

Data File : BN007917.D
Acq On : 01 Oct 2019 04:35
Operator : JU
Sample : K5078-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Oct 01 07:48:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	7165	0.40	ng	0.00
7) Naphthalene-d8	10.46	136	26867	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	15254	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	30751	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	34955	0.40	ng	-0.01
34) Perylene-d12	23.47	264	40023	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	4982	0.20	ng	0.00
5) Phenol-d6	6.87	99	6426	0.21	ng	0.00
8) Nitrobenzene-d5	8.83	82	5693	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	10261	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1770	0.21	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	13933	0.22	ng	-0.01
25) Fluoranthene-d10	19.10	212	25027	0.24	ng	0.00
29) Terphenyl-d14	19.70	244	20785	0.24	ng	-0.01

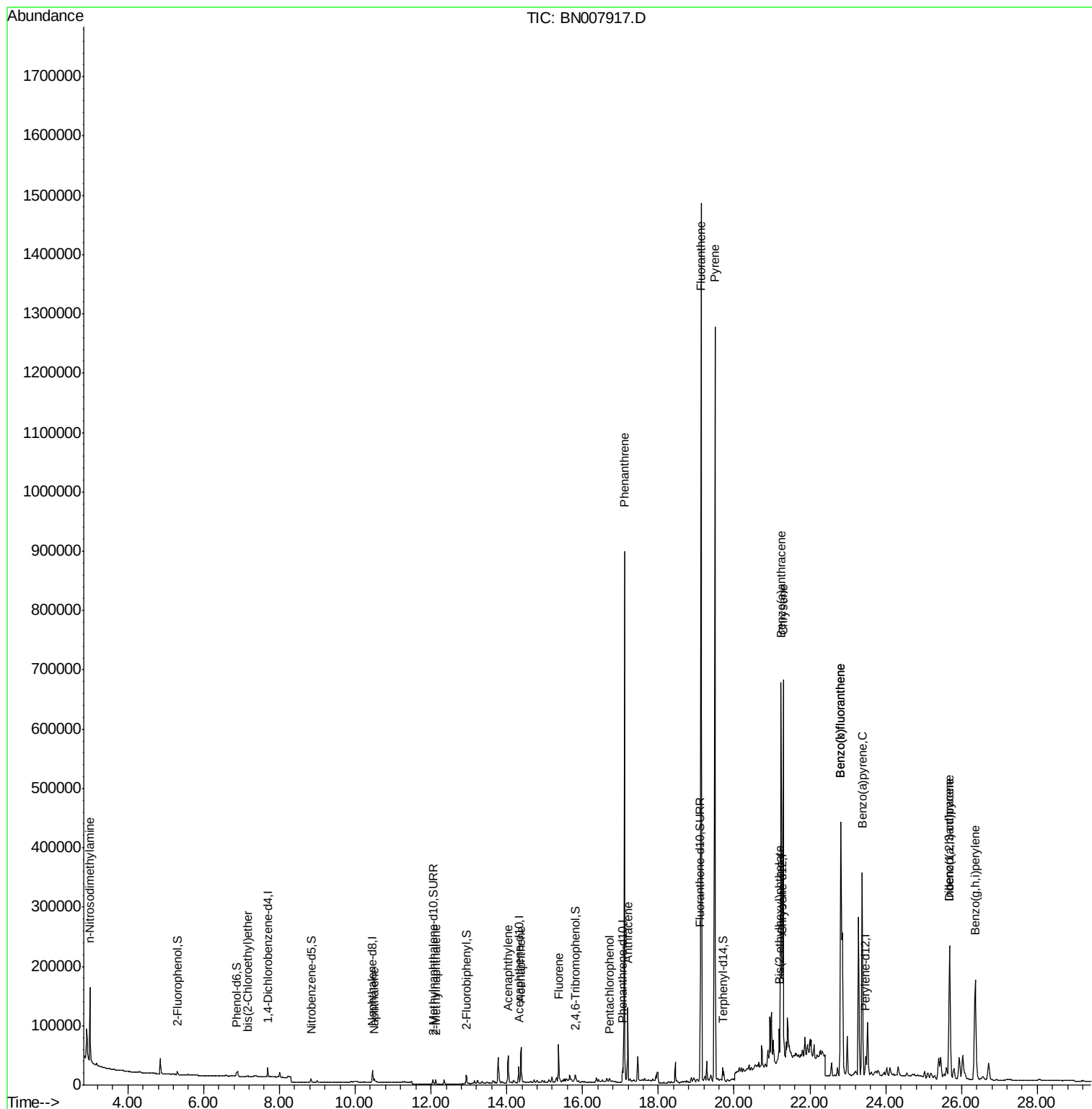
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.00	42	10672	2.918	ng	# 75
6) bis(2-Chloroethyl)ether	7.15	93	1392	0.069	ng	# 27
9) Naphthalene	10.51	128	7015	0.093	ng	# 93
12) 2-Methylnaphthalene	12.13	142	5846	0.115	ng	96
16) Acenaphthylene	14.04	152	59679	0.738	ng	99
17) Acenaphthene	14.38	154	32270	0.619	ng	96
18) Fluorene	15.36	166	46213	0.691	ng	96
22) Pentachlorophenol	16.72	266	223	0.030	ng	# 85
23) Phenanthrene	17.10	178	898750	9.382	ng	100
24) Anthracene	17.19	178	130387	1.507	ng	97
26) Fluoranthene	19.13	202	1363163	11.444	ng	99
28) Pyrene	19.49	202	1150711	9.652	ng	# 96
30) Benzo(a)anthracene	21.24	228	516811	4.015	ng	98
31) Chrysene	21.29	228	555752	4.430	ng	98
32) Bis(2-ethylhexyl)phthalate	21.19	149	42683	0.645	ng	99
33) Indeno(1,2,3-cd)pyrene	25.69	276	352190	2.242	ng	96
35) Benzo(b)fluoranthene	22.81	252	696006	5.009	ng	100
36) Benzo(k)fluoranthene	22.81	252	696006	5.066	ng	99
37) Benzo(a)pyrene	23.38	252	468455	3.588	ng	99
38) Dibenzo(a,h)anthracene	25.69	278	83242	0.623	ng	# 91
39) Benzo(g,h,i)perylene	26.36	276	349025	2.640	ng	99

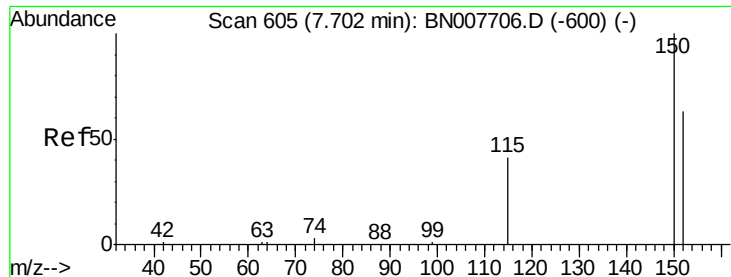
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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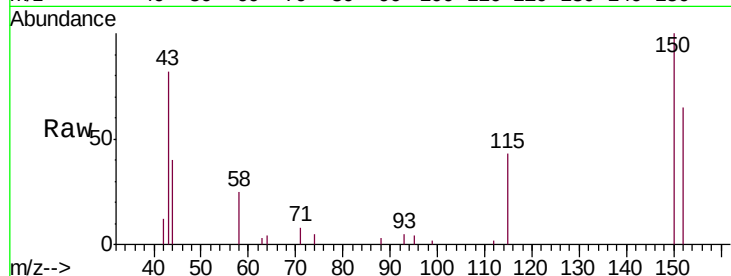


#1

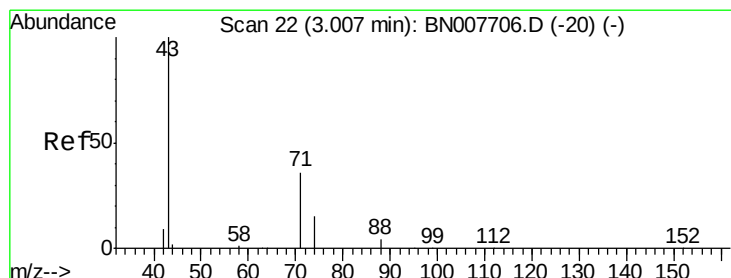
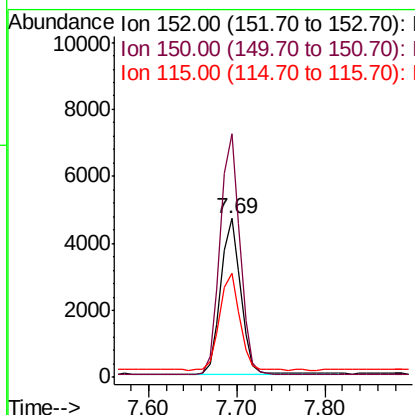
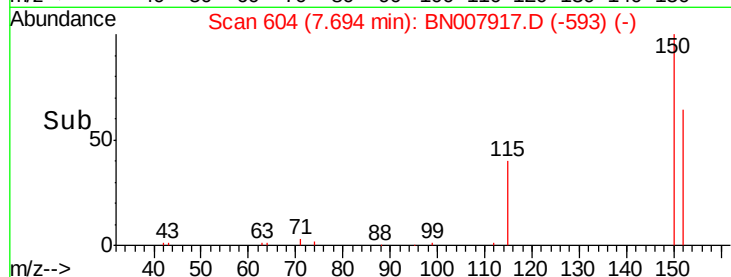
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007917.D
Acq: 01 Oct 2019 04:35

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

Tgt Ion:152 Resp: 7165
Ion Ratio Lower Upper
152 100
150 153.5 125.6 188.4
115 65.5 53.3 79.9



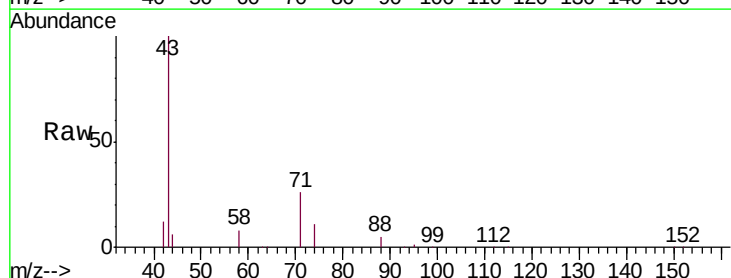
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



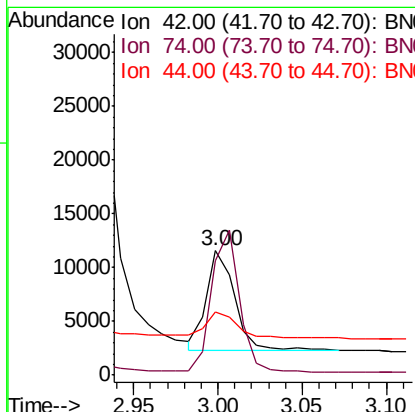
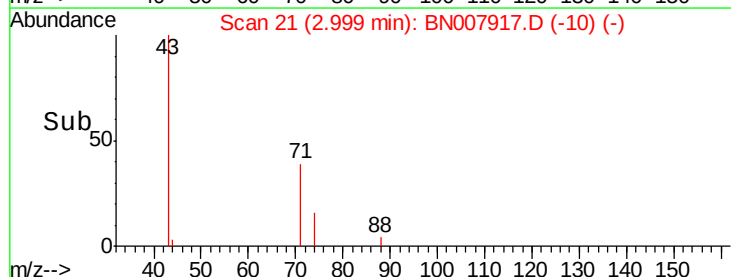
#3

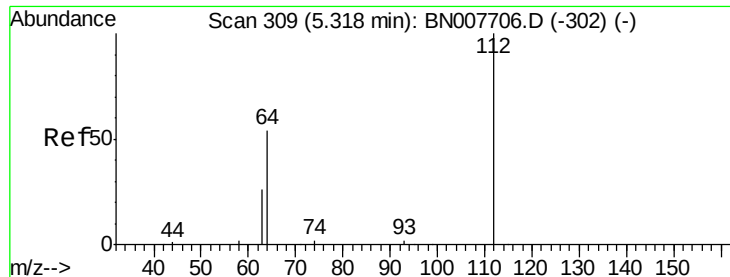
n-Nitrosodimethylamine
Concen: 2.918 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007917.D
Acq: 01 Oct 2019 04:35

Tgt Ion: 42 Resp: 10672
Ion Ratio Lower Upper
42 100
74 142.4 87.9 131.9#
44 31.2 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: BN007917.D

