

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006714.D
 Acq On : 05 Jul 2019 14:15
 Operator : HP/JU
 Sample : K3560-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-009-B218-062419

Quant Time: Jul 05 22:50:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3175	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	11840	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	7335	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	17023	0.40	ng	-0.02
27) Chrysene-d12	21.24	240	16733	0.40	ng	-0.02
34) Perylene-d12	23.46	264	19472	0.40	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	3168	0.37	ng	-0.02
5) Phenol-d6	6.79	99	4497	0.41	ng	-0.04
8) Nitrobenzene-d5	8.78	82	2711	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	6743	0.38	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	1337	0.37	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	9131	0.32	ng	-0.02
25) Fluoranthene-d10	19.06	212	17118	0.35	ng	-0.02
29) Terphenyl-d14	19.66	244	11656	0.30	ng	-0.02

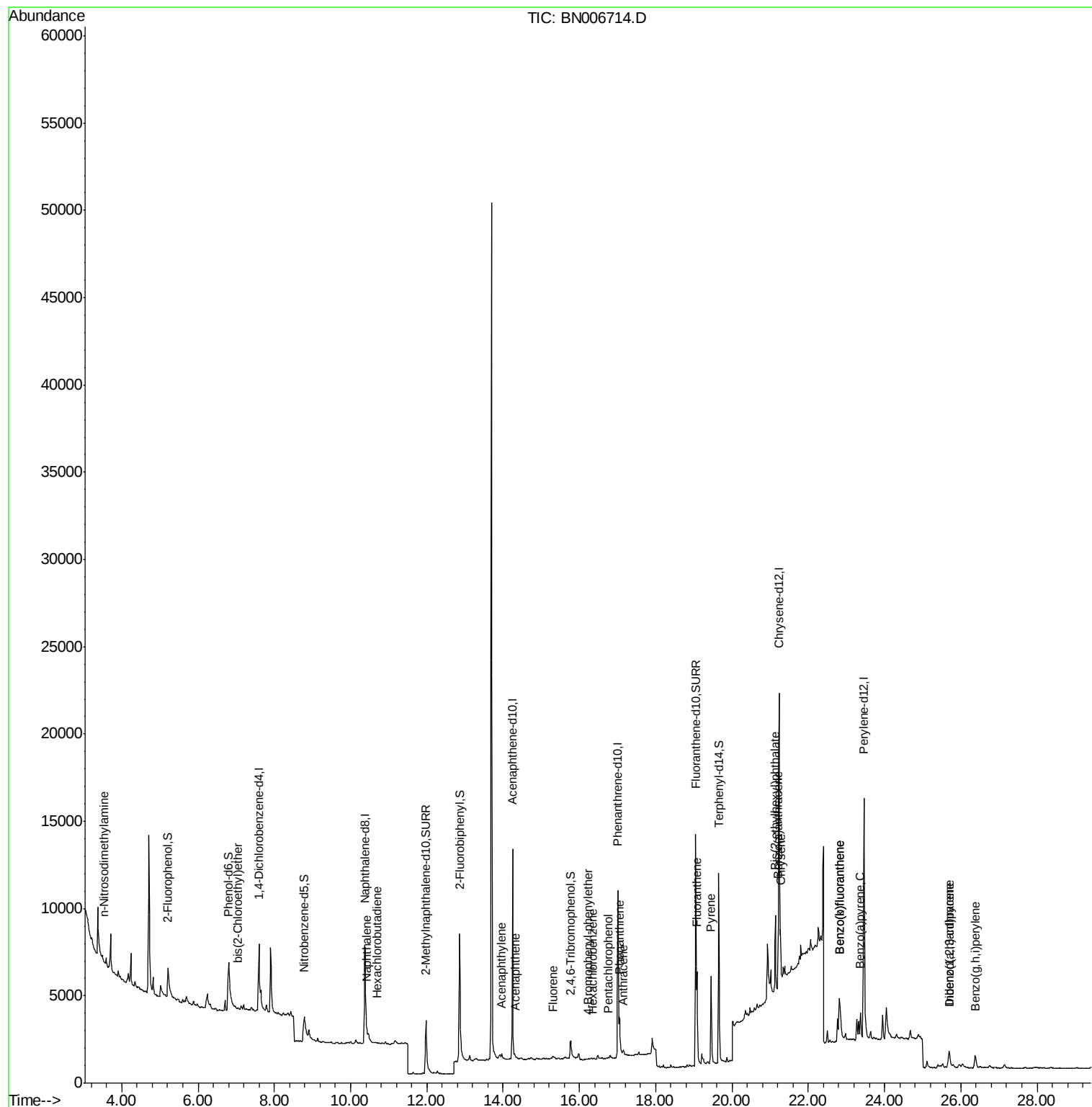
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.55	42	9	0.002	ng	# 19
6) bis(2-Chloroethyl)ether	7.04	93	17	0.002	ng	# 22
9) Naphthalene	10.42	128	161	0.005	ng	# 1
10) Hexachlorobutadiene	10.69	225	4	0.001	ng	# 18
12) 2-Methylnaphthalene	12.05	142	103	Below Cal		# 46
16) Acenaphthylene	13.96	152	487	0.013	ng	# 90
17) Acenaphthene	14.31	154	106	0.005	ng	# 84
18) Fluorene	15.31	166	132	0.005	ng	# 83
20) 4-Bromophenyl-phenylether	16.23	248	4	0.000	ng	# 23
21) Hexachlorobenzene	16.35	284	11	0.001	ng	# 43
22) Pentachlorophenol	16.75	266	17	0.121	ng	# 79
23) Phenanthrene	17.06	178	2497	0.051	ng	# 98
24) Anthracene	17.15	178	480	0.011	ng	# 93
26) Fluoranthene	19.09	202	4899	0.085	ng	# 97
28) Pyrene	19.45	202	5057	0.076	ng	# 97
30) Benzo(a)anthracene	21.22	228	2717	0.047	ng	# 83
31) Chrysene	21.27	228	2585	0.043	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.14	149	4092	0.024	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.70	276	1503	0.021	ng	# 94
35) Benzo(b)fluoranthene	22.81	252	4572	0.073	ng	# 21
36) Benzo(k)fluoranthene	22.81	252	4572	0.067	ng	# 21
37) Benzo(a)pyrene	23.37	252	2112	0.035	ng	# 39
38) Dibenzo(a,h)anthracene	25.69	278	418	0.007	ng	# 1
39) Benzo(g,h,i)perylene	26.38	276	1610	0.026	ng	# 60

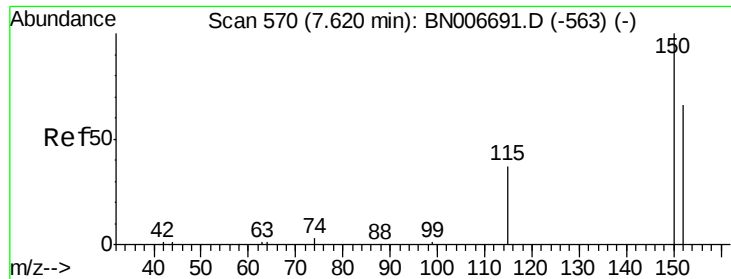
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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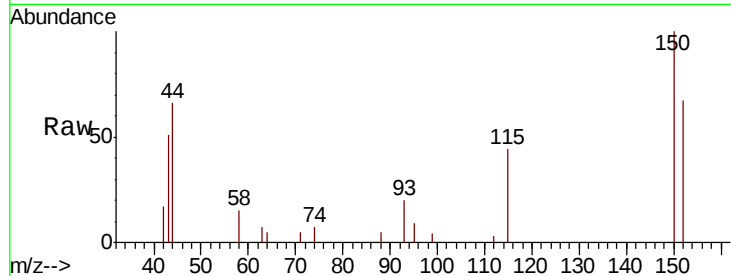


#1

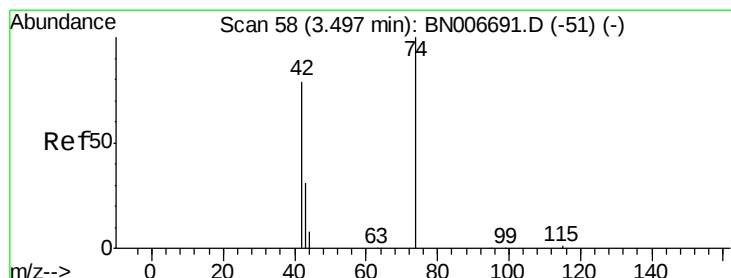
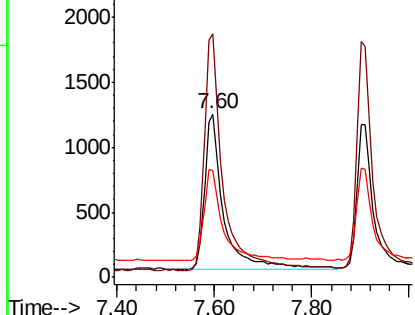
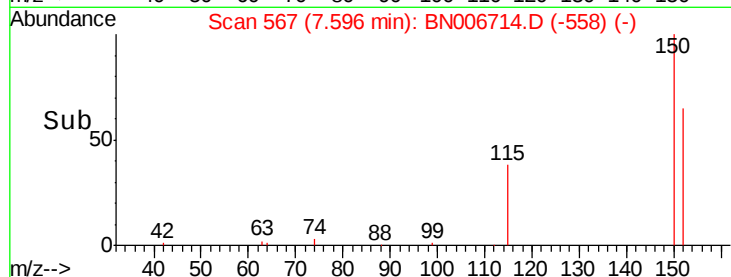
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 567
Delta R.T. -0.02 min
Lab File: BN006714.D
Acq: 05 Jul 2019 14:15

Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419

Tgt Ion: 152 Resp: 3175
Ion Ratio Lower Upper
152 100
150 149.0 120.6 181.0
115 65.7 51.0 76.6



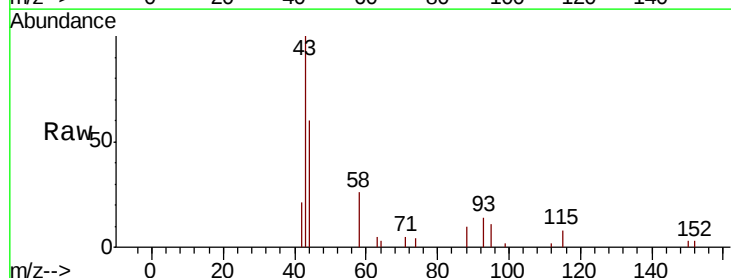
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



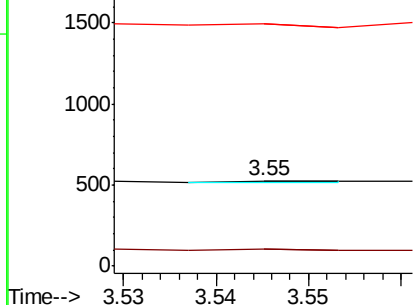
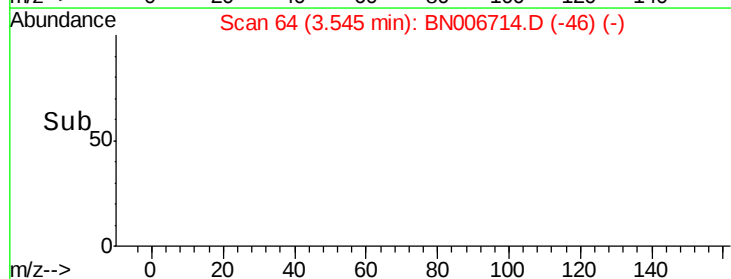
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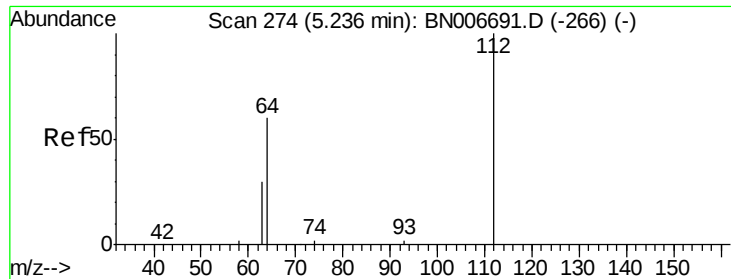
n-Nitrosodimethylamine
Concen: 0.002 ng
RT: 3.55 min Scan# 64
Delta R.T. 0.05 min
Lab File: BN006714.D
Acq: 05 Jul 2019 14:15

Tgt Ion: 42 Resp: 9
Ion Ratio Lower Upper
42 100
74 33.3 106.6 160.0#
44 0.0 8.0 12.0#



