

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112219\
 Data File : BN008719.D
 Acq On : 22 Nov 2019 23:23
 Operator : JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 25 10:30:46 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	4569	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	16513	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	10061	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	21742	0.40	ng	0.00
27) Chrysene-d12	21.16	240	21297	0.40	ng	0.00
34) Perylene-d12	23.32	264	21614	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	1188	0.10	ng	0.00
5) Phenol-d6	6.78	99	1443	0.10	ng	0.00
8) Nitrobenzene-d5	8.73	82	1458	0.10	ng	0.00
11) 2-Methylnaphthalene-d10	11.95	152	2586	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	413	0.09	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	4016	0.10	ng	0.00
25) Fluoranthene-d10	19.00	212	6188	0.10	ng	0.00
29) Terphenyl-d14	19.61	244	5132	0.10	ng	0.00

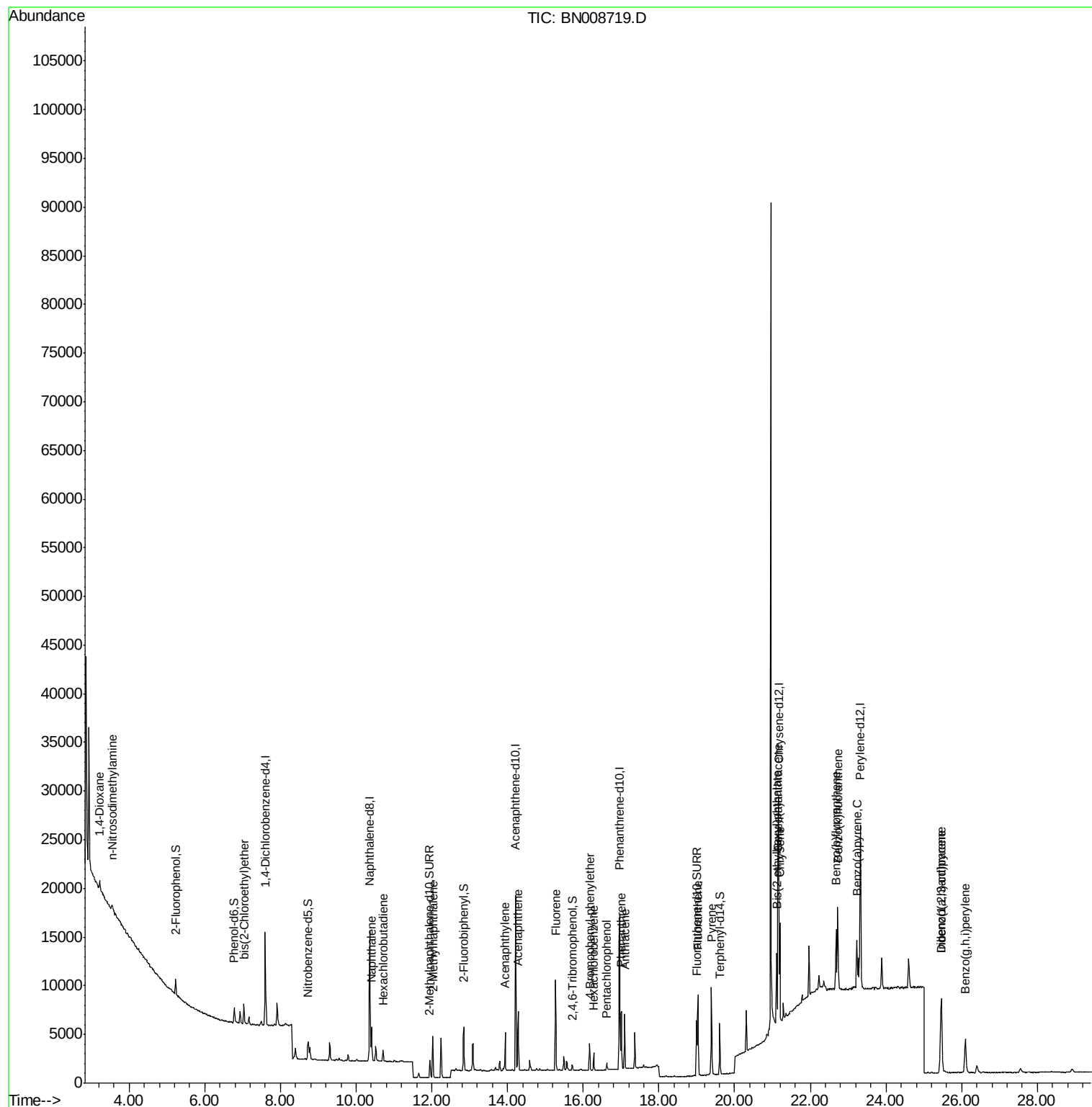
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	506	0.105	ng	91
3) n-Nitrosodimethylamine	3.55	42	453	0.148	ng	# 86
6) bis(2-Chloroethyl)ether	7.03	93	1376	0.097	ng	97
9) Naphthalene	10.41	128	4391	0.100	ng	96
10) Hexachlorobutadiene	10.71	225	937	0.103	ng	# 99
12) 2-Methylnaphthalene	12.02	142	3054	0.100	ng	97
16) Acenaphthylene	13.93	152	4455	0.096	ng	99
17) Acenaphthene	14.28	154	2959	0.097	ng	99
18) Fluorene	15.27	166	3816	0.098	ng	99
20) 4-Bromophenyl-phenylether	16.17	248	1332	0.098	ng	97
21) Hexachlorobenzene	16.28	284	1504	0.101	ng	97
22) Pentachlorophenol	16.62	266	429	0.080	ng	93
23) Phenanthrene	17.01	178	6712	0.100	ng	98
24) Anthracene	17.09	178	5731	0.096	ng	99
26) Fluoranthene	19.03	202	7748	0.098	ng	100
28) Pyrene	19.39	202	8076	0.103	ng	99
30) Benzo(a)anthracene	21.14	228	7970	0.102	ng	96
31) Chrysene	21.20	228	7650	0.101	ng	99
32) Bis(2-ethylhexyl)phthalate	21.11	149	7069	0.140	ng	99
33) Indeno(1,2,3-cd)pyrene	25.45	276	8504	0.101	ng	# 93
35) Benzo(b)fluoranthene	22.68	252	7599	0.102	ng	# 72
36) Benzo(k)fluoranthene	22.72	252	7644	0.101	ng	# 50
37) Benzo(a)pyrene	23.23	252	7052	0.102	ng	# 67
38) Dibenzo(a,h)anthracene	25.47	278	6871	0.101	ng	# 84
39) Benzo(g,h,i)perylene	26.10	276	6755	0.099	ng	91