Acq: 01 Oct 2019 04:35

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

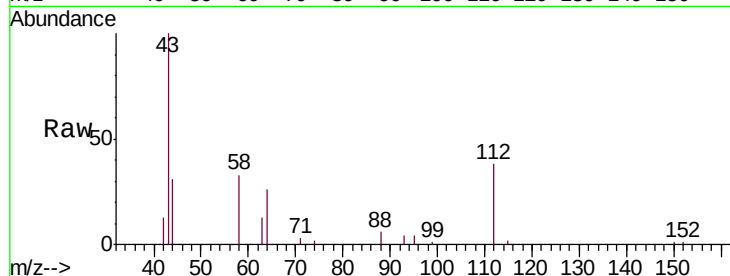
Tgt Ion: 112 Resp: 4982

Ion Ratio Lower Upper

112 100

64 58.2 46.6 70.0

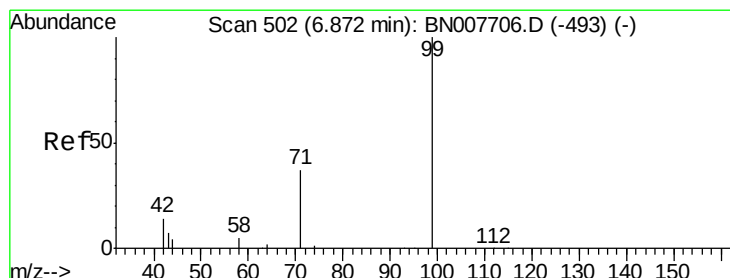
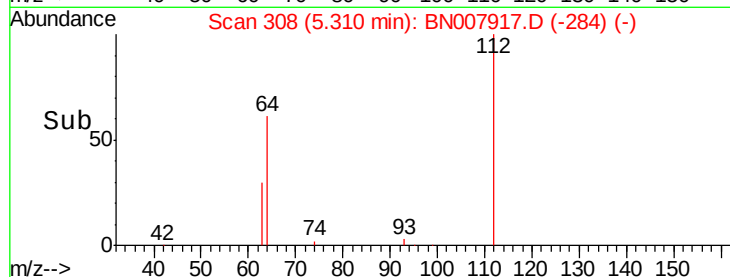
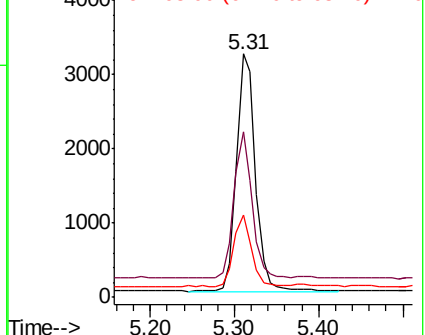
63 28.1 23.1 34.7



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: 0.206 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

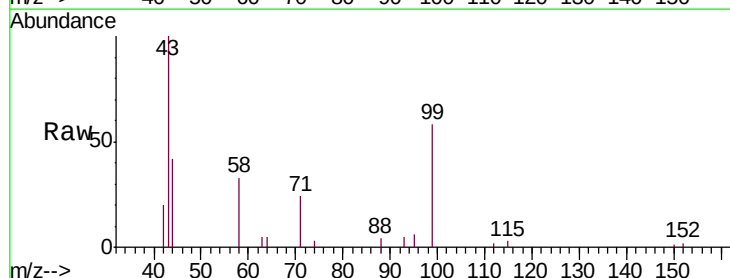
Tgt Ion: 99 Resp: 6426

Ion Ratio Lower Upper

99 100

42 22.9 12.8 19.2#

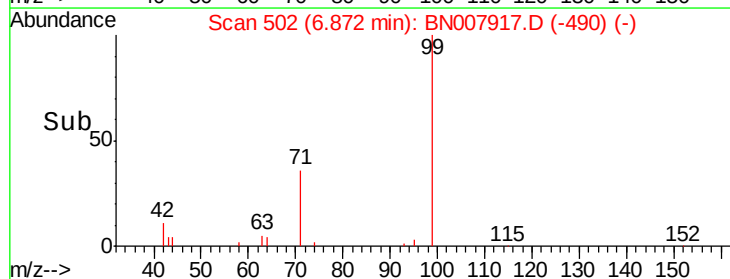
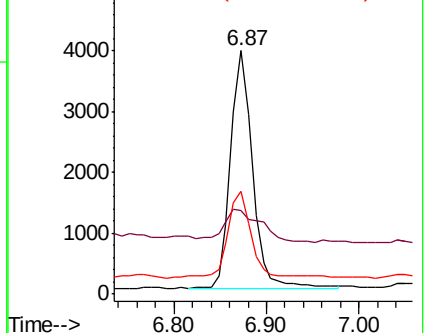
71 39.2 27.6 41.4

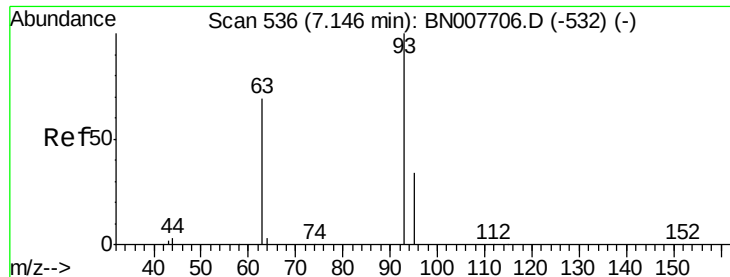


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.069 ng

RT: 7.15 min Scan# 536

Delta R.T. 0.00 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

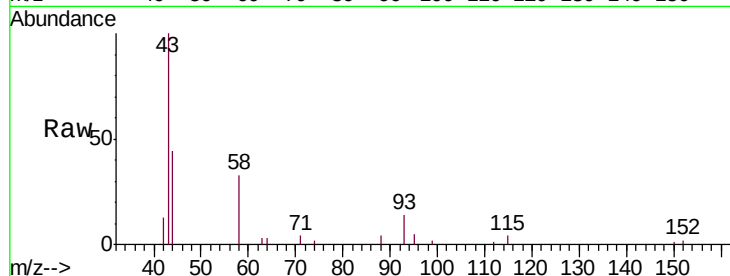
Tgt Ion: 93 Resp: 1392

Ion Ratio Lower Upper

93 100

63 4.9 59.3 88.9#

95 4.5 31.4 47.0#

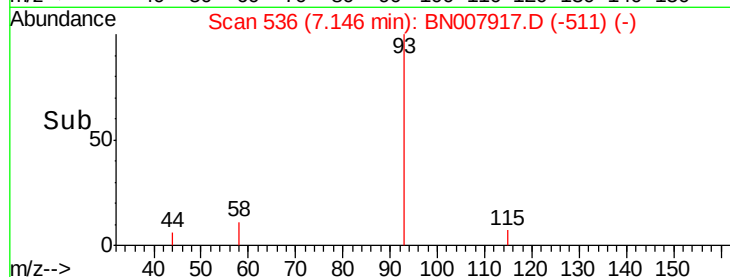


Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BN007706.D (-532) (-)

Ion 95.00 (94.70 to 95.70): BN007706.D (-532) (-)

Time-->

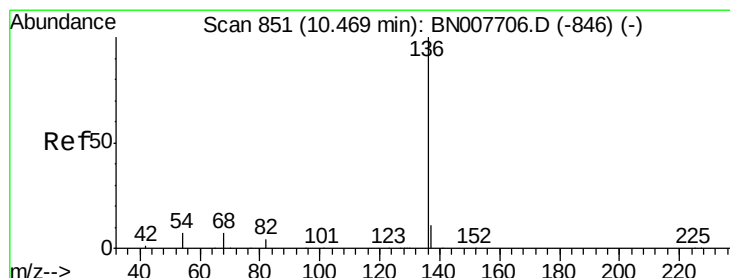


Abundance Ion 93.00 (92.70 to 93.70): BN007917.D (-511) (-)

Ion 63.00 (62.70 to 63.70): BN007917.D (-511) (-)

Ion 95.00 (94.70 to 95.70): BN007917.D (-511) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

Tgt Ion: 136 Resp: 26867

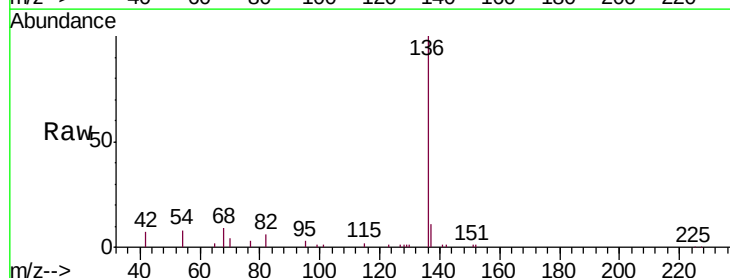
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 8.0 5.8 8.8

68 9.0 6.5 9.7



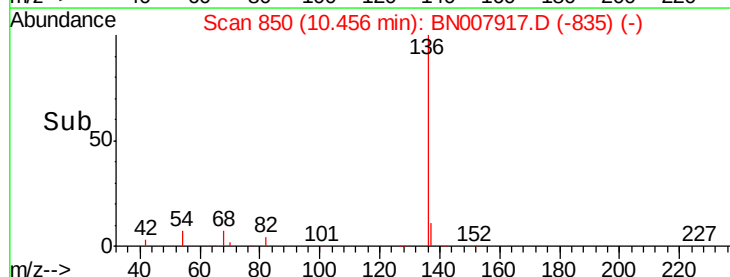
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

Ion 54.00 (53.70 to 54.70): BN007706.D (-846) (-)

Ion 68.00 (67.70 to 68.70): BN007706.D (-846) (-)

Time-->



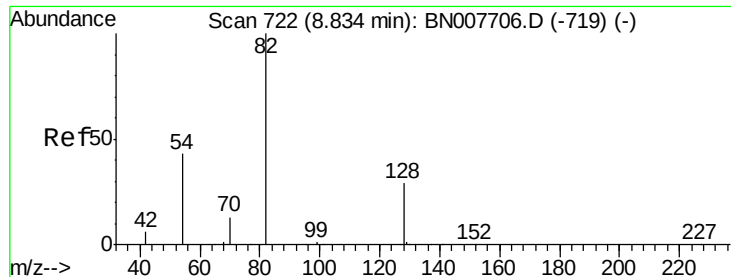
Abundance Ion 136.00 (135.70 to 136.70): BN007917.D (-835) (-)

Ion 137.00 (136.70 to 137.70): BN007917.D (-835) (-)

Ion 54.00 (53.70 to 54.70): BN007917.D (-835) (-)

Ion 68.00 (67.70 to 68.70): BN007917.D (-835) (-)

Time-->



#8

Nitrobenzene-d5

Concen: 0.242 ng

RT: 8.83 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

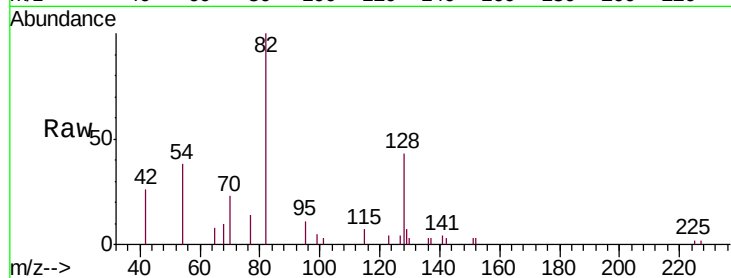
Tgt Ion: 82 Resp: 5693

Ion Ratio Lower Upper

82 100

128 43.5 24.5 36.7#

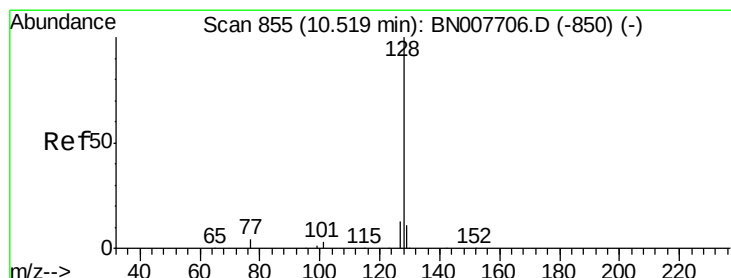
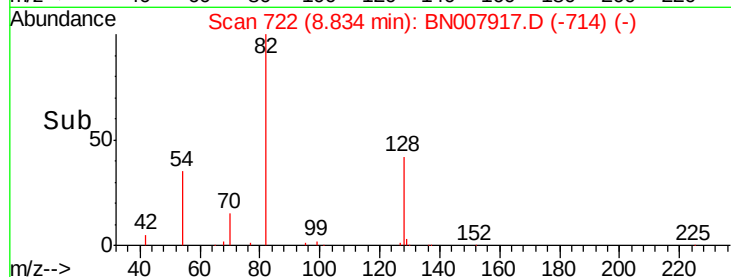
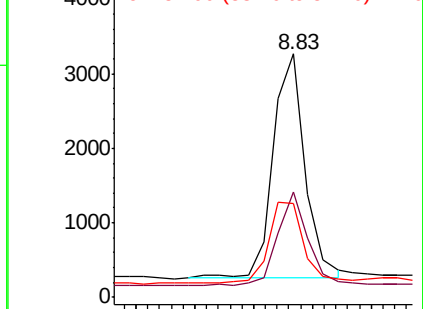
54 38.5 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN007917.D (-847) (-)

