

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
 Data File : BN007290.D
 Acq On : 21 Aug 2019 12:39
 Operator : HP/JU
 Sample : K4282-16MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 21 13:47:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 18:52:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	5985	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	22746	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	13067	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	30307	0.40	ng	0.00
27) Chrysene-d12	21.03	240	32143	0.40	ng	0.00
34) Perylene-d12	23.14	264	34972	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.04	112	6888	0.38	ng	0.00
5) Phenol-d6	6.60	99	9029	0.43	ng	0.00
8) Nitrobenzene-d5	8.54	82	6630	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	18773	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	2590	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	18258	0.33	ng	0.00
25) Fluoranthene-d10	18.85	212	30629	0.32	ng	0.00
29) Terphenyl-d14	19.48	244	22442	0.28	ng	0.00

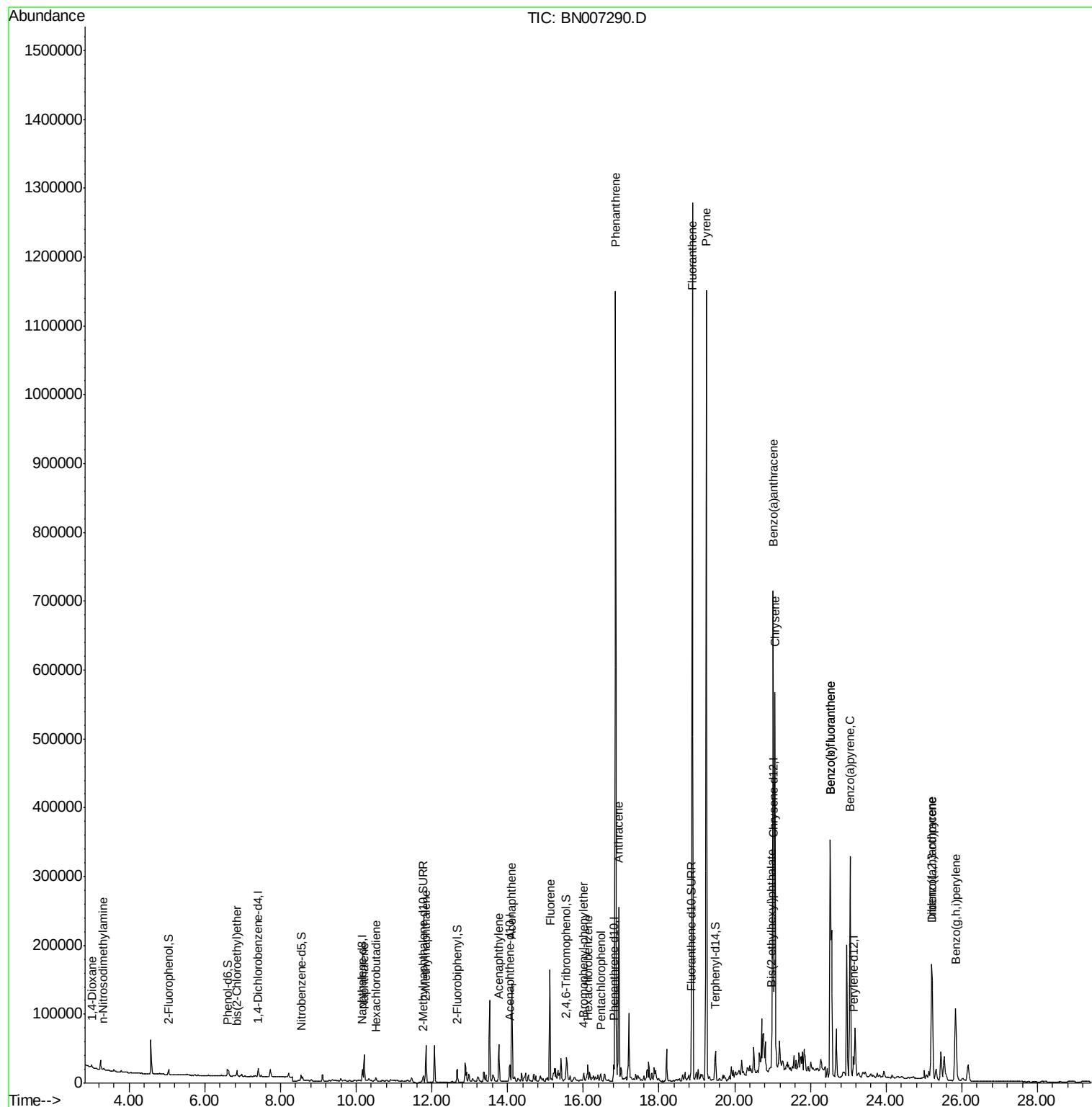
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	2121	0.250	ng	# 50
3) n-Nitrosodimethylamine	3.32	42	1879	0.330	ng	# 89
6) bis(2-Chloroethyl)ether	6.85	93	6613	0.374	ng	98
9) Naphthalene	10.22	128	47558	0.738	ng	100
10) Hexachlorobutadiene	10.52	225	4203	0.296	ng	# 97
12) 2-Methylnaphthalene	11.84	142	39284	0.880	ng	99
16) Acenaphthylene	13.77	152	57382	0.828	ng	97
17) Acenaphthene	14.11	154	75036	1.699	ng	99
18) Fluorene	15.12	166	97406	1.688	ng	97
20) 4-Bromophenyl-phenylether	16.01	248	6084	0.350	ng	# 79
21) Hexachlorobenzene	16.12	284	5918	0.295	ng	99
22) Pentachlorophenol	16.46	266	985	0.122	ng	95
23) Phenanthrene	16.85	178	1135891	11.958	ng	100
24) Anthracene	16.93	178	280654	3.281	ng	# 93
26) Fluoranthene	18.88	202	1187976	10.325	ng	99
28) Pyrene	19.25	202	1018611	8.474	ng	# 94
30) Benzo(a)anthracene	21.02	228	615612	5.151	ng	97
31) Chrysene	21.07	228	511722	4.195	ng	96
32) Bis(2-ethylhexyl)phthalate	20.98	149	25867	0.542	ng	95
33) Indeno(1,2,3-cd)pyrene	25.21	276	247055	1.683	ng	97
35) Benzo(b)fluoranthene	22.52	252	536273	4.113	ng	99
36) Benzo(k)fluoranthene	22.52	252	536273	4.199	ng	99
37) Benzo(a)pyrene	23.05	252	417407	3.552	ng	98
38) Dibenzo(a,h)anthracene	25.22	278	95307	0.772	ng	97
39) Benzo(g,h,i)perylene	25.83	276	217001	1.739	ng	99

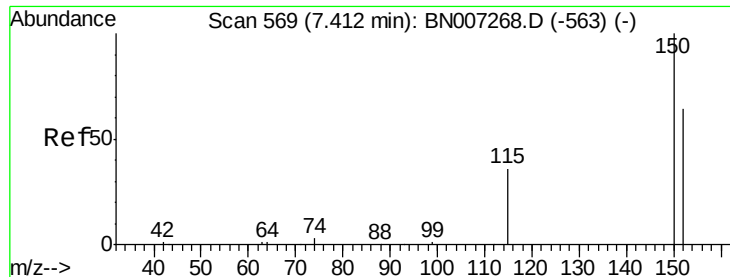
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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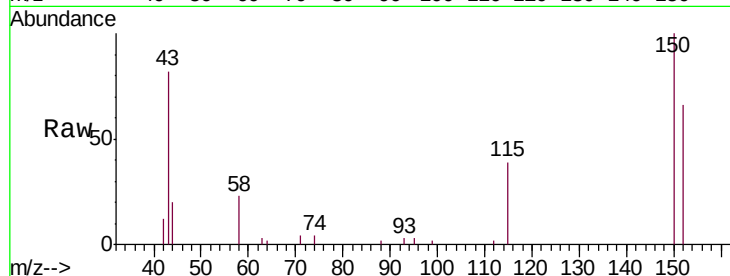


#1

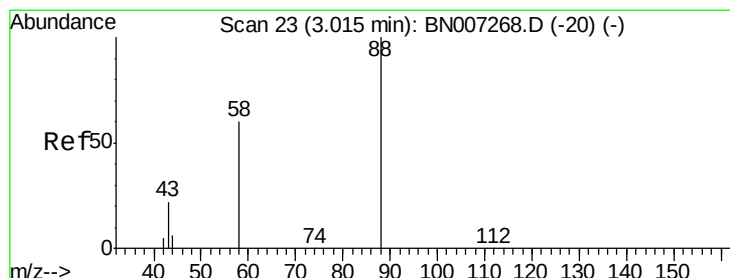
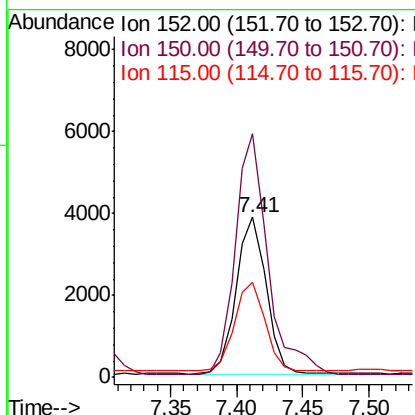
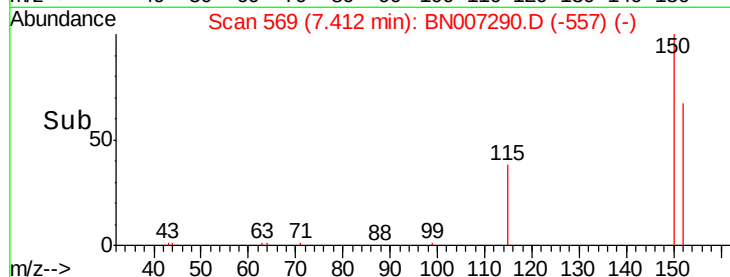
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007290.D
Acq: 21 Aug 2019 12:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5985
Ion Ratio Lower Upper
152 100
150 152.3 123.8 185.8
115 59.4 47.3 70.9



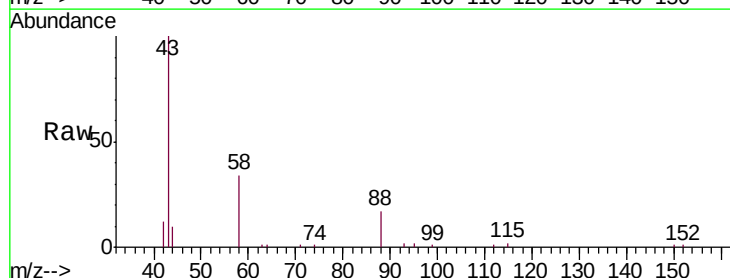
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



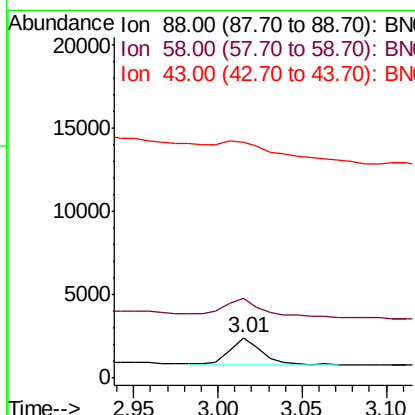
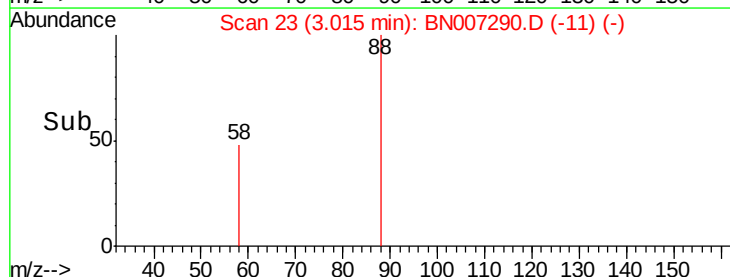
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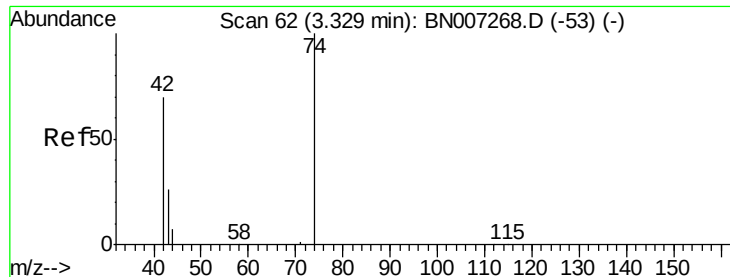
1,4-Dioxane
Concen: 0.250 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007290.D
Acq: 21 Aug 2019 12:39

Tgt Ion: 88 Resp: 2121
Ion Ratio Lower Upper
88 100
58 93.9 45.5 68.3#
43 0.0 20.4 30.6#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC



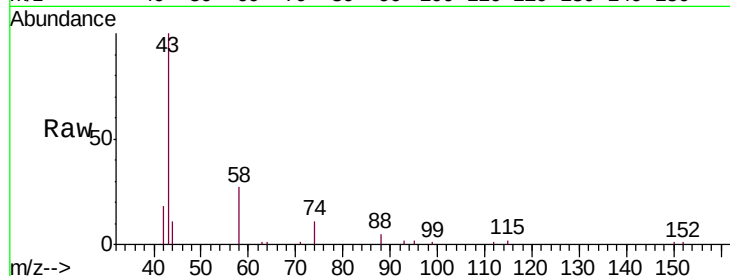


#3

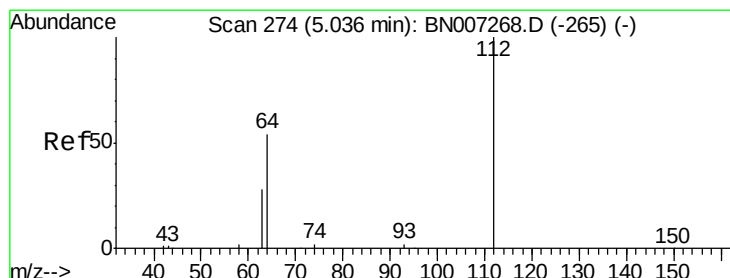
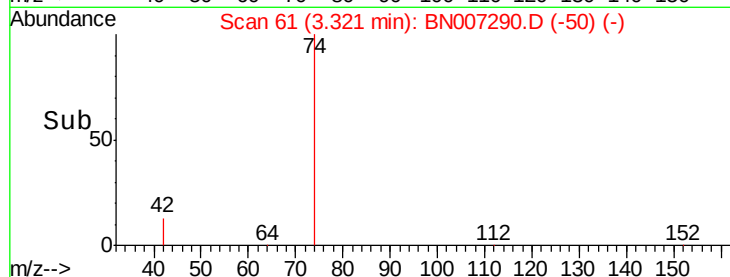
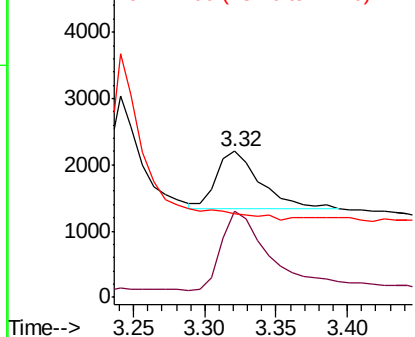
n-Nitrosodimethylamine
 Concen: 0.330 ng
 RT: 3.32 min Scan# 61
 Delta R.T. -0.01 min
 Lab File: BN007290.D
 Acq: 21 Aug 2019 12:39

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 42 Resp: 1879
 Ion Ratio Lower Upper
 42 100
 74 149.7 109.0 163.4
 44 0.0 4.2 6.2#



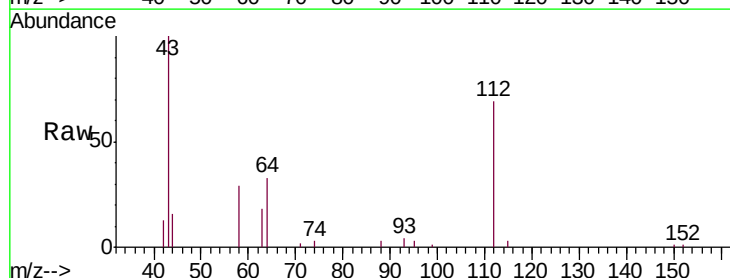
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



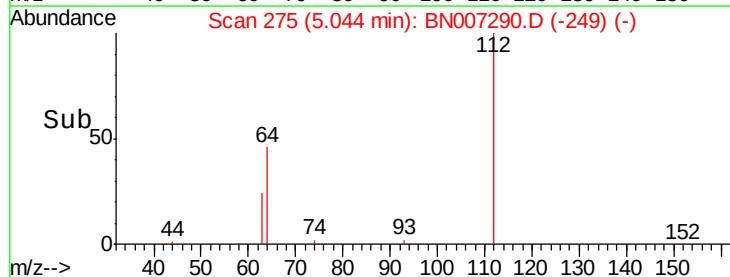
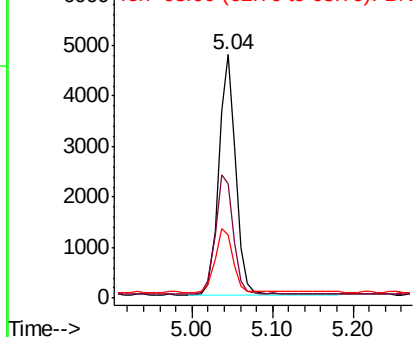
#4

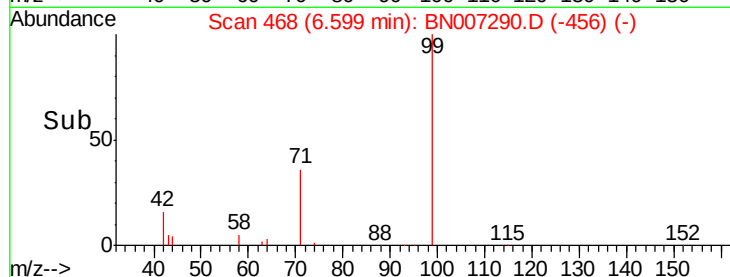
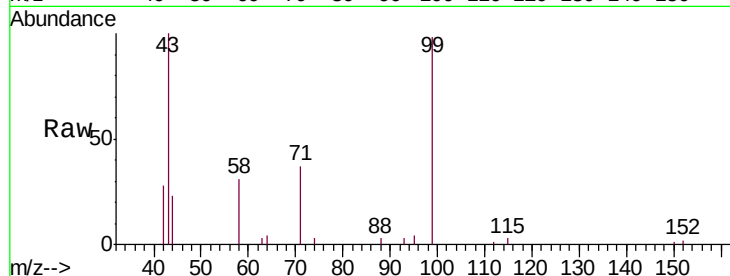
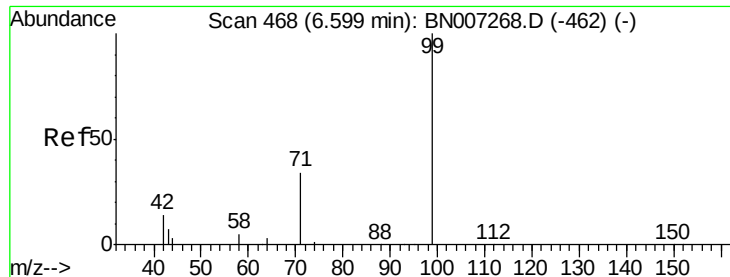
2-Fluorophenol
 Concen: 0.378 ng
 RT: 5.04 min Scan# 275
 Delta R.T. 0.01 min
 Lab File: BN007290.D
 Acq: 21 Aug 2019 12:39

Tgt Ion: 112 Resp: 6888
 Ion Ratio Lower Upper
 112 100
 64 52.2 41.8 62.8
 63 27.7 22.6 34.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.431 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_N

ClientSampled :

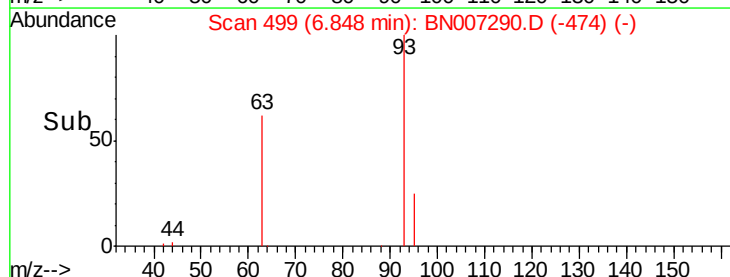
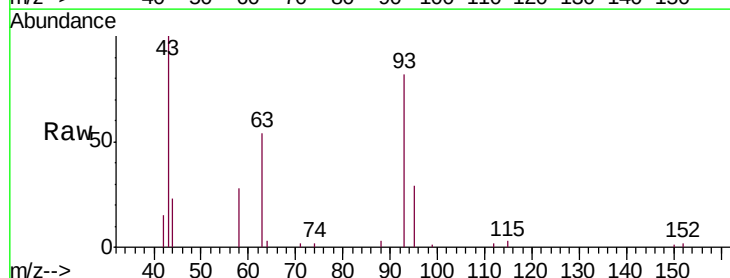
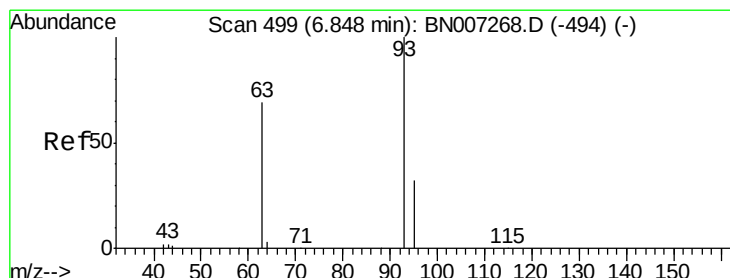
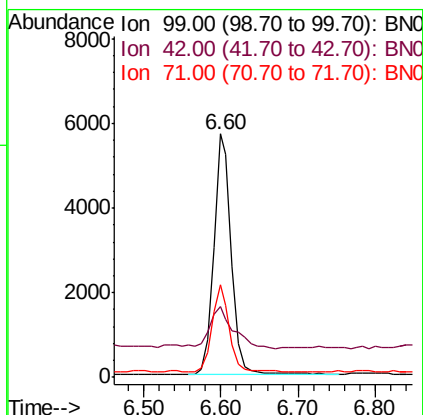
Tot Ion: 99 Resp: 9029

Ion Ratio Lower Upper

99 100

42 23.4 14.3 21.5#

71 35.2 27.3 40.9



#6

bis(2-Chloroethyl)ether

Concen: 0.374 ng

RT: 6.85 min Scan# 499

Delta R.T. -0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

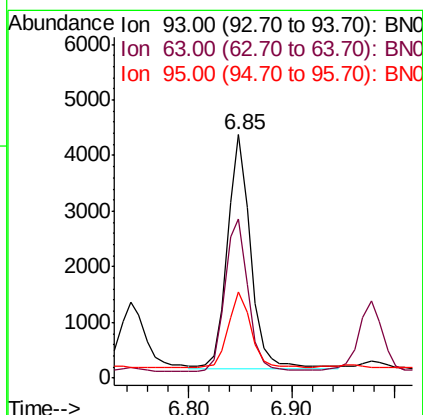
Tgt Ion: 93 Resp: 6613

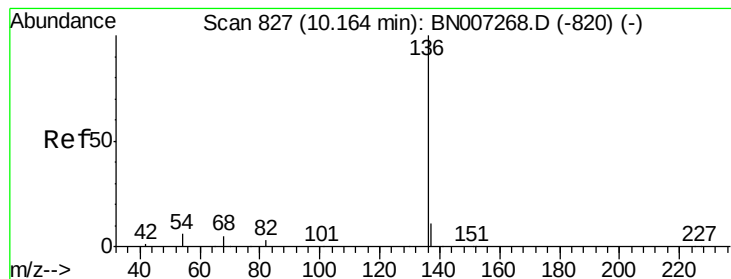
Ion Ratio Lower Upper

93 100

63 66.1 54.4 81.6

95 31.3 25.5 38.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 22746

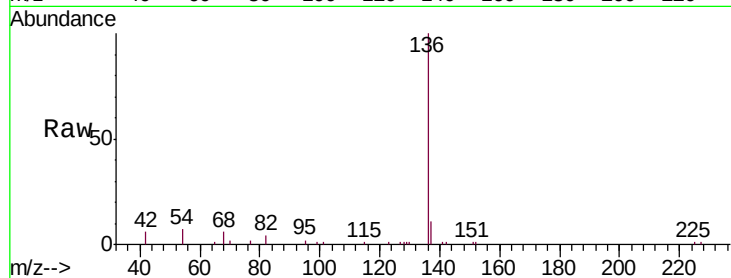
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 6.6 5.9 8.9

68 6.4 5.6 8.4

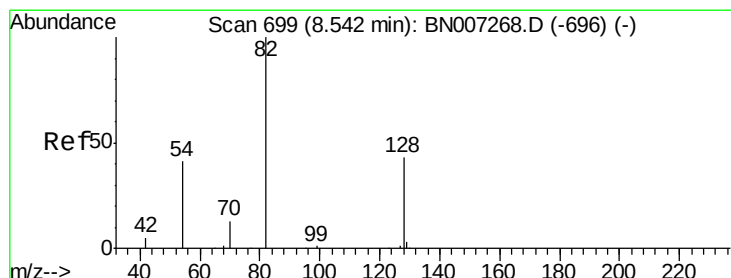
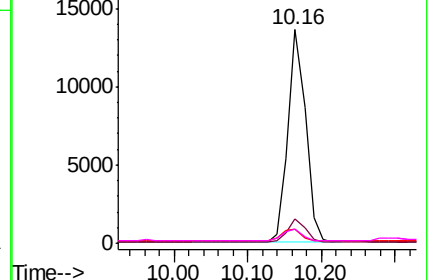
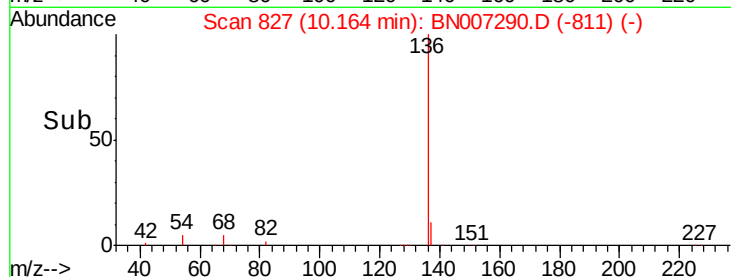


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.380 ng

RT: 8.54 min Scan# 699

Delta R.T. -0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

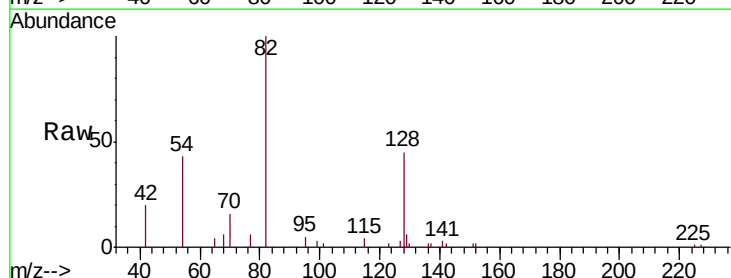
Tgt Ion: 82 Resp: 6630

Ion Ratio Lower Upper

82 100

128 45.1 35.8 53.6

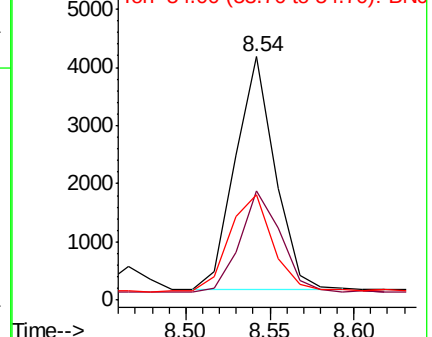
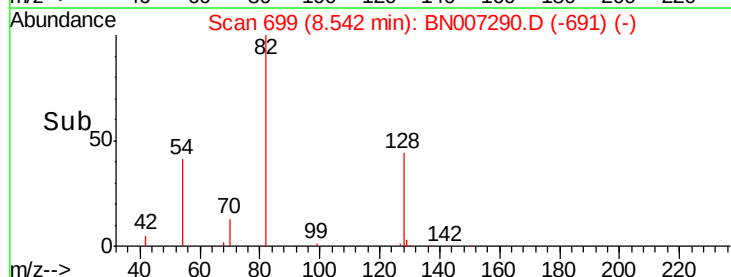
54 43.1 34.7 52.1