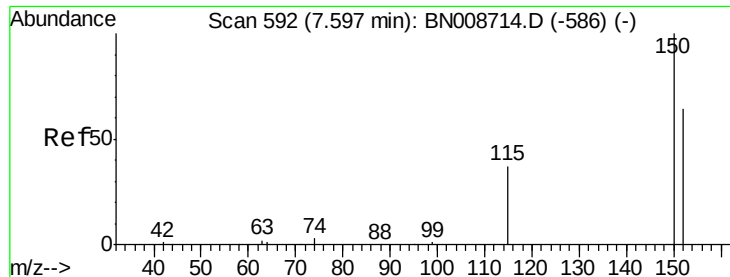
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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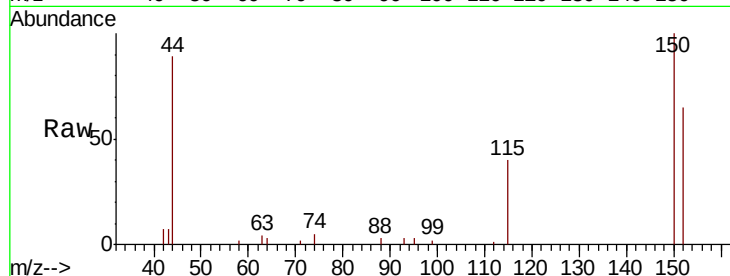


#1

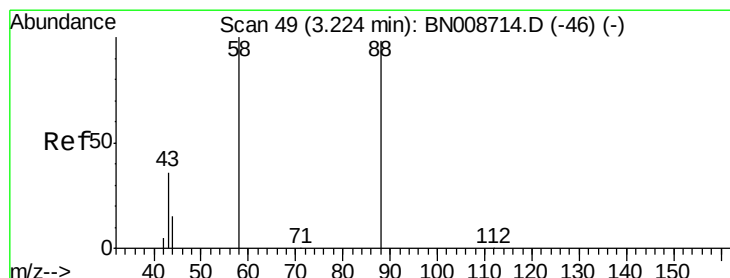
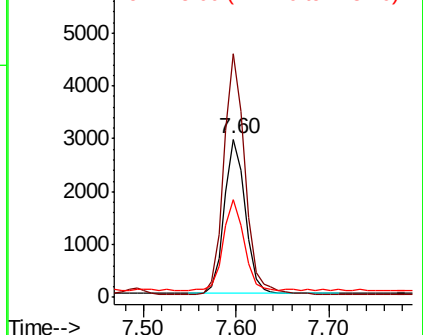
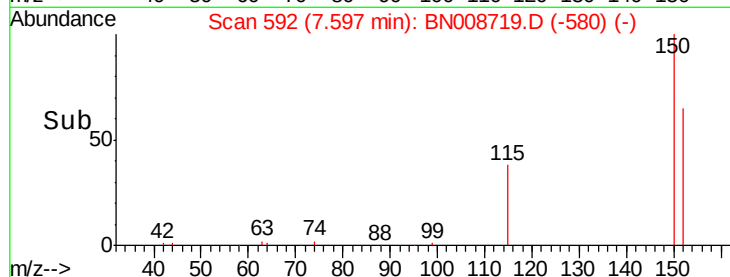
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. -0.00 min
Lab File: BN008719.D
Acq: 22 Nov 2019 23:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4569
Ion Ratio Lower Upper
152 100
150 153.6 124.0 186.0
115 62.0 49.8 74.8



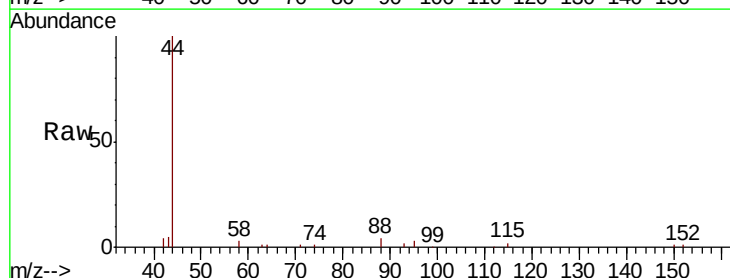
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



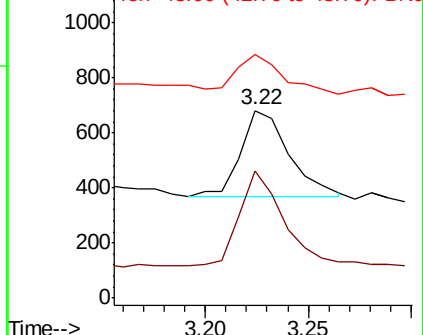
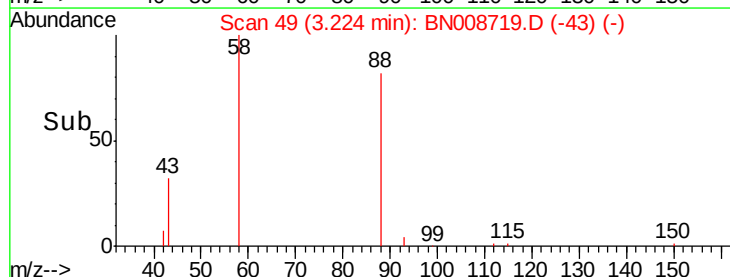
#2

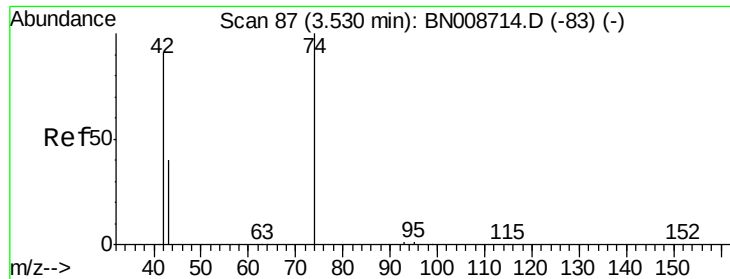
1,4-Dioxane
Concen: 0.105 ng
RT: 3.22 min Scan# 49
Delta R.T. -0.00 min
Lab File: BN008719.D
Acq: 22 Nov 2019 23:23

Tgt Ion: 88 Resp: 506
Ion Ratio Lower Upper
88 100
58 99.2 85.7 128.5
43 44.1 29.5 44.3



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.148 ng

RT: 3.55 min Scan# 89

Delta R.T. 0.02 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

Instrument :

BNA_N

ClientSampleId :

