

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112219\
 Data File : BN008716.D
 Acq On : 22 Nov 2019 21:36
 Operator : JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 25 10:31:24 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	4540	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	16704	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	10441	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	21786	0.40	ng	0.00
27) Chrysene-d12	21.16	240	21717	0.40	ng	0.00
34) Perylene-d12	23.32	264	21793	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	19563	1.65	ng	0.00
5) Phenol-d6	6.78	99	24836	1.65	ng	0.00
8) Nitrobenzene-d5	8.73	82	24641	1.64	ng	0.00
11) 2-Methylnaphthalene-d10	11.95	152	43199	1.64	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	8084	1.66	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	66312	1.63	ng	0.00
25) Fluoranthene-d10	19.00	212	106050	1.66	ng	0.00
29) Terphenyl-d14	19.61	244	85312	1.63	ng	0.00

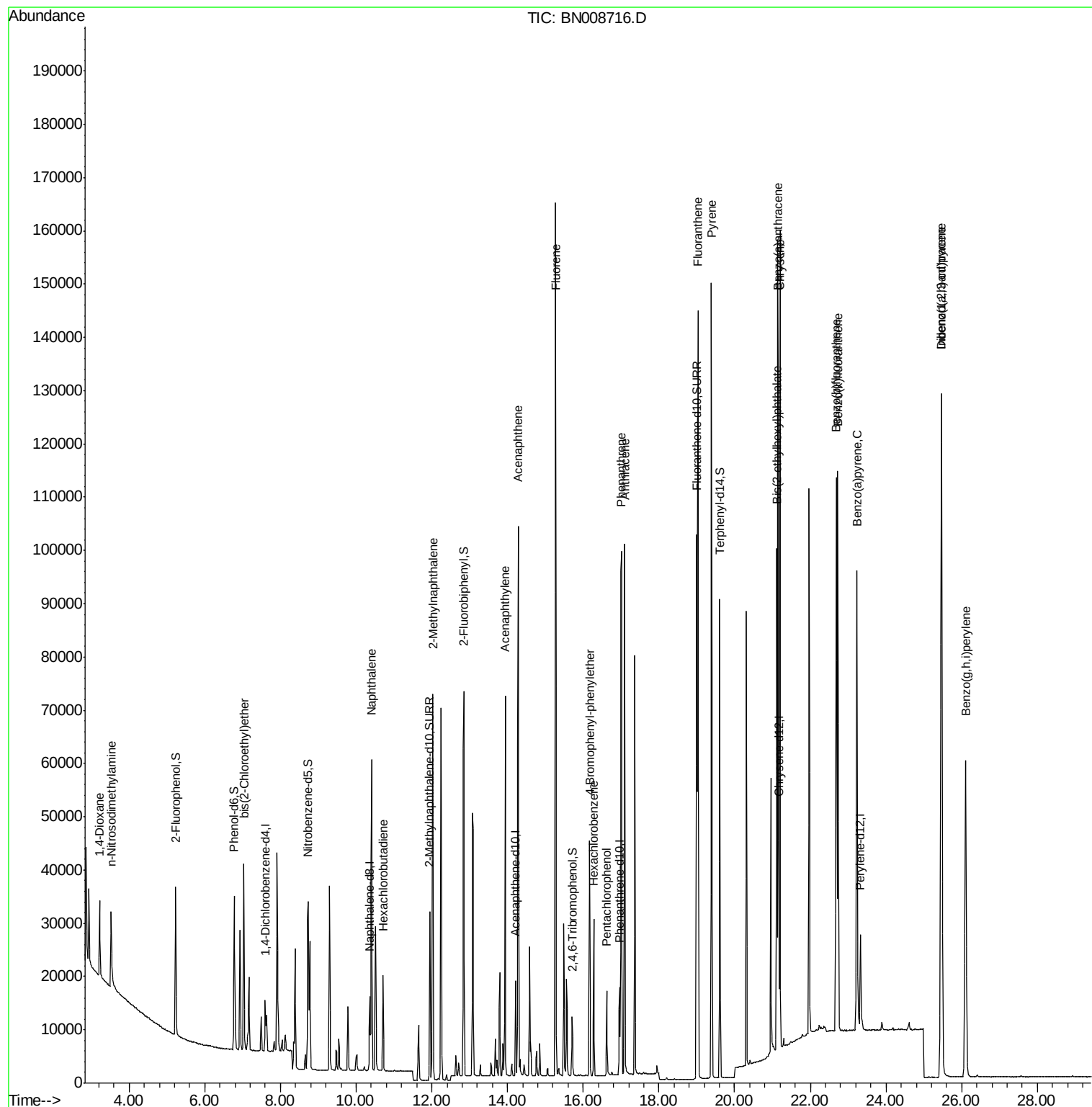
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	7930	1.652	ng	98
3) n-Nitrosodimethylamine	3.52	42	10290	3.382	ng	# 100
6) bis(2-Chloroethyl)ether	7.03	93	22984	1.631	ng	99
9) Naphthalene	10.41	128	72461	1.625	ng	99
10) Hexachlorobutadiene	10.71	225	14947	1.617	ng	# 99
12) 2-Methylnaphthalene	12.02	142	50916	1.640	ng	99
16) Acenaphthylene	13.93	152	79448	1.654	ng	100
17) Acenaphthene	14.28	154	52612	1.663	ng	96
18) Fluorene	15.27	166	66338	1.638	ng	99
20) 4-Bromophenyl-phenylether	16.17	248	22426	1.649	ng	99
21) Hexachlorobenzene	16.28	284	24652	1.647	ng	99
22) Pentachlorophenol	16.62	266	8903	1.660	ng	97
23) Phenanthrene	17.01	178	110630	1.647	ng	100
24) Anthracene	17.09	178	99860	1.663	ng	100
26) Fluoranthene	19.03	202	131065	1.661	ng	100
28) Pyrene	19.39	202	129884	1.620	ng	100
30) Benzo(a)anthracene	21.14	228	128955	1.622	ng	97
31) Chrysene	21.20	228	124084	1.612	ng	100
32) Bis(2-ethylhexyl)phthalate	21.11	149	74167	1.437	ng	99
33) Indeno(1,2,3-cd)pyrene	25.46	276	138400	1.614	ng	99
35) Benzo(b)fluoranthene	22.68	252	122222	1.621	ng	# 91
36) Benzo(k)fluoranthene	22.73	252	124351	1.629	ng	# 86
37) Benzo(a)pyrene	23.23	252	113110	1.621	ng	# 88
38) Dibenzo(a,h)anthracene	25.47	278	112248	1.630	ng	95
39) Benzo(g,h,i)perylene	26.10	276	112026	1.632	ng	97

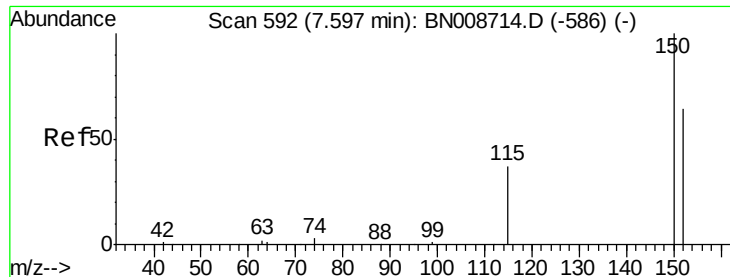
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112219\
Data File : BN008716.D
Acq On : 22 Nov 2019 21:36
Operator : JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 25 10:31:24 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



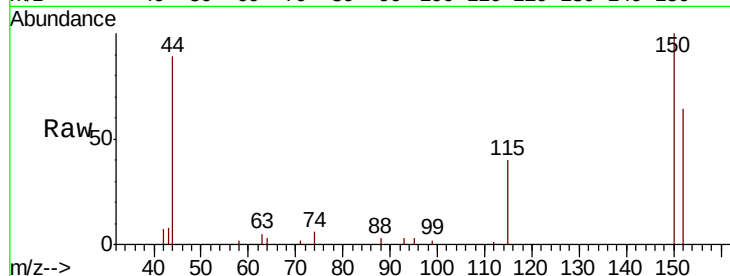


#1

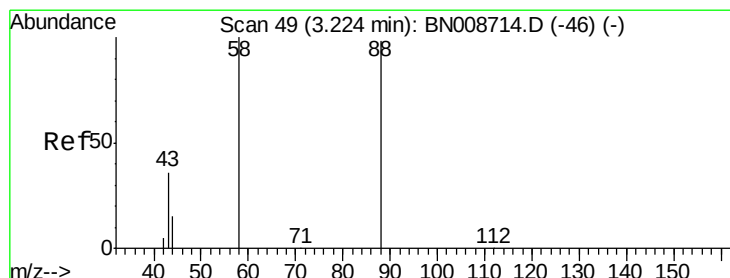
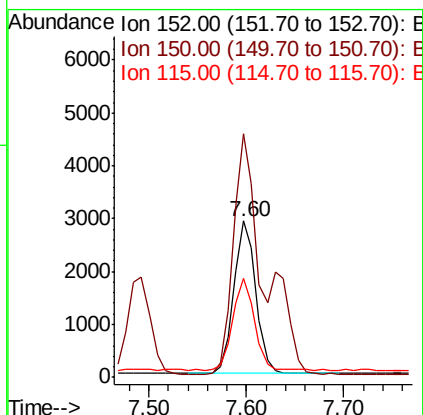
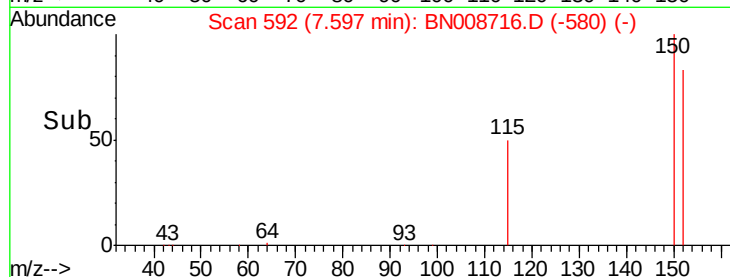
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008716.D
Acq: 22 Nov 2019 21:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4540
Ion Ratio Lower Upper
152 100
150 155.7 124.0 186.0
115 62.9 49.8 74.8



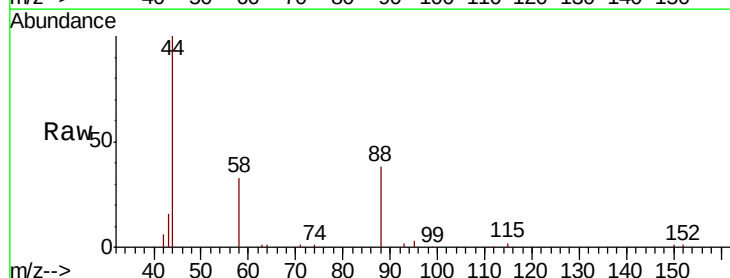
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



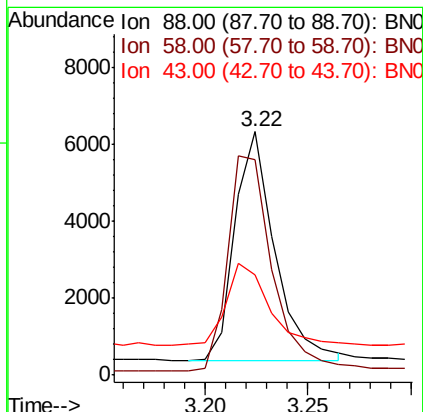
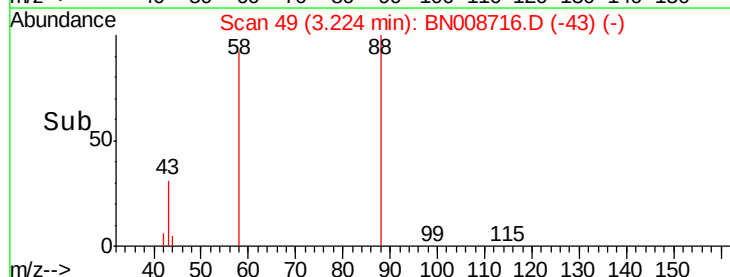
#2

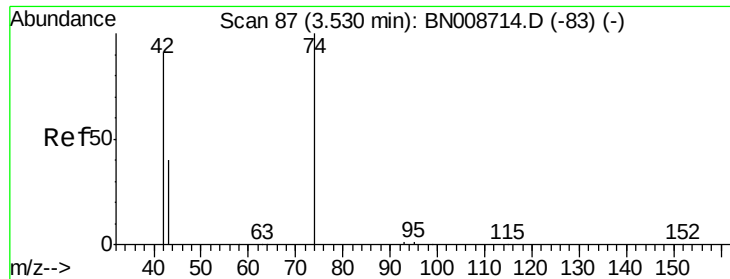
1,4-Dioxane
Concen: 1.652 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008716.D
Acq: 22 Nov 2019 21:36

Tgt Ion: 88 Resp: 7930
Ion Ratio Lower Upper
88 100
58 105.0 85.7 128.5
43 35.8 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



