

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
 Data File : BN008034.D
 Acq On : 05 Oct 2019 20:02
 Operator : JU
 Sample : K5078-08RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXT-024-SW072-092619

Quant Time: Oct 07 00:16:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 03 18:39:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4392	0.40	ng	-0.02
7) Naphthalene-d8	10.44	136	17483	0.40	ng	-0.03
13) Acenaphthene-d10	14.31	164	11040	0.40	ng	-0.02
19) Phenanthrene-d10	17.06	188	22015	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	23352	0.40	ng	-0.02
34) Perylene-d12	23.47	264	26071	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	3061	0.20	ng	0.00
5) Phenol-d6	6.87	99	3859	0.20	ng	0.00
8) Nitrobenzene-d5	8.82	82	3707	0.24	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	7031	0.24	ng	-0.02
14) 2,4,6-Tribromophenol	15.80	330	1432	0.24	ng	-0.02
15) 2-Fluorobiphenyl	12.93	172	9595	0.21	ng	-0.02
25) Fluoranthene-d10	19.09	212	17492	0.24	ng	-0.02
29) Terphenyl-d14	19.69	244	14339	0.25	ng	-0.02

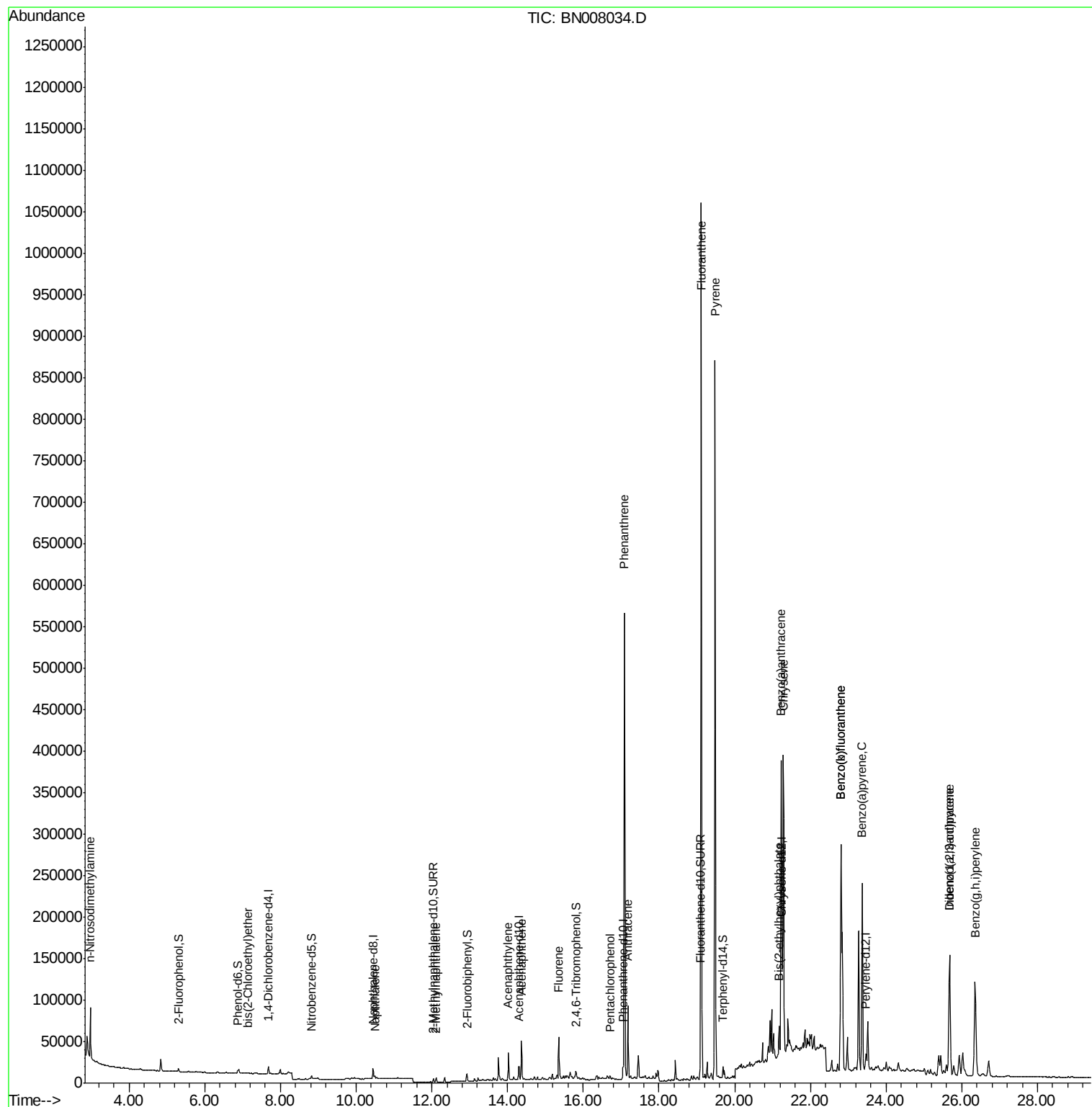
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	2.97	42	6904	3.079	ng	# 79
6) bis(2-Chloroethyl)ether	7.13	93	1067	0.086	ng	# 24
9) Naphthalene	10.49	128	4608	0.094	ng	# 89
12) 2-Methylnaphthalene	12.11	142	4035	0.122	ng	# 94
16) Acenaphthylene	14.02	152	40987	0.700	ng	99
17) Acenaphthene	14.36	154	23567	0.624	ng	98
18) Fluorene	15.36	166	33296	0.688	ng	97
22) Pentachlorophenol	16.72	266	193	0.036	ng	# 81
23) Phenanthrene	17.09	178	641720	9.357	ng	100
24) Anthracene	17.18	178	89122	1.439	ng	# 96
26) Fluoranthene	19.12	202	939937	11.022	ng	99
28) Pyrene	19.48	202	777708	9.765	ng	# 96
30) Benzo(a)anthracene	21.23	228	361405	4.203	ng	98
31) Chrysene	21.28	228	335730	4.006	ng	98
32) Bis(2-ethylhexyl)phthalate	21.18	149	27999	0.633	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	234805	2.238	ng	# 95
35) Benzo(b)fluoranthene	22.81	252	462123	5.106	ng	99
36) Benzo(k)fluoranthene	22.81	252	462123	5.163	ng	99
37) Benzo(a)pyrene	23.37	252	302929	3.562	ng	100
38) Dibenzo(a,h)anthracene	25.68	278	55180	0.634	ng	# 85
39) Benzo(g,h,i)perylene	26.36	276	233010	2.706	ng	99

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

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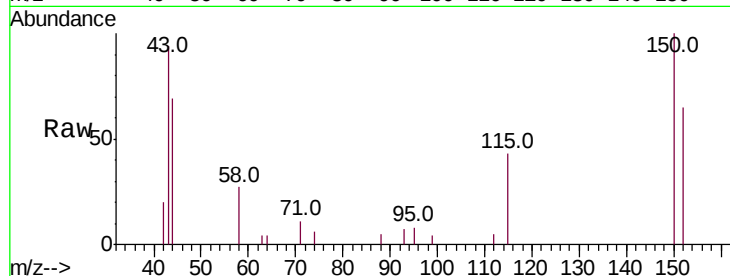


#1

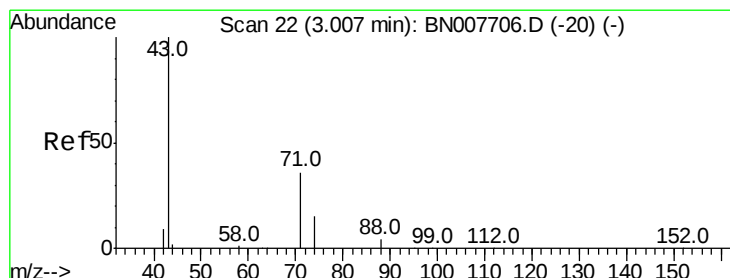
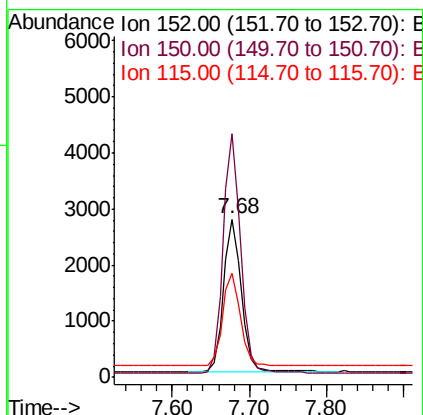
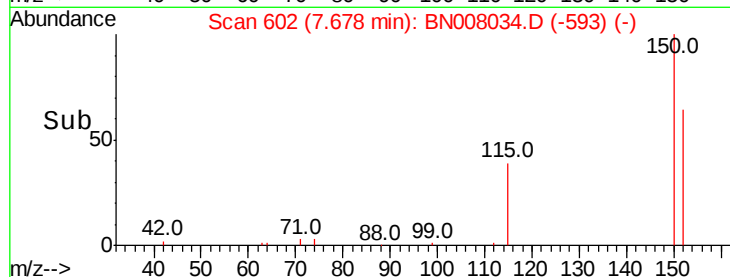
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008034.D
Acq: 05 Oct 2019 20:02

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW072-092619

Tot Ion:152 Resp: 4392
Ion Ratio Lower Upper
152 100
150 153.9 125.6 188.4
115 66.0 53.3 79.9



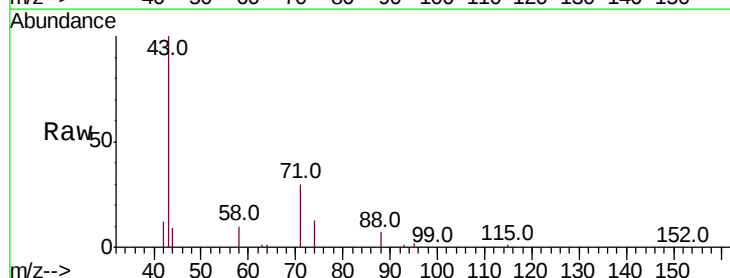
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



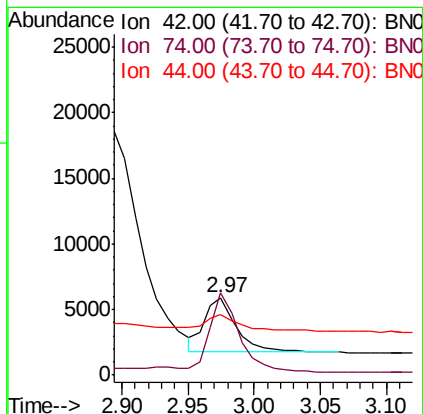
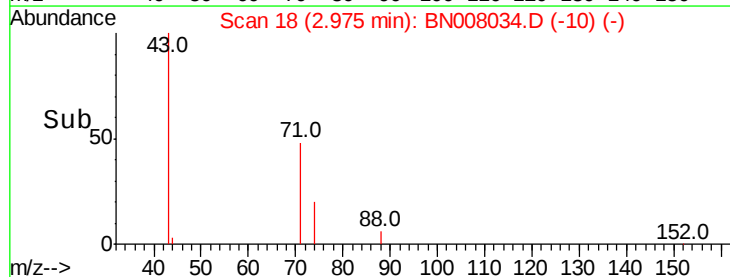
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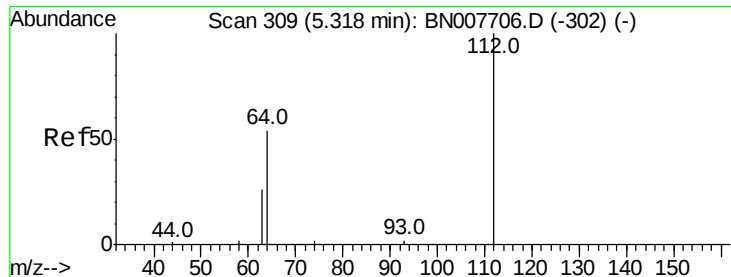
n-Nitrosodimethylamine
Concen: 3.079 ng
RT: 2.97 min Scan# 18
Delta R.T. -0.03 min
Lab File: BN008034.D
Acq: 05 Oct 2019 20:02

Tgt Ion: 42 Resp: 6904
Ion Ratio Lower Upper
42 100
74 135.7 87.9 131.9#
44 29.5 29.4 44.0



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: 0.202 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

