

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN082419\
 Data File : BN007370.D
 Acq On : 24 Aug 2019 19:06
 Operator : HP/JU
 Sample : K4471-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 N3-SB1-1.0-1.5-082119MSD

Quant Time: Aug 24 23:42:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4877	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	19530	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	9910	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	20710	0.40	ng	0.00
27) Chrysene-d12	21.02	240	22316	0.40	ng	0.00
34) Perylene-d12	23.13	264	26494	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	5646	0.33	ng	0.00
5) Phenol-d6	6.59	99	6859	0.31	ng	0.00
8) Nitrobenzene-d5	8.53	82	5290	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	13163	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1563	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.66	172	10700	0.27	ng	0.00
25) Fluoranthene-d10	18.84	212	15097	0.23	ng	0.00
29) Terphenyl-d14	19.47	244	10551	0.18	ng	0.00

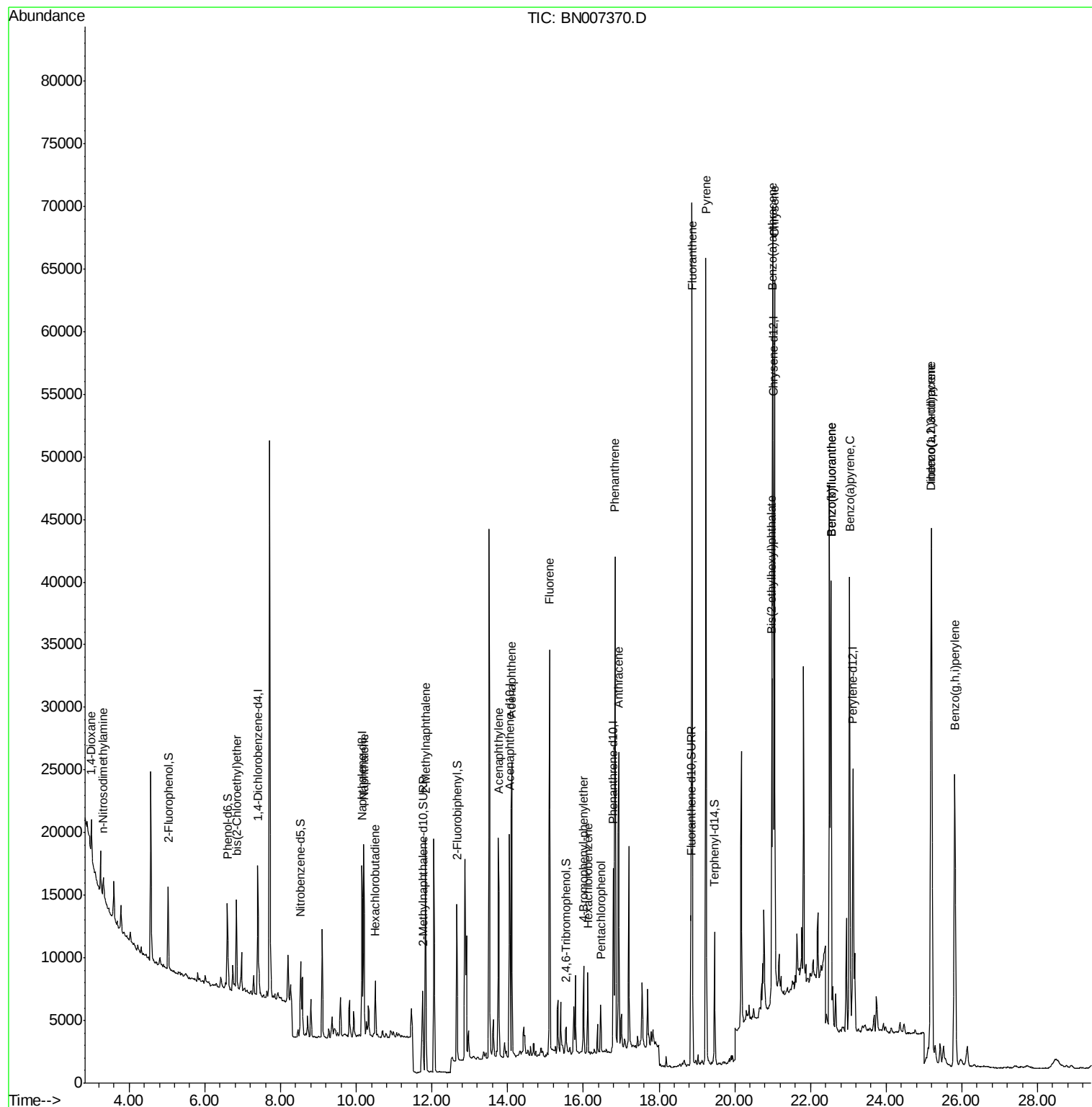
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.01	88	2100	0.259	ng	# 95
3) n-Nitrosodimethylamine	3.31	42	1302	0.346	ng	# 92
6) bis(2-Chloroethyl)ether	6.84	93	5799	0.329	ng	96
9) Naphthalene	10.20	128	19772	0.354	ng	# 91
10) Hexachlorobutadiene	10.51	225	3709	0.324	ng	# 98
12) 2-Methylnaphthalene	11.83	142	13434	0.353	ng	98
16) Acenaphthylene	13.76	152	20472	0.349	ng	99
17) Acenaphthene	14.11	154	12861	0.375	ng	98
18) Fluorene	15.10	166	15538	0.358	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	2770	0.339	ng	92
21) Hexachlorobenzene	16.11	284	4920	0.354	ng	97
22) Pentachlorophenol	16.46	266	1905	0.442	ng	# 65
23) Phenanthrene	16.84	178	40259	0.646	ng	98
24) Anthracene	16.93	178	25995	0.415	ng	98
26) Fluoranthene	18.87	202	61747	0.772	ng	100
28) Pyrene	19.24	202	58824	0.655	ng	97
30) Benzo(a)anthracene	21.00	228	48350	0.552	ng	98
31) Chrysene	21.06	228	47317	0.559	ng	98
32) Bis(2-ethylhexyl)phthalate	20.97	149	21800	0.365	ng	99
33) Indeno(1,2,3-cd)pyrene	25.19	276	50926	0.500	ng	99
35) Benzo(b)fluoranthene	22.55	252	43729	0.456	ng	99
36) Benzo(k)fluoranthene	22.55	252	44203	0.466	ng	98
37) Benzo(a)pyrene	23.03	252	48524	0.531	ng	# 95
38) Dibenzo(a,h)anthracene	25.20	278	35814	0.393	ng	# 92
39) Benzo(g,h,i)perylene	25.82	276	45604	0.502	ng	97

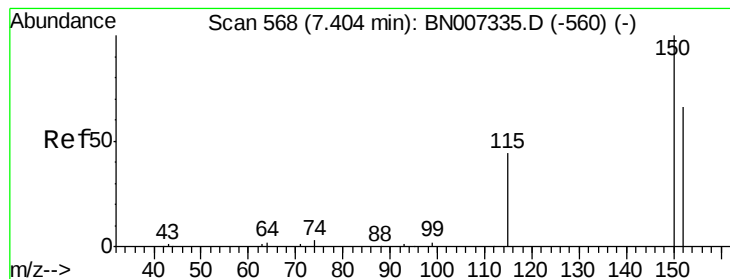
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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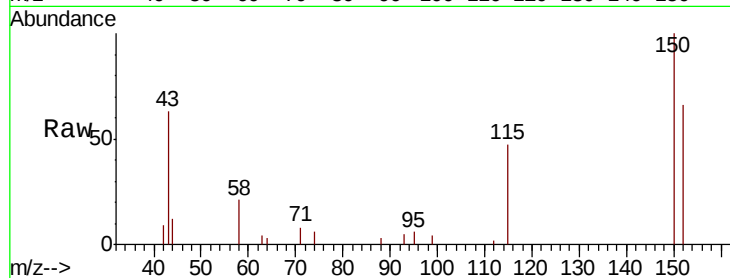


#1

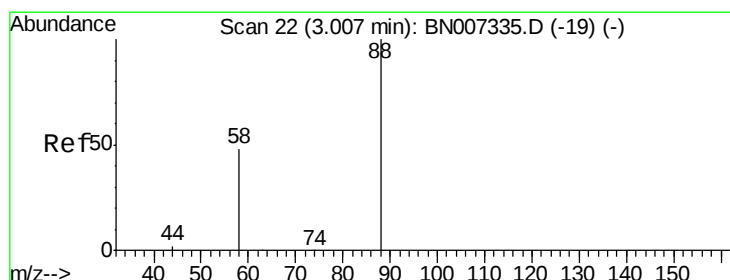
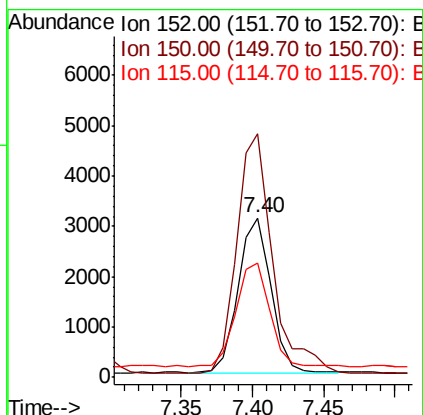
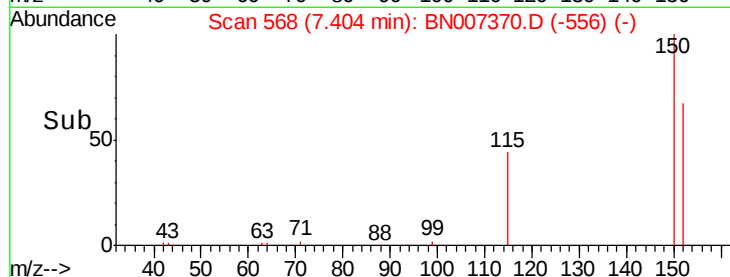
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 568
Delta R.T. -0.00 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119MSD

Tgt Ion:152 Resp: 4877
Ion Ratio Lower Upper
152 100
150 152.4 109.1 163.7
115 71.3 59.6 89.4



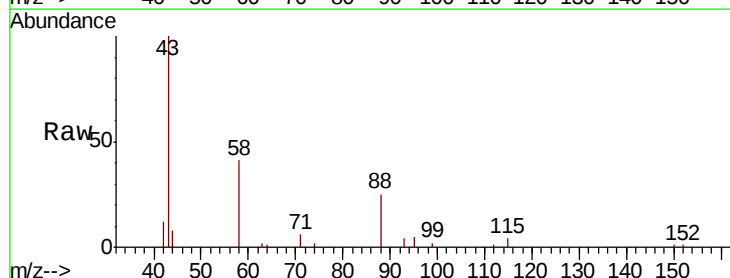
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



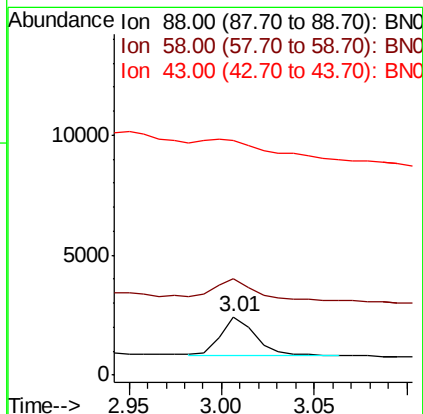
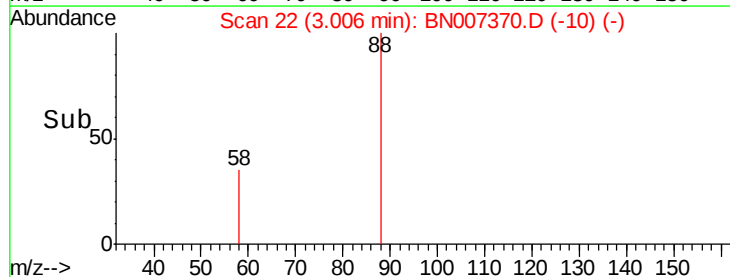
#2

1,4-Dioxane
Concen: 0.259 ng
RT: 3.01 min Scan# 22
Delta R.T. -0.00 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Tgt Ion: 88 Resp: 2100
Ion Ratio Lower Upper
88 100
58 66.8 50.5 75.7
43 0.0 0.0 0.0



