

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112519\
 Data File : BN008741.D
 Acq On : 25 Nov 2019 17:40
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 26 02:53:45 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	7.59	152	6127	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	22585	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	13678	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	28972	0.40	ng	0.00
27) Chrysene-d12	21.16	240	27521	0.40	ng	0.00
34) Perylene-d12	23.32	264	27245	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.23	112	7355	0.46	ng	0.00
5) Phenol-d6	6.78	99	9201	0.45	ng	0.00
8) Nitrobenzene-d5	8.72	82	9266	0.46	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	16186	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.70	330	2617	0.41	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	24795	0.46	ng	0.00
25) Fluoranthene-d10	18.99	212	37856	0.44	ng	0.00
29) Terphenyl-d14	19.61	244	30859	0.47	ng	0.00

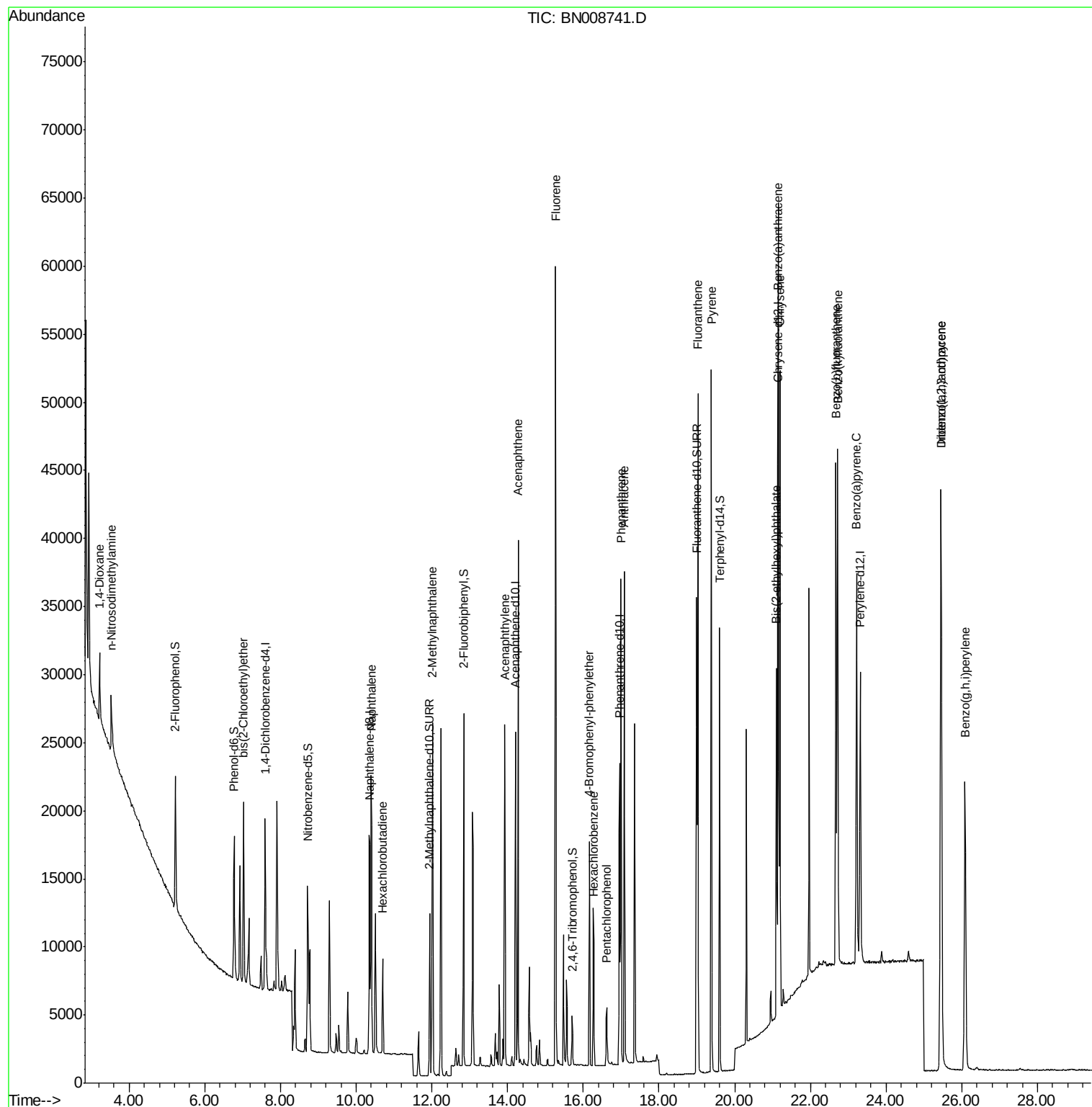
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	2871	0.443	ng	98
3) n-Nitrosodimethylamine	3.53	42	3639	0.453	ng	# 95
6) bis(2-Chloroethyl)ether	7.03	93	8744	0.460	ng	97
9) Naphthalene	10.39	128	27517	0.456	ng	99
10) Hexachlorobutadiene	10.70	225	5622	0.450	ng	# 99
12) 2-Methylnaphthalene	12.01	142	18979	0.452	ng	99
16) Acenaphthylene	13.93	152	28651	0.455	ng	100
17) Acenaphthene	14.28	154	18369	0.443	ng	99
18) Fluorene	15.27	166	24161	0.455	ng	99
20) 4-Bromophenyl-phenylether	16.16	248	8244	0.456	ng	97
21) Hexachlorobenzene	16.28	284	9021	0.453	ng	99
22) Pentachlorophenol	16.62	266	2573	0.361	ng	98
23) Phenanthrene	17.00	178	40715	0.456	ng	100
24) Anthracene	17.09	178	35970	0.450	ng	99
26) Fluoranthene	19.03	202	46489	0.443	ng	100
28) Pyrene	19.38	202	46685	0.460	ng	100
30) Benzo(a)anthracene	21.14	228	44580	0.443	ng	99
31) Chrysene	21.20	228	44994	0.461	ng	97
32) Bis(2-ethylhexyl)phthalate	21.10	149	20797	0.318	ng	98
33) Indeno(1,2,3-cd)pyrene	25.44	276	49177	0.452	ng	99
35) Benzo(b)fluoranthene	22.68	252	44232	0.469	ng	94
36) Benzo(k)fluoranthene	22.72	252	43863	0.459	ng	# 90
37) Benzo(a)pyrene	23.22	252	39563	0.454	ng	# 93
38) Dibenzo(a,h)anthracene	25.46	278	39880	0.463	ng	97
39) Benzo(g,h,i)perylene	26.09	276	40472	0.471	ng	98

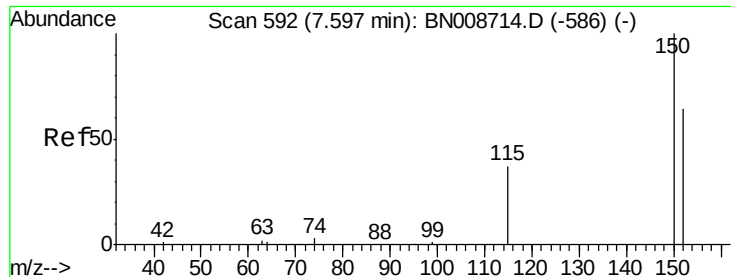
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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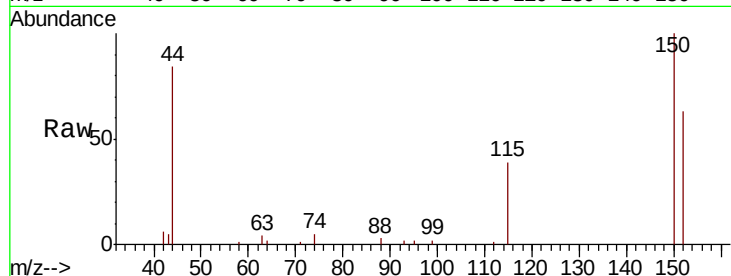


#1

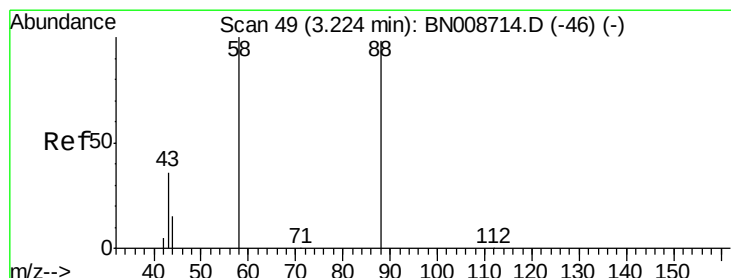
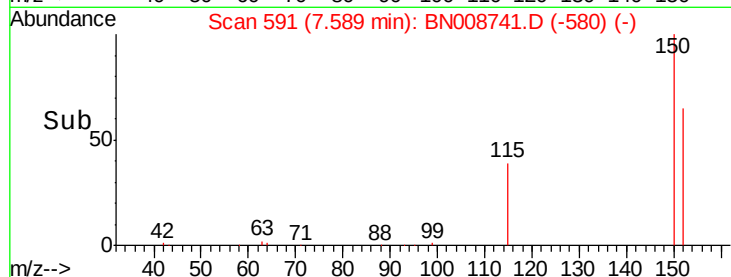
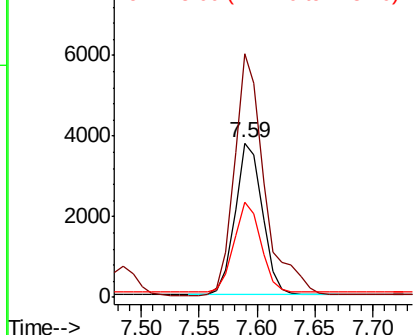
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. -0.01 min
Lab File: BN008741.D
Acq: 25 Nov 2019 17:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 6127
Ion Ratio Lower Upper
152 100
150 157.5 124.0 186.0
115 61.7 49.8 74.8



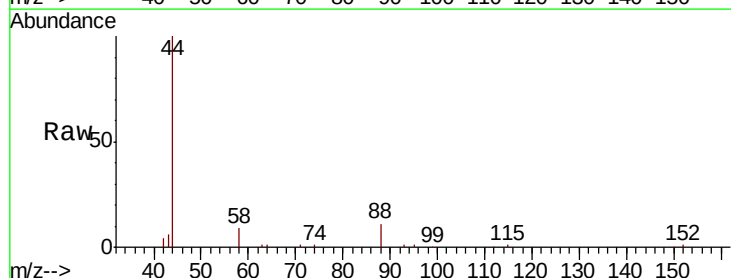
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



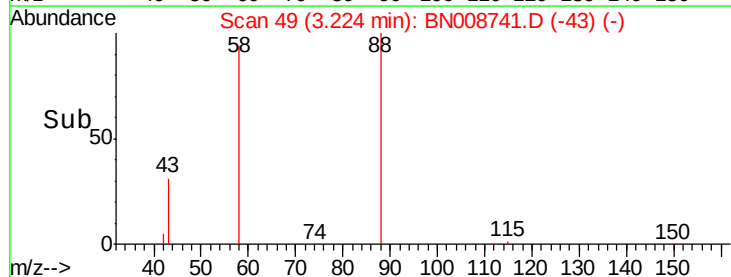
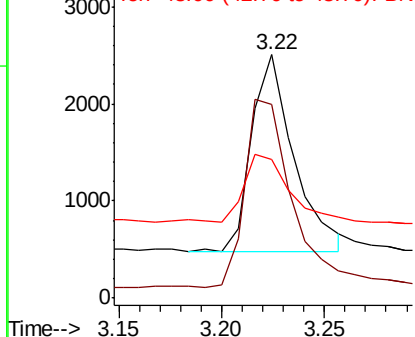
#2

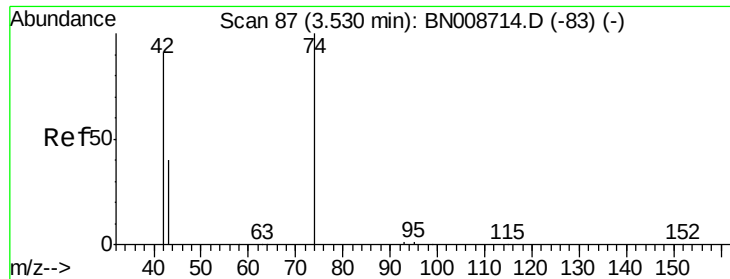
1,4-Dioxane
Concen: 0.443 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008741.D
Acq: 25 Nov 2019 17:40

Tgt Ion: 88 Resp: 2871
Ion Ratio Lower Upper
88 100
58 105.5 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: 0.453 ng

RT: 3.53 min Scan# 87

Delta R.T. 0.00 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

Instrument :

BNA_N

ClientSampleId :

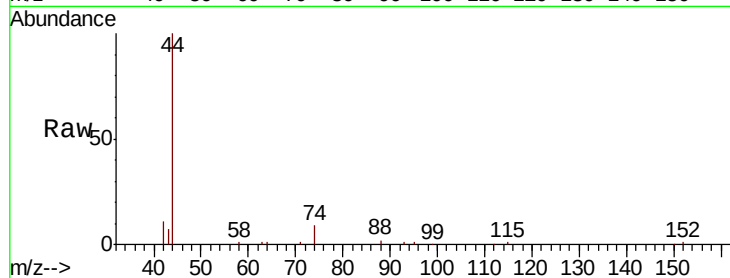
Tot Ion: 42 Resp: 3639

Ion Ratio Lower Upper

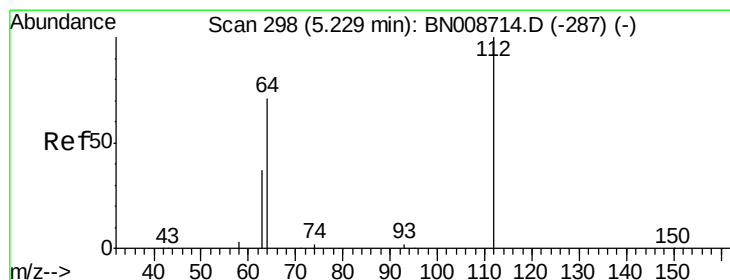
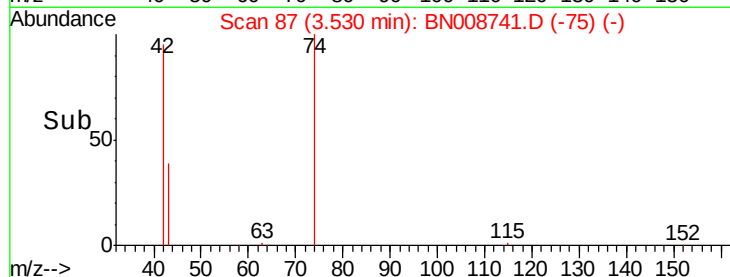
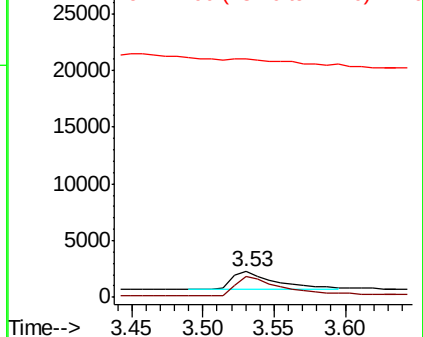
42 100