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





#4

2-Fluorophenol

Concen: 0.367 ng

RT: 5.21 min Scan# 271

Delta R.T. -0.02 min

Lab File: BN006714.D

Acq: 05 Jul 2019 14:15

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419

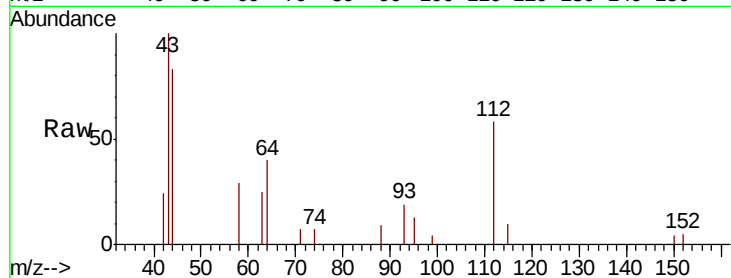
Tgt Ion: 112 Resp: 3168

Ion Ratio Lower Upper

112 100

64 65.1 49.8 74.6

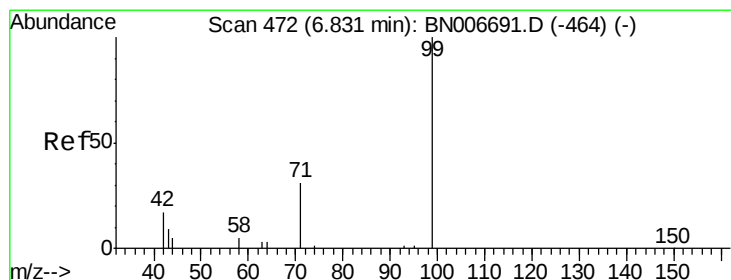
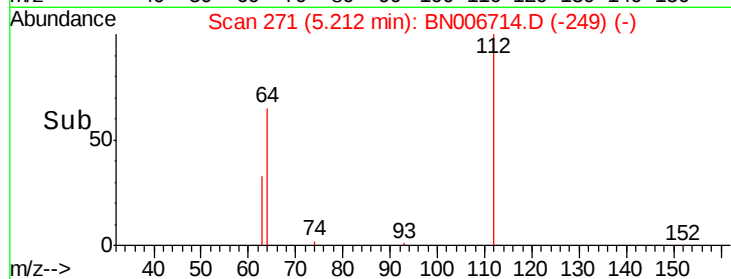
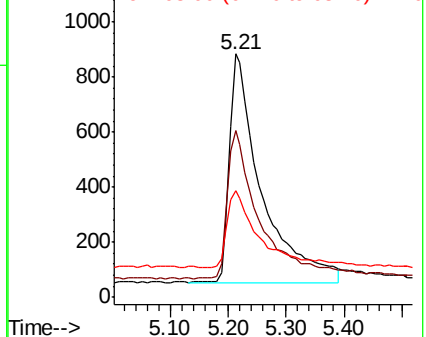
63 34.3 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.412 ng

RT: 6.79 min Scan# 467

Delta R.T. -0.04 min

Lab File: BN006714.D

Acq: 05 Jul 2019 14:15

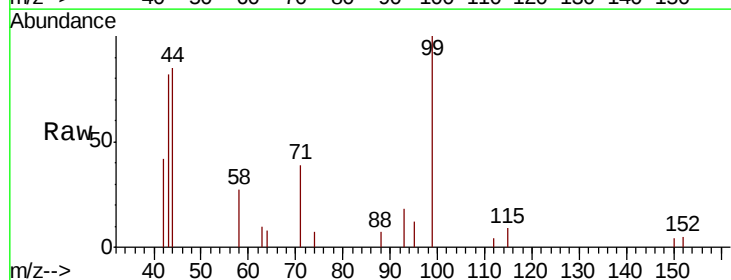
Tgt Ion: 99 Resp: 4497

Ion Ratio Lower Upper

99 100

42 27.4 16.6 25.0#

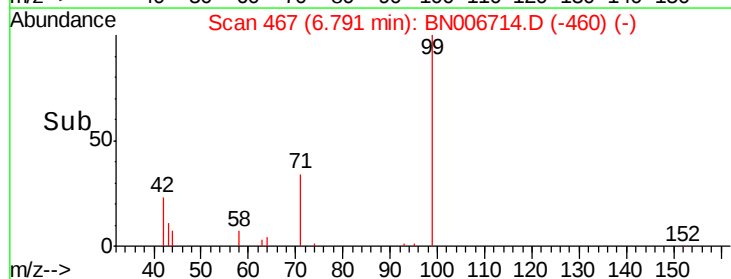
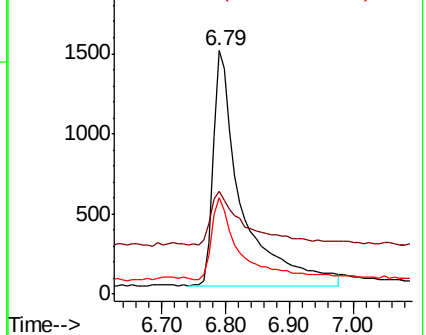
71 33.8 26.0 39.0

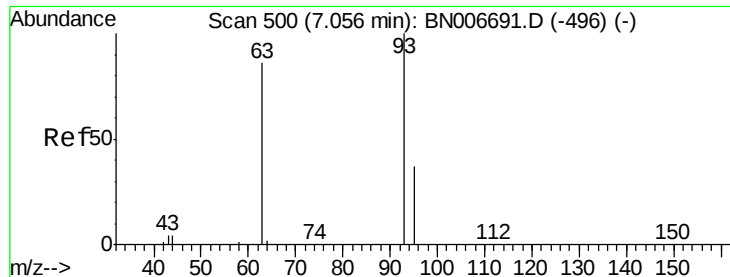


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.002 ng

RT: 7.04 min Scan# 498

Delta R.T. -0.02 min

Lab File: BN006714.D

Acq: 05 Jul 2019 14:15

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419

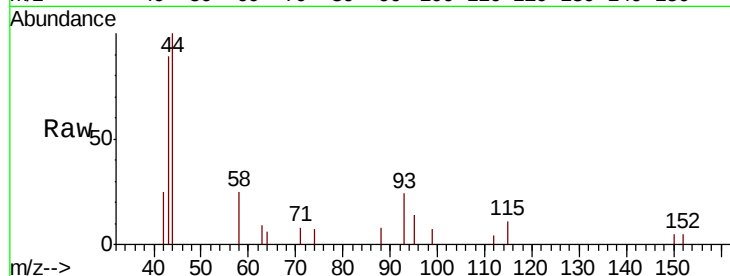
Tgt Ion: 93 Resp: 17

Ion Ratio Lower Upper

93 100

63 0.0 58.6 87.8#

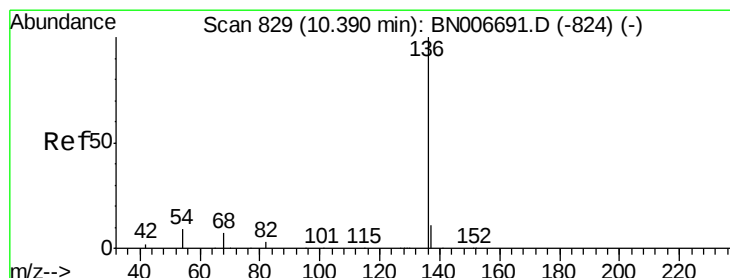
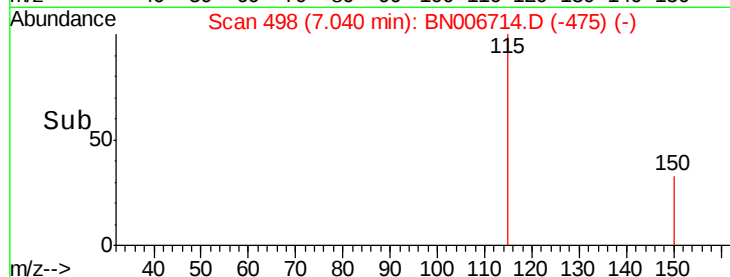
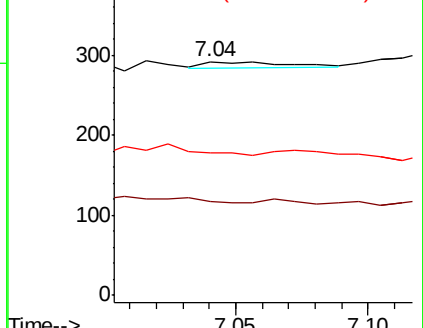
95 0.0 28.3 42.5#



Abundance Ion 93.00 (92.70 to 93.70): BN006691.D (-496) (-)

Ion 63.00 (62.70 to 63.70): BN006691.D (-496) (-)

Ion 95.00 (94.70 to 95.70): BN006691.D (-496) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN006714.D

Acq: 05 Jul 2019 14:15

Tgt Ion: 136 Resp: 11840

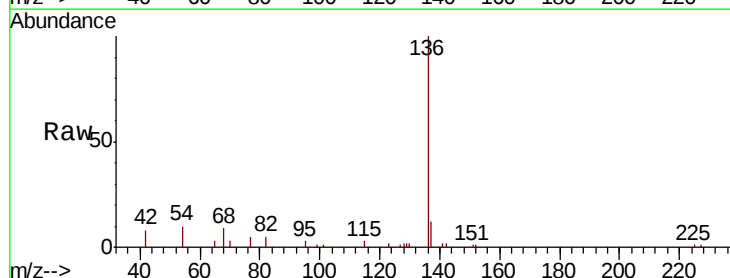
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 9.6 8.4 12.6

68 8.7 6.8 10.2

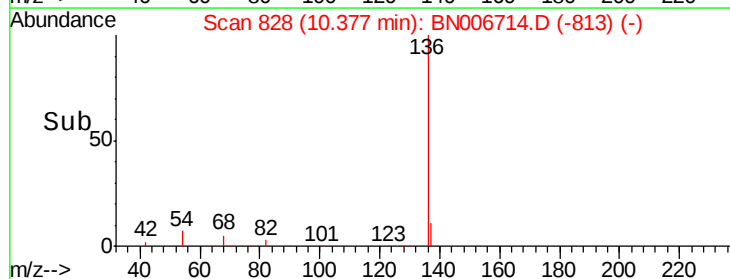
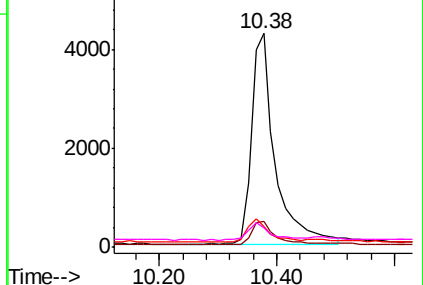


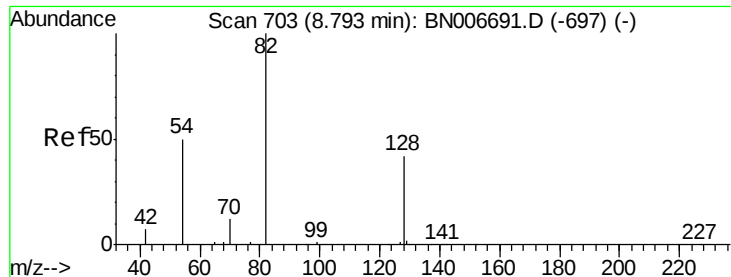
Abundance Ion 136.00 (135.70 to 136.70): BN006691.D (-824) (-)

Ion 137.00 (136.70 to 137.70): BN006691.D (-824) (-)

Ion 54.00 (53.70 to 54.70): BN006691.D (-824) (-)

Ion 68.00 (67.70 to 68.70): BN006691.D (-824) (-)

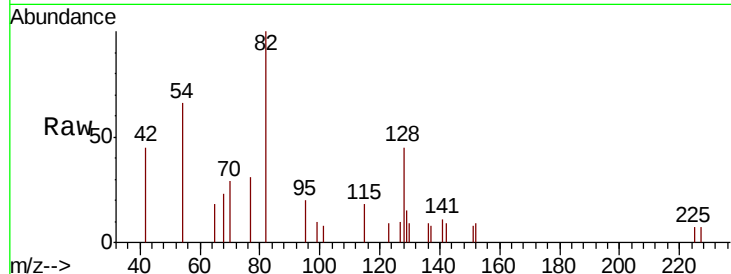




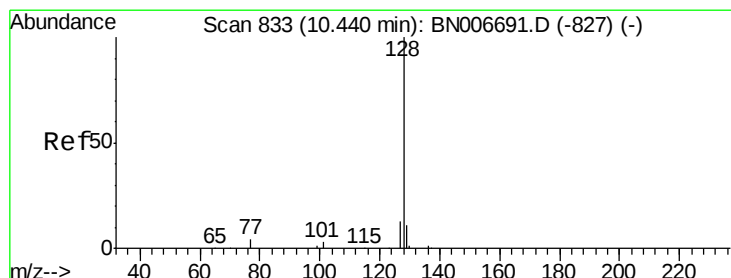
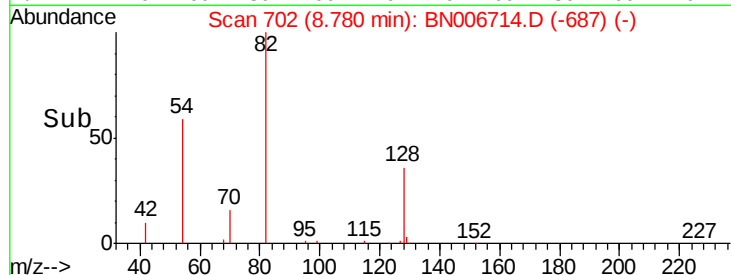
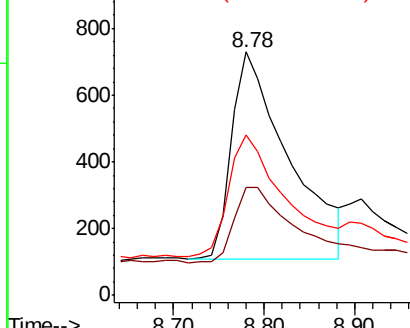
#8
 Nitrobenzene-d5
 Concen: 0.299 ng
 RT: 8.78 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BN006714.D
 Acq: 05 Jul 2019 14:15

Instrument :
 BNA_N
 ClientSampleId :
 PST-009-B218-062419

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	66.0	44.5	66.7

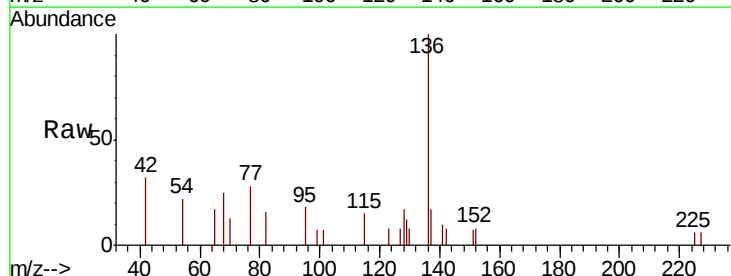


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

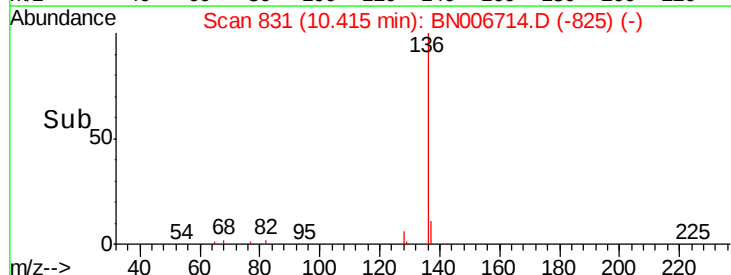
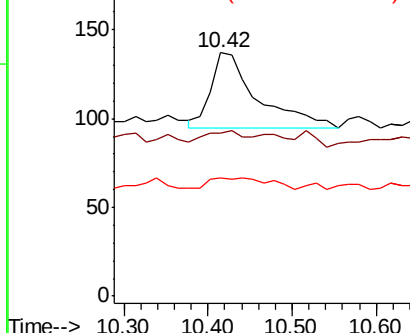


