

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112219\
 Data File : BN008721.D
 Acq On : 23 Nov 2019 00:35
 Operator : JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 25 10:58:43 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	4382	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	15930	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	9803	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	20923	0.40	ng	0.00
27) Chrysene-d12	21.16	240	21240	0.40	ng	0.00
34) Perylene-d12	23.32	264	20958	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	4549	0.40	ng	0.00
5) Phenol-d6	6.78	99	5698	0.39	ng	0.00
8) Nitrobenzene-d5	8.73	82	5660	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.95	152	10150	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1690	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	15411	0.40	ng	0.00
25) Fluoranthene-d10	19.00	212	24420	0.40	ng	0.00
29) Terphenyl-d14	19.61	244	19796	0.39	ng	0.00

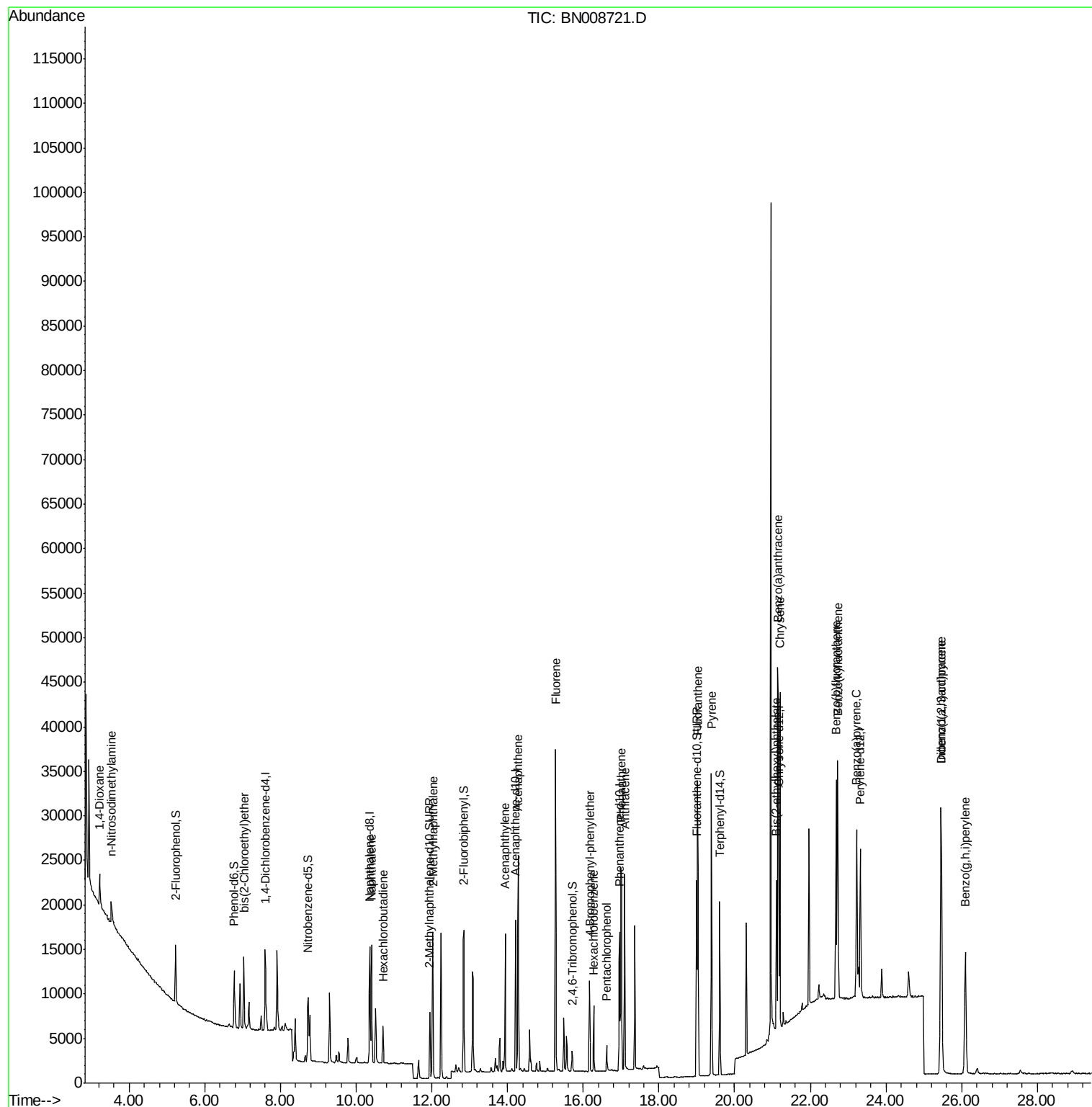
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1826	0.394	ng	98
3) n-Nitrosodimethylamine	3.53	42	2237	0.389	ng	# 97
6) bis(2-Chloroethyl)ether	7.03	93	5467	0.402	ng	99
9) Naphthalene	10.41	128	17249	0.406	ng	99
10) Hexachlorobutadiene	10.71	225	3557	0.403	ng	# 99
12) 2-Methylnaphthalene	12.02	142	11892	0.402	ng	100
16) Acenaphthylene	13.93	152	17319	0.384	ng	100
17) Acenaphthene	14.28	154	11672	0.393	ng	99
18) Fluorene	15.27	166	15112	0.397	ng	99
20) 4-Bromophenyl-phenylether	16.17	248	5179	0.396	ng	97
21) Hexachlorobenzene	16.28	284	5773	0.402	ng	100
22) Pentachlorophenol	16.62	266	1658	0.322	ng	98
23) Phenanthrene	17.00	178	25526	0.396	ng	100
24) Anthracene	17.09	178	22323	0.387	ng	100
26) Fluoranthene	19.02	202	29908	0.395	ng	100
28) Pyrene	19.39	202	30032	0.383	ng	100
30) Benzo(a)anthracene	21.14	228	29650	0.381	ng	98
31) Chrysene	21.20	228	29797	0.396	ng	98
32) Bis(2-ethylhexyl)phthalate	21.10	149	17806	0.353	ng	100
33) Indeno(1,2,3-cd)pyrene	25.45	276	33090	0.395	ng	99
35) Benzo(b)fluoranthene	22.68	252	28638	0.395	ng	99
36) Benzo(k)fluoranthene	22.72	252	29654	0.404	ng	98
37) Benzo(a)pyrene	23.23	252	26521	0.395	ng	99
38) Dibenzo(a,h)anthracene	25.46	278	26832	0.405	ng	99
39) Benzo(g,h,i)perylene	26.10	276	26567	0.402	ng	99

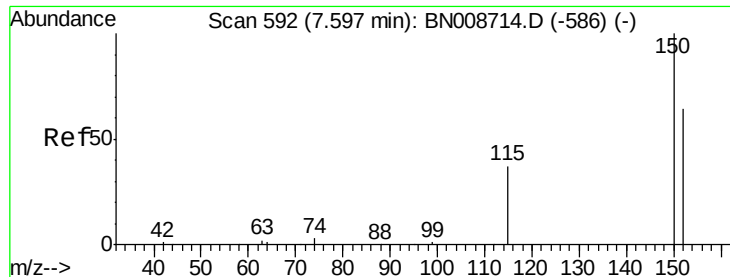
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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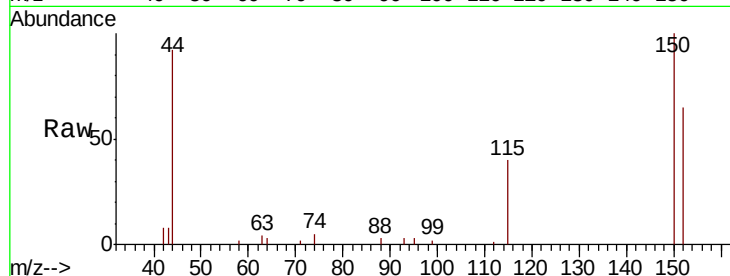


#1

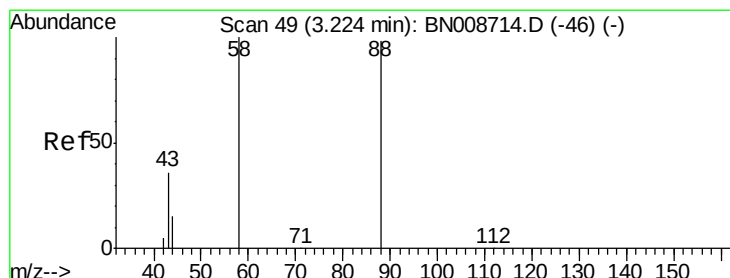
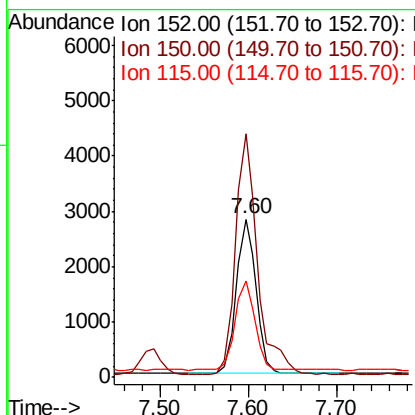
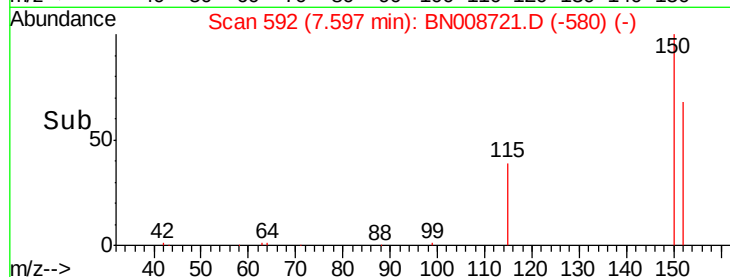
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4382
Ion Ratio Lower Upper
152 100
150 153.7 124.0 186.0
115 61.0 49.8 74.8



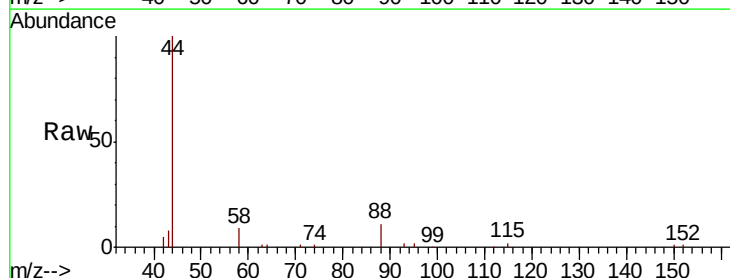
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



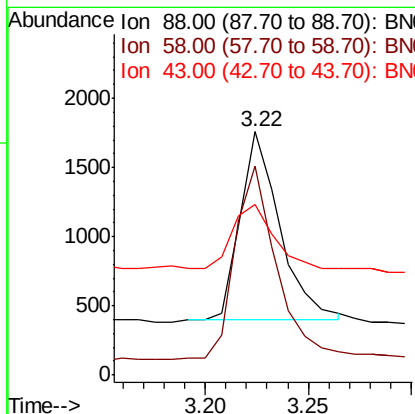
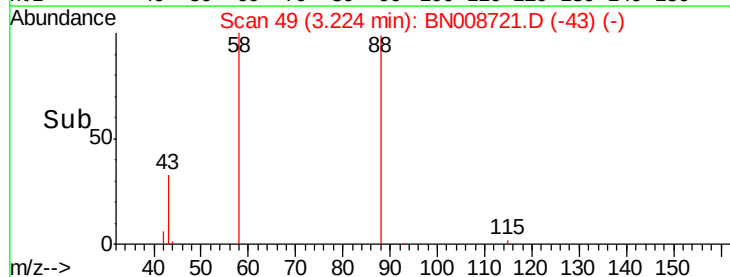
#2

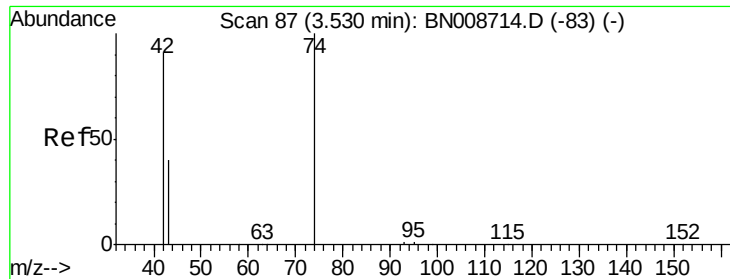
1,4-Dioxane
Concen: 0.394 ng
RT: 3.22 min Scan# 49
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion: 88 Resp: 1826
Ion Ratio Lower Upper
88 100
58 105.4 85.7 128.5
43 35.2 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: 0.389 ng

RT: 3.53 min Scan# 87

Delta R.T. 0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

Instrument :

BNA_N

ClientSampleId :

