

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112219\
 Data File : BN008718.D
 Acq On : 22 Nov 2019 22:47
 Operator : JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: Nov 25 10:30:57 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 10:21:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4452	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	16605	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	10286	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	21013	0.40	ng	0.00
27) Chrysene-d12	21.16	240	21039	0.40	ng	0.00
34) Perylene-d12	23.32	264	21136	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	59694	5.12	ng	0.00
5) Phenol-d6	6.78	99	77853	5.28	ng	0.00
8) Nitrobenzene-d5	8.72	82	77753	5.21	ng	-0.01
11) 2-Methylnaphthalene-d10	11.95	152	134547	5.13	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	27870	5.83	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	201176	5.00	ng	0.00
25) Fluoranthene-d10	19.00	212	325187	5.27	ng	0.00
29) Terphenyl-d14	19.61	244	257461	5.09	ng	0.00

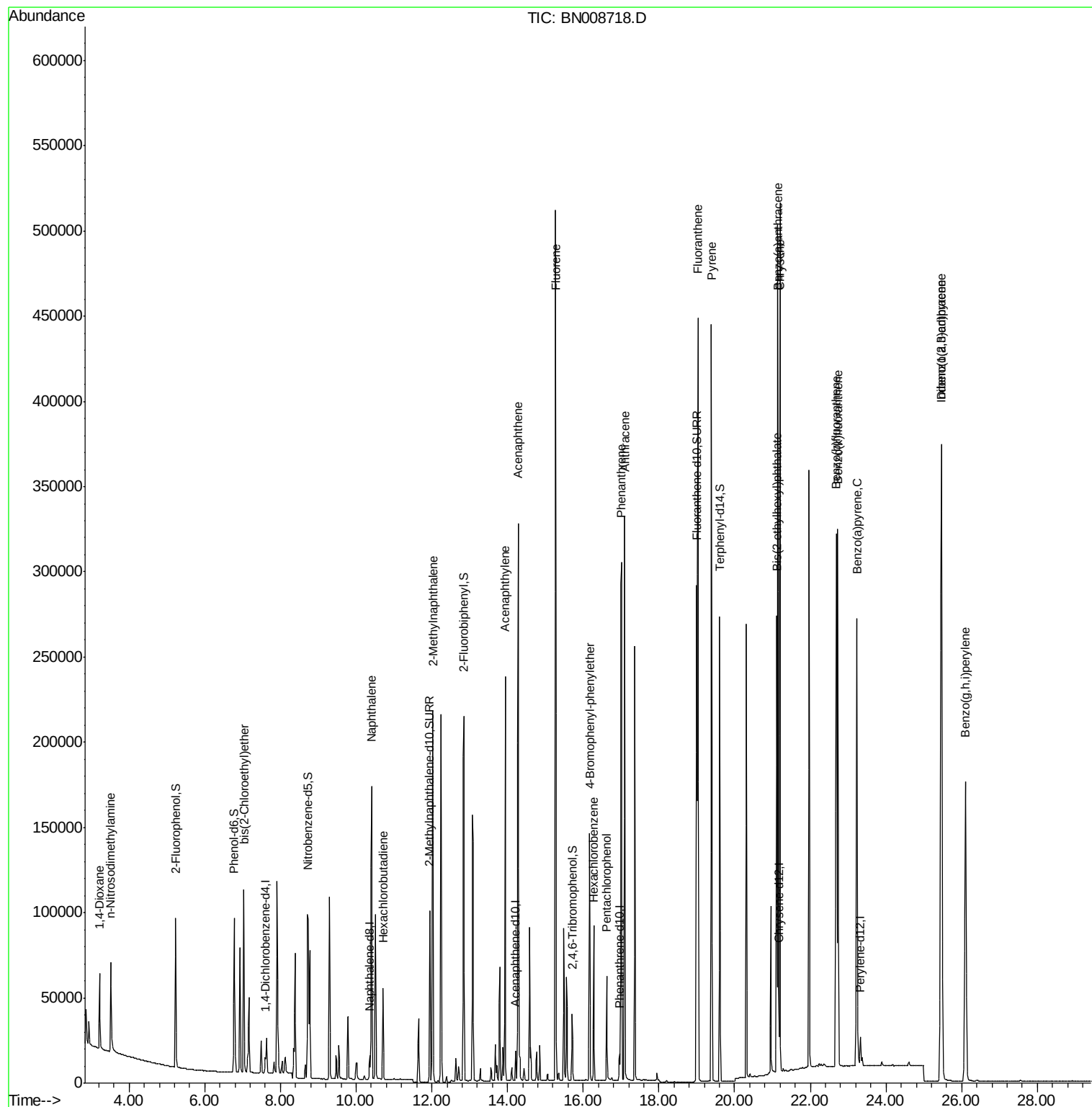
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	24196	5.140	ng	97
3) n-Nitrosodimethylamine	3.51	42	32509	10.896	ng	# 99
6) bis(2-Chloroethyl)ether	7.03	93	70060	5.071	ng	98
9) Naphthalene	10.41	128	223115	5.034	ng	99
10) Hexachlorobutadiene	10.71	225	45441	4.945	ng	# 99
12) 2-Methylnaphthalene	12.02	142	157032	5.089	ng	99
16) Acenaphthylene	13.93	152	255872	5.406	ng	100
17) Acenaphthene	14.28	154	165934	5.325	ng	94
18) Fluorene	15.27	166	206425	5.173	ng	99
20) 4-Bromophenyl-phenylether	16.17	248	69705	5.313	ng	96
21) Hexachlorobenzene	16.28	284	74395	5.154	ng	99
22) Pentachlorophenol	16.62	266	32271	6.238	ng	97
23) Phenanthrene	17.01	178	336596	5.195	ng	100
24) Anthracene	17.09	178	317778	5.486	ng	100
26) Fluoranthene	19.03	202	392956	5.164	ng	100
28) Pyrene	19.39	202	394424	5.079	ng	100
30) Benzo(a)anthracene	21.14	228	397069	5.156	ng	98
31) Chrysene	21.20	228	377492	5.063	ng	99
32) Bis(2-ethylhexyl)phthalate	21.11	149	239324	4.787	ng	99
33) Indeno(1,2,3-cd)pyrene	25.45	276	416174	5.009	ng	99
35) Benzo(b)fluoranthene	22.68	252	376930	5.156	ng	# 89
36) Benzo(k)fluoranthene	22.72	252	367484	4.964	ng	# 84
37) Benzo(a)pyrene	23.23	252	345990	5.113	ng	# 86
38) Dibenzo(a,h)anthracene	25.47	278	335846	5.029	ng	94
39) Benzo(g,h,i)perylene	26.10	276	338341	5.081	ng	96

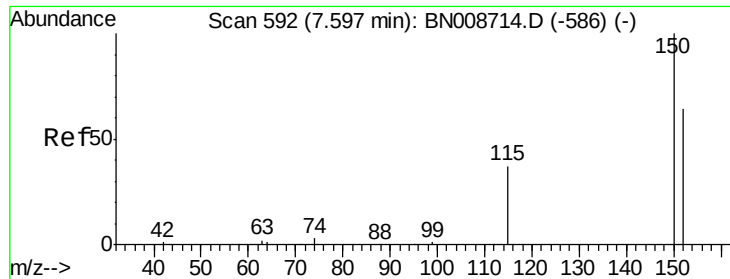
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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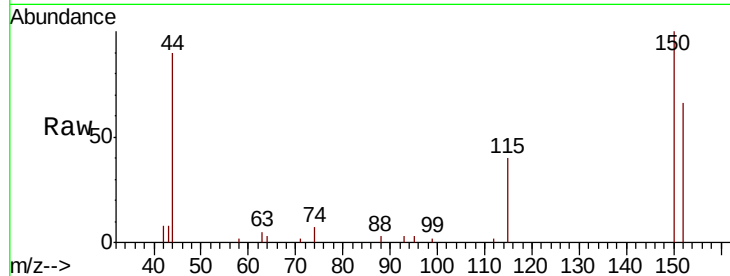


#1

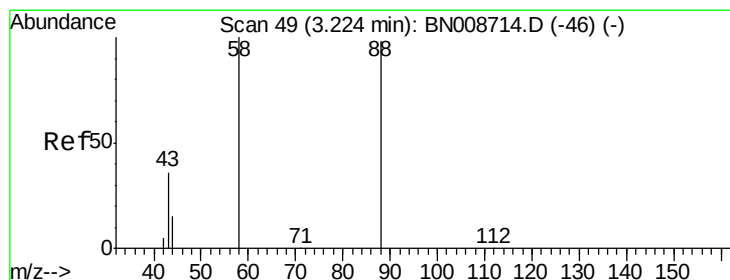
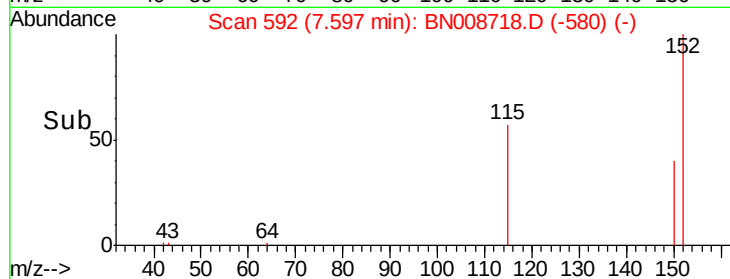
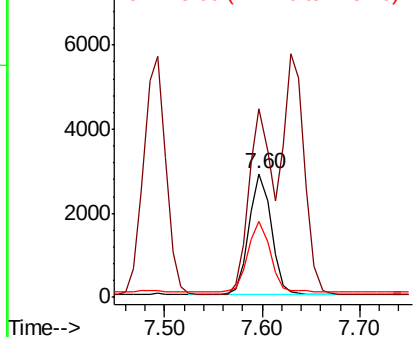
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008718.D
Acq: 22 Nov 2019 22:47

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tot Ion:152 Resp: 4452
Ion Ratio Lower Upper
152 100
150 152.2 124.0 186.0
115 60.9 49.8 74.8



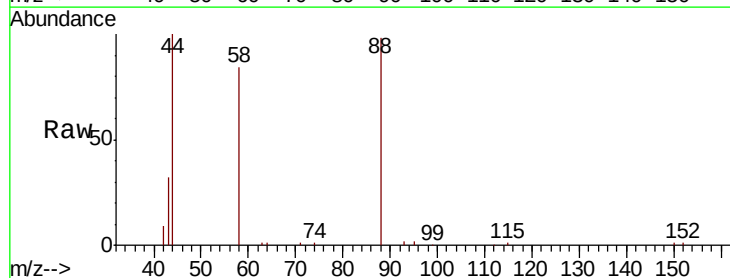
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



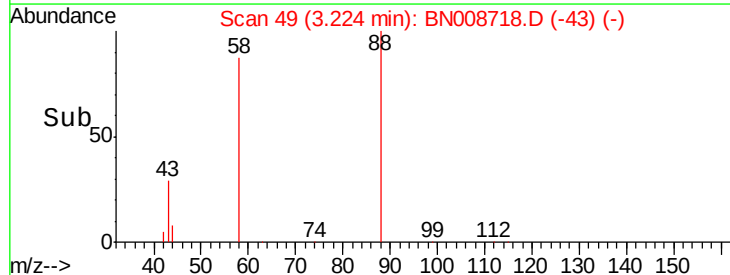
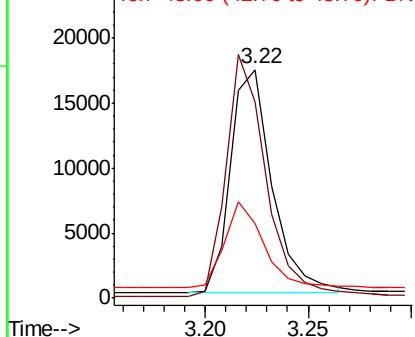
#2

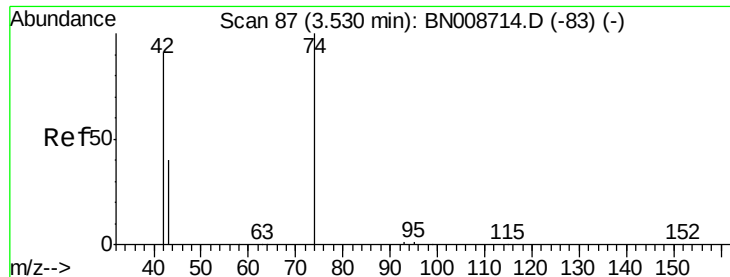
1,4-Dioxane
Concen: 5.140 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008718.D
Acq: 22 Nov 2019 22:47

Tgt Ion: 88 Resp: 24196
Ion Ratio Lower Upper
88 100
58 102.9 85.7 128.5
43 36.0 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