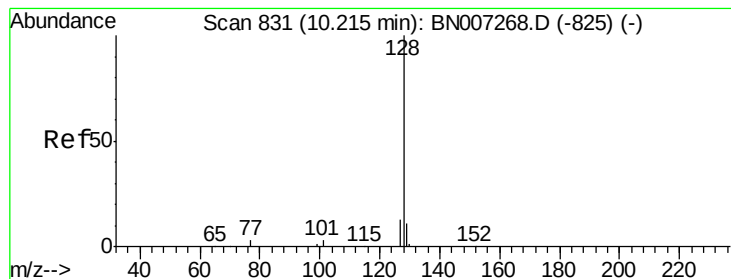


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.738 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

Instrument :

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ClientSampleId :

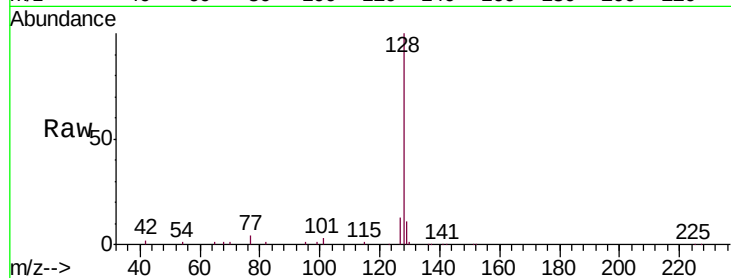
Tot Ion:128 Resp: 47558

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

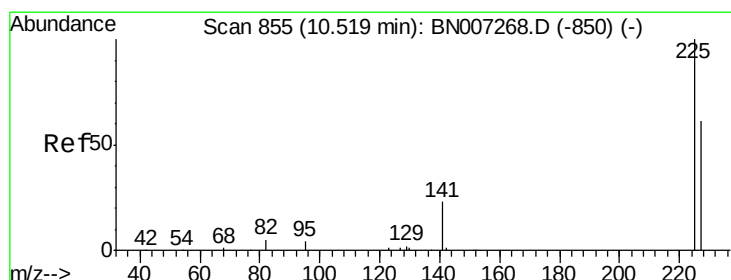
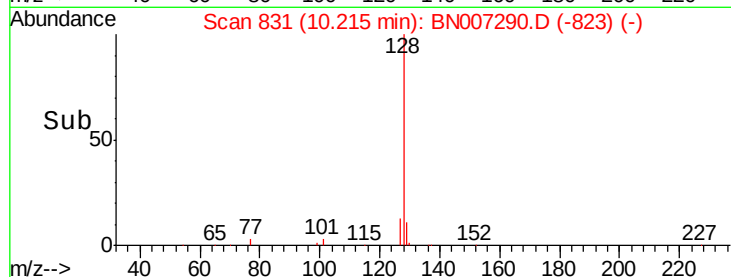
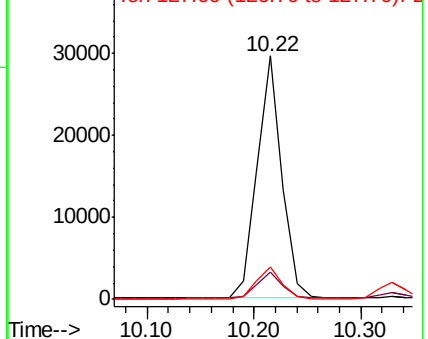
127 13.2 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.296 ng

RT: 10.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

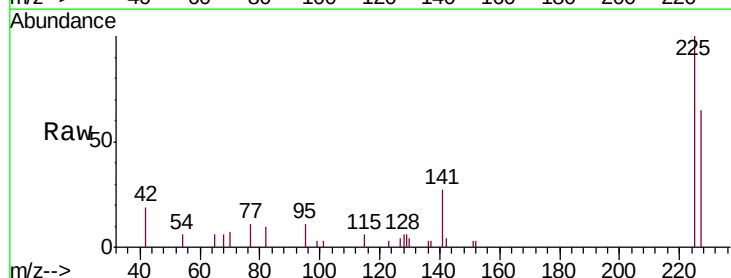
Tgt Ion:225 Resp: 4203

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

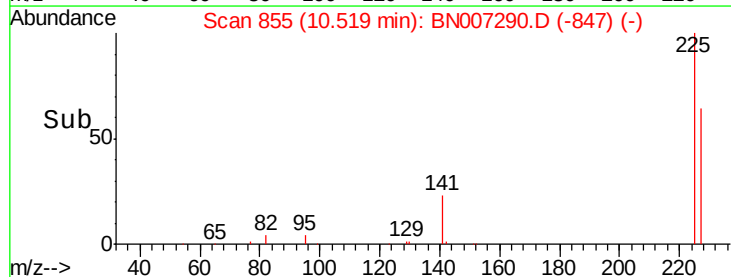
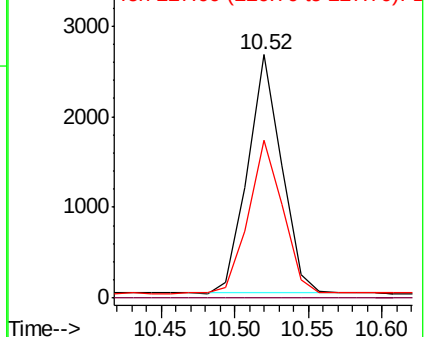
227 65.0 50.2 75.2

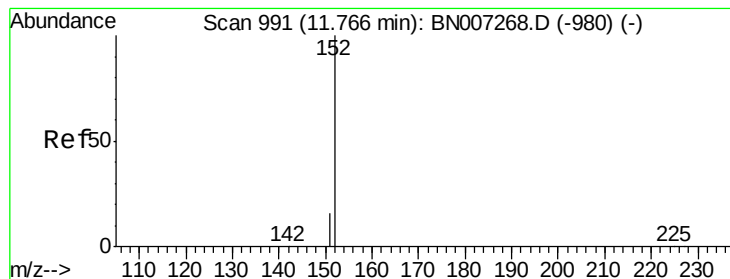


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.478 ng

RT: 11.77 min Scan# 992

Delta R.T. 0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_N

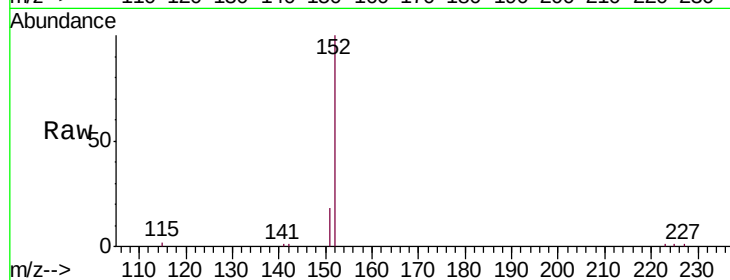
ClientSampleId :

Tot Ion:152 Resp: 18773

Ion Ratio Lower Upper

152 100

151 14.6 15.2 22.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.77

8000

6000

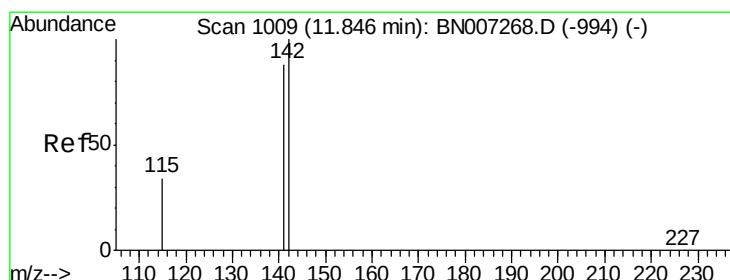
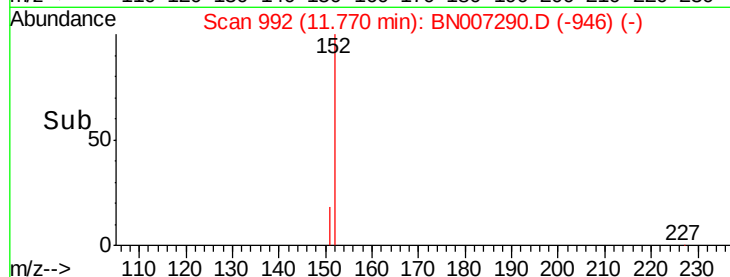
4000

2000

0

Time-->

11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.880 ng

RT: 11.84 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

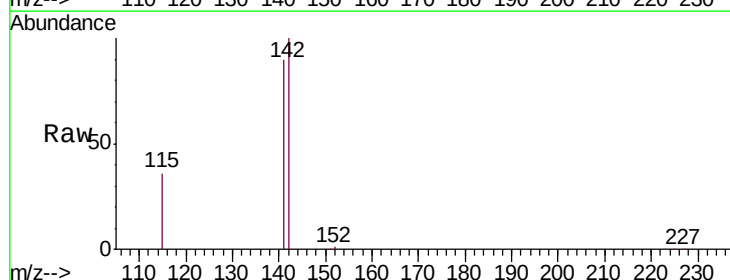
Tgt Ion:142 Resp: 39284

Ion Ratio Lower Upper

142 100

141 89.8 70.7 106.1

115 35.6 28.1 42.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.84

30000

25000

20000

15000

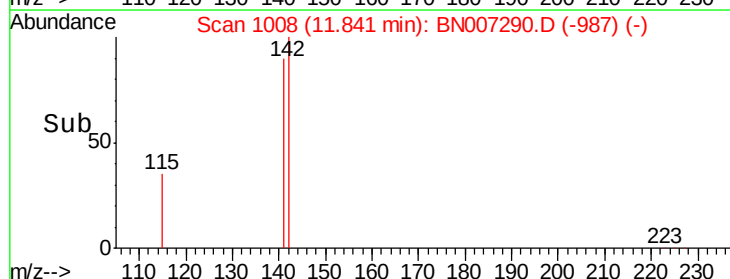
10000

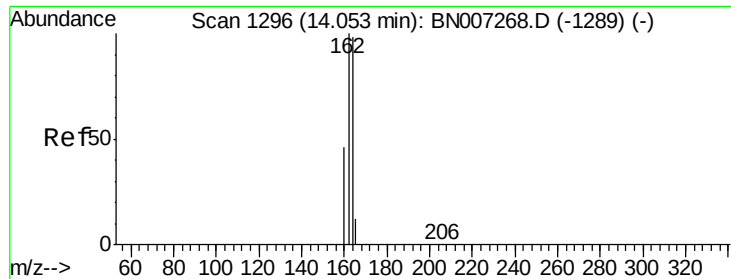
5000

0

Time-->

11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_N

ClientSampleId :

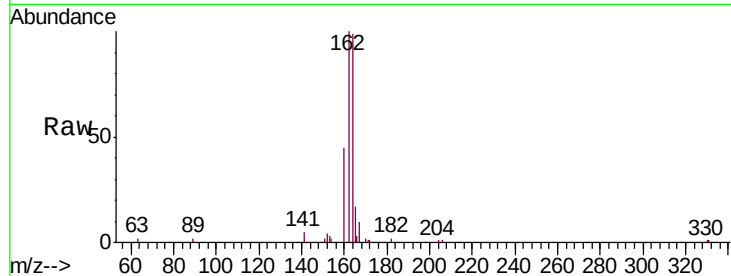
Tot Ion:164 Resp: 13067

Ion Ratio Lower Upper

164 100

162 101.4 82.0 123.0

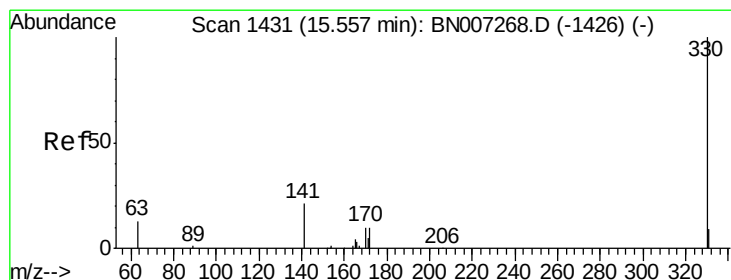
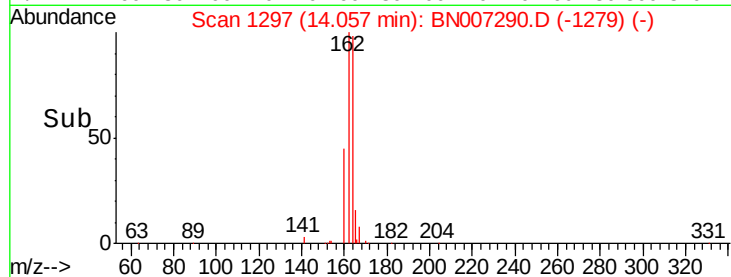
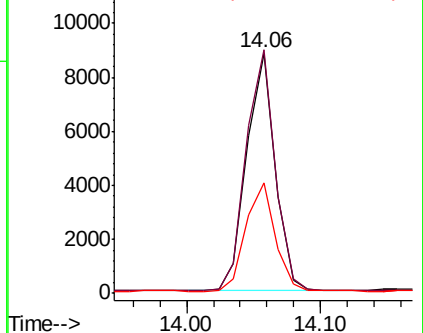
160 45.8 38.2 57.4