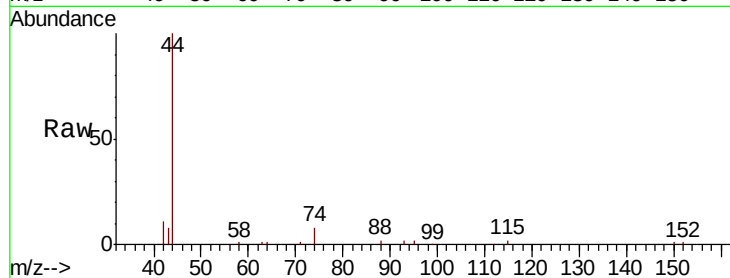
Tot Ion: 42 Resp: 2237

Ion Ratio Lower Upper

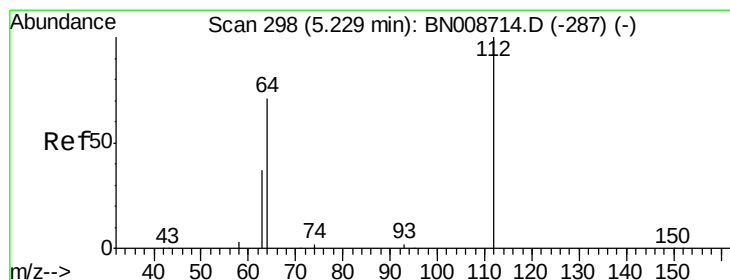
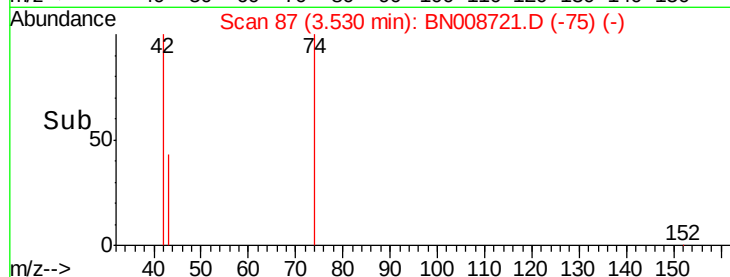
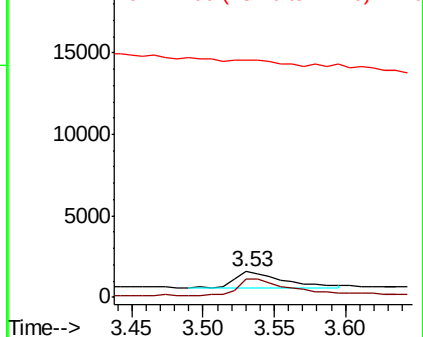
42 100

74 106.3 88.0 132.0

44 0.0 0.0 0.0



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: 0.396 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

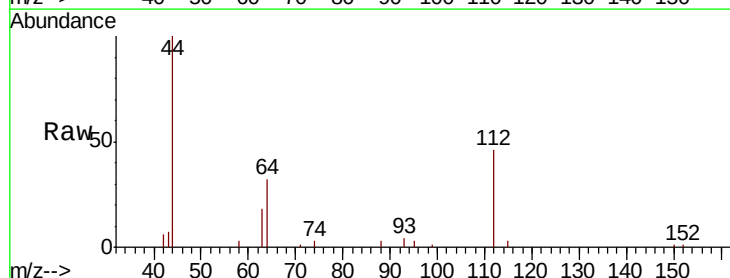
Tgt Ion: 112 Resp: 4549

Ion Ratio Lower Upper

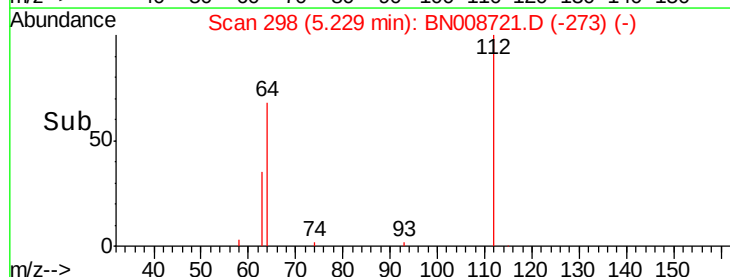
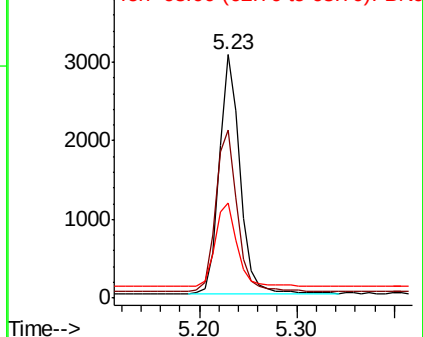
112 100

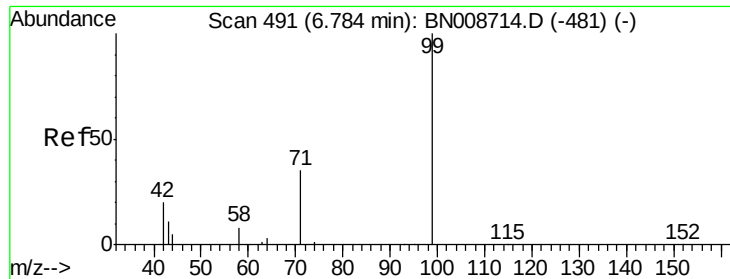
64 70.6 57.1 85.7

63 37.7 29.7 44.5



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: 0.393 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

Instrument :

BNA_N

ClientSampled :

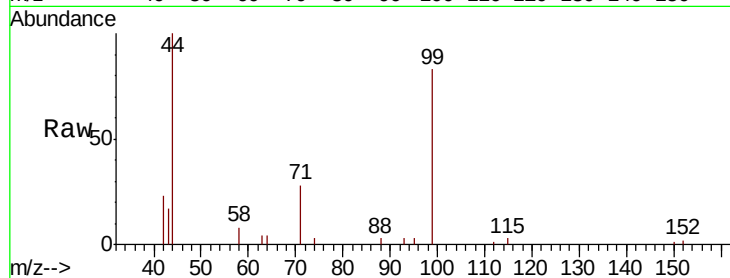
Tot Ion: 99 Resp: 5698

Ion Ratio Lower Upper

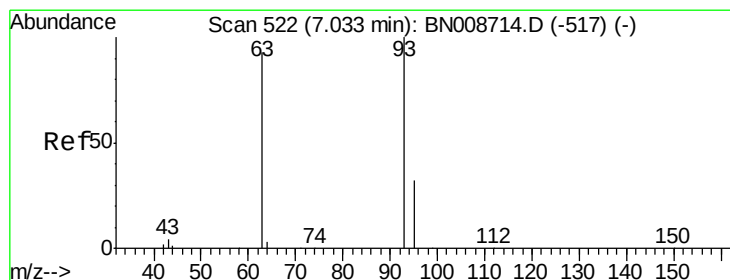
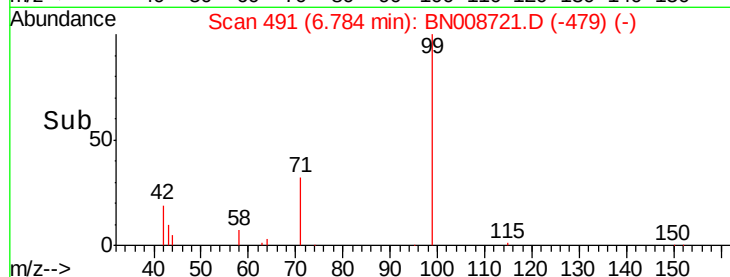
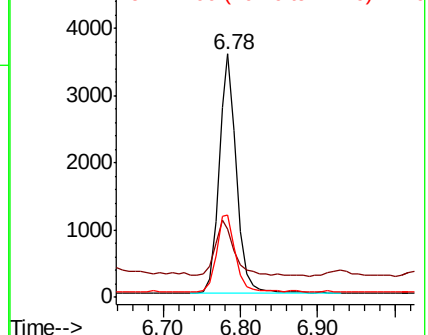
99 100

42 26.1 19.4 29.2

71 34.8 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: 0.402 ng

RT: 7.03 min Scan# 522

Delta R.T. -0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

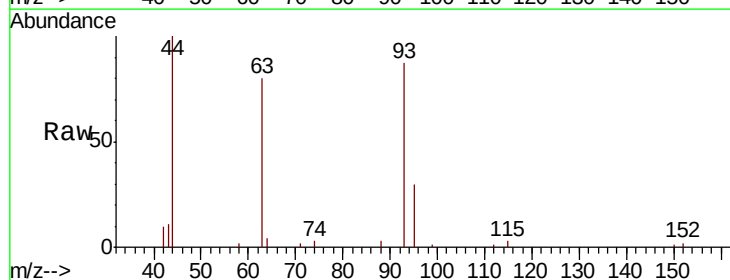
Tgt Ion: 93 Resp: 5467

Ion Ratio Lower Upper

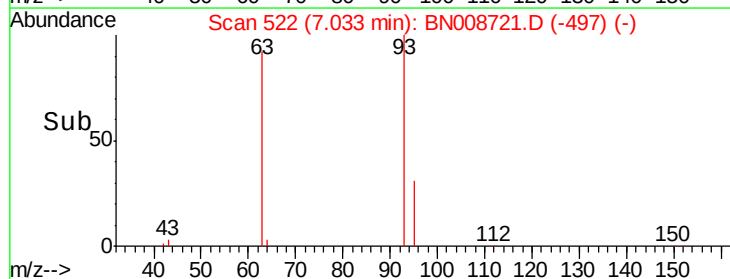
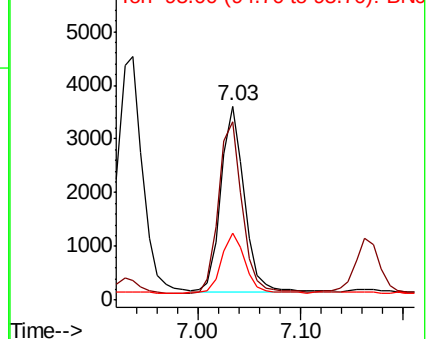
93 100

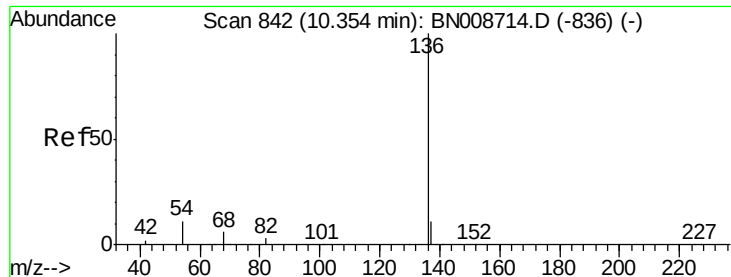
63 93.7 74.2 111.4

95 32.9 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: BN008721.D

Acq: 23 Nov 2019 00:35

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 15930

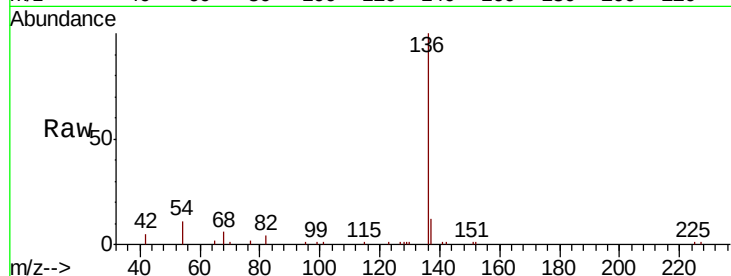
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 10.8 9.4 14.2

68 6.5 5.8 8.6

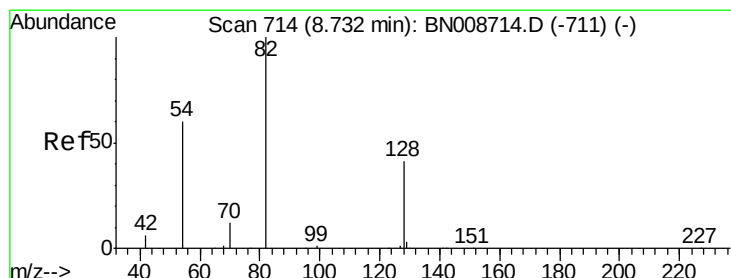
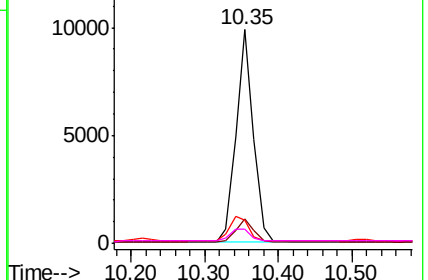
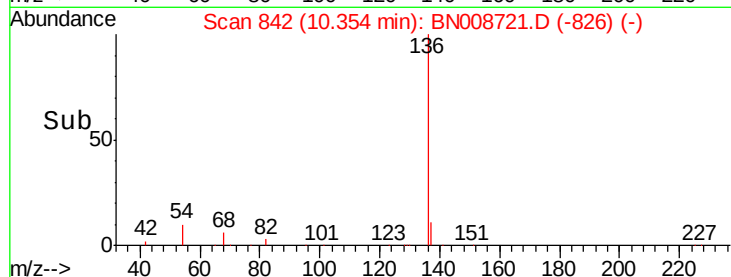


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.395 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

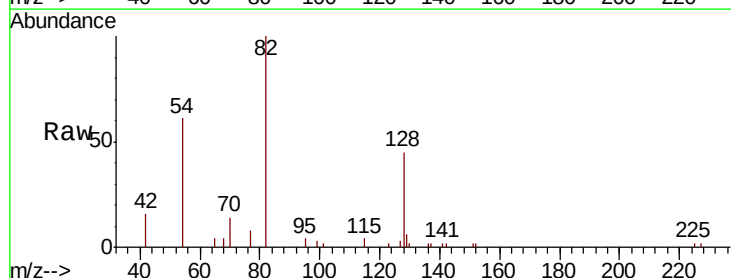
Tgt Ion: 82 Resp: 5660

Ion Ratio Lower Upper

82 100

128 44.7 34.6 52.0

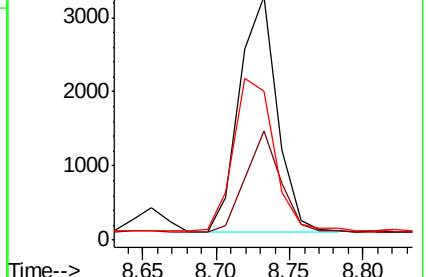
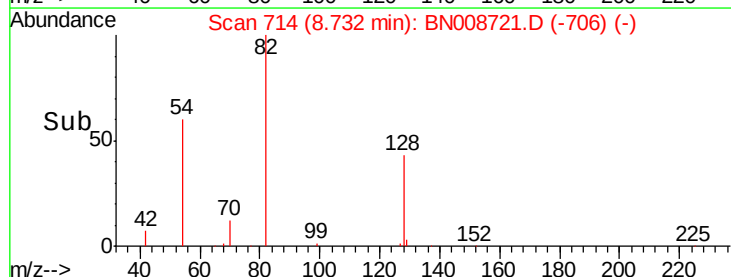
54 61.2 50.2 75.4