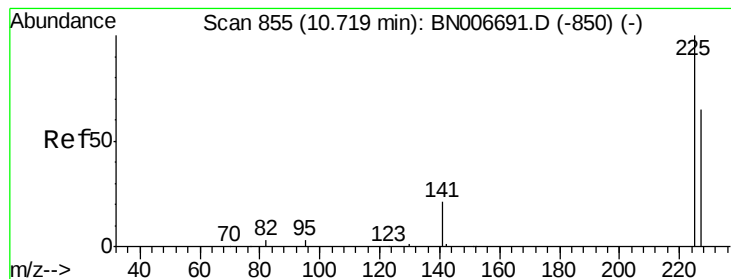
#9
 Naphthalene
 Concen: 0.005 ng
 RT: 10.42 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BN006714.D
 Acq: 05 Jul 2019 14:15

Tgt Ion	Ratio	Lower	Upper
128	100		
129	67.2	9.6	14.4#
127	48.9	11.0	16.4#



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: 0.001 ng

RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006714.D

Acq: 05 Jul 2019 14:15

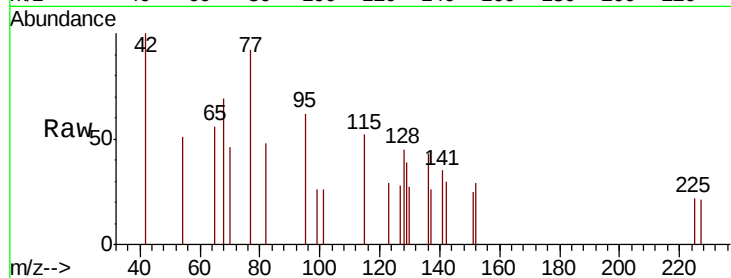
Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419

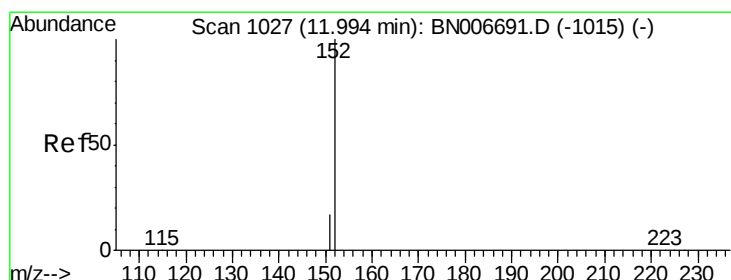
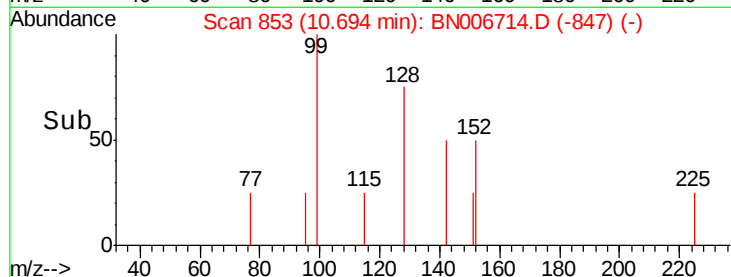
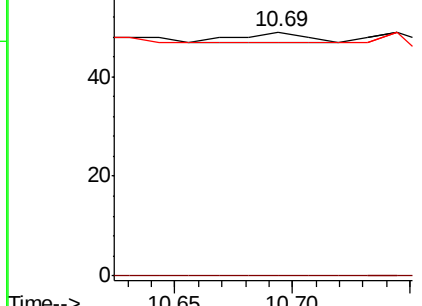
Tgt Ion:	225	Resp:	4
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	0.0	50.9	76.3#



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: 0.379 ng

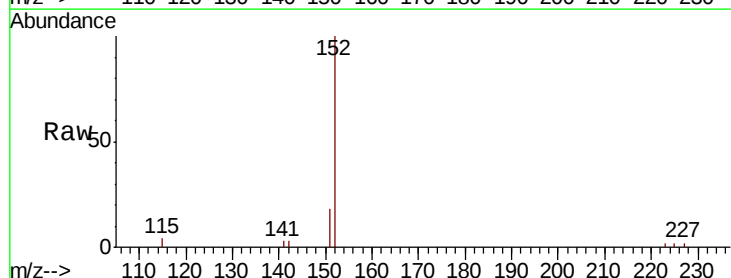
RT: 11.97 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BN006714.D

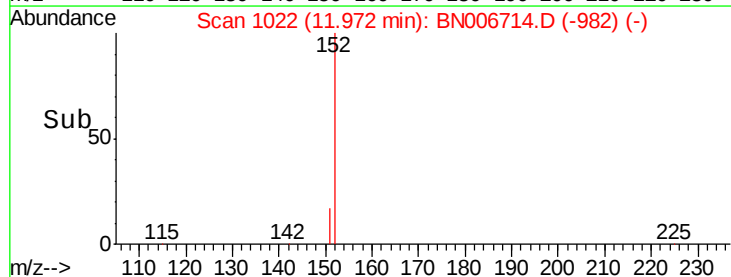
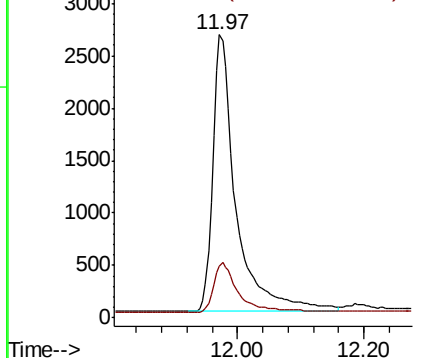
Acq: 05 Jul 2019 14:15

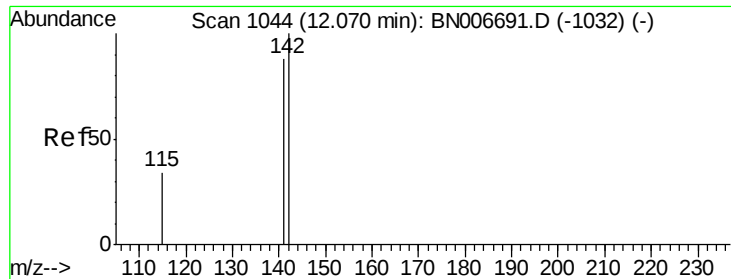
Tgt Ion:	152	Resp:	6743
Ion	Ratio	Lower	Upper
152	100		
151	19.3	14.9	22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

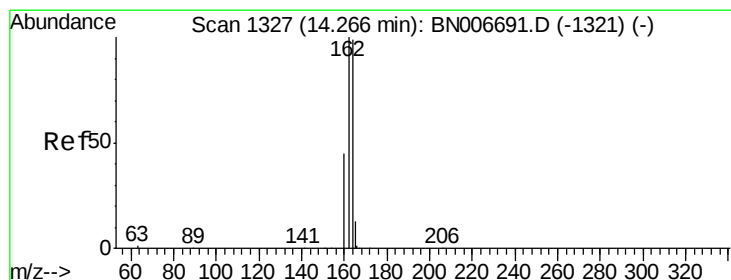
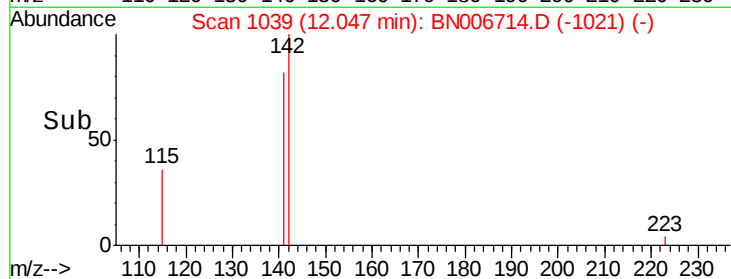
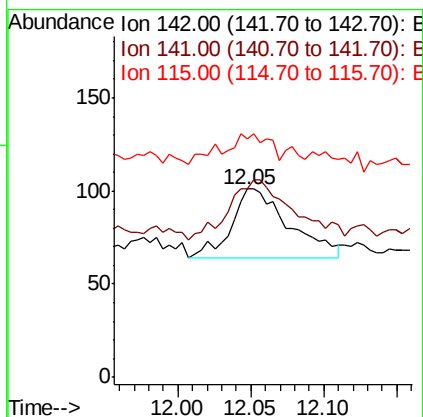
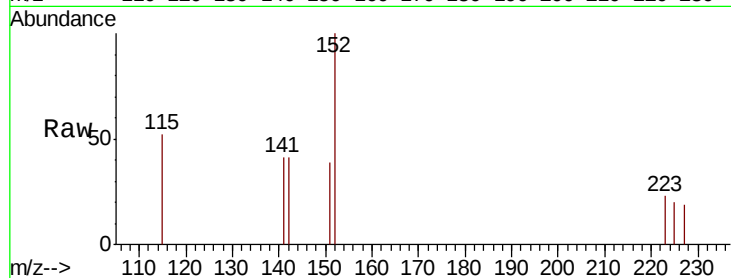




#12
2-Methylnaphthalene
Concen: Below Cal
RT: 12.05 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BN006714.D
Acq: 05 Jul 2019 14:15

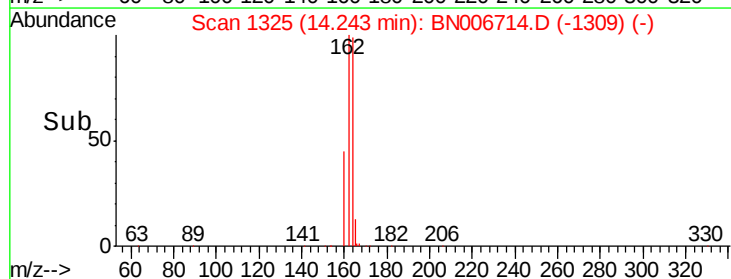
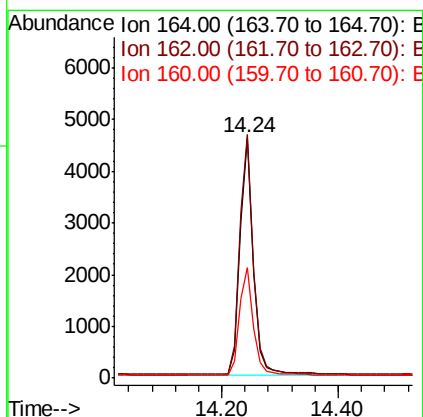
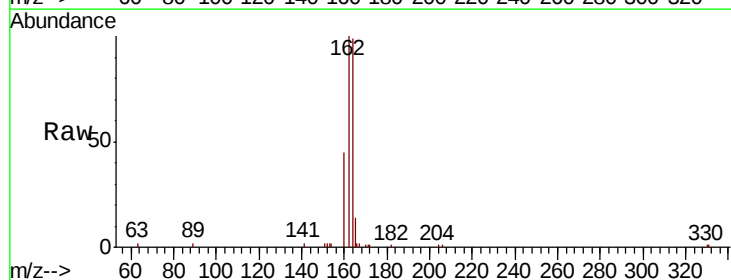
Instrument :
BNA_N
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PST-009-B218-062419

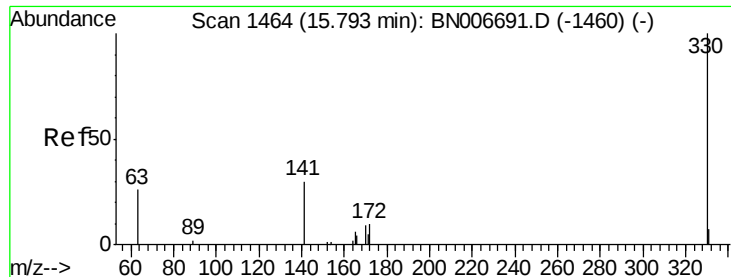
Tgt Ion:142 Resp: 103
Ion Ratio Lower Upper
142 100
141 100.0 70.3 105.5
115 126.7 28.9 43.3#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006714.D
Acq: 05 Jul 2019 14:15

Tgt Ion:164 Resp: 7335
Ion Ratio Lower Upper
164 100
162 101.5 80.8 121.2
160 46.2 37.0 55.6

