

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061620\
 Data File : BN010905.D
 Acq On : 16 Jun 2020 14:07
 Operator : CG/JU
 Sample : L2993-04MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SS043MW014-200610MSD

Quant Time: Jun 16 14:36:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2463	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8921	0.40	ng	-0.01
13) Acenaphthene-d10	14.16	164	5192	0.40	ng	-0.01
19) Phenanthrene-d10	16.91	188	10717	0.40	ng	-0.01
27) Chrysene-d12	21.12	240	10240	0.40	ng	-0.01
34) Perylene-d12	23.27	264	11073	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	926	0.19	ng	0.00
5) Phenol-d6	6.74	99	574	0.10	ng	0.00
8) Nitrobenzene-d5	8.68	82	2458	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	4409	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.66	330	626	0.34	ng	-0.01
15) 2-Fluorobiphenyl	12.79	172	6787	0.33	ng	0.00
25) Fluoranthene-d10	18.95	212	10462	0.35	ng	0.00
29) Terphenyl-d14	19.57	244	9639	0.40	ng	0.00

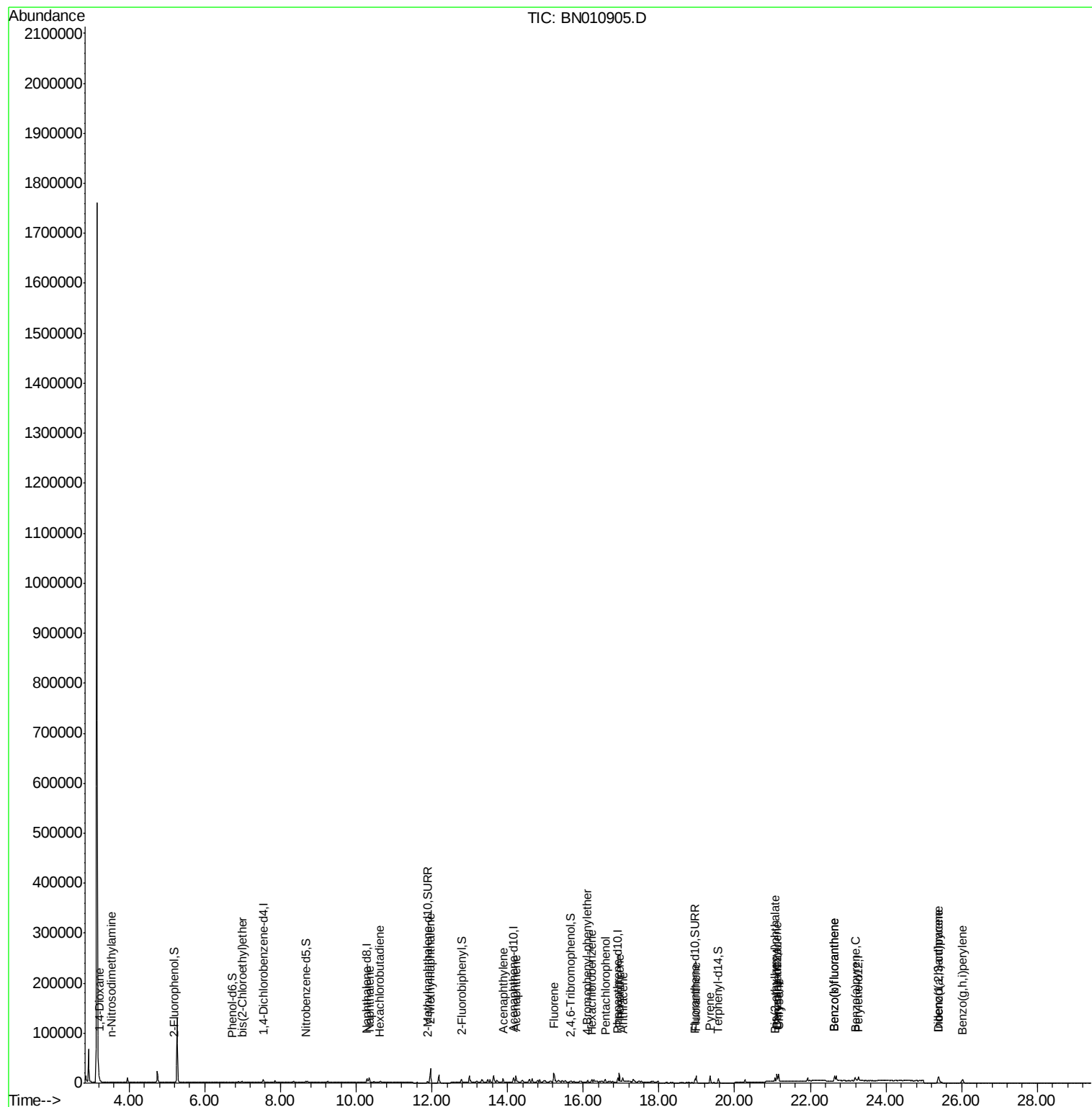
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	931	0.386	ng	# 79
3) n-Nitrosodimethylamine	3.52	42	589	0.420	ng	# 93
6) bis(2-Chloroethyl)ether	6.99	93	2326	0.426	ng	95
9) Naphthalene	10.34	128	13355	0.596	ng	99
10) Hexachlorobutadiene	10.63	225	1788	0.323	ng	# 99
12) 2-Methylnaphthalene	11.96	142	21283	1.419	ng	98
16) Acenaphthylene	13.88	152	7755	0.365	ng	# 95
17) Acenaphthene	14.22	154	5394	0.372	ng	93
18) Fluorene	15.22	166	8585	0.459	ng	# 91
20) 4-Bromophenyl-phenylether	16.11	248	2066	0.321	ng	# 77
21) Hexachlorobenzene	16.23	284	2142	0.319	ng	95
22) Pentachlorophenol	16.58	266	2541	1.127	ng	94
23) Phenanthrene	16.95	178	19057	0.651	ng	99
24) Anthracene	17.05	178	9058	0.371	ng	97
26) Fluoranthene	18.98	202	12555	0.378	ng	# 98
28) Pyrene	19.35	202	13332	0.394	ng	97
30) Benzo(a)anthracene	21.11	228	11355	0.377	ng	99
31) Chrysene	21.16	228	13248	0.378	ng	97
32) Bis(2-ethylhexyl)phthalate	21.07	149	5203	0.518	ng	# 96
33) Indeno(1,2,3-cd)pyrene	25.38	276	14576	0.372	ng	# 94
35) Benzo(b)fluoranthene	22.64	252	12223	0.325	ng	# 97
36) Benzo(k)fluoranthene	22.64	252	12223	0.305	ng	98
37) Benzo(a)pyrene	23.18	252	10803	0.335	ng	96
38) Dibenzo(a,h)anthracene	25.39	278	11851	0.322	ng	98
39) Benzo(g,h,i)perylene	26.02	276	12597	0.327	ng	97

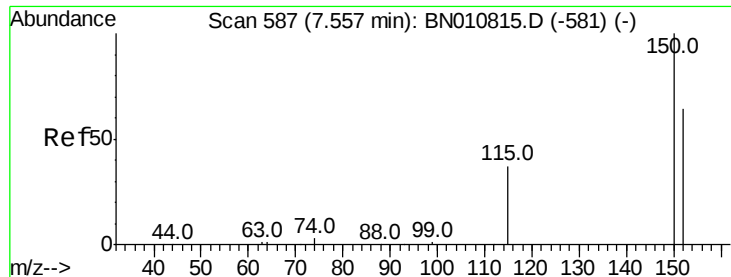
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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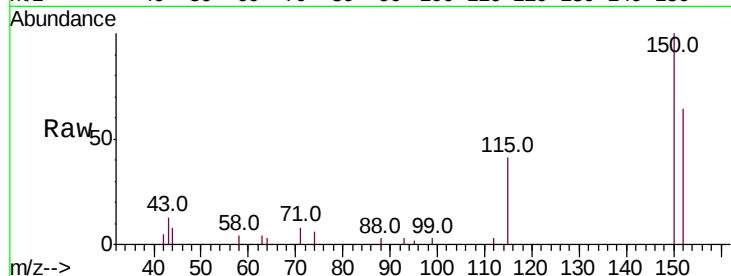


#1

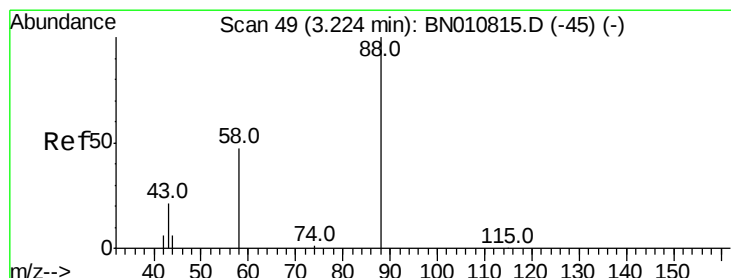
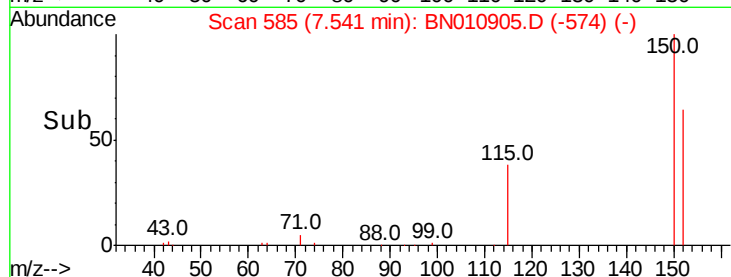
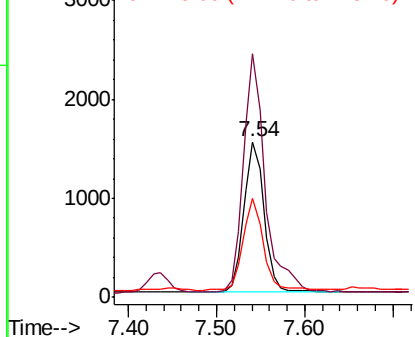
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Instrument :
BNA_N
ClientSampleId :
SS043MW014-200610MSD

Tot Ion:152 Resp: 2463
Ion Ratio Lower Upper
152 100
150 156.3 123.8 185.6
115 63.7 49.2 73.8



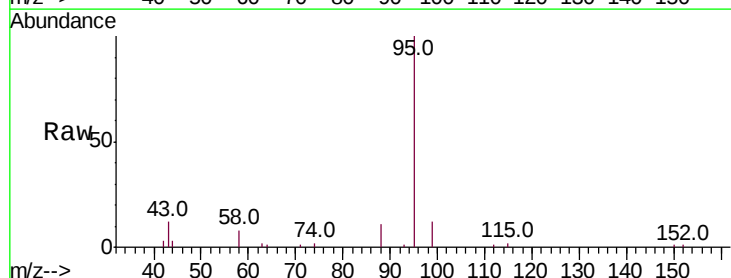
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



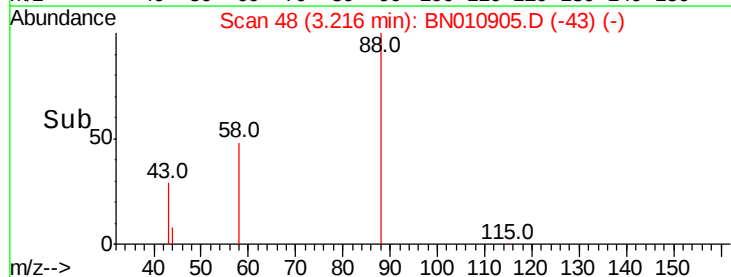
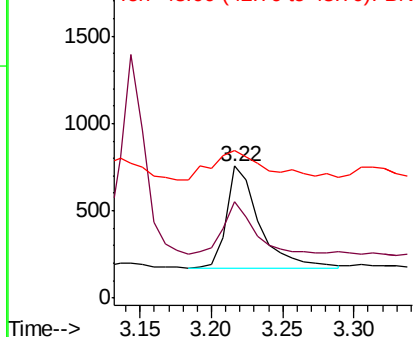
#2

1,4-Dioxane
Concen: 0.386 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion: 88 Resp: 931
Ion Ratio Lower Upper
88 100
58 46.9 38.2 57.4
43 50.8 15.1 22.7#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.420 ng