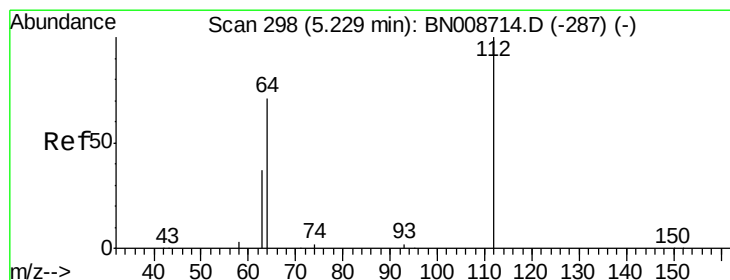
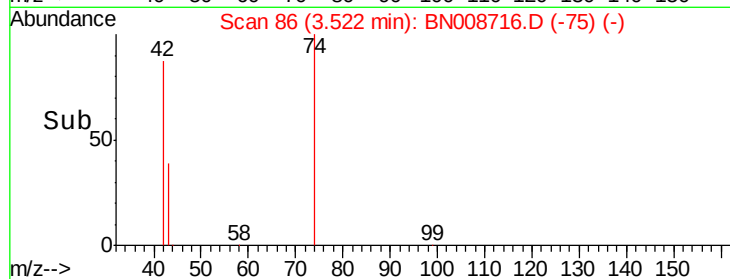
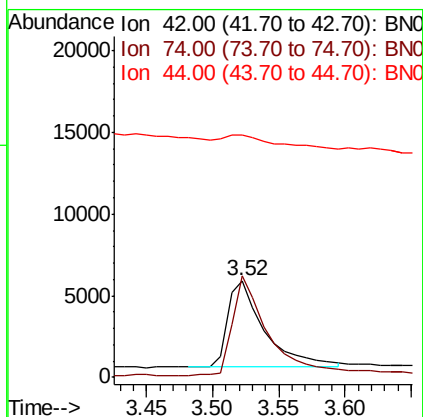
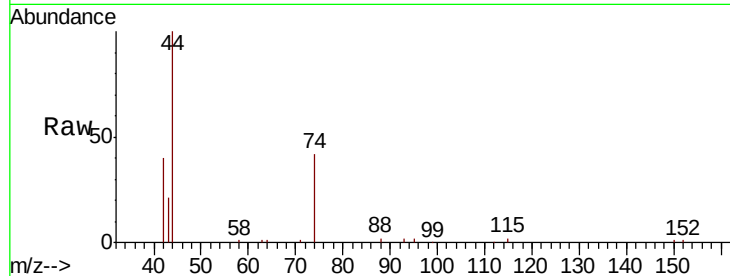


#3

n-Nitrosodimethylamine
 Concen: 3.382 ng
 RT: 3.52 min Scan# 86
 Delta R.T. -0.01 min
 Lab File: BN008716.D
 Acq: 22 Nov 2019 21:36

Instrument :
 BNA_N
 ClientSampleId :

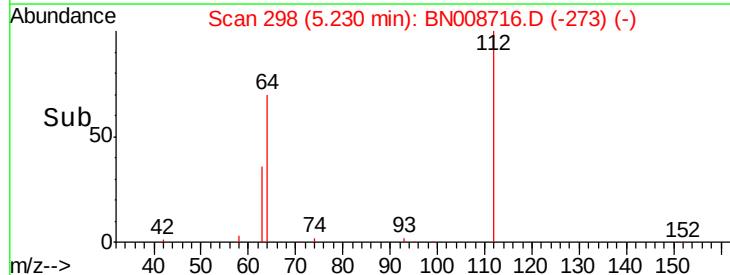
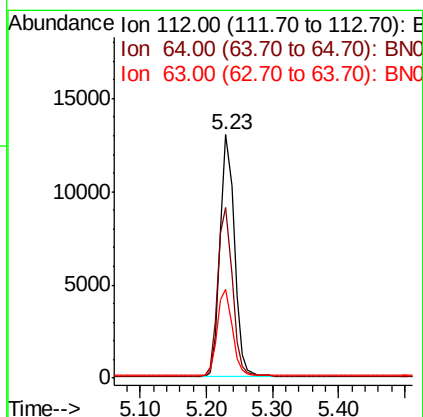
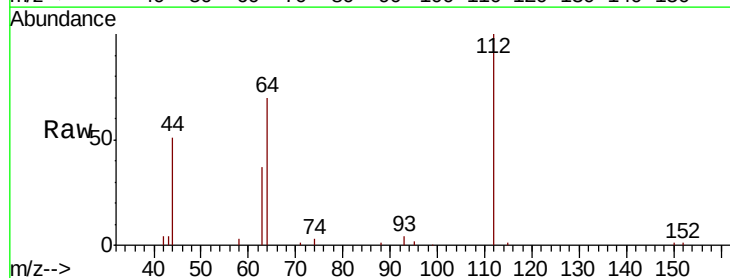
Tot Ion: 42 Resp: 10290
 Ion Ratio Lower Upper
 42 100
 74 109.7 88.0 132.0
 44 22.8 0.0 0.0#

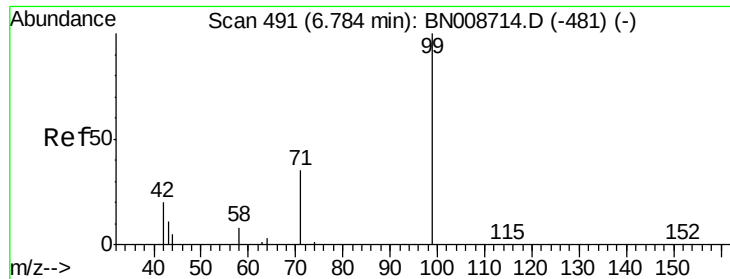


#4

2-Fluorophenol
 Concen: 1.645 ng
 RT: 5.23 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: BN008716.D
 Acq: 22 Nov 2019 21:36

Tgt Ion: 112 Resp: 19563
 Ion Ratio Lower Upper
 112 100
 64 71.3 57.1 85.7
 63 36.6 29.7 44.5





#5

Phenol-d6

Concen: 1.653 ng

RT: 6.78 min Scan# 491

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

Instrument :

BNA_N

ClientSampleId :

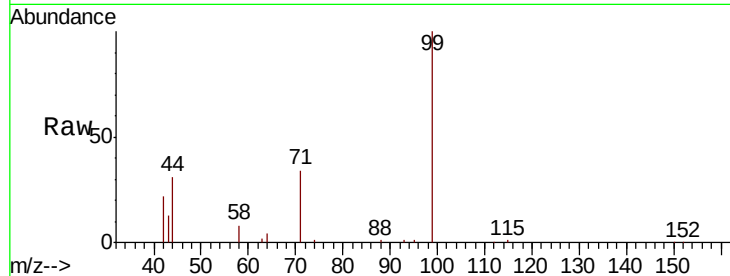
Tot Ion: 99 Resp: 24836

Ion Ratio Lower Upper

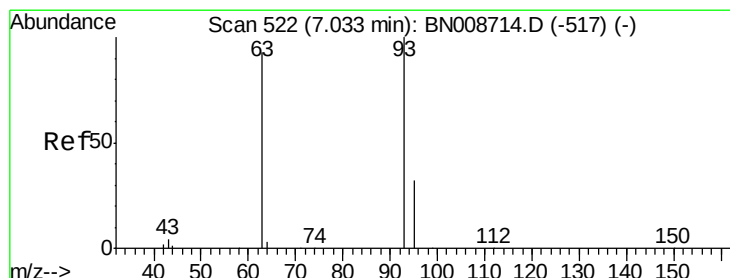
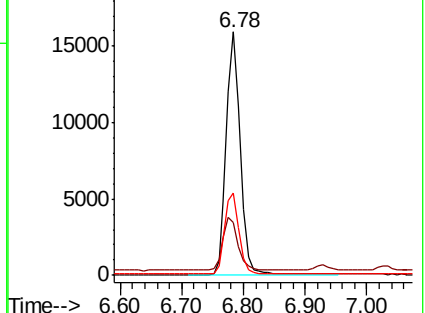
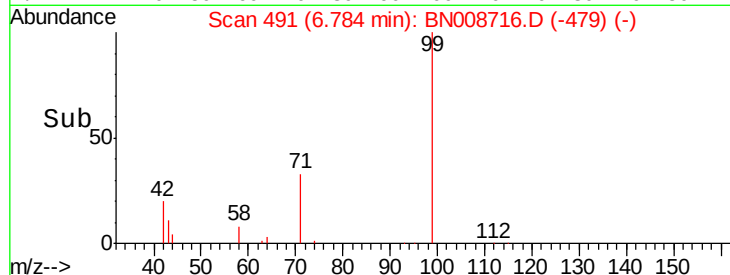
99 100

42 24.2 19.4 29.2

71 34.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BN008716.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 1.631 ng

RT: 7.03 min Scan# 522

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

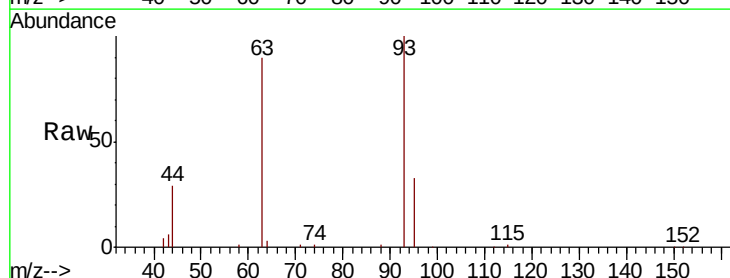
Tgt Ion: 93 Resp: 22984

Ion Ratio Lower Upper

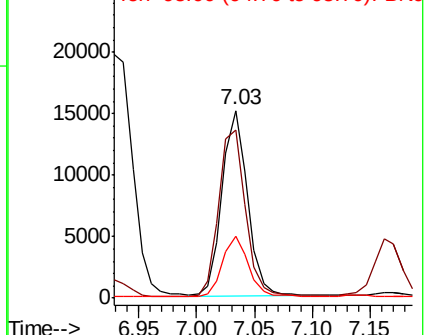
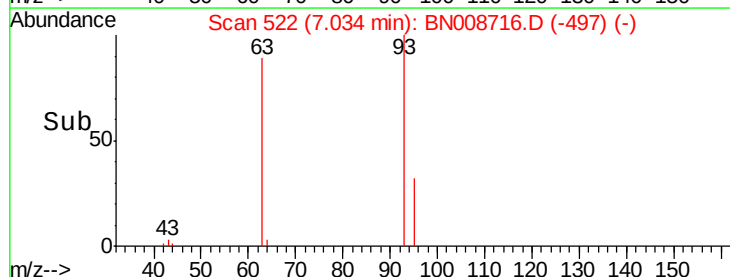
93 100

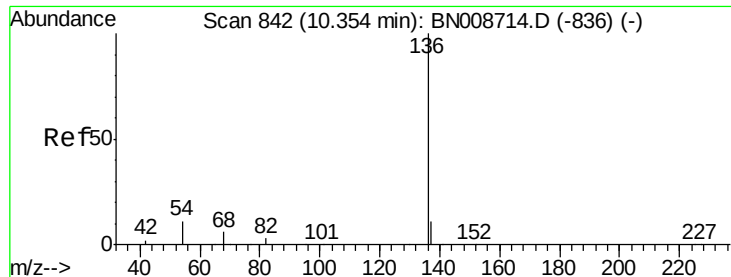
63 94.7 74.2 111.4

95 32.6 26.2 39.2



Abundance Ion 93.00 (92.70 to 93.70): BN008716.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 16704

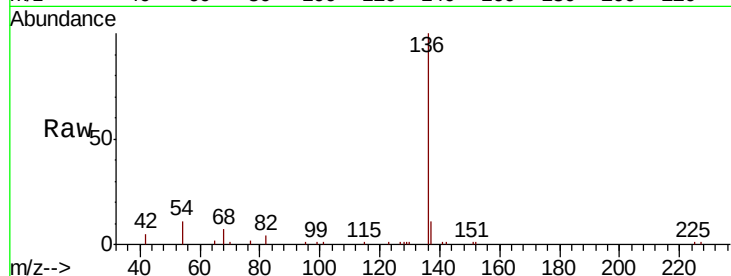
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 11.3 9.4 14.2

68 6.8 5.8 8.6

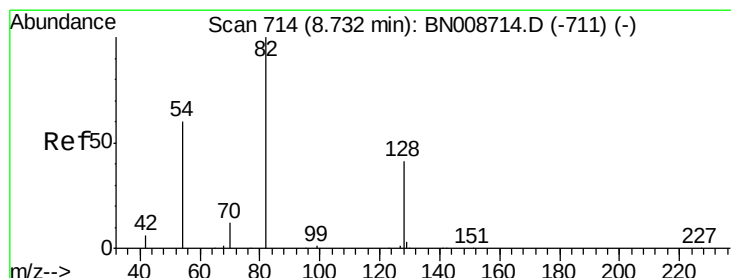
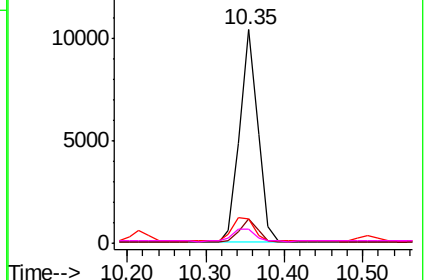
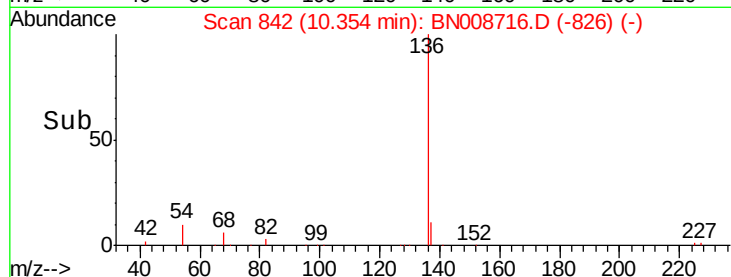


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.642 ng

RT: 8.73 min Scan# 714

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

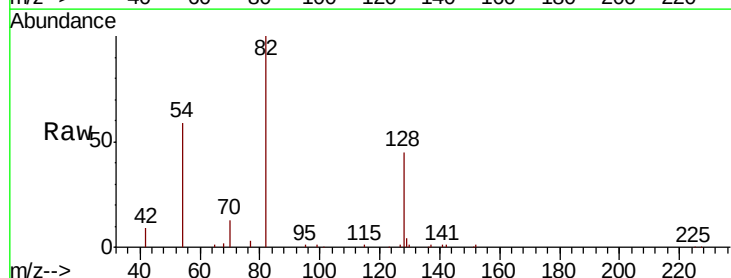
Tgt Ion: 82 Resp: 24641

Ion Ratio Lower Upper

82 100

128 45.3 34.6 52.0

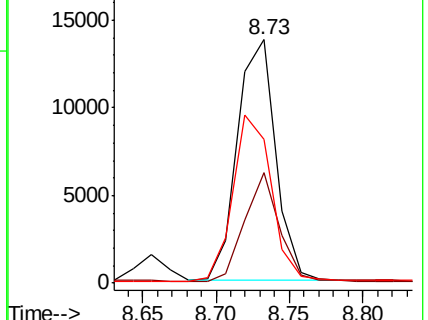
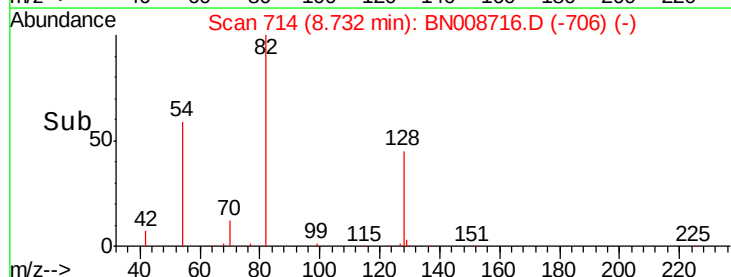
54 58.9 50.2 75.4