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: 0.353 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

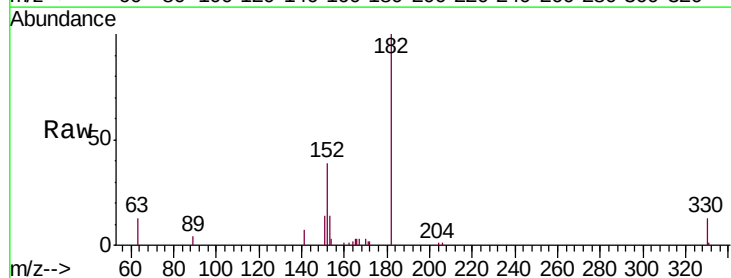
Tgt Ion:330 Resp: 2590

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

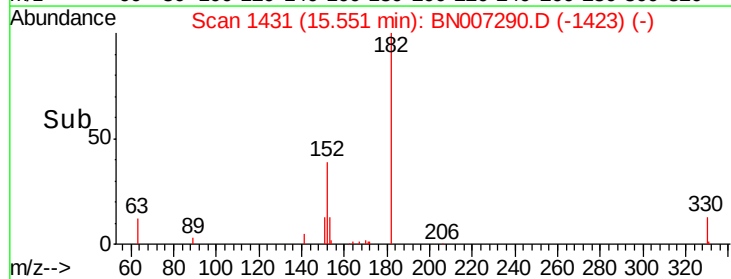
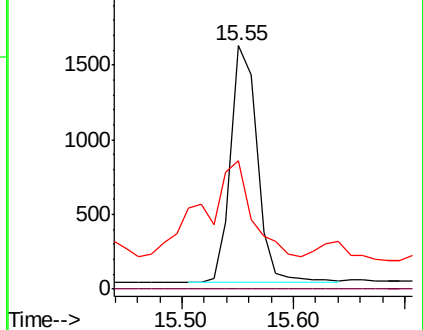
141 70.5 30.3 45.5#

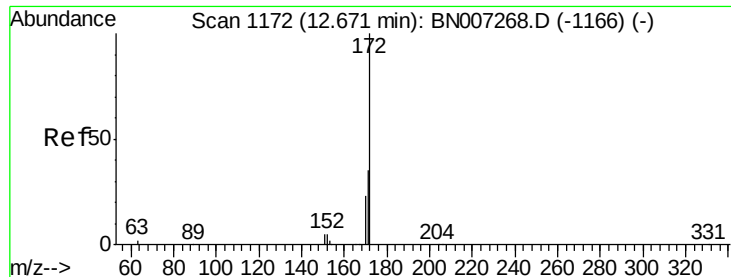


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

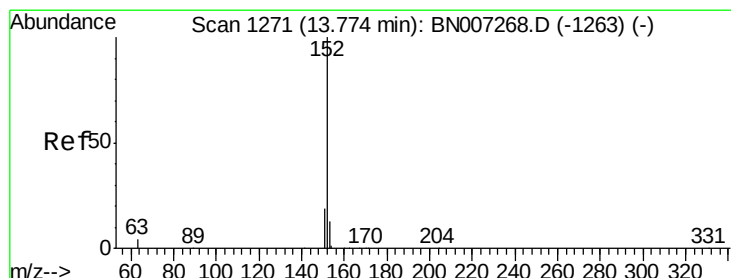
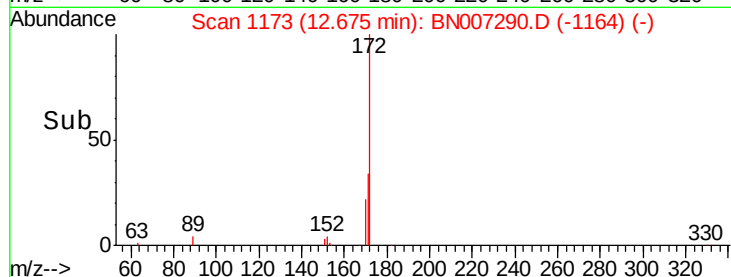
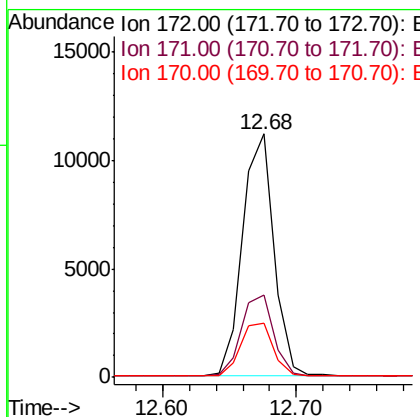
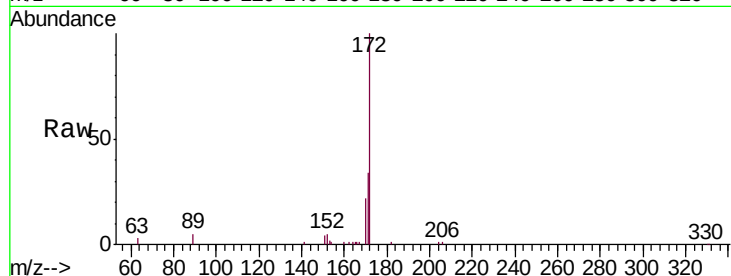




#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.68 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BN007290.D
Acq: 21 Aug 2019 12:39

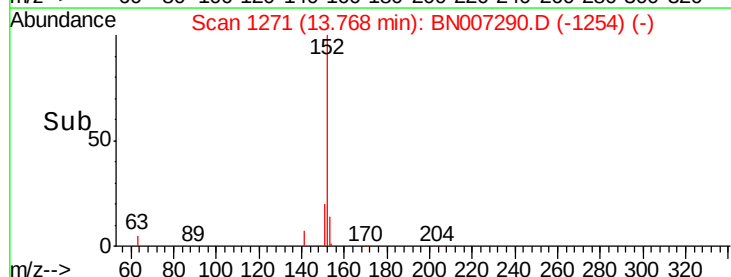
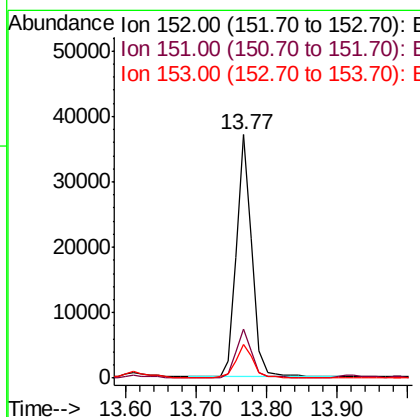
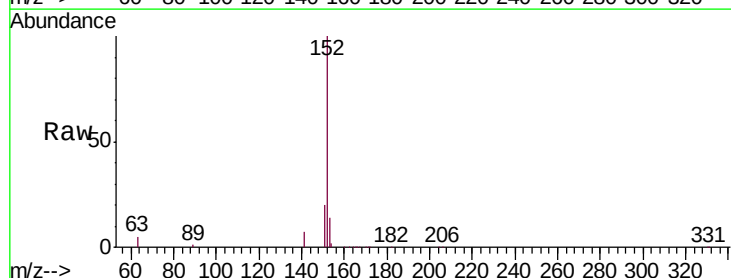
Instrument :
BNA_N
ClientSampleId :

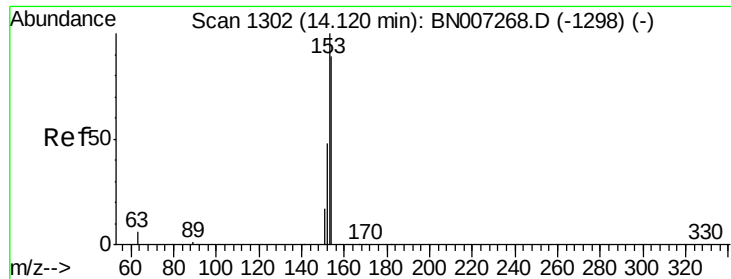
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.6	43.0
170	22.2	18.7	28.1



#16
Acenaphthylene
Concen: 0.828 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN007290.D
Acq: 21 Aug 2019 12:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.2
153	14.4	10.1	15.1





#17

Acenaphthene

Concen: 1.699 ng

RT: 14.11 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_N

ClientSampleId :

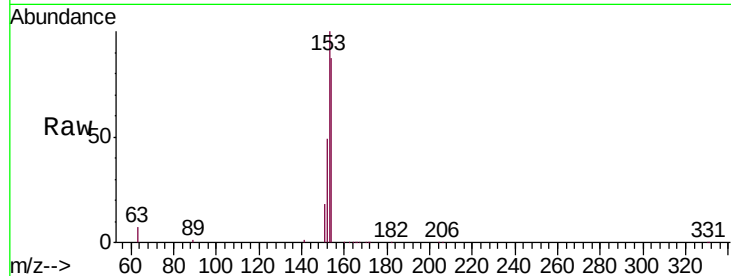
Tot Ion:154 Resp: 75036

Ion Ratio Lower Upper

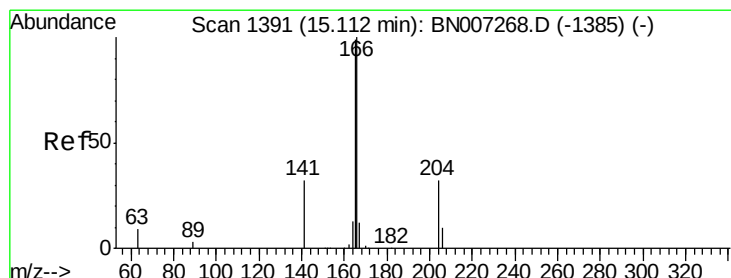
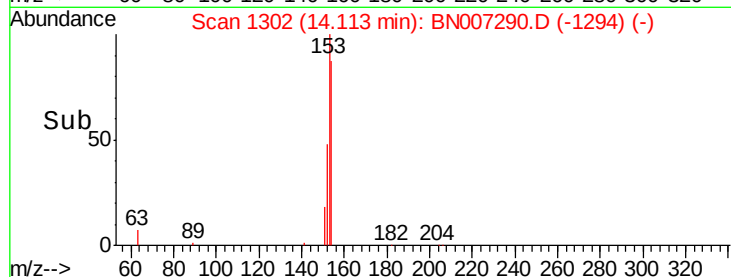
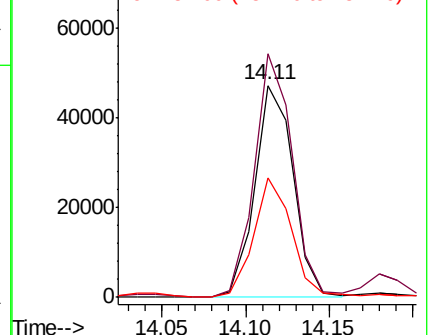
154 100

153 113.2 89.9 134.9

152 55.7 43.9 65.9



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: 1.688 ng

RT: 15.12 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

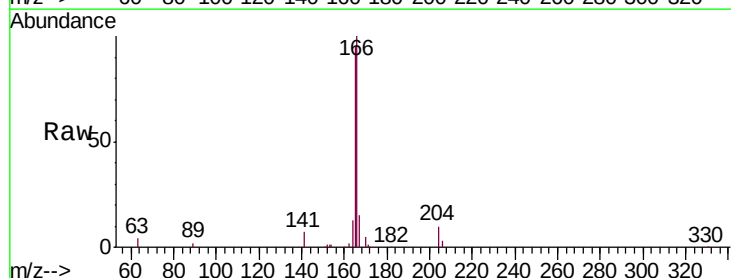
Tgt Ion:166 Resp: 97406

Ion Ratio Lower Upper

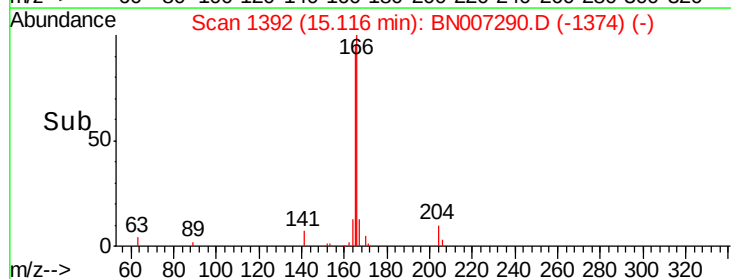
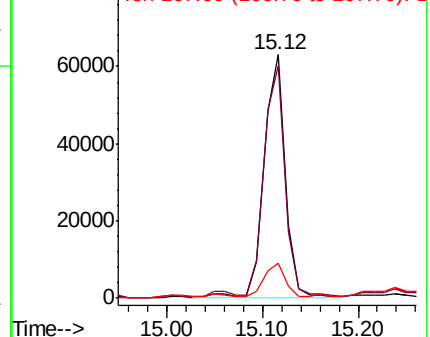
166 100

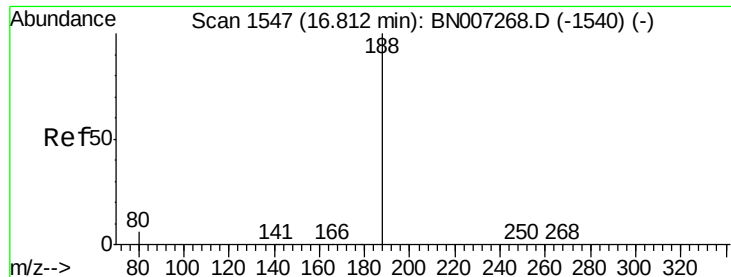
165 94.7 78.3 117.5

167 14.1 11.1 16.7



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: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_N

ClientSampleId :

