

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112519\
 Data File : BN008743.D
 Acq On : 25 Nov 2019 18:52
 Operator : JU
 Sample : PB124746BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB124746BSD

Quant Time: Nov 26 02:54:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 25 10:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	5132	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	18487	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	10459	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	21585	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	19970	0.40	ng	-0.01
34) Perylene-d12	23.32	264	21112	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	3095	0.23	ng	0.00
5) Phenol-d6	6.78	99	2887	0.17	ng	0.00
8) Nitrobenzene-d5	8.72	82	4955	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	12678	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1616	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	15929	0.39	ng	-0.01
25) Fluoranthene-d10	18.99	212	22192	0.35	ng	0.00
29) Terphenyl-d14	19.60	244	22016	0.46	ng	0.00

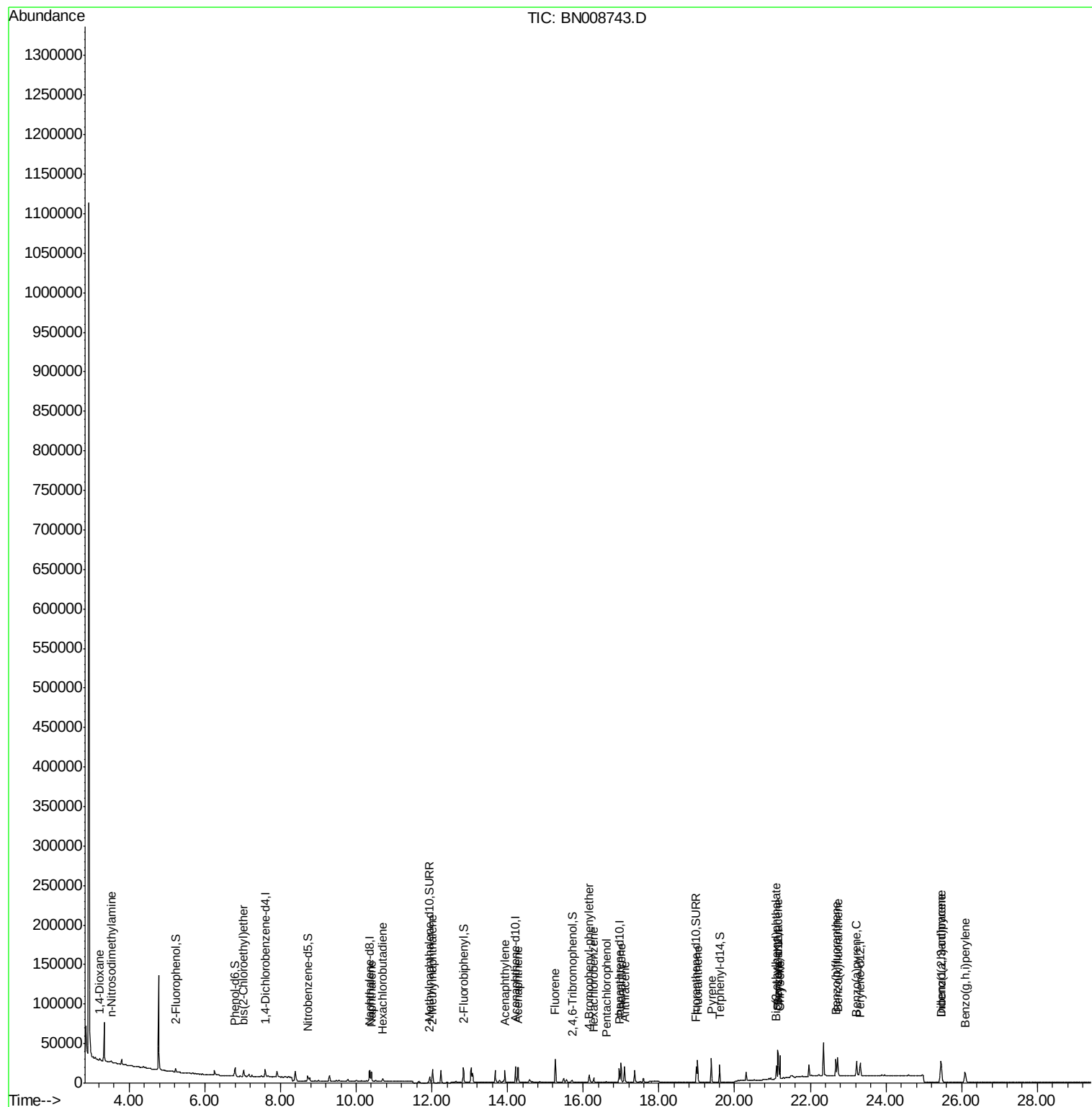
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1021	0.188	ng	# 77
3) n-Nitrosodimethylamine	3.53	42	1309	0.195	ng	# 98
6) bis(2-Chloroethyl)ether	7.03	93	5551	0.349	ng	98
9) Naphthalene	10.39	128	17178	0.348	ng	99
10) Hexachlorobutadiene	10.70	225	3087	0.302	ng	# 98
12) 2-Methylnaphthalene	12.02	142	11764	0.342	ng	98
16) Acenaphthylene	13.92	152	17380	0.361	ng	99
17) Acenaphthene	14.28	154	10790	0.341	ng	99
18) Fluorene	15.26	166	13801	0.340	ng	100
20) 4-Bromophenyl-phenylether	16.16	248	5312	0.394	ng	# 82
21) Hexachlorobenzene	16.27	284	4776	0.322	ng	99
22) Pentachlorophenol	16.61	266	466	0.088	ng	96
23) Phenanthrene	17.00	178	23571	0.354	ng	99
24) Anthracene	17.09	178	20951	0.352	ng	100
26) Fluoranthene	19.02	202	26221	0.335	ng	100
28) Pyrene	19.39	202	26842	0.364	ng	99
30) Benzo(a)anthracene	21.14	228	24659	0.337	ng	98
31) Chrysene	21.20	228	24891	0.352	ng	98
32) Bis(2-ethylhexyl)phthalate	21.10	149	14970	0.315	ng	99
33) Indeno(1,2,3-cd)pyrene	25.45	276	30146	0.382	ng	100
35) Benzo(b)fluoranthene	22.68	252	25483	0.349	ng	100
36) Benzo(k)fluoranthene	22.72	252	26077	0.352	ng	99
37) Benzo(a)pyrene	23.22	252	24396	0.361	ng	98
38) Dibenzo(a,h)anthracene	25.46	278	24792	0.372	ng	99
39) Benzo(g,h,i)perylene	26.09	276	25831	0.388	ng	99

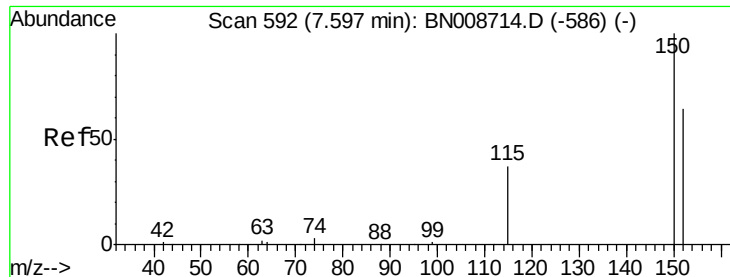
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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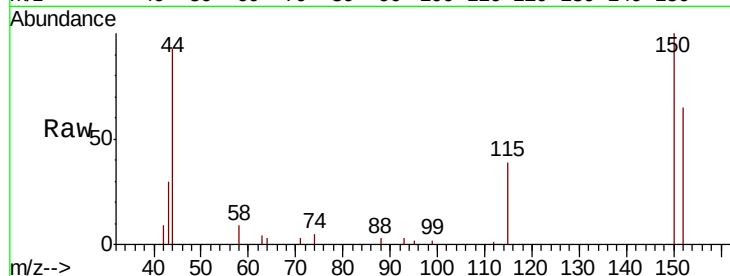


#1

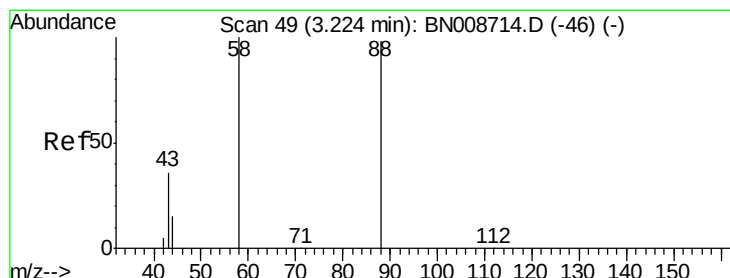
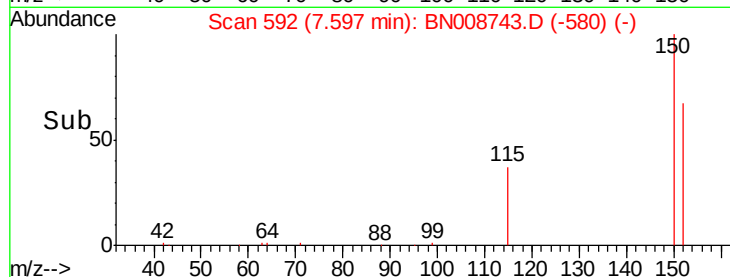
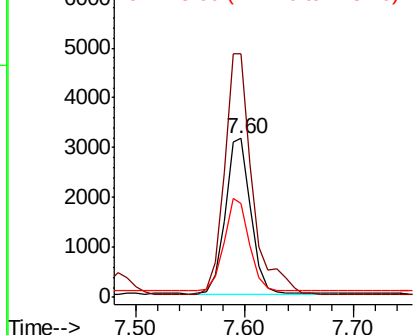
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Instrument :
BNA_N
ClientSampleId :
PB124746BSD

Tot Ion:152 Resp: 5132
Ion Ratio Lower Upper
152 100
150 153.0 124.0 186.0
115 59.1 49.8 74.8



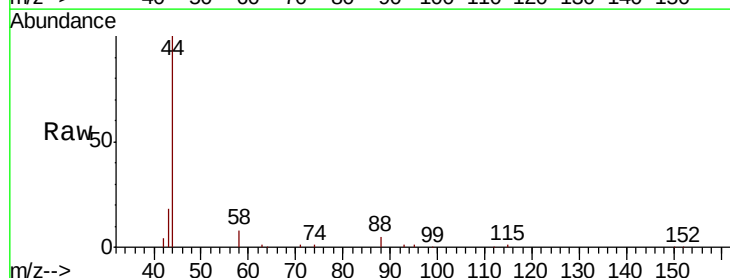
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



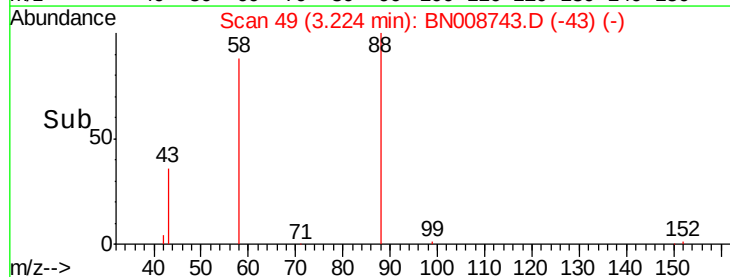
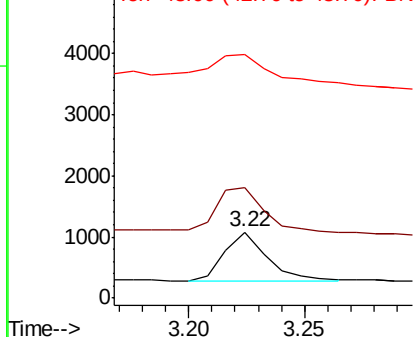
#2

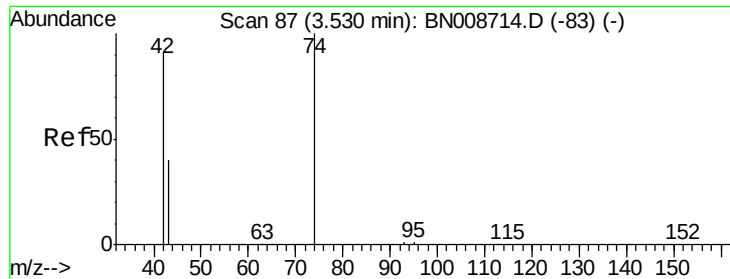
1,4-Dioxane
Concen: 0.188 ng
RT: 3.22 min Scan# 49
Delta R.T. -0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion: 88 Resp: 1021
Ion Ratio Lower Upper
88 100
58 99.2 85.7 128.5
43 76.2 29.5 44.3#



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: 0.195 ng

RT: 3.53 min Scan# 87

Delta R.T. 0.00 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_N

ClientSampleId :