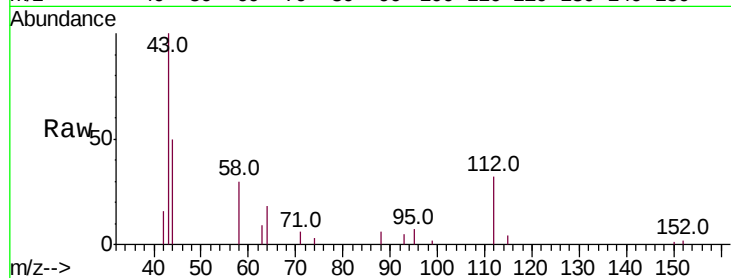
Tot Ion:112 Resp: 3061

Ion Ratio Lower Upper

112 100

64 57.6 46.6 70.0

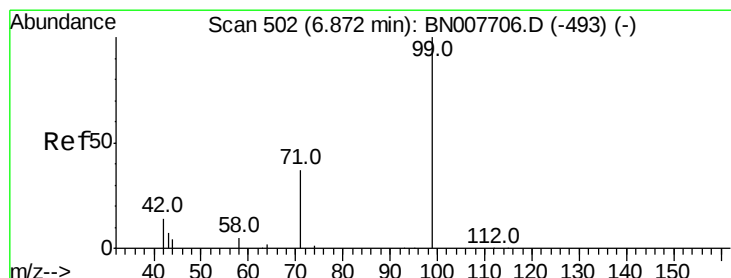
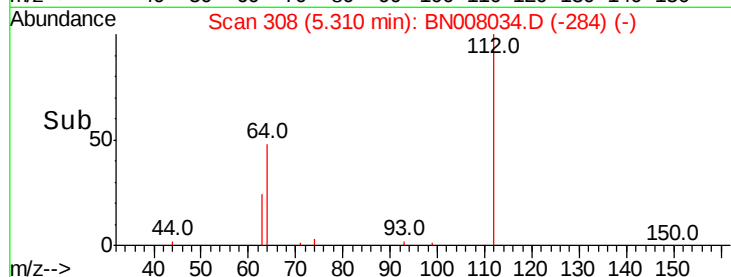
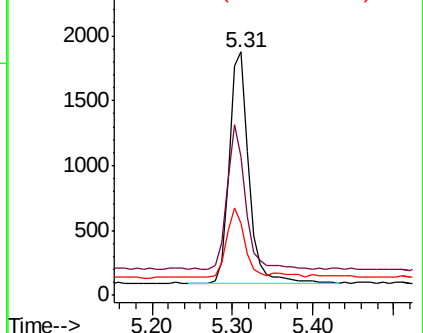
63 27.6 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.202 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

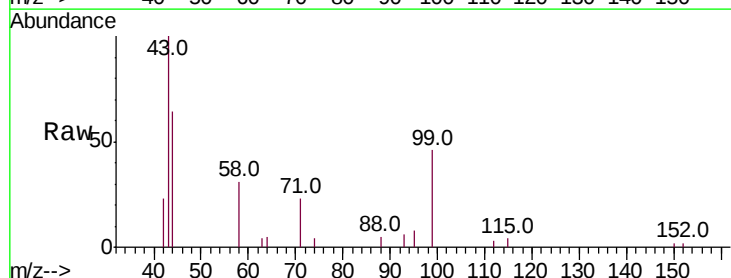
Tgt Ion: 99 Resp: 3859

Ion Ratio Lower Upper

99 100

42 22.7 12.8 19.2#

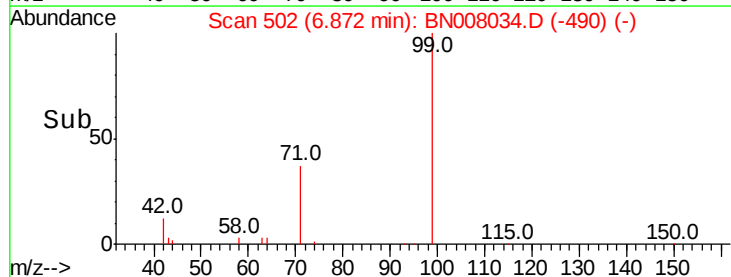
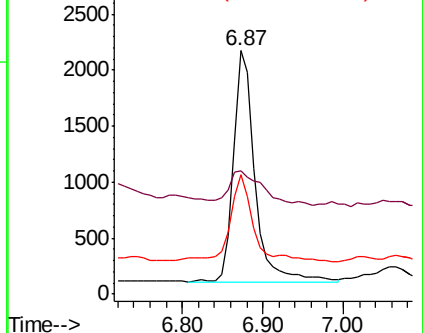
71 42.1 27.6 41.4#

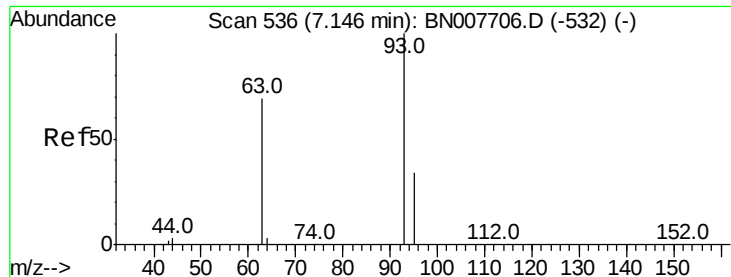


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.086 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

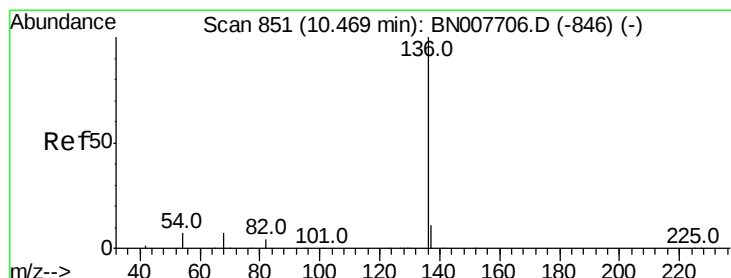
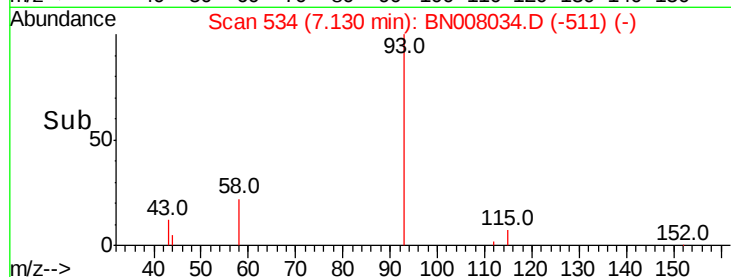
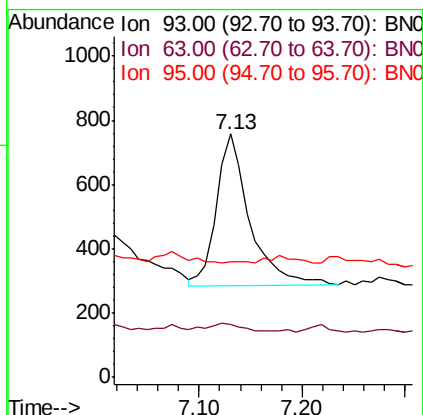
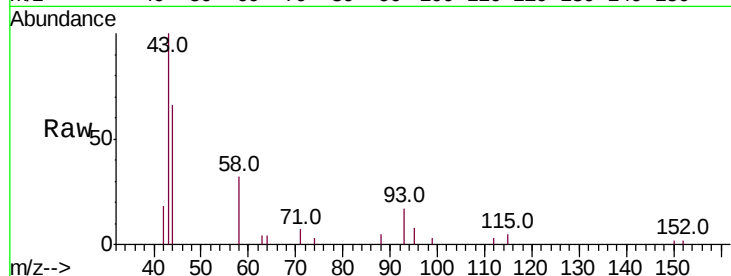
Tot Ion: 93 Resp: 1067

Ion Ratio Lower Upper

93 100

63 3.9 59.3 88.9#

95 0.0 31.4 47.0#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.03 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

Tgt Ion: 136 Resp: 17483

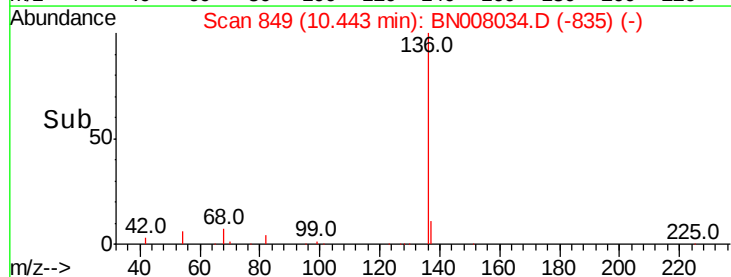
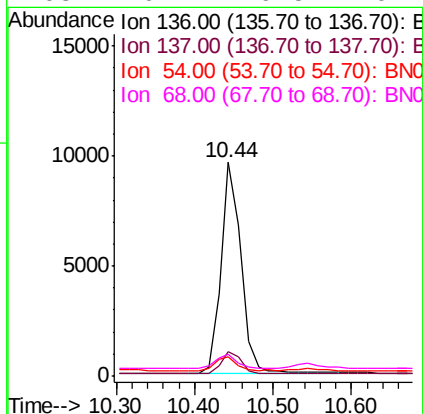
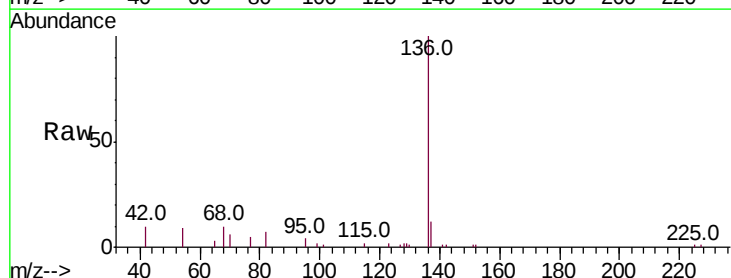
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 8.7 5.8 8.8

68 10.4 6.5 9.7#





#8

Nitrobenzene-d5

Concen: 0.242 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

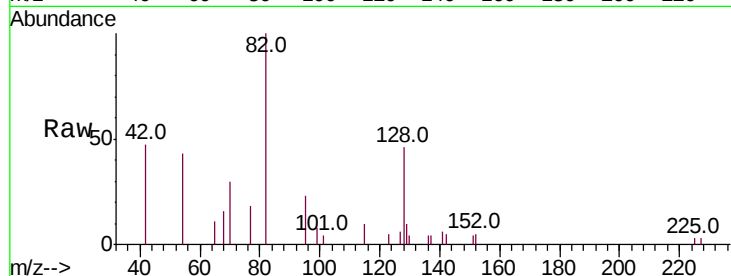
Tot Ion: 82 Resp: 3707

Ion Ratio Lower Upper

82 100

128 46.1 24.5 36.7#

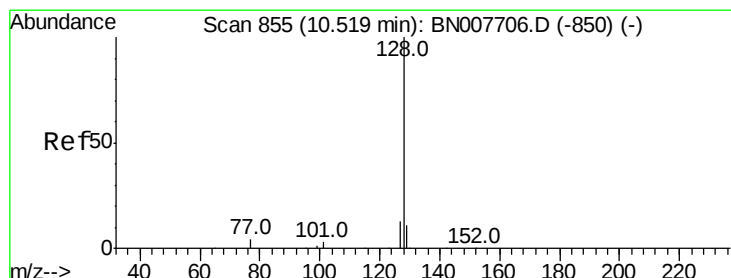
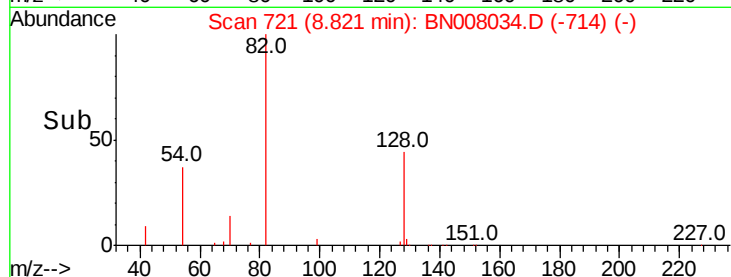
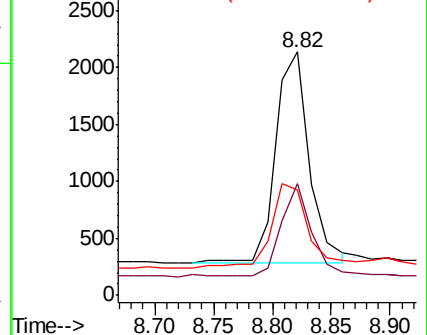
54 43.2 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007706.D (-719) (-)