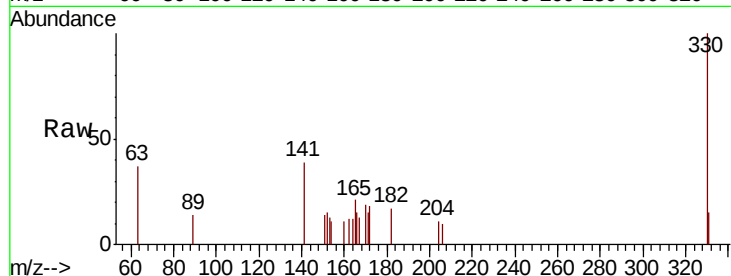




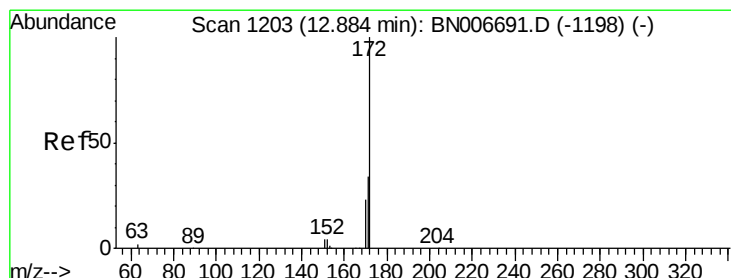
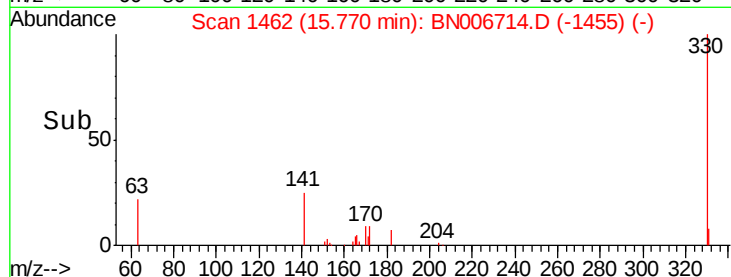
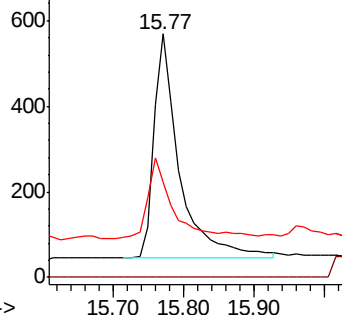
#14
 2,4,6-Tribromophenol
 Concen: 0.371 ng
 RT: 15.77 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BN006714.D
 Acq: 05 Jul 2019 14:15

Instrument :
 BNA_N
 ClientSampleId :
 PST-009-B218-062419

Tgt Ion: 330 Resp: 1337
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 33.1 24.8 37.2

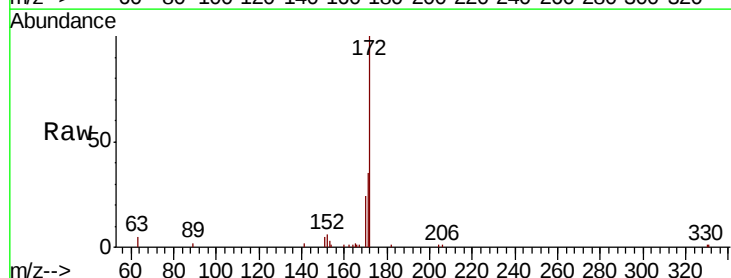


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

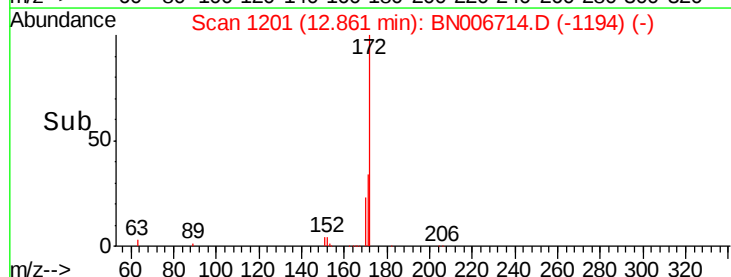
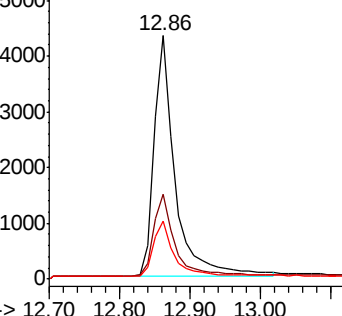


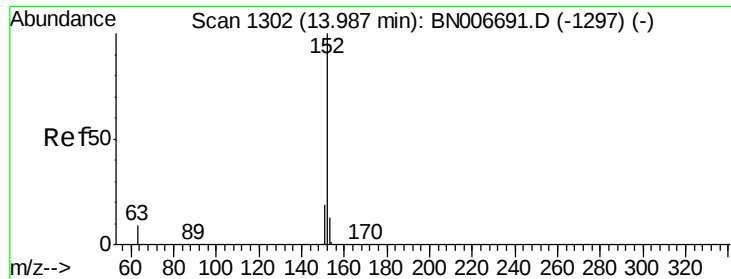
#15
 2-Fluorobiphenyl
 Concen: 0.318 ng
 RT: 12.86 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BN006714.D
 Acq: 05 Jul 2019 14:15

Tgt Ion: 172 Resp: 9131
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.8 41.6
 170 23.8 18.9 28.3



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: 0.013 ng

RT: 13.96 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BN006714.D

Acq: 05 Jul 2019 14:15

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419

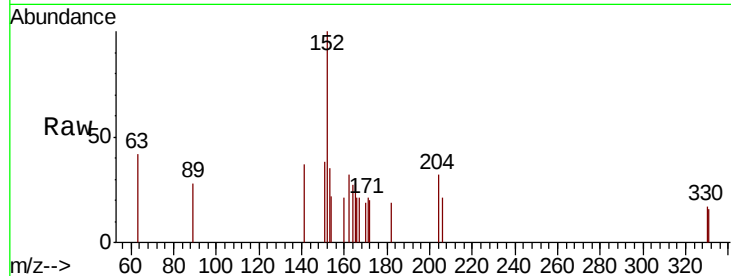
Tgt Ion:152 Resp: 487

Ion Ratio Lower Upper

152 100

151 22.6 15.7 23.5

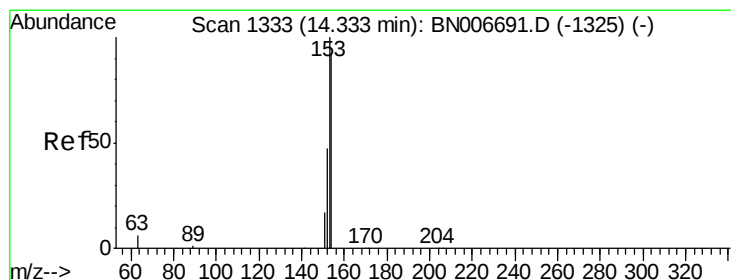
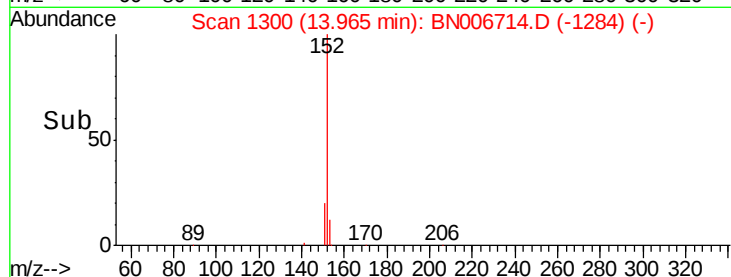
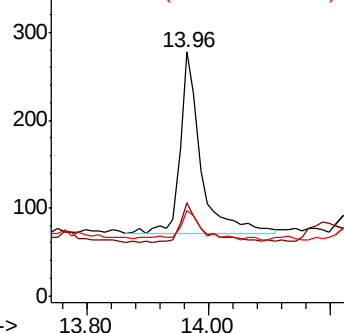
153 19.5 10.6 15.8#



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: 0.005 ng

RT: 14.31 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BN006714.D

Acq: 05 Jul 2019 14:15

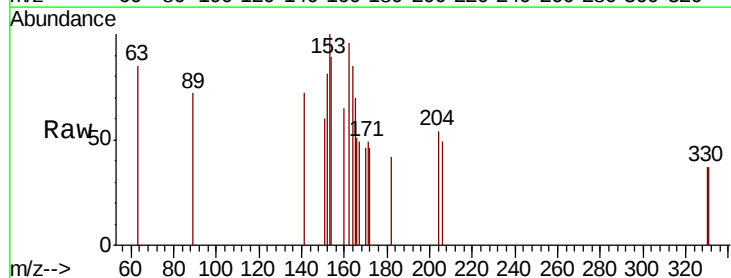
Tgt Ion:154 Resp: 106

Ion Ratio Lower Upper

154 100

153 123.6 88.9 133.3

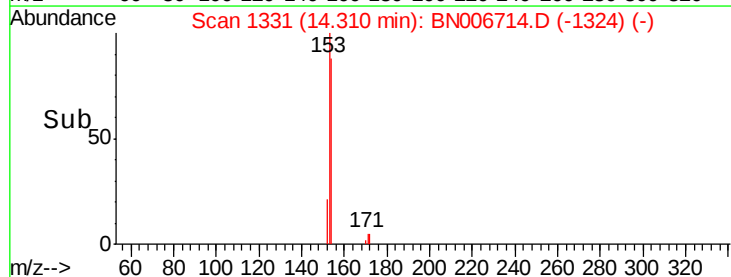
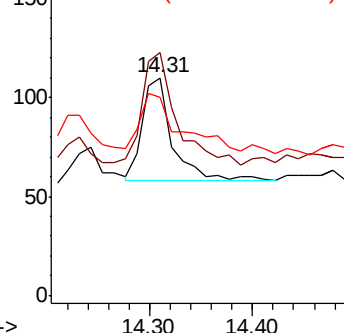
152 71.7 42.8 64.2#

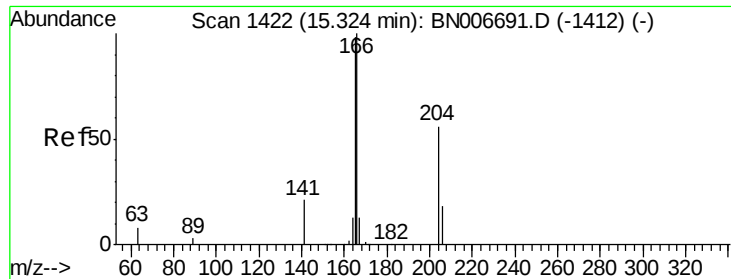


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.005 ng

RT: 15.31 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BN006714.D

Acq: 05 Jul 2019 14:15

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419

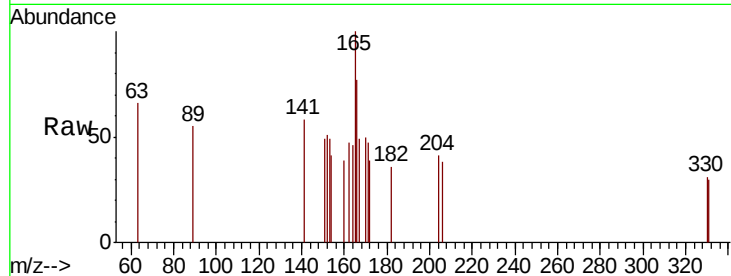
Tgt Ion:166 Resp: 132

Ion Ratio Lower Upper

166 100

165 114.4 78.0 117.0

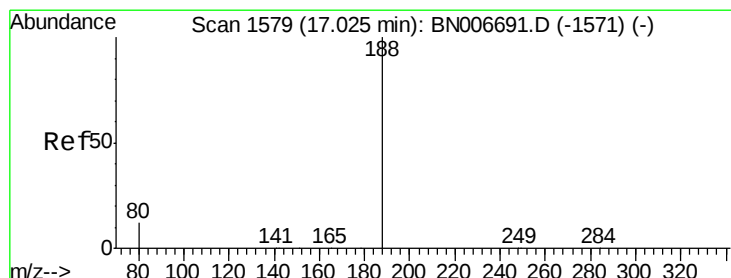
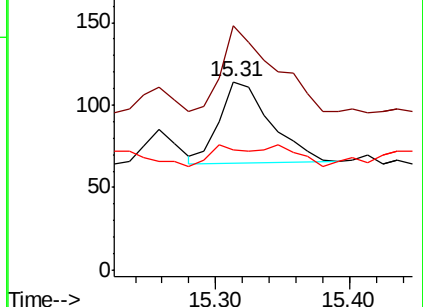
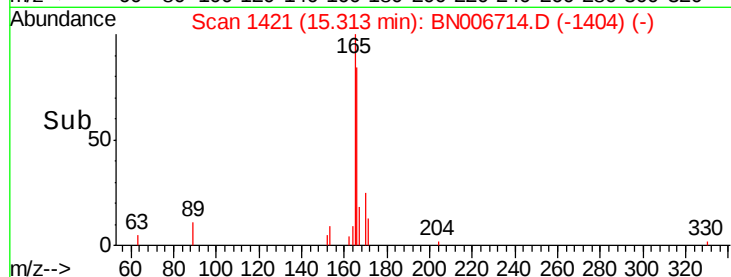
167 18.2 10.7 16.1#



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: 17.00 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BN006714.D

Acq: 05 Jul 2019 14:15

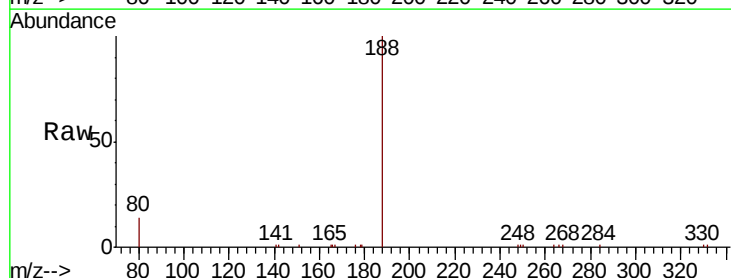
Tgt Ion:188 Resp: 17023

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

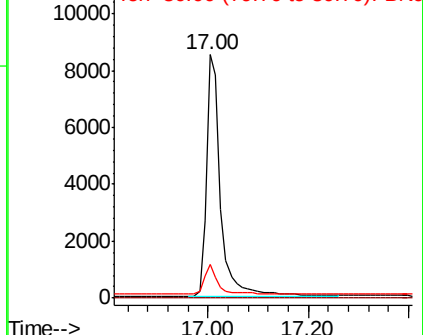
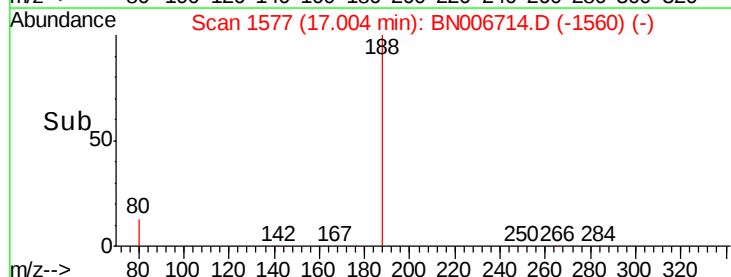
80 14.1 10.3 15.5

