

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112219\
 Data File : BN008717.D
 Acq On : 22 Nov 2019 22:12
 Operator : JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 25 10:31:10 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	4565	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	16985	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	10491	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	21786	0.40	ng	0.00
27) Chrysene-d12	21.16	240	21553	0.40	ng	0.00
34) Perylene-d12	23.32	264	21677	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	39657	3.32	ng	0.00
5) Phenol-d6	6.78	99	51328	3.40	ng	0.00
8) Nitrobenzene-d5	8.73	82	51077	3.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.95	152	89163	3.33	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	17588	3.60	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	134692	3.29	ng	0.00
25) Fluoranthene-d10	19.00	212	215690	3.37	ng	0.00
29) Terphenyl-d14	19.61	244	170698	3.29	ng	0.00

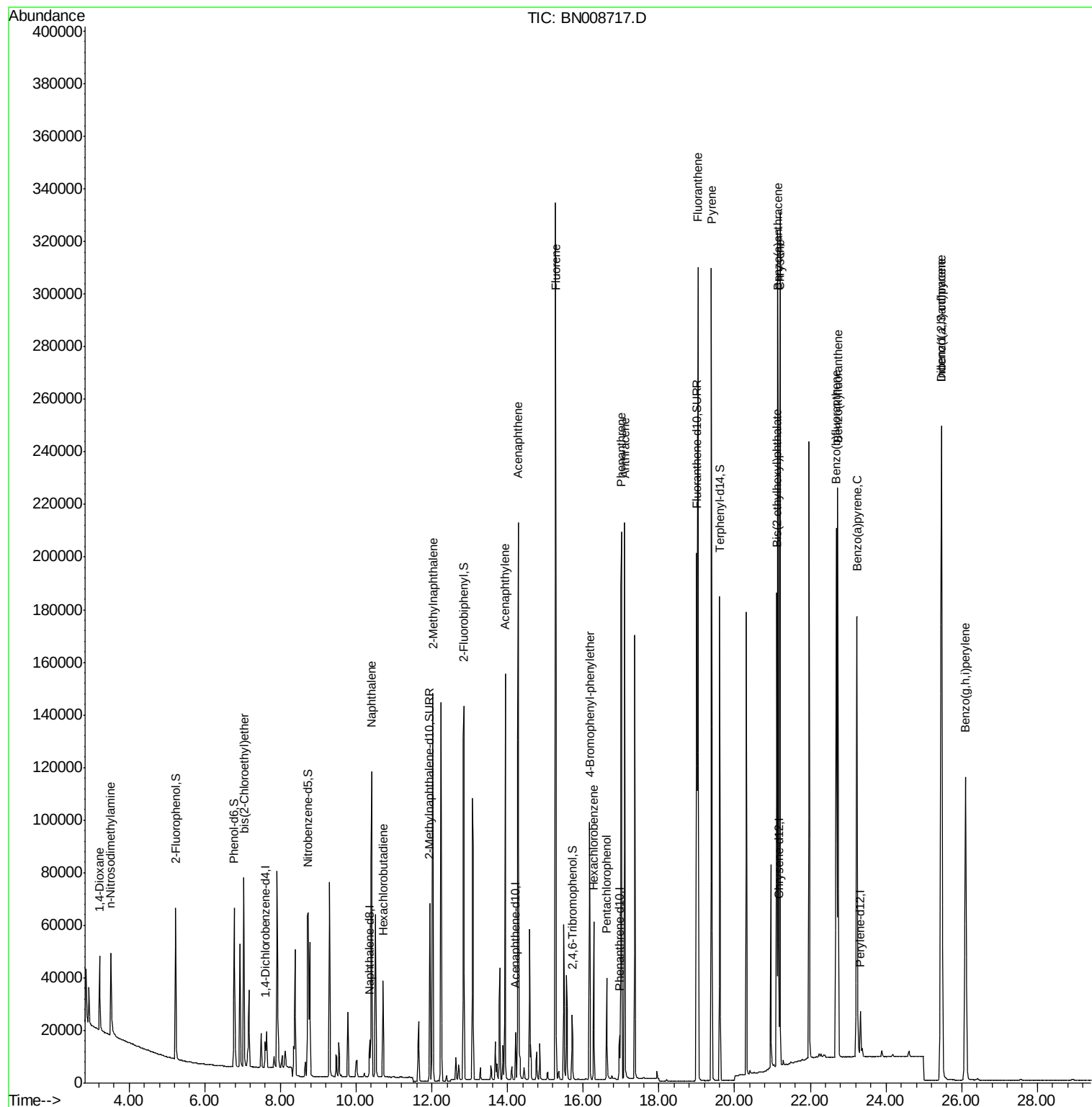
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	16015	3.318	ng	97
3) n-Nitrosodimethylamine	3.51	42	21466	7.017	ng	# 100
6) bis(2-Chloroethyl)ether	7.03	93	46648	3.293	ng	98
9) Naphthalene	10.41	128	148399	3.273	ng	98
10) Hexachlorobutadiene	10.71	225	30076	3.200	ng	# 99
12) 2-Methylnaphthalene	12.02	142	104525	3.311	ng	99
16) Acenaphthylene	13.93	152	166551	3.450	ng	100
17) Acenaphthene	14.28	154	108966	3.428	ng	95
18) Fluorene	15.27	166	136640	3.357	ng	99
20) 4-Bromophenyl-phenylether	16.17	248	45974	3.380	ng	98
21) Hexachlorobenzene	16.28	284	49744	3.324	ng	99
22) Pentachlorophenol	16.62	266	20135	3.754	ng	97
23) Phenanthrene	17.01	178	224776	3.346	ng	100
24) Anthracene	17.09	178	207694	3.459	ng	100
26) Fluoranthene	19.03	202	264346	3.351	ng	100
28) Pyrene	19.39	202	262810	3.303	ng	100
30) Benzo(a)anthracene	21.14	228	262691	3.330	ng	97
31) Chrysene	21.20	228	250071	3.274	ng	99
32) Bis(2-ethylhexyl)phthalate	21.11	149	152274	2.973	ng	99
33) Indeno(1,2,3-cd)pyrene	25.46	276	278418	3.271	ng	99
35) Benzo(b)fluoranthene	22.68	252	246273	3.285	ng	# 90
36) Benzo(k)fluoranthene	22.73	252	249901	3.291	ng	# 84
37) Benzo(a)pyrene	23.23	252	229166	3.302	ng	# 87
38) Dibenzo(a,h)anthracene	25.47	278	224579	3.279	ng	94
39) Benzo(g,h,i)perylene	26.10	276	225204	3.297	ng	96

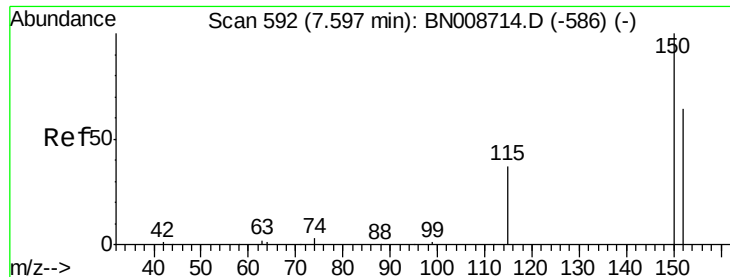
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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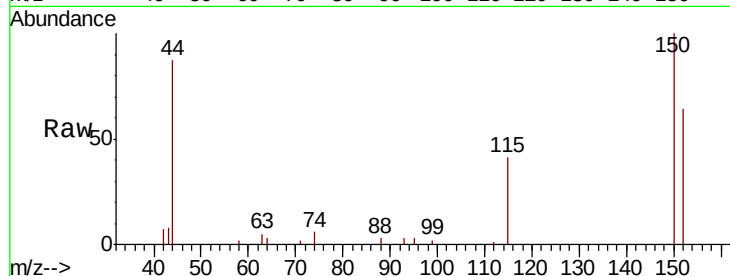


#1

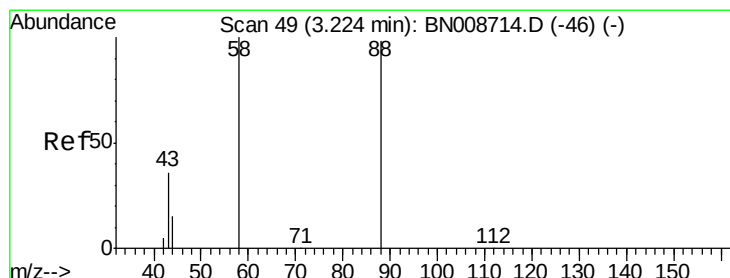
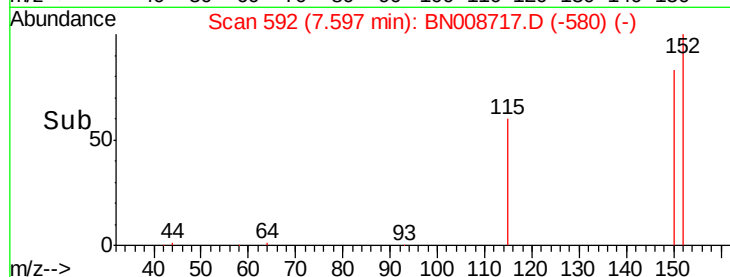
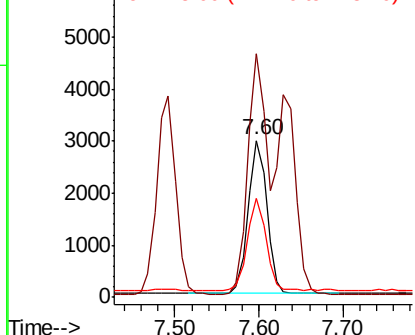
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4565
Ion Ratio Lower Upper
152 100
150 155.3 124.0 186.0
115 63.3 49.8 74.8



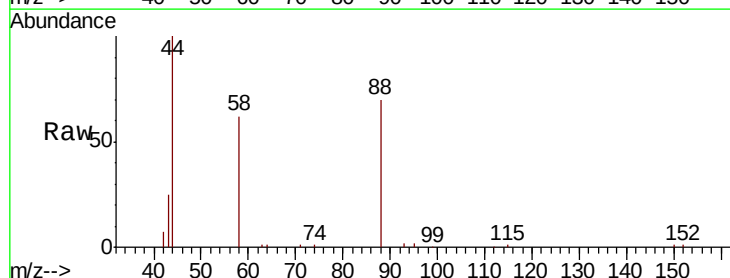
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



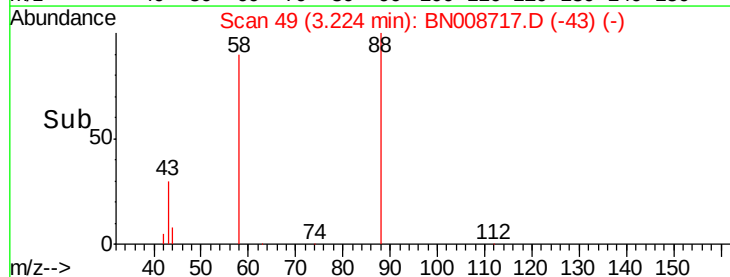
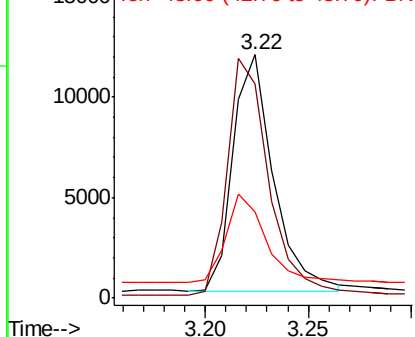
#2

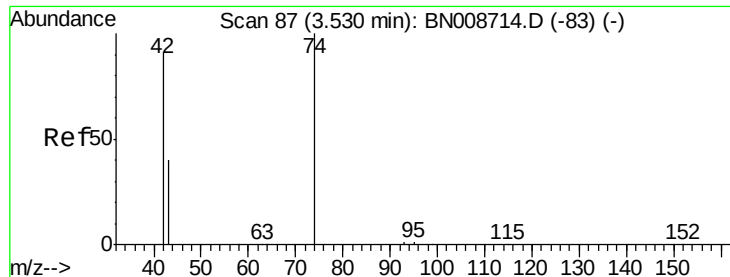
1,4-Dioxane
Concen: 3.318 ng
RT: 3.22 min Scan# 49
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion: 88 Resp: 16015
Ion Ratio Lower Upper
88 100
58 103.5 85.7 128.5
43 36.6 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: 7.017 ng

RT: 3.51 min Scan# 85

Delta R.T. -0.02 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

Instrument :

BNA_N

ClientSampleId :