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: 0.346 ng

RT: 3.31 min Scan# 60

Delta R.T. -0.02 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

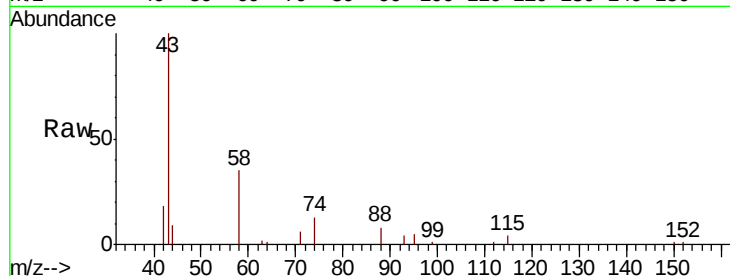
Tgt Ion: 42 Resp: 1302

Ion Ratio Lower Upper

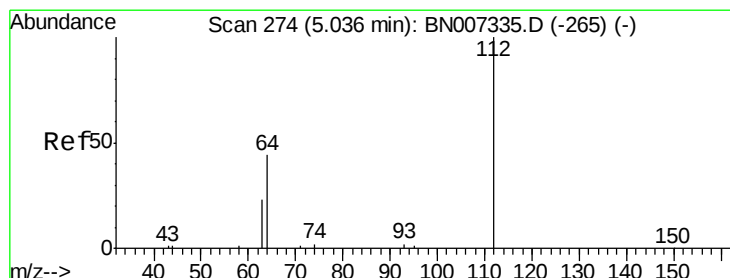
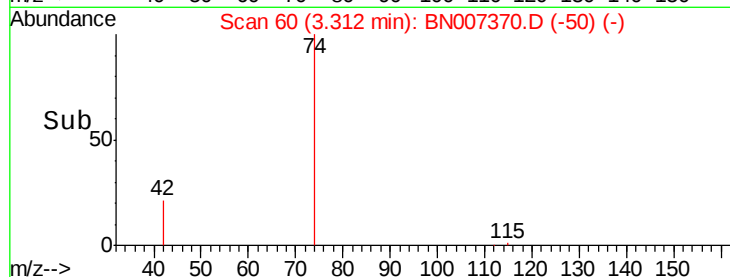
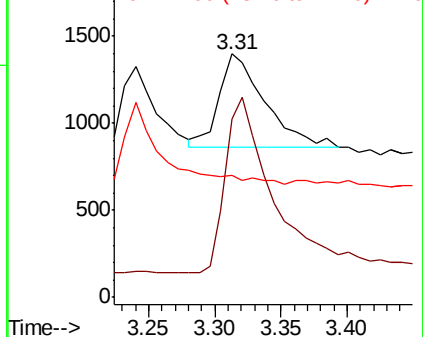
42 100

74 192.9 144.7 217.1

44 0.0 3.2 4.8#



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: 0.328 ng

RT: 5.04 min Scan# 274

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

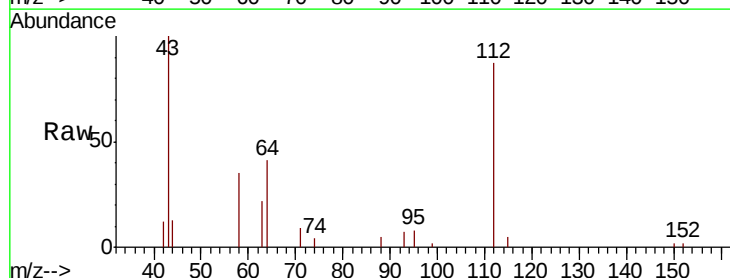
Tgt Ion: 112 Resp: 5646

Ion Ratio Lower Upper

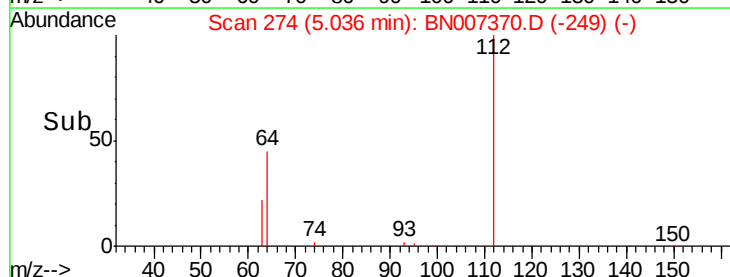
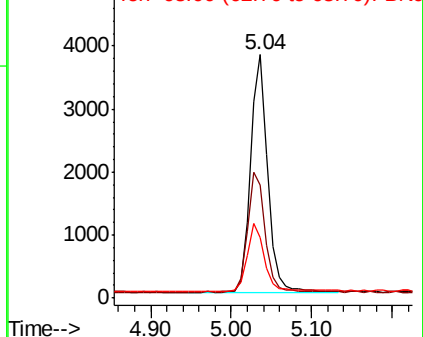
112 100

64 51.4 42.3 63.5

63 28.0 23.6 35.4



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





#5

Phenol-d6

Concen: 0.312 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

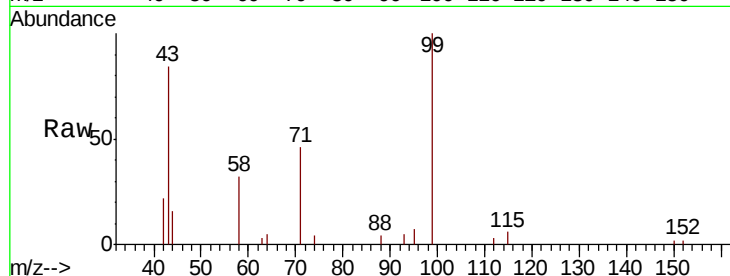
Tgt Ion: 99 Resp: 6859

Ion Ratio Lower Upper

99 100

42 12.6 11.2 16.8

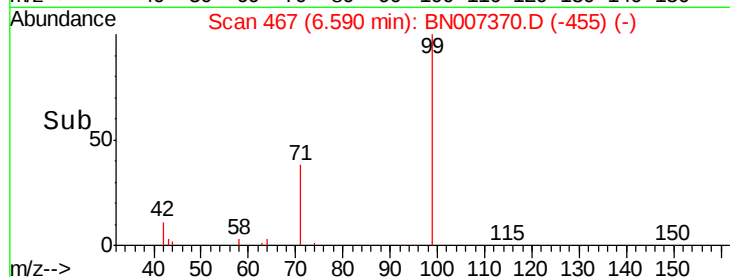
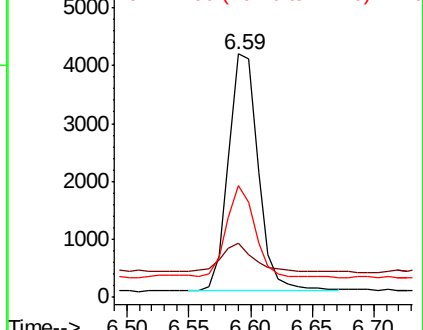
71 37.8 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007370.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007370.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007370.D (-462) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.329 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

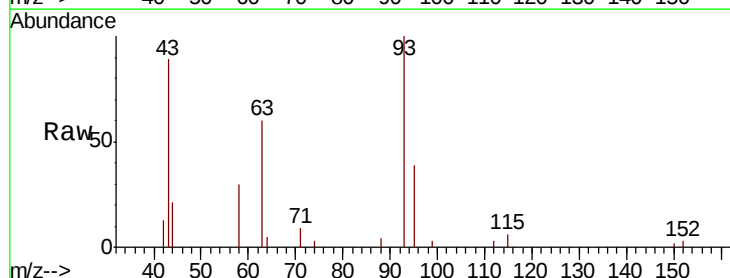
Tgt Ion: 93 Resp: 5799

Ion Ratio Lower Upper

93 100

63 61.8 51.9 77.9

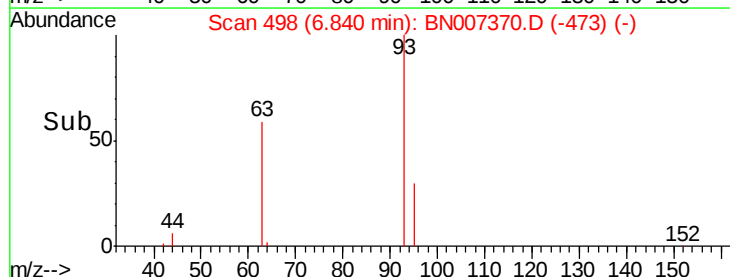
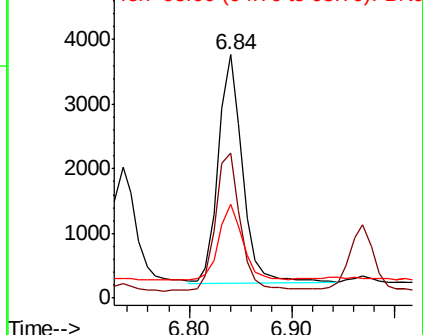
95 32.2 27.7 41.5



Abundance Ion 93.00 (92.70 to 93.70): BN007370.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007370.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007370.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

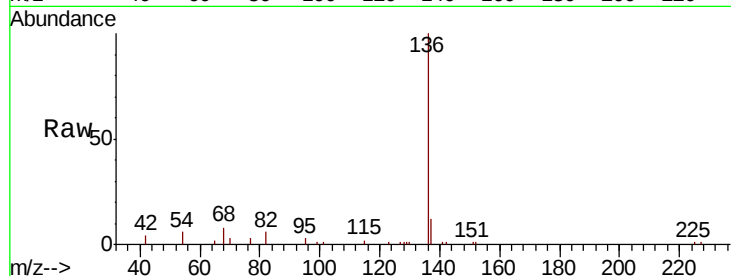
Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

Tgt Ion:	136	Resp:	19530
Ion	Ratio	Lower	Upper
136	100		
137	11.6	12.9	19.3#
54	5.9	8.6	12.8#
68	7.7	17.0	25.4#



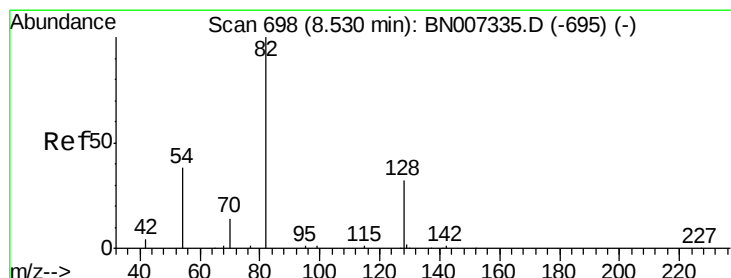
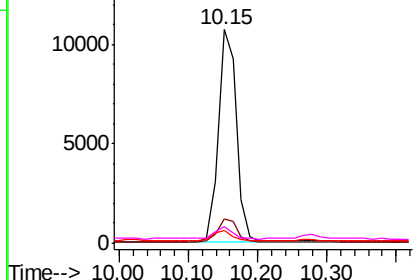
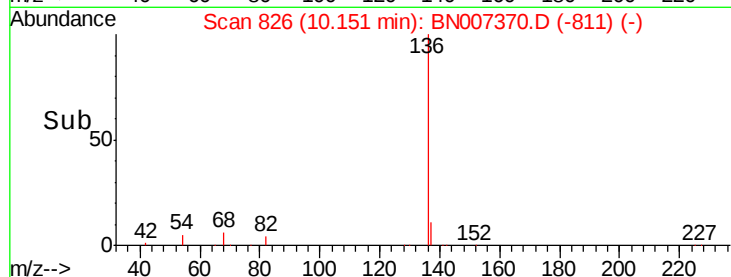
Abundance

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: 0.311 ng

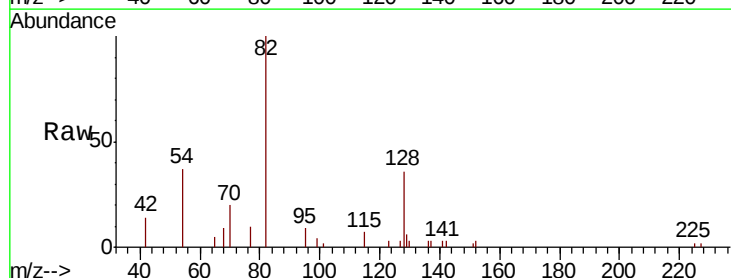
RT: 8.53 min Scan# 698

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Tgt Ion:	82	Resp:	5290
Ion	Ratio	Lower	Upper
82	100		
128	36.4	19.7	29.5#
54	37.4	25.8	38.6