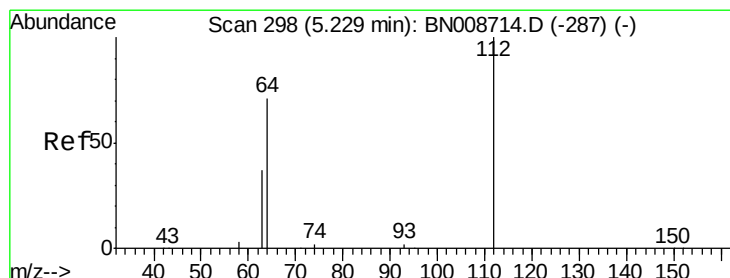
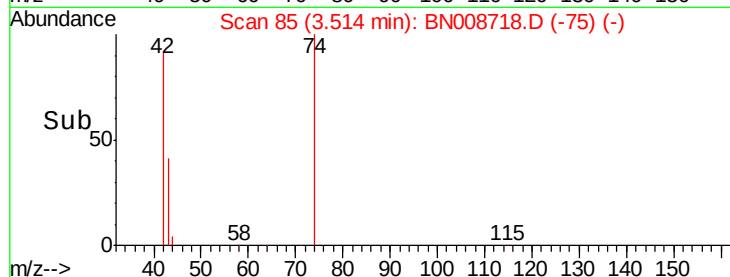
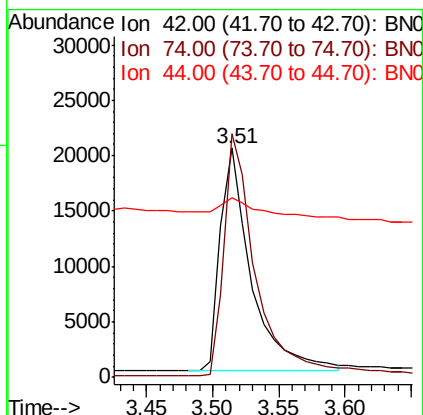
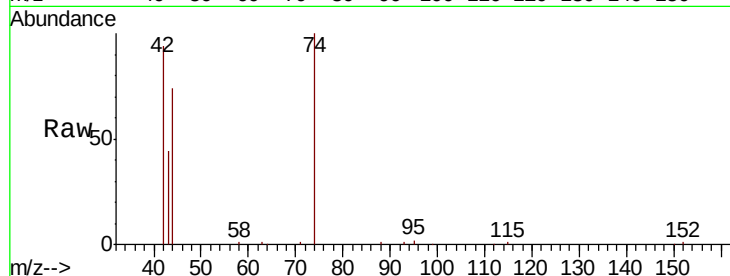


#3

n-Nitrosodimethylamine
 Concen: 10.896 ng
 RT: 3.51 min Scan# 85
 Delta R.T. -0.02 min
 Lab File: BN008718.D
 Acq: 22 Nov 2019 22:47

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

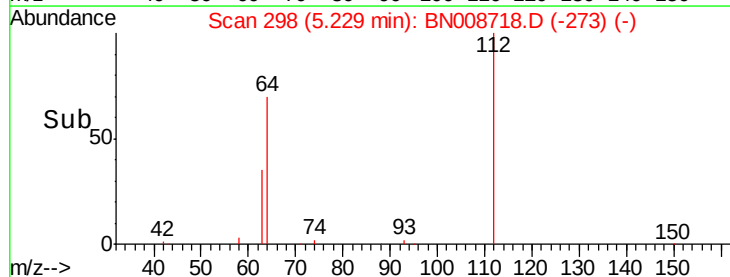
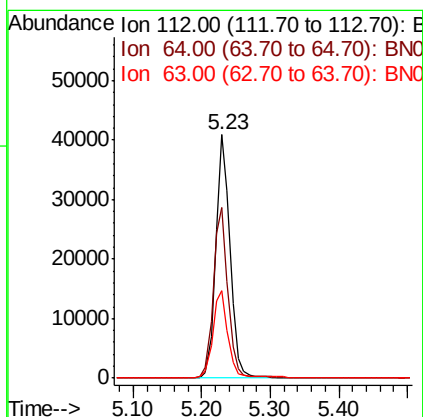
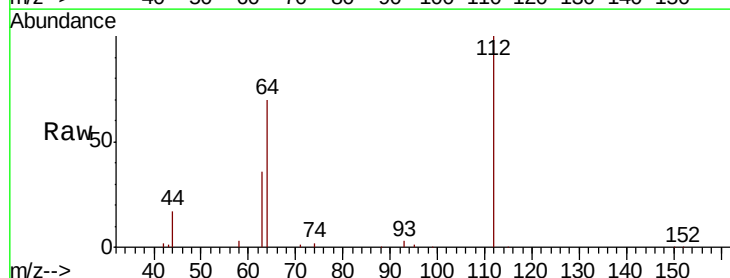
Tot Ion: 42 Resp: 32509
 Ion Ratio Lower Upper
 42 100
 74 110.8 88.0 132.0
 44 11.6 0.0 0.0#

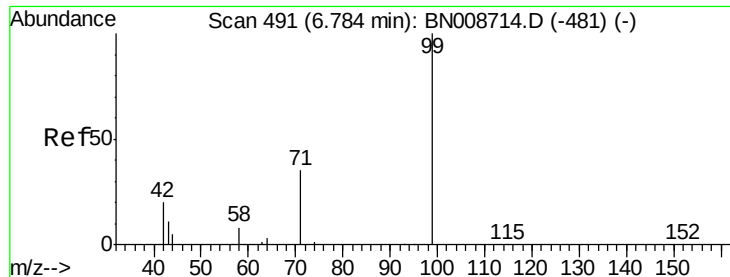


#4

2-Fluorophenol
 Concen: 5.119 ng
 RT: 5.23 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: BN008718.D
 Acq: 22 Nov 2019 22:47

Tgt Ion: 112 Resp: 59694
 Ion Ratio Lower Upper
 112 100
 64 71.4 57.1 85.7
 63 36.5 29.7 44.5





#5

Phenol-d6

Concen: 5.284 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

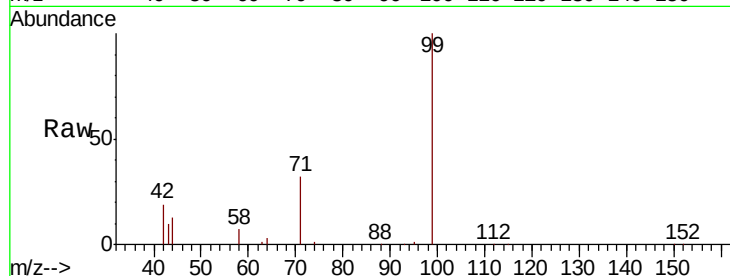
Tot Ion: 99 Resp: 77853

Ion Ratio Lower Upper

99 100

42 23.9 19.4 29.2

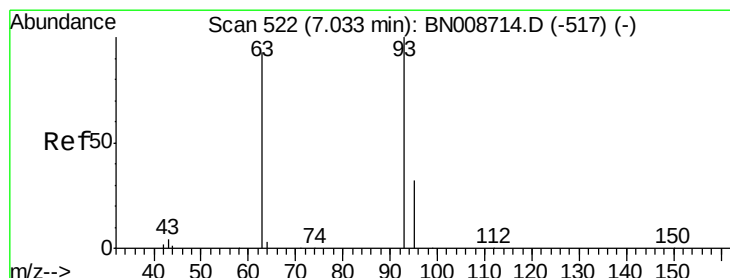
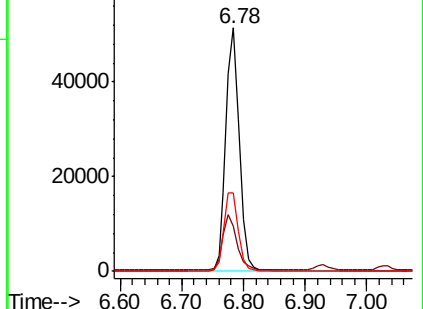
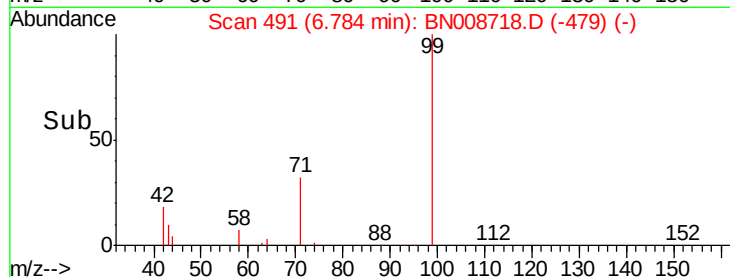
71 34.5 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BN008718.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN008718.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN008718.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 5.071 ng

RT: 7.03 min Scan# 522

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

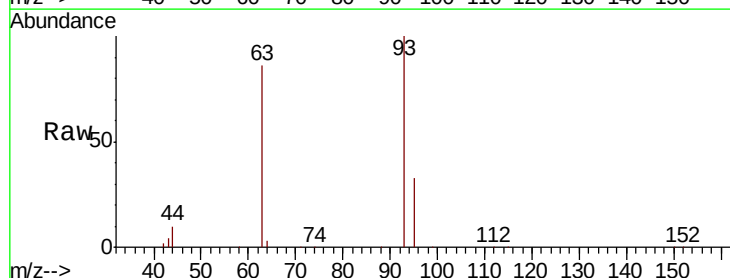
Tgt Ion: 93 Resp: 70060

Ion Ratio Lower Upper

93 100

63 94.6 74.2 111.4

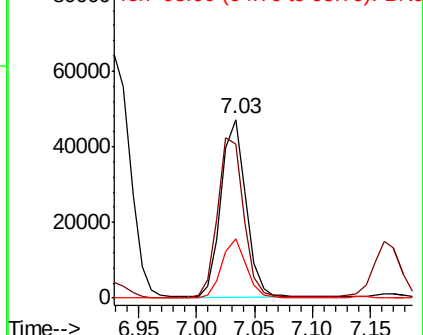
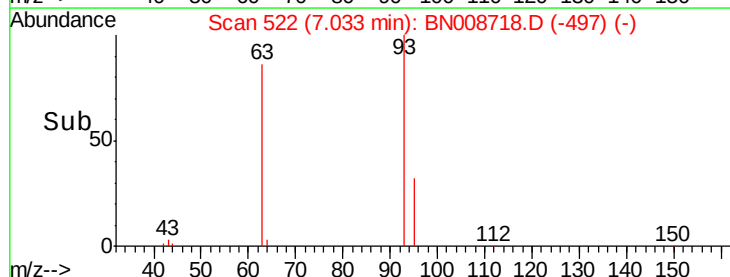
95 32.5 26.2 39.2

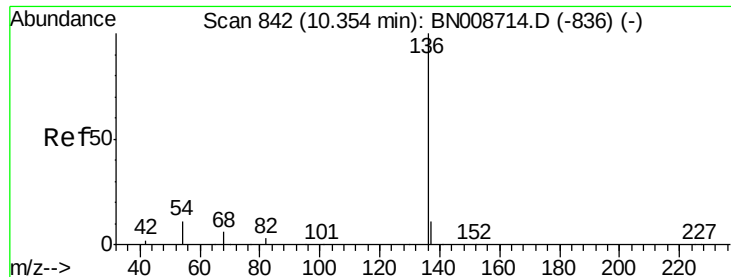


Abundance Ion 93.00 (92.70 to 93.70): BN008718.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN008718.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN008718.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 16605

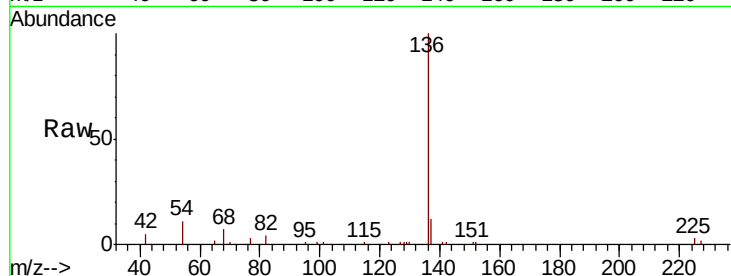
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 10.8 9.4 14.2

68 6.6 5.8 8.6

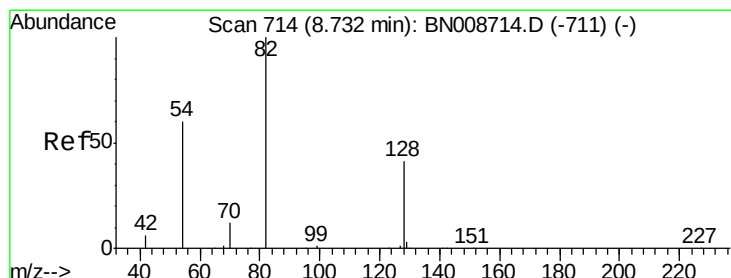
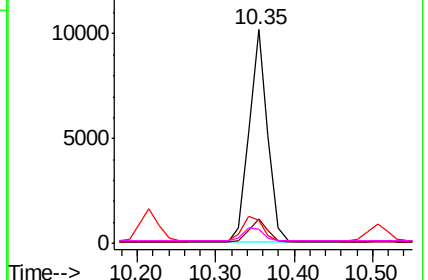
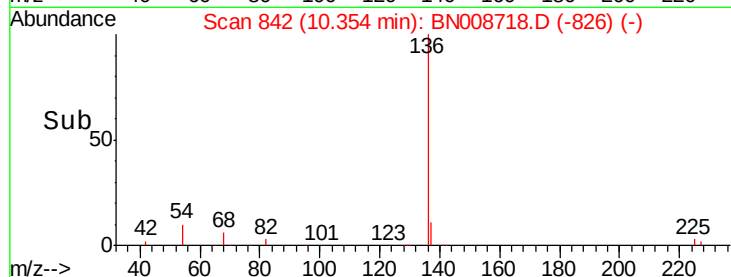


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.211 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

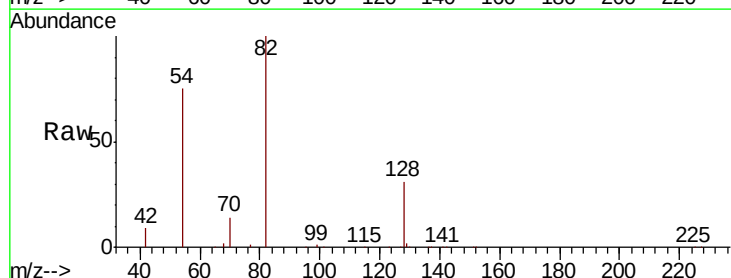
Tgt Ion: 82 Resp: 77753

Ion Ratio Lower Upper

82 100

128 31.0 34.6 52.0#

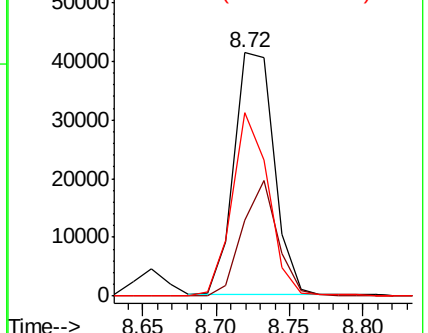
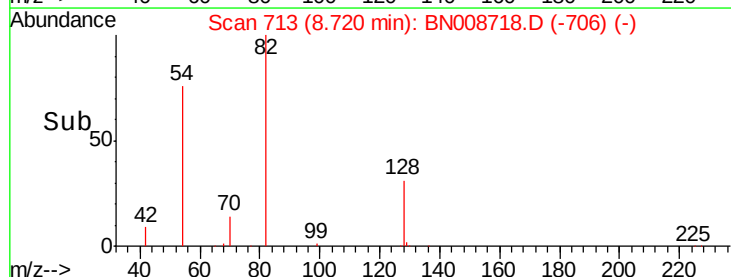
54 75.2 50.2 75.4