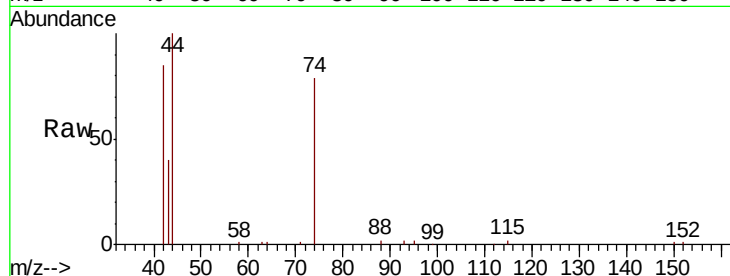
Tot Ion: 42 Resp: 21466

Ion Ratio Lower Upper

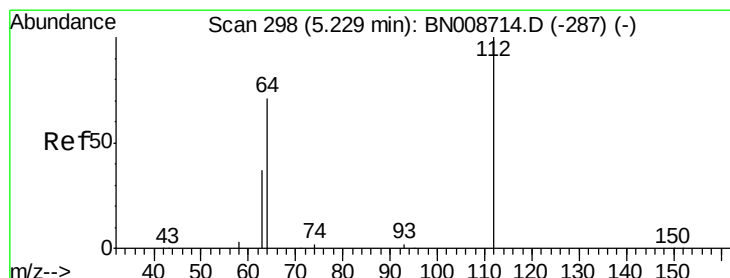
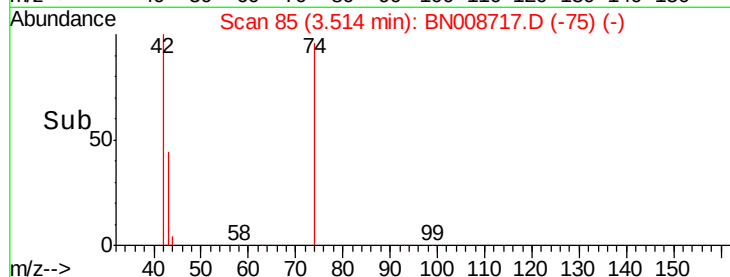
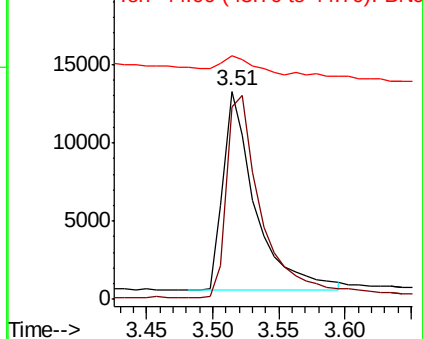
42 100

74 109.8 88.0 132.0

44 11.2 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: 3.316 ng

RT: 5.23 min Scan# 298

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

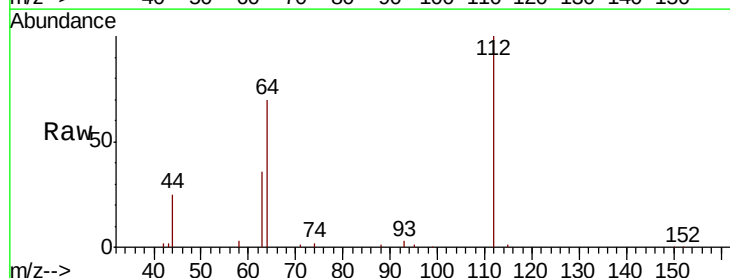
Tgt Ion: 112 Resp: 39657

Ion Ratio Lower Upper

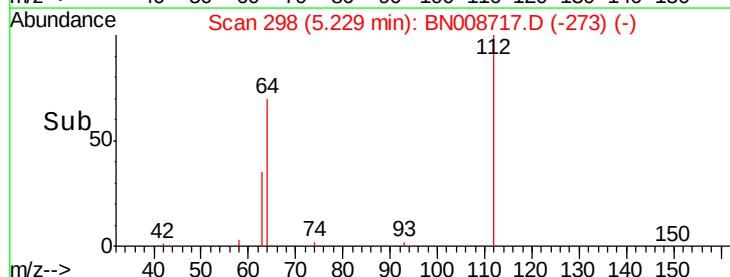
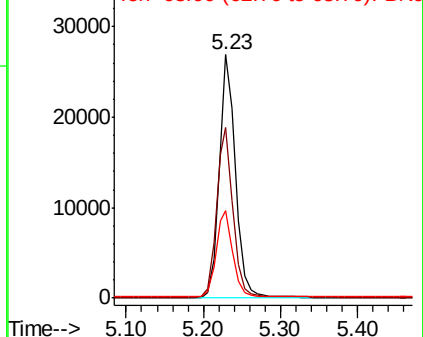
112 100

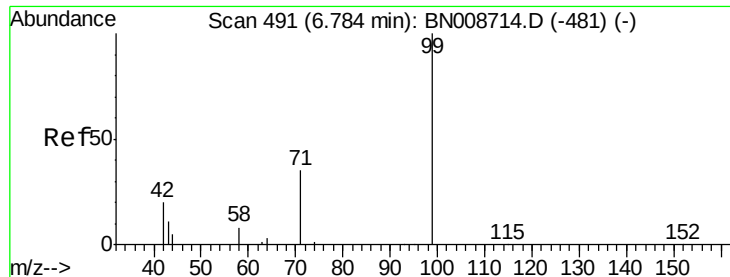
64 71.1 57.1 85.7

63 36.4 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: 3.397 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

Instrument :

BNA_N

ClientSampled :

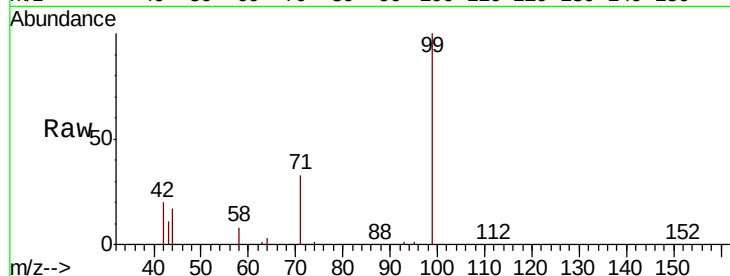
Tot Ion: 99 Resp: 51328

Ion Ratio Lower Upper

99 100

42 24.0 19.4 29.2

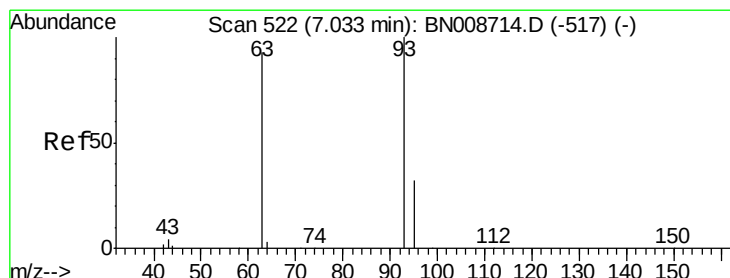
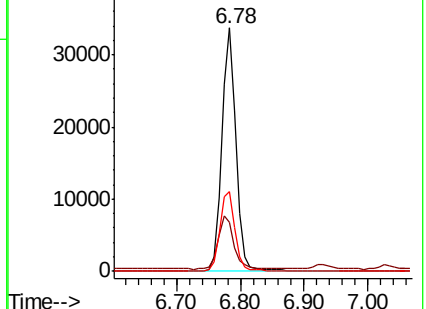
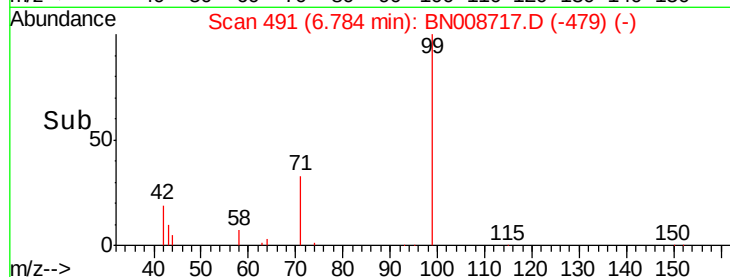
71 34.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BN008717.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN008717.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN008717.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.293 ng

RT: 7.03 min Scan# 522

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

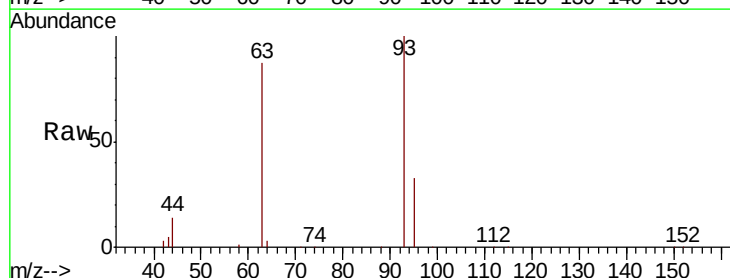
Tgt Ion: 93 Resp: 46648

Ion Ratio Lower Upper

93 100

63 94.6 74.2 111.4

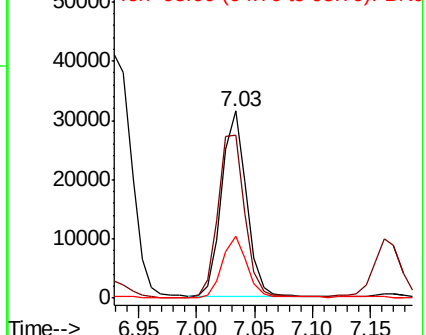
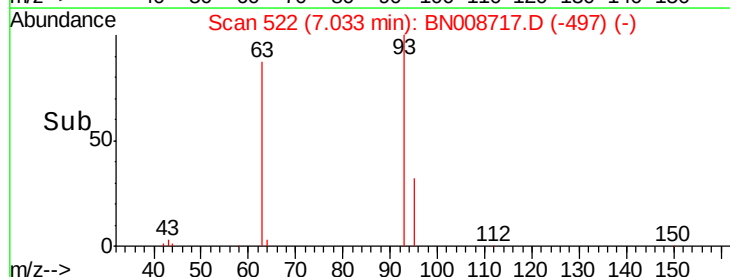
95 32.5 26.2 39.2

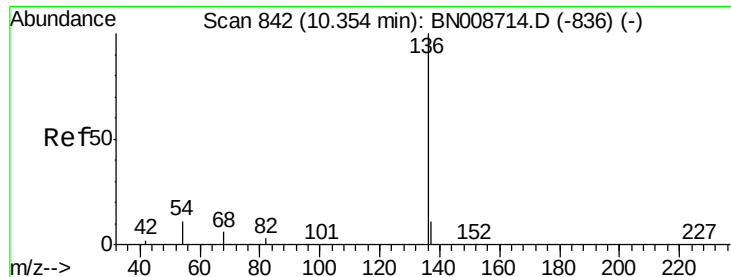


Abundance Ion 93.00 (92.70 to 93.70): BN008717.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN008717.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN008717.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 16985

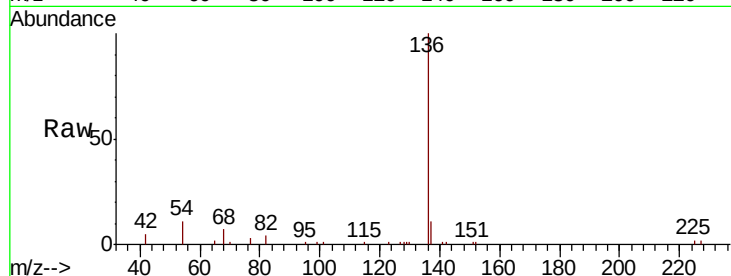
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 10.6 9.4 14.2

68 6.7 5.8 8.6

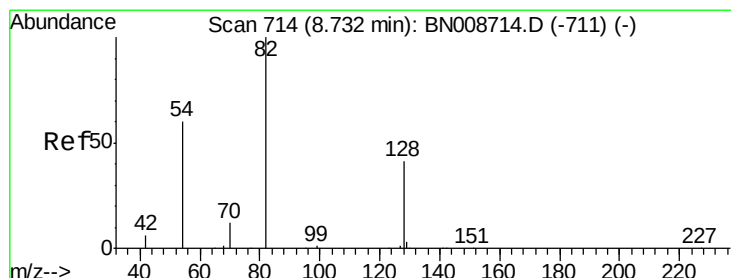
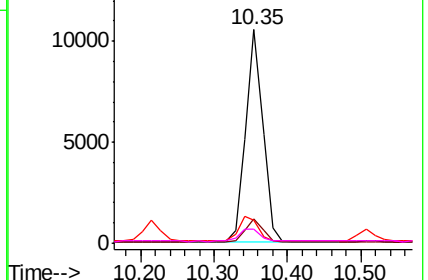
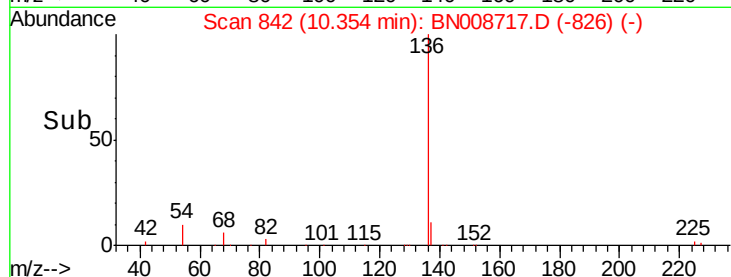


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.347 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

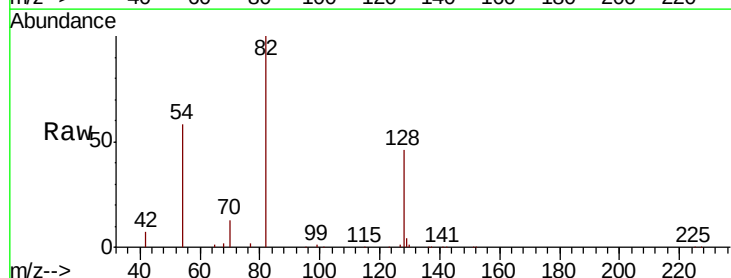
Tgt Ion: 82 Resp: 51077

Ion Ratio Lower Upper

82 100

128 46.5 34.6 52.0

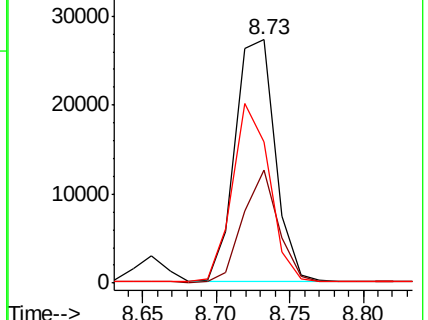
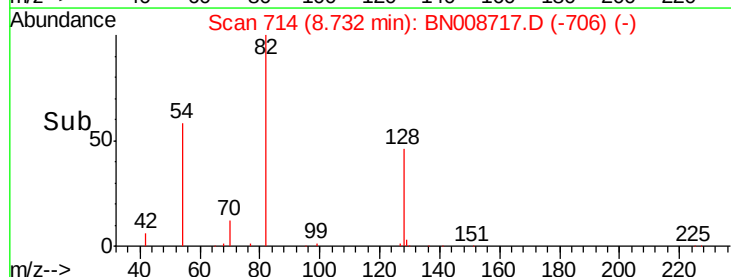
54 57.8 50.2 75.4