Ion 128.00 (127.70 to 128.70): BN007706.D (-719) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-719) (-)



#9

Naphthalene

Concen: 0.094 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

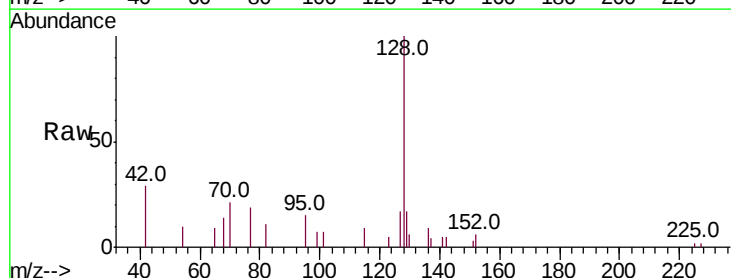
Tgt Ion: 128 Resp: 4608

Ion Ratio Lower Upper

128 100

129 17.0 9.1 13.7#

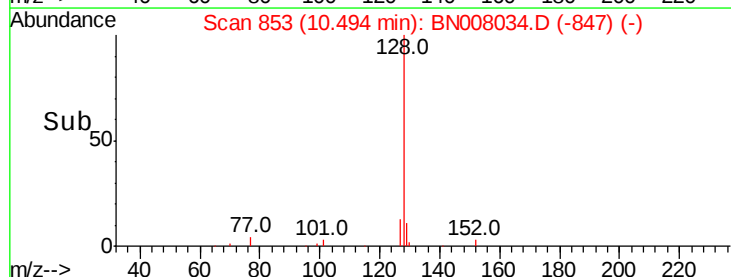
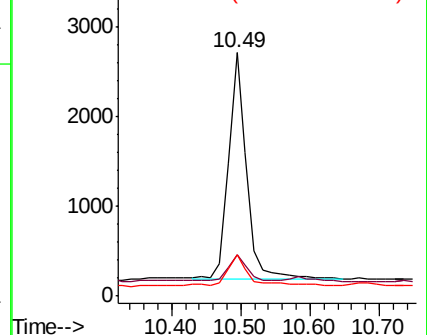
127 16.7 10.6 15.8#

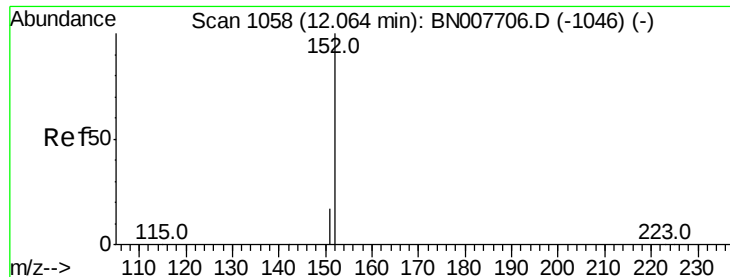


Abundance Ion 128.00 (127.70 to 128.70): BN007706.D (-850) (-)

Ion 129.00 (128.70 to 129.70): BN007706.D (-850) (-)

Ion 127.00 (126.70 to 127.70): BN007706.D (-850) (-)

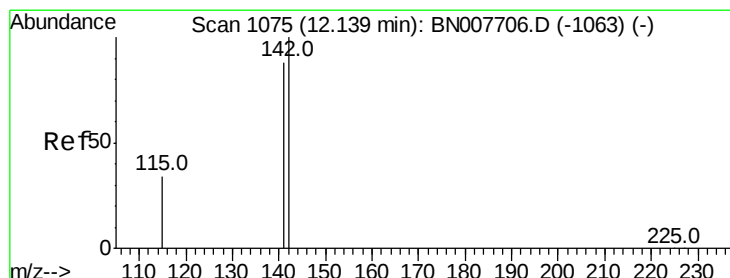
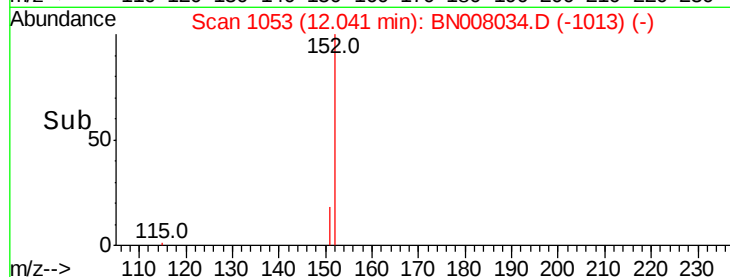
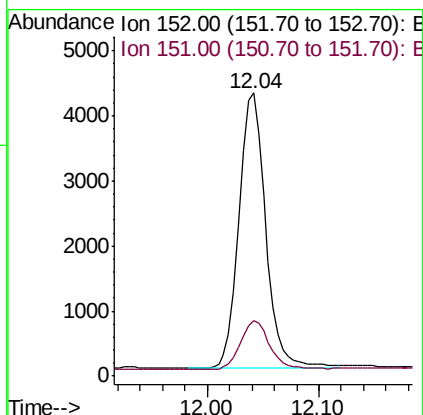
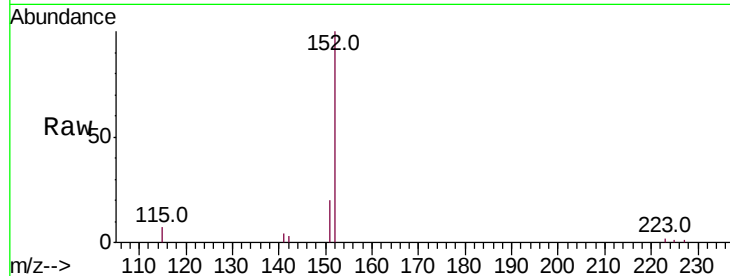




#11
 2-Methylnaphthalene-d10
 Concen: 0.239 ng
 RT: 12.04 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BN008034.D
 Acq: 05 Oct 2019 20:02

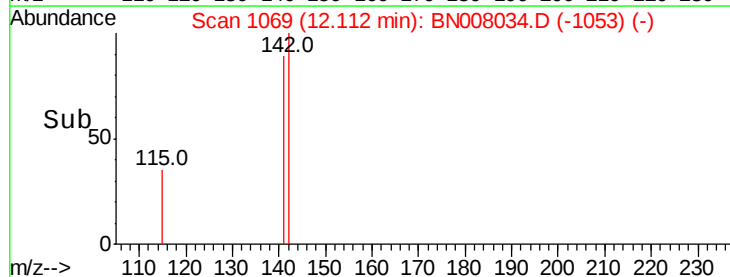
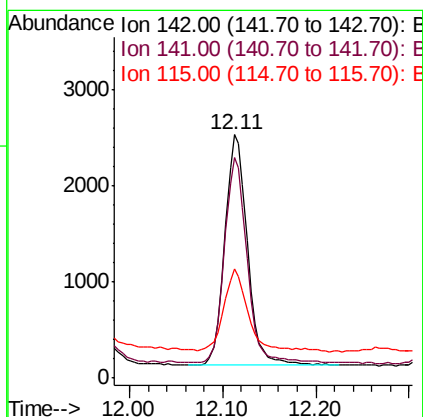
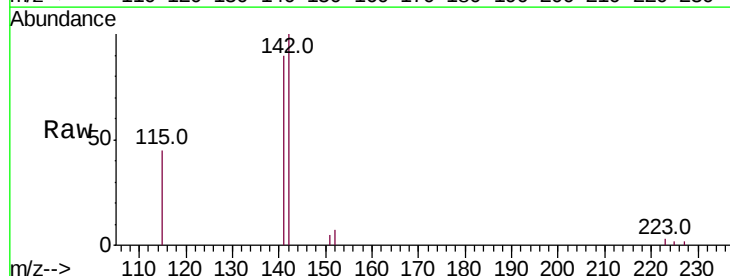
Instrument :
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 EXT-024-SW072-092619

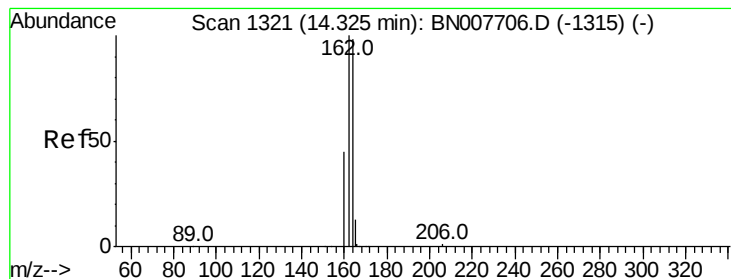
Tot Ion:152 Resp: 7031
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.122 ng
 RT: 12.11 min Scan# 1069
 Delta R.T. -0.03 min
 Lab File: BN008034.D
 Acq: 05 Oct 2019 20:02

Tgt Ion:142 Resp: 4035
 Ion Ratio Lower Upper
 142 100
 141 90.4 70.6 106.0
 115 44.9 28.3 42.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

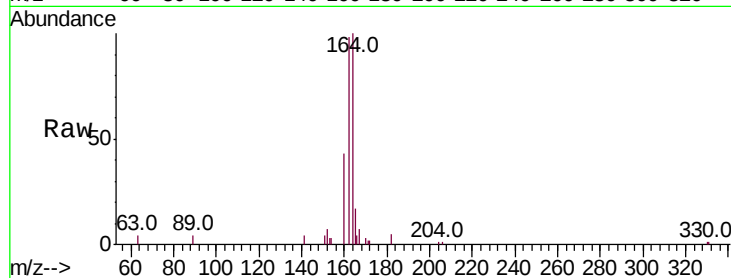
Tot Ion:164 Resp: 11040

Ion Ratio Lower Upper

164 100

162 97.6 81.7 122.5

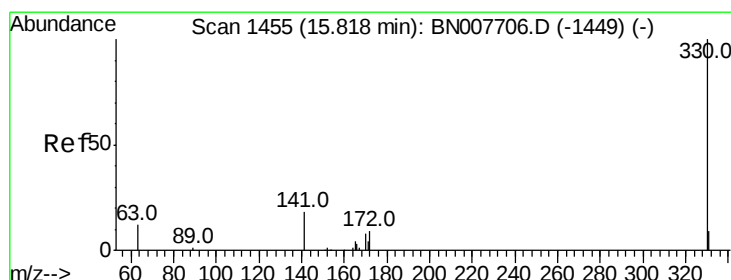
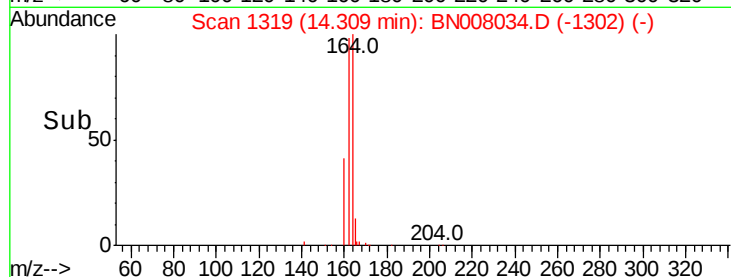
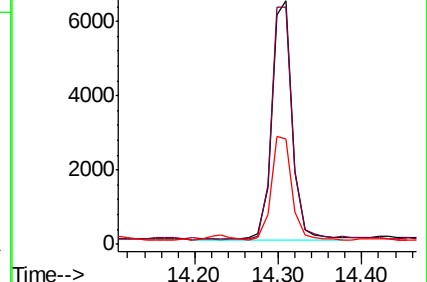
160 43.1 37.0 55.4