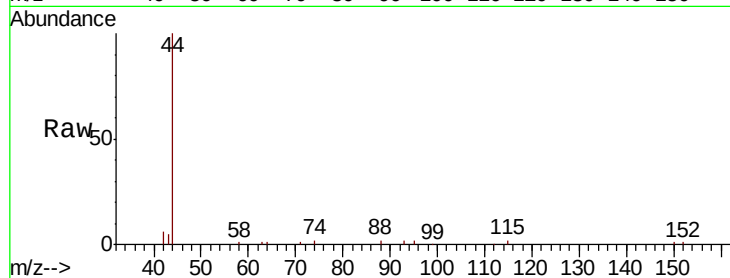
Tot Ion: 42 Resp: 453

Ion Ratio Lower Upper

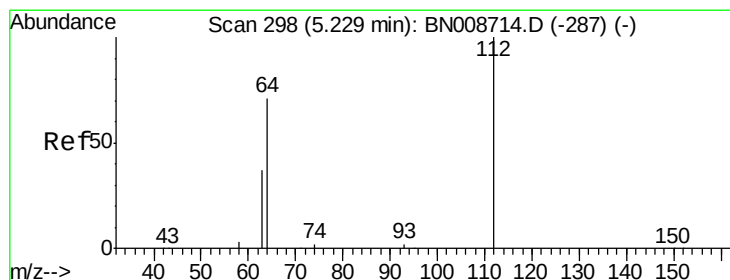
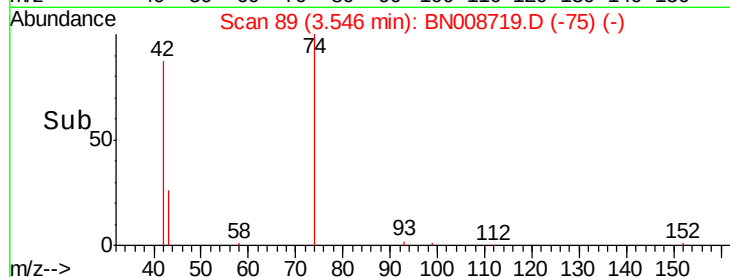
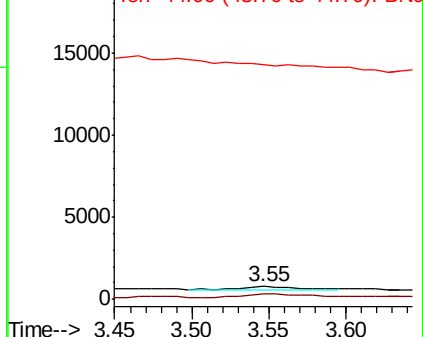
42 100

74 124.3 88.0 132.0

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.099 ng

RT: 5.23 min Scan# 298

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

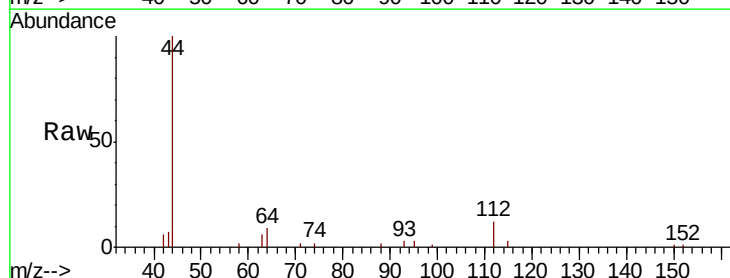
Tgt Ion: 112 Resp: 1188

Ion Ratio Lower Upper

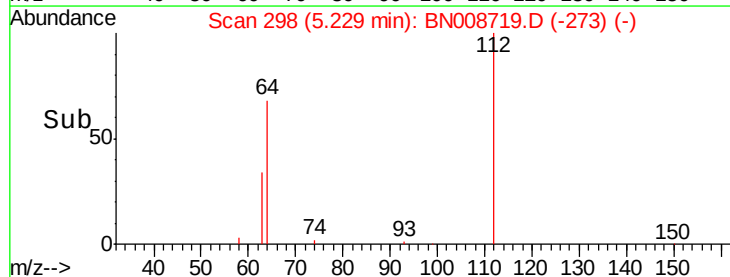
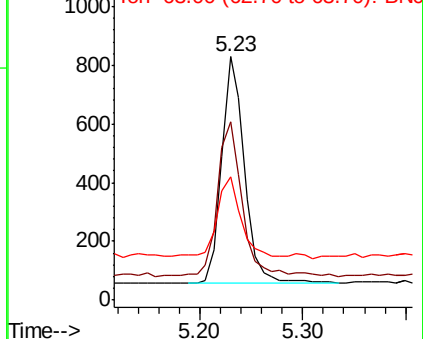
112 100

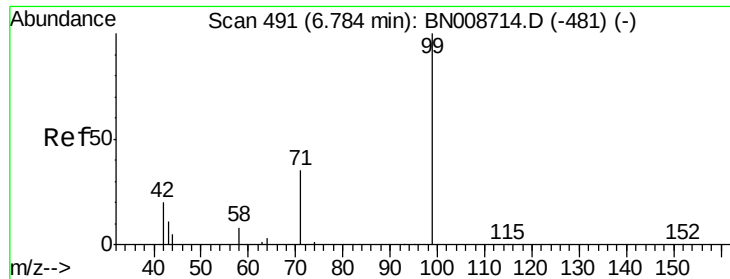
64 72.6 57.1 85.7

63 36.8 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.095 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

Instrument :

BNA_N

ClientSampleId :

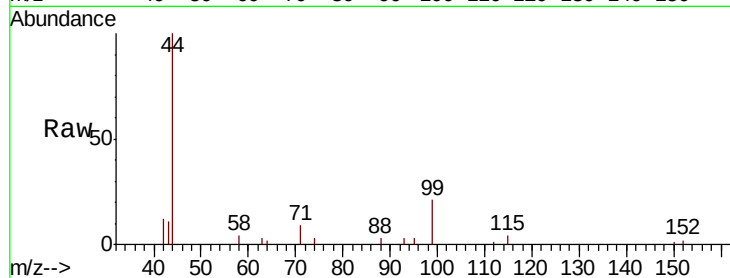
Tot Ion: 99 Resp: 1443

Ion Ratio Lower Upper

99 100

42 27.2 19.4 29.2

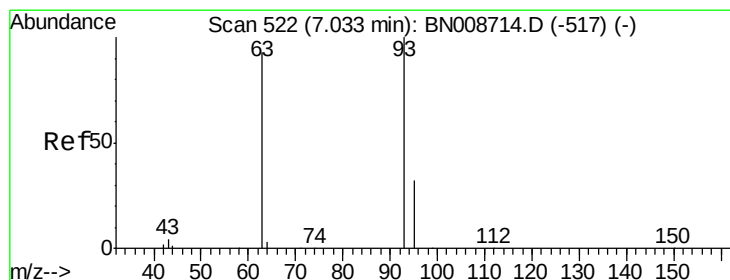
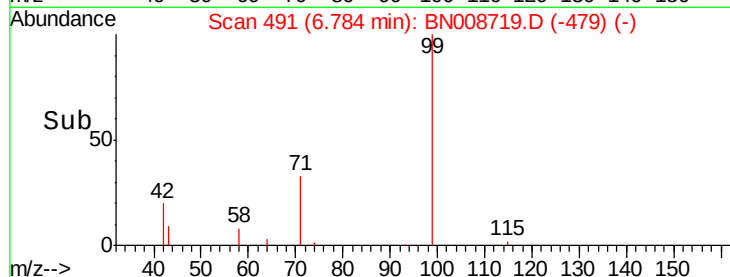
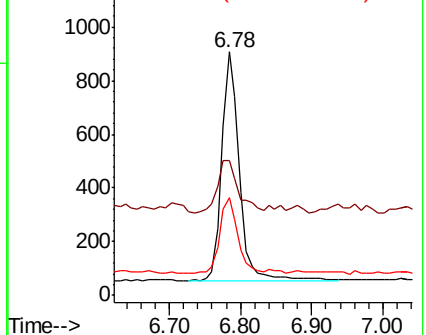
71 34.2 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BN008719.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN008719.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN008719.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.097 ng

