

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100519\
 Data File : BN008035.D
 Acq On : 05 Oct 2019 20:38
 Operator : JU
 Sample : K5078-09RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EXT-024-SW073-092519

Quant Time: Oct 07 00:16:12 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	4367	0.40	ng	-0.02
7) Naphthalene-d8	10.44	136	17447	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	11036	0.40	ng	-0.02
19) Phenanthrene-d10	17.05	188	22434	0.40	ng	-0.02
27) Chrysene-d12	21.25	240	23391	0.40	ng	-0.02
34) Perylene-d12	23.46	264	26302	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.31	112	3437	0.23	ng	0.00
5) Phenol-d6	6.87	99	4294	0.23	ng	0.00
8) Nitrobenzene-d5	8.82	82	4134	0.27	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	7943	0.27	ng	-0.02
14) 2,4,6-Tribromophenol	15.81	330	1622	0.27	ng	-0.01
15) 2-Fluorobiphenyl	12.92	172	10558	0.23	ng	-0.02
25) Fluoranthene-d10	19.09	212	19577	0.26	ng	-0.02
29) Terphenyl-d14	19.69	244	15791	0.27	ng	-0.02

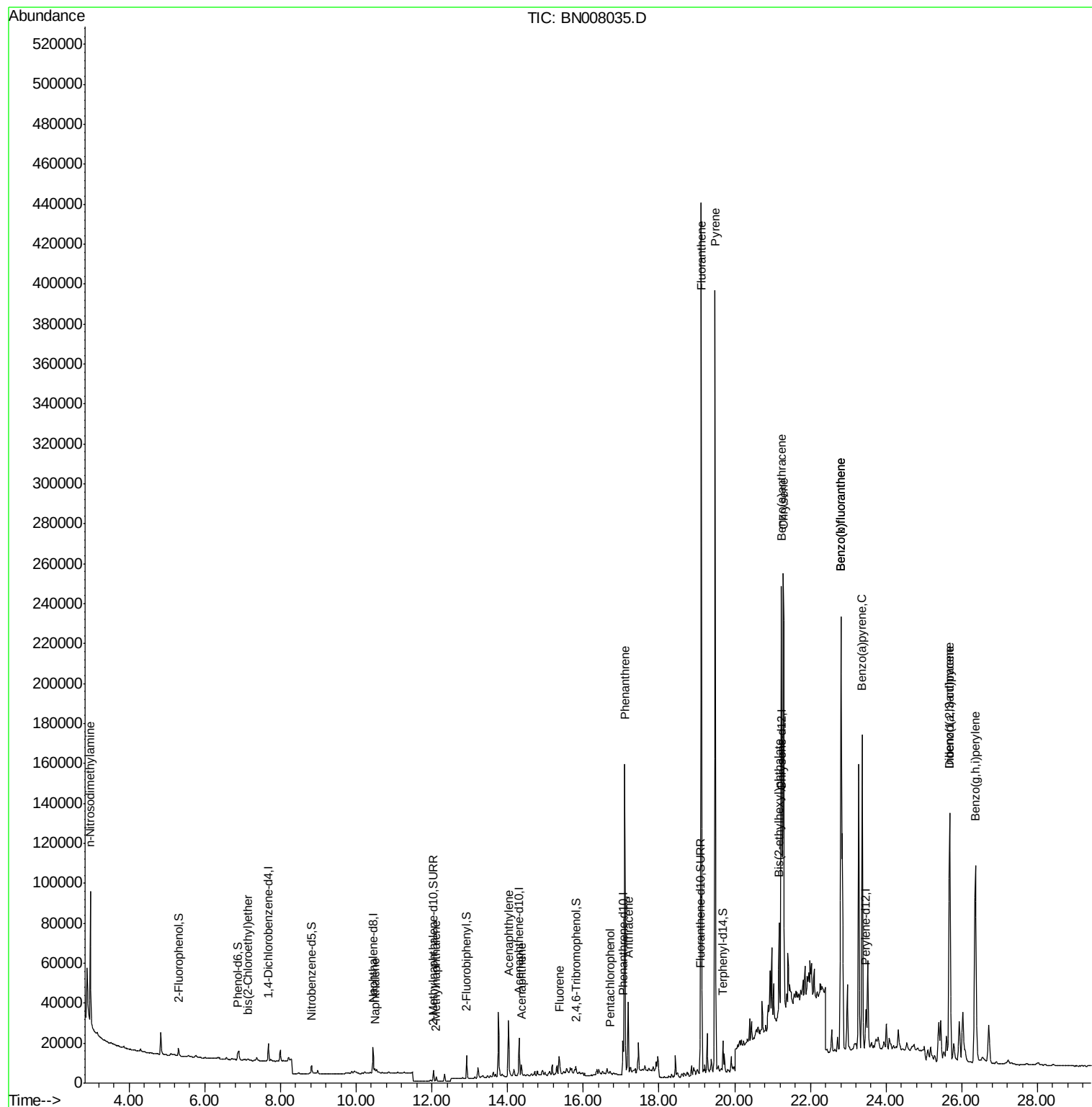
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	2.97	42	7389	3.314	ng	82
6) bis(2-Chloroethyl)ether	7.12	93	720	0.058	ng	# 28
9) Naphthalene	10.49	128	2570	0.052	ng	# 81
12) 2-Methylnaphthalene	12.11	142	1844	0.056	ng	# 88
16) Acenaphthylene	14.02	152	36319	0.621	ng	99
17) Acenaphthene	14.37	154	3408	0.090	ng	99
18) Fluorene	15.36	166	8009	0.166	ng	# 88
22) Pentachlorophenol	16.72	266	151	0.028	ng	# 80
23) Phenanthrene	17.09	178	153606	2.198	ng	100
24) Anthracene	17.19	178	39723	0.629	ng	# 96
26) Fluoranthene	19.12	202	383006	4.407	ng	99
28) Pyrene	19.48	202	350728	4.396	ng	# 96
30) Benzo(a)anthracene	21.24	228	215167	2.498	ng	93
31) Chrysene	21.28	228	215333	2.565	ng	96
32) Bis(2-ethylhexyl)phthalate	21.17	149	37146	0.838	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	194824	1.854	ng	# 95
35) Benzo(b)fluoranthene	22.81	252	341241	3.737	ng	96
36) Benzo(k)fluoranthene	22.81	252	341241	3.779	ng	96
37) Benzo(a)pyrene	23.37	252	216601	2.524	ng	98
38) Dibenzo(a,h)anthracene	25.68	278	47984	0.547	ng	# 80
39) Benzo(g,h,i)perylene	26.36	276	205789	2.369	ng	99

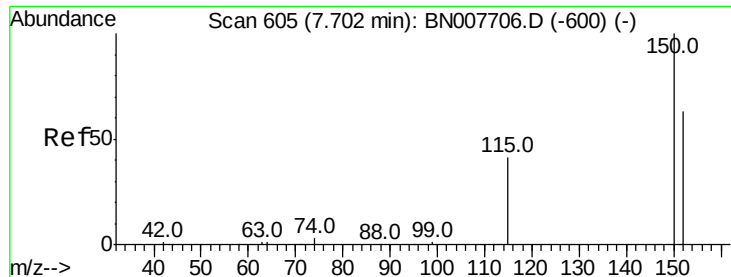
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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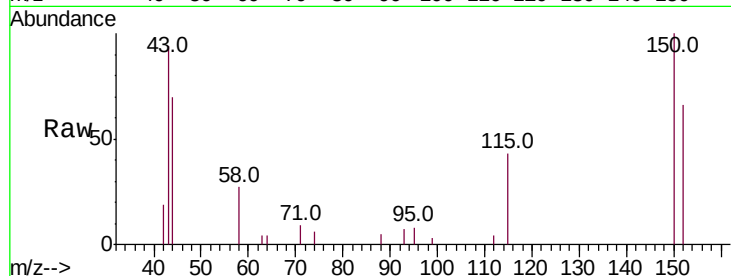


#1

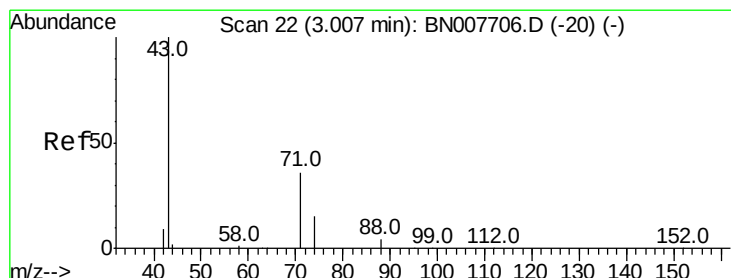
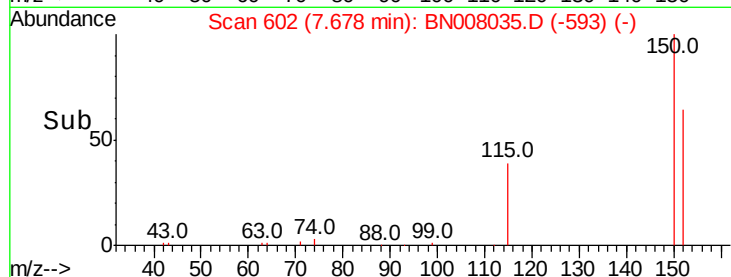
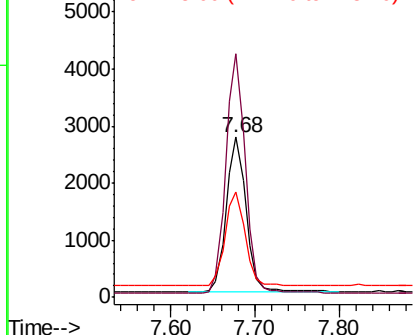
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

Tot Ion:152 Resp: 4367
Ion Ratio Lower Upper
152 100
150 152.2 125.6 188.4
115 65.9 53.3 79.9



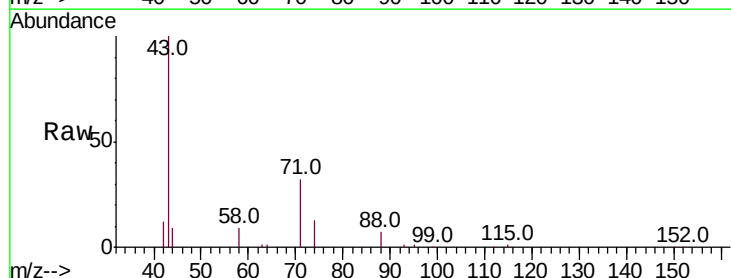
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



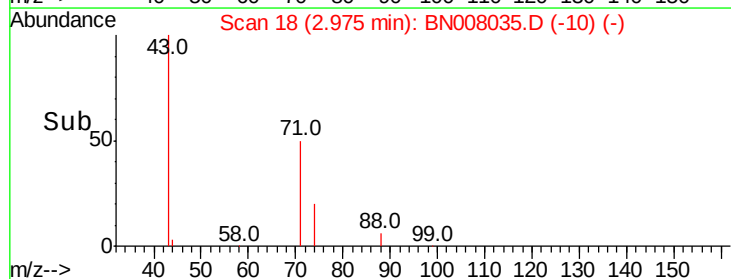
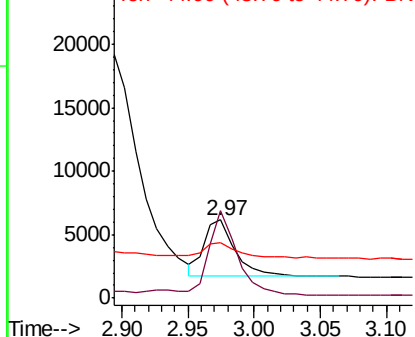
#3

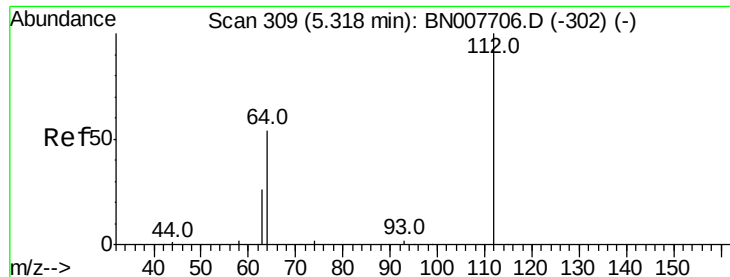
n-Nitrosodimethylamine
Concen: 3.314 ng
RT: 2.97 min Scan# 18
Delta R.T. -0.03 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion: 42 Resp: 7389
Ion Ratio Lower Upper
42 100
74 131.0 87.9 131.9
44 29.4 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: 0.229 ng