RT: 3.52 min Scan# 86

Delta R.T. -0.02 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MSD

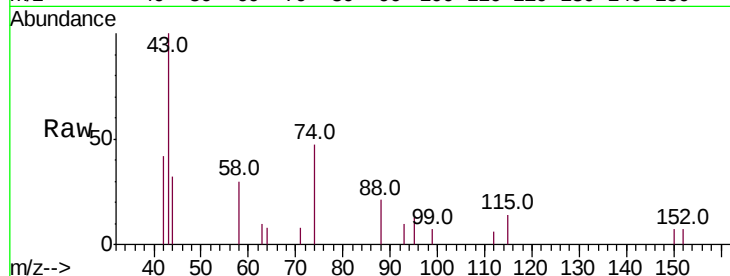
Tot Ion: 42 Resp: 589

Ion Ratio Lower Upper

42 100

74 185.9 140.7 211.1

44 0.0 1.4 2.2#

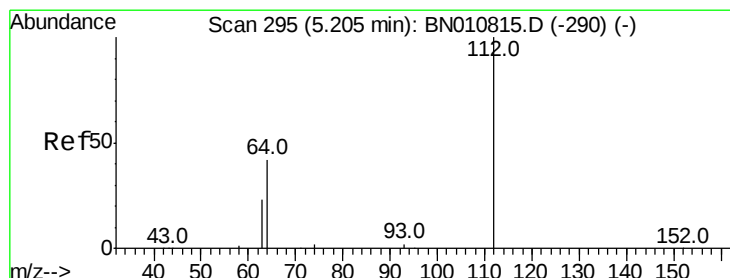
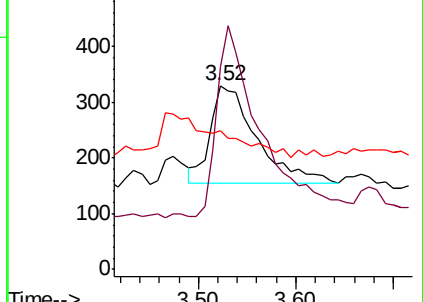
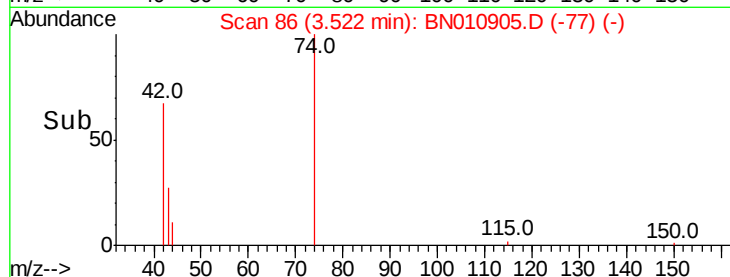


Abundance Ion 42.00 (41.70 to 42.70): BN010815.D (-87) (-)

Ion 74.00 (73.70 to 74.70): BN010815.D (-87) (-)

Ion 44.00 (43.70 to 44.70): BN010815.D (-87) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.195 ng

RT: 5.19 min Scan# 293

Delta R.T. -0.01 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

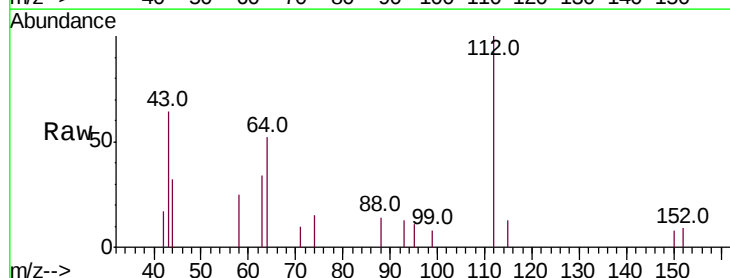
Tgt Ion: 112 Resp: 926

Ion Ratio Lower Upper

112 100

64 43.8 37.4 56.0

63 24.8 22.2 33.4

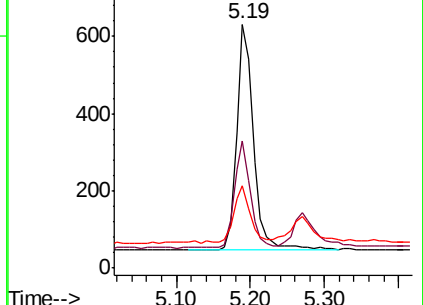
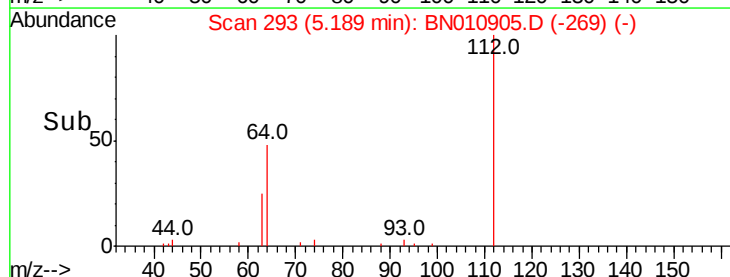


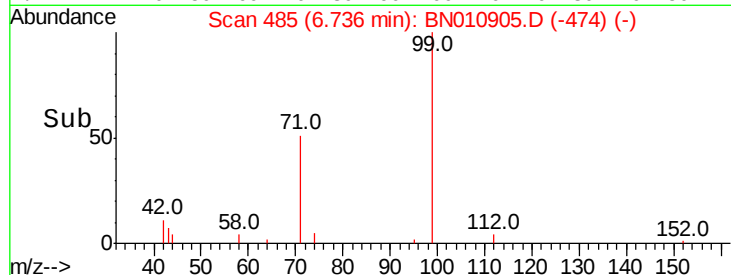
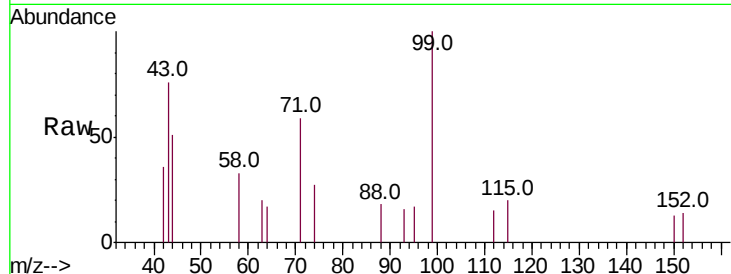
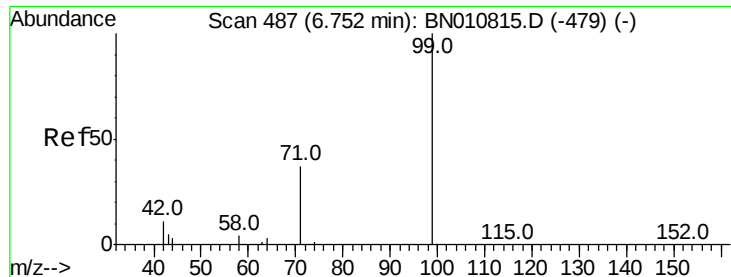
Abundance Ion 112.00 (111.70 to 112.70): BN010815.D (-290) (-)

Ion 64.00 (63.70 to 64.70): BN010815.D (-290) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-290) (-)

Time-->





#5

Phenol-d6

Concen: 0.102 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

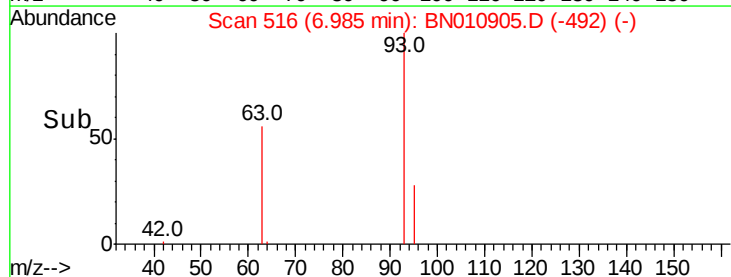
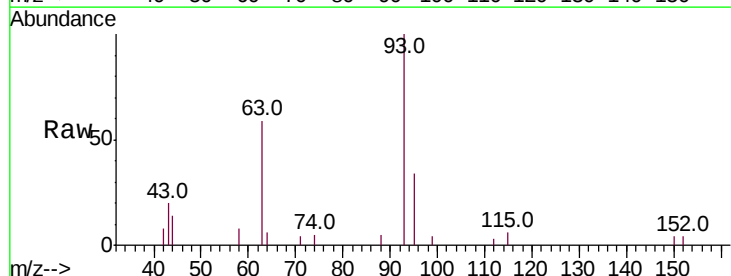
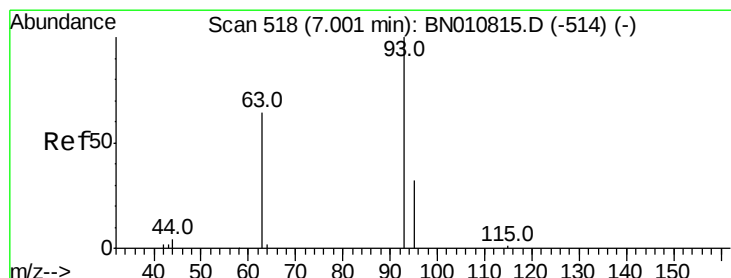
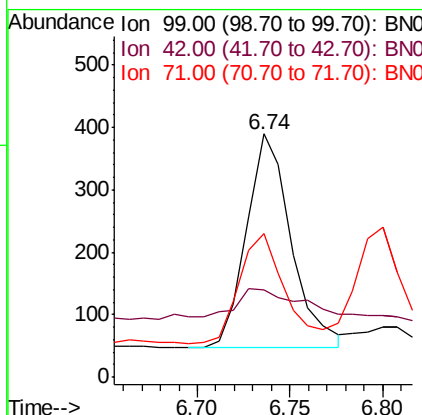
Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

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BNA_N
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SS043MW014-200610MSD

Tot Ion: 99 Resp: 574

Ion	Ratio	Lower	Upper
99	100		
42	30.0	11.1	16.7#
71	52.3	31.4	47.2#



#6

bis(2-Chloroethyl)ether

Concen: 0.426 ng

RT: 6.99 min Scan# 516

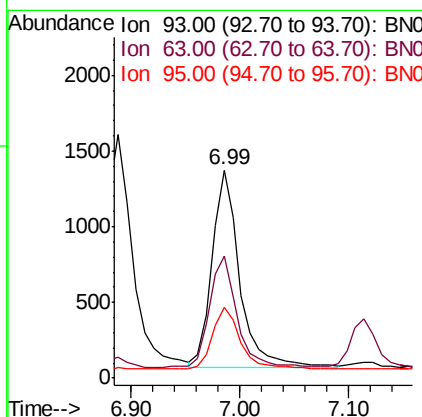
Delta R.T. -0.01 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Tgt Ion: 93 Resp: 2326

Ion	Ratio	Lower	Upper
93	100		
63	56.4	49.4	74.2
95	31.9	26.7	40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MSD

Tot Ion:136 Resp: 8921

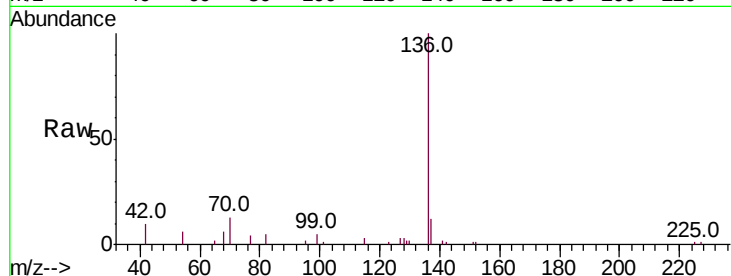
Ion Ratio Lower Upper

136 100

137 12.3 9.7 14.5

54 5.9 4.9 7.3

68 6.2 4.7 7.1

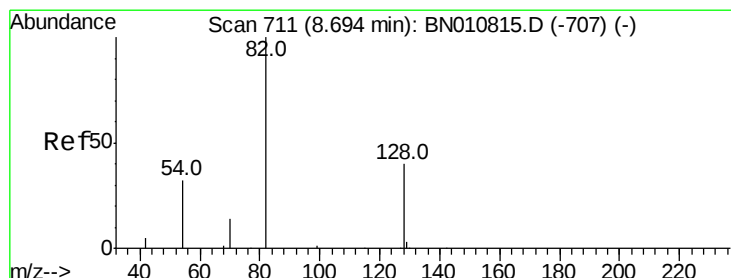
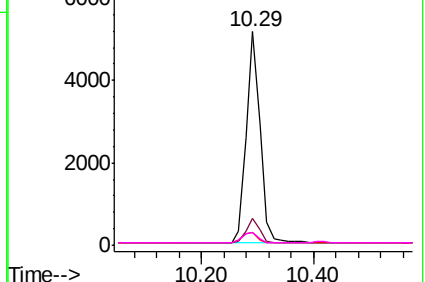
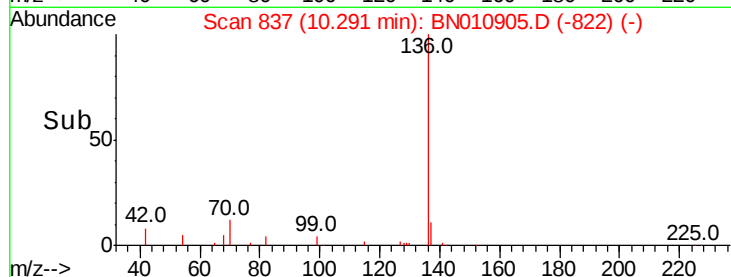


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.372 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