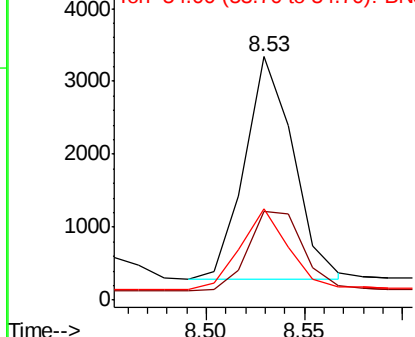
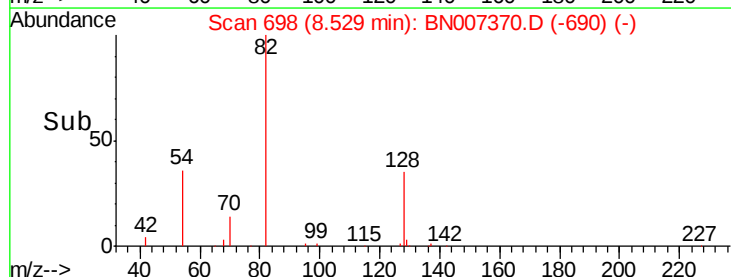


Abundance

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: 0.354 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

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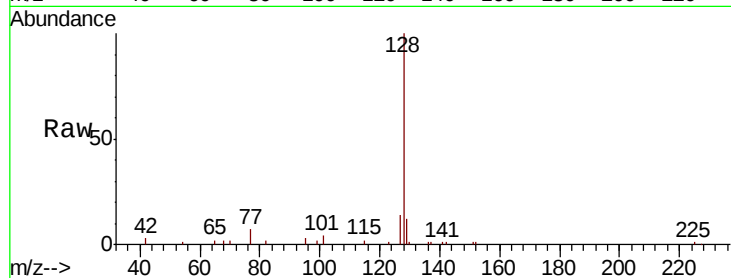
Tgt Ion:128 Resp: 19772

Ion Ratio Lower Upper

128 100

129 11.7 11.1 16.7

127 14.1 15.5 23.3#

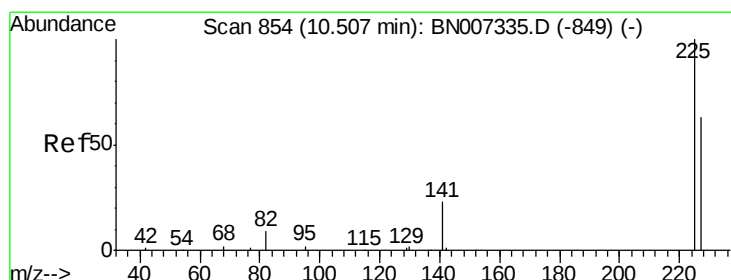
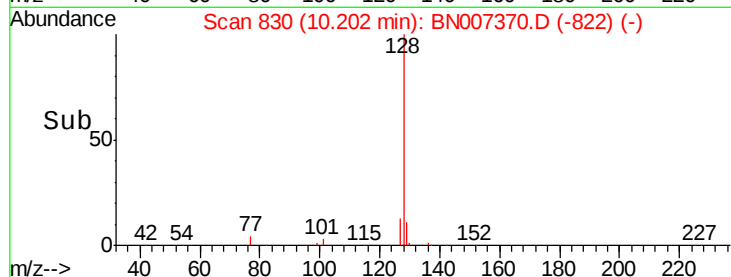
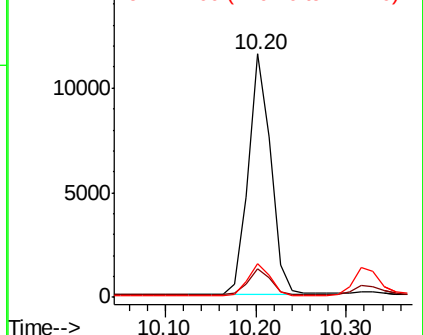


Abundance

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: 0.324 ng

RT: 10.51 min Scan# 854

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

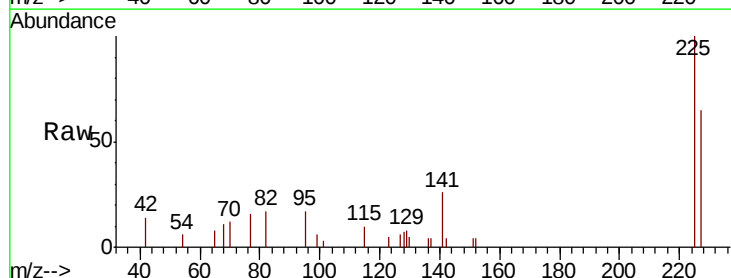
Tgt Ion:225 Resp: 3709

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 65.0 50.7 76.1

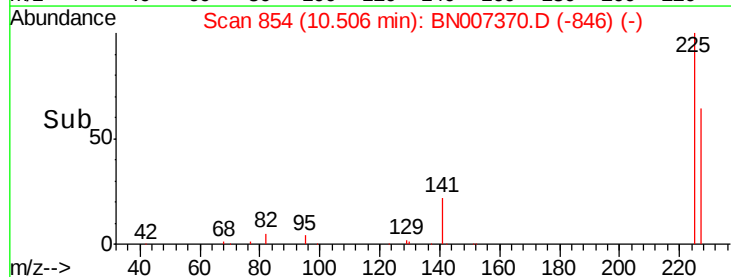
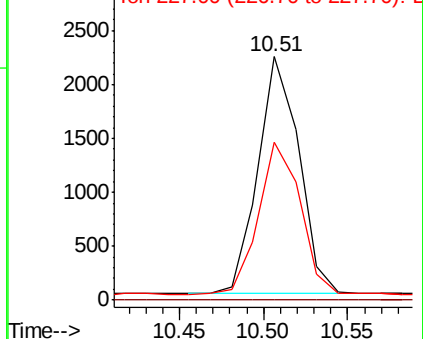


Abundance

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: 0.406 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.00 min

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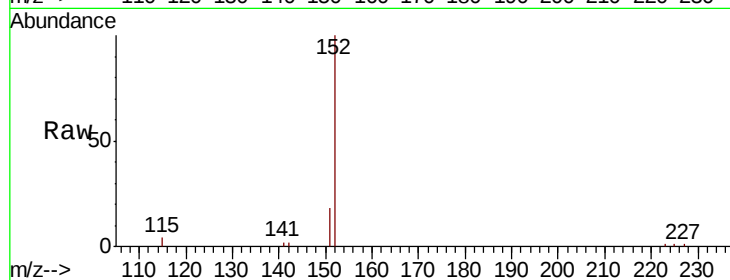
N3-SB1-1.0-1.5-082119MSD

Tgt Ion:152 Resp: 13163

Ion Ratio Lower Upper

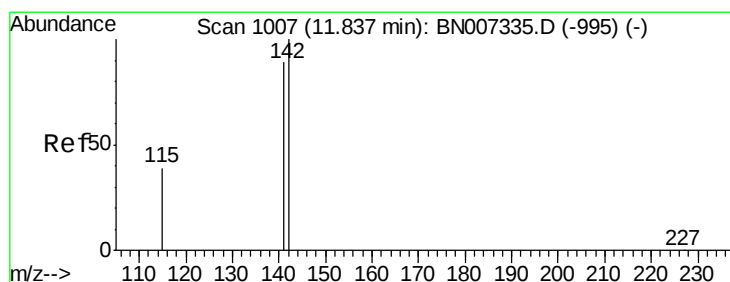
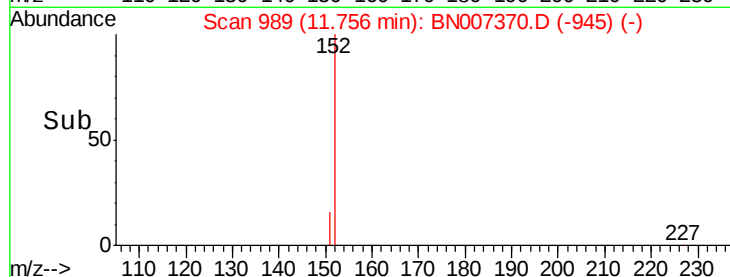
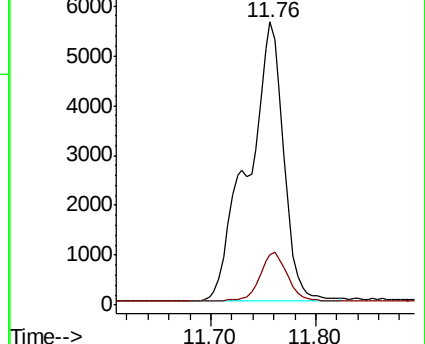
152 100

151 13.4 16.2 24.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.353 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

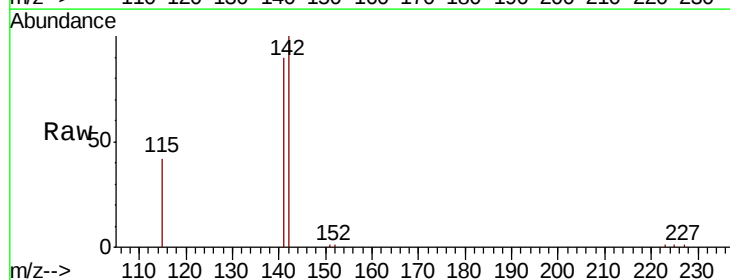
Tgt Ion:142 Resp: 13434

Ion Ratio Lower Upper

142 100

141 90.0 72.8 109.2

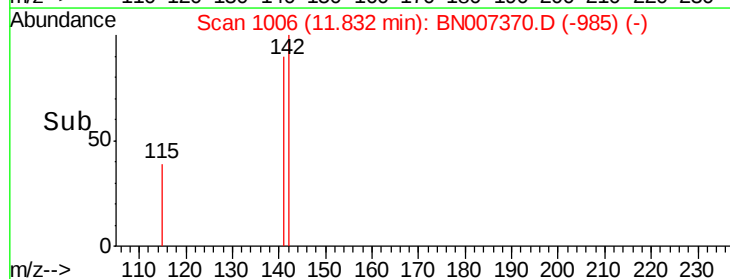
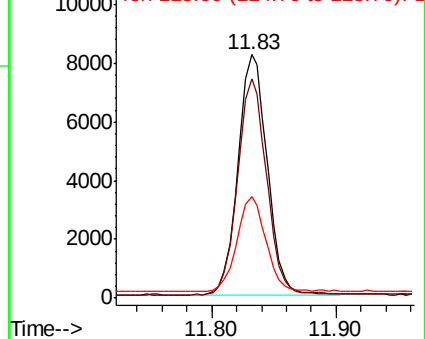
115 41.5 35.2 52.8

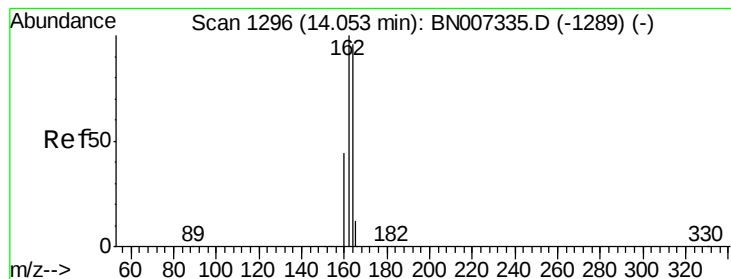


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

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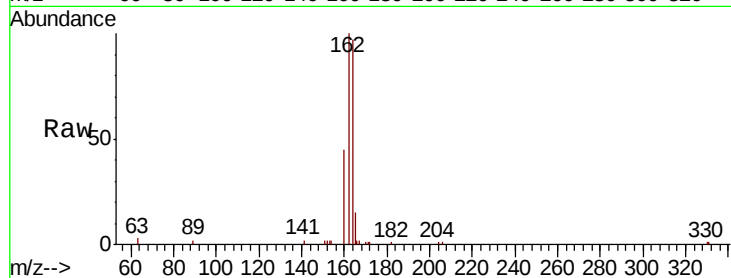
Tgt Ion:164 Resp: 9910

