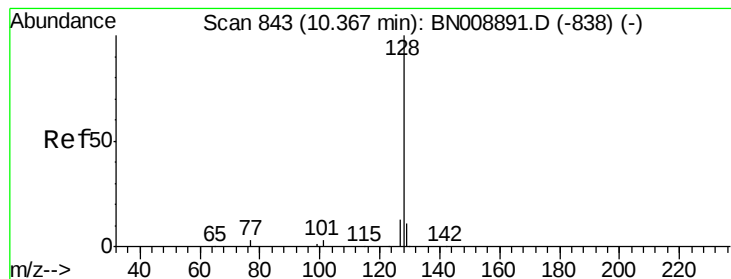


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.089 ng

RT: 10.37 min Scan# 843

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

Instrument :

BNA_N

ClientSampleId :

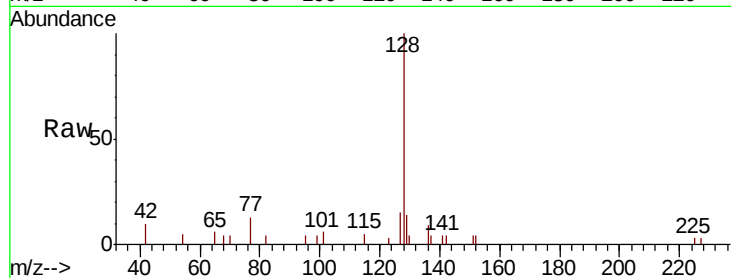
Tot Ion:128 Resp: 2604

Ion Ratio Lower Upper

128 100

129 14.4 9.4 14.0#

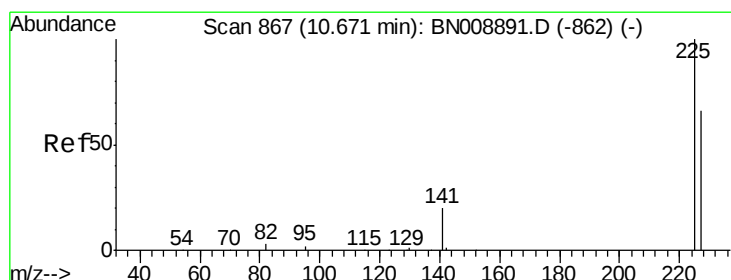
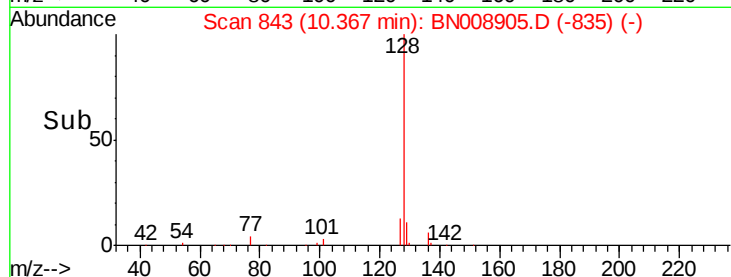
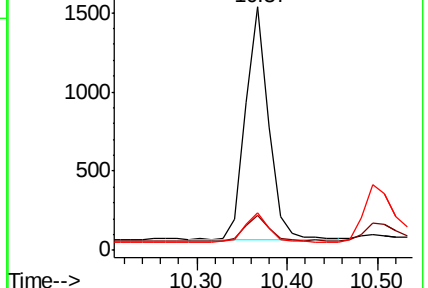
127 15.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.086 ng

RT: 10.67 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

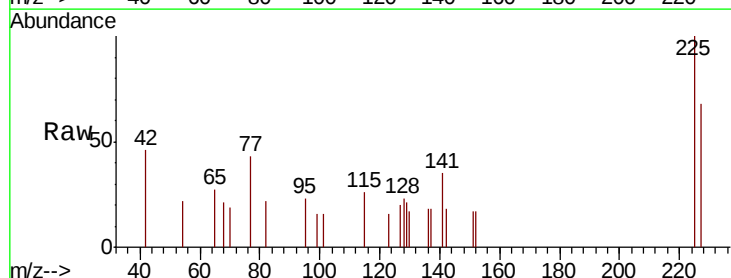
Tgt Ion:225 Resp: 478

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

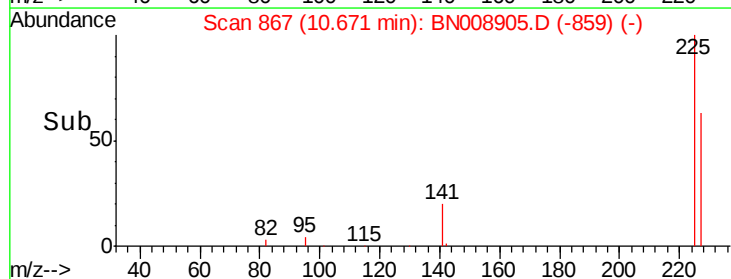
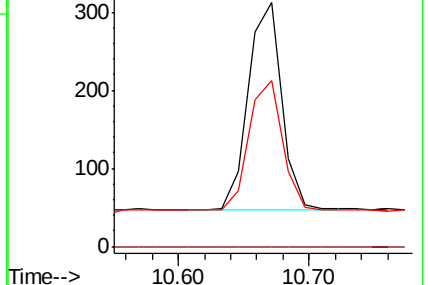
227 61.9 51.4 77.2

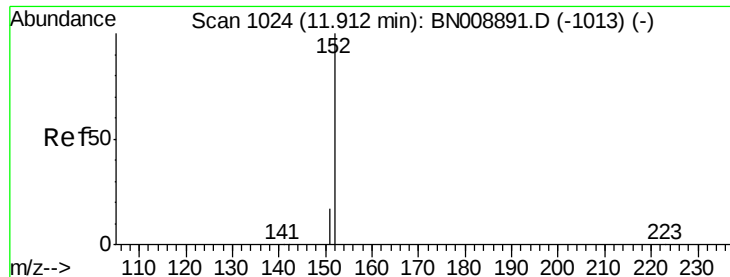


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

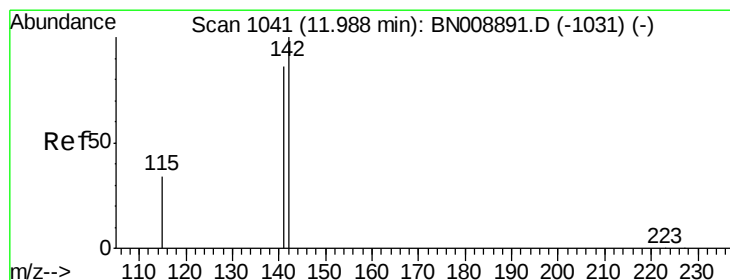
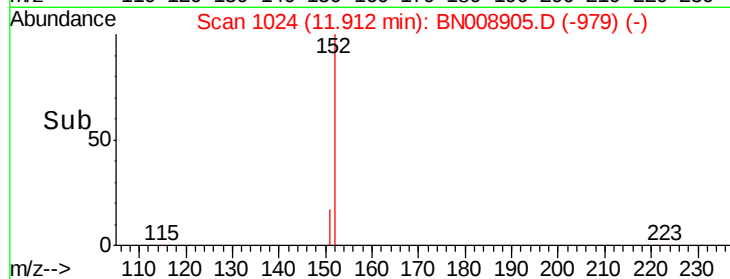
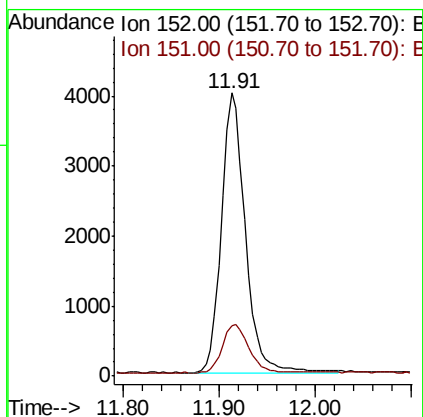
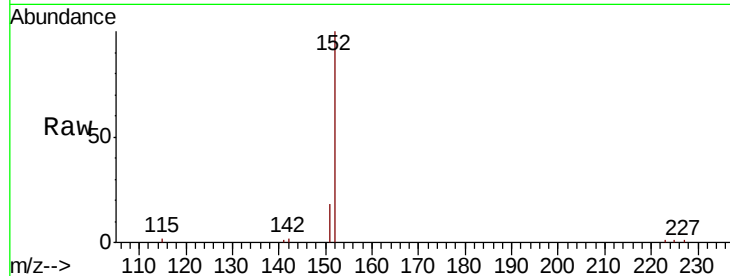




#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 11.91 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BN008905.D
Acq: 10 Dec 2019 14:26

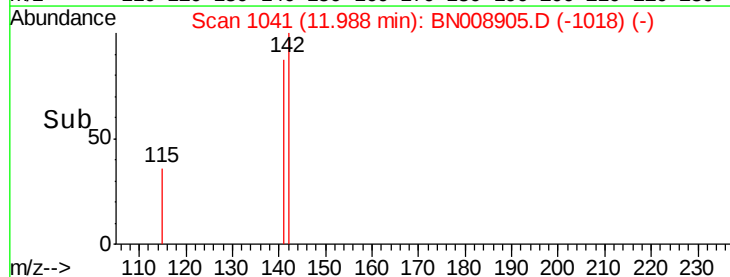
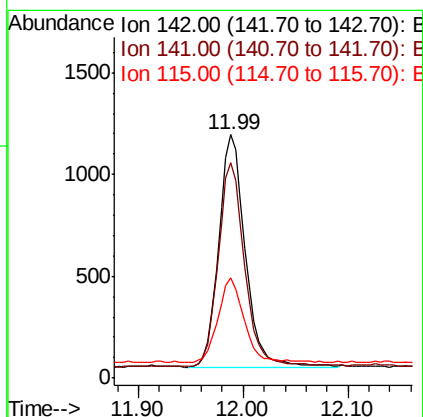
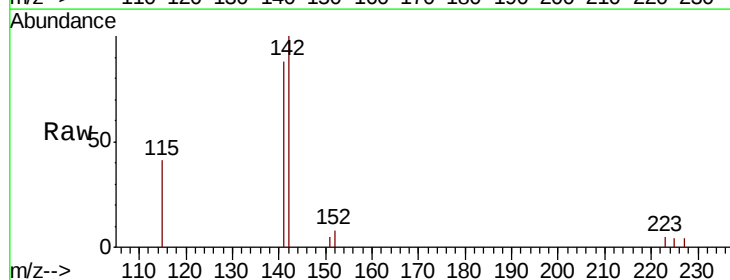
Instrument :
BNA_N
ClientSampleId :