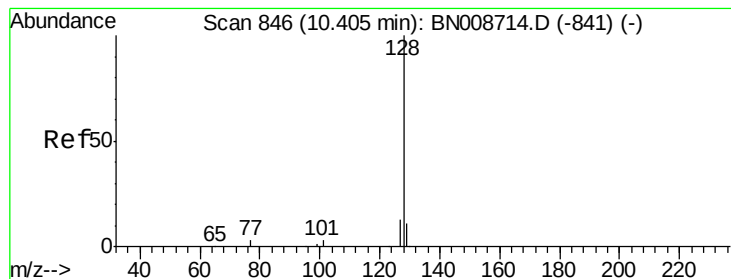


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.273 ng

RT: 10.41 min Scan# 846

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

Instrument :

BNA_N

ClientSampled :

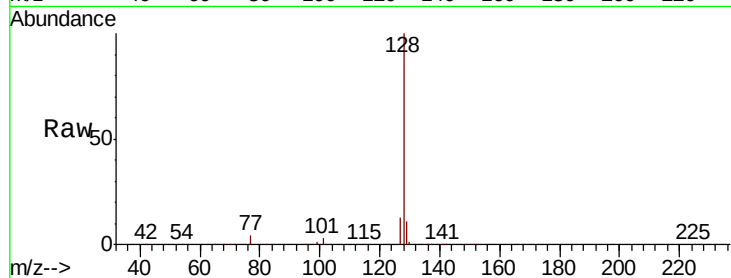
Tot Ion:128 Resp: 148399

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.2

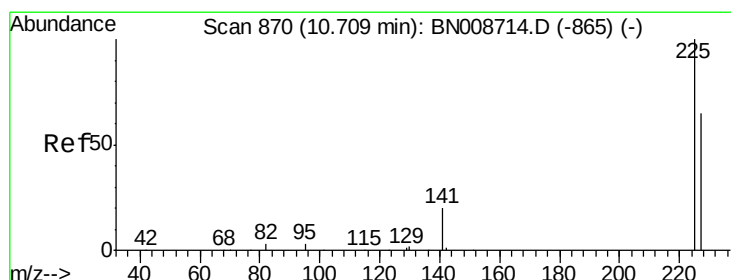
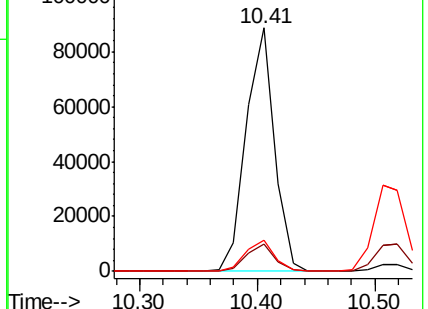
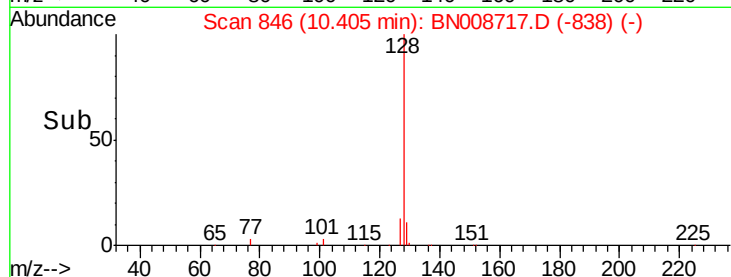
127 12.7 10.5 15.7



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: 3.200 ng

RT: 10.71 min Scan# 870

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

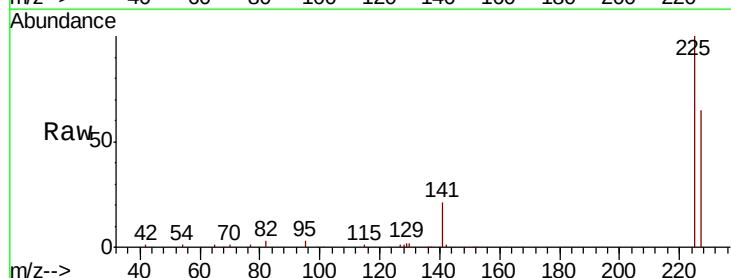
Tgt Ion:225 Resp: 30076

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

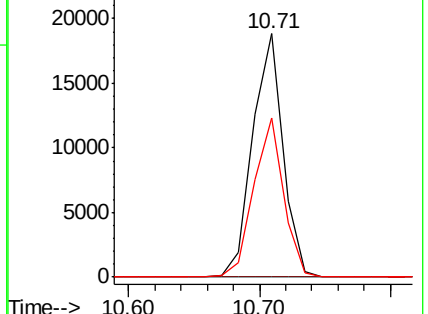
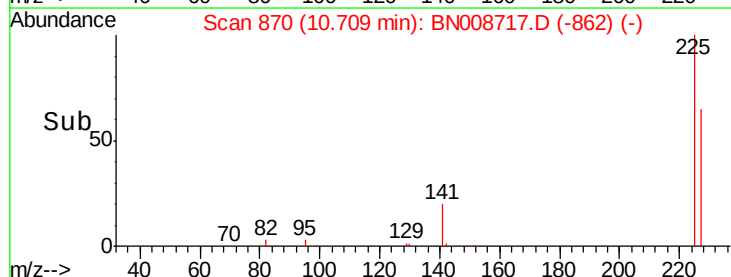
227 64.1 51.8 77.6

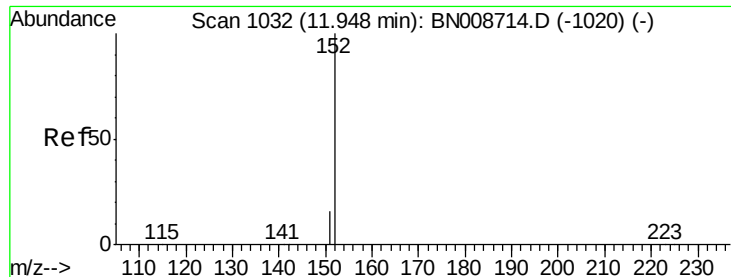


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.325 ng

RT: 11.95 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

Instrument :

BNA_N

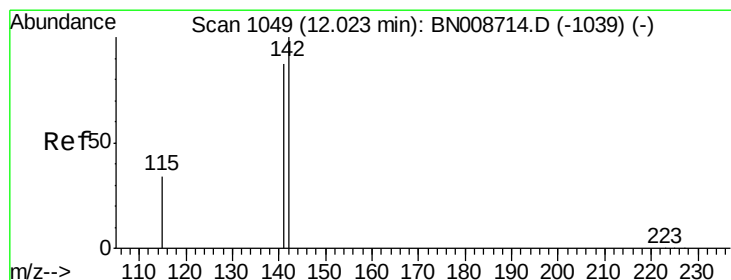
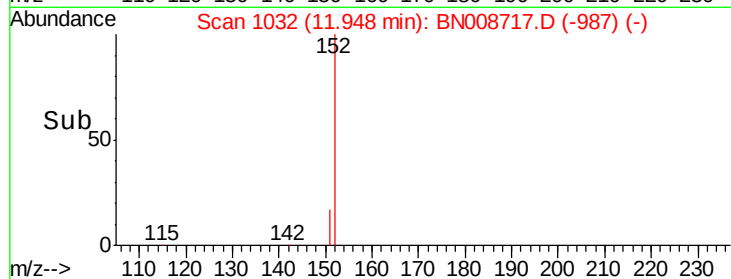
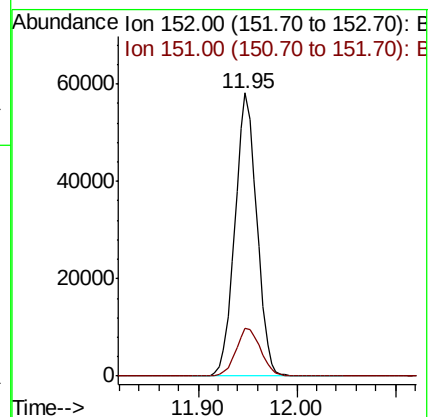
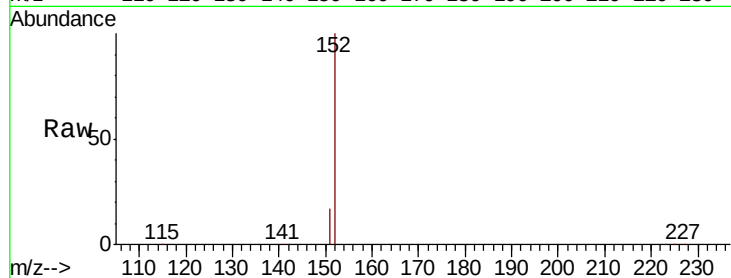
ClientSampleId :

Tot Ion:152 Resp: 89163

Ion Ratio Lower Upper

152 100

151 18.9 15.2 22.8



#12

2-Methylnaphthalene

Concen: 3.311 ng

RT: 12.02 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

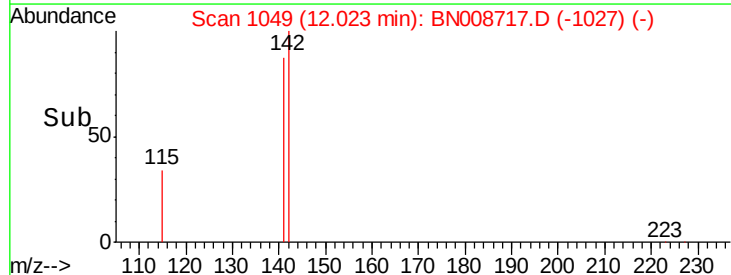
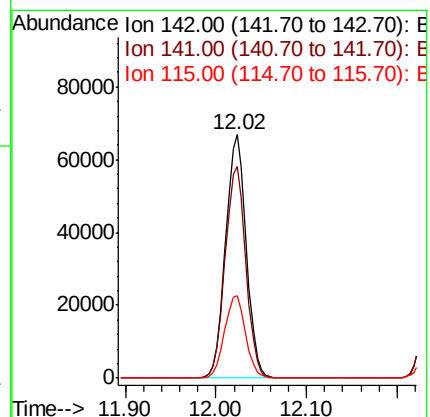
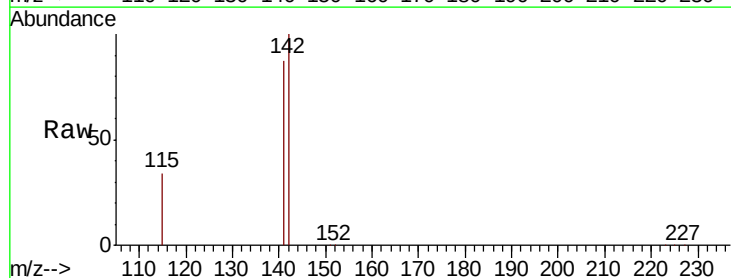
Tgt Ion:142 Resp: 104525

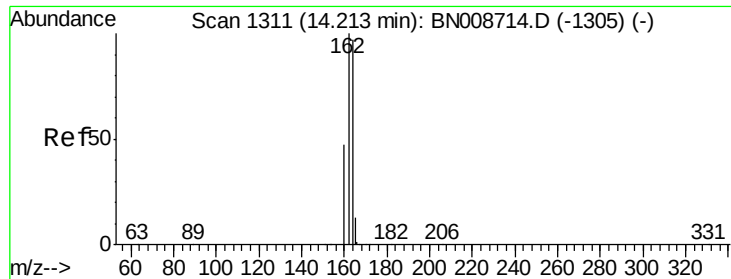
Ion Ratio Lower Upper

142 100

141 87.0 69.8 104.6

115 34.0 28.4 42.6

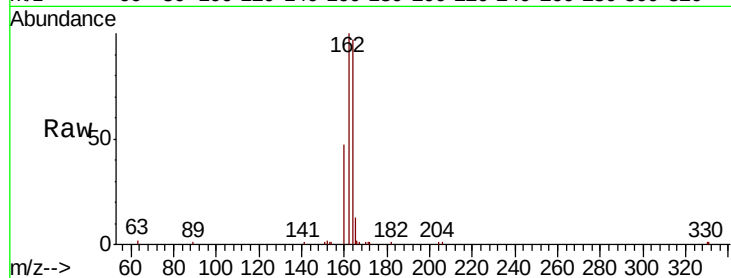




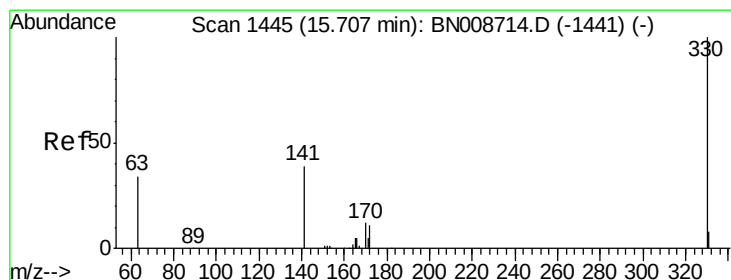
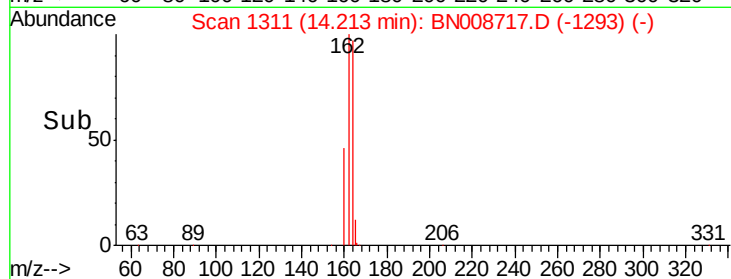
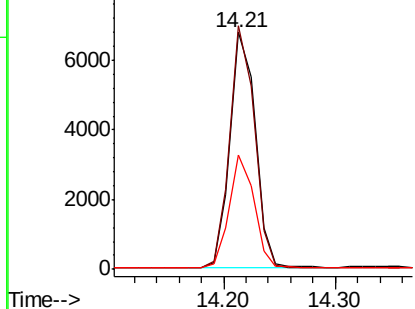
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Instrument :
BNA_N
ClientSampleId :