PB124746BSD

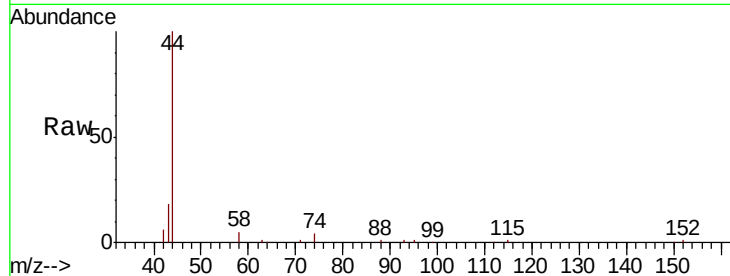
Tot Ion: 42 Resp: 1309

Ion Ratio Lower Upper

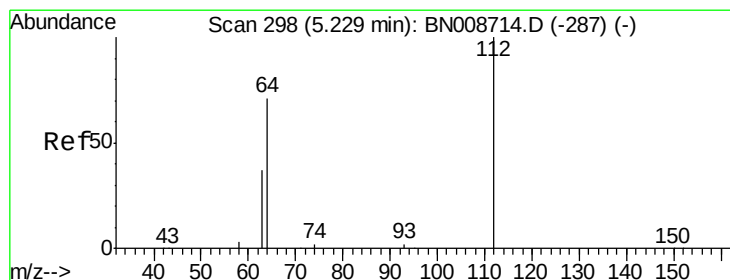
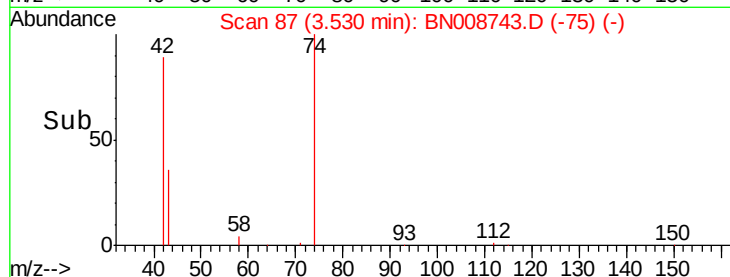
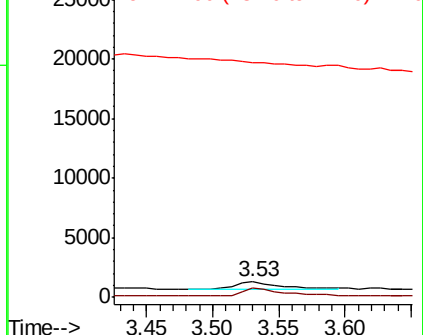
42 100

74 108.3 88.0 132.0

44 0.0 0.0 0.0



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: 0.230 ng

RT: 5.23 min Scan# 298

Delta R.T. -0.00 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

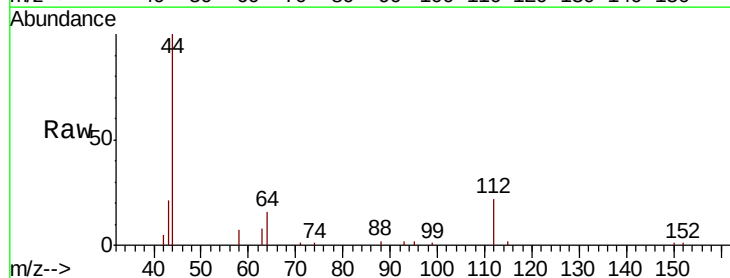
Tgt Ion: 112 Resp: 3095

Ion Ratio Lower Upper

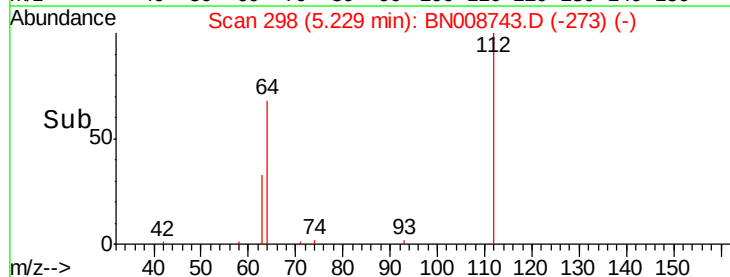
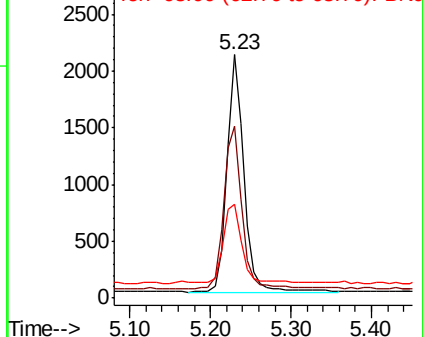
112 100

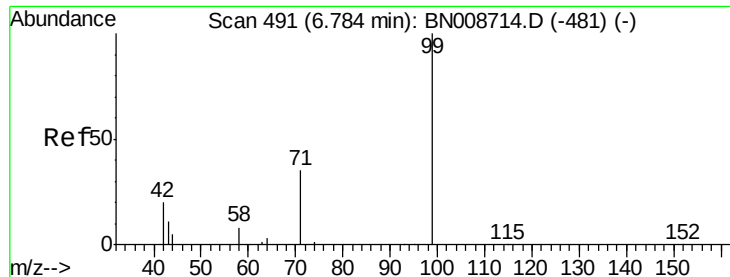
64 71.3 57.1 85.7

63 36.0 29.7 44.5



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: 0.170 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_N

ClientSampleId :

PB124746BSD

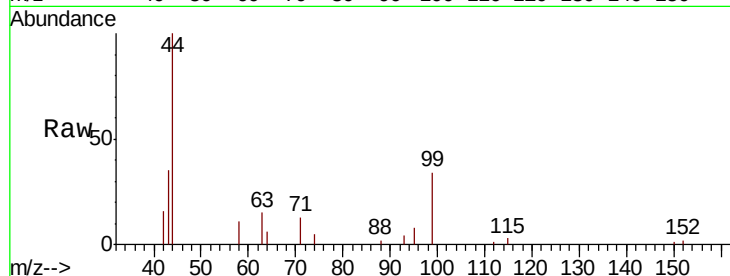
Tot Ion: 99 Resp: 2887

Ion Ratio Lower Upper

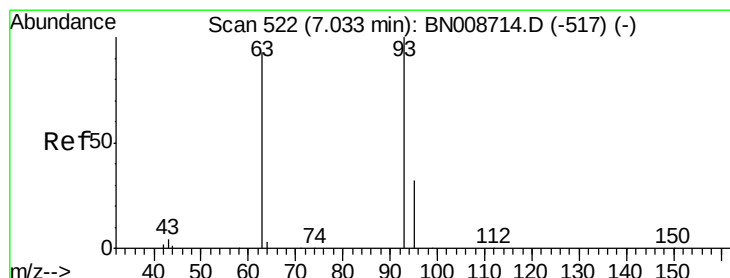
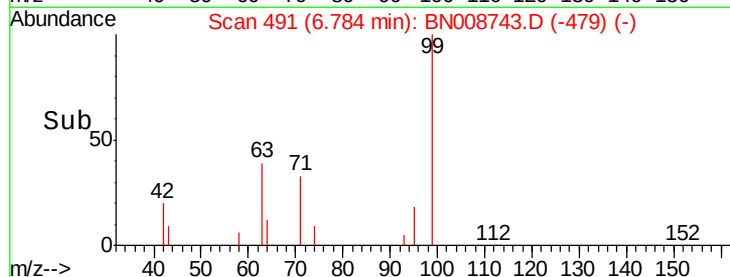
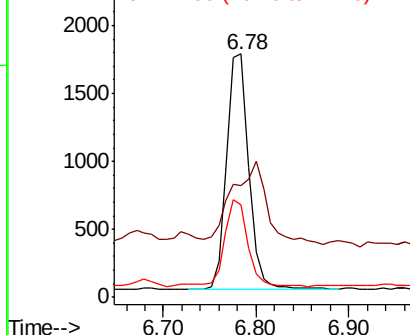
99 100

42 0.0 19.4 29.2#

71 37.2 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.349 ng

RT: 7.03 min Scan# 521

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

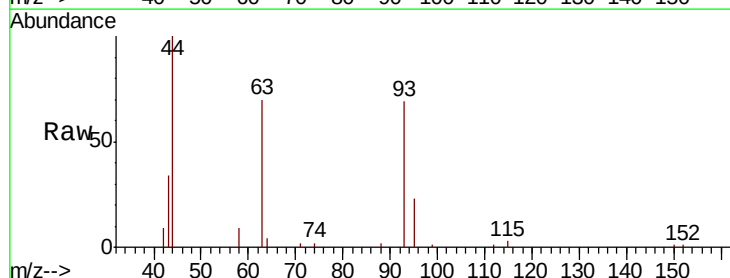
Tgt Ion: 93 Resp: 5551

Ion Ratio Lower Upper

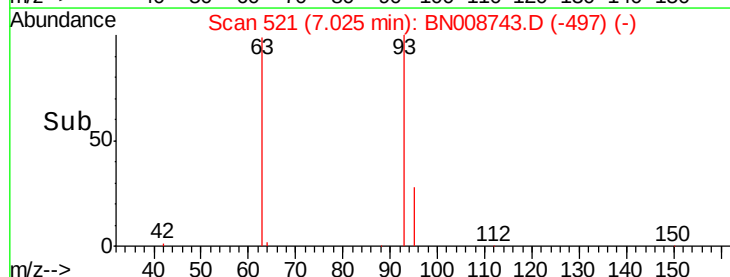
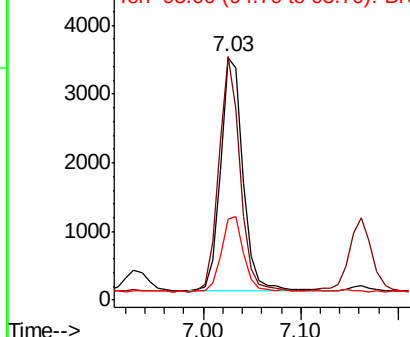
93 100

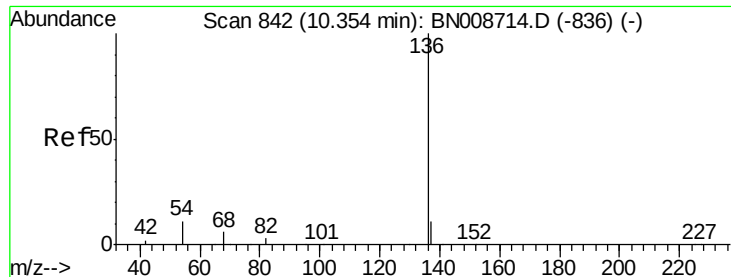
63 94.7 74.2 111.4

95 33.0 26.2 39.2



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_N

ClientSampleId :

PB124746BSD

Tot Ion:136 Resp: 18487

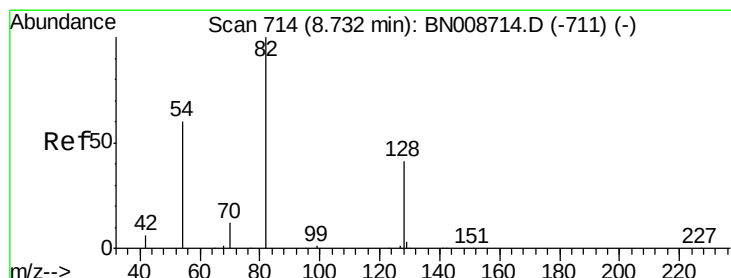
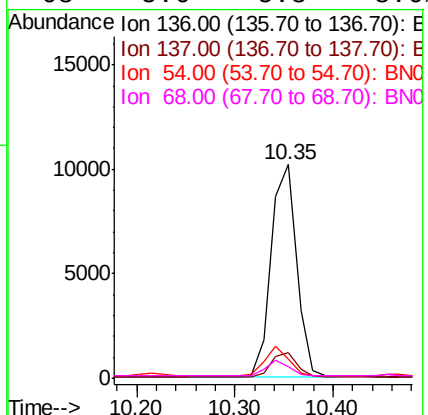
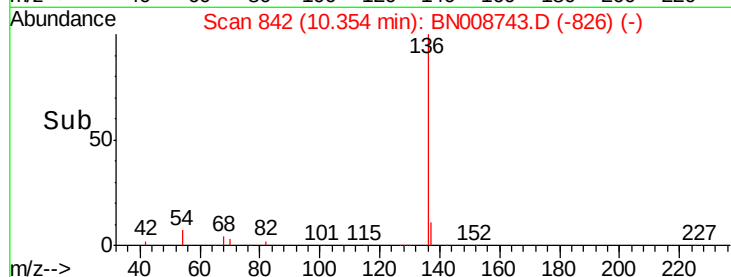
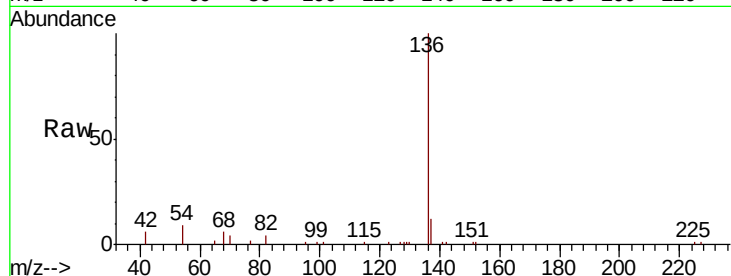
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 8.8 9.4 14.2#

68 5.6 5.8 8.6#



#8

Nitrobenzene-d5

Concen: 0.298 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

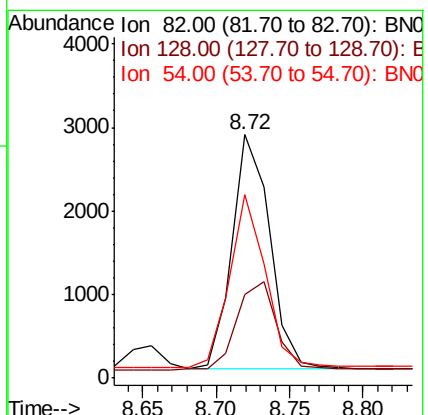
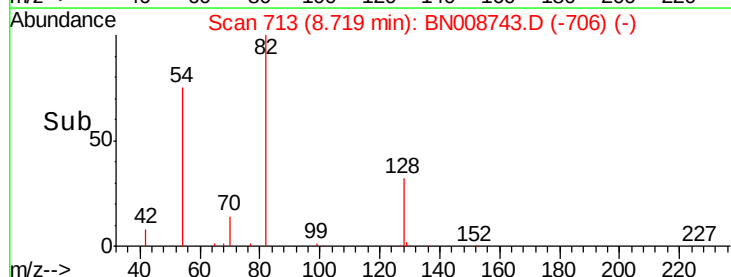
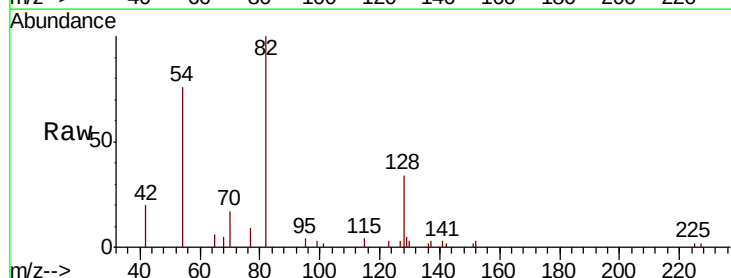
Tgt Ion: 82 Resp: 4955