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: 0.238 ng

RT: 15.80 min Scan# 1453

Delta R.T. -0.02 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

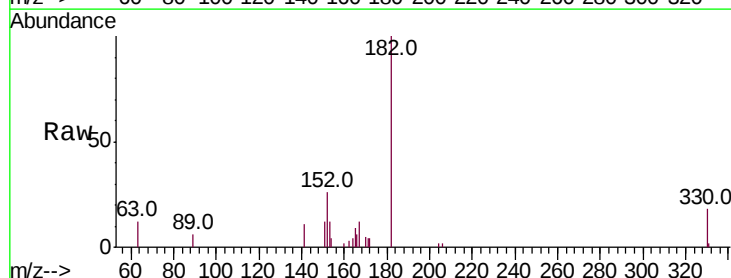
Tgt Ion:330 Resp: 1432

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

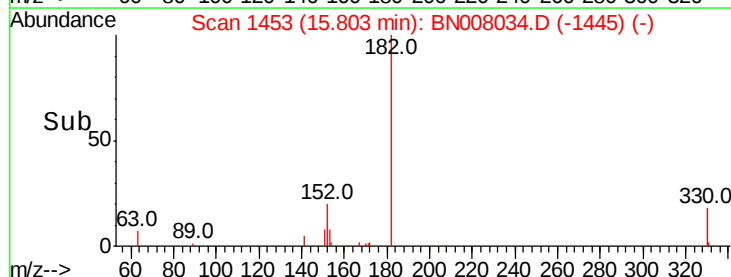
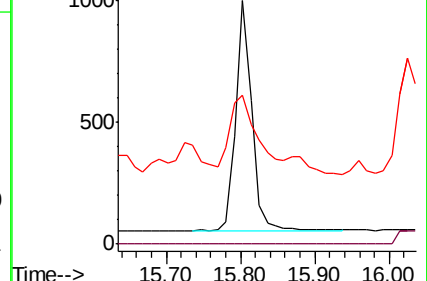
141 47.7 28.7 43.1#

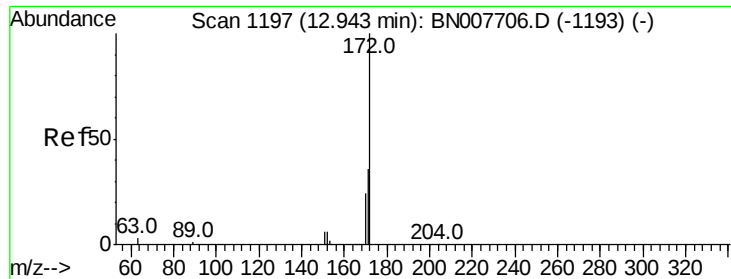


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

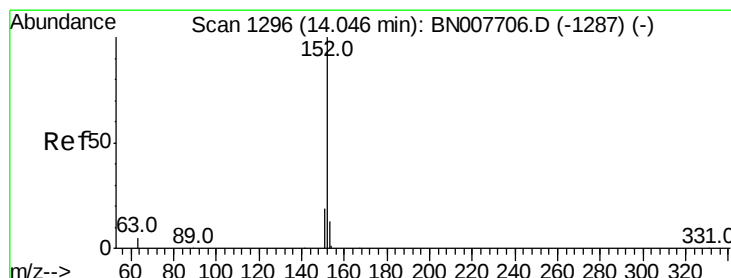
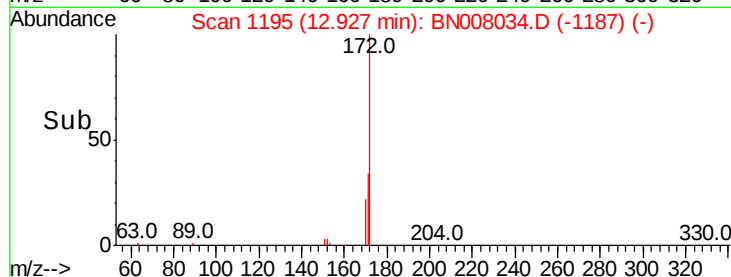
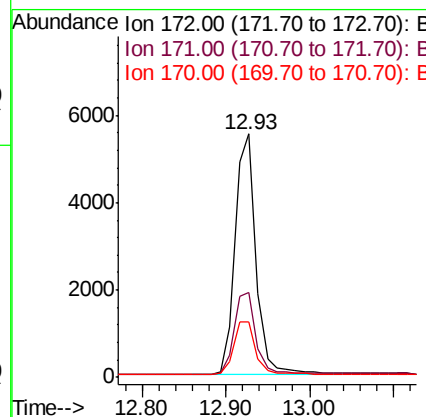
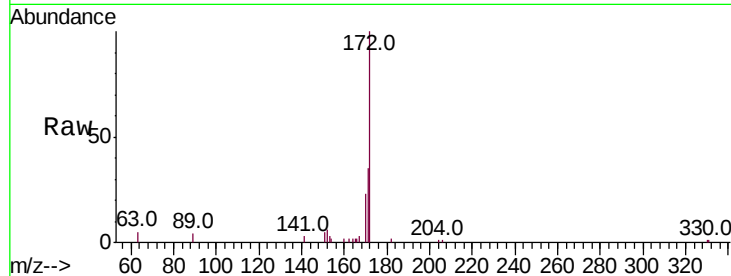




#15
2-Fluorobiphenyl
Concen: 0.211 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008034.D
Acq: 05 Oct 2019 20:02

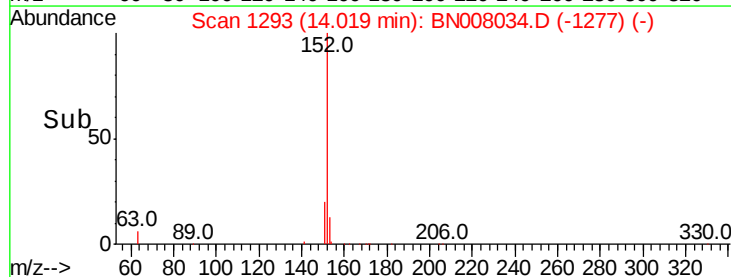
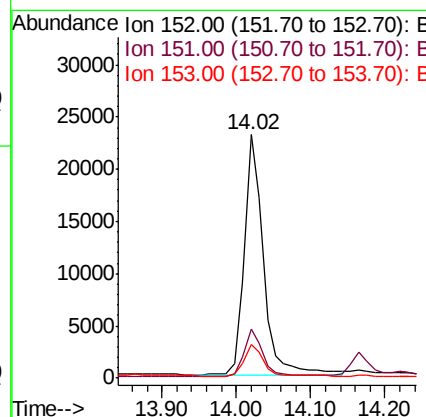
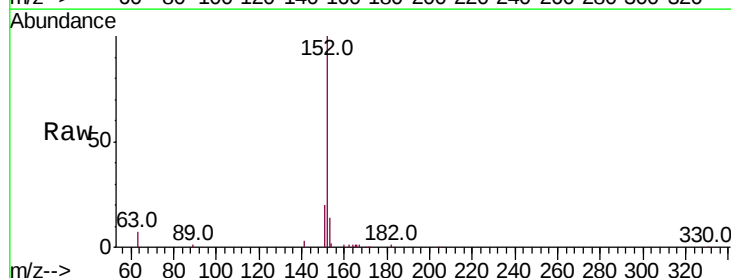
Instrument :
BNA_N
ClientSampleId :
EXT-024-SW072-092619

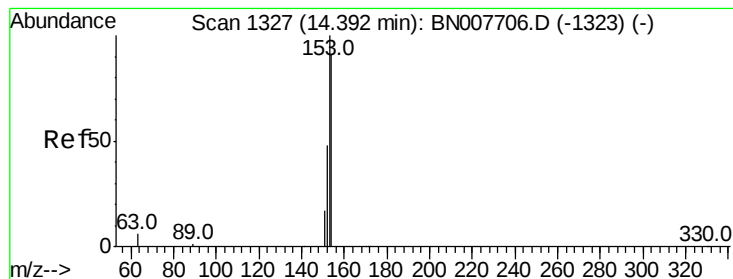
Tot Ion:172 Resp: 9595
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 22.8 19.5 29.3



#16
Acenaphthylene
Concen: 0.700 ng
RT: 14.02 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BN008034.D
Acq: 05 Oct 2019 20:02

Tgt Ion:152 Resp: 40987
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.2 10.4 15.6





#17

Acenaphthene

Concen: 0.624 ng

RT: 14.36 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

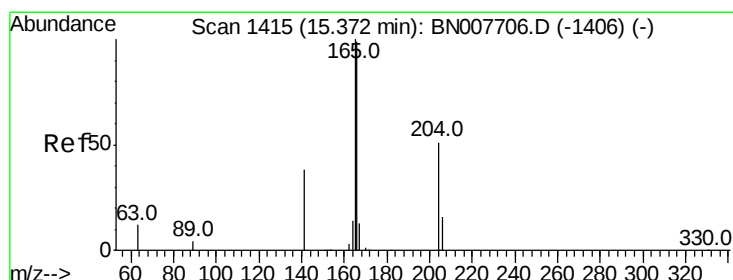
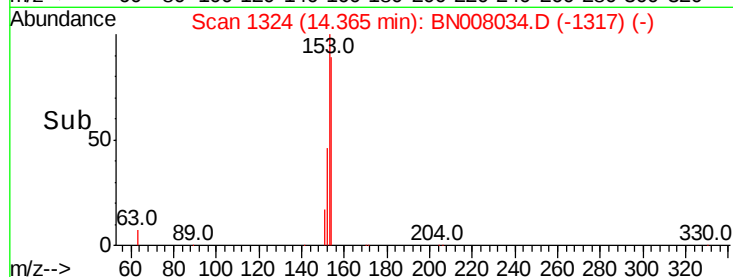
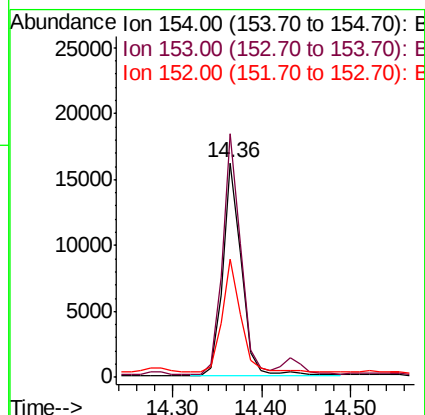
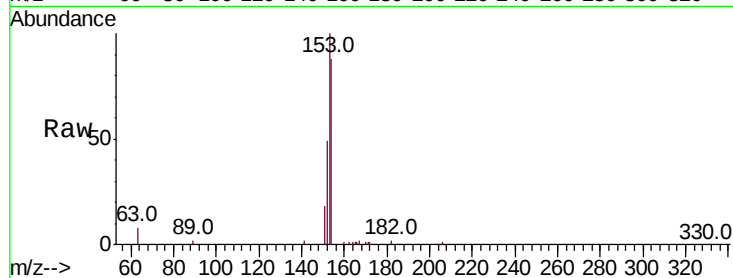
Tot Ion:154 Resp: 23567

Ion	Ratio	Lower	Upper
154	100		
153	110.8	87.0	130.4
152	54.3	42.7	64.1

154 100

153 110.8 87.0 130.4

152 54.3 42.7 64.1



#18

Fluorene

Concen: 0.688 ng

RT: 15.36 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

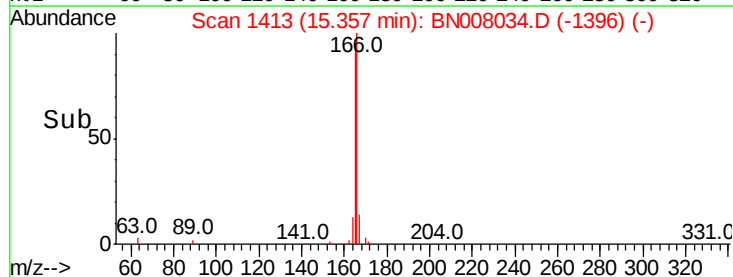
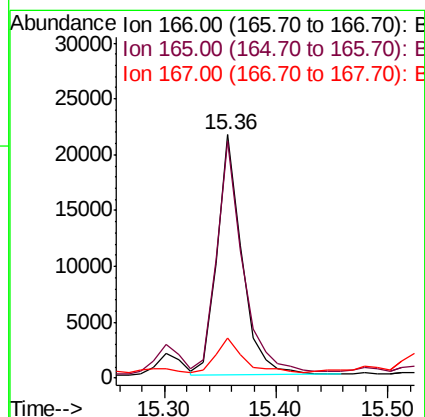
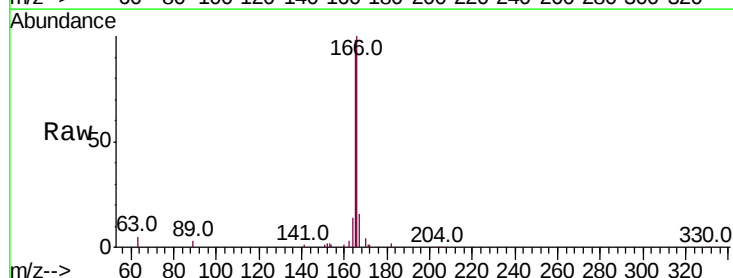
Tgt Ion:166 Resp: 33296