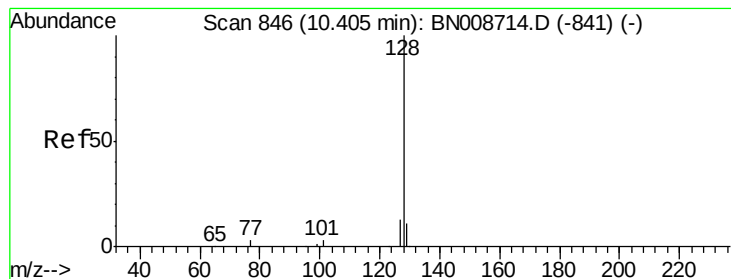


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.406 ng

RT: 10.41 min Scan# 846

Delta R.T. 0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

Instrument :

BNA_N

ClientSampled :

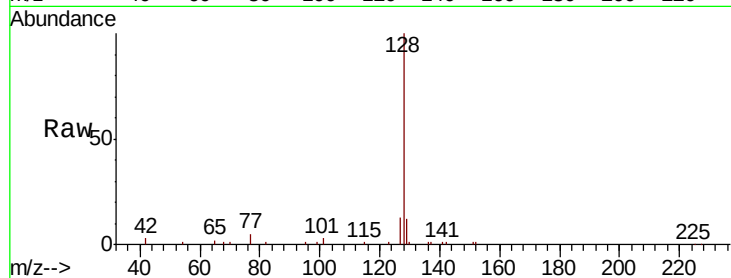
Tot Ion:128 Resp: 17249

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

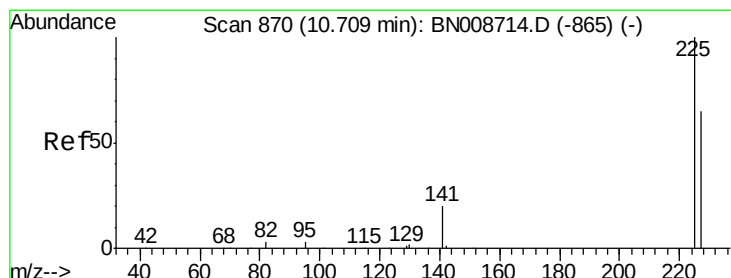
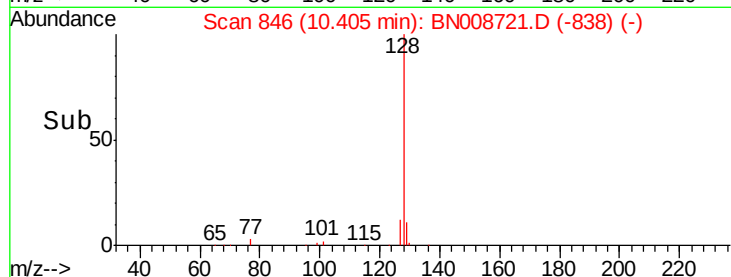
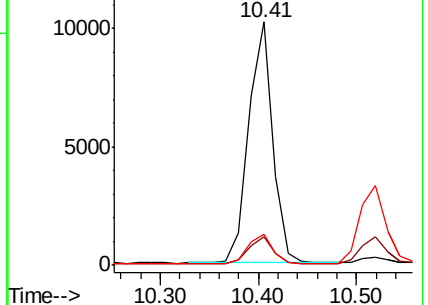
127 12.7 10.5 15.7



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: 0.403 ng

RT: 10.71 min Scan# 870

Delta R.T. -0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

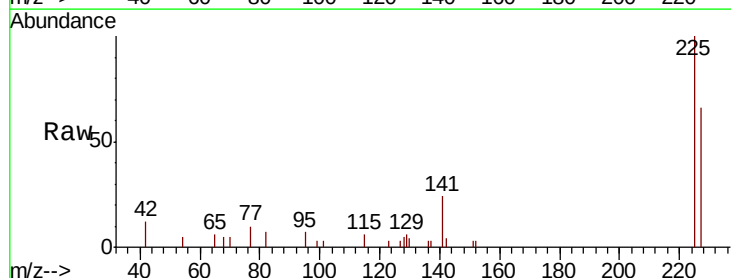
Tgt Ion:225 Resp: 3557

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

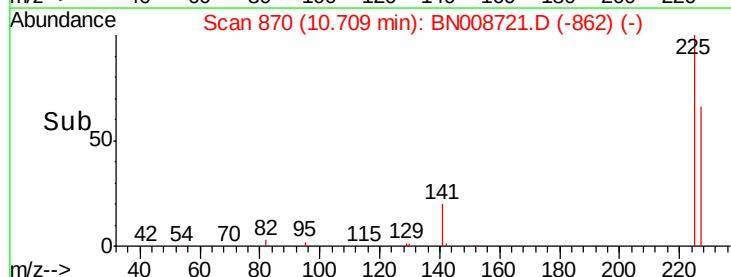
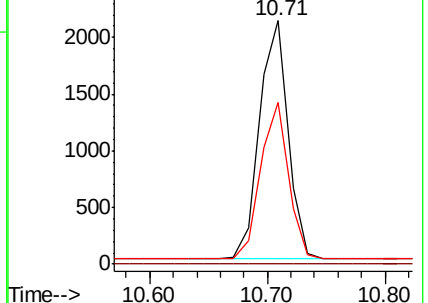
227 64.3 51.8 77.6

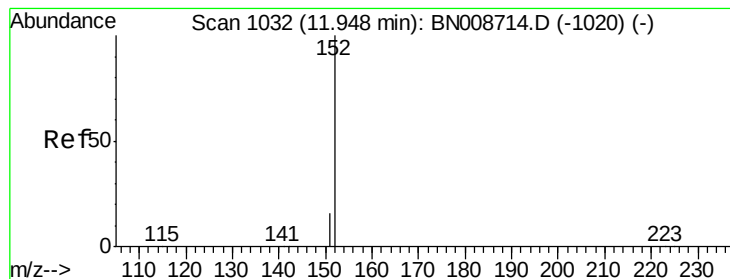


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 11.95 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

Instrument :

BNA_N

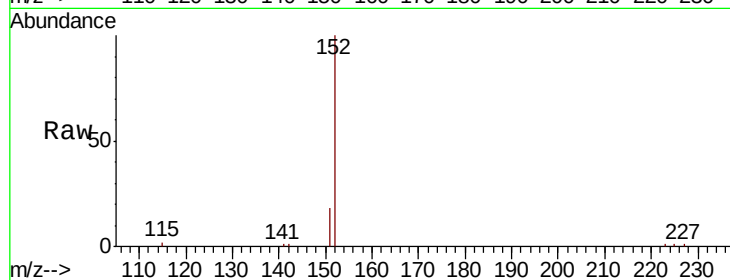
ClientSampleId :

Tot Ion:152 Resp: 10150

Ion Ratio Lower Upper

152 100

151 18.9 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.95

6000

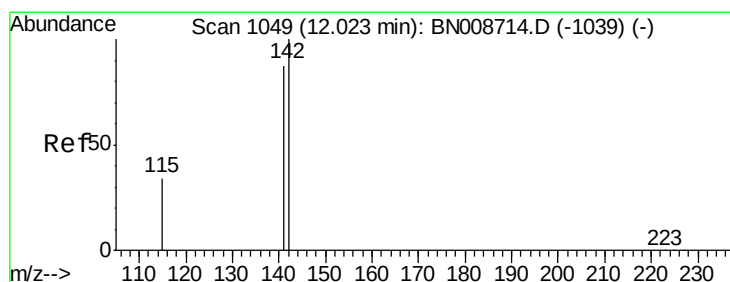
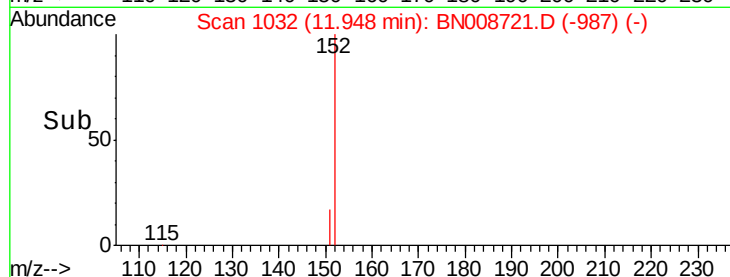
4000

2000

0

11.90 12.00

Time-->



#12

2-Methylnaphthalene

Concen: 0.402 ng

RT: 12.02 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

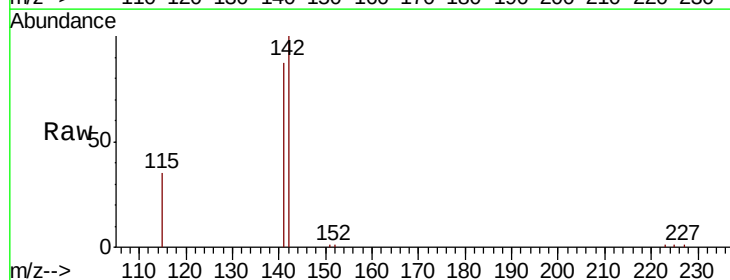
Tgt Ion:142 Resp: 11892

Ion Ratio Lower Upper

142 100

141 87.0 69.8 104.6

115 35.1 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

12.02

10000

8000

6000

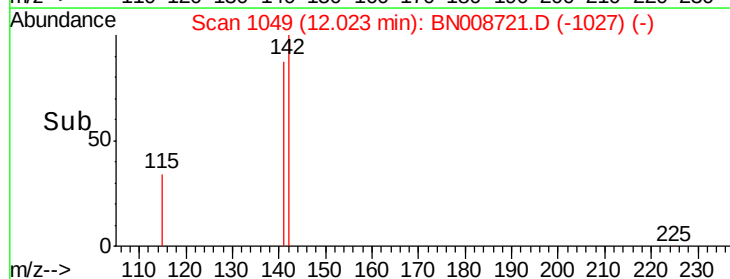
4000

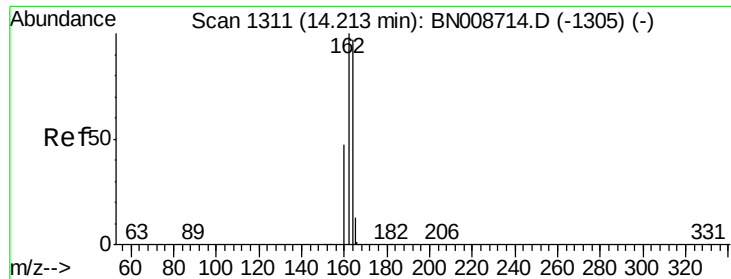
2000

0

11.90 12.00 12.10 12.20

Time-->

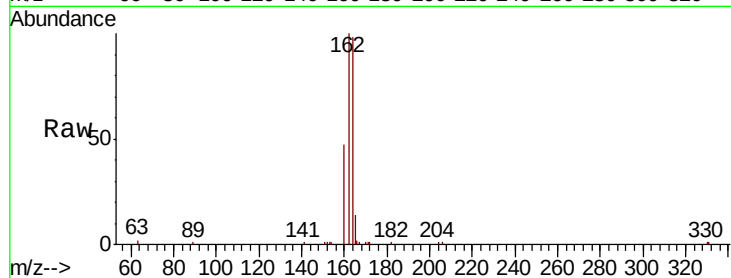




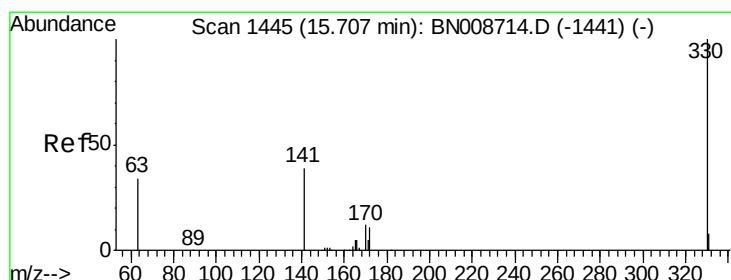
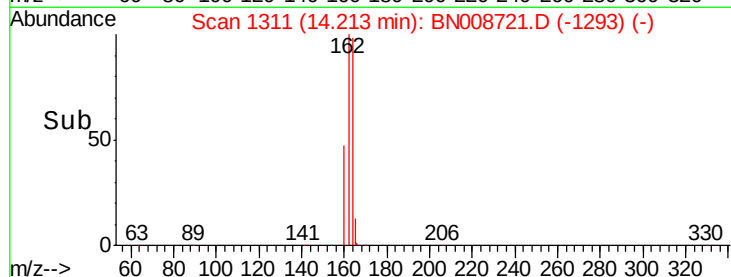
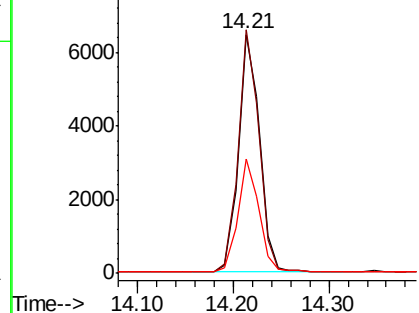
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Instrument :
BNA_N
ClientSampled :

Tot Ion:164 Resp: 9803
Ion Ratio Lower Upper
164 100
162 102.0 82.2 123.4
160 48.0 38.7 58.1