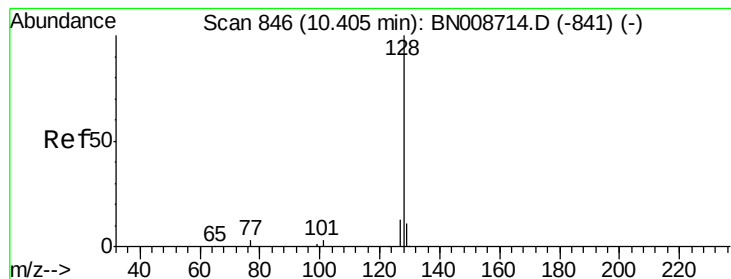


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 5.034 ng

RT: 10.41 min Scan# 846

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

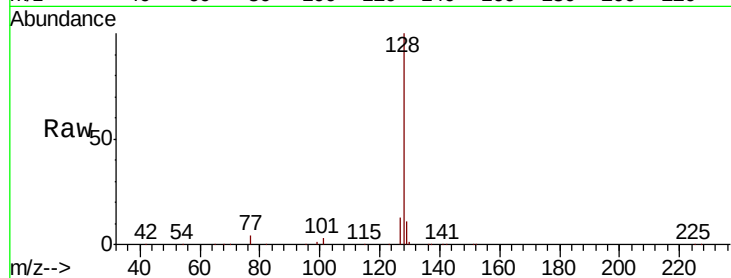
Tot Ion:128 Resp: 223115

Ion Ratio Lower Upper

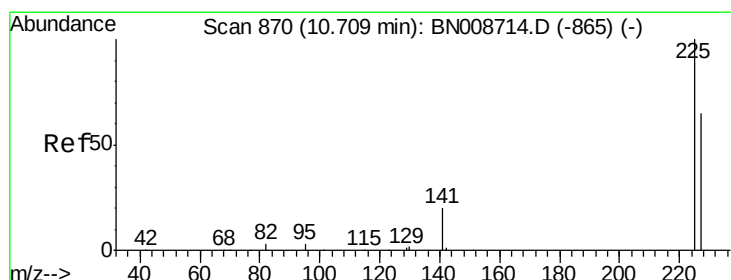
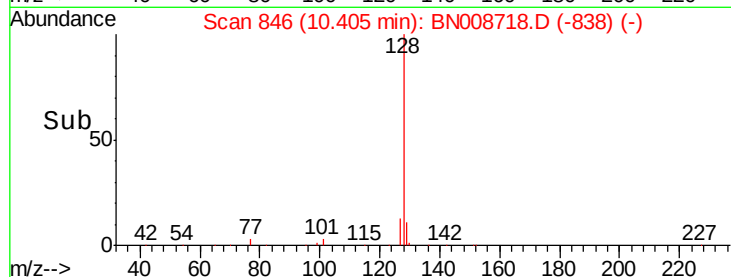
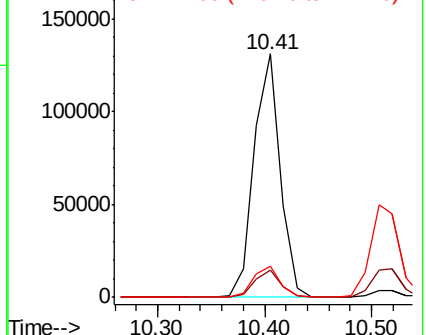
128 100

129 11.0 9.4 14.2

127 12.8 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: 4.945 ng

RT: 10.71 min Scan# 870

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

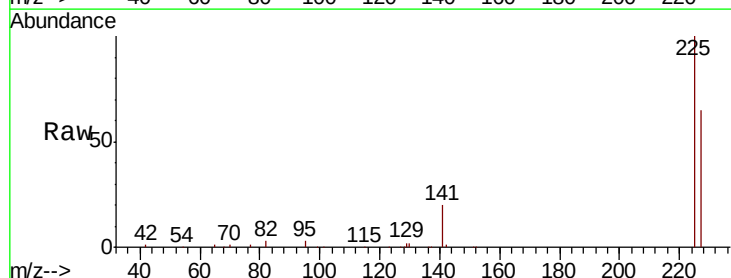
Tgt Ion:225 Resp: 45441

Ion Ratio Lower Upper

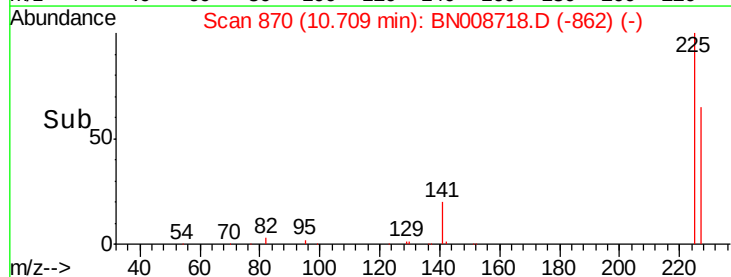
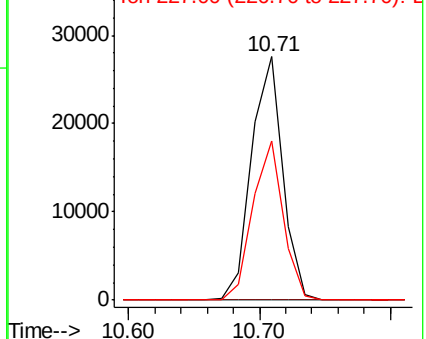
225 100

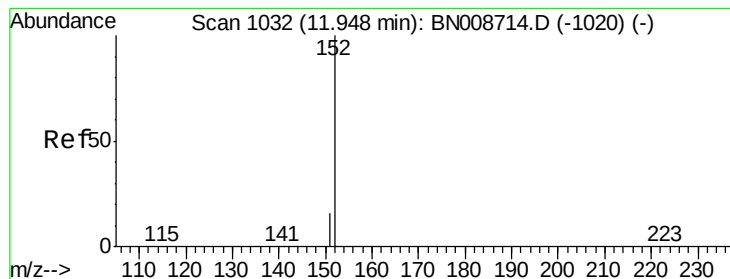
223 0.0 0.0 0.0

227 63.6 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: 5.133 ng

RT: 11.95 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

Instrument :

BNA_N

ClientSampleId :

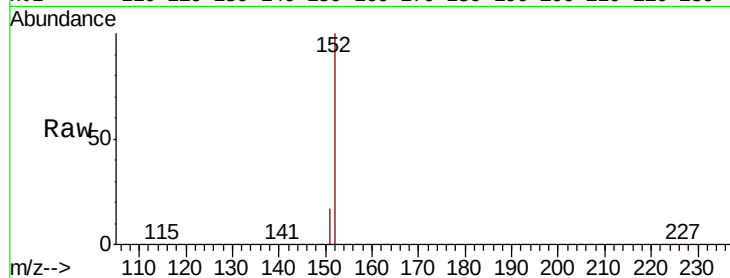
SSTDICC5.0

Tot Ion:152 Resp: 134547

Ion Ratio Lower Upper

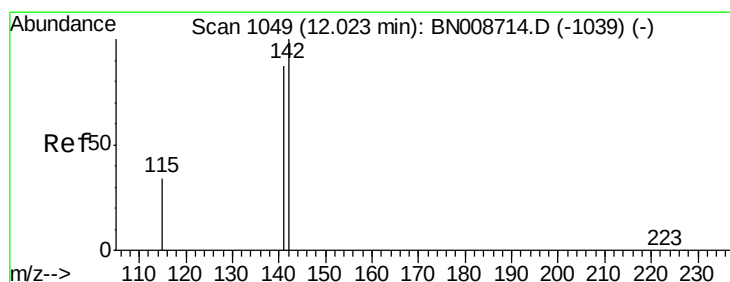
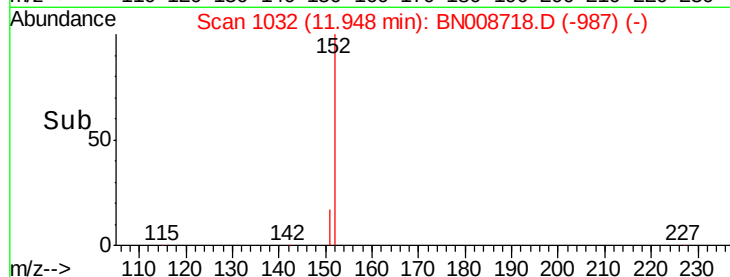
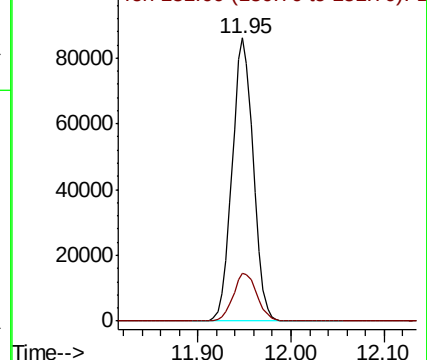
152 100

151 18.8 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: 5.089 ng

RT: 12.02 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

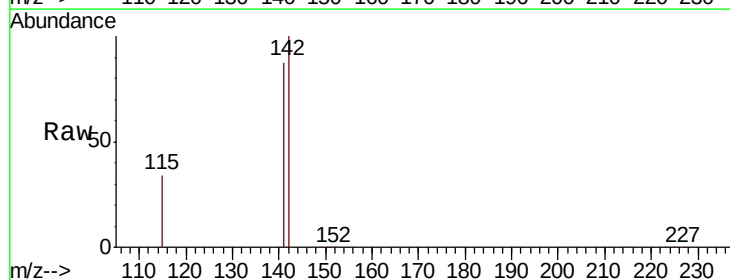
Tgt Ion:142 Resp: 157032

Ion Ratio Lower Upper

142 100

141 87.0 69.8 104.6

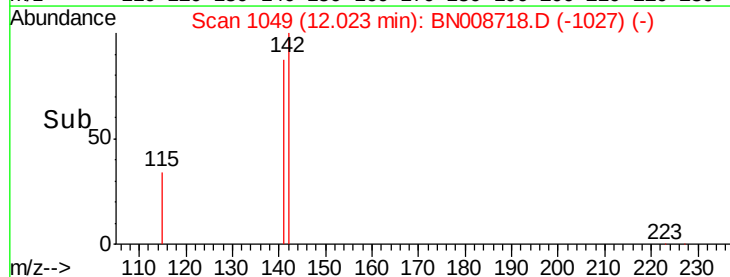
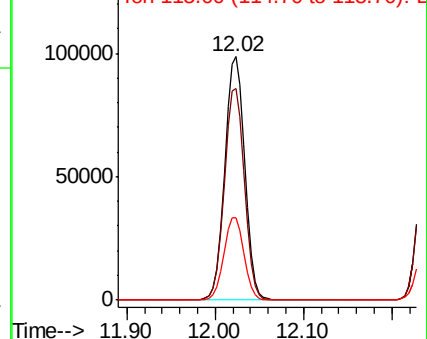
115 34.0 28.4 42.6

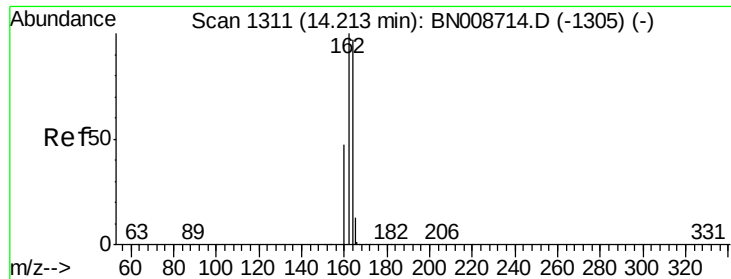


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

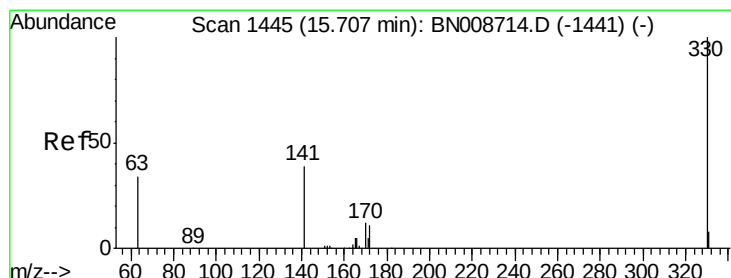
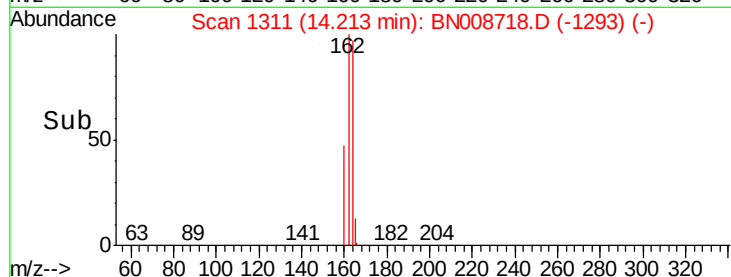
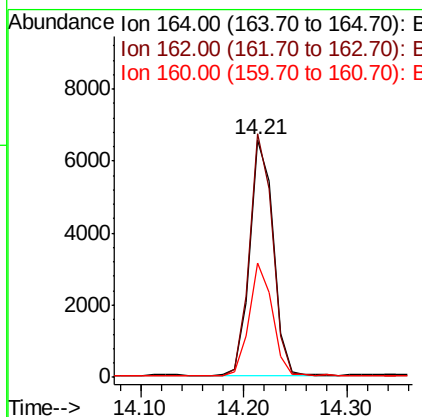
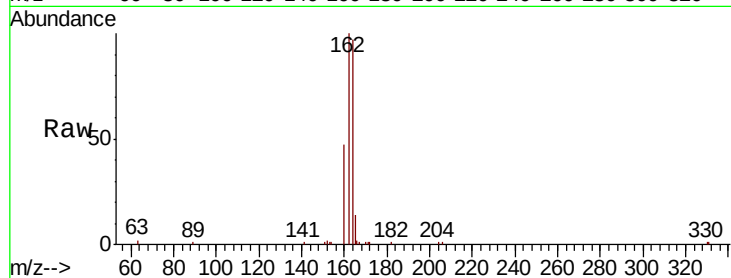