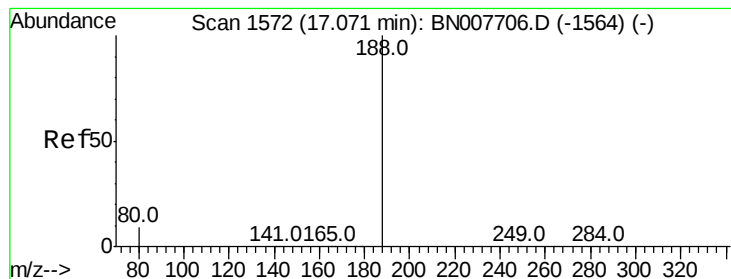
Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.0	117.0
167	15.1	10.9	16.3

166 100

165 100.5 78.0 117.0

167 15.1 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

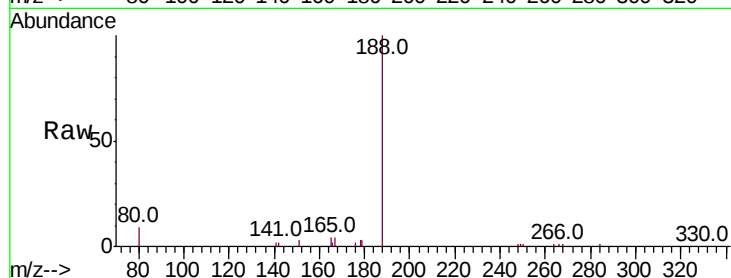
Tot Ion:188 Resp: 22015

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

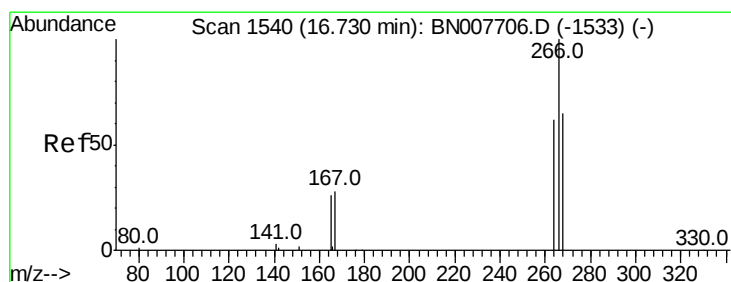
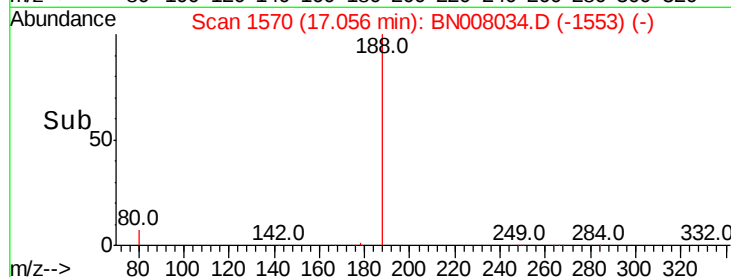
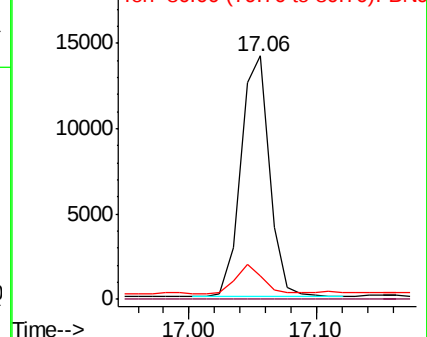
80 9.4 7.4 11.2



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



#22

Pentachlorophenol

Concen: 0.036 ng

RT: 16.72 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

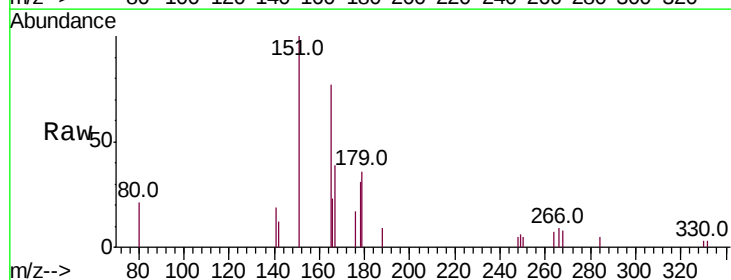
Tgt Ion:266 Resp: 193

Ion Ratio Lower Upper

266 100

264 77.0 50.0 75.0#

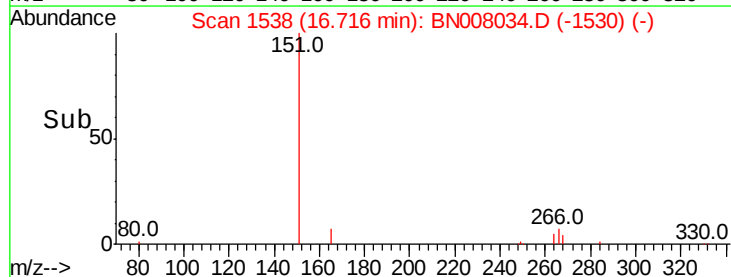
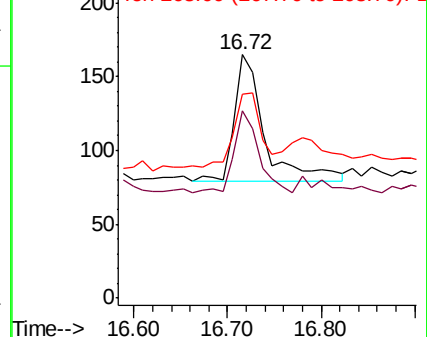
268 83.6 54.2 81.4#

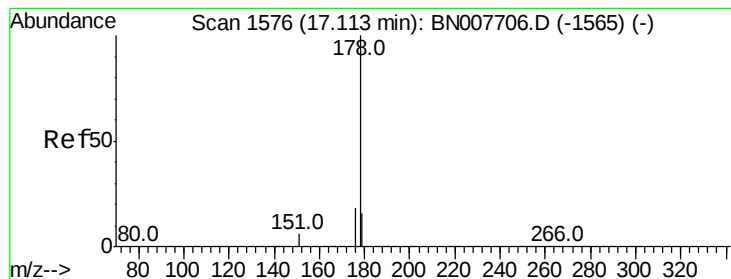


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 9.357 ng

RT: 17.09 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

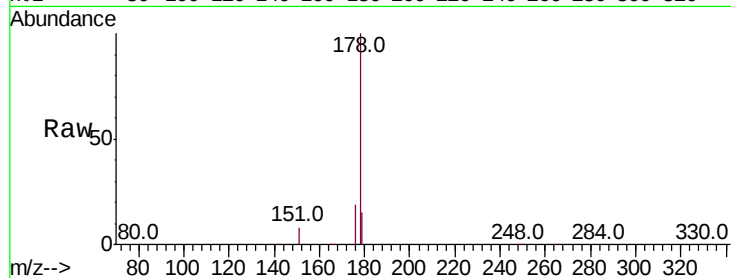
Tot Ion:178 Resp: 641720

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

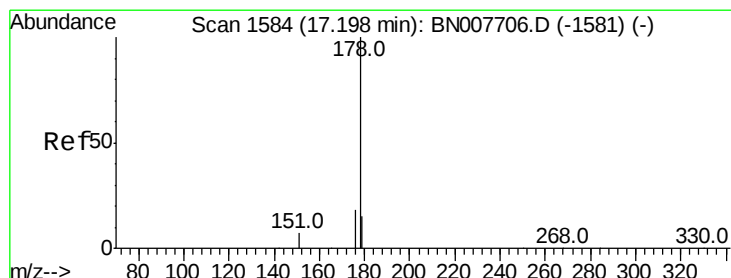
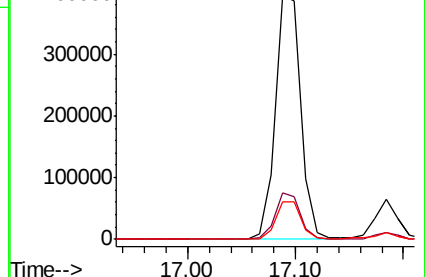
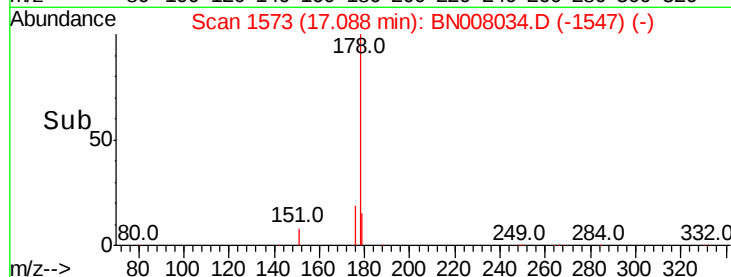
179 15.5 12.5 18.7



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



#24

Anthracene

Concen: 1.439 ng

RT: 17.18 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

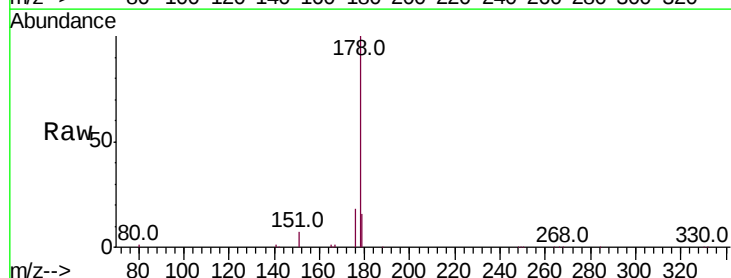
Tgt Ion:178 Resp: 89122

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

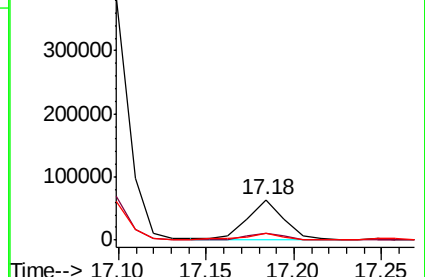
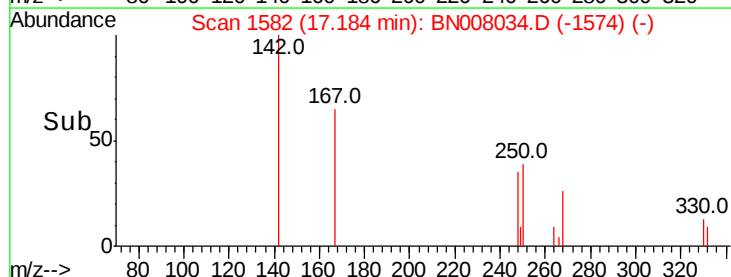
179 18.5 12.2 18.4#

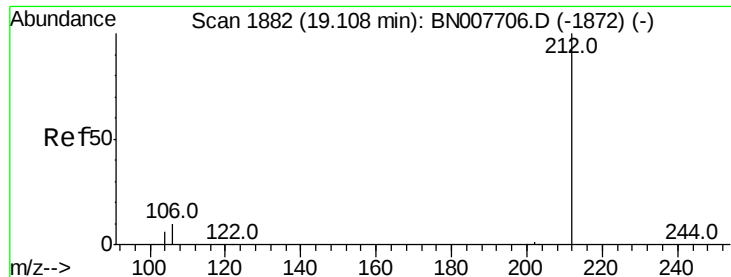


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.236 ng

RT: 19.09 min Scan# 1877

Delta R.T. -0.02 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

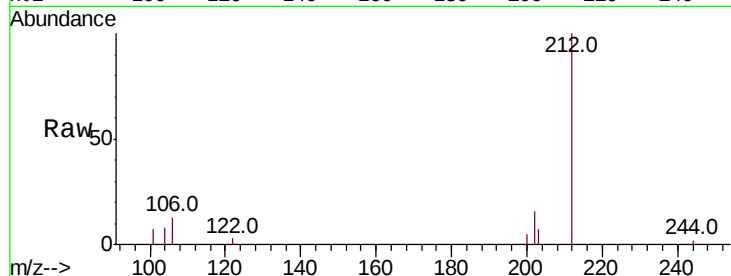
Tot Ion:212 Resp: 17492

Ion Ratio Lower Upper

212 100

106 11.3 9.4 14.0

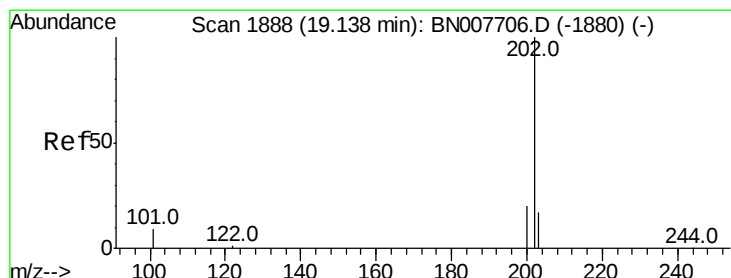
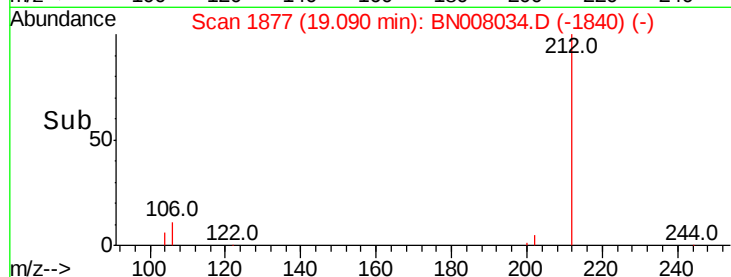
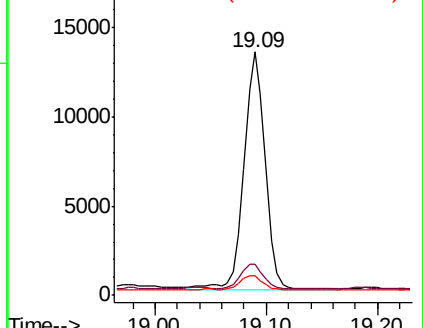
104 6.7 5.3 7.9



