

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
 Data File : BN008015.D
 Acq On : 04 Oct 2019 22:10
 Operator : JU
 Sample : K5078-09RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 05 01:26:04 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	7.69	152	20296	0.40	ng	-0.02
7) Naphthalene-d8	10.46	136	82656	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	48379	0.40	ng	-0.01
19) Phenanthrene-d10	17.06	188	99836	0.40	ng	-0.01
27) Chrysene-d12	21.26	240	128727	0.40	ng	-0.01
34) Perylene-d12	23.47	264	150913	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	16851	0.24	ng	0.00
5) Phenol-d6	6.88	99	22315	0.25	ng	0.00
8) Nitrobenzene-d5	8.82	82	19382	0.27	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	37348	0.27	ng	-0.02
14) 2,4,6-Tribromophenol	15.81	330	7275	0.28	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	49910	0.25	ng	-0.01
25) Fluoranthene-d10	19.09	212	99225	0.29	ng	-0.01
29) Terphenyl-d14	19.69	244	82194	0.26	ng	-0.02

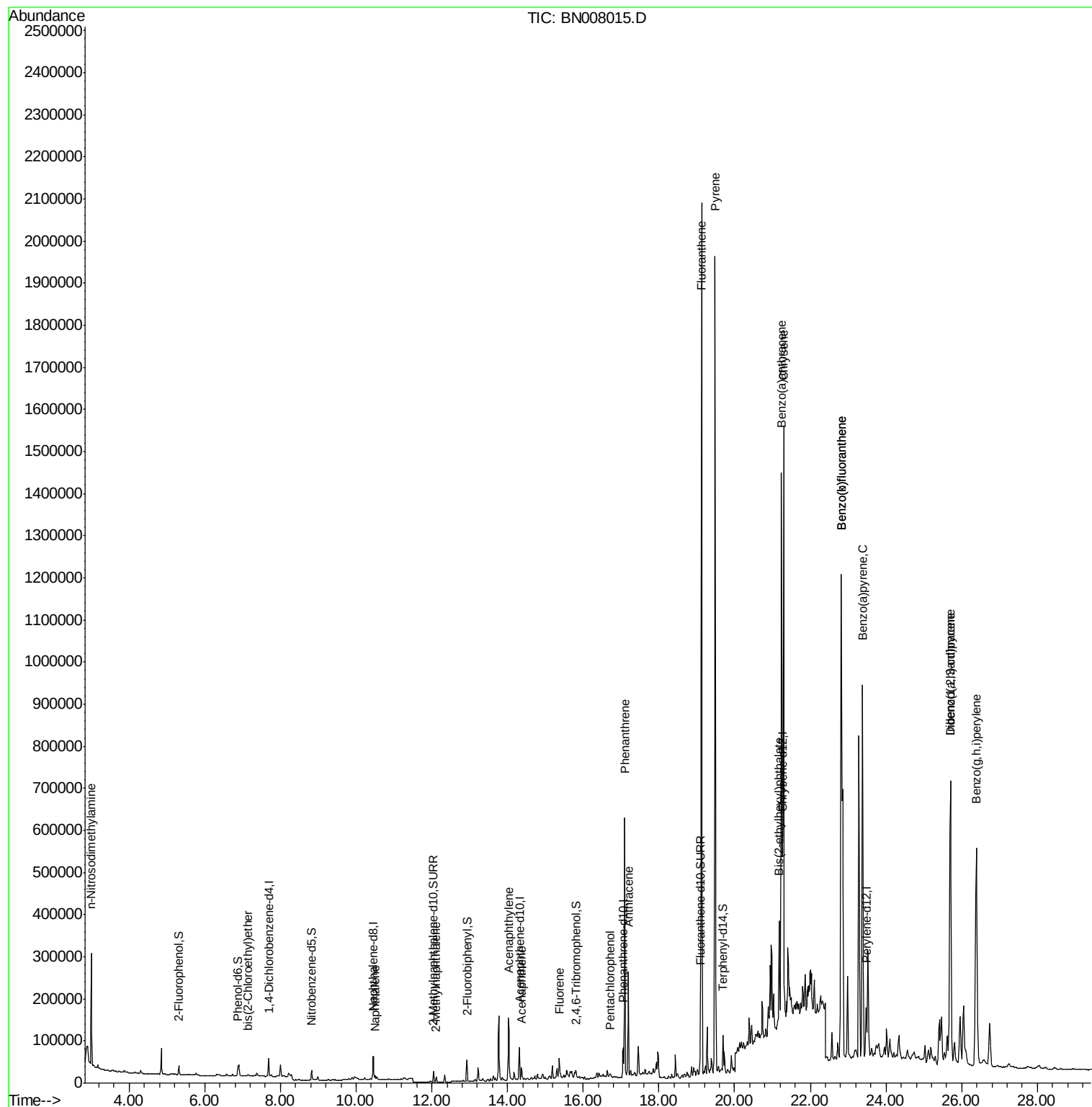
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.00	42	22031	2.126	ng	# 65
6) bis(2-Chloroethyl)ether	7.13	93	3147	0.055	ng	# 26
9) Naphthalene	10.49	128	12219	0.053	ng	# 91
12) 2-Methylnaphthalene	12.12	142	8921	0.057	ng	# 95
16) Acenaphthylene	14.02	152	194264	0.757	ng	99
17) Acenaphthene	14.37	154	16424	0.099	ng	100
18) Fluorene	15.36	166	38034	0.179	ng	88
22) Pentachlorophenol	16.72	266	642	0.026	ng	# 86
23) Phenanthrene	17.09	178	670602	2.156	ng	99
24) Anthracene	17.19	178	247767	0.882	ng	97
26) Fluoranthene	19.12	202	1816877	4.698	ng	99
28) Pyrene	19.49	202	1741984	3.968	ng	# 95
30) Benzo(a)anthracene	21.24	228	1116735	2.356	ng	96
31) Chrysene	21.29	228	1273726	2.757	ng	97
32) Bis(2-ethylhexyl)phthalate	21.17	149	176189	0.723	ng	99
33) Indeno(1,2,3-cd)pyrene	25.70	276	1065293	1.842	ng	# 95
35) Benzo(b)fluoranthene	22.81	252	1932689	3.689	ng	98
36) Benzo(k)fluoranthene	22.81	252	1932689	3.731	ng	98
37) Benzo(a)pyrene	23.38	252	1217917	2.474	ng	99
38) Dibenzo(a,h)anthracene	25.70	278	264593	0.525	ng	# 87
39) Benzo(g,h,i)perylene	26.38	276	1111761	2.230	ng	98

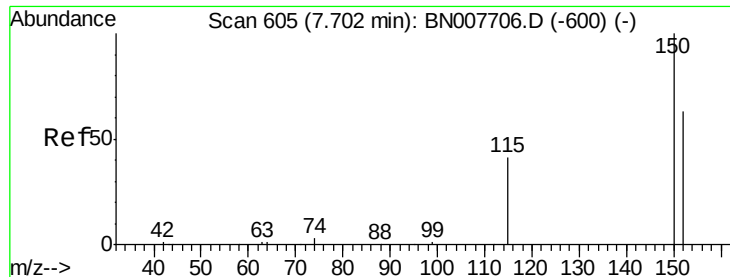
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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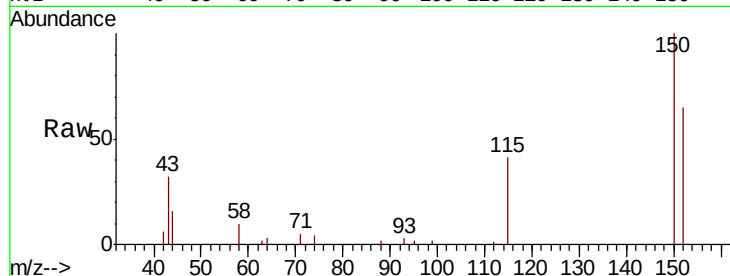


#1

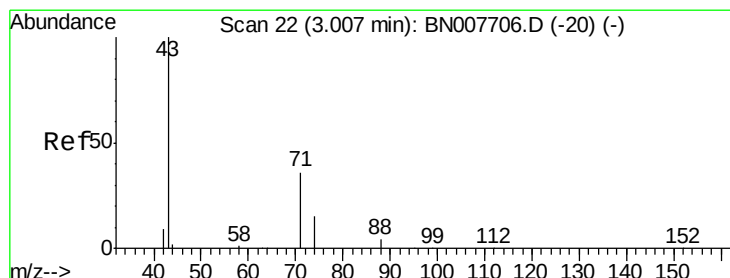
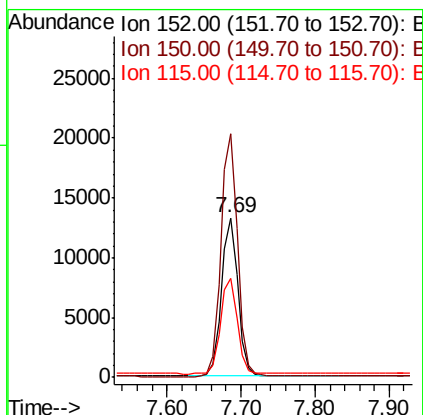
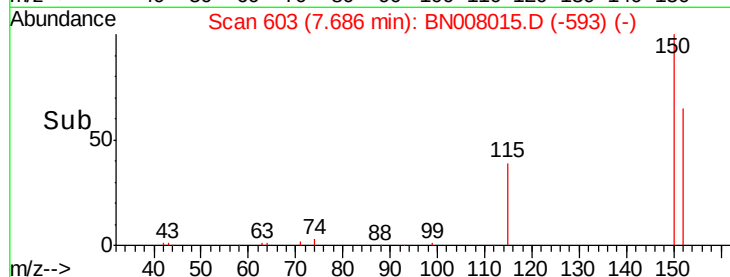
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 20296
Ion Ratio Lower Upper
152 100
150 152.9 125.6 188.4
115 62.2 53.3 79.9



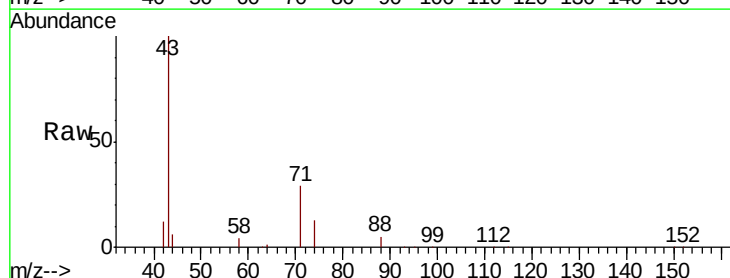
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



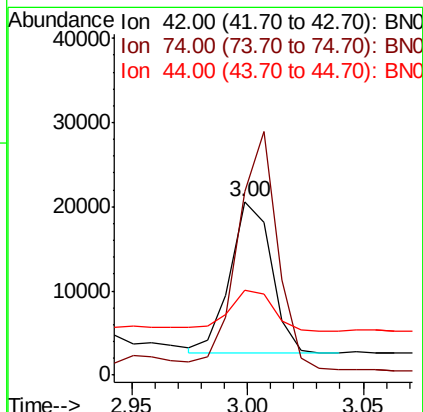
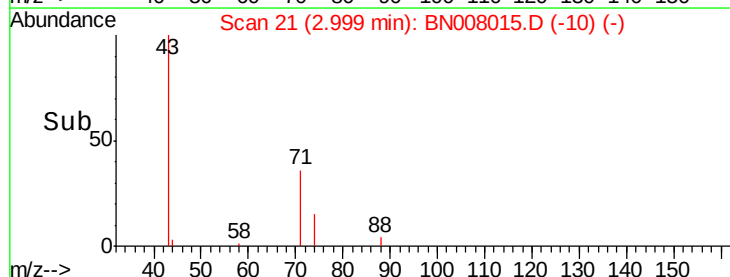
#3

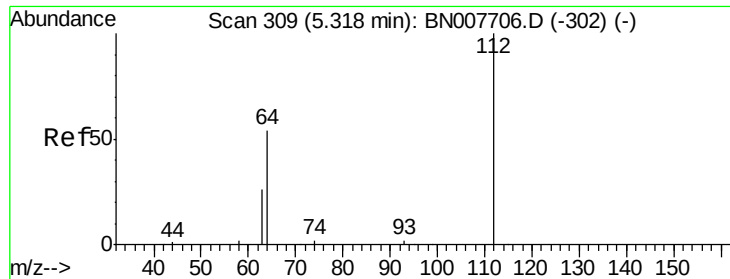
n-Nitrosodimethylamine
Concen: 2.126 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion: 42 Resp: 22031
Ion Ratio Lower Upper
42 100
74 154.0 87.9 131.9#
44 28.2 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: 0.241 ng