RT: 5.31 min Scan# 308

Delta R.T. -0.01 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW073-092519

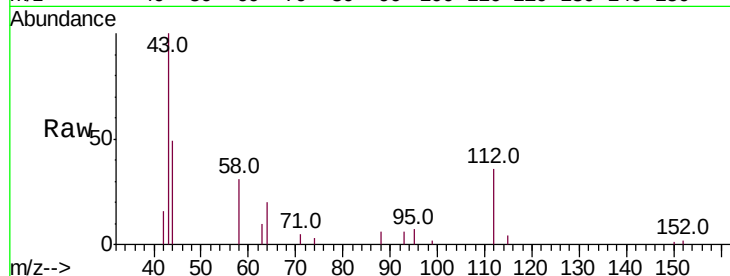
Tot Ion:112 Resp: 3437

Ion Ratio Lower Upper

112 100

64 59.0 46.6 70.0

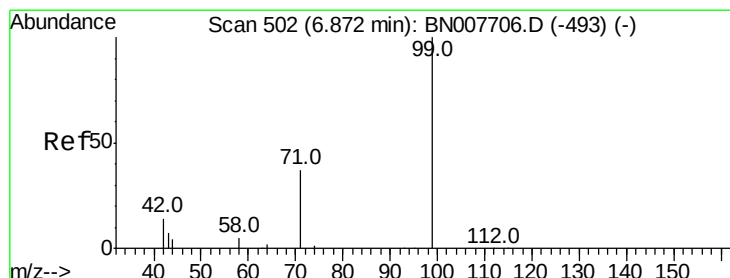
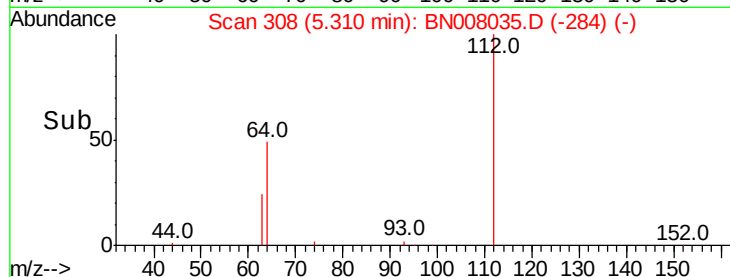
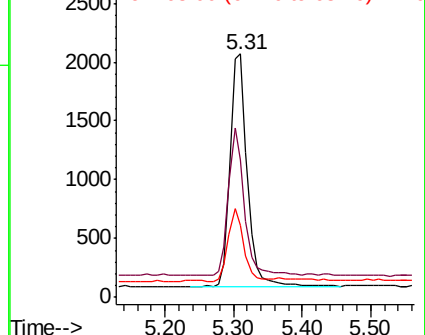
63 28.8 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.226 ng

RT: 6.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

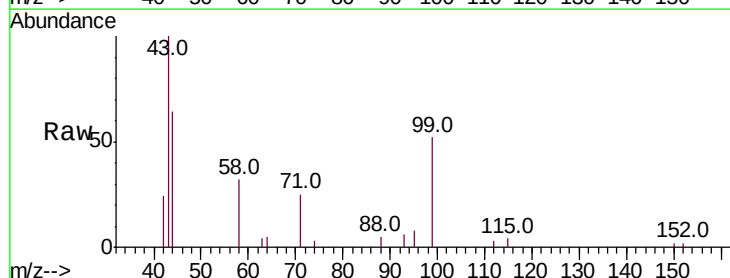
Tgt Ion: 99 Resp: 4294

Ion Ratio Lower Upper

99 100

42 18.4 12.8 19.2

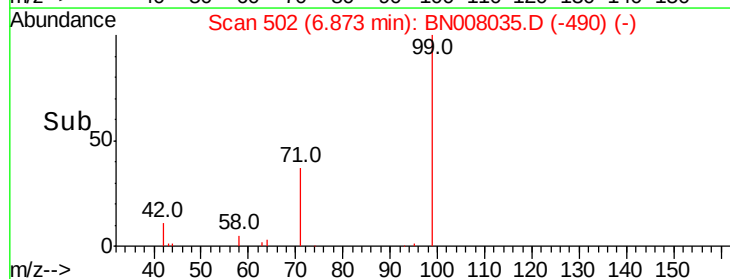
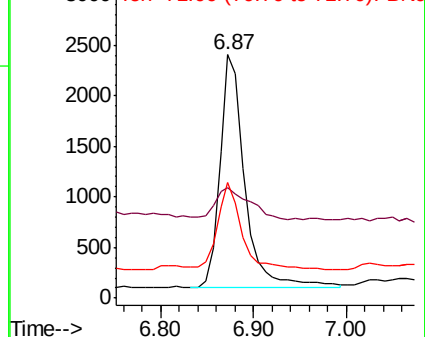
71 36.6 27.6 41.4

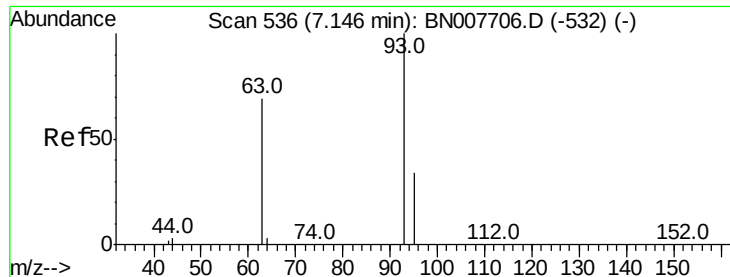


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#6

bis(2-Chloroethyl)ether

Concen: 0.058 ng

RT: 7.12 min Scan# 533

Delta R.T. -0.02 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW073-092519

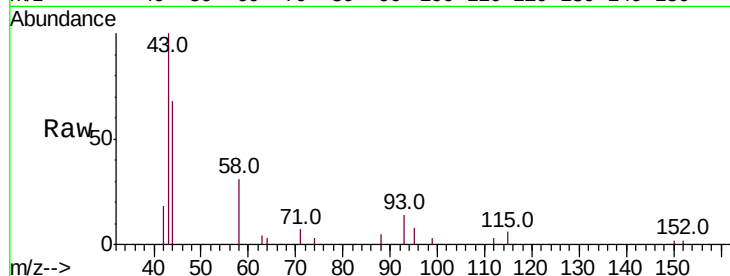
Tot Ion: 93 Resp: 720

Ion Ratio Lower Upper

93 100

63 6.0 59.3 88.9#

95 5.4 31.4 47.0#

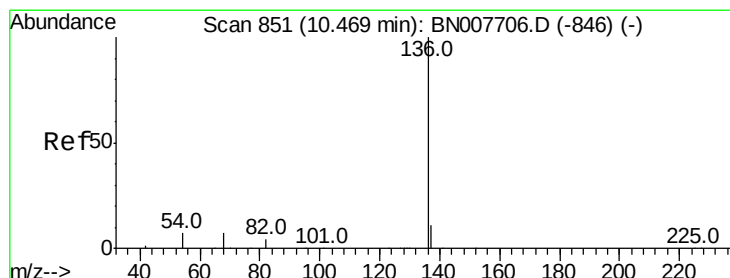
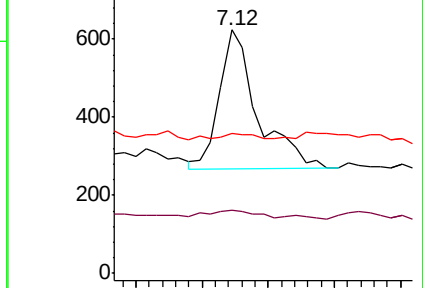
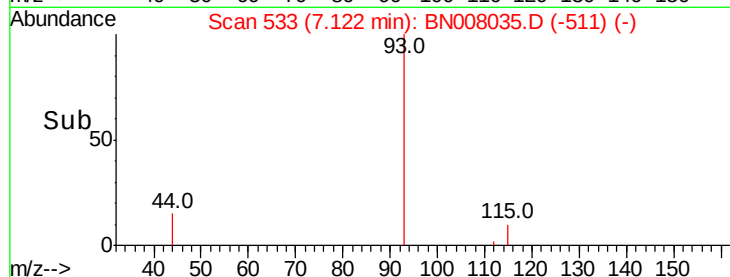


Abundance Ion 93.00 (92.70 to 93.70): BN007706.D (-532) (-)

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

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

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.03 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

Tgt Ion: 136 Resp: 17447

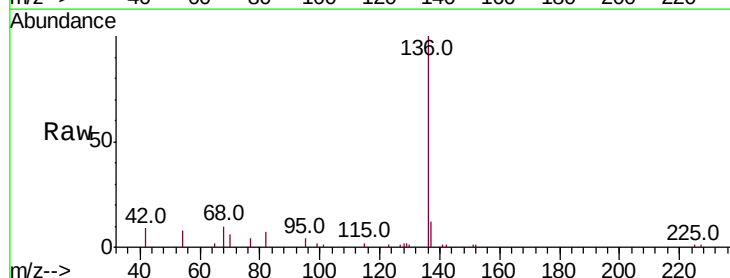
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 8.4 5.8 8.8

68 10.1 6.5 9.7#



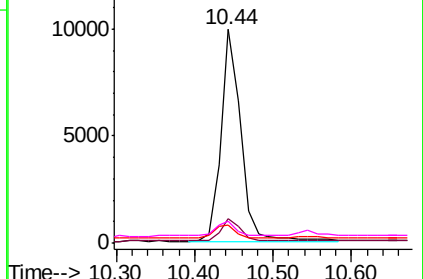
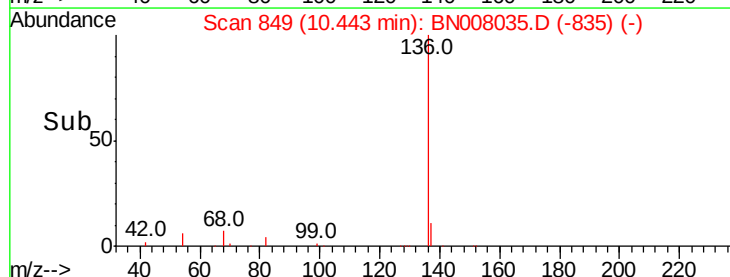
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

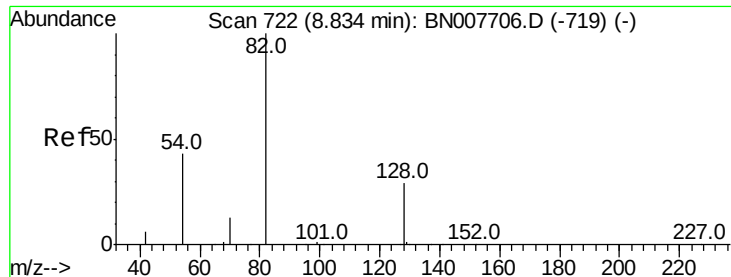
Ion 137.00 (136.70 to 137.70): BN007706.D (-846) (-)

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

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

Time-->





#8

Nitrobenzene-d5

Concen: 0.271 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW073-092519

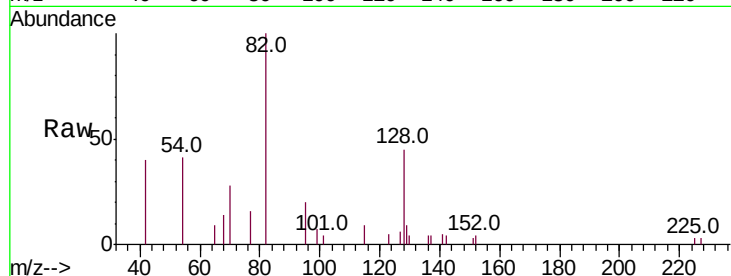
Tot Ion: 82 Resp: 4134

Ion Ratio Lower Upper

82 100

128 44.9 24.5 36.7#

54 41.0 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) (-)