Ion Ratio Lower Upper

164 100

162 103.2 83.5 125.3

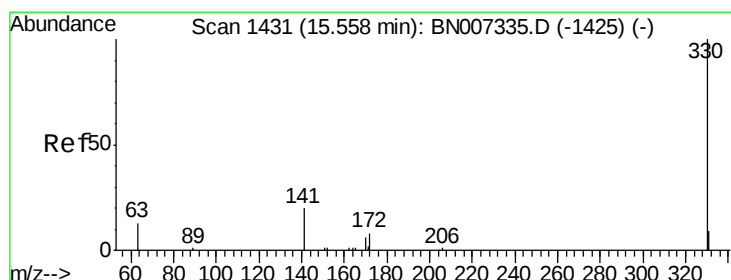
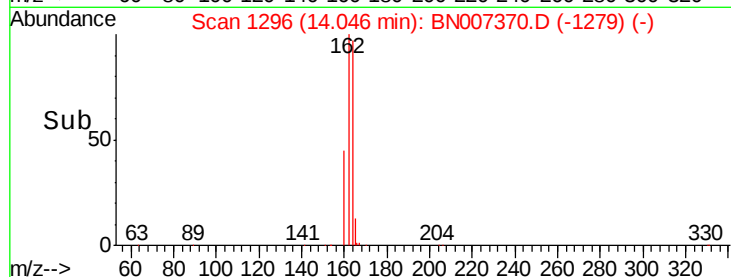
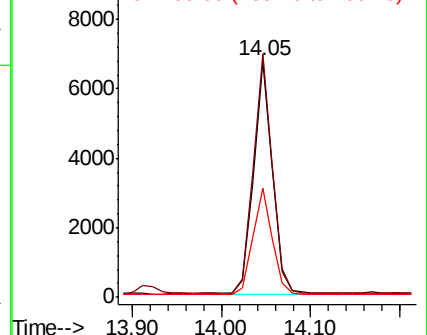
160 46.4 38.2 57.4



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: 0.301 ng

RT: 15.55 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

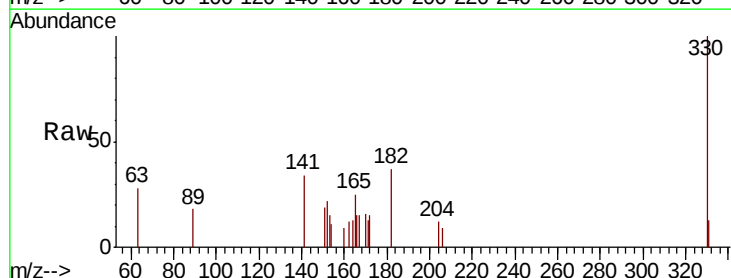
Tgt Ion:330 Resp: 1563

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

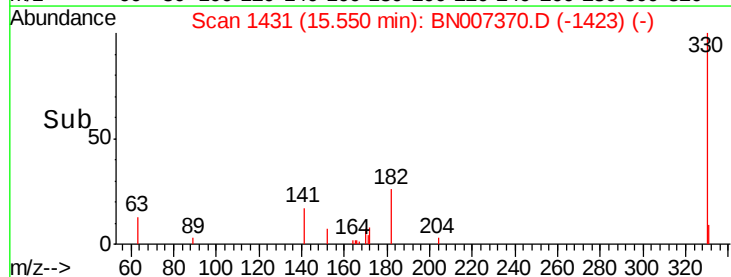
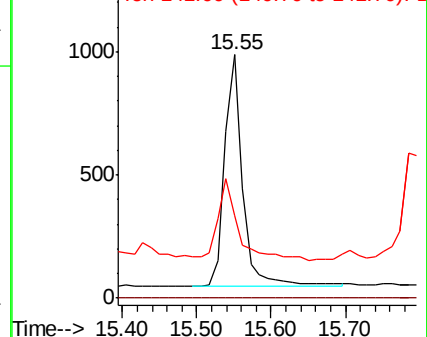
141 37.9 26.9 40.3

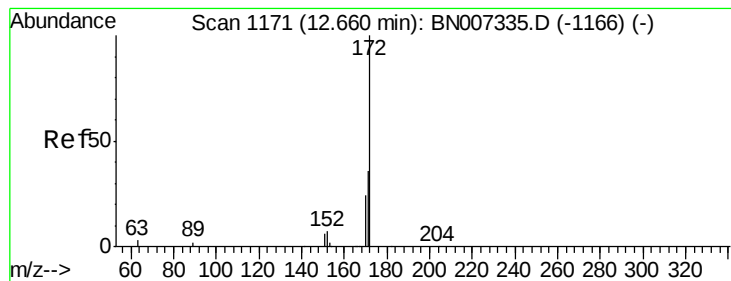


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.268 ng

RT: 12.66 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

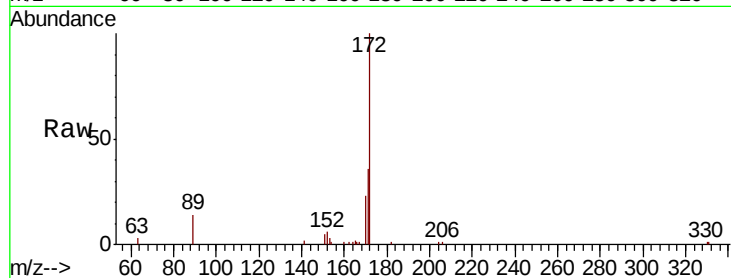
Tgt Ion:172 Resp: 10700

Ion Ratio Lower Upper

172 100

171 35.6 30.3 45.5

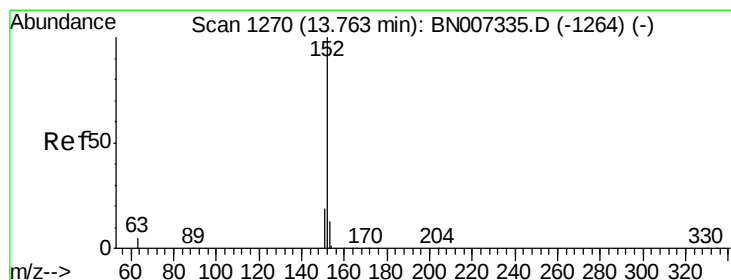
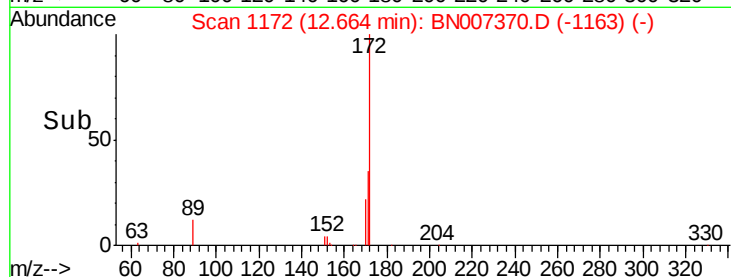
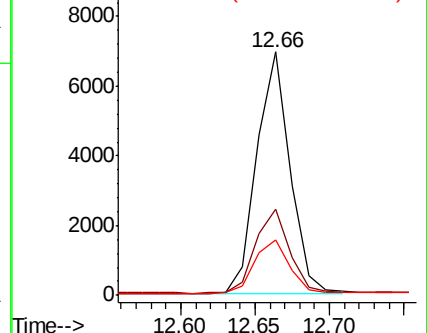
170 22.8 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.349 ng

RT: 13.76 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

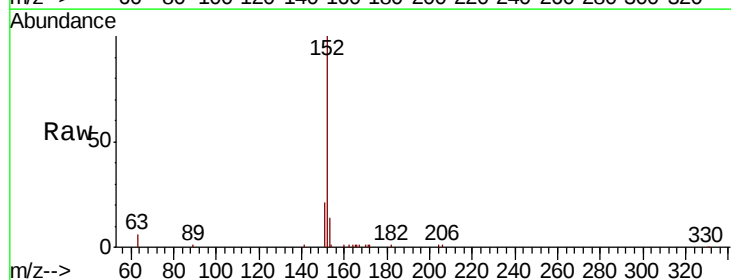
Tgt Ion:152 Resp: 20472

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

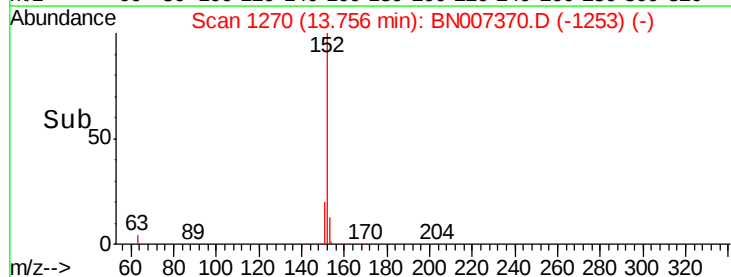
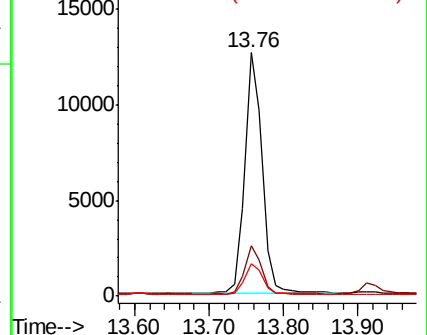
153 12.9 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.375 ng

RT: 14.11 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

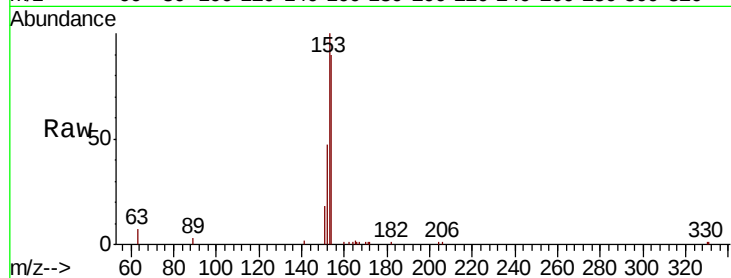
Tgt Ion:154 Resp: 12861

Ion Ratio Lower Upper

154 100

153 113.0 92.8 139.2

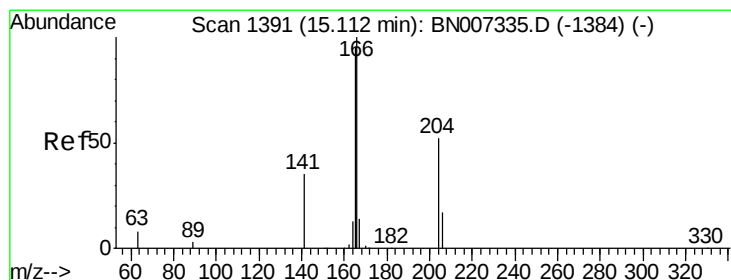
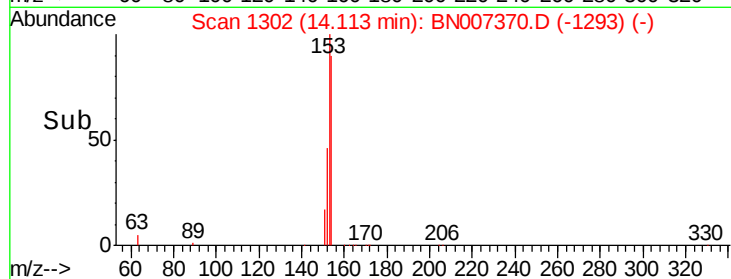
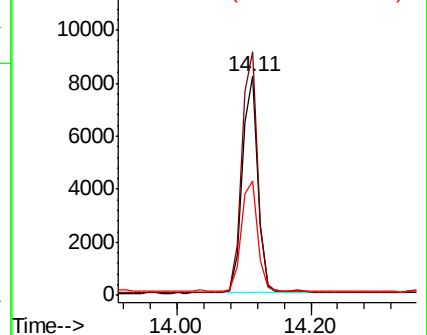
152 53.8 43.8 65.8



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: 0.358 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

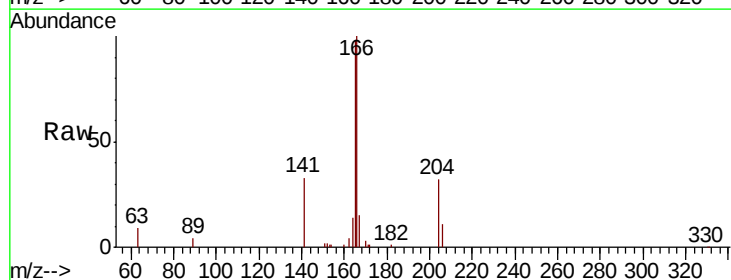
Tgt Ion:166 Resp: 15538

Ion Ratio Lower Upper

166 100

165 97.3 79.0 118.4

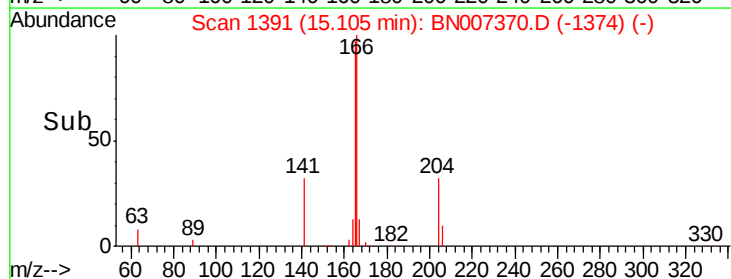
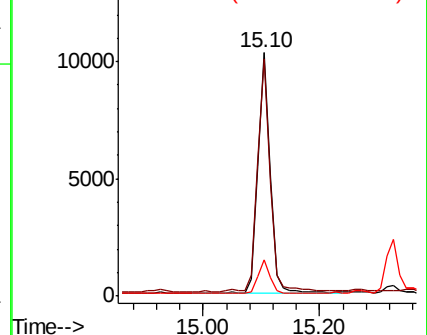
167 14.0 10.6 15.8