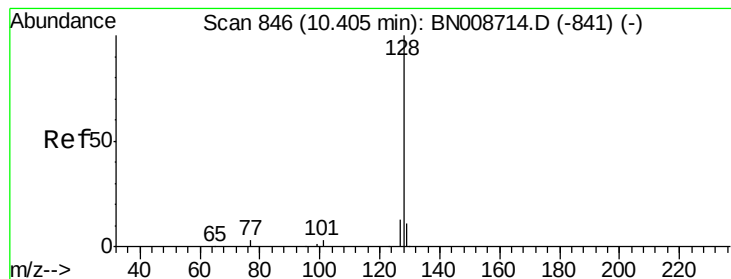


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.625 ng

RT: 10.41 min Scan# 846

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

Instrument :

BNA_N

ClientSampleId :

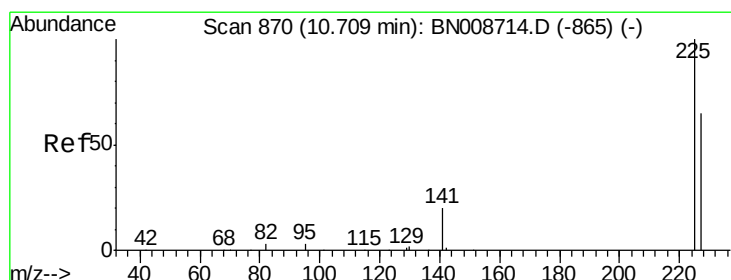
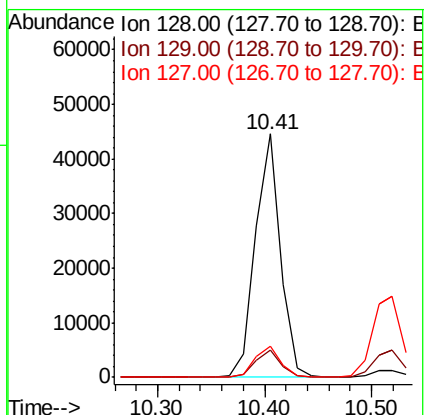
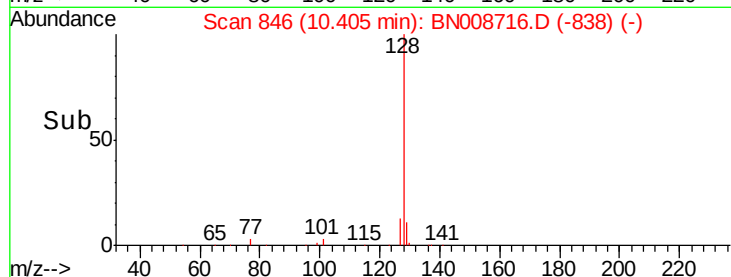
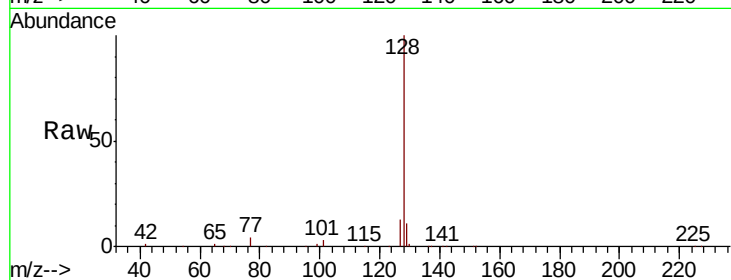
Tot Ion:128 Resp: 72461

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.2

127 12.9 10.5 15.7



#10

Hexachlorobutadiene

Concen: 1.617 ng

RT: 10.71 min Scan# 870

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

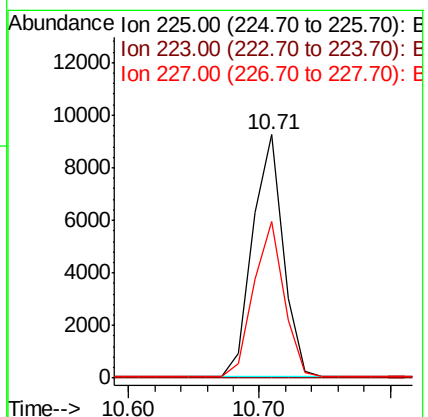
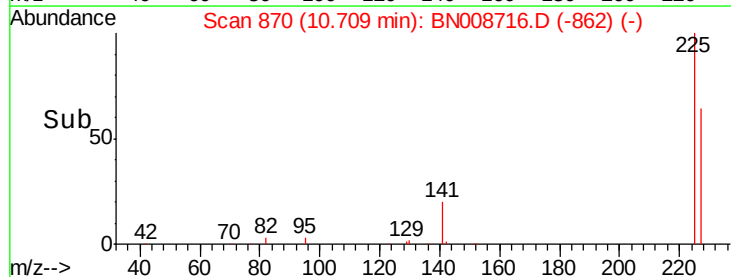
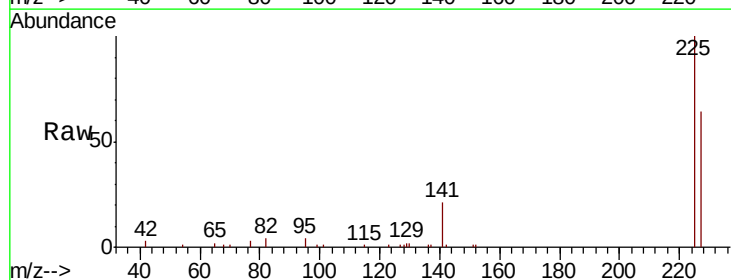
Tgt Ion:225 Resp: 14947

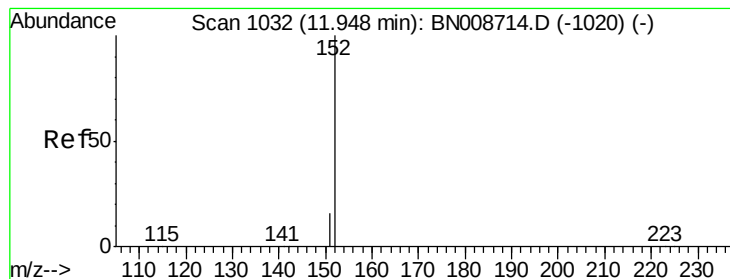
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.6 51.8 77.6





#11

2-Methylnaphthalene-d10

Concen: 1.638 ng

RT: 11.95 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

Instrument :

BNA_N

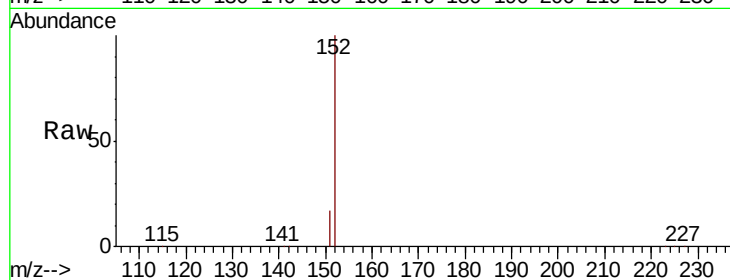
ClientSampleId :

Tot Ion:152 Resp: 43199

Ion Ratio Lower Upper

152 100

151 18.9 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.95

30000

25000

20000

15000

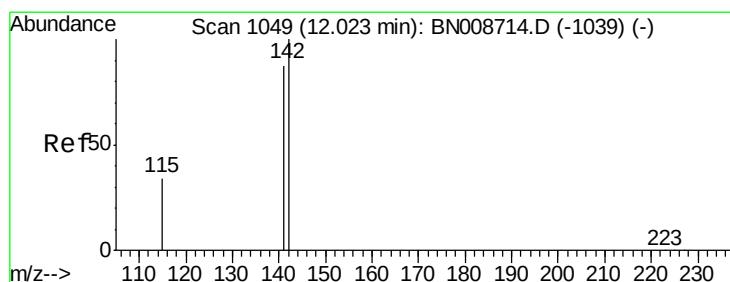
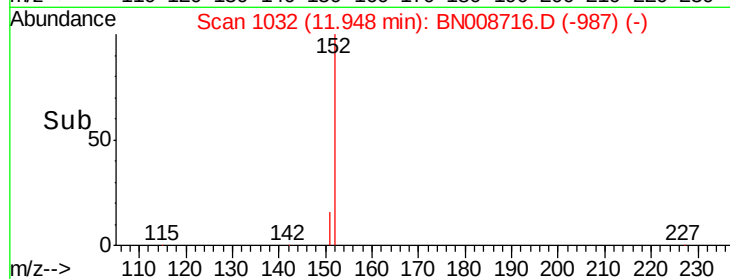
10000

5000

0

Time-->

11.90 12.00 12.10



#12

2-Methylnaphthalene

Concen: 1.640 ng

RT: 12.02 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

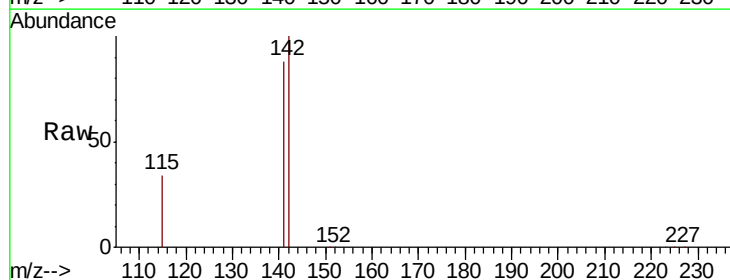
Tgt Ion:142 Resp: 50916

Ion Ratio Lower Upper

142 100

141 87.6 69.8 104.6

115 34.2 28.4 42.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.02

40000

30000

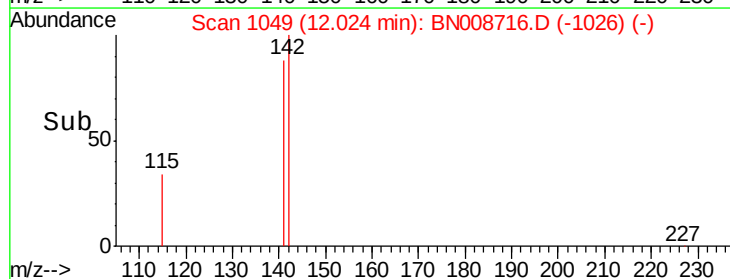
20000

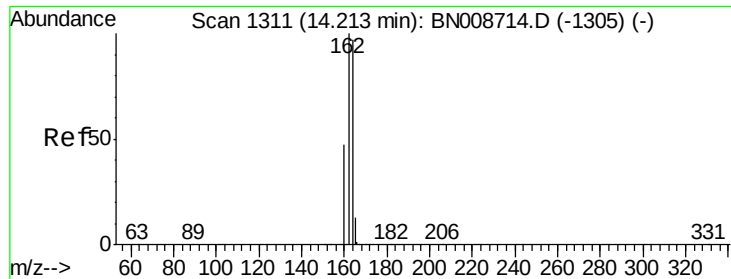
10000

0

Time-->

11.90 12.00 12.10

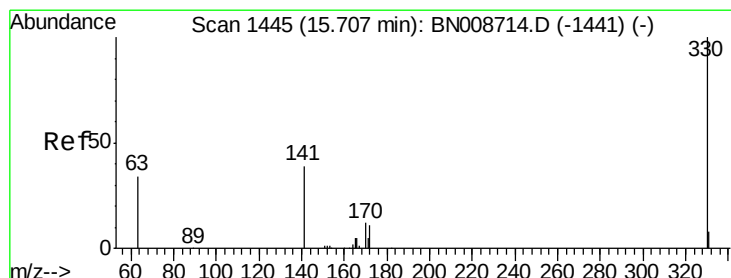
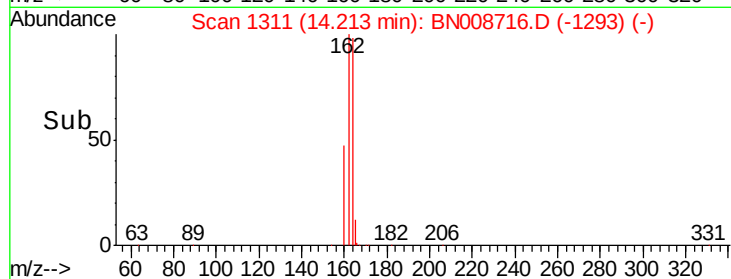
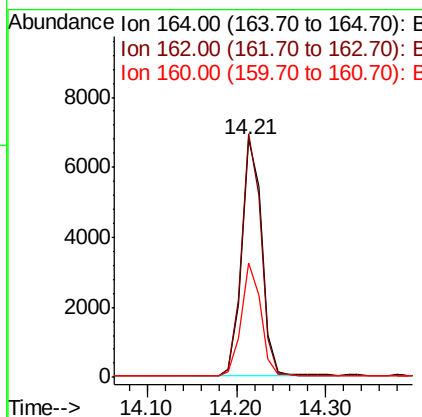
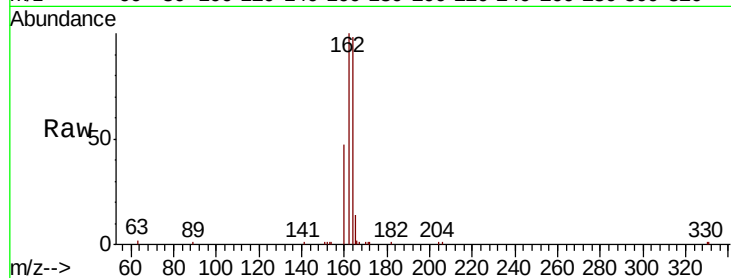