8.82

2500

2000

1500

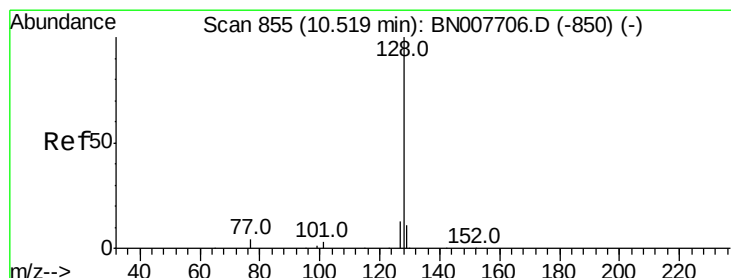
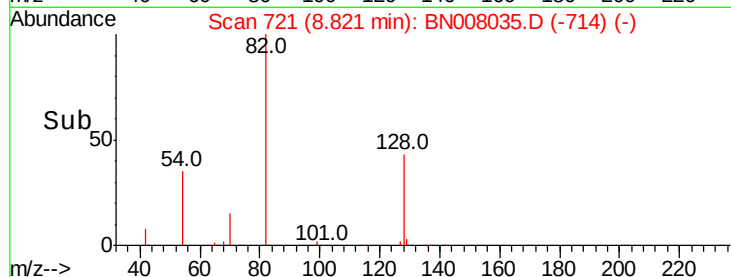
1000

500

0

8.70 8.75 8.80 8.85 8.90

Time-->



#9

Naphthalene

Concen: 0.052 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

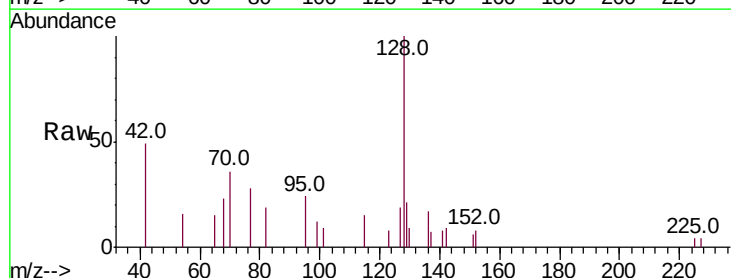
Tgt Ion: 128 Resp: 2570

Ion Ratio Lower Upper

128 100

129 20.6 9.1 13.7#

127 19.1 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) (-)

10.49

2000

1500

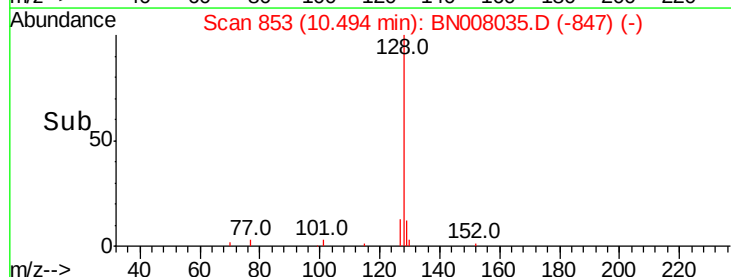
1000

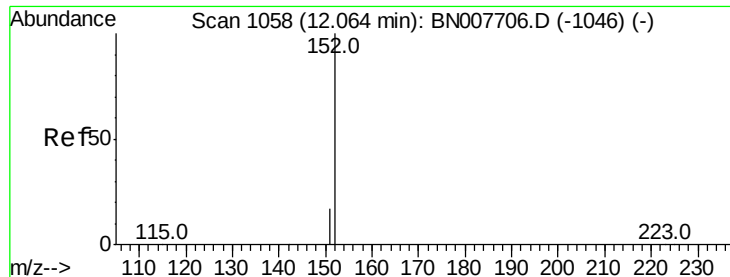
500

0

10.40 10.50 10.60

Time-->

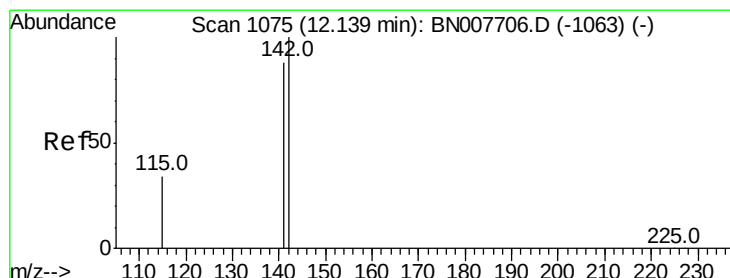
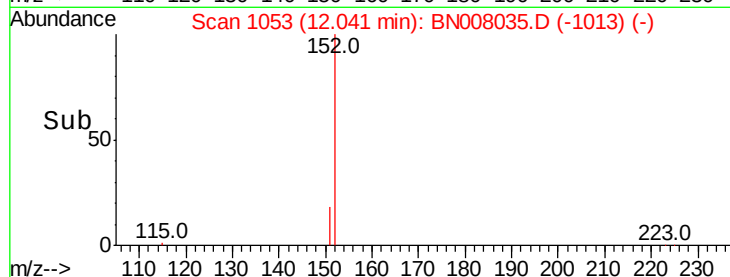
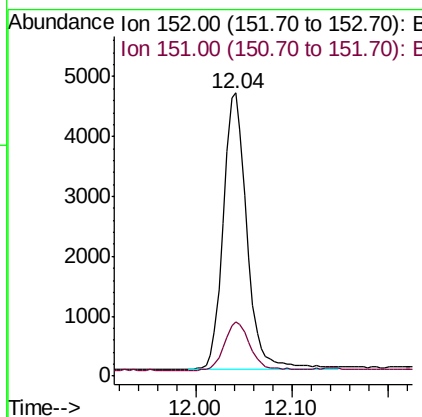
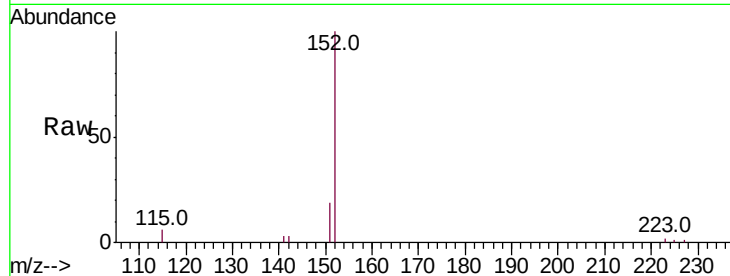




#11
 2-Methylnaphthalene-d10
 Concen: 0.270 ng
 RT: 12.04 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BN008035.D
 Acq: 05 Oct 2019 20:38

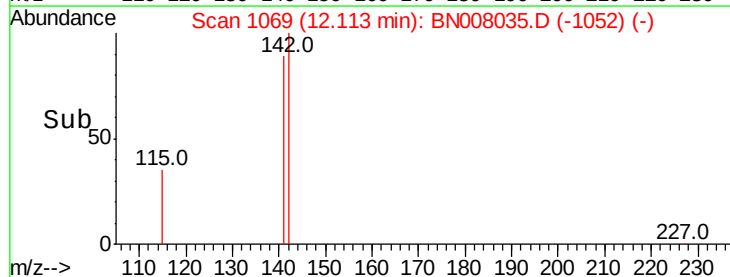
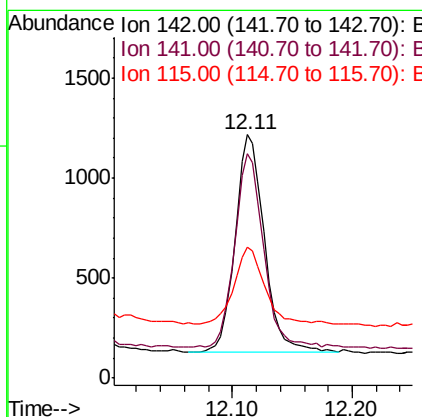
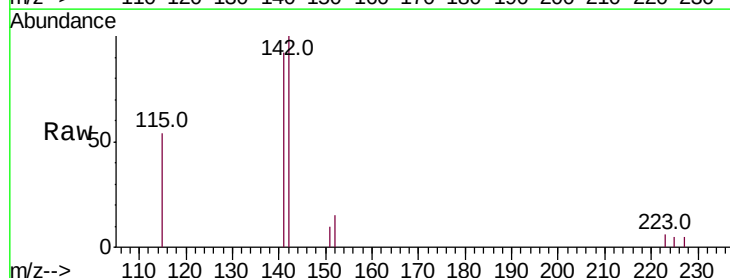
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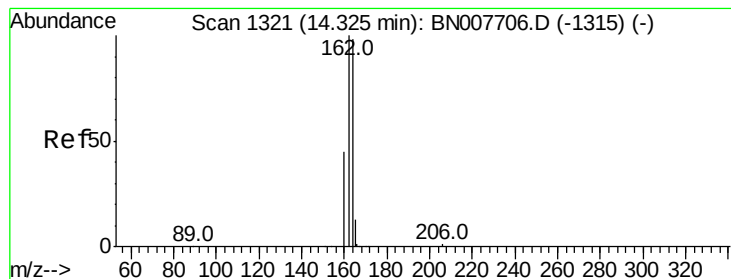
Tot Ion:152 Resp: 7943
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.056 ng
 RT: 12.11 min Scan# 1069
 Delta R.T. -0.03 min
 Lab File: BN008035.D
 Acq: 05 Oct 2019 20:38

Tgt Ion:142 Resp: 1844
 Ion Ratio Lower Upper
 142 100
 141 92.4 70.6 106.0
 115 53.8 28.3 42.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW073-092519

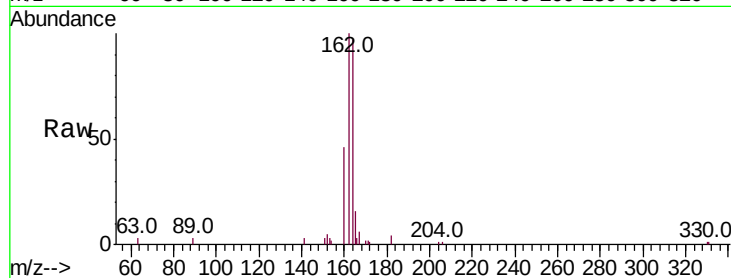
Tot Ion:164 Resp: 11036

Ion Ratio Lower Upper

164 100

162 102.6 81.7 122.5

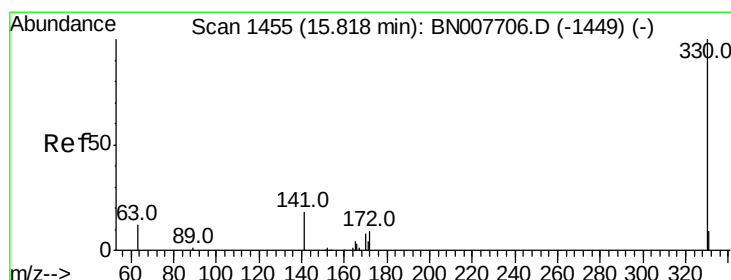
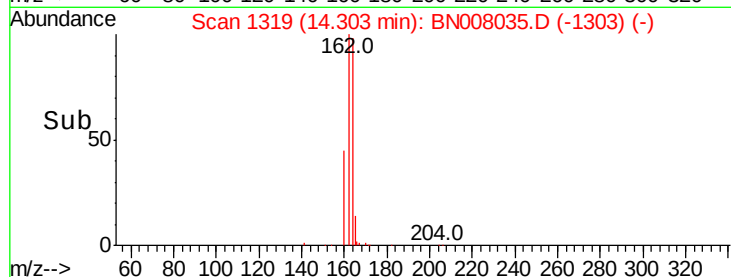
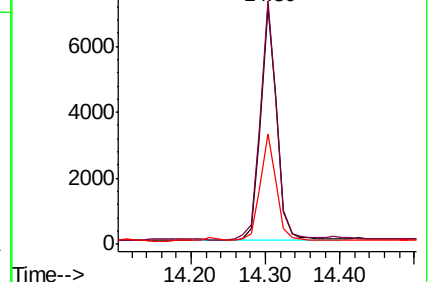
160 46.7 37.0 55.4