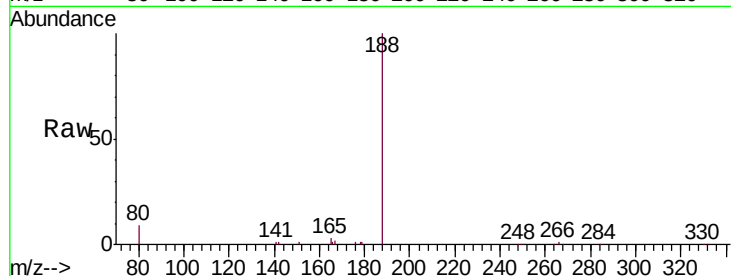
Tot Ion:188 Resp: 30307

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

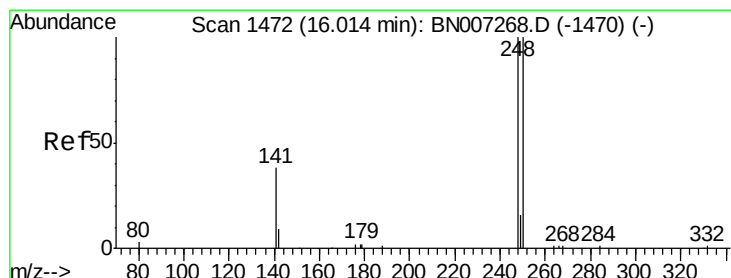
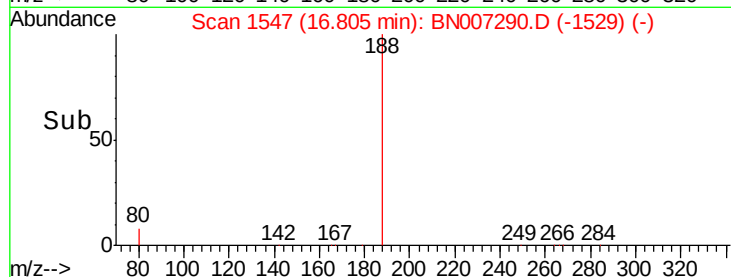
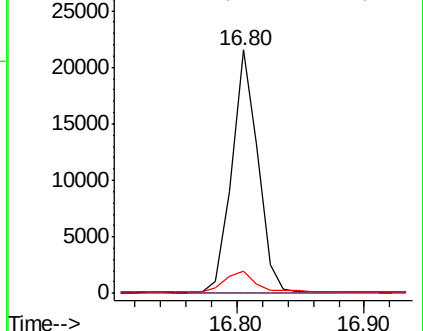
80 9.0 5.2 7.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.350 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

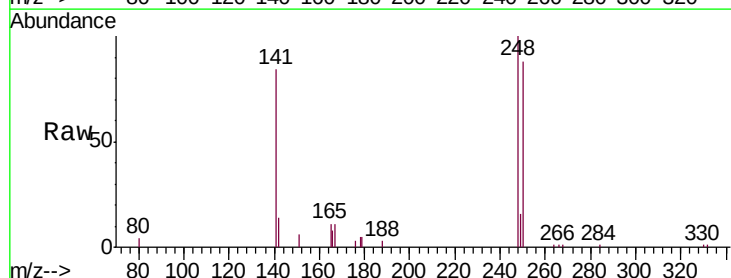
Tgt Ion:248 Resp: 6084

Ion Ratio Lower Upper

248 100

250 87.9 79.6 119.4

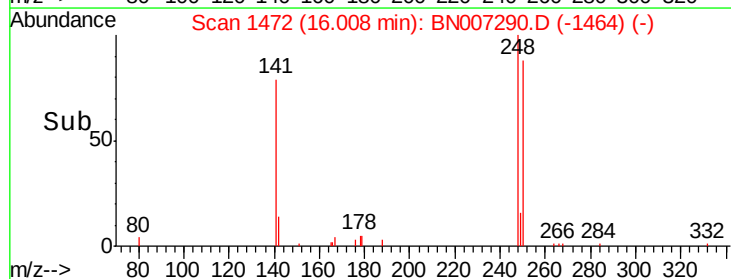
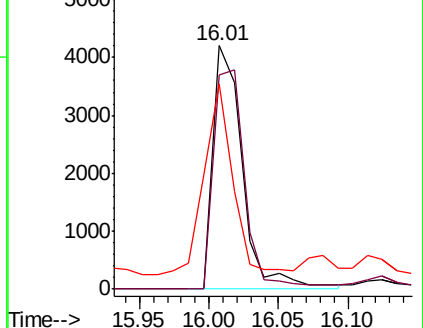
141 84.4 45.1 67.7#

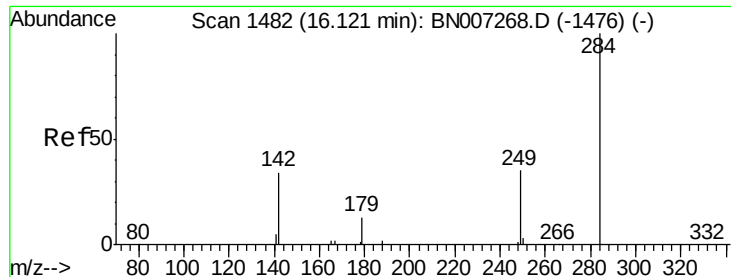


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.295 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_N

ClientSampled :

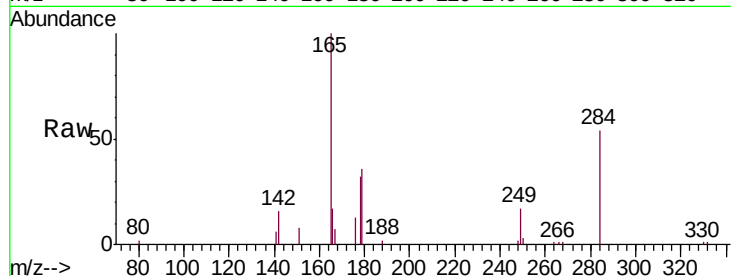
Tot Ion:284 Resp: 5918

Ion Ratio Lower Upper

284 100

142 36.9 29.5 44.3

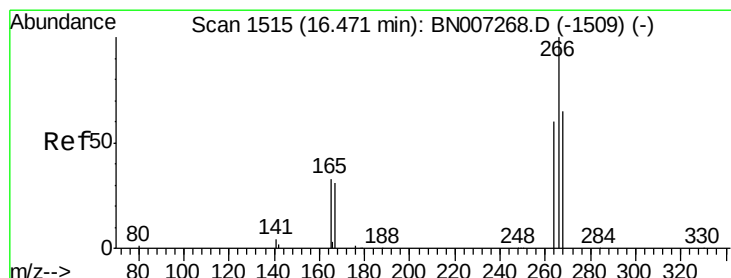
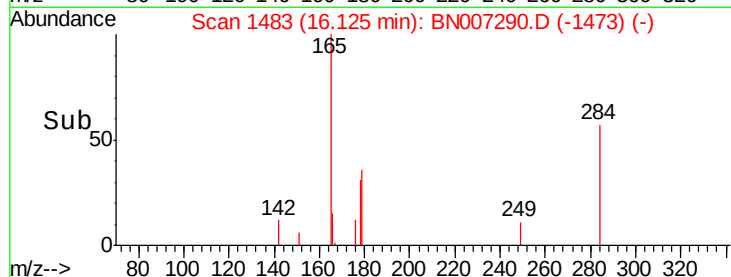
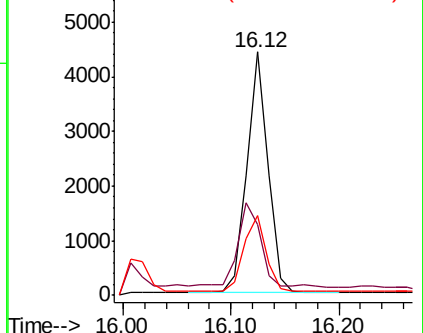
249 33.4 26.2 39.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.122 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

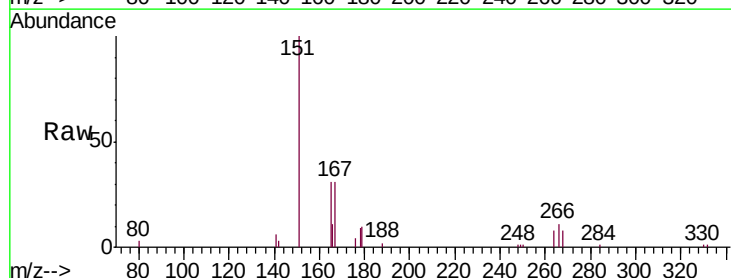
Tgt Ion:266 Resp: 985

Ion Ratio Lower Upper

266 100

264 67.4 48.7 73.1

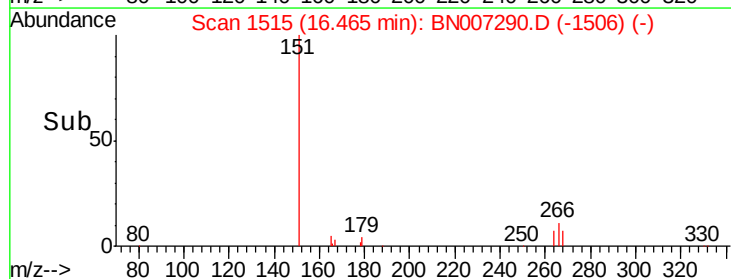
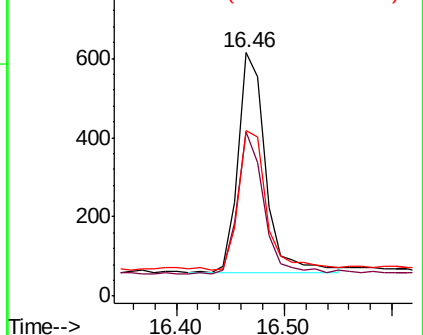
268 68.1 53.5 80.3

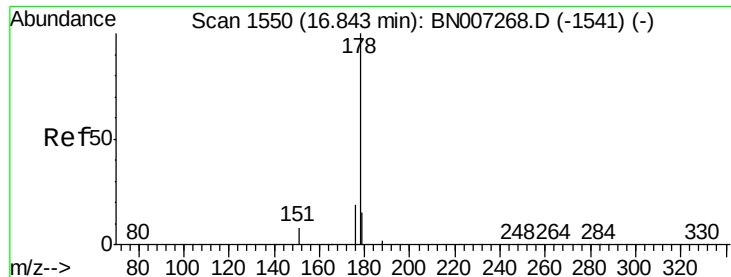


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 11.958 ng

RT: 16.85 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_N

ClientSampleId :

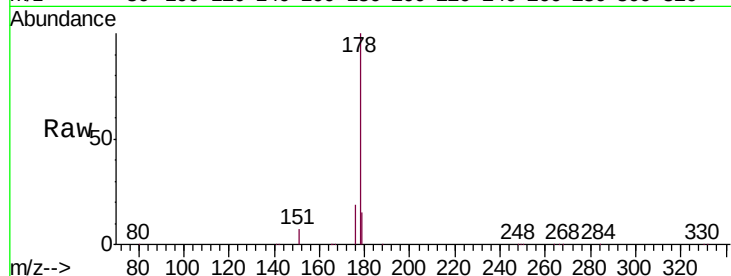
Tot Ion:178 Resp: 1135891

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

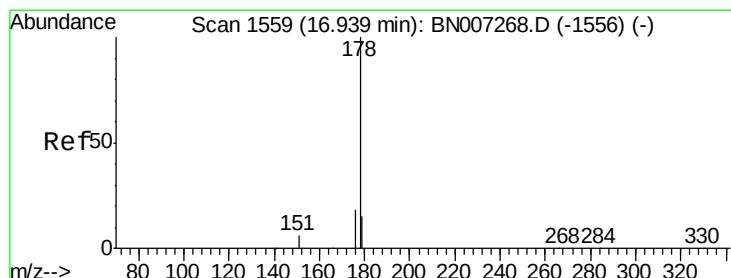
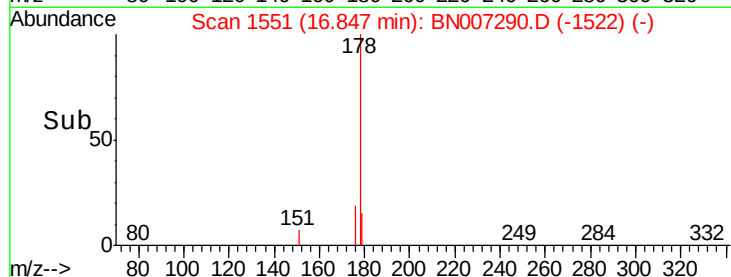
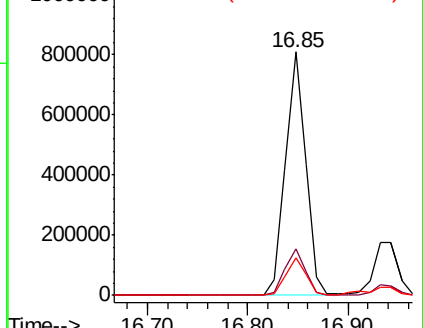
179 15.4 12.3 18.5