Tot Ion:164 Resp: 10491
Ion Ratio Lower Upper
164 100
162 102.8 82.2 123.4
160 48.2 38.7 58.1

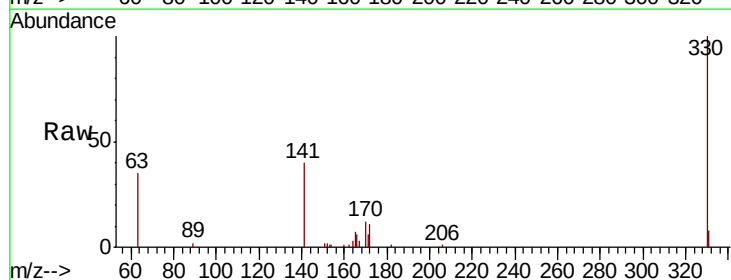


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

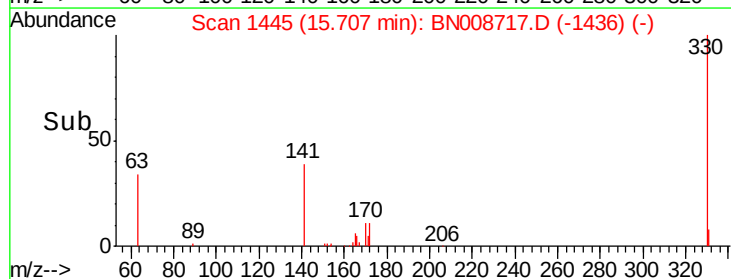
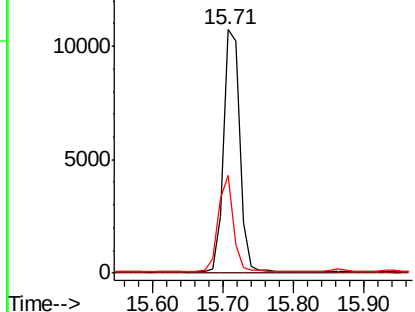


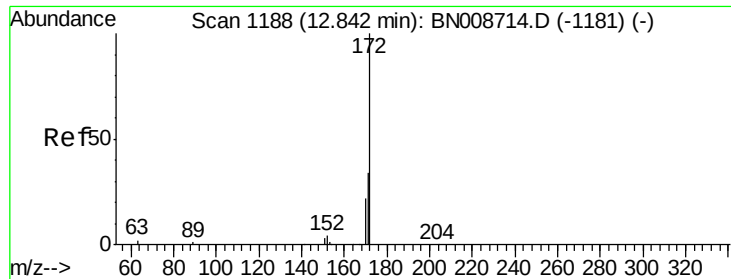
#14
2,4,6-Tribromophenol
Concen: 3.605 ng
RT: 15.71 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:330 Resp: 17588
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.8 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

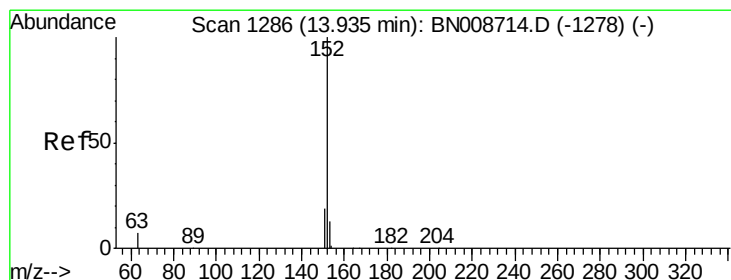
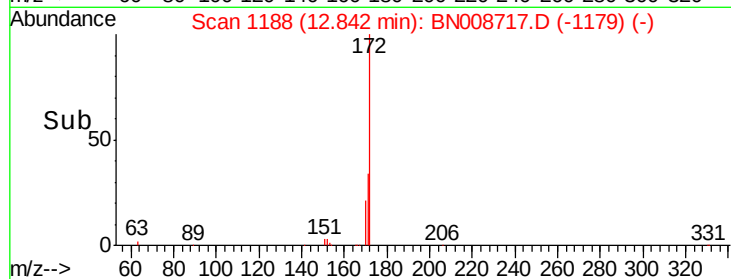
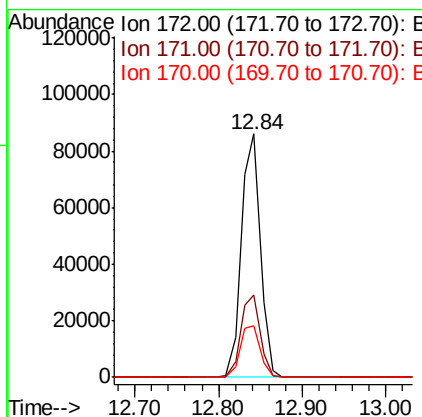
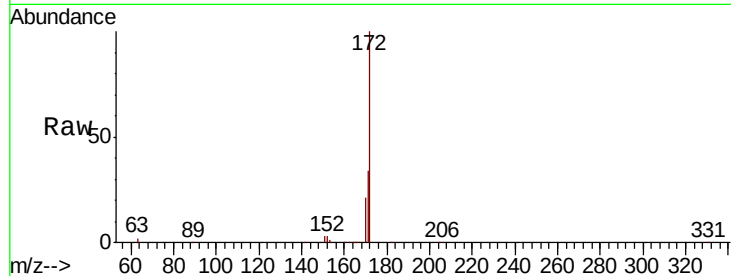




#15
2-Fluorobiphenyl
Concen: 3.285 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

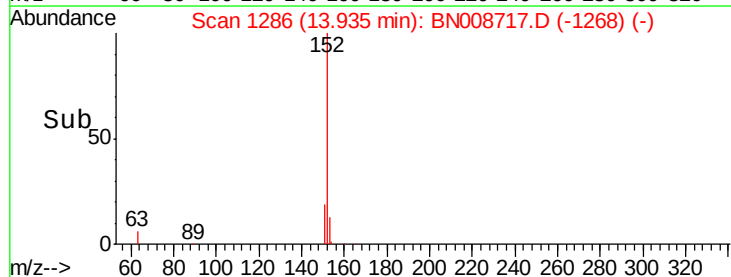
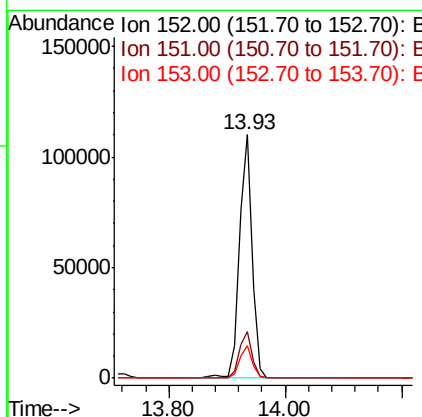
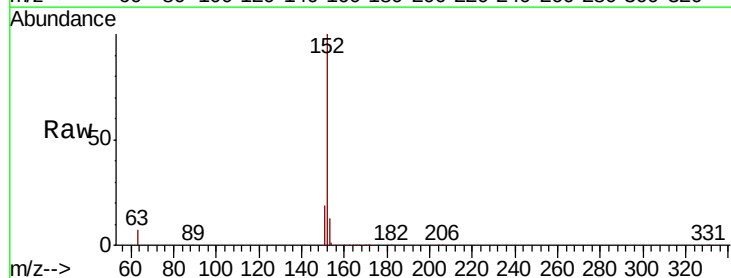
Instrument :
BNA_N
ClientSampled :

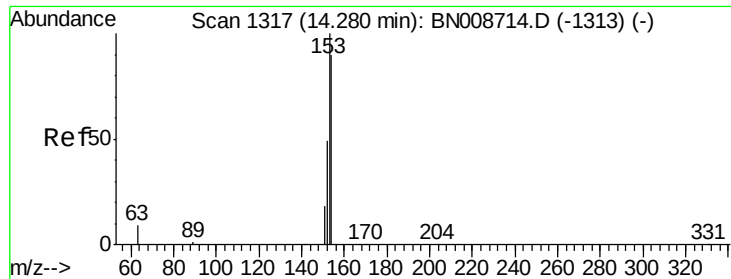
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.3	40.9
170	21.5	17.8	26.6



#16
Acenaphthylene
Concen: 3.450 ng
RT: 13.93 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.0	10.3	15.5





#17

Acenaphthene

Concen: 3.428 ng

RT: 14.28 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

Instrument :

BNA_N

ClientSampleId :

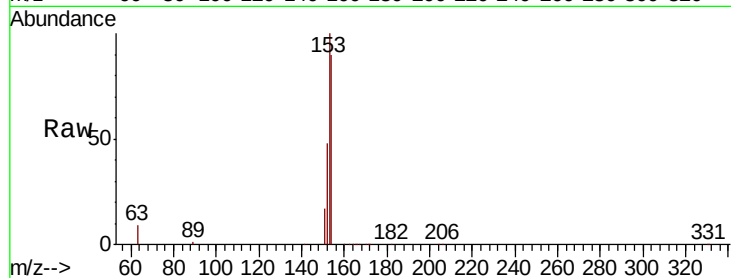
Tot Ion:154 Resp: 108966

Ion Ratio Lower Upper

154 100

153 106.5 89.6 134.4

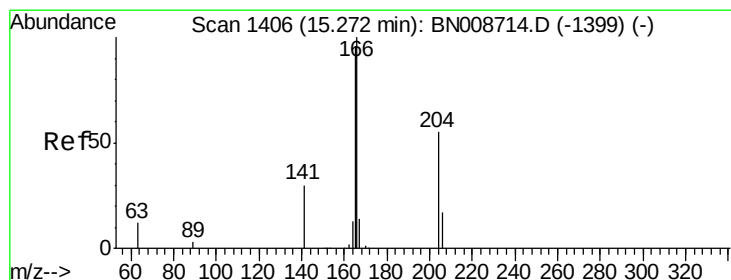
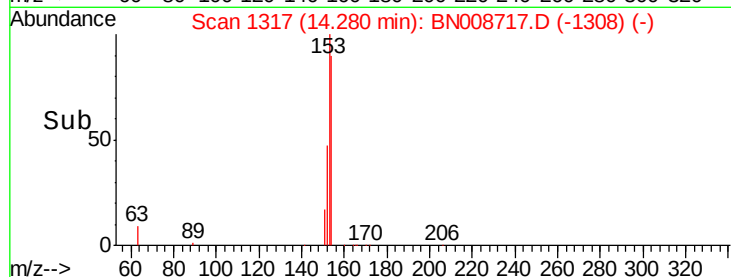
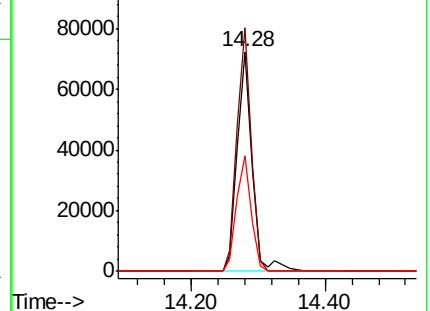
152 51.8 44.7 67.1



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: 3.357 ng

RT: 15.27 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

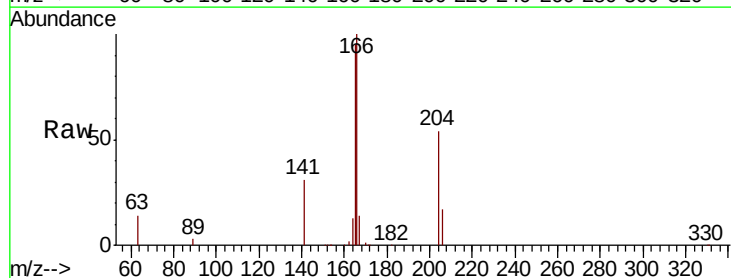
Tgt Ion:166 Resp: 136640

Ion Ratio Lower Upper

166 100

165 96.4 77.7 116.5

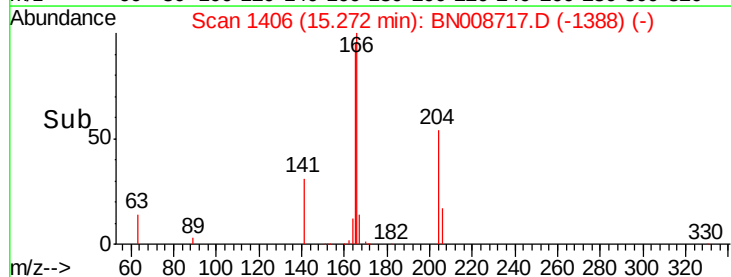
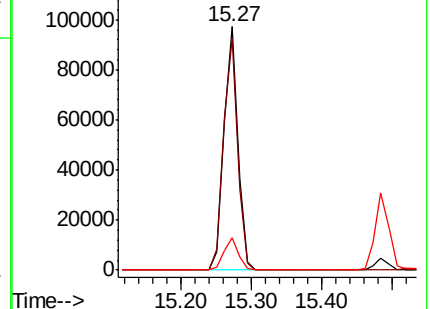
167 13.4 10.8 16.2

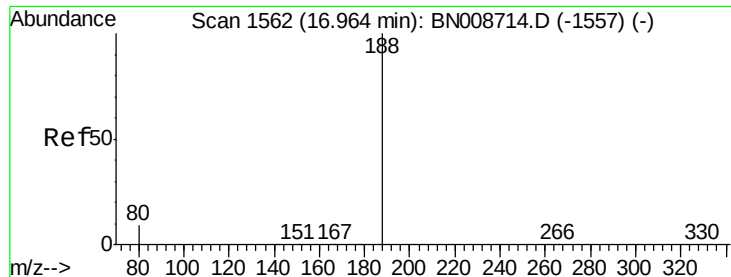


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN008717.D

Acq: 22 Nov 2019 22:12

Instrument :