74 104.2 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: 0.458 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

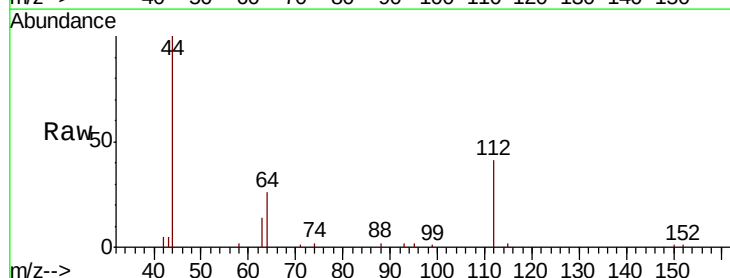
Tgt Ion: 112 Resp: 7355

Ion Ratio Lower Upper

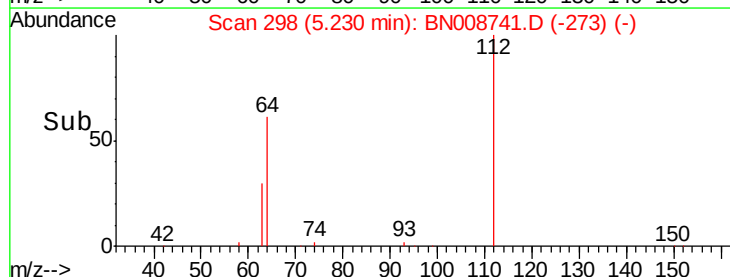
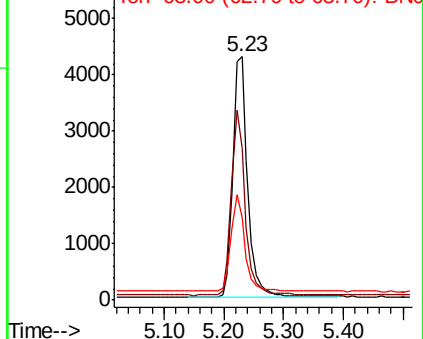
112 100

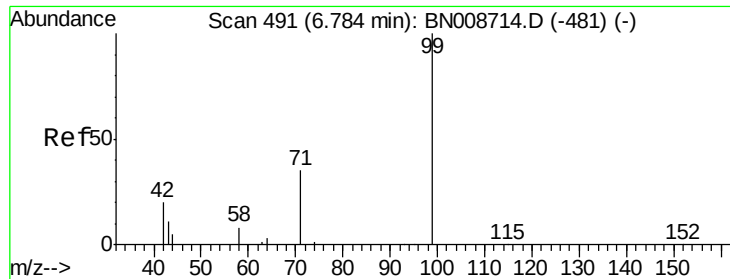
64 71.9 57.1 85.7

63 37.1 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: 0.454 ng

RT: 6.78 min Scan# 490

Delta R.T. -0.01 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

Instrument :

BNA_N

ClientSampleId :

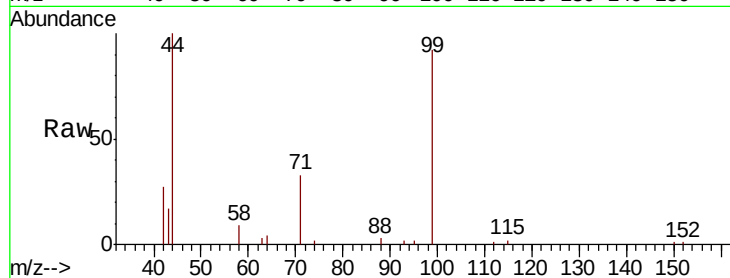
Tot Ion: 99 Resp: 9201

Ion Ratio Lower Upper

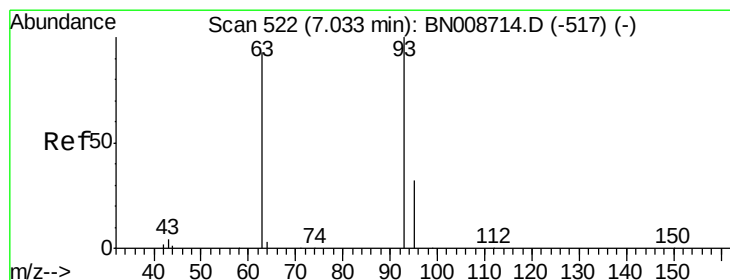
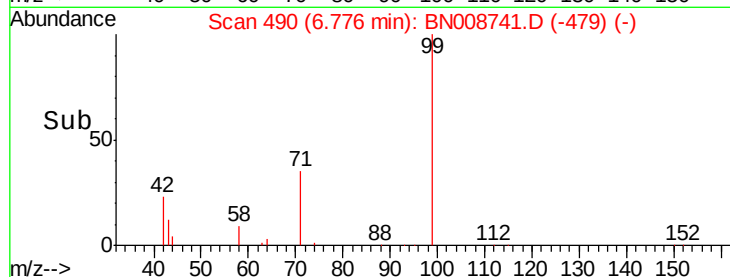
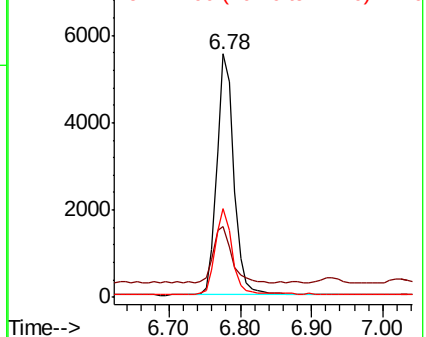
99 100

42 25.1 19.4 29.2

71 35.3 27.5 41.3



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



#6

bis(2-Chloroethyl)ether

Concen: 0.460 ng

RT: 7.03 min Scan# 521

Delta R.T. -0.01 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

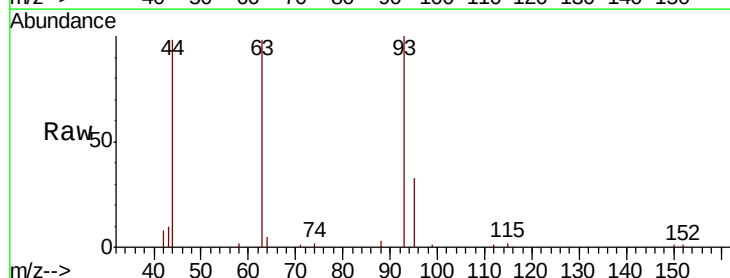
Tgt Ion: 93 Resp: 8744

Ion Ratio Lower Upper

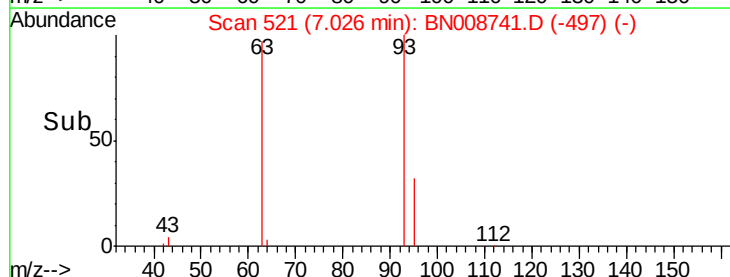
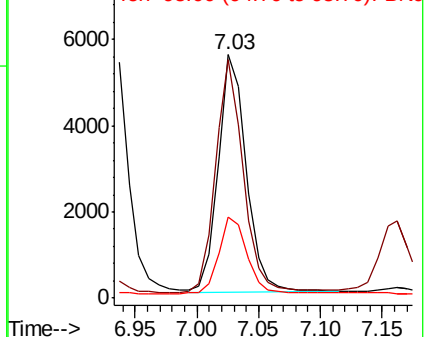
93 100

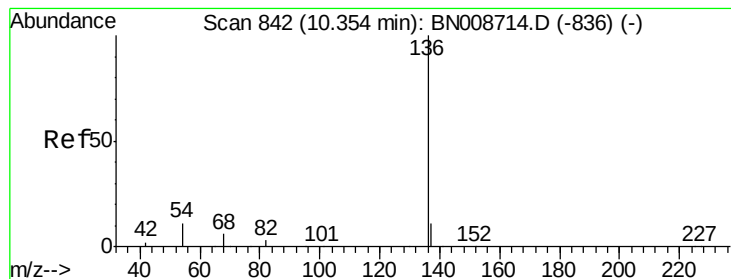
63 96.8 74.2 111.4

95 32.8 26.2 39.2



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 22585

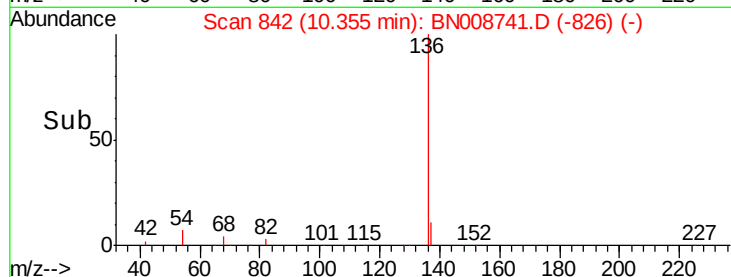
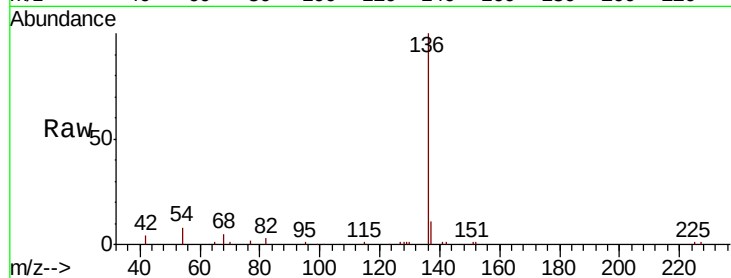
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.2 9.4 14.2#

68 5.0 5.8 8.6#

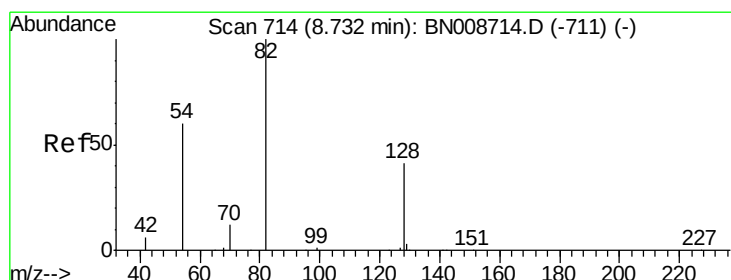
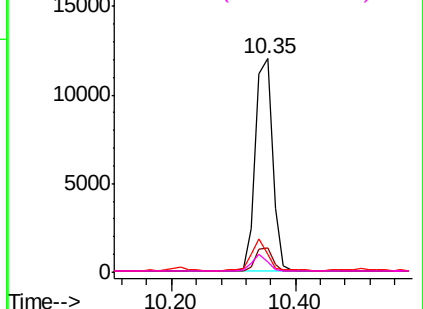


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.457 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

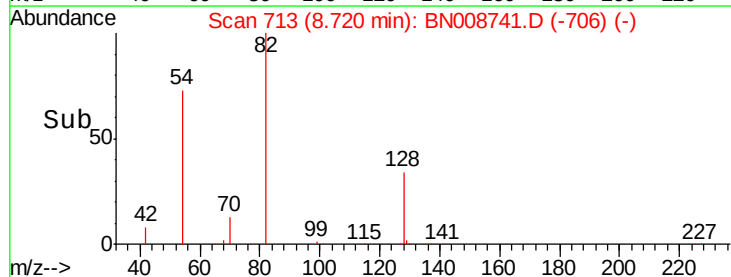
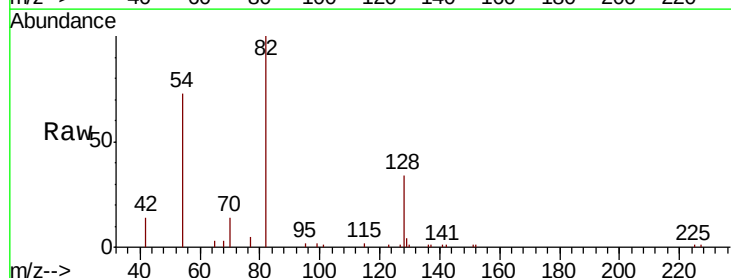
Tgt Ion: 82 Resp: 9266