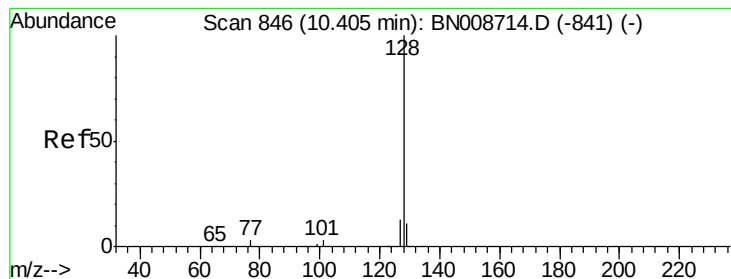
Ion Ratio Lower Upper

82 100

128 34.3 34.6 52.0#

54 75.5 50.2 75.4#





#9

Naphthalene

Concen: 0.348 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

Instrument :

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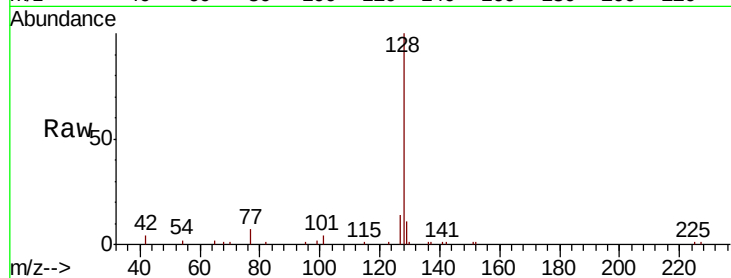
Tot Ion:128 Resp: 17178

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

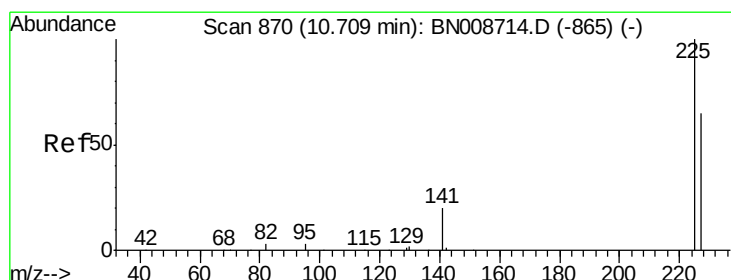
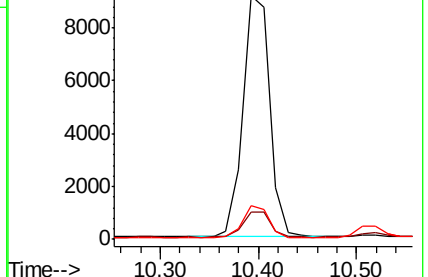
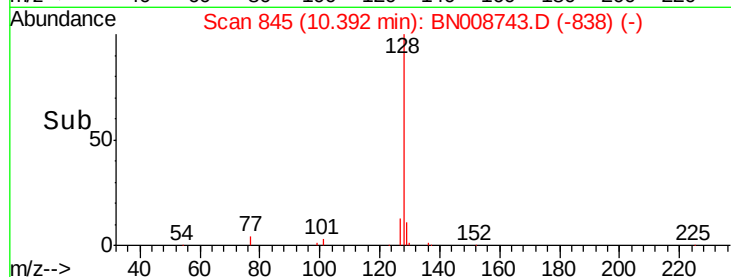
127 13.8 10.5 15.7



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: 0.302 ng

RT: 10.70 min Scan# 869

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

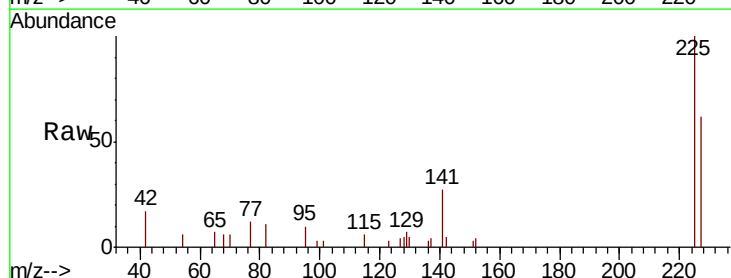
Tgt Ion:225 Resp: 3087

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

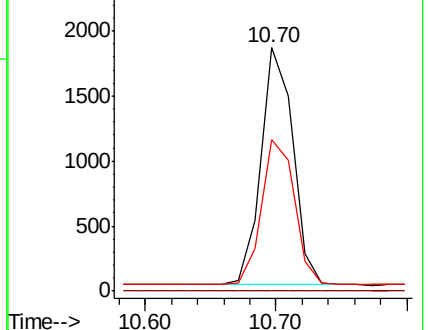
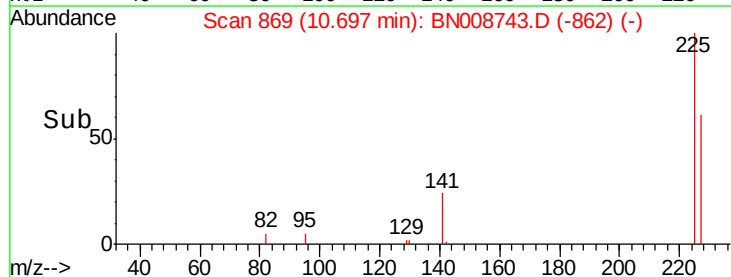
227 63.2 51.8 77.6

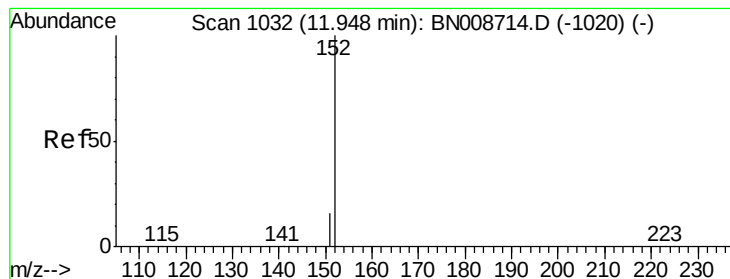


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.434 ng

RT: 11.94 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_N

ClientSampleId :

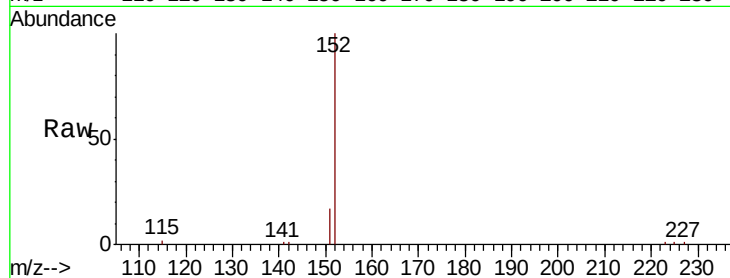
PB124746BSD

Tot Ion:152 Resp: 12678

Ion Ratio Lower Upper

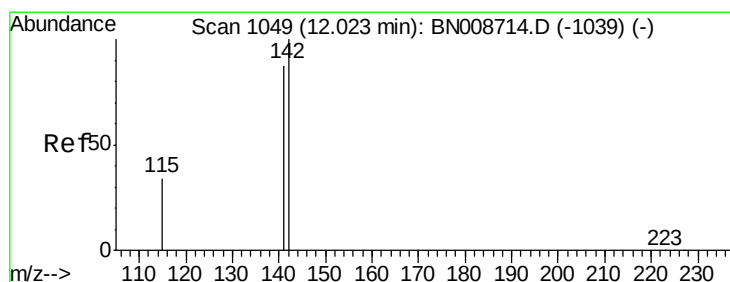
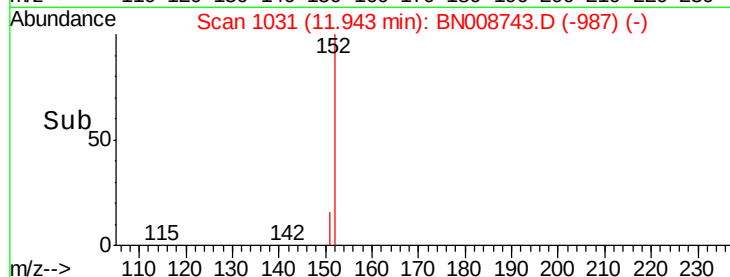
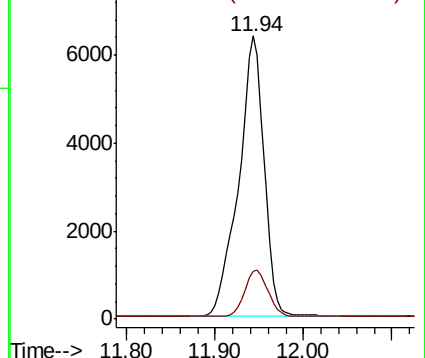
152 100

151 15.1 15.2 22.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.342 ng

RT: 12.02 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

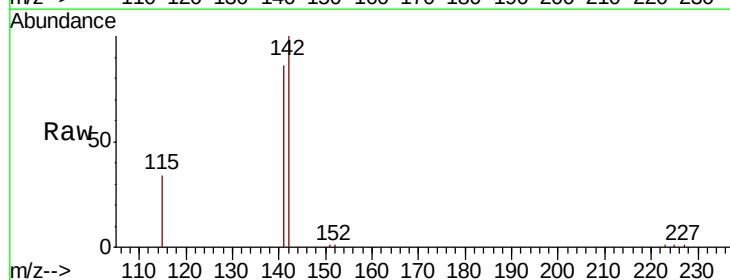
Tgt Ion:142 Resp: 11764

Ion Ratio Lower Upper

142 100

141 85.8 69.8 104.6

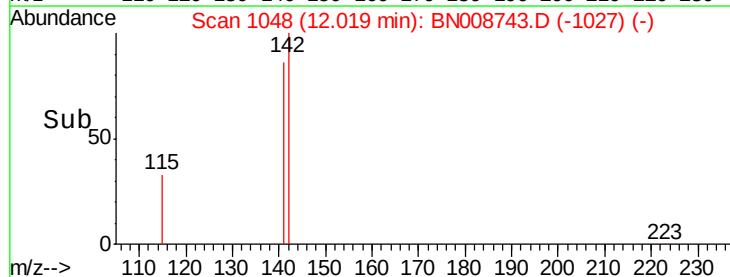
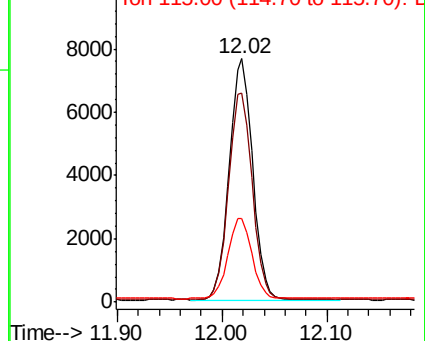
115 34.2 28.4 42.6

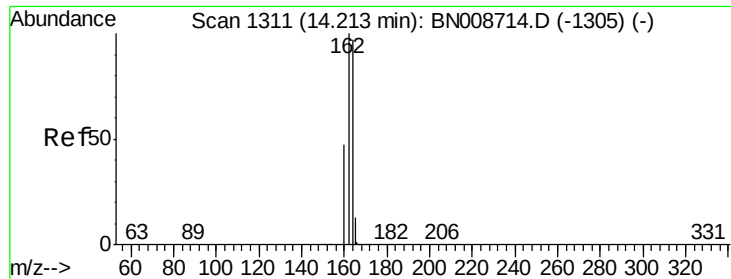


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

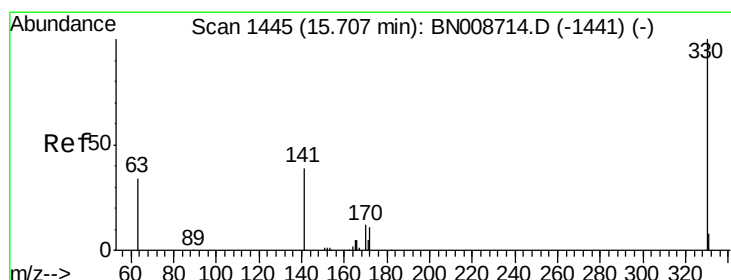
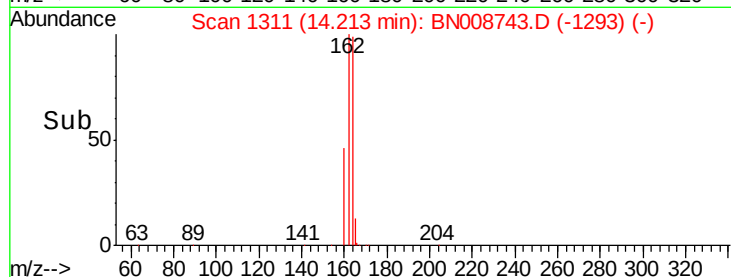
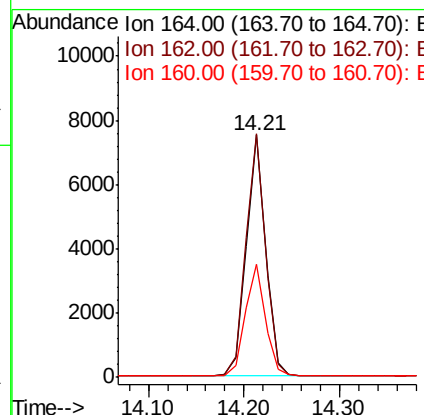
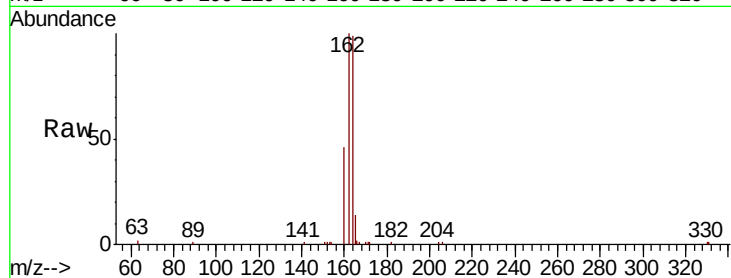