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: 16.79 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

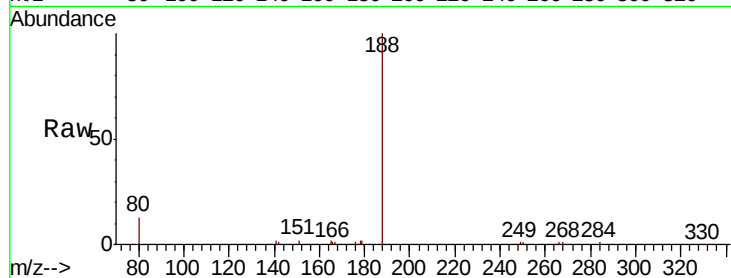
Tgt Ion:188 Resp: 20710

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

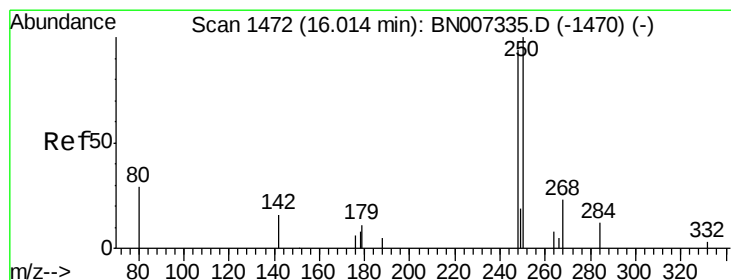
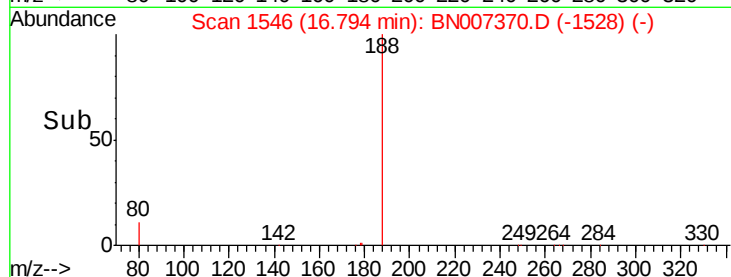
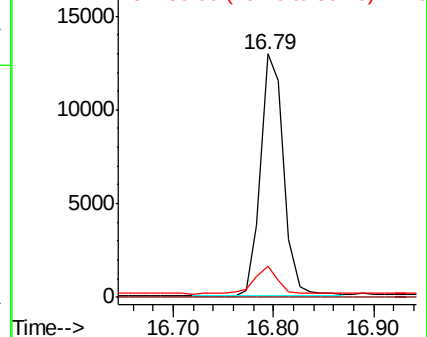
80 12.7 11.8 17.8



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: 0.339 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

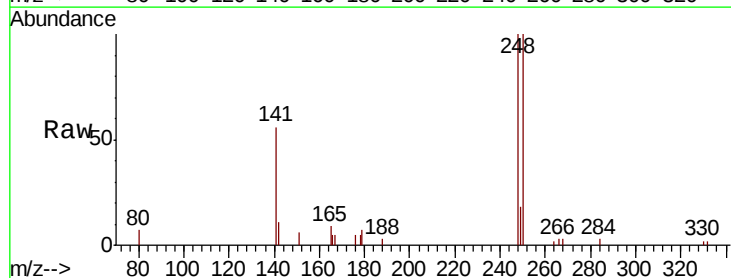
Tgt Ion:248 Resp: 2770

Ion Ratio Lower Upper

248 100

250 99.7 85.0 127.6

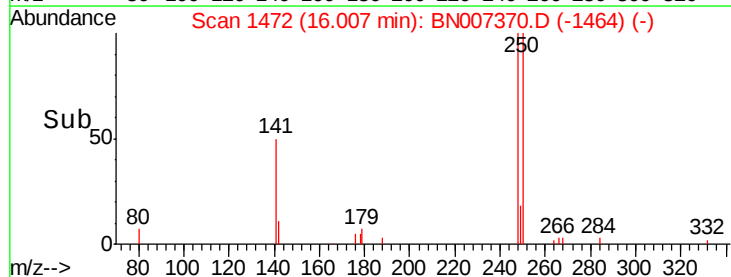
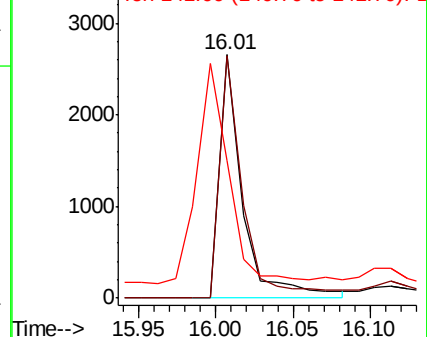
141 56.4 51.7 77.5

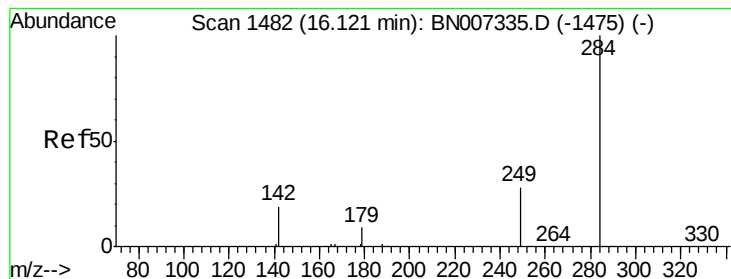


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.354 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

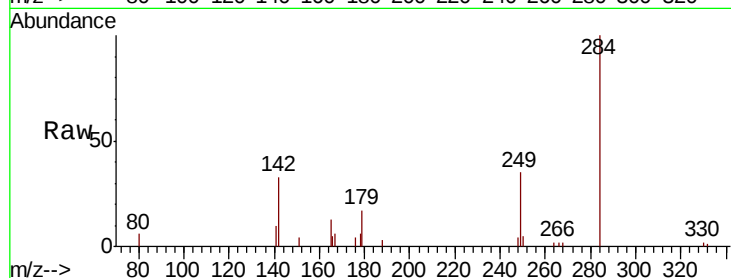
Tgt Ion:284 Resp: 4920

Ion Ratio Lower Upper

284 100

142 34.2 29.0 43.6

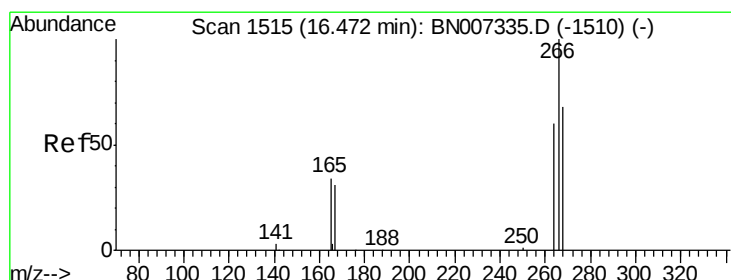
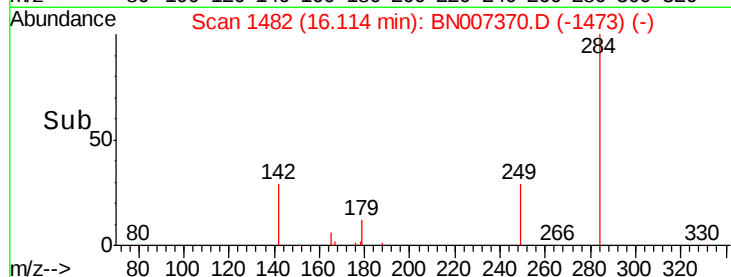
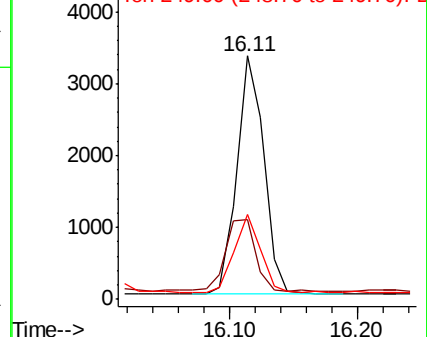
249 32.0 24.9 37.3



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: 0.442 ng

RT: 16.46 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

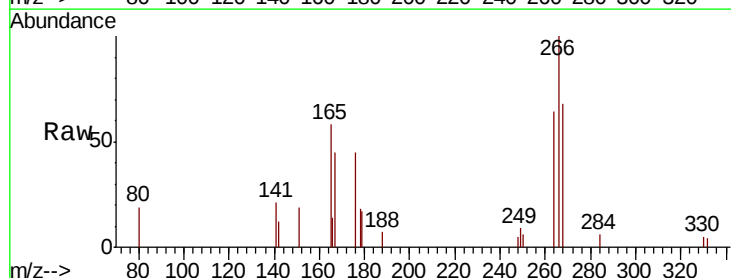
Tgt Ion:266 Resp: 1905

Ion Ratio Lower Upper

266 100

264 63.8 57.8 86.8

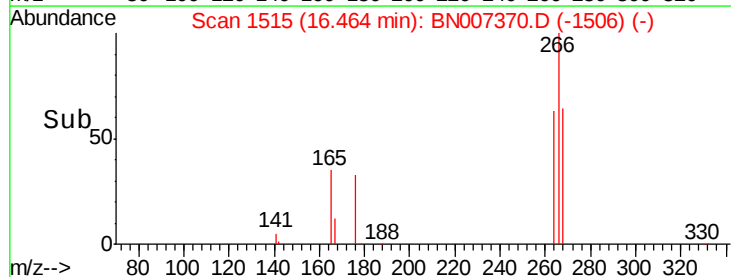
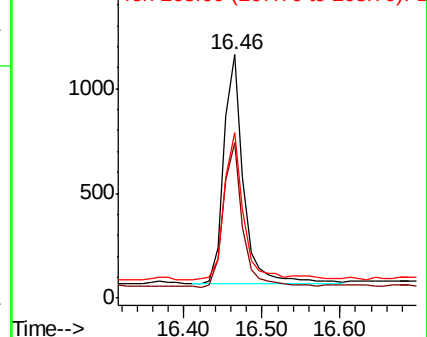
268 68.0 99.7 149.5#



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: 0.646 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

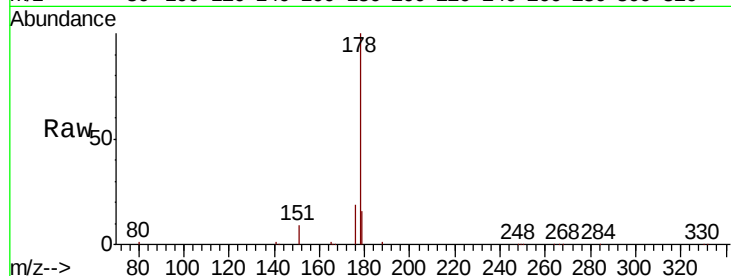
Tgt Ion:178 Resp: 40259

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

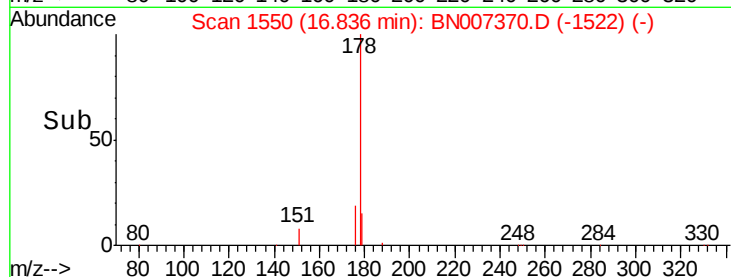
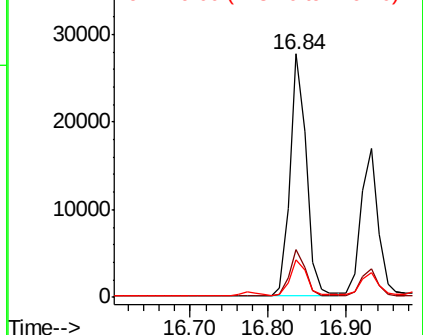
179 14.8 12.6 19.0