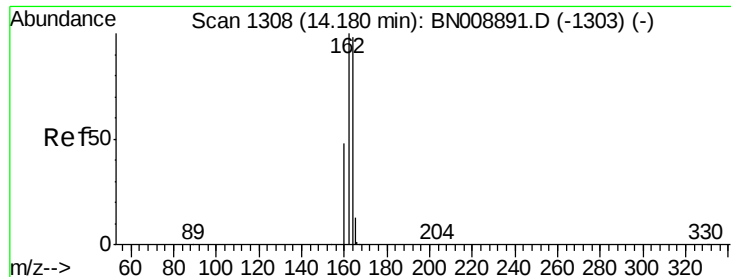
Tot Ion:152 Resp: 6897
Ion Ratio Lower Upper
152 100
151 18.9 15.2 22.8



#12
2-Methylnaphthalene
Concen: 0.092 ng
RT: 11.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BN008905.D
Acq: 10 Dec 2019 14:26

Tgt Ion:142 Resp: 1993
Ion Ratio Lower Upper
142 100
141 88.5 69.3 103.9
115 41.0 27.9 41.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

Instrument :

BNA_N

ClientSampleId :

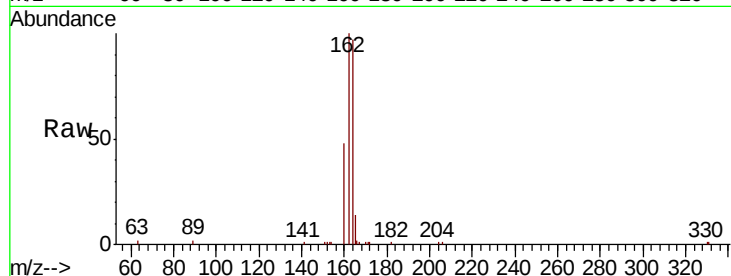
Tot Ion:164 Resp: 8031

Ion Ratio Lower Upper

164 100

162 102.8 81.9 122.9

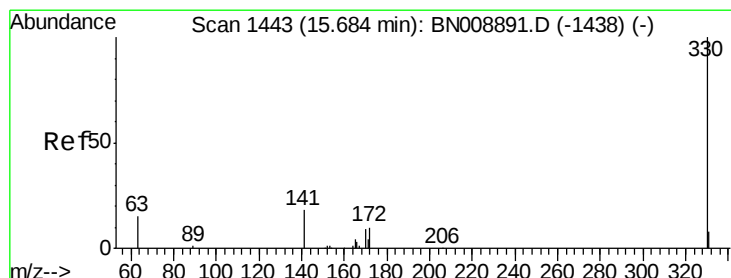
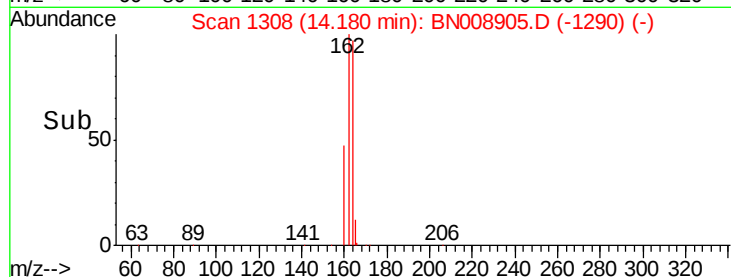
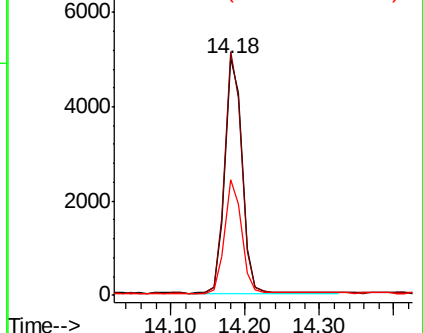
160 48.9 39.3 58.9



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: 0.333 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

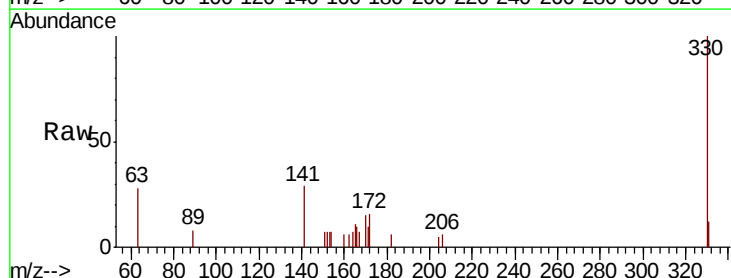
Tgt Ion:330 Resp: 1282

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

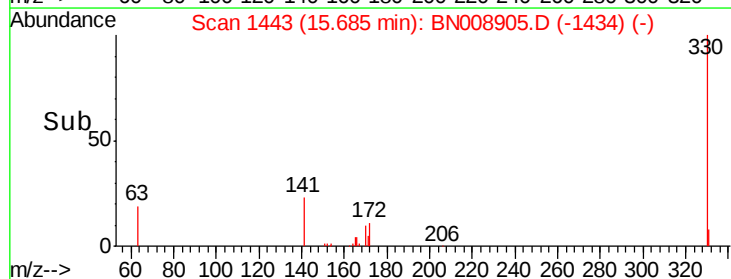
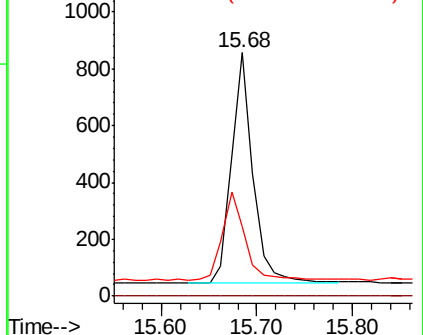
141 40.6 29.6 44.4

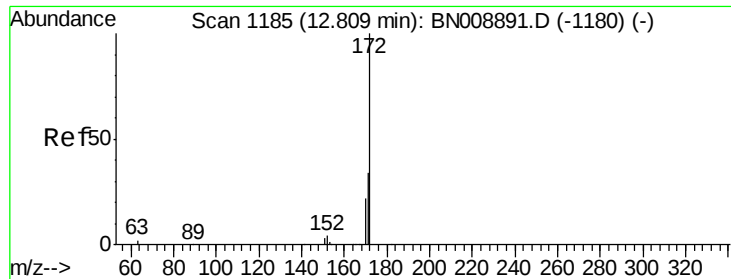


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

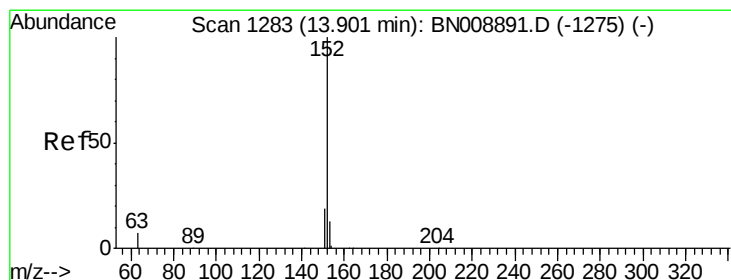
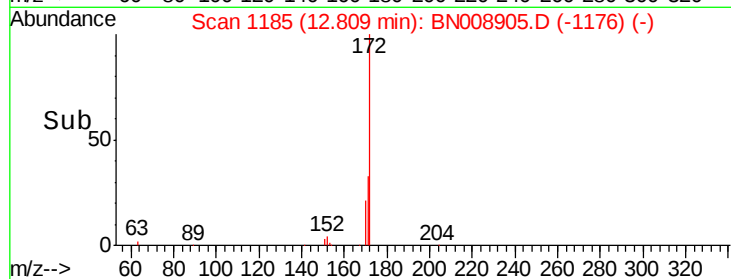
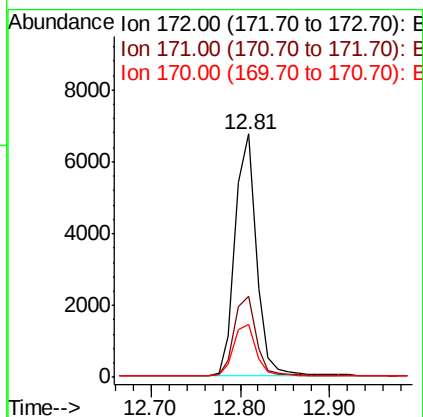
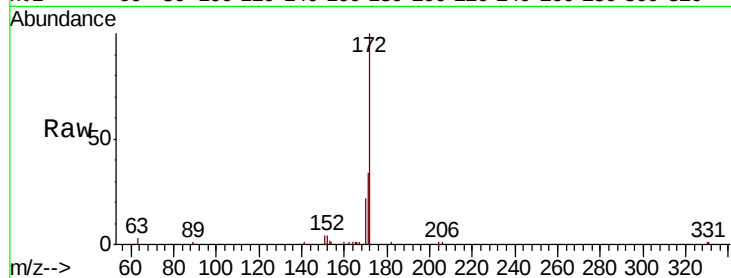




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.81 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN008905.D
Acq: 10 Dec 2019 14:26

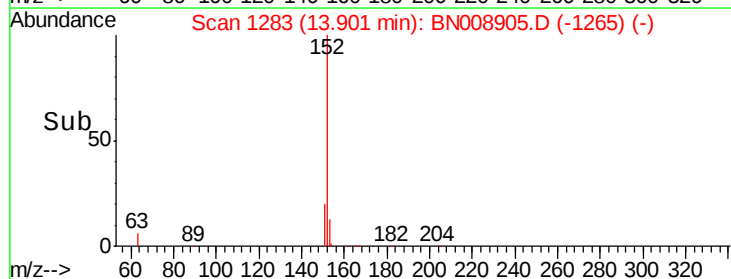
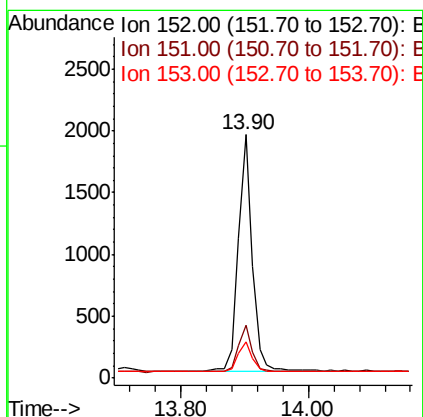
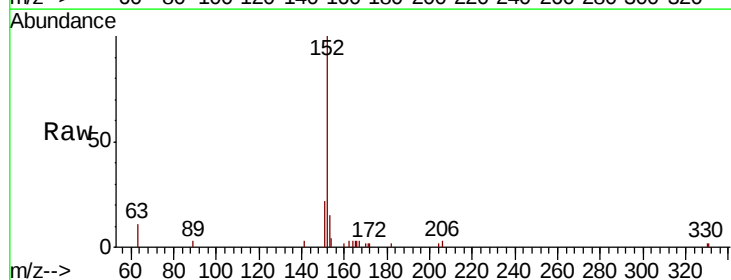
Instrument :
BNA_N
ClientSampleId :