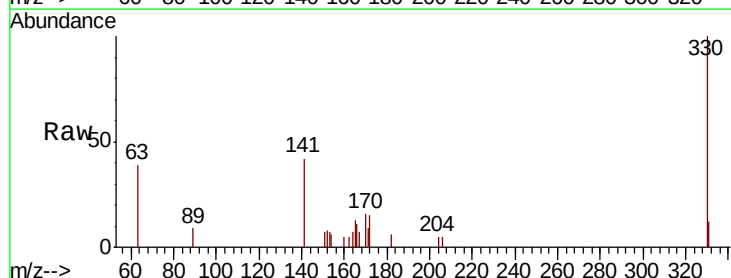


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

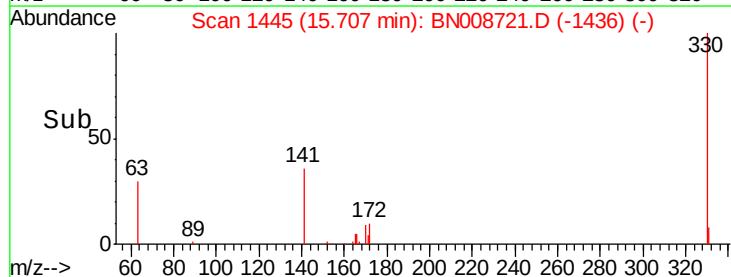
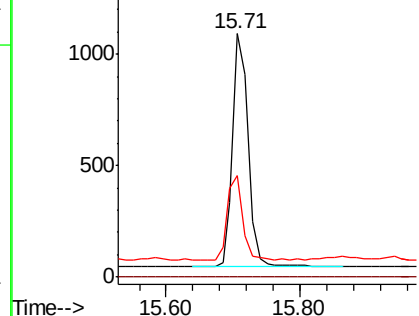


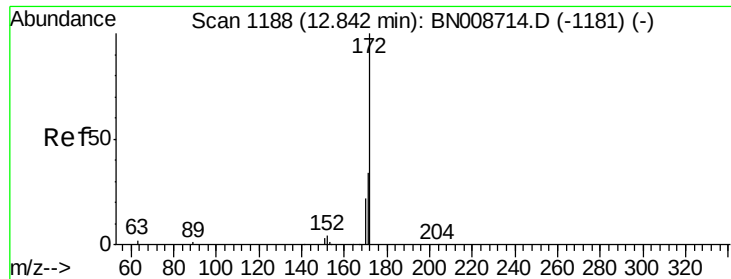
#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.71 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:330 Resp: 1690
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.7 29.5 44.3



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

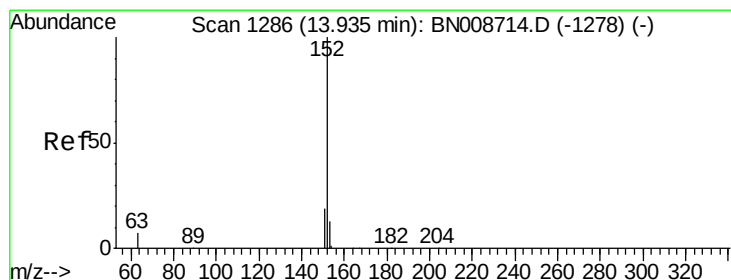
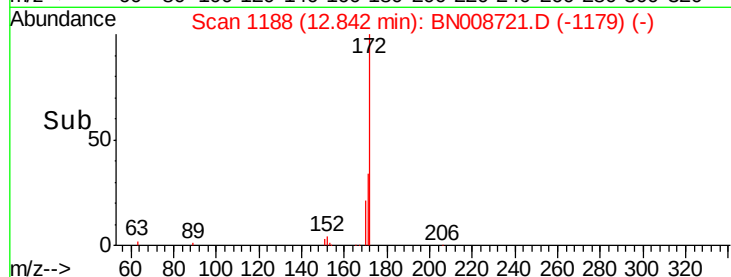
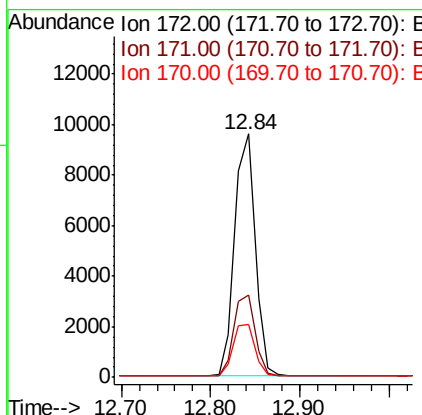
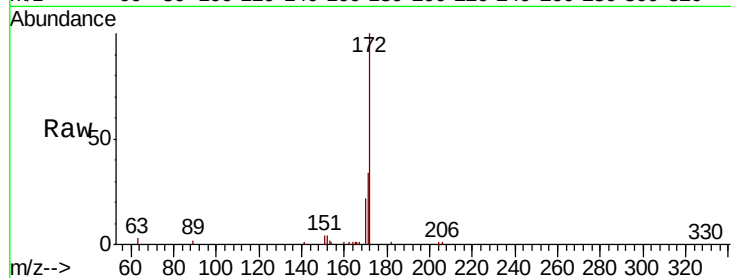




#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.84 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

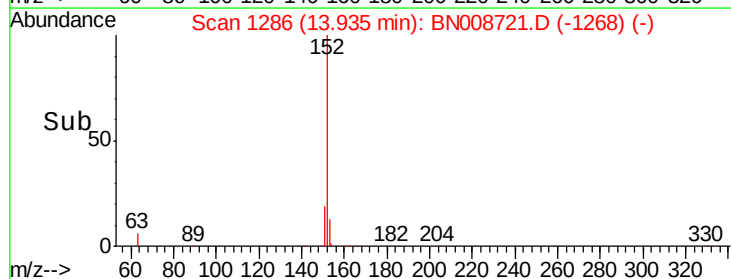
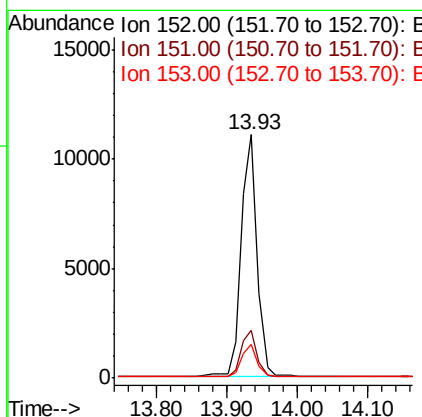
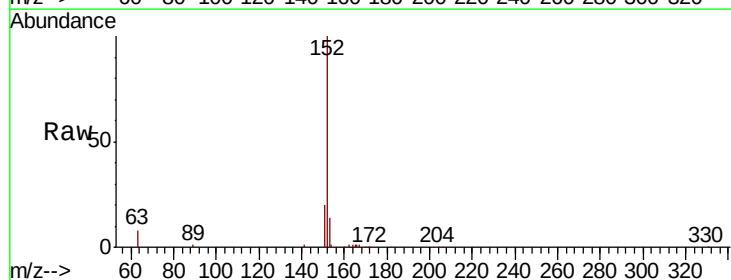
Instrument :
BNA_N
ClientSampleId :

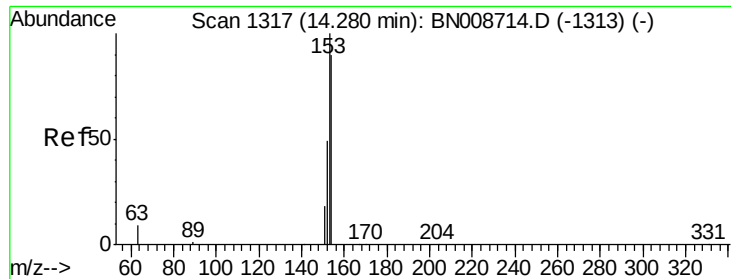
Tot Ion:172 Resp: 15411
Ion Ratio Lower Upper
172 100
171 34.0 27.3 40.9
170 21.7 17.8 26.6



#16
Acenaphthylene
Concen: 0.384 ng
RT: 13.93 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:152 Resp: 17319
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3
153 13.2 10.3 15.5





#17

Acenaphthene

Concen: 0.393 ng

RT: 14.28 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

Instrument :

BNA_N

ClientSampleId :

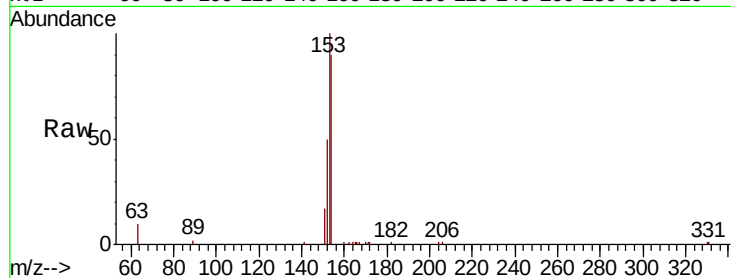
Tot Ion:154 Resp: 11672

Ion Ratio Lower Upper

154 100

153 111.2 89.6 134.4

152 55.9 44.7 67.1

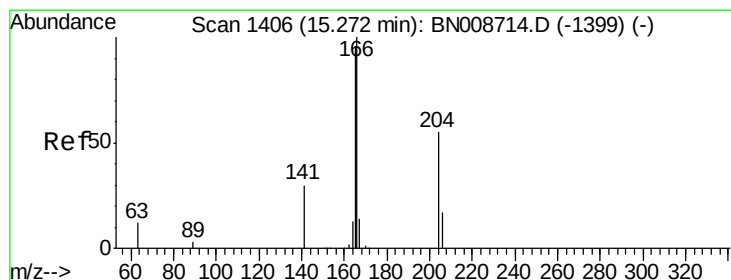
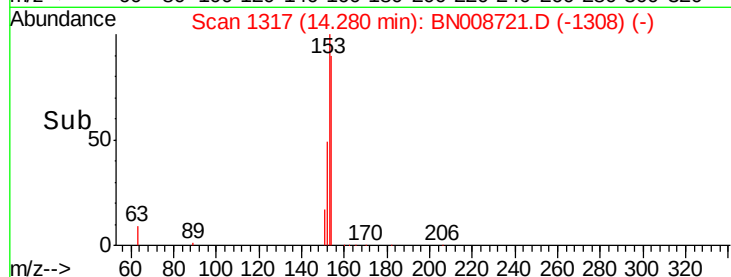
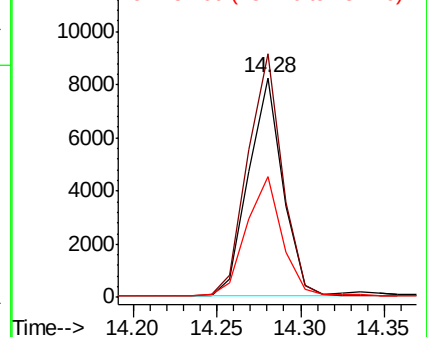


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.397 ng

RT: 15.27 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

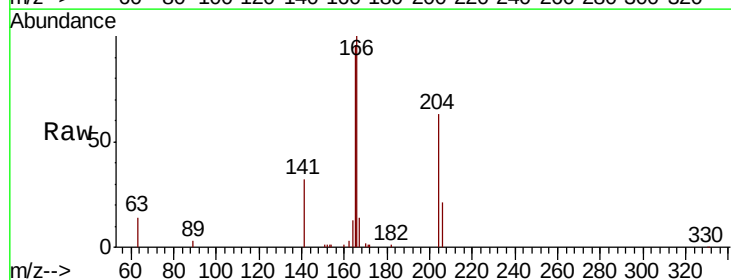
Tgt Ion:166 Resp: 15112

Ion Ratio Lower Upper

166 100

165 96.4 77.7 116.5

167 13.5 10.8 16.2

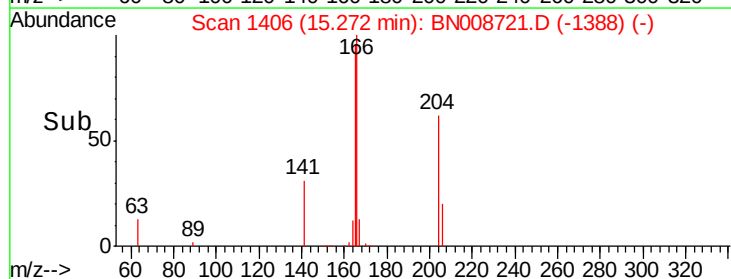
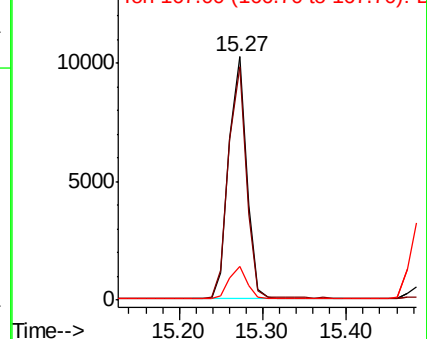


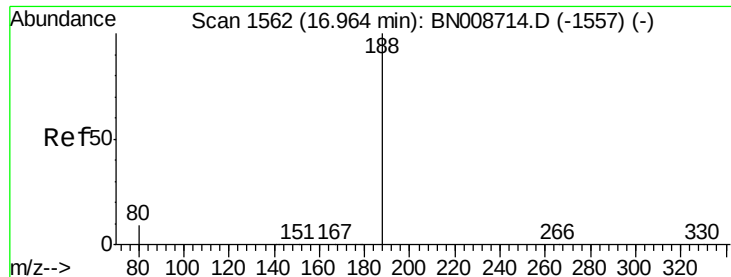
Abundance

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: 16.96 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

Instrument :

BNA_N

ClientSampleId :