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: 0.415 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

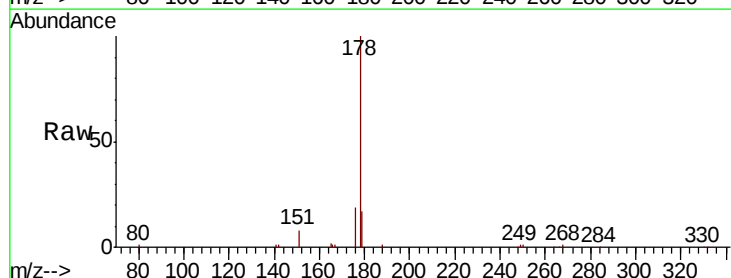
Tgt Ion:178 Resp: 25995

Ion Ratio Lower Upper

178 100

176 17.3 14.9 22.3

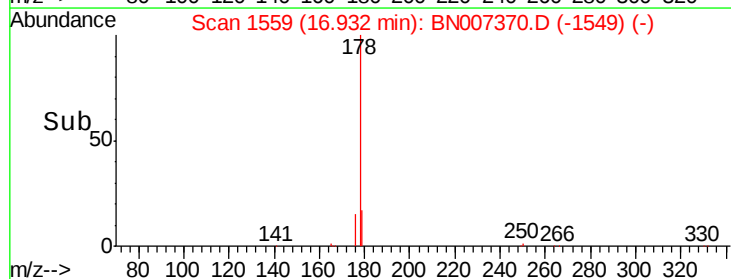
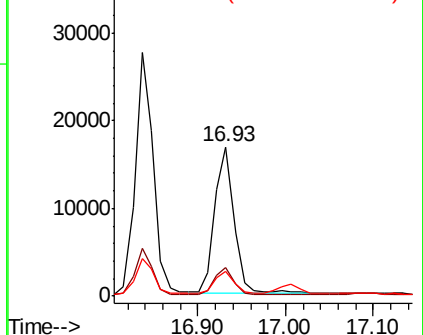
179 15.0 12.4 18.6

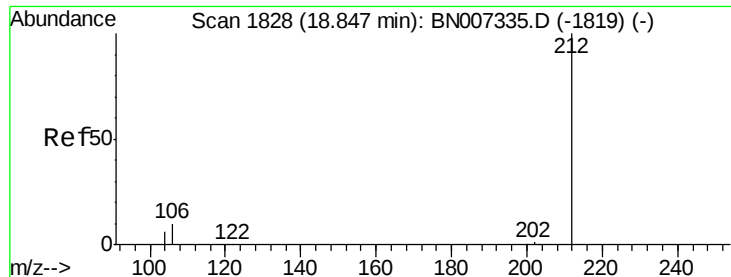


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.226 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

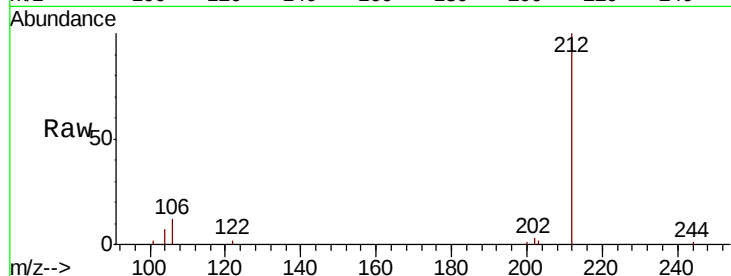
Tgt Ion:212 Resp: 15097

Ion Ratio Lower Upper

212 100

106 11.5 9.0 13.4

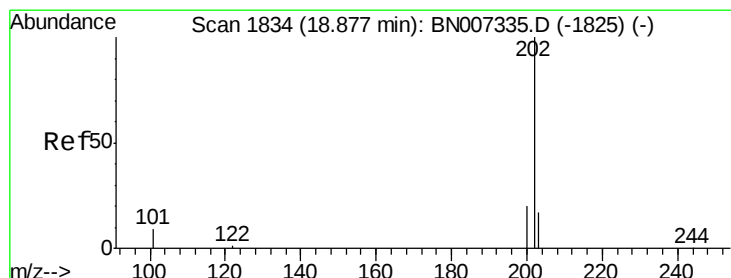
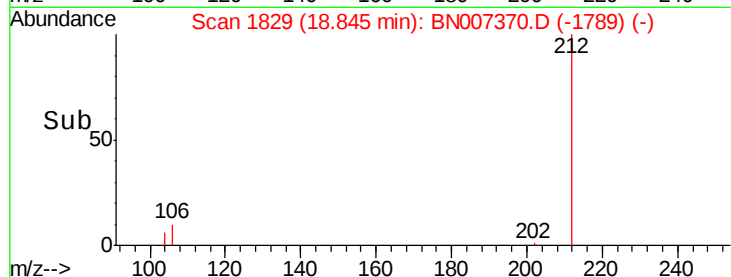
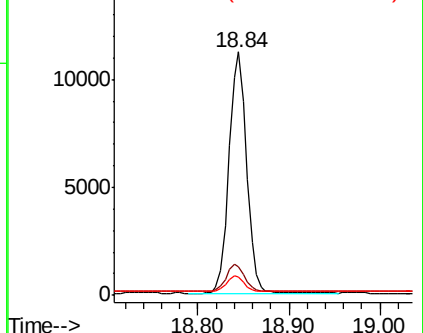
104 6.9 5.4 8.2



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: 0.772 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

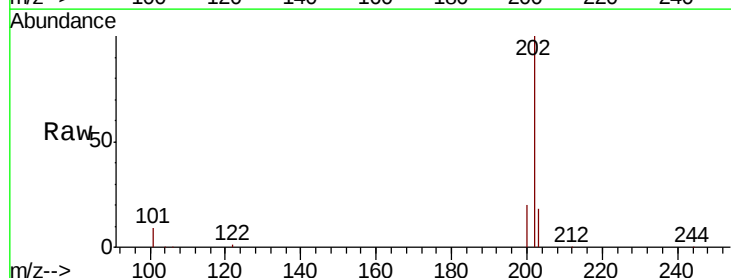
Tgt Ion:202 Resp: 61747

Ion Ratio Lower Upper

202 100

101 9.5 7.7 11.5

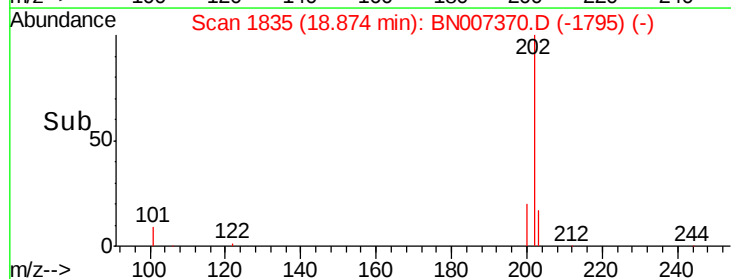
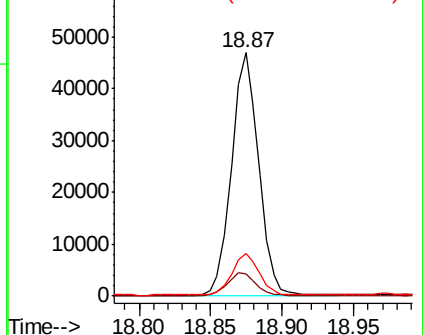
203 17.2 13.7 20.5



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: 21.02 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

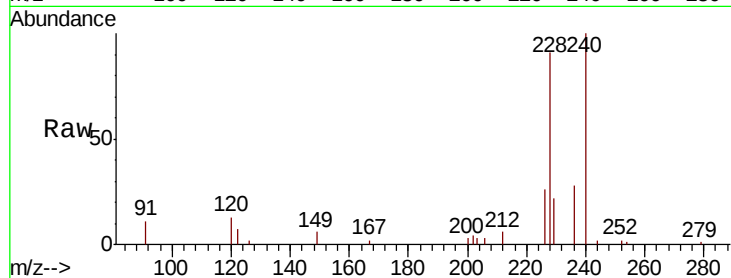
Tgt Ion:240 Resp: 22316

Ion Ratio Lower Upper

240 100

120 13.2 9.6 14.4

236 27.9 22.2 33.2

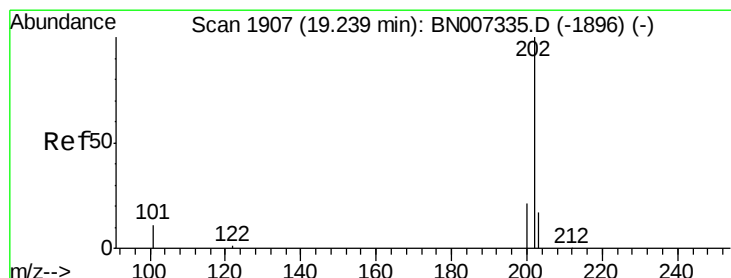
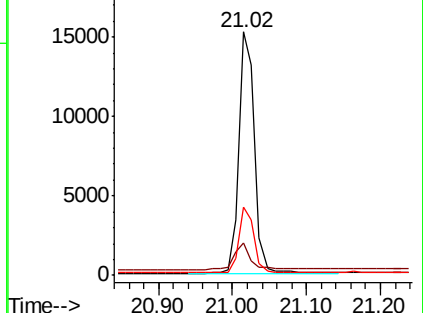
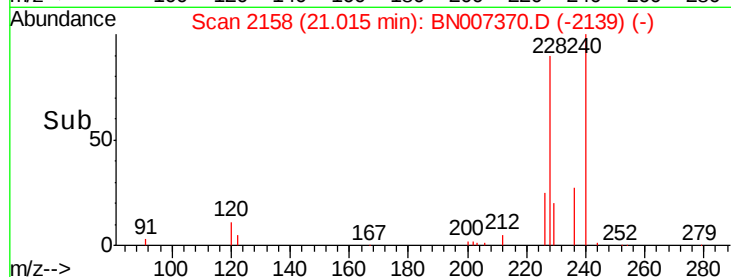


Abundance

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: 0.655 ng

RT: 19.24 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

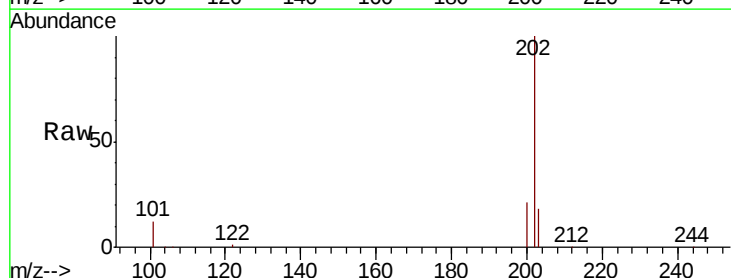
Tgt Ion:202 Resp: 58824

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

203 21.0 14.2 21.4

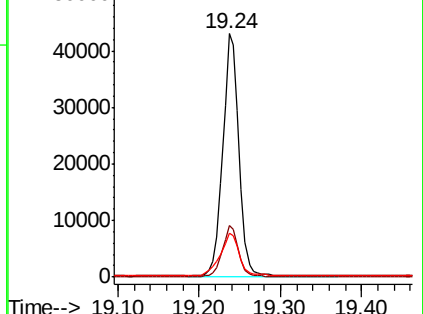
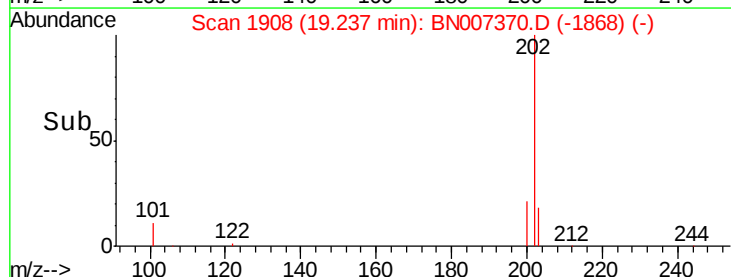


Abundance

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: 0.181 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