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: 3.281 ng

RT: 16.93 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

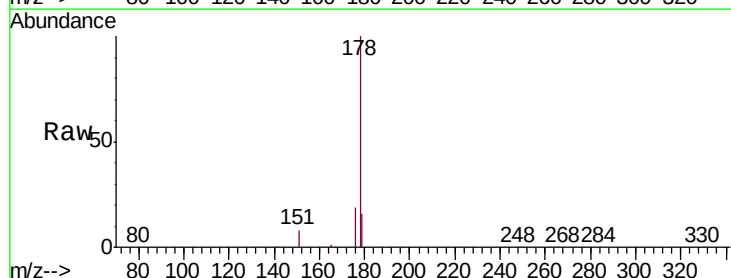
Tgt Ion:178 Resp: 280654

Ion Ratio Lower Upper

178 100

176 18.3 14.3 21.5

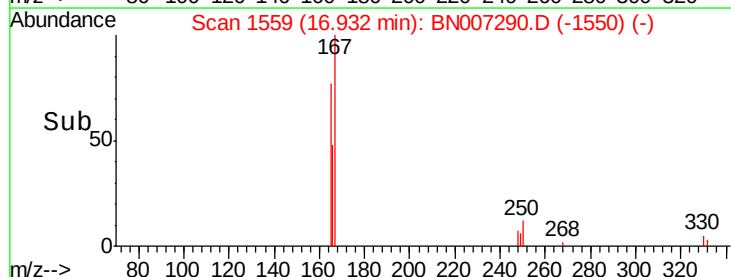
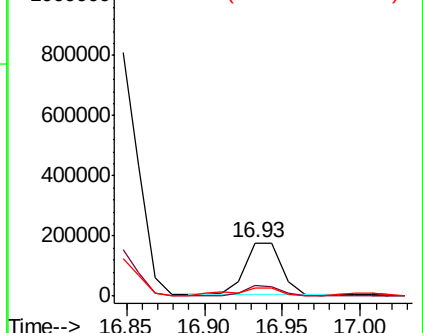
179 21.0 12.3 18.5#

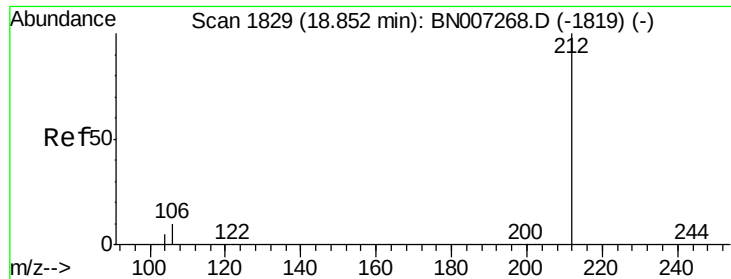


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.319 ng

RT: 18.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_N

ClientSampleId :

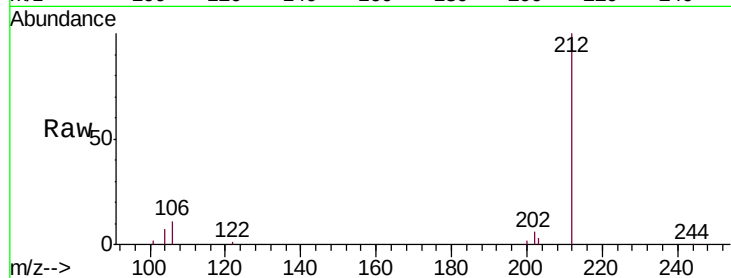
Tot Ion:212 Resp: 30629

Ion Ratio Lower Upper

212 100

106 10.5 8.2 12.4

104 6.5 4.7 7.1

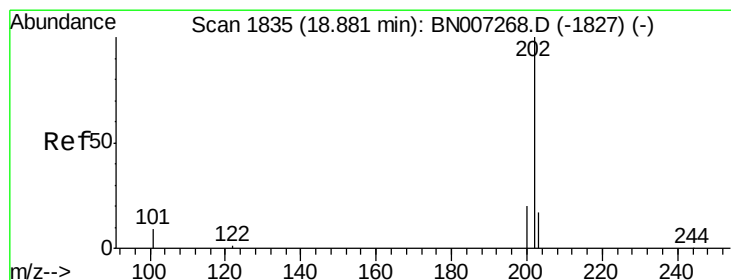
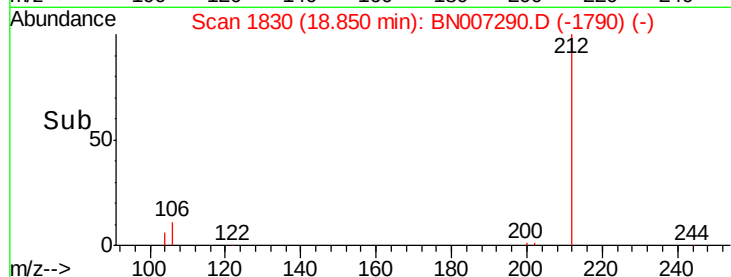
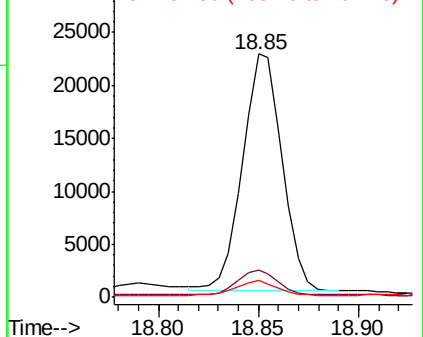


Abundance

Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 10.325 ng

RT: 18.88 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

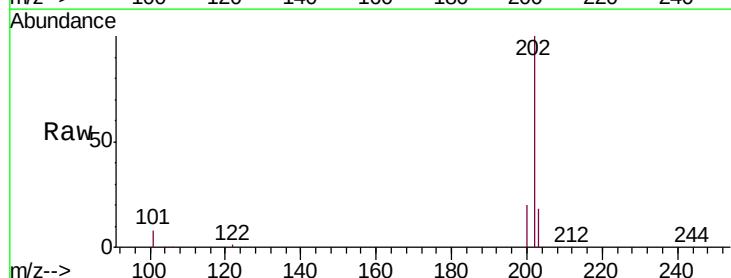
Tgt Ion:202 Resp: 1187976

Ion Ratio Lower Upper

202 100

101 9.0 7.2 10.8

203 17.6 13.8 20.6

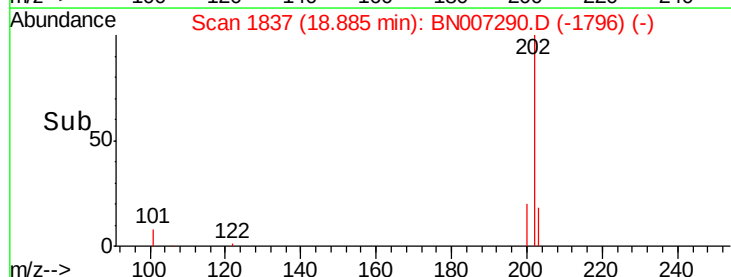
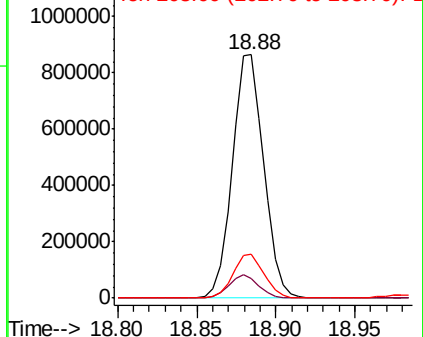


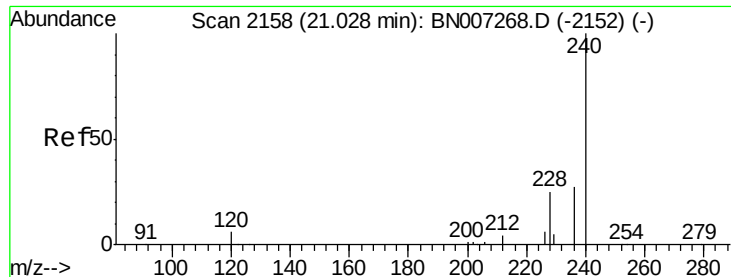
Abundance

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

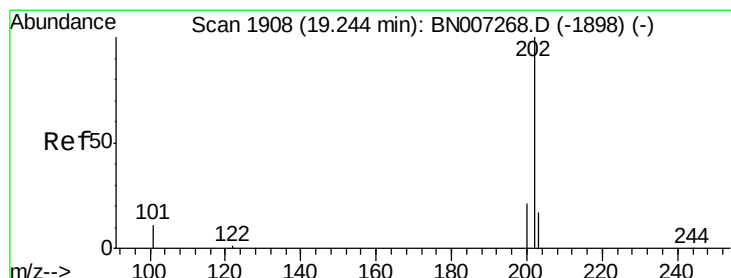
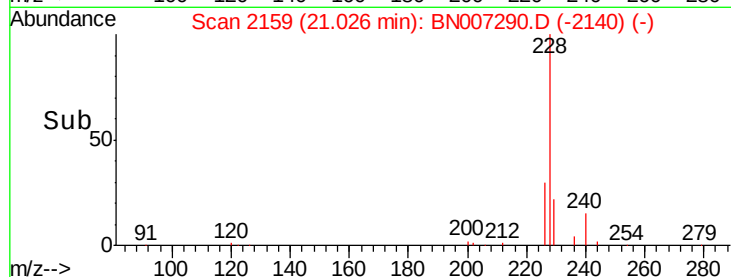
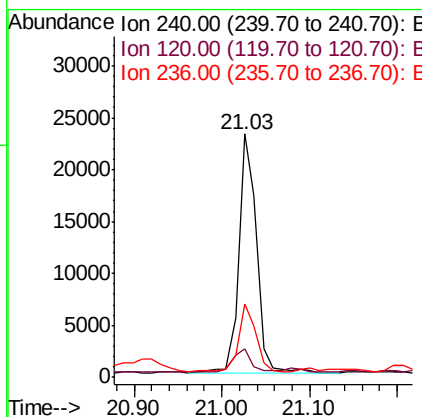
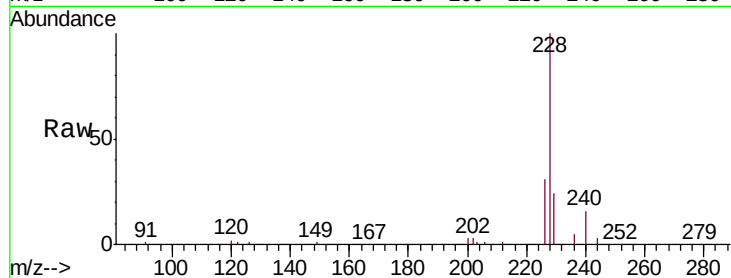




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BN007290.D
Acq: 21 Aug 2019 12:39

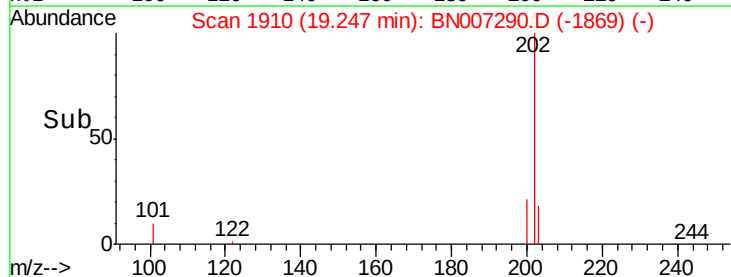
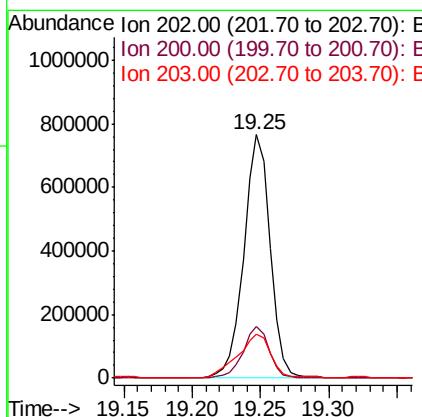
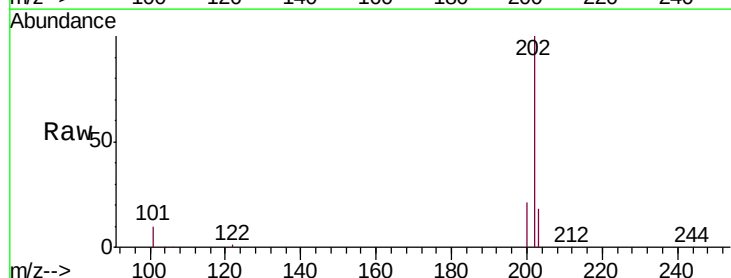
Instrument :
BNA_N
ClientSampleId :

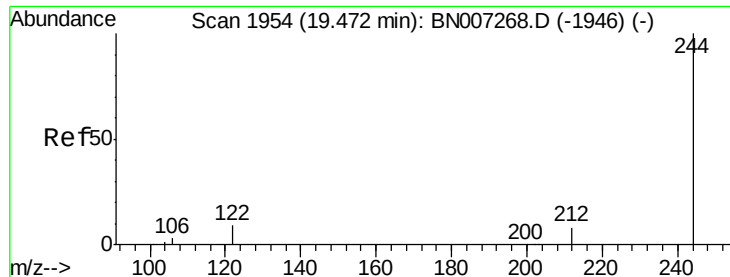
Tot Ion:240 Resp: 32143
Ion Ratio Lower Upper
240 100
120 11.7 5.6 8.4#
236 30.0 21.6 32.4



#28
Pyrene
Concen: 8.474 ng
RT: 19.25 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BN007290.D
Acq: 21 Aug 2019 12:39

Tgt Ion:202 Resp: 1018611
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 22.8 13.9 20.9#





#29

Terphenyl-d14

Concen: 0.279 ng

RT: 19.48 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_N

ClientSampleId :