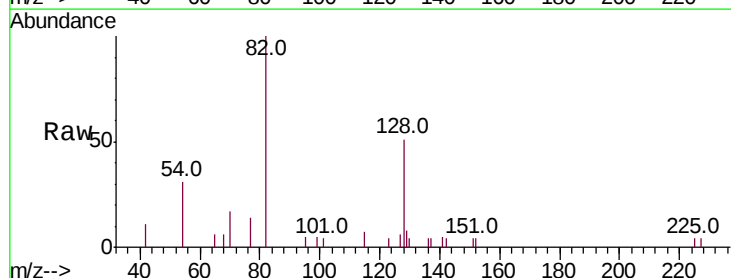
Tgt Ion: 82 Resp: 2458

Ion Ratio Lower Upper

82 100

128 51.0 35.4 53.0

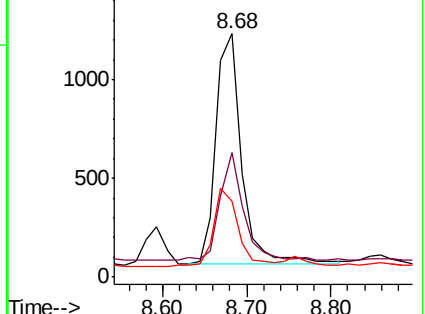
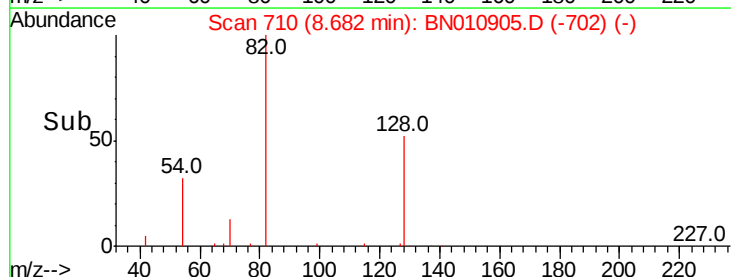
54 31.2 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.596 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Instrument :

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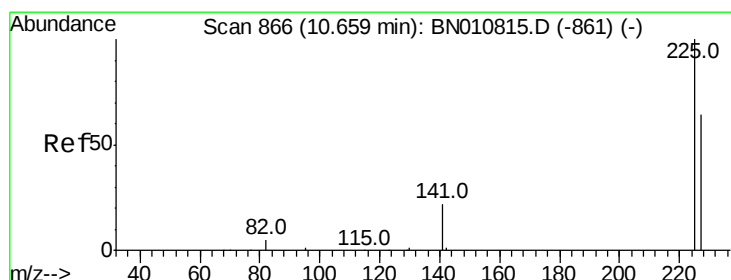
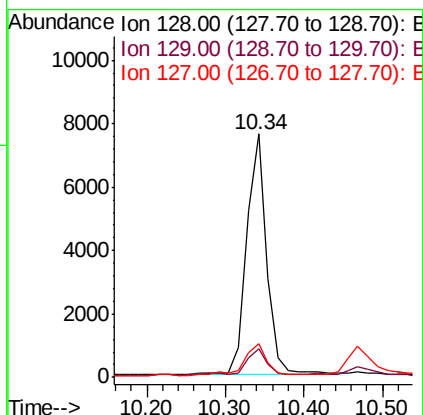
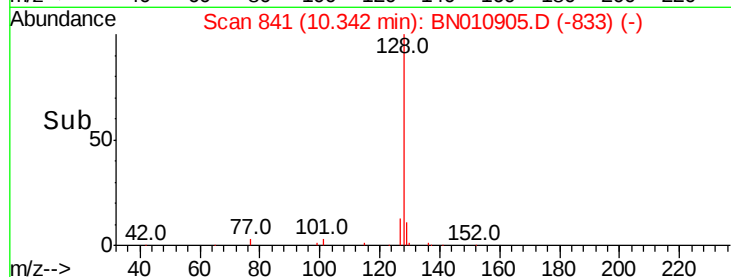
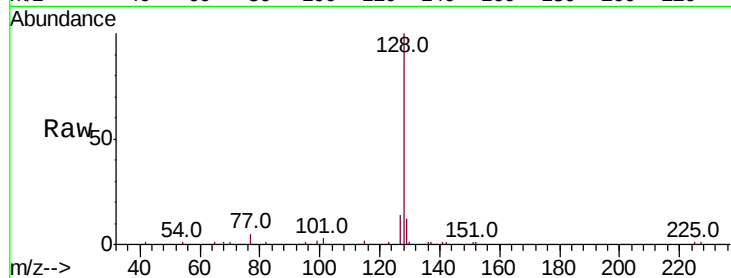
Tot Ion:128 Resp: 13355

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

127 13.9 11.4 17.2



#10

Hexachlorobutadiene

Concen: 0.323 ng

RT: 10.63 min Scan# 864

Delta R.T. -0.01 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

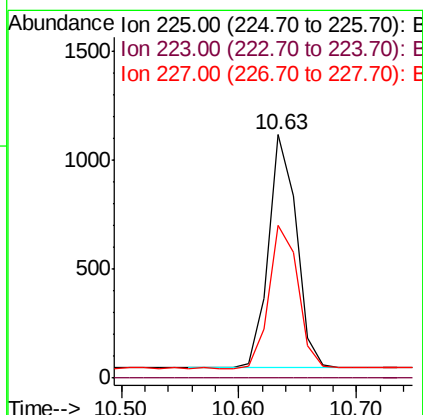
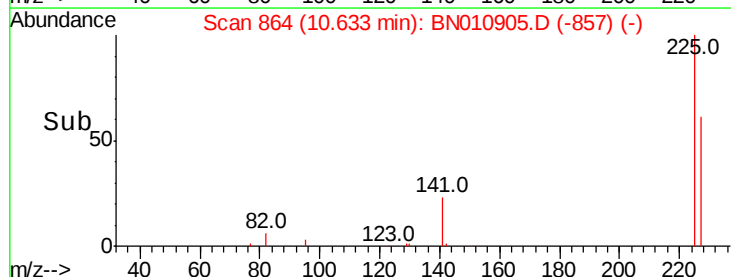
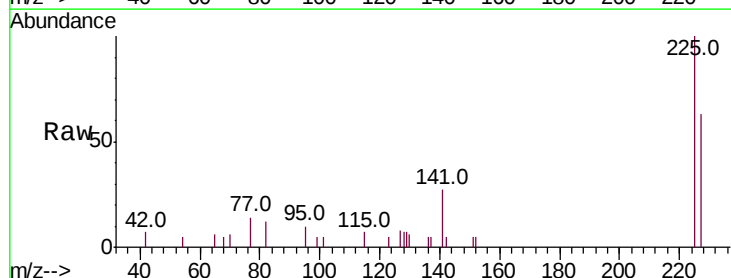
Tgt Ion:225 Resp: 1788

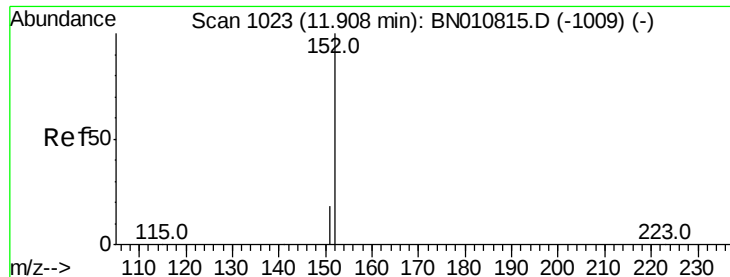
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.8 50.5 75.7

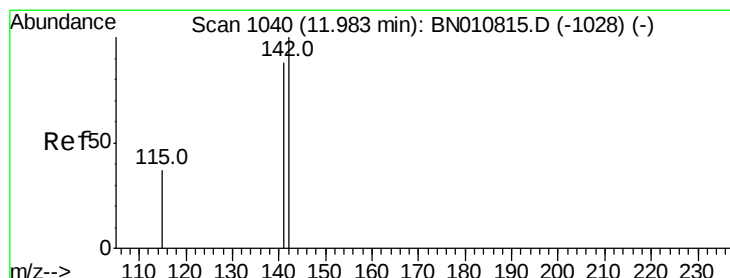
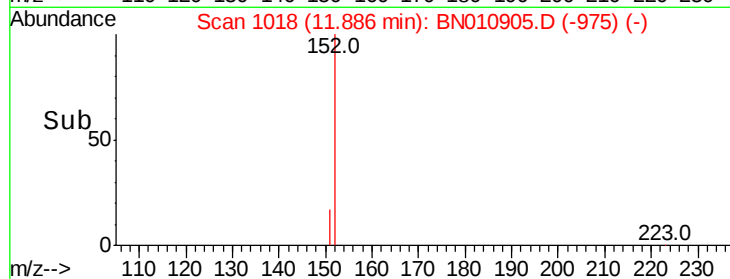
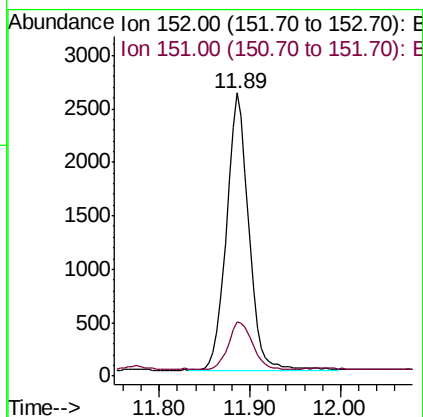
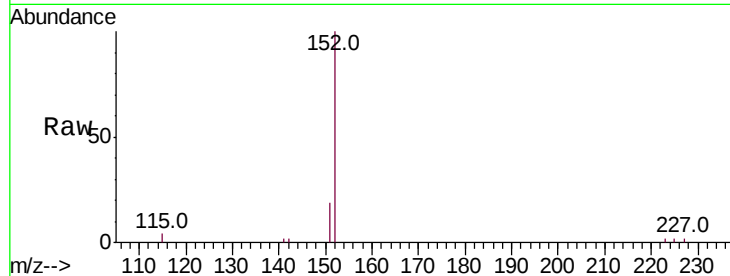




#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 11.89 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

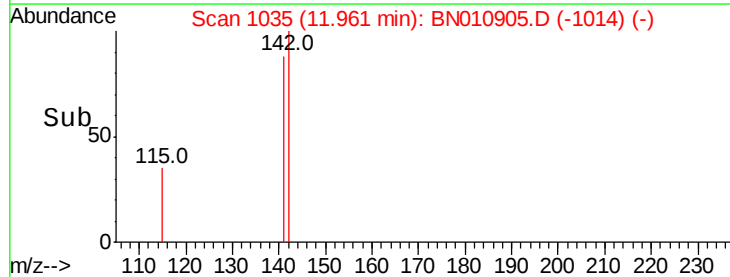
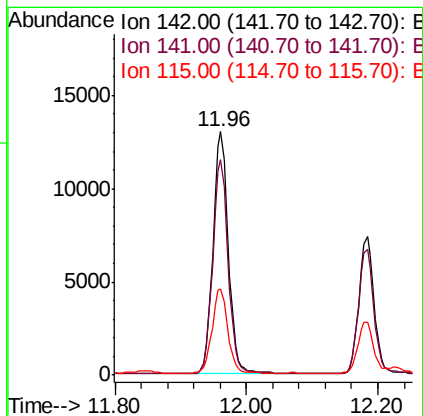
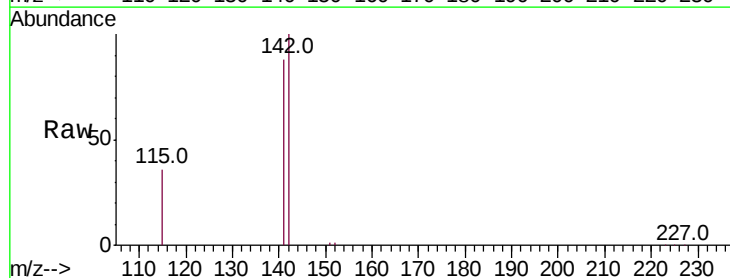
Instrument :
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SS043MW014-200610MSD

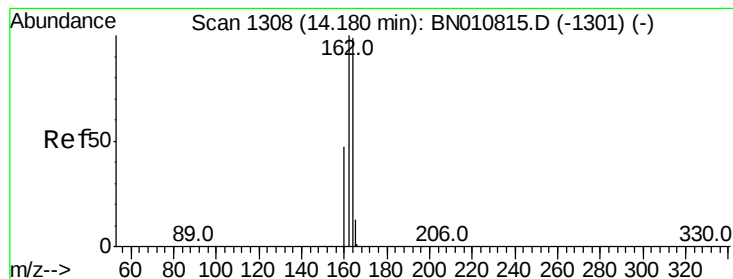
Tot Ion:152 Resp: 4409
Ion Ratio Lower Upper
152 100
151 18.4 15.3 22.9



#12
2-Methylnaphthalene
Concen: 1.419 ng
RT: 11.96 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BN010905.D
Acq: 16 Jun 2020 14:07

Tgt Ion:142 Resp: 21283
Ion Ratio Lower Upper
142 100
141 88.2 70.8 106.2
115 35.5 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MSD