RT: 7.03 min Scan# 522

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

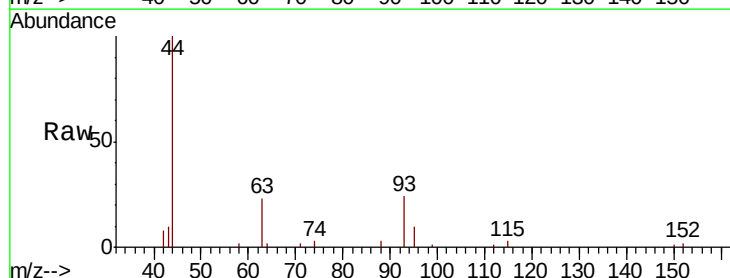
Tgt Ion: 93 Resp: 1376

Ion Ratio Lower Upper

93 100

63 95.4 74.2 111.4

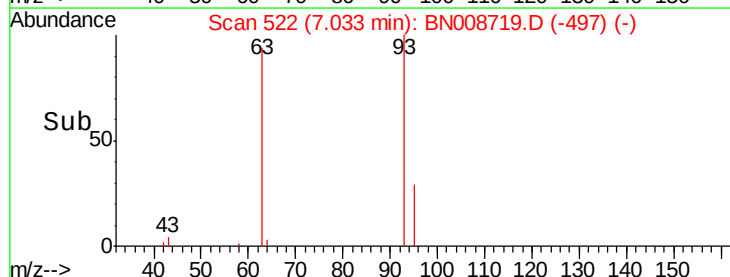
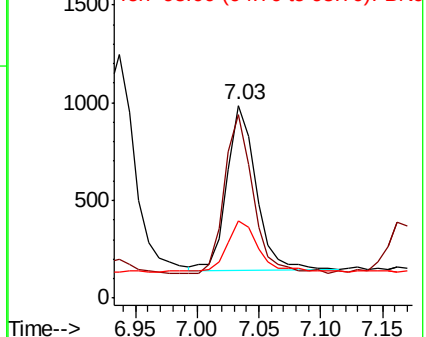
95 35.2 26.2 39.2

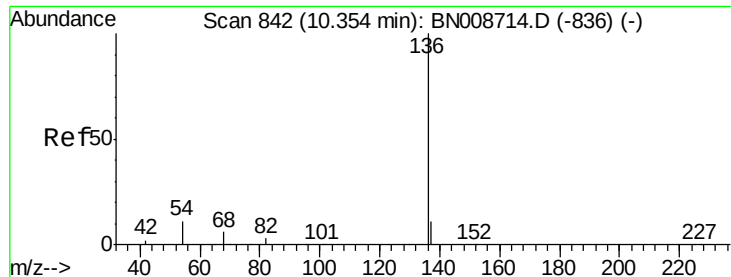


Abundance Ion 93.00 (92.70 to 93.70): BN008719.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN008719.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN008719.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 16513

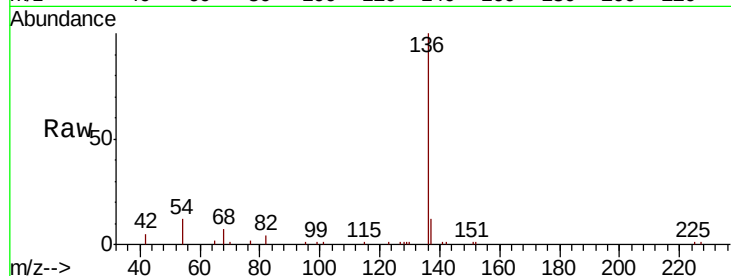
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 12.0 9.4 14.2

68 7.0 5.8 8.6

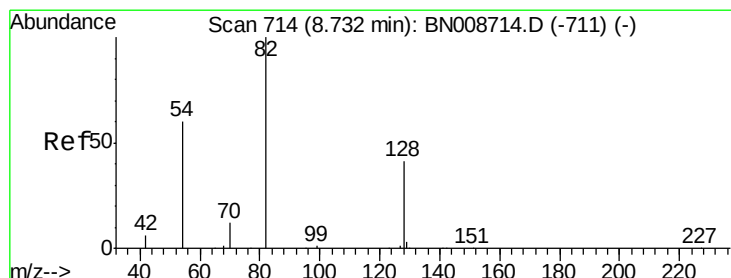
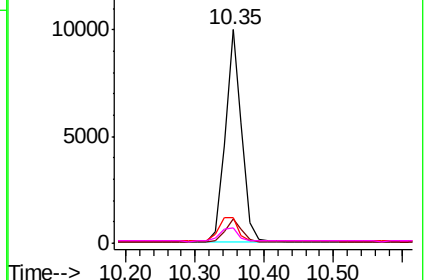
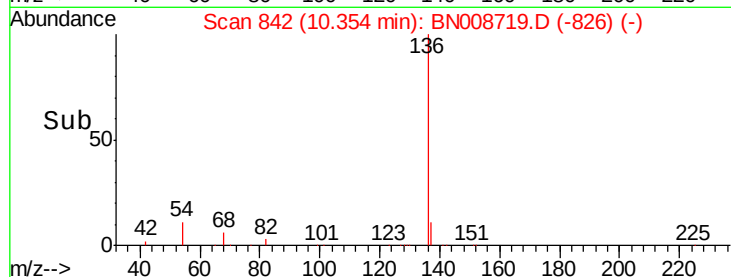


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.098 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

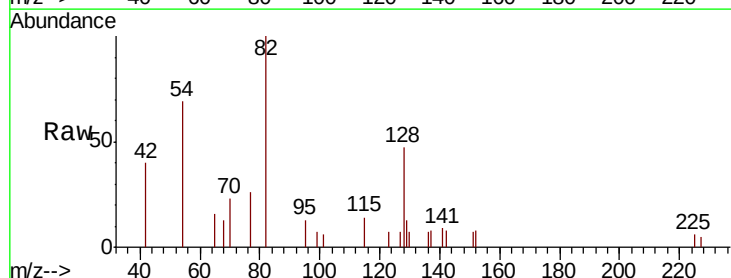
Tgt Ion: 82 Resp: 1458

Ion Ratio Lower Upper

82 100

128 46.7 34.6 52.0

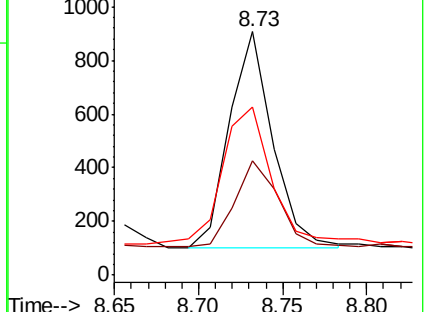
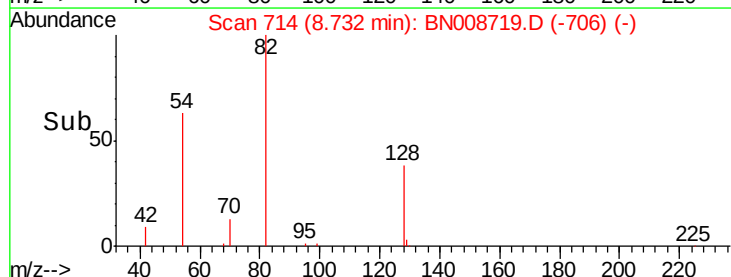
54 69.1 50.2 75.4