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

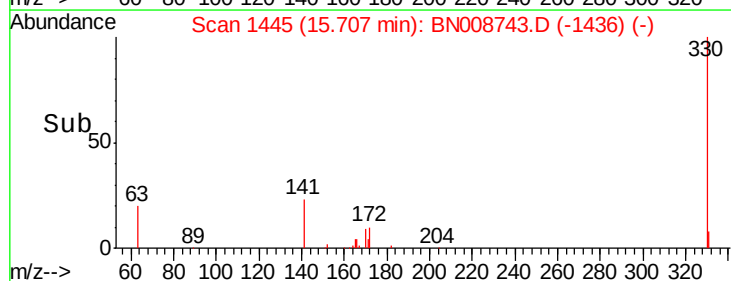
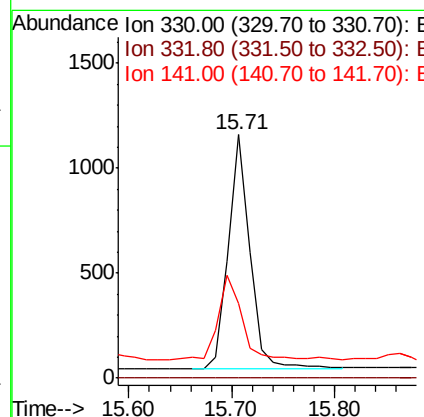
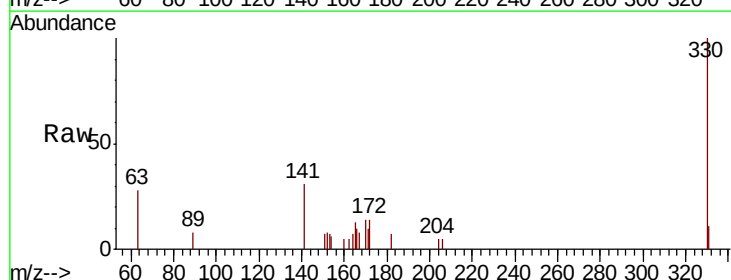
Instrument :
BNA_N
ClientSampleId :
PB124746BSD

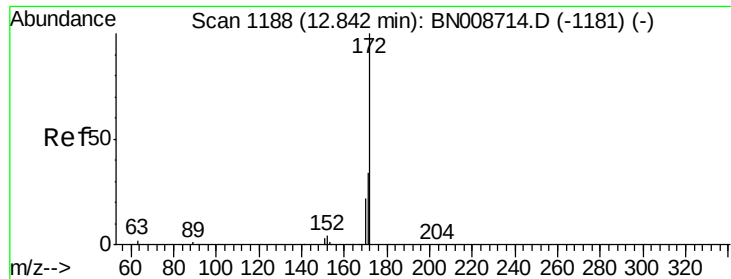
Tot Ion:164 Resp: 10459
Ion Ratio Lower Upper
164 100
162 100.6 82.2 123.4
160 46.8 38.7 58.1



#14
2,4,6-Tribromophenol
Concen: 0.332 ng
RT: 15.71 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:330 Resp: 1616
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.0 29.5 44.3

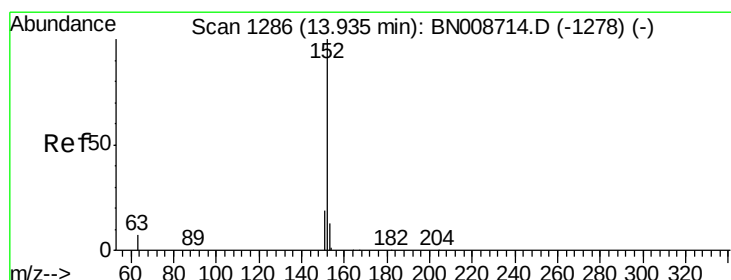
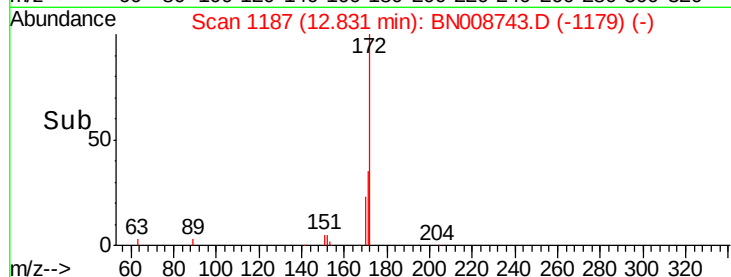
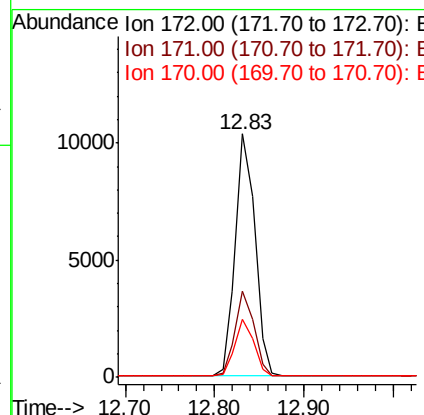
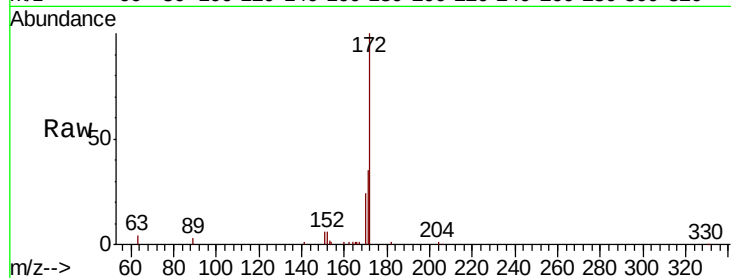




#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 12.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

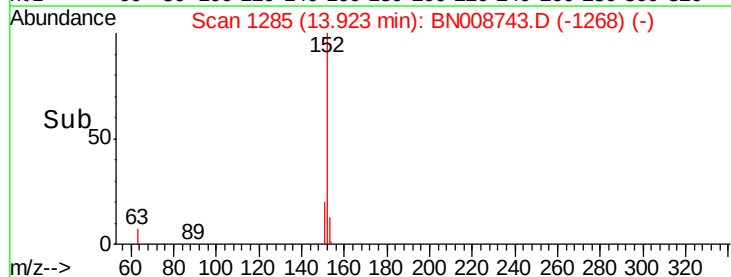
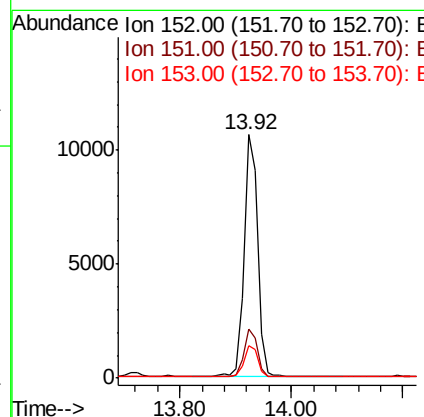
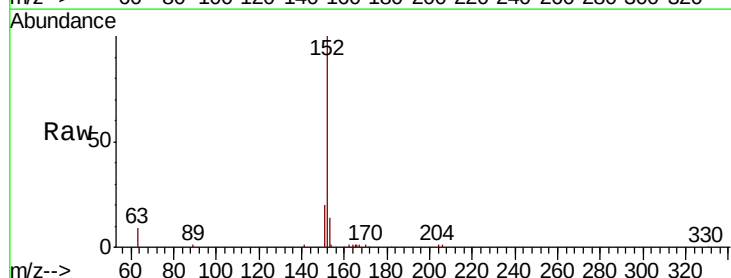
Instrument :
BNA_N
ClientSampleId :
PB124746BSD

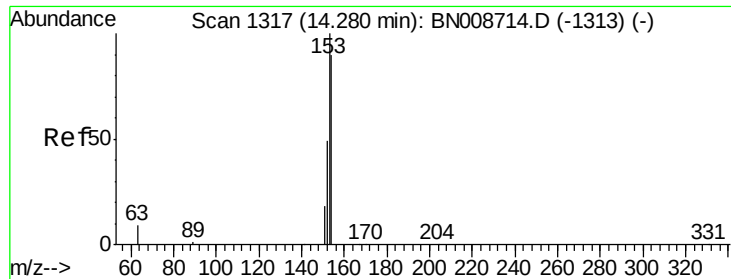
Tot Ion:172 Resp: 15929
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 23.9 17.8 26.6



#16
Acenaphthylene
Concen: 0.361 ng
RT: 13.92 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:152 Resp: 17380
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.4 10.3 15.5

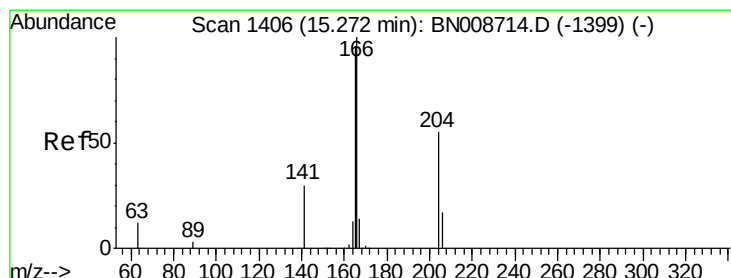
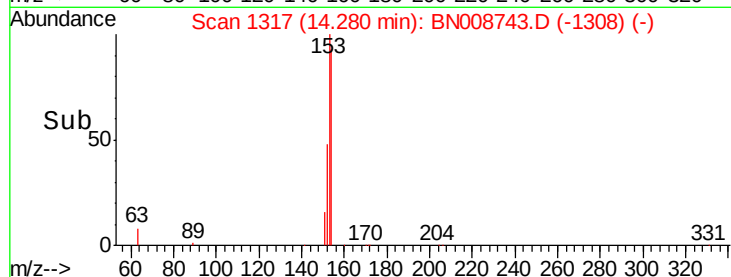
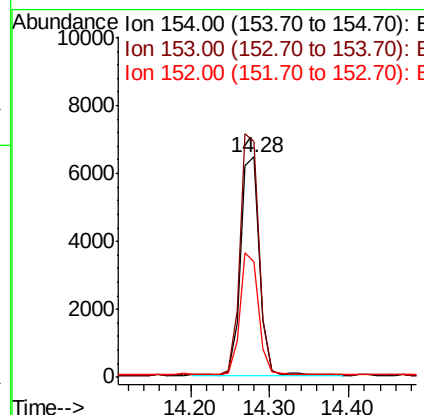
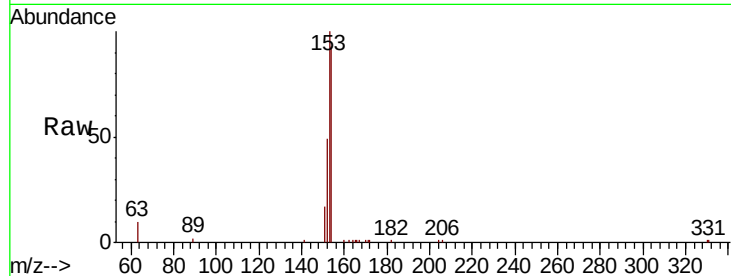




#17
Acenaphthene
Concen: 0.341 ng
RT: 14.28 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

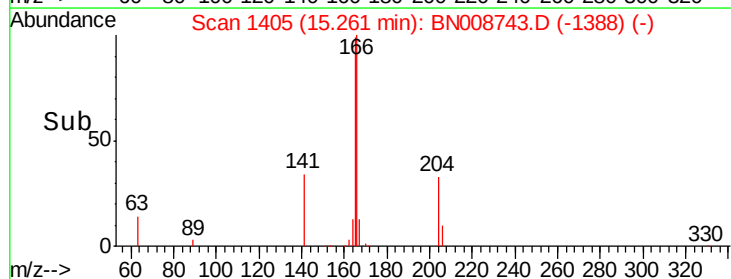
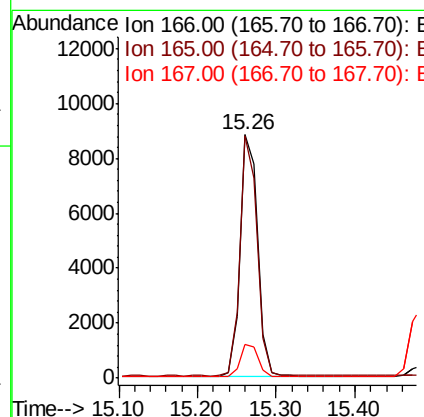
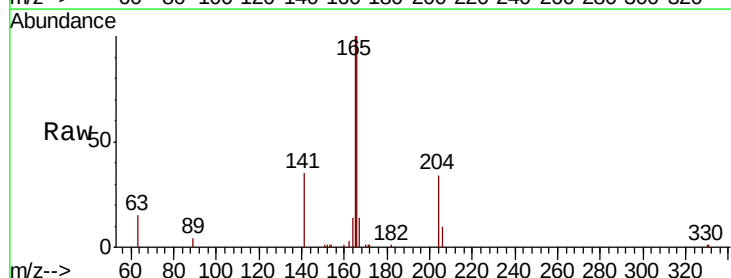
Instrument :
BNA_N
ClientSampleId :
PB124746BSD

