

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
 Data File : BN007588.D
 Acq On : 11 Sep 2019 15:17
 Operator : HP/JU
 Sample : K4698-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW507-K2-35.0-40.0-090419

Quant Time: Sep 11 15:50:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 11 14:14:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	161	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	601	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	351	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	612	0.40	ng	0.00
27) Chrysene-d12	21.28	240	1397	0.40	ng	0.00
34) Perylene-d12	23.51	264	703	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	86	0.18	ng	0.00
5) Phenol-d6	6.90	99	81	0.12	ng	0.00
8) Nitrobenzene-d5	8.87	82	193	0.53	ng	0.01
11) 2-Methylnaphthalene-d10	12.09	152	356	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	47	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	512	0.35	ng	0.00
25) Fluoranthene-d10	19.12	212	708	0.36	ng	0.00
29) Terphenyl-d14	19.73	244	822	0.23	ng	0.00

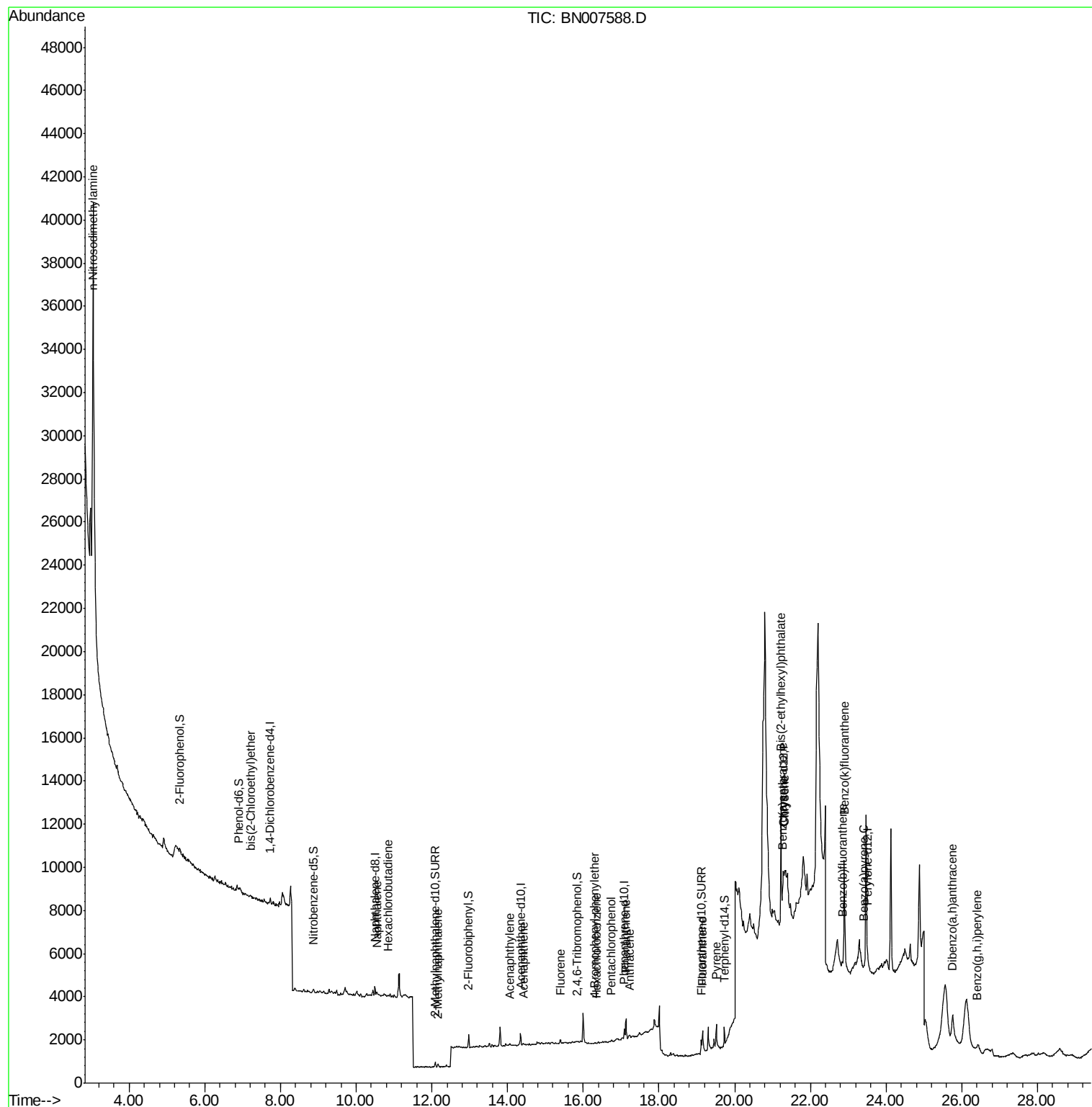
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.04	42	3174	33.002	ng	# 100
6) bis(2-Chloroethyl)ether	7.21	93	17	0.248	ng	# 64
9) Naphthalene	10.54	128	169	0.100	ng	# 1
10) Hexachlorobutadiene	10.85	225	7	0.021	ng	# 71
12) 2-Methylnaphthalene	12.16	142	104	0.088	ng	# 25
16) Acenaphthylene	14.06	152	62	0.033	ng	# 1
17) Acenaphthene	14.41	154	72	0.060	ng	# 71
18) Fluorene	15.39	166	136	0.087	ng	# 94
20) 4-Bromophenyl-phenylether	16.29	248	11	0.030	ng	# 1
21) Hexachlorobenzene	16.35	284	12	0.032	ng	# 41
22) Pentachlorophenol	16.74	266	46	0.535	ng	# 68
23) Phenanthrene	17.13	178	1051	0.556	ng	# 91
24) Anthracene	17.22	178	160	0.092	ng	# 73
26) Fluoranthene	19.15	202	962	0.420	ng	# 80
28) Pyrene	19.51	202	973	0.194	ng	# 94
30) Benzo(a)anthracene	21.26	228	394	0.079	ng	# 1
31) Chrysene	21.31	228	518	0.102	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.23	149	5599	3.273	ng	# 92
35) Benzo(b)fluoranthene	22.84	252	146	0.058	ng	# 1
36) Benzo(k)fluoranthene	22.90	252	738	0.299	ng	# 1
37) Benzo(a)pyrene	23.41	252	86	0.039	ng	# 1
38) Dibenzo(a,h)anthracene	25.75	278	62	0.028	ng	# 1
39) Benzo(g,h,i)perylene	26.41	276	158	0.070	ng	# 1

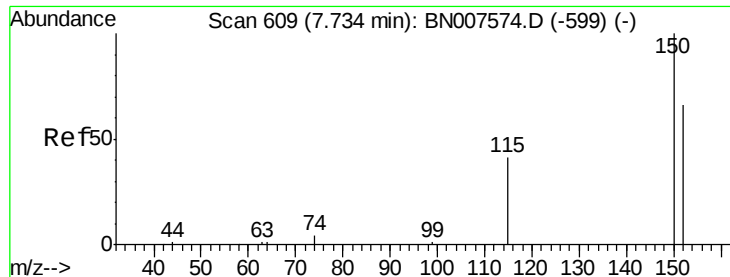
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
Data File : BN007588.D
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Sample : K4698-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GW507-K2-35.0-40.0-090419

Quant Time: Sep 11 15:50:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 11 14:14:20 2019
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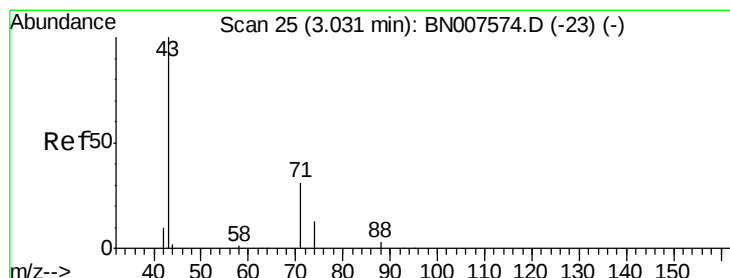
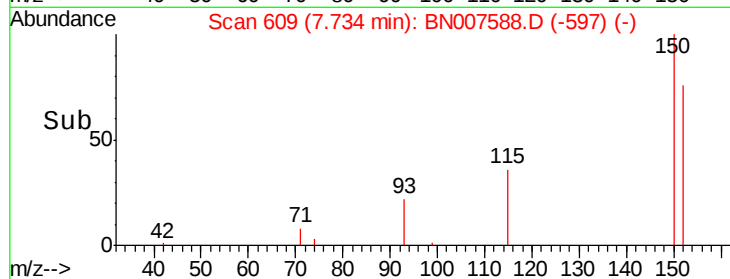
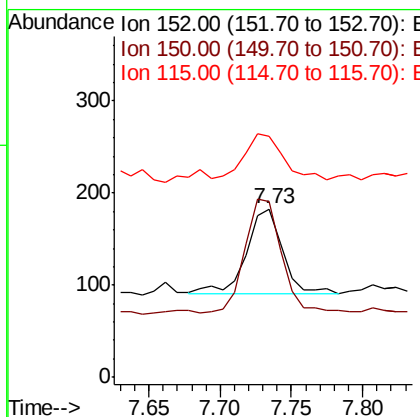
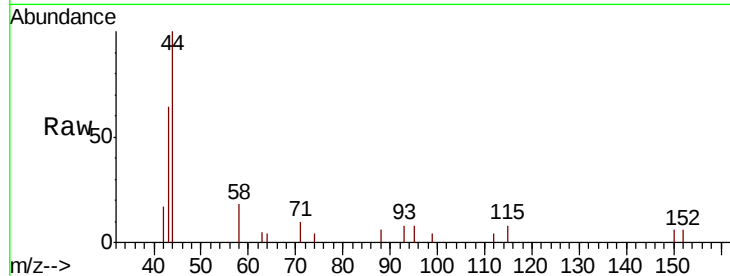




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BN007588.D
 Acq: 11 Sep 2019 15:17

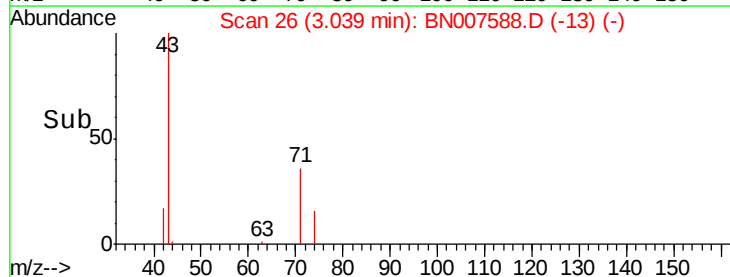
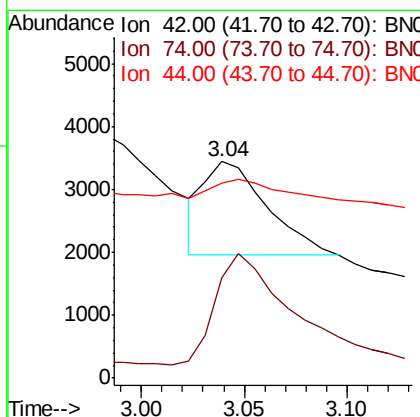
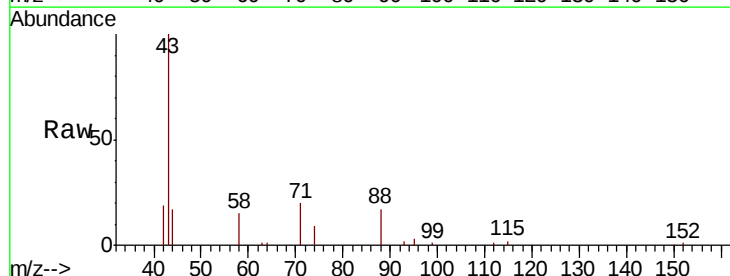
Instrument :
 BNA_N
 ClientSampleId :
 GW507-K2-35.0-40.0-090419

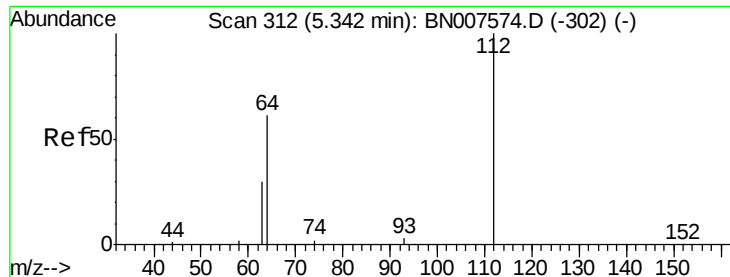
Tot Ion:152 Resp: 161
 Ion Ratio Lower Upper
 152 100
 150 104.4 119.5 179.3#
 115 143.2 53.0 79.6#



#3
 n-Nitrosodimethylamine
 Concen: 33.002 ng
 RT: 3.04 min Scan# 26
 Delta R.T. 0.01 min
 Lab File: BN007588.D
 Acq: 11 Sep 2019 15:17

Tgt Ion: 42 Resp: 3174
 Ion Ratio Lower Upper
 42 100
 74 135.9 0.0 0.0#
 44 20.5 0.0 0.0#





#4

2-Fluorophenol

Concen: 0.175 ng

RT: 5.35 min Scan# 313

Delta R.T. 0.01 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

Instrument :

BNA_N

ClientSampleId :