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN008718.D
Acq: 22 Nov 2019 22:47

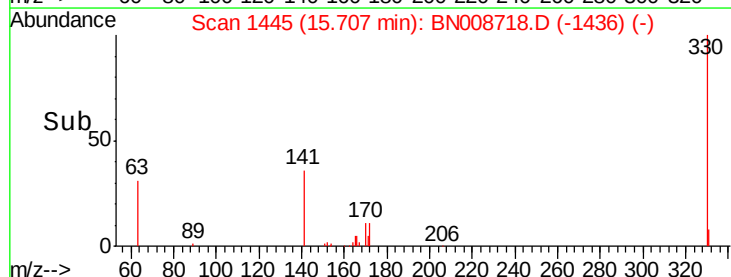
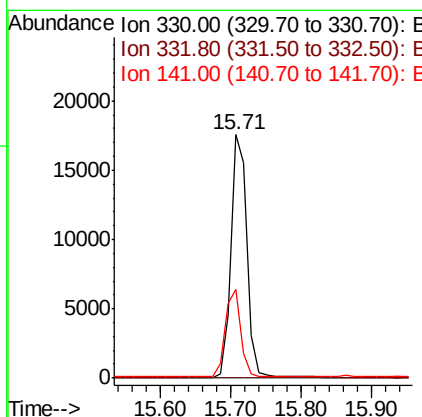
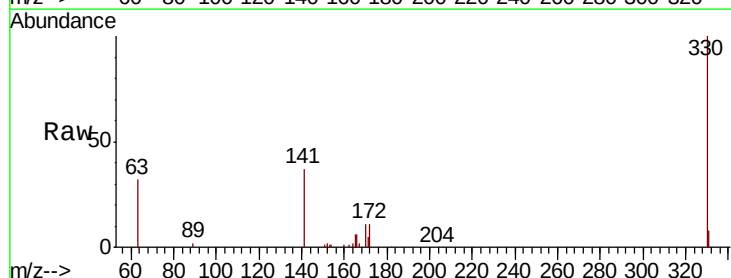
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

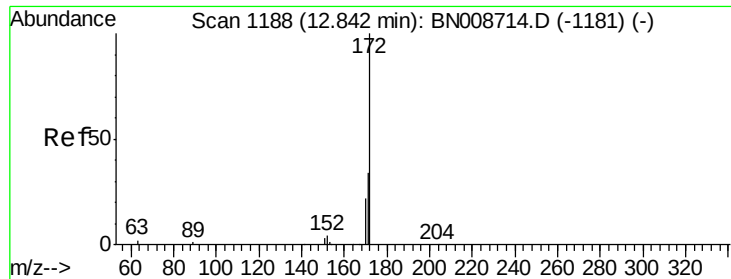
Tot Ion:164 Resp: 10286
Ion Ratio Lower Upper
164 100
162 102.6 82.2 123.4
160 48.4 38.7 58.1



#14
2,4,6-Tribromophenol
Concen: 5.826 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN008718.D
Acq: 22 Nov 2019 22:47

Tgt Ion:330 Resp: 27870
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.4 29.5 44.3

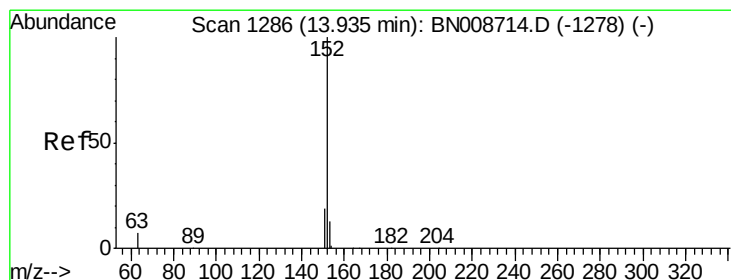
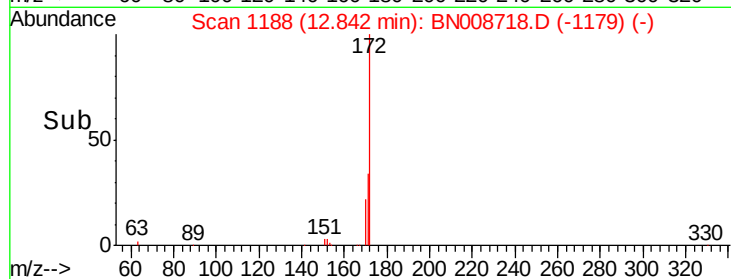
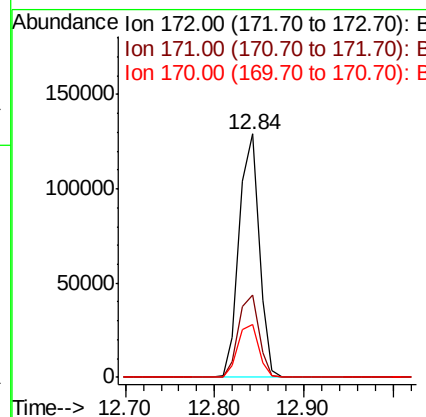
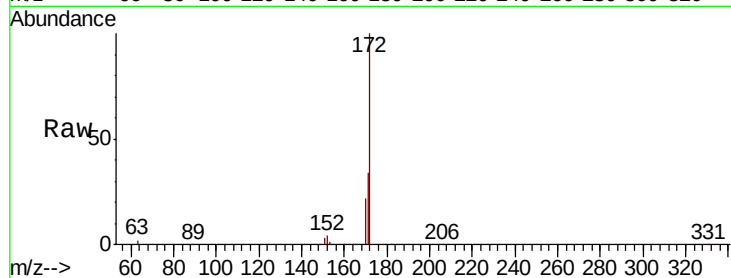




#15
2-Fluorobiphenyl
Concen: 5.005 ng
RT: 12.84 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BN008718.D
Acq: 22 Nov 2019 22:47

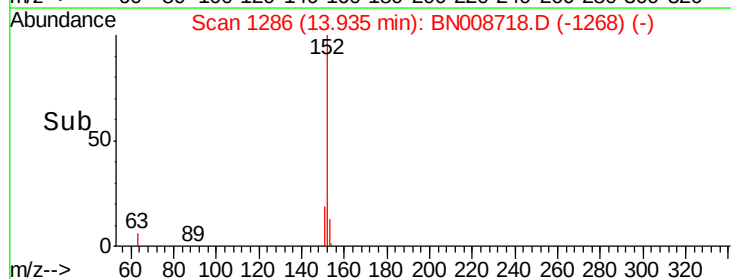
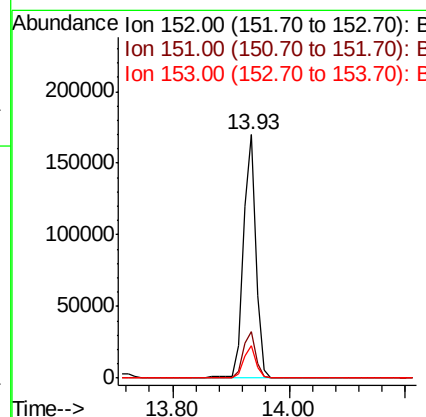
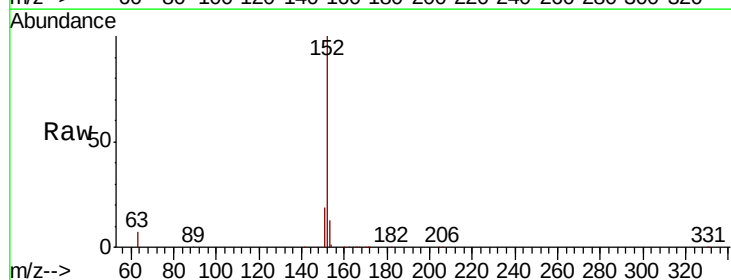
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

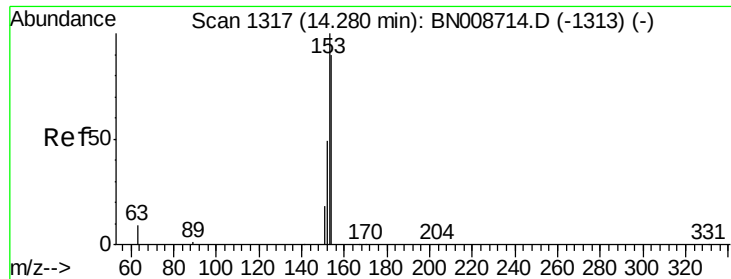
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.3	40.9
170	21.7	17.8	26.6



#16
Acenaphthylene
Concen: 5.406 ng
RT: 13.93 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN008718.D
Acq: 22 Nov 2019 22:47

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

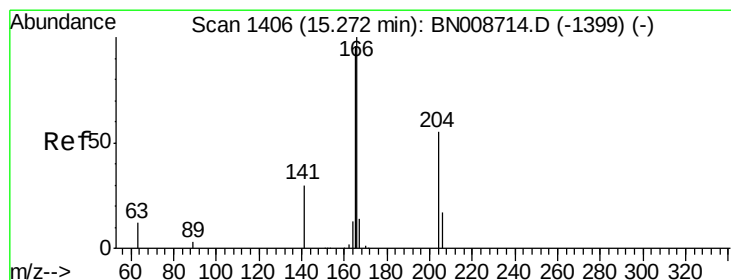
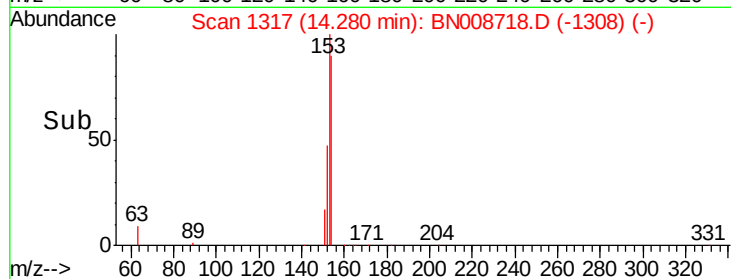
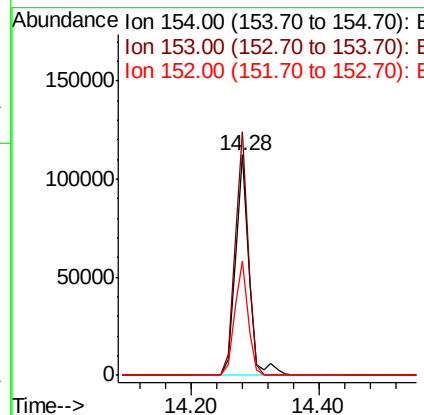
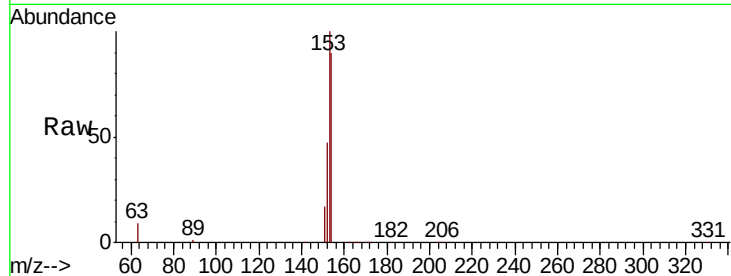




#17
Acenaphthene
Concen: 5.325 ng
RT: 14.28 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BN008718.D
Acq: 22 Nov 2019 22:47

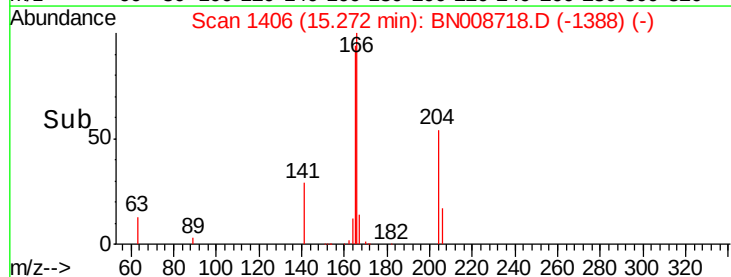
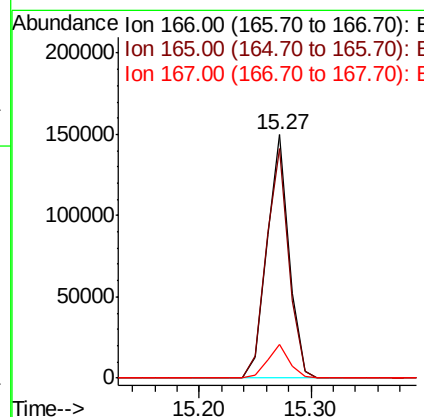
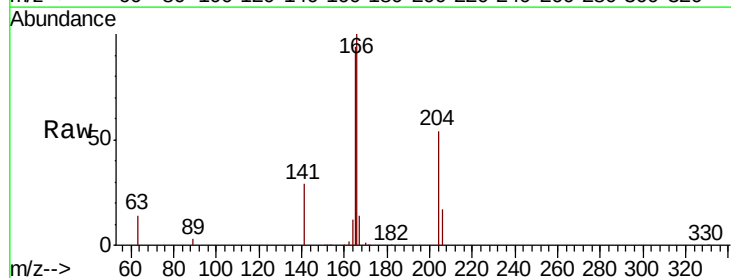
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