Ion 128.00 (127.70 to 128.70): BN007917.D (-847) (-)

Ion 54.00 (53.70 to 54.70): BN007917.D (-847) (-)



#9

Naphthalene

Concen: 0.093 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

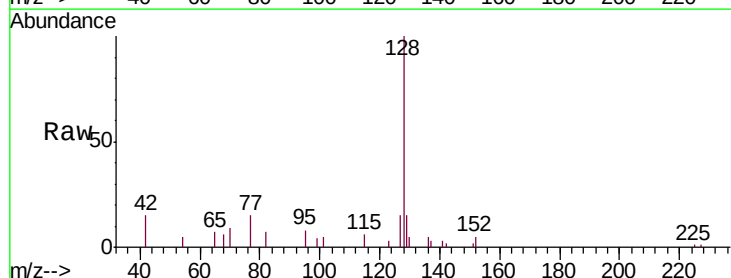
Tgt Ion: 128 Resp: 7015

Ion Ratio Lower Upper

128 100

129 14.7 9.1 13.7#

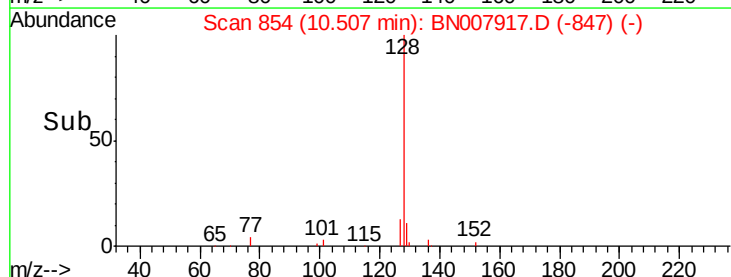
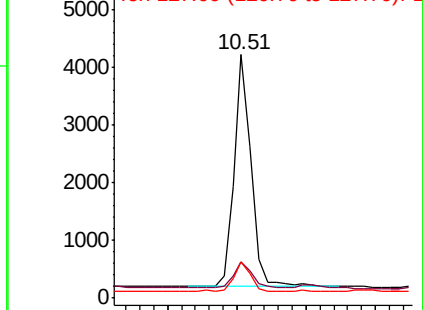
127 15.1 10.6 15.8

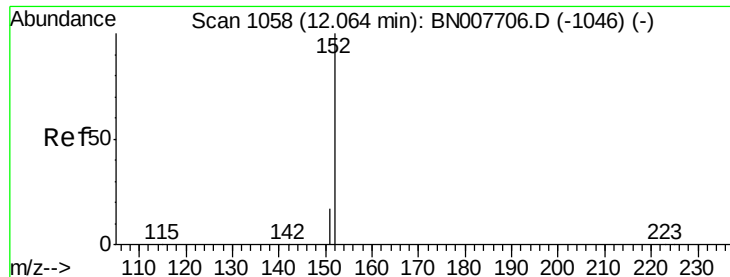


Abundance Ion 128.00 (127.70 to 128.70): BN007917.D (-847) (-)

Ion 129.00 (128.70 to 129.70): BN007917.D (-847) (-)

Ion 127.00 (126.70 to 127.70): BN007917.D (-847) (-)

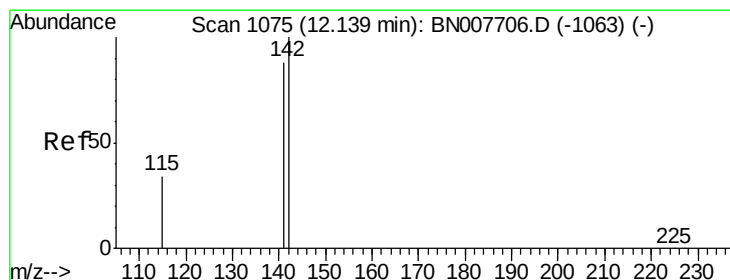
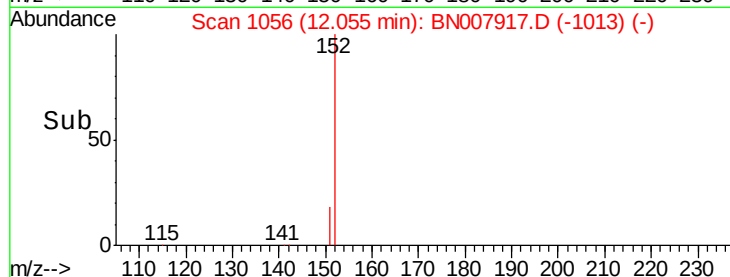
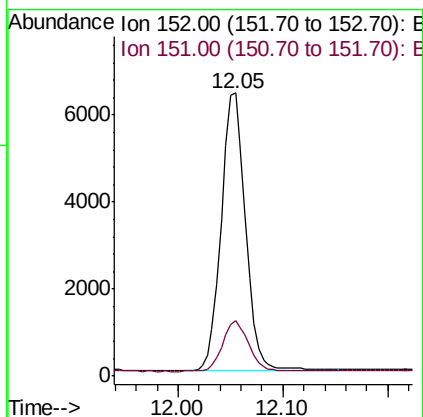
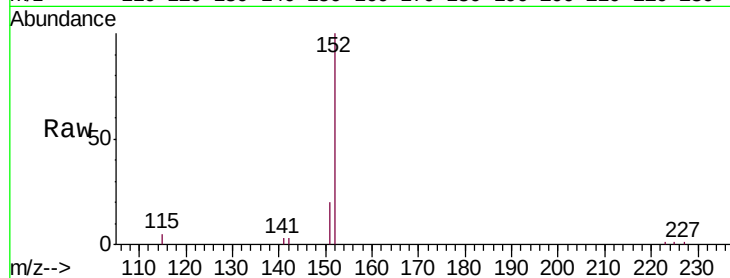




#11
 2-Methylnaphthalene-d10
 Concen: 0.227 ng
 RT: 12.05 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BN007917.D
 Acq: 01 Oct 2019 04:35

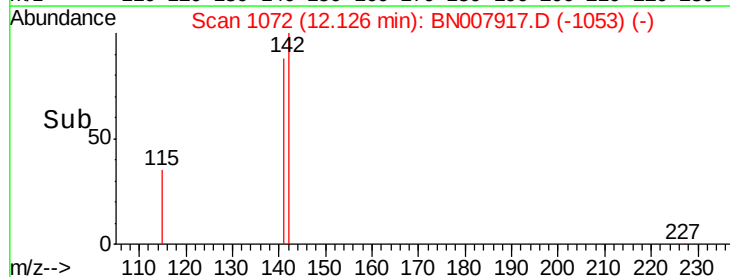
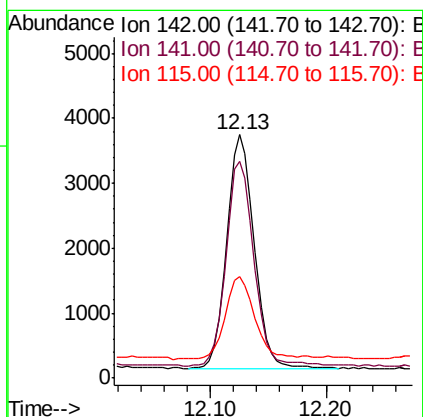
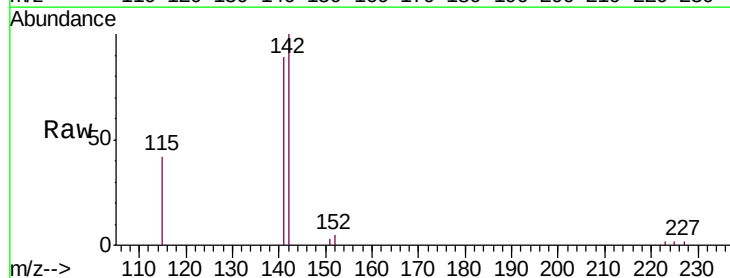
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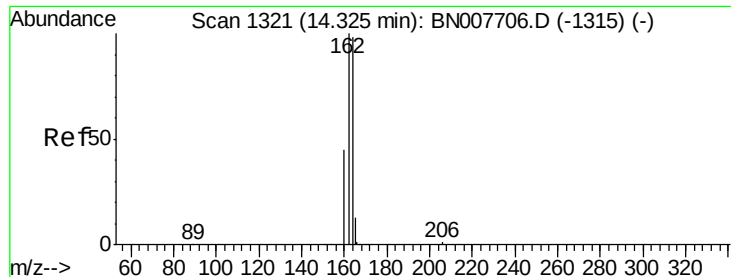
Tgt Ion:152 Resp: 10261
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.115 ng
 RT: 12.13 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BN007917.D
 Acq: 01 Oct 2019 04:35

Tgt Ion:142 Resp: 5846
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.6 106.0
 115 42.0 28.3 42.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

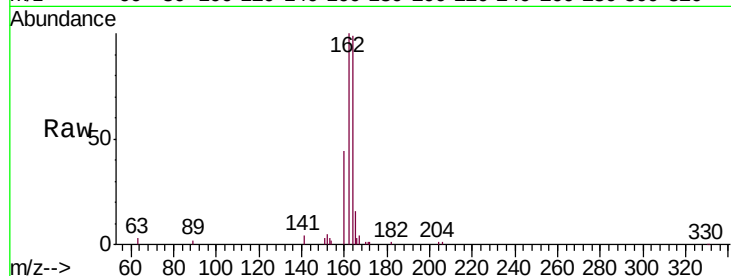
Tgt Ion:164 Resp: 15254

Ion Ratio Lower Upper

164 100

162 101.2 81.7 122.5

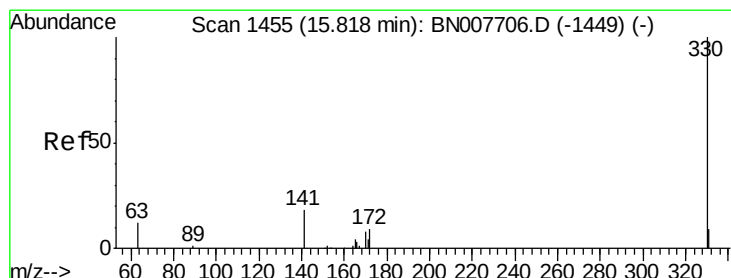
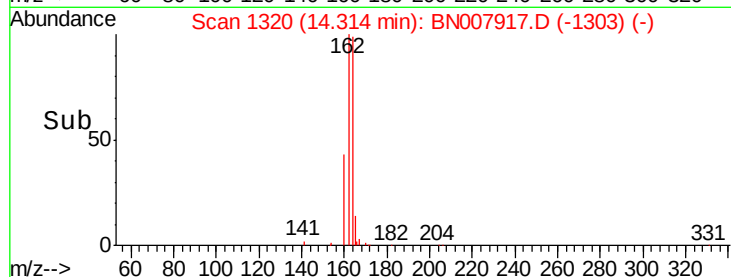
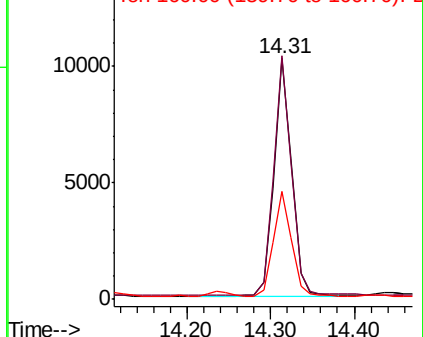
160 44.9 37.0 55.4



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: 0.213 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