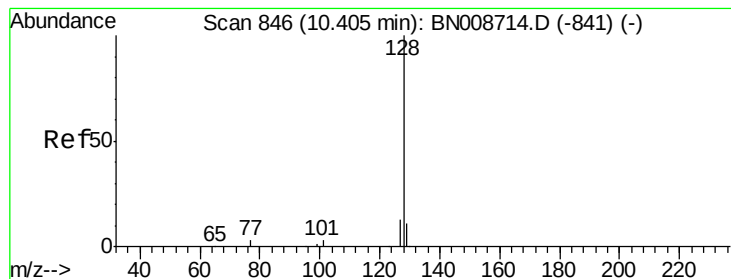


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.100 ng

RT: 10.41 min Scan# 846

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

Instrument :

BNA_N

ClientSampleId :

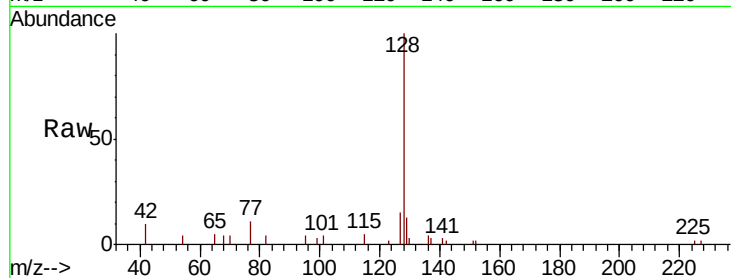
Tot Ion:128 Resp: 4391

Ion Ratio Lower Upper

128 100

129 13.4 9.4 14.2

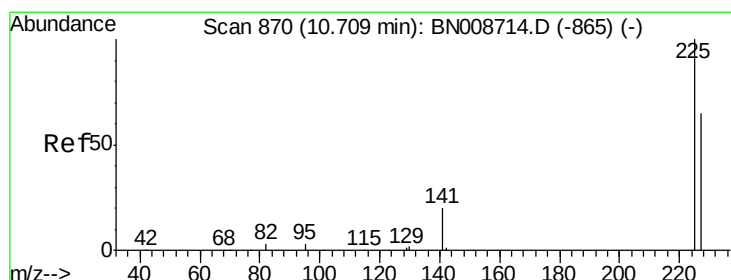
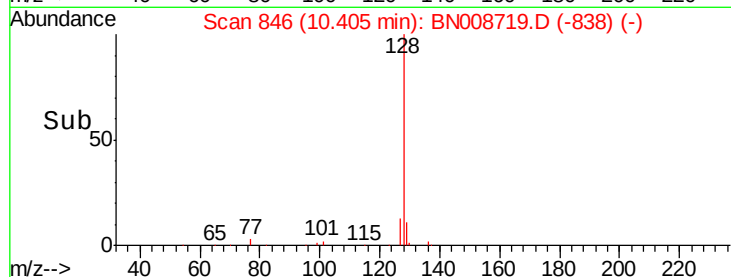
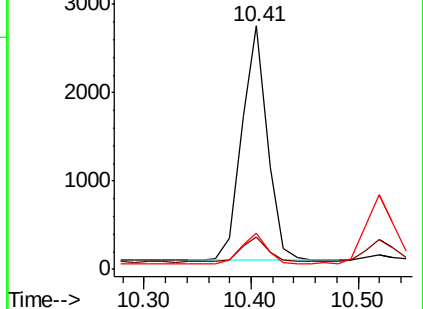
127 15.0 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.103 ng

RT: 10.71 min Scan# 870

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

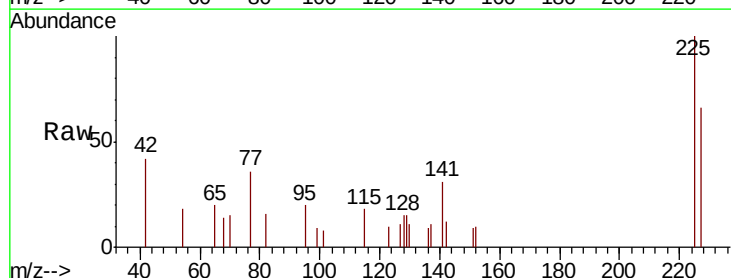
Tgt Ion:225 Resp: 937

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

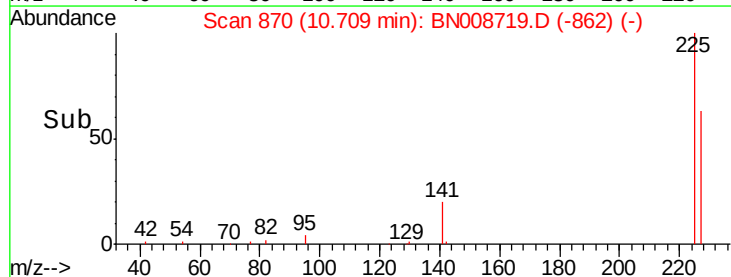
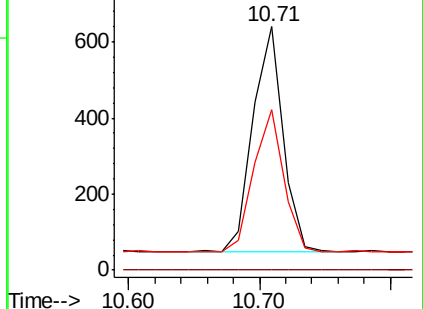
227 63.8 51.8 77.6

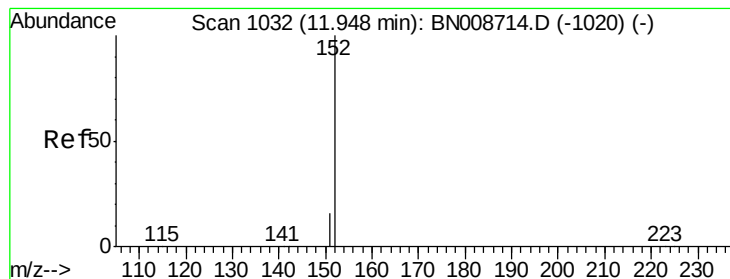


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.099 ng

RT: 11.95 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

Instrument :