BNA_N

ClientSampleId :

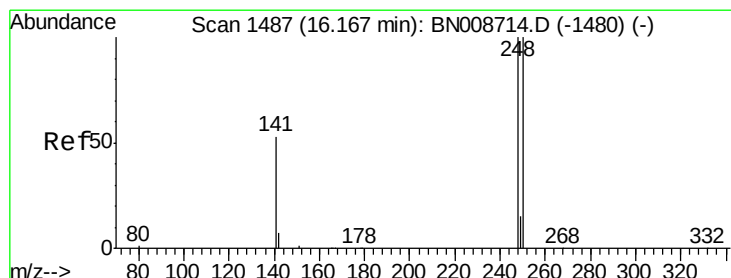
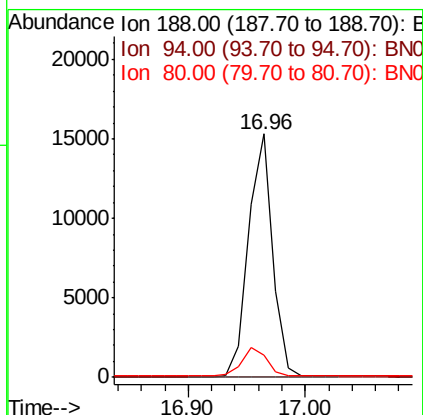
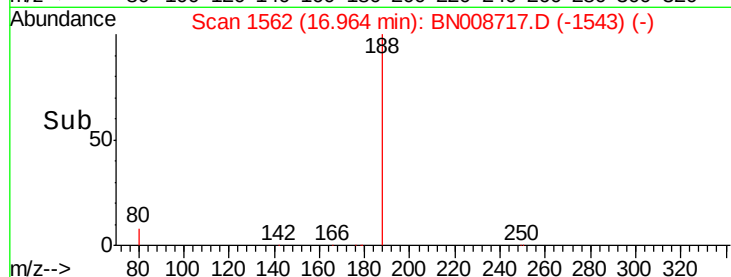
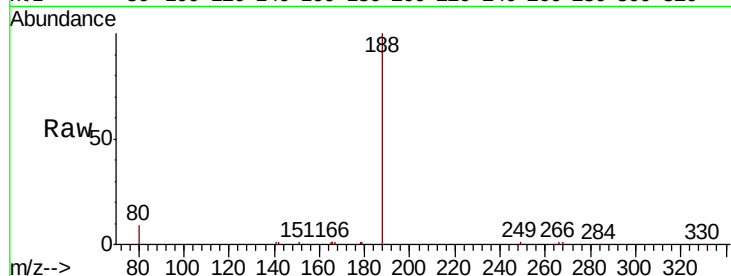
Tot Ion:188 Resp: 21786

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 7.4 11.0



#20

4-Bromophenyl-phenylether

Concen: 3.380 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

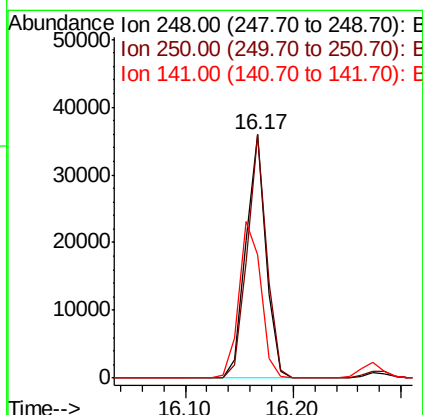
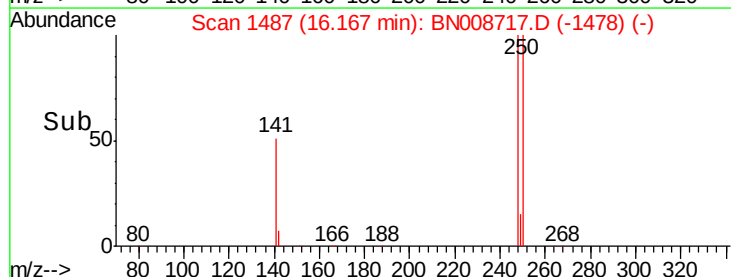
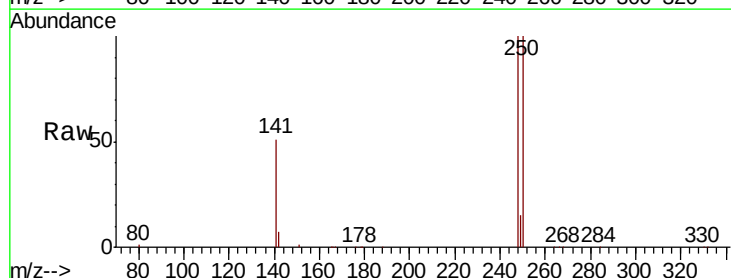
Tgt Ion:248 Resp: 45974

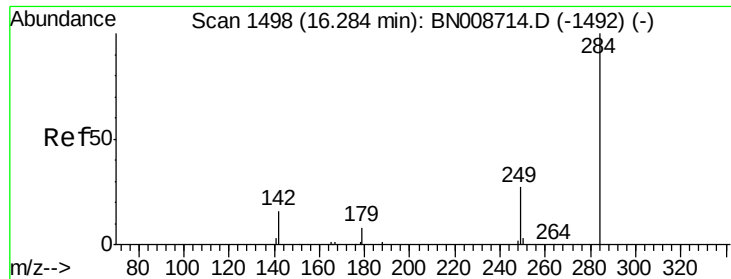
Ion Ratio Lower Upper

248 100

250 100.2 80.5 120.7

141 51.0 43.8 65.6

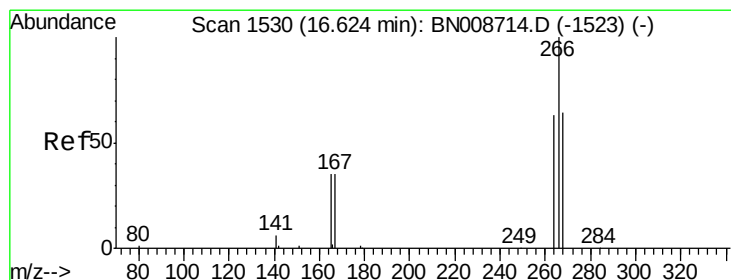
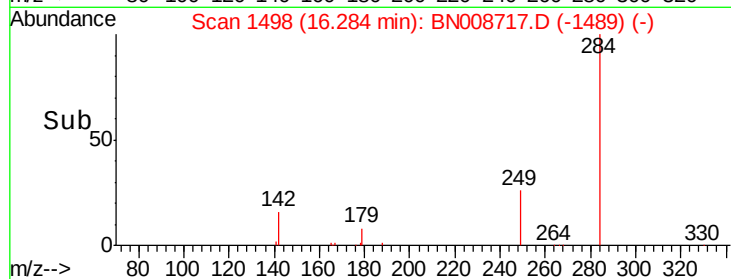
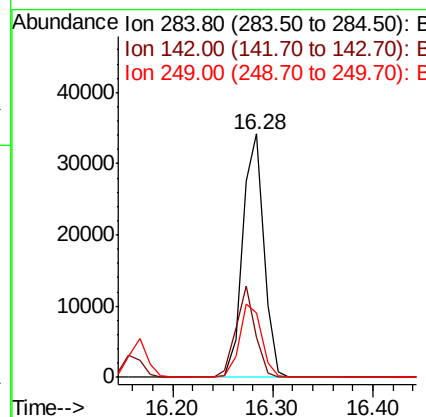
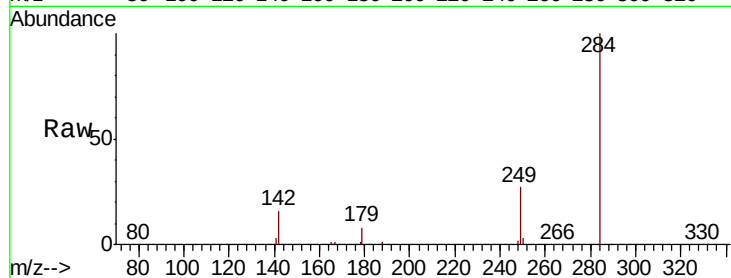




#21
Hexachlorobenzene
Concen: 3.324 ng
RT: 16.28 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

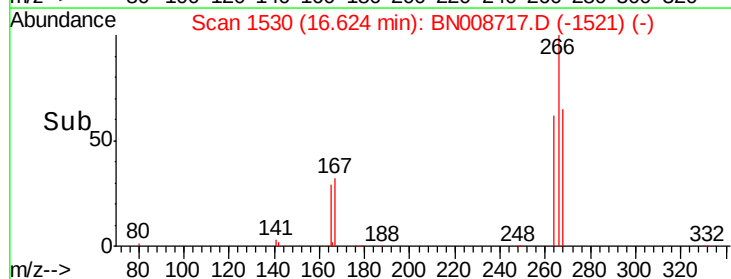
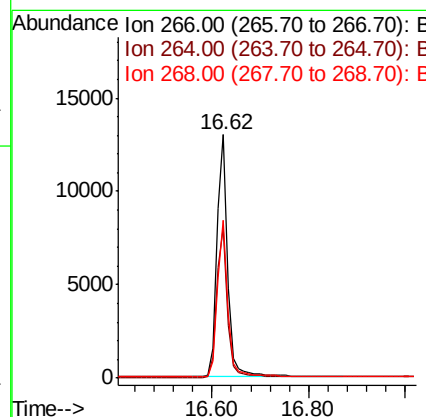
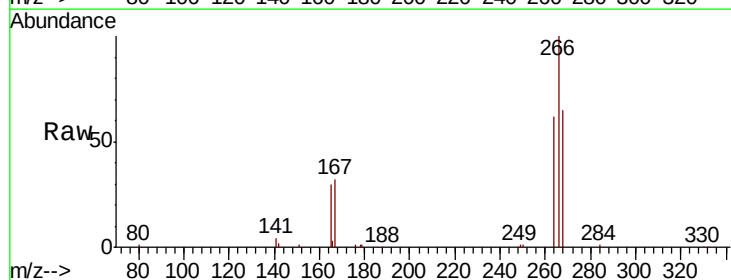
Instrument :
BNA_N
ClientSampleId :

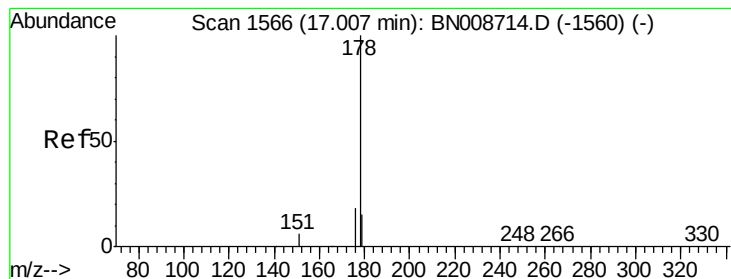
Tot Ion:284 Resp: 49744
Ion Ratio Lower Upper
284 100
142 34.2 27.4 41.0
249 31.0 25.4 38.0



#22
Pentachlorophenol
Concen: 3.754 ng
RT: 16.62 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BN008717.D
Acq: 22 Nov 2019 22:12

Tgt Ion:266 Resp: 20135
Ion Ratio Lower Upper
266 100
264 61.8 51.0 76.4
268 65.0 54.1 81.1





#23

Phenanthrene

Concen: 3.346 ng

RT: 17.01 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

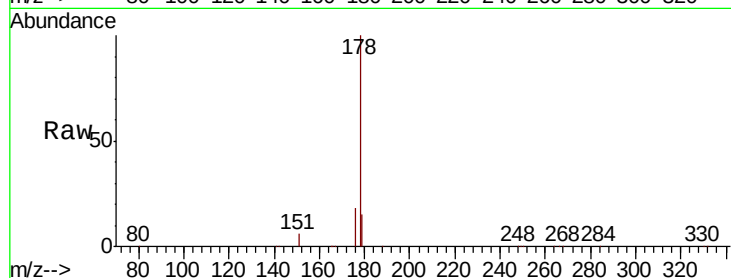
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 224776

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.2	12.3	18.5

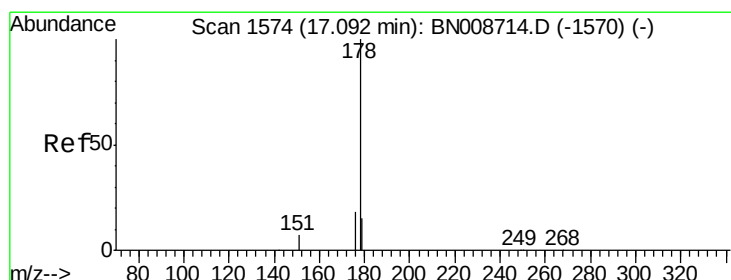
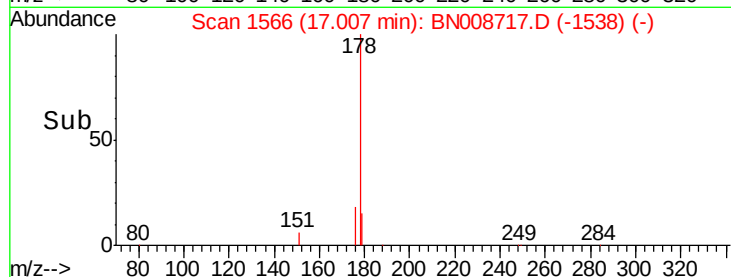
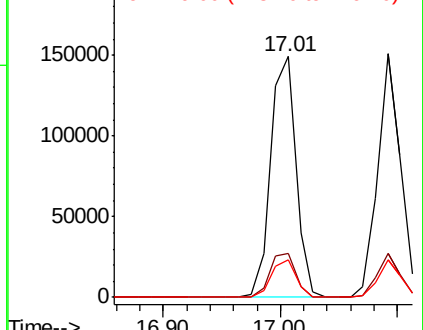