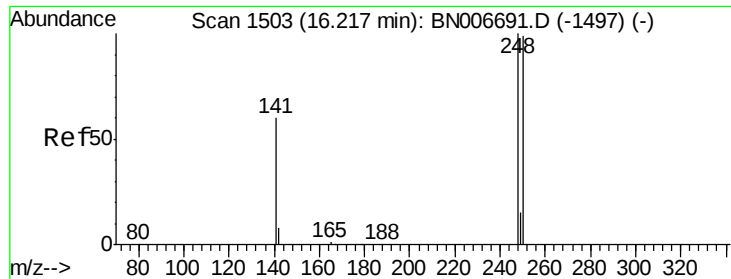


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

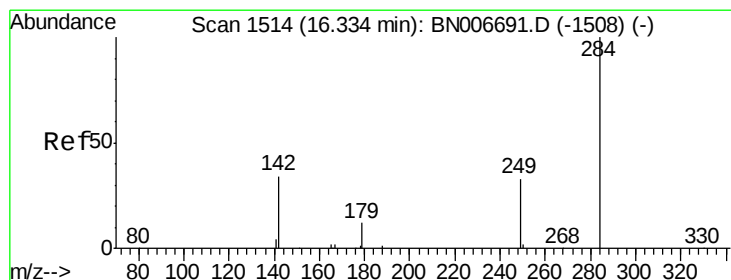
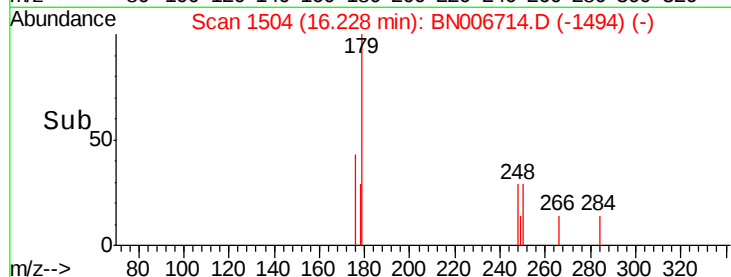
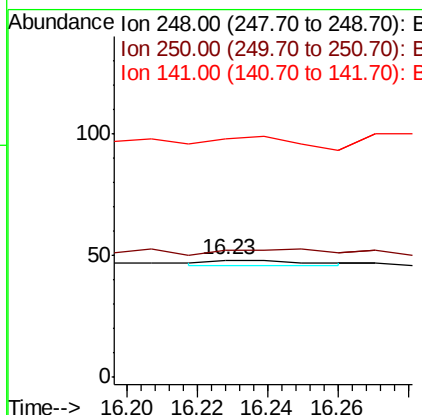
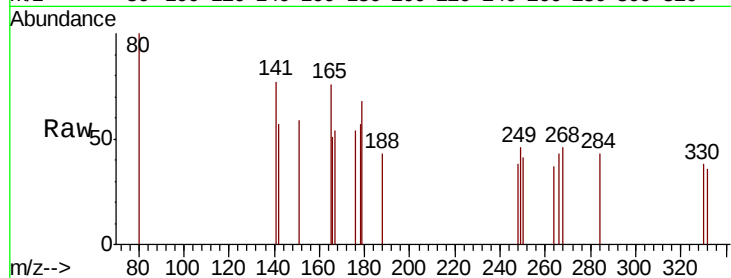




#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.23 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BN006714.D
Acq: 05 Jul 2019 14:15

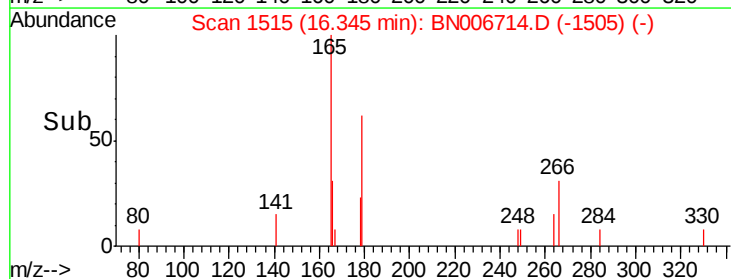
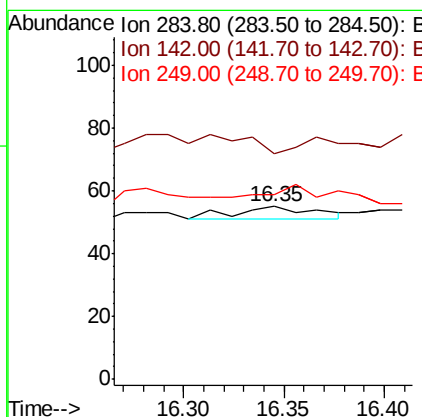
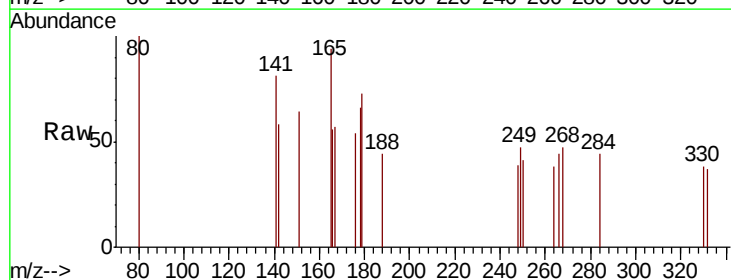
Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419

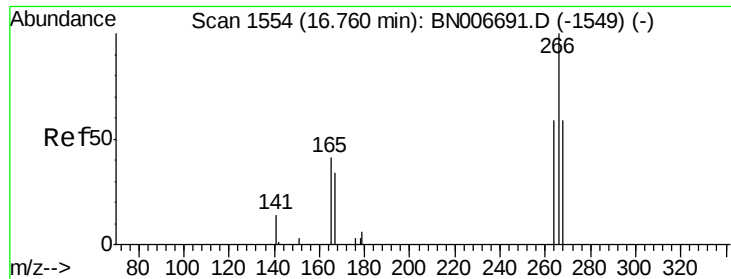
Tgt Ion:248 Resp: 4
Ion Ratio Lower Upper
248 100
250 108.3 79.0 118.6
141 204.2 50.2 75.4#



#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.35 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BN006714.D
Acq: 05 Jul 2019 14:15

Tgt Ion:284 Resp: 11
Ion Ratio Lower Upper
284 100
142 0.0 26.9 40.3#
249 0.0 24.4 36.6#

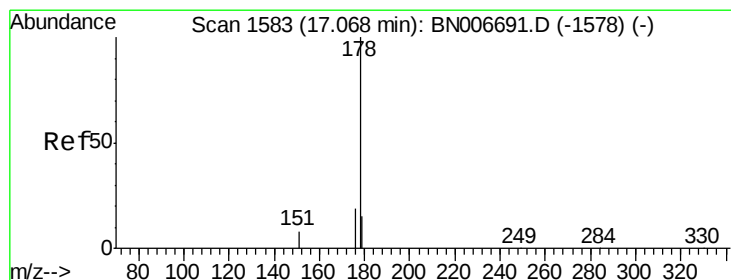
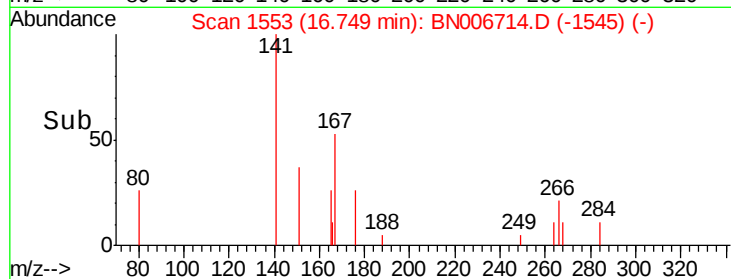
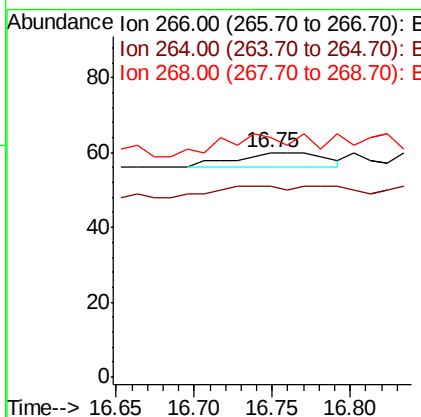
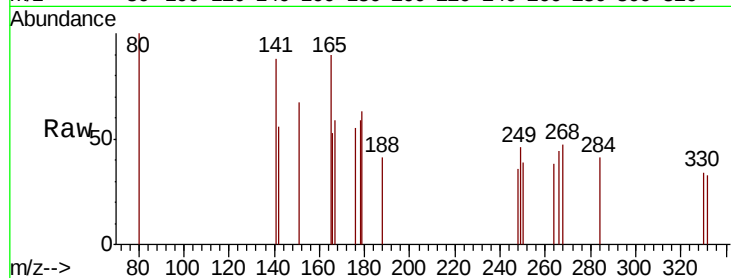




#22
 Pentachlorophenol
 Concen: 0.121 ng
 RT: 16.75 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BN006714.D
 Acq: 05 Jul 2019 14:15

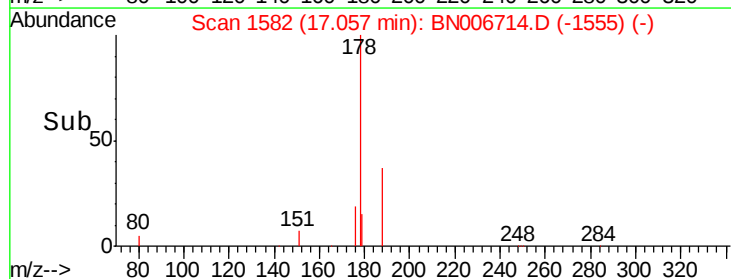
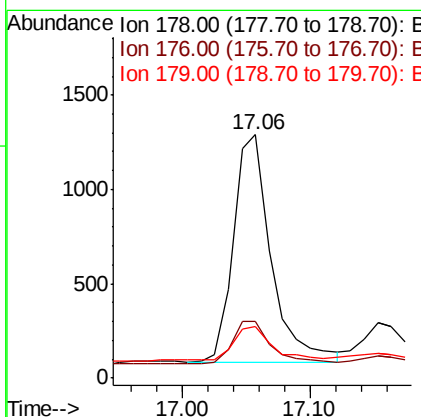
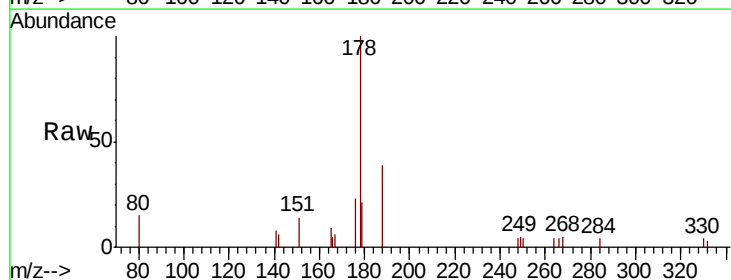
Instrument :
 BNA_N
 ClientSampleId :
 PST-009-B218-062419

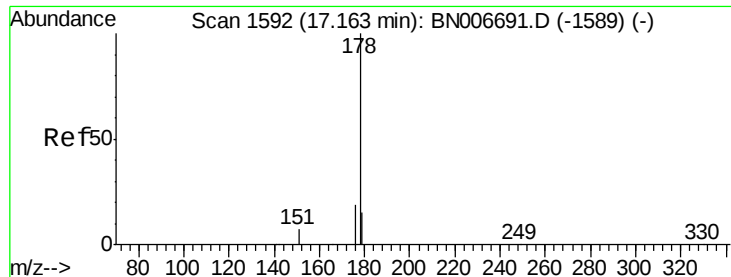
Tgt Ion: 266 Resp: 17
 Ion Ratio Lower Upper
 266 100
 264 85.0 57.6 86.4
 268 106.7 66.6 99.8#



#23
 Phenanthrene
 Concen: 0.051 ng
 RT: 17.06 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BN006714.D
 Acq: 05 Jul 2019 14:15

Tgt Ion: 178 Resp: 2497
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.3 22.9
 179 16.9 12.4 18.6

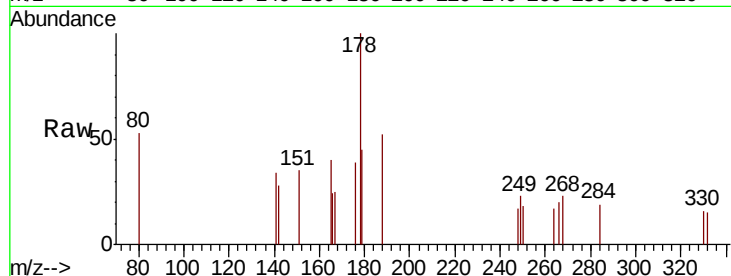




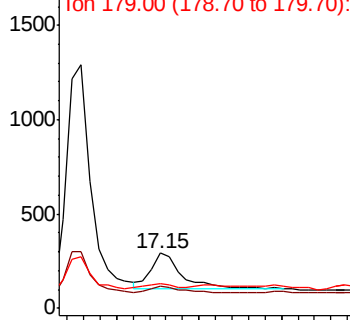
#24
 Anthracene
 Concen: 0.011 ng
 RT: 17.15 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BN006714.D
 Acq: 05 Jul 2019 14:15