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.21 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BN008716.D
 Acq: 22 Nov 2019 21:36

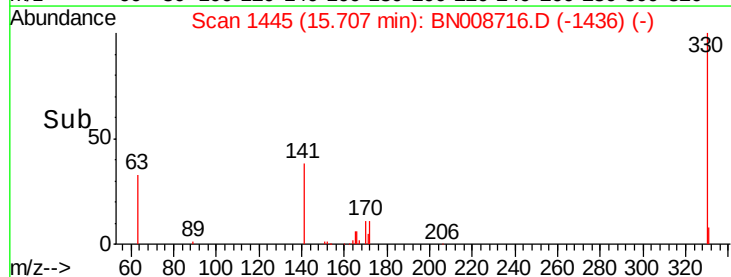
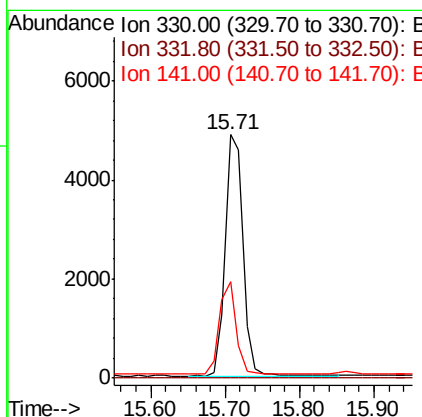
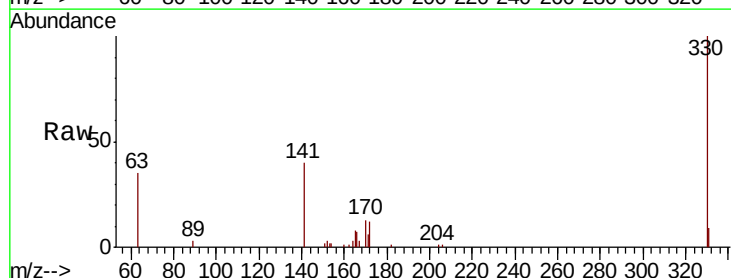
Instrument :
 BNA_N
 ClientSampleId :

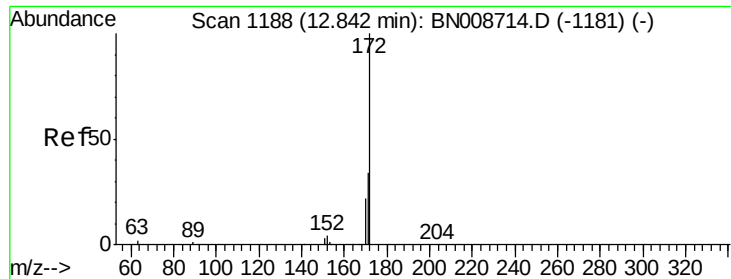
Tot Ion:164 Resp: 10441
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.2 123.4
 160 48.0 38.7 58.1



#14
 2,4,6-Tribromophenol
 Concen: 1.665 ng
 RT: 15.71 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BN008716.D
 Acq: 22 Nov 2019 21:36

Tgt Ion:330 Resp: 8084
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.6 29.5 44.3

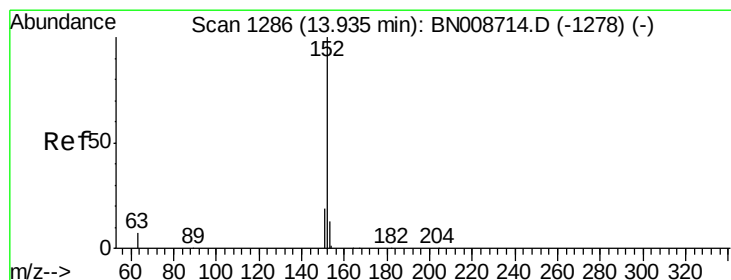
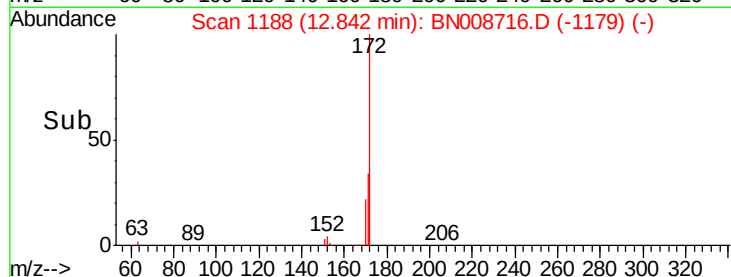
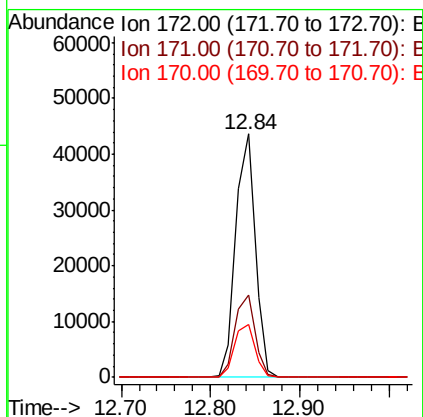
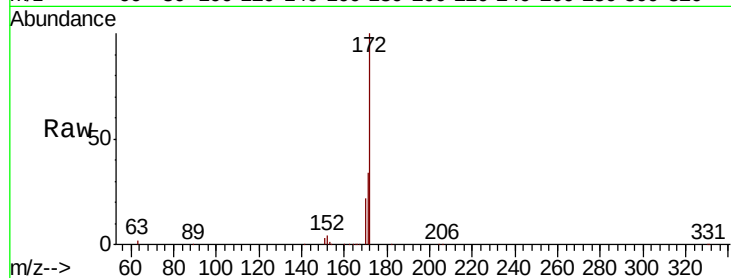




#15
2-Fluorobiphenyl
Concen: 1.625 ng
RT: 12.84 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BN008716.D
Acq: 22 Nov 2019 21:36

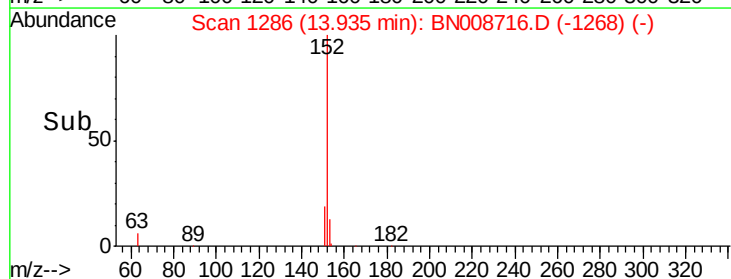
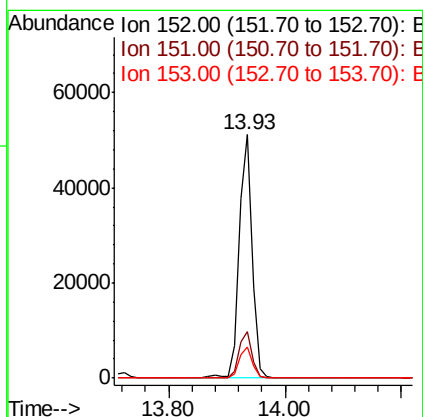
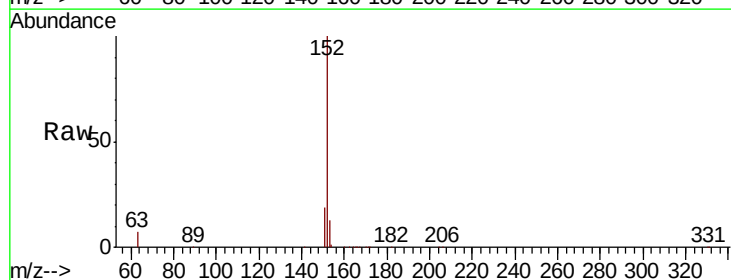
Instrument :
BNA_N
ClientSampleId :

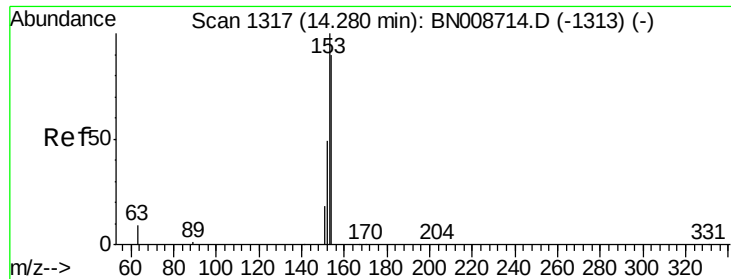
Tot Ion:172 Resp: 66312
Ion Ratio Lower Upper
172 100
171 33.8 27.3 40.9
170 21.7 17.8 26.6



#16
Acenaphthylene
Concen: 1.654 ng
RT: 13.93 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN008716.D
Acq: 22 Nov 2019 21:36

Tgt Ion:152 Resp: 79448
Ion Ratio Lower Upper
152 100
151 19.1 15.5 23.3
153 12.9 10.3 15.5





#17

Acenaphthene

Concen: 1.663 ng

RT: 14.28 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

Instrument :

BNA_N

ClientSampleId :

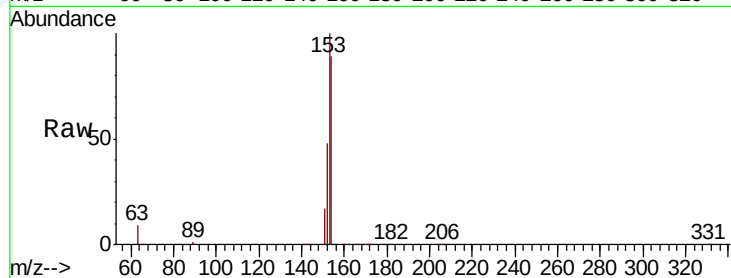
Tot Ion:154 Resp: 52612

Ion Ratio Lower Upper

154 100

153 107.6 89.6 134.4

152 52.7 44.7 67.1

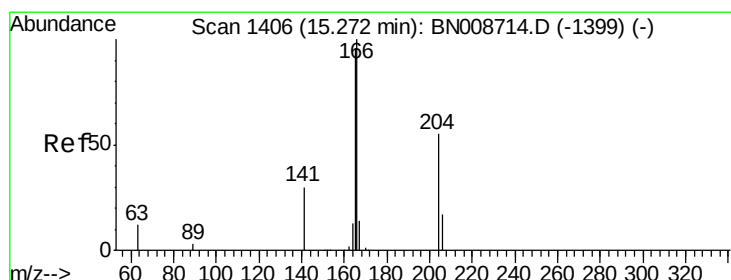
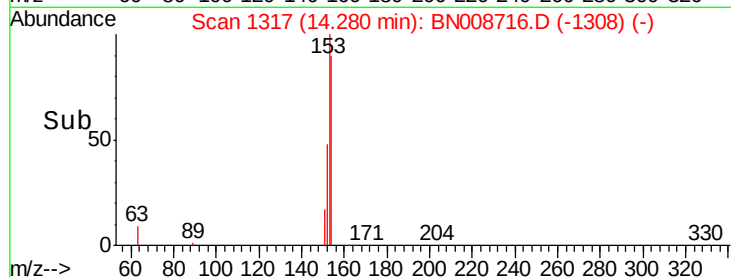
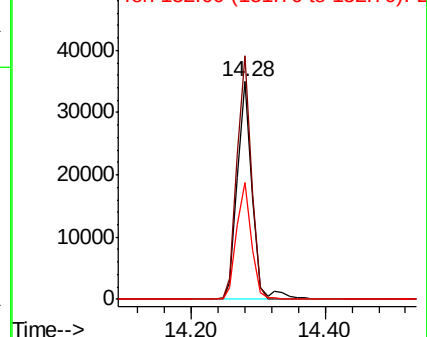


Abundance

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: 1.638 ng

RT: 15.27 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

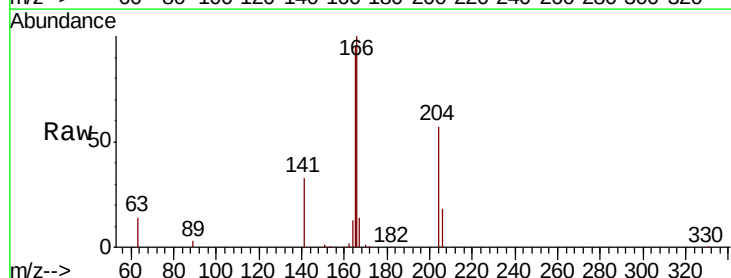
Tgt Ion:166 Resp: 66338

Ion Ratio Lower Upper

166 100

165 95.9 77.7 116.5

167 13.4 10.8 16.2

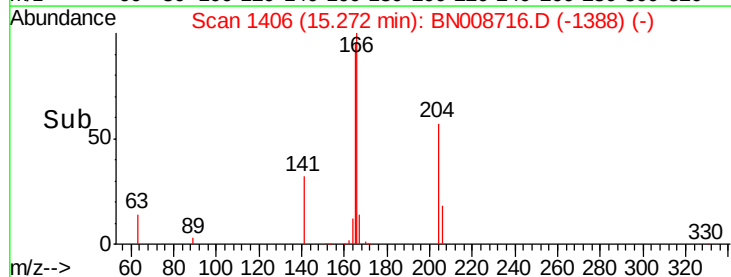
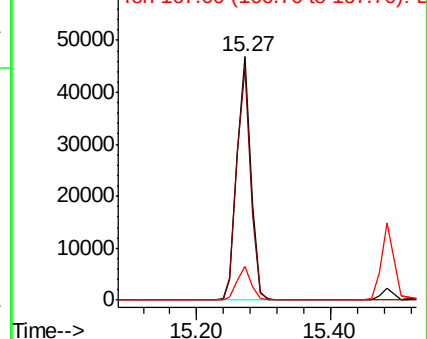