RT: 5.32 min Scan# 309

Delta R.T. 0.00 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

Instrument :

BNA_N

ClientSampleId :

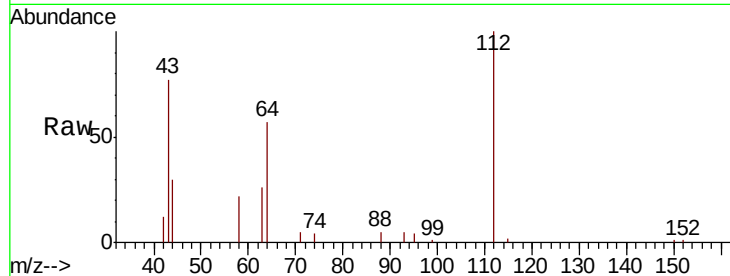
Tot Ion:112 Resp: 16851

Ion Ratio Lower Upper

112 100

64 57.3 46.6 70.0

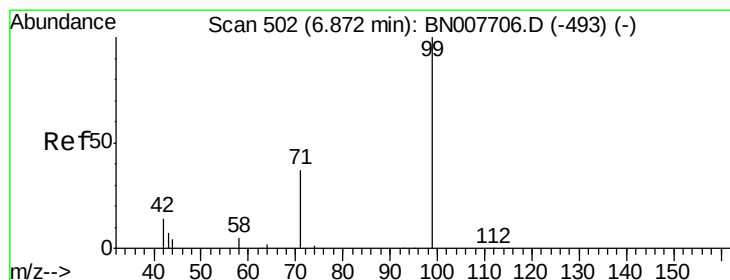
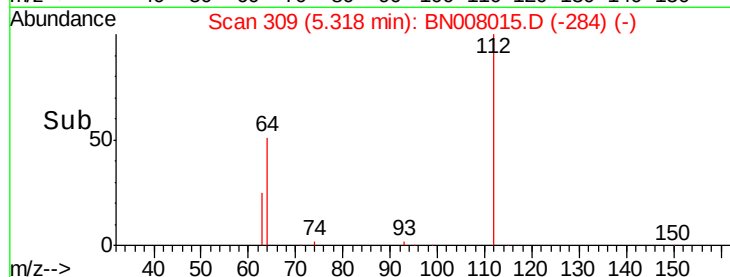
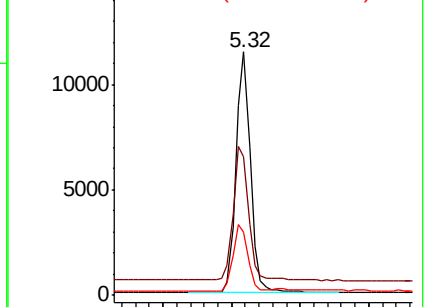
63 28.3 23.1 34.7



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: 0.254 ng

RT: 6.88 min Scan# 503

Delta R.T. 0.01 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

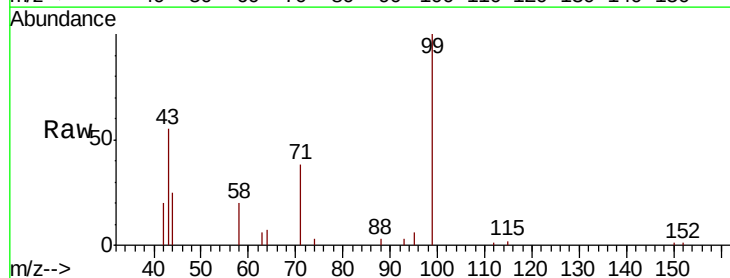
Tgt Ion: 99 Resp: 22315

Ion Ratio Lower Upper

99 100

42 20.9 12.8 19.2#

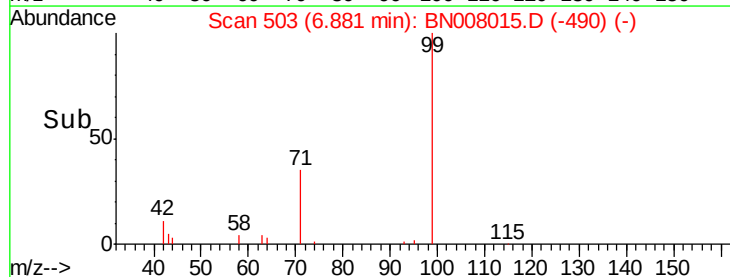
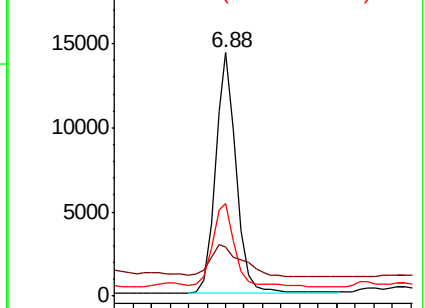
71 38.0 27.6 41.4

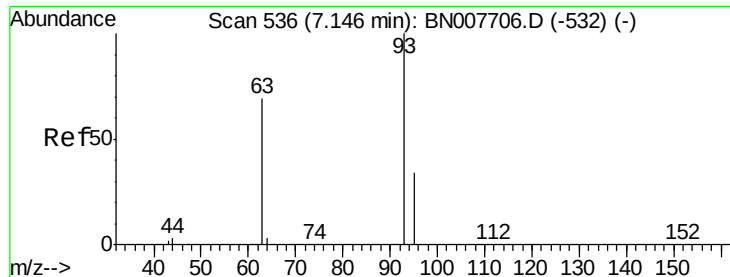


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.055 ng

RT: 7.13 min Scan# 534

Delta R.T. -0.02 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

Instrument :

BNA_N

ClientSampleId :

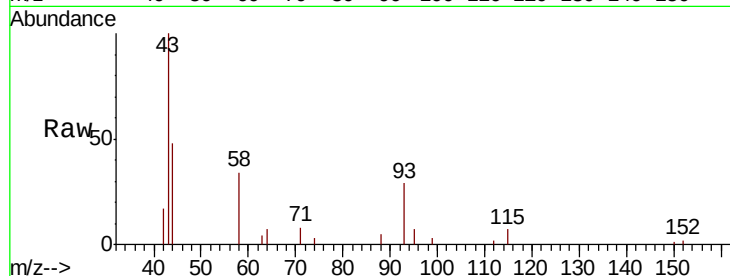
Tot Ion: 93 Resp: 3147

Ion Ratio Lower Upper

93 100

63 7.2 59.3 88.9#

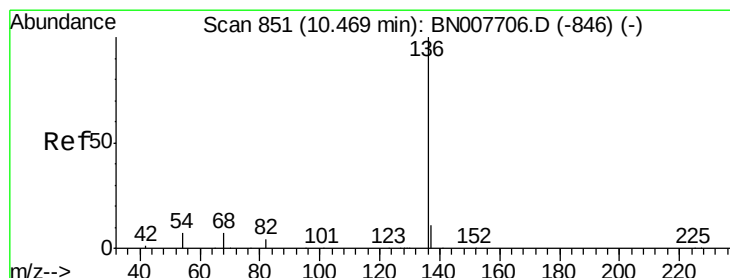
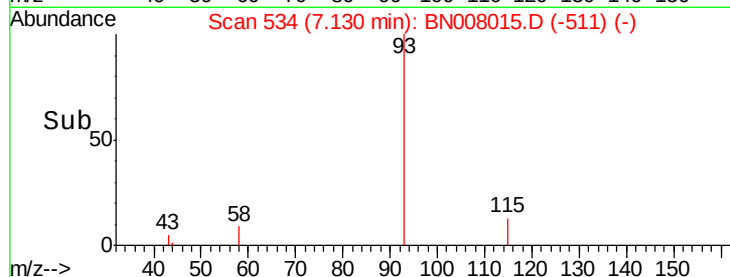
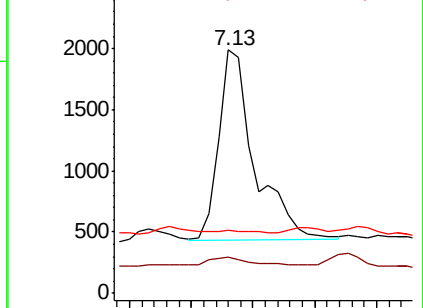
95 0.0 31.4 47.0#



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) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.46 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

Tgt Ion: 136 Resp: 82656

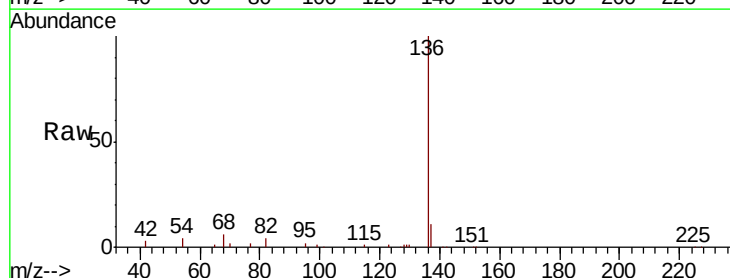
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 4.4 5.8 8.8#

68 5.5 6.5 9.7#

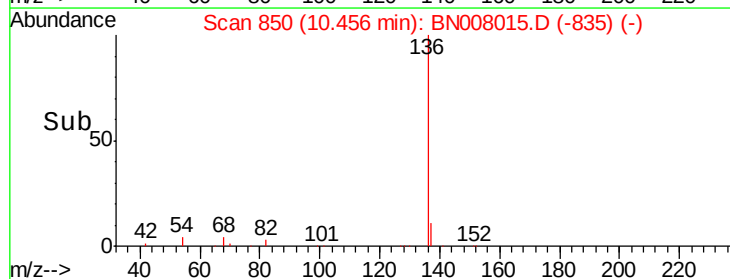
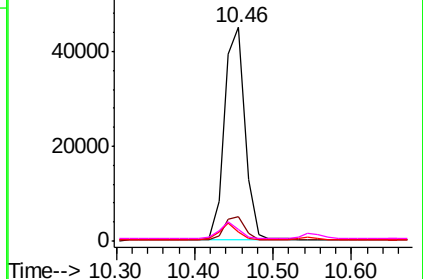


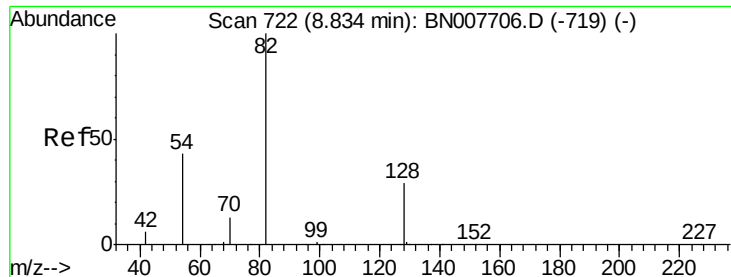
Abundance Ion 136.00 (135.70 to 136.70): BN007706.D (-846) (-)

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) (-)





#8

Nitrobenzene-d5

Concen: 0.268 ng

RT: 8.82 min Scan# 721

Delta R.T. -0.01 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

Instrument :

BNA_N

ClientSampleId :

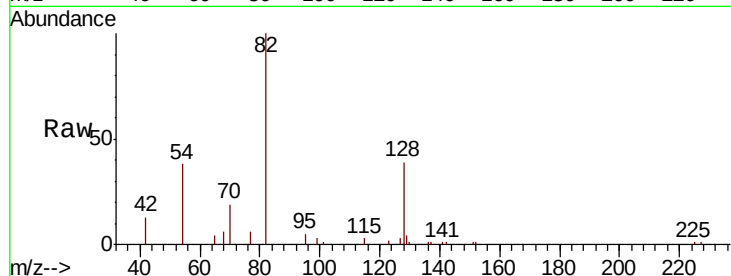
Tot Ion: 82 Resp: 19382

Ion Ratio Lower Upper

82 100

128 38.5 24.5 36.7#

54 38.3 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

15000

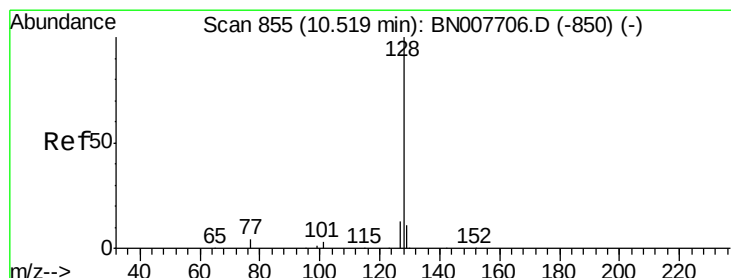
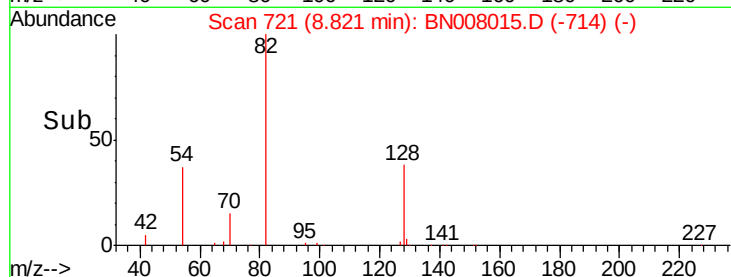
10000