GW507-K2-35.0-40.0-090419

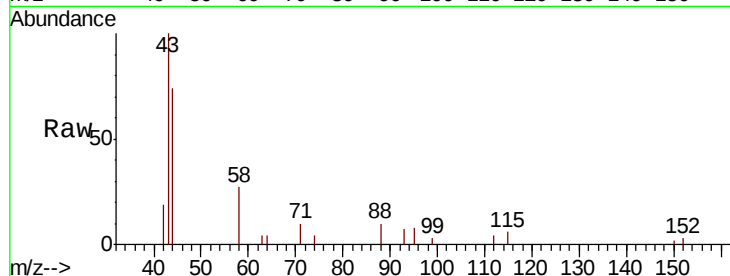
Tot Ion:112 Resp: 86

Ion Ratio Lower Upper

112 100

64 69.8 49.2 73.8

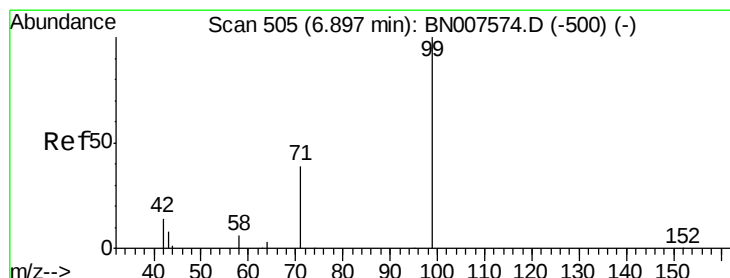
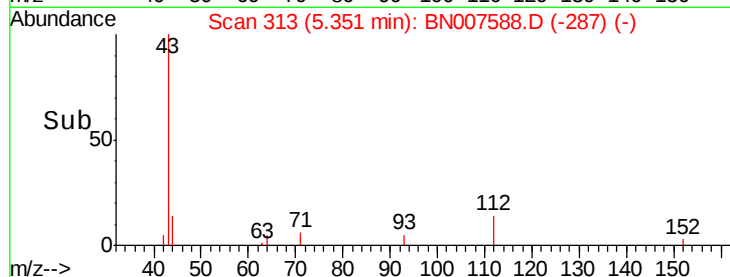
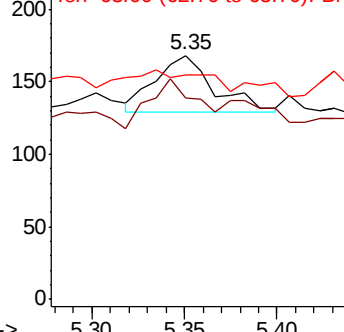
63 64.0 26.0 39.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.121 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

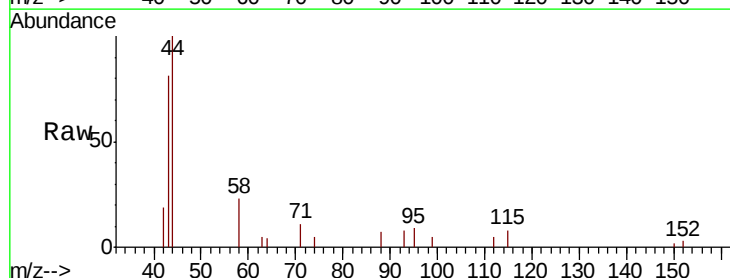
Tgt Ion: 99 Resp: 81

Ion Ratio Lower Upper

99 100

42 0.0 11.8 17.8#

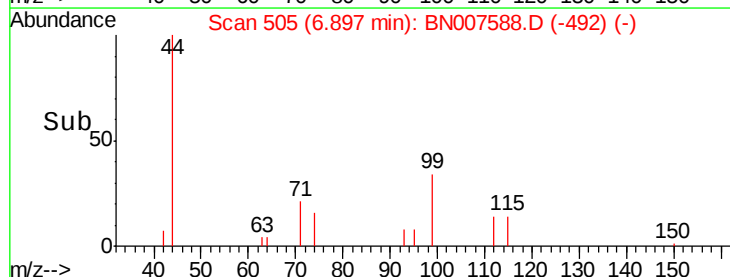
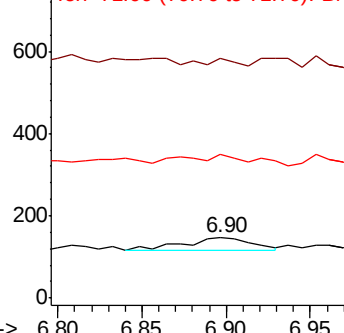
71 103.7 28.8 43.2#

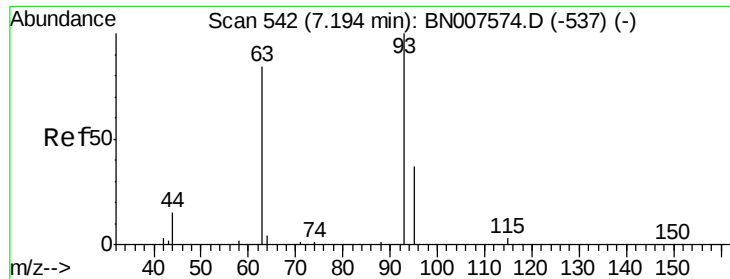


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO



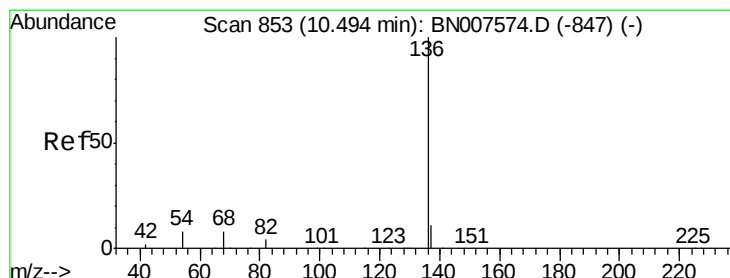
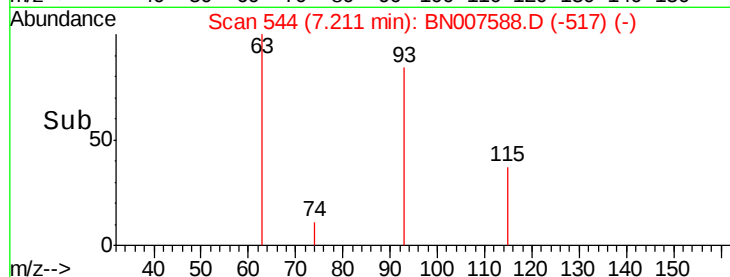
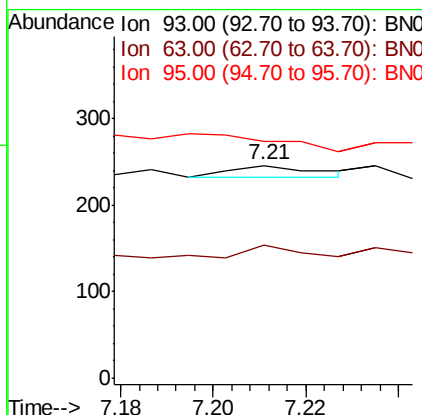
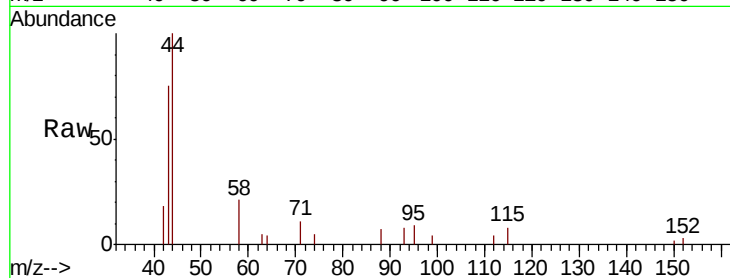


#6

bis(2-Chloroethyl)ether
 Concen: 0.248 ng
 RT: 7.21 min Scan# 544
 Delta R.T. 0.02 min
 Lab File: BN007588.D
 Acq: 11 Sep 2019 15:17

Instrument :
 BNA_N
 ClientSampleId :
 GW507-K2-35.0-40.0-090419

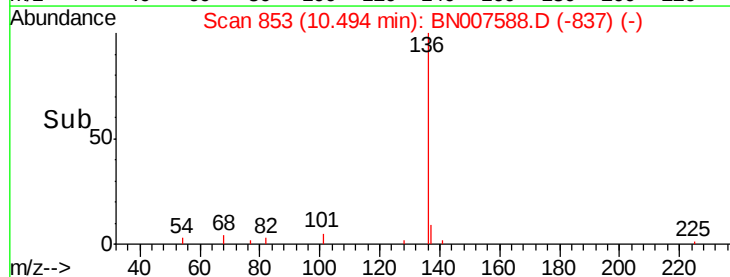
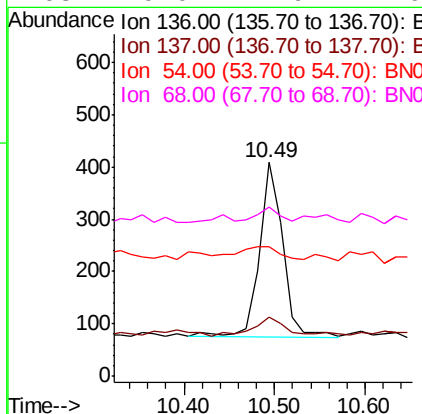
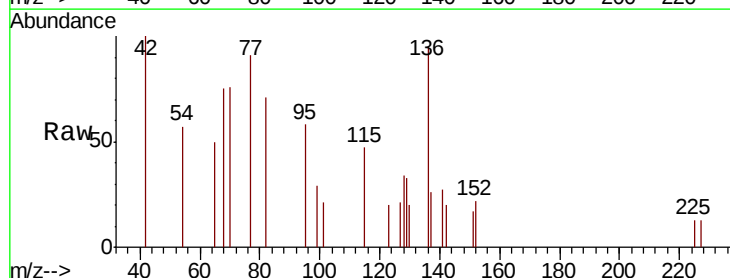
Tot Ion: 93 Resp: 17
 Ion Ratio Lower Upper
 93 100
 63 76.5 69.8 104.6
 95 0.0 42.8 64.2#

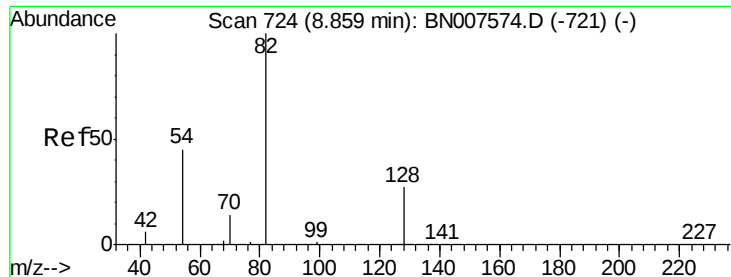


#7

Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.49 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BN007588.D
 Acq: 11 Sep 2019 15:17

Tgt Ion: 136 Resp: 601
 Ion Ratio Lower Upper
 136 100
 137 27.6 9.1 13.7#
 54 60.6 7.5 11.3#
 68 79.0 7.9 11.9#

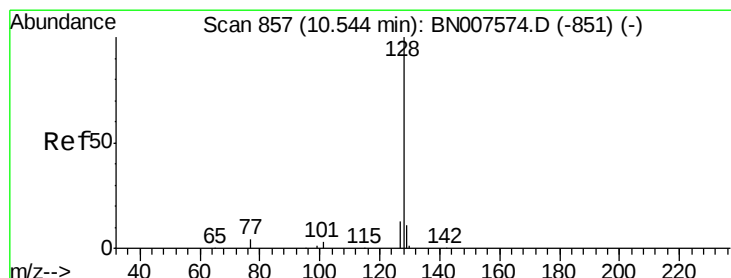
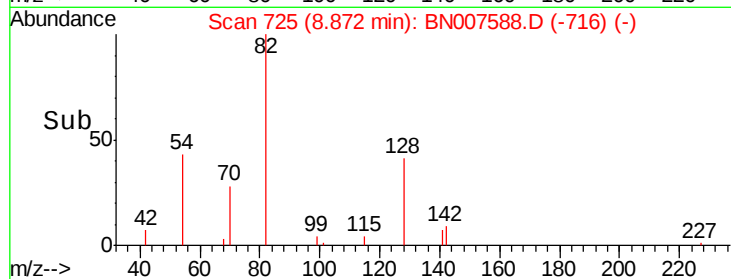
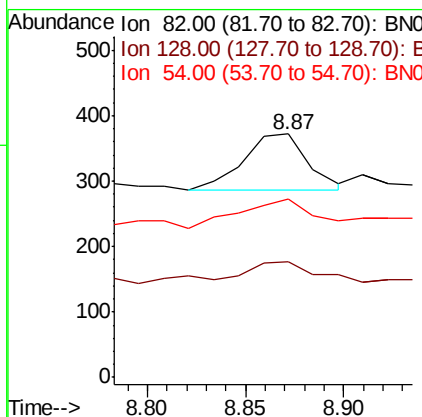
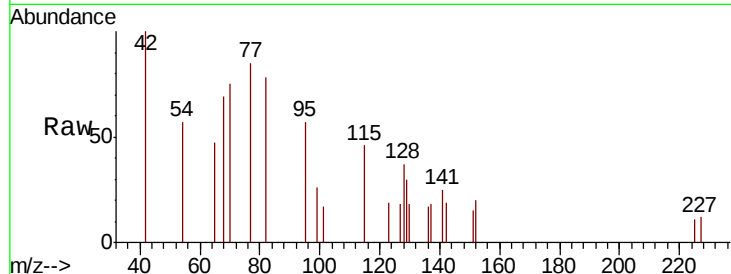