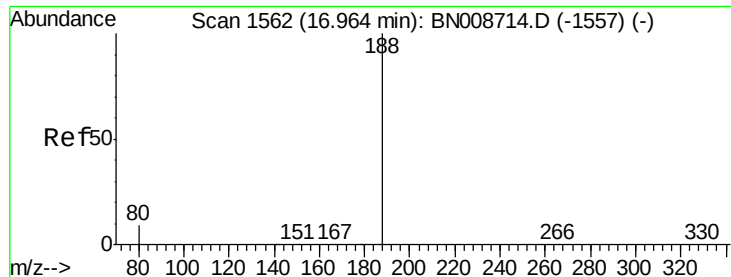
Abundance

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: BN008716.D

Acq: 22 Nov 2019 21:36

Instrument :

BNA_N

ClientSampleId :

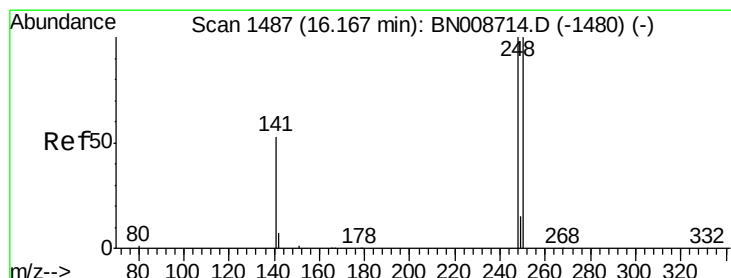
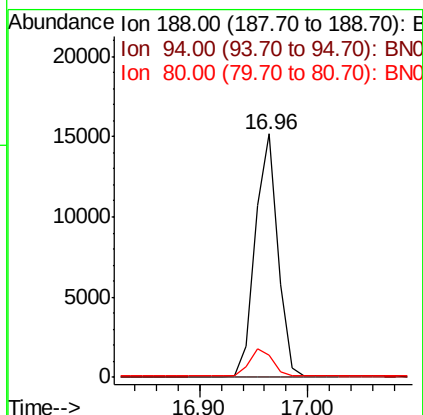
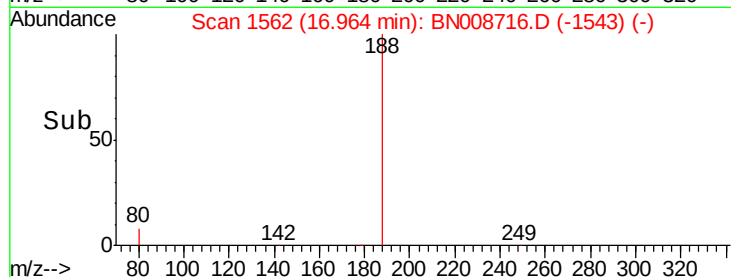
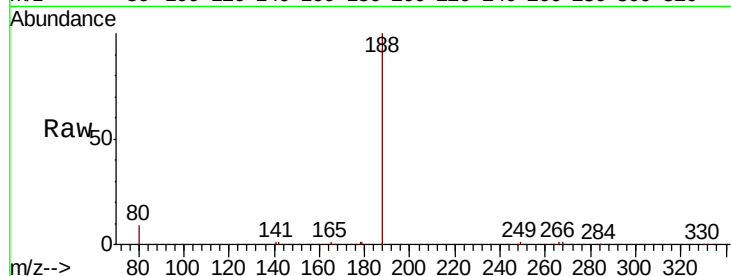
Tot Ion:188 Resp: 21786

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.0 7.4 11.0



#20

4-Bromophenyl-phenylether

Concen: 1.649 ng

RT: 16.17 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

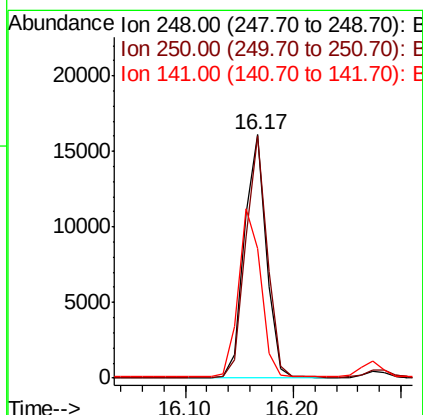
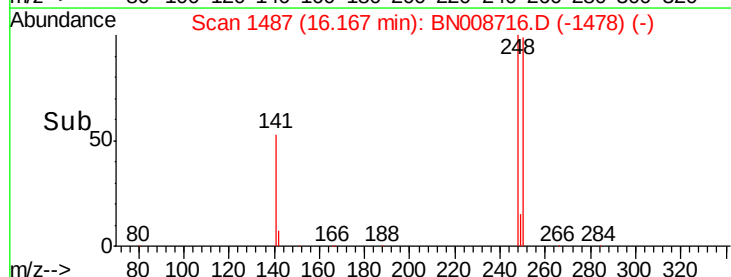
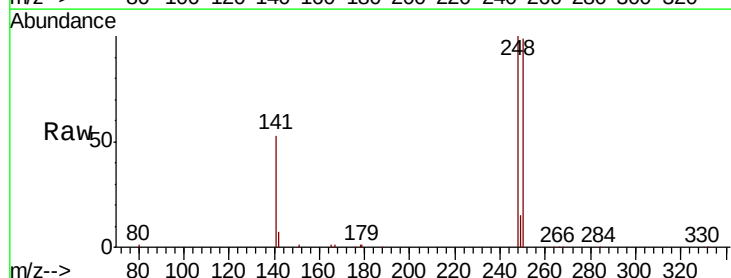
Tgt Ion:248 Resp: 22426

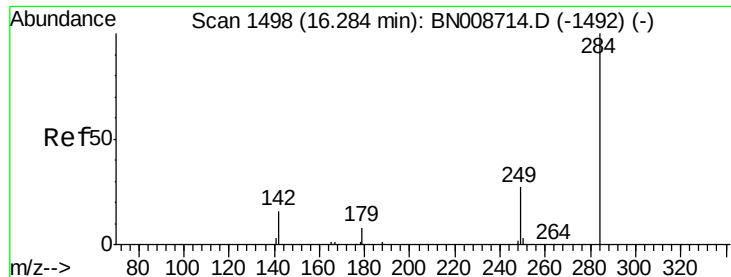
Ion Ratio Lower Upper

248 100

250 99.5 80.5 120.7

141 53.2 43.8 65.6





#21

Hexachlorobenzene

Concen: 1.647 ng

RT: 16.28 min Scan# 1498

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

Instrument :

BNA_N

ClientSampleId :

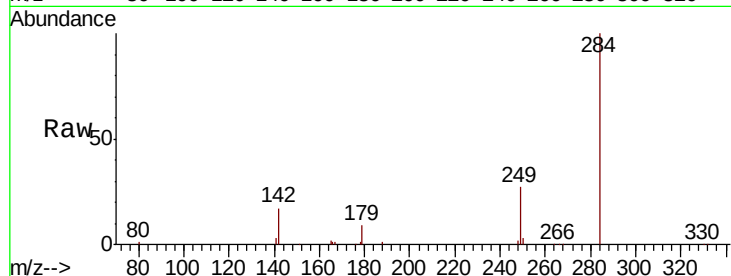
Tot Ion:284 Resp: 24652

Ion Ratio Lower Upper

284 100

142 33.8 27.4 41.0

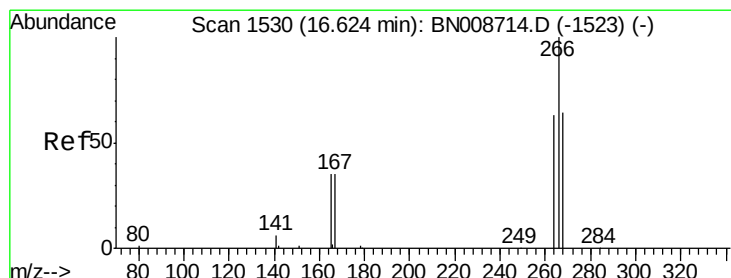
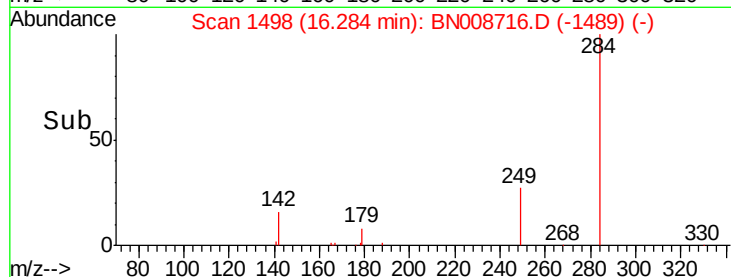
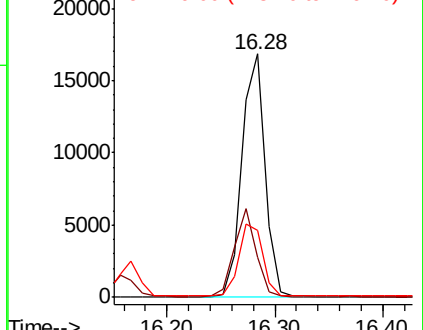
249 31.2 25.4 38.0



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: 1.660 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

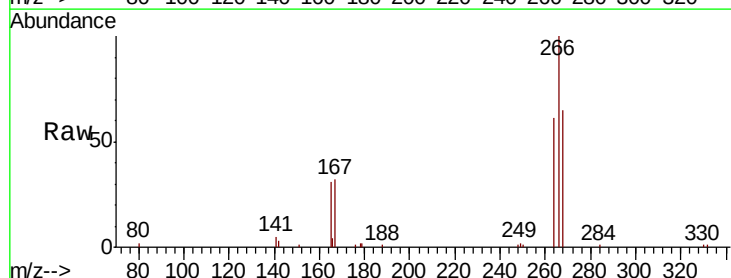
Tgt Ion:266 Resp: 8903

Ion Ratio Lower Upper

266 100

264 61.4 51.0 76.4

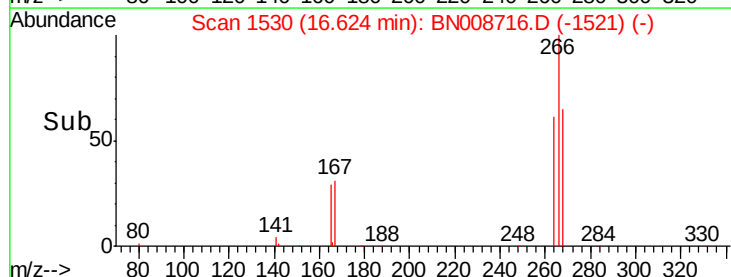
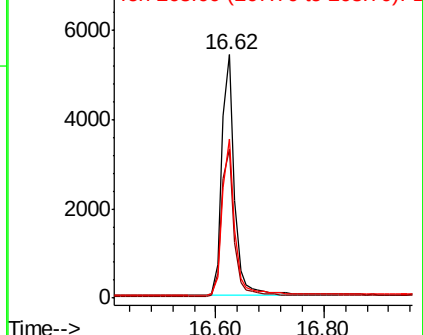
268 65.5 54.1 81.1

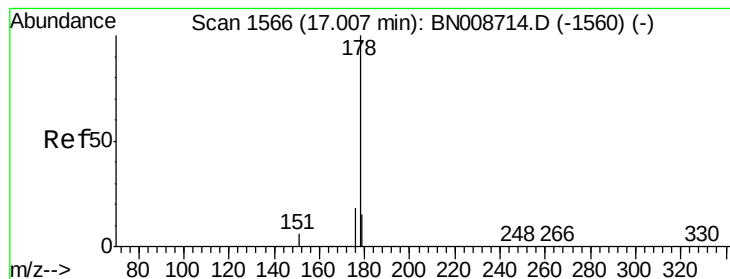


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.647 ng

RT: 17.01 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

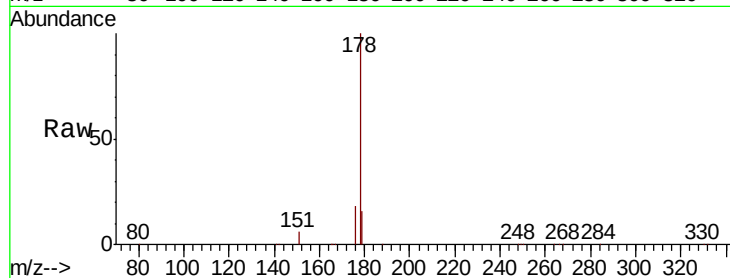
Instrument :

BNA_N

ClientSampled :

Tot Ion:178 Resp: 110630

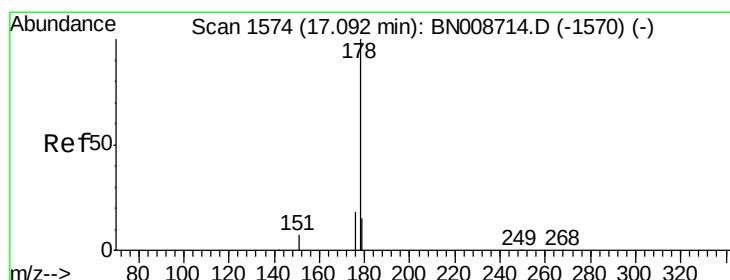
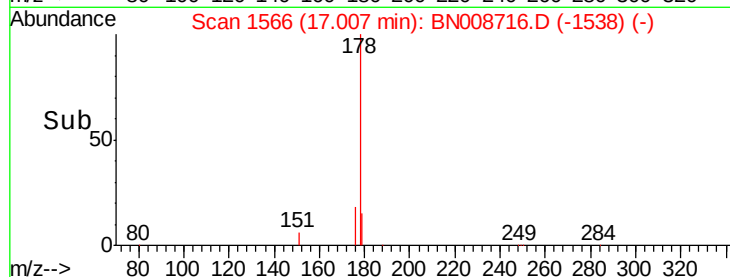
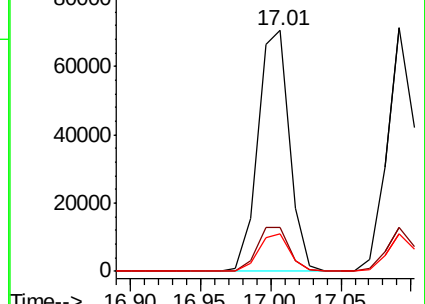
Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.2	12.3	18.5