5000

0

8.70 8.75 8.80 8.85 8.90

Time-->



#9

Naphthalene

Concen: 0.053 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

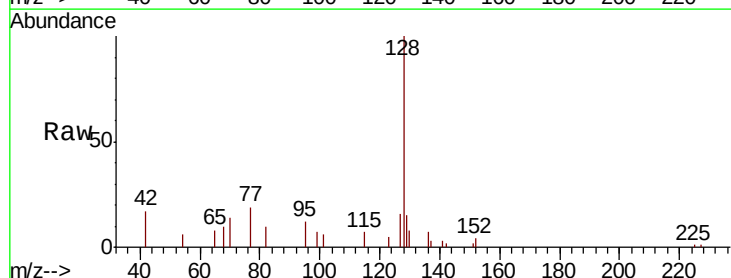
Tgt Ion: 128 Resp: 12219

Ion Ratio Lower Upper

128 100

129 15.4 9.1 13.7#

127 16.0 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

8000

6000

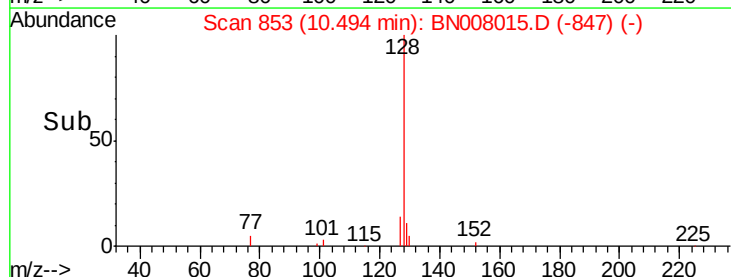
4000

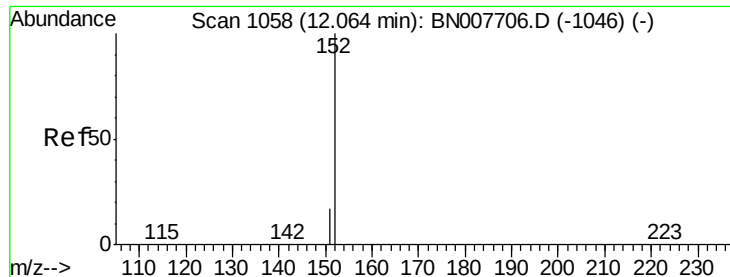
2000

0

10.40 10.50 10.60 10.70

Time-->

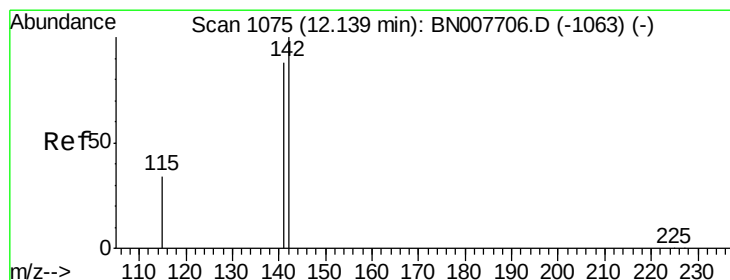
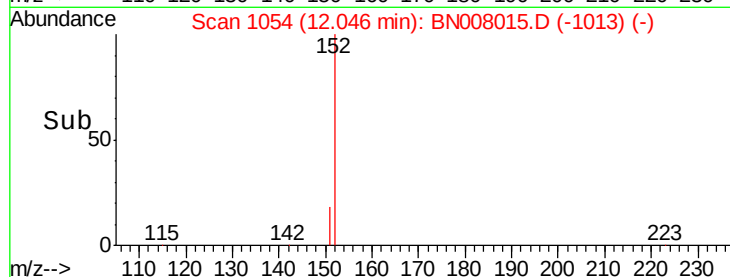
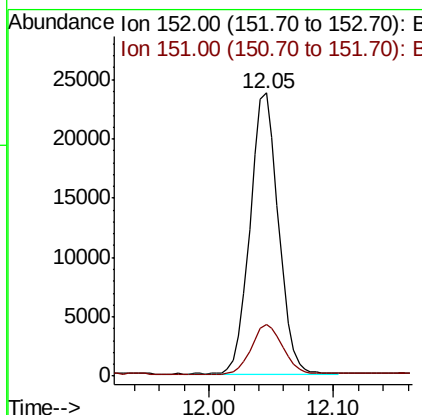
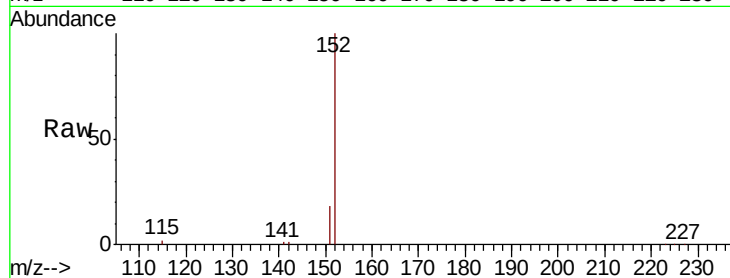




#11
 2-Methylnaphthalene-d10
 Concen: 0.268 ng
 RT: 12.05 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BN008015.D
 Acq: 04 Oct 2019 22:10

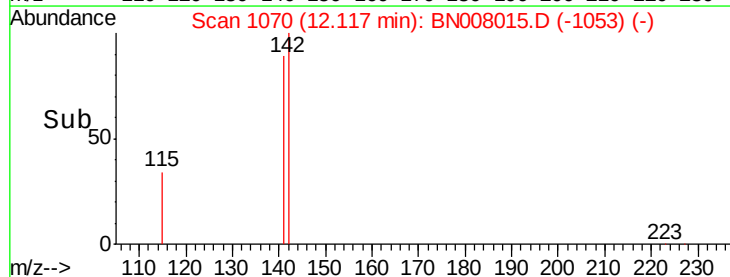
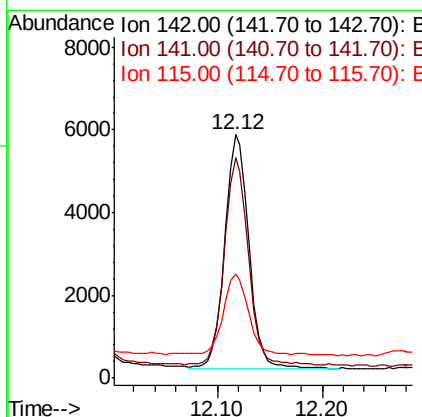
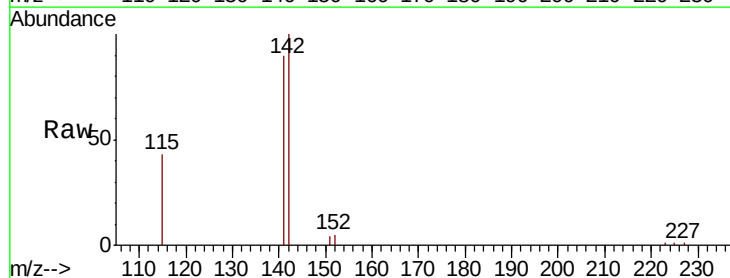
Instrument :
 BNA_N
 ClientSampled :

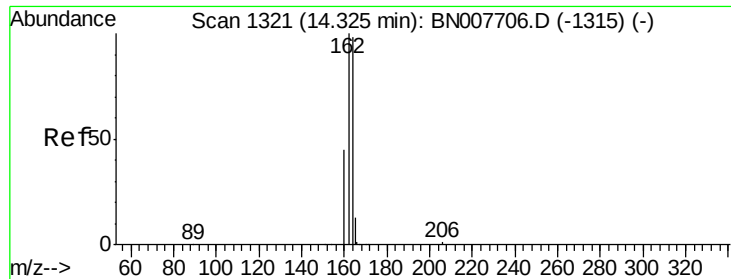
Tot Ion:152 Resp: 37348
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.057 ng
 RT: 12.12 min Scan# 1070
 Delta R.T. -0.02 min
 Lab File: BN008015.D
 Acq: 04 Oct 2019 22:10

Tgt Ion:142 Resp: 8921
 Ion Ratio Lower Upper
 142 100
 141 90.4 70.6 106.0
 115 42.8 28.3 42.5#

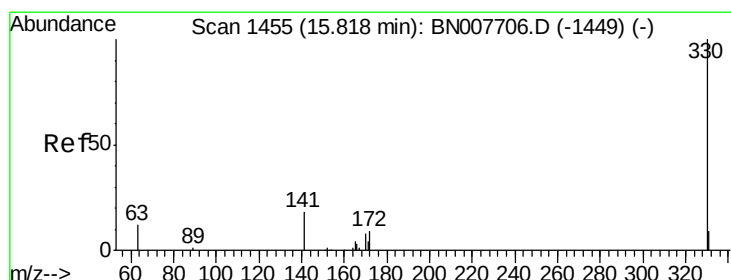
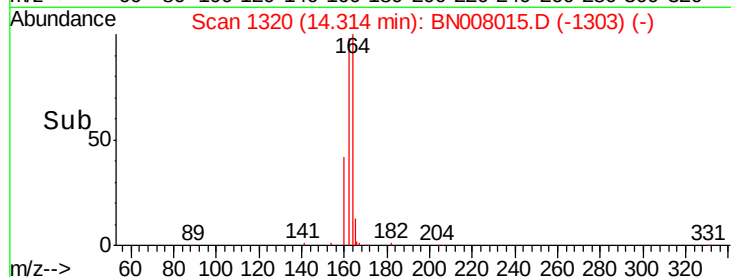
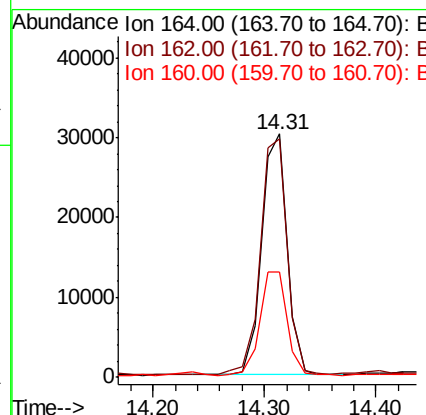
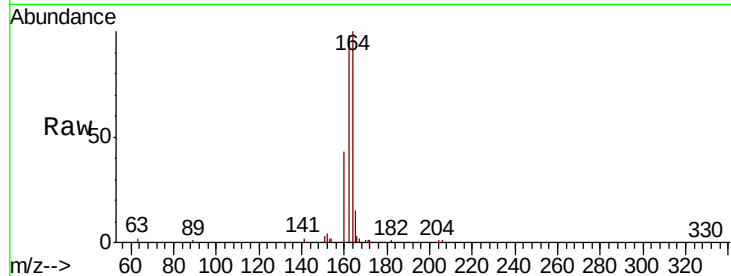




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

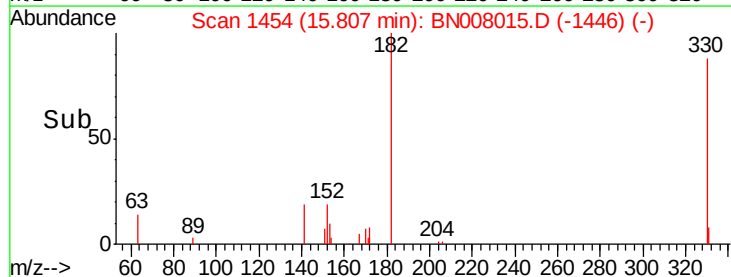
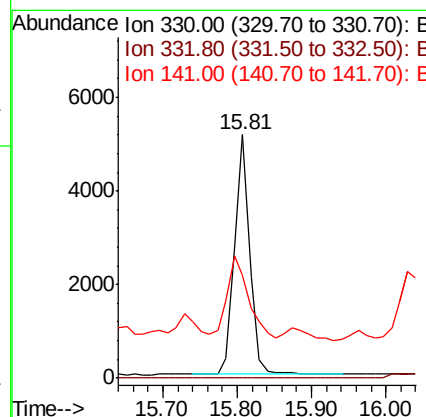
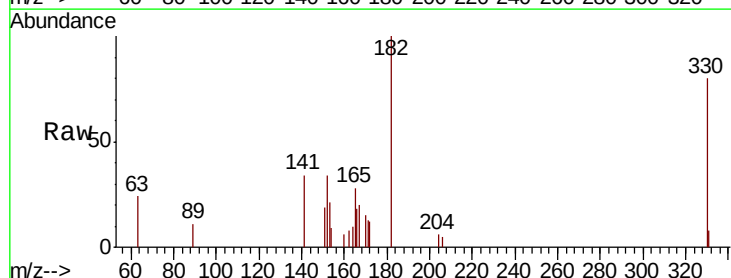
Instrument :
BNA_N
ClientSampleId :