Instrument :
 BNA_N
 ClientSampleId :
 PST-009-B218-062419

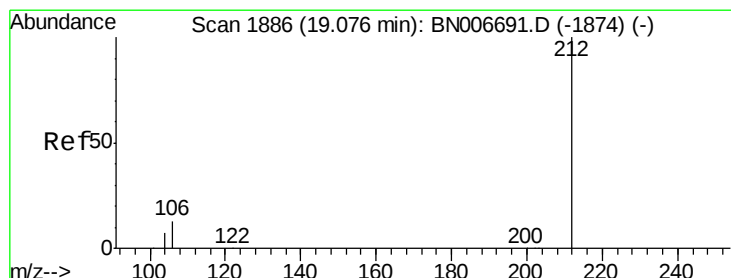
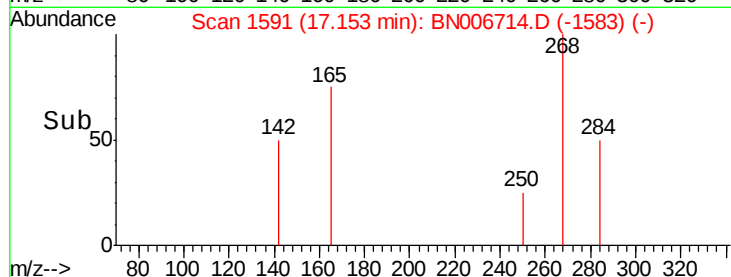
Tgt Ion:178 Resp: 480
 Ion Ratio Lower Upper
 178 100
 176 14.6 14.8 22.2#
 179 13.3 11.9 17.9



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

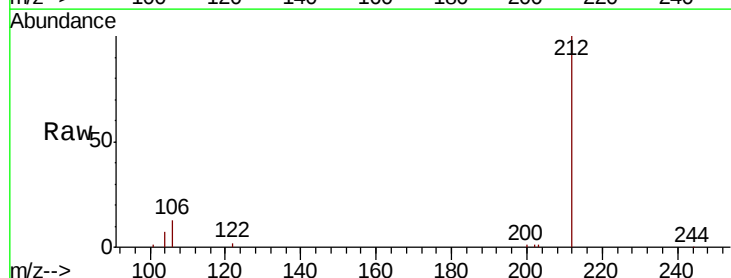


Time-->

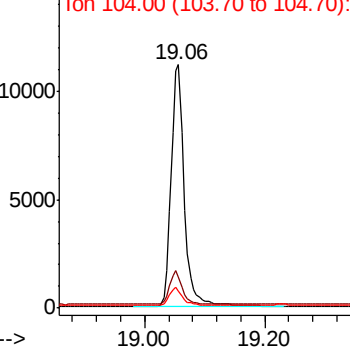


#25
 Fluoranthene-d10
 Concen: 0.351 ng
 RT: 19.06 min Scan# 1882
 Delta R.T. -0.02 min
 Lab File: BN006714.D
 Acq: 05 Jul 2019 14:15

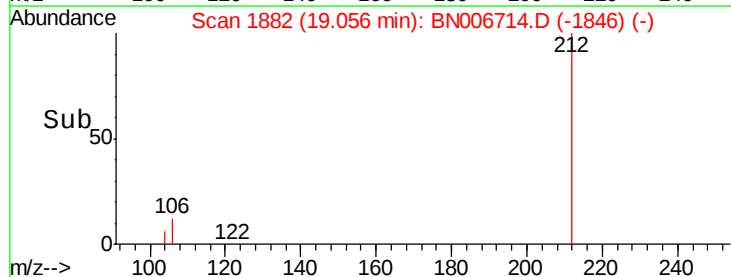
Tgt Ion:212 Resp: 17118
 Ion Ratio Lower Upper
 212 100
 106 13.6 11.0 16.6
 104 7.5 6.1 9.1

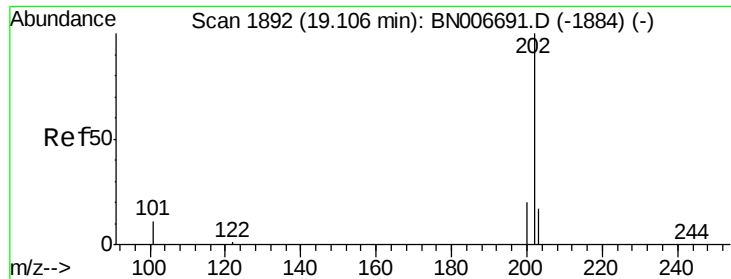


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E



Time-->

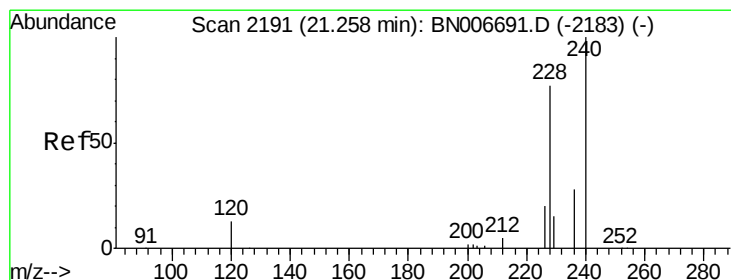
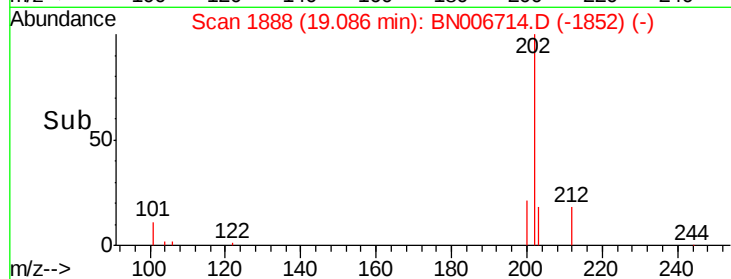
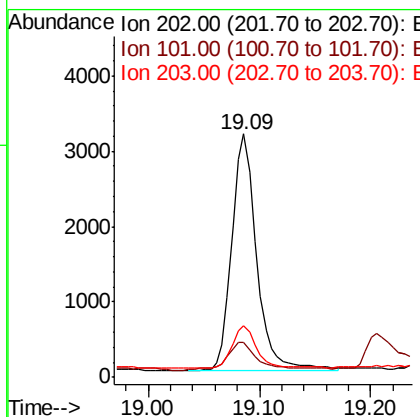
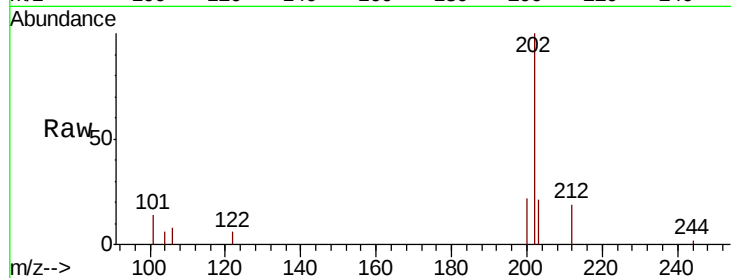




#26
Fluoranthene
Concen: 0.085 ng
RT: 19.09 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BN006714.D
Acq: 05 Jul 2019 14:15

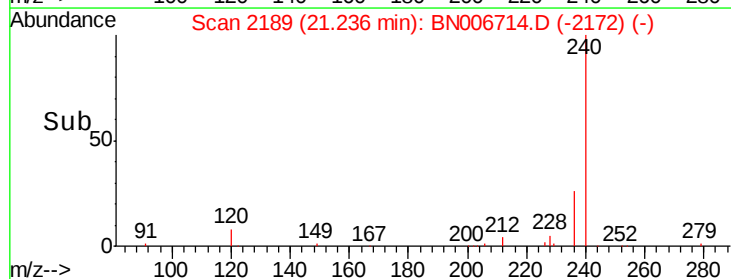
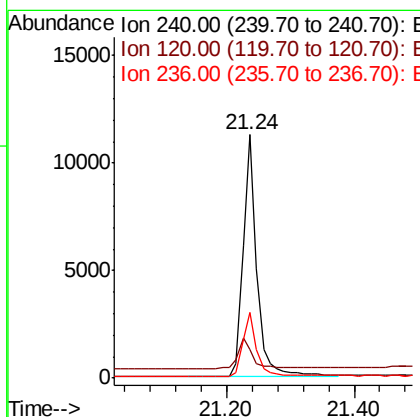
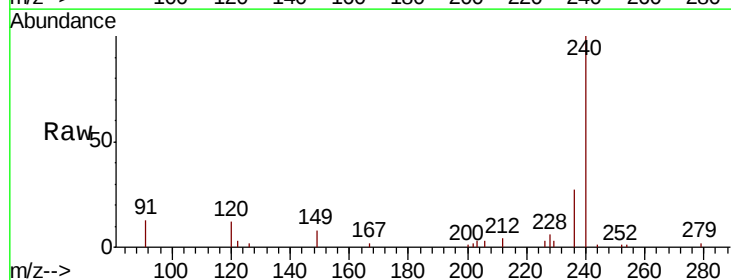
Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419

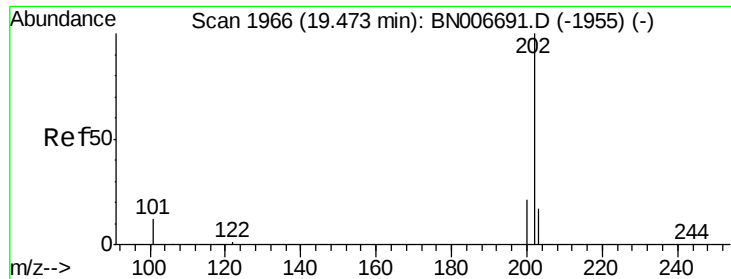
Tgt Ion: 202 Resp: 4899
Ion Ratio Lower Upper
202 100
101 13.5 8.7 13.1#
203 17.6 13.8 20.6



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006714.D
Acq: 05 Jul 2019 14:15

Tgt Ion: 240 Resp: 16733
Ion Ratio Lower Upper
240 100
120 11.9 12.9 19.3#
236 26.8 23.2 34.8

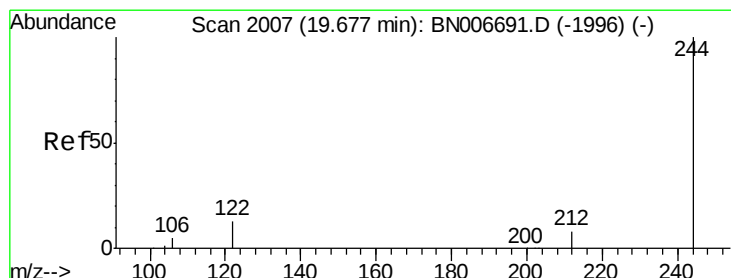
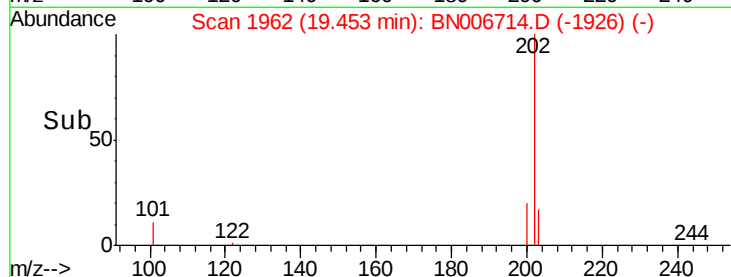
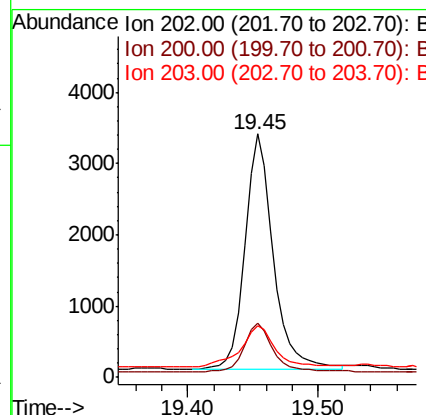
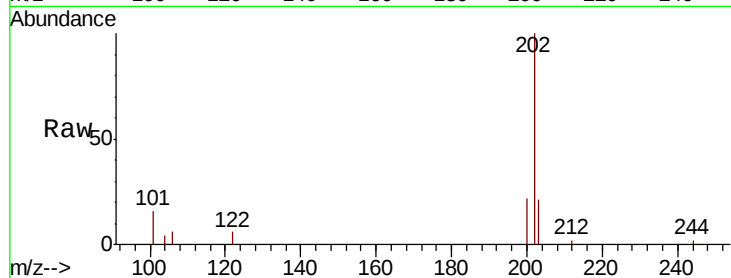




#28
Pyrene
Concen: 0.076 ng
RT: 19.45 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BN006714.D
Acq: 05 Jul 2019 14:15

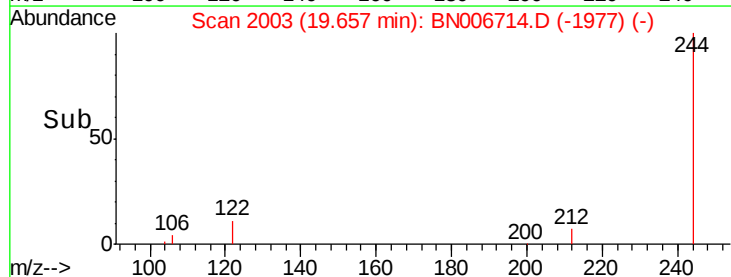
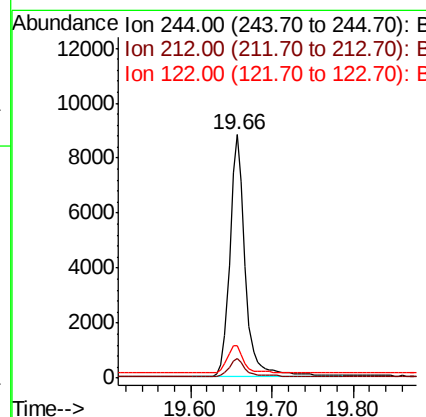
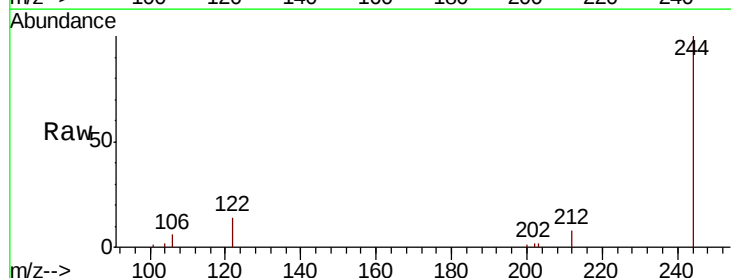
Instrument :
BNA_N
ClientSampleId :
PST-009-B218-062419