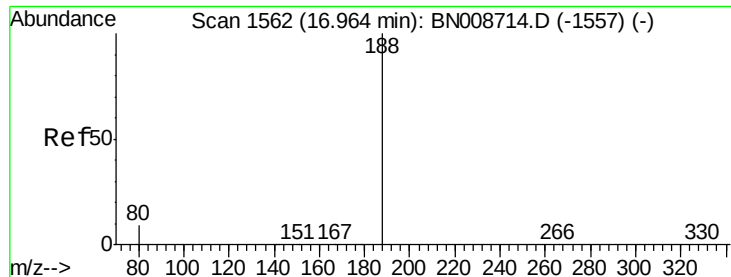
Tot Ion:154 Resp: 10790
Ion Ratio Lower Upper
154 100
153 110.9 89.6 134.4
152 55.2 44.7 67.1



#18
Fluorene
Concen: 0.340 ng
RT: 15.26 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:166 Resp: 13801
Ion Ratio Lower Upper
166 100
165 97.2 77.7 116.5
167 13.6 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_N

ClientSampleId :

PB124746BSD

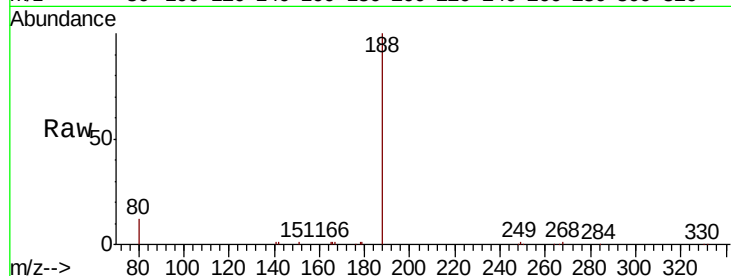
Tot Ion:188 Resp: 21585

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

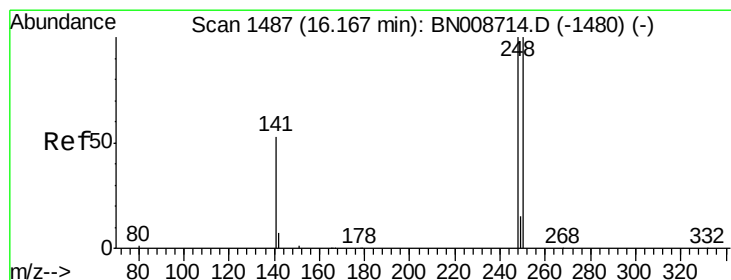
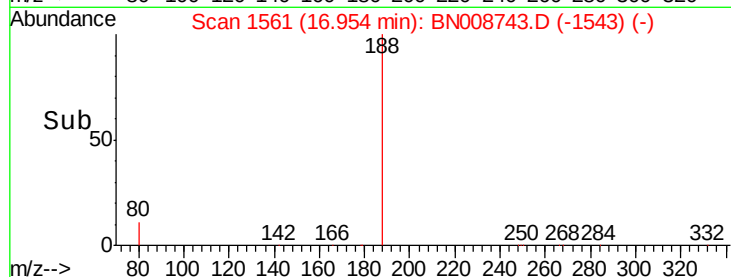
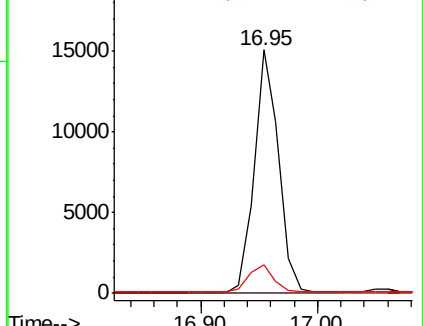
80 12.0 7.4 11.0#



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: 0.394 ng

RT: 16.16 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

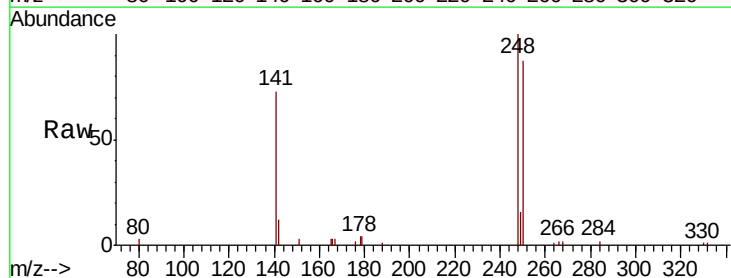
Tgt Ion:248 Resp: 5312

Ion Ratio Lower Upper

248 100

250 86.9 80.5 120.7

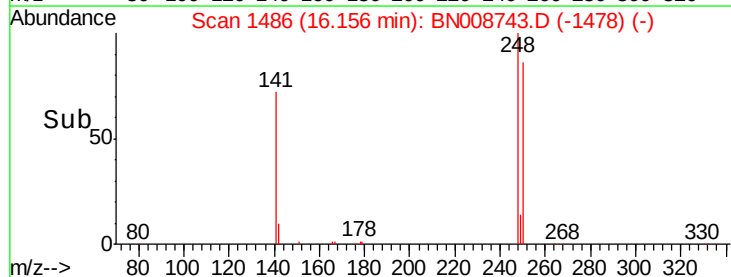
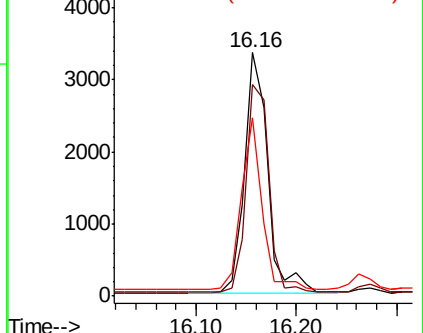
141 73.4 43.8 65.6#

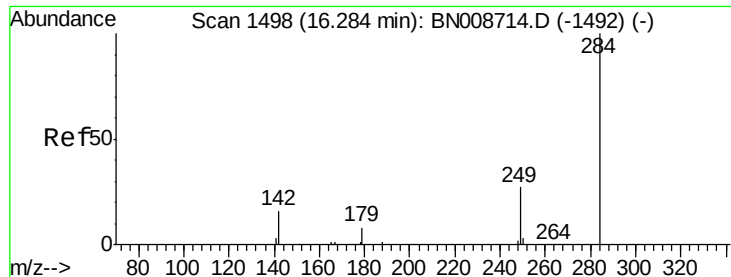


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.322 ng

RT: 16.27 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_N

ClientSampleId :

PB124746BSD

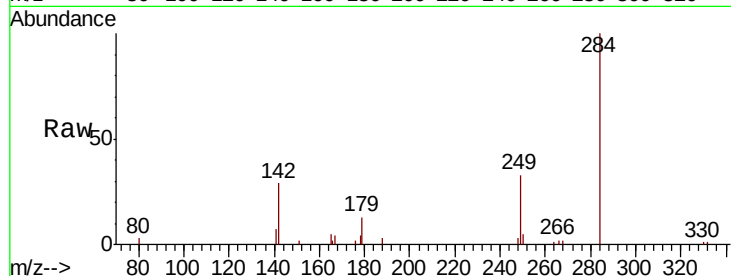
Tot Ion:284 Resp: 4776

Ion Ratio Lower Upper

284 100

142 35.7 27.4 41.0

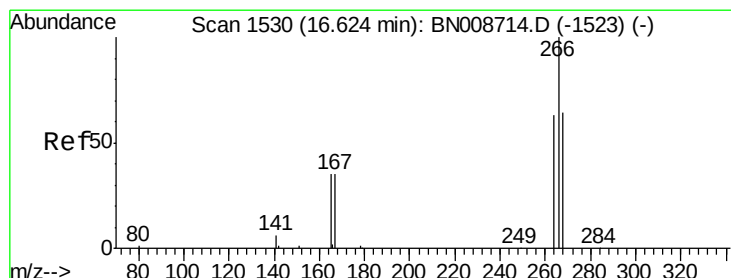
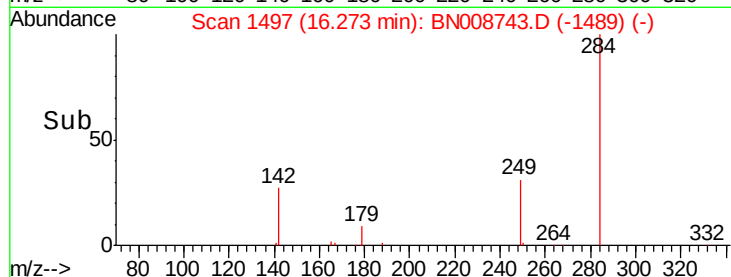
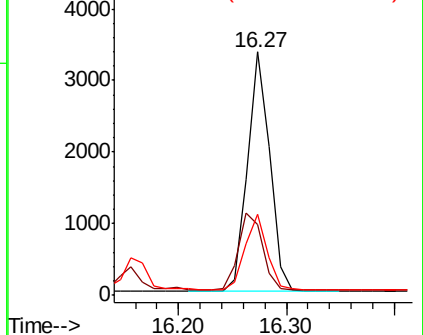
249 31.5 25.4 38.0



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: 0.088 ng

RT: 16.61 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

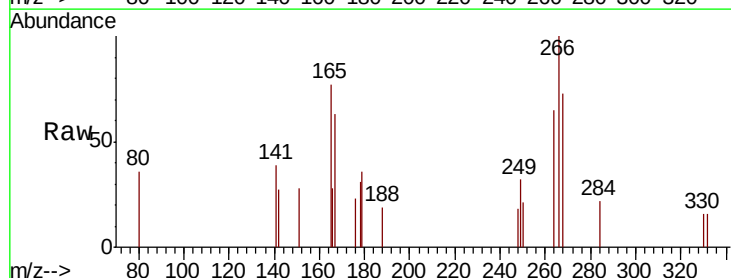
Tgt Ion:266 Resp: 466

Ion Ratio Lower Upper

266 100

264 64.8 51.0 76.4

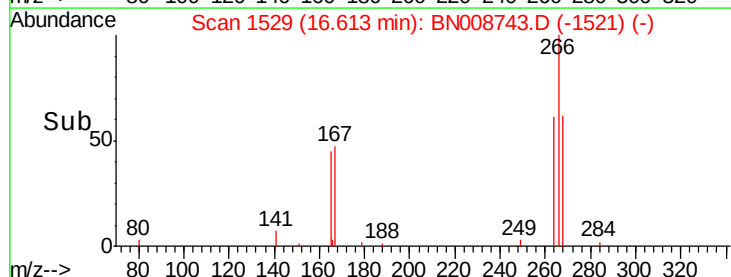
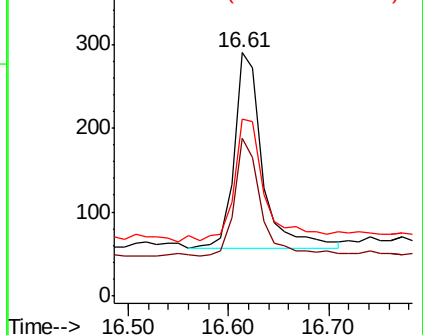
268 72.8 54.1 81.1

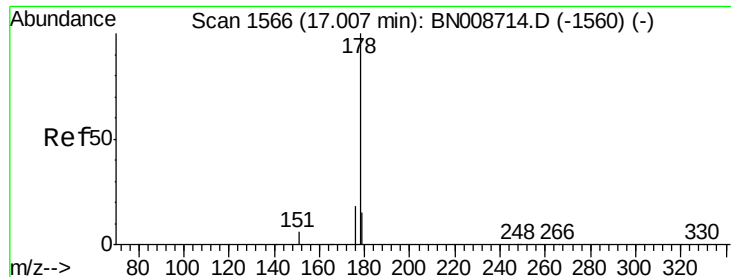


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.354 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_N

ClientSampleId :

PB124746BSD

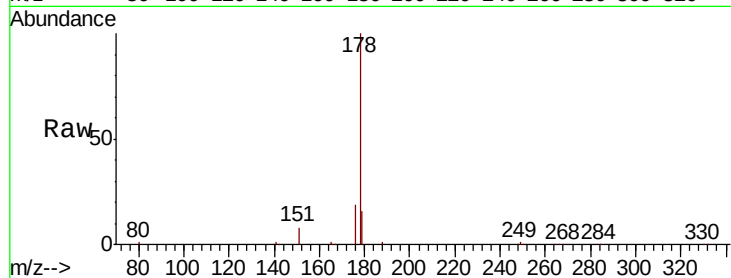
Tot Ion:178 Resp: 23571

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

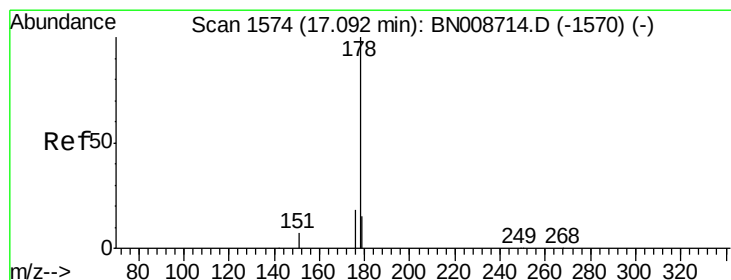
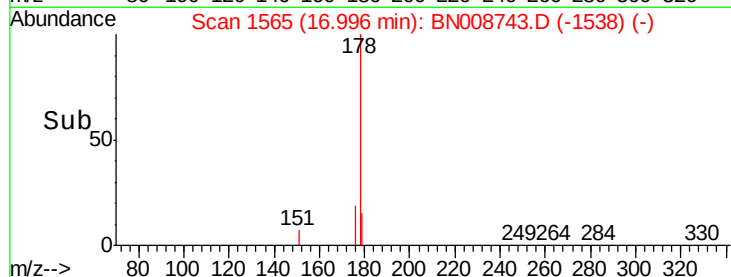
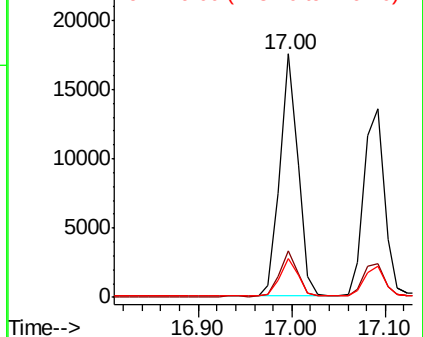
179 15.6 12.3 18.5