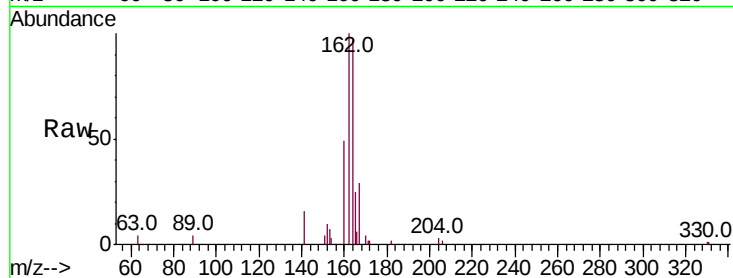
Tot Ion:164 Resp: 5192

Ion Ratio Lower Upper

164 100

162 103.2 81.0 121.6

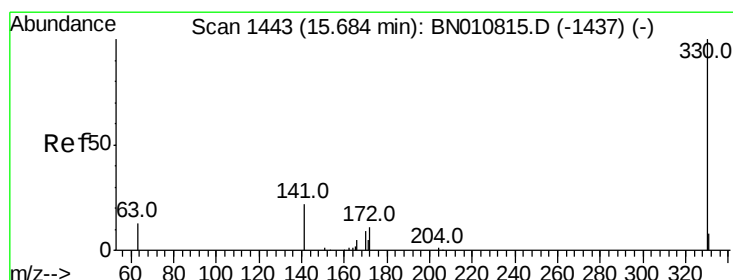
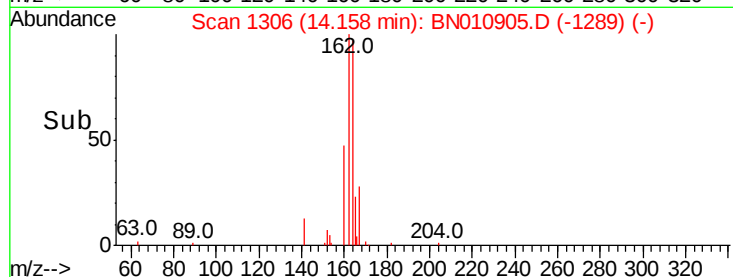
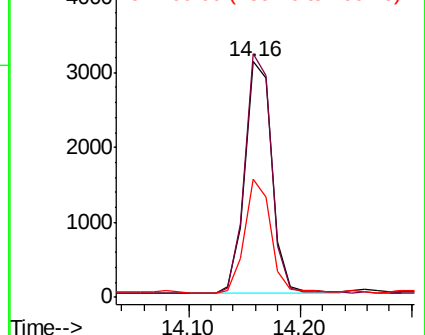
160 50.1 38.9 58.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.337 ng

RT: 15.66 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

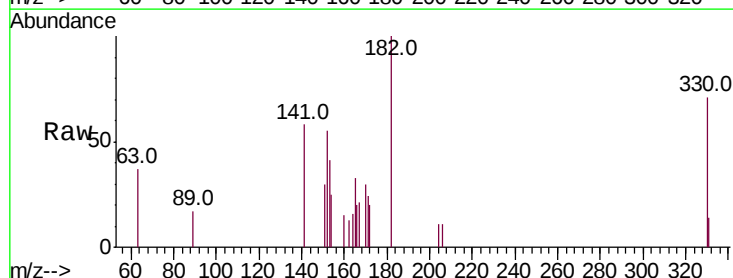
Tgt Ion:330 Resp: 626

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

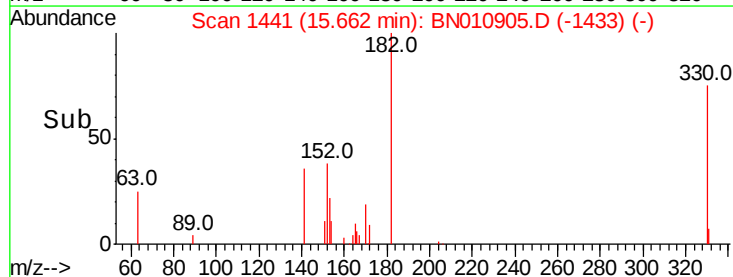
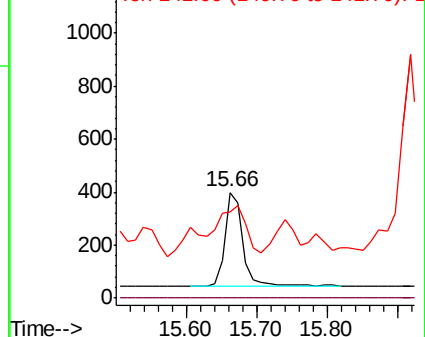
141 74.3 33.2 49.8#

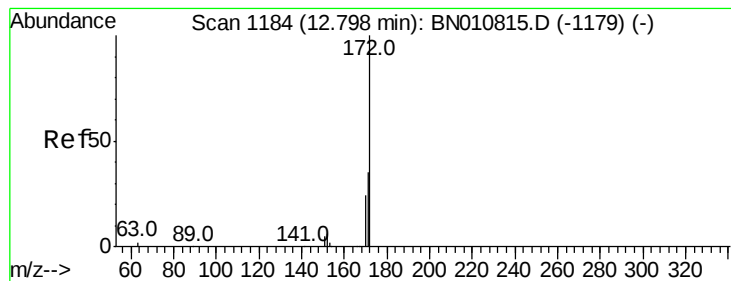


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.331 ng

RT: 12.79 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MSD

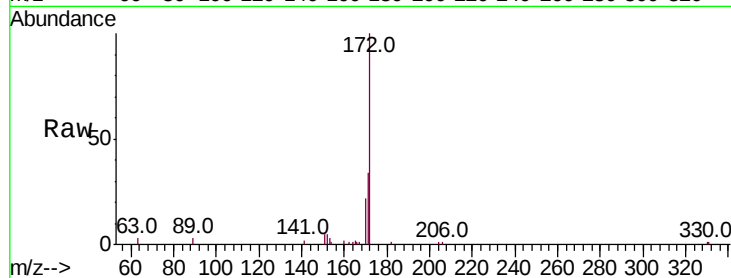
Tot Ion:172 Resp: 6787

Ion Ratio Lower Upper

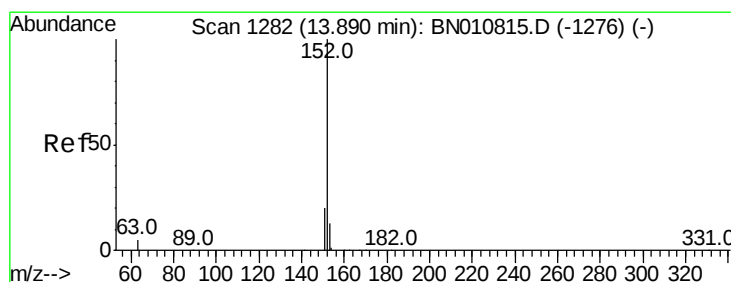
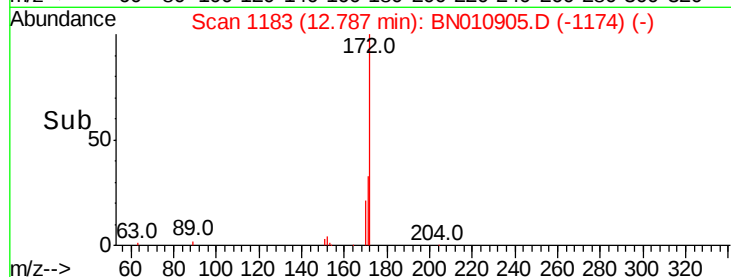
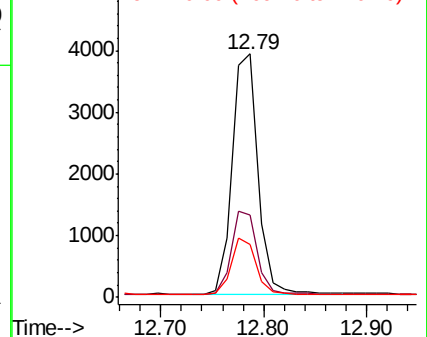
172 100

171 33.9 28.5 42.7

170 21.5 19.7 29.5



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: 0.365 ng

RT: 13.88 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

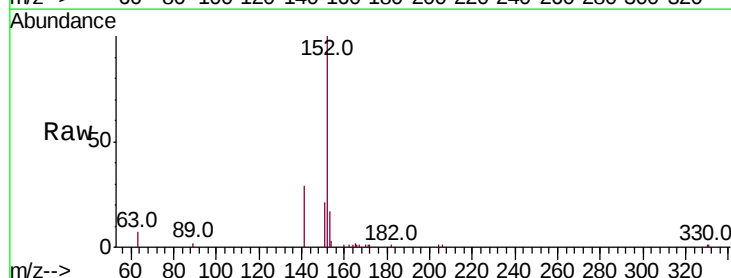
Tgt Ion:152 Resp: 7755

Ion Ratio Lower Upper

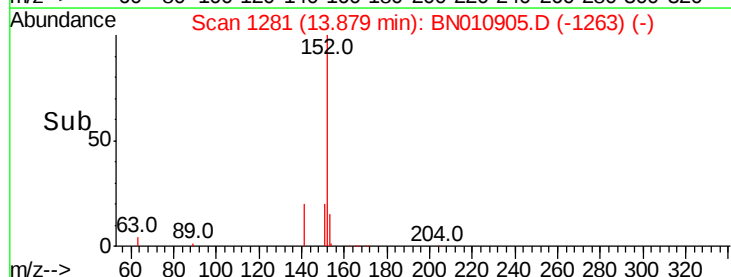
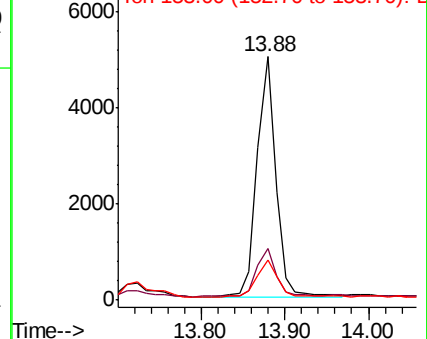
152 100

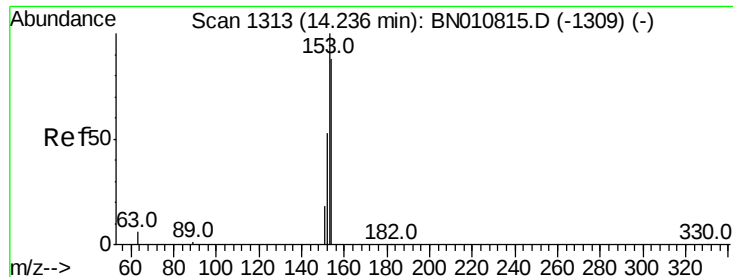
151 20.9 15.6 23.4

153 16.7 10.6 16.0#



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





#17

Acenaphthene

Concen: 0.372 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MSD

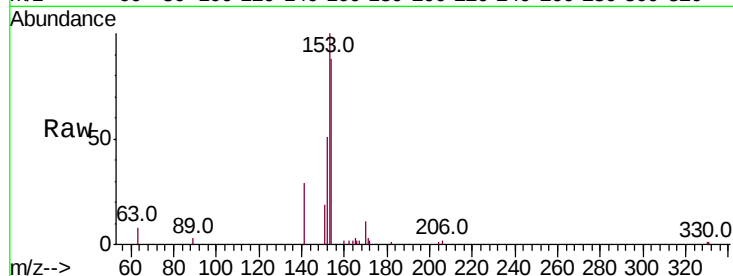
Tot Ion:154 Resp: 5394

Ion Ratio Lower Upper

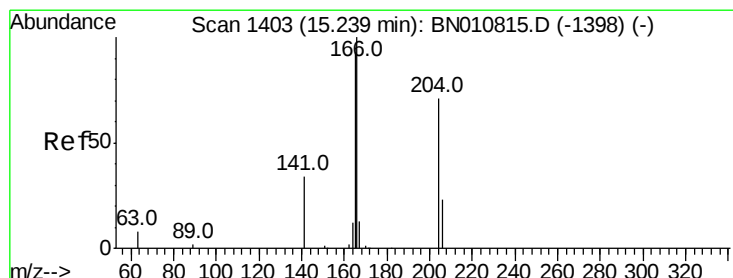
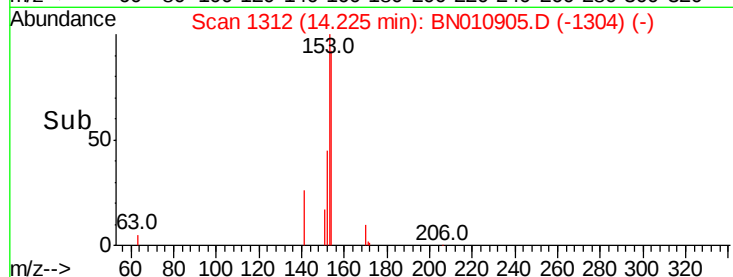
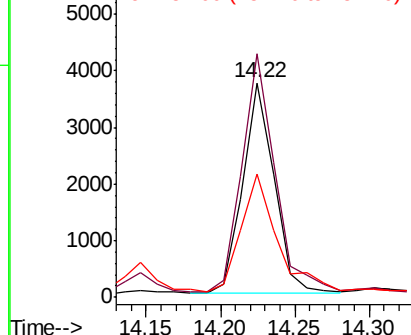
154 100