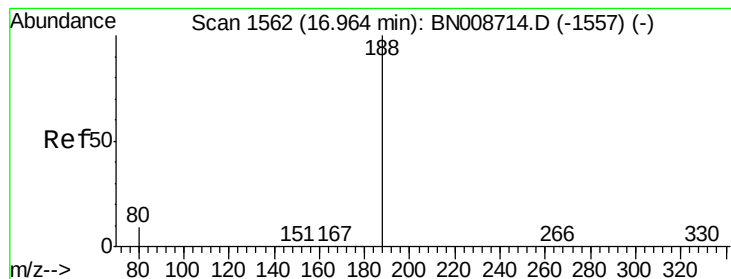
Tot Ion:154 Resp: 165934
Ion Ratio Lower Upper
154 100
153 105.5 89.6 134.4
152 51.0 44.7 67.1



#18
Fluorene
Concen: 5.173 ng
RT: 15.27 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BN008718.D
Acq: 22 Nov 2019 22:47

Tgt Ion:166 Resp: 206425
Ion Ratio Lower Upper
166 100
165 96.2 77.7 116.5
167 13.5 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

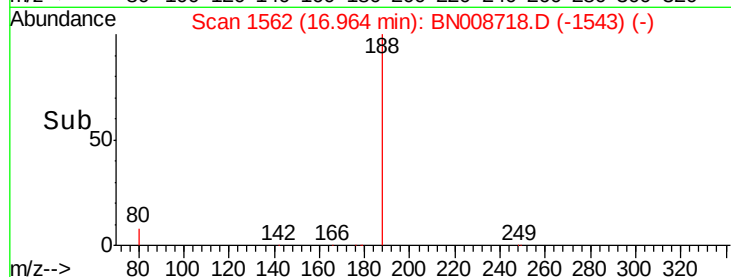
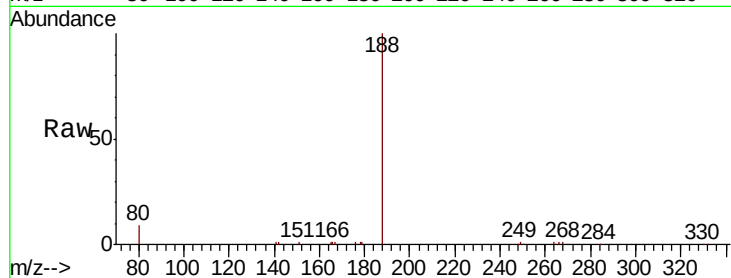
Tot Ion:188 Resp: 21013

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

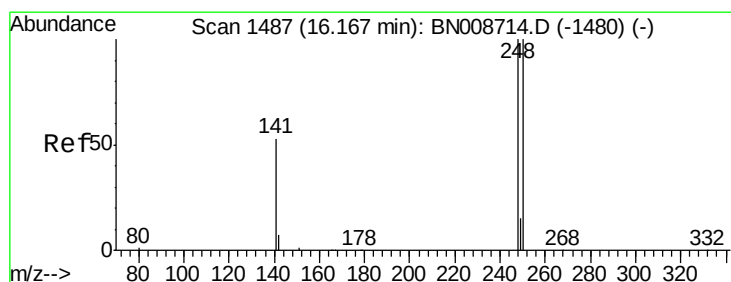
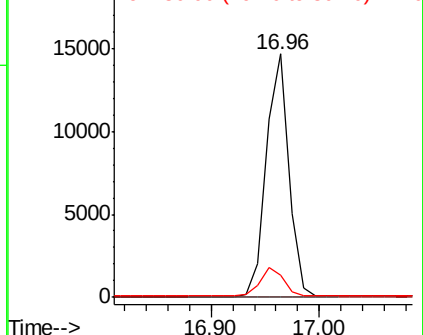
80 8.9 7.4 11.0



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: 5.313 ng

RT: 16.17 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

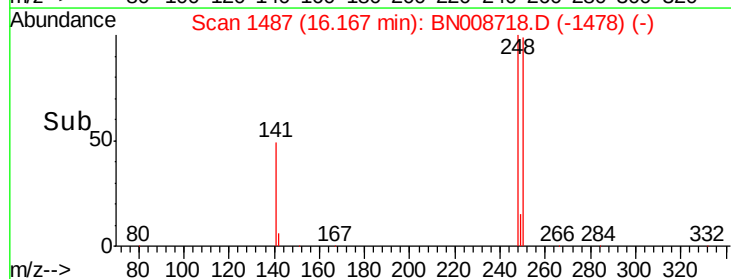
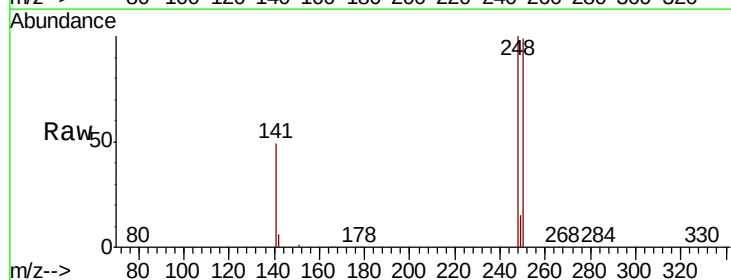
Tgt Ion:248 Resp: 69705

Ion Ratio Lower Upper

248 100

250 98.9 80.5 120.7

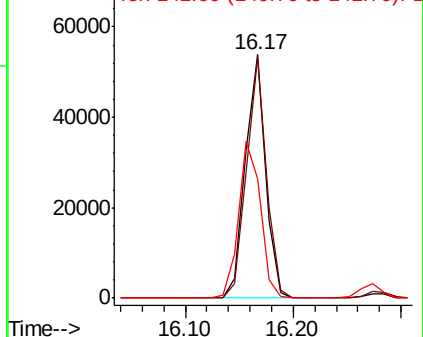
141 49.1 43.8 65.6

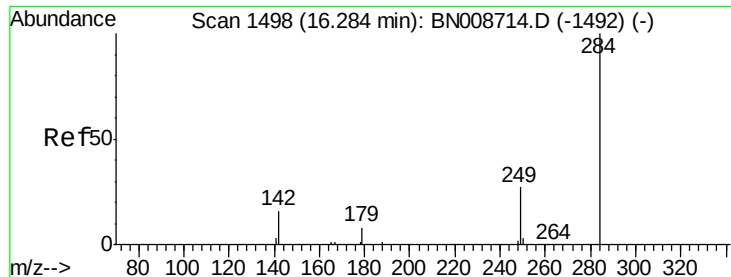


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 5.154 ng

RT: 16.28 min Scan# 1498

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

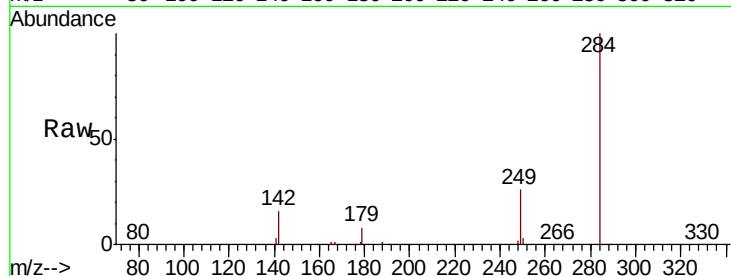
Tot Ion:284 Resp: 74395

Ion Ratio Lower Upper

284 100

142 34.0 27.4 41.0

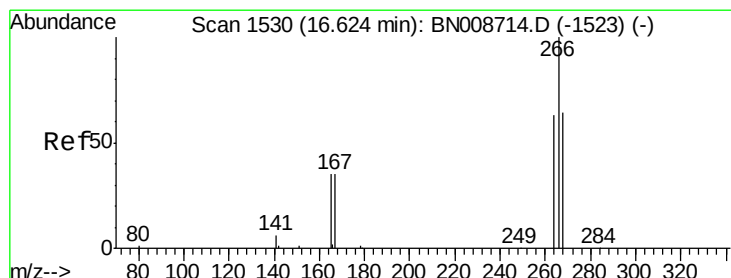
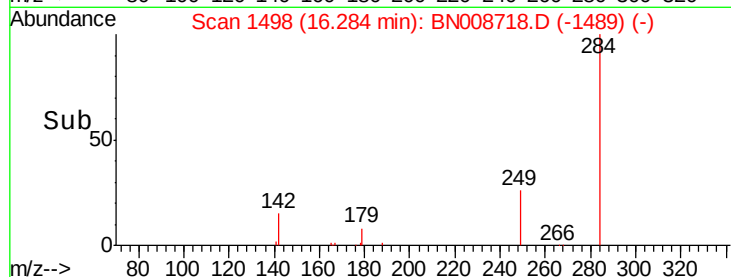
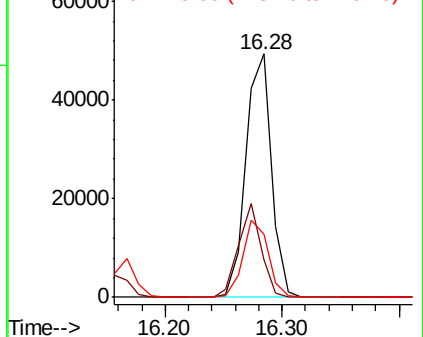
249 31.0 25.4 38.0



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: 6.238 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

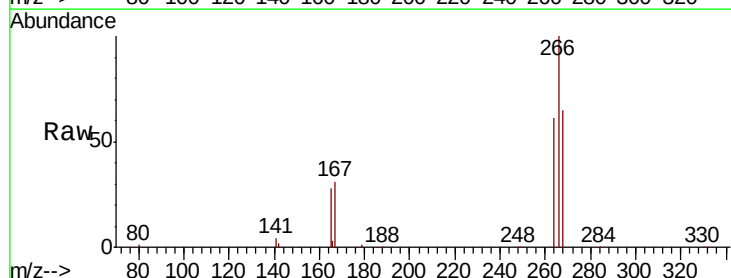
Tgt Ion:266 Resp: 32271

Ion Ratio Lower Upper

266 100

264 61.1 51.0 76.4

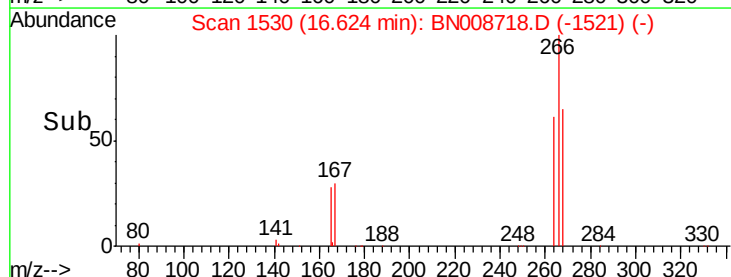
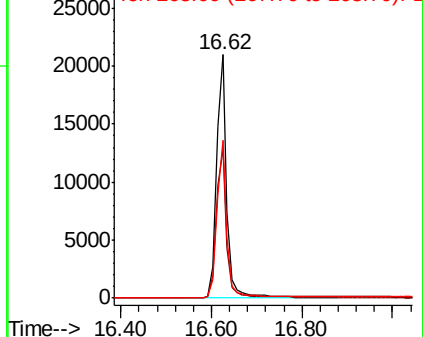
268 64.8 54.1 81.1

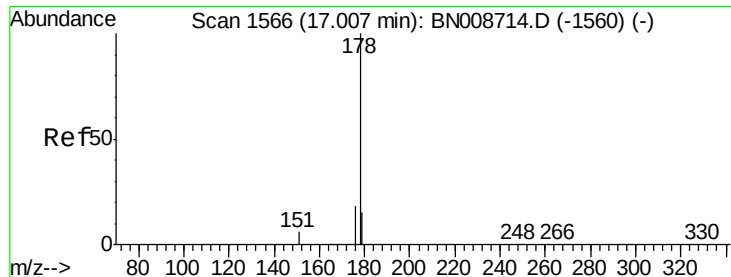


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.195 ng

RT: 17.01 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

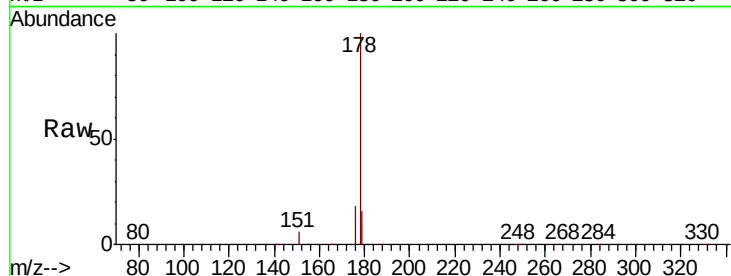
Tot Ion:178 Resp: 336596

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

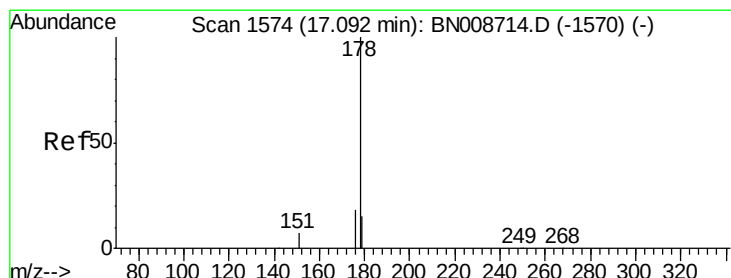
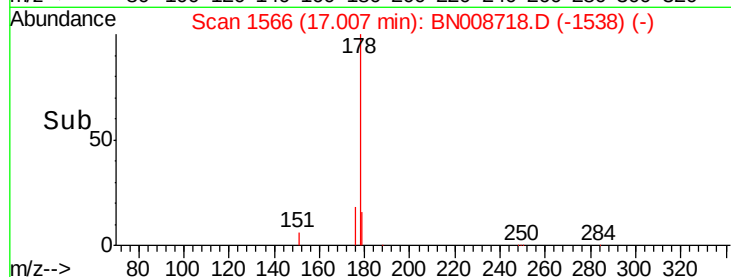
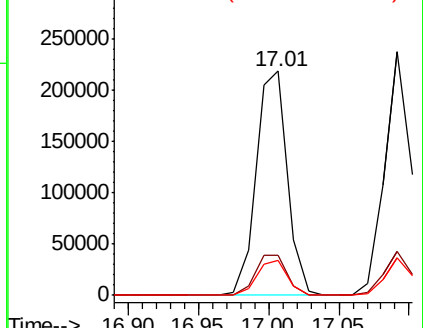
179 15.2 12.3 18.5