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: 0.270 ng

RT: 15.81 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

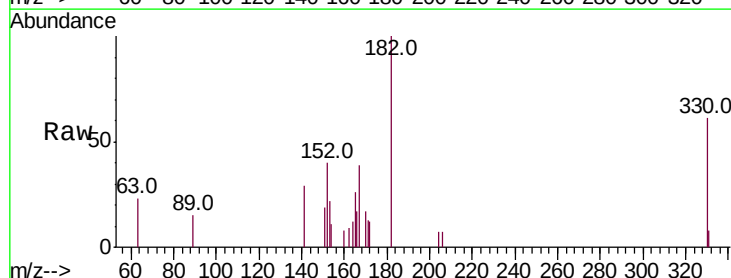
Tgt Ion:330 Resp: 1622

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

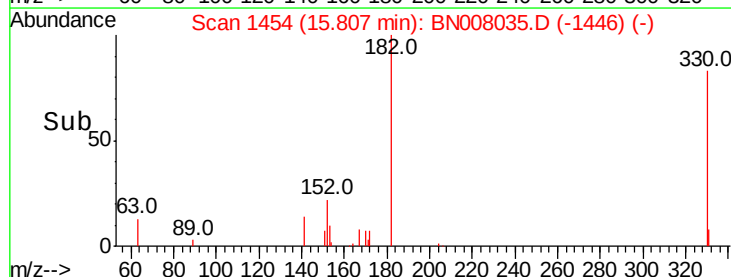
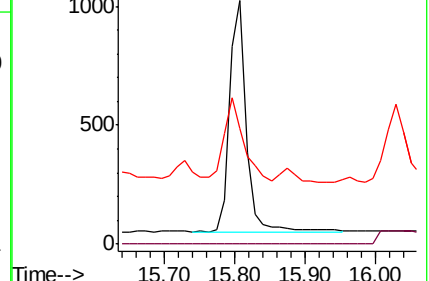
141 41.0 28.7 43.1

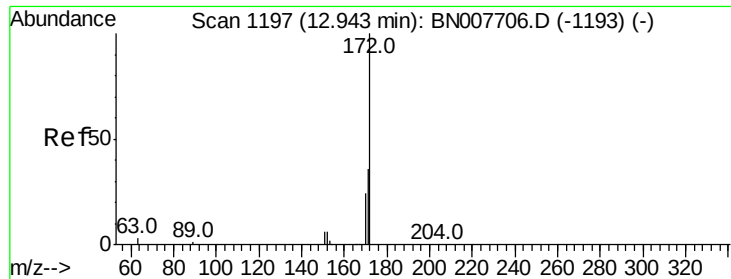


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

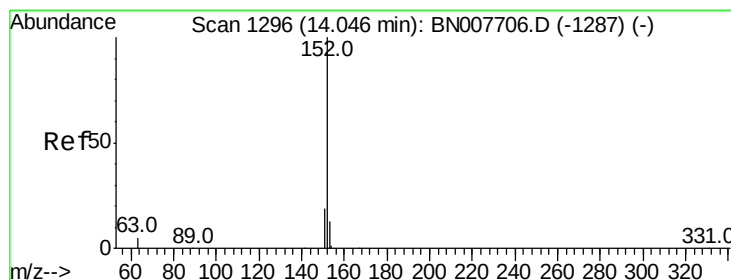
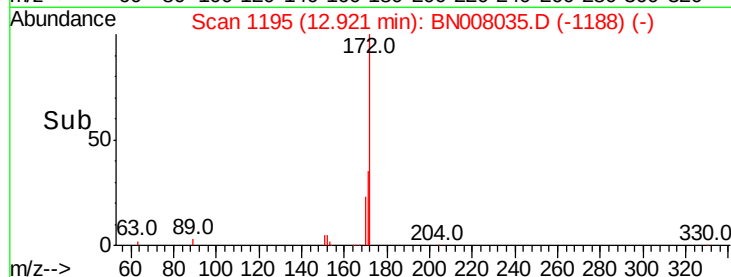
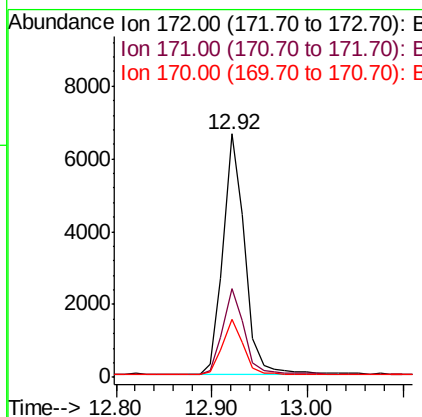
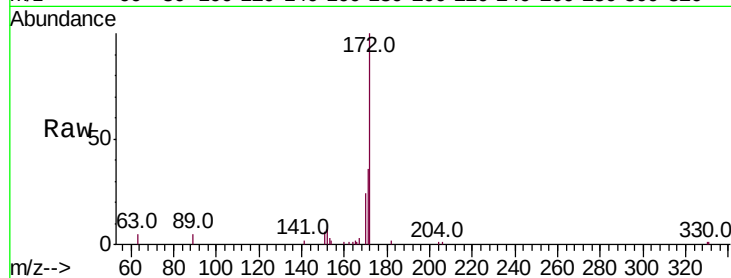




#15
2-Fluorobiphenyl
Concen: 0.232 ng
RT: 12.92 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

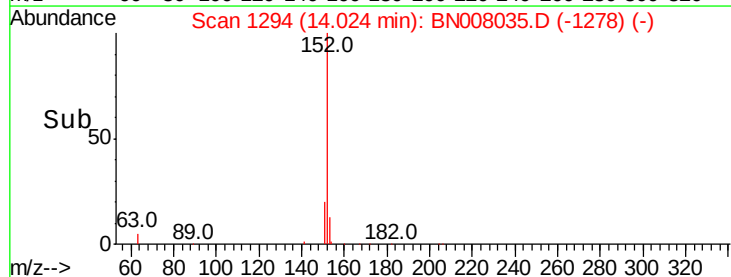
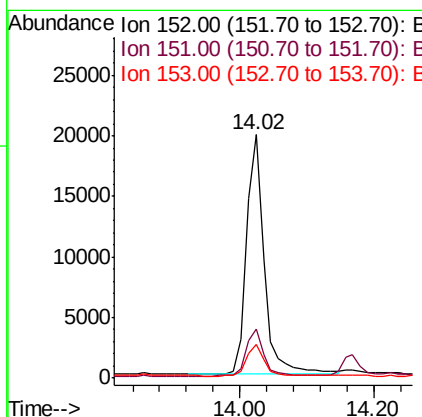
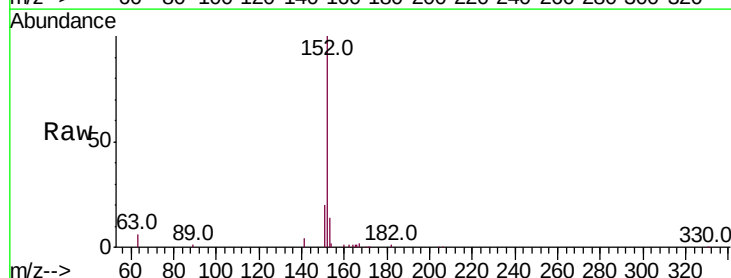
Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

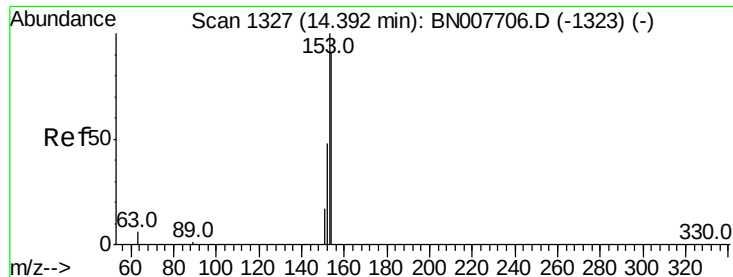
Tot Ion:172 Resp: 10558
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.0 19.5 29.3



#16
Acenaphthylene
Concen: 0.621 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion:152 Resp: 36319
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.090 ng

RT: 14.37 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW073-092519

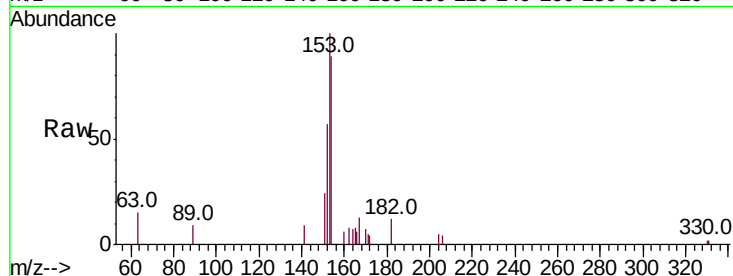
Tot Ion:154 Resp: 3408

Ion Ratio Lower Upper

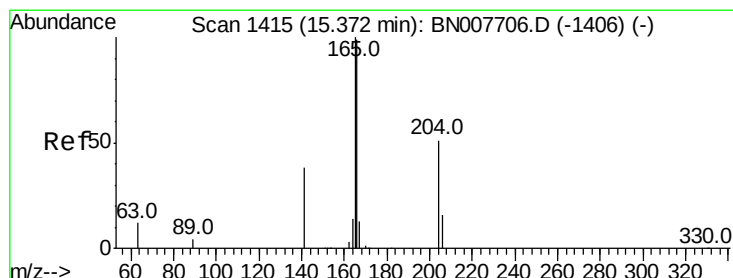
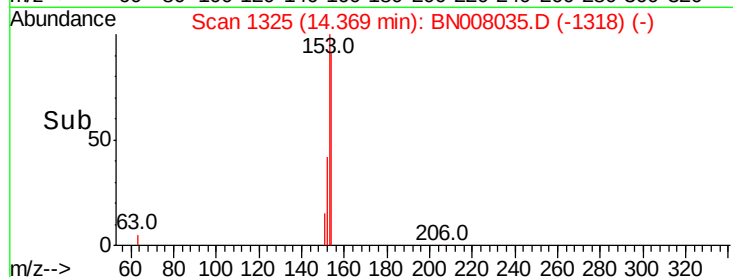
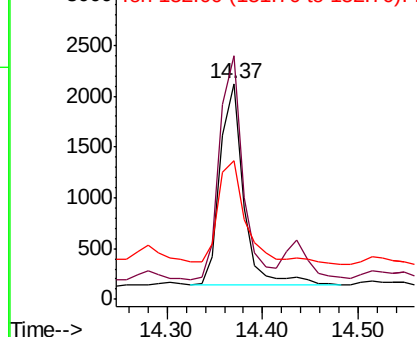
154 100

153 110.0 87.0 130.4

152 54.4 42.7 64.1



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: 0.166 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

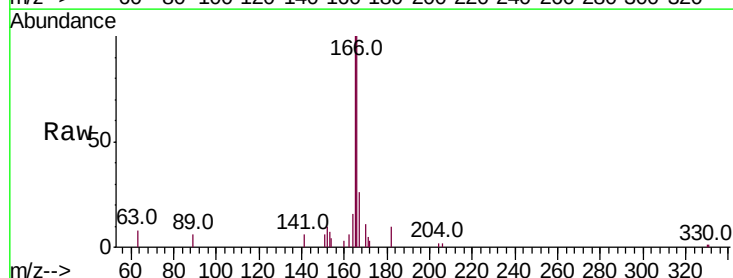
Tgt Ion:166 Resp: 8009

Ion Ratio Lower Upper

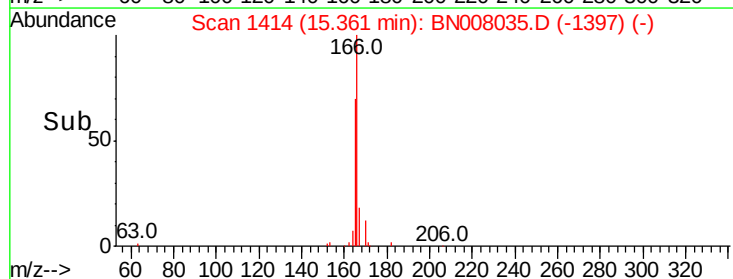
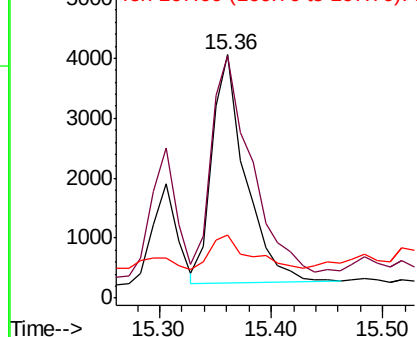
166 100

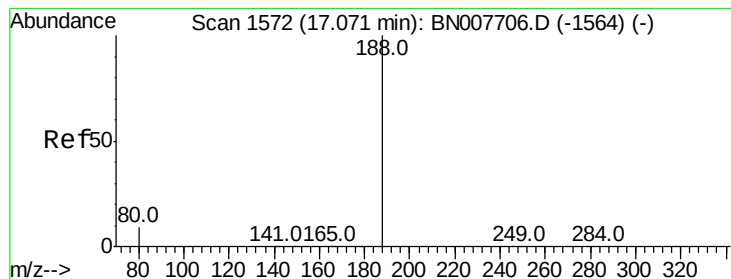
165 110.1 78.0 117.0

167 17.0 10.9 16.3#



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: 17.05 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW073-092519