153 122.4 91.8 137.6

152 65.7 47.6 71.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.459 ng

RT: 15.22 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

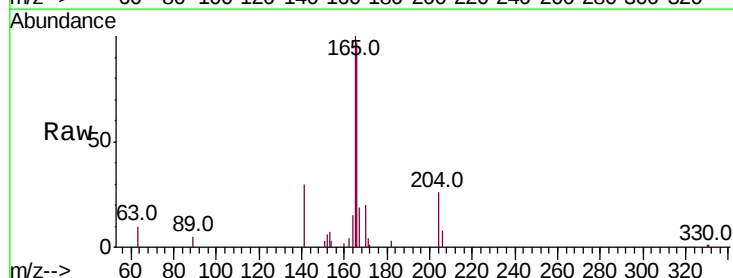
Tgt Ion:166 Resp: 8585

Ion Ratio Lower Upper

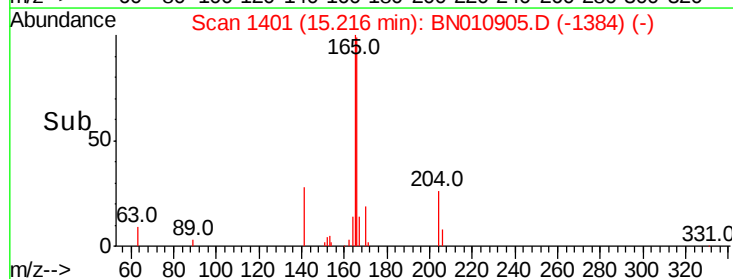
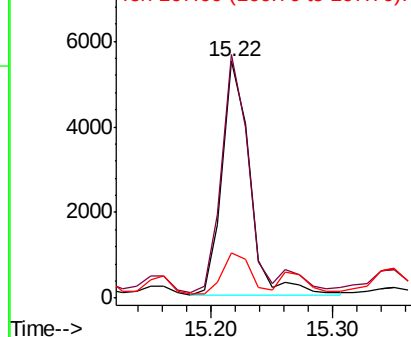
166 100

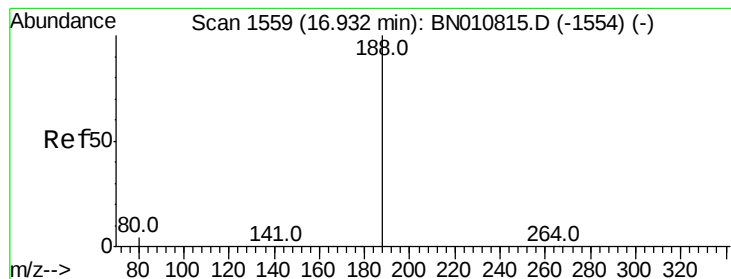
165 105.1 77.2 115.8

167 18.4 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.91 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MSD

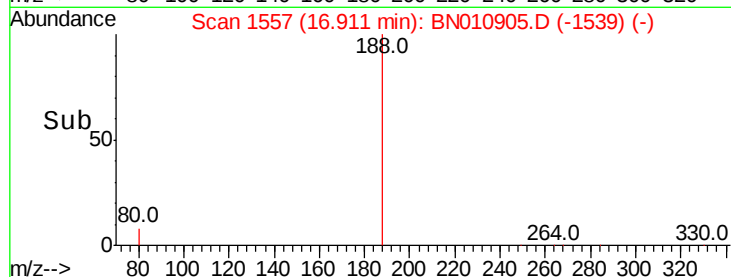
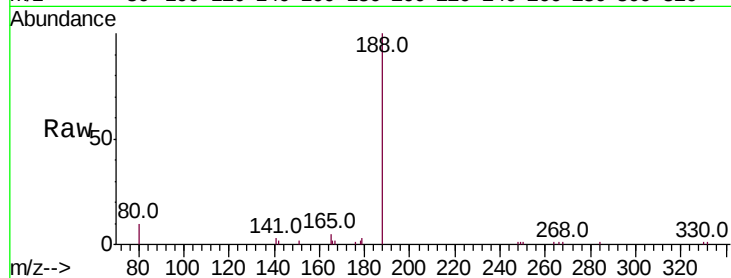
Tot Ion:188 Resp: 10717

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

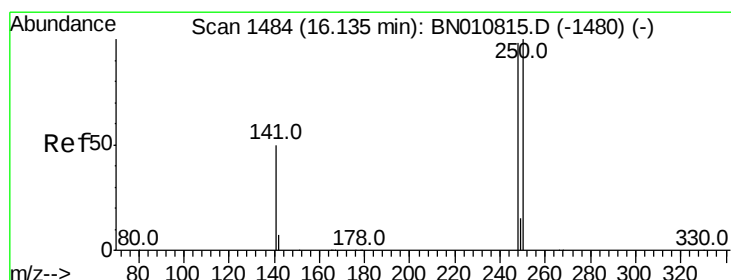
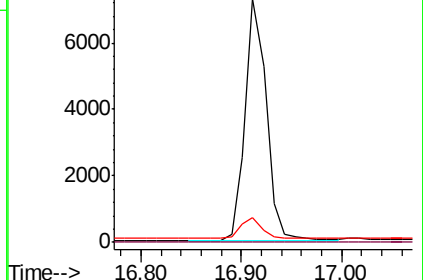
80 10.2 4.5 6.7#



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: 0.321 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

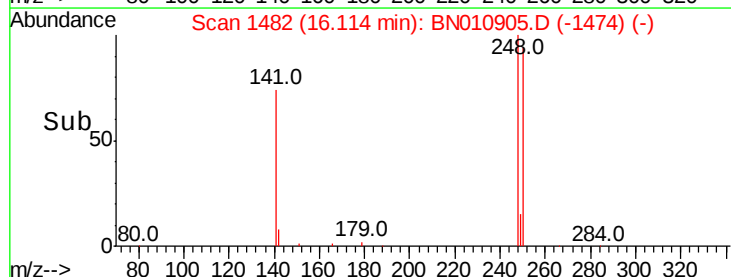
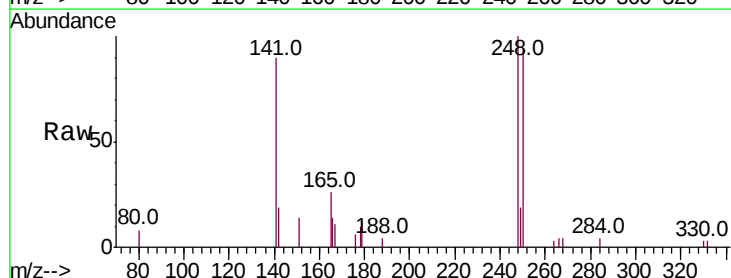
Tgt Ion:248 Resp: 2066

Ion Ratio Lower Upper

248 100

250 94.3 81.8 122.8

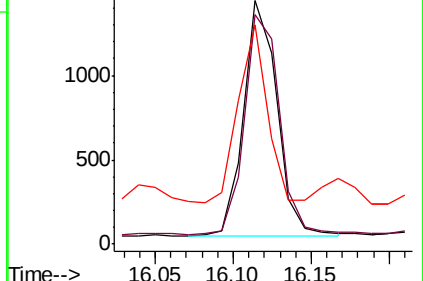
141 90.0 42.6 64.0#

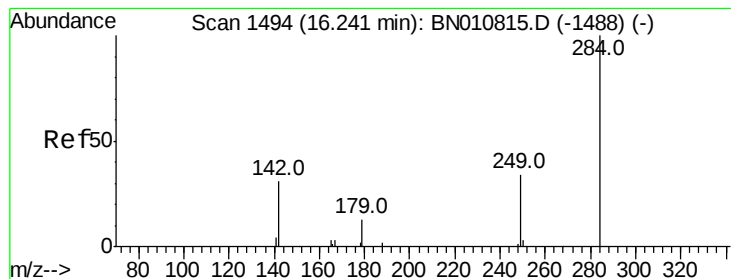


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.319 ng

RT: 16.23 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MSD

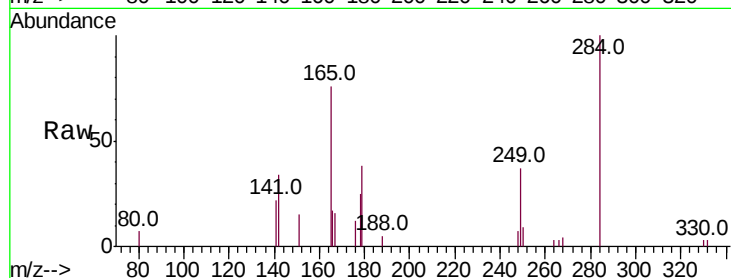
Tot Ion:284 Resp: 2142

Ion Ratio Lower Upper

284 100

142 42.3 31.0 46.4

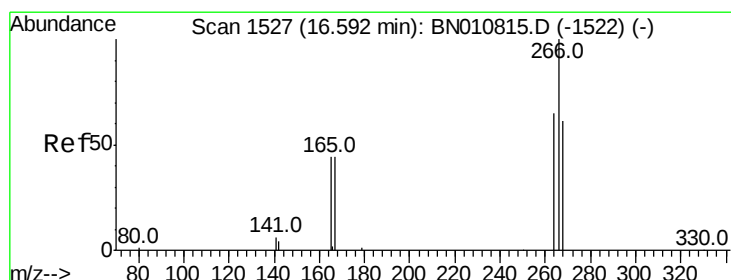
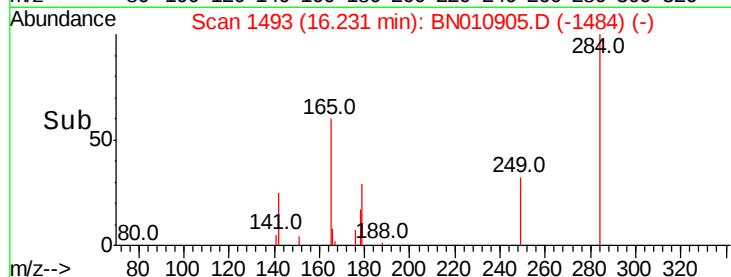
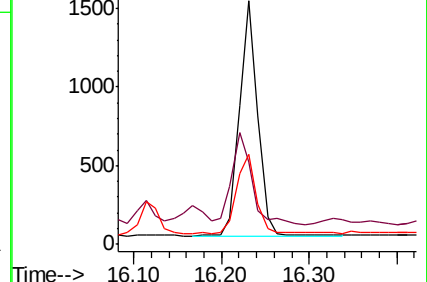
249 36.1 27.1 40.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 1.127 ng

RT: 16.58 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

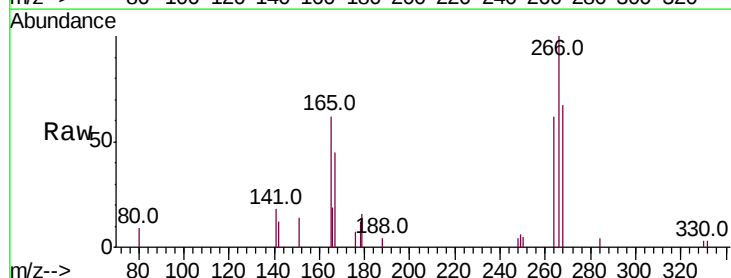
Tgt Ion:266 Resp: 2541

Ion Ratio Lower Upper

266 100

264 62.4 54.8 82.2

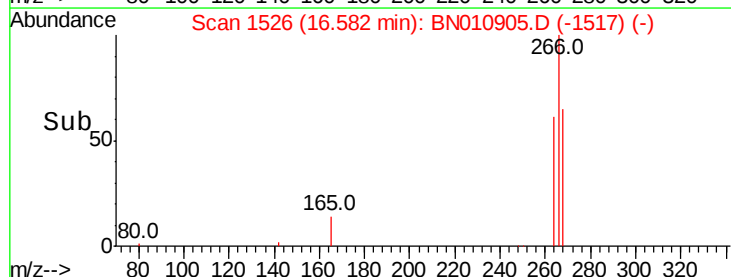
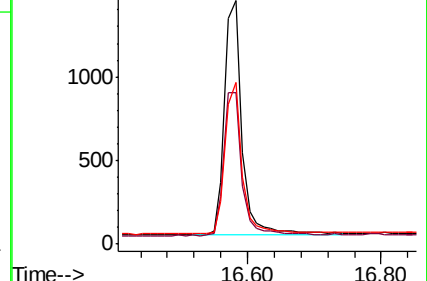
268 66.6 55.9 83.9



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.651 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MSD