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 11.022 ng

RT: 19.12 min Scan# 1883

Delta R.T. -0.02 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

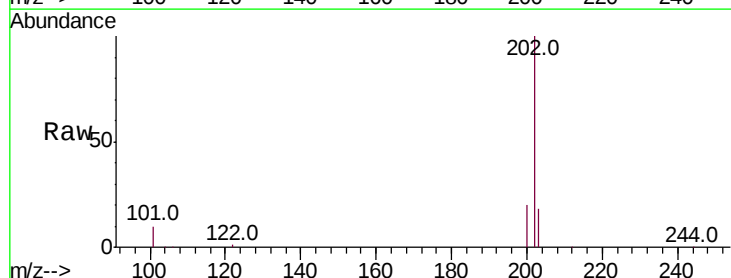
Tgt Ion:202 Resp: 939937

Ion Ratio Lower Upper

202 100

101 10.1 8.4 12.6

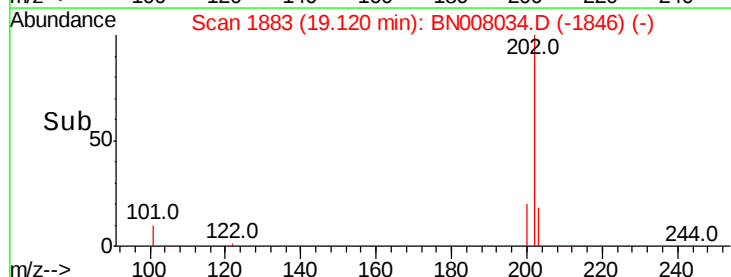
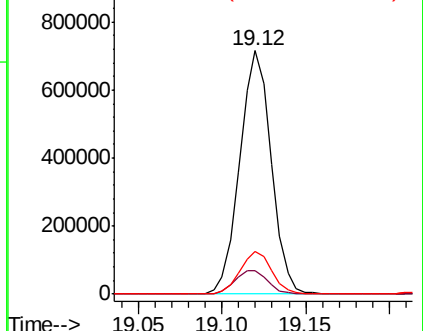
203 17.6 13.8 20.8

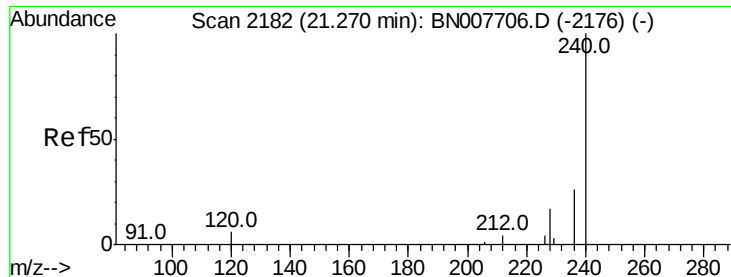


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.25 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

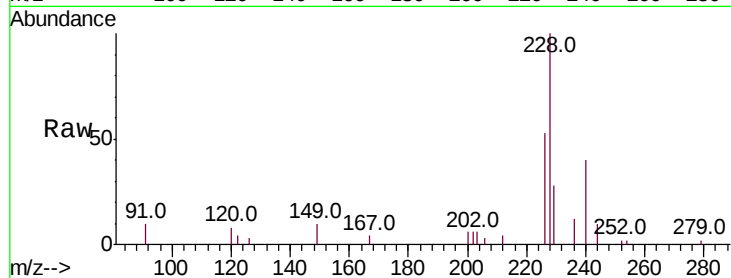
Tot Ion:240 Resp: 23352

Ion Ratio Lower Upper

240 100

120 19.4 5.4 8.2#

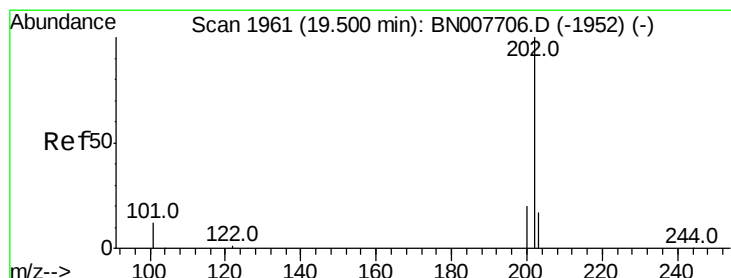
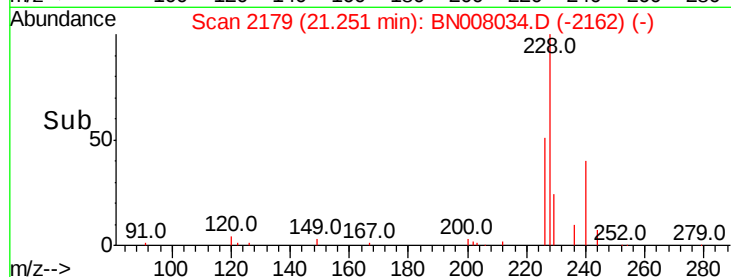
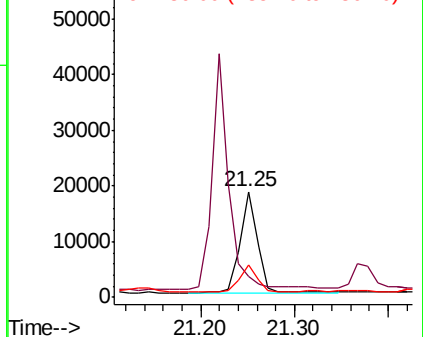
236 30.2 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 9.765 ng

RT: 19.48 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

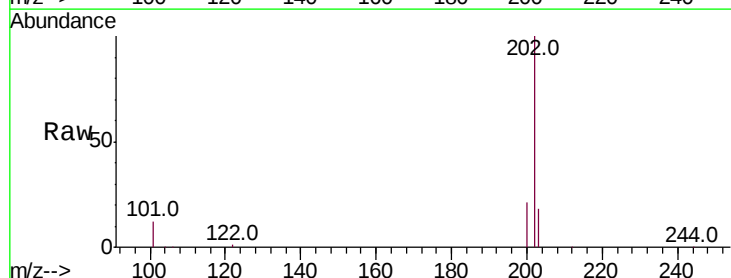
Tgt Ion:202 Resp: 777708

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

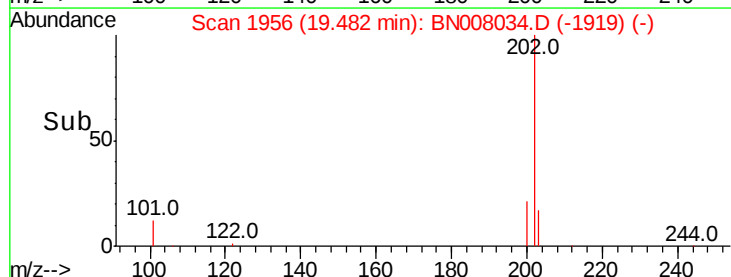
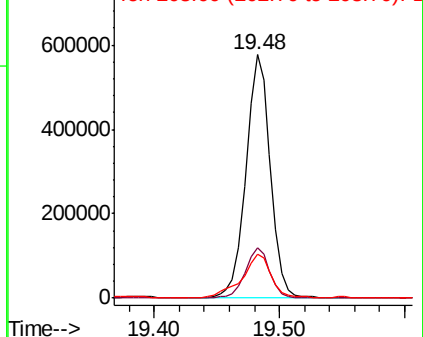
203 21.3 14.1 21.1#

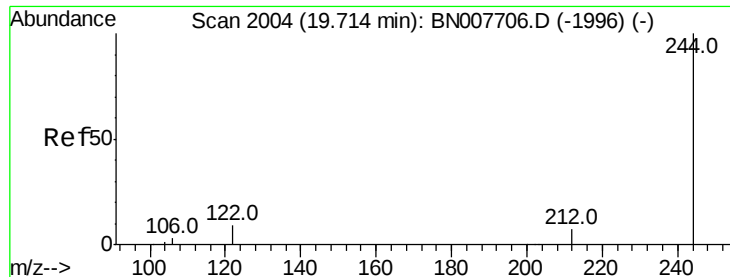


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.250 ng

RT: 19.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

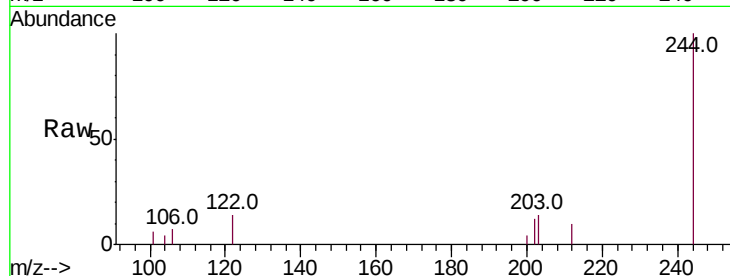
Tot Ion:244 Resp: 14339

Ion Ratio Lower Upper

244 100

212 9.7 5.9 8.9#

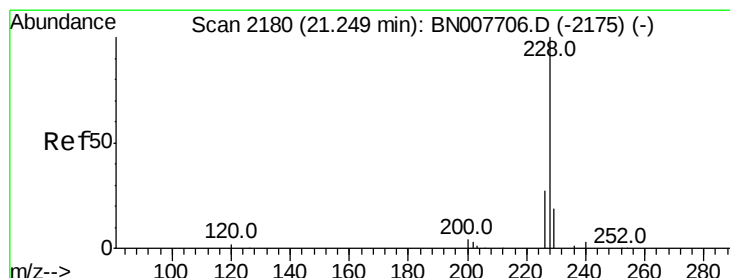
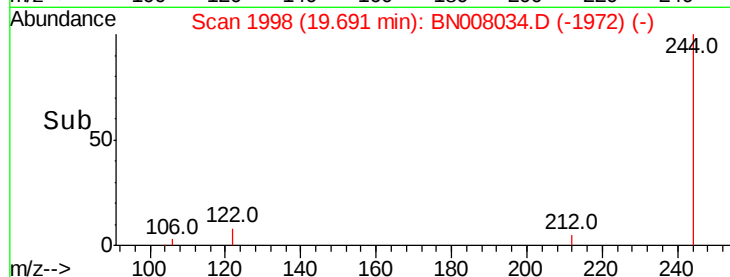
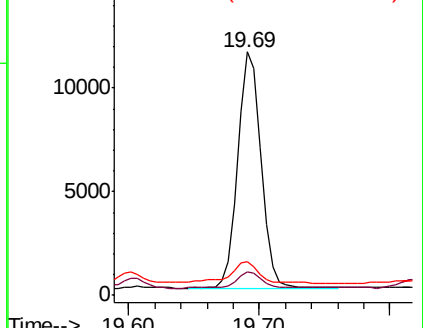
122 13.8 7.4 11.2#