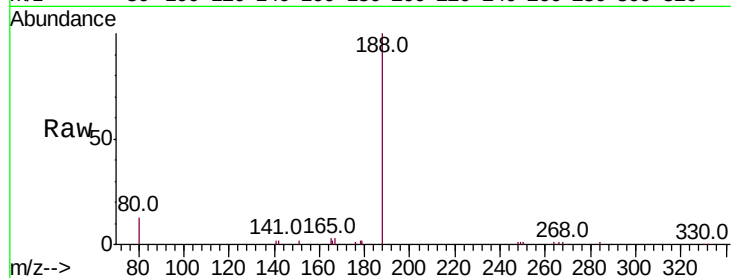
Tot Ion:188 Resp: 22434

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

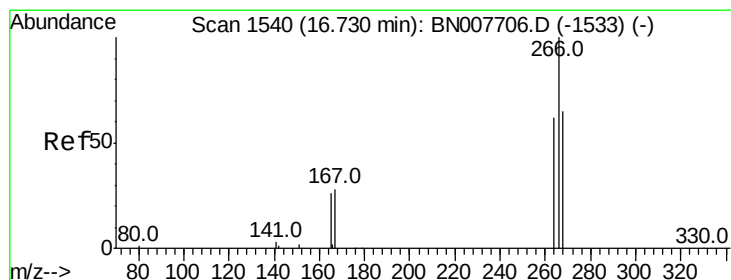
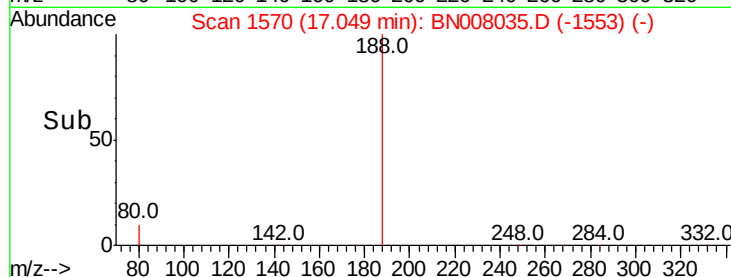
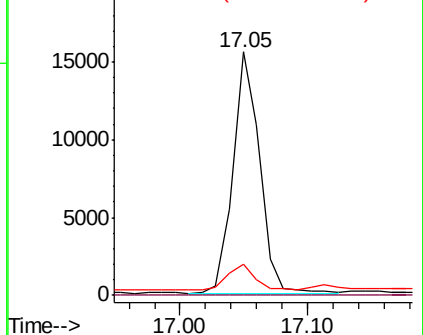
80 12.6 7.4 11.2#



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: 0.028 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

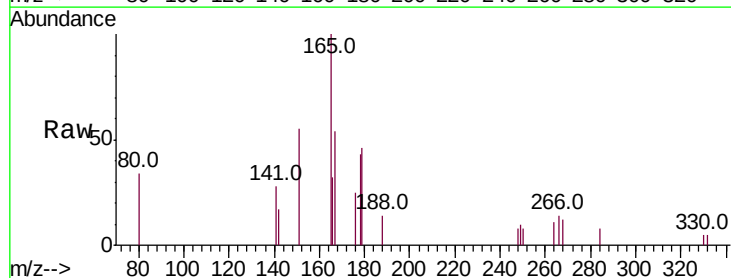
Tgt Ion:266 Resp: 151

Ion Ratio Lower Upper

266 100

264 74.8 50.0 75.0

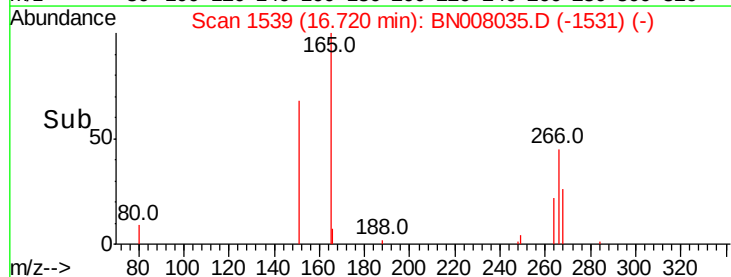
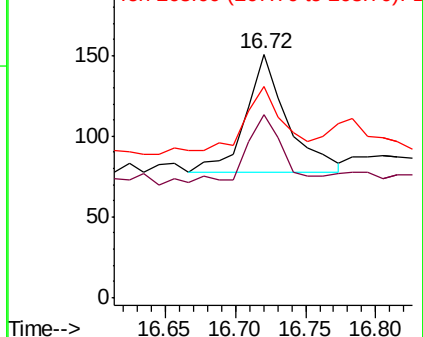
268 86.8 54.2 81.4#

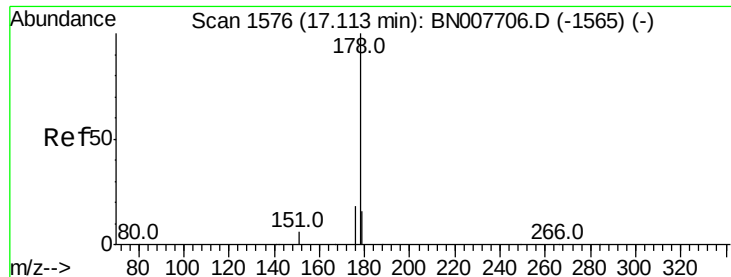


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.198 ng

RT: 17.09 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW073-092519

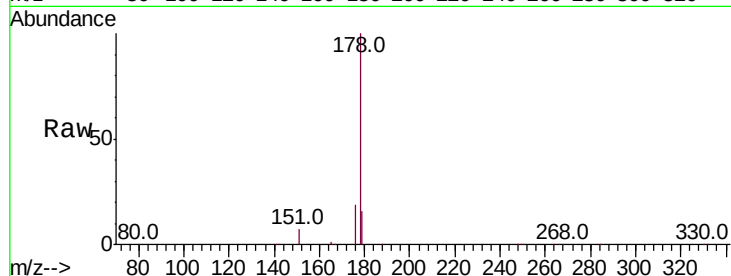
Tot Ion:178 Resp: 153606

Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

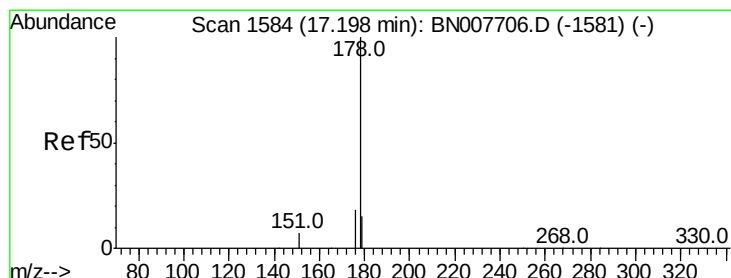
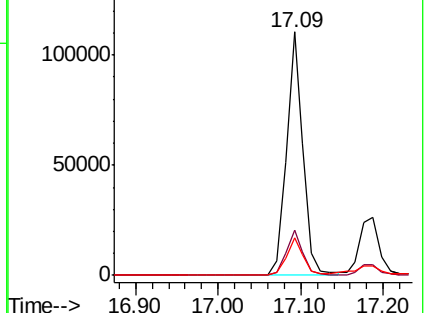
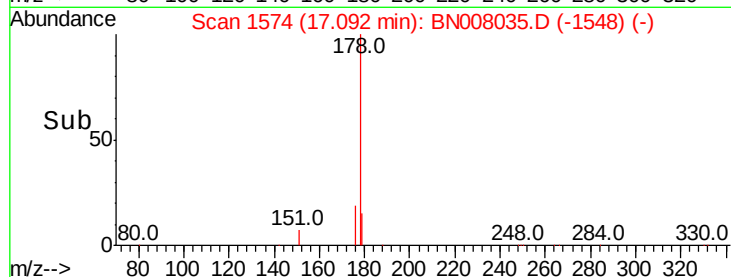
179 15.7 12.5 18.7



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: 0.629 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

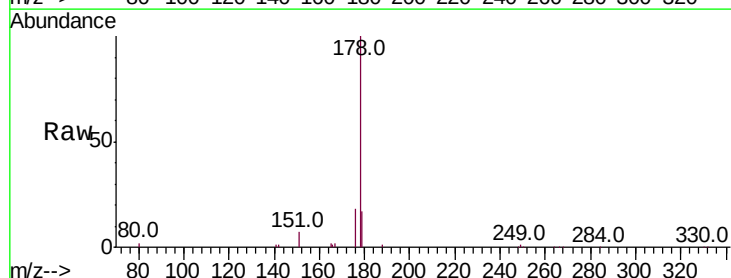
Tgt Ion:178 Resp: 39723

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

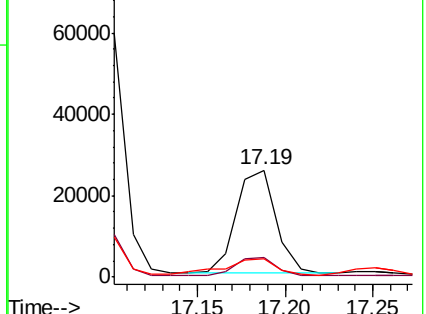
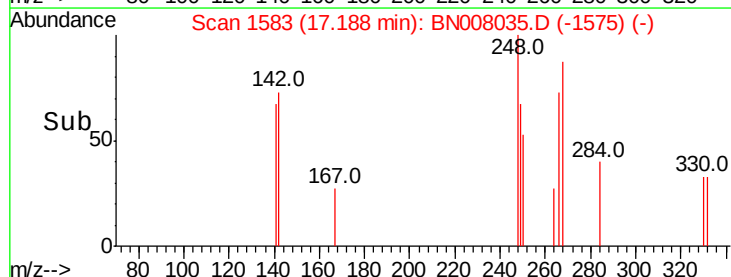
179 19.0 12.2 18.4#

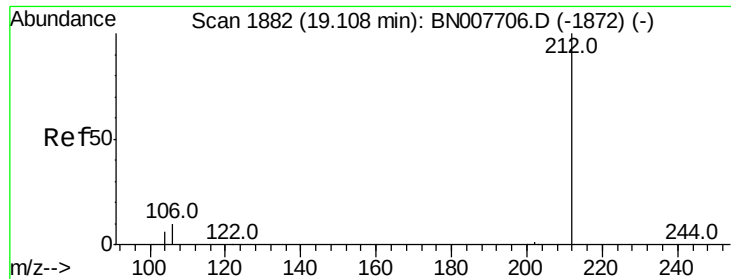


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.259 ng

RT: 19.09 min Scan# 1878

Delta R.T. -0.02 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW073-092519

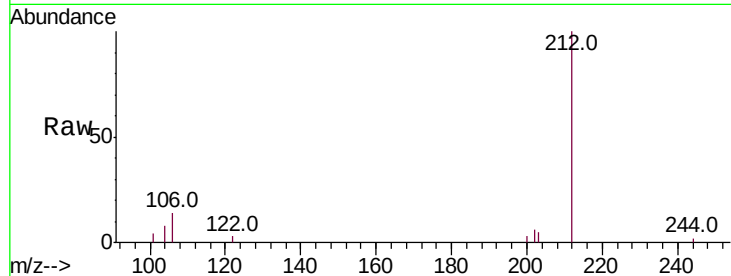
Tot Ion:212 Resp: 19577

Ion Ratio Lower Upper

212 100

106 11.2 9.4 14.0

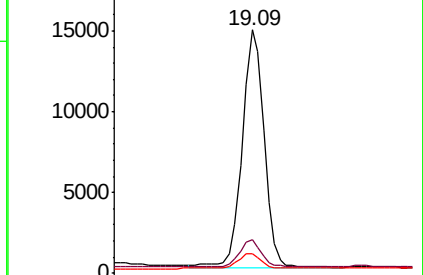
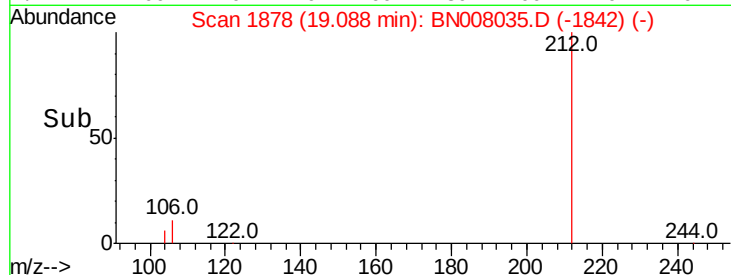
104 7.5 5.3 7.9