#8
 Nitrobenzene-d5
 Concen: 0.527 ng
 RT: 8.87 min Scan# 725
 Delta R.T. 0.01 min
 Lab File: BN007588.D
 Acq: 11 Sep 2019 15:17

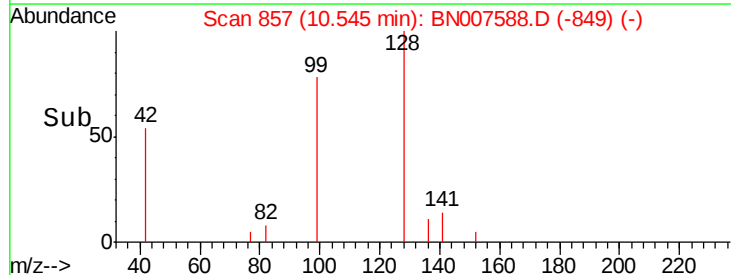
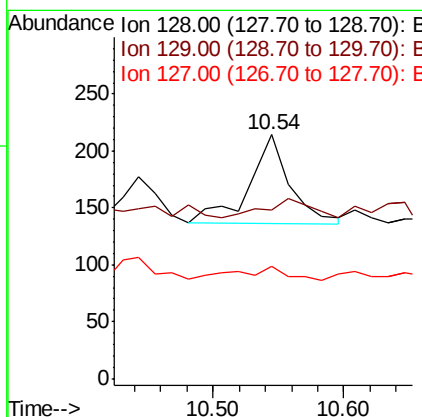
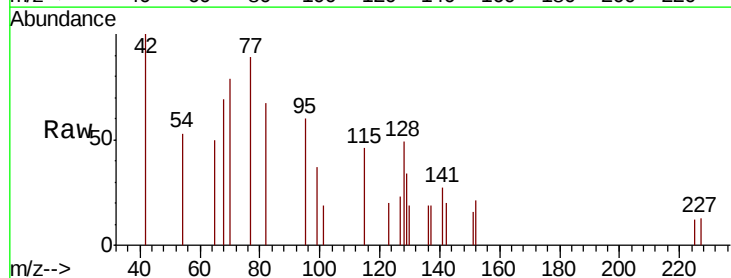
Instrument :
 BNA_N
 ClientSampleId :
 GW507-K2-35.0-40.0-090419

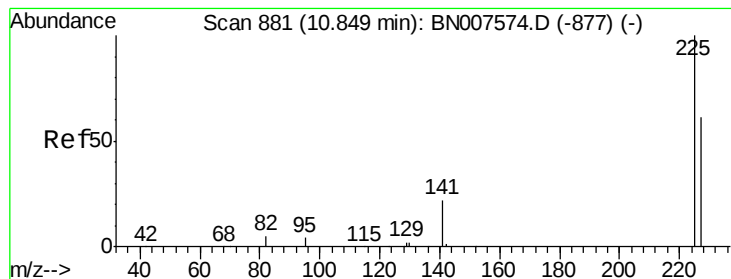
Tot Ion	82.00	Resp	193
Ion Ratio	100	Lower	Upper
128	47.6	23.4	35.2#
54	73.4	38.2	57.2#



#9
 Naphthalene
 Concen: 0.100 ng
 RT: 10.54 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BN007588.D
 Acq: 11 Sep 2019 15:17

Tgt Ion	128.00	Resp	169
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	69.2	9.3	13.9#
127	46.3	11.0	16.4#





#10

Hexachlorobutadiene

Concen: 0.021 ng

RT: 10.85 min Scan# 881

Delta R.T. 0.00 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

Instrument :

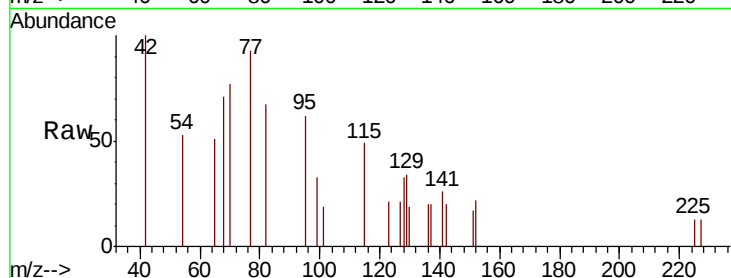
BNA_N

ClientSampleId :

GW507-K2-35.0-40.0-090419

Tot Ion:225 Resp: 7

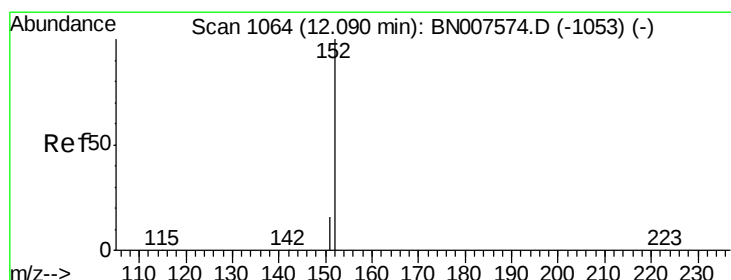
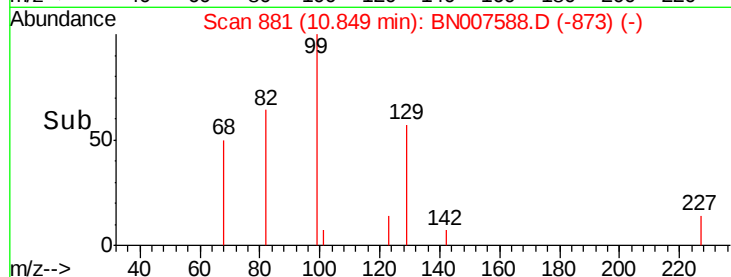
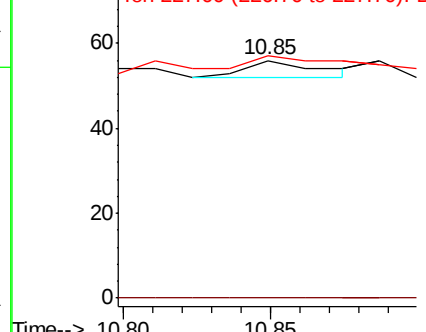
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	85.7	50.4	75.6#



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: 0.343 ng

RT: 12.09 min Scan# 1063

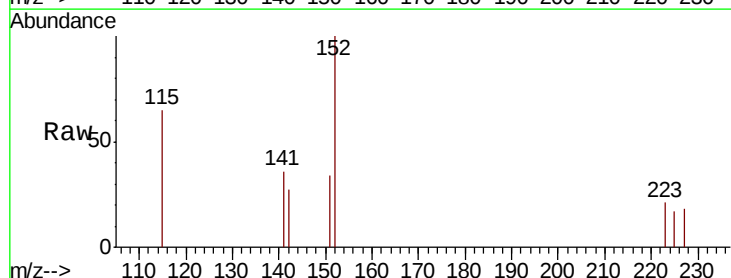
Delta R.T. -0.00 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

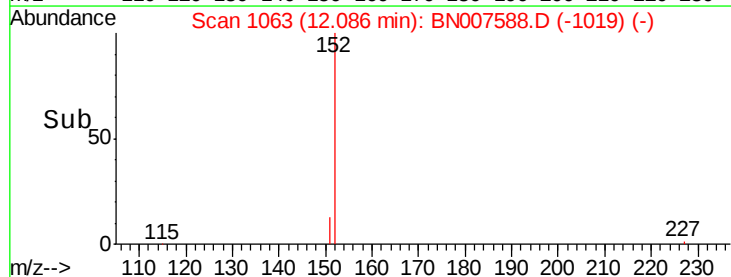
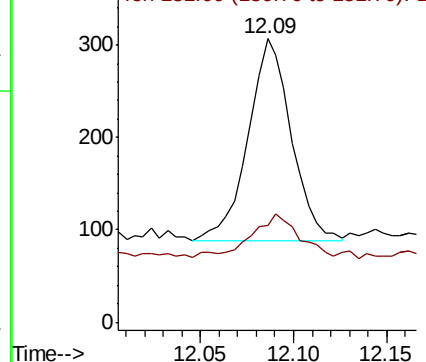
Tgt Ion:152 Resp: 356

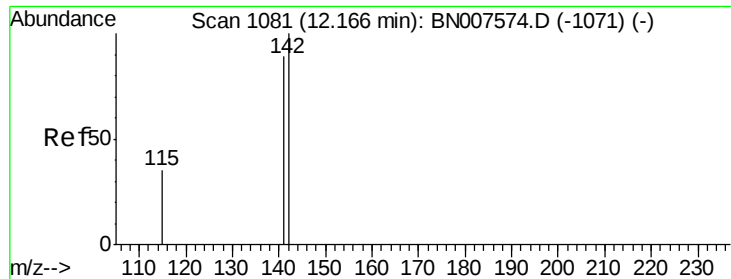
Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.3	22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

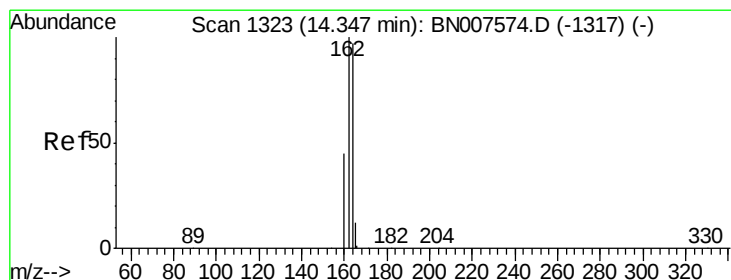
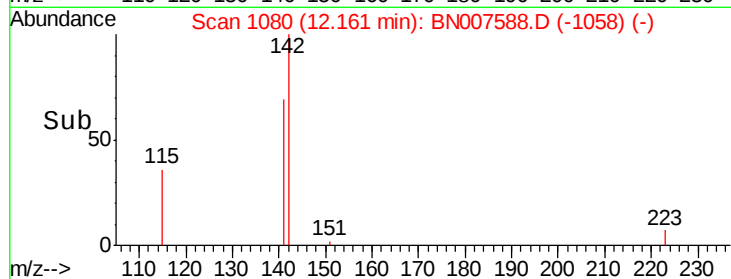
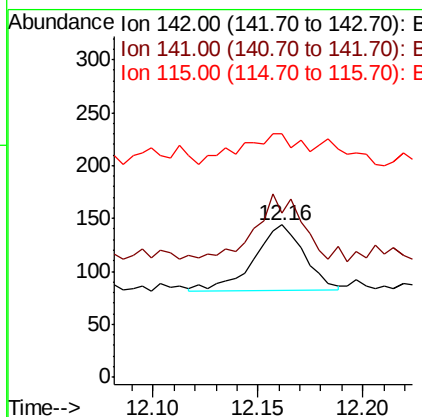
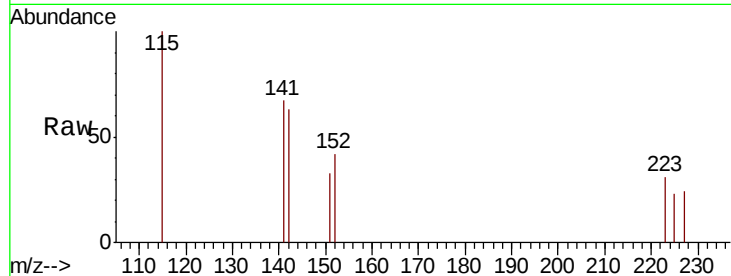




#12
2-Methylnaphthalene
Concen: 0.088 ng
RT: 12.16 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BN007588.D
Acq: 11 Sep 2019 15:17

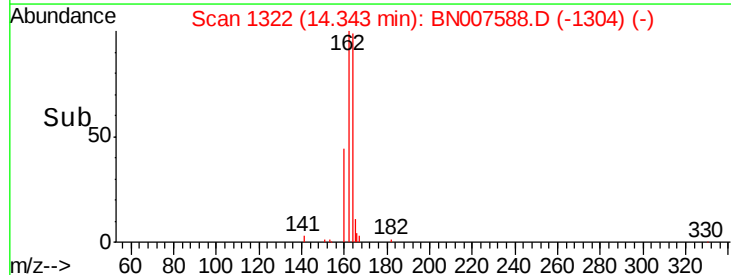
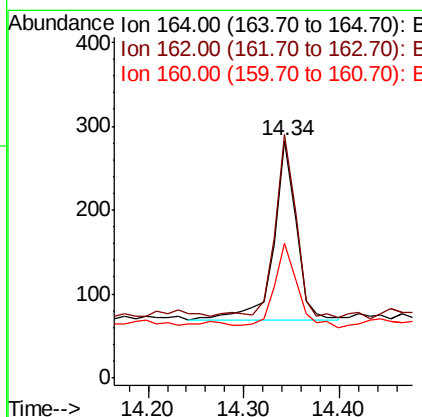
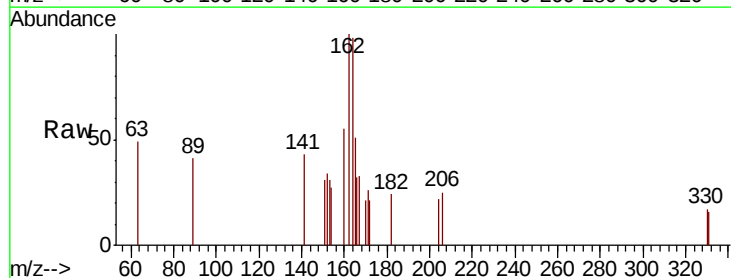
Instrument :
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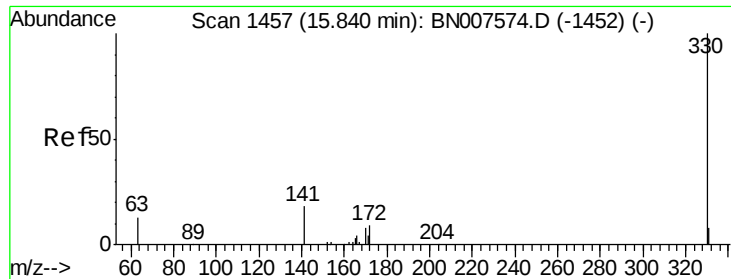
Tot Ion:142 Resp: 104
Ion Ratio Lower Upper
142 100
141 107.6 71.0 106.6#
115 159.7 29.1 43.7#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007588.D
Acq: 11 Sep 2019 15:17