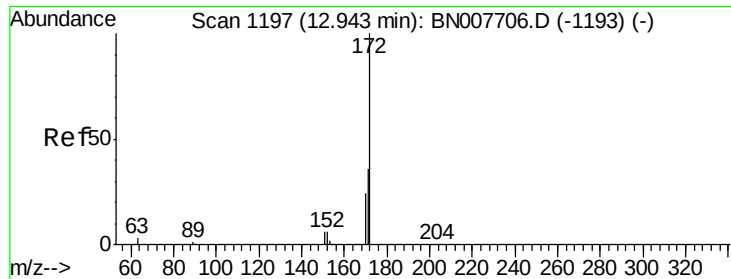
Tot Ion:164 Resp: 48379
Ion Ratio Lower Upper
164 100
162 98.1 81.7 122.5
160 43.1 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion:330 Resp: 7275
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 47.6 28.7 43.1#

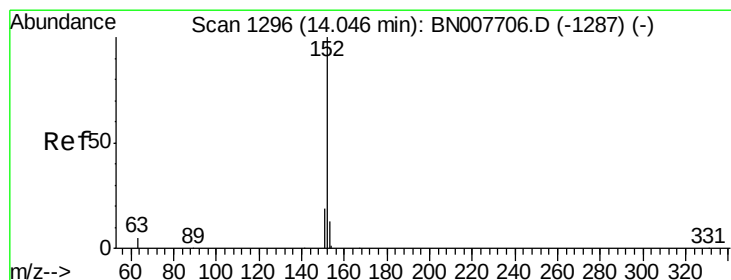
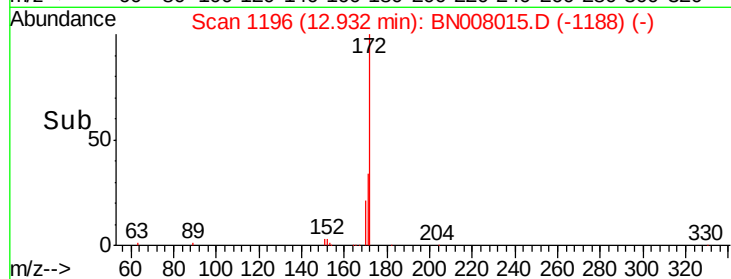
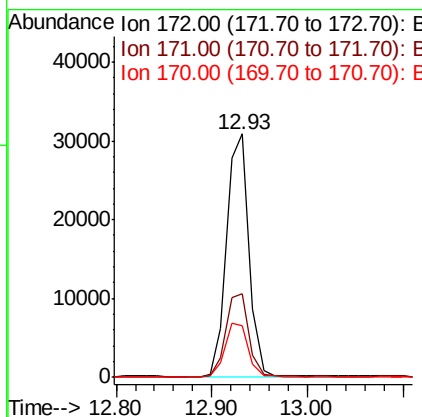
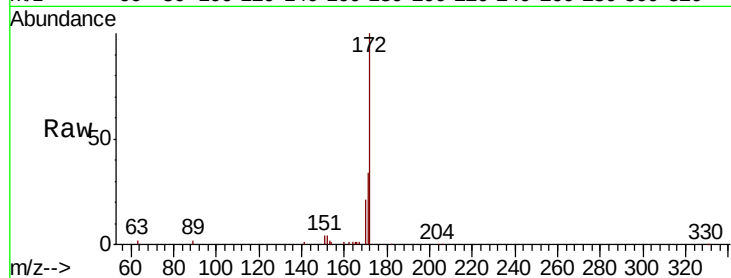




#15
2-Fluorobiphenyl
Concen: 0.250 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

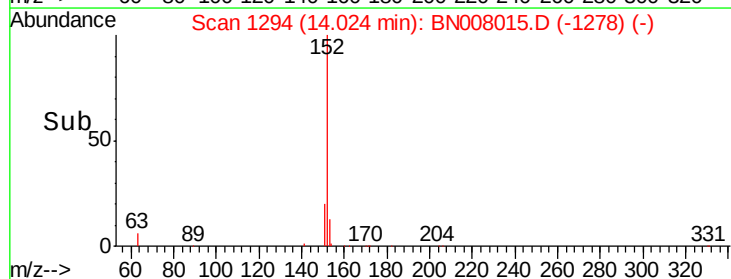
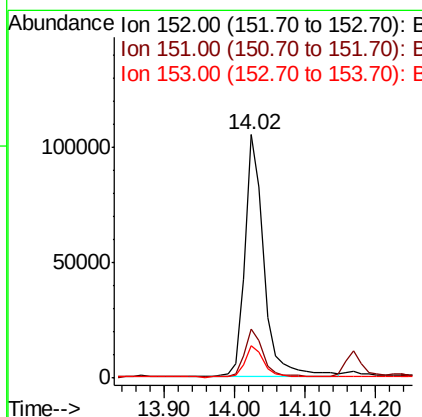
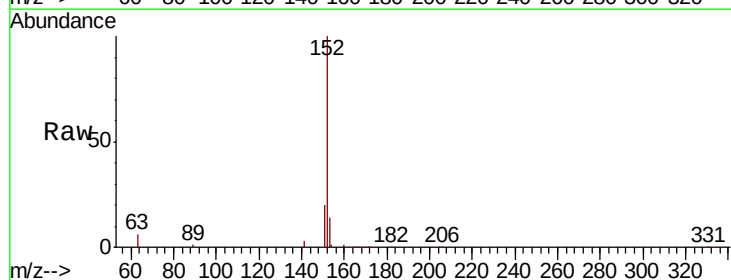
Instrument :
BNA_N
ClientSampleId :

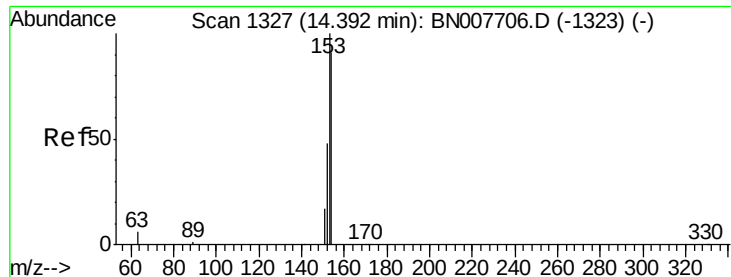
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.8	43.2
170	21.3	19.5	29.3



#16
Acenaphthylene
Concen: 0.757 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.3	10.4	15.6





#17

Acenaphthene

Concen: 0.099 ng

RT: 14.37 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

Instrument :

BNA_N

ClientSampleId :

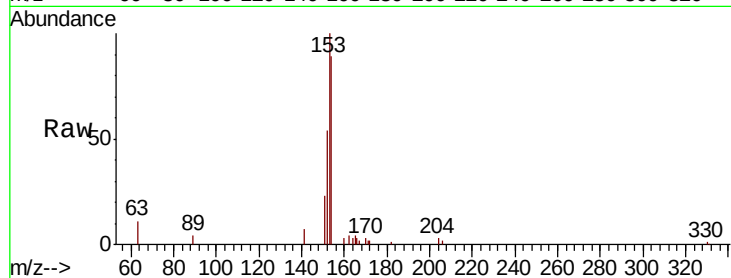
Tot Ion:154 Resp: 16424

Ion Ratio Lower Upper

154 100

153 108.4 87.0 130.4

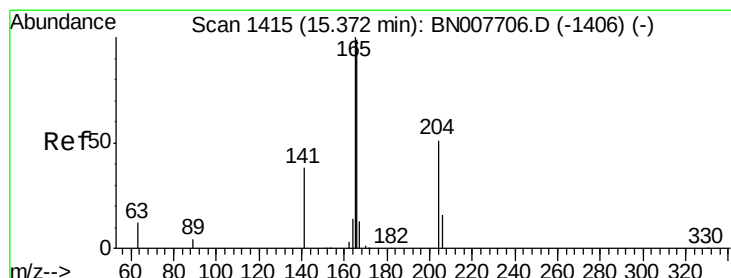
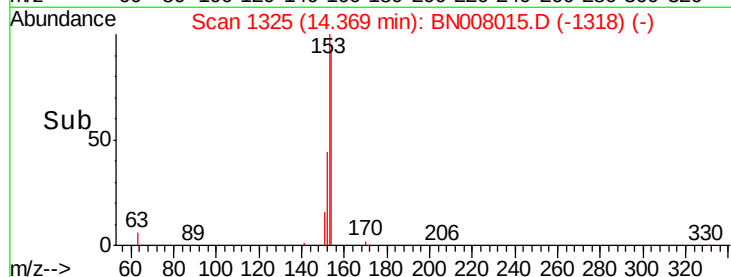
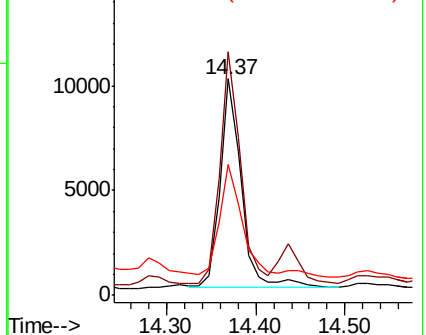
152 54.1 42.7 64.1



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: 0.179 ng

RT: 15.36 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

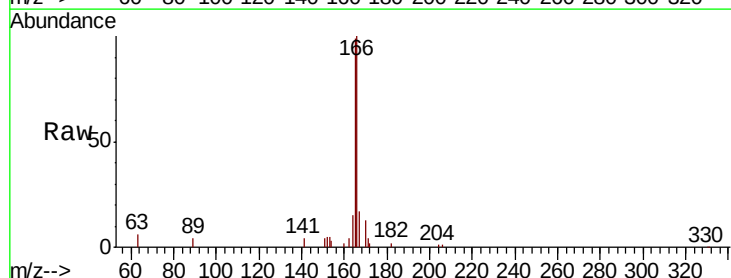
Tgt Ion:166 Resp: 38034

Ion Ratio Lower Upper

166 100

165 110.4 78.0 117.0

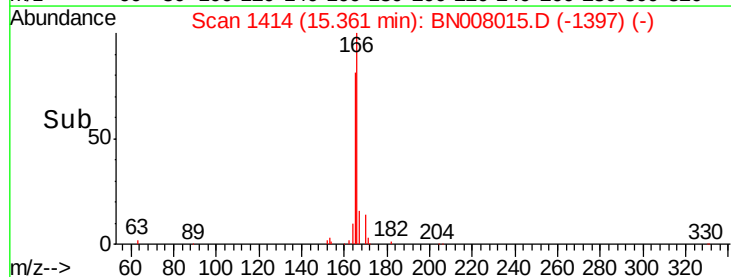
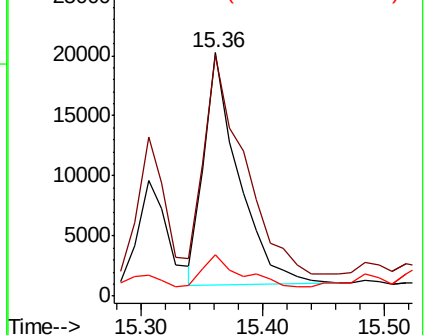
167 15.9 10.9 16.3

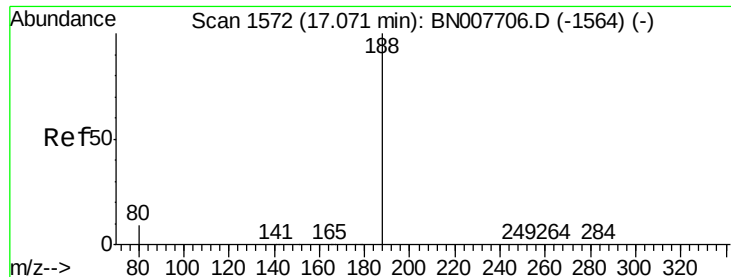


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.06 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

Instrument :

BNA_N

ClientSampleId :