Ion Ratio Lower Upper

82 100

128 34.2 34.6 52.0#

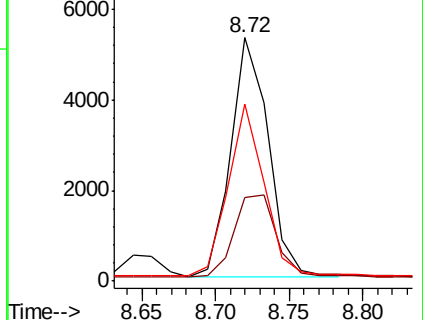
54 72.5 50.2 75.4

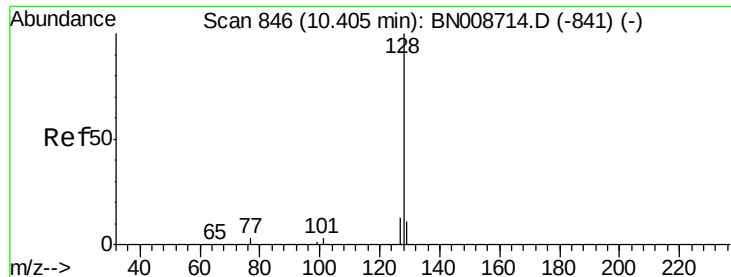


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.456 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.01 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

Instrument :

BNA_N

ClientSampleId :

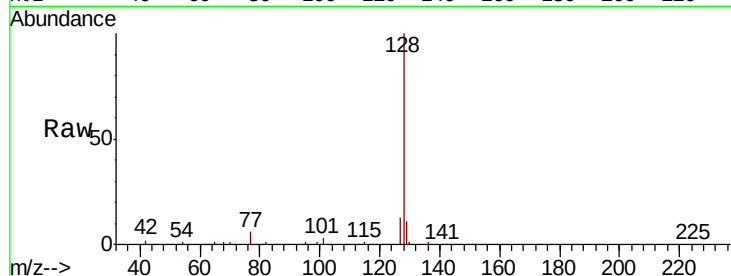
Tot Ion:128 Resp: 27517

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

127 13.5 10.5 15.7

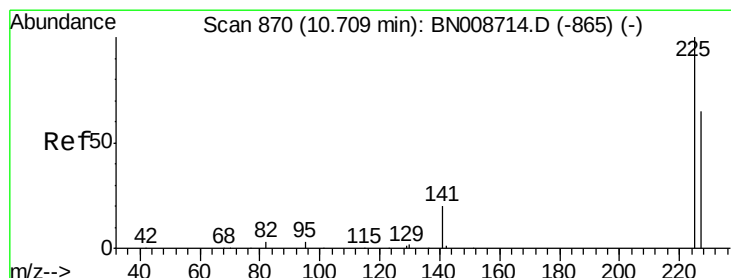
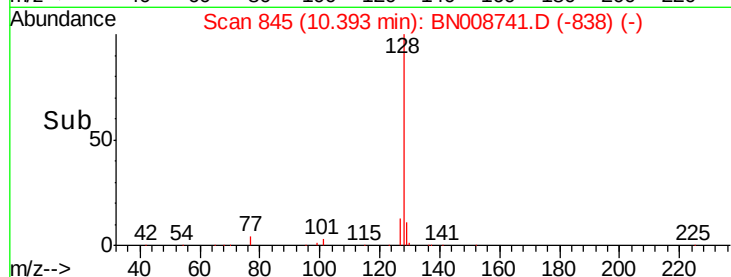
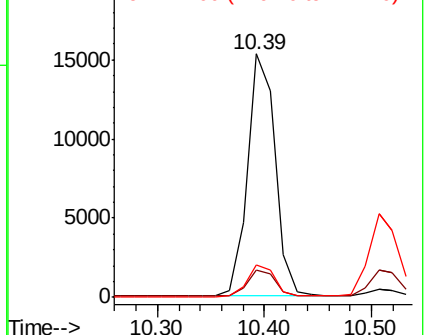


Abundance

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: 0.450 ng

RT: 10.70 min Scan# 869

Delta R.T. -0.01 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

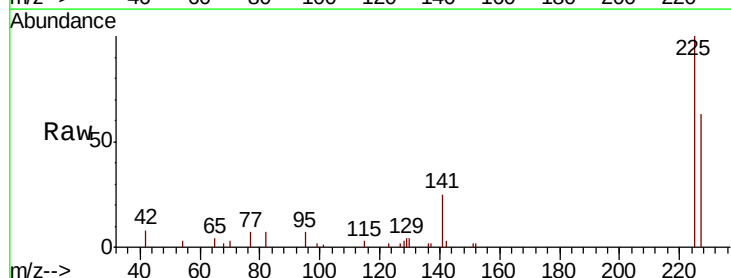
Tgt Ion:225 Resp: 5622

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.2 51.8 77.6

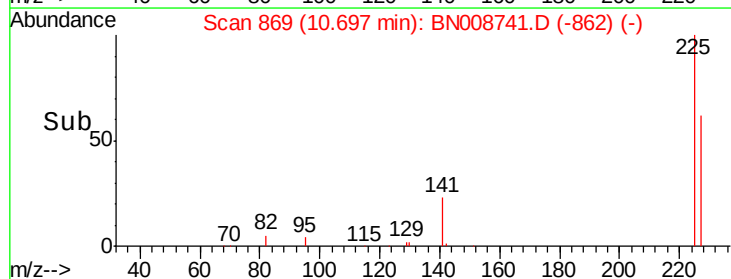
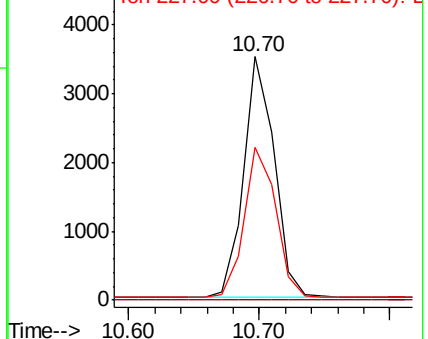


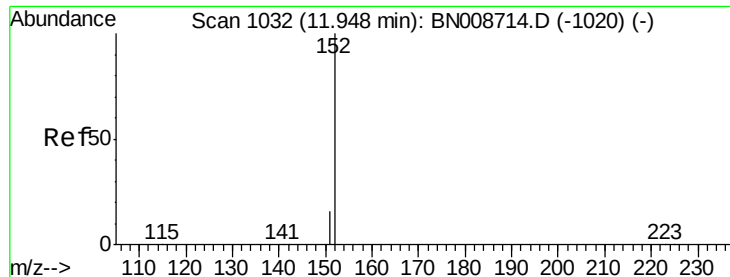
Abundance

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

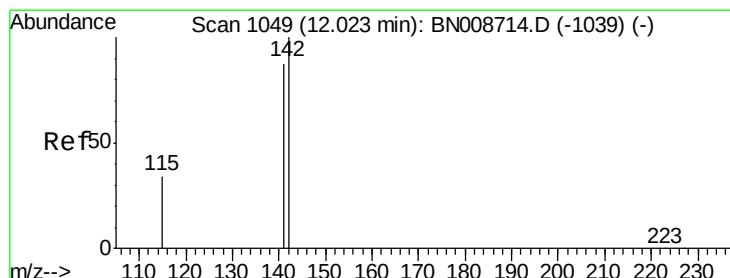
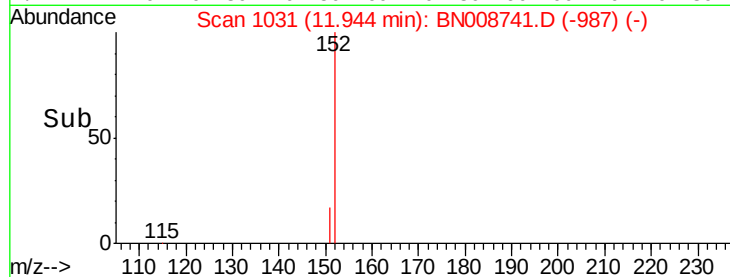
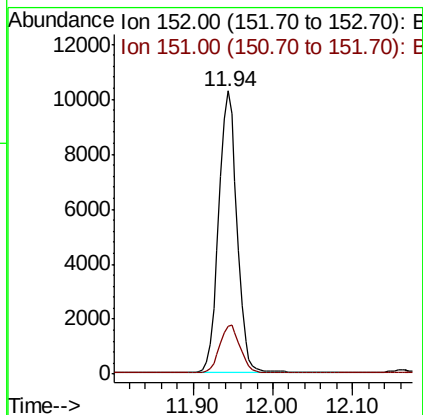
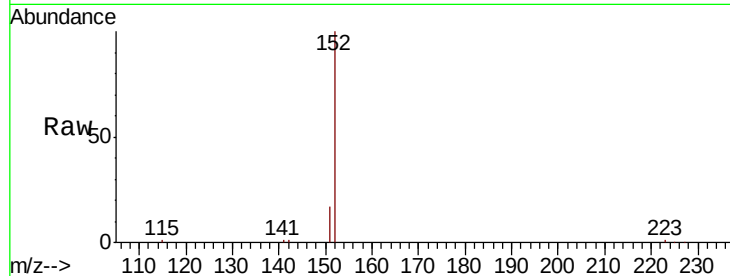




#11
 2-Methylnaphthalene-d10
 Concen: 0.454 ng
 RT: 11.94 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BN008741.D
 Acq: 25 Nov 2019 17:40

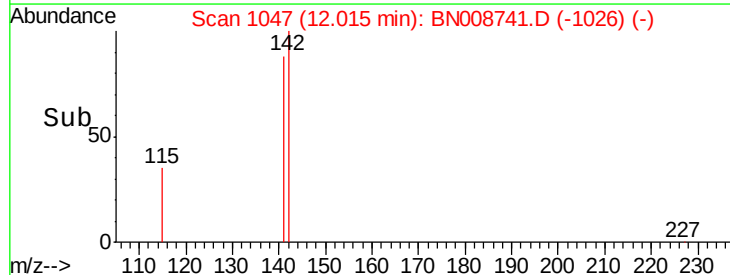
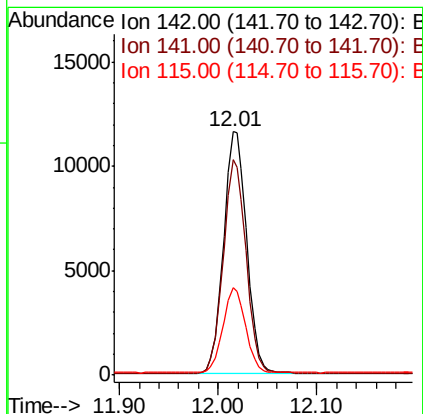
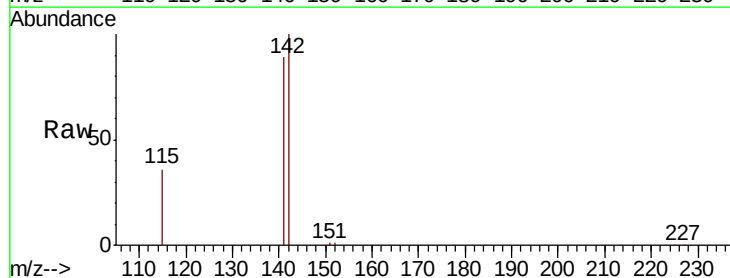
Instrument :
 BNA_N
 ClientSampleId :

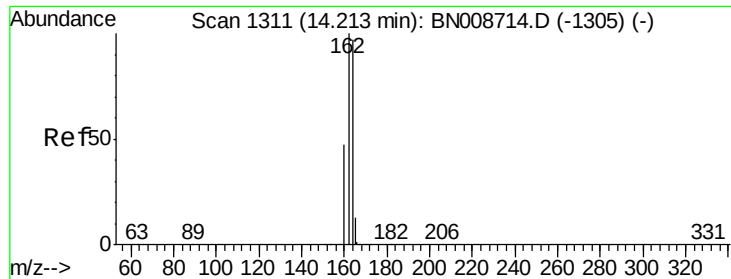
Tot Ion:152 Resp: 16186
 Ion Ratio Lower Upper
 152 100
 151 18.7 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.452 ng
 RT: 12.01 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BN008741.D
 Acq: 25 Nov 2019 17:40

Tgt Ion:142 Resp: 18979
 Ion Ratio Lower Upper
 142 100
 141 88.5 69.8 104.6
 115 36.0 28.4 42.6

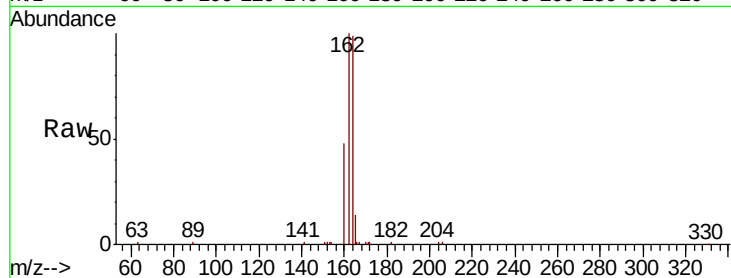




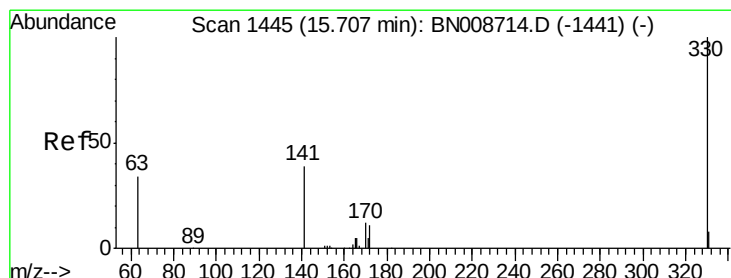
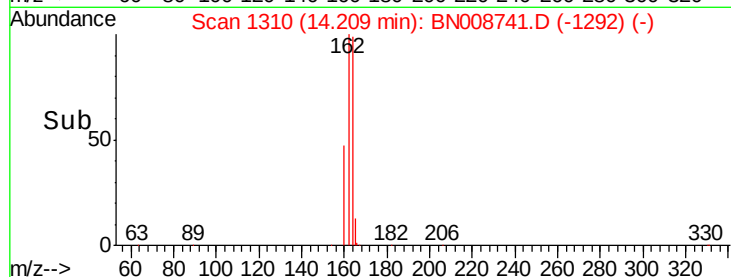
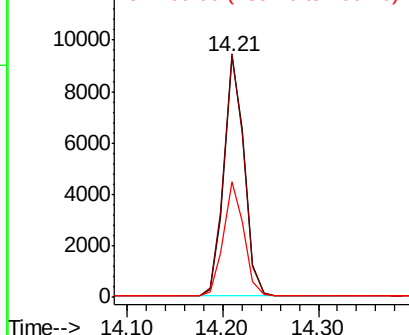
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN008741.D
Acq: 25 Nov 2019 17:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 13678
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.4
160 48.2 38.7 58.1