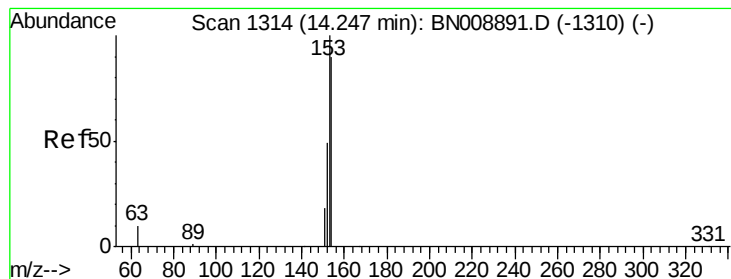
Tot Ion:172 Resp: 11152
Ion Ratio Lower Upper
172 100
171 33.5 27.1 40.7
170 21.9 17.7 26.5



#16
Acenaphthylene
Concen: 0.081 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008905.D
Acq: 10 Dec 2019 14:26

Tgt Ion:152 Resp: 2978
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9
153 13.0 10.3 15.5





#17

Acenaphthene

Concen: 0.086 ng

RT: 14.25 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

Instrument :

BNA_N

ClientSampleId :

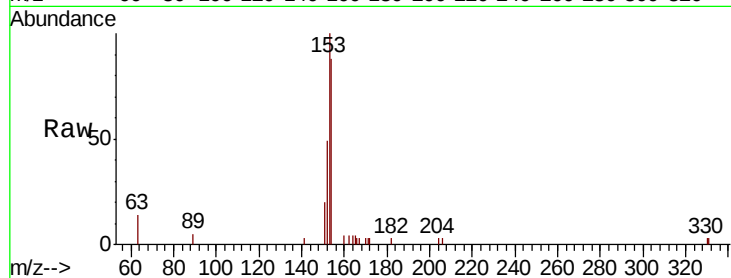
Tot Ion:154 Resp: 2102

Ion Ratio Lower Upper

154 100

153 112.2 89.2 133.8

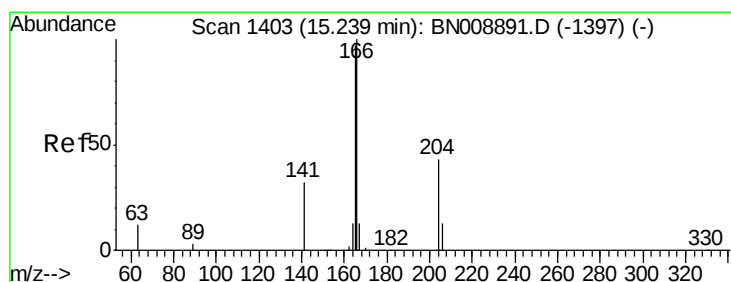
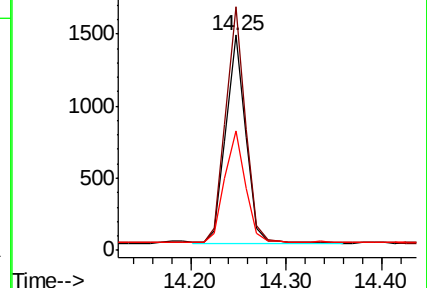
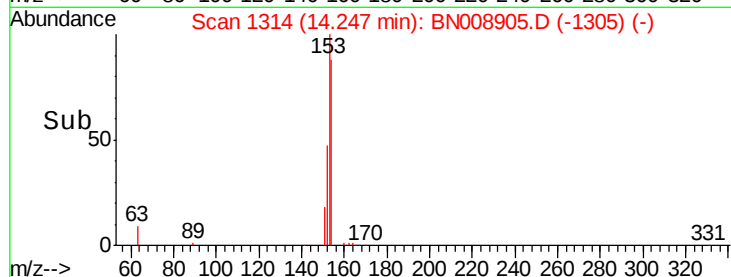
152 56.4 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.086 ng

RT: 15.24 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

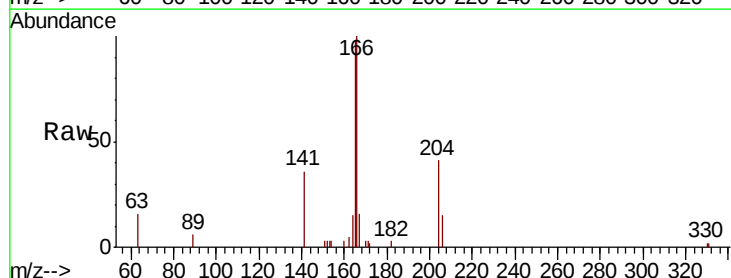
Tgt Ion:166 Resp: 2827

Ion Ratio Lower Upper

166 100

165 97.2 77.3 115.9

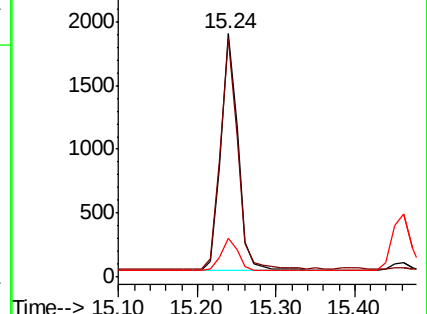
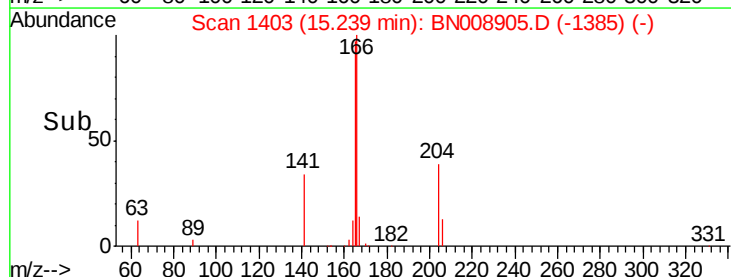
167 13.5 10.8 16.2

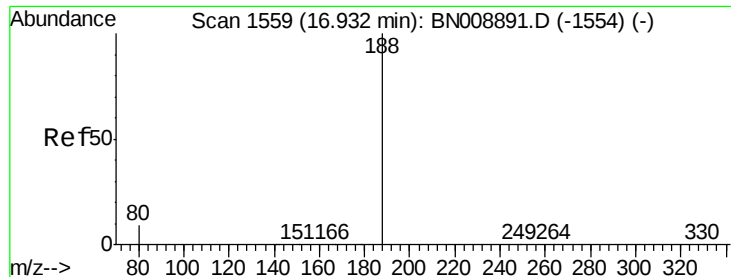


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

Instrument :

BNA_N

ClientSampleId :

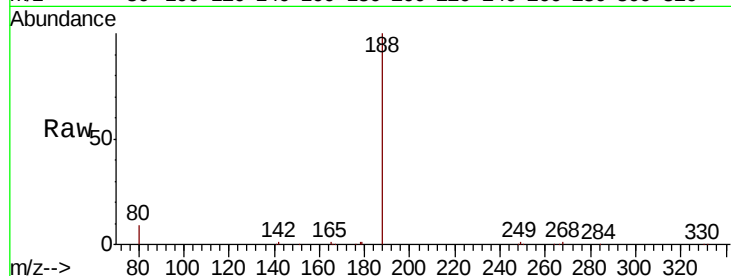
Tot Ion:188 Resp: 19133

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

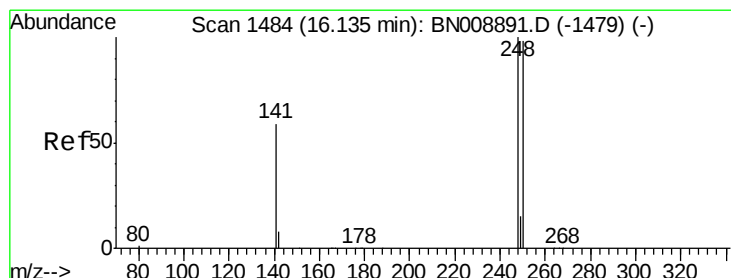
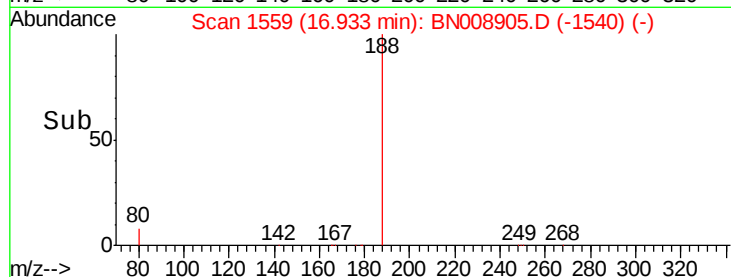
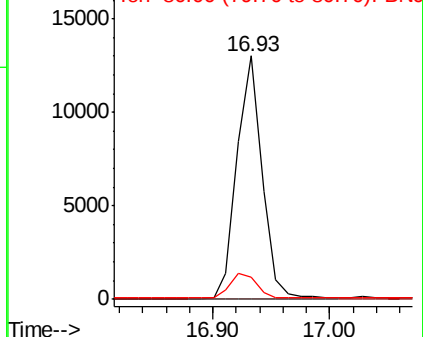
80 8.9 7.3 10.9



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: 0.083 ng

RT: 16.14 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

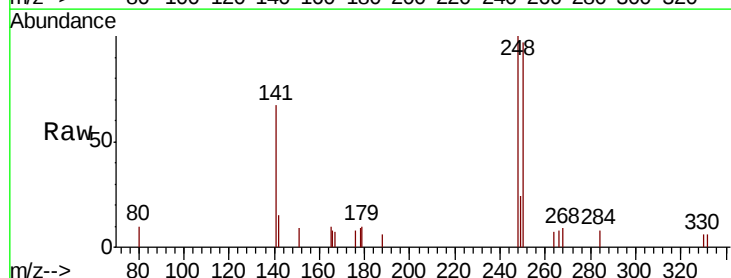
Tgt Ion:248 Resp: 949

Ion Ratio Lower Upper

248 100

250 97.2 78.7 118.1

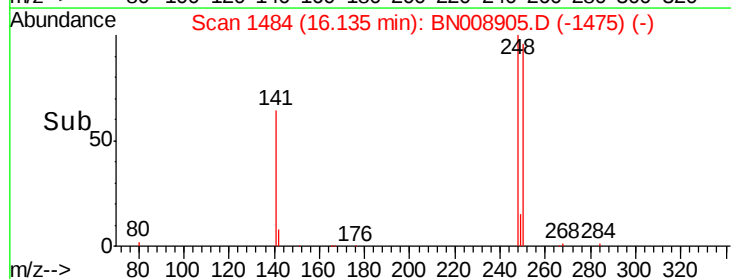
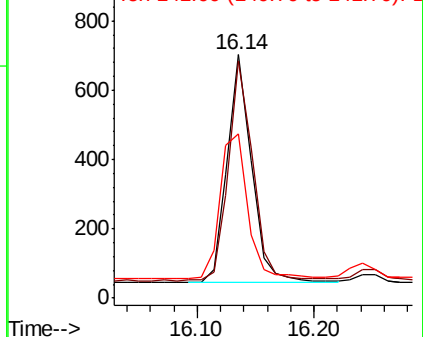
141 67.4 47.9 71.9