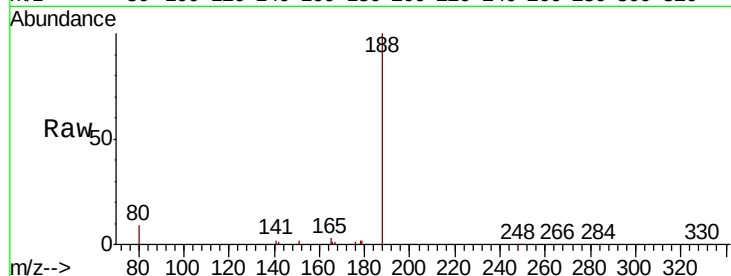
Tot Ion:188 Resp: 99836

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

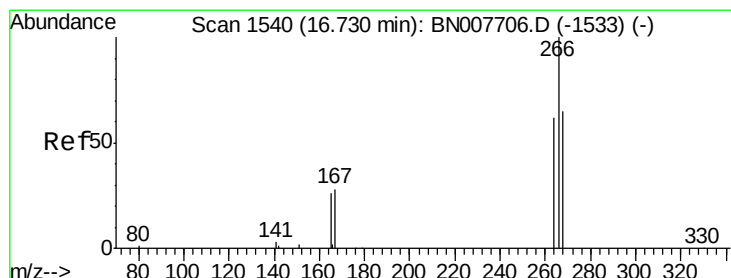
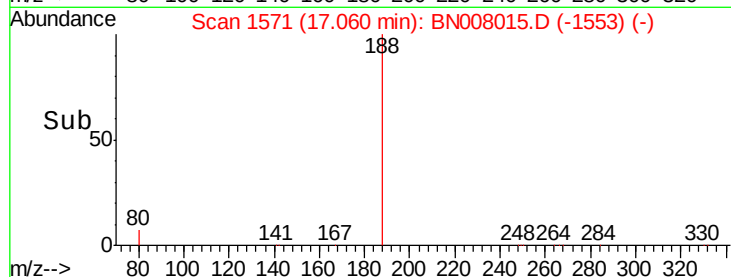
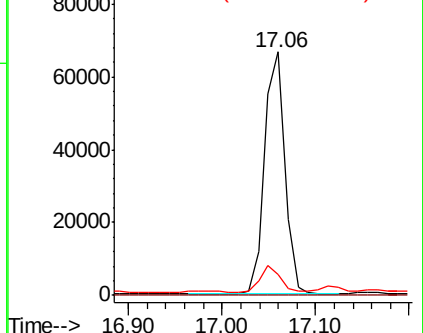
80 8.6 7.4 11.2



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: 0.026 ng

RT: 16.72 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

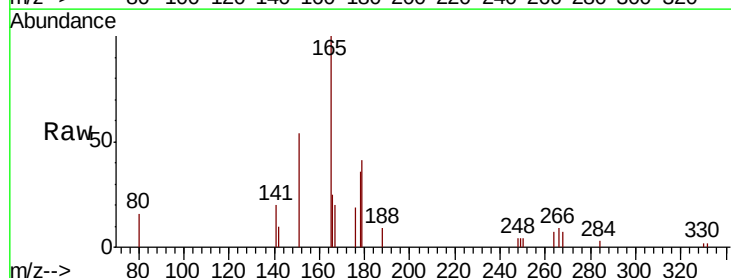
Tgt Ion:266 Resp: 642

Ion Ratio Lower Upper

266 100

264 75.2 50.0 75.0#

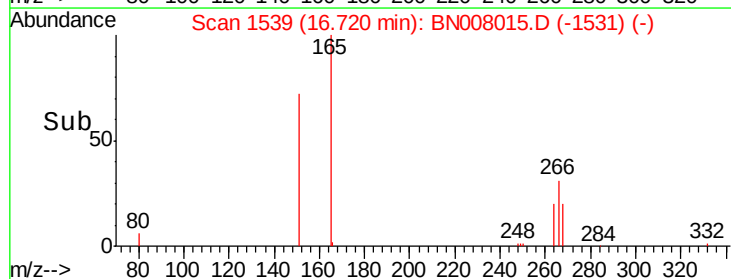
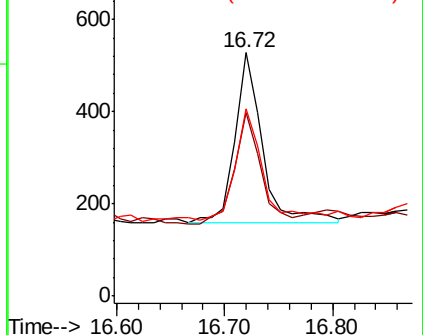
268 76.7 54.2 81.4

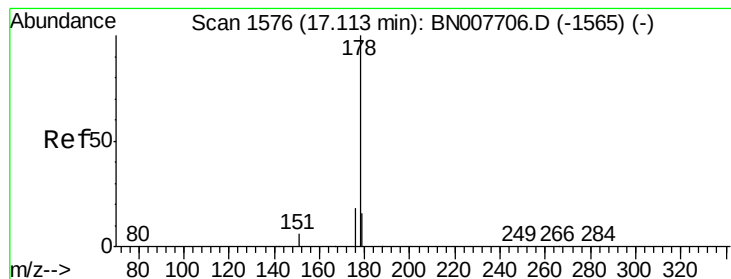


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.156 ng

RT: 17.09 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

Instrument :

BNA_N

ClientSampleId :

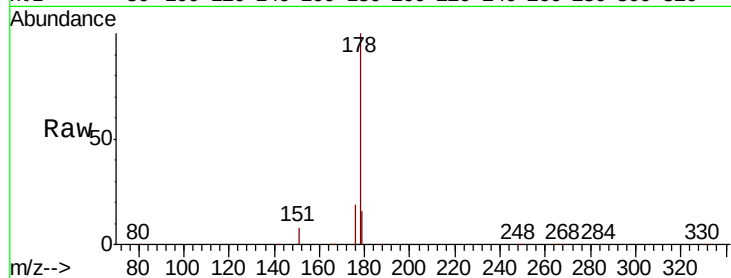
Tot Ion:178 Resp: 670602

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.9 12.5 18.7

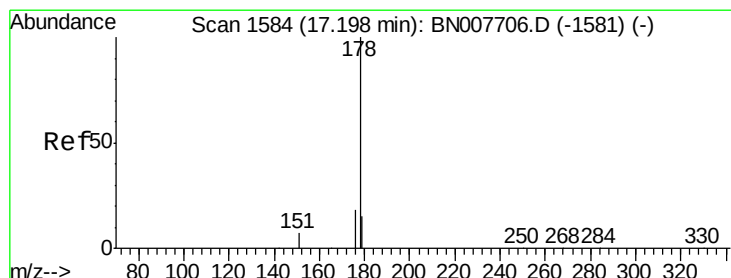
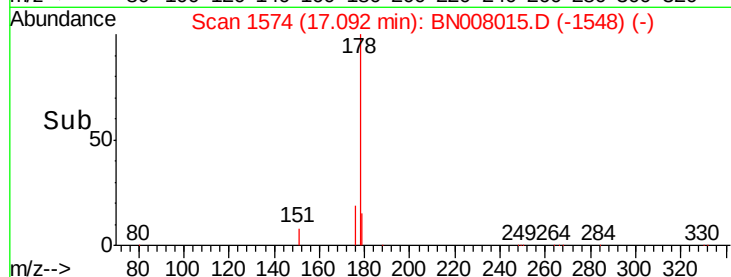
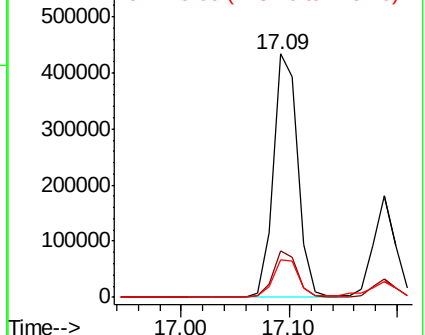


Abundance

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: 0.882 ng

RT: 17.19 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

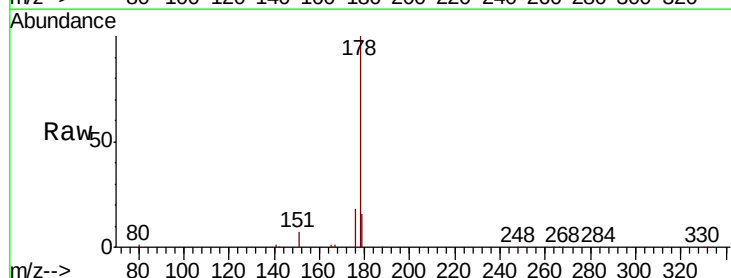
Tgt Ion:178 Resp: 247767

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

179 17.8 12.2 18.4

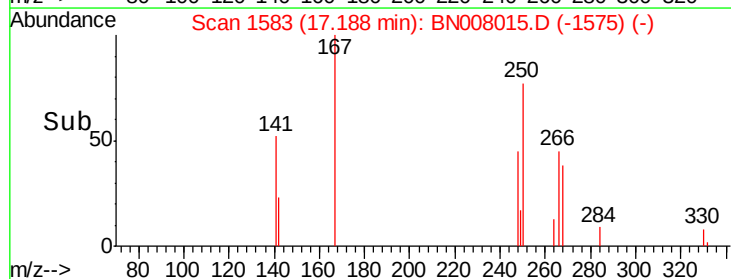
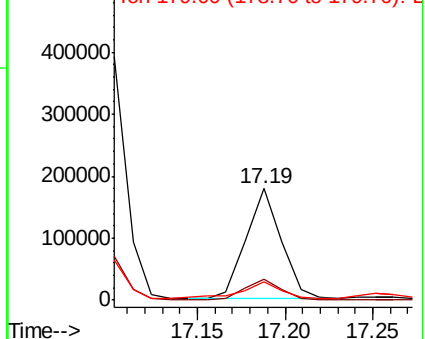


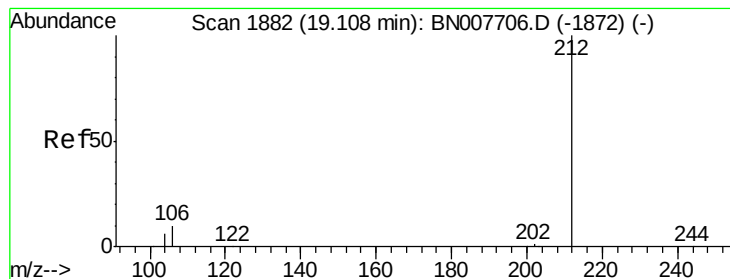
Abundance

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: 0.295 ng

RT: 19.09 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

Instrument :

BNA_N

ClientSampleId :

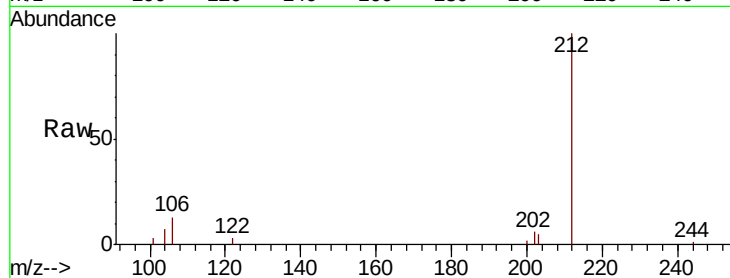
Tot Ion:212 Resp: 99225

Ion Ratio Lower Upper

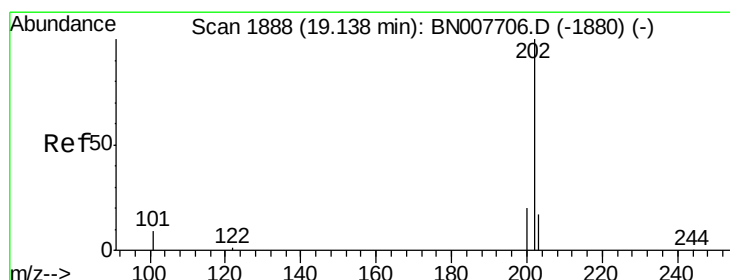
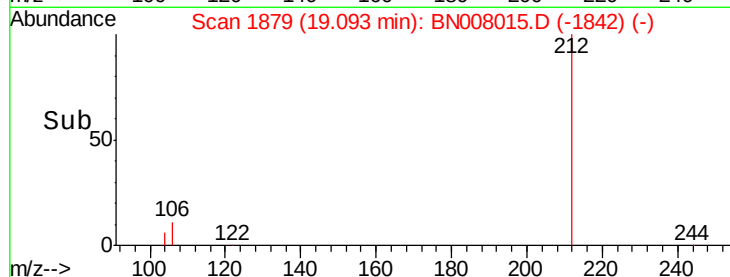
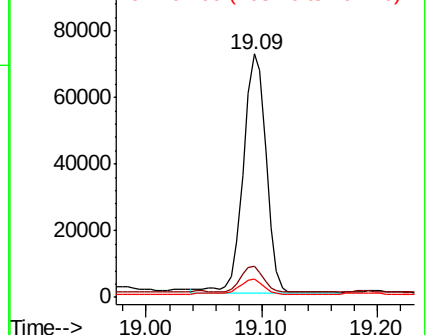
212 100