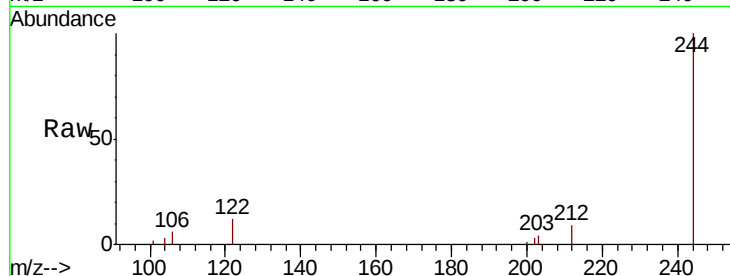
Tgt Ion:244 Resp: 10551

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

122 11.7 9.6 14.4

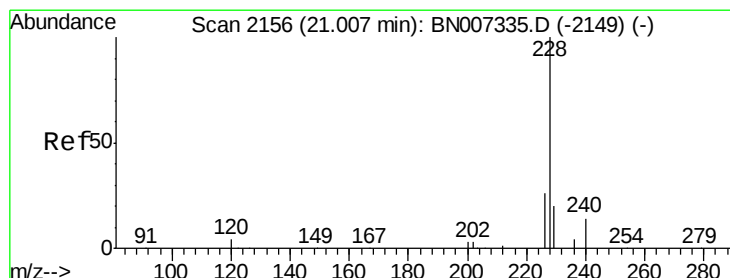
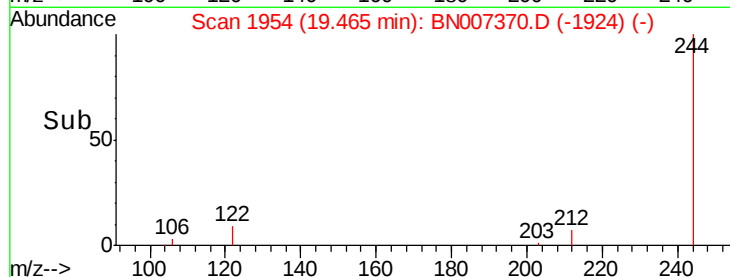
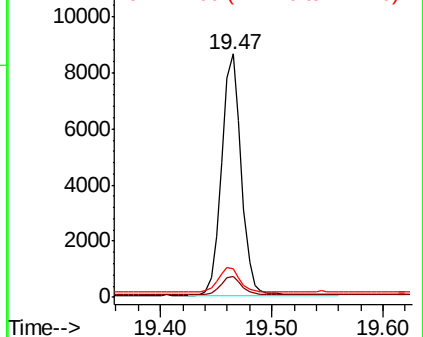


Abundance

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: 0.552 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

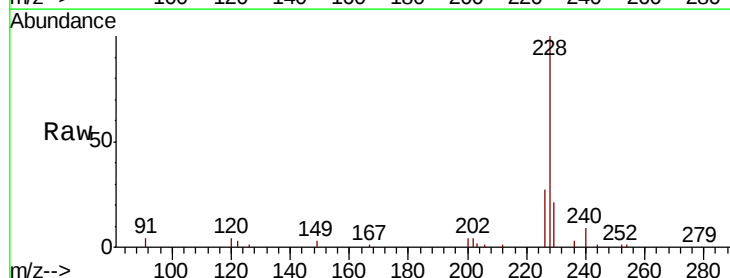
Tgt Ion:228 Resp: 48350

Ion Ratio Lower Upper

228 100

226 27.5 21.3 31.9

229 20.8 16.1 24.1

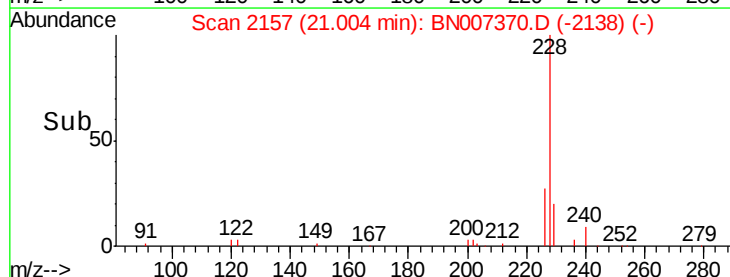
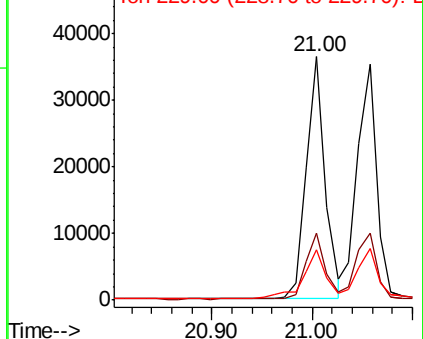


Abundance

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: 0.559 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

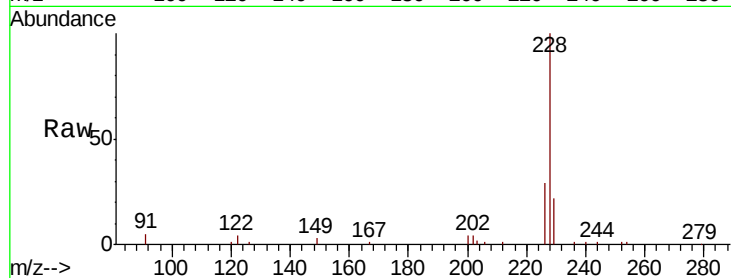
Tgt Ion:228 Resp: 47317

Ion Ratio Lower Upper

228 100

226 28.6 23.5 35.3

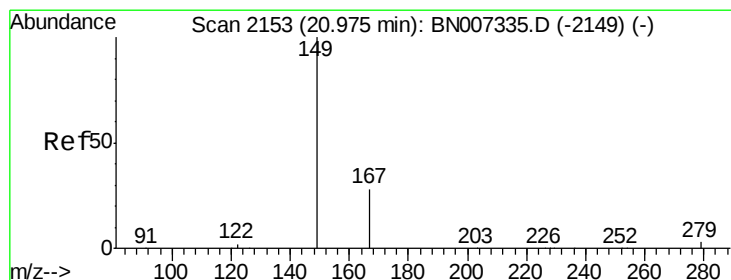
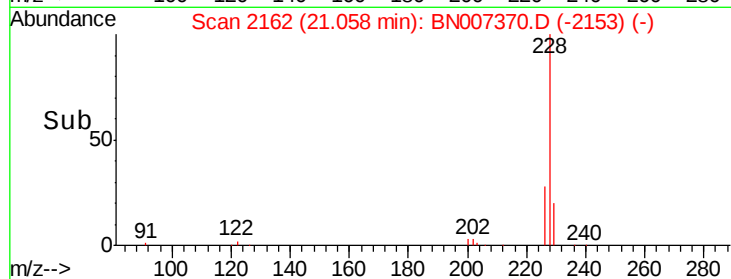
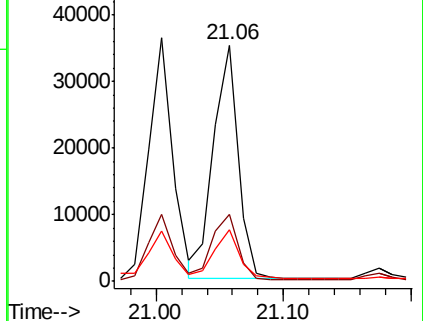
229 21.8 16.6 24.8



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: 0.365 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

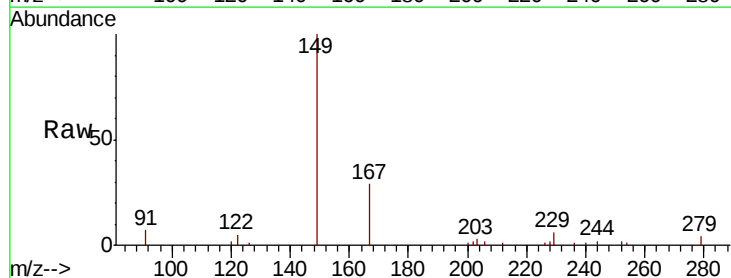
Tgt Ion:149 Resp: 21800

Ion Ratio Lower Upper

149 100

167 27.9 22.8 34.2

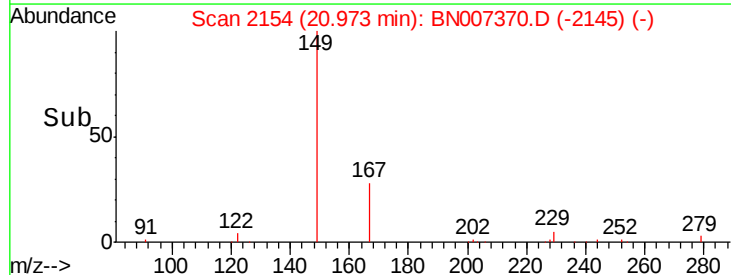
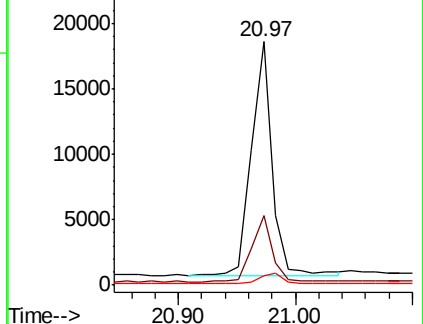
279 4.7 3.5 5.3



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: 0.500 ng

RT: 25.19 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

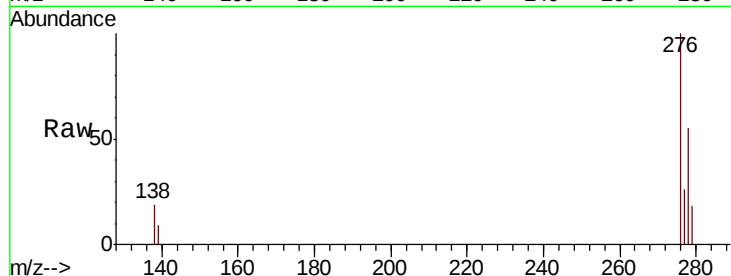
Tgt Ion:276 Resp: 50926

Ion Ratio Lower Upper

276 100

138 18.8 15.1 22.7

277 25.0 19.7 29.5

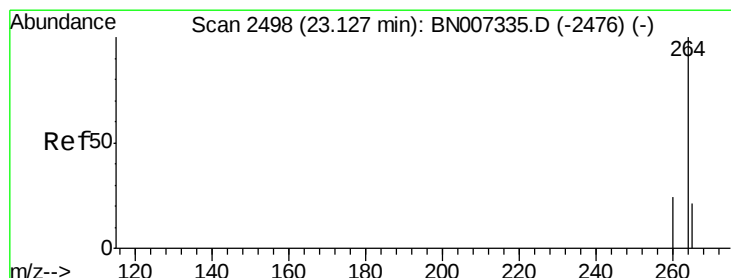
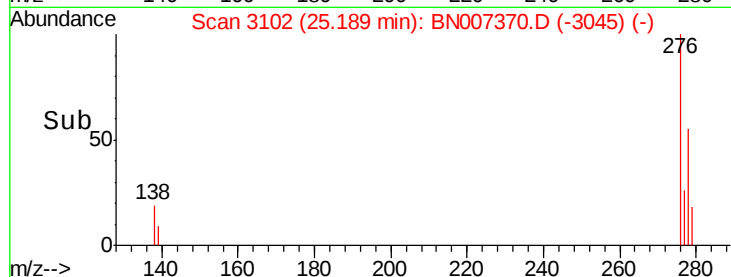
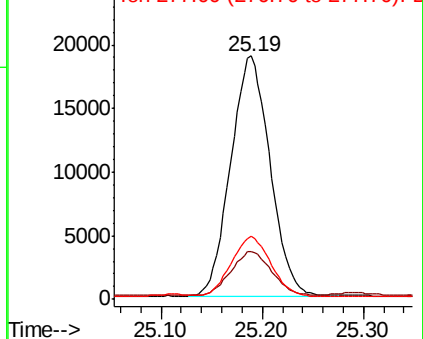


Abundance

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: 23.13 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