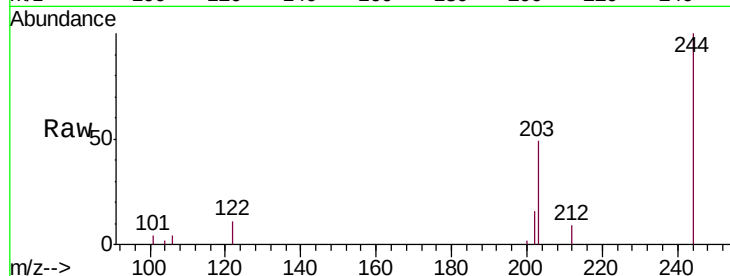
Tot Ion:244 Resp: 22442

Ion Ratio Lower Upper

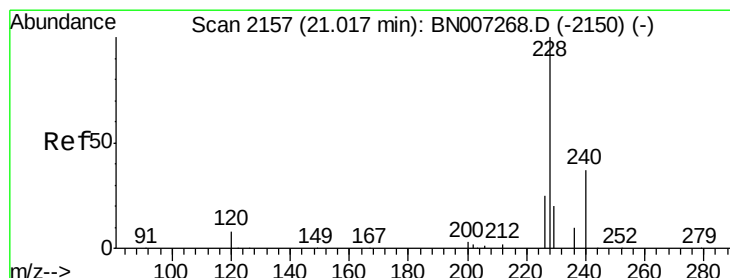
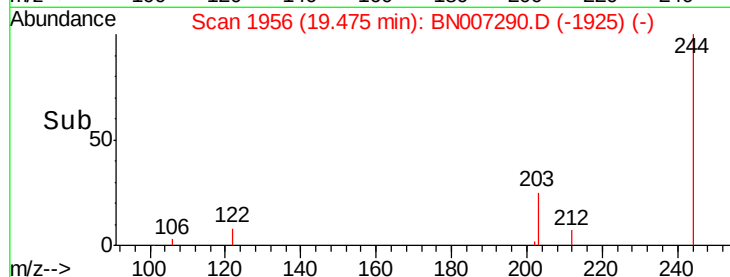
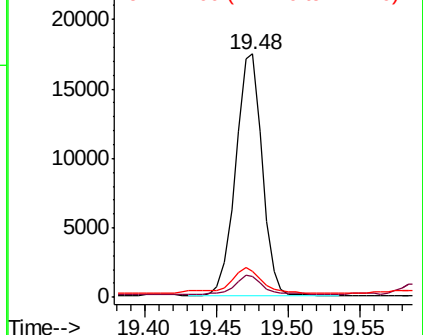
244 100

212 8.7 6.5 9.7

122 10.6 7.9 11.9



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: 5.151 ng

RT: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

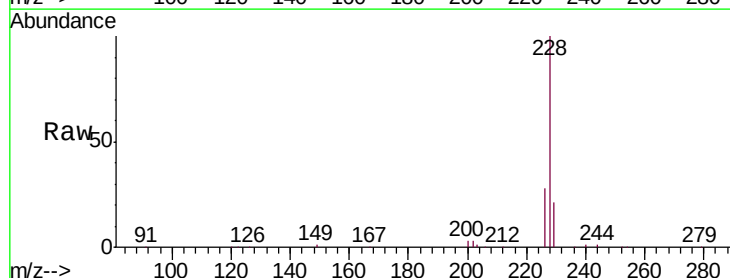
Tgt Ion:228 Resp: 615612

Ion Ratio Lower Upper

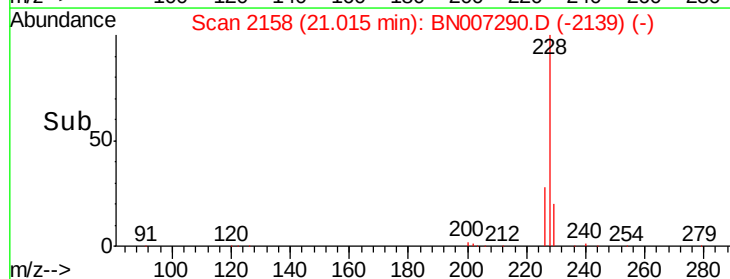
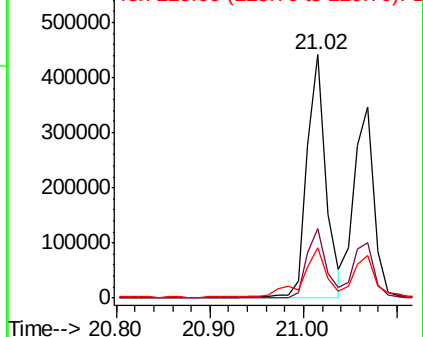
228 100

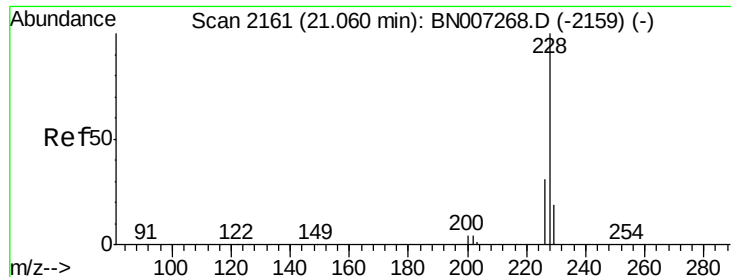
226 28.3 20.6 30.8

229 20.7 16.9 25.3



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: 4.195 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_N

ClientSampleId :

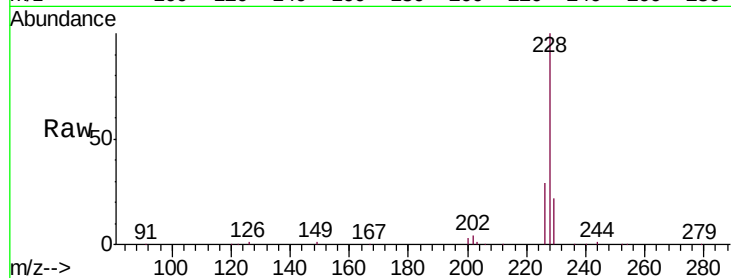
Tot Ion:228 Resp: 511722

Ion Ratio Lower Upper

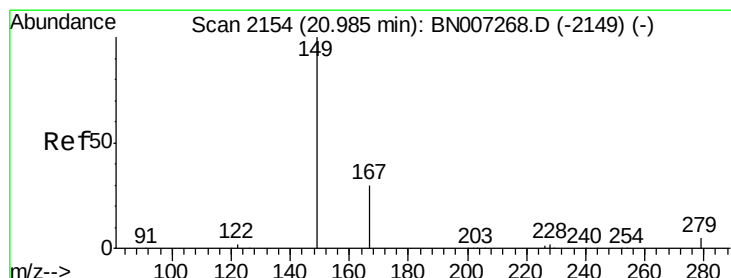
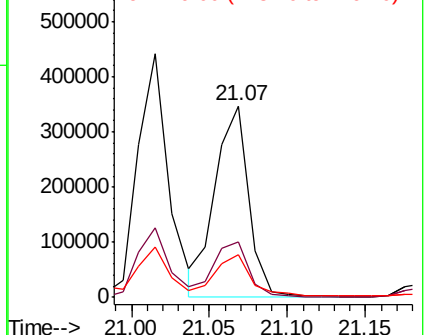
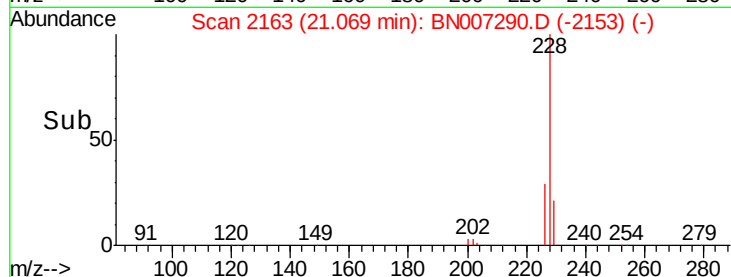
228 100

226 29.0 24.6 36.8

229 22.4 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.542 ng

RT: 20.98 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

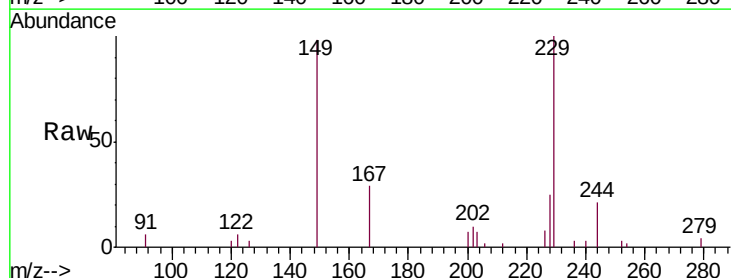
Tgt Ion:149 Resp: 25867

Ion Ratio Lower Upper

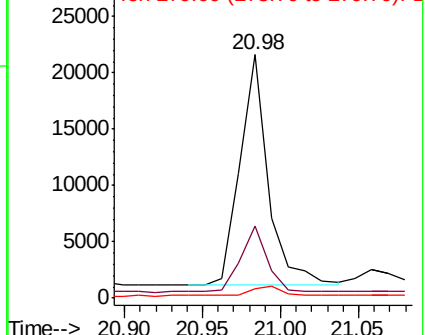
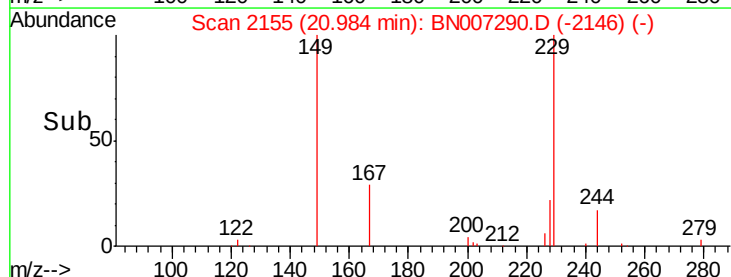
149 100

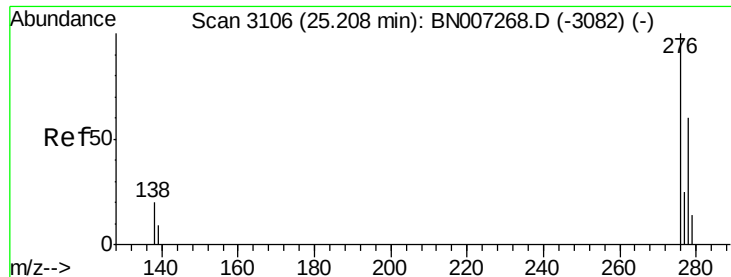
167 27.0 23.8 35.6

279 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

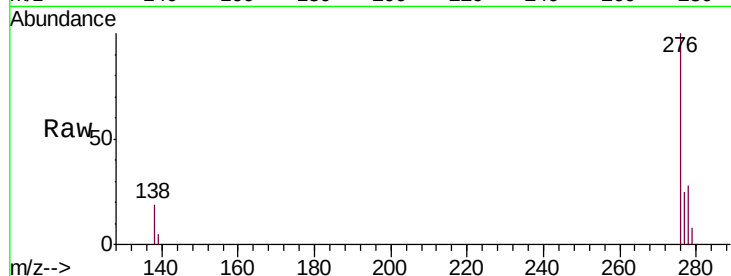




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.683 ng
 RT: 25.21 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: BN007290.D
 Acq: 21 Aug 2019 12:39

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	17.1	25.7
277	24.9	20.1	30.1

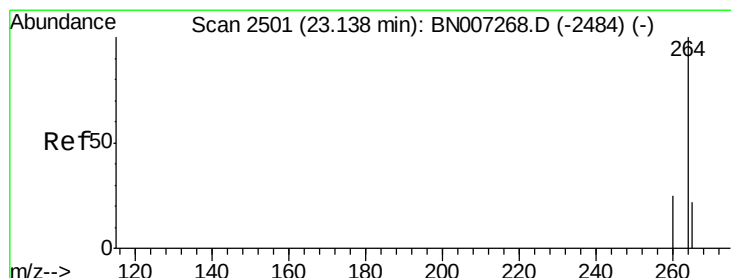
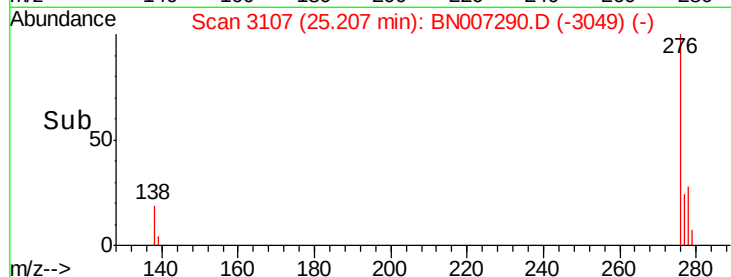
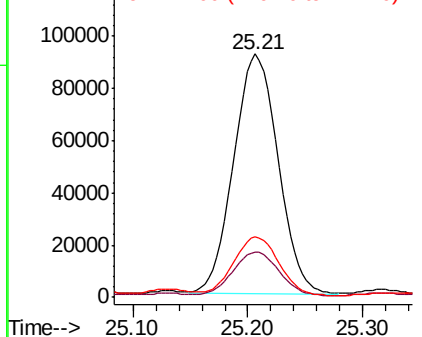


Abundance

Ion 276.00 (275.70 to 276.70): E

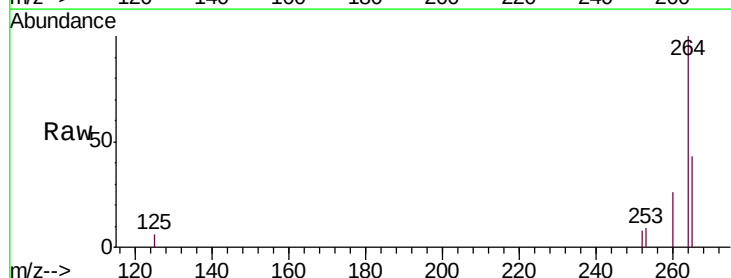
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.14 min Scan# 2503
 Delta R.T. 0.00 min
 Lab File: BN007290.D
 Acq: 21 Aug 2019 12:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.1	30.1
265	42.9	29.0	43.6