BNA_N

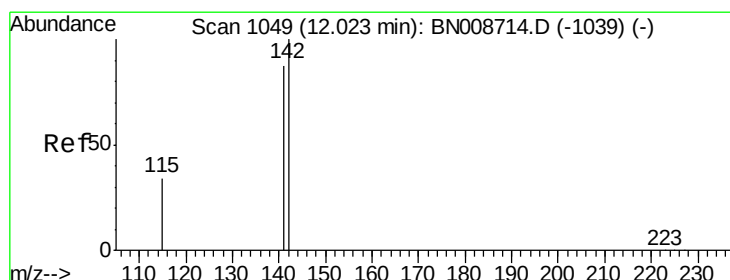
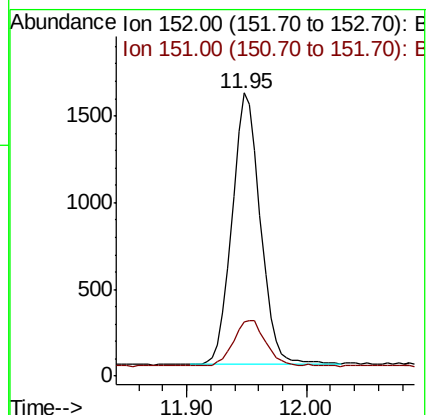
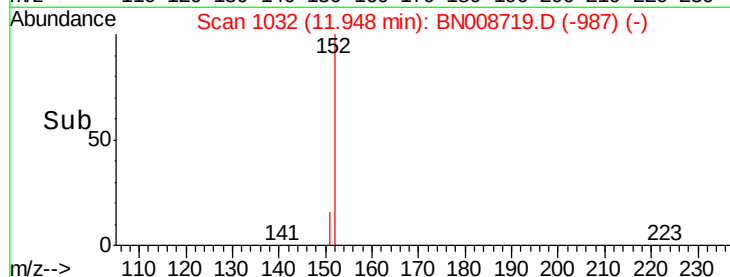
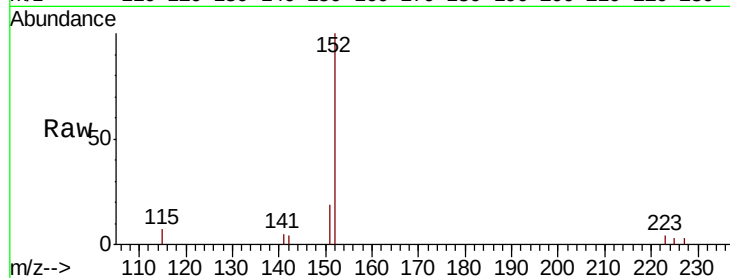
ClientSampleId :

Tot Ion:152 Resp: 2586

Ion Ratio Lower Upper

152 100

151 18.9 15.2 22.8



#12

2-Methylnaphthalene

Concen: 0.100 ng

RT: 12.02 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

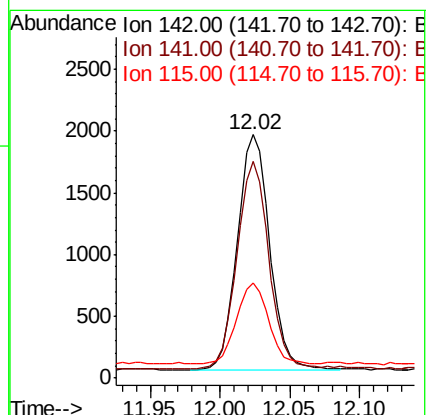
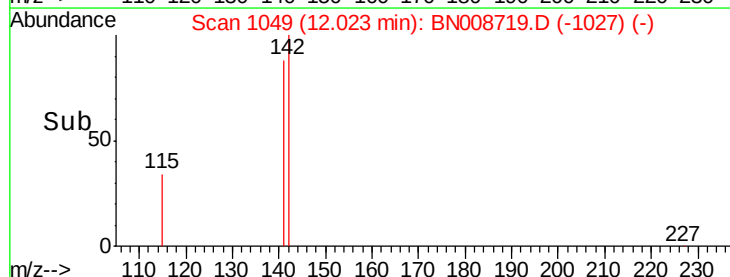
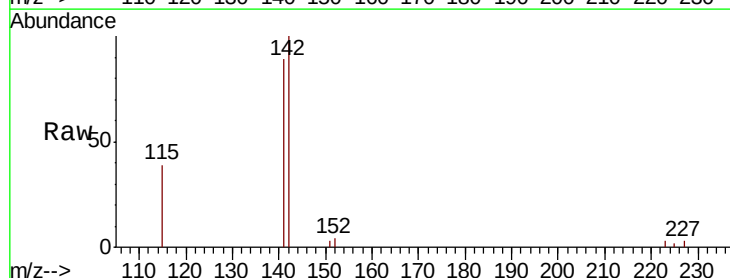
Tgt Ion:142 Resp: 3054