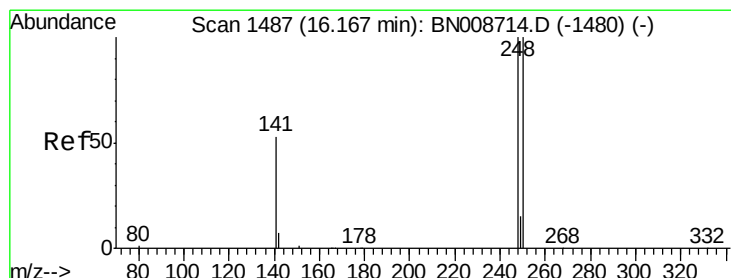
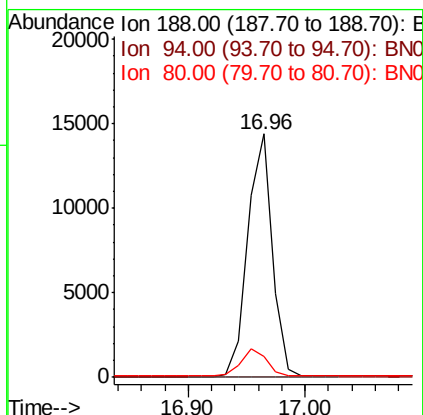
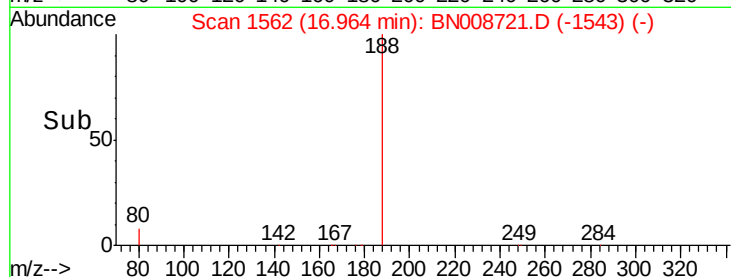
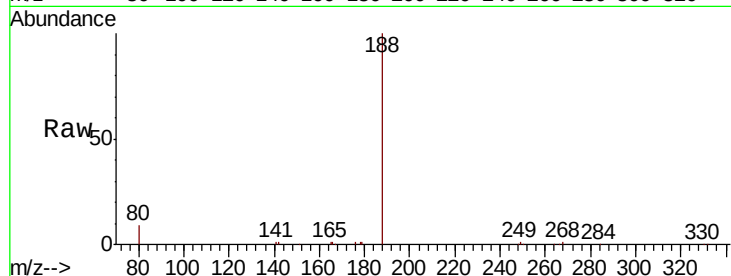
Tot Ion:188 Resp: 20923

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.7 7.4 11.0



#20

4-Bromophenyl-phenylether

Concen: 0.396 ng

RT: 16.17 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

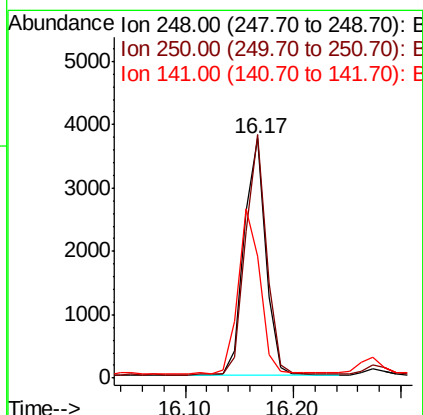
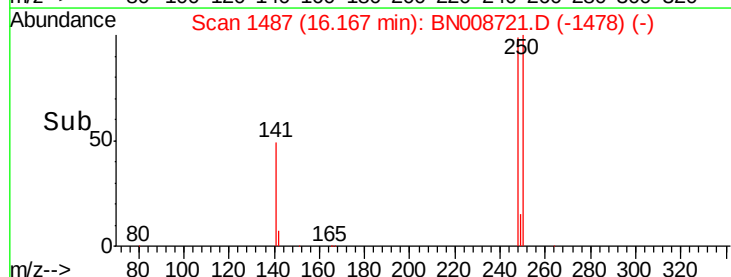
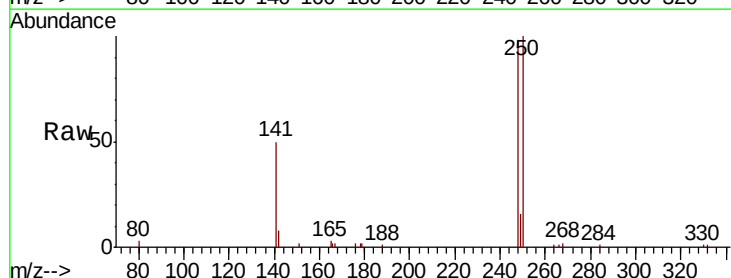
Tgt Ion:248 Resp: 5179

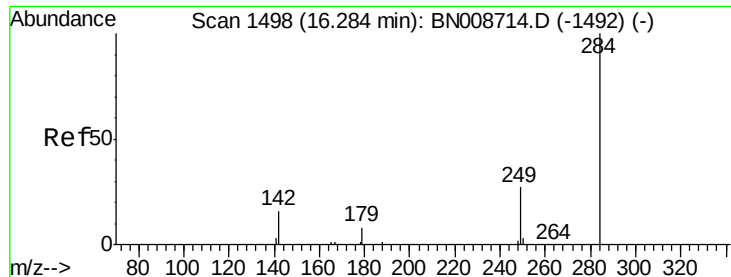
Ion Ratio Lower Upper

248 100

250 101.6 80.5 120.7

141 50.8 43.8 65.6





#21

Hexachlorobenzene

Concen: 0.402 ng

RT: 16.28 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

Instrument :

BNA_N

ClientSampleId :

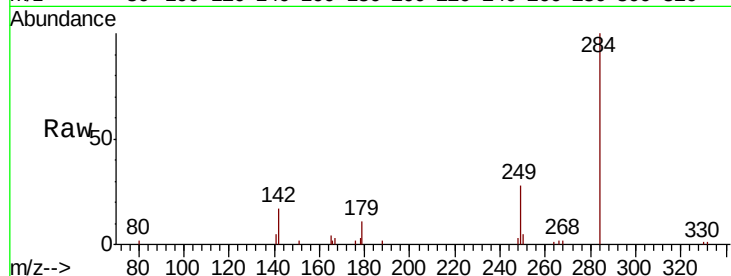
Tot Ion:284 Resp: 5773

Ion Ratio Lower Upper

284 100

142 34.3 27.4 41.0

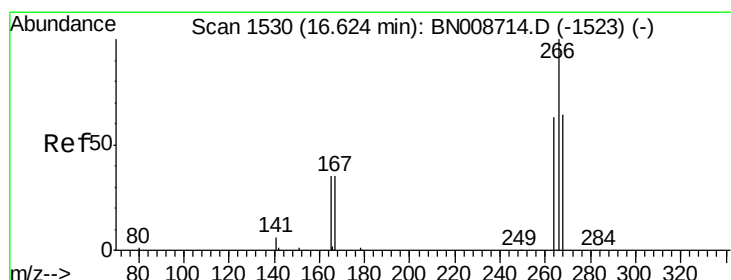
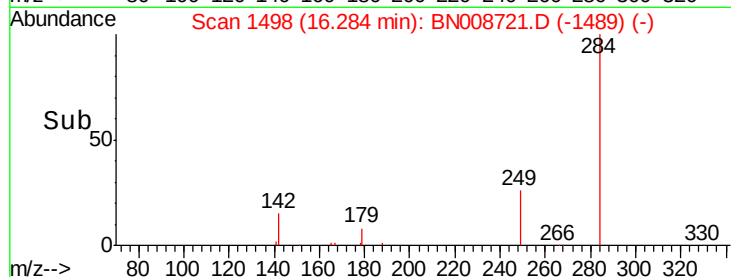
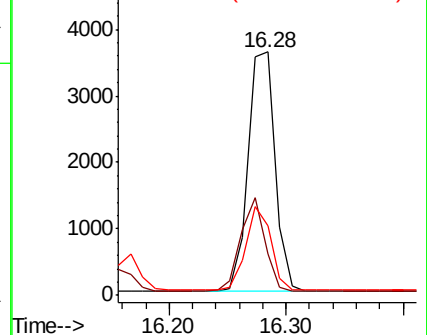
249 32.0 25.4 38.0



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: 0.322 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

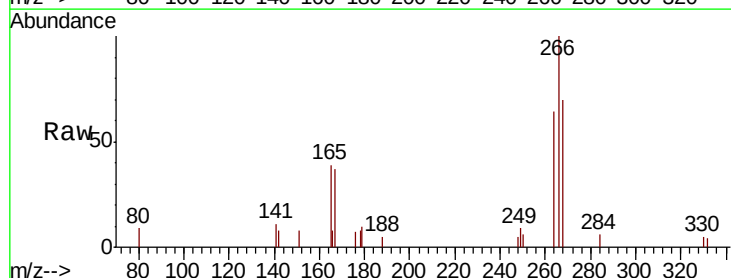
Tgt Ion:266 Resp: 1658

Ion Ratio Lower Upper

266 100

264 63.7 51.0 76.4

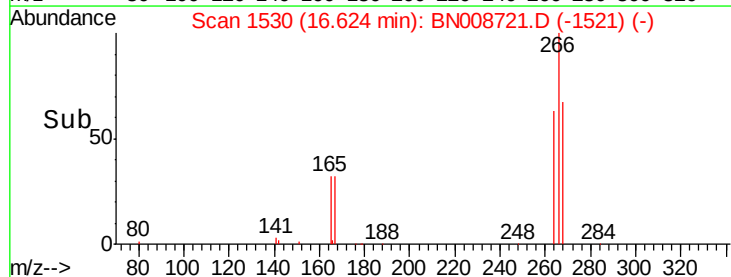
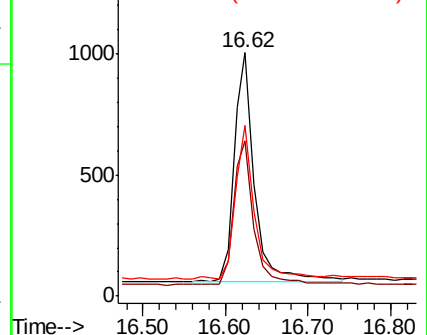
268 70.2 54.1 81.1

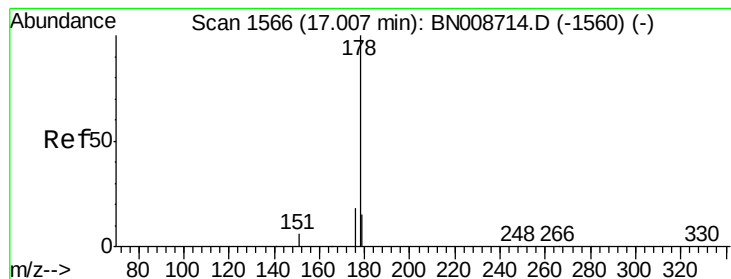


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.396 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

Instrument :

BNA_N

ClientSampleId :

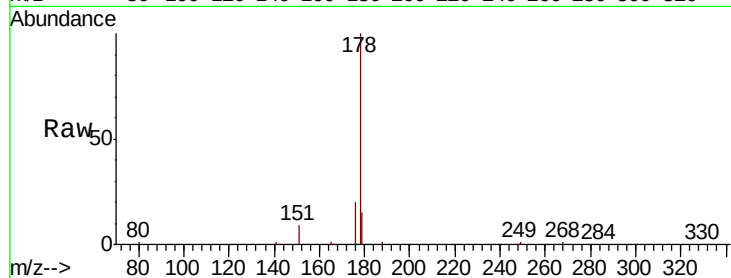
Tot Ion:178 Resp: 25526

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

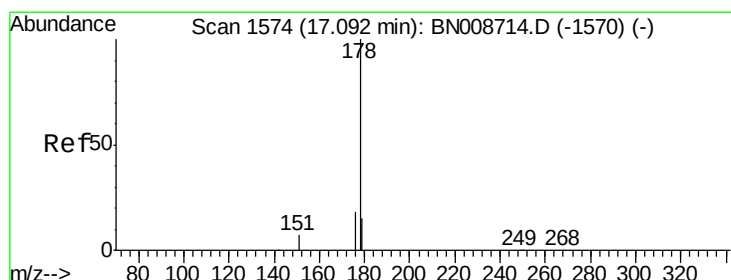
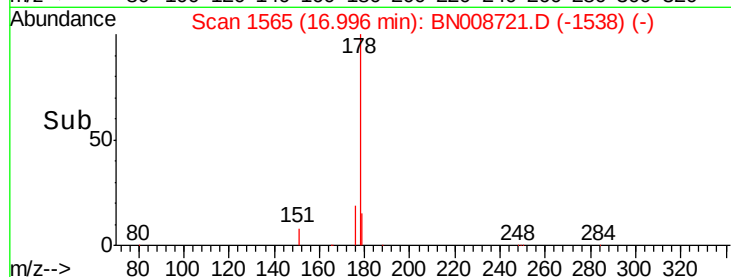
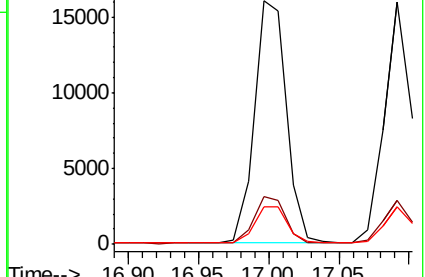
179 15.1 12.3 18.5



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: 0.387 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