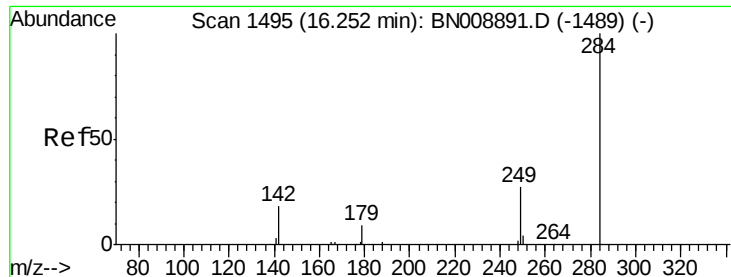


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.080 ng

RT: 16.25 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

Instrument :

BNA_N

ClientSampleId :

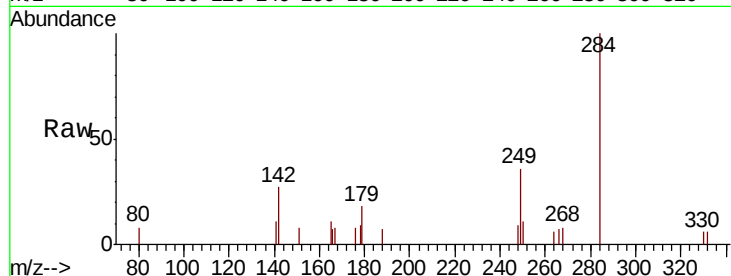
Tot Ion:284 Resp: 1039

Ion Ratio Lower Upper

284 100

142 37.0 27.8 41.6

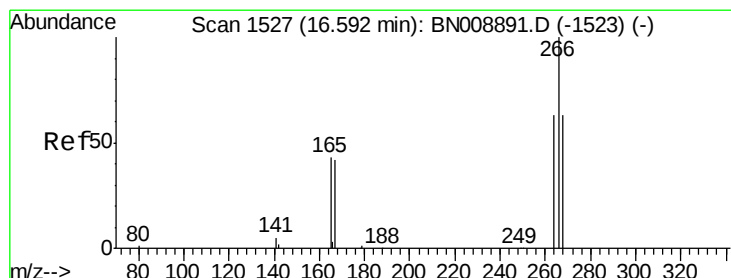
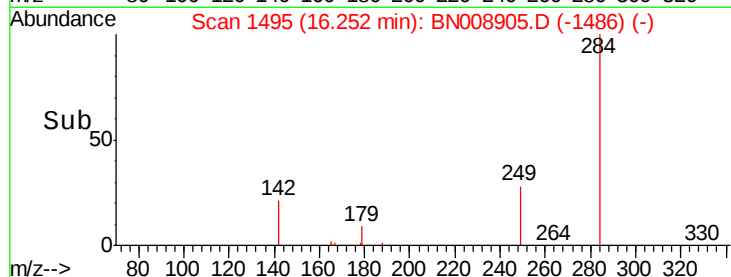
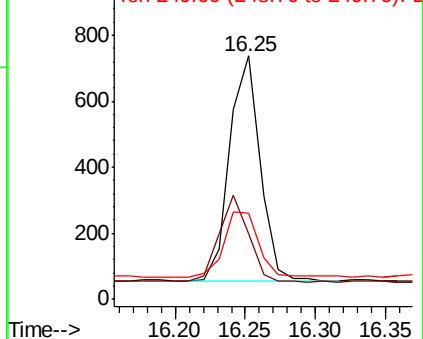
249 33.1 25.3 37.9



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: 0.089 ng

RT: 16.60 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

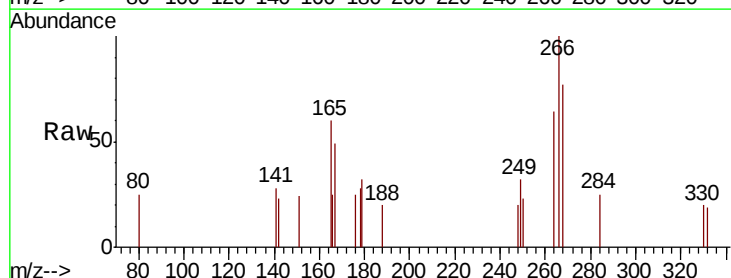
Tgt Ion:266 Resp: 417

Ion Ratio Lower Upper

266 100

264 63.8 51.5 77.3

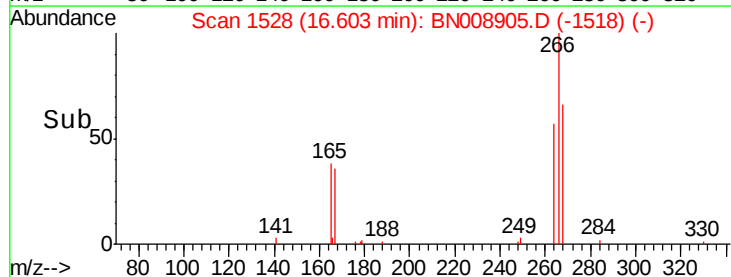
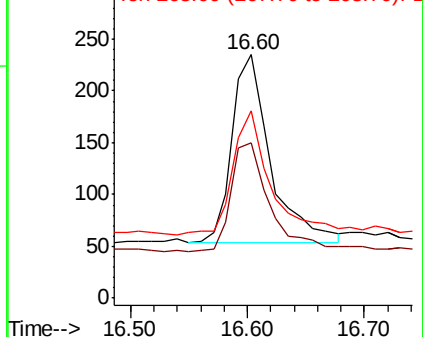
268 77.0 53.1 79.7

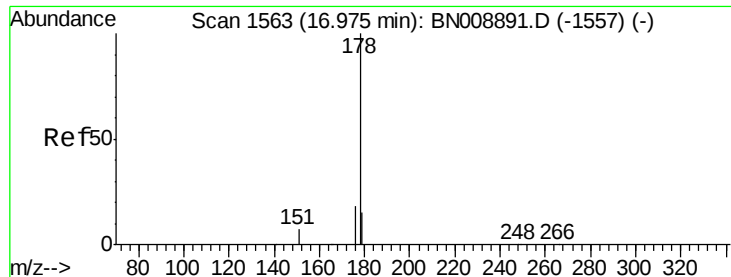


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.083 ng

RT: 16.98 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

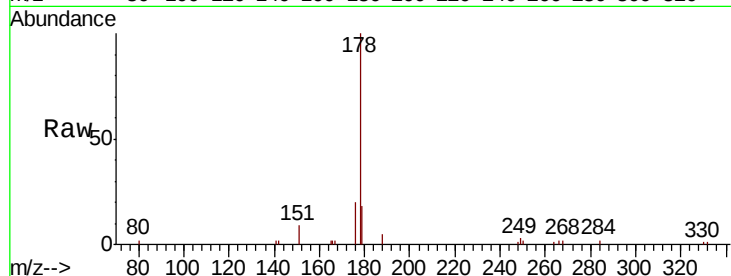
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 4987

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	16.7	12.3	18.5

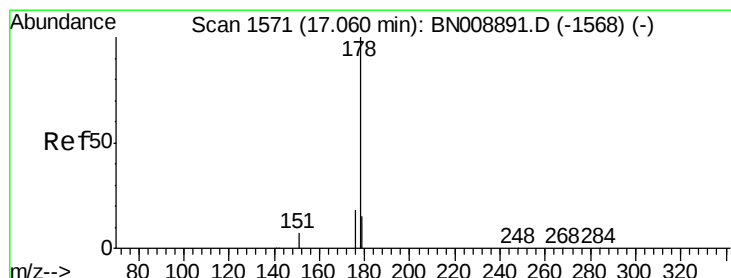
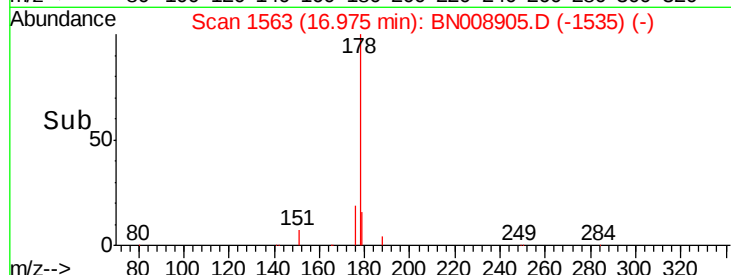
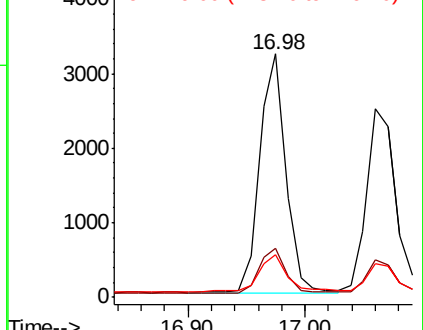


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.082 ng

RT: 17.06 min Scan# 1571

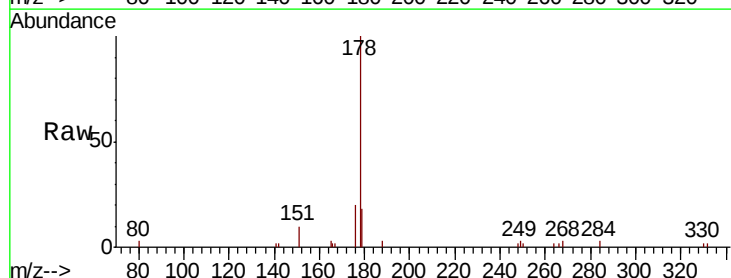
Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