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: 1.663 ng

RT: 17.09 min Scan# 1574

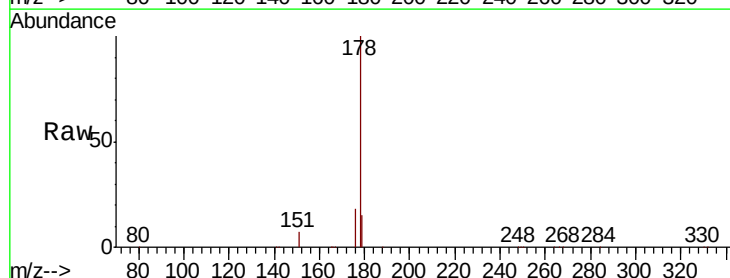
Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

Tgt Ion:178 Resp: 99860

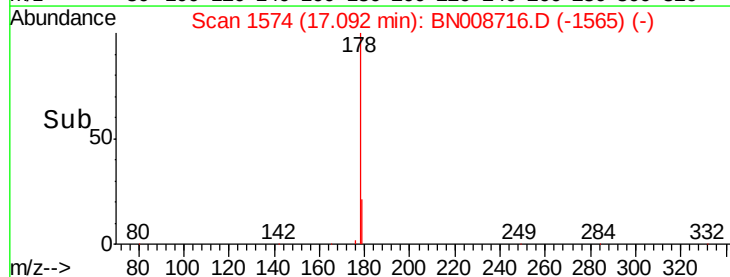
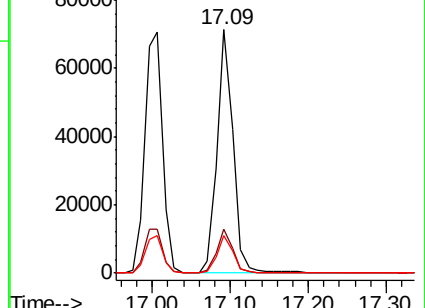
Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.3	12.0	18.0

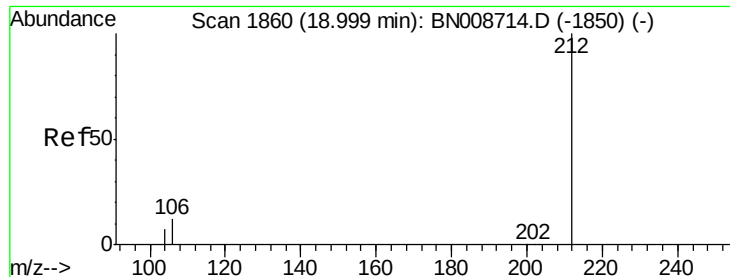


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.656 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

Instrument :

BNA_N

ClientSampleId :

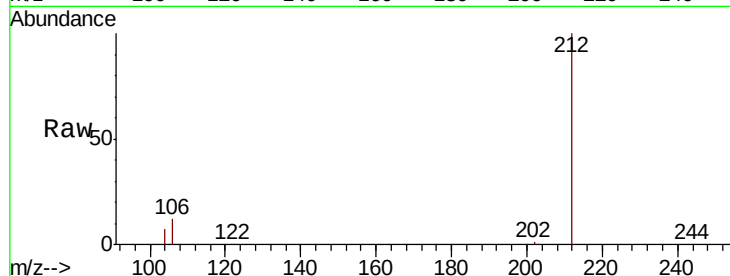
Tot Ion:212 Resp: 106050

Ion Ratio Lower Upper

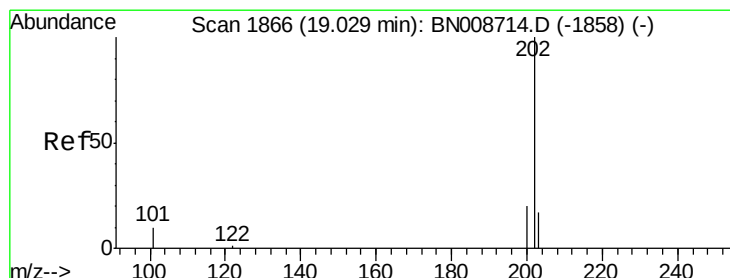
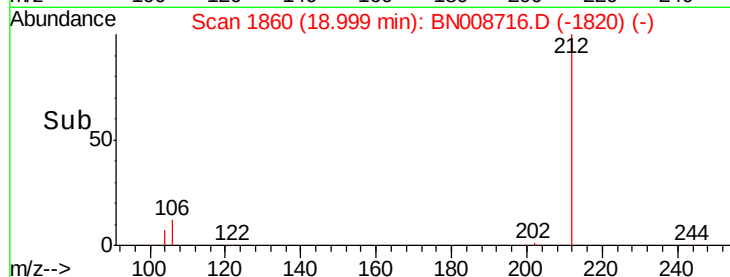
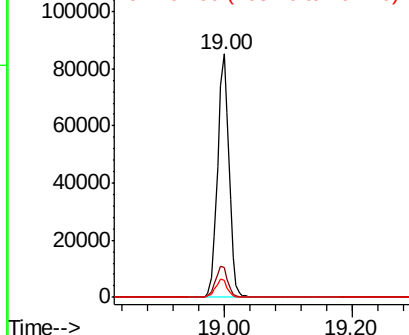
212 100

106 13.2 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: 1.661 ng

RT: 19.03 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

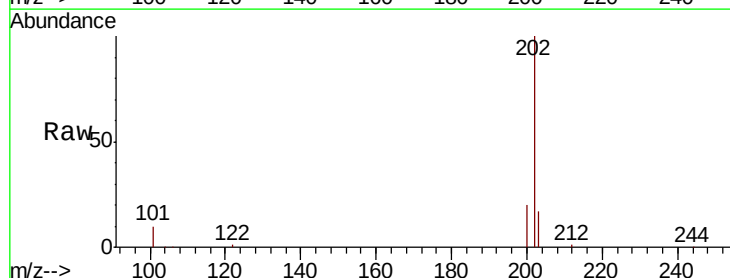
Tgt Ion:202 Resp: 131065

Ion Ratio Lower Upper

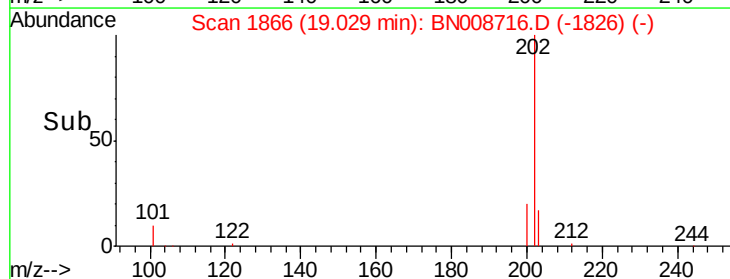
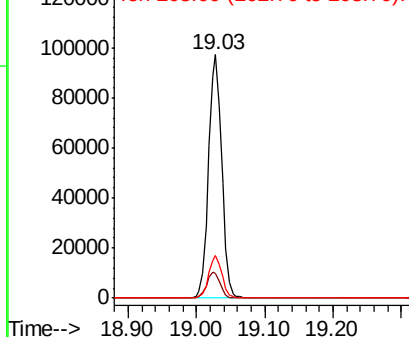
202 100

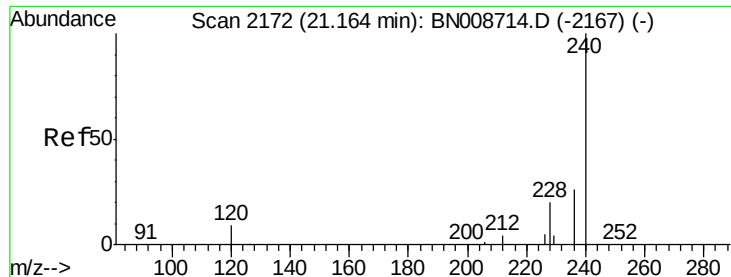
101 10.9 9.0 13.4

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: BN008716.D

Acq: 22 Nov 2019 21:36

Instrument :

BNA_N

ClientSampled :

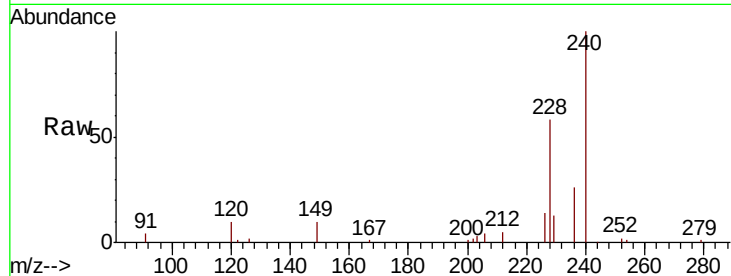
Tot Ion:240 Resp: 21717

Ion Ratio Lower Upper

240 100

120 9.7 9.0 13.4

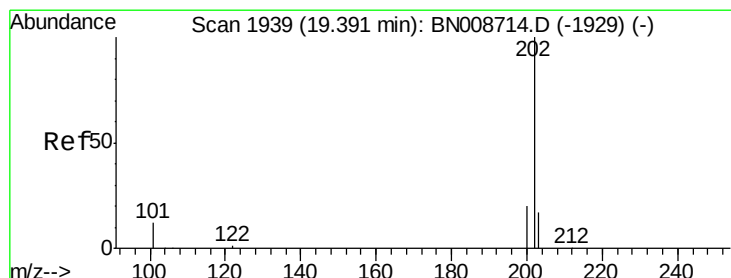
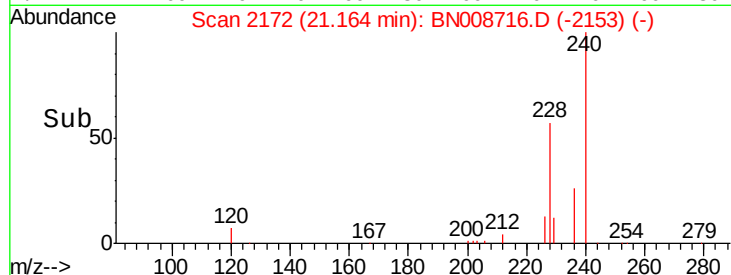
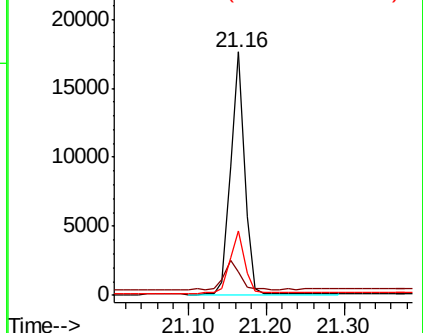
236 26.5 21.8 32.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 1.620 ng

RT: 19.39 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

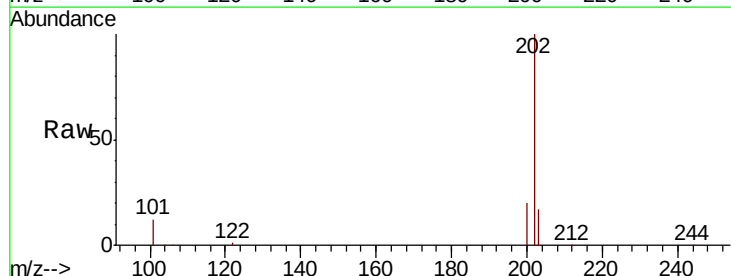
Tgt Ion:202 Resp: 129884

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

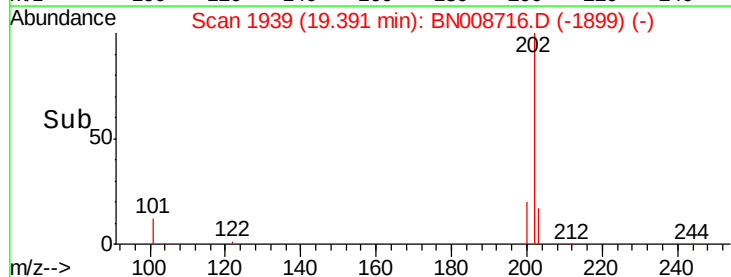
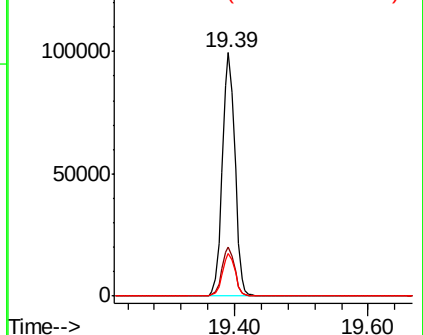
203 17.4 14.0 21.0

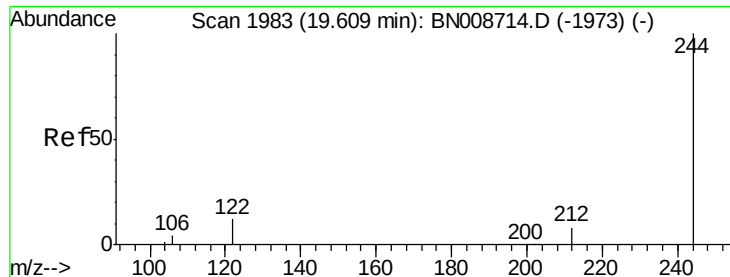


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.633 ng

RT: 19.61 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

Instrument :

BNA_N

ClientSampled :