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: 4.203 ng

RT: 21.23 min Scan# 2177

Delta R.T. -0.02 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

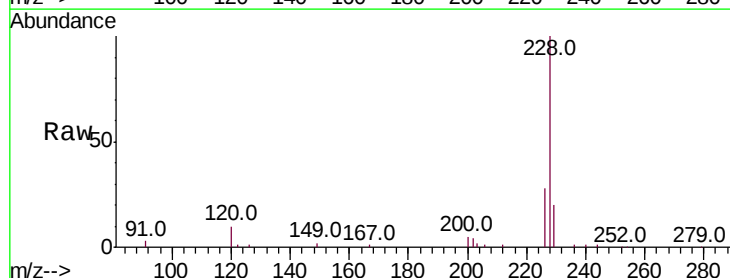
Tgt Ion:228 Resp: 361405

Ion Ratio Lower Upper

228 100

226 28.4 22.1 33.1

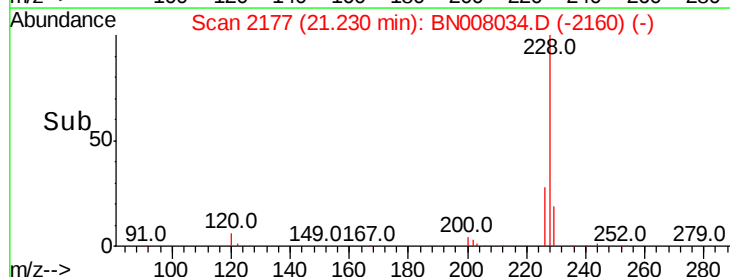
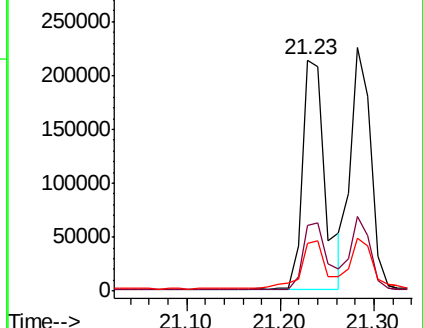
229 20.4 15.8 23.6

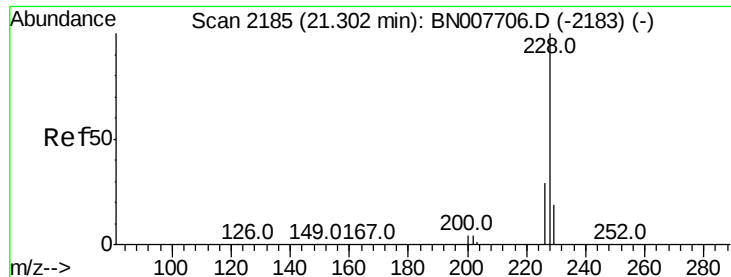


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 4.006 ng

RT: 21.28 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

Instrument :

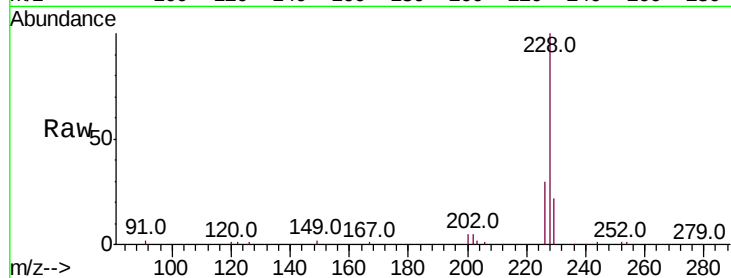
BNA_N

ClientSampleId :

EXT-024-SW072-092619

Tot Ion:228 Resp: 335730

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	21.8	15.8	23.6

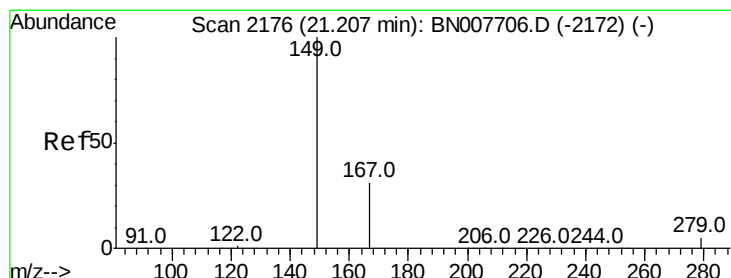
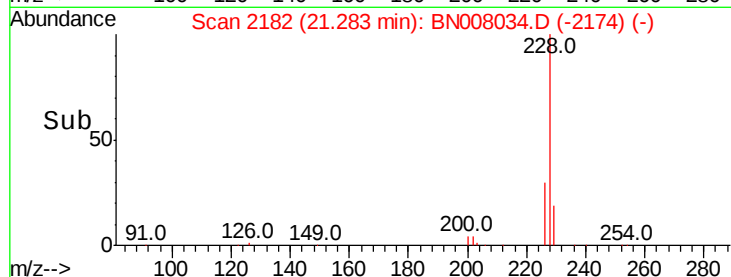
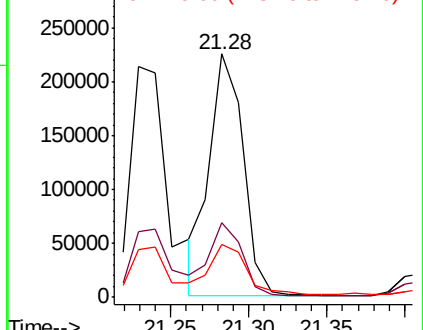


Abundance

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: 0.633 ng

RT: 21.18 min Scan# 2172

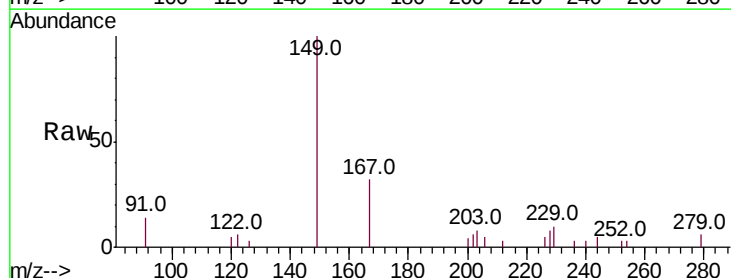
Delta R.T. -0.03 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

Tgt Ion:149 Resp: 27999

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.7	35.5
279	5.6	4.2	6.2

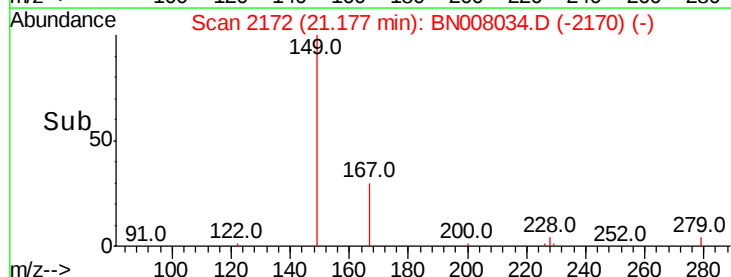
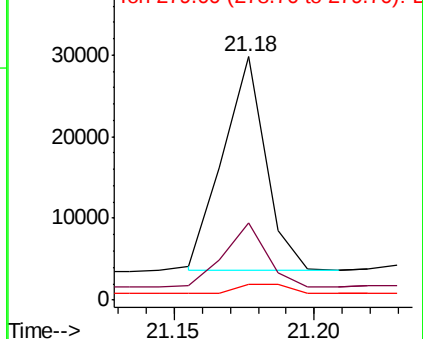


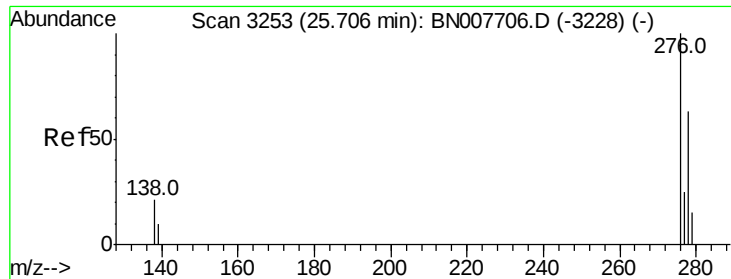
Abundance

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: 2.238 ng

RT: 25.68 min Scan# 3243

Delta R.T. -0.03 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

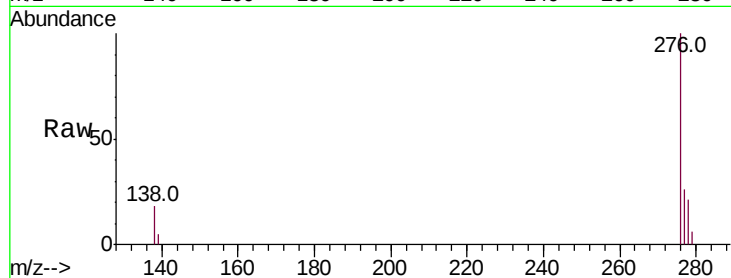
Tot Ion:276 Resp: 234805

Ion Ratio Lower Upper

276 100

138 16.8 17.1 25.7#

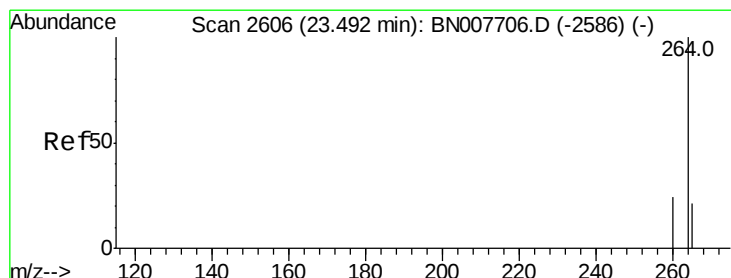
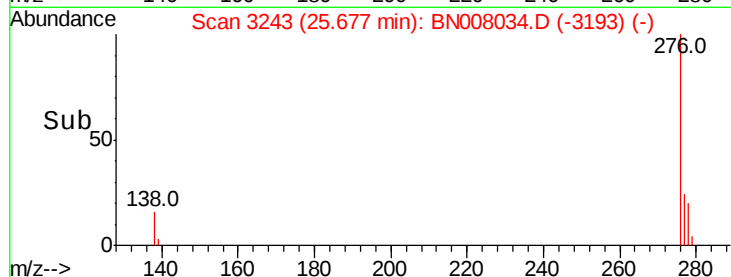
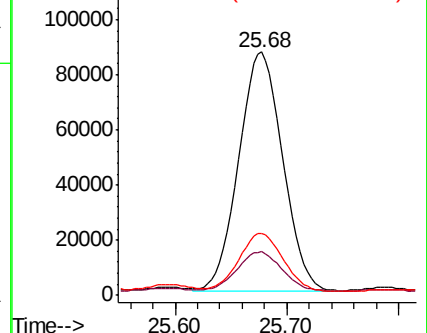
277 24.6 20.0 30.0



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: 23.47 min Scan# 2597

Delta R.T. -0.03 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

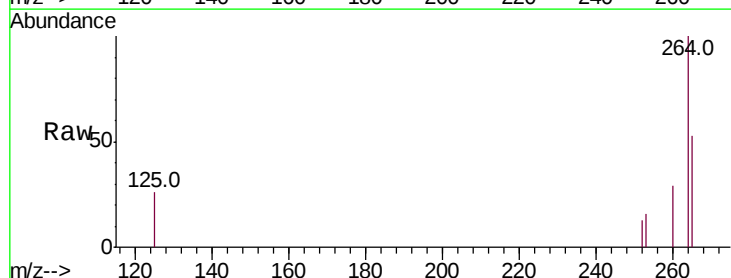
Tgt Ion:264 Resp: 26071

Ion Ratio Lower Upper

264 100

260 29.1 19.3 28.9#

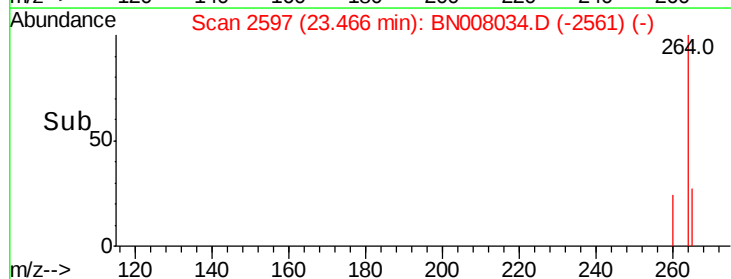
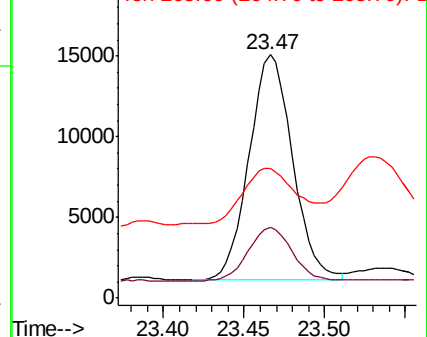
265 53.3 26.9 40.3#