Abundance

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: 3.459 ng

RT: 17.09 min Scan# 1574

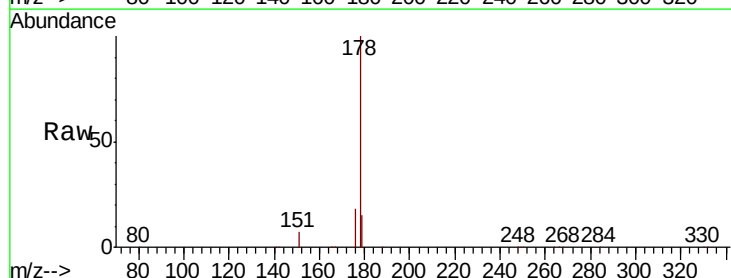
Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

Tgt Ion:178 Resp: 207694

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.4	21.6
179	15.2	12.0	18.0

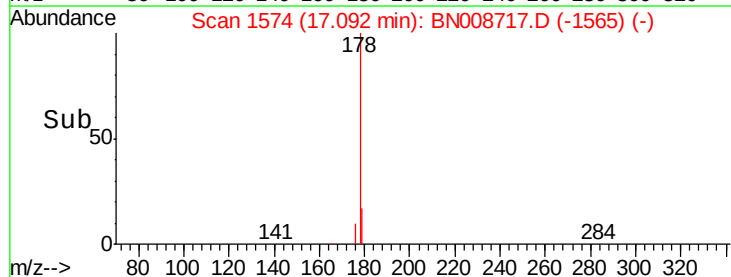
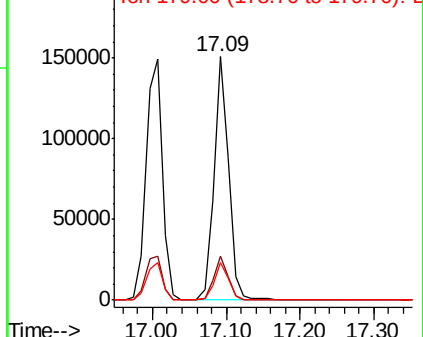


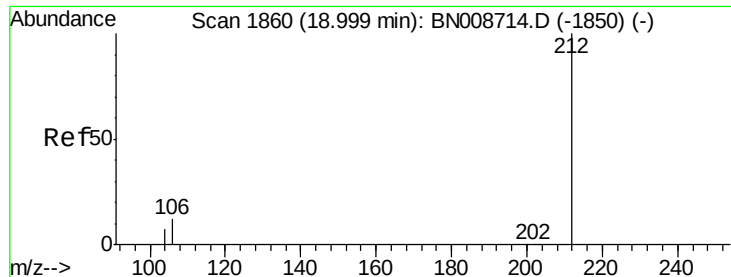
Abundance

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: 3.369 ng

RT: 19.00 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

Instrument :

BNA_N

ClientSampleId :

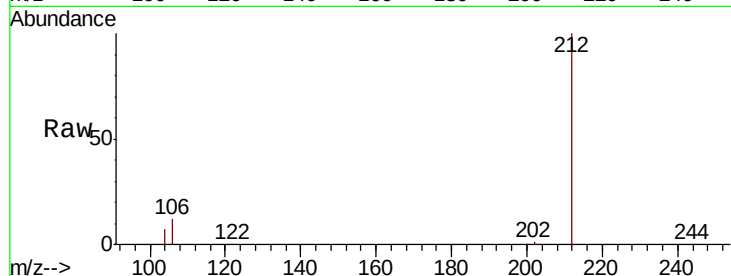
Tot Ion:212 Resp: 215690

Ion Ratio Lower Upper

212 100

106 13.3 10.6 15.8

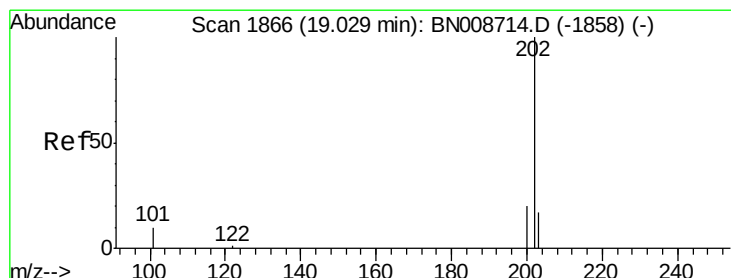
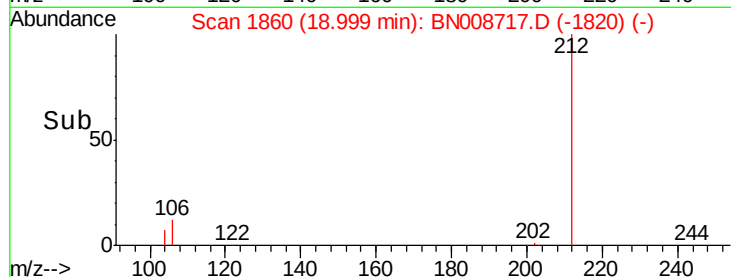
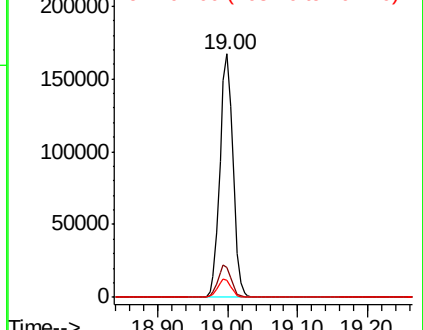
104 7.5 6.0 9.0



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: 3.351 ng

RT: 19.03 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

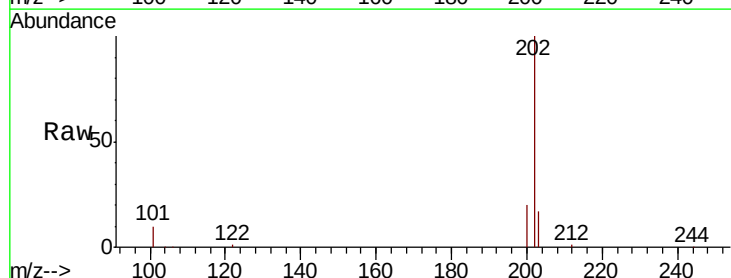
Tgt Ion:202 Resp: 264346

Ion Ratio Lower Upper

202 100

101 11.1 9.0 13.4

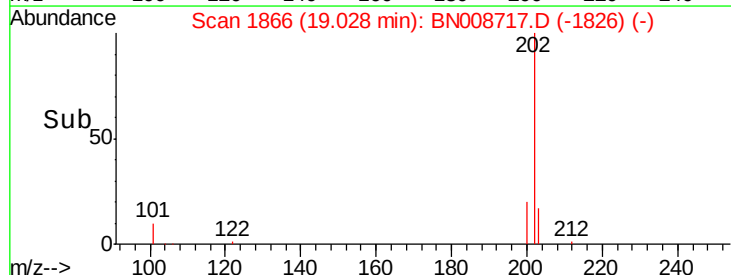
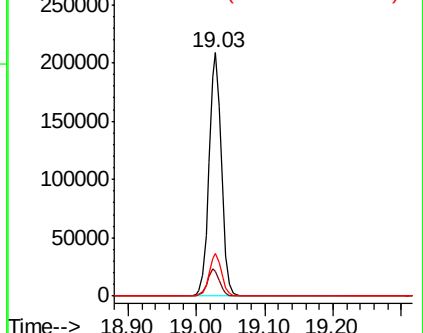
203 17.2 13.8 20.6

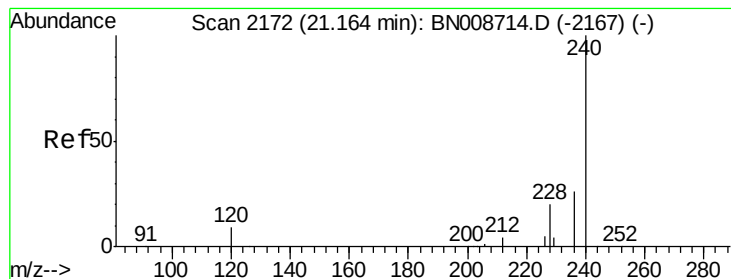


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2172

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

Instrument :

BNA_N

ClientSampleId :

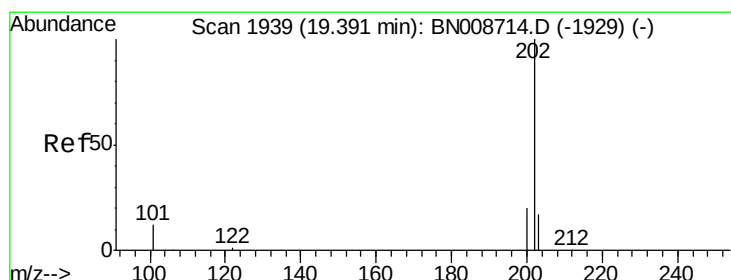
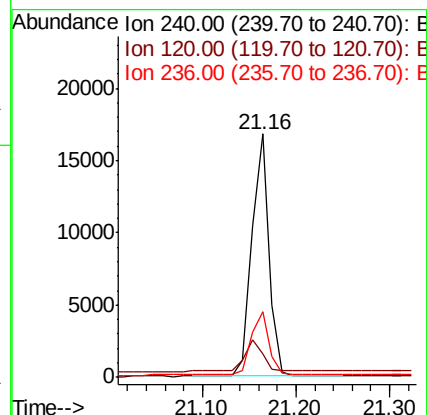
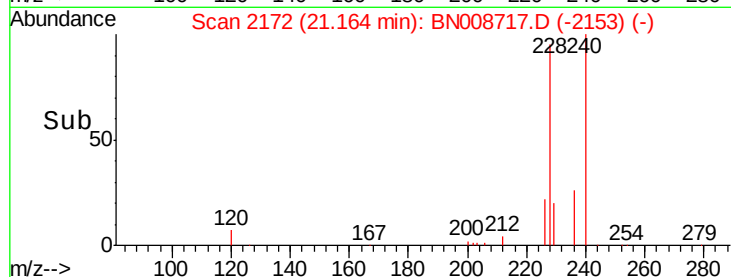
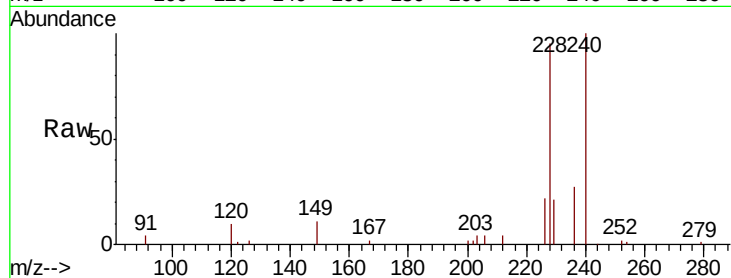
Tot Ion:240 Resp: 21553

Ion Ratio Lower Upper

240 100

120 9.7 9.0 13.4

236 26.9 21.8 32.6



#28

Pyrene

Concen: 3.303 ng

RT: 19.39 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

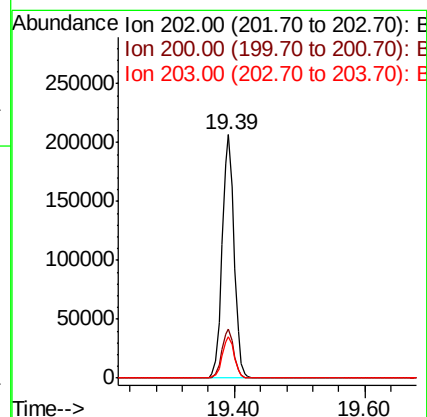
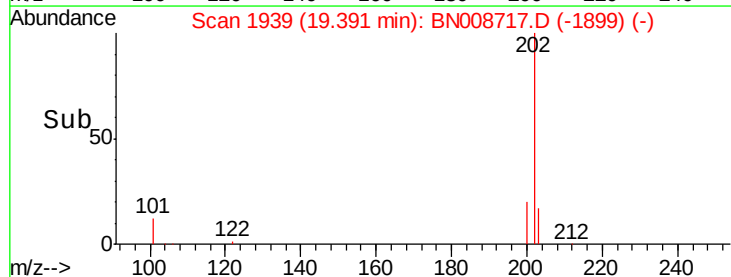
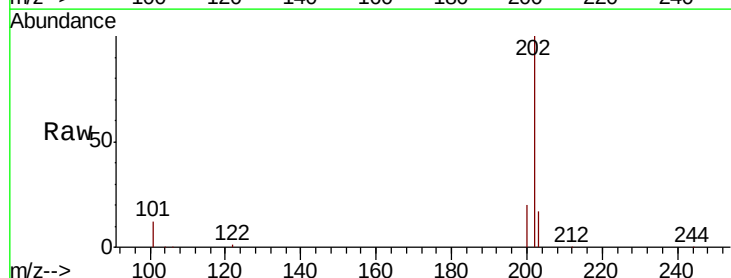
Tgt Ion:202 Resp: 262810

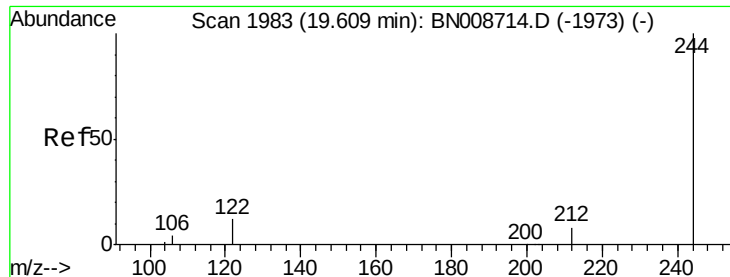
Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.4

203 17.4 14.0 21.0





#29

Terphenyl-d14

Concen: 3.292 ng

RT: 19.61 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

Instrument :