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: 0.352 ng

RT: 17.09 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

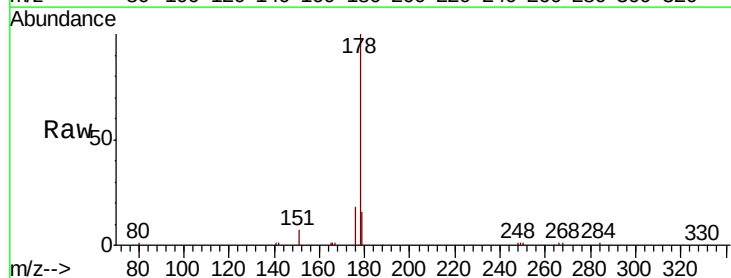
Tgt Ion:178 Resp: 20951

Ion Ratio Lower Upper

178 100

176 18.0 14.4 21.6

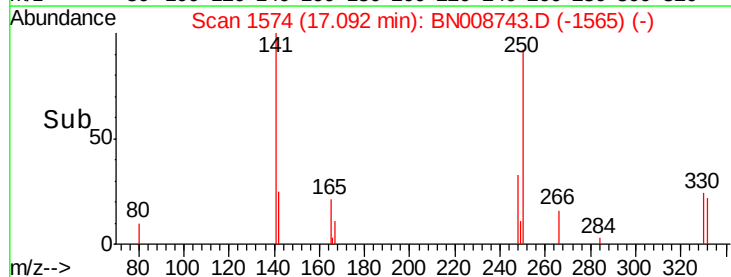
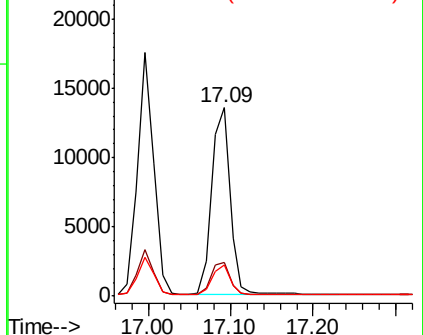
179 15.3 12.0 18.0

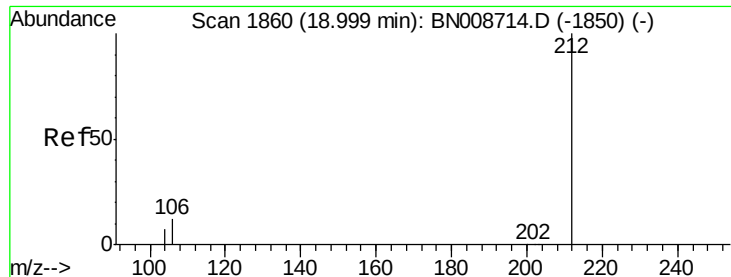


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 18.99 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_N

ClientSampleId :

PB124746BSD

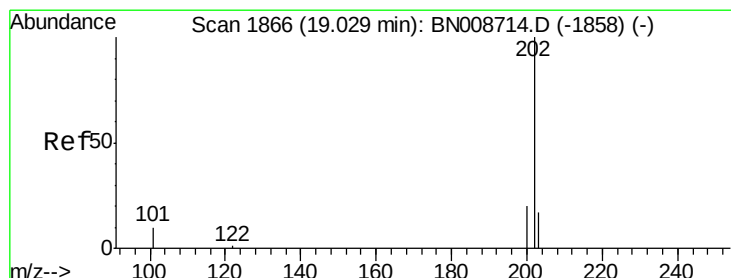
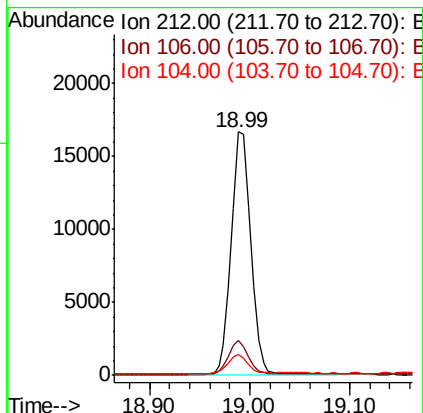
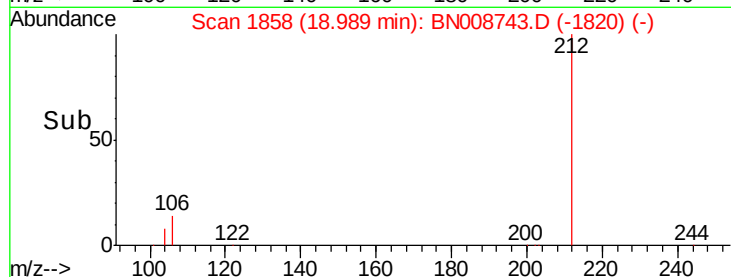
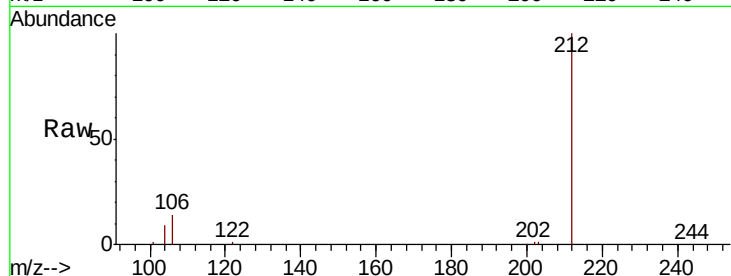
Tot Ion:212 Resp: 22192

Ion Ratio Lower Upper

212 100

106 13.5 10.6 15.8

104 7.6 6.0 9.0



#26

Fluoranthene

Concen: 0.335 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

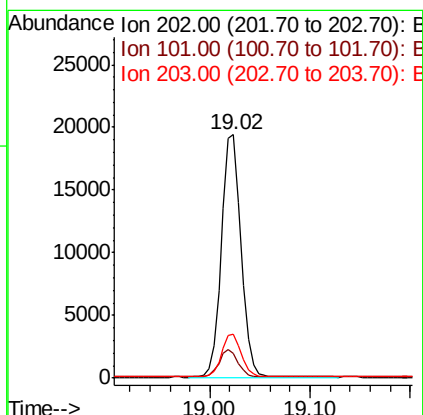
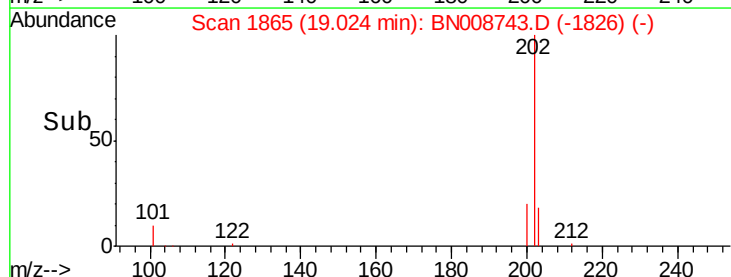
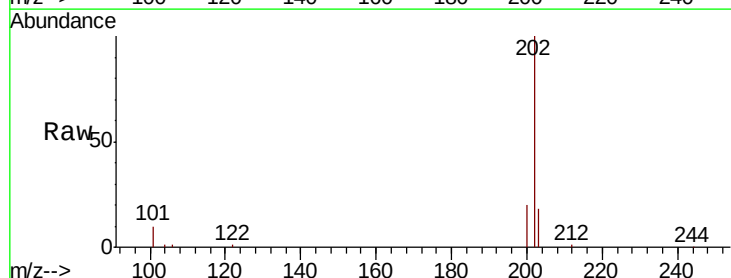
Tgt Ion:202 Resp: 26221

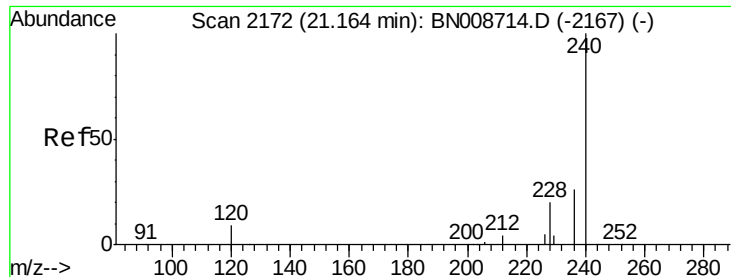
Ion Ratio Lower Upper

202 100

101 11.3 9.0 13.4

203 17.4 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_N

ClientSampleId :

PB124746BSD

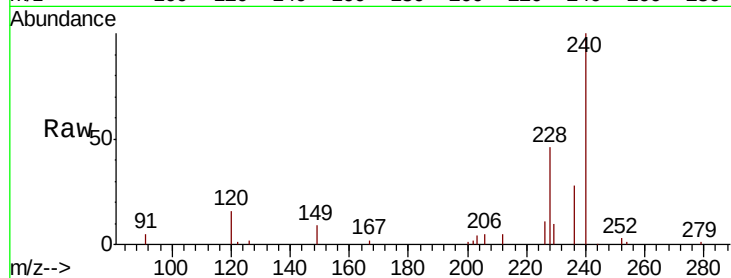
Tot Ion:240 Resp: 19970

Ion Ratio Lower Upper

240 100

120 16.2 9.0 13.4#

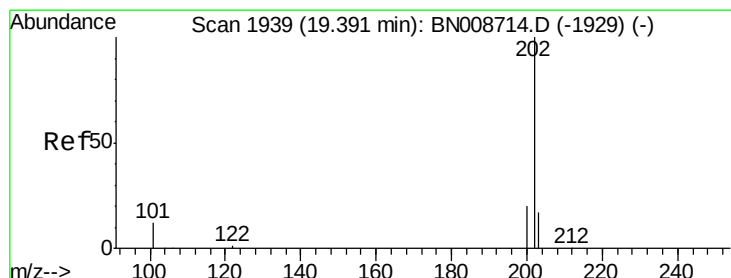
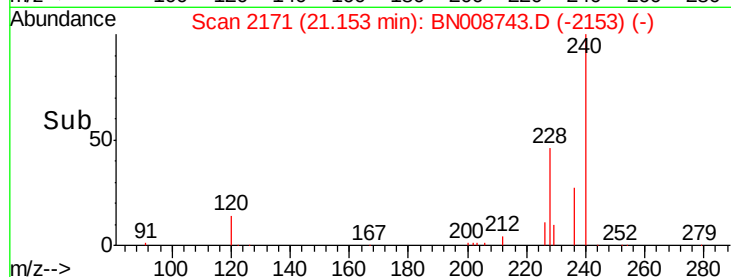
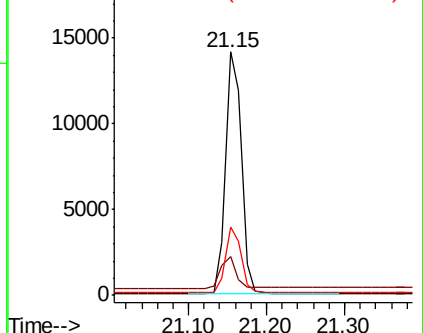
236 27.9 21.8 32.6



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: 0.364 ng

RT: 19.39 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

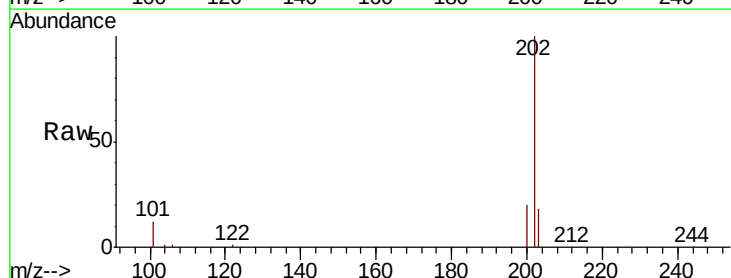
Tgt Ion:202 Resp: 26842

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

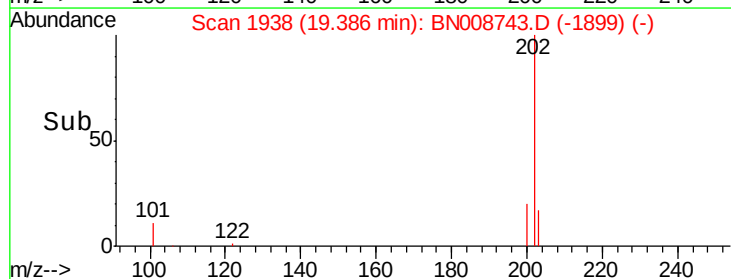
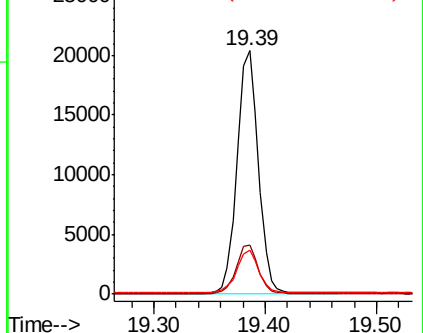
203 18.3 14.0 21.0

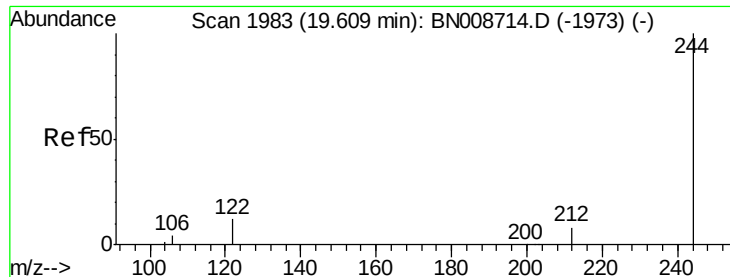


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.458 ng

RT: 19.60 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_N

ClientSampleId :