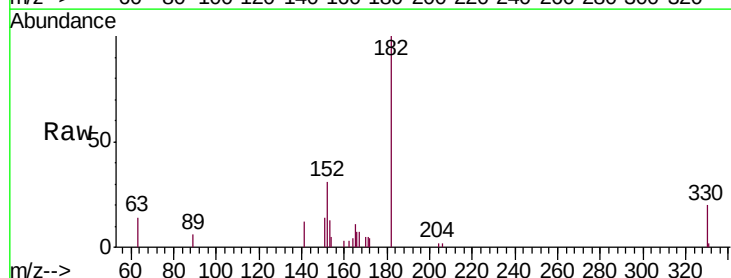
Tgt Ion:330 Resp: 1770

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

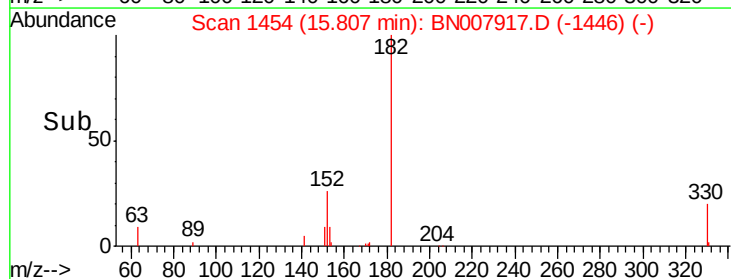
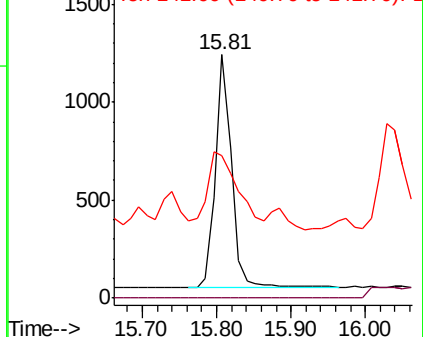
141 54.4 28.7 43.1#

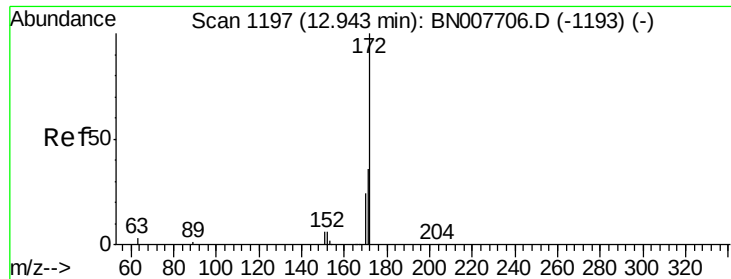


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

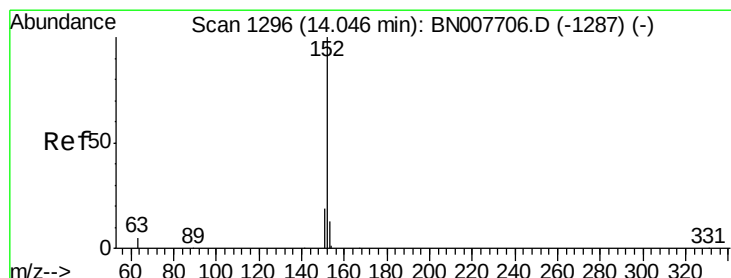
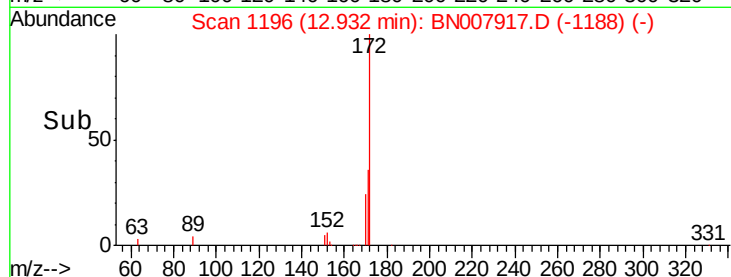
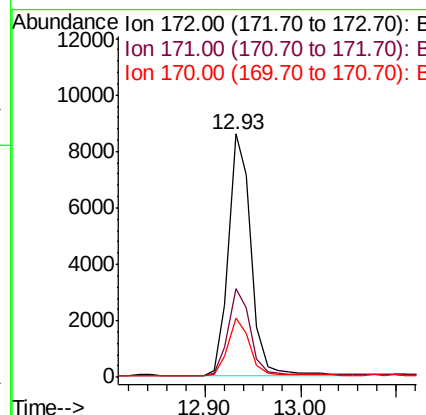
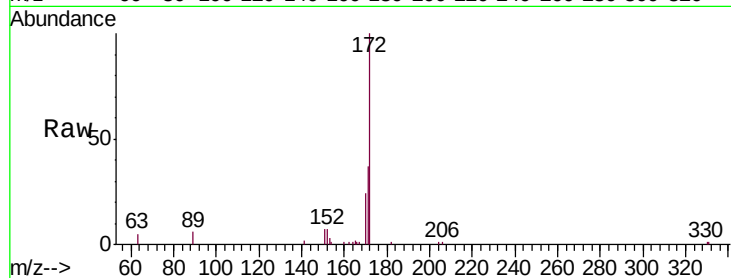




#15
2-Fluorobiphenyl
Concen: 0.222 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007917.D
Acq: 01 Oct 2019 04:35

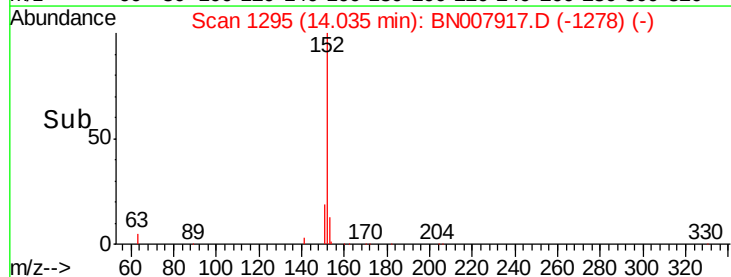
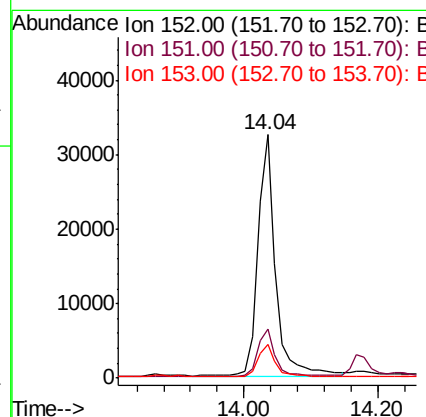
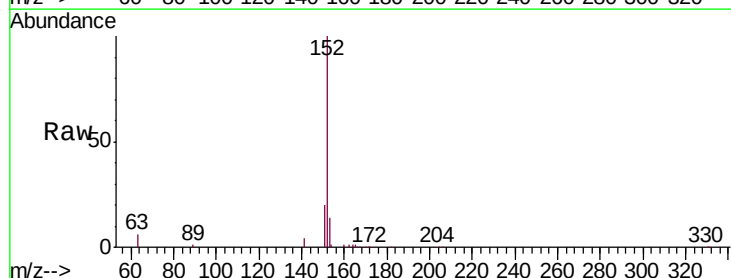
Instrument :
BNA_N
ClientSampleId :
EXT-024-SW072-092619

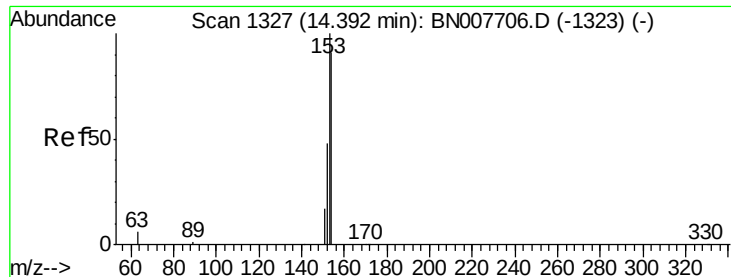
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.8	43.2
170	24.3	19.5	29.3



#16
Acenaphthylene
Concen: 0.738 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007917.D
Acq: 01 Oct 2019 04:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.2	10.4	15.6





#17

Acenaphthene

Concen: 0.619 ng

RT: 14.38 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

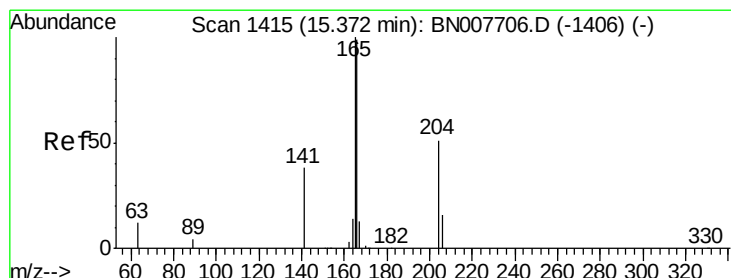
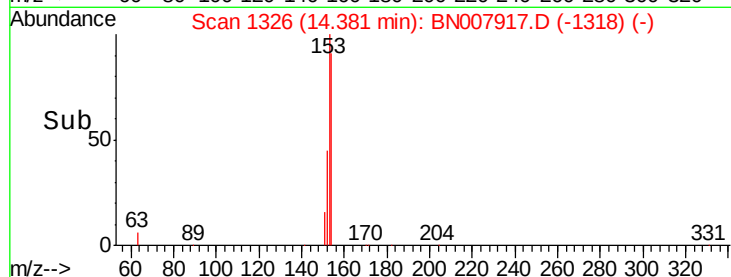
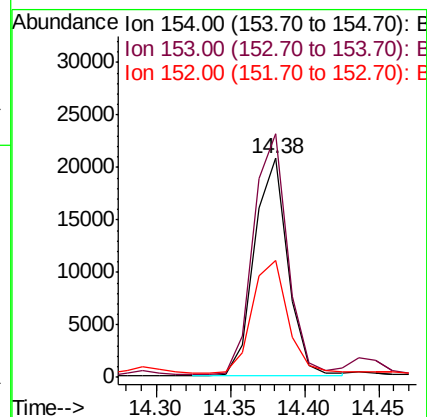
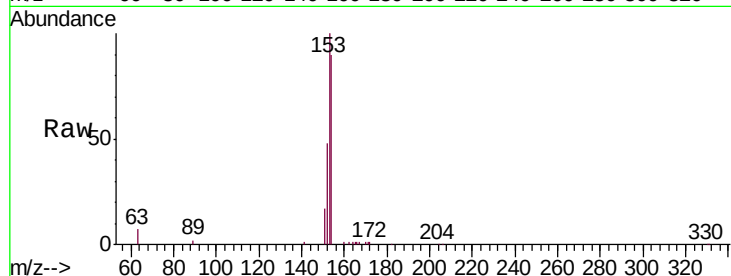
Tgt Ion:154 Resp: 32270

Ion Ratio Lower Upper

154 100

153 113.4 87.0 130.4

152 56.3 42.7 64.1



#18

Fluorene

Concen: 0.691 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

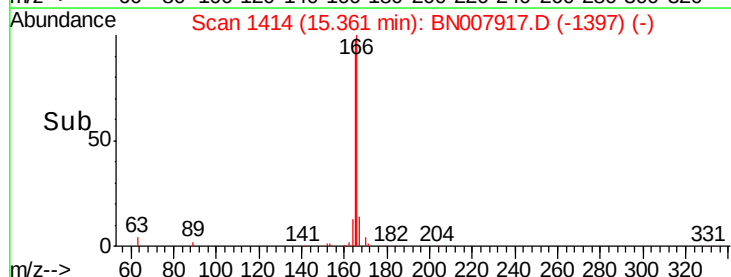
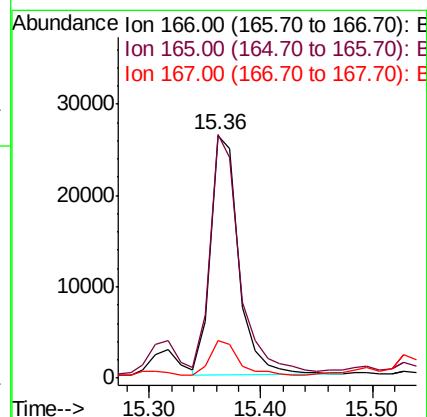
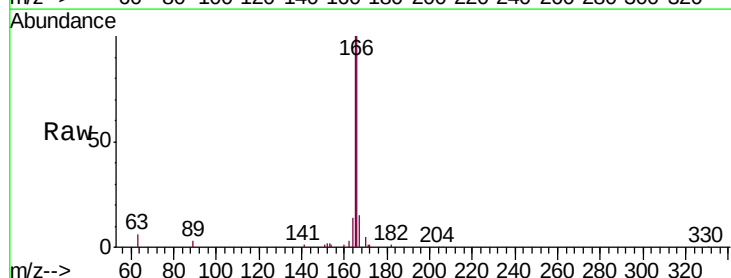
Tgt Ion:166 Resp: 46213