BNA_N

ClientSampleId :

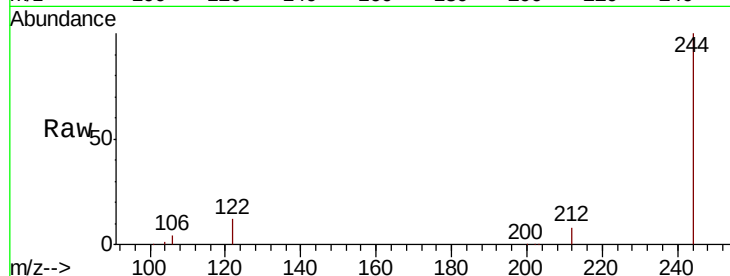
Tot Ion:244 Resp: 170698

Ion Ratio Lower Upper

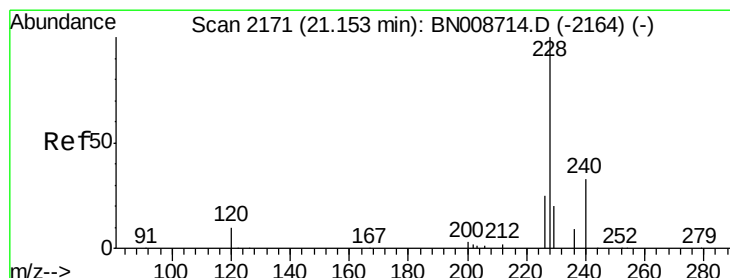
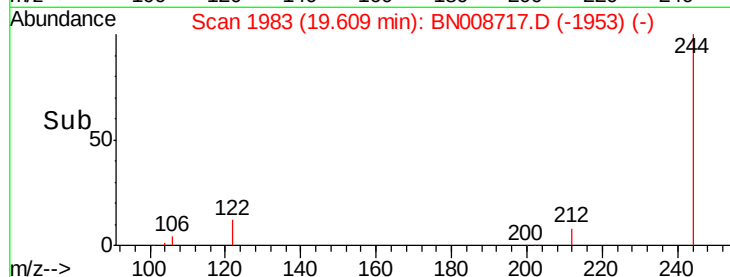
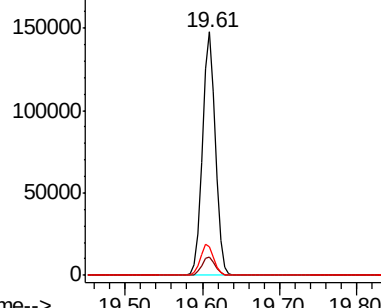
244 100

212 7.6 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: 3.330 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

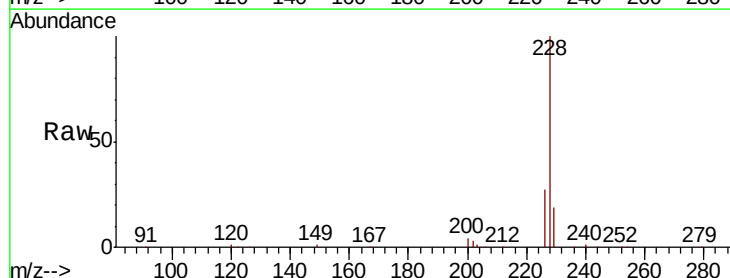
Tgt Ion:228 Resp: 262691

Ion Ratio Lower Upper

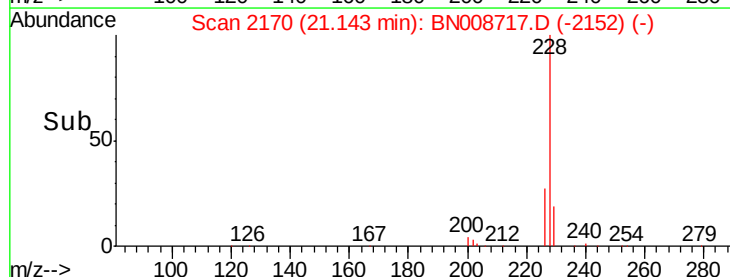
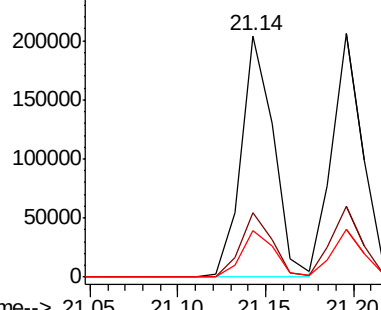
228 100

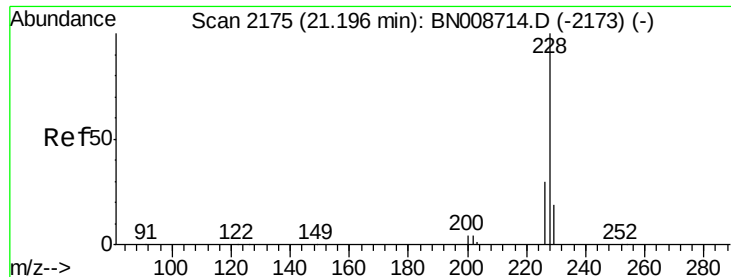
226 26.9 20.3 30.5

229 19.2 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: 3.274 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

Instrument :

BNA_N

ClientSampleId :

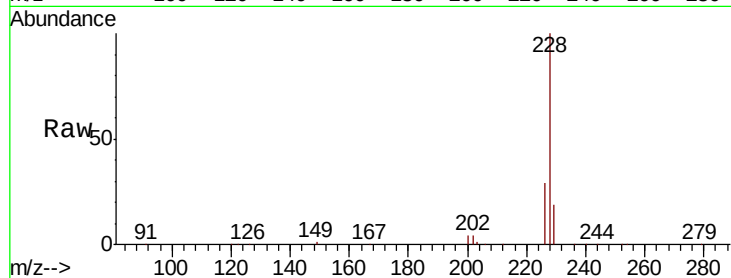
Tot Ion:228 Resp: 250071

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.8

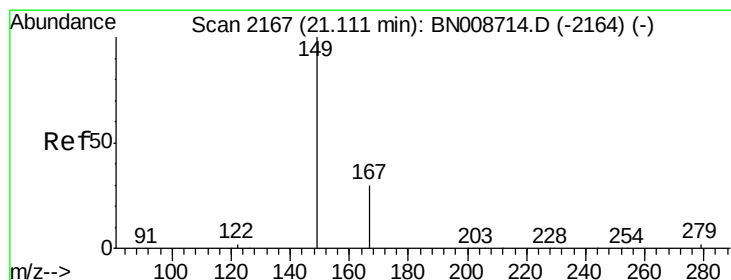
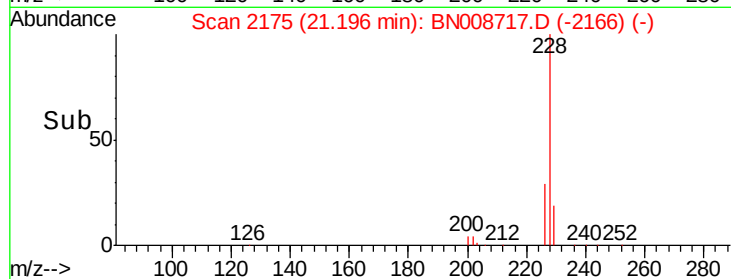
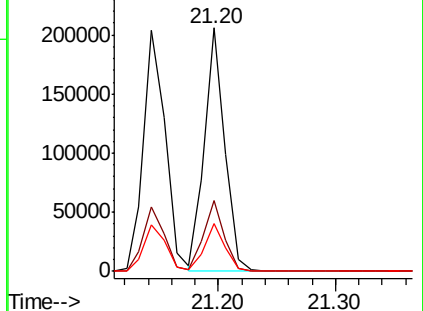
229 19.4 15.4 23.0



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: 2.973 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

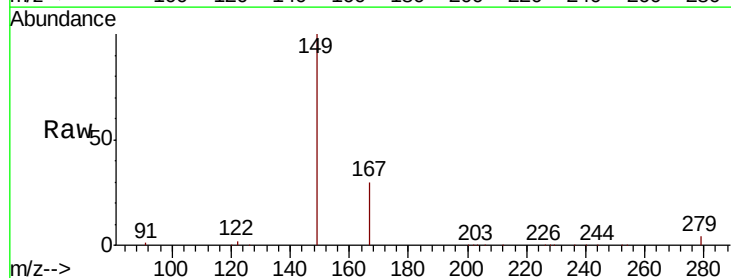
Tgt Ion:149 Resp: 152274

Ion Ratio Lower Upper

149 100

167 29.0 23.5 35.3

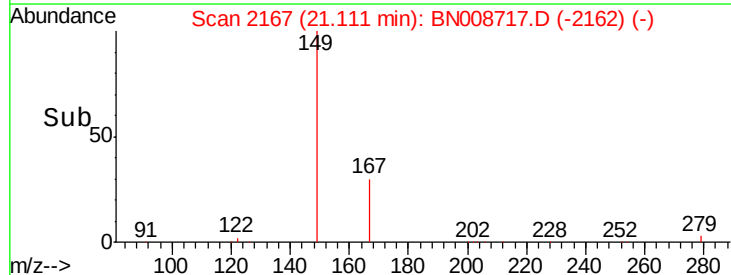
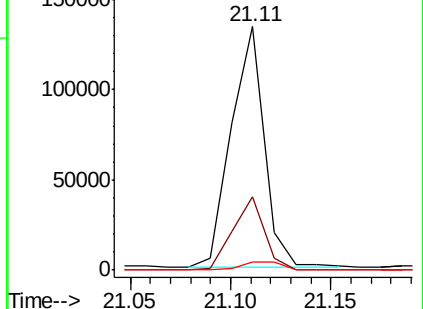
279 4.0 3.4 5.0

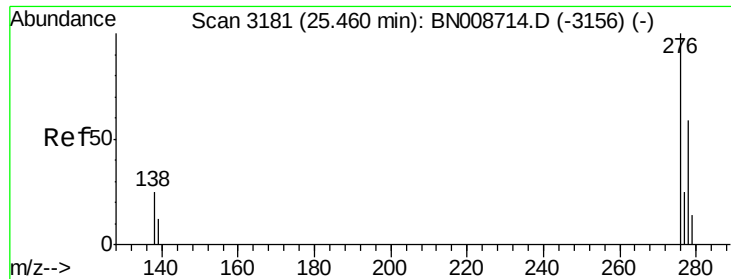


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

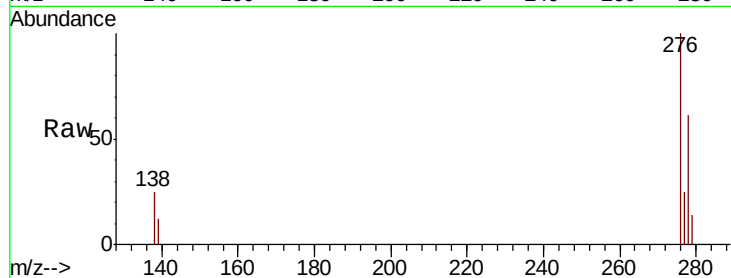




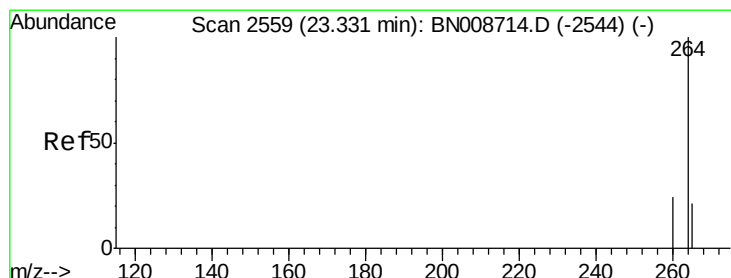
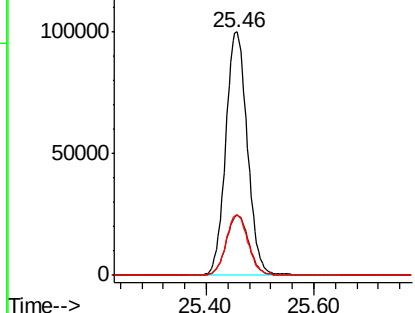
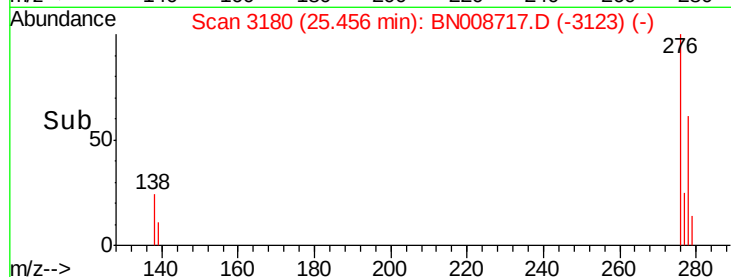
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.271 ng
 RT: 25.46 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BN008717.D
 Acq: 22 Nov 2019 22:12

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 278418
 Ion Ratio Lower Upper
 276 100
 138 25.5 21.0 31.6
 277 24.8 19.9 29.9