Tgt Ion:178 Resp: 4364

Ion	Ratio	Lower	Upper
178	100		
176	17.2	14.4	21.6
179	14.6	12.1	18.1

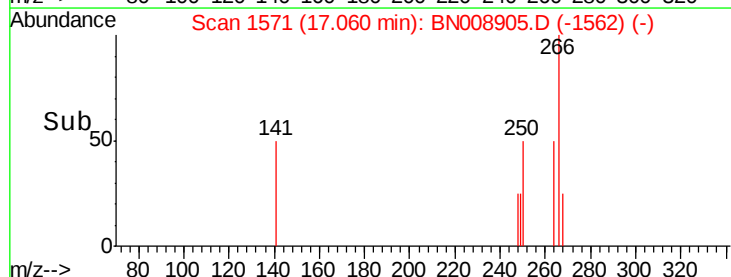
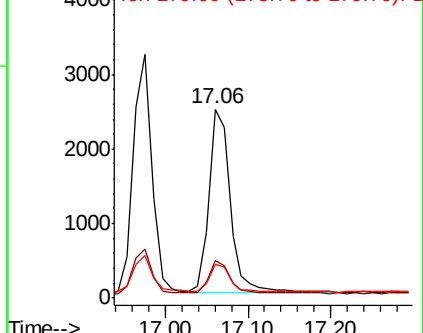


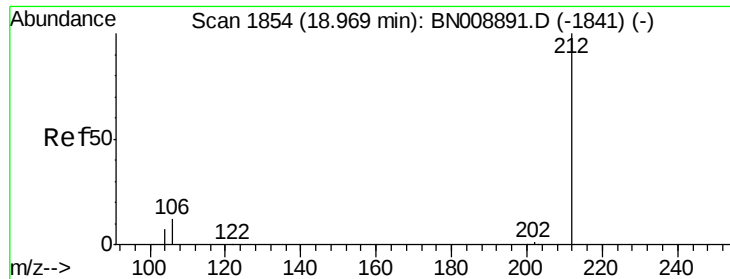
Abundance

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: 0.356 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

Instrument :

BNA_N

ClientSampleId :

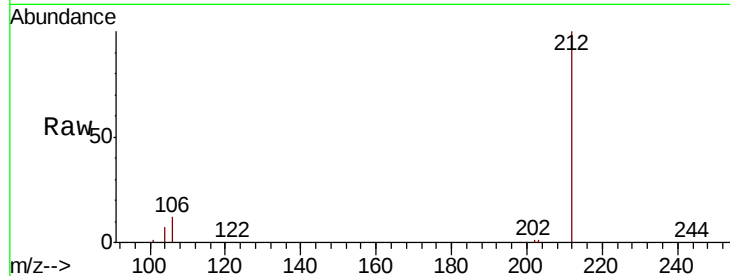
Tot Ion:212 Resp: 20639

Ion Ratio Lower Upper

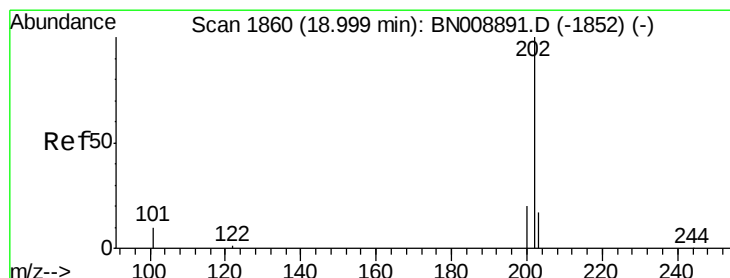
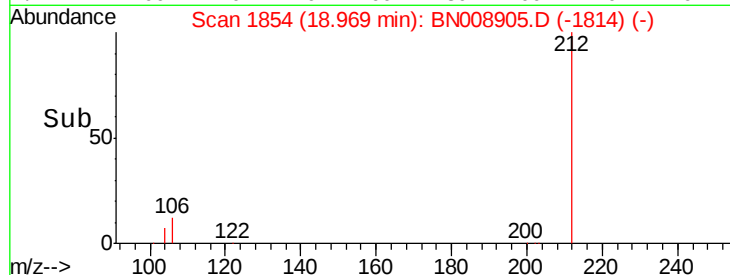
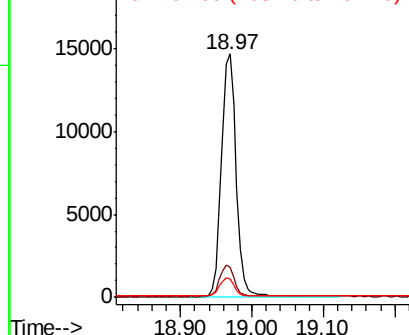
212 100

106 12.6 10.4 15.6

104 7.2 5.9 8.9



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: 0.083 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

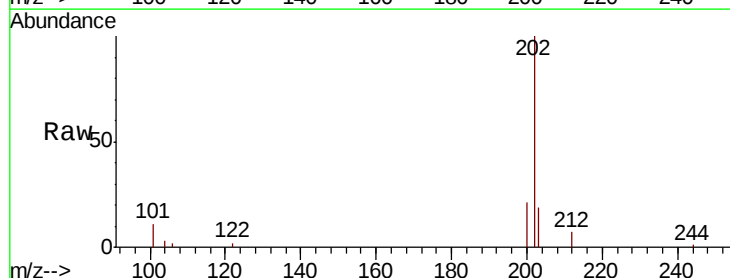
Tgt Ion:202 Resp: 5943

Ion Ratio Lower Upper

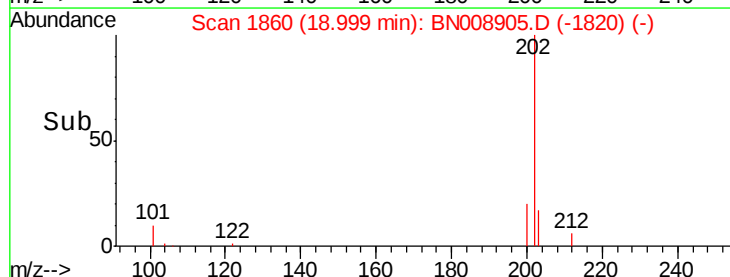
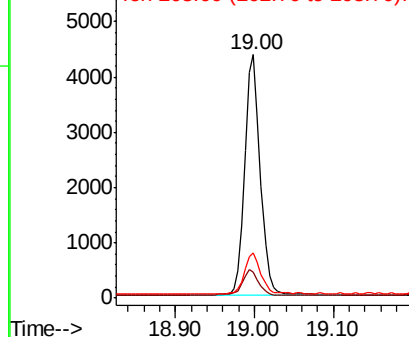
202 100

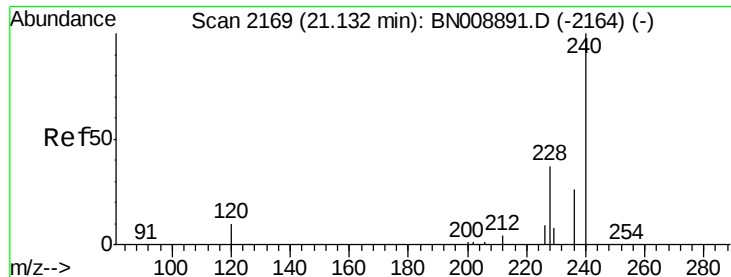
101 11.0 8.8 13.2

203 17.7 13.8 20.6



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

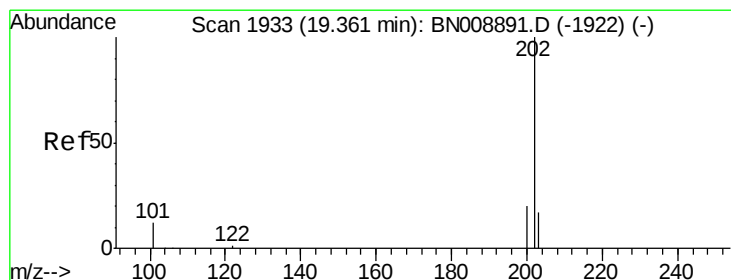
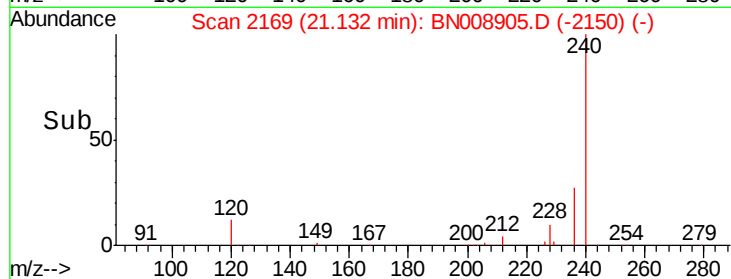
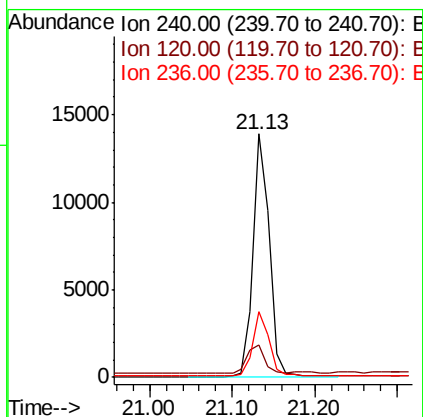
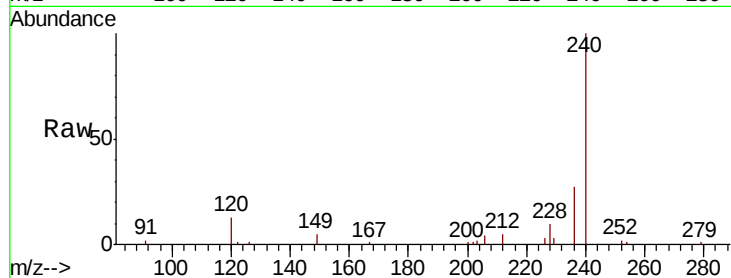




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.13 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BN008905.D
 Acq: 10 Dec 2019 14:26