PB124746BSD

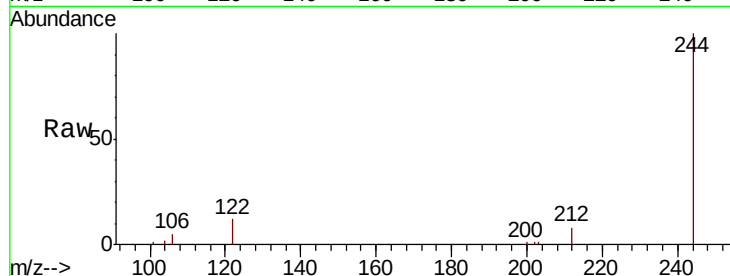
Tot Ion:244 Resp: 22016

Ion Ratio Lower Upper

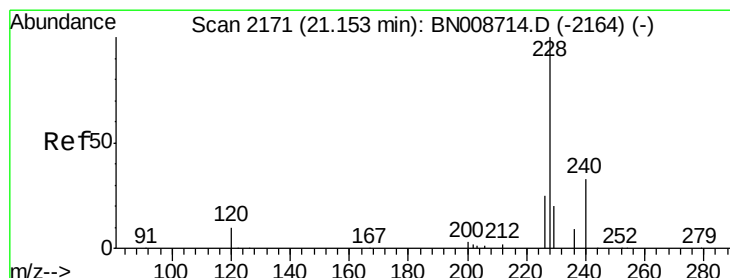
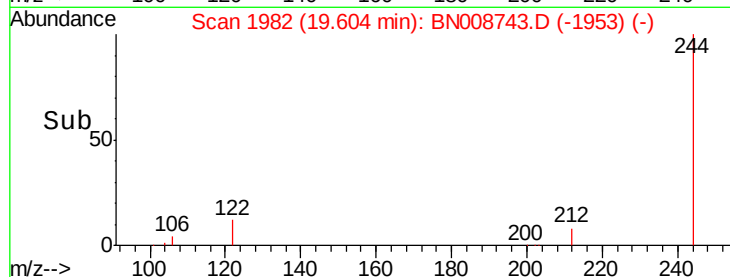
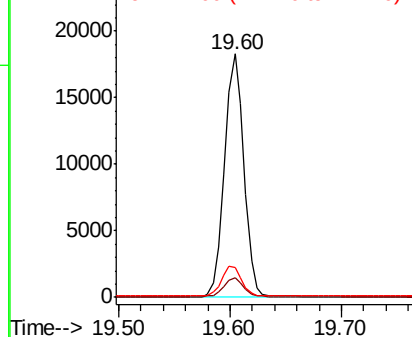
244 100

212 7.9 6.6 9.8

122 12.5 10.1 15.1



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: 0.337 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

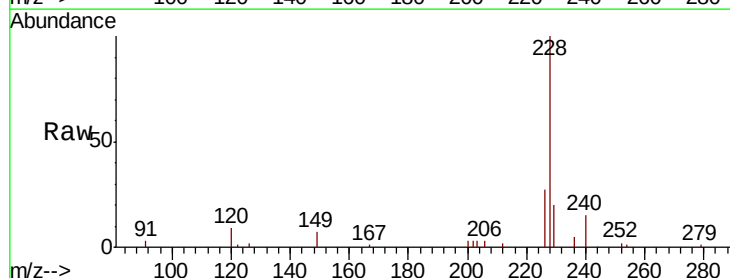
Tgt Ion:228 Resp: 24659

Ion Ratio Lower Upper

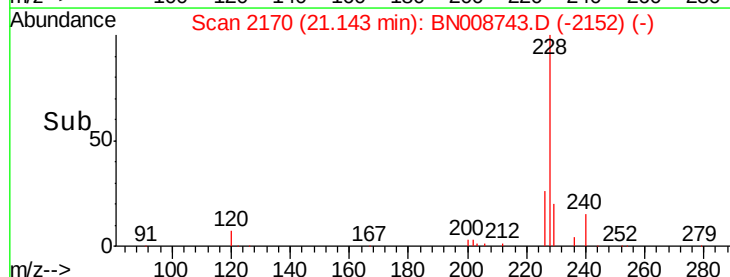
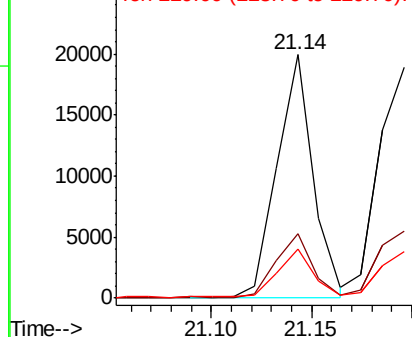
228 100

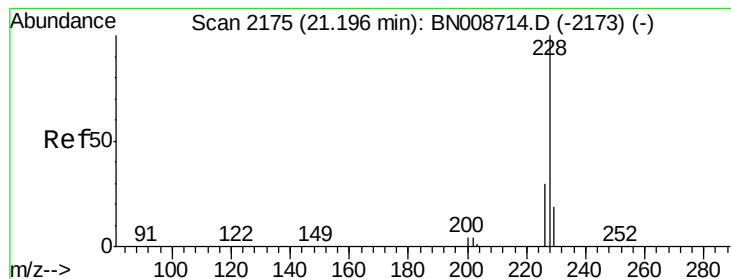
226 26.6 20.3 30.5

229 20.1 16.2 24.4



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





#31

Chrysene

Concen: 0.352 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_N

ClientSampleId :

PB124746BSD

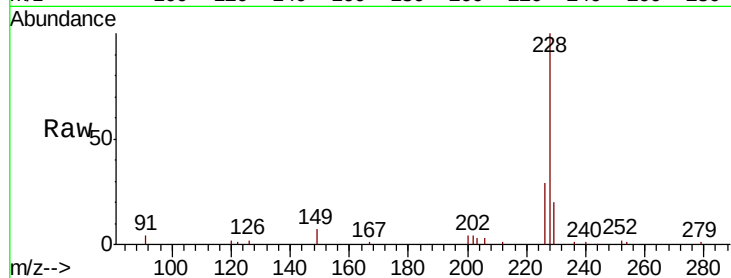
Tot Ion:228 Resp: 24891

Ion Ratio Lower Upper

228 100

226 28.9 23.8 35.8

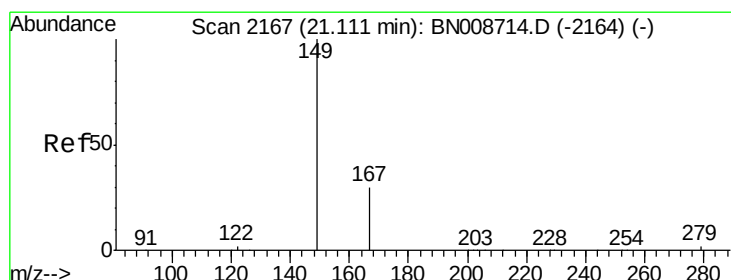
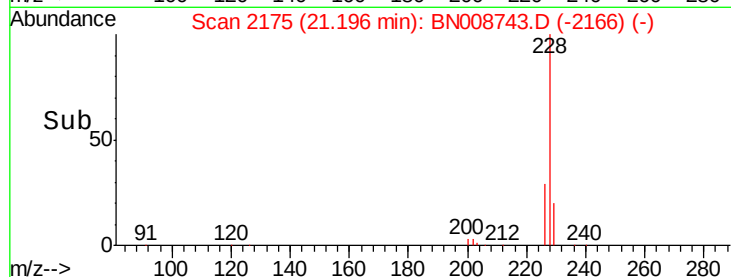
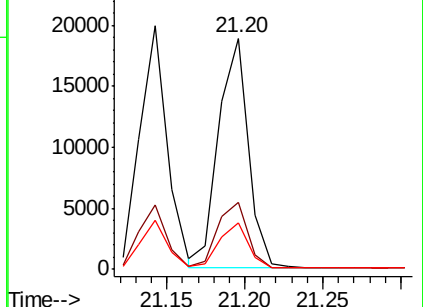
229 20.2 15.4 23.0



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: 0.315 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

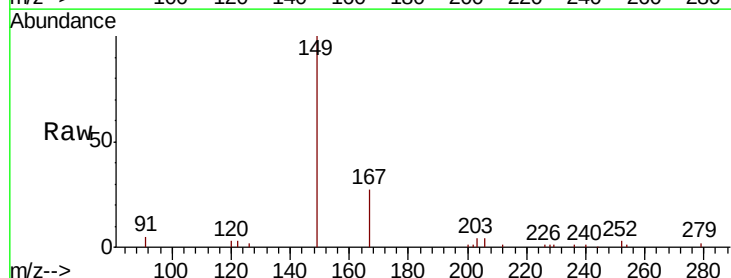
Tgt Ion:149 Resp: 14970

Ion Ratio Lower Upper

149 100

167 28.6 23.5 35.3

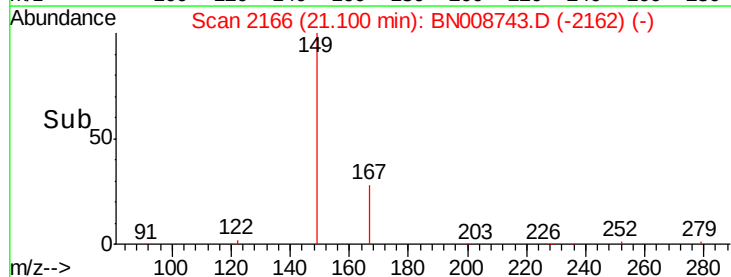
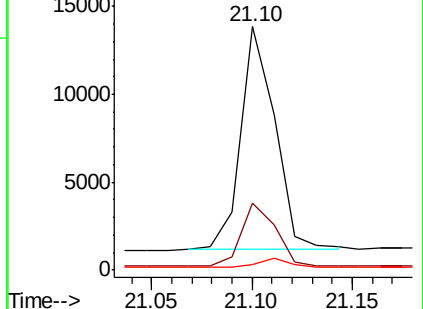
279 3.9 3.4 5.0

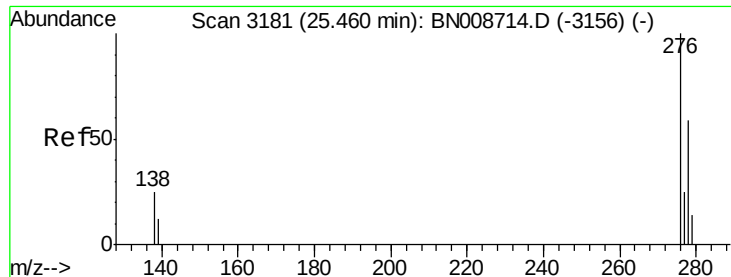


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.382 ng

RT: 25.45 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_N

ClientSampleId :

PB124746BSD

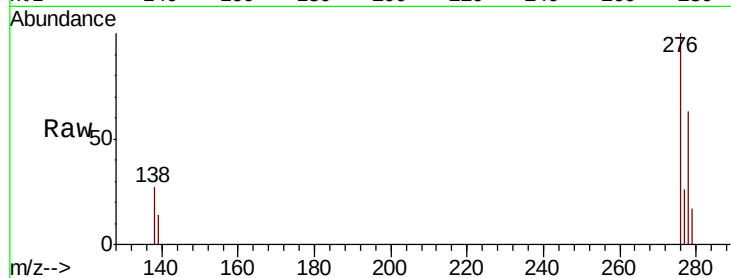
Tot Ion:276 Resp: 30146

Ion Ratio Lower Upper

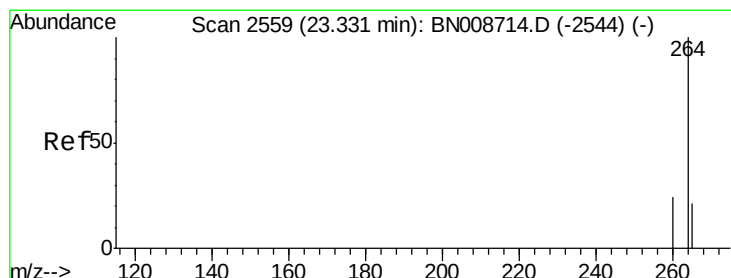
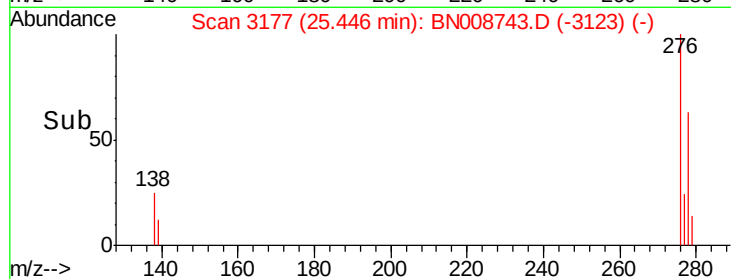
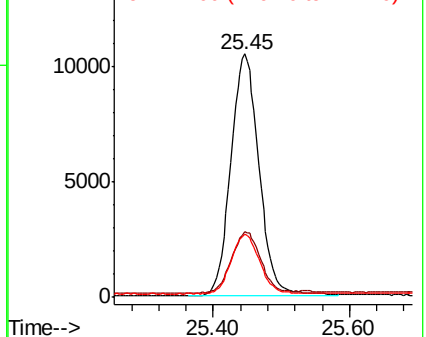
276 100

138 26.3 21.0 31.6

277 24.8 19.9 29.9



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: 23.32 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