106 10.5 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: 4.698 ng

RT: 19.12 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

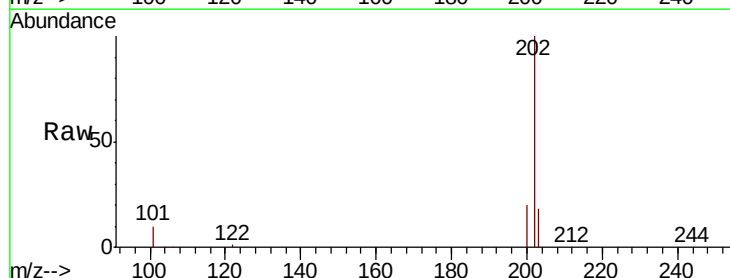
Tgt Ion:202 Resp: 1816877

Ion Ratio Lower Upper

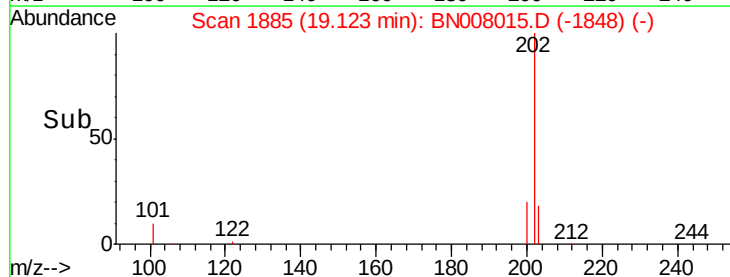
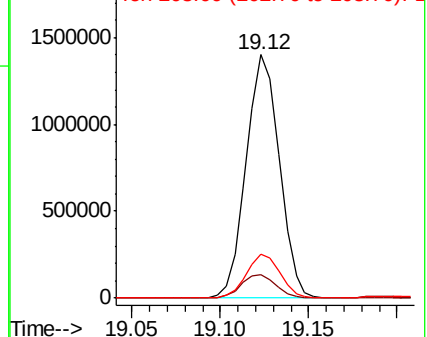
202 100

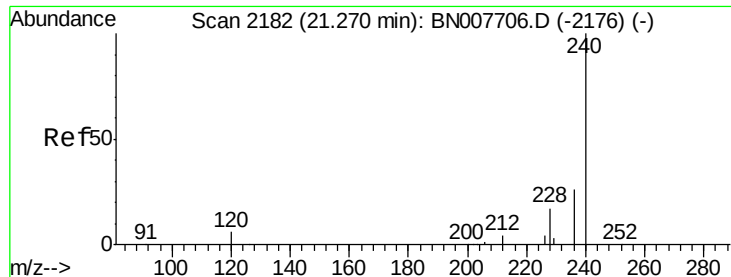
101 10.1 8.4 12.6

203 17.8 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: BN008015.D

Acq: 04 Oct 2019 22:10

Instrument :

BNA_N

ClientSampleId :

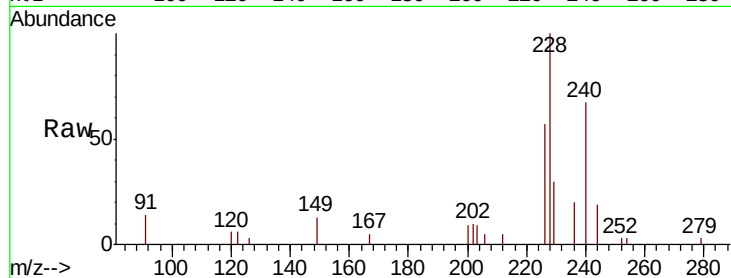
Tot Ion:240 Resp: 128727

Ion Ratio Lower Upper

240 100

120 9.4 5.4 8.2#

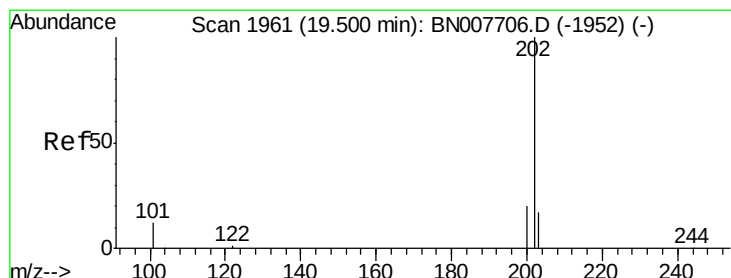
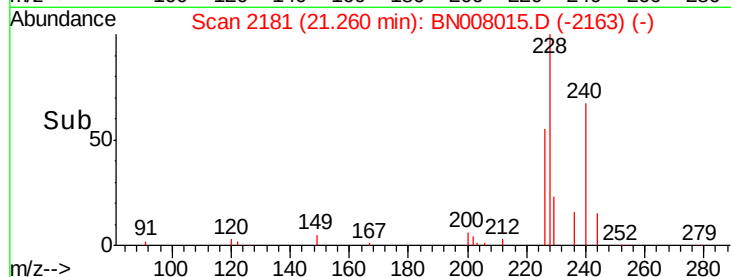
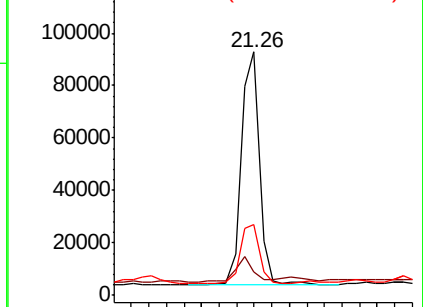
236 29.3 21.0 31.4



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: 3.968 ng

RT: 19.49 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

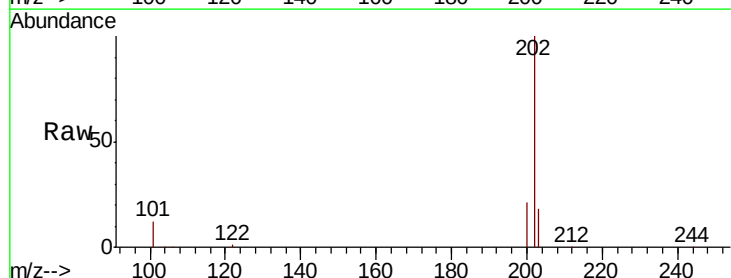
Tgt Ion:202 Resp: 1741984

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

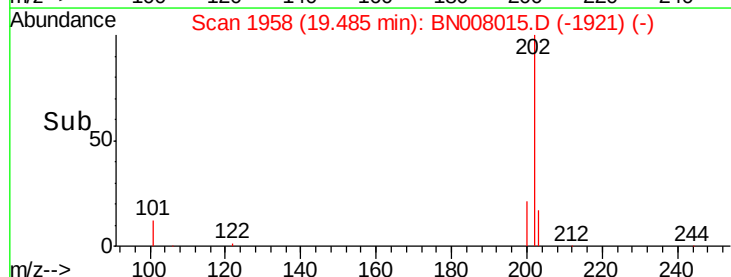
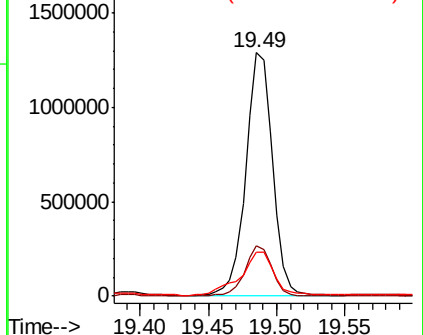
203 22.0 14.1 21.1#

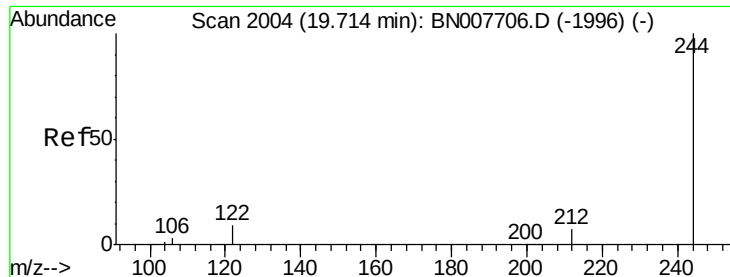


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.260 ng

RT: 19.69 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

Instrument :

BNA_N

ClientSampleId :

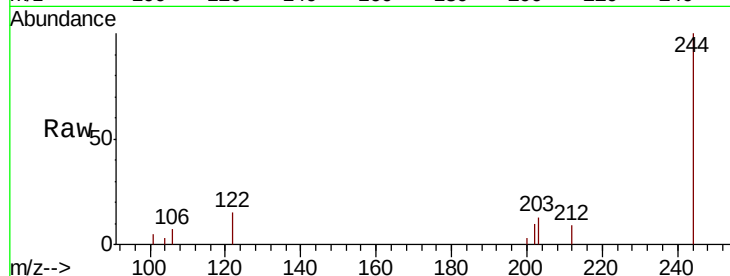
Tot Ion:244 Resp: 82194

Ion Ratio Lower Upper

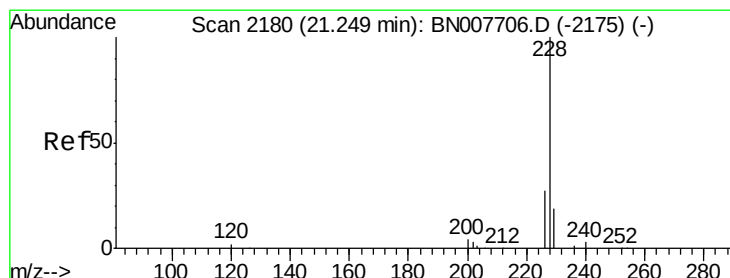
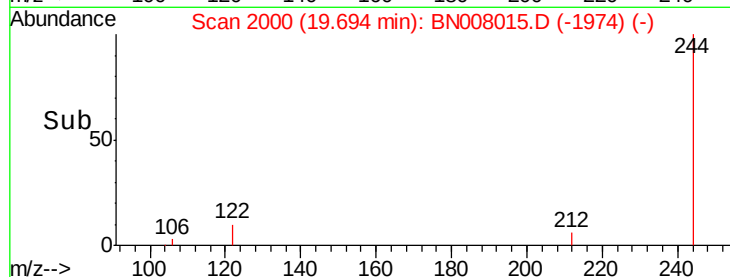
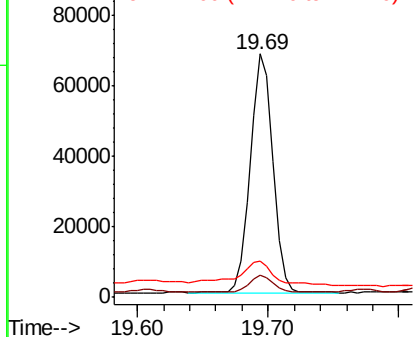
244 100

212 9.0 5.9 8.9#

122 15.1 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: 2.356 ng

RT: 21.24 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

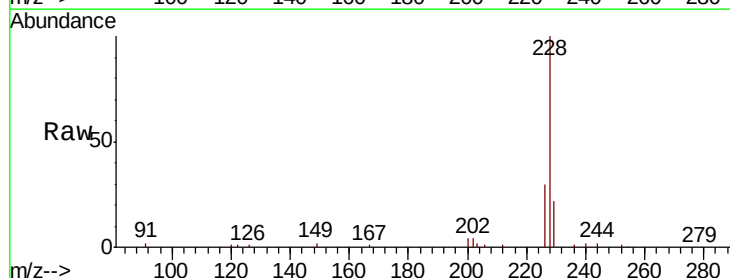
Tgt Ion:228 Resp: 1116735

Ion Ratio Lower Upper

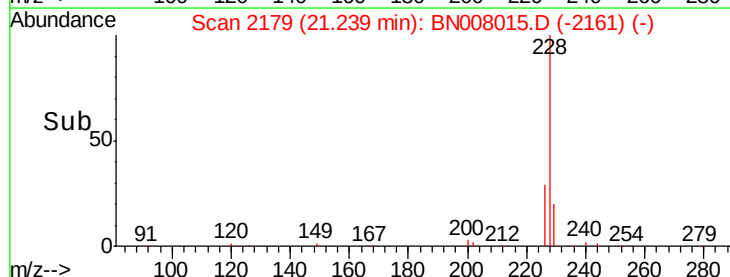
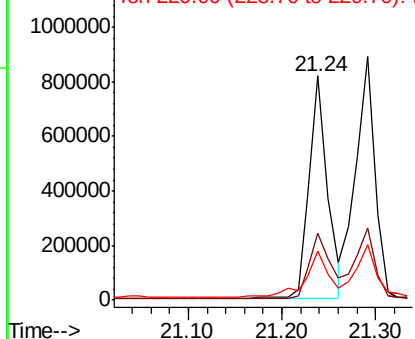
228 100