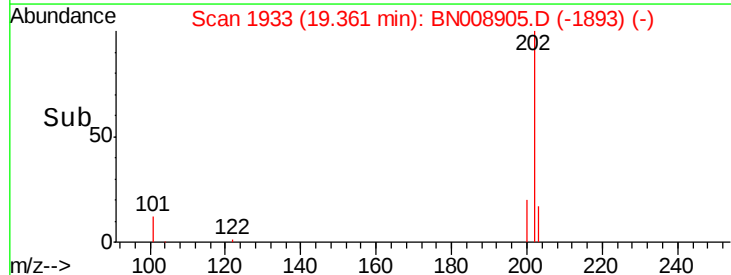
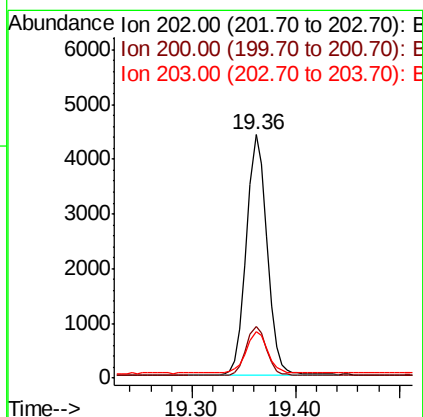
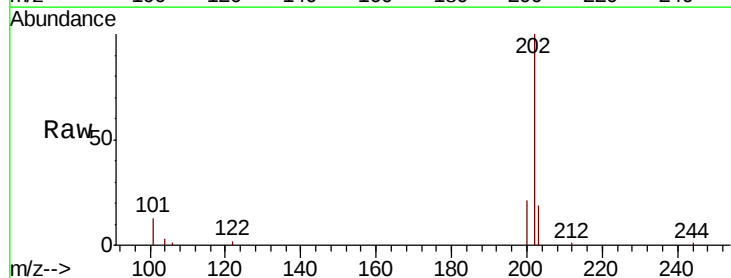
Instrument :
 BNA_N
 ClientSampleId :

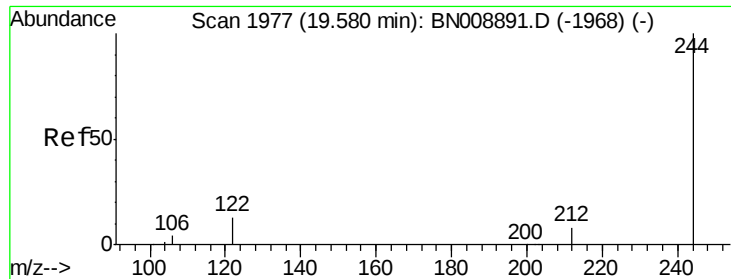
Tot Ion:240 Resp: 18461
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.1 13.7
 236 27.1 21.5 32.3



#28
 Pyrene
 Concen: 0.091 ng
 RT: 19.36 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: BN008905.D
 Acq: 10 Dec 2019 14:26

Tgt Ion:202 Resp: 5900
 Ion Ratio Lower Upper
 202 100
 200 20.3 16.1 24.1
 203 18.1 13.9 20.9





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

Instrument :

BNA_N

ClientSampleId :

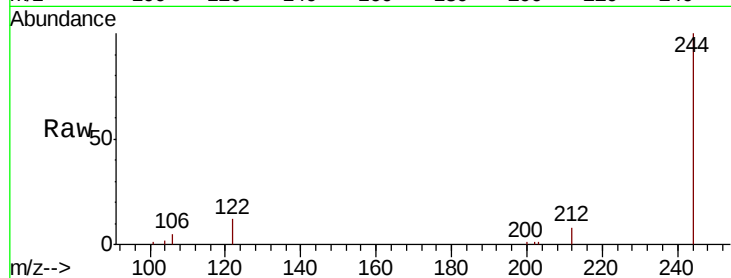
Tot Ion:244 Resp: 17018

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

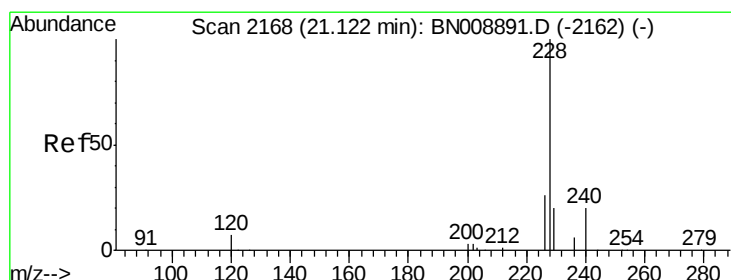
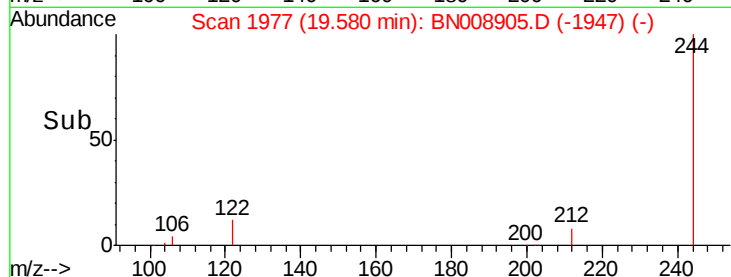
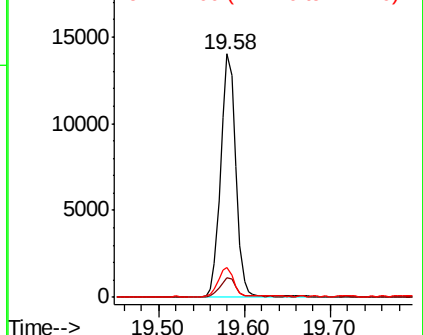
122 12.5 10.4 15.6



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: 0.085 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

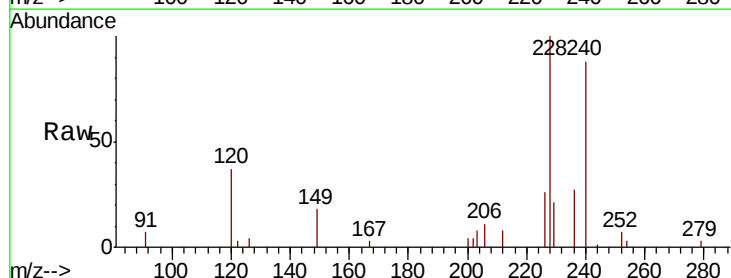
Tgt Ion:228 Resp: 5542

Ion Ratio Lower Upper

228 100

226 26.4 20.6 30.8

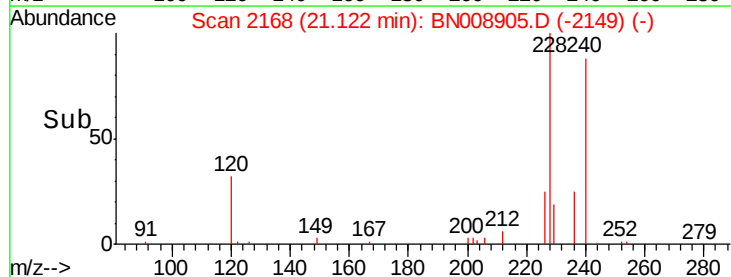
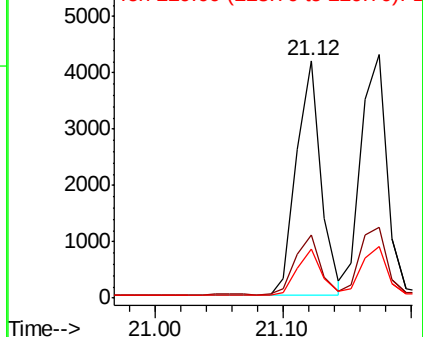
229 20.6 15.9 23.9

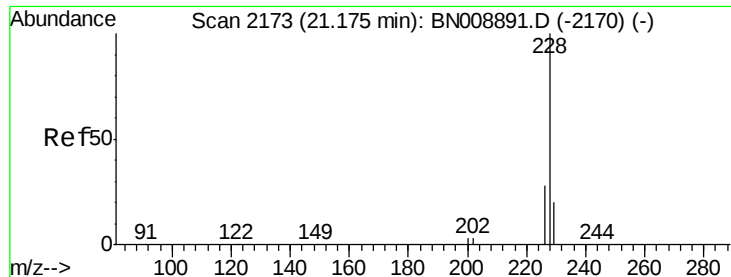


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.089 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

Instrument :

BNA_N

ClientSampleId :

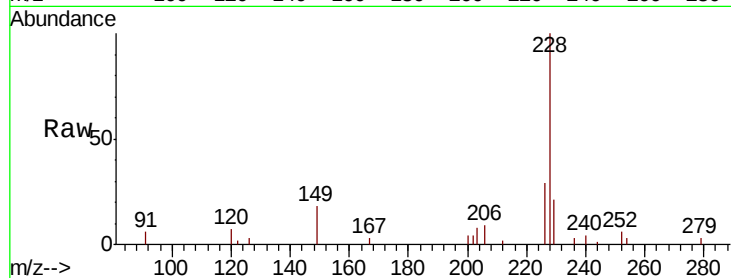
Tot Ion:228 Resp: 6010

Ion Ratio Lower Upper

228 100

226 29.2 22.2 33.4

229 21.2 15.9 23.9

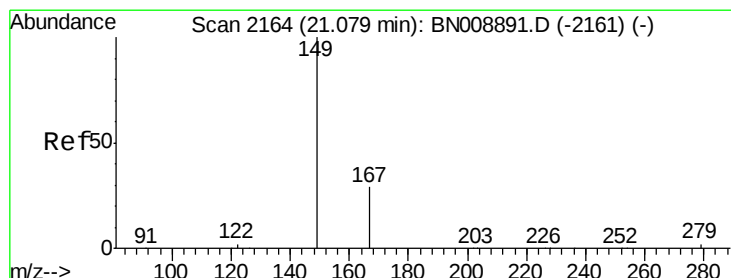
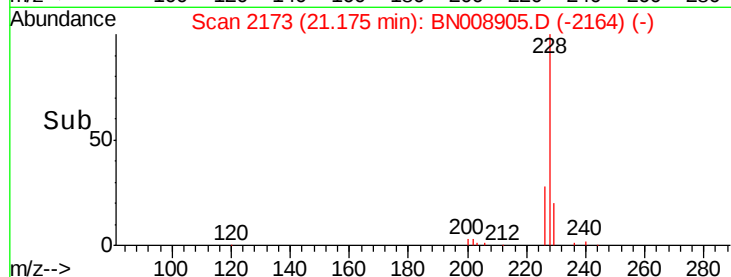
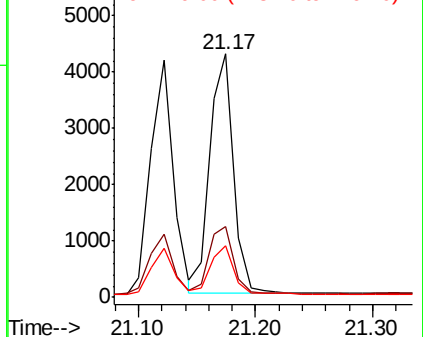


Abundance

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: 0.071 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