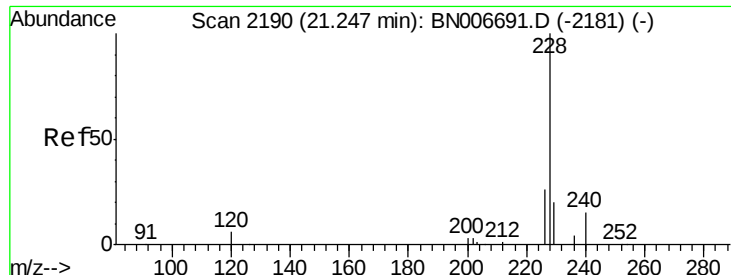
Tgt Ion: 202 Resp: 5057
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 20.7 14.2 21.2



#29
Terphenyl-d14
Concen: 0.303 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BN006714.D
Acq: 05 Jul 2019 14:15

Tgt Ion: 244 Resp: 11656
Ion Ratio Lower Upper
244 100
212 8.0 7.0 10.4
122 13.6 11.5 17.3





#30

Benzo(a)anthracene

Concen: 0.047 ng

RT: 21.22 min Scan# 2187

Delta R.T. -0.03 min

Lab File: BN006714.D

Acq: 05 Jul 2019 14:15

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419

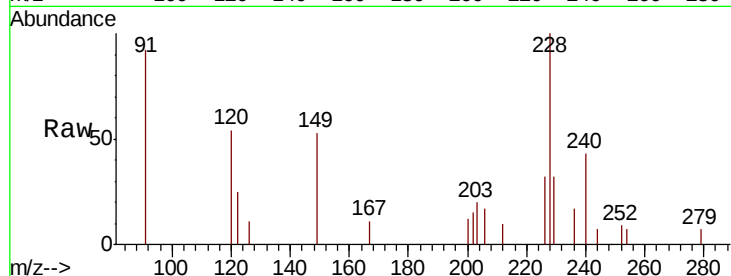
Tgt Ion:228 Resp: 2717

Ion Ratio Lower Upper

228 100

226 32.1 21.5 32.3

229 32.1 16.2 24.4#

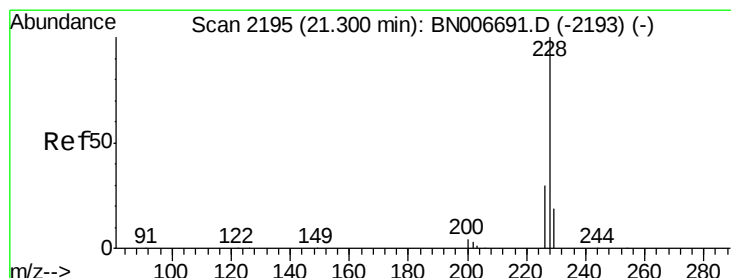
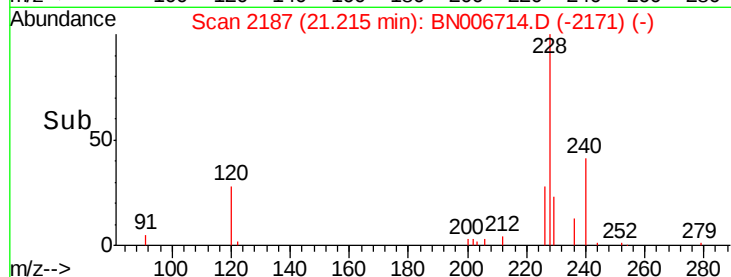
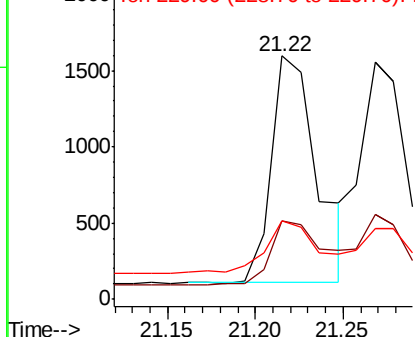


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.043 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BN006714.D

Acq: 05 Jul 2019 14:15

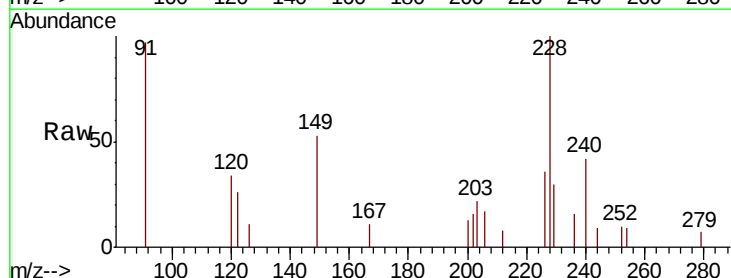
Tgt Ion:228 Resp: 2585

Ion Ratio Lower Upper

228 100

226 35.7 24.2 36.2

229 29.9 15.8 23.6#

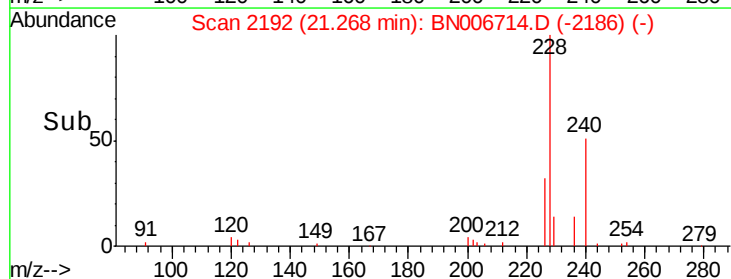
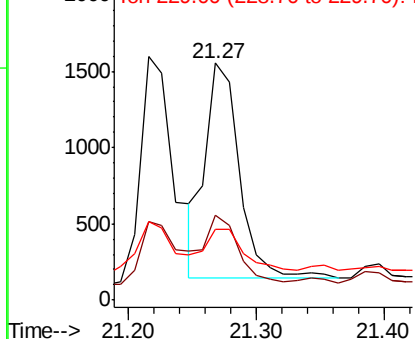


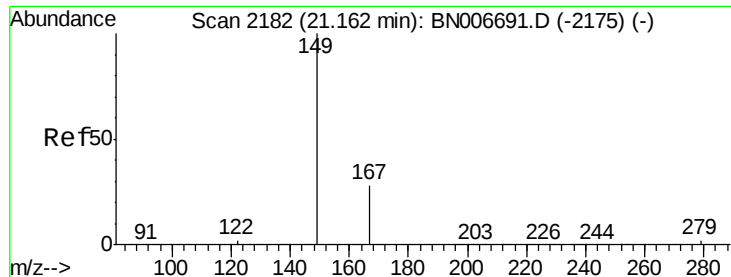
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.024 ng

RT: 21.14 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN006714.D

Acq: 05 Jul 2019 14:15

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419

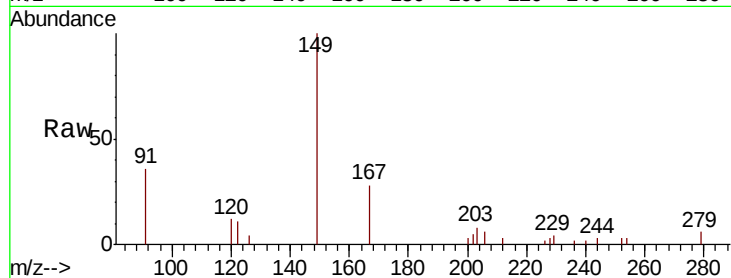
Tgt Ion:149 Resp: 4092

Ion Ratio Lower Upper

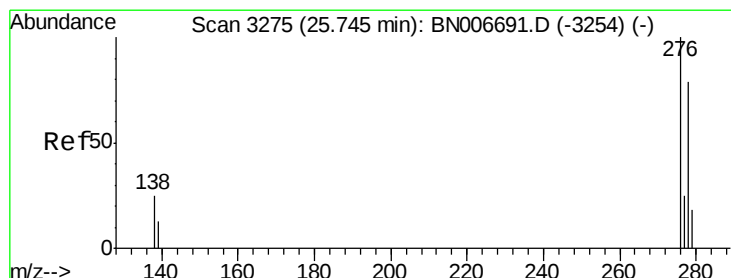
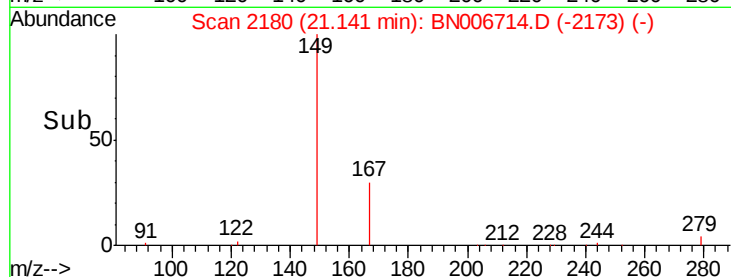
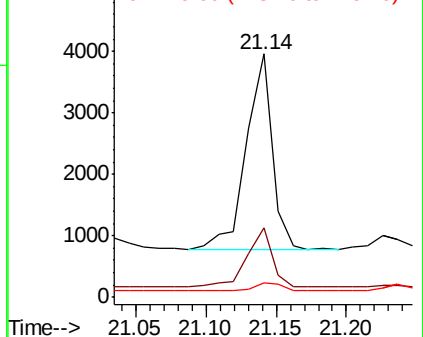
149 100

167 29.0 22.9 34.3

279 5.1 3.2 4.8#



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: 0.021 ng

RT: 25.70 min Scan# 3261

Delta R.T. -0.05 min

Lab File: BN006714.D

Acq: 05 Jul 2019 14:15

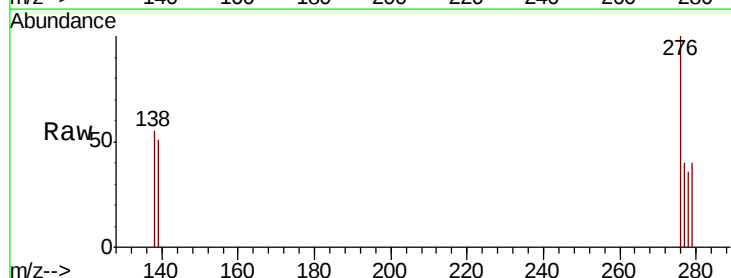
Tgt Ion:276 Resp: 1503

Ion Ratio Lower Upper

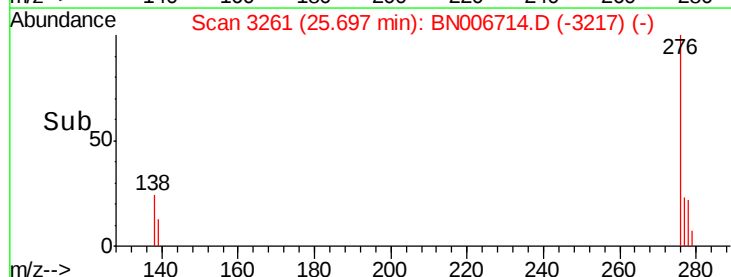
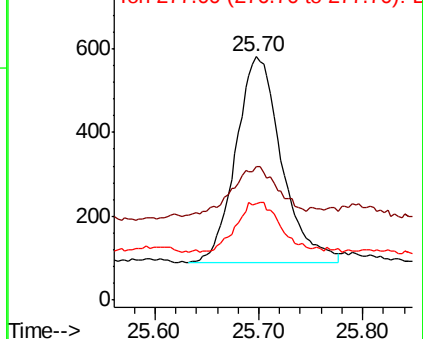
276 100

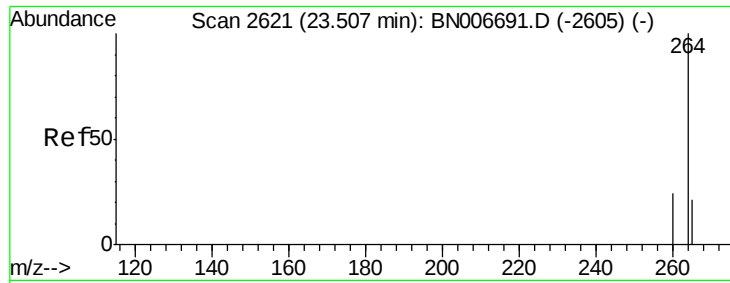
138 28.7 19.5 29.3

277 22.5 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

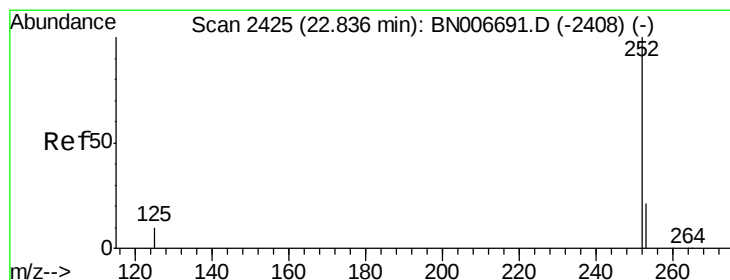
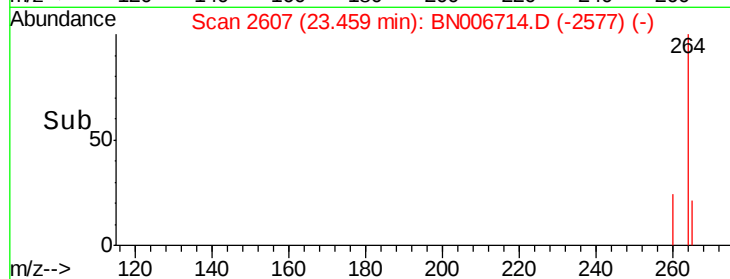
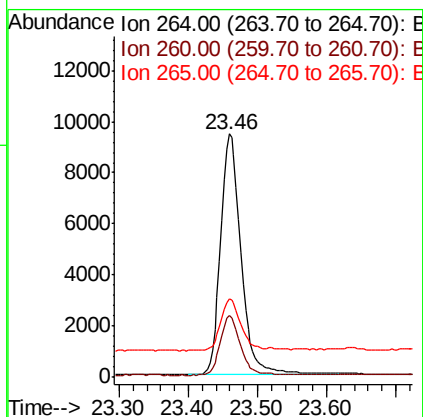
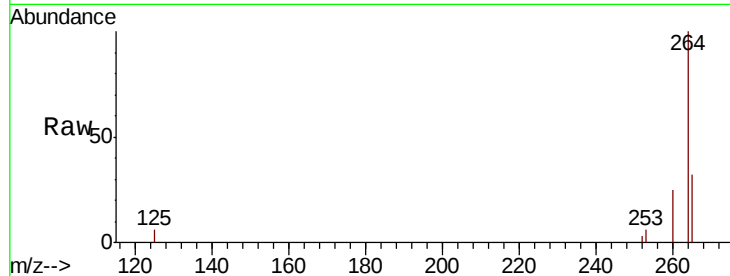