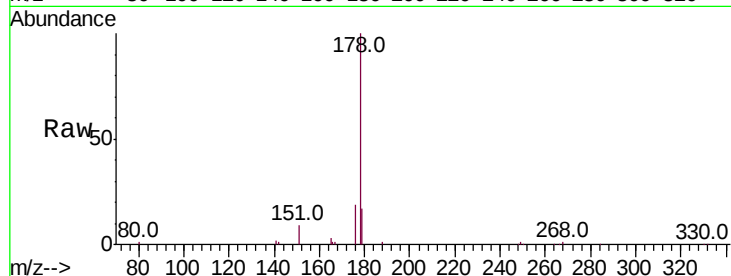
Tot Ion:178 Resp: 19057

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

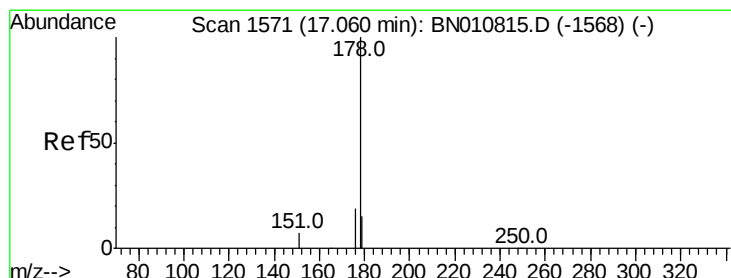
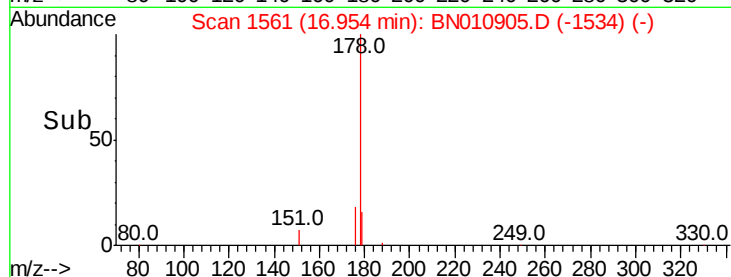
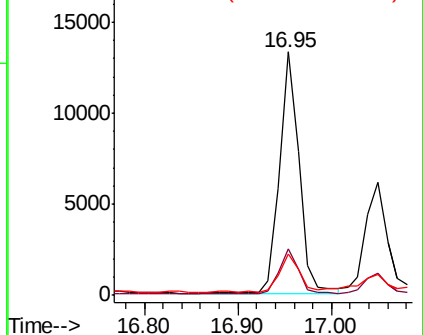
179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.371 ng

RT: 17.05 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

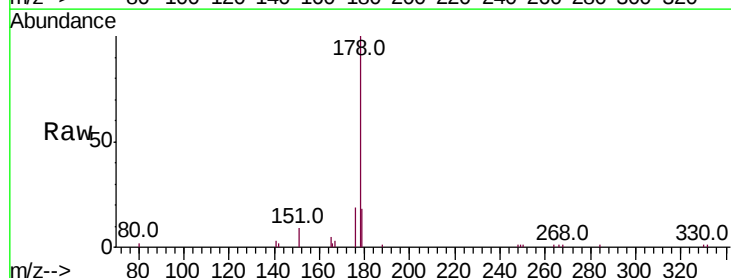
Tgt Ion:178 Resp: 9058

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

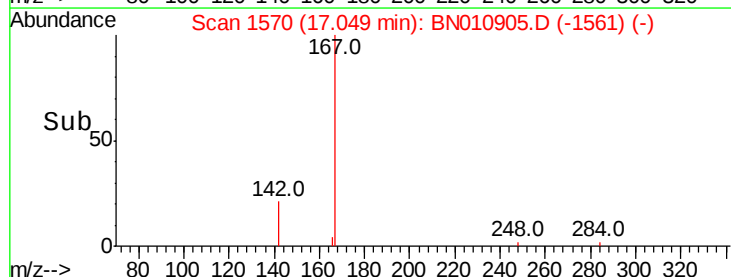
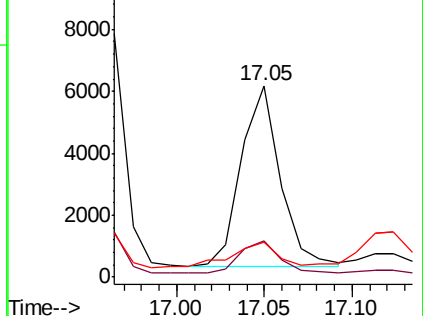
179 17.7 12.3 18.5

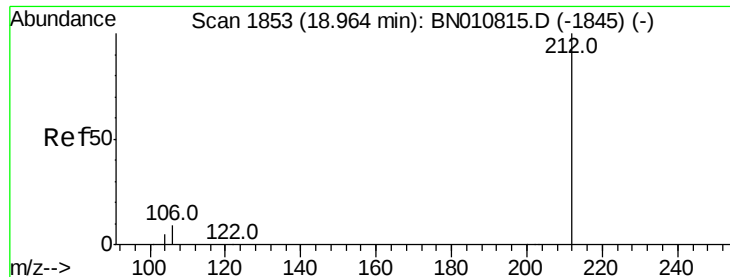


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.354 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MSD

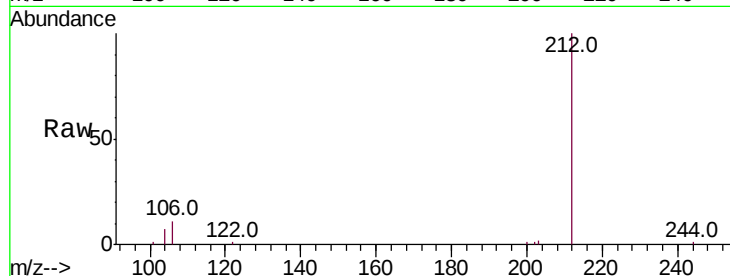
Tot Ion:212 Resp: 10462

Ion Ratio Lower Upper

212 100

106 9.9 6.6 10.0

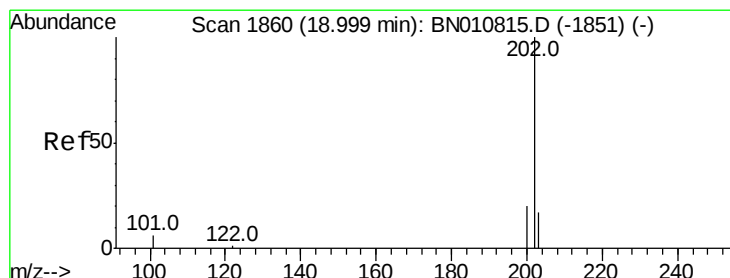
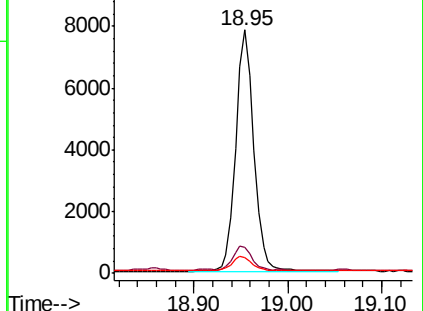
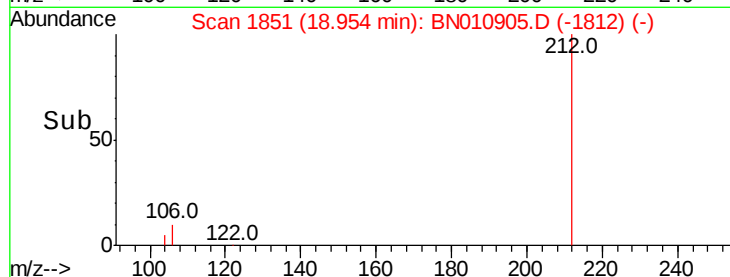
104 6.1 4.0 6.0#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.378 ng

RT: 18.98 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

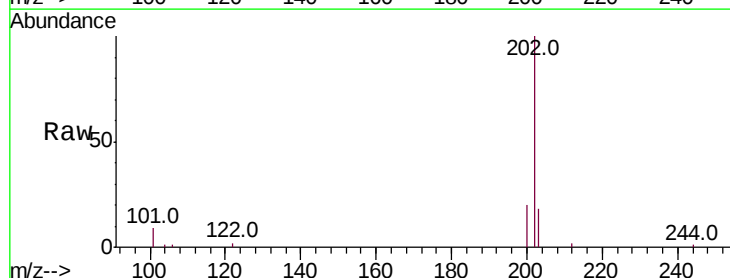
Tgt Ion:202 Resp: 12555

Ion Ratio Lower Upper

202 100

101 9.0 5.8 8.6#

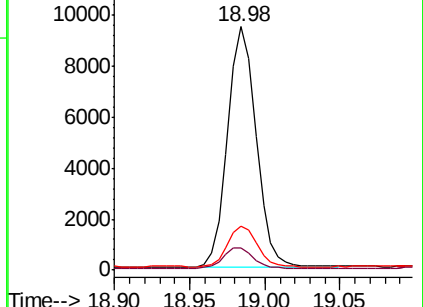
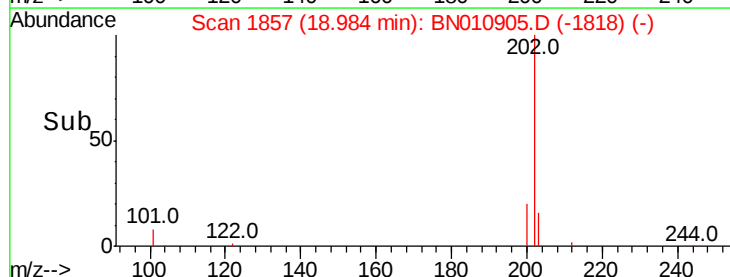
203 17.1 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MSD

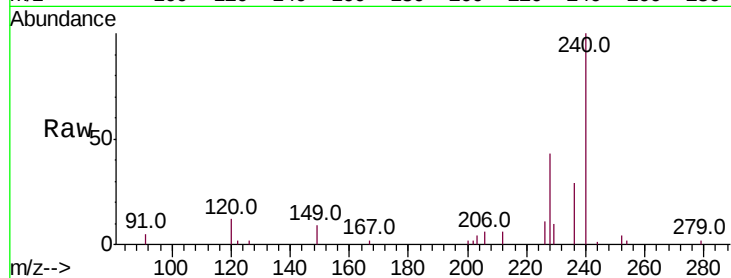
Tot Ion:240 Resp: 10240

Ion Ratio Lower Upper

240 100

120 11.6 7.5 11.3#

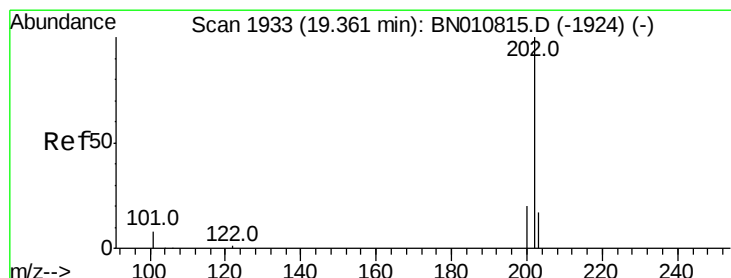
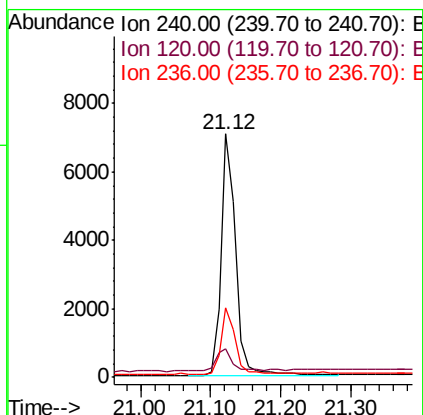
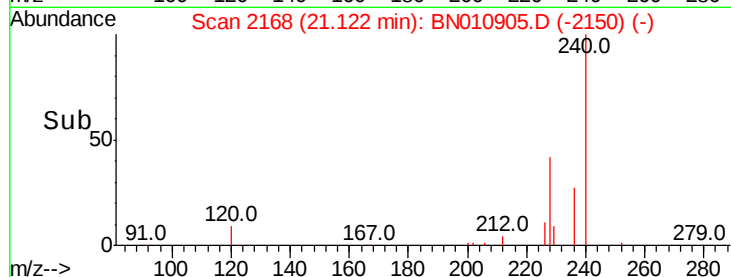
236 28.5 22.3 33.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.394 ng

RT: 19.35 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

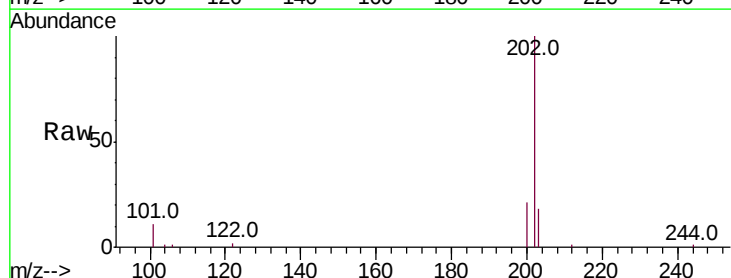
Tgt Ion:202 Resp: 13332

Ion Ratio Lower Upper

202 100

200 20.6 16.4 24.6

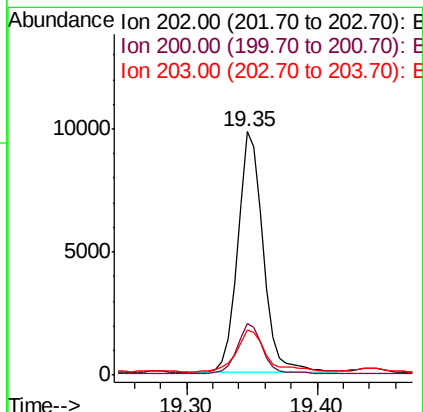
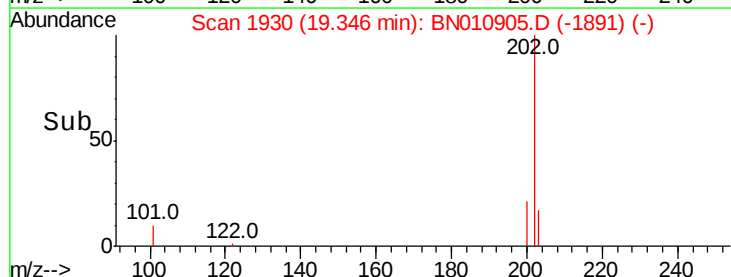
203 20.1 14.2 21.4