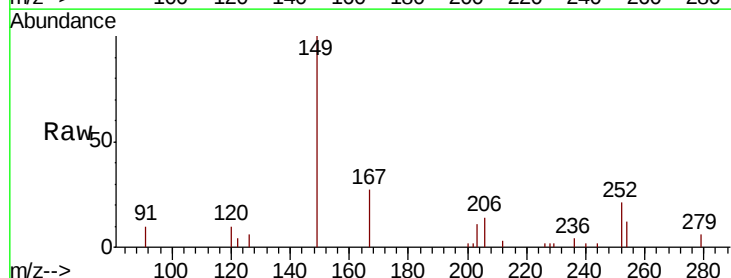
Tgt Ion:149 Resp: 2168

Ion Ratio Lower Upper

149 100

167 27.4 22.7 34.1

279 4.0 3.3 4.9

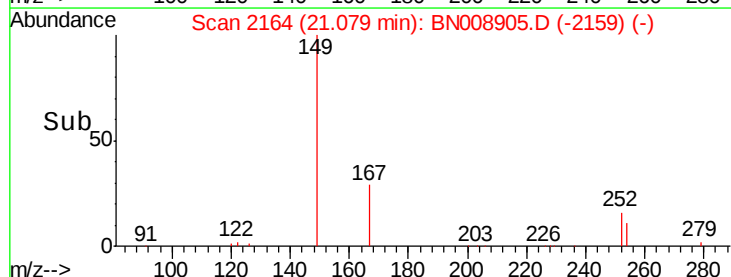
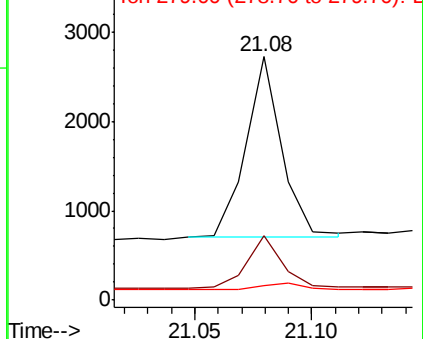


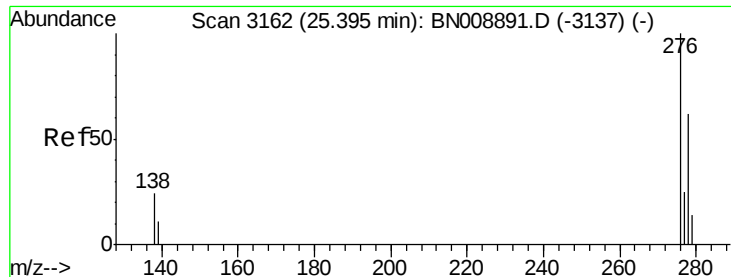
Abundance

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: 0.080 ng

RT: 25.40 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

Instrument :

BNA_N

ClientSampleId :

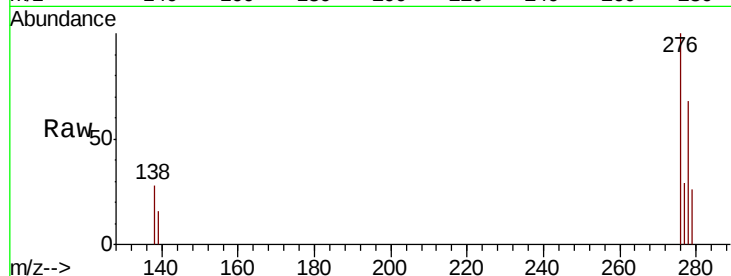
Tot Ion:276 Resp: 5746

Ion Ratio Lower Upper

276 100

138 25.8 19.9 29.9

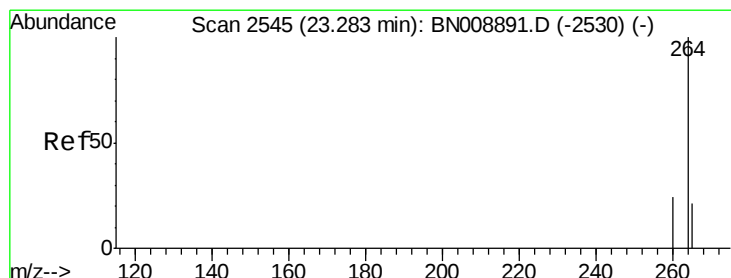
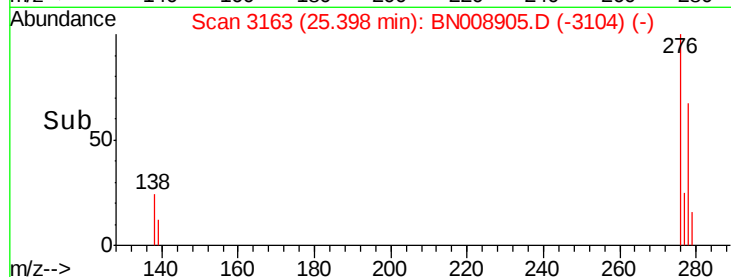
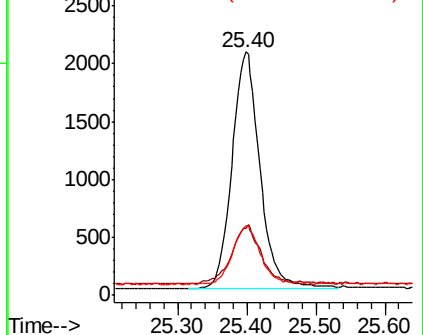
277 24.8 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.28 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

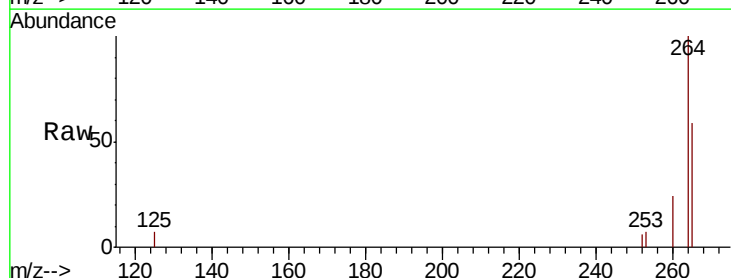
Tgt Ion:264 Resp: 18355

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

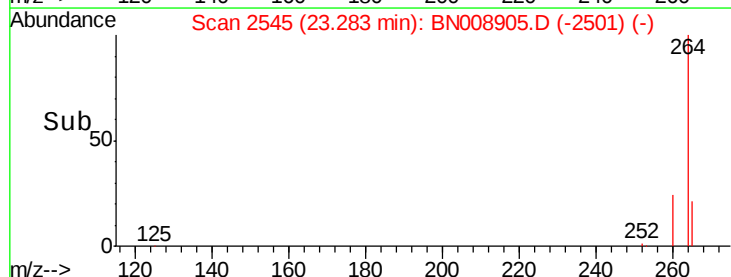
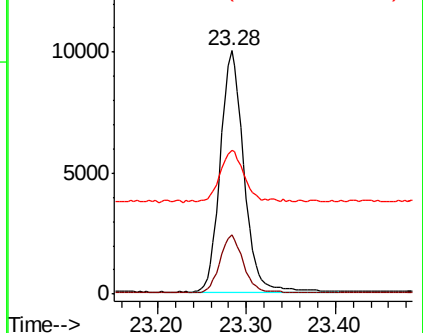
265 58.8 47.5 71.3

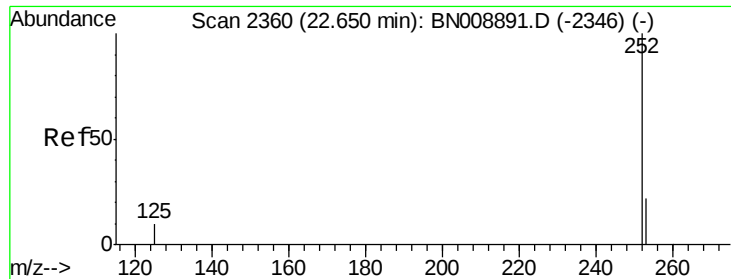


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

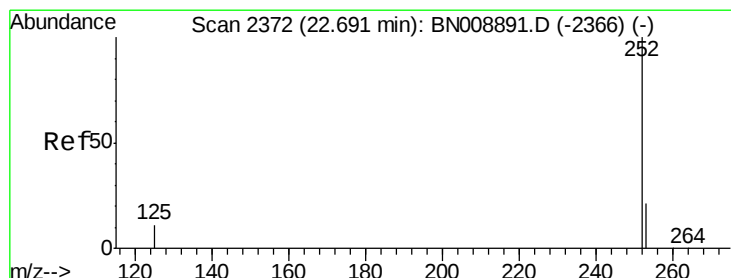
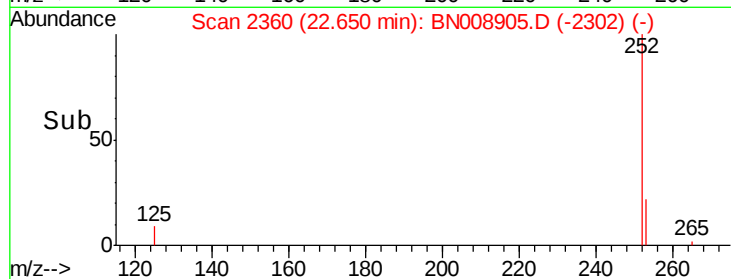
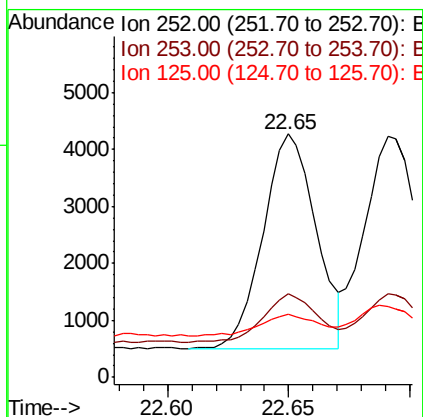
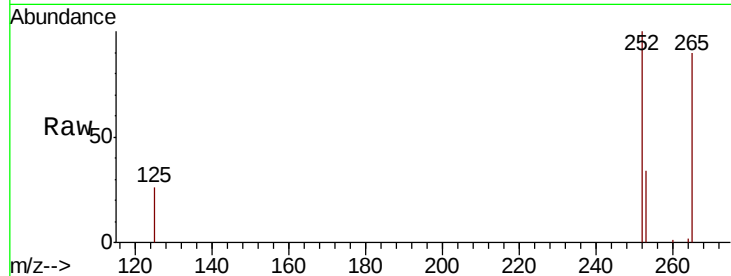




#35
Benzo(b)fluoranthene
Concen: 0.088 ng
RT: 22.65 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN008905.D
Acq: 10 Dec 2019 14:26