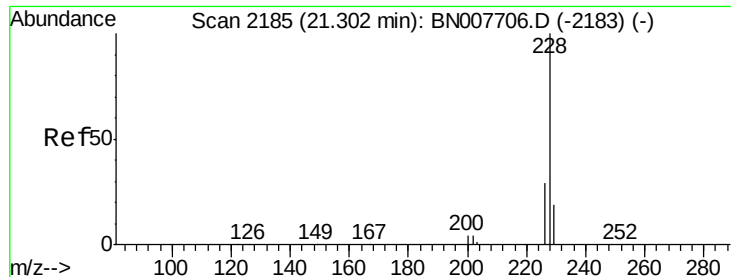
226 29.8 22.1 33.1

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



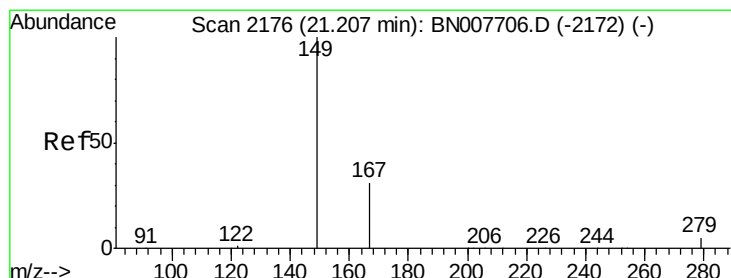
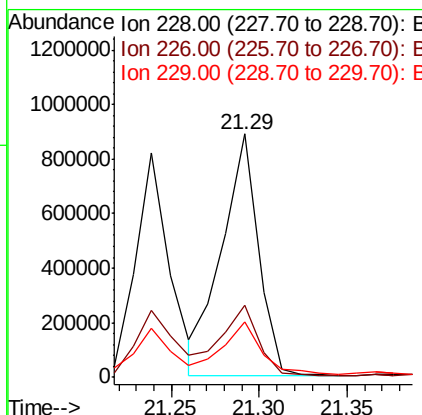
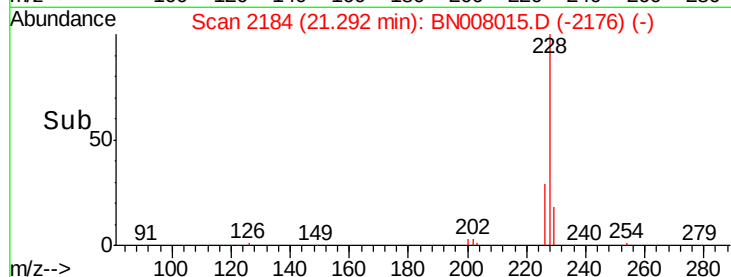
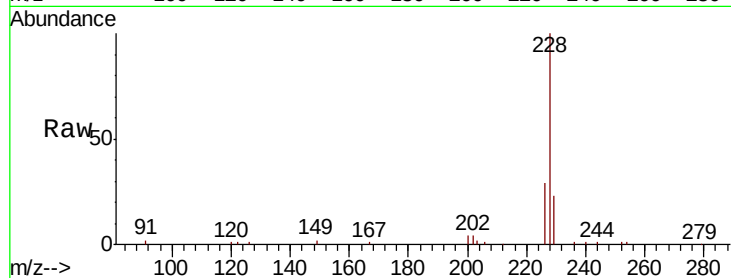


#31
 Chrysene
 Concen: 2.757 ng
 RT: 21.29 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BN008015.D
 Acq: 04 Oct 2019 22:10

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:228 Resp: 1273726

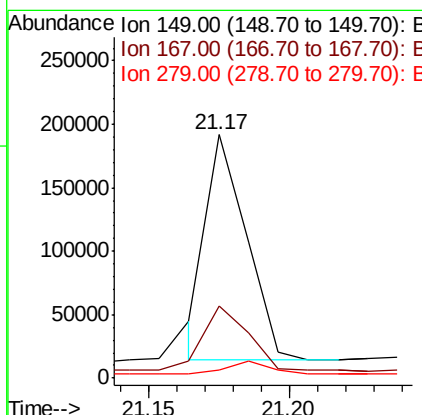
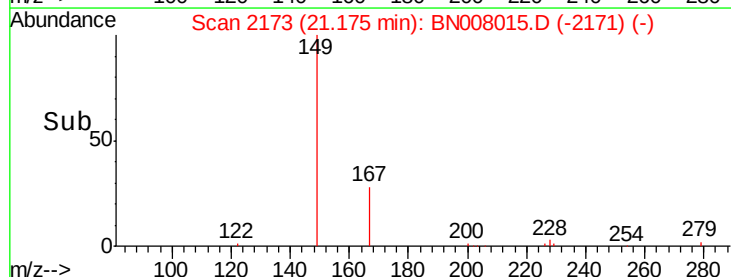
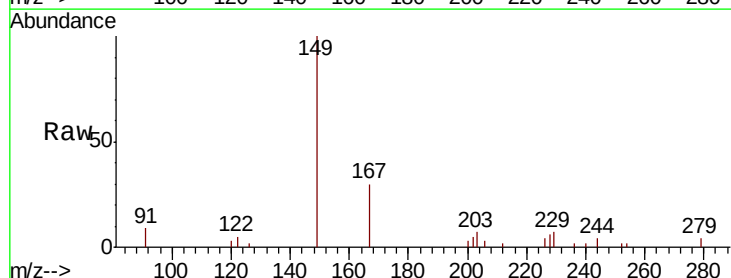
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	22.8	15.8	23.6

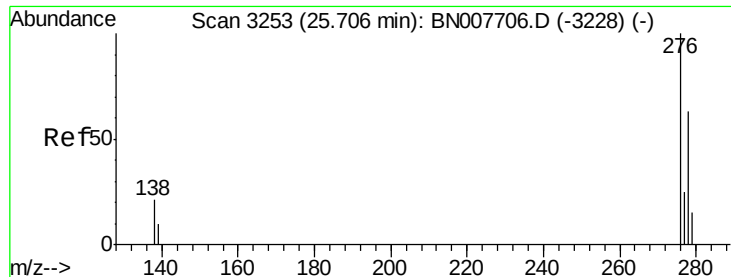


#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.723 ng
 RT: 21.17 min Scan# 2173
 Delta R.T. -0.03 min
 Lab File: BN008015.D
 Acq: 04 Oct 2019 22:10

Tgt Ion:149 Resp: 176189

Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.7	35.5
279	6.0	4.2	6.2

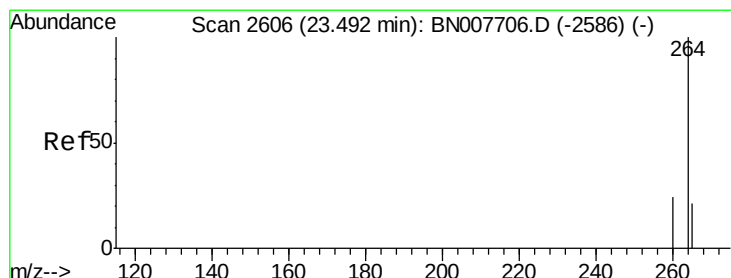
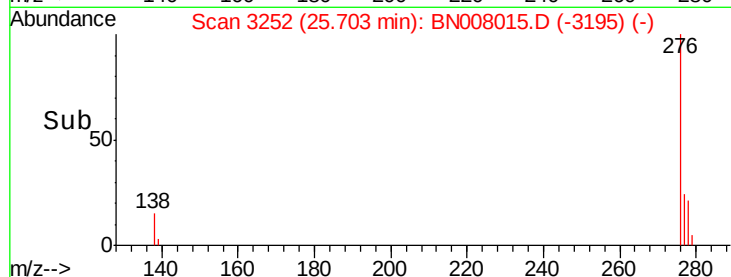
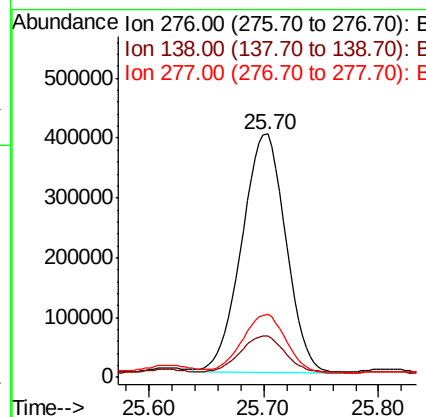
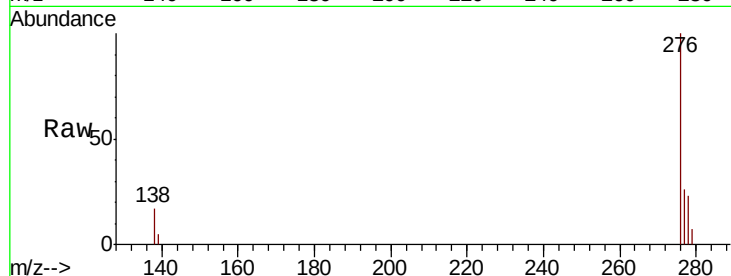




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.842 ng
 RT: 25.70 min Scan# 3252
 Delta R.T. -0.00 min
 Lab File: BN008015.D
 Acq: 04 Oct 2019 22:10

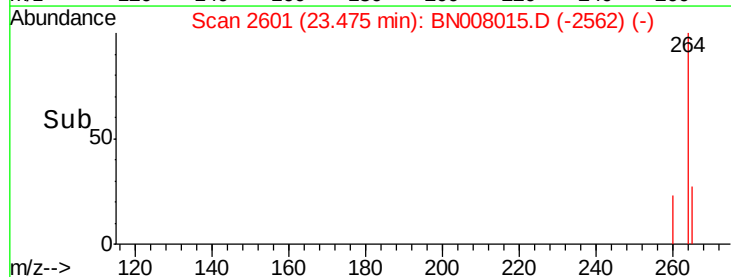
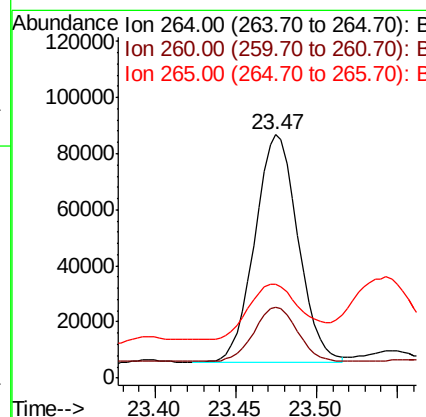
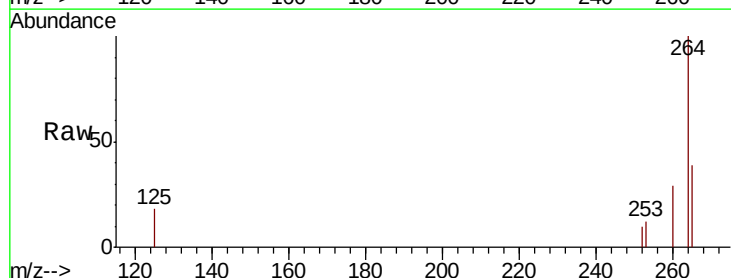
Instrument :
 BNA_N
 ClientSampleId :

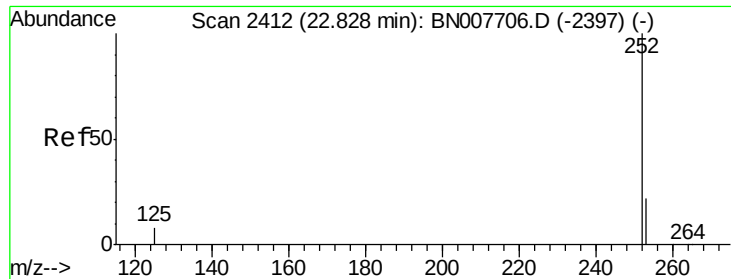
Tot Ion:276 Resp: 1065293
 Ion Ratio Lower Upper
 276 100
 138 16.2 17.1 25.7#
 277 24.7 20.0 30.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.47 min Scan# 2601
 Delta R.T. -0.02 min
 Lab File: BN008015.D
 Acq: 04 Oct 2019 22:10

Tgt Ion:264 Resp: 150913
 Ion Ratio Lower Upper
 264 100
 260 29.2 19.3 28.9#
 265 38.6 26.9 40.3