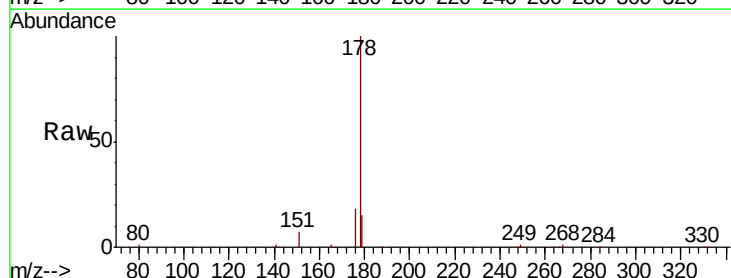
Tgt Ion:178 Resp: 22323

Ion Ratio Lower Upper

178 100

176 17.8 14.4 21.6

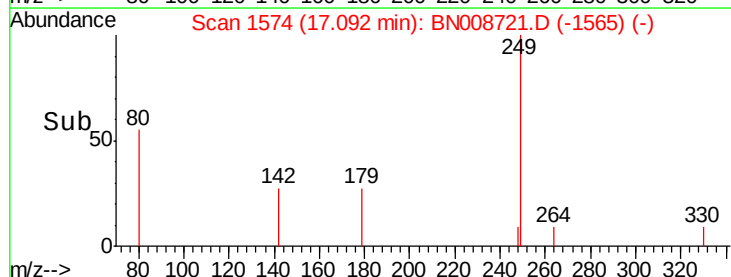
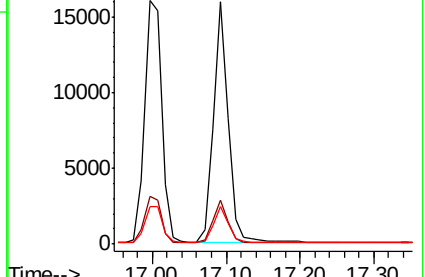
179 15.1 12.0 18.0

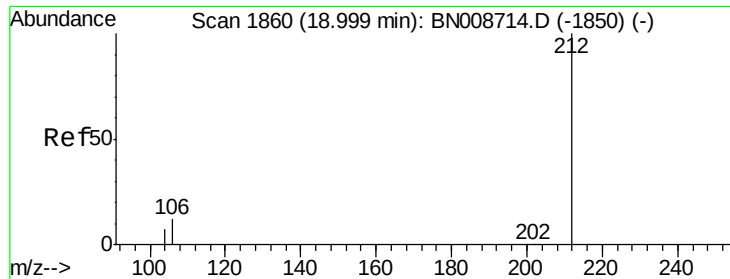


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.397 ng

RT: 19.00 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

Instrument :

BNA_N

ClientSampleId :

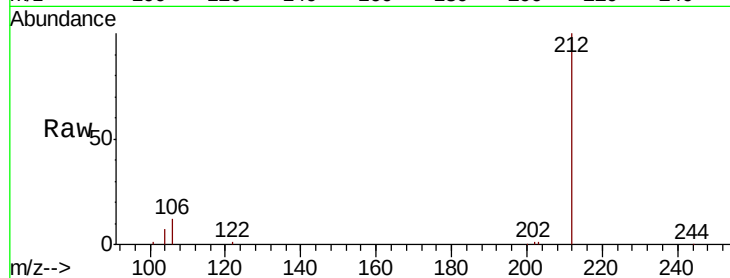
Tot Ion:212 Resp: 24420

Ion Ratio Lower Upper

212 100

106 13.1 10.6 15.8

104 7.4 6.0 9.0

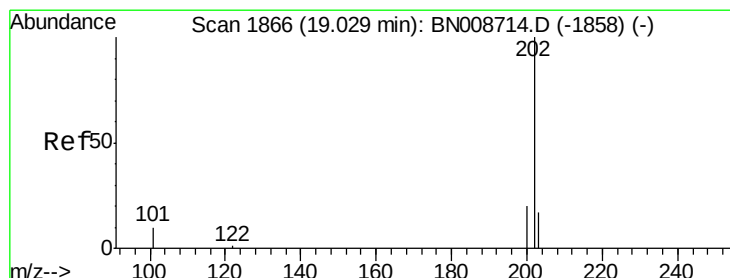
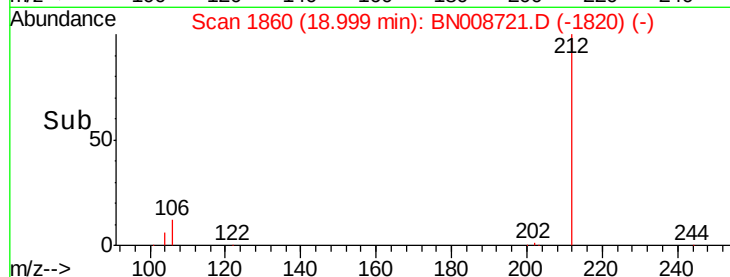
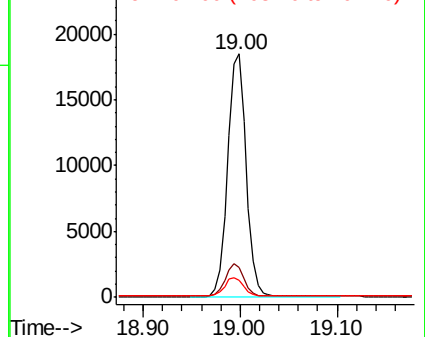


Abundance

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: 0.395 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

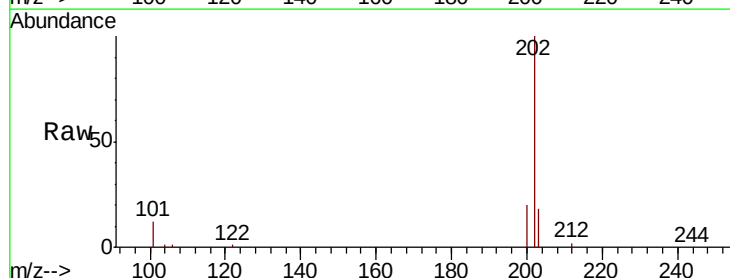
Tgt Ion:202 Resp: 29908

Ion Ratio Lower Upper

202 100

101 11.1 9.0 13.4

203 17.3 13.8 20.6

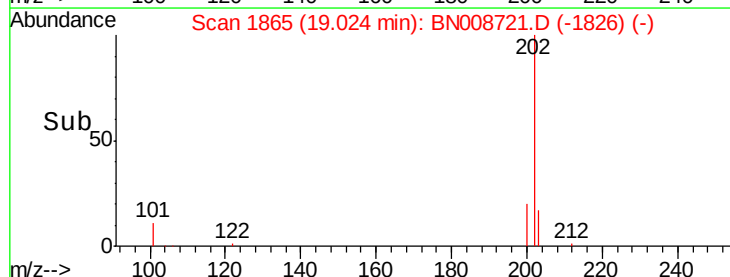
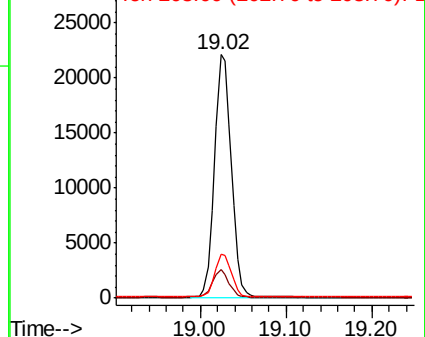


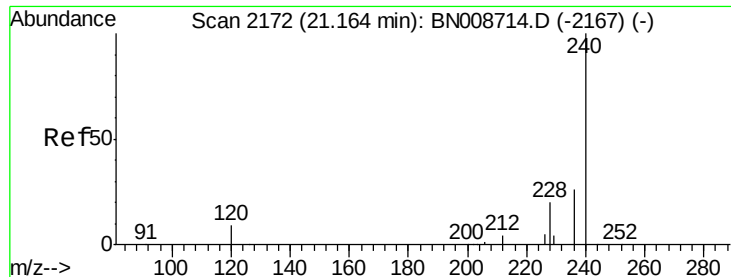
Abundance

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: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

Instrument :

BNA_N

ClientSampleId :

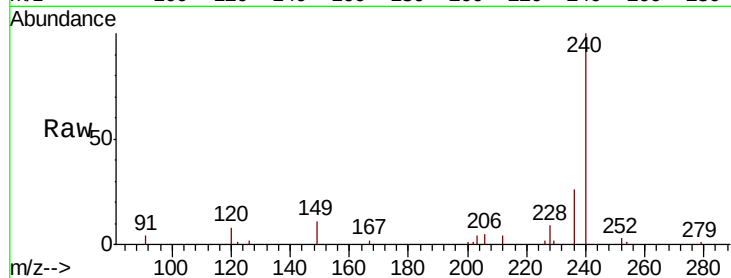
Tot Ion:240 Resp: 21240

Ion Ratio Lower Upper

240 100

120 7.6 9.0 13.4#

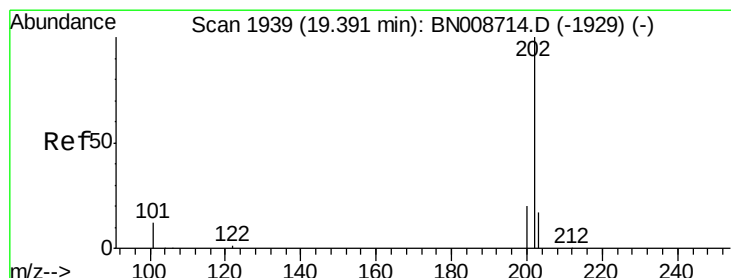
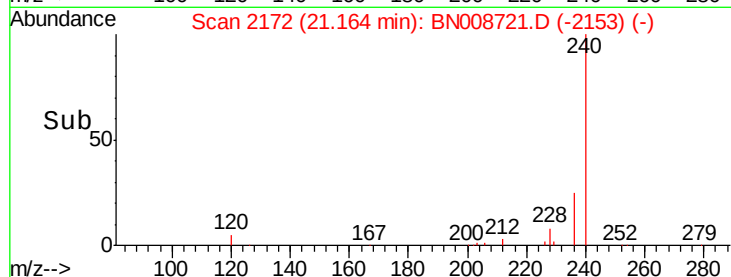
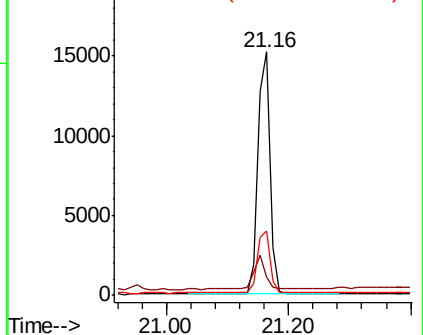
236 26.3 21.8 32.6



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: 0.383 ng

RT: 19.39 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

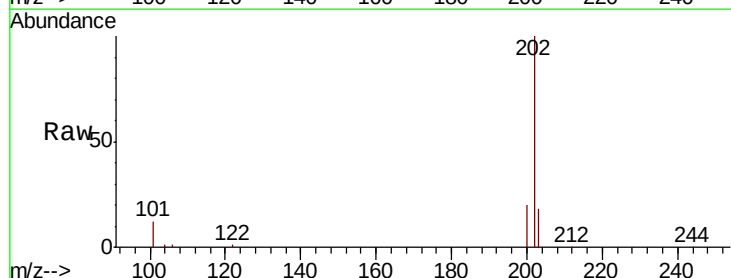
Tgt Ion:202 Resp: 30032

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

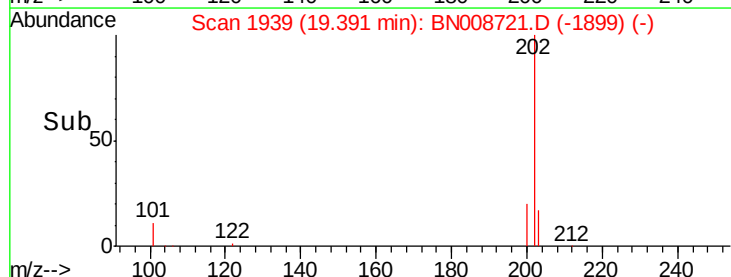
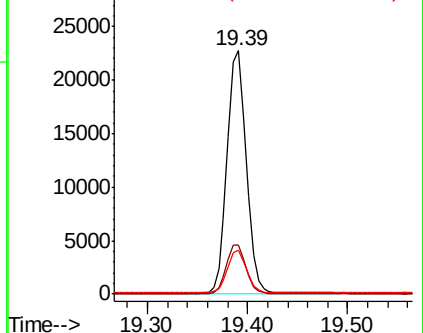
203 17.4 14.0 21.0

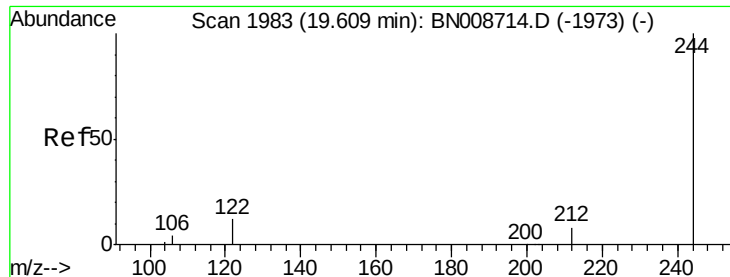


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.387 ng

RT: 19.61 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

Instrument :

BNA_N

ClientSampleId :