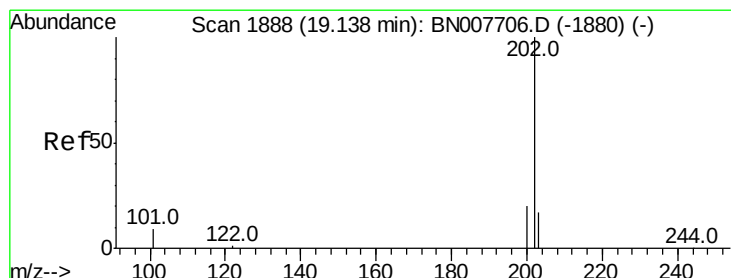
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#26

Fluoranthene

Concen: 4.407 ng

RT: 19.12 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

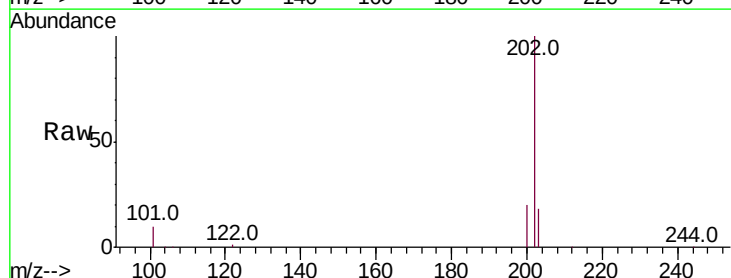
Tgt Ion:202 Resp: 383006

Ion Ratio Lower Upper

202 100

101 10.0 8.4 12.6

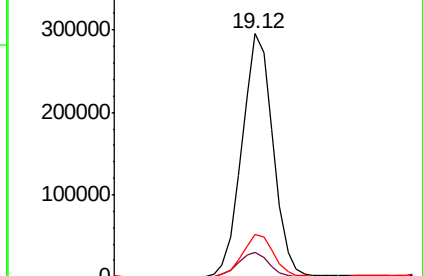
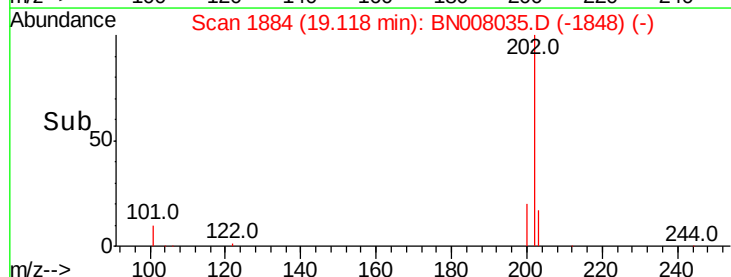
203 17.6 13.8 20.8



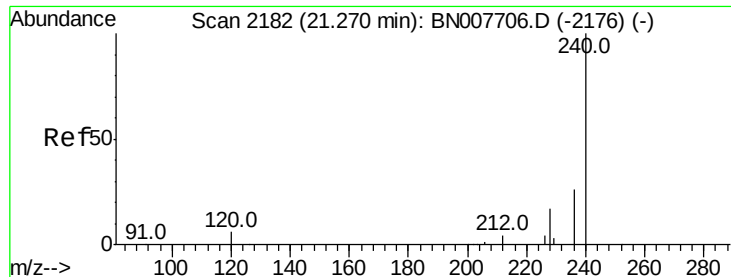
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW073-092519

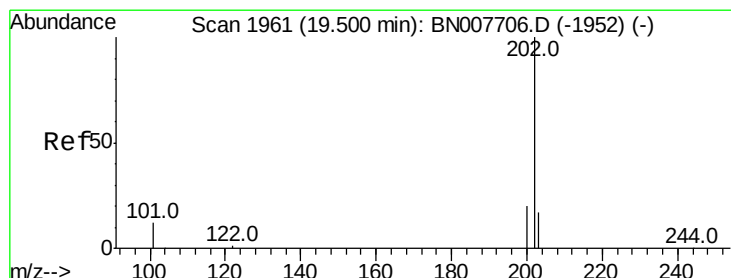
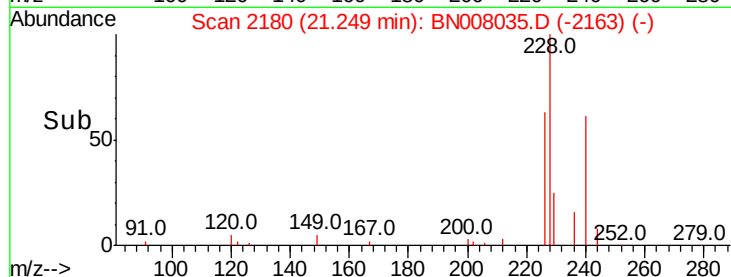
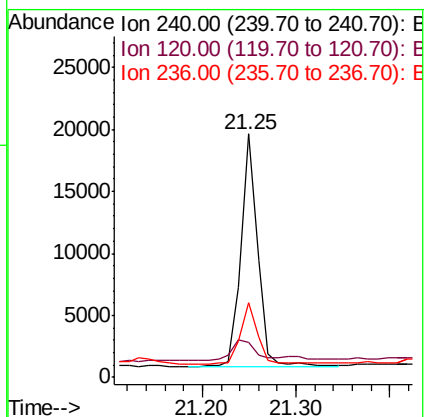
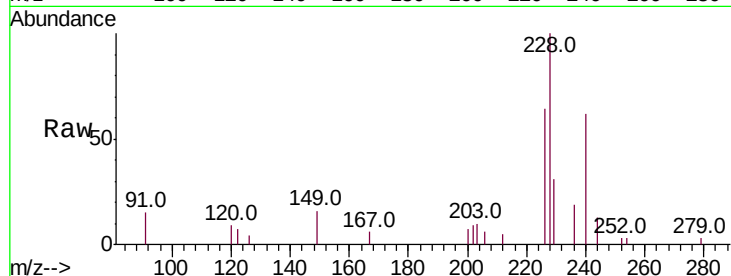
Tot Ion:240 Resp: 23391

Ion Ratio Lower Upper

240 100

120 14.1 5.4 8.2#

236 30.5 21.0 31.4



#28

Pyrene

Concen: 4.396 ng

RT: 19.48 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

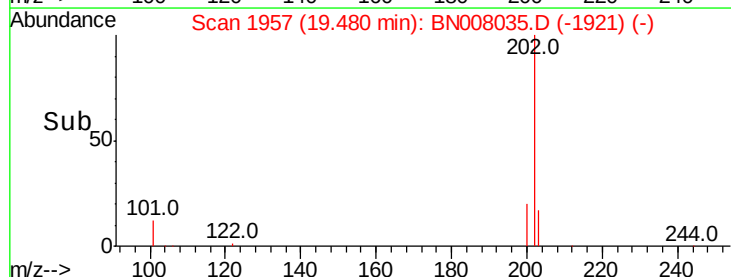
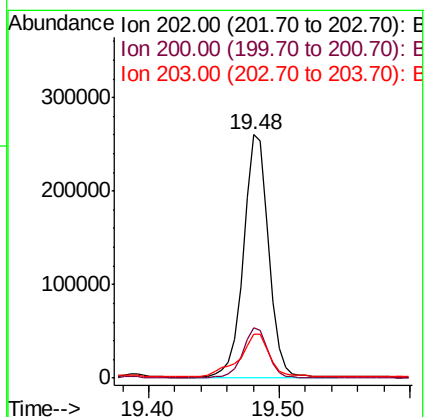
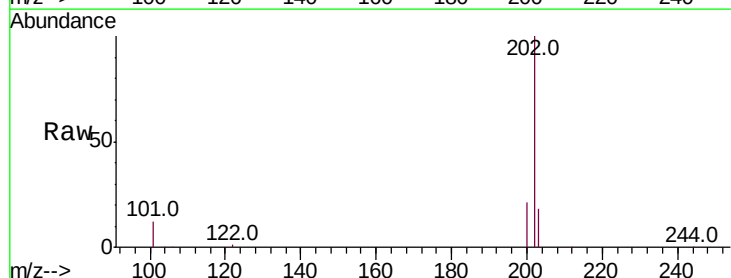
Tgt Ion:202 Resp: 350728

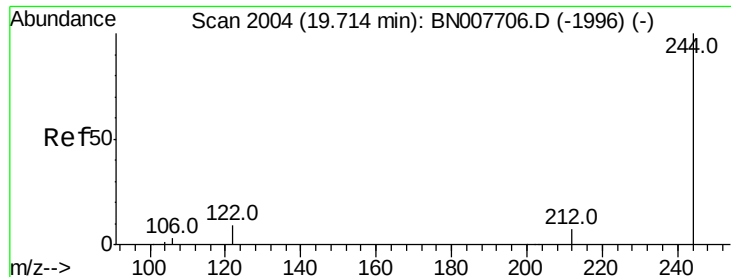
Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

203 21.5 14.1 21.1#





#29

Terphenyl-d14

Concen: 0.275 ng

RT: 19.69 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW073-092519

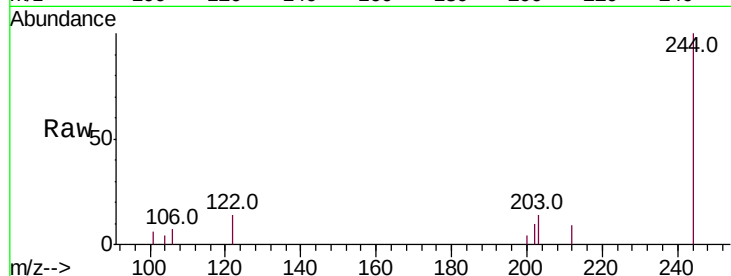
Tot Ion:244 Resp: 15791

Ion Ratio Lower Upper

244 100

212 9.4 5.9 8.9#

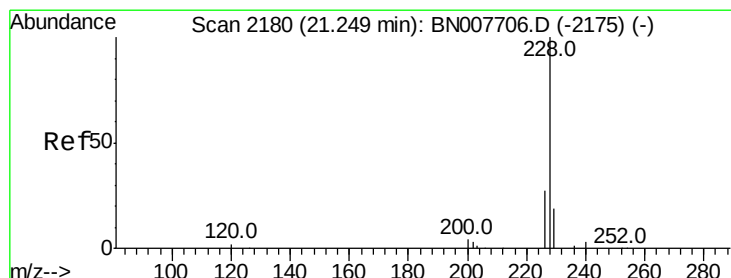
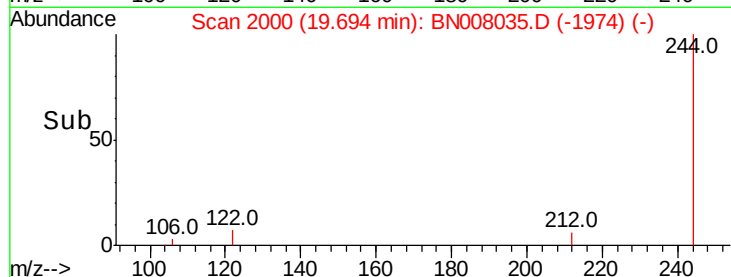
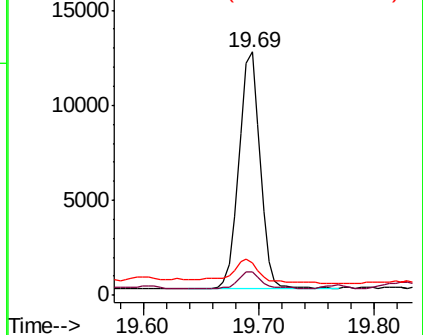
122 13.6 7.4 11.2#



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: 2.498 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