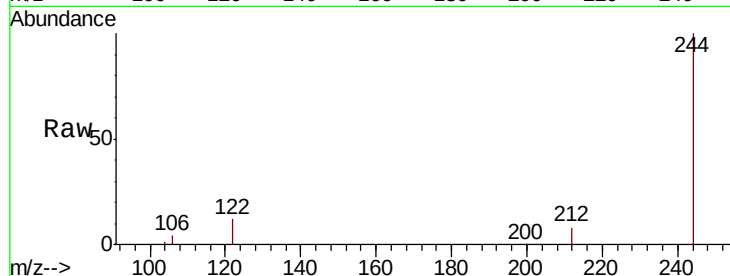
Tot Ion:244 Resp: 85312

Ion Ratio Lower Upper

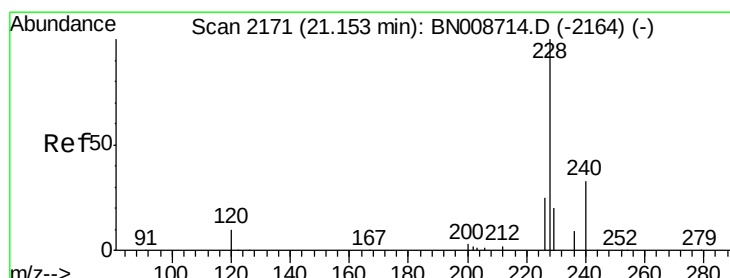
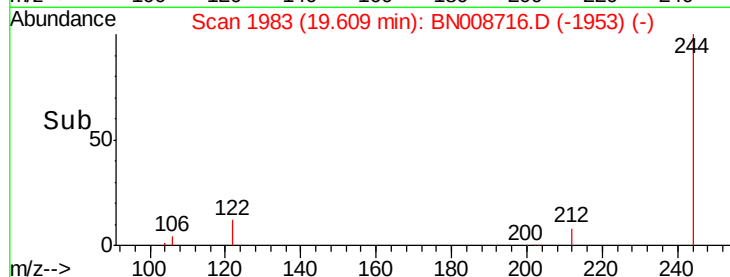
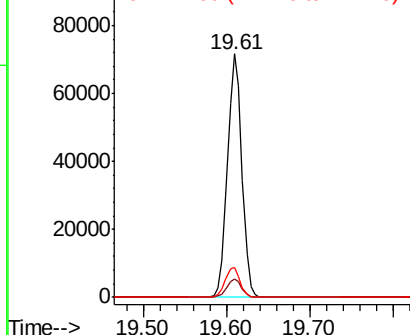
244 100

212 7.7 6.6 9.8

122 12.2 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: 1.622 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

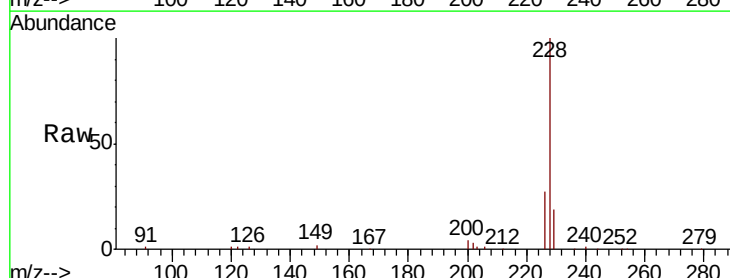
Tgt Ion:228 Resp: 128955

Ion Ratio Lower Upper

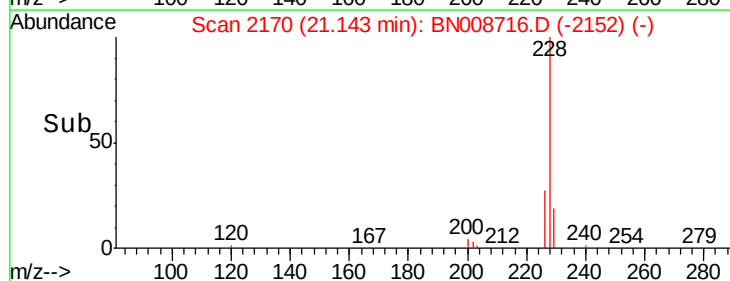
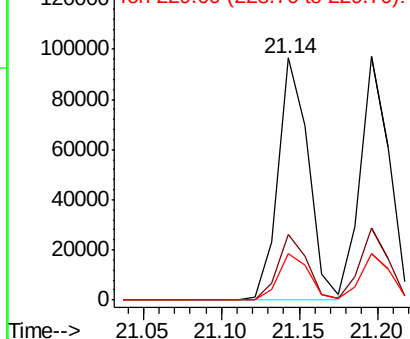
228 100

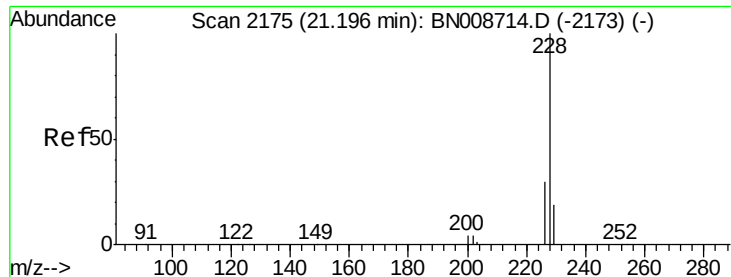
226 27.0 20.3 30.5

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: 1.612 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

Instrument :

BNA_N

ClientSampleId :

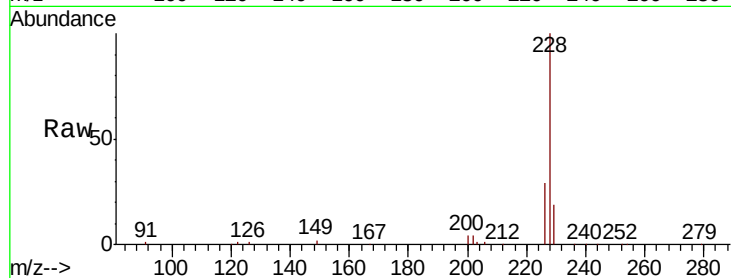
Tot Ion:228 Resp: 124084

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.8

229 19.1 15.4 23.0

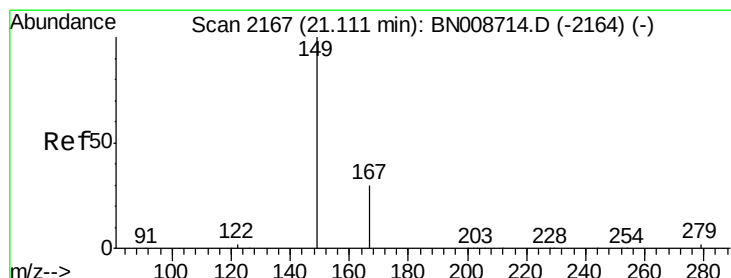
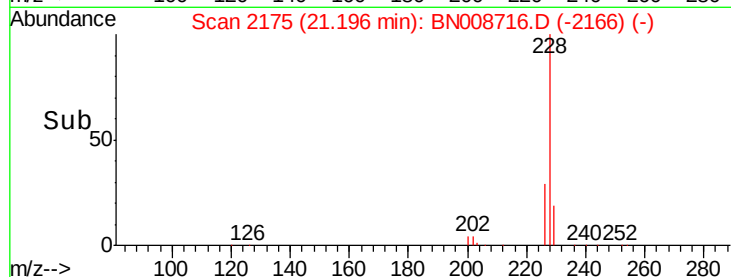
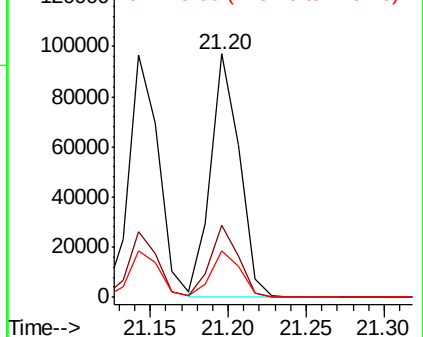


Abundance

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: 1.437 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

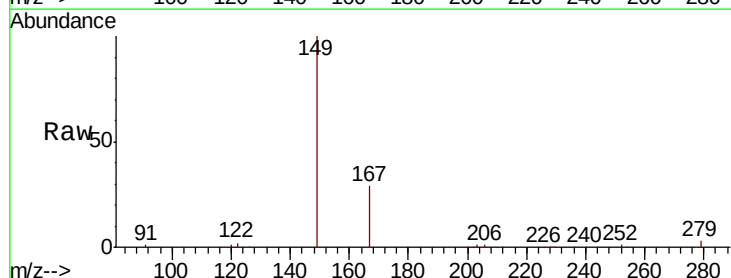
Tgt Ion:149 Resp: 74167

Ion Ratio Lower Upper

149 100

167 29.1 23.5 35.3

279 3.9 3.4 5.0

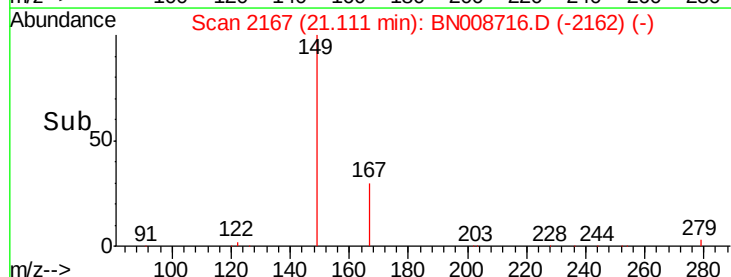
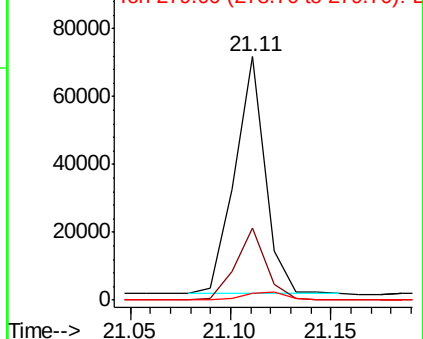


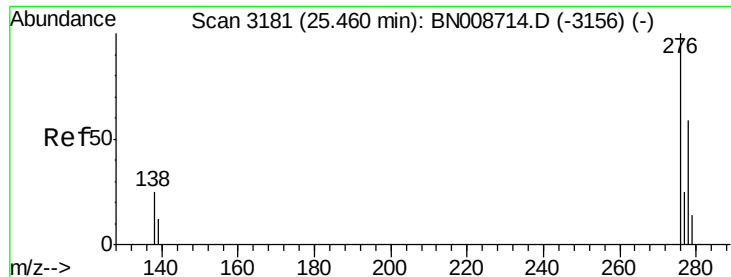
Abundance

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

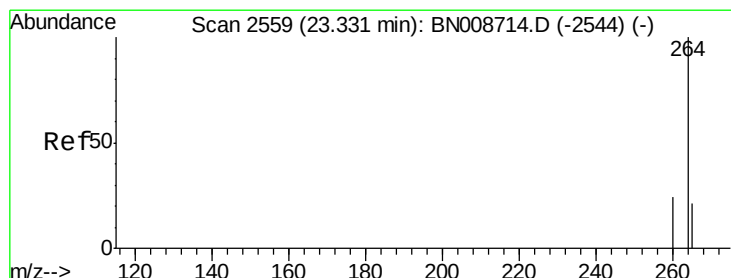
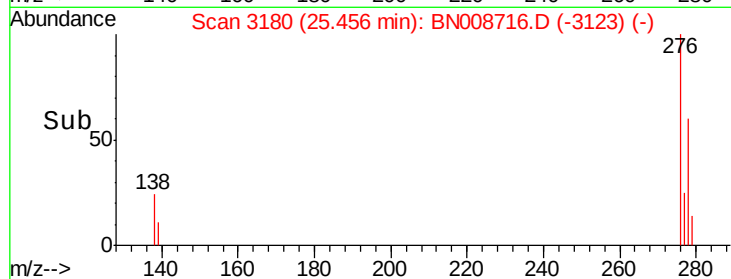
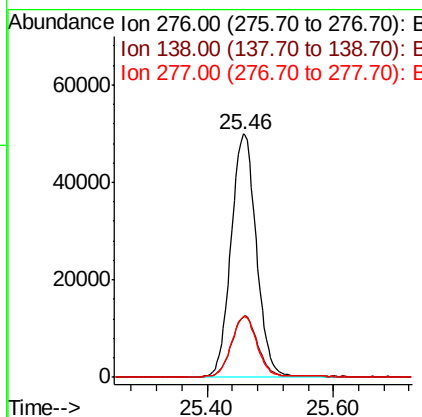
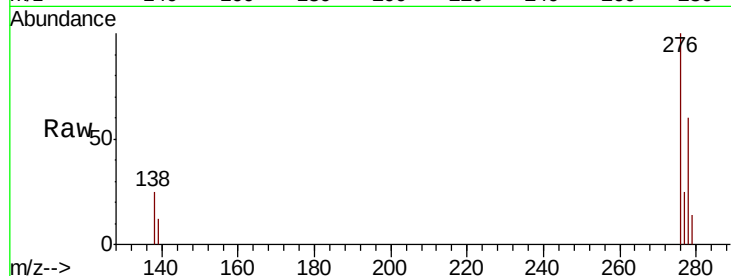




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.614 ng
 RT: 25.46 min Scan# 3180
 Delta R.T. -0.00 min
 Lab File: BN008716.D
 Acq: 22 Nov 2019 21:36