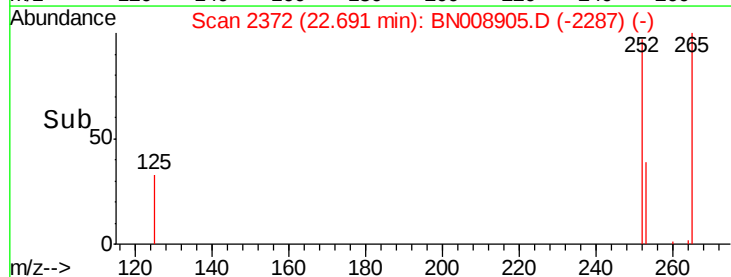
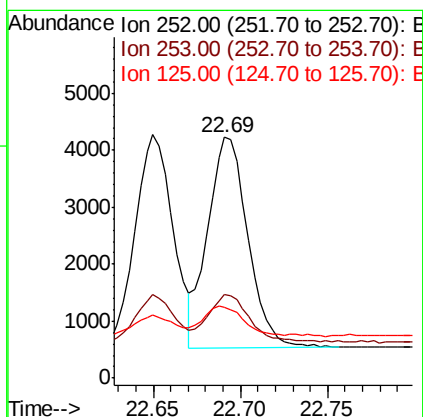
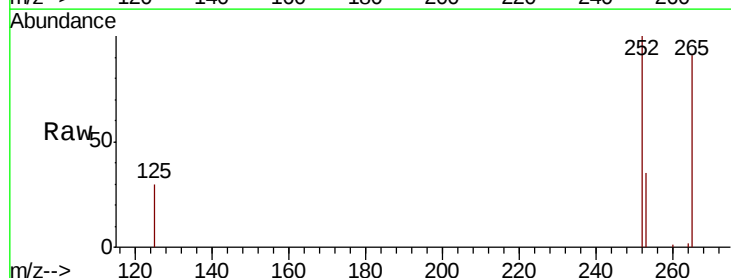
Instrument :
BNA_N
ClientSampleId :

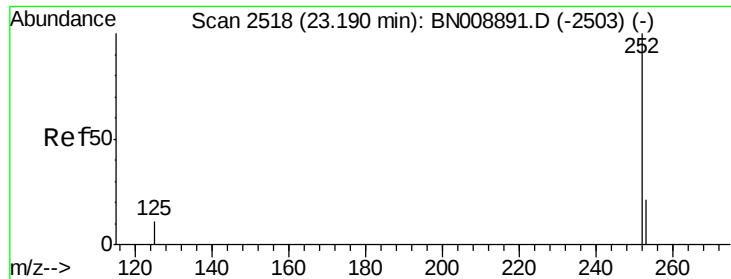
Tot Ion:252 Resp: 5779
Ion Ratio Lower Upper
252 100
253 34.2 19.8 29.6#
125 25.7 10.8 16.2#



#36
Benzo(k)fluoranthene
Concen: 0.090 ng
RT: 22.69 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BN008905.D
Acq: 10 Dec 2019 14:26

Tgt Ion:252 Resp: 5935
Ion Ratio Lower Upper
252 100
253 34.9 19.2 28.8#
125 29.7 11.6 17.4#





#37

Benzo(a)pyrene

Concen: 0.083 ng

RT: 23.19 min Scan# 2518

Delta R.T. 0.00 min

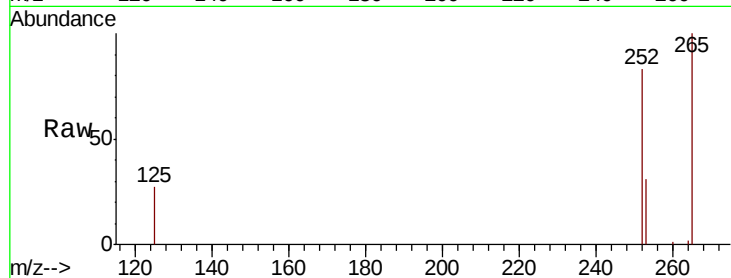
Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

Instrument :

BNA_N

ClientSampleId :



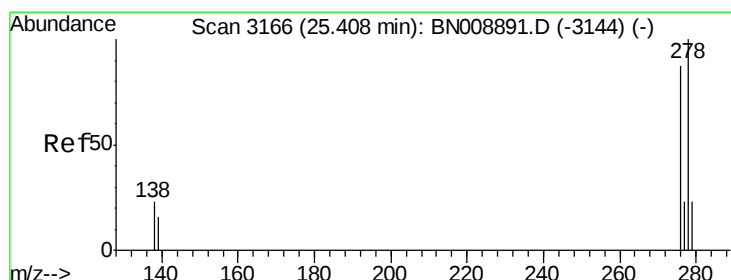
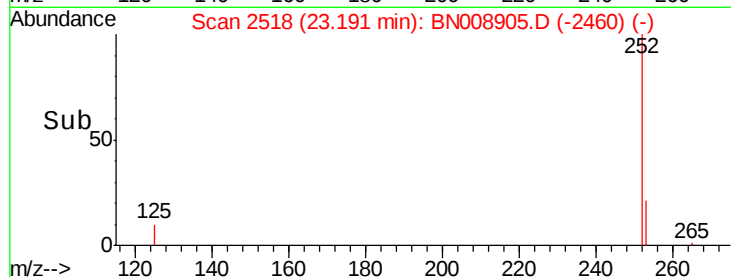
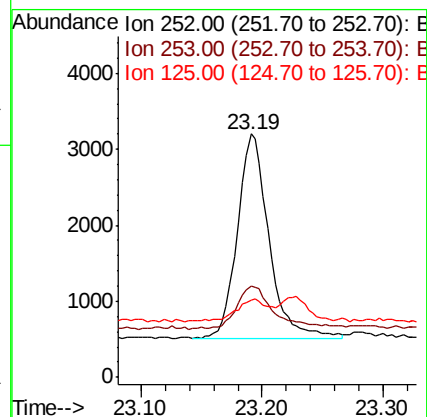
Tot Ion:252 Resp: 4916

Ion Ratio Lower Upper

252 100

253 37.7 19.9 29.9#

125 32.0 12.3 18.5#



#38

Dibenzo(a,h)anthracene

Concen: 0.085 ng

RT: 25.41 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

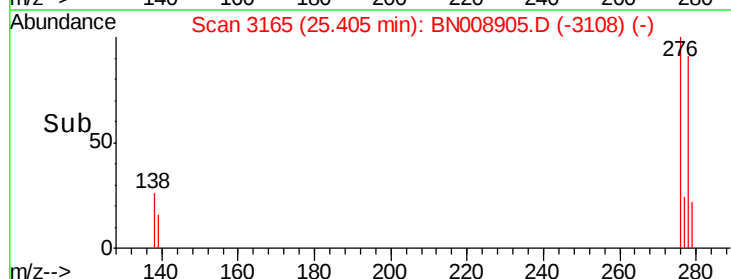
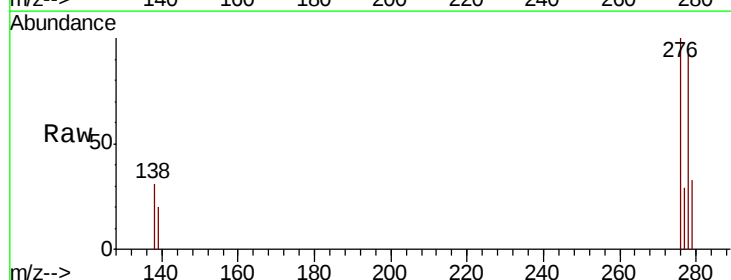
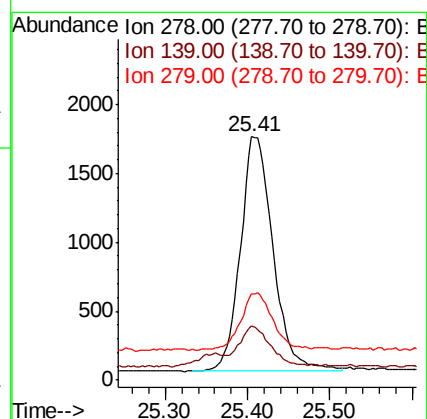
Tgt Ion:278 Resp: 4695

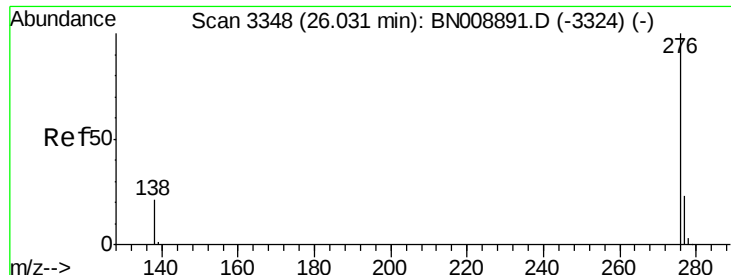
Ion Ratio Lower Upper

278 100

139 22.2 13.9 20.9#

279 35.5 20.2 30.4#





#39

Benzo(a,h,i)perylene

Concen: 0.090 ng

RT: 26.04 min Scan# 3350

Delta R.T. 0.01 min

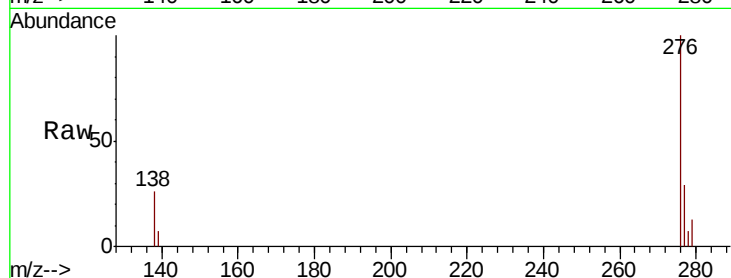
Lab File: BN008905.D

Acq: 10 Dec 2019 14:26

Instrument :

BNA_N

ClientSampleId :



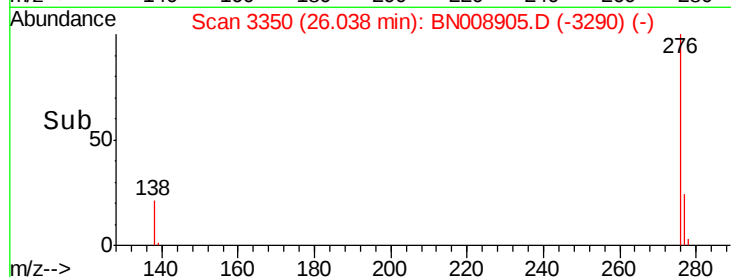
Tot Ion: 276 Resp: 4924

Ion Ratio Lower Upper

276 100

277 28.6 19.4 29.2

138 26.5 17.8 26.6



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