Tgt Ion:164 Resp: 351
Ion Ratio Lower Upper
164 100
162 102.5 82.2 123.2
160 56.5 37.4 56.0#

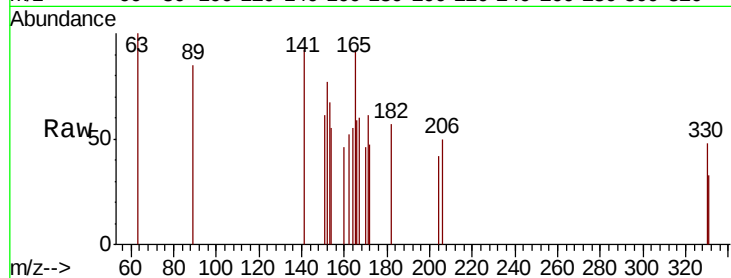




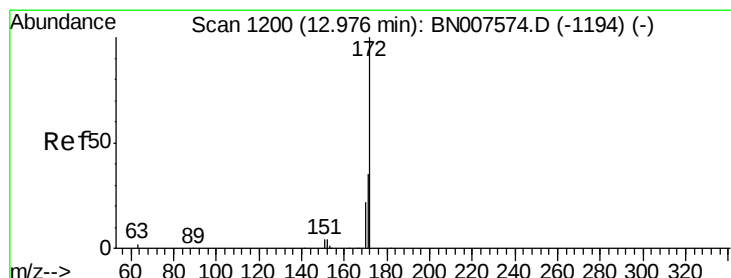
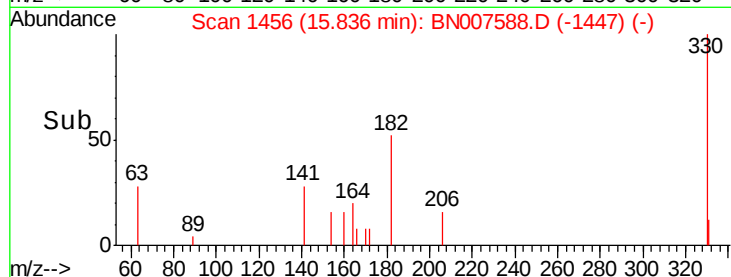
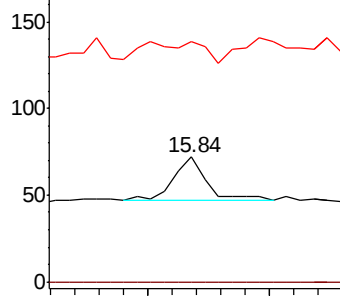
#14
2,4,6-Tribromophenol
Concen: 0.352 ng
RT: 15.84 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007588.D
Acq: 11 Sep 2019 15:17

Instrument :
BNA_N
ClientSampleId :
GW507-K2-35.0-40.0-090419

Tot Ion:330 Resp: 47
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 30.6 45.8#

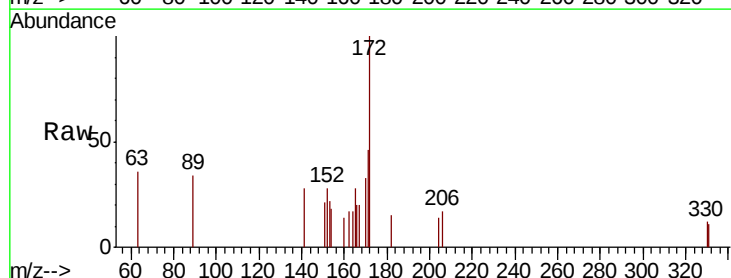


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

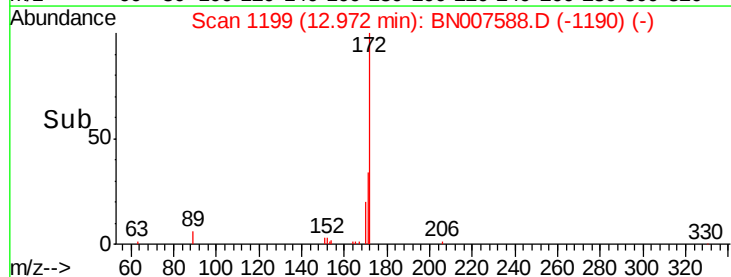
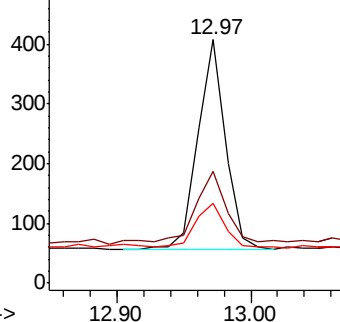


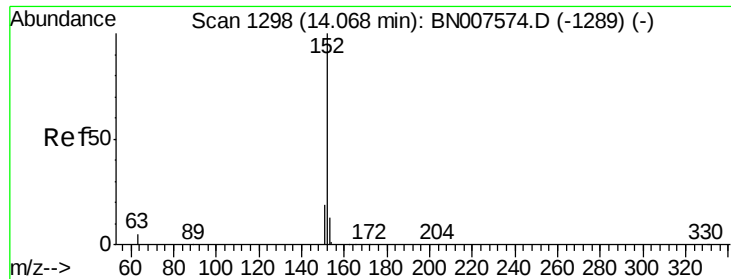
#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007588.D
Acq: 11 Sep 2019 15:17

Tgt Ion:172 Resp: 512
Ion Ratio Lower Upper
172 100
171 46.1 28.2 42.2#
170 32.8 18.3 27.5#



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: 0.033 ng

RT: 14.06 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

Instrument :

BNA_N

ClientSampleId :

GW507-K2-35.0-40.0-090419

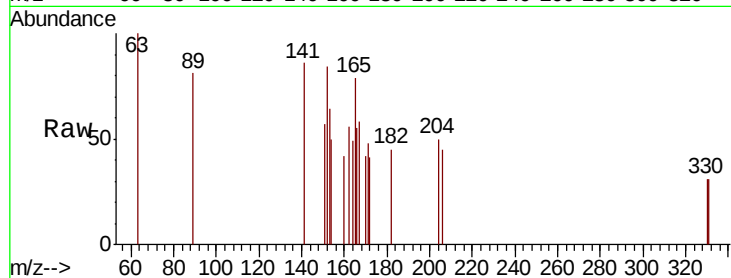
Tot Ion:152 Resp: 62

Ion Ratio Lower Upper

152 100

151 80.6 15.8 23.6#

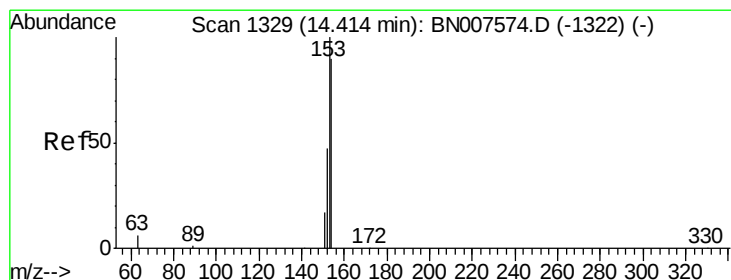
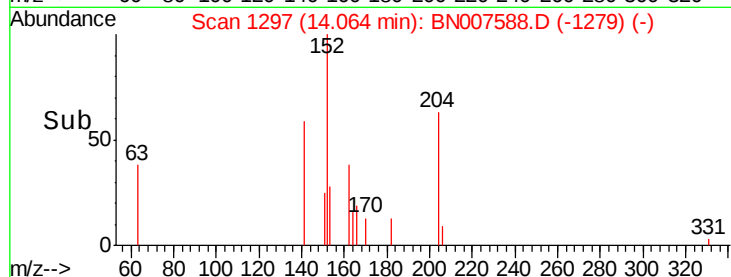
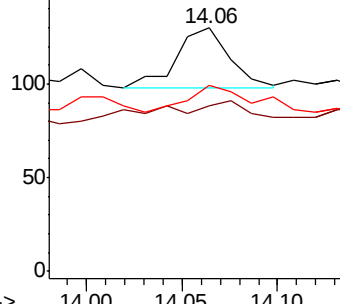
153 51.6 10.4 15.6#



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



#17

Acenaphthene

Concen: 0.060 ng

RT: 14.41 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

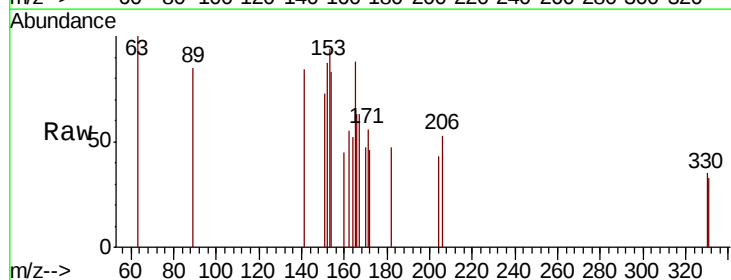
Tgt Ion:154 Resp: 72

Ion Ratio Lower Upper

154 100

153 101.4 89.4 134.2

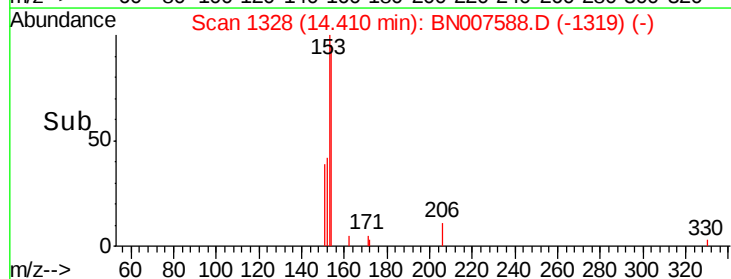
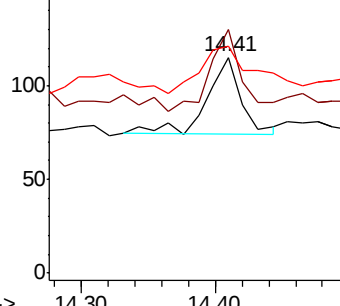
152 102.8 43.4 65.0#

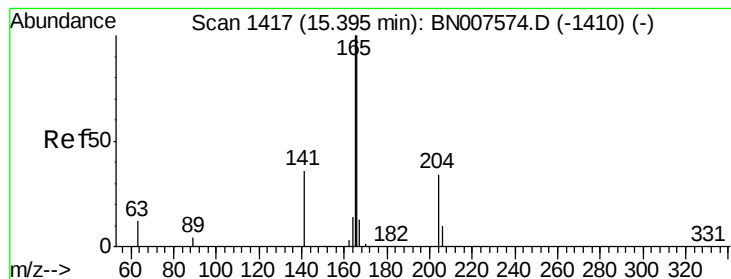


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.087 ng

RT: 15.39 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

Instrument:

BNA_N

ClientSampleId:

GW507-K2-35.0-40.0-090419

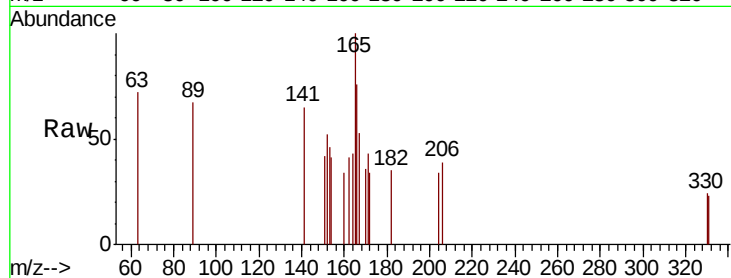
Tot Ion:166 Resp: 136

Ion Ratio Lower Upper

166 100

165 92.6 77.8 116.6

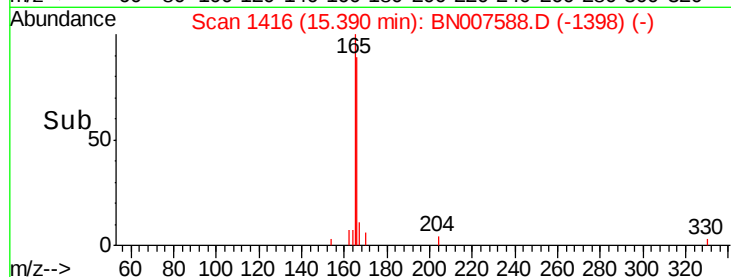
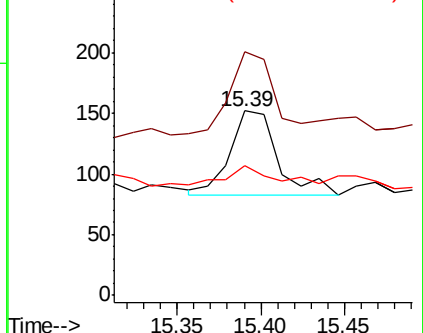
167 20.6 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