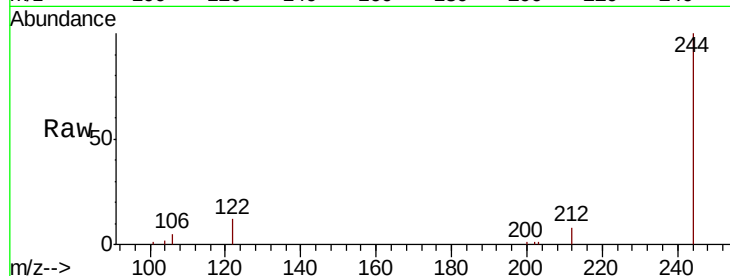
Tot Ion:244 Resp: 19796

Ion Ratio Lower Upper

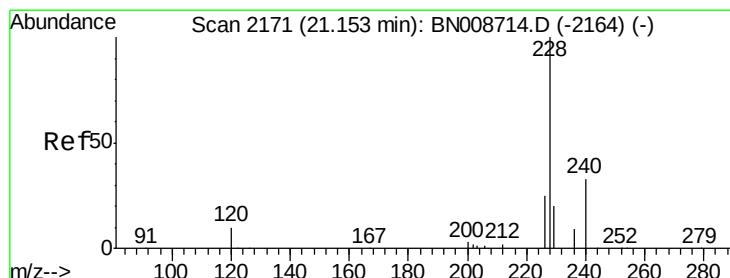
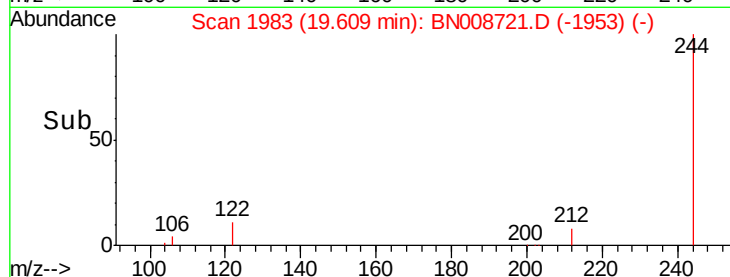
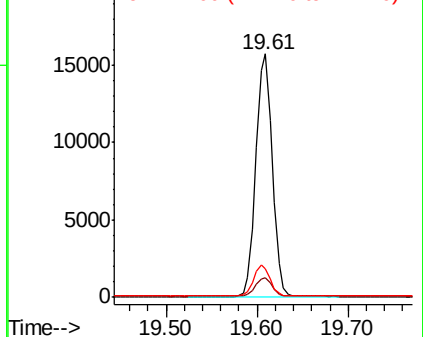
244 100

212 8.0 6.6 9.8

122 11.6 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: 0.381 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

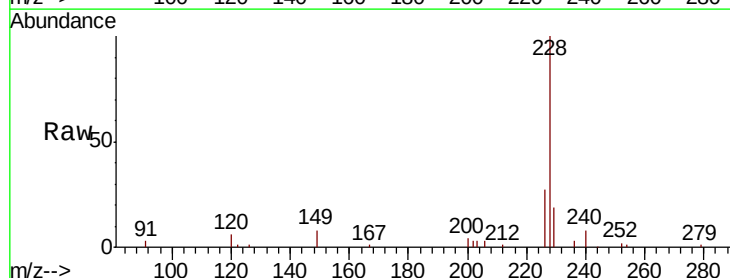
Tgt Ion:228 Resp: 29650

Ion Ratio Lower Upper

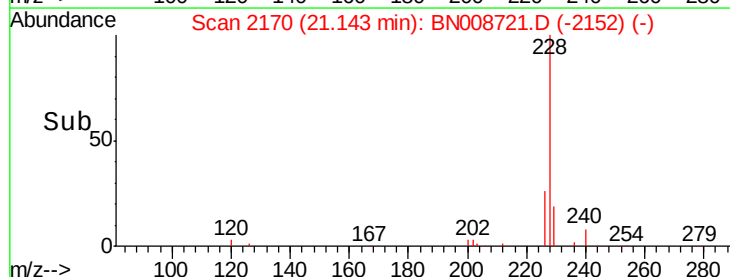
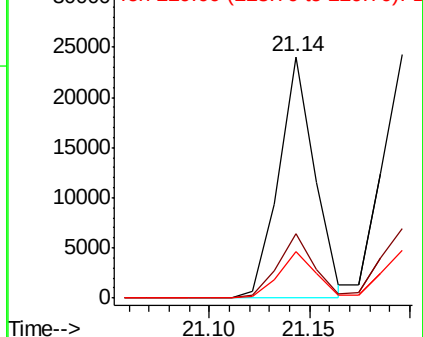
228 100

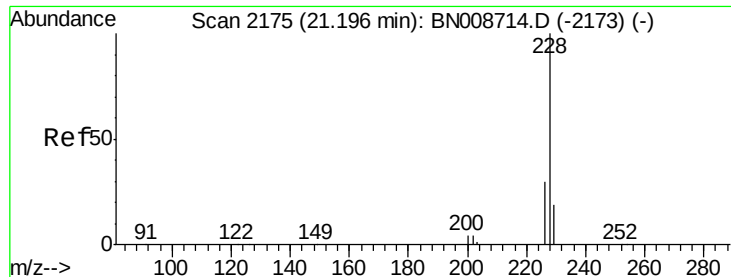
226 26.7 20.3 30.5

229 19.3 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: 0.396 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

Instrument :

BNA_N

ClientSampleId :

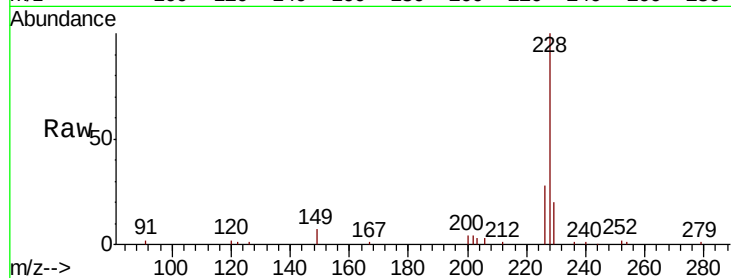
Tot Ion:228 Resp: 29797

Ion Ratio Lower Upper

228 100

226 28.5 23.8 35.8

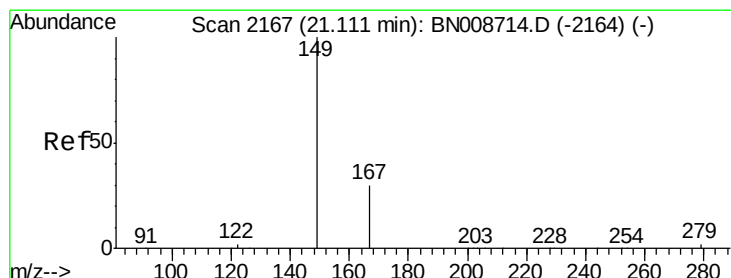
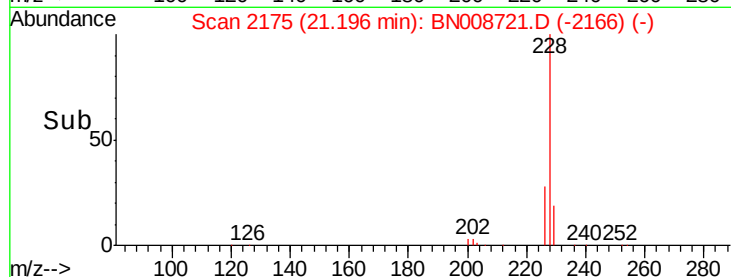
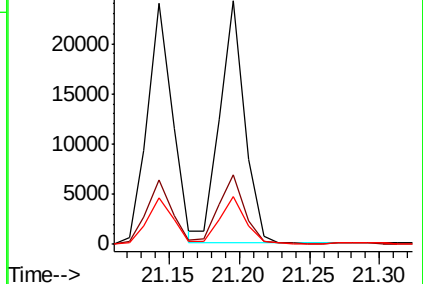
229 19.6 15.4 23.0



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: 0.353 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

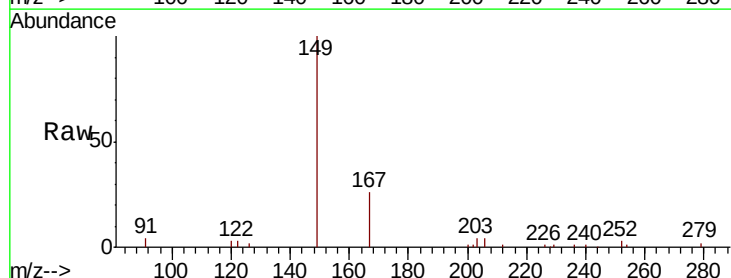
Tgt Ion:149 Resp: 17806

Ion Ratio Lower Upper

149 100

167 29.4 23.5 35.3

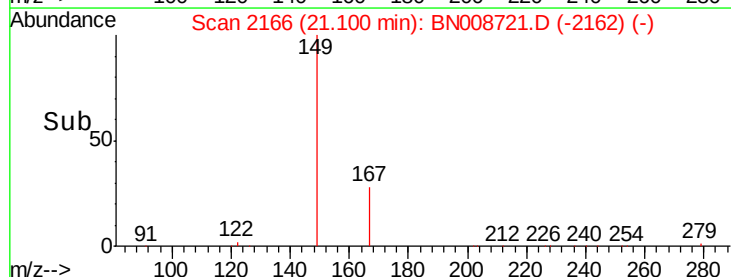
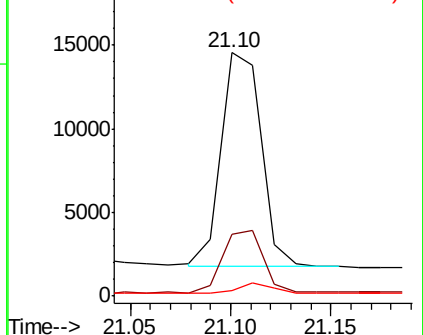
279 4.0 3.4 5.0

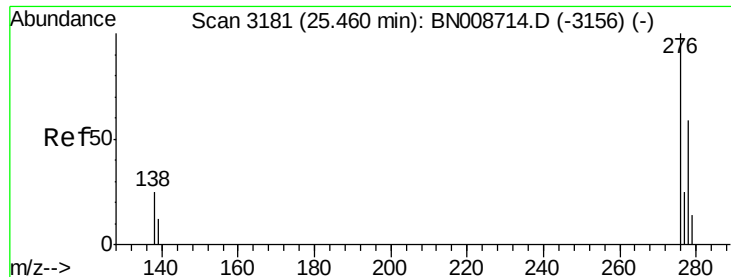


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

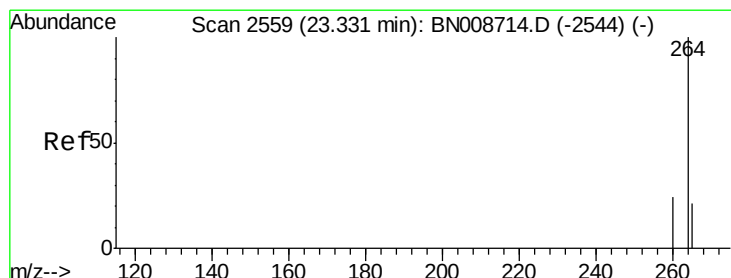
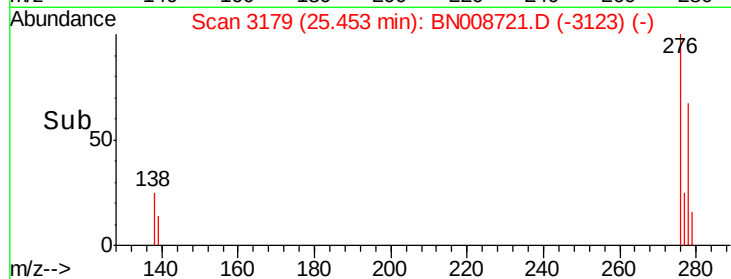
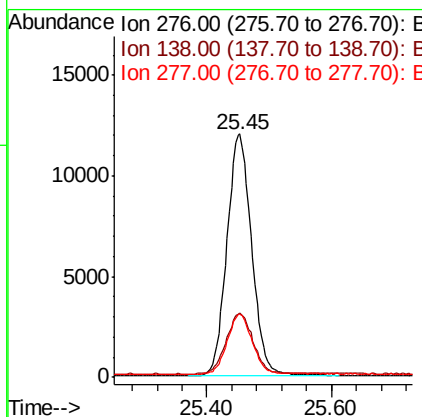
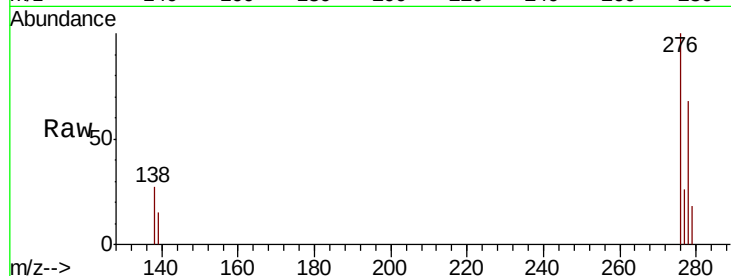




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.395 ng
 RT: 25.45 min Scan# 3179
 Delta R.T. -0.01 min
 Lab File: BN008721.D
 Acq: 23 Nov 2019 00:35

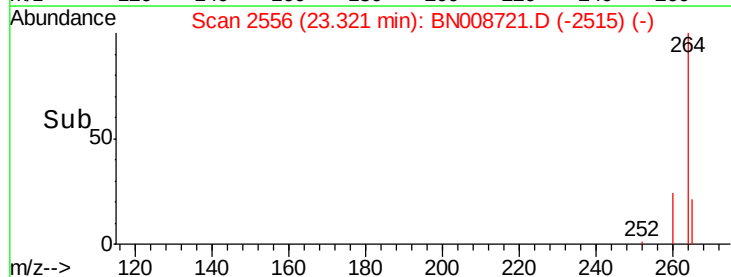
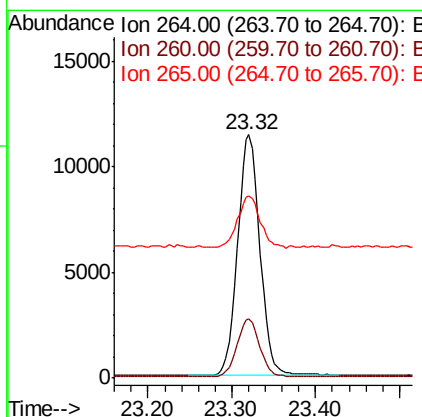
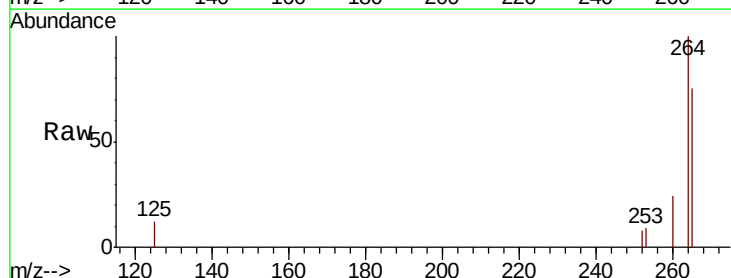
Instrument :
 BNA_N
 ClientSampleId :