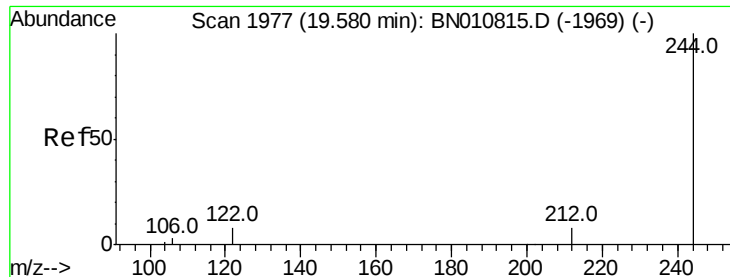


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.402 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MSD

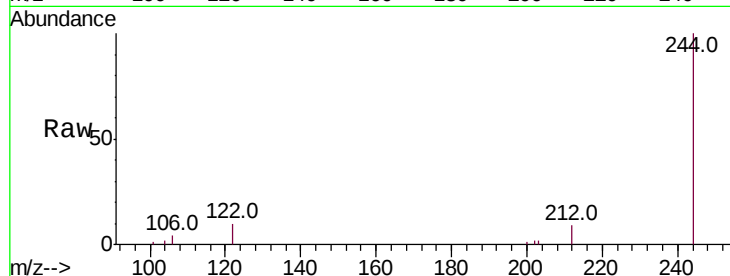
Tot Ion:244 Resp: 9639

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

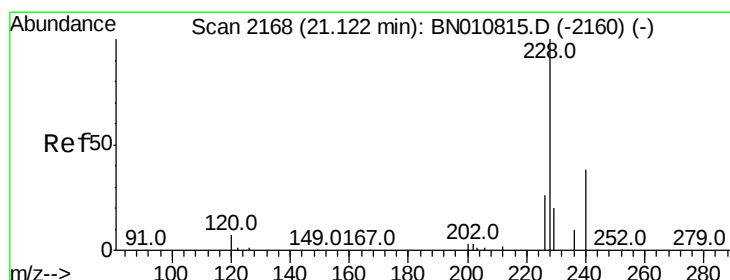
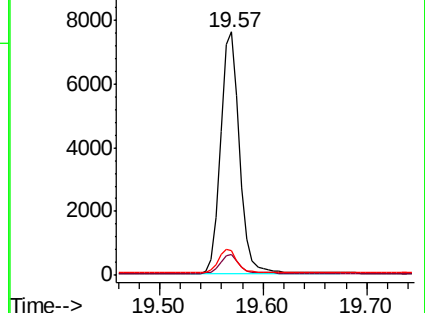
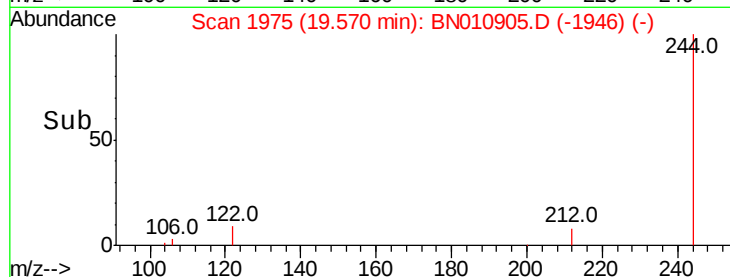
122 10.0 7.5 11.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.377 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

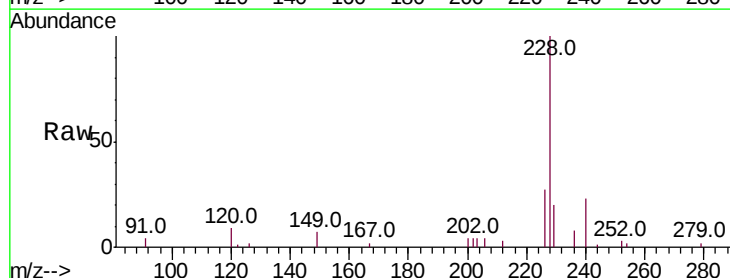
Tgt Ion:228 Resp: 11355

Ion Ratio Lower Upper

228 100

226 26.7 21.3 31.9

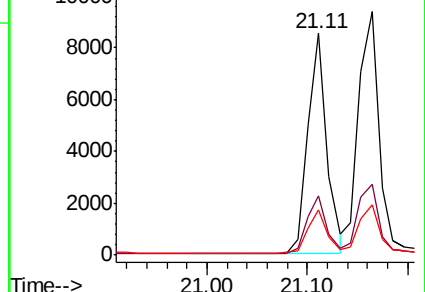
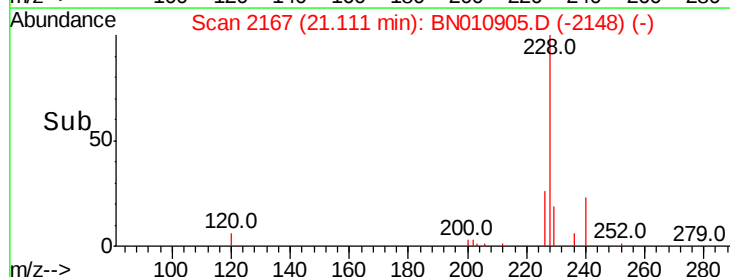
229 20.3 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.378 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Instrument :

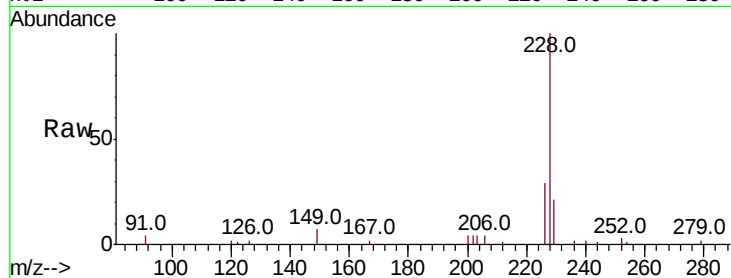
BNA_N

ClientSampleId :

SS043MW014-200610MSD

Tot Ion:228 Resp: 13248

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	20.9	16.1	24.1

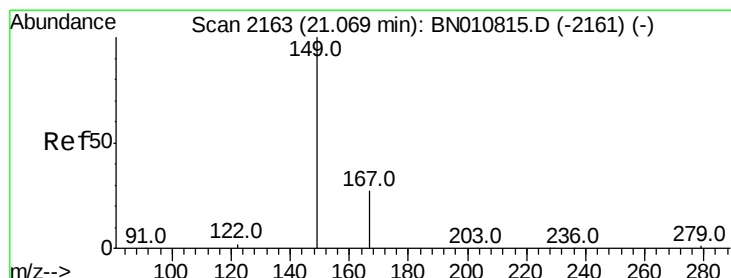
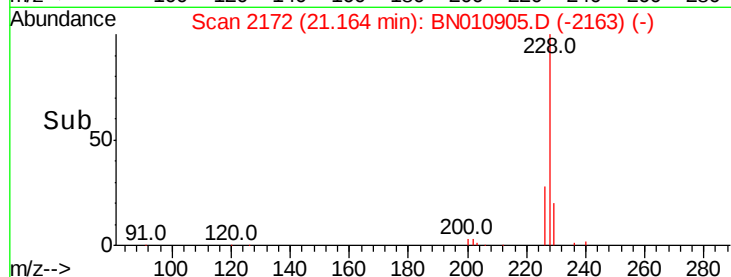
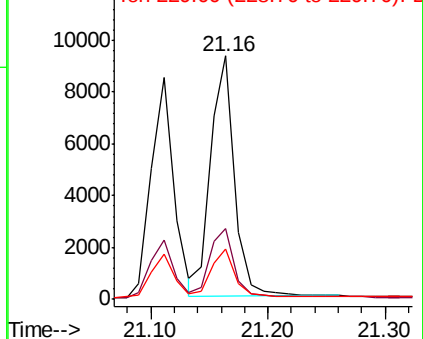


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.518 ng

RT: 21.07 min Scan# 2163

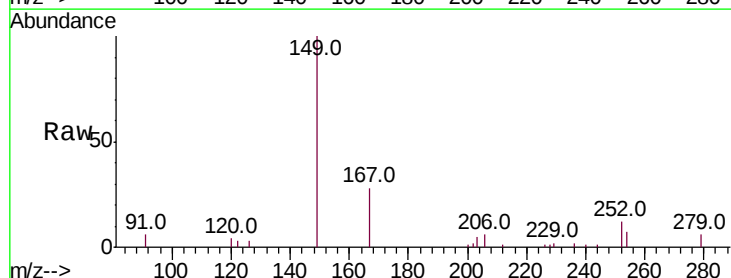
Delta R.T. 0.00 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Tgt Ion:149 Resp: 5203

Ion	Ratio	Lower	Upper
149	100		
167	27.7	24.1	36.1
279	4.5	4.6	7.0#

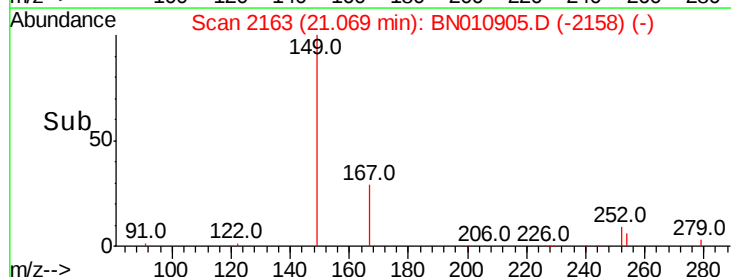
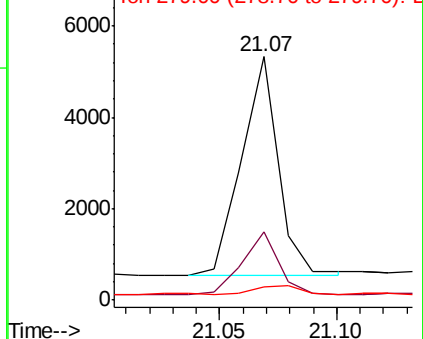


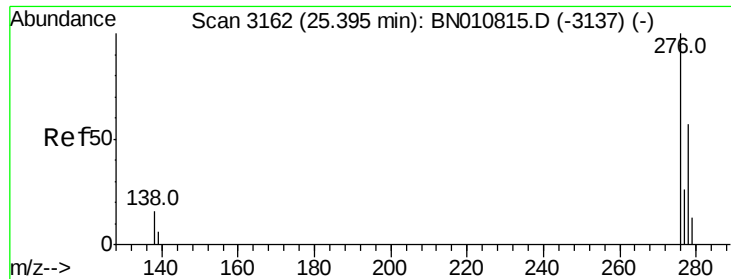
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.372 ng

RT: 25.38 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MSD

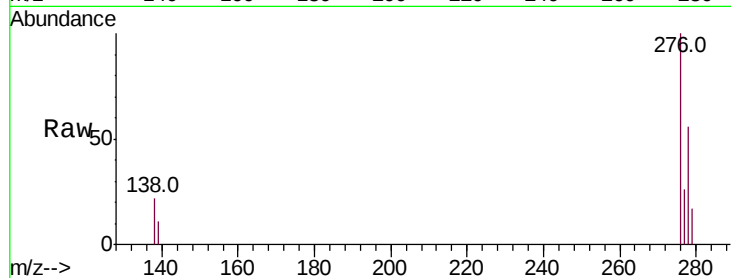
Tot Ion:276 Resp: 14576

Ion Ratio Lower Upper

276 100

138 22.0 13.0 19.6#

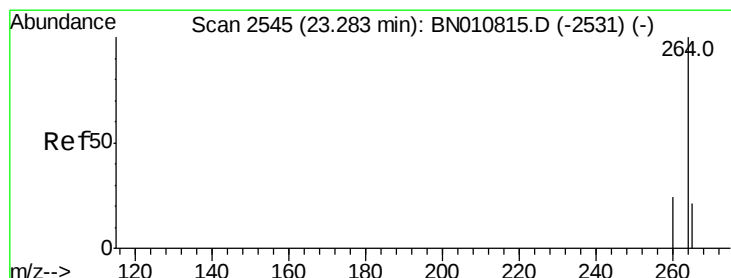
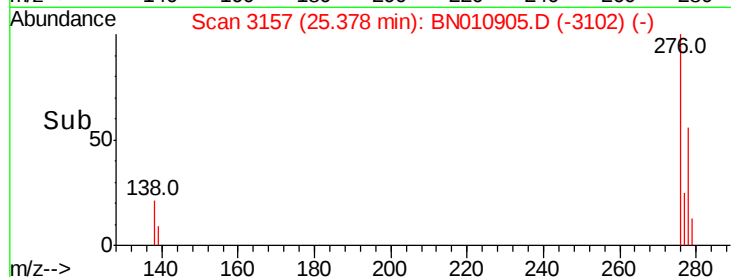
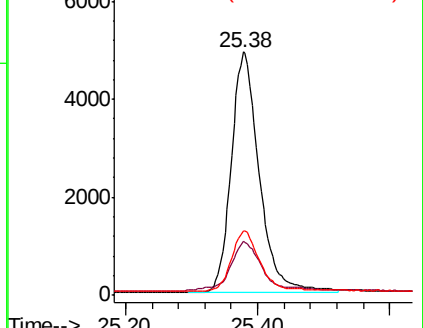
277 25.0 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.27 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