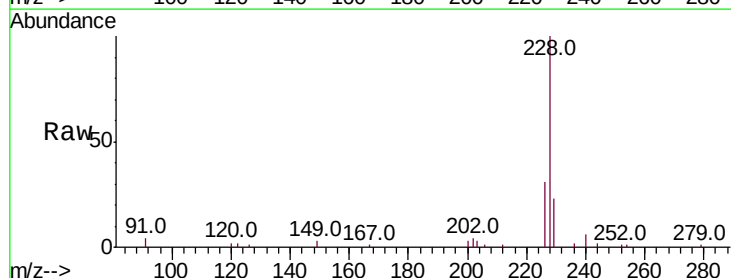
Tgt Ion:228 Resp: 215167

Ion Ratio Lower Upper

228 100

226 31.5 22.1 33.1

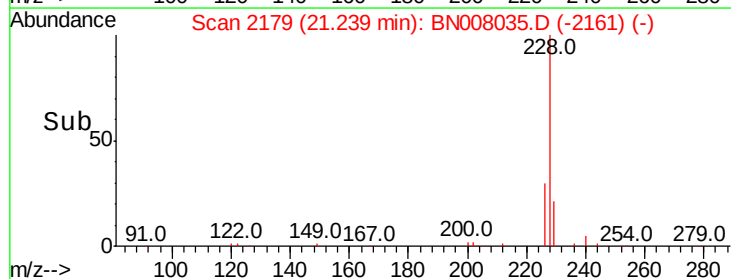
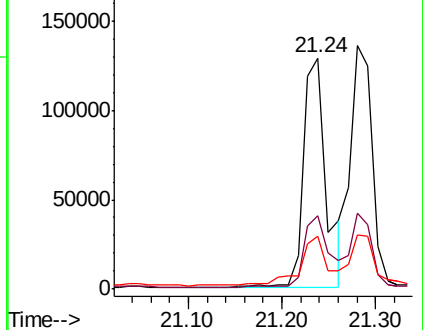
229 23.0 15.8 23.6

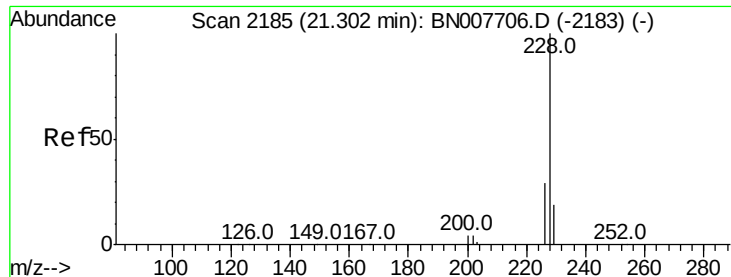


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.565 ng

RT: 21.28 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

Instrument :

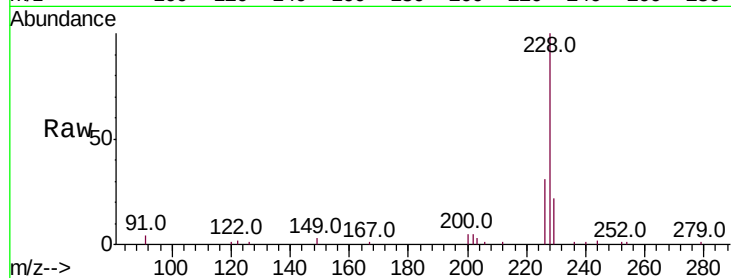
BNA_N

ClientSampleId :

EXT-024-SW073-092519

Tot Ion:228 Resp: 215333

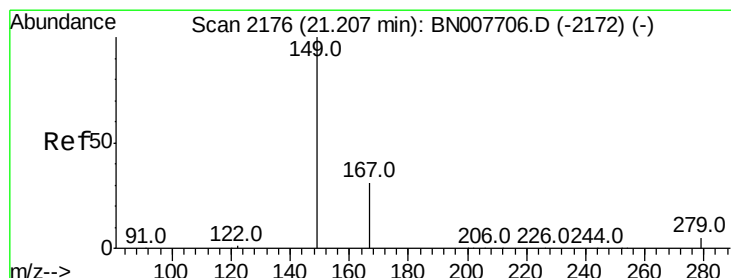
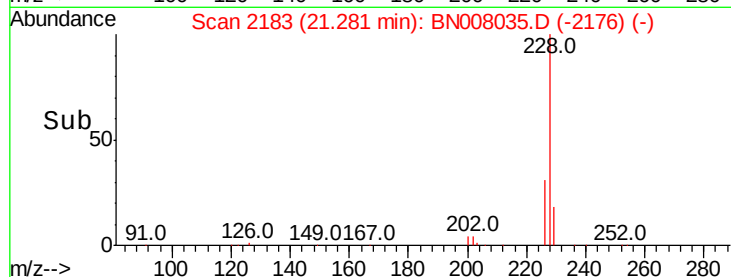
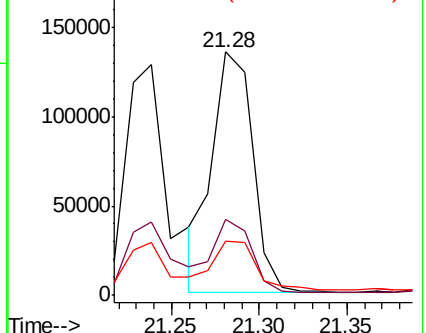
Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.9	35.9
229	22.4	15.8	23.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.838 ng

RT: 21.17 min Scan# 2173

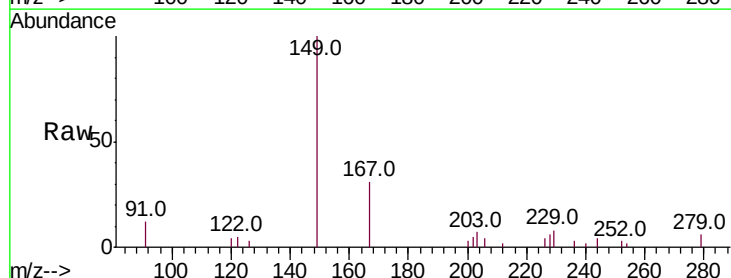
Delta R.T. -0.03 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

Tgt Ion:149 Resp: 37146

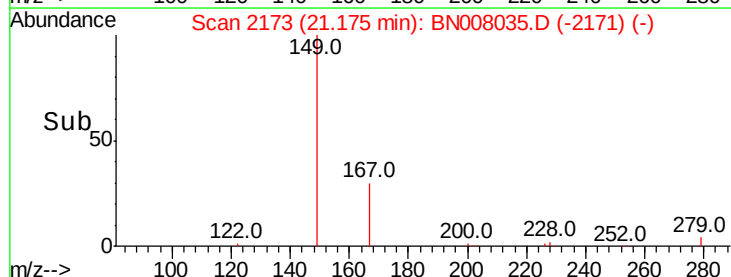
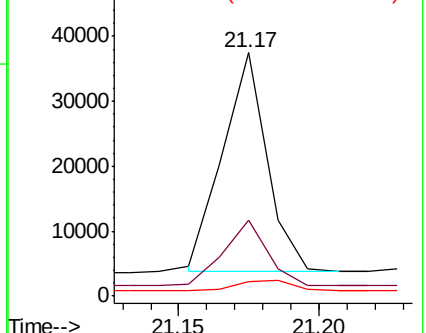
Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.7	35.5
279	5.8	4.2	6.2

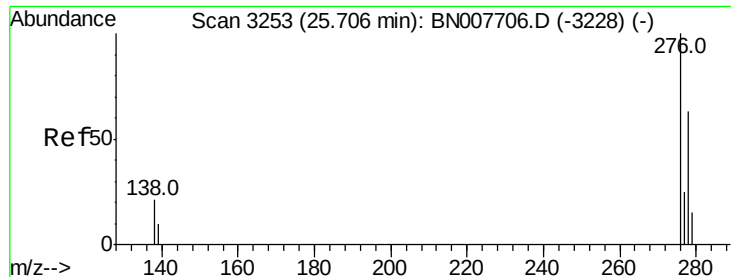


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.854 ng

RT: 25.68 min Scan# 3245

Delta R.T. -0.03 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW073-092519

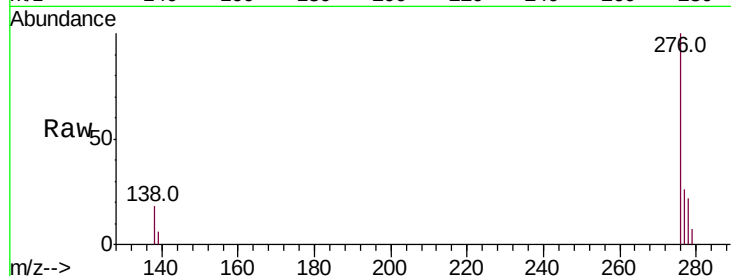
Tot Ion:276 Resp: 194824

Ion Ratio Lower Upper

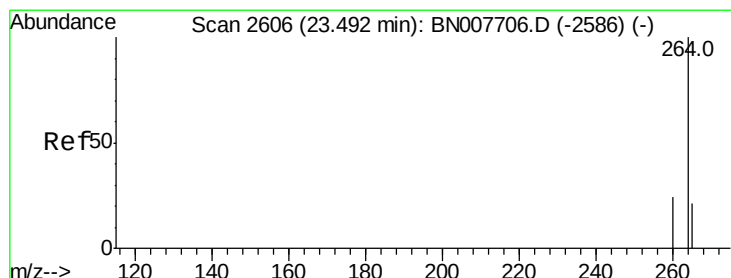
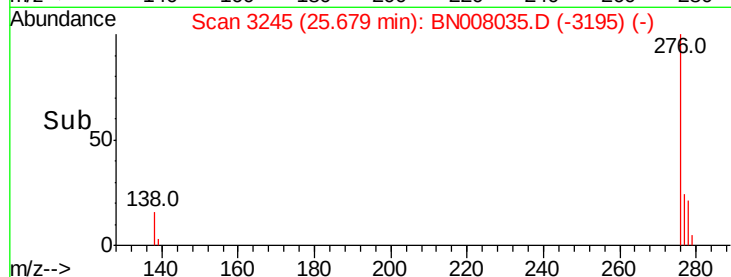
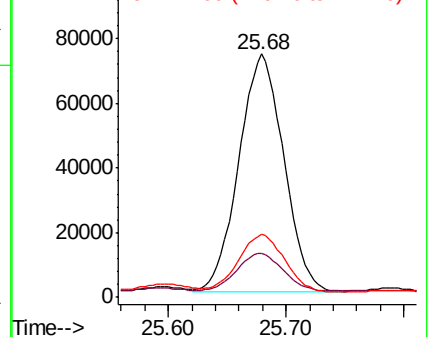
276 100

138 16.5 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: 23.46 min Scan# 2598

Delta R.T. -0.03 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

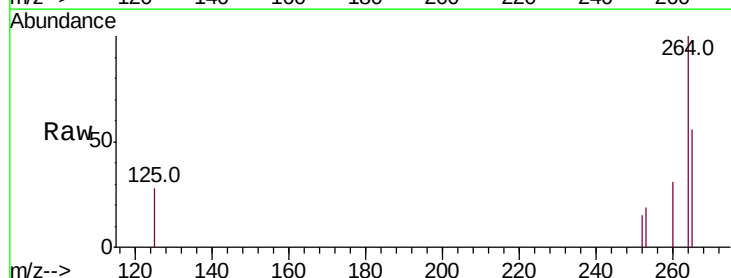
Tgt Ion:264 Resp: 26302

Ion Ratio Lower Upper

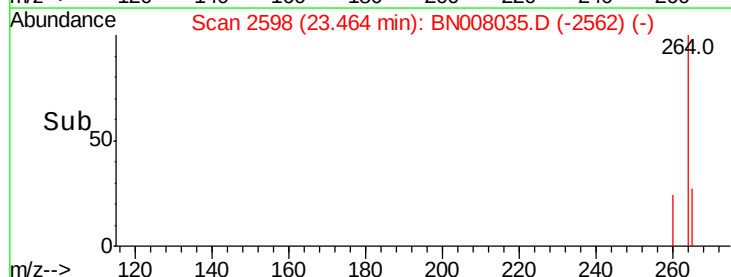
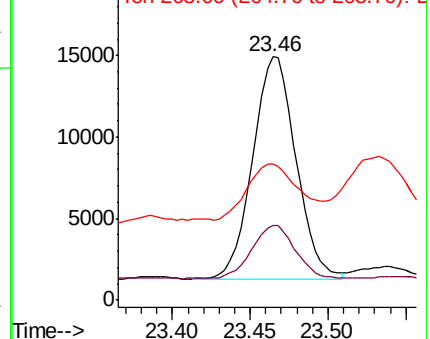
264 100