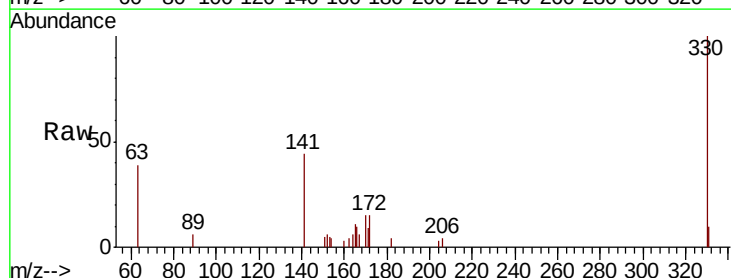


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

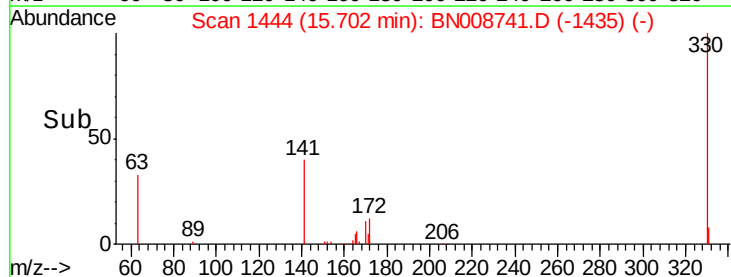
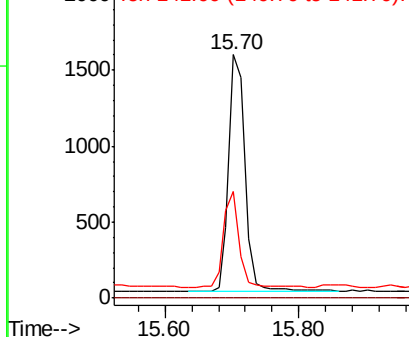


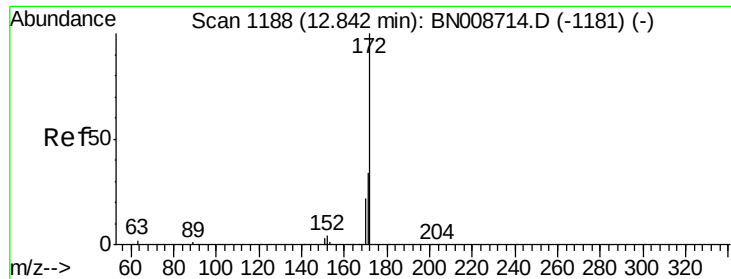
#14
2,4,6-Tribromophenol
Concen: 0.411 ng
RT: 15.70 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN008741.D
Acq: 25 Nov 2019 17:40

Tgt Ion:330 Resp: 2617
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.3 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

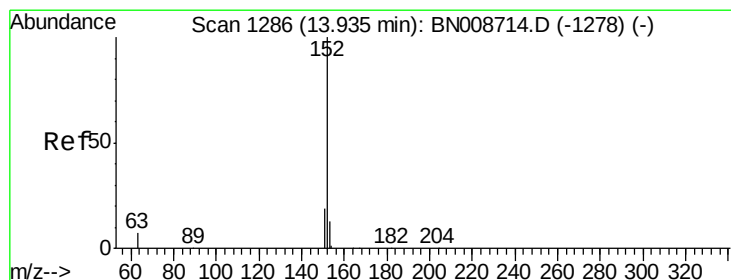
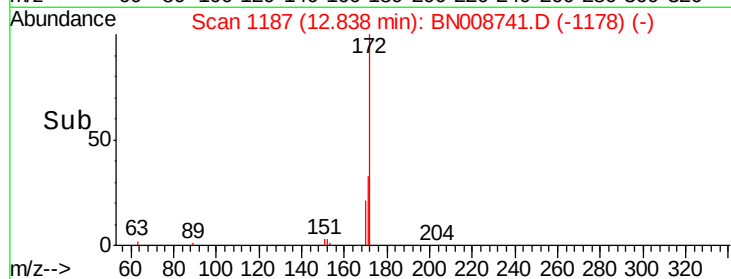
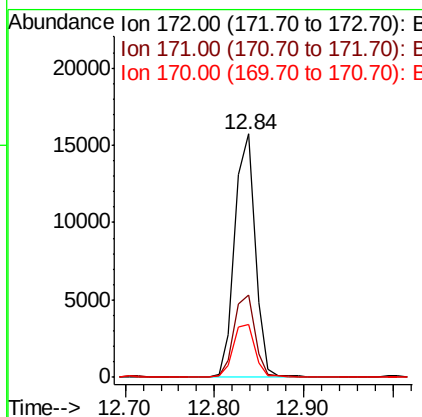
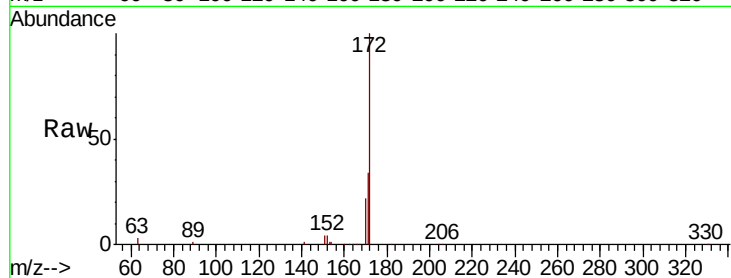




#15
2-Fluorobiphenyl
Concen: 0.464 ng
RT: 12.84 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN008741.D
Acq: 25 Nov 2019 17:40

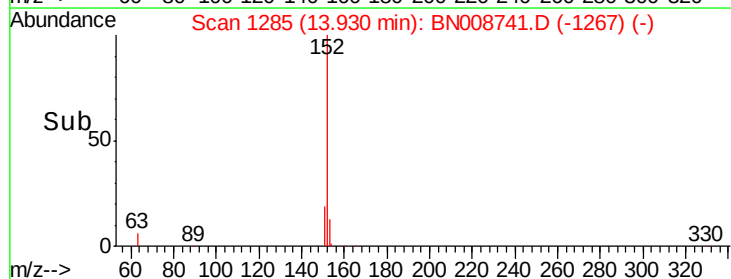
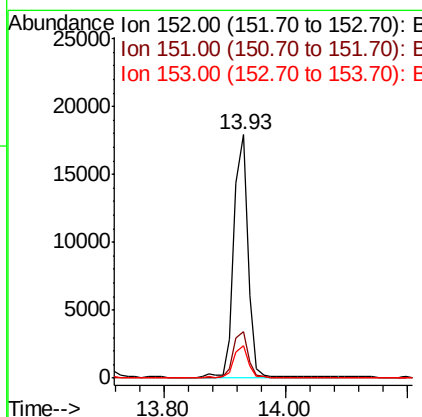
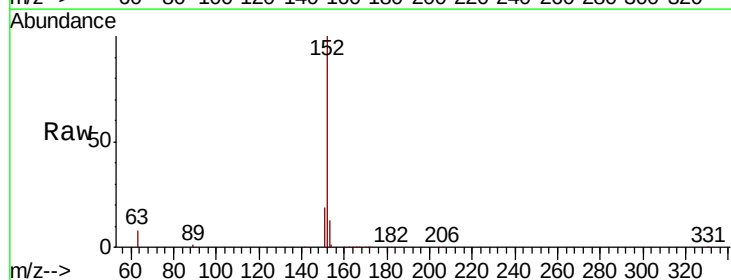
Instrument :
BNA_N
ClientSampleId :

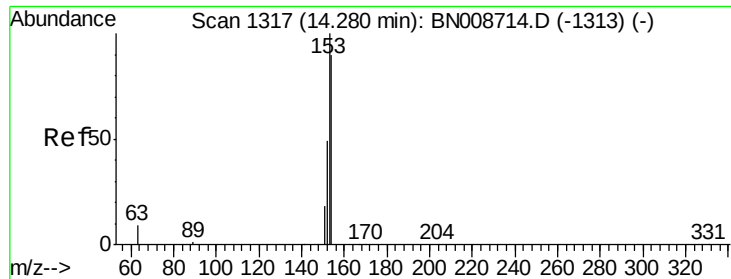
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.3	40.9
170	21.6	17.8	26.6



#16
Acenaphthylene
Concen: 0.455 ng
RT: 13.93 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BN008741.D
Acq: 25 Nov 2019 17:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3
153	13.0	10.3	15.5





#17

Acenaphthene

Concen: 0.443 ng

RT: 14.28 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

Instrument :

BNA_N

ClientSampleId :

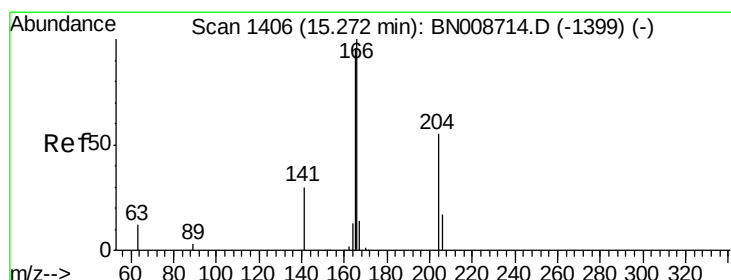
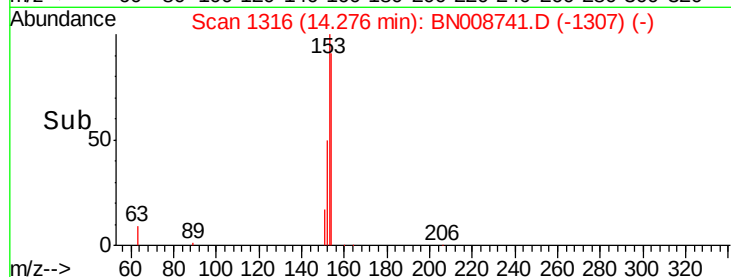
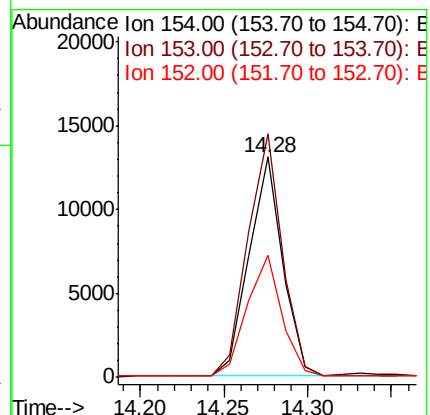
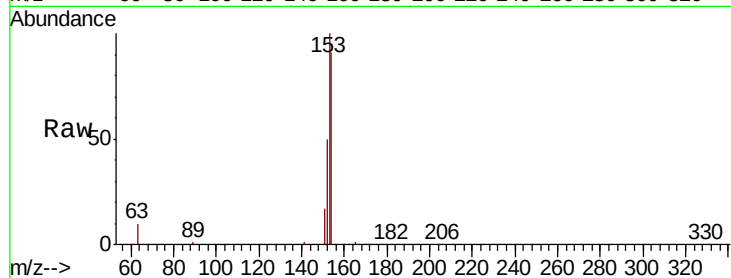
Tot Ion:154 Resp: 18369

Ion Ratio Lower Upper

154 100

153 112.6 89.6 134.4

152 57.3 44.7 67.1



#18

Fluorene

Concen: 0.455 ng

RT: 15.27 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

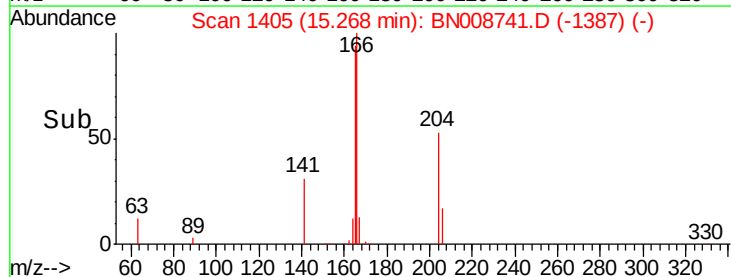
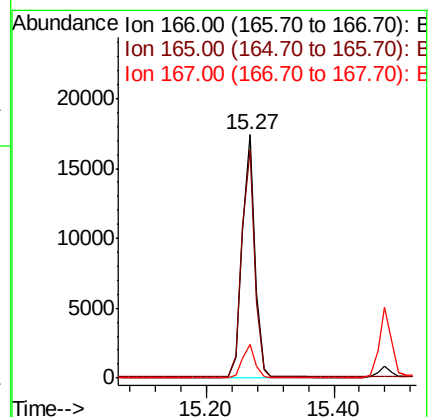
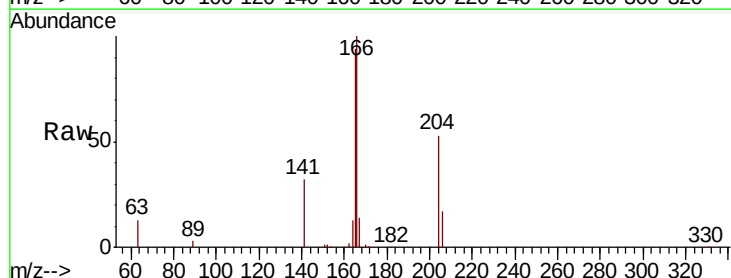
Tgt Ion:166 Resp: 24161