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: 5.486 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

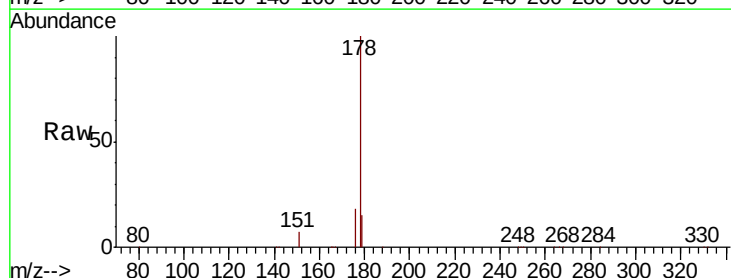
Tgt Ion:178 Resp: 317778

Ion Ratio Lower Upper

178 100

176 17.9 14.4 21.6

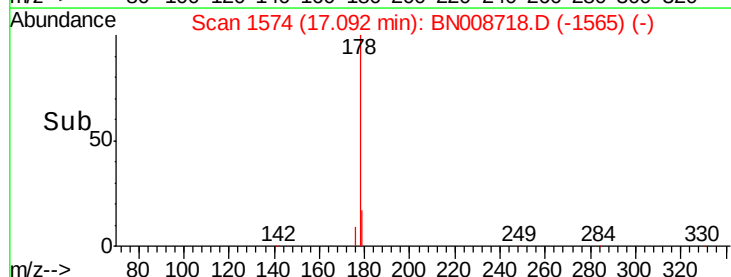
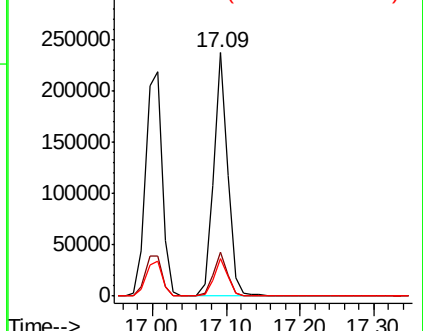
179 15.2 12.0 18.0

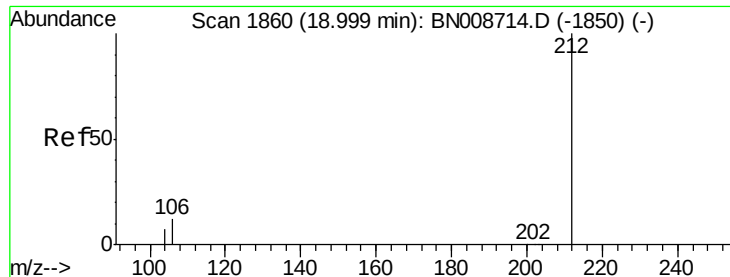


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 5.265 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

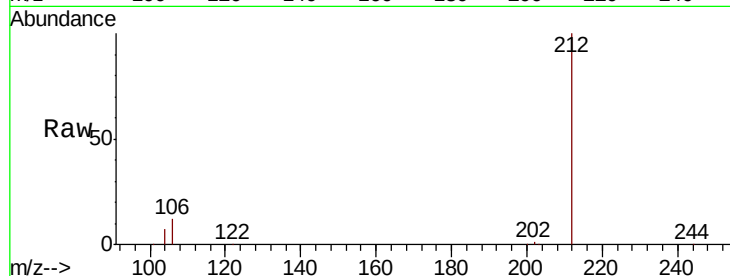
Tot Ion:212 Resp: 325187

Ion Ratio Lower Upper

212 100

106 13.3 10.6 15.8

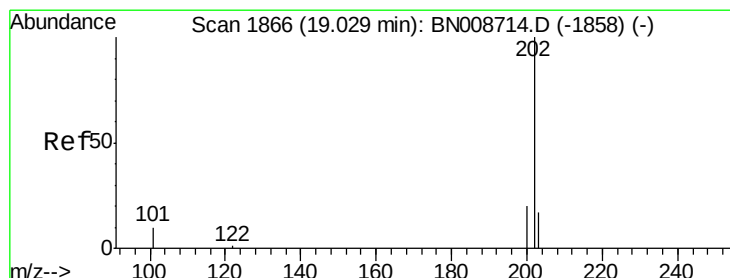
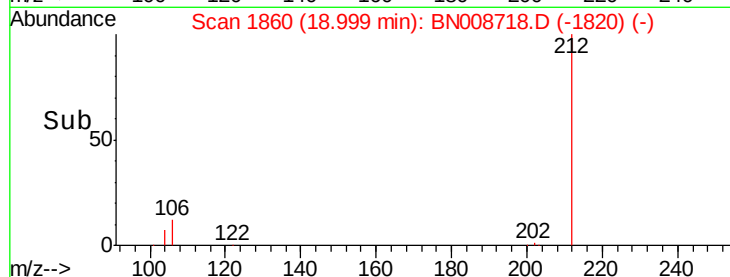
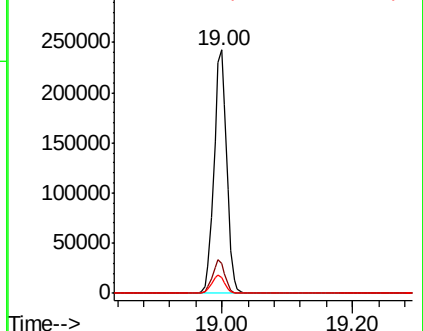
104 7.4 6.0 9.0



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: 5.164 ng

RT: 19.03 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

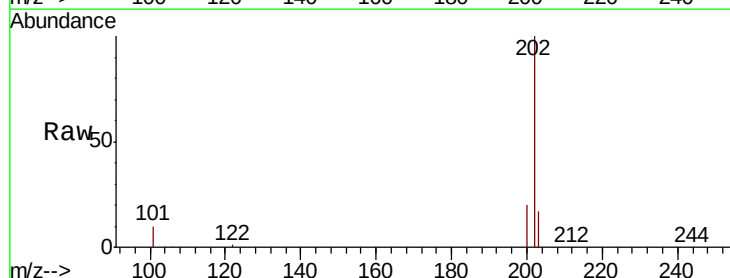
Tgt Ion:202 Resp: 392956

Ion Ratio Lower Upper

202 100

101 11.2 9.0 13.4

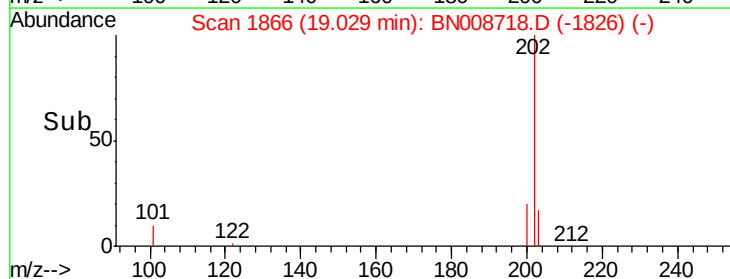
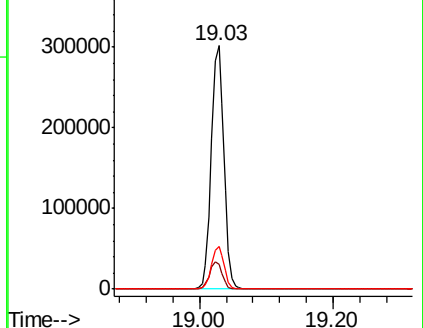
203 17.3 13.8 20.6

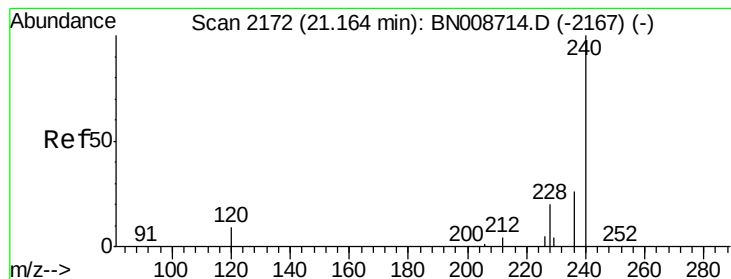


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN008718.D

Acq: 22 Nov 2019 22:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

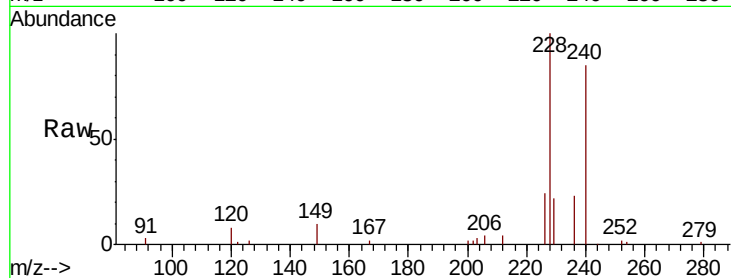
Tot Ion:240 Resp: 21039

Ion Ratio Lower Upper

240 100

120 8.9 9.0 13.4#

236 26.6 21.8 32.6

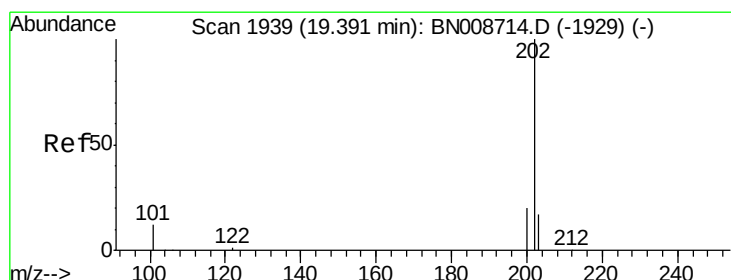
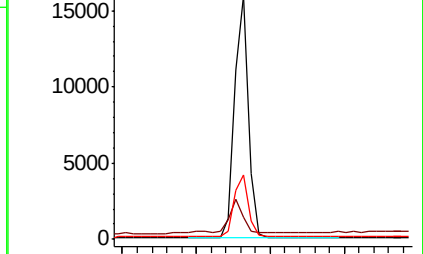
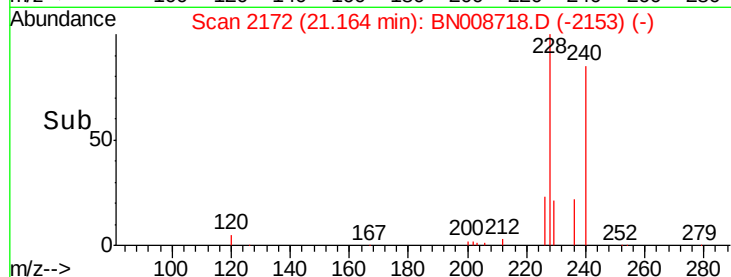


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.16



#28

Pyrene

Concen: 5.079 ng

RT: 19.39 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

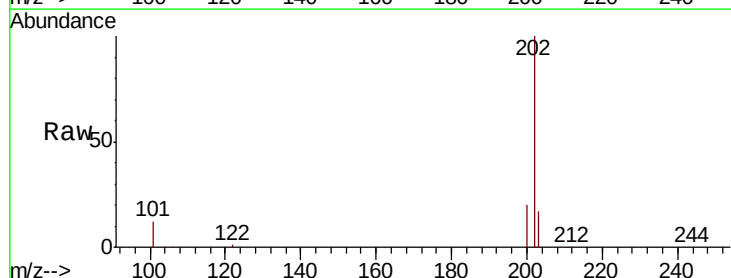
Tgt Ion:202 Resp: 394424

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

203 17.5 14.0 21.0

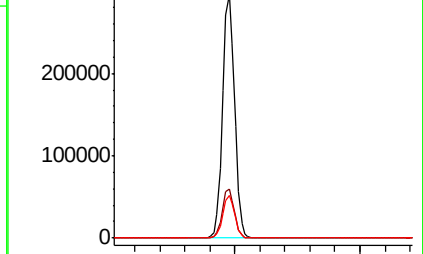
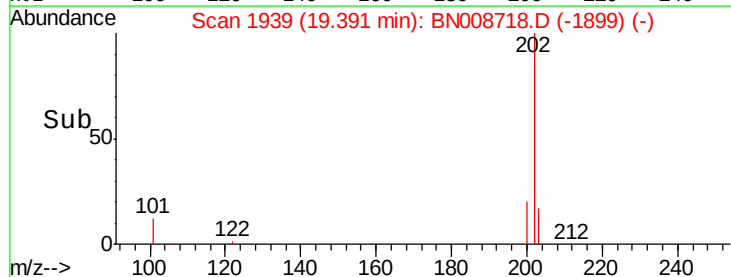


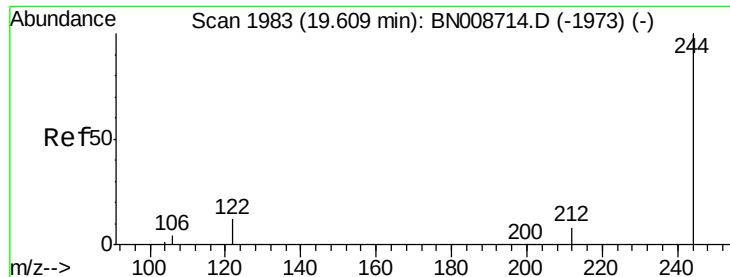
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.39