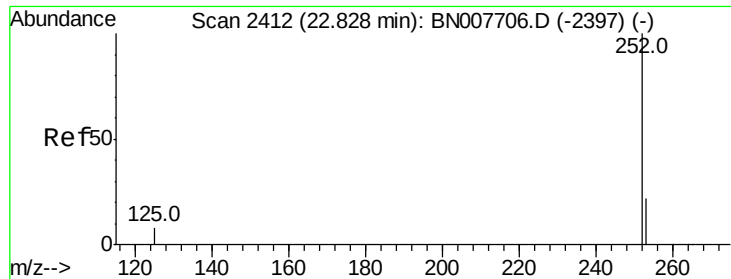
260 30.9 19.3 28.9#

265 55.7 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

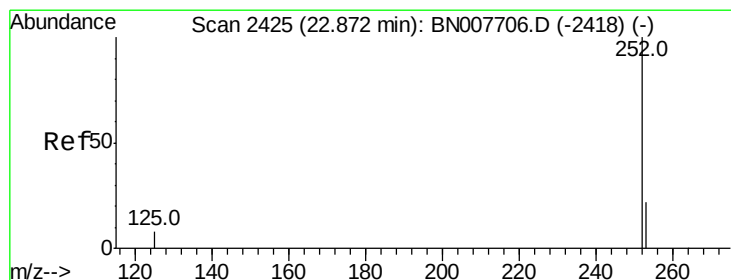
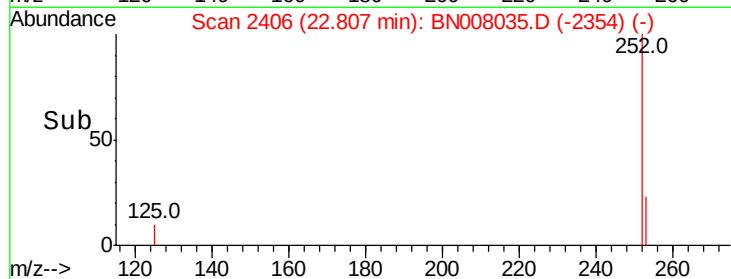
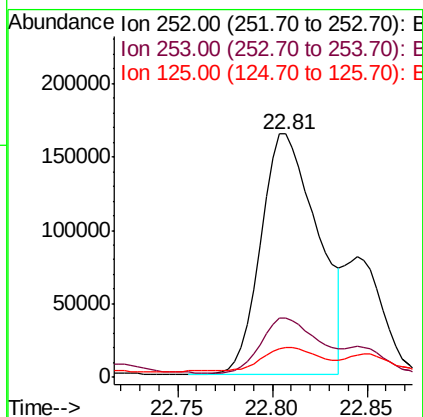
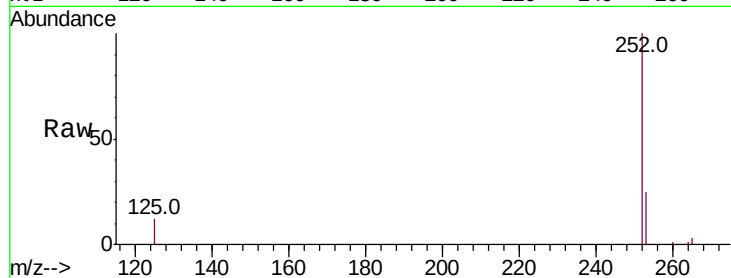




#35
Benzo(b)fluoranthene
Concen: 3.737 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

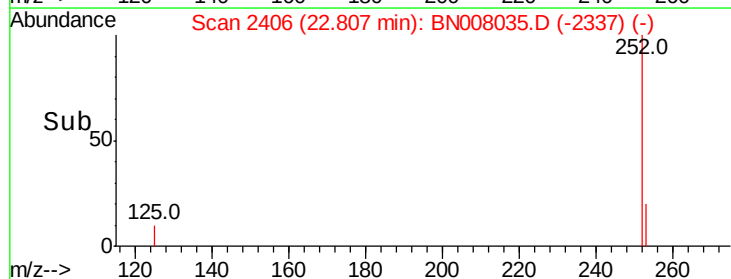
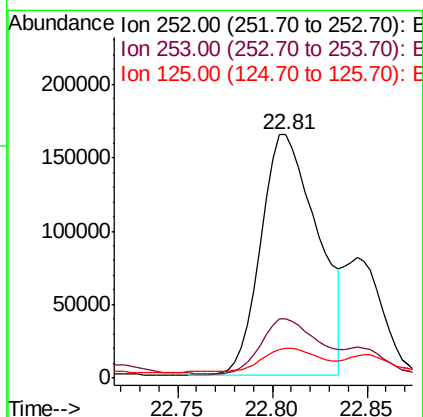
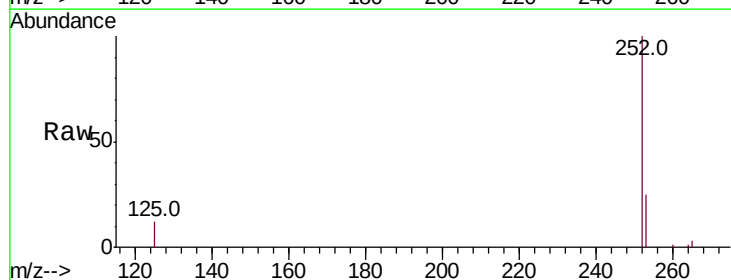
Instrument :
BNA_N
ClientSampleId :
EXT-024-SW073-092519

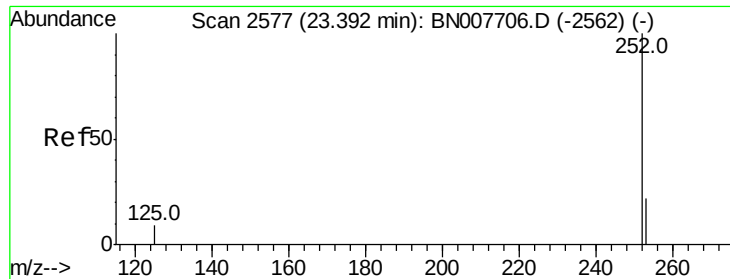
Tot Ion:252 Resp: 341241
Ion Ratio Lower Upper
252 100
253 24.6 18.3 27.5
125 12.3 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 3.779 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.07 min
Lab File: BN008035.D
Acq: 05 Oct 2019 20:38

Tgt Ion:252 Resp: 341241
Ion Ratio Lower Upper
252 100
253 24.6 18.5 27.7
125 12.3 8.4 12.6





#37

Benzo(a)pyrene

Concen: 2.524 ng

RT: 23.37 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW073-092519

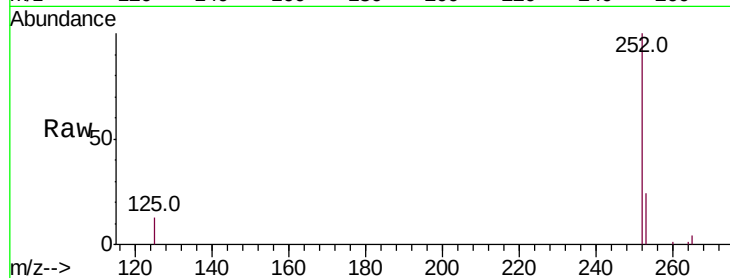
Tot Ion:252 Resp: 216601

Ion Ratio Lower Upper

252 100

253 24.2 18.6 27.8

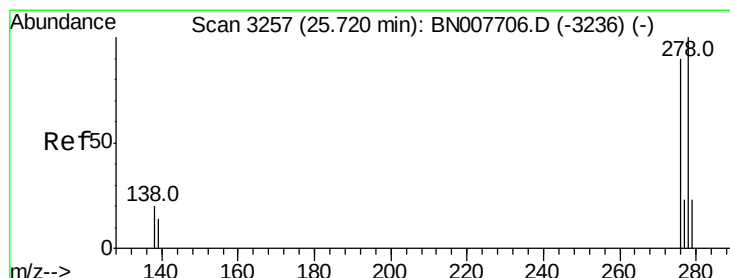
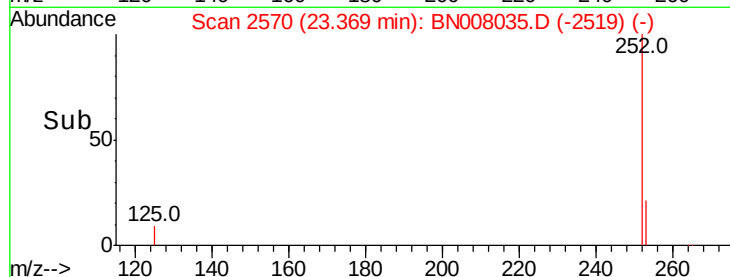
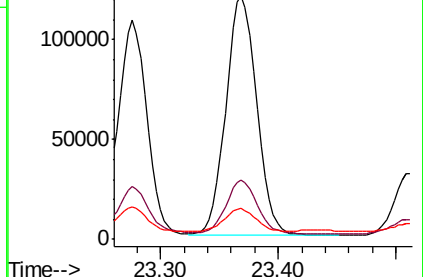
125 12.6 9.4 14.0



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: 0.547 ng

RT: 25.68 min Scan# 3246

Delta R.T. -0.04 min

Lab File: BN008035.D

Acq: 05 Oct 2019 20:38

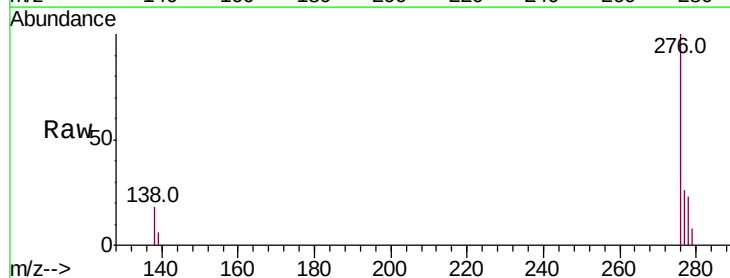
Tgt Ion:278 Resp: 47984

Ion Ratio Lower Upper

278 100

139 24.7 11.8 17.6#

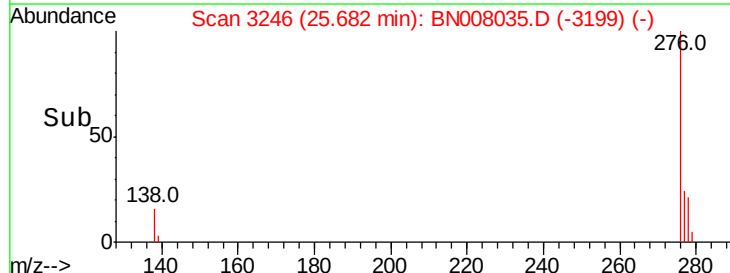
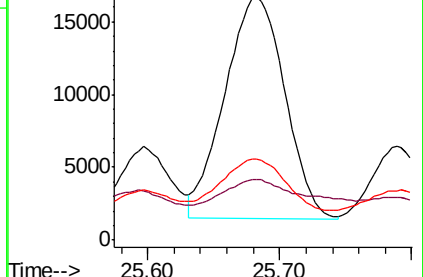
279 33.3 19.4 29.2#

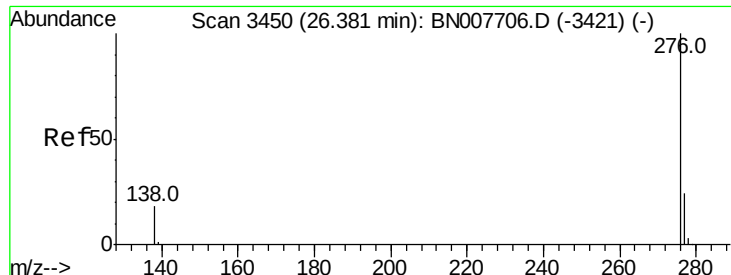


Abundance Ion 278.00 (277.70 to 278.70): E

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: 2.369 ng

RT: 26.36 min Scan# 3443

Delta R.T. -0.02 min

Lab File: BN008035.D

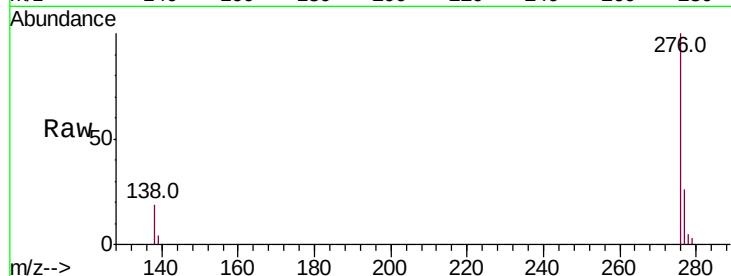
Acq: 05 Oct 2019 20:38

Instrument :

BNA_N

ClientSampleId :

EXT-024-SW073-092519



Tot Ion: 276 Resp: 205789

Ion Ratio Lower Upper

276 100

277 25.6 19.8 29.8

138 18.6 15.1 22.7