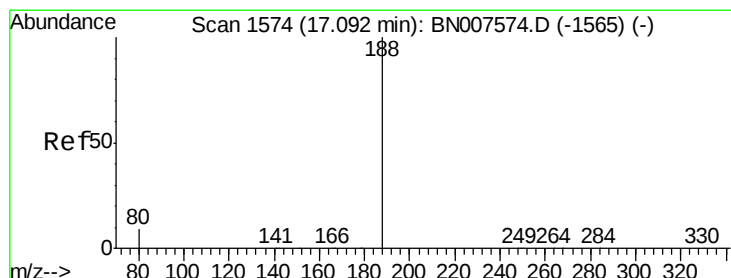
Tgt Ion:188 Resp: 612

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

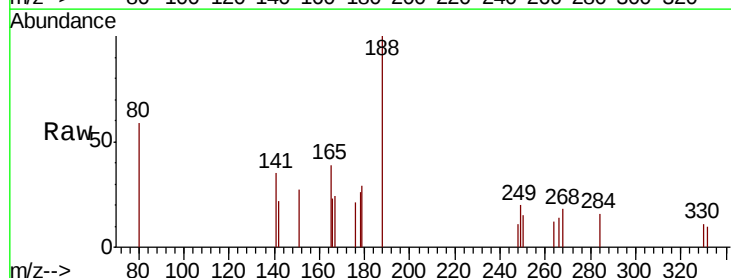
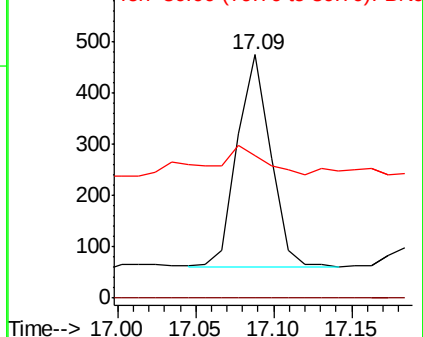
80 58.7 8.1 12.1#

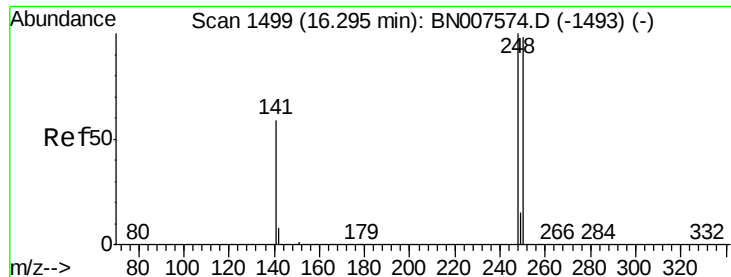


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

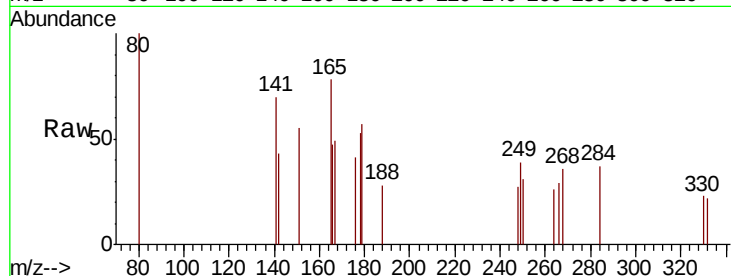




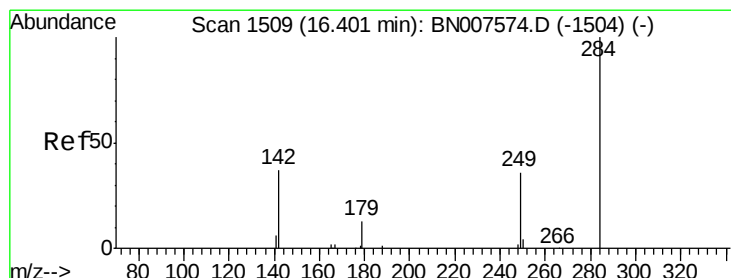
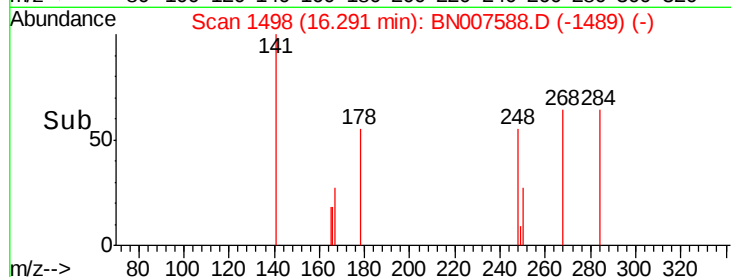
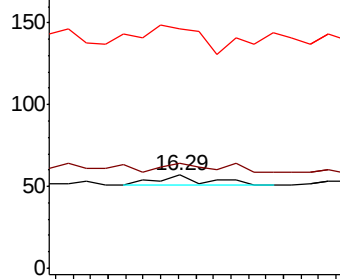
#20
4-Bromophenyl-phenylether
Concen: 0.030 ng
RT: 16.29 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BN007588.D
Acq: 11 Sep 2019 15:17

Instrument :
BNA_N
ClientSampleId :
GW507-K2-35.0-40.0-090419

Tot Ion:248 Resp: 11
Ion Ratio Lower Upper
248 100
250 112.3 78.9 118.3
141 256.1 48.3 72.5#

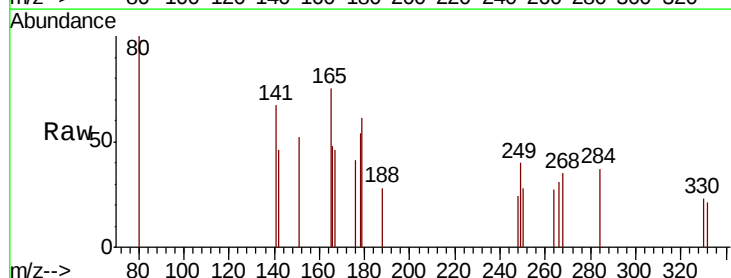


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

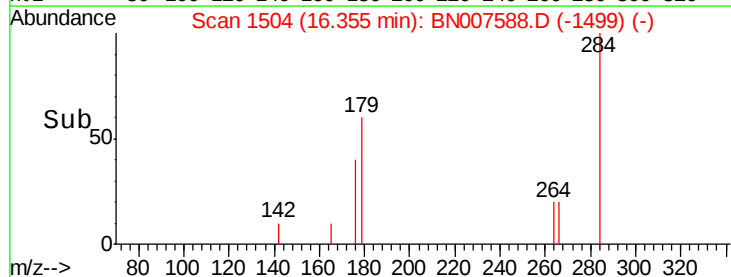
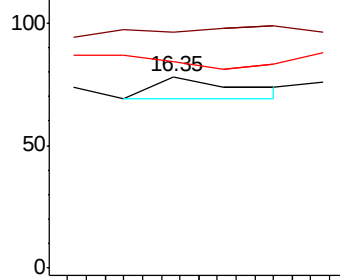


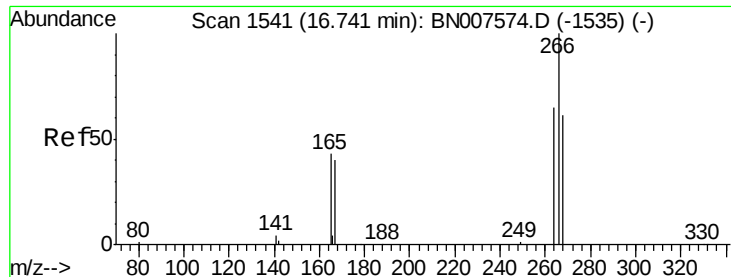
#21
Hexachlorobenzene
Concen: 0.032 ng
RT: 16.35 min Scan# 1504
Delta R.T. -0.05 min
Lab File: BN007588.D
Acq: 11 Sep 2019 15:17

Tgt Ion:284 Resp: 12
Ion Ratio Lower Upper
284 100
142 0.0 27.9 41.9#
249 0.0 26.0 39.0#



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

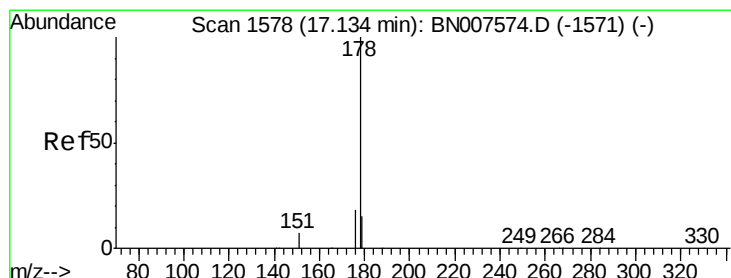
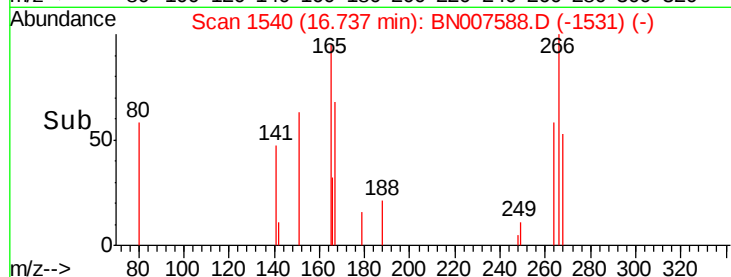
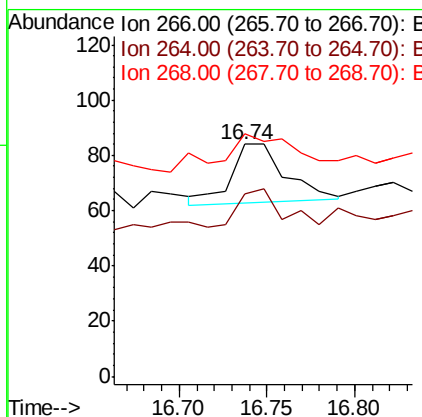
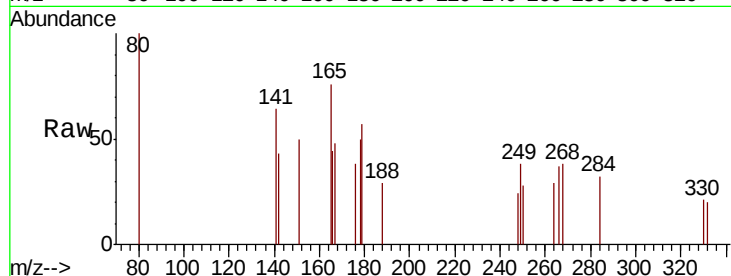




#22
 Pentachlorophenol
 Concen: 0.535 ng
 RT: 16.74 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BN007588.D
 Acq: 11 Sep 2019 15:17

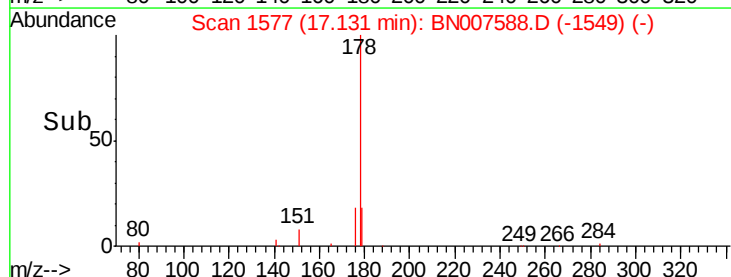
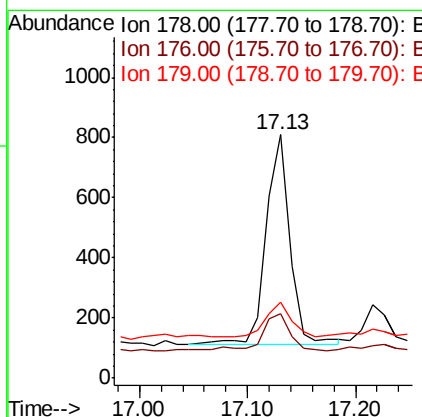
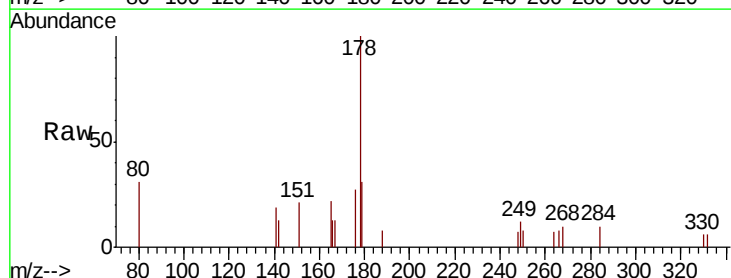
Instrument :
 BNA_N
 ClientSampleId :
 GW507-K2-35.0-40.0-090419