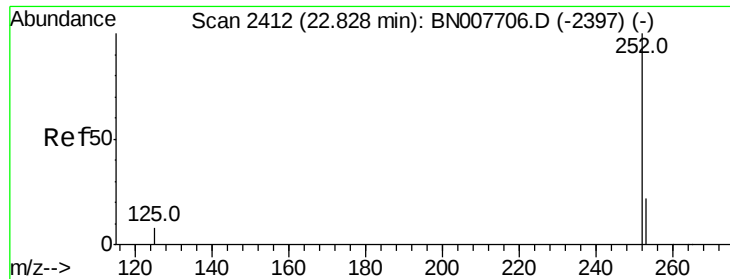


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 5.106 ng

RT: 22.81 min Scan# 2404

Delta R.T. -0.02 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

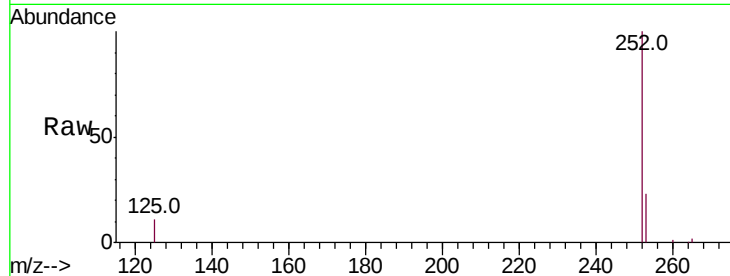
Tot Ion:252 Resp: 462123

Ion Ratio Lower Upper

252 100

253 23.2 18.3 27.5

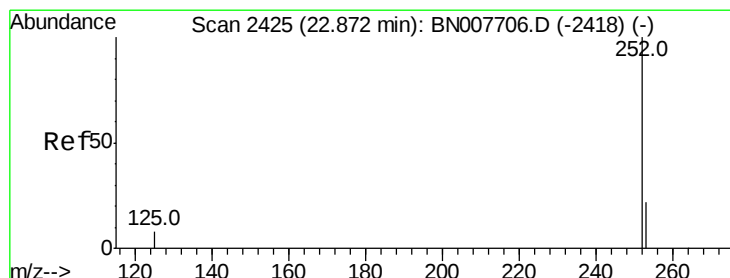
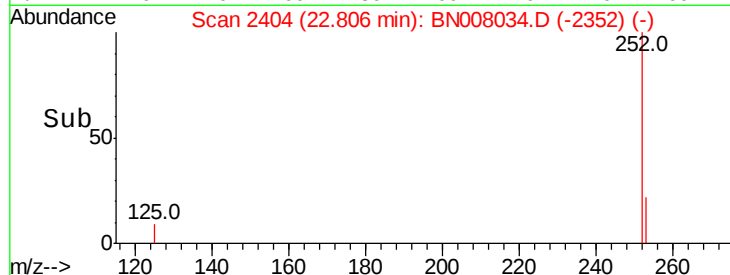
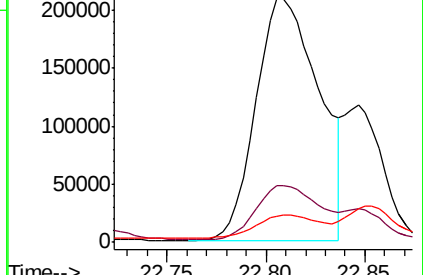
125 10.9 8.2 12.4



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: 5.163 ng

RT: 22.81 min Scan# 2404

Delta R.T. -0.07 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

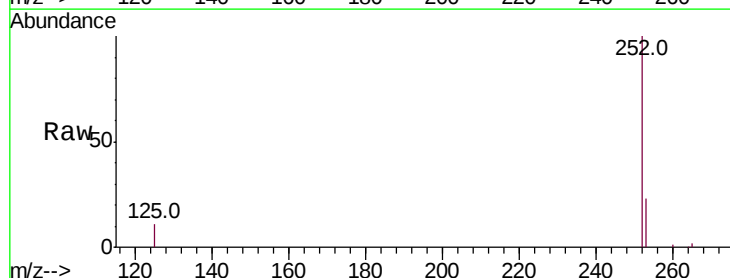
Tgt Ion:252 Resp: 462123

Ion Ratio Lower Upper

252 100

253 23.2 18.5 27.7

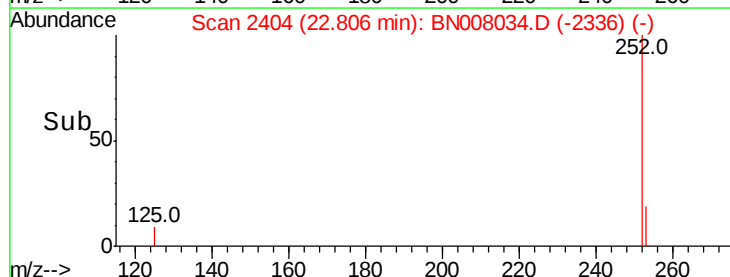
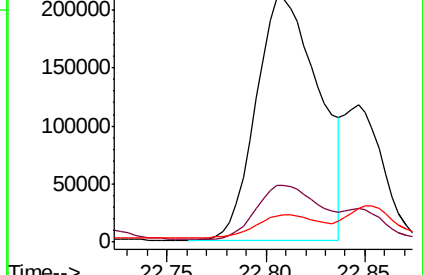
125 10.9 8.4 12.6

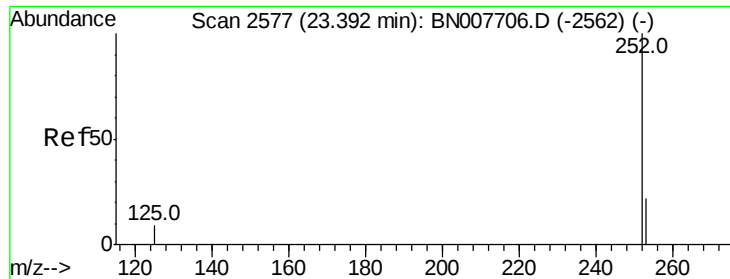


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.562 ng

RT: 23.37 min Scan# 2569

Delta R.T. -0.02 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

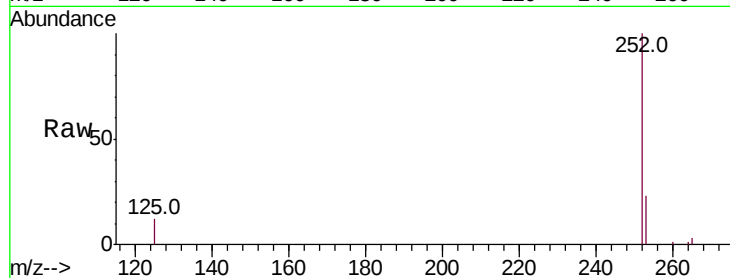
Tot Ion:252 Resp: 302929

Ion Ratio Lower Upper

252 100

253 23.3 18.6 27.8

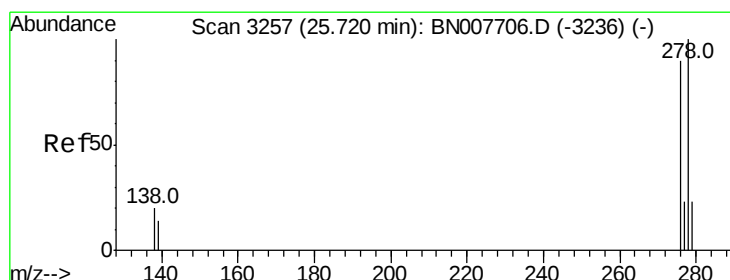
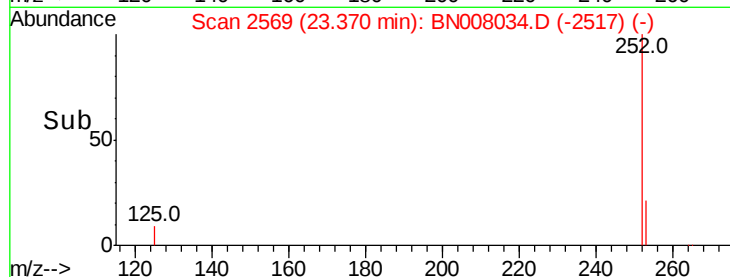
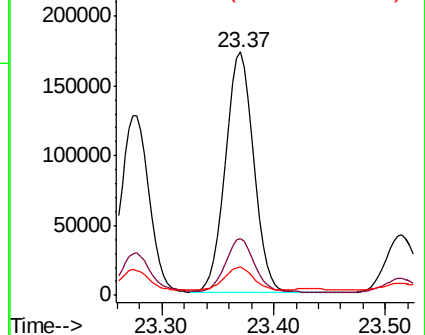
125 11.5 9.4 14.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.634 ng

RT: 25.68 min Scan# 3244

Delta R.T. -0.04 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

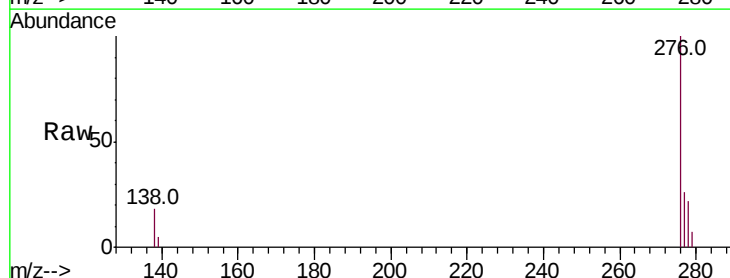
Tgt Ion:278 Resp: 55180

Ion Ratio Lower Upper

278 100

139 22.7 11.8 17.6#

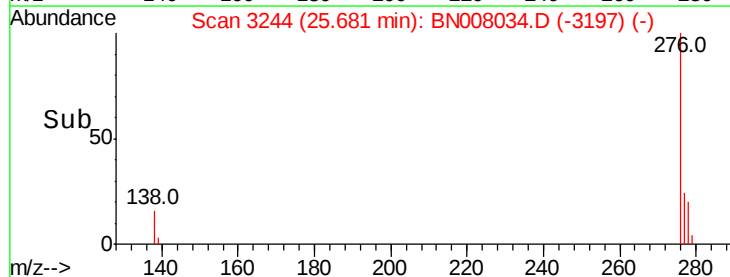
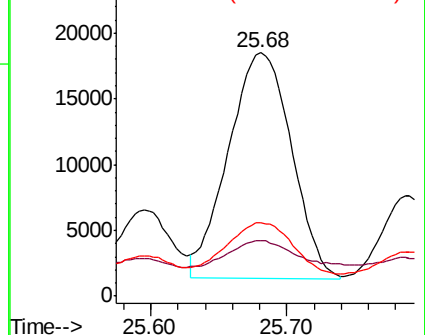
279 30.3 19.4 29.2#

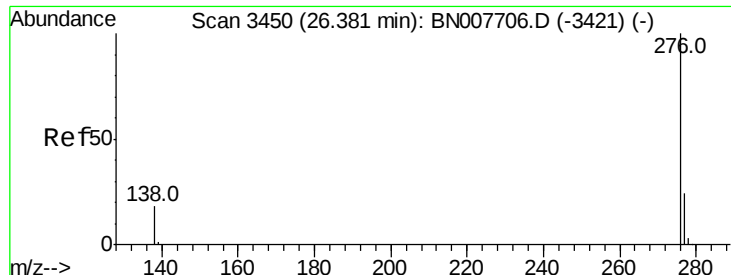


Abundance Ion 278.00 (277.70 to 278.70): E

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: 2.706 ng

RT: 26.36 min Scan# 3441

Delta R.T. -0.03 min

Lab File: BN008034.D

Acq: 05 Oct 2019 20:02

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

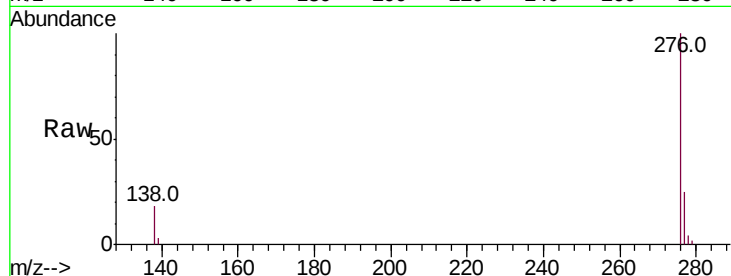
Tot Ion:276 Resp: 233010

Ion Ratio Lower Upper

276 100

277 25.2 19.8 29.8

138 18.4 15.1 22.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