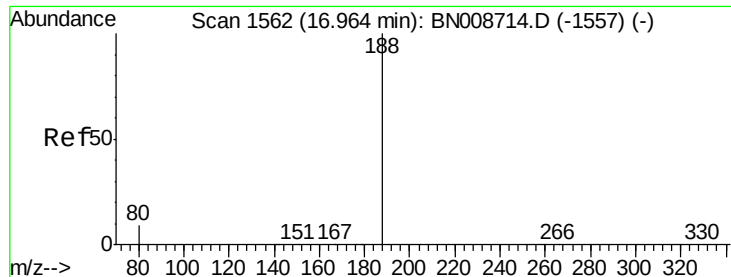
Ion Ratio Lower Upper

166 100

165 95.9 77.7 116.5

167 13.4 10.8 16.2

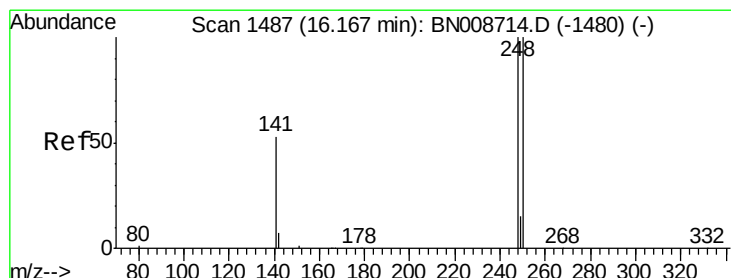
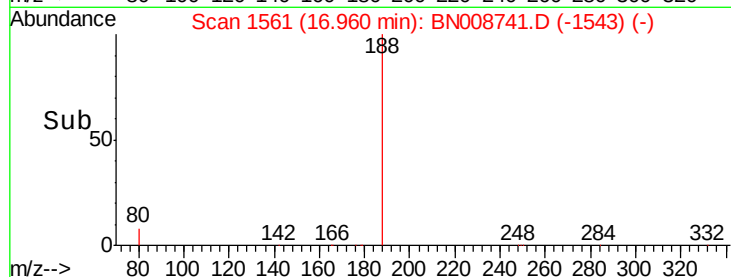
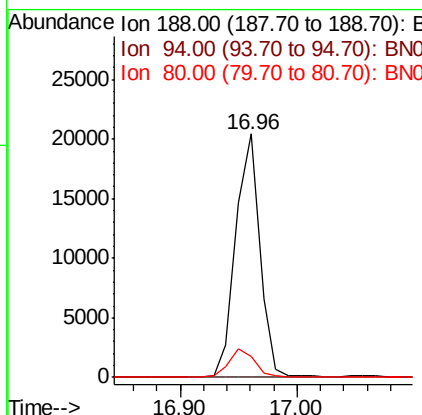
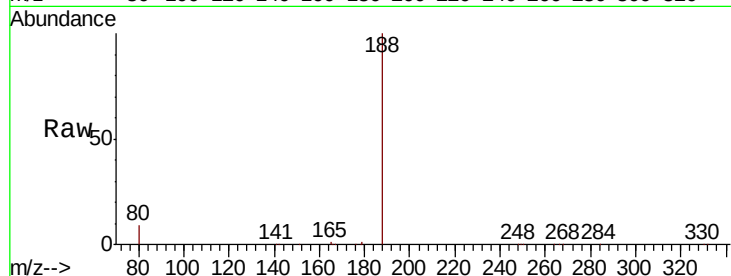




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.96 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BN008741.D
Acq: 25 Nov 2019 17:40

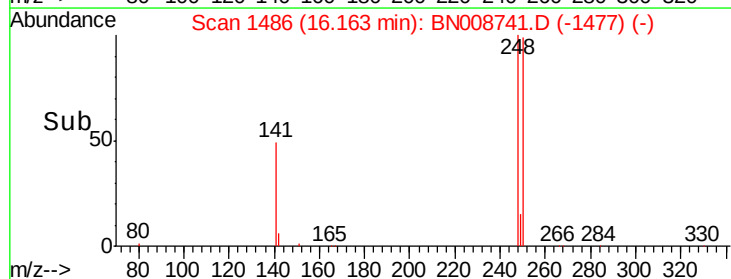
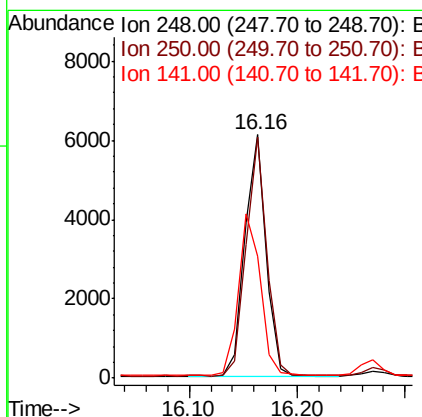
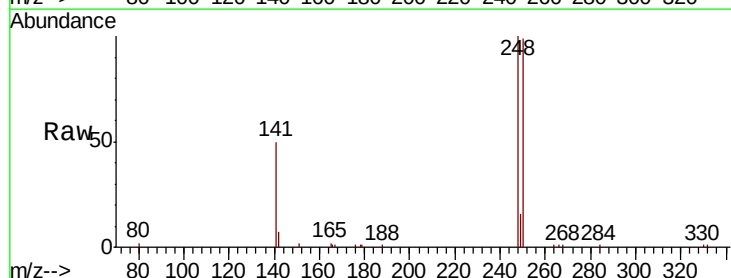
Instrument :
BNA_N
ClientSampleId :

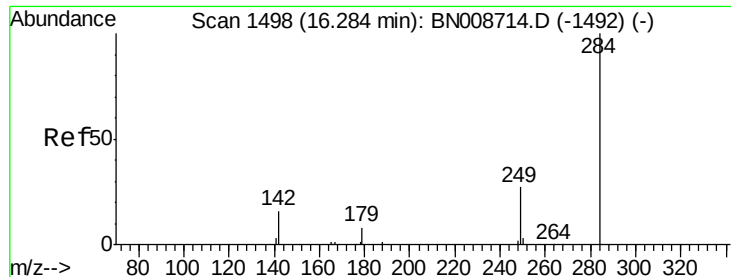
Tot Ion:188 Resp: 28972
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.4 11.0



#20
4-Bromophenyl-phenylether
Concen: 0.456 ng
RT: 16.16 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BN008741.D
Acq: 25 Nov 2019 17:40

Tgt Ion:248 Resp: 8244
Ion Ratio Lower Upper
248 100
250 99.1 80.5 120.7
141 50.1 43.8 65.6





#21

Hexachlorobenzene

Concen: 0.453 ng

RT: 16.28 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

Instrument :

BNA_N

ClientSampleId :

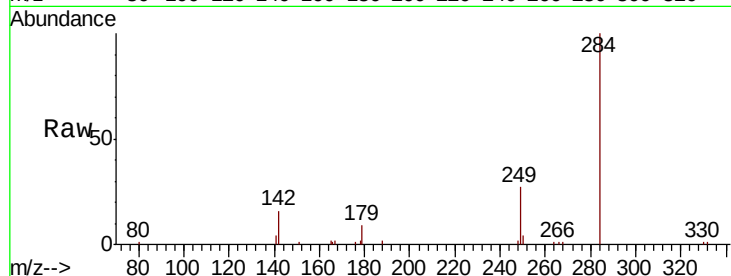
Tot Ion:284 Resp: 9021

Ion Ratio Lower Upper

284 100

142 35.7 27.4 41.0

249 31.7 25.4 38.0

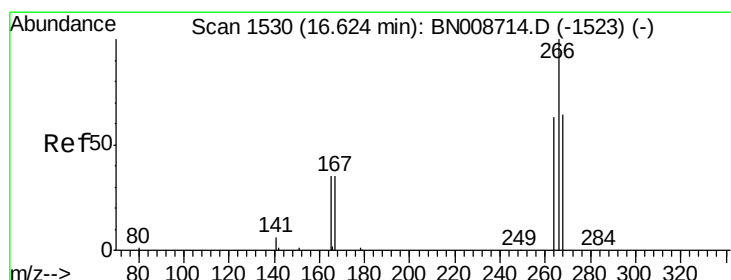
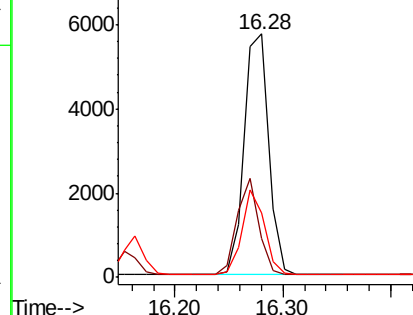
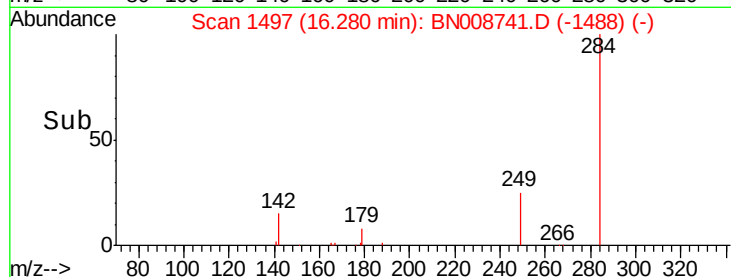


Abundance

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: 0.361 ng

RT: 16.62 min Scan# 1529

Delta R.T. -0.00 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

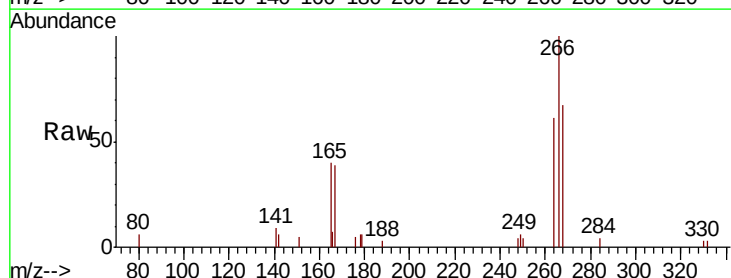
Tgt Ion:266 Resp: 2573

Ion Ratio Lower Upper

266 100

264 61.1 51.0 76.4

268 67.0 54.1 81.1

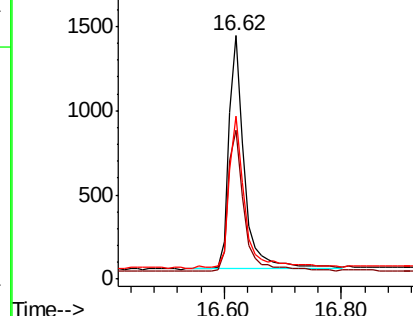
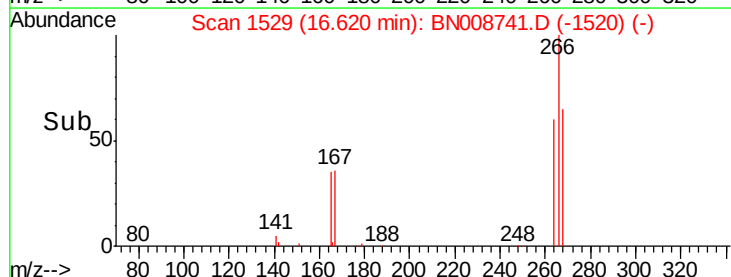


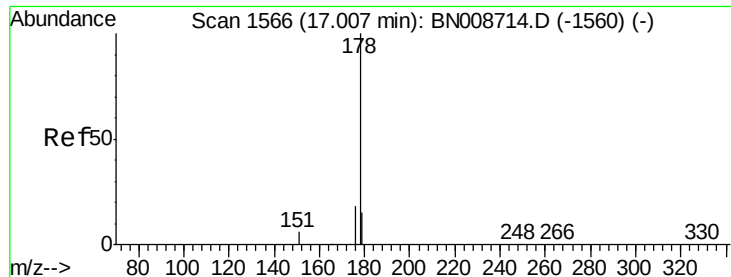
Abundance

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: 0.456 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

Instrument :

BNA_N

ClientSampleId :

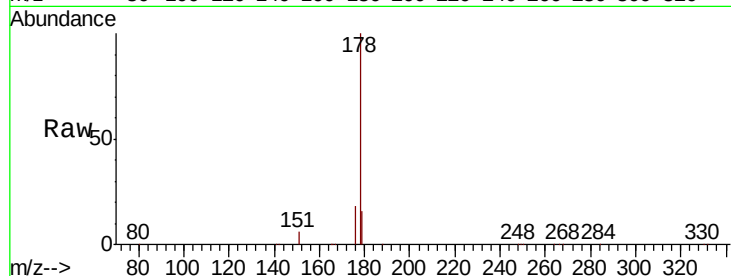
Tot Ion:178 Resp: 40715

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

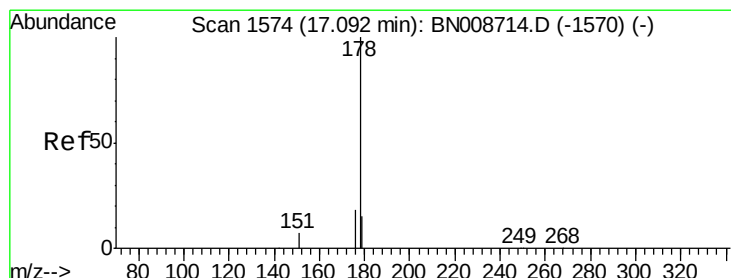
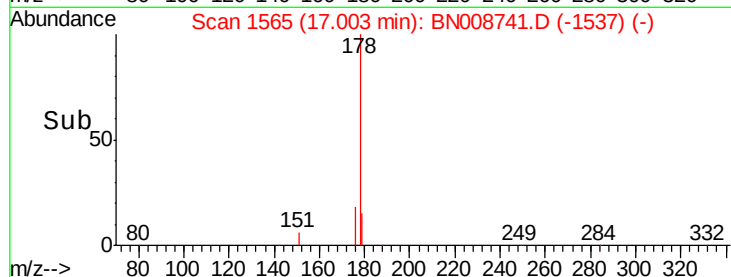
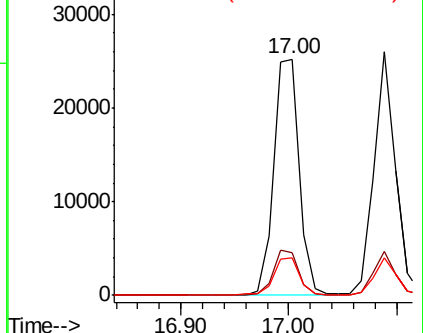
179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.450 ng