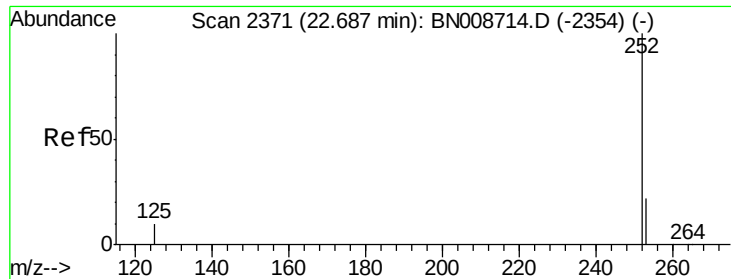
Tot Ion:276 Resp: 33090
 Ion Ratio Lower Upper
 276 100
 138 27.0 21.0 31.6
 277 24.9 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.32 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BN008721.D
 Acq: 23 Nov 2019 00:35

Tgt Ion:264 Resp: 20958
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 74.9 61.8 92.6

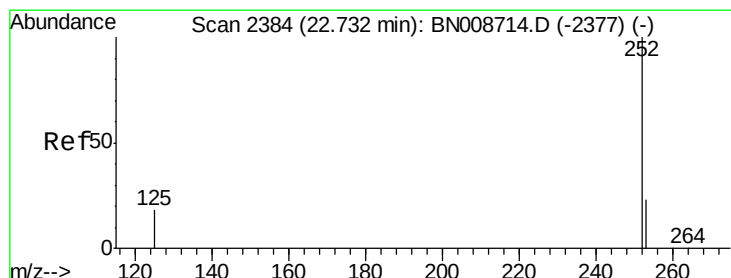
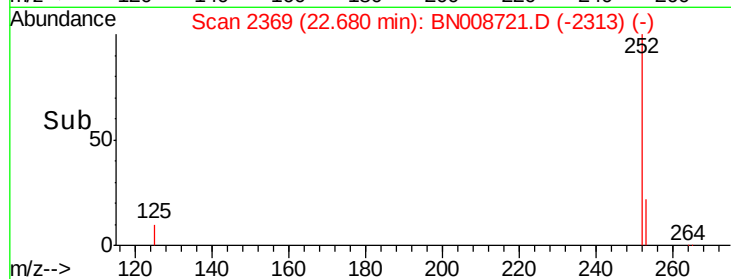
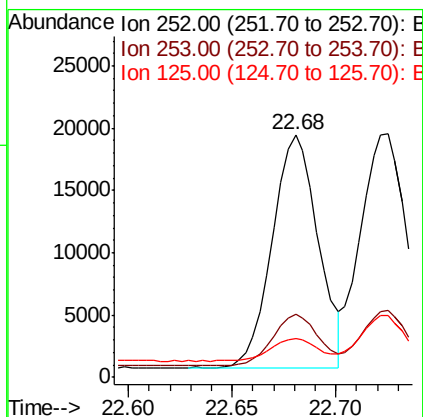
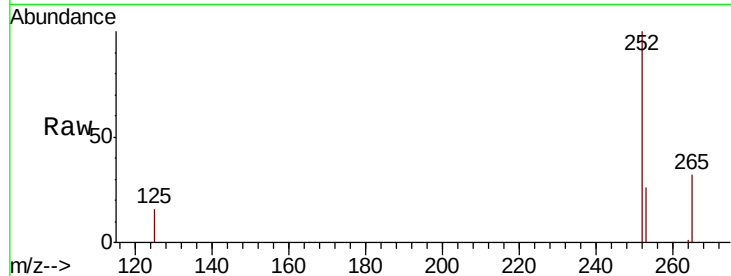




#35
Benzo(b)fluoranthene
Concen: 0.395 ng
RT: 22.68 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

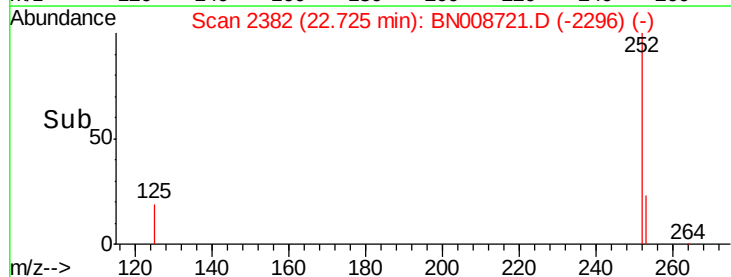
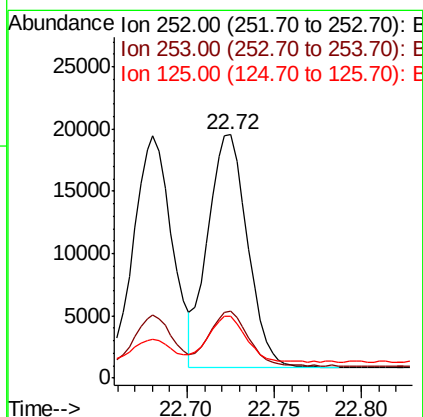
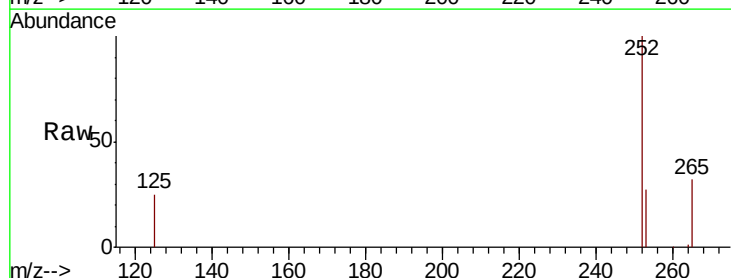
Instrument :
BNA_N
ClientSampleId :

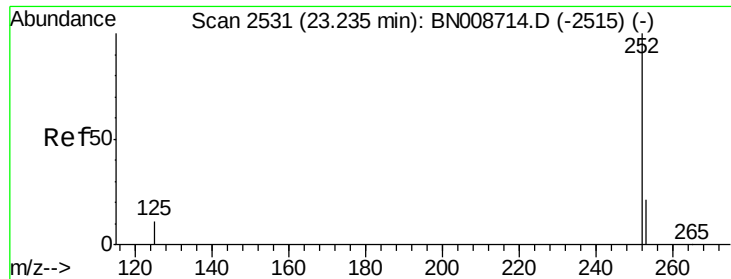
Tot Ion:252 Resp: 28638
Ion Ratio Lower Upper
252 100
253 25.8 20.8 31.2
125 16.2 13.5 20.3



#36
Benzo(k)fluoranthene
Concen: 0.404 ng
RT: 22.72 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN008721.D
Acq: 23 Nov 2019 00:35

Tgt Ion:252 Resp: 29654
Ion Ratio Lower Upper
252 100
253 27.3 21.8 32.6
125 25.4 18.2 27.4





#37

Benzo(a)pyrene

Concen: 0.395 ng

RT: 23.23 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

Instrument :

BNA_N

ClientSampleId :

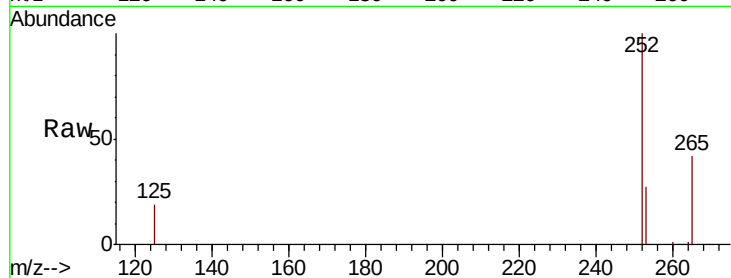
Tot Ion:252 Resp: 26521

Ion Ratio Lower Upper

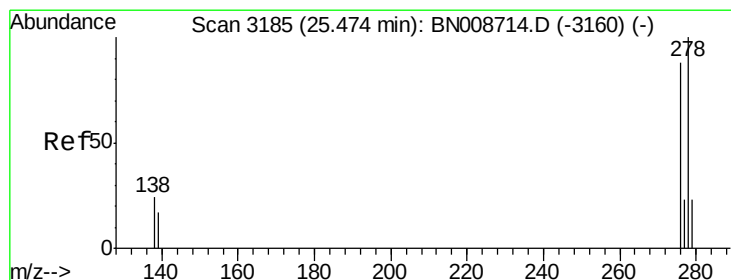
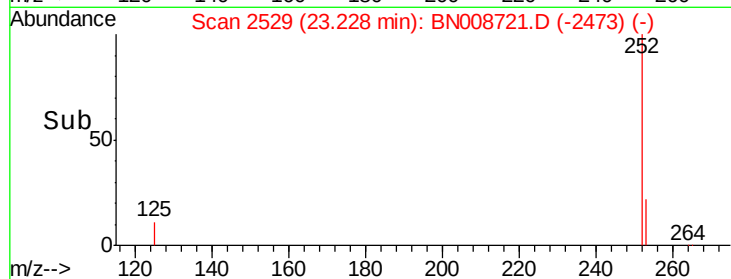
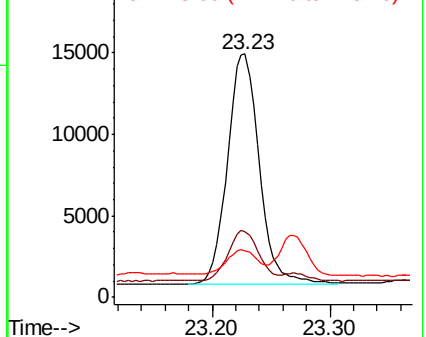
252 100

253 27.2 21.9 32.9

125 19.2 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: 0.405 ng

RT: 25.46 min Scan# 3182

Delta R.T. -0.01 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

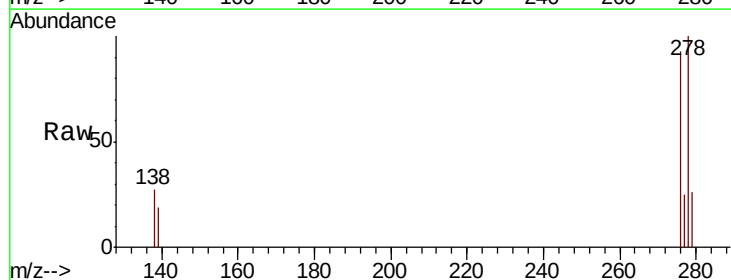
Tgt Ion:278 Resp: 26832

Ion Ratio Lower Upper

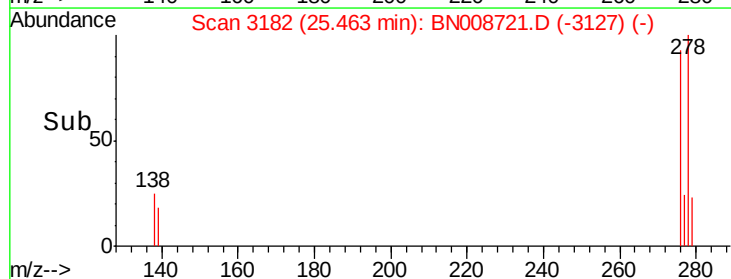
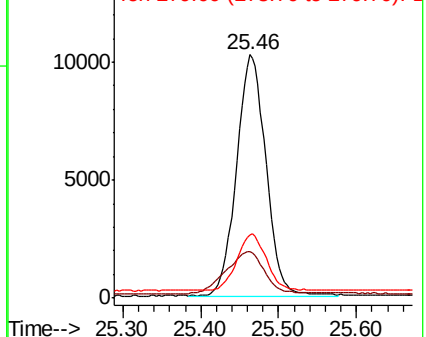
278 100

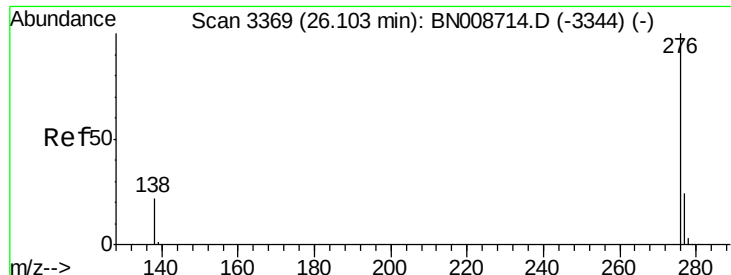
139 19.2 15.4 23.2

279 25.8 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: 0.402 ng

RT: 26.10 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BN008721.D

Acq: 23 Nov 2019 00:35

Instrument :

BNA_N

ClientSampleId :

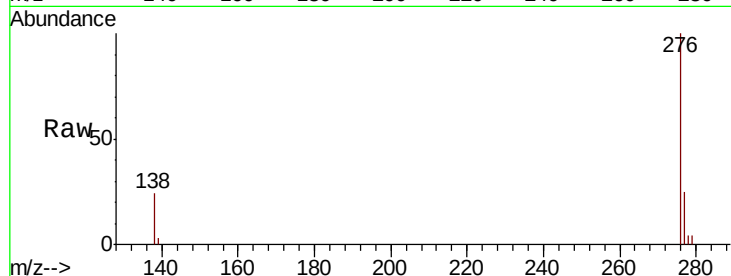
Tot Ion:276 Resp: 26567

Ion Ratio Lower Upper

276 100

277 25.4 20.4 30.6

138 23.6 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