#29

Terphenyl-d14

Concen: 5.086 ng

RT: 19.61 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

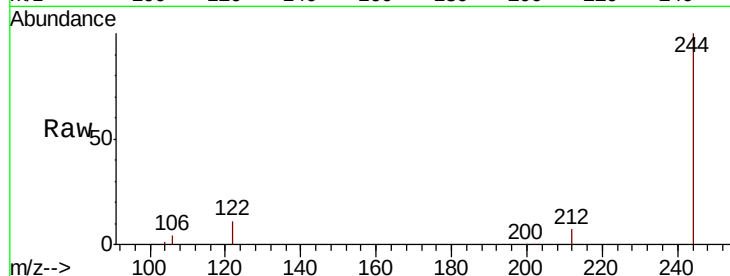
Tot Ion:244 Resp: 257461

Ion Ratio Lower Upper

244 100

212 7.4 6.6 9.8

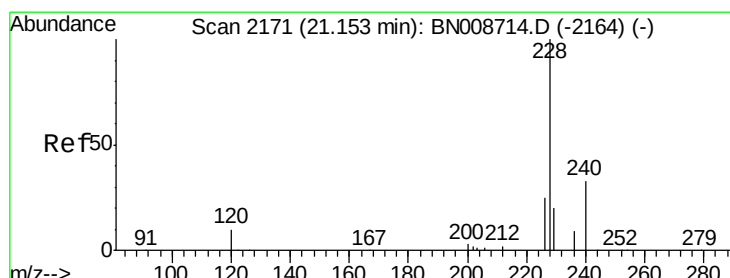
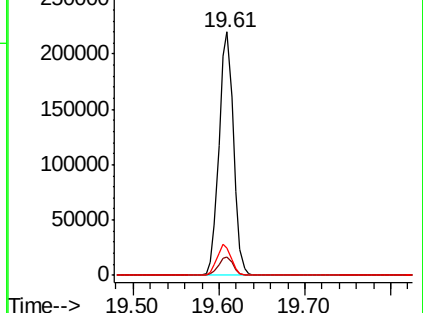
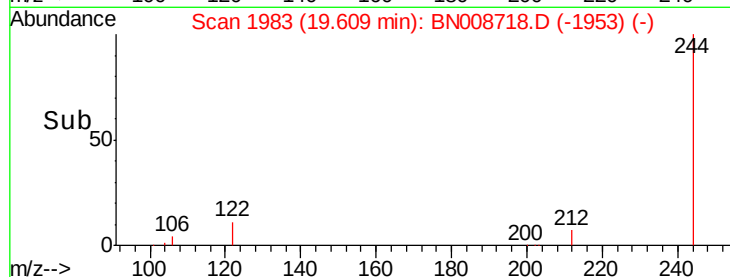
122 11.3 10.1 15.1



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: 5.156 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

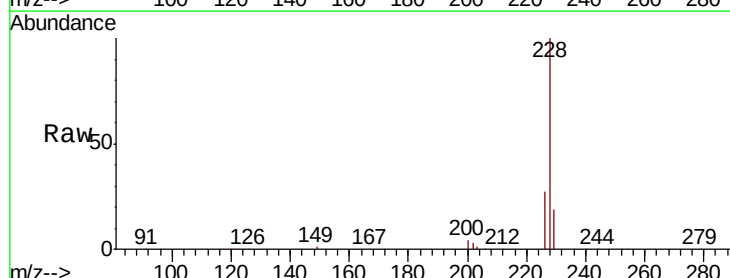
Tgt Ion:228 Resp: 397069

Ion Ratio Lower Upper

228 100

226 26.5 20.3 30.5

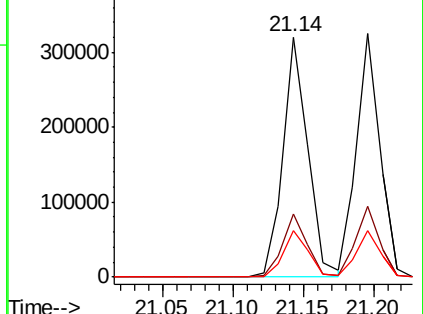
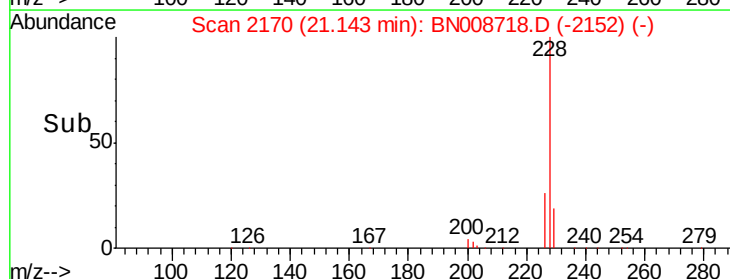
229 19.4 16.2 24.4

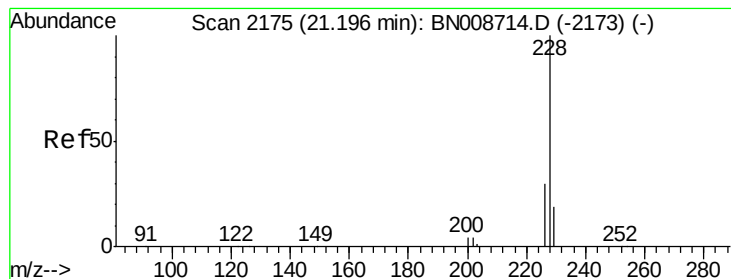


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 5.063 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

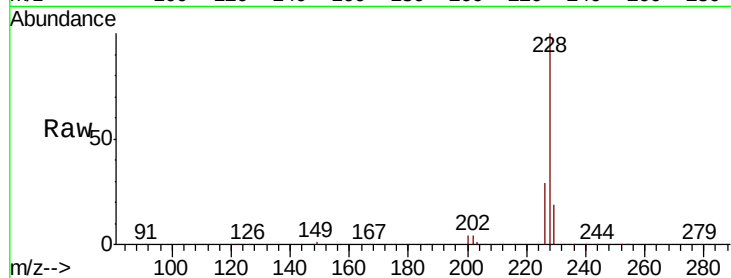
Tot Ion:228 Resp: 377492

Ion Ratio Lower Upper

228 100

226 29.1 23.8 35.8

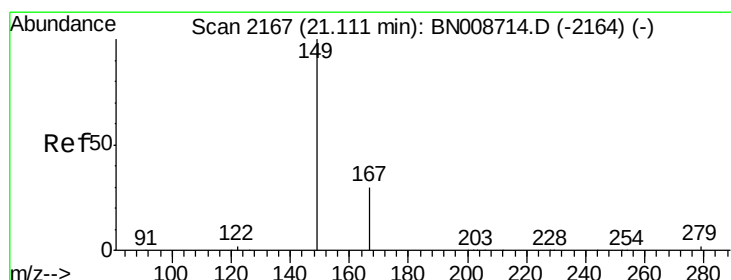
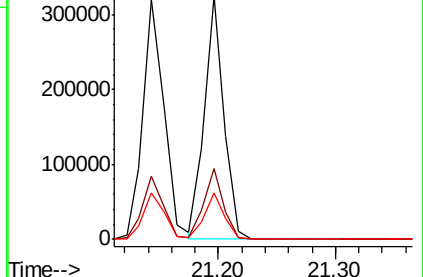
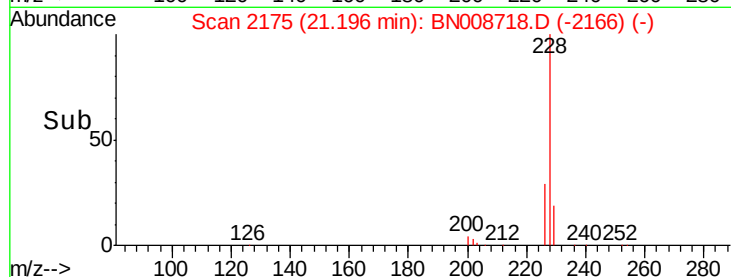
229 19.2 15.4 23.0



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: 4.787 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

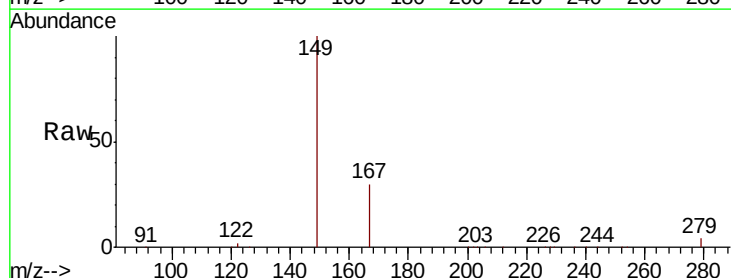
Tgt Ion:149 Resp: 239324

Ion Ratio Lower Upper

149 100

167 28.9 23.5 35.3

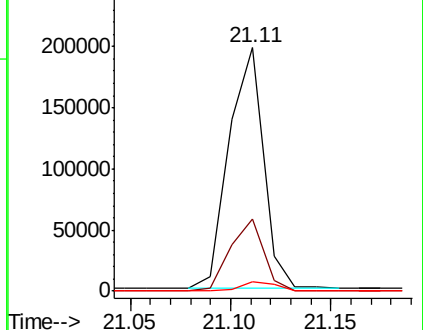
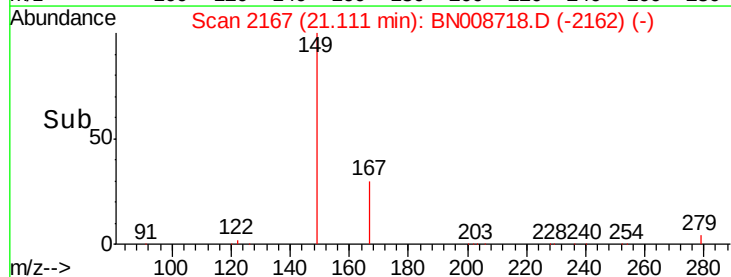
279 3.9 3.4 5.0

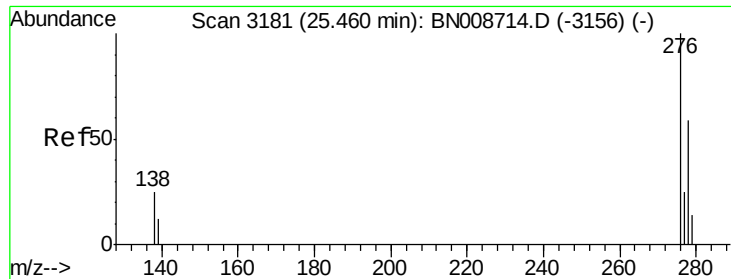


Abundance Ion 149.00 (148.70 to 149.70): E

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: 5.009 ng

RT: 25.45 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

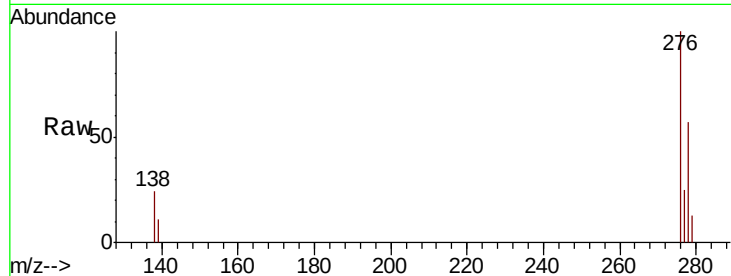
Tot Ion:276 Resp: 416174

Ion Ratio Lower Upper

276 100

138 25.6 21.0 31.6

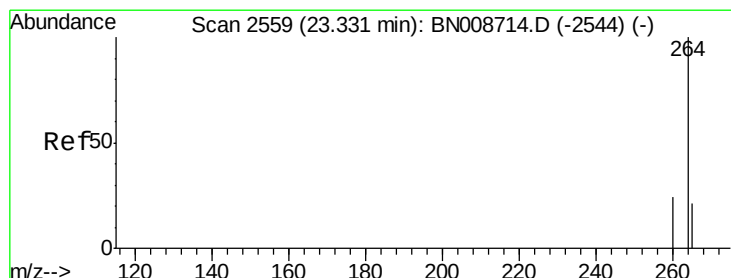
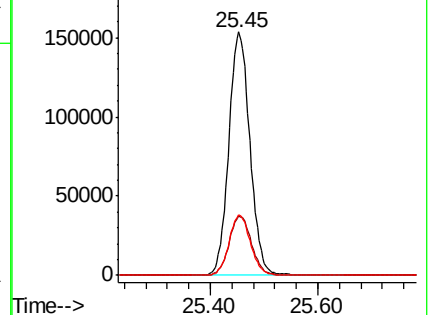
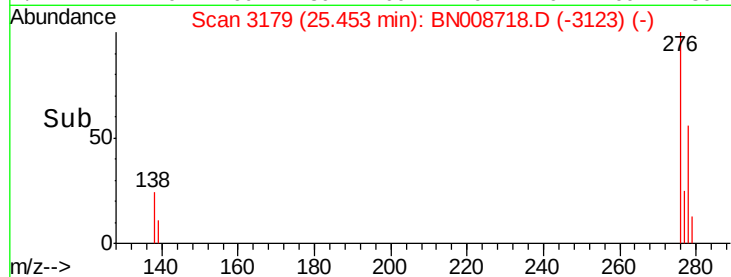
277 24.9 19.9 29.9