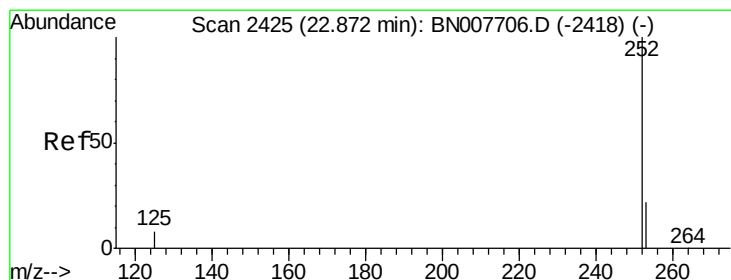
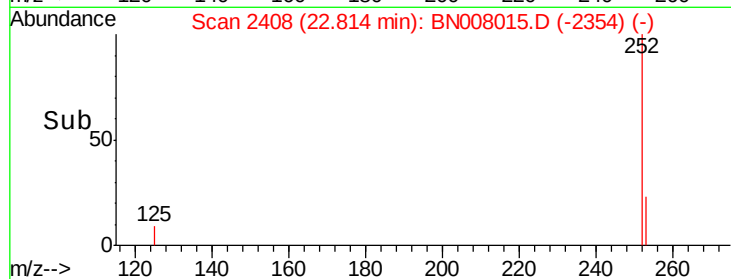
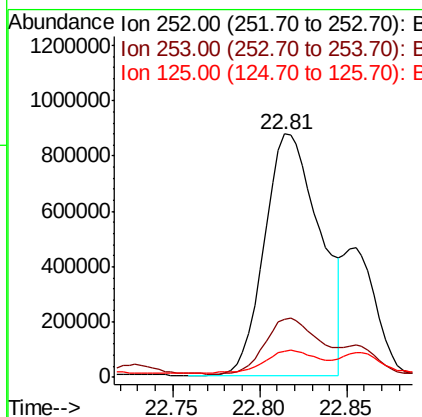
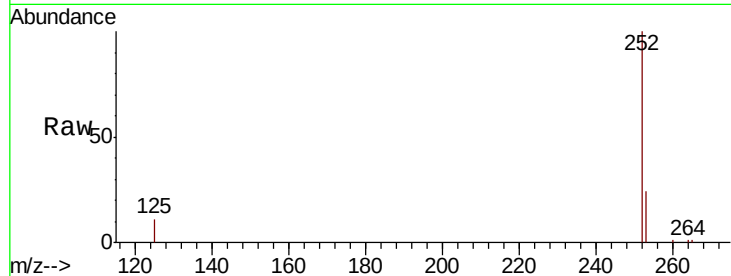




#35
Benzo(b)fluoranthene
Concen: 3.689 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

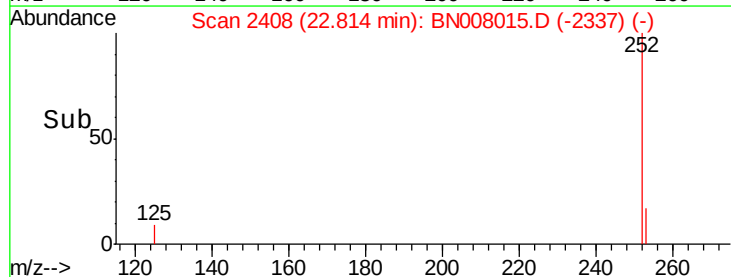
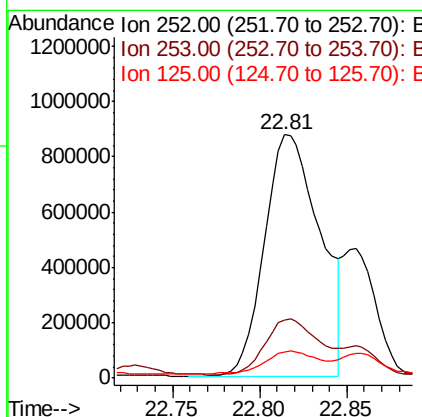
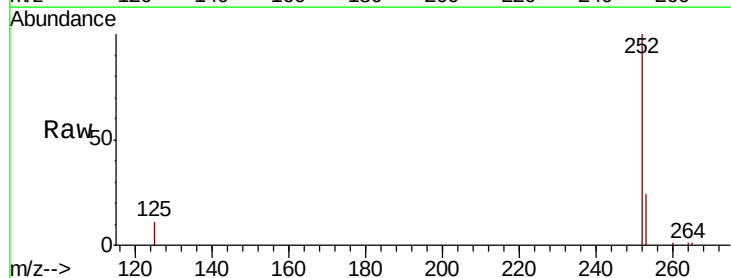
Instrument :
BNA_N
ClientSampled :

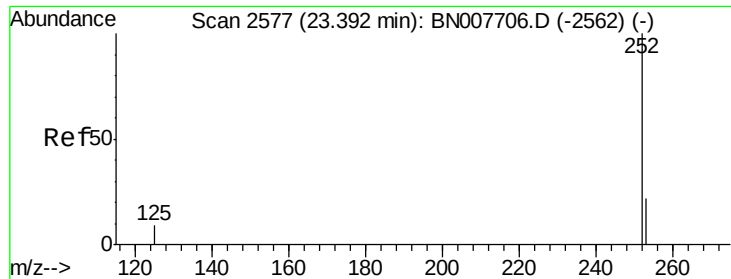
Tot Ion:252 Resp: 1932689
Ion Ratio Lower Upper
252 100
253 24.1 18.3 27.5
125 10.7 8.2 12.4



#36
Benzo(k)fluoranthene
Concen: 3.731 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.06 min
Lab File: BN008015.D
Acq: 04 Oct 2019 22:10

Tgt Ion:252 Resp: 1932689
Ion Ratio Lower Upper
252 100
253 24.1 18.5 27.7
125 10.7 8.4 12.6





#37

Benzo(a)pyrene

Concen: 2.474 ng

RT: 23.38 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

Instrument :

BNA_N

ClientSampleId :

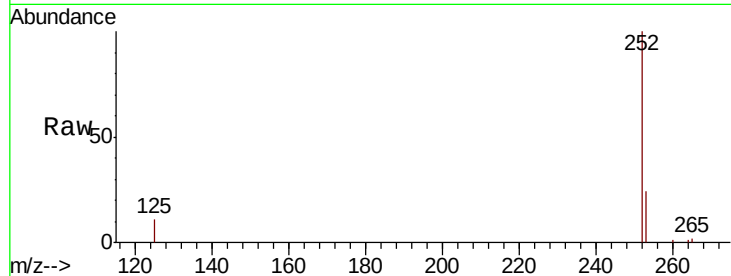
Tot Ion:252 Resp: 1217917

Ion Ratio Lower Upper

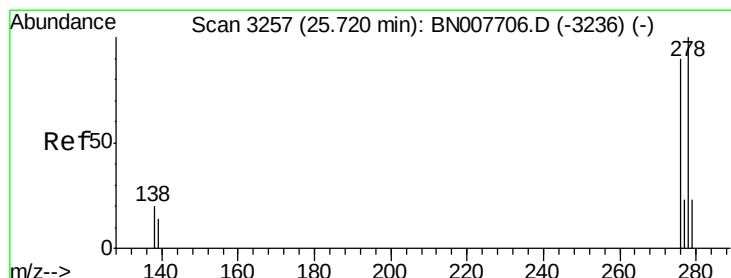
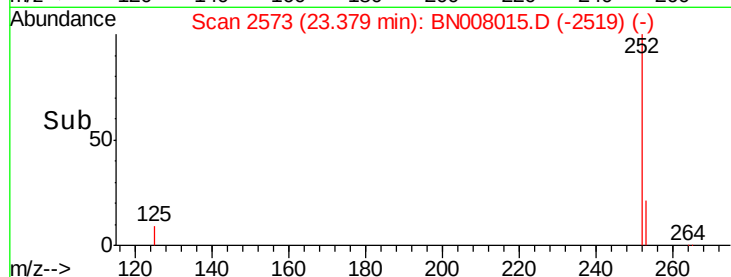
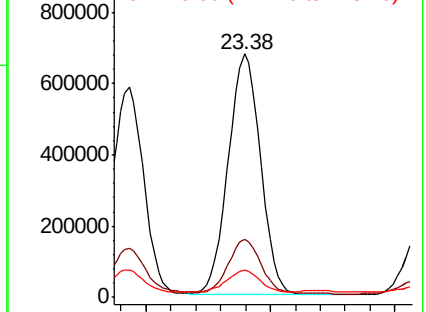
252 100

253 23.8 18.6 27.8

125 11.0 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: 0.525 ng

RT: 25.70 min Scan# 3252

Delta R.T. -0.02 min

Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

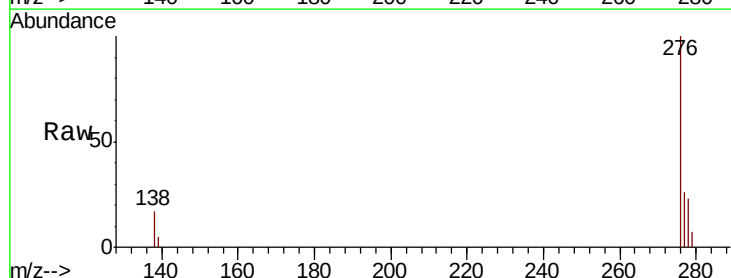
Tgt Ion:278 Resp: 264593

Ion Ratio Lower Upper

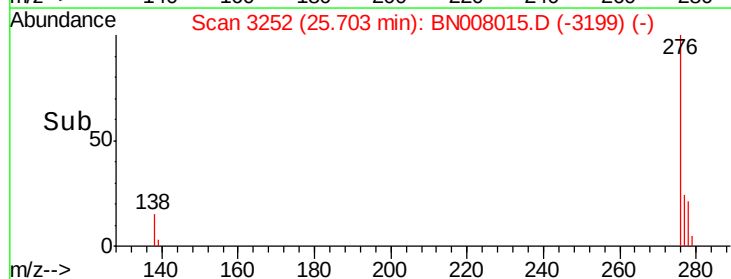
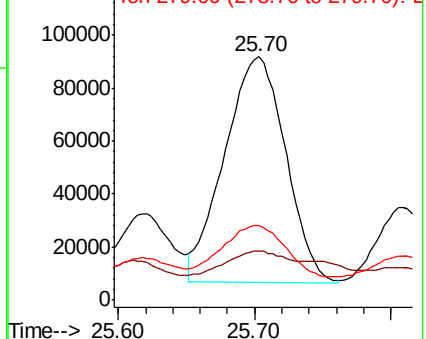
278 100

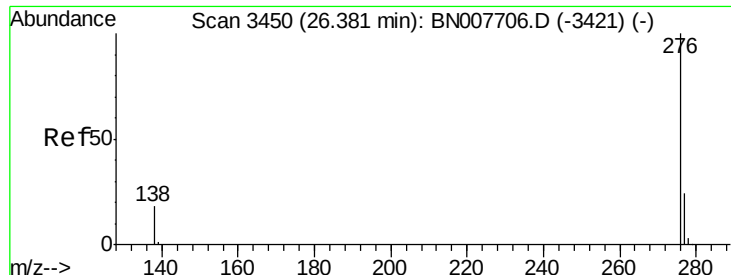
139 20.2 11.8 17.6#

279 30.6 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: 2.230 ng

RT: 26.38 min Scan# 3451

Delta R.T. 0.00 min

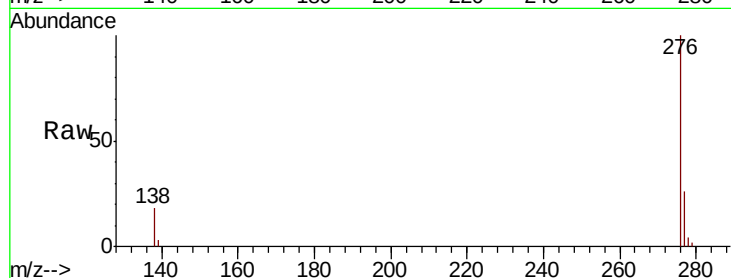
Lab File: BN008015.D

Acq: 04 Oct 2019 22:10

Instrument :

BNA_N

ClientSampleId :



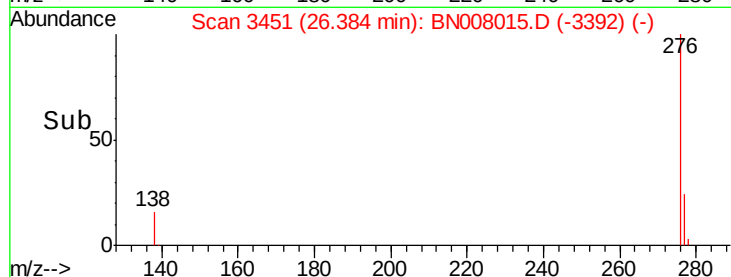
Tot Ion:276 Resp: 1111761

Ion Ratio Lower Upper

276 100

277 25.5 19.8 29.8

138 17.5 15.1 22.7



Abundance Ion 276.00 (275.70 to 276.70): E

500000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