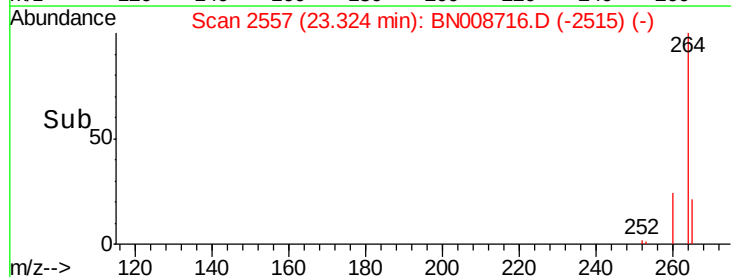
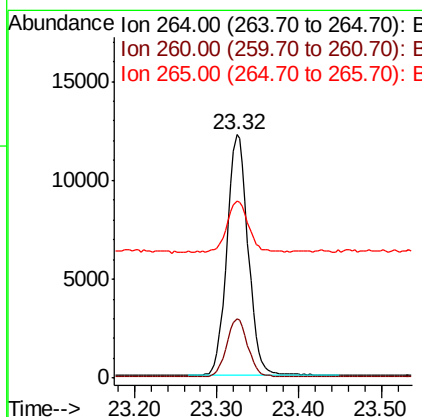
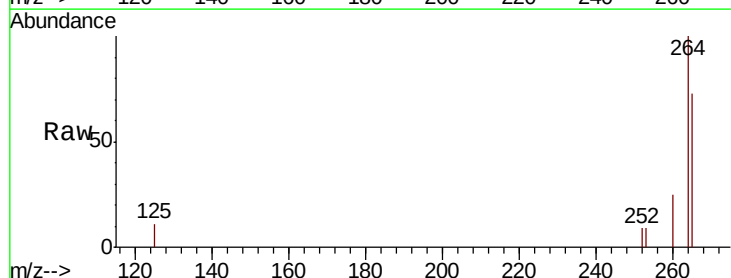
Instrument :
 BNA_N
 ClientSampleId :

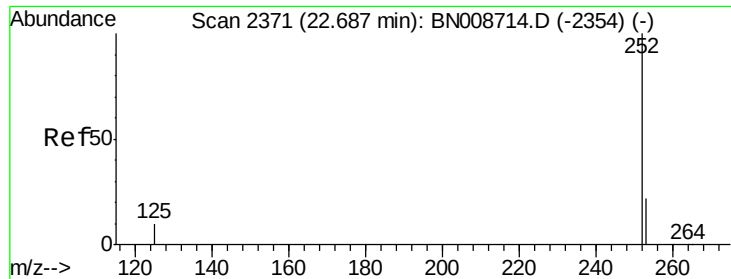
Tot Ion:276 Resp: 138400
 Ion Ratio Lower Upper
 276 100
 138 25.5 21.0 31.6
 277 24.8 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.32 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BN008716.D
 Acq: 22 Nov 2019 21:36

Tgt Ion:264 Resp: 21793
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 72.8 61.8 92.6





#35

Benzo(b)fluoranthene

Concen: 1.621 ng

RT: 22.68 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

Instrument :

BNA_N

ClientSampleId :

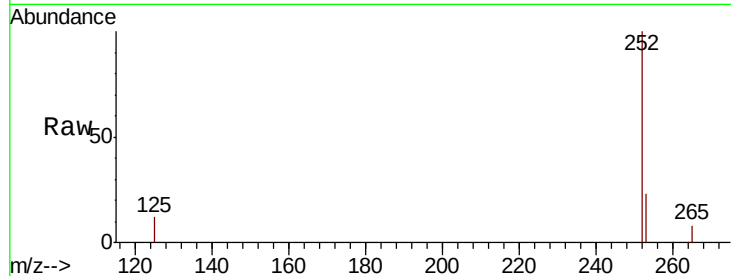
Tot Ion:252 Resp: 122222

Ion Ratio Lower Upper

252 100

253 22.6 20.8 31.2

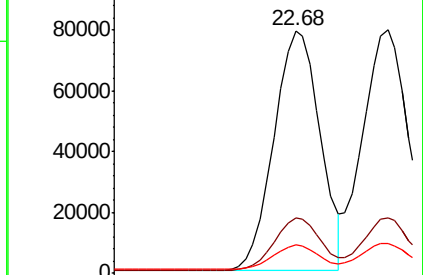
125 11.5 13.5 20.3#



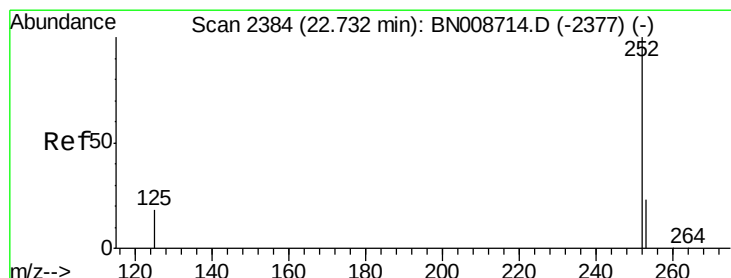
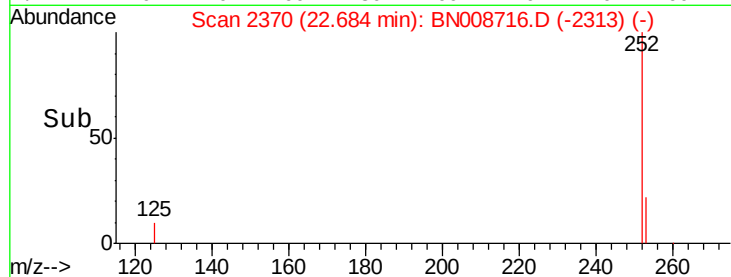
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 22.60 22.65 22.70



#36

Benzo(k)fluoranthene

Concen: 1.629 ng

RT: 22.73 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

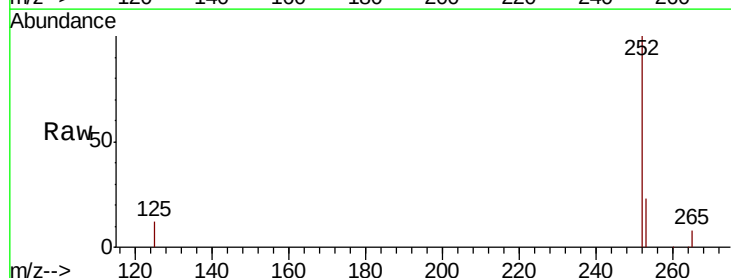
Tgt Ion:252 Resp: 124351

Ion Ratio Lower Upper

252 100

253 22.7 21.8 32.6

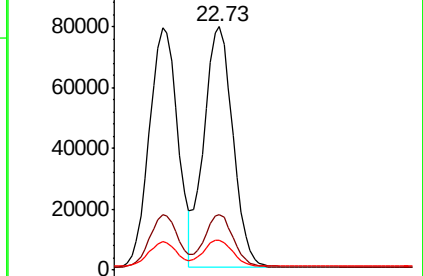
125 12.5 18.2 27.4#



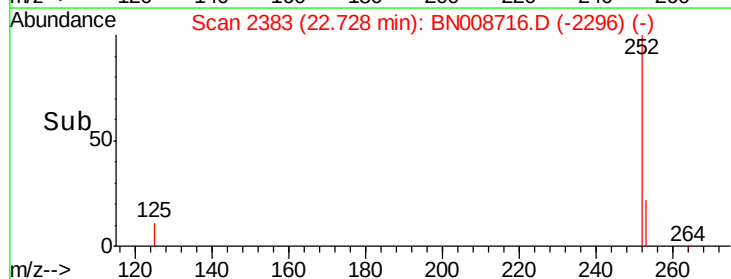
Abundance Ion 252.00 (251.70 to 252.70): E

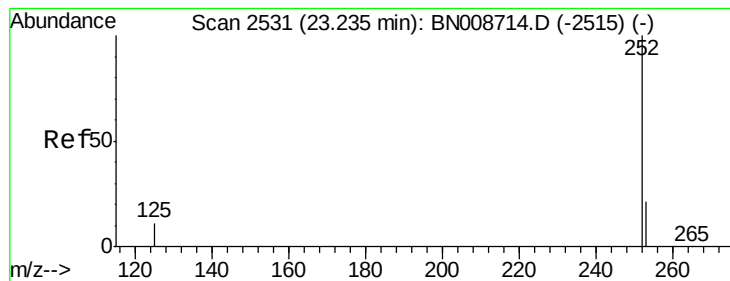
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 22.70 22.80





#37

Benzo(a)pyrene

Concen: 1.621 ng

RT: 23.23 min Scan# 2530

Delta R.T. -0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

Instrument :

BNA_N

ClientSampled :

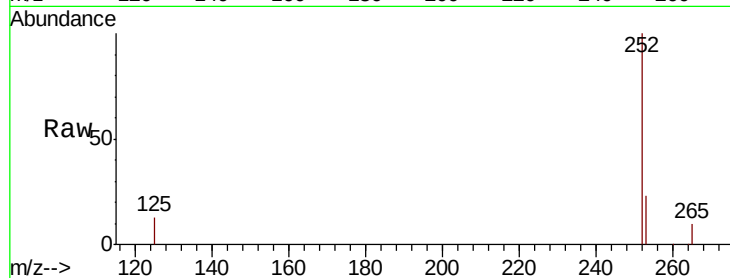
Tot Ion:252 Resp: 113110

Ion Ratio Lower Upper

252 100

253 22.8 21.9 32.9

125 12.8 16.3 24.5#

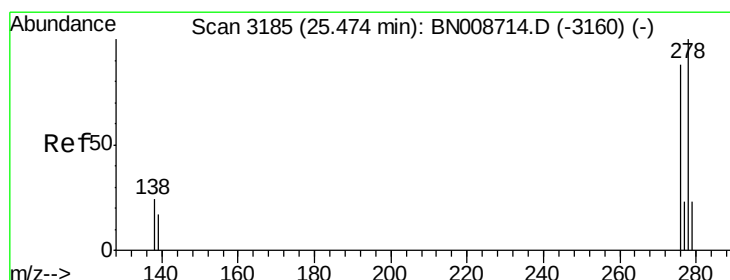
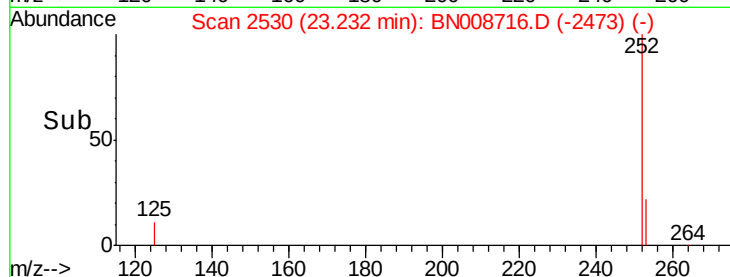
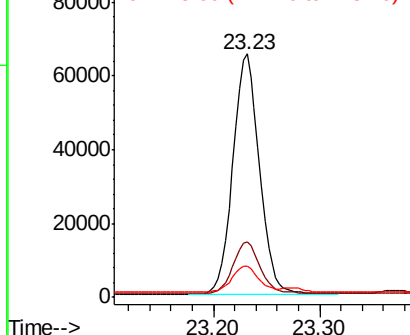


Abundance

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: 1.630 ng

RT: 25.47 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

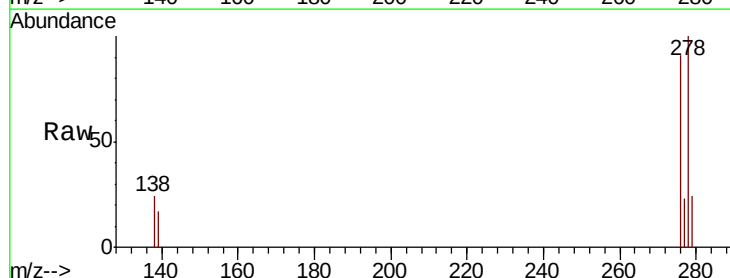
Tgt Ion:278 Resp: 112248

Ion Ratio Lower Upper

278 100

139 17.2 15.4 23.2

279 24.0 21.3 31.9

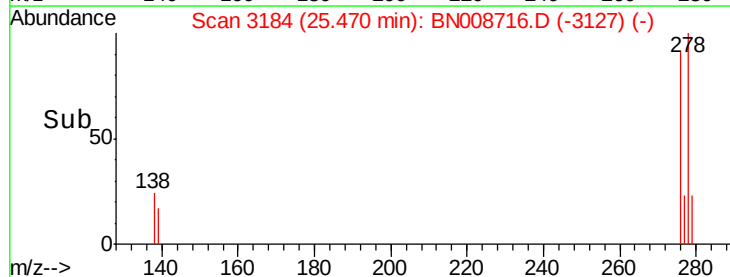
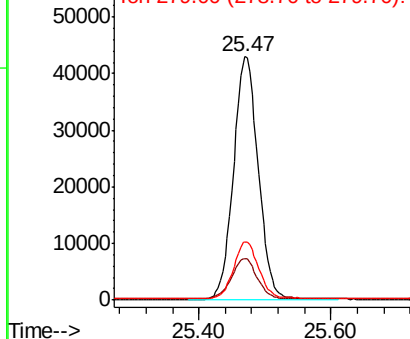


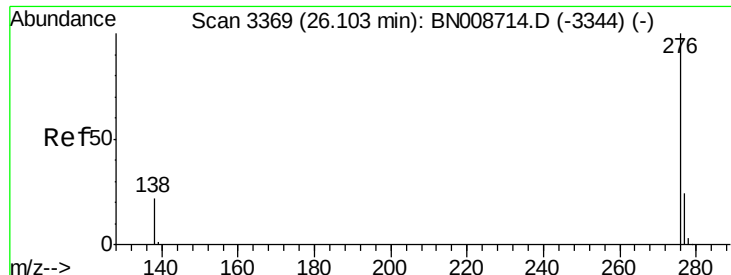
Abundance

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: 1.632 ng

RT: 26.10 min Scan# 3369

Delta R.T. 0.00 min

Lab File: BN008716.D

Acq: 22 Nov 2019 21:36

Instrument :

BNA_N

ClientSampleId :

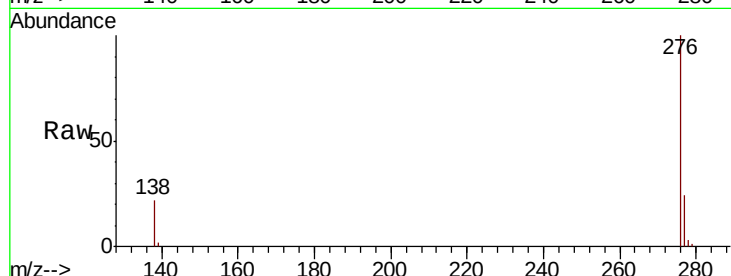
Tot Ion: 276 Resp: 112026

Ion Ratio Lower Upper

276 100

277 24.1 20.4 30.6

138 22.5 19.2 28.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