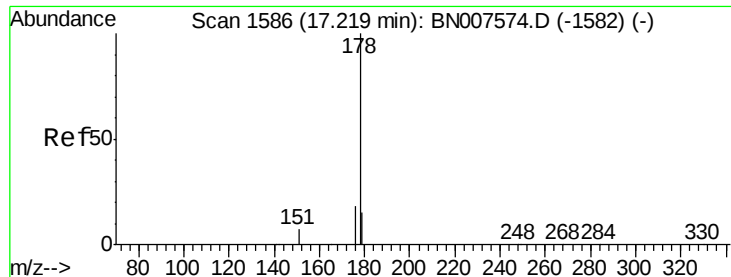
Tot Ion	Ratio	Lower	Upper
266	100		
264	78.6	52.0	78.0#
268	104.8	53.5	80.3#



#23
 Phenanthrene
 Concen: 0.556 ng
 RT: 17.13 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BN007588.D
 Acq: 11 Sep 2019 15:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.4	15.0	22.4
179	19.5	12.2	18.2#





#24

Anthracene

Concen: 0.092 ng

RT: 17.22 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

Instrument :

BNA_N

ClientSampleId :

GW507-K2-35.0-40.0-090419

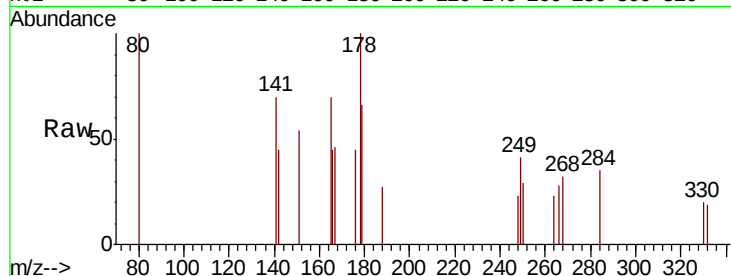
Tot Ion:178 Resp: 160

Ion Ratio Lower Upper

178 100

176 33.8 14.4 21.6#

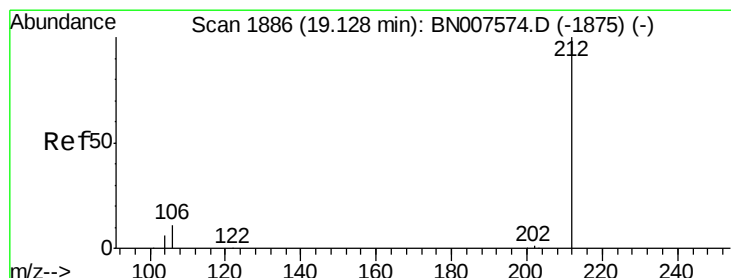
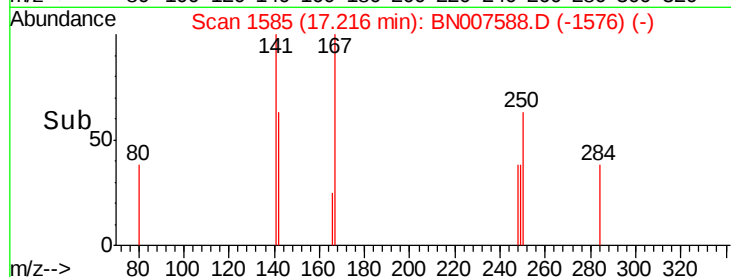
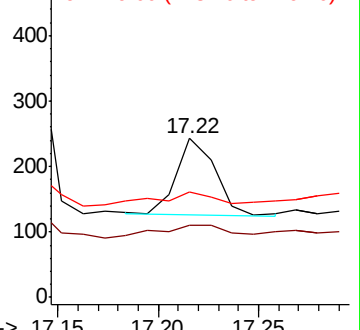
179 22.5 12.5 18.7#



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: 0.356 ng

RT: 19.12 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

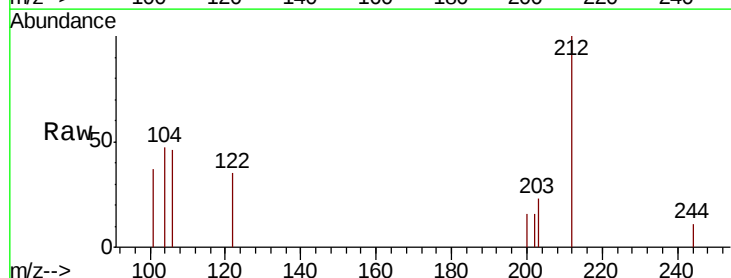
Tgt Ion:212 Resp: 708

Ion Ratio Lower Upper

212 100

106 16.1 9.7 14.5#

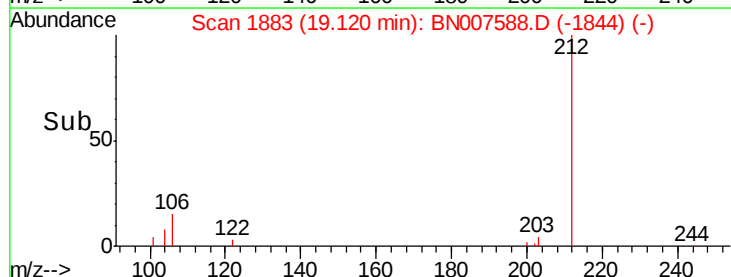
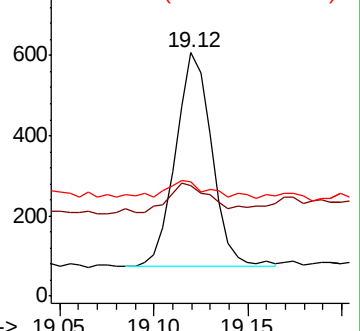
104 9.0 5.5 8.3#

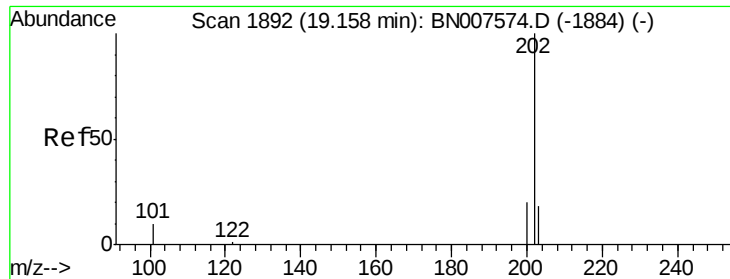


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.420 ng

RT: 19.15 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

Instrument :

BNA_N

ClientSampleId :

GW507-K2-35.0-40.0-090419

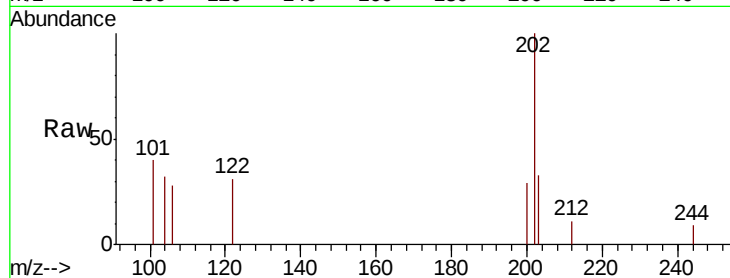
Tot Ion:202 Resp: 962

Ion Ratio Lower Upper

202 100

101 0.0 8.8 13.2#

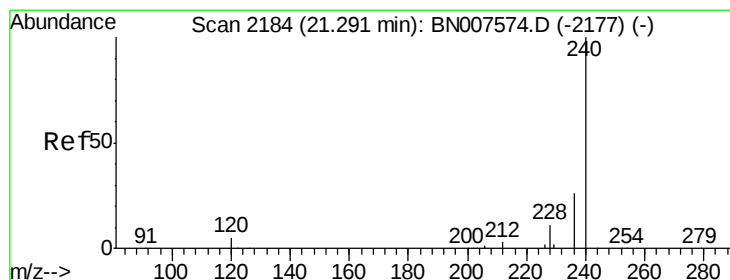
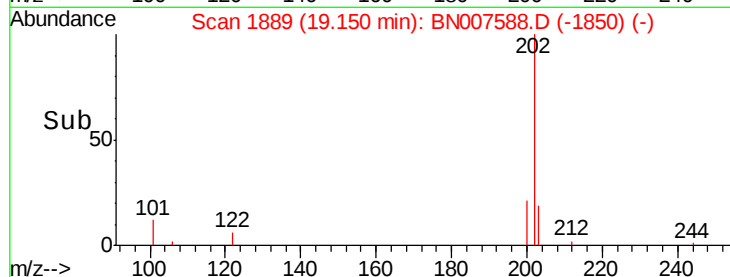
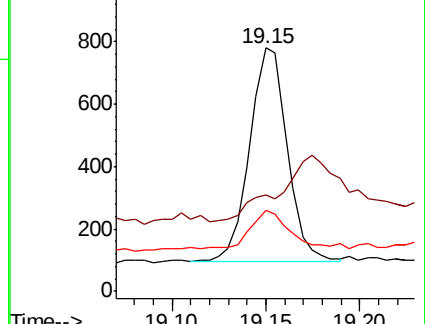
203 23.5 13.8 20.8#



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: 21.28 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

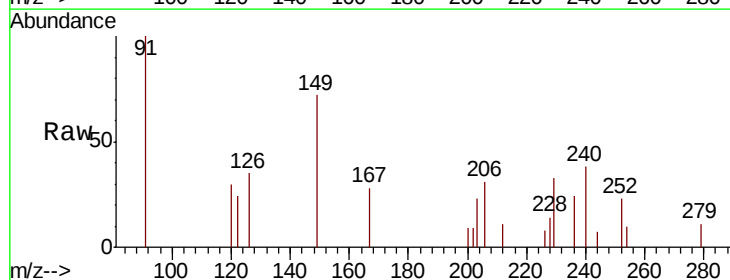
Tgt Ion:240 Resp: 1397

Ion Ratio Lower Upper

240 100

120 79.6 5.0 7.4#

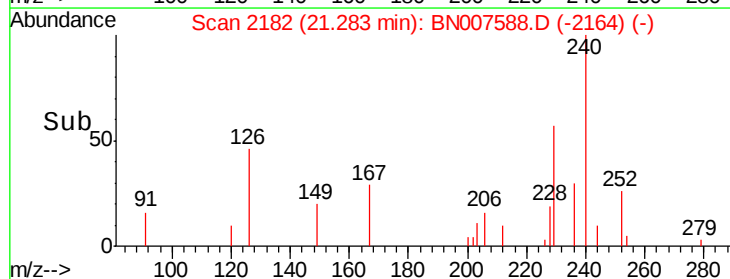
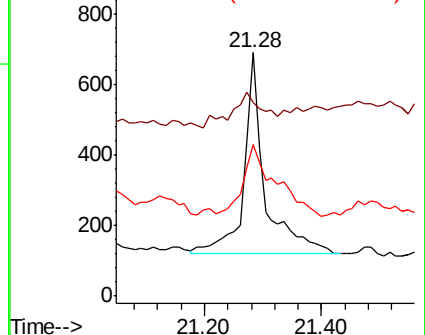
236 62.0 20.6 31.0#

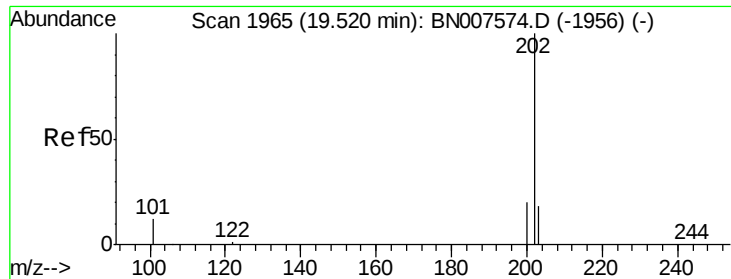


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

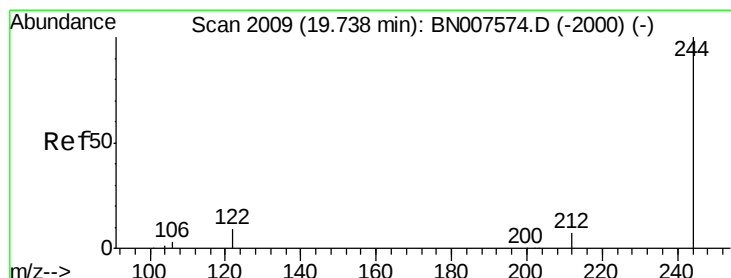
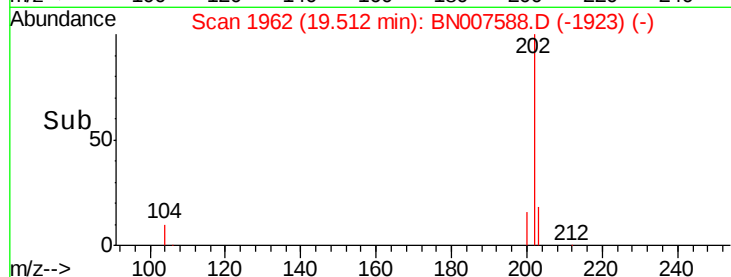
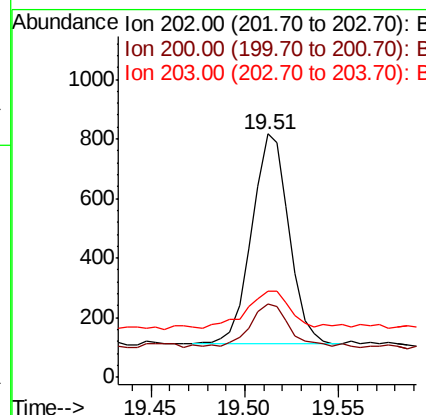
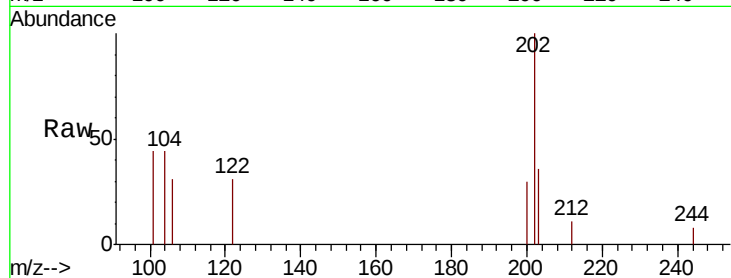