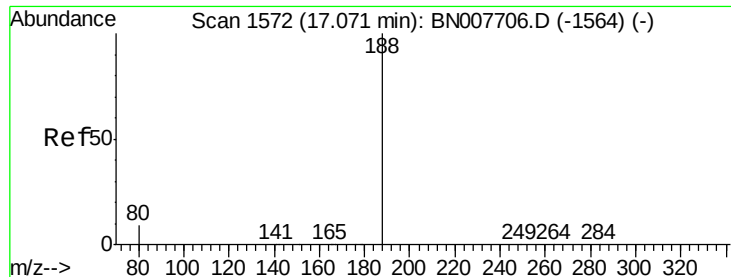
Ion Ratio Lower Upper

166 100

165 101.3 78.0 117.0

167 15.0 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

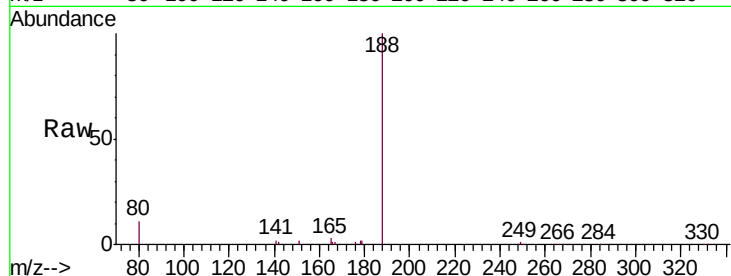
Tgt Ion:188 Resp: 30751

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

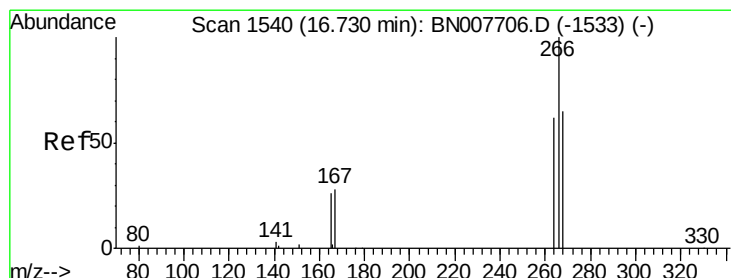
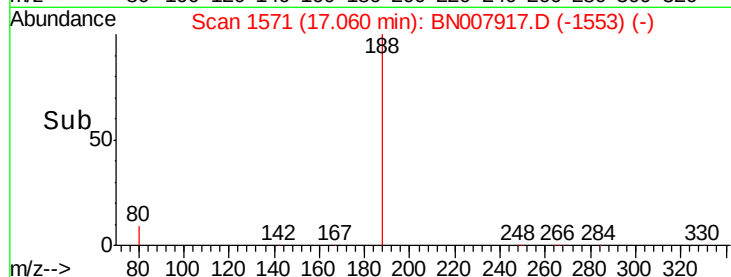
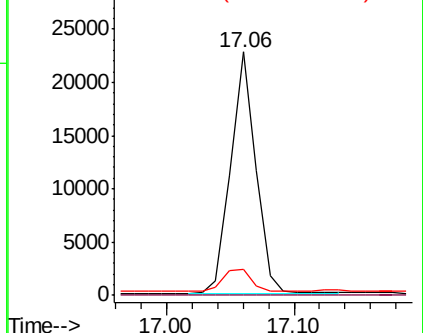
80 10.8 7.4 11.2



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: 0.030 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

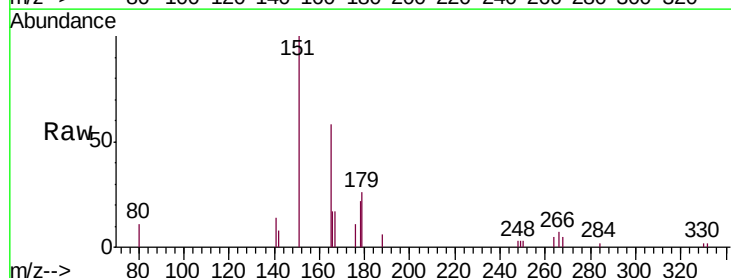
Tgt Ion:266 Resp: 223

Ion Ratio Lower Upper

266 100

264 76.2 50.0 75.0#

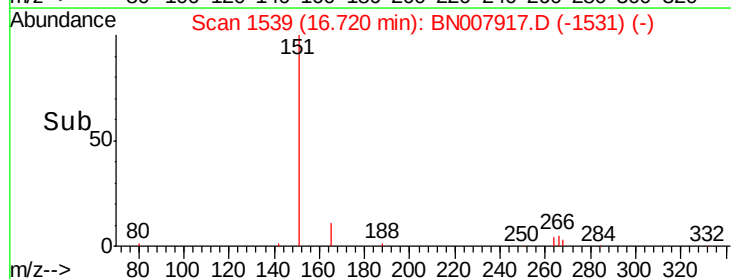
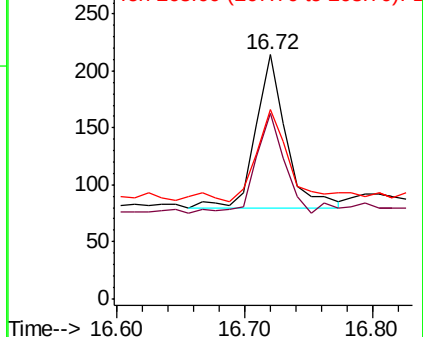
268 77.6 54.2 81.4

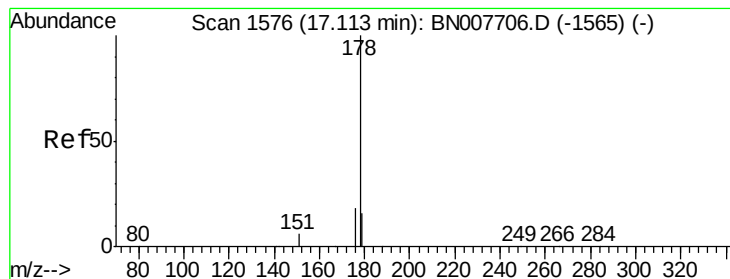


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 9.382 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

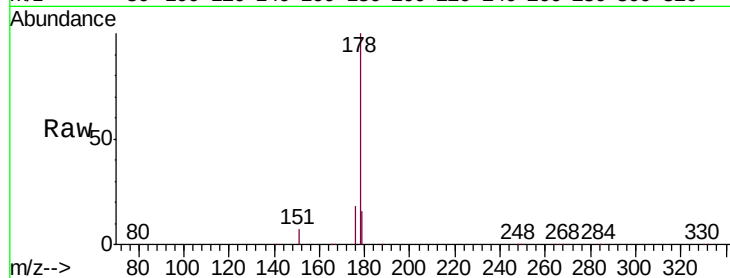
Tgt Ion:178 Resp: 898750

Ion Ratio Lower Upper

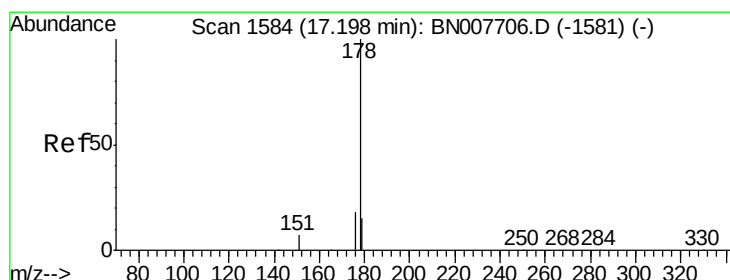
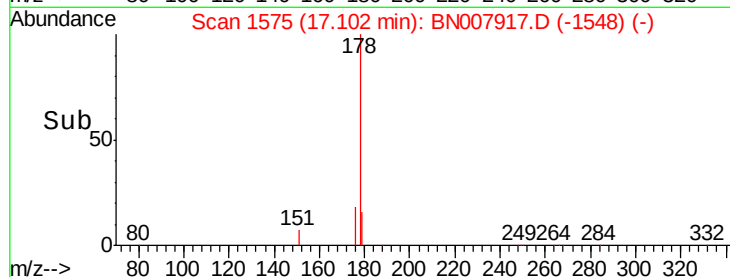
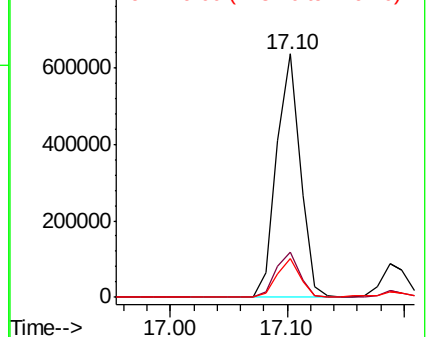
178 100

176 18.6 14.9 22.3

179 15.6 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: 1.507 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

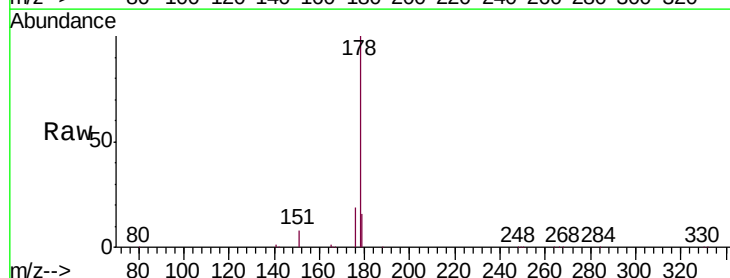
Tgt Ion:178 Resp: 130387

Ion Ratio Lower Upper

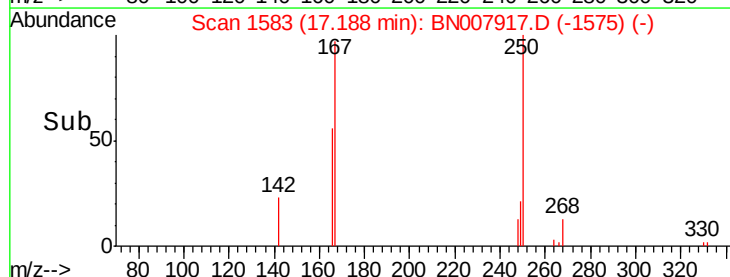
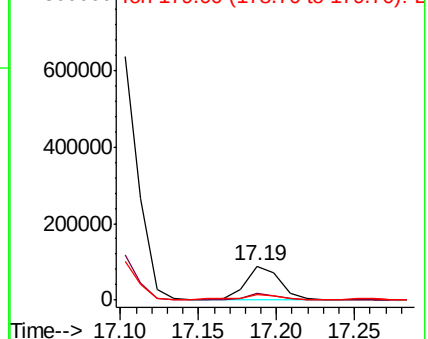
178 100

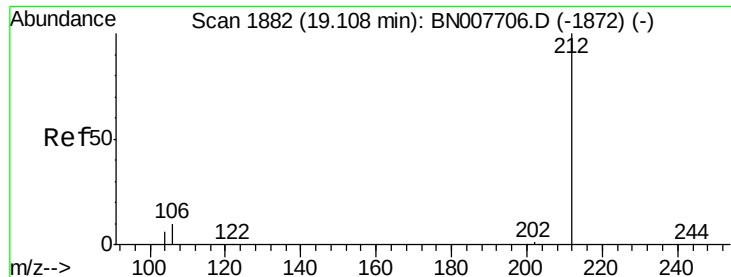
176 18.1 14.6 21.8

179 18.0 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: 0.241 ng

RT: 19.10 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

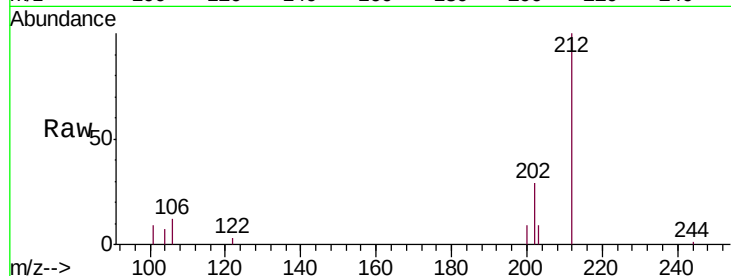
Tgt Ion:212 Resp: 25027

Ion Ratio Lower Upper

212 100

106 11.5 9.4 14.0

104 7.4 5.3 7.9

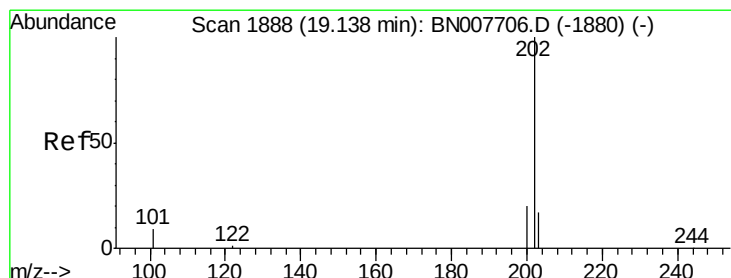
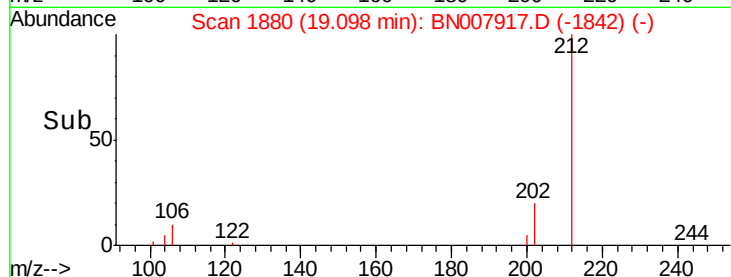
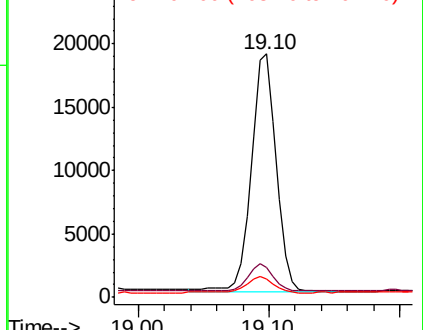