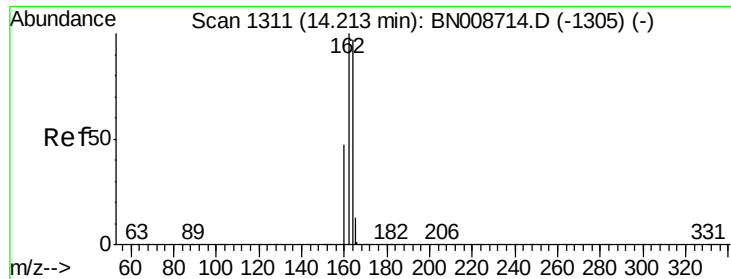
Ion Ratio Lower Upper

142 100

141 89.2 69.8 104.6

115 39.3 28.4 42.6

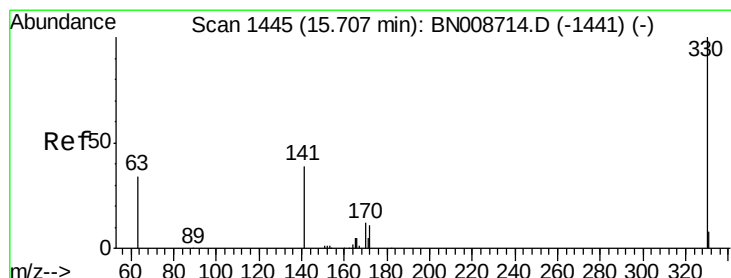
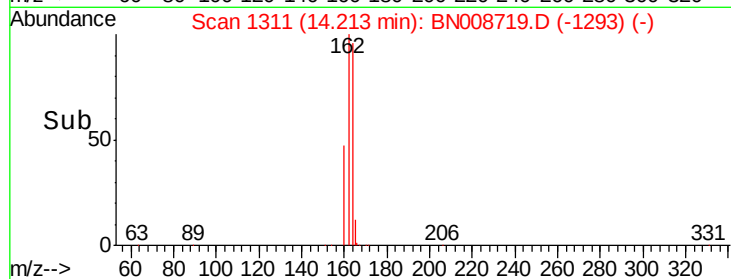
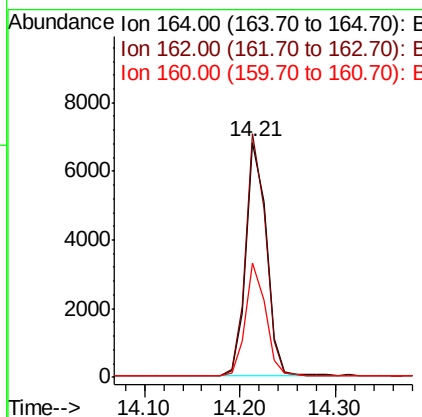
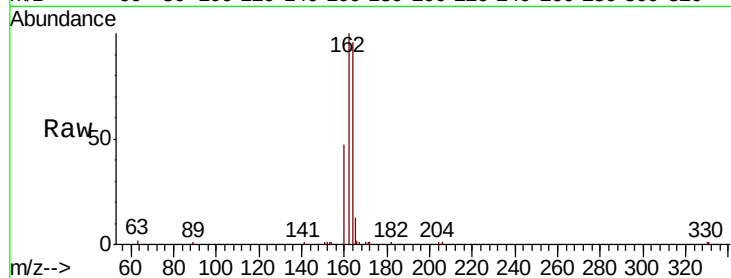




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.21 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BN008719.D
 Acq: 22 Nov 2019 23:23

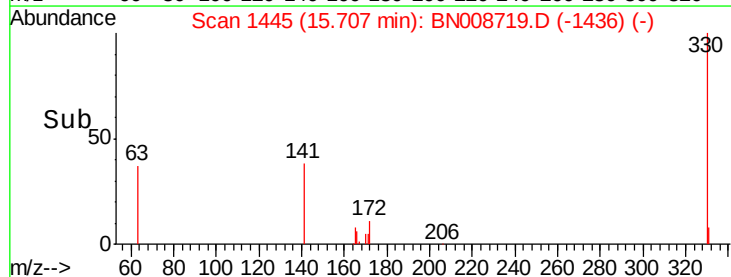
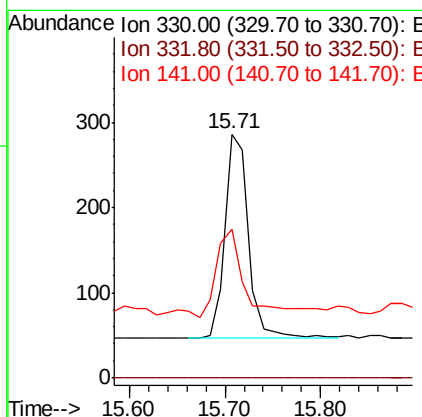
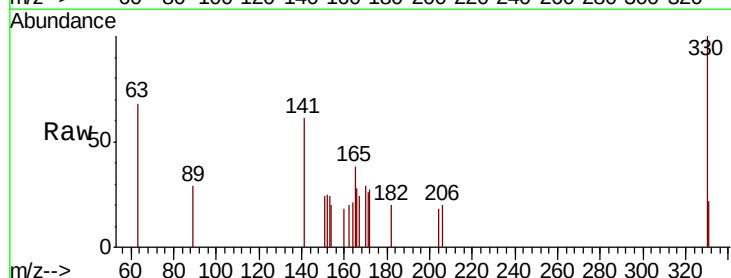
Instrument :
 BNA_N
 ClientSampleId :

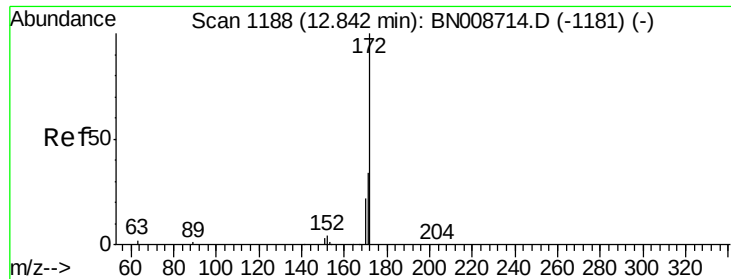
Tot Ion:164 Resp: 10061
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.2 123.4
 160 48.6 38.7 58.1



#14
 2,4,6-Tribromophenol
 Concen: 0.088 ng
 RT: 15.71 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BN008719.D
 Acq: 22 Nov 2019 23:23

Tgt Ion:330 Resp: 413
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 49.2 29.5 44.3#

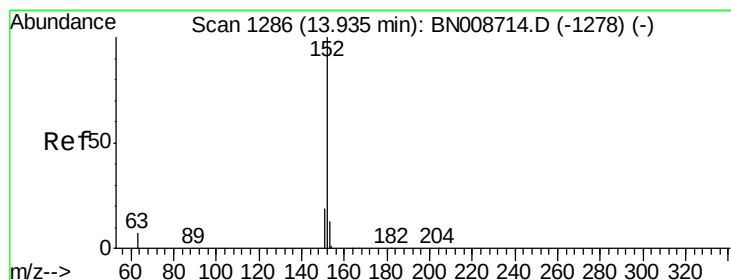
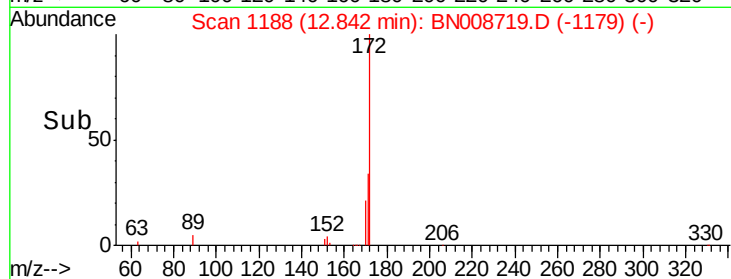
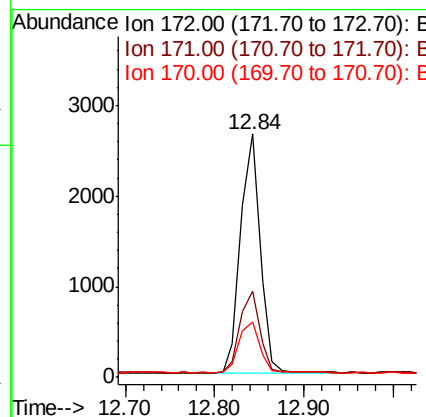
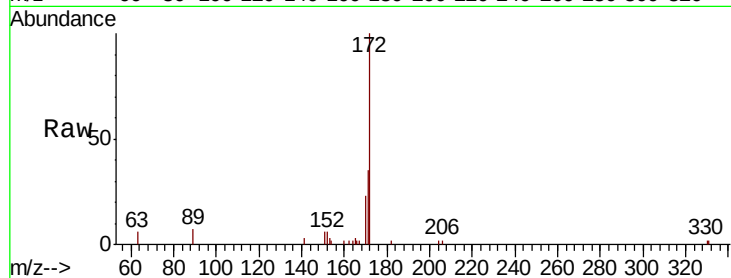