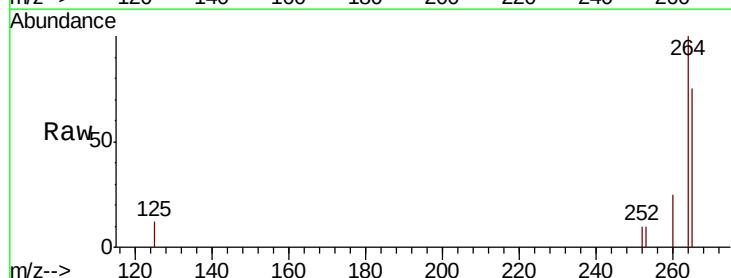


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

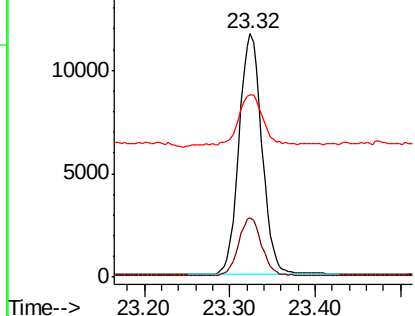
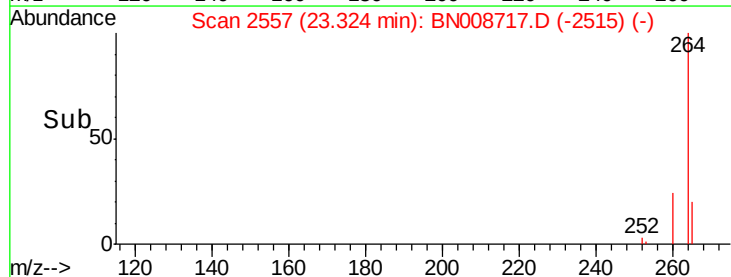


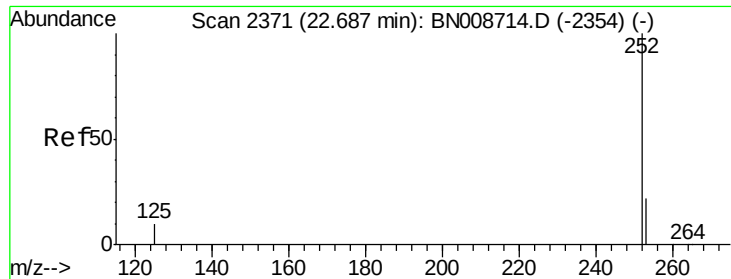
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.32 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BN008717.D
 Acq: 22 Nov 2019 22:12

Tgt Ion:264 Resp: 21677
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 74.7 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: 3.285 ng

RT: 22.68 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

Instrument :

BNA_N

ClientSampleId :

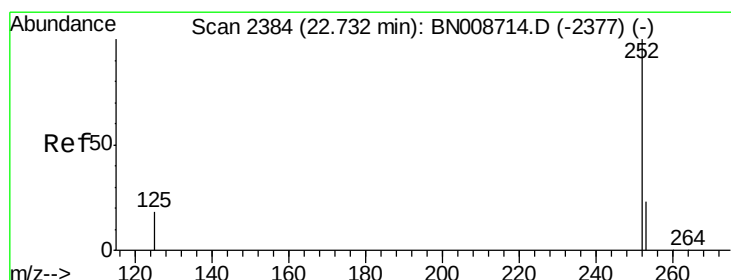
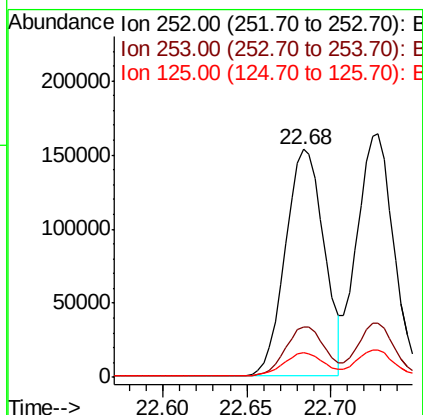
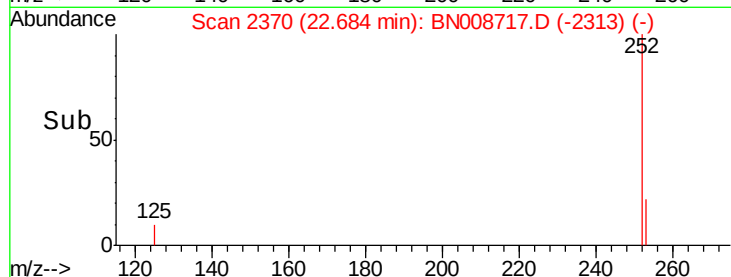
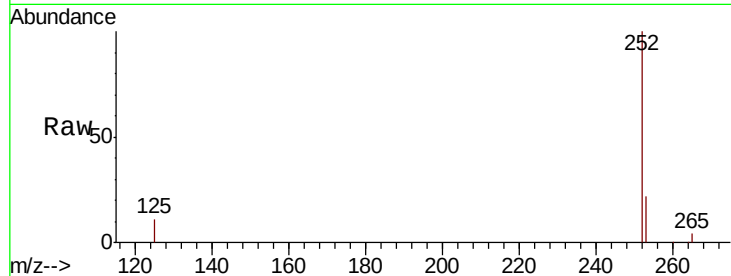
Tot Ion:252 Resp: 246273

Ion Ratio Lower Upper

252 100

253 22.1 20.8 31.2

125 10.7 13.5 20.3#



#36

Benzo(k)fluoranthene

Concen: 3.291 ng

RT: 22.73 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

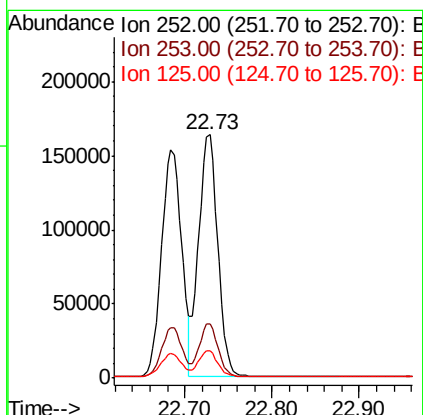
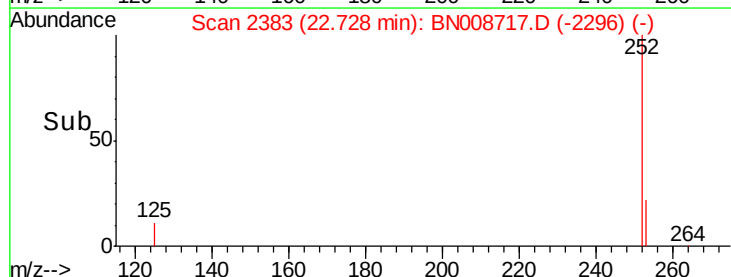
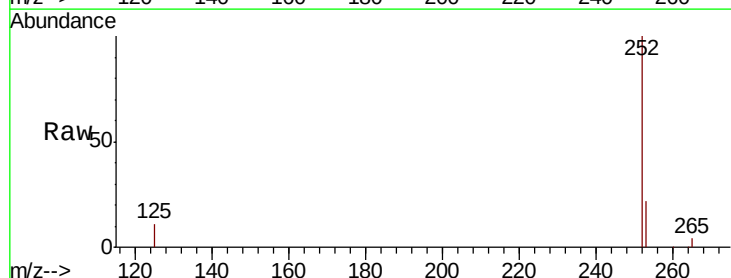
Tgt Ion:252 Resp: 249901

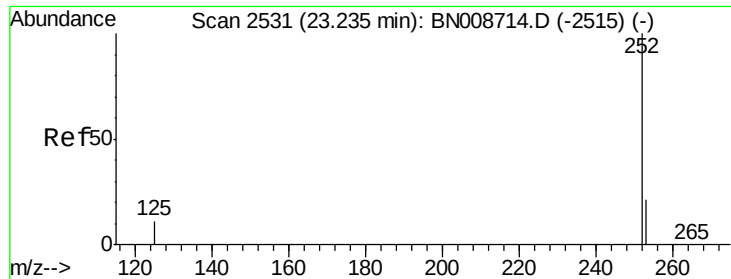
Ion Ratio Lower Upper

252 100

253 22.5 21.8 32.6

125 11.4 18.2 27.4#





#37

Benzo(a)pyrene

Concen: 3.302 ng

RT: 23.23 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

Instrument :

BNA_N

ClientSampleId :

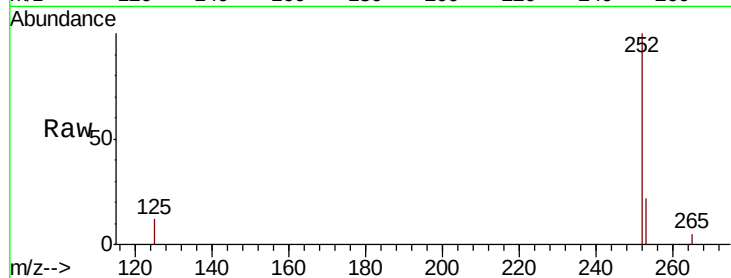
Tot Ion:252 Resp: 229166

Ion Ratio Lower Upper

252 100

253 22.3 21.9 32.9

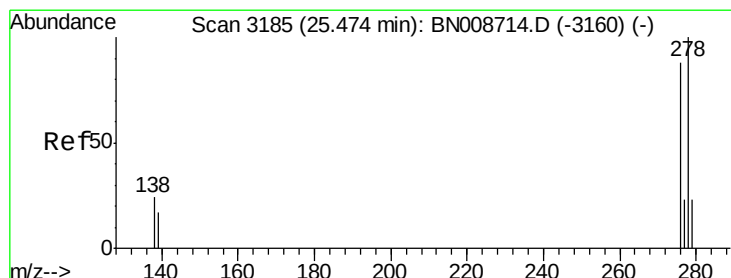
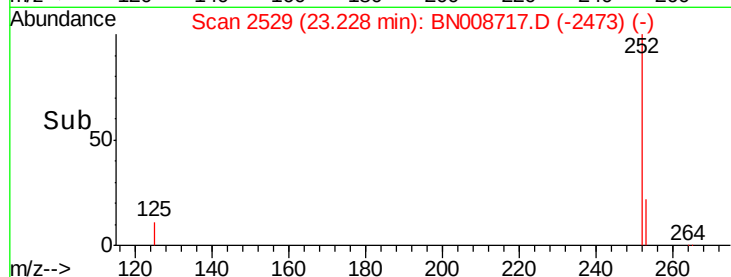
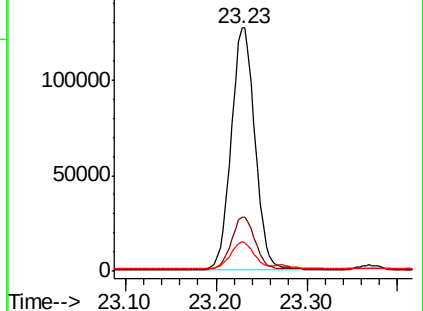
125 12.0 16.3 24.5#



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: 3.279 ng

RT: 25.47 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

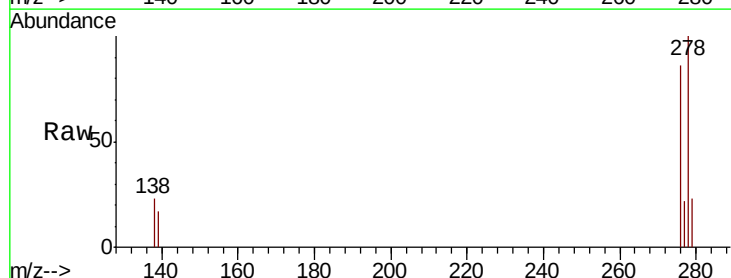
Tgt Ion:278 Resp: 224579

Ion Ratio Lower Upper

278 100

139 16.8 15.4 23.2

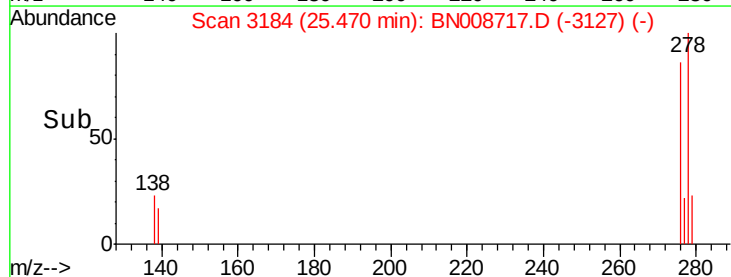
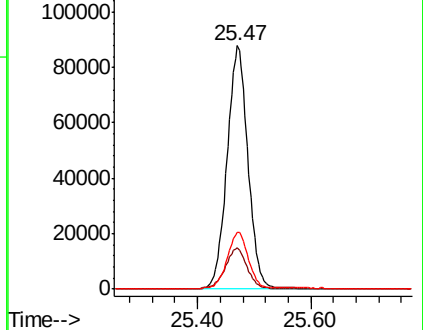
279 23.4 21.3 31.9

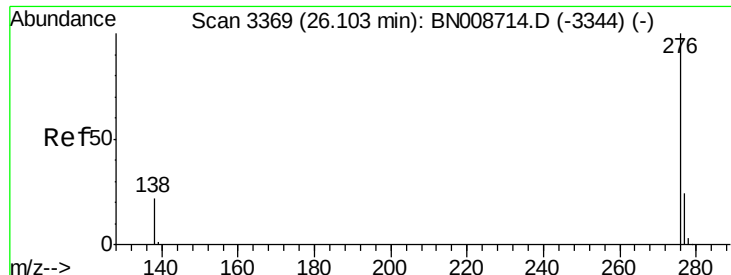


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.297 ng

RT: 26.10 min Scan# 3368

Delta R.T. -0.00 min

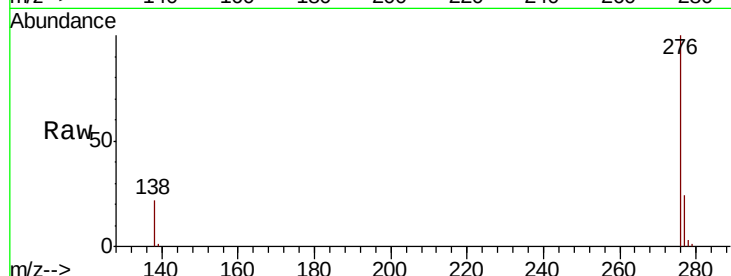
Lab File: BN008717.D

Acq: 22 Nov 2019 22:12

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 225204

Ion Ratio Lower Upper

276 100

277 23.7 20.4 30.6

138 22.1 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