Abundance

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: 11.444 ng

RT: 19.13 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

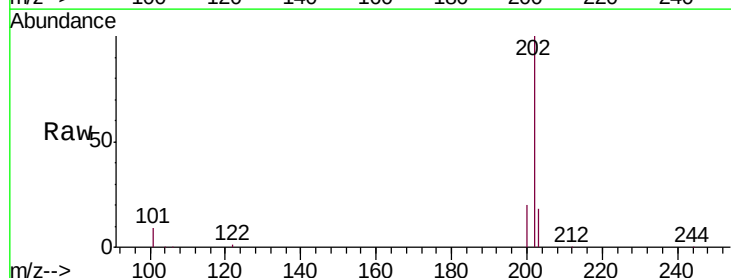
Tgt Ion:202 Resp: 1363163

Ion Ratio Lower Upper

202 100

101 10.4 8.4 12.6

203 17.7 13.8 20.8

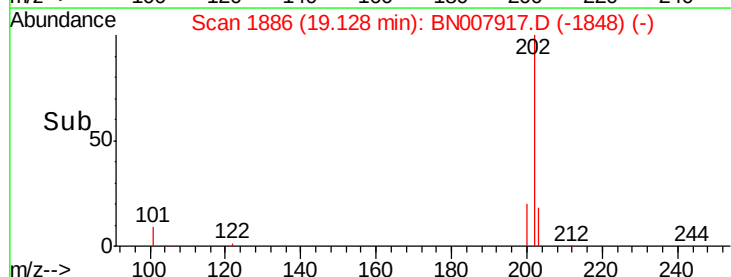
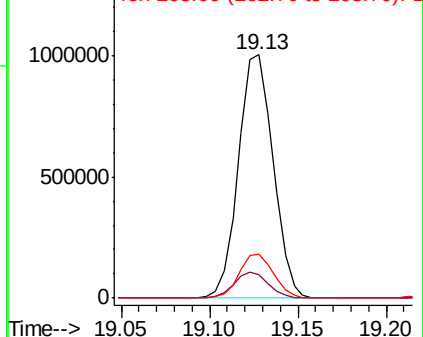


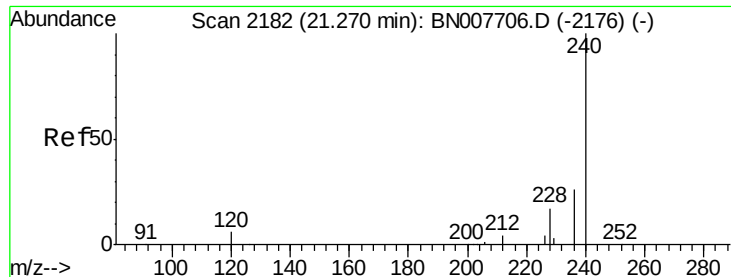
Abundance

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: 21.26 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

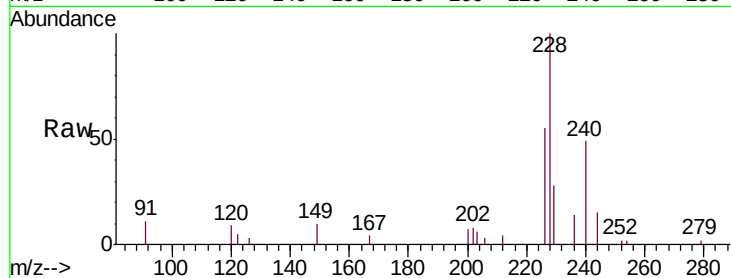
Tgt Ion:240 Resp: 34955

Ion Ratio Lower Upper

240 100

120 17.7 5.4 8.2#

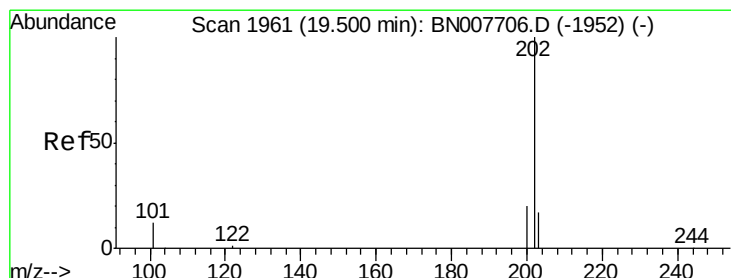
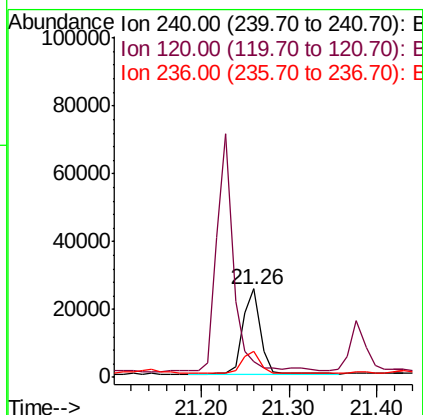
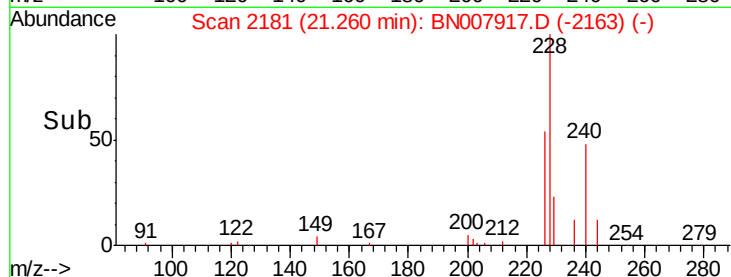
236 29.2 21.0 31.4



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: 9.652 ng

RT: 19.49 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

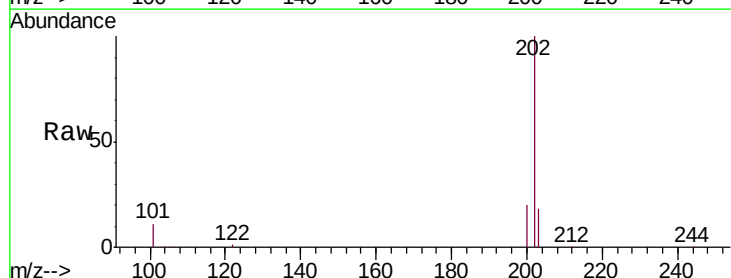
Tgt Ion:202 Resp: 1150711

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

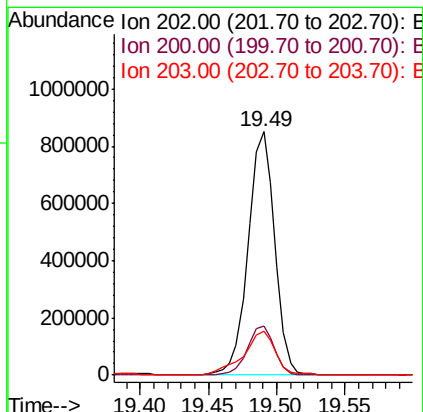
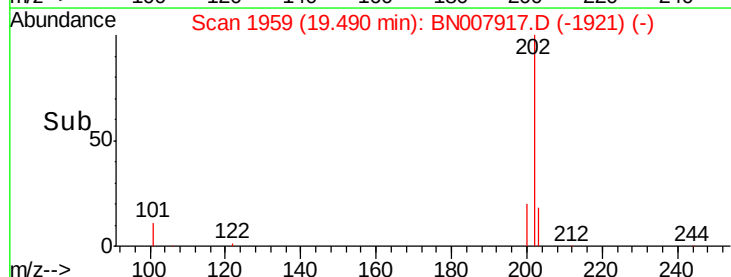
203 21.4 14.1 21.1#

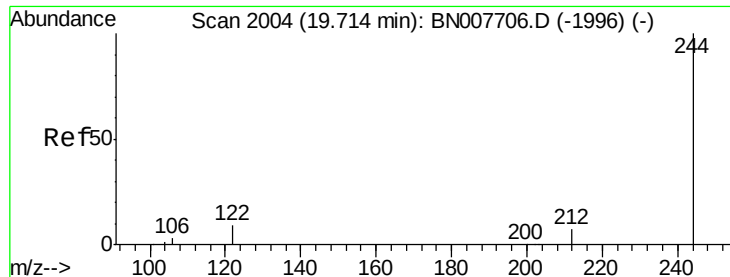


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.242 ng

RT: 19.70 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

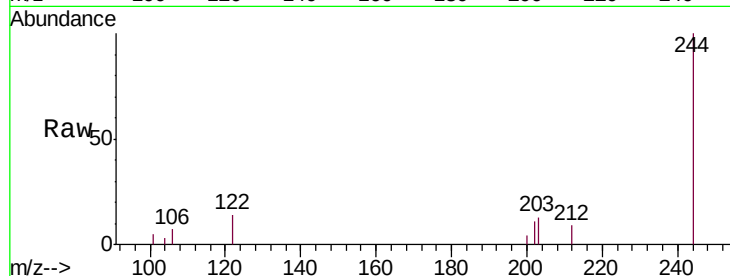
Tgt Ion:244 Resp: 20785

Ion Ratio Lower Upper

244 100

212 9.1 5.9 8.9#

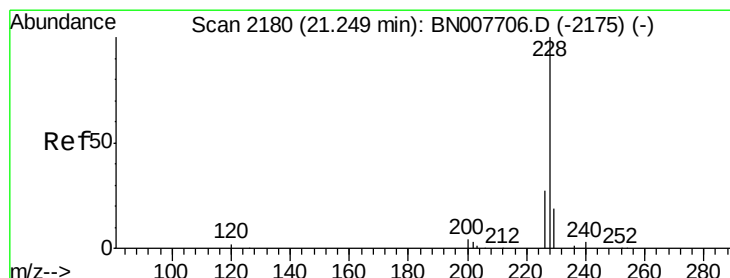
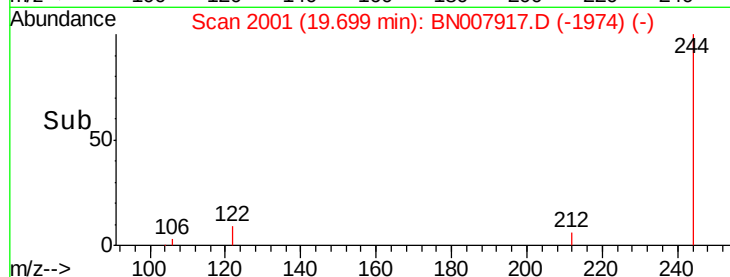
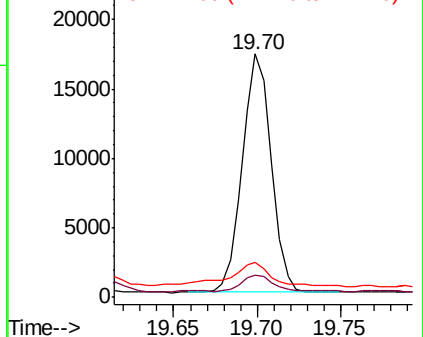
122 14.3 7.4 11.2#



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: 4.015 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