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# 2557

Delta R.T. -0.01 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

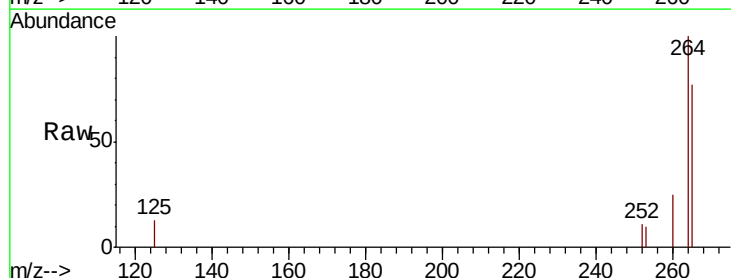
Tgt Ion:264 Resp: 21136

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

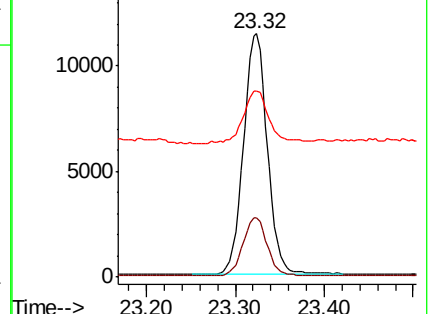
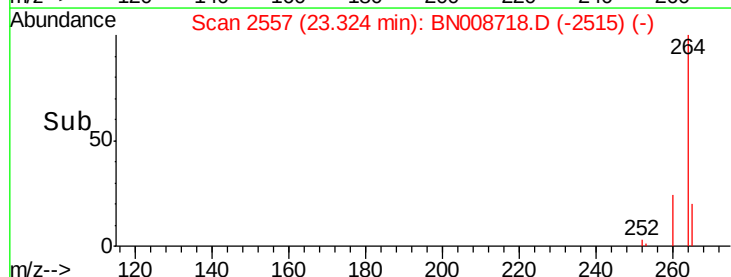
265 76.5 61.8 92.6

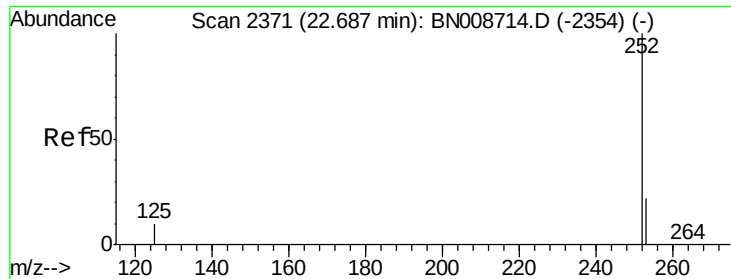


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

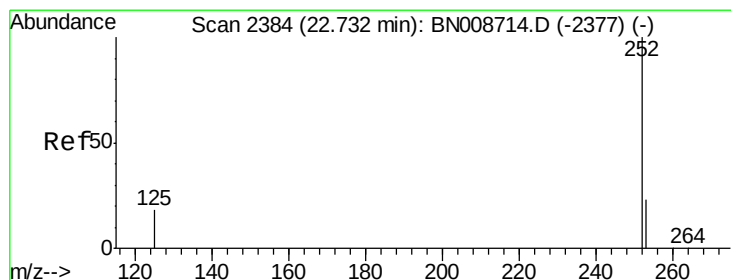
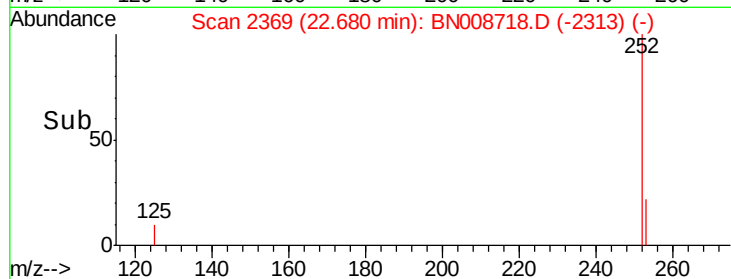
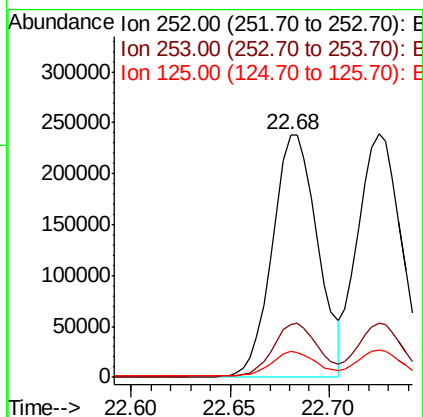
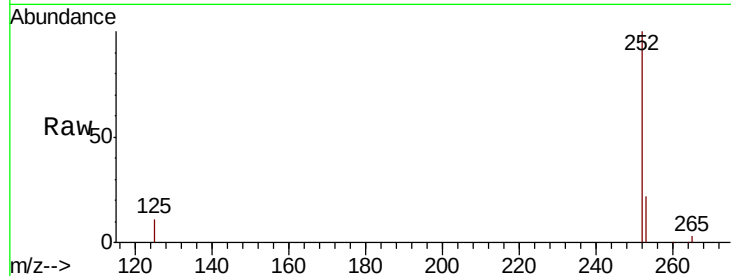




#35
Benzo(b)fluoranthene
Concen: 5.156 ng
RT: 22.68 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BN008718.D
Acq: 22 Nov 2019 22:47

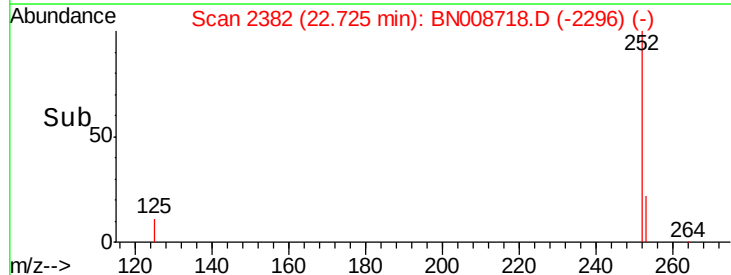
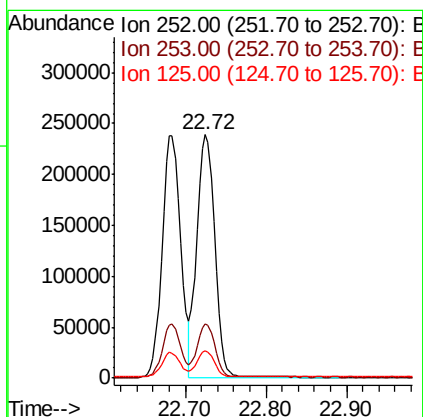
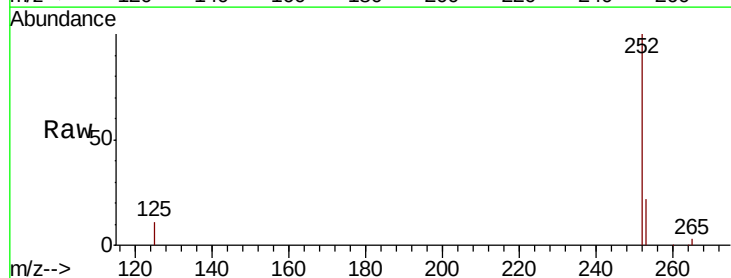
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

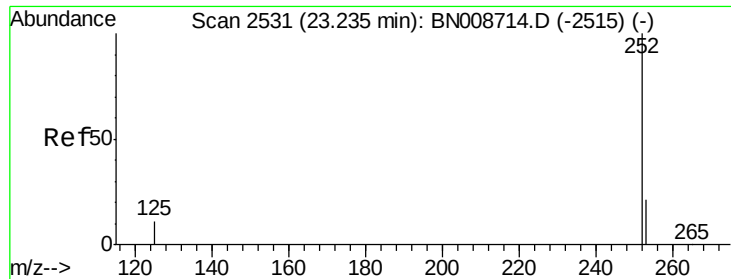
Tot Ion:252 Resp: 376930
Ion Ratio Lower Upper
252 100
253 21.9 20.8 31.2
125 10.6 13.5 20.3#



#36
Benzo(k)fluoranthene
Concen: 4.964 ng
RT: 22.72 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN008718.D
Acq: 22 Nov 2019 22:47

Tgt Ion:252 Resp: 367484
Ion Ratio Lower Upper
252 100
253 22.2 21.8 32.6
125 11.1 18.2 27.4#





#37

Benzo(a)pyrene

Concen: 5.113 ng

RT: 23.23 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

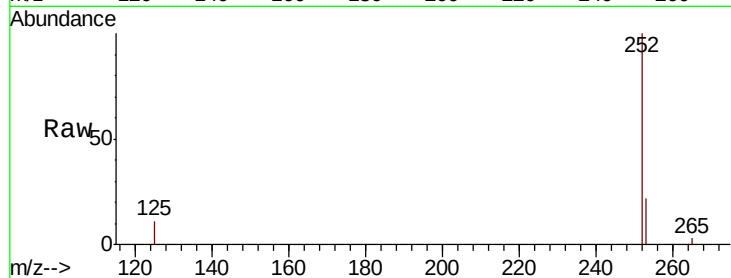
Tot Ion:252 Resp: 345990

Ion Ratio Lower Upper

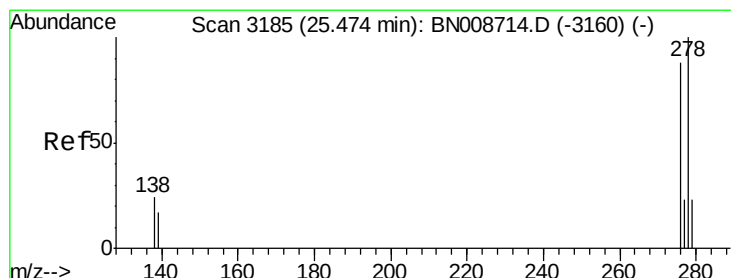
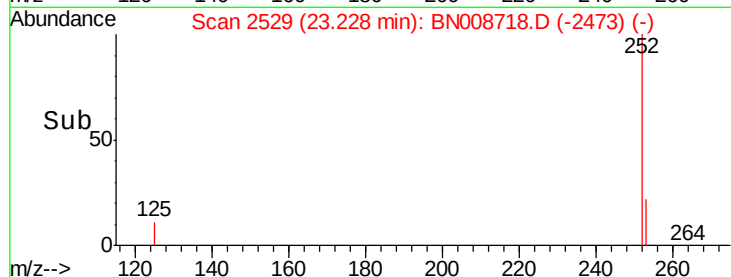
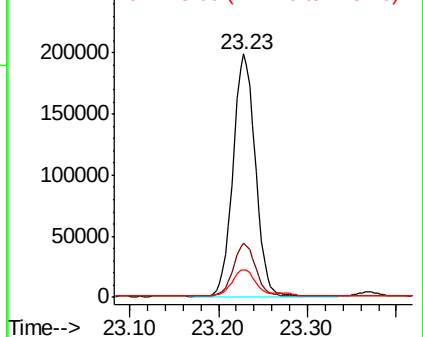
252 100

253 22.0 21.9 32.9

125 11.5 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: 5.029 ng

RT: 25.47 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

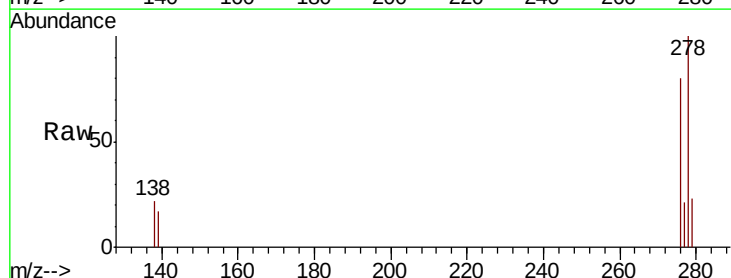
Tgt Ion:278 Resp: 335846

Ion Ratio Lower Upper

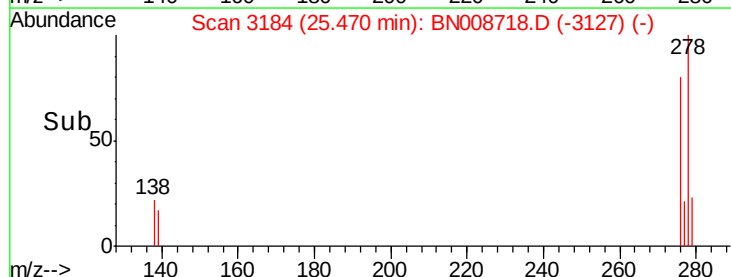
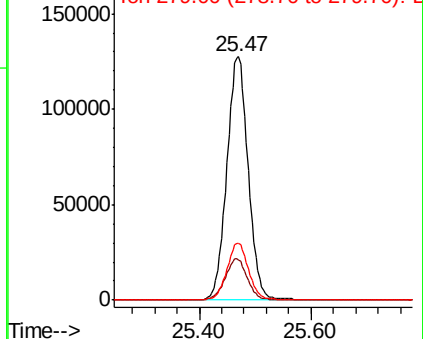
278 100

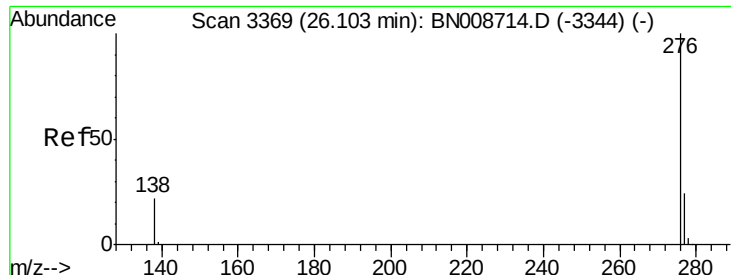
139 16.7 15.4 23.2

279 23.5 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: 5.081 ng

RT: 26.10 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BN008718.D

Acq: 22 Nov 2019 22:47

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

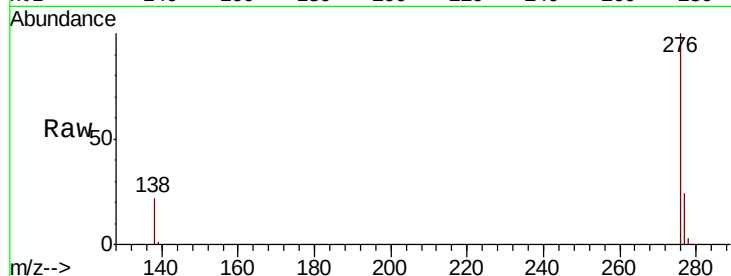
Tot Ion: 276 Resp: 338341

Ion Ratio Lower Upper

276 100

277 23.6 20.4 30.6

138 22.0 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