RT: 17.09 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

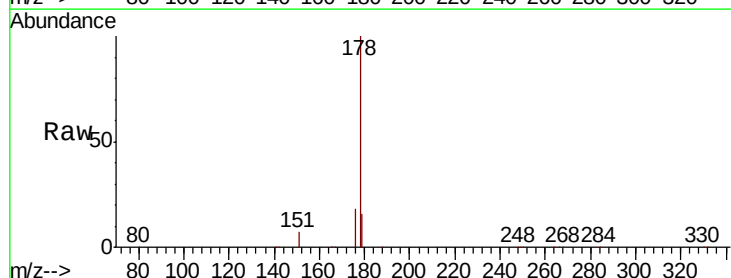
Tgt Ion:178 Resp: 35970

Ion Ratio Lower Upper

178 100

176 17.7 14.4 21.6

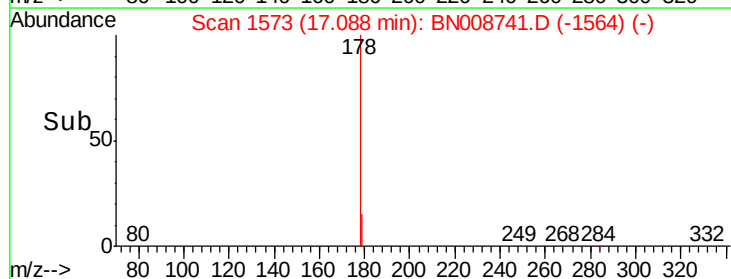
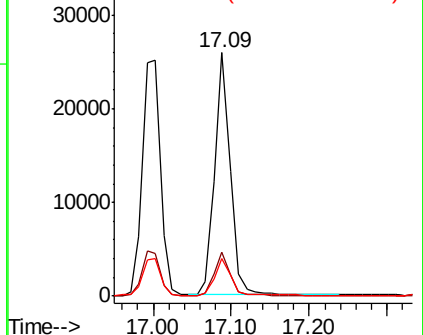
179 15.2 12.0 18.0

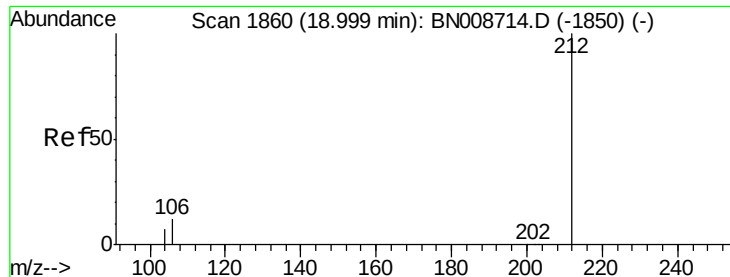


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.445 ng

RT: 18.99 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

Instrument :

BNA_N

ClientSampleId :

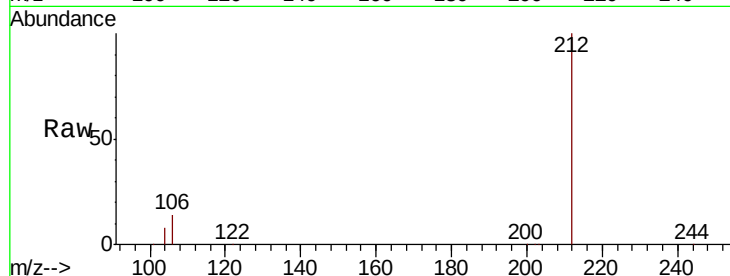
Tot Ion:212 Resp: 37856

Ion Ratio Lower Upper

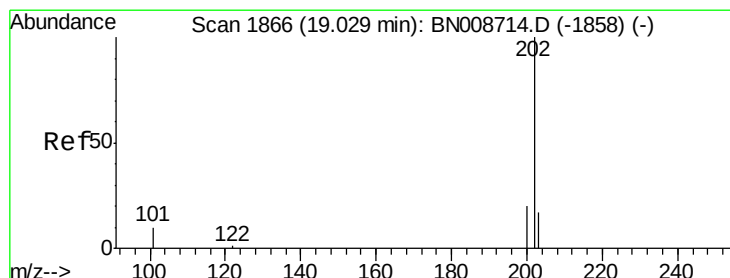
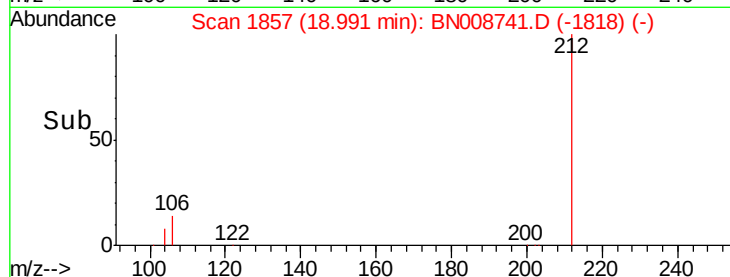
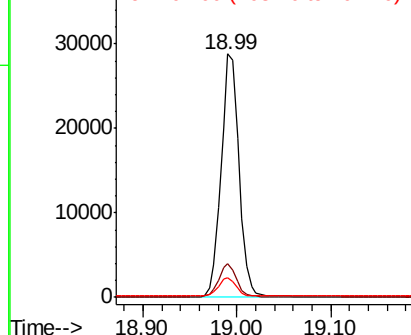
212 100

106 13.3 10.6 15.8

104 7.5 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: 0.443 ng

RT: 19.03 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

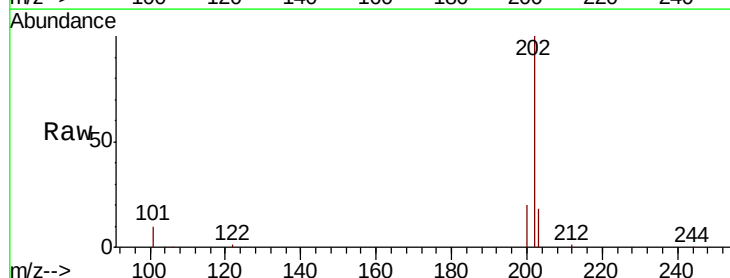
Tgt Ion:202 Resp: 46489

Ion Ratio Lower Upper

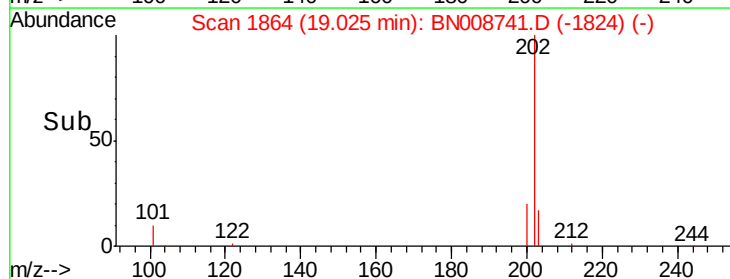
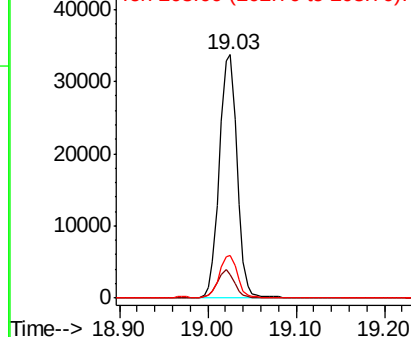
202 100

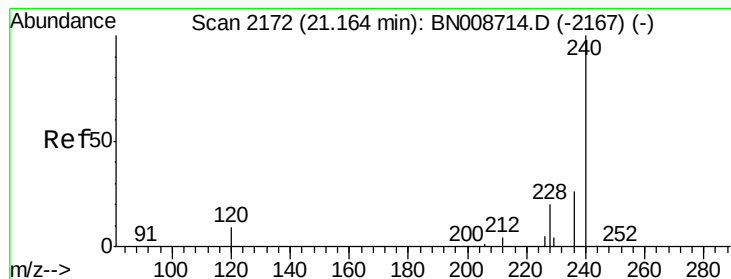
101 11.2 9.0 13.4

203 17.2 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# 2170

Delta R.T. -0.01 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

Instrument :

BNA_N

ClientSampleId :

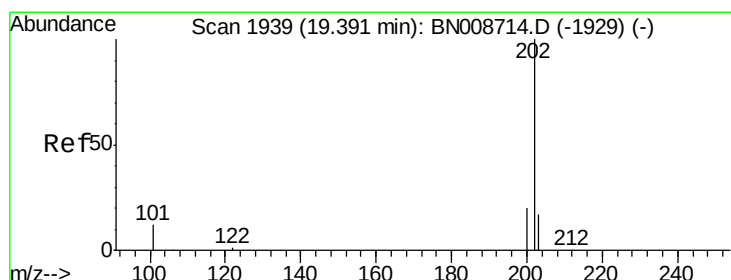
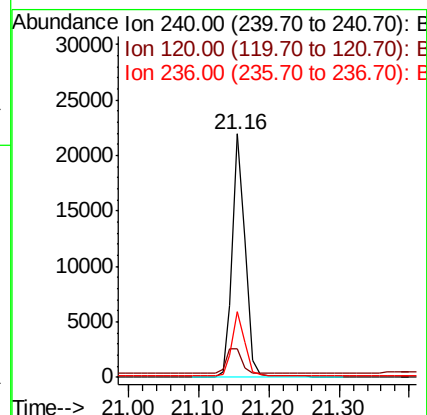
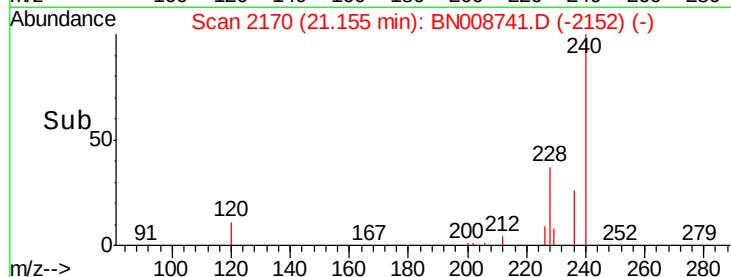
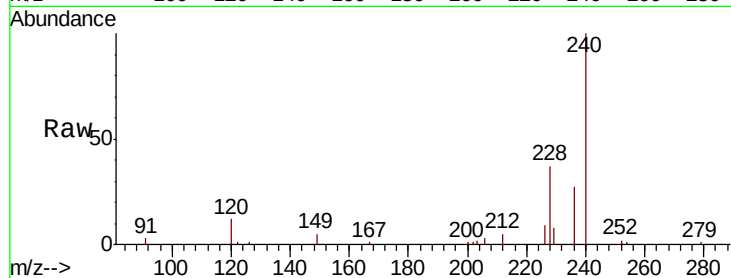
Tot Ion:240 Resp: 27521

Ion Ratio Lower Upper

240 100

120 12.0 9.0 13.4

236 26.9 21.8 32.6



#28

Pyrene

Concen: 0.460 ng

RT: 19.38 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

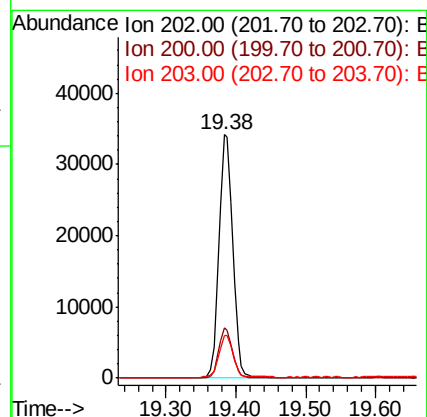
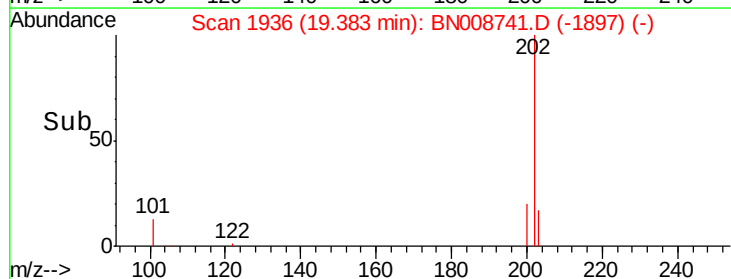
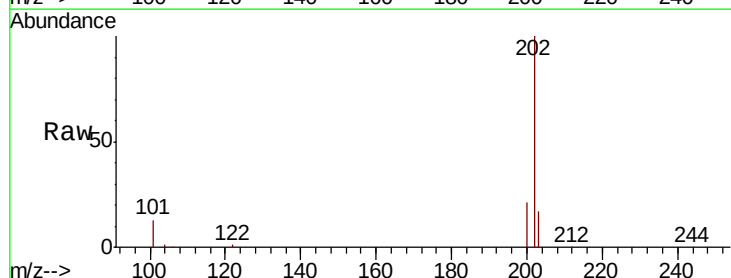
Tgt Ion:202 Resp: 46685

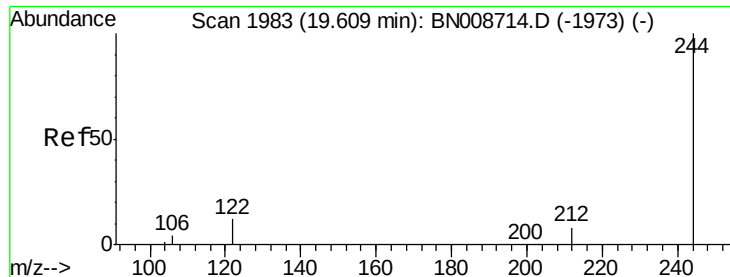
Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

203 17.5 14.0 21.0





#29

Terphenyl-d14

Concen: 0.466 ng

RT: 19.61 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

Instrument :

BNA_N

ClientSampleId :