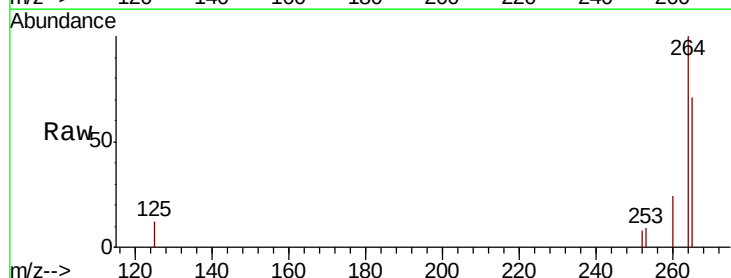
Tgt Ion:264 Resp: 21112

Ion Ratio Lower Upper

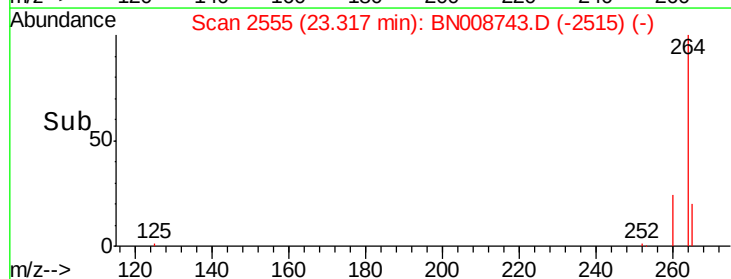
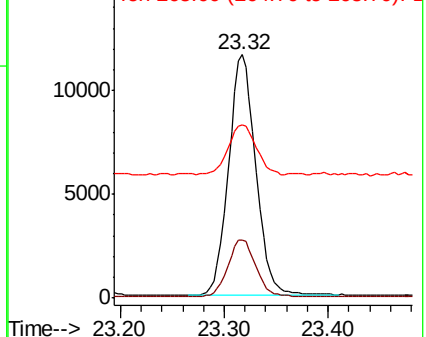
264 100

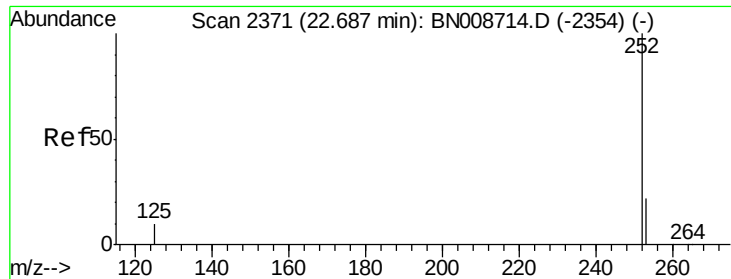
260 24.1 19.6 29.4

265 71.3 61.8 92.6



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

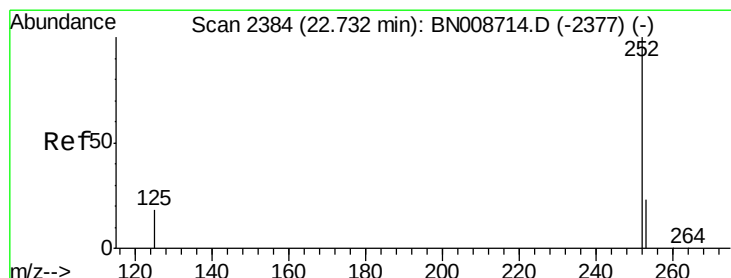
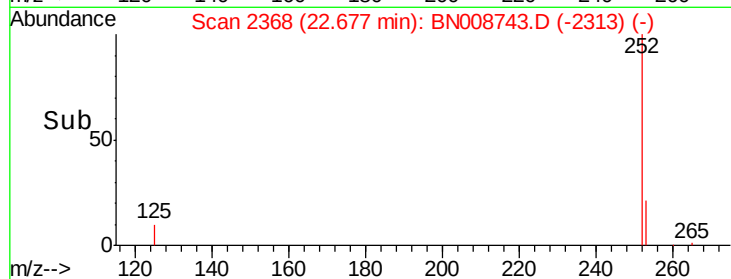
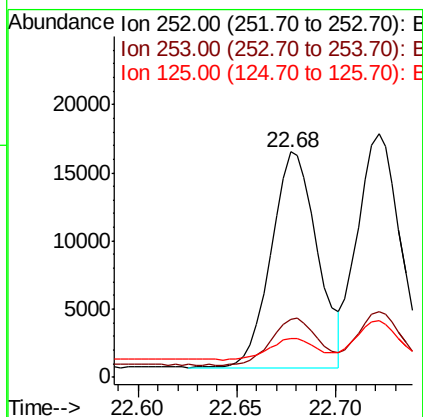
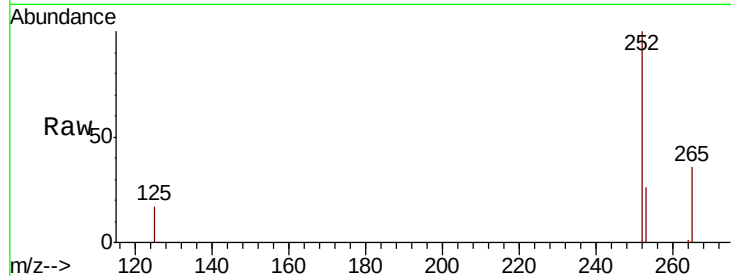




#35
Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 22.68 min Scan# 2368
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

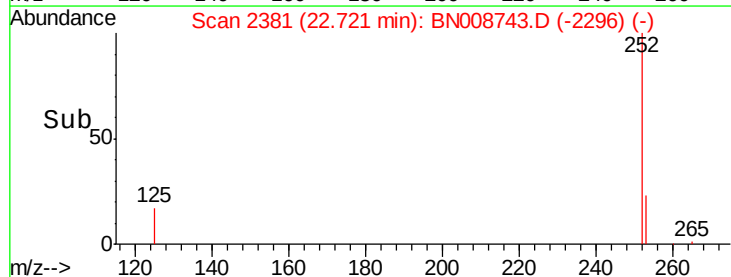
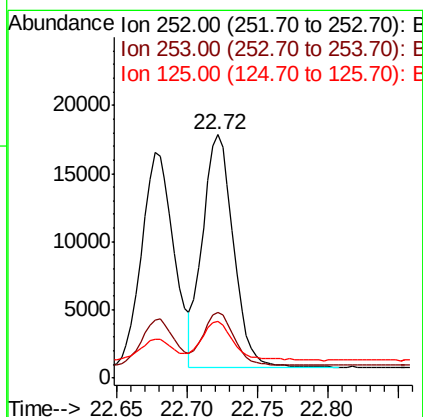
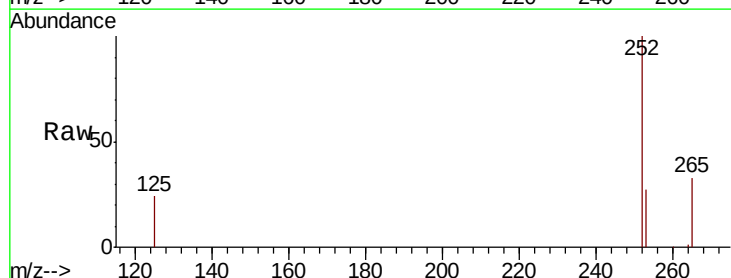
Instrument :
BNA_N
ClientSampleId :
PB124746BSD

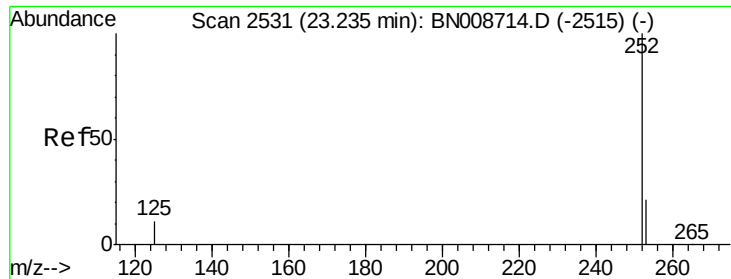
Tot Ion:252 Resp: 25483
Ion Ratio Lower Upper
252 100
253 26.0 20.8 31.2
125 17.3 13.5 20.3



#36
Benzo(k)fluoranthene
Concen: 0.352 ng
RT: 22.72 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BN008743.D
Acq: 25 Nov 2019 18:52

Tgt Ion:252 Resp: 26077
Ion Ratio Lower Upper
252 100
253 27.0 21.8 32.6
125 23.5 18.2 27.4





#37

Benzo(a)pyrene

Concen: 0.361 ng

RT: 23.22 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_N

ClientSampleId :

PB124746BSD

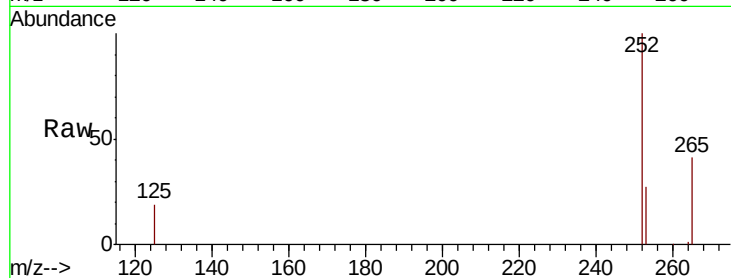
Tot Ion:252 Resp: 24396

Ion Ratio Lower Upper

252 100

253 26.9 21.9 32.9

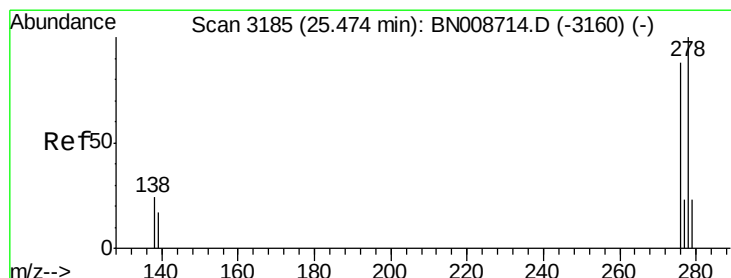
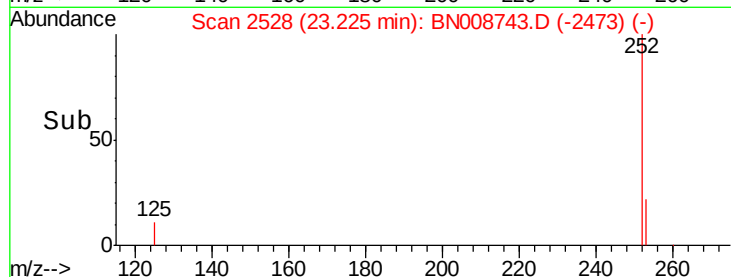
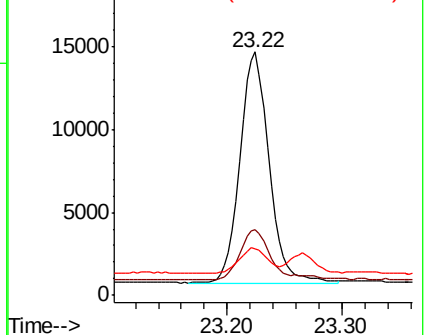
125 19.3 16.3 24.5



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: 0.372 ng

RT: 25.46 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

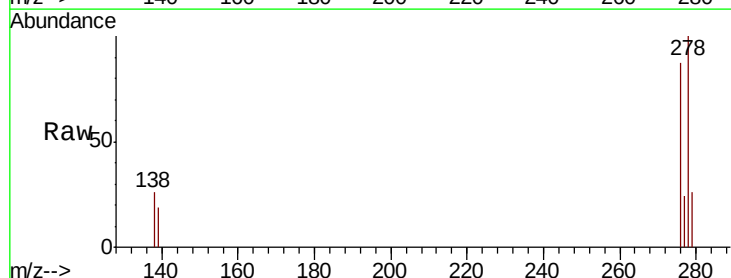
Tgt Ion:278 Resp: 24792

Ion Ratio Lower Upper

278 100

139 19.0 15.4 23.2

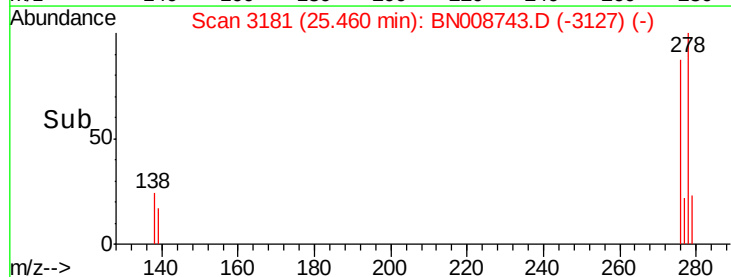
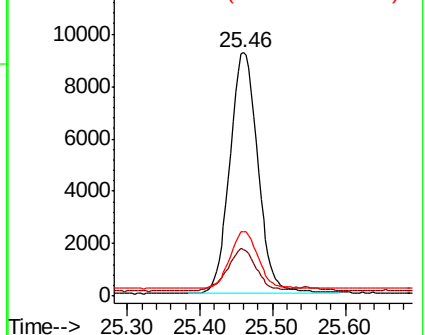
279 26.3 21.3 31.9

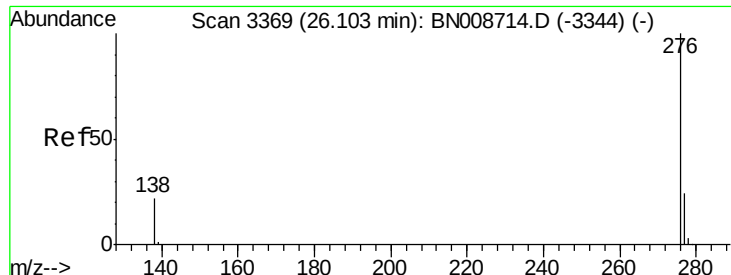


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.388 ng

RT: 26.09 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BN008743.D

Acq: 25 Nov 2019 18:52

Instrument :

BNA_N

ClientSampleId :

PB124746BSD

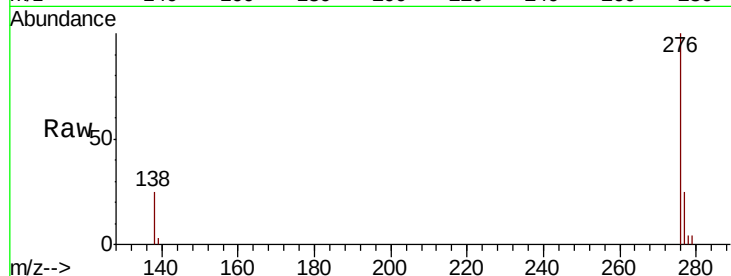
Tot Ion: 276 Resp: 25831

Ion Ratio Lower Upper

276 100

277 24.9 20.4 30.6

138 24.5 19.2 28.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