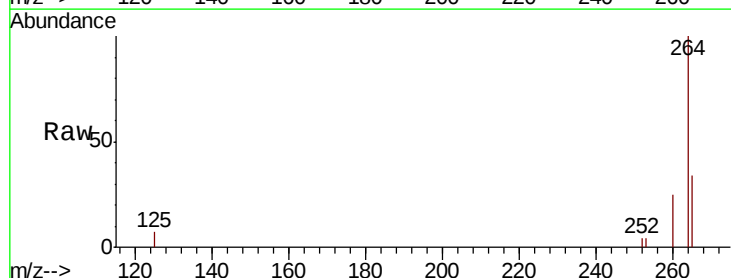
Tgt Ion:264 Resp: 26494

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 34.3 29.9 44.9

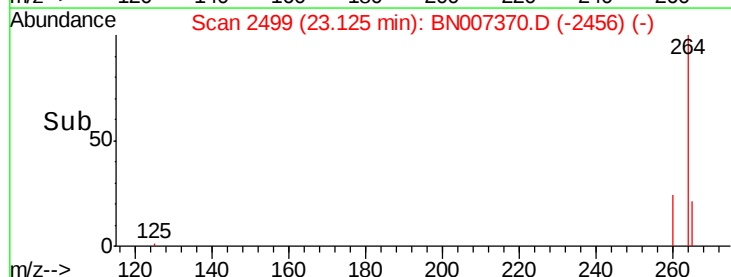
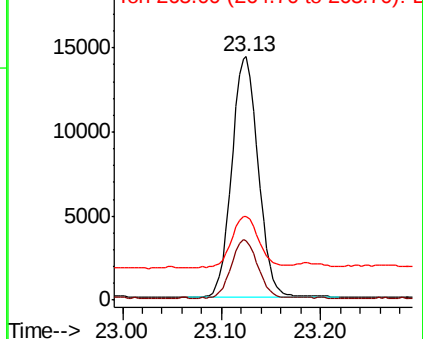


Abundance

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

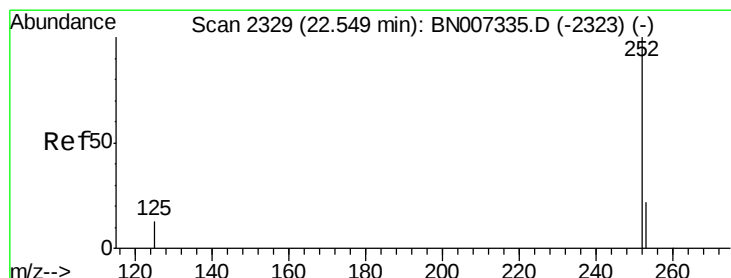
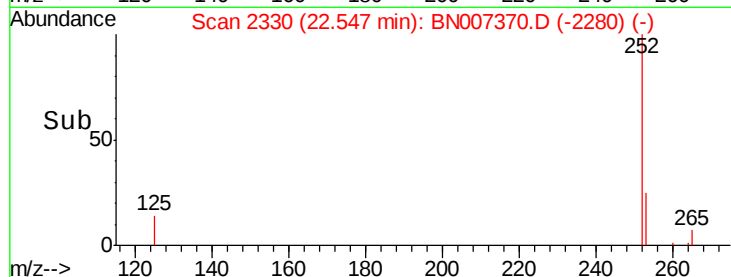
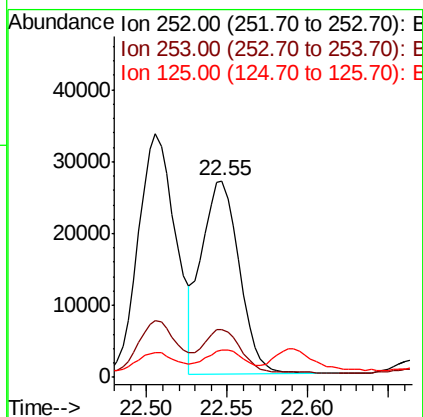
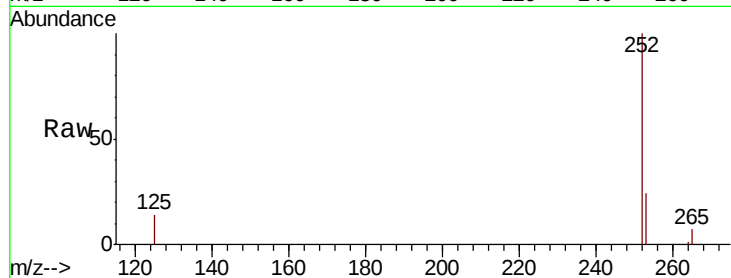




#35
Benzo(b)fluoranthene
Concen: 0.456 ng
RT: 22.55 min Scan# 2330
Delta R.T. 0.04 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

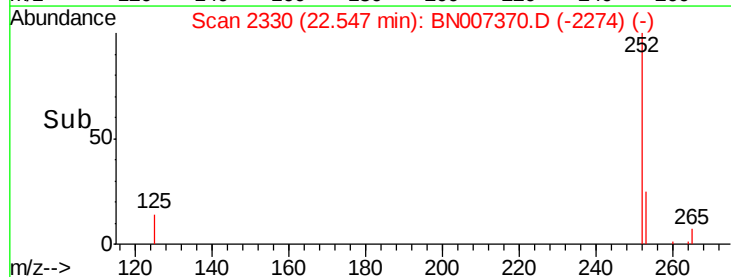
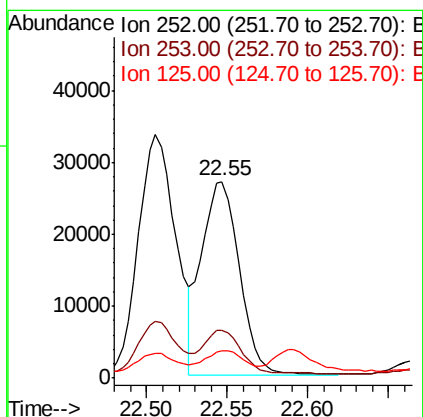
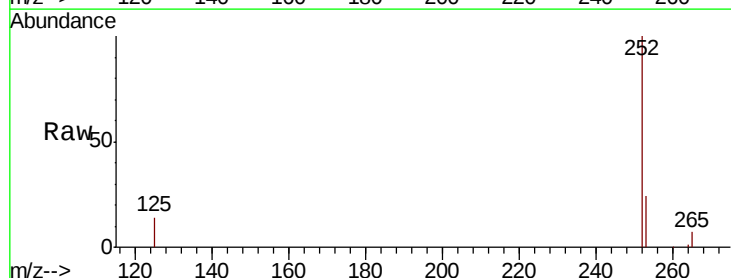
Instrument :
BNA_N
ClientSampleId :
N3-SB1-1.0-1.5-082119MSD

Tgt Ion:252 Resp: 43729
Ion Ratio Lower Upper
252 100
253 24.4 19.2 28.8
125 14.0 10.6 16.0



#36
Benzo(k)fluoranthene
Concen: 0.466 ng
RT: 22.55 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BN007370.D
Acq: 24 Aug 2019 19:06

Tgt Ion:252 Resp: 44203
Ion Ratio Lower Upper
252 100
253 24.4 19.4 29.2
125 14.0 13.1 19.7





#37

Benzo(a)pyrene

Concen: 0.531 ng

RT: 23.03 min Scan# 2472

Delta R.T. -0.01 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MSD

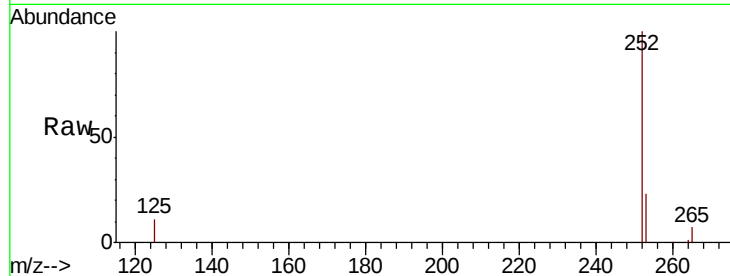
Tgt Ion:252 Resp: 48524

Ion Ratio Lower Upper

252 100

253 23.5 19.5 29.3

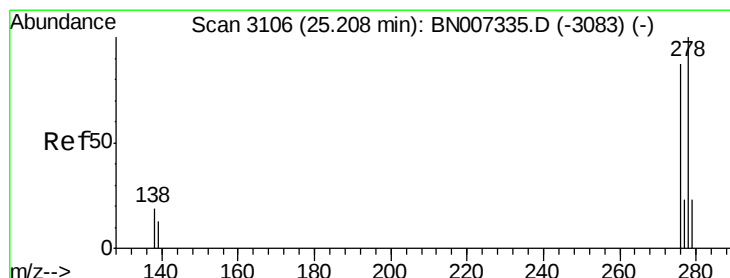
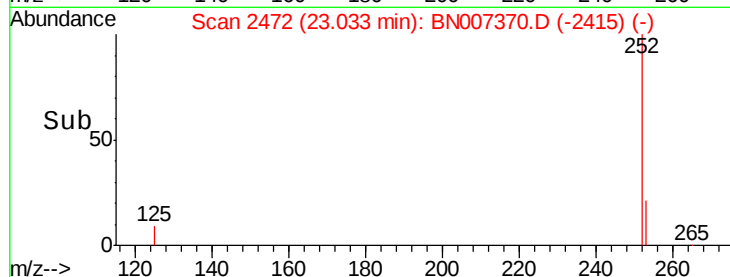
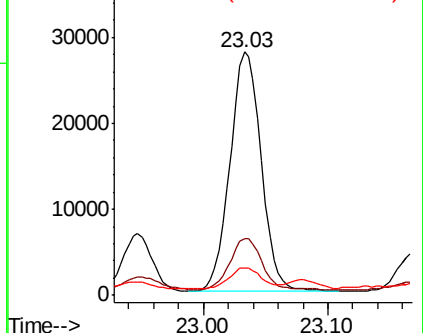
125 11.4 12.1 18.1#



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: 0.393 ng

RT: 25.20 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BN007370.D

Acq: 24 Aug 2019 19:06

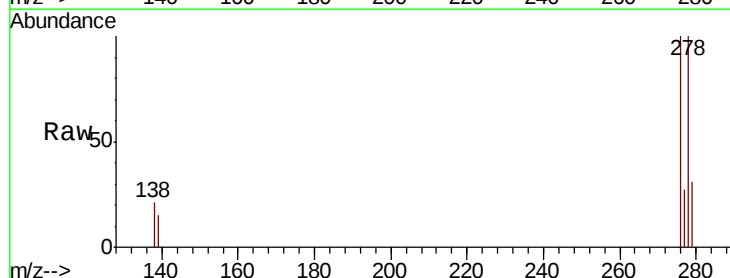
Tgt Ion:278 Resp: 35814

Ion Ratio Lower Upper

278 100

139 15.1 13.7 20.5

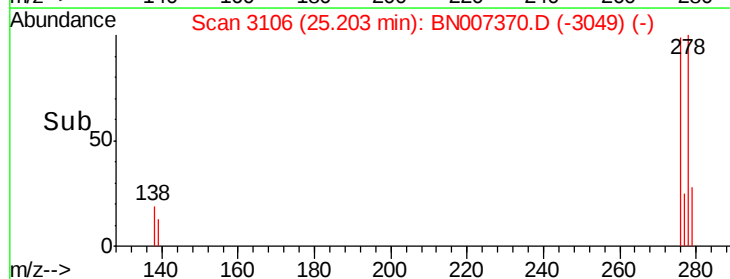
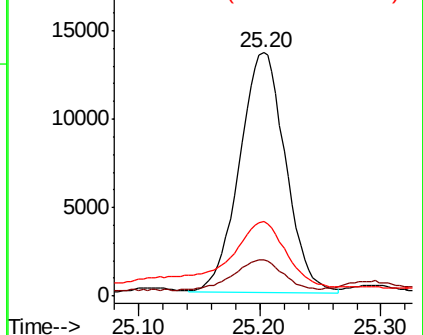
279 30.6 20.2 30.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.502 ng

RT: 25.82 min Scan# 3285

Delta R.T. -0.00 min

Lab File: BN007370.D

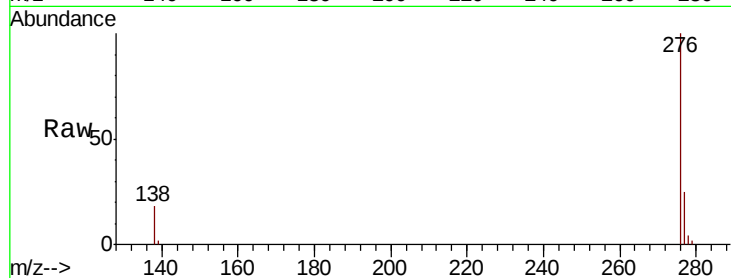
Acq: 24 Aug 2019 19:06

Instrument :

BNA_N

ClientSampleId :

N3-SB1-1.0-1.5-082119MSD



Tgt Ion: 276 Resp: 45604

Ion Ratio Lower Upper

276 100

277 24.8 19.6 29.4

138 18.1 16.3 24.5