#28
Pvrene
Concen: 0.194 ng
RT: 19.51 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BN007588.D
Acq: 11 Sep 2019 15:17

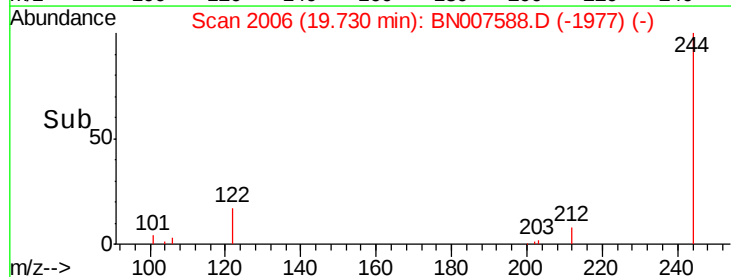
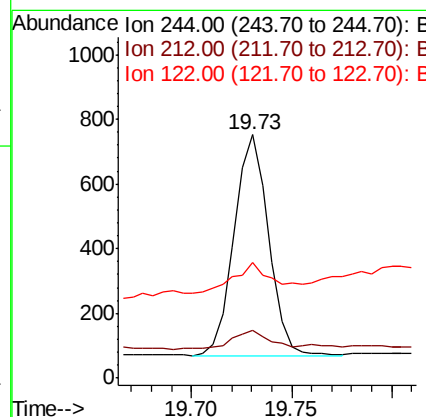
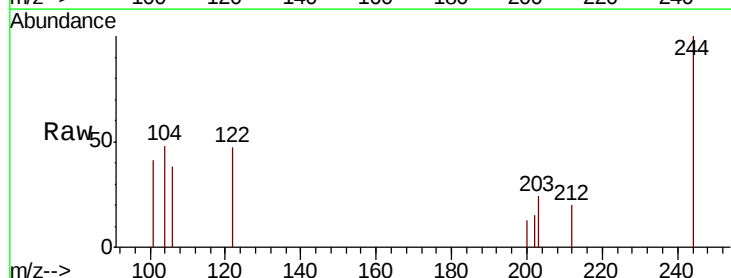
Instrument :
BNA_N
ClientSampleId :
GW507-K2-35.0-40.0-090419

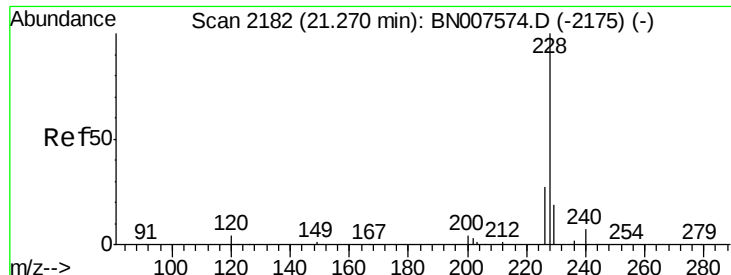
Tot Ion:202 Resp: 973
Ion Ratio Lower Upper
202 100
200 23.9 16.3 24.5
203 19.7 14.1 21.1



#29
Terphenyl-d14
Concen: 0.226 ng
RT: 19.73 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BN007588.D
Acq: 11 Sep 2019 15:17

Tgt Ion:244 Resp: 822
Ion Ratio Lower Upper
244 100
212 19.7 5.8 8.8#
122 47.3 7.8 11.6#





#30

Benzo(a)anthracene

Concen: 0.079 ng

RT: 21.26 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

Instrument :

BNA_N

ClientSampleId :

GW507-K2-35.0-40.0-090419

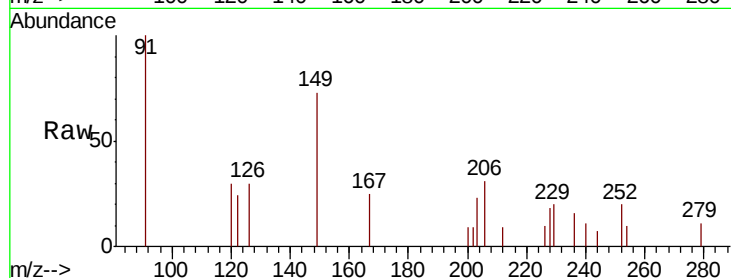
Tot Ion:228 Resp: 394

Ion Ratio Lower Upper

228 100

226 54.2 21.6 32.4#

229 107.5 15.7 23.5#

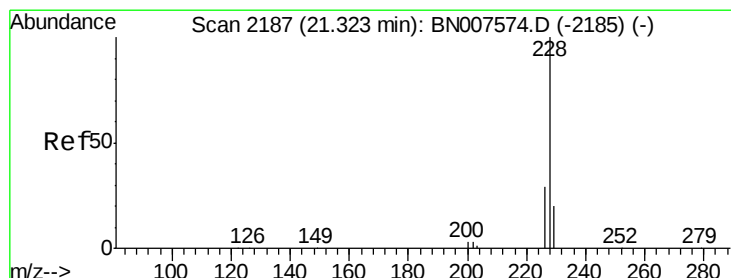
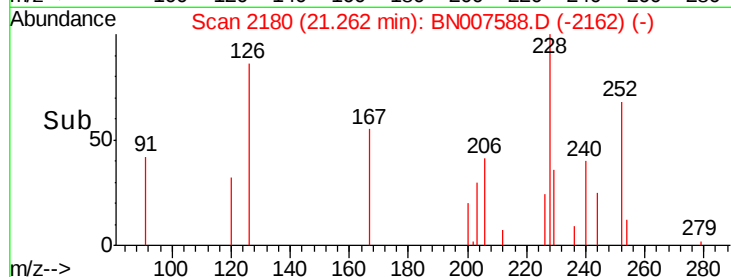
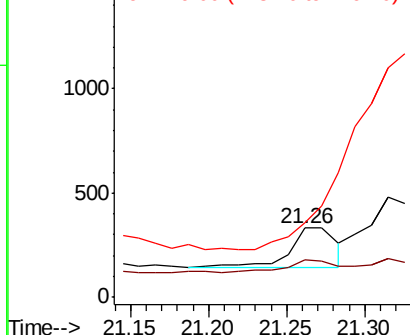


Abundance

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: 0.102 ng

RT: 21.31 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

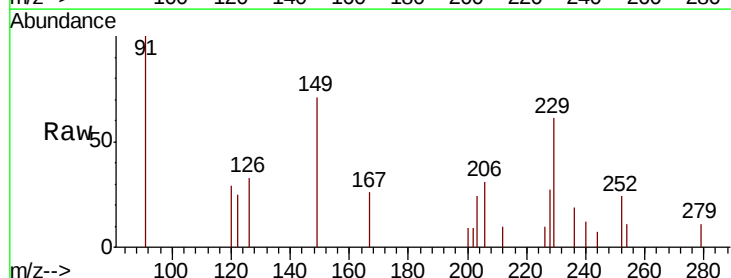
Tgt Ion:228 Resp: 518

Ion Ratio Lower Upper

228 100

226 39.1 23.4 35.2#

229 228.9 15.7 23.5#

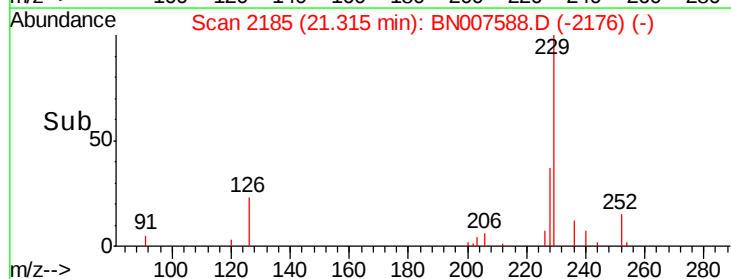
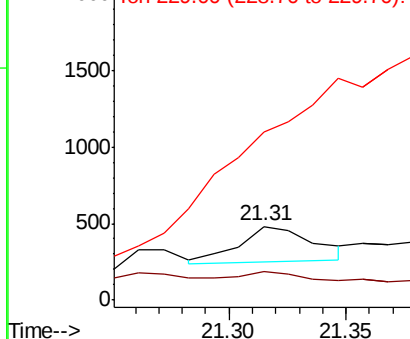


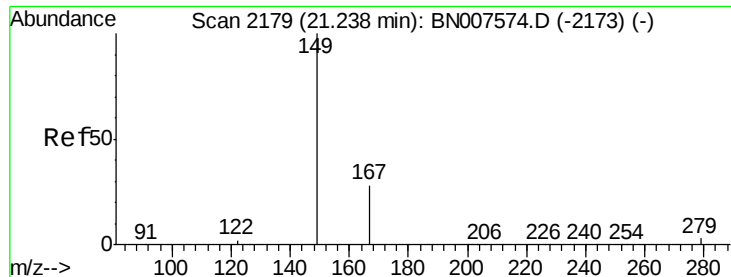
Abundance

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: 3.273 ng

RT: 21.23 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

Instrument :

BNA_N

ClientSampleId :

GW507-K2-35.0-40.0-090419

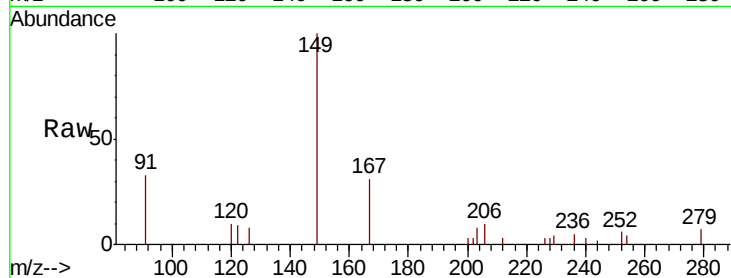
Tot Ion:149 Resp: 5599

Ion Ratio Lower Upper

149 100

167 31.9 22.1 33.1

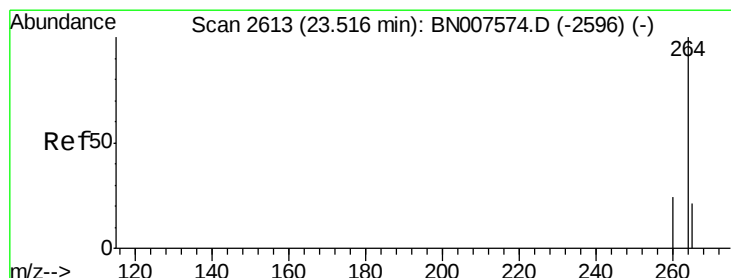
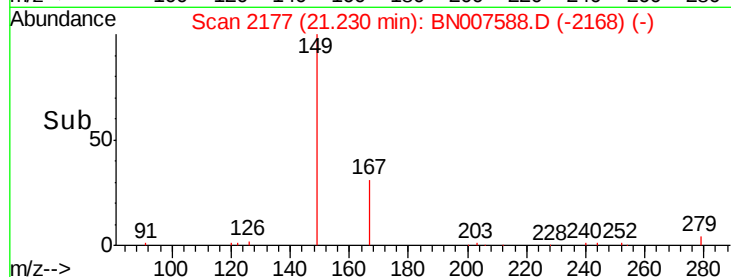
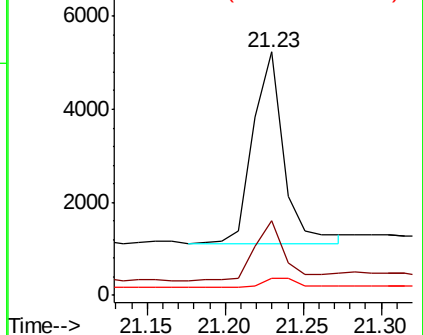
279 5.9 3.9 5.9#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.51 min Scan# 2610

Delta R.T. -0.00 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

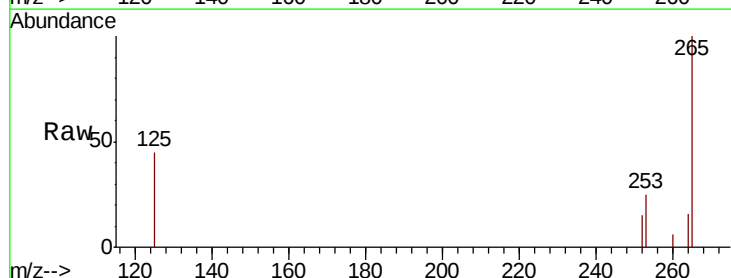
Tgt Ion:264 Resp: 703

Ion Ratio Lower Upper

264 100

260 34.9 19.3 28.9#

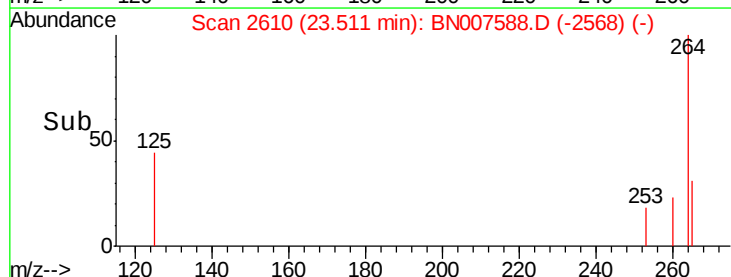
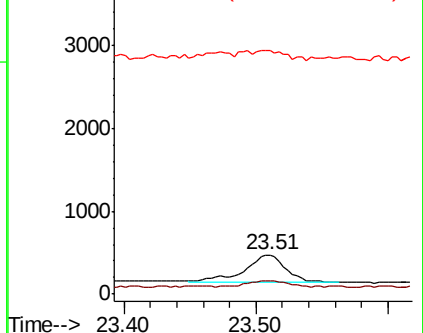
265 625.5 25.6 38.4#