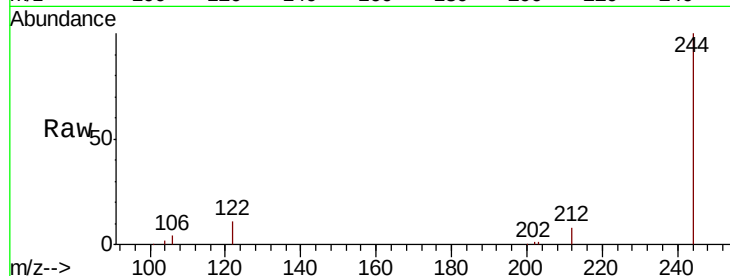
Tot Ion:244 Resp: 30859

Ion Ratio Lower Upper

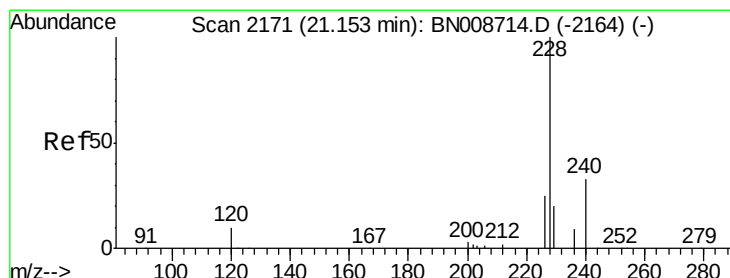
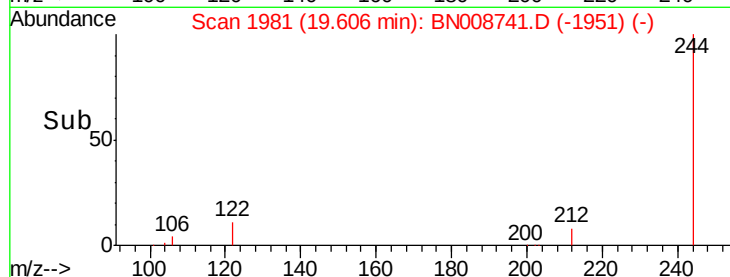
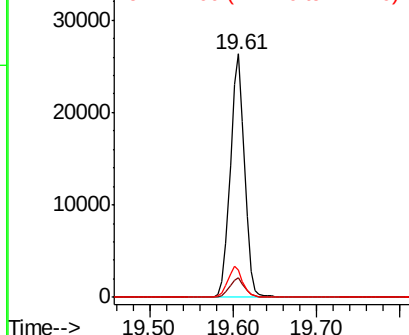
244 100

212 7.9 6.6 9.8

122 11.5 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: 0.443 ng

RT: 21.14 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

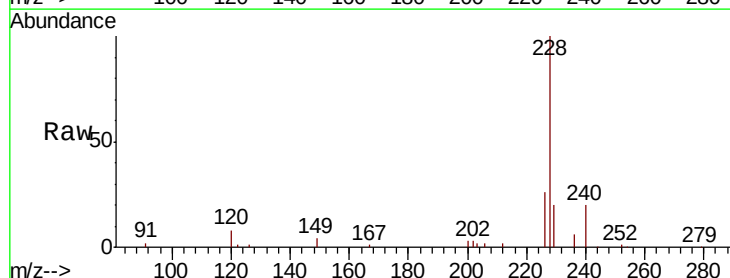
Tgt Ion:228 Resp: 44580

Ion Ratio Lower Upper

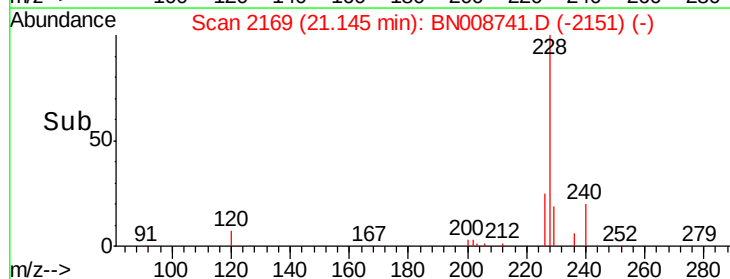
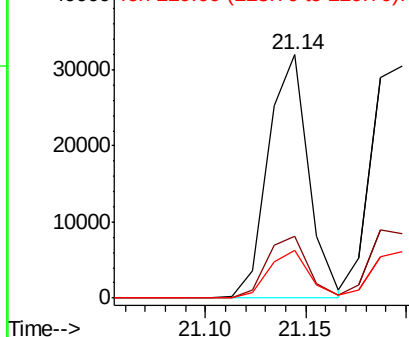
228 100

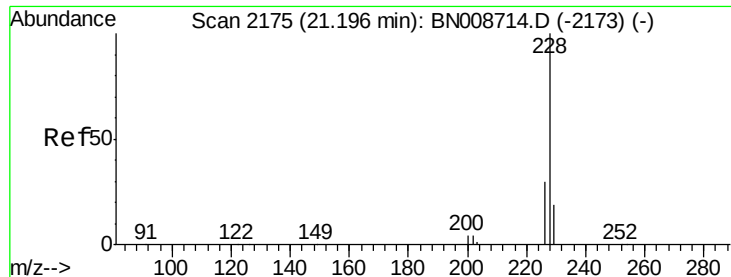
226 25.5 20.3 30.5

229 19.7 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

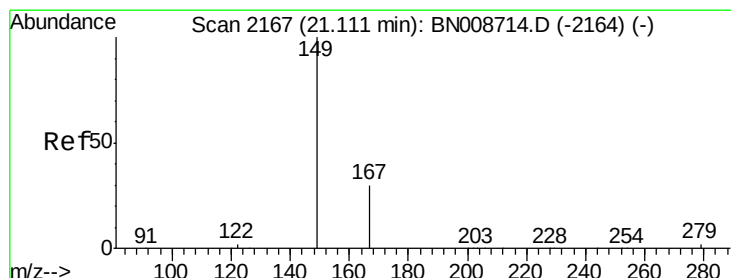
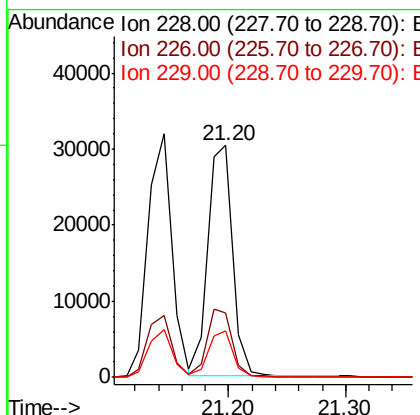
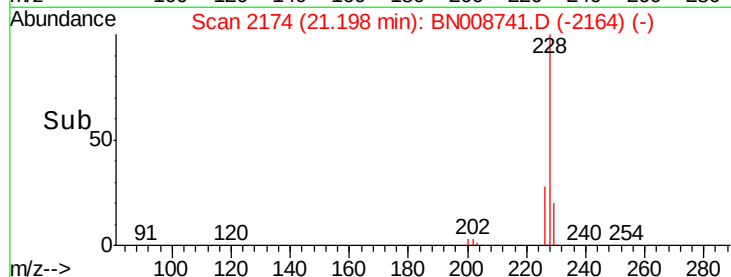
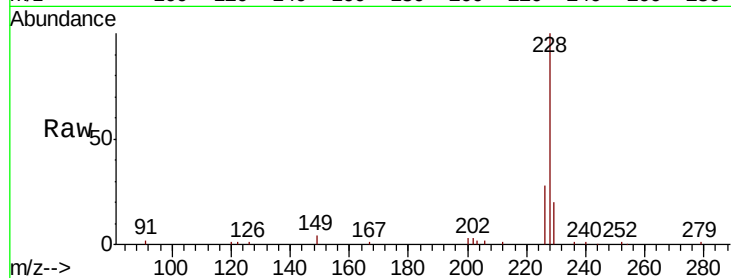




#31
 Chrysene
 Concen: 0.461 ng
 RT: 21.20 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BN008741.D
 Acq: 25 Nov 2019 17:40

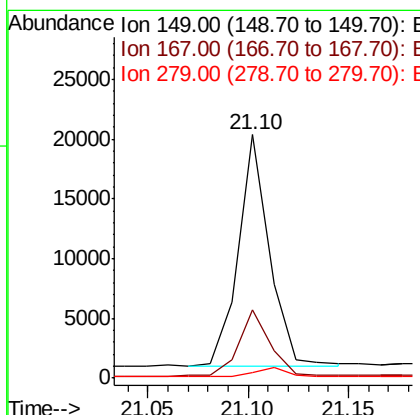
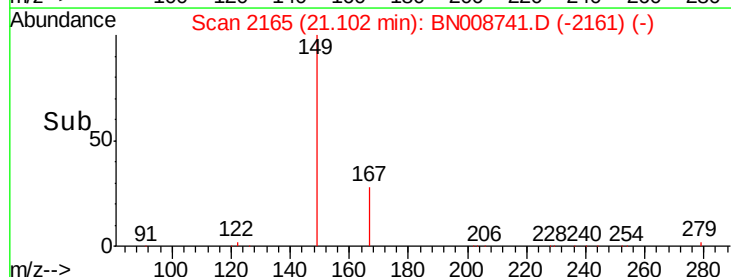
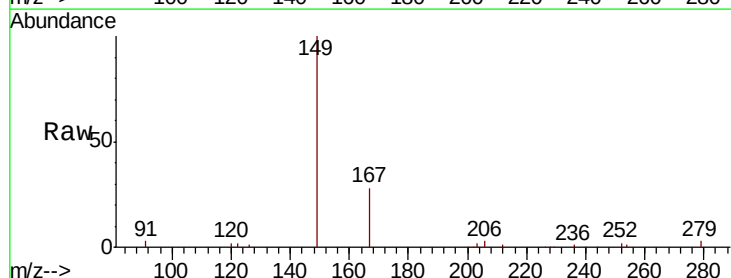
Instrument :
 BNA_N
 ClientSampleId :

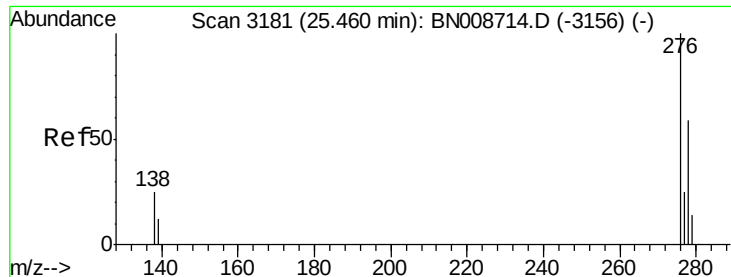
Tot Ion:228 Resp: 44994
 Ion Ratio Lower Upper
 228 100
 226 27.9 23.8 35.8
 229 20.2 15.4 23.0



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.318 ng
 RT: 21.10 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BN008741.D
 Acq: 25 Nov 2019 17:40

Tgt Ion:149 Resp: 20797
 Ion Ratio Lower Upper
 149 100
 167 28.1 23.5 35.3
 279 4.0 3.4 5.0





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.452 ng

RT: 25.44 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

Instrument :

BNA_N

ClientSampleId :

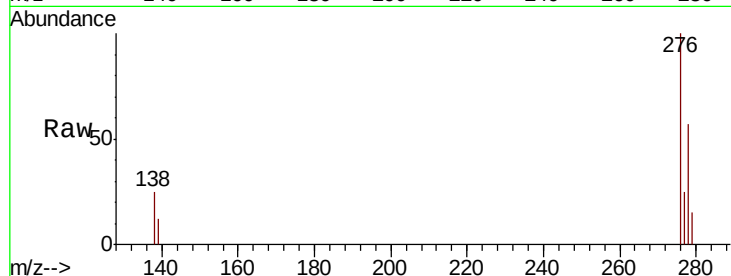
Tot Ion:276 Resp: 49177

Ion Ratio Lower Upper

276 100

138 25.6 21.0 31.6

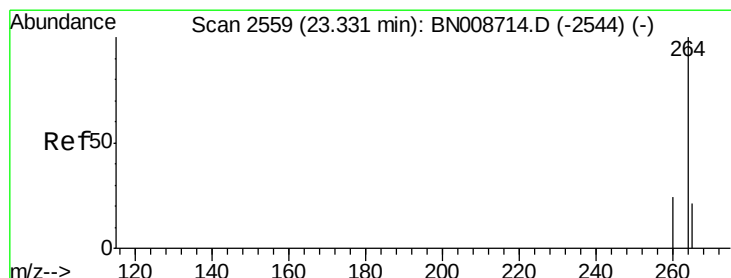
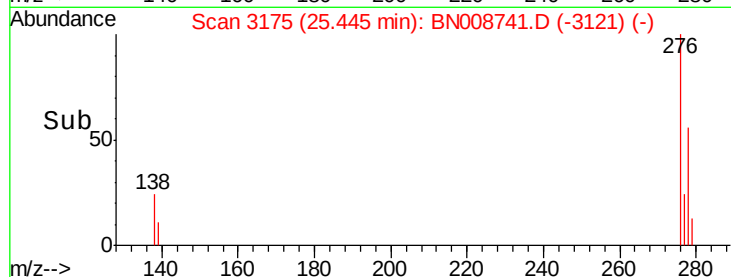
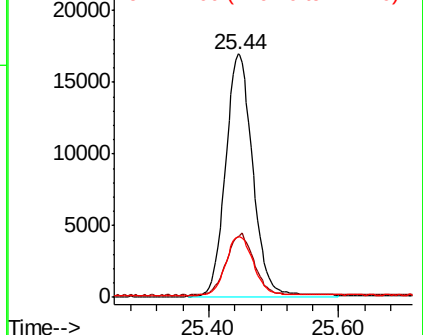
277 24.7 19.9 29.9