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.46 min Scan# 2607
 Delta R.T. -0.05 min
 Lab File: BN006714.D
 Acq: 05 Jul 2019 14:15

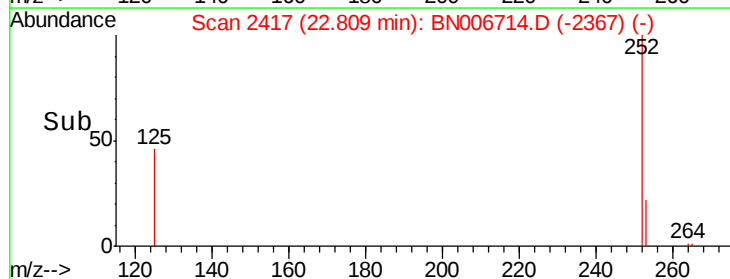
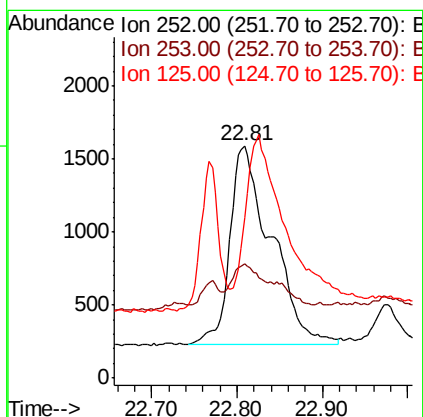
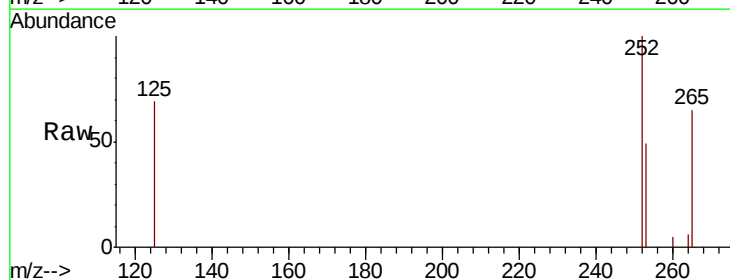
Instrument :
 BNA_N
 ClientSampleId :
 PST-009-B218-062419

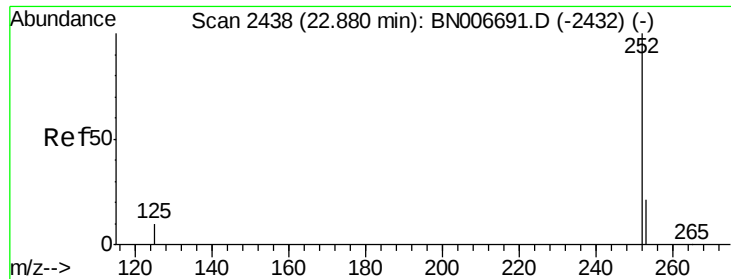
Tgt Ion: 264 Resp: 19472
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.2 30.2
 265 32.0 33.7 50.5#



#35
Benzo(b)fluoranthene
 Concen: 0.073 ng
 RT: 22.81 min Scan# 2417
 Delta R.T. -0.03 min
 Lab File: BN006714.D
 Acq: 05 Jul 2019 14:15

Tgt Ion: 252 Resp: 4572
 Ion Ratio Lower Upper
 252 100
 253 49.0 20.2 30.2#
 125 69.2 11.5 17.3#





#36

Benzo(k)fluoranthene

Concen: 0.067 ng

RT: 22.81 min Scan# 2417

Delta R.T. -0.07 min

Lab File: BN006714.D

Acq: 05 Jul 2019 14:15

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419

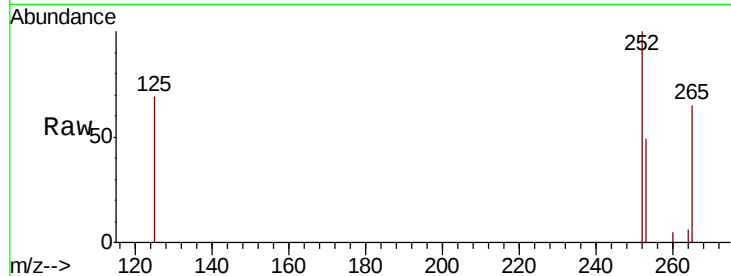
Tgt Ion:252 Resp: 4572

Ion Ratio Lower Upper

252 100

253 49.0 20.1 30.1#

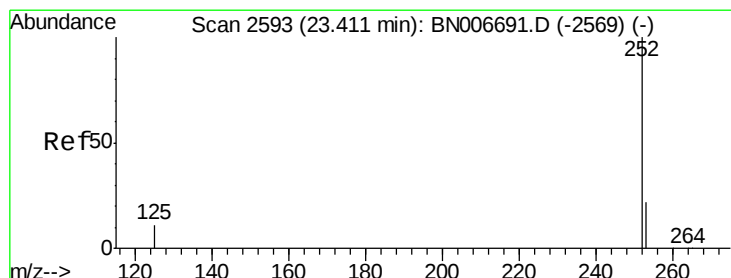
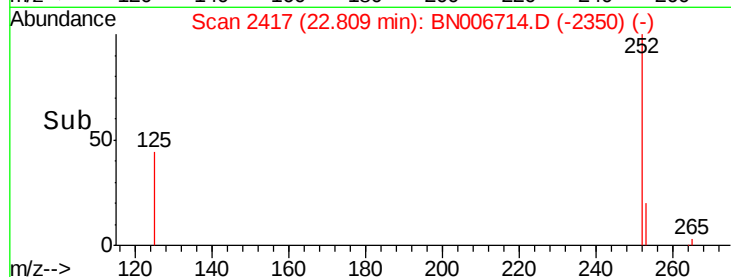
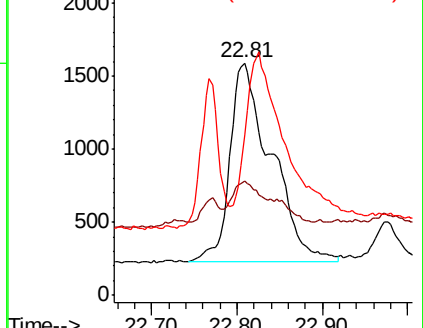
125 69.2 11.4 17.0#



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



#37

Benzo(a)pyrene

Concen: 0.035 ng

RT: 23.37 min Scan# 2581

Delta R.T. -0.04 min

Lab File: BN006714.D

Acq: 05 Jul 2019 14:15

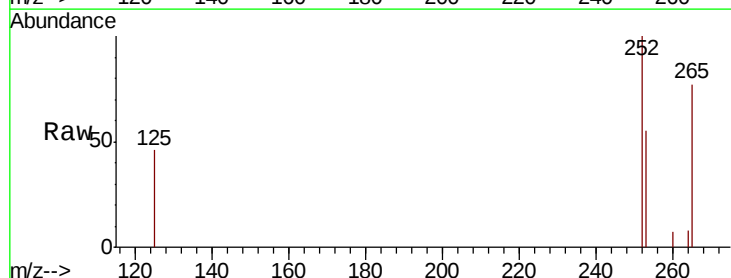
Tgt Ion:252 Resp: 2112

Ion Ratio Lower Upper

252 100

253 55.4 21.4 32.2#

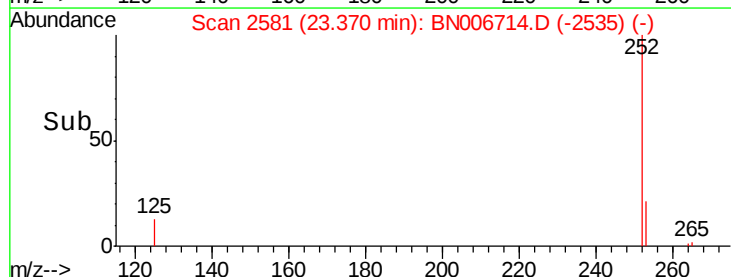
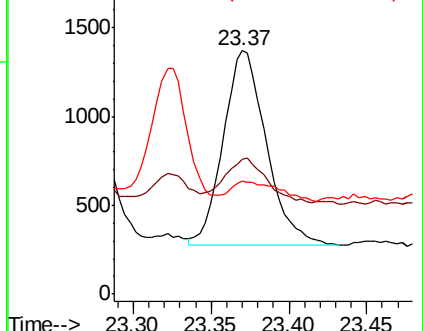
125 46.4 13.3 19.9#

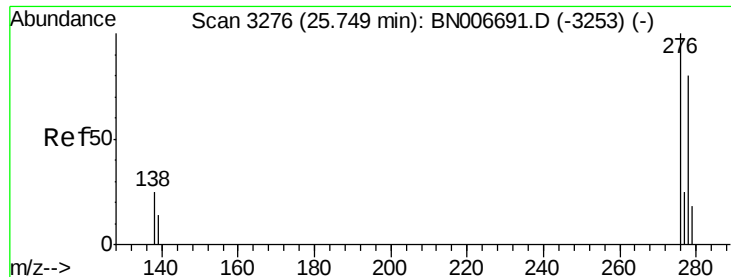


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.007 ng

RT: 25.69 min Scan# 3258

Delta R.T. -0.06 min

Lab File: BN006714.D

Acq: 05 Jul 2019 14:15

Instrument :

BNA_N

ClientSampleId :

PST-009-B218-062419

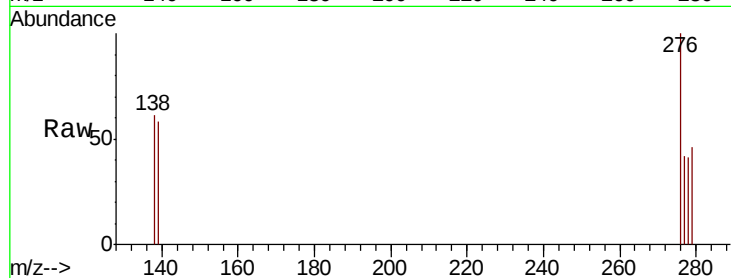
Tgt Ion: 278 Resp: 418

Ion Ratio Lower Upper

278 100

139 140.7 16.2 24.4#

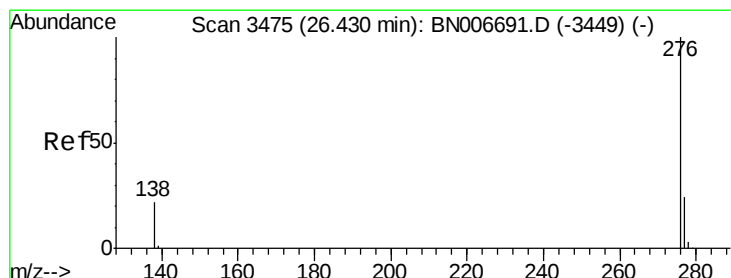
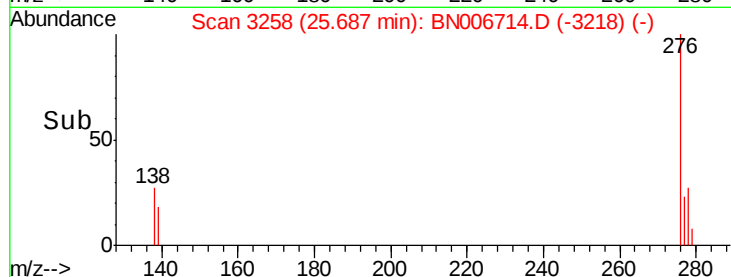
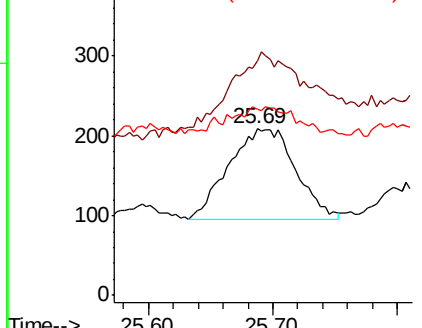
279 111.5 20.7 31.1#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.026 ng

RT: 26.38 min Scan# 3460

Delta R.T. -0.05 min

Lab File: BN006714.D

Acq: 05 Jul 2019 14:15

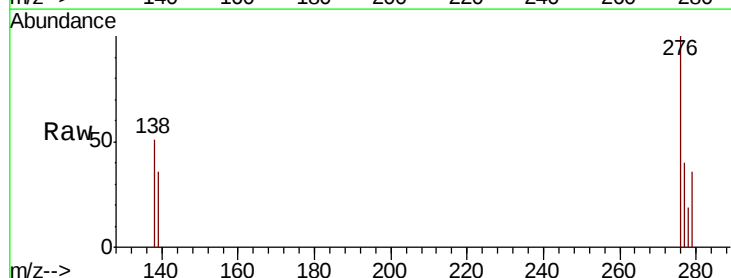
Tgt Ion: 276 Resp: 1610

Ion Ratio Lower Upper

276 100

277 40.0 20.6 30.8#

138 50.5 19.7 29.5#



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