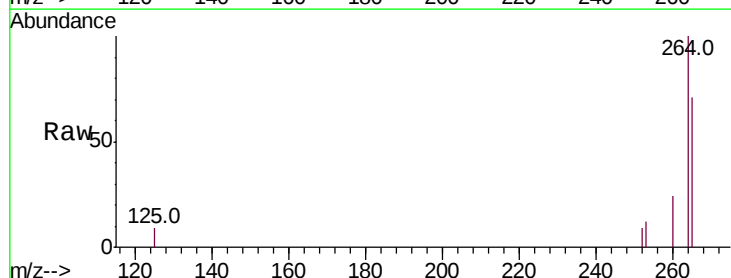
Tgt Ion:264 Resp: 11073

Ion Ratio Lower Upper

264 100

260 24.3 20.4 30.6

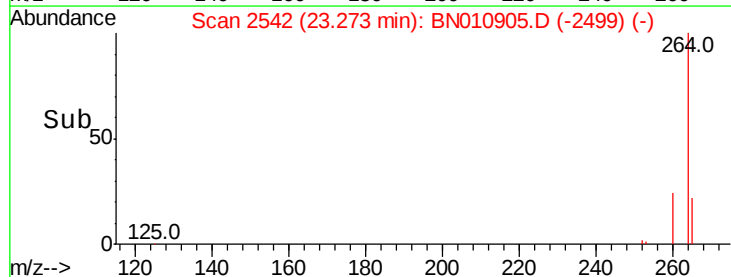
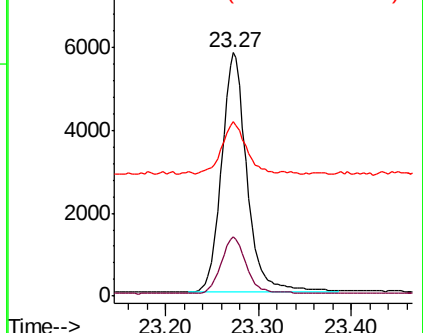
265 71.5 75.0 112.4#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.325 ng

RT: 22.64 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MSD

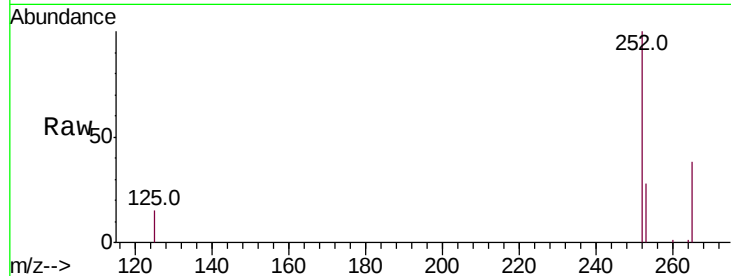
Tot Ion:252 Resp: 12223

Ion Ratio Lower Upper

252 100

253 28.3 22.4 33.6

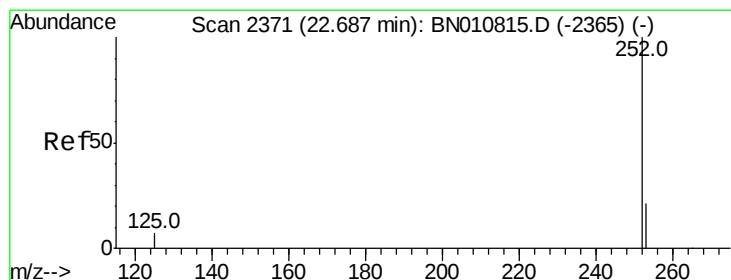
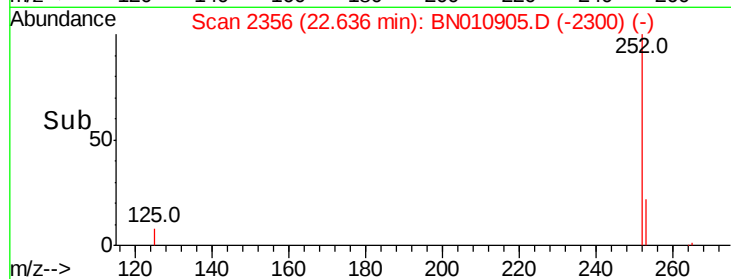
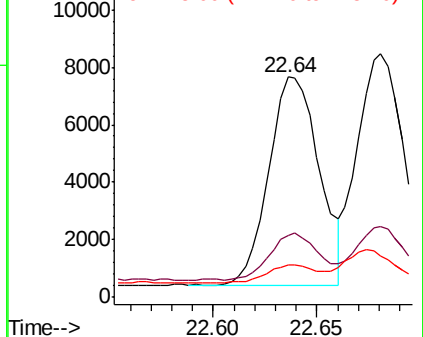
125 14.5 9.4 14.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.305 ng

RT: 22.64 min Scan# 2356

Delta R.T. -0.05 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

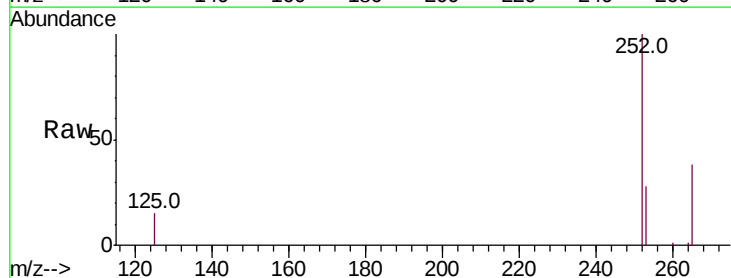
Tgt Ion:252 Resp: 12223

Ion Ratio Lower Upper

252 100

253 28.3 22.2 33.4

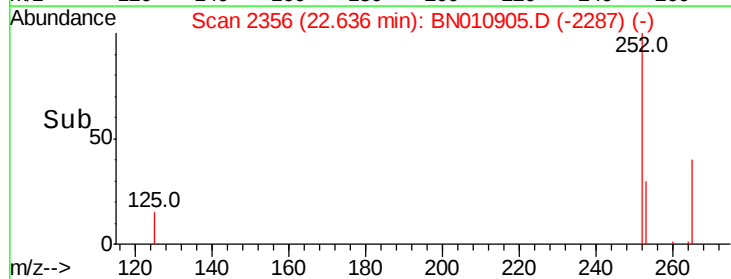
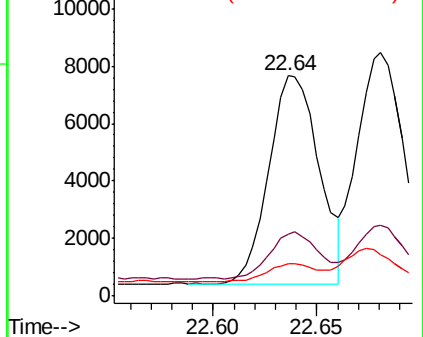
125 14.5 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.335 ng

RT: 23.18 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MSD

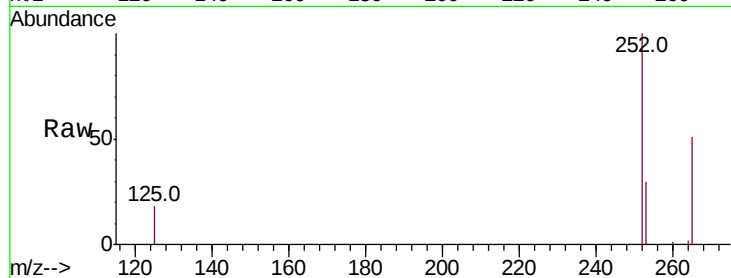
Tot Ion:252 Resp: 10803

Ion Ratio Lower Upper

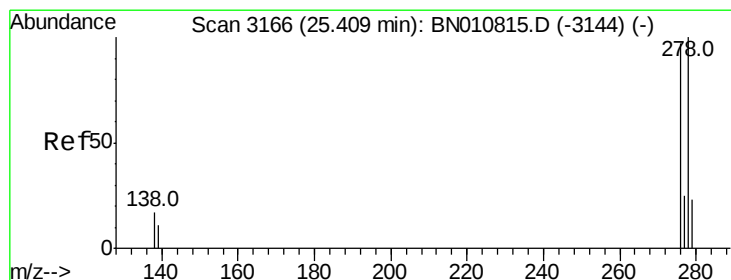
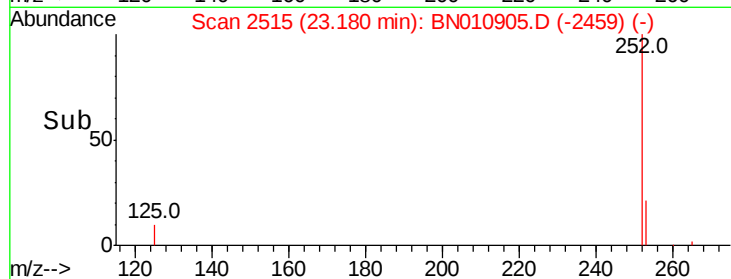
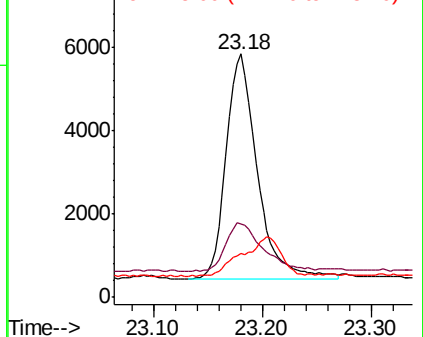
252 100

253 30.3 25.8 38.8

125 17.9 12.4 18.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.322 ng

RT: 25.39 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BN010905.D

Acq: 16 Jun 2020 14:07

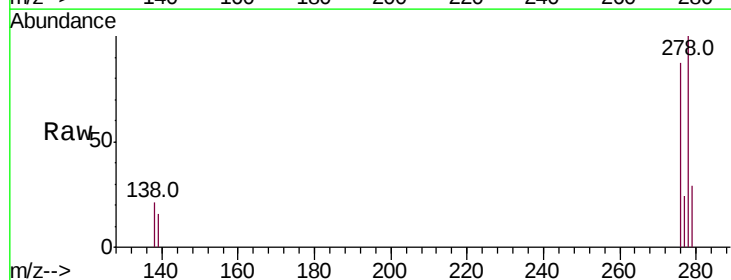
Tgt Ion:278 Resp: 11851

Ion Ratio Lower Upper

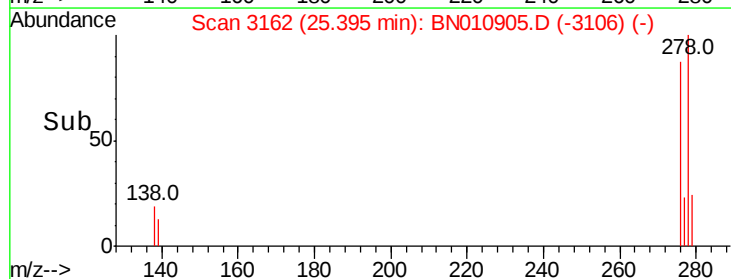
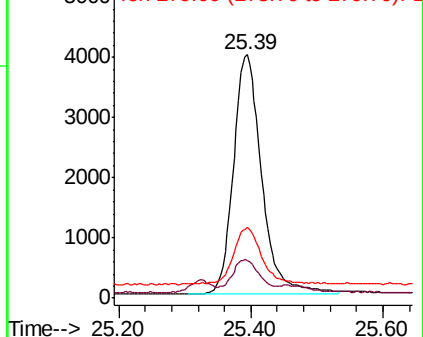
278 100

139 15.6 10.6 15.8

279 29.1 23.6 35.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.327 ng

RT: 26.02 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BN010905.D

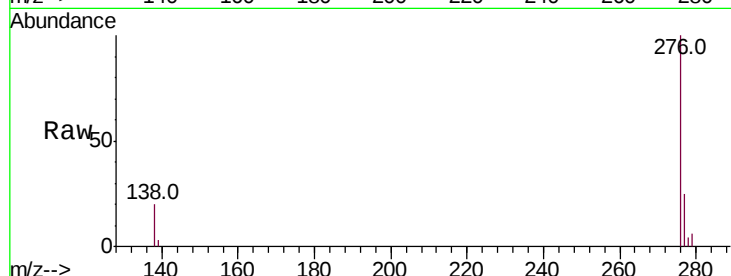
Acq: 16 Jun 2020 14:07

Instrument :

BNA_N

ClientSampleId :

SS043MW014-200610MSD



Tot Ion:276 Resp: 12597

Ion Ratio Lower Upper

276 100

277 24.8 20.5 30.7

138 19.5 13.7 20.5

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