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# 2553

Delta R.T. -0.02 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

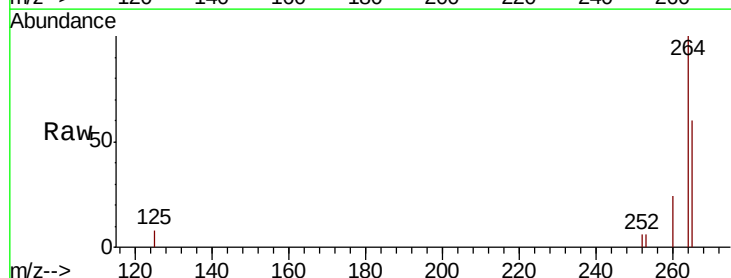
Tgt Ion:264 Resp: 27245

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

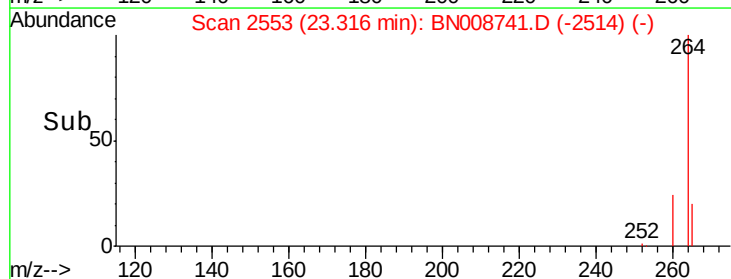
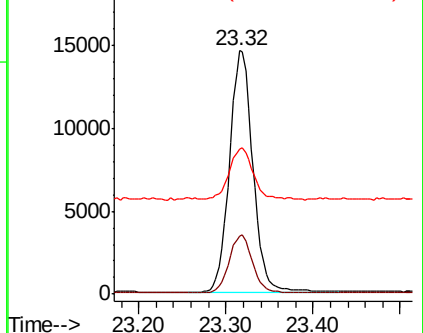
265 59.8 61.8 92.6#

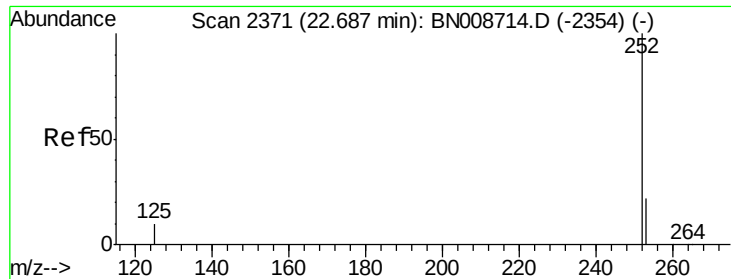


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.469 ng

RT: 22.68 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

Instrument :

BNA_N

ClientSampleId :

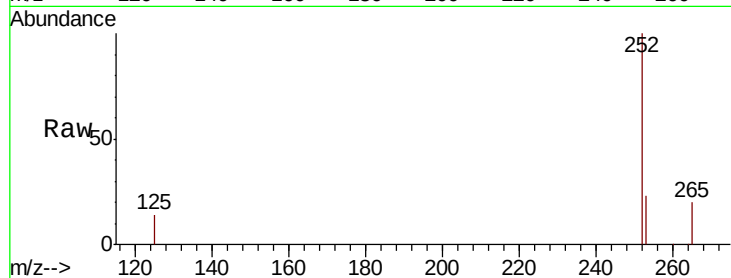
Tot Ion:252 Resp: 44232

Ion Ratio Lower Upper

252 100

253 23.5 20.8 31.2

125 13.8 13.5 20.3

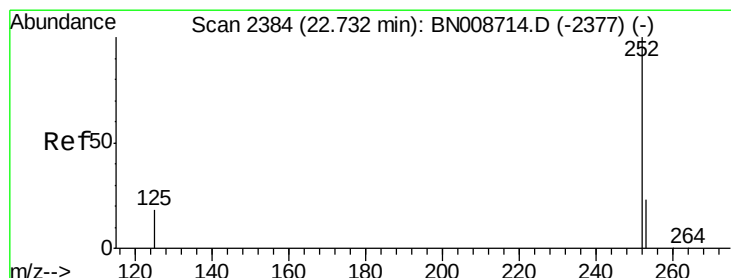
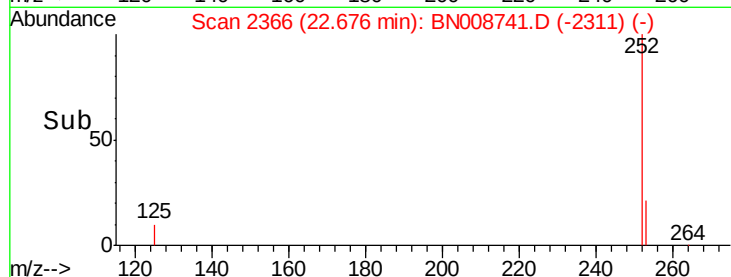
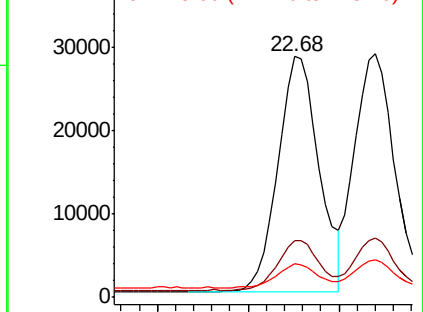


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 0.459 ng

RT: 22.72 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

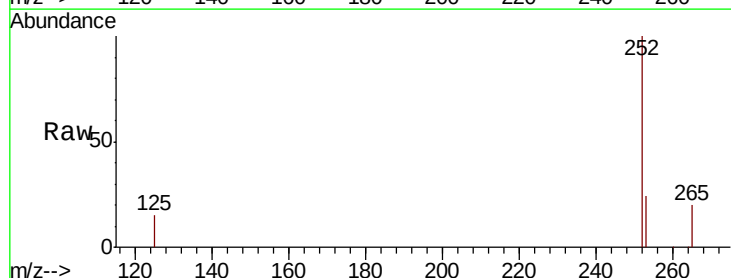
Tgt Ion:252 Resp: 43863

Ion Ratio Lower Upper

252 100

253 24.1 21.8 32.6

125 15.2 18.2 27.4#

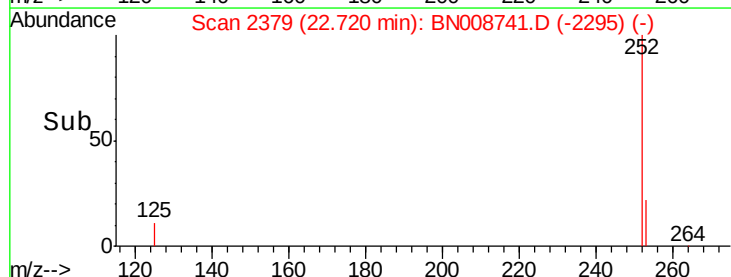
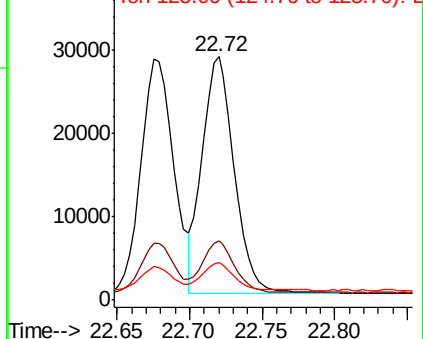


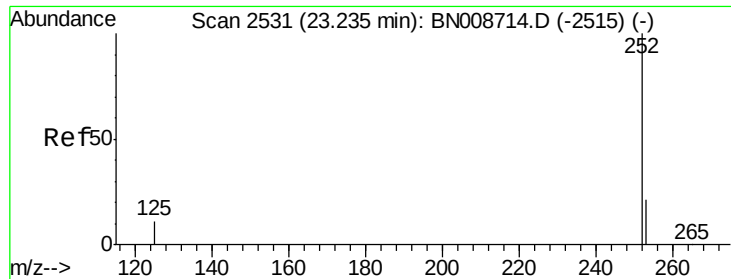
Abundance

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

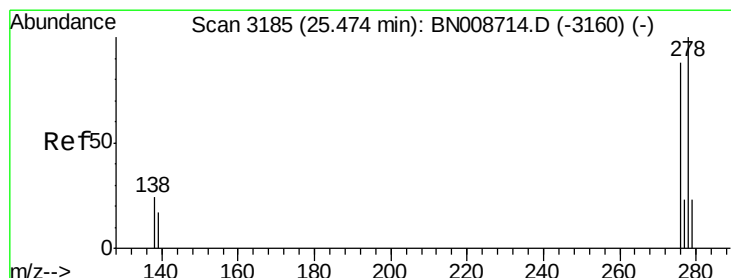
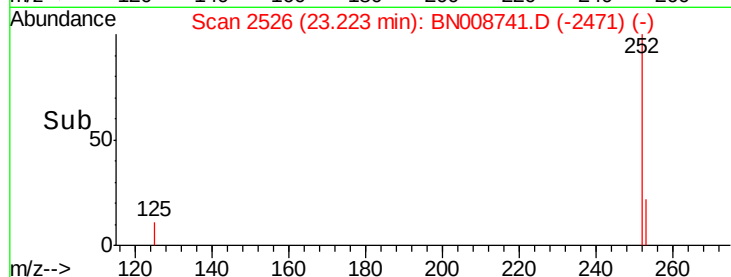
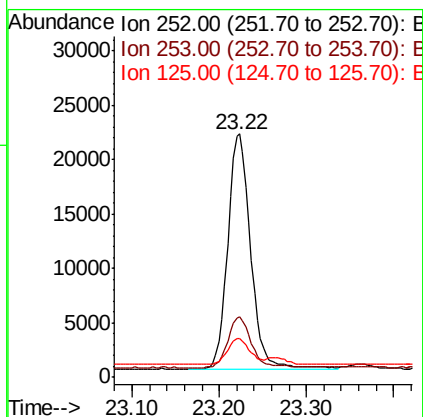
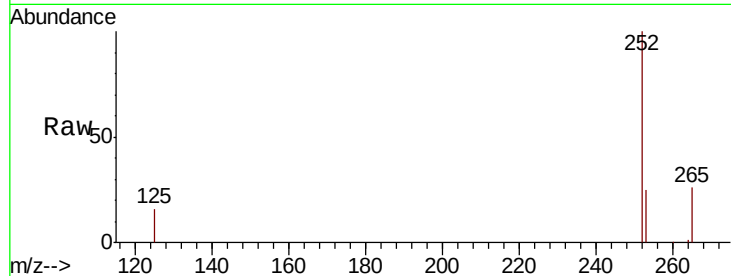




#37
Benzo(a)pyrene
Concen: 0.454 ng
RT: 23.22 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BN008741.D
Acq: 25 Nov 2019 17:40

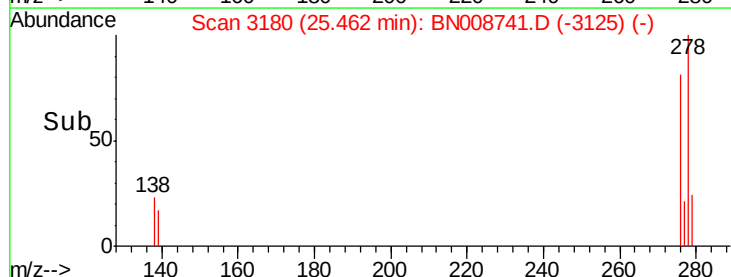
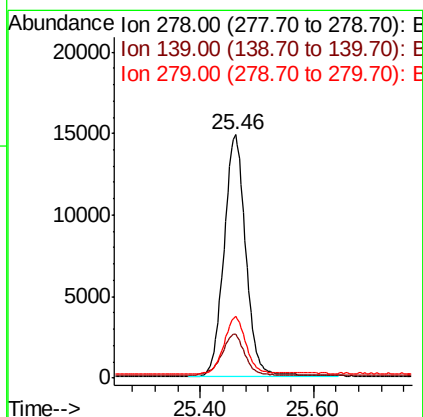
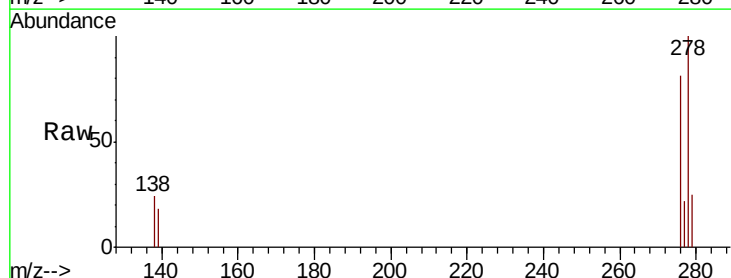
Instrument :
BNA_N
ClientSampleId :

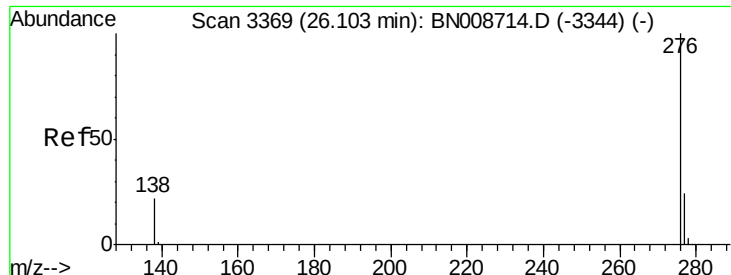
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	21.9	32.9
125	15.8	16.3	24.5#



#38
Dibenzo(a,h)anthracene
Concen: 0.463 ng
RT: 25.46 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BN008741.D
Acq: 25 Nov 2019 17:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	15.4	23.2
279	25.3	21.3	31.9





#39

Benzo(a,h,i)perylene

Concen: 0.471 ng

RT: 26.09 min Scan# 3363

Delta R.T. -0.02 min

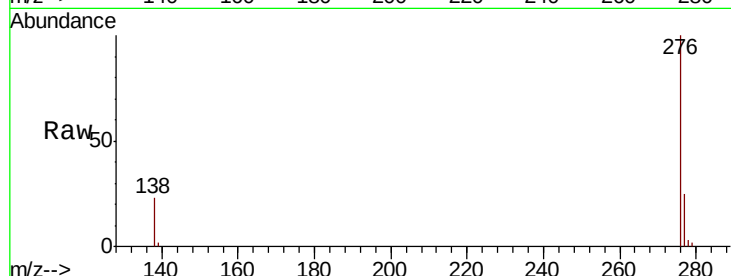
Lab File: BN008741.D

Acq: 25 Nov 2019 17:40

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 40472

Ion Ratio Lower Upper

276 100

277 24.7 20.4 30.6

138 22.7 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