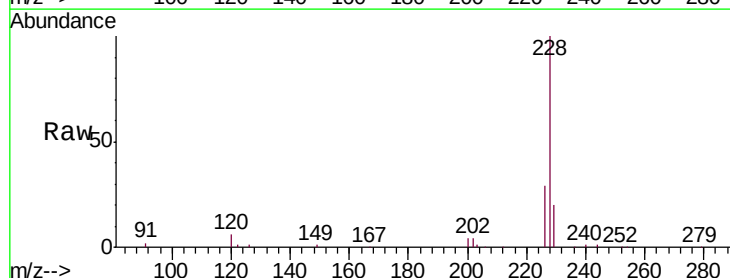
Tgt Ion:228 Resp: 516811

Ion Ratio Lower Upper

228 100

226 28.7 22.1 33.1

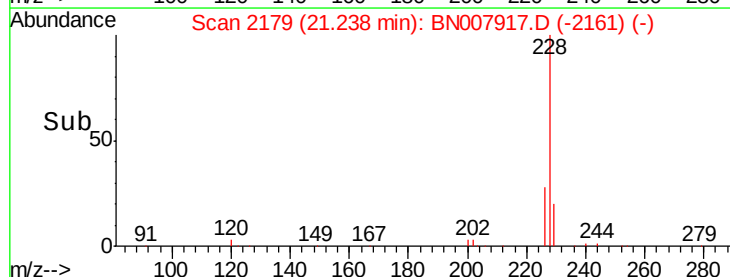
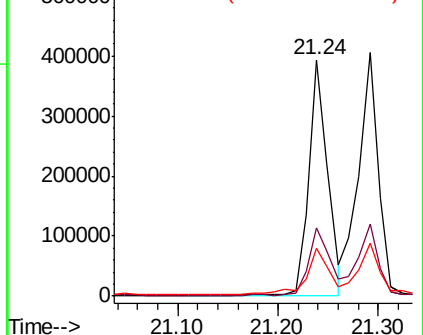
229 20.4 15.8 23.6

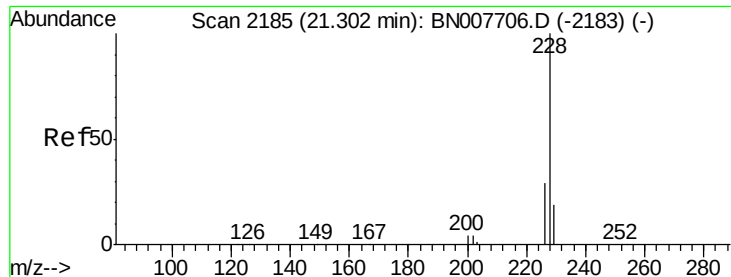


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 4.430 ng

RT: 21.29 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

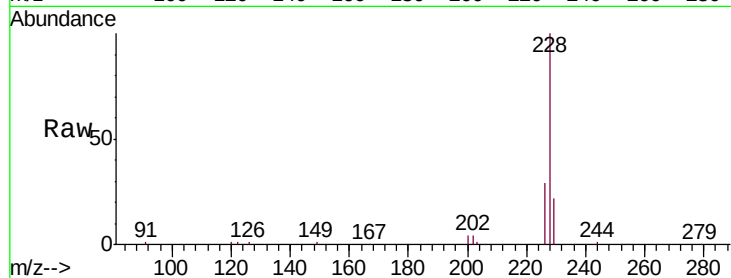
Tgt Ion:228 Resp: 555752

Ion Ratio Lower Upper

228 100

226 29.4 23.9 35.9

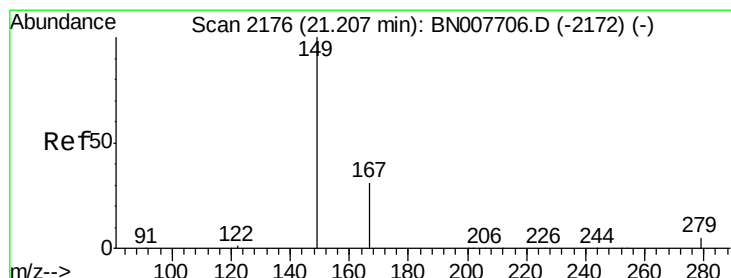
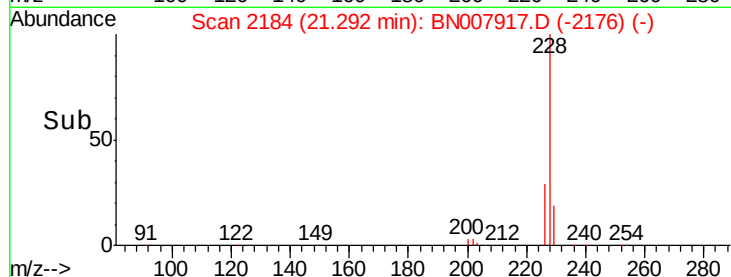
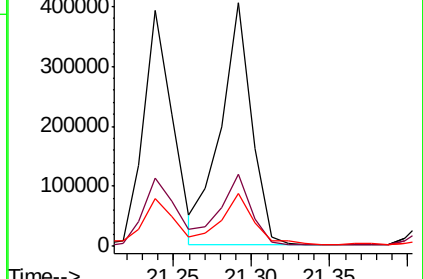
229 21.9 15.8 23.6



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: 0.645 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

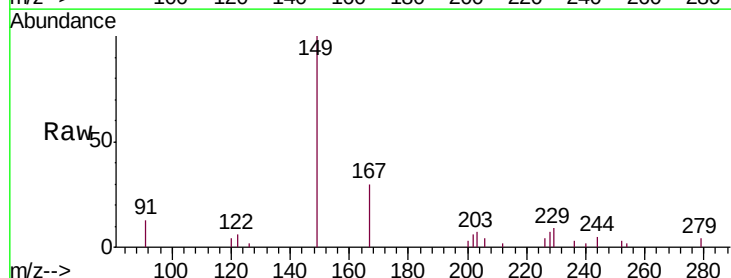
Tgt Ion:149 Resp: 42683

Ion Ratio Lower Upper

149 100

167 29.7 23.7 35.5

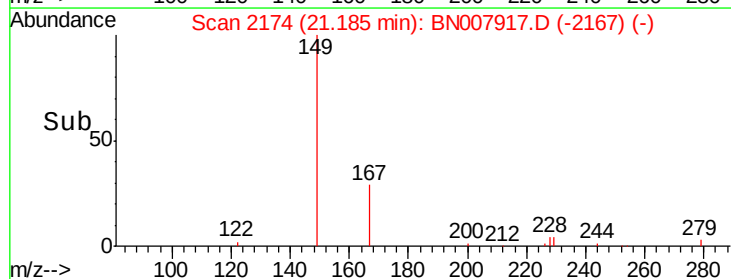
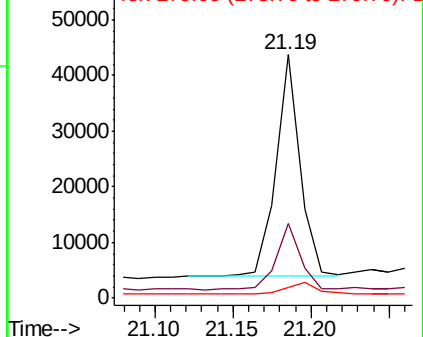
279 5.9 4.2 6.2

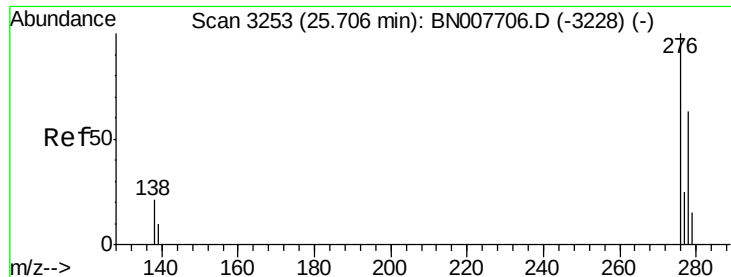


Abundance Ion 149.00 (148.70 to 149.70): E

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: 2.242 ng

RT: 25.69 min Scan# 3247

Delta R.T. -0.02 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

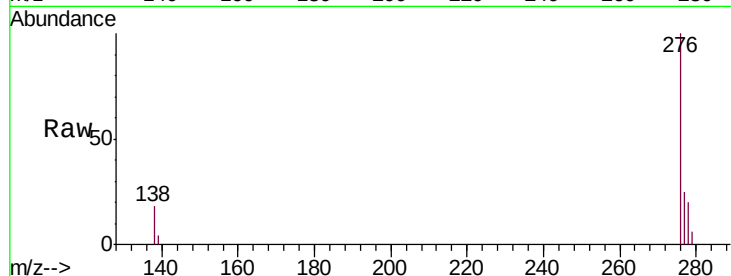
Tgt Ion:276 Resp: 352190

Ion Ratio Lower Upper

276 100

138 17.5 17.1 25.7

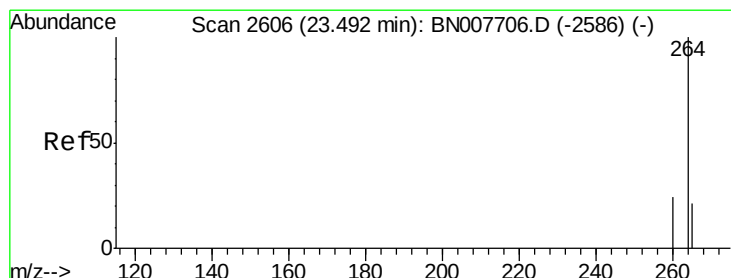
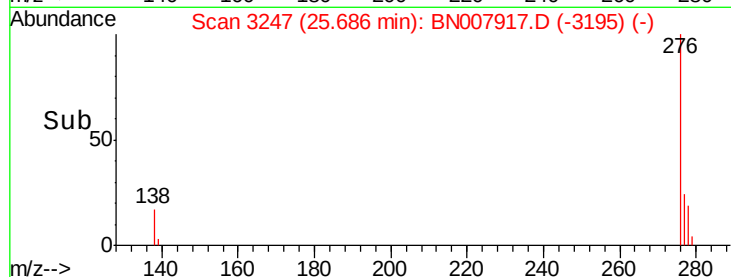
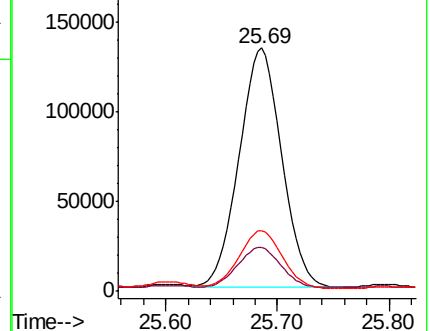
277 24.6 20.0 30.0



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# 2601

Delta R.T. -0.02 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

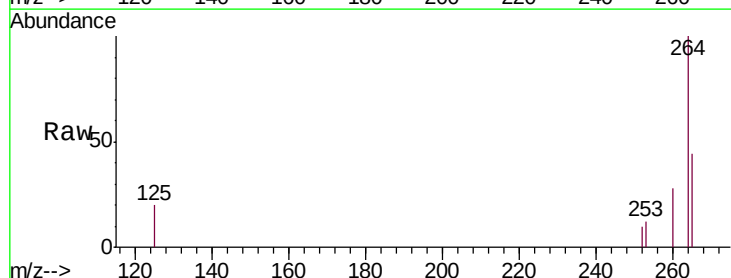
Tgt Ion:264 Resp: 40023

Ion Ratio Lower Upper

264 100

260 27.7 19.3 28.9

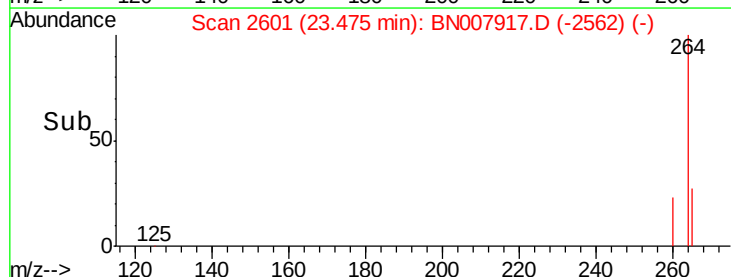
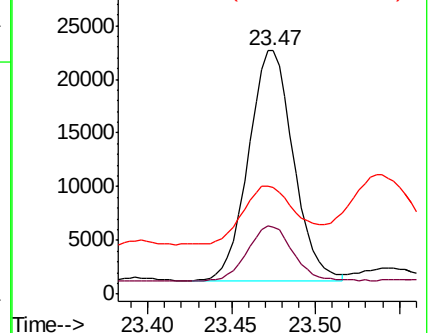
265 43.8 26.9 40.3#