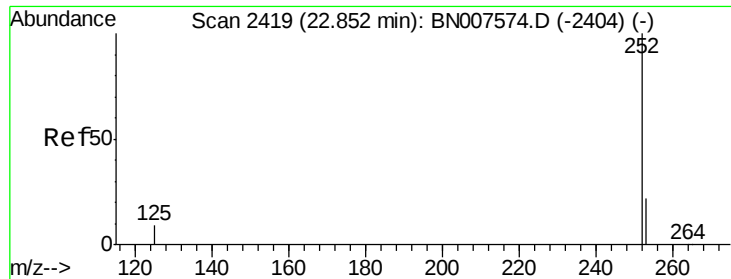


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.058 ng

RT: 22.84 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

Instrument :

BNA_N

ClientSampleId :

GW507-K2-35.0-40.0-090419

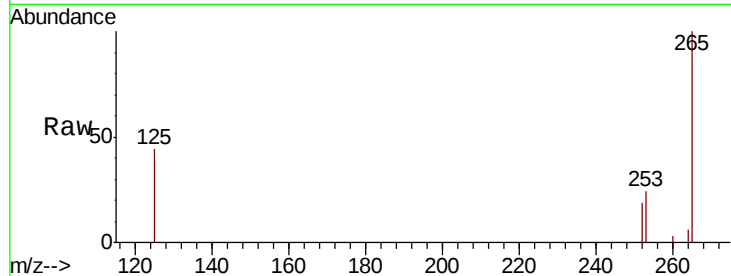
Tot Ion:252 Resp: 146

Ion Ratio Lower Upper

252 100

253 127.4 18.5 27.7#

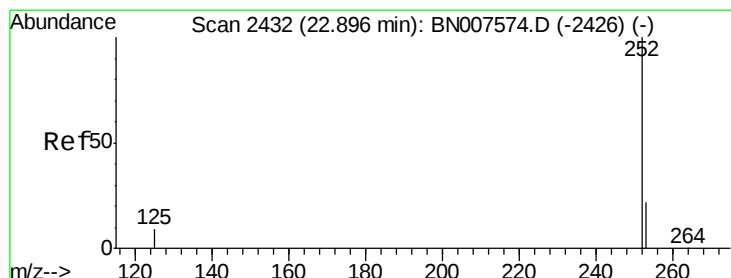
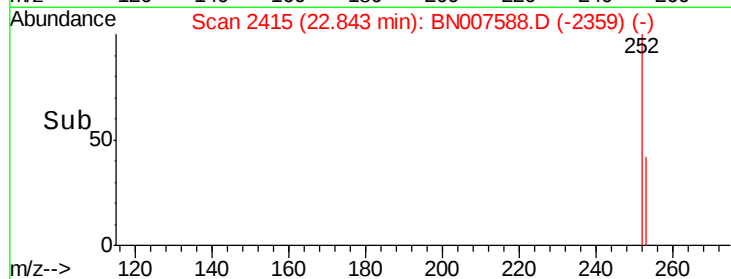
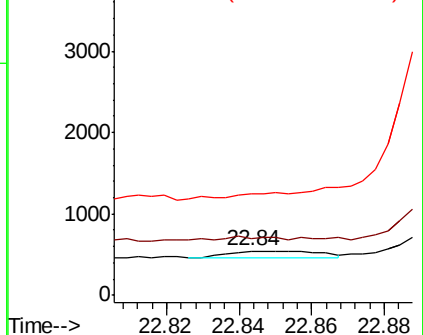
125 229.2 8.2 12.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.299 ng

RT: 22.90 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

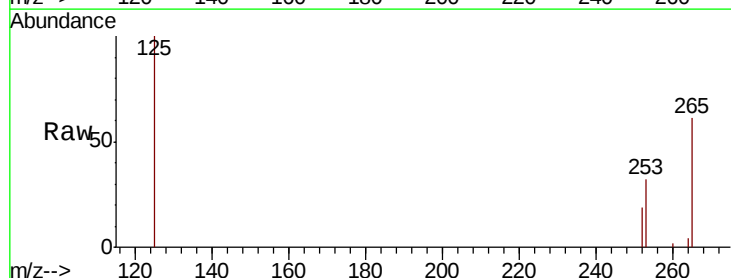
Tgt Ion:252 Resp: 738

Ion Ratio Lower Upper

252 100

253 169.7 18.4 27.6#

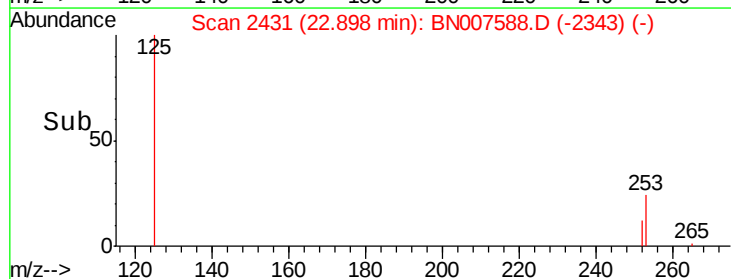
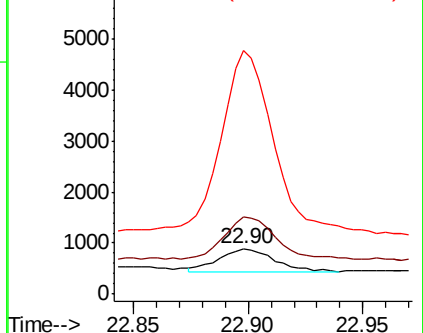
125 533.5 8.2 12.2#

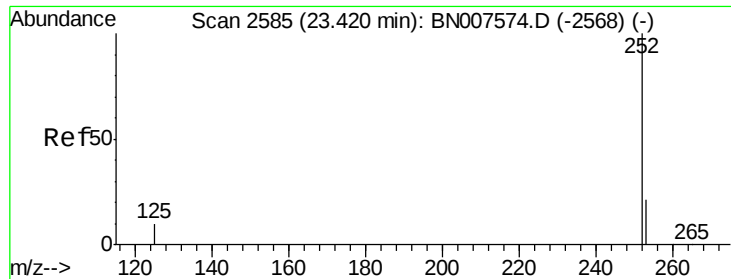


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.039 ng

RT: 23.41 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

Instrument :

BNA_N

ClientSampleId :

GW507-K2-35.0-40.0-090419

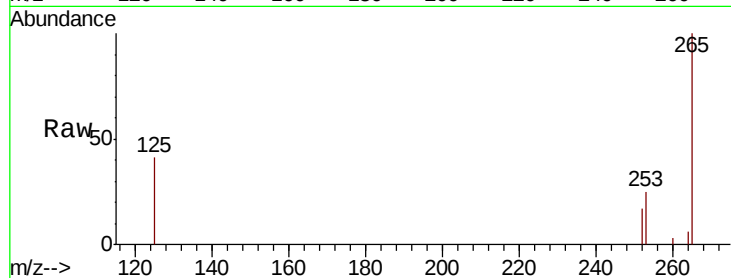
Tot Ion:252 Resp: 86

Ion Ratio Lower Upper

252 100

253 143.1 18.6 28.0#

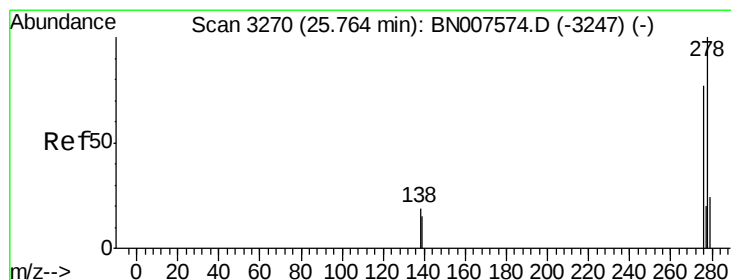
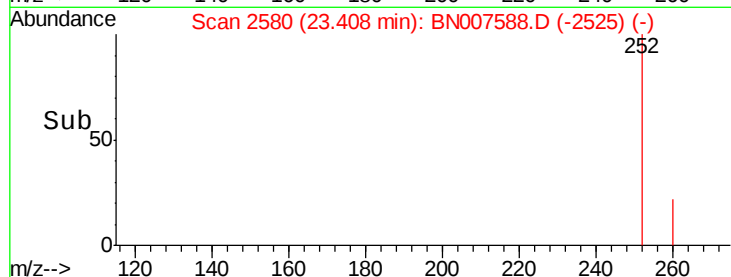
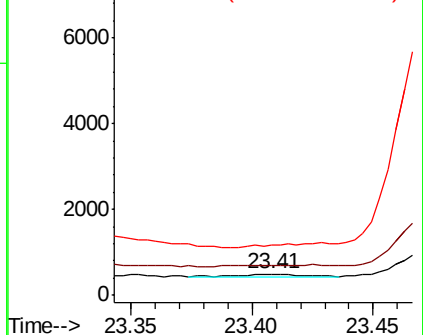
125 239.8 9.2 13.8#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.028 ng

RT: 25.75 min Scan# 3264

Delta R.T. -0.02 min

Lab File: BN007588.D

Acq: 11 Sep 2019 15:17

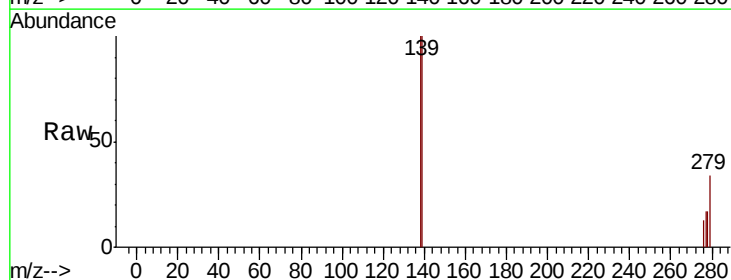
Tgt Ion:278 Resp: 62

Ion Ratio Lower Upper

278 100

139 577.4 12.5 18.7#

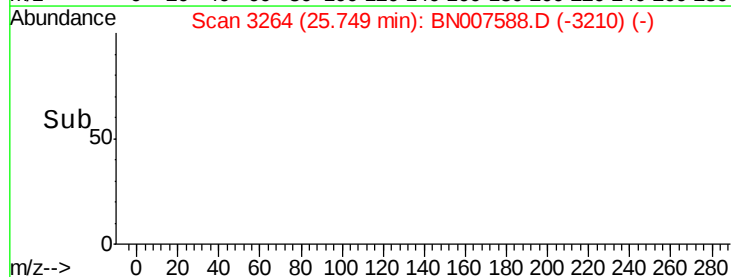
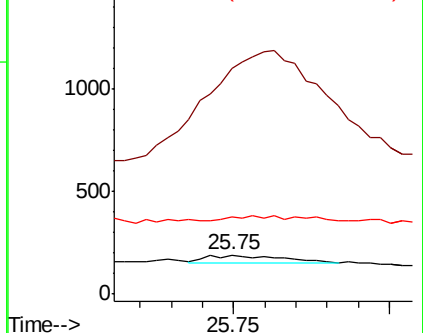
279 197.9 20.2 30.2#

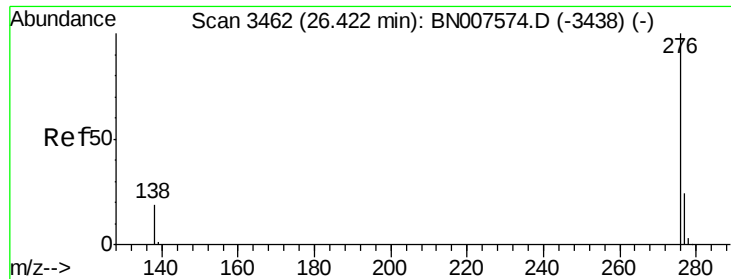


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.070 ng

RT: 26.41 min Scan# 3457

Delta R.T. -0.01 min

Lab File: BN007588.D

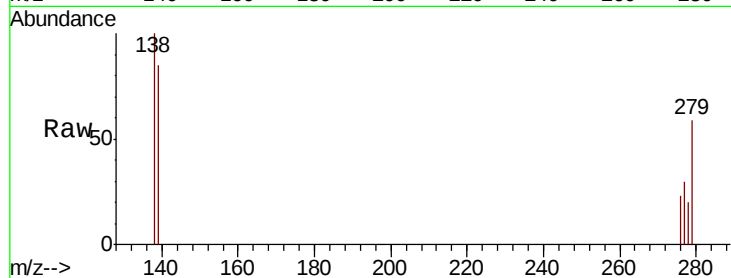
Acq: 11 Sep 2019 15:17

Instrument :

BNA_N

ClientSampleId :

GW507-K2-35.0-40.0-090419



Tot Ion: 276 Resp: 158

Ion Ratio Lower Upper

276 100

277 128.7 19.7 29.5#

138 431.8 15.9 23.9#