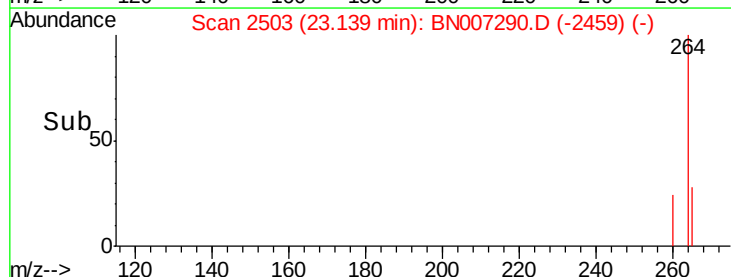
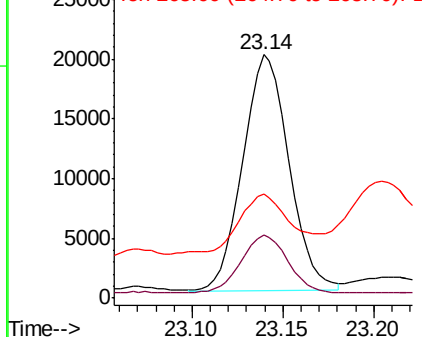


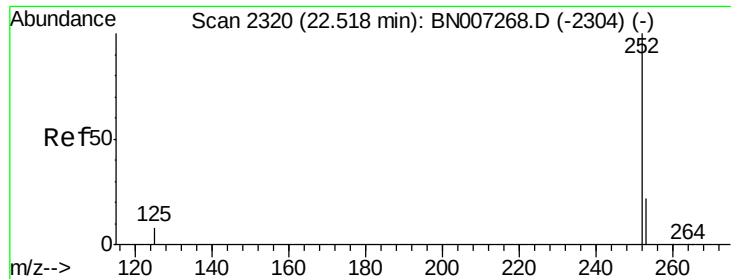
Abundance

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

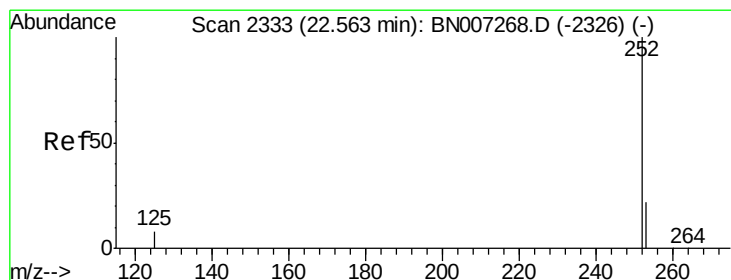
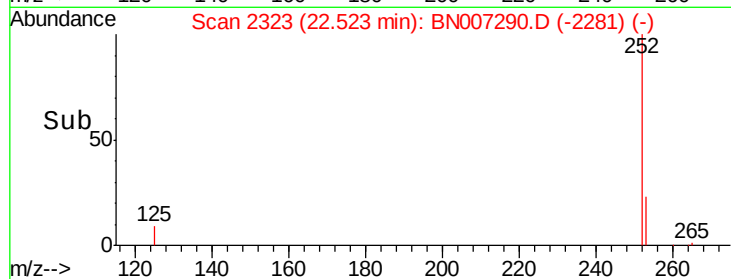
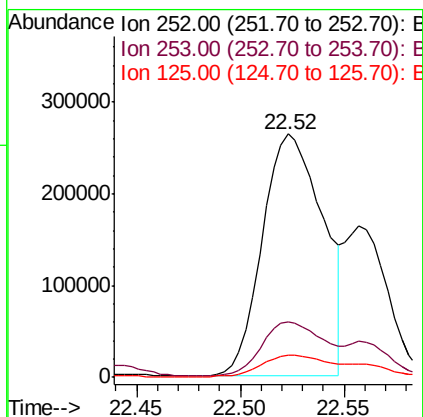
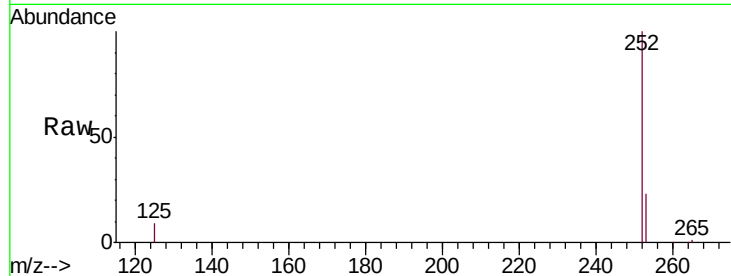




#35
Benzo(b)fluoranthene
Concen: 4.113 ng
RT: 22.52 min Scan# 2323
Delta R.T. 0.01 min
Lab File: BN007290.D
Acq: 21 Aug 2019 12:39

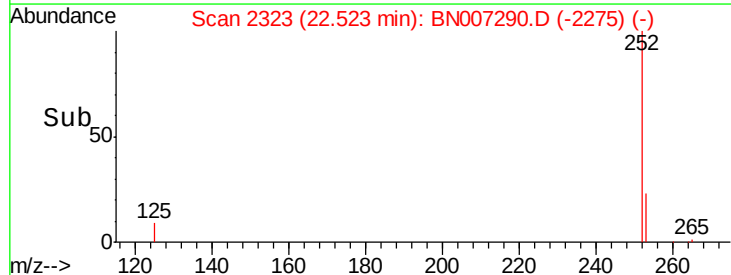
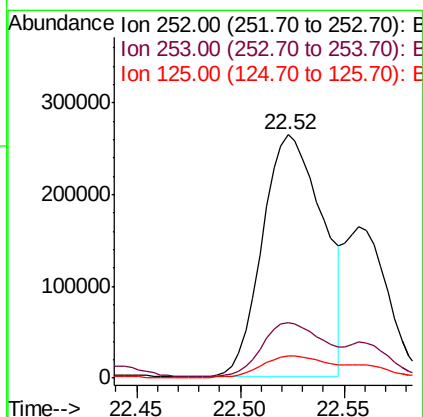
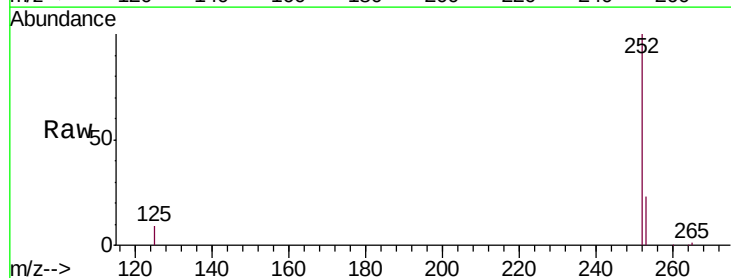
Instrument :
BNA_N
ClientSampleId :

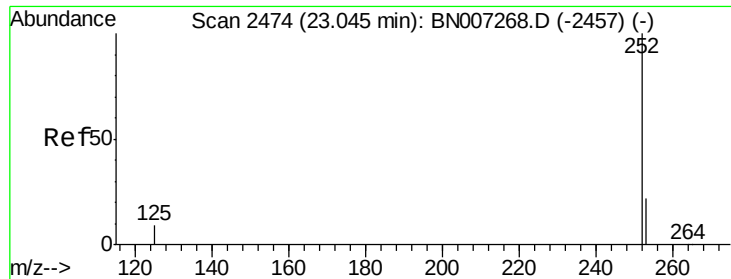
Tot Ion:252 Resp: 536273
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 8.9 7.8 11.6



#36
Benzo(k)fluoranthene
Concen: 4.199 ng
RT: 22.52 min Scan# 2323
Delta R.T. -0.04 min
Lab File: BN007290.D
Acq: 21 Aug 2019 12:39

Tgt Ion:252 Resp: 536273
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 8.9 8.0 12.0





#37

Benzo(a)pyrene

Concen: 3.552 ng

RT: 23.05 min Scan# 2477

Delta R.T. 0.01 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_N

ClientSampleId :

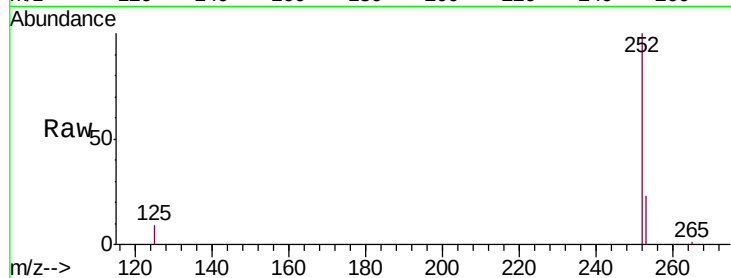
Tot Ion:252 Resp: 417407

Ion Ratio Lower Upper

252 100

253 23.0 18.7 28.1

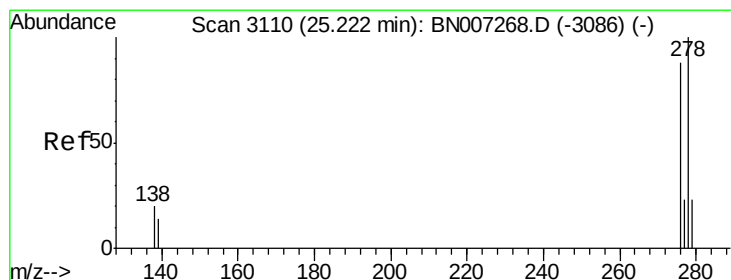
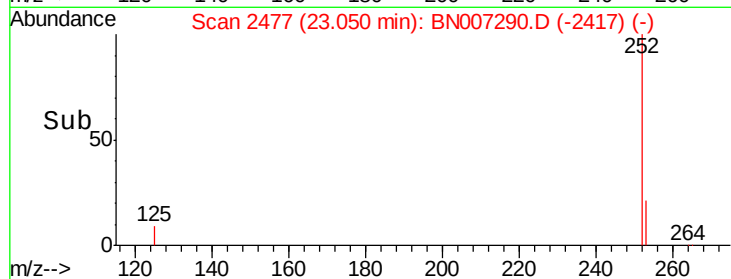
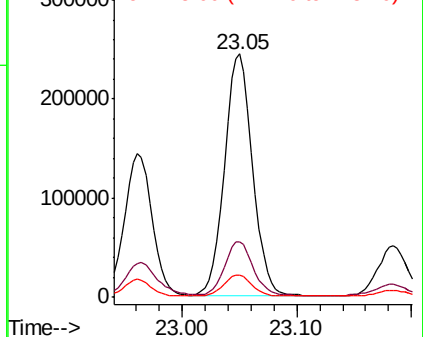
125 9.4 8.7 13.1



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: 0.772 ng

RT: 25.22 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

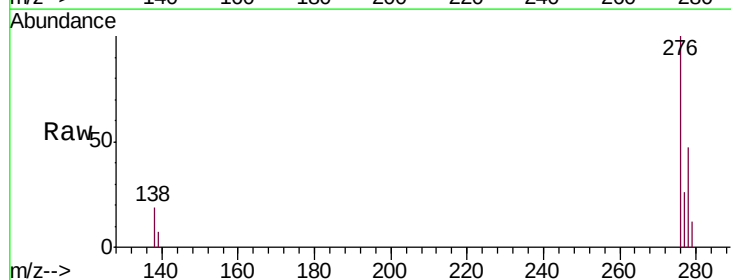
Tgt Ion:278 Resp: 95307

Ion Ratio Lower Upper

278 100

139 15.3 11.8 17.8

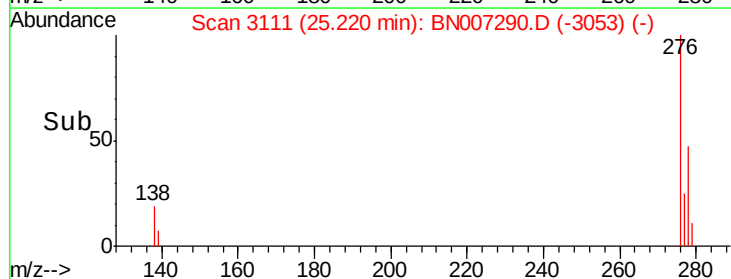
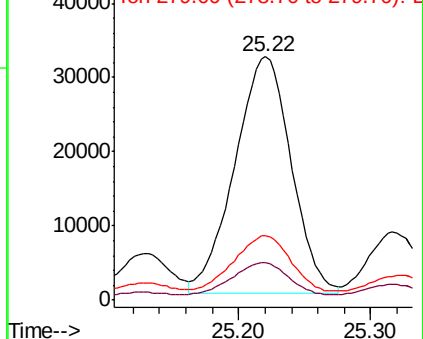
279 26.4 19.8 29.6

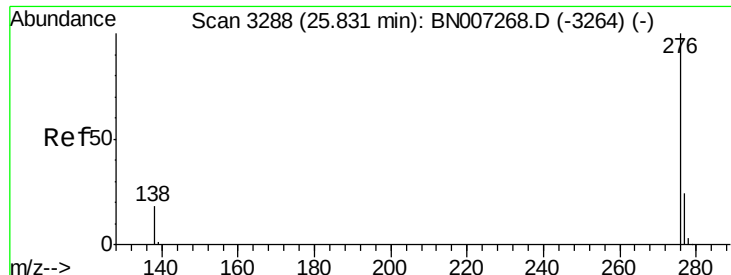


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.739 ng

RT: 25.83 min Scan# 3290

Delta R.T. 0.00 min

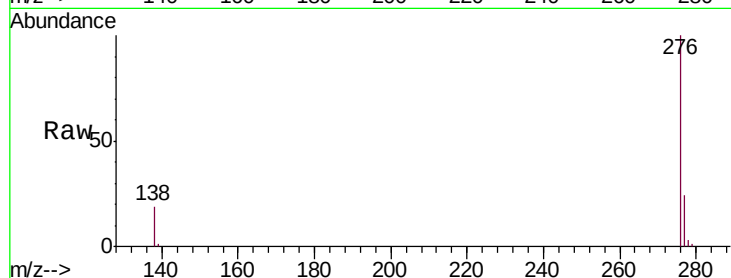
Lab File: BN007290.D

Acq: 21 Aug 2019 12:39

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 217001

Ion Ratio Lower Upper

276 100

277 24.3 19.5 29.3

138 18.6 15.3 22.9