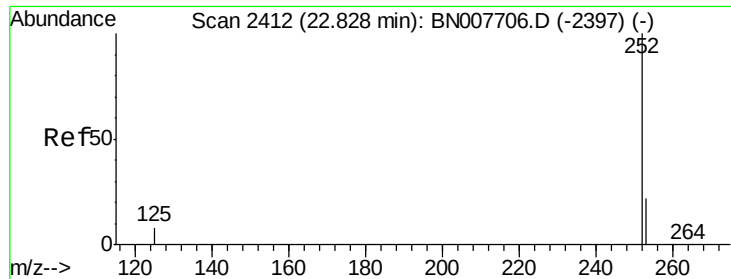


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 5.009 ng

RT: 22.81 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

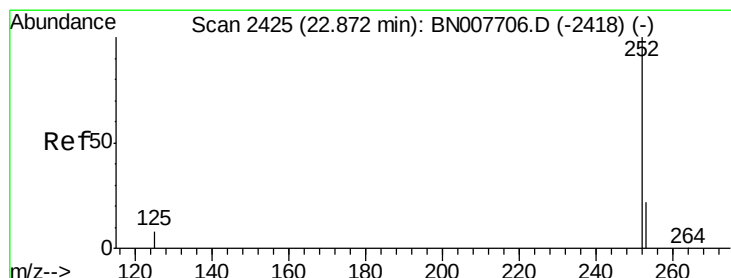
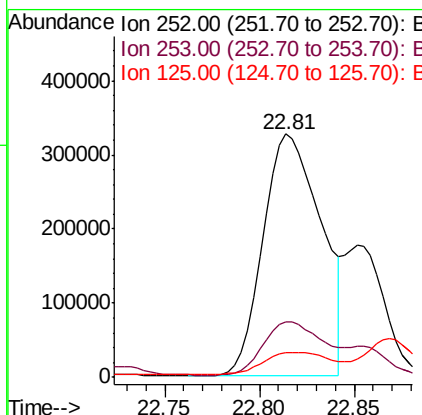
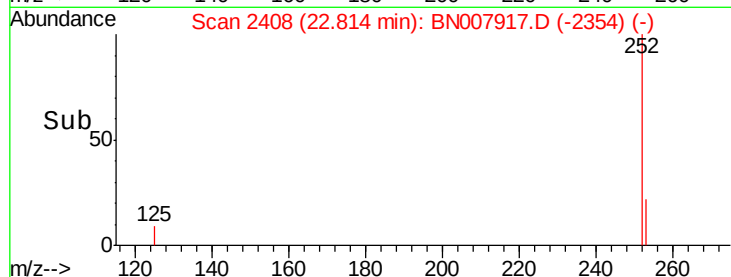
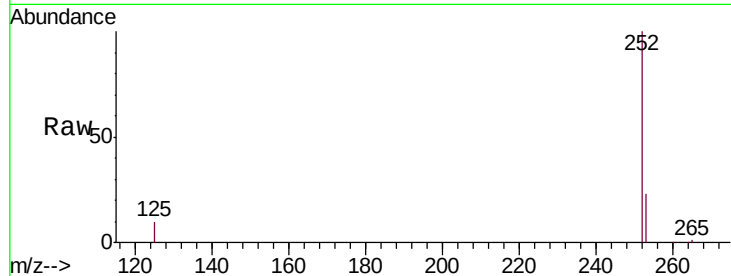
Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

Tgt Ion:	252	Resp:	696006
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.3	27.5
125	10.1	8.2	12.4



#36

Benzo(k)fluoranthene

Concen: 5.066 ng

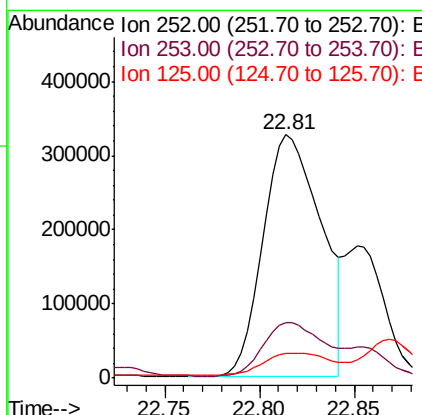
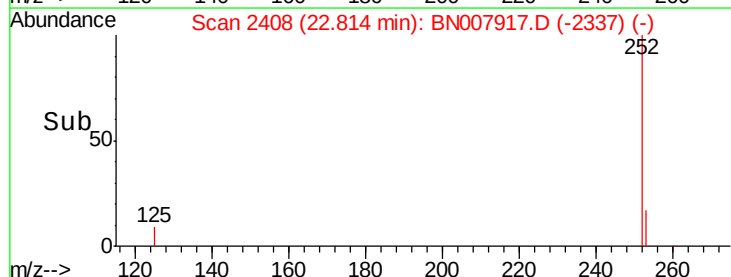
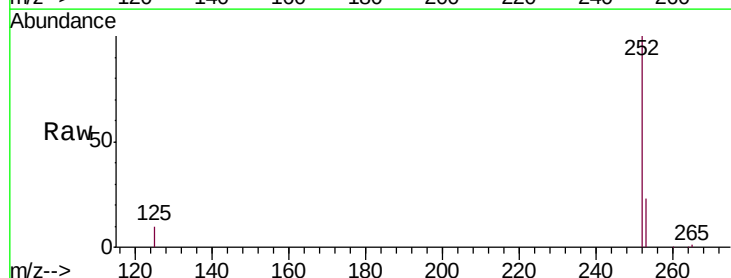
RT: 22.81 min Scan# 2408

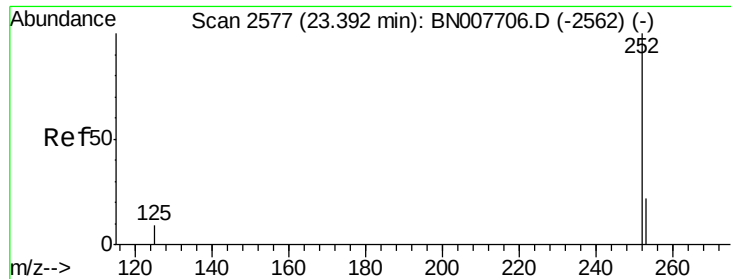
Delta R.T. -0.06 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

Tgt Ion:	252	Resp:	696006
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.5	27.7
125	10.1	8.4	12.6





#37

Benzo(a)pyrene

Concen: 3.588 ng

RT: 23.38 min Scan# 2572

Delta R.T. -0.02 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619

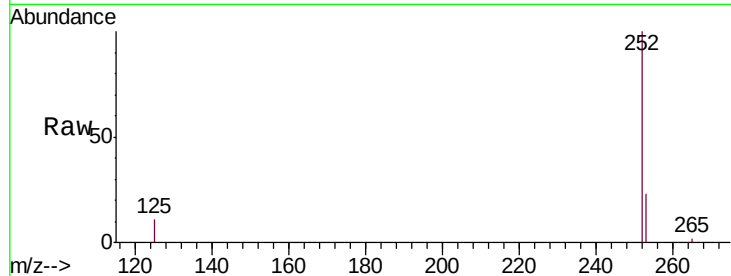
Tgt Ion:252 Resp: 468455

Ion Ratio Lower Upper

252 100

253 22.8 18.6 27.8

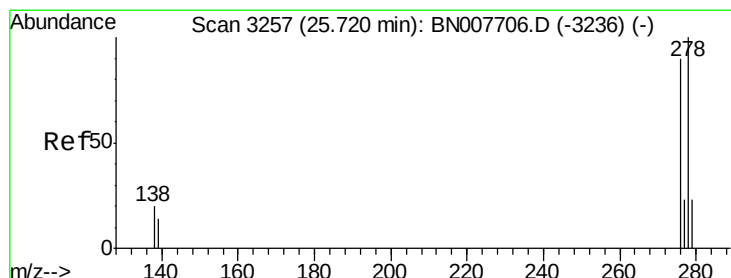
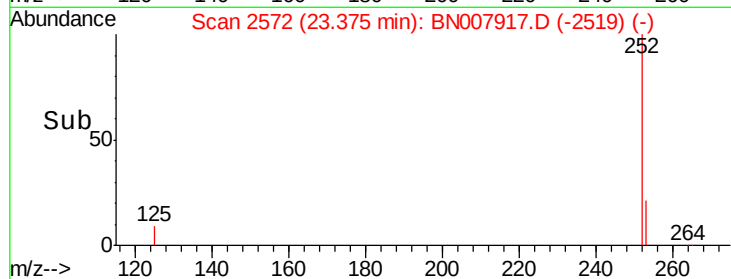
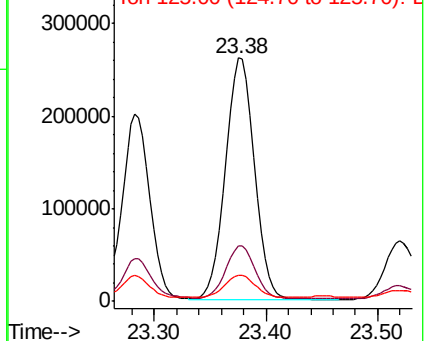
125 10.9 9.4 14.0



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: 0.623 ng

RT: 25.69 min Scan# 3248

Delta R.T. -0.03 min

Lab File: BN007917.D

Acq: 01 Oct 2019 04:35

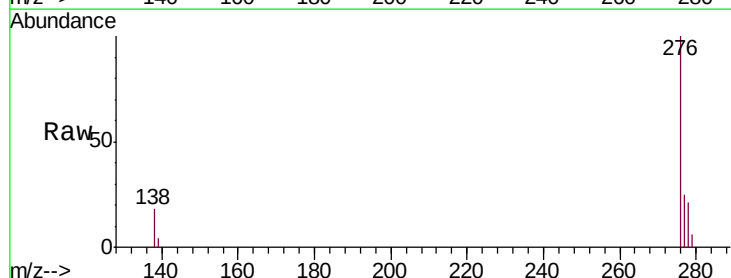
Tgt Ion:278 Resp: 83242

Ion Ratio Lower Upper

278 100

139 19.8 11.8 17.6#

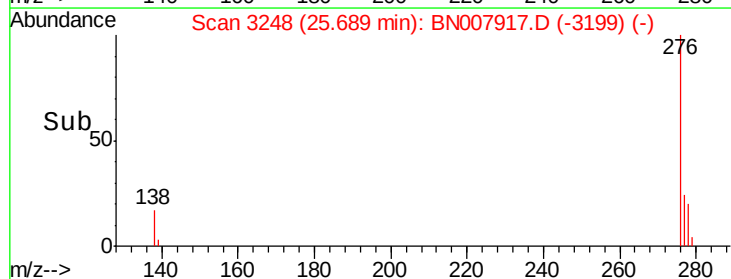
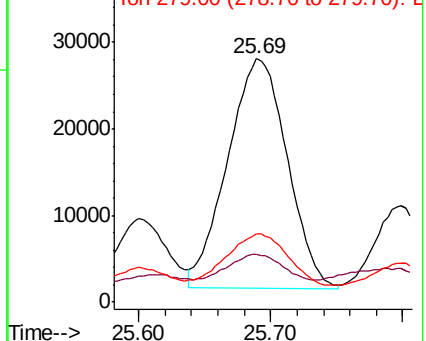
279 27.9 19.4 29.2

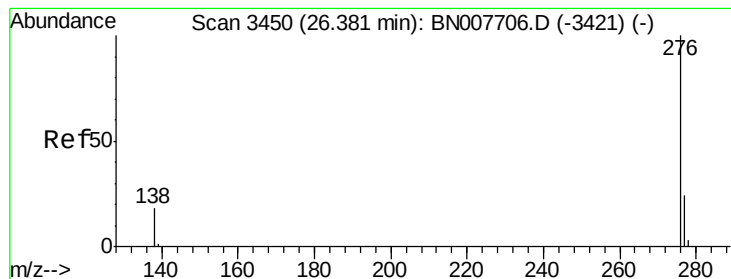


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 2.640 ng

RT: 26.36 min Scan# 3443

Delta R.T. -0.02 min

Lab File: BN007917.D

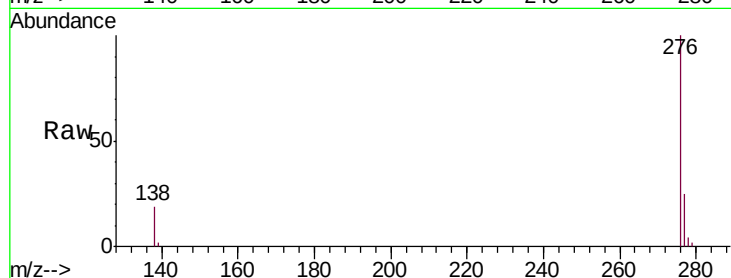
Acq: 01 Oct 2019 04:35

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW072-092619



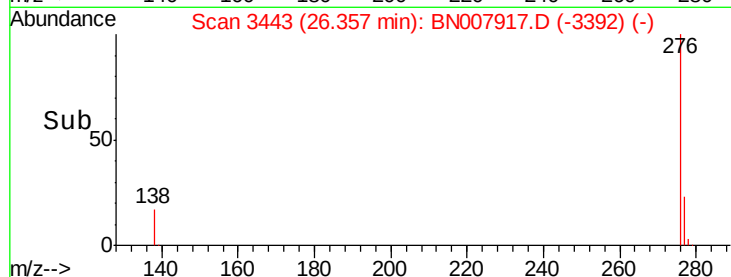
Tgt Ion: 276 Resp: 349025

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.8

138 18.6 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