#15
2-Fluorobiphenyl
Concen: 0.102 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BN008719.D
Acq: 22 Nov 2019 23:23

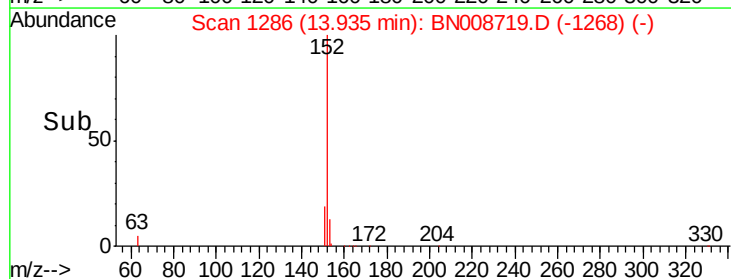
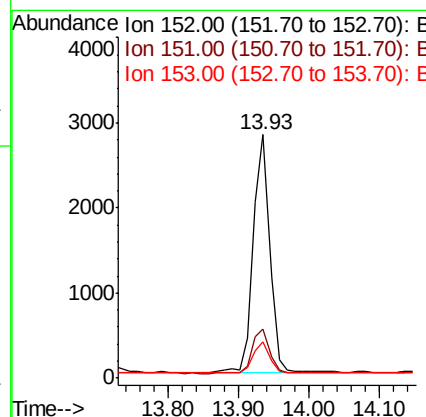
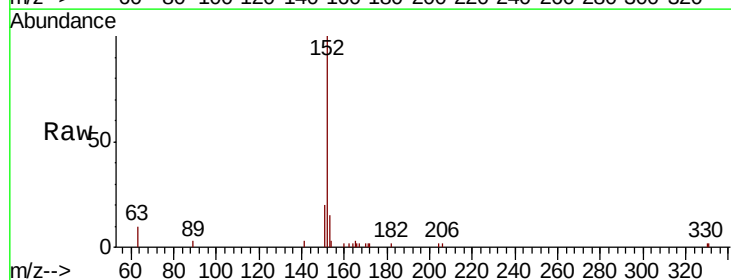
Instrument :
BNA_N
ClientSampleId :

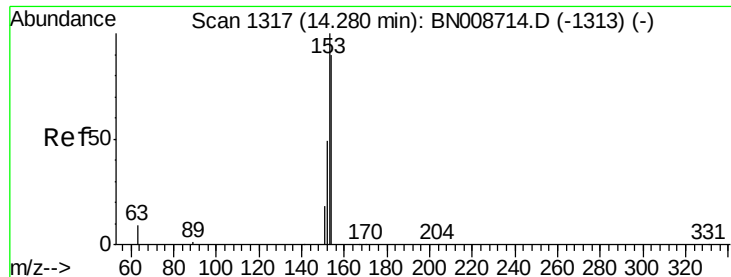
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.3	40.9
170	23.0	17.8	26.6



#16
Acenaphthylene
Concen: 0.096 ng
RT: 13.93 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN008719.D
Acq: 22 Nov 2019 23:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	13.9	10.3	15.5





#17

Acenaphthene

Concen: 0.097 ng

RT: 14.28 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

Instrument :

BNA_N

ClientSampleId :

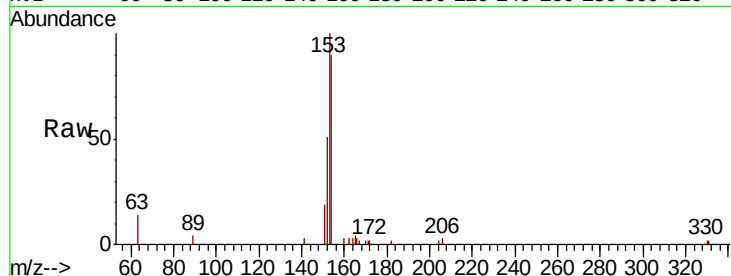
Tot Ion:154 Resp: 2959

Ion Ratio Lower Upper

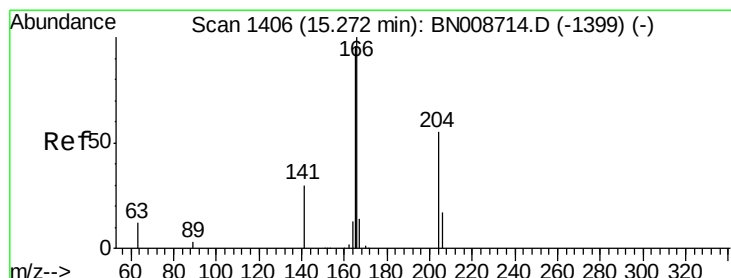
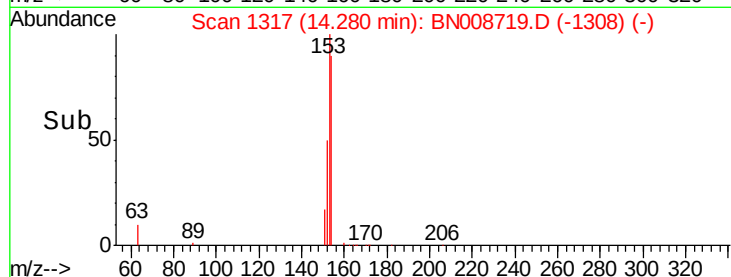
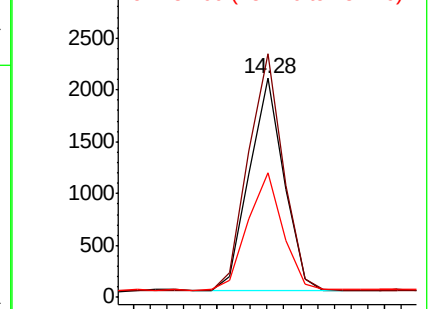
154 100

153 113.6 89.6 134.4

152 56.3 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.098 ng

RT: 15.27 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

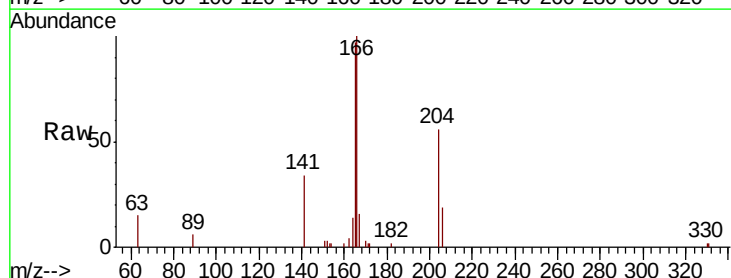
Tgt Ion:166 Resp: 3816

Ion Ratio Lower Upper

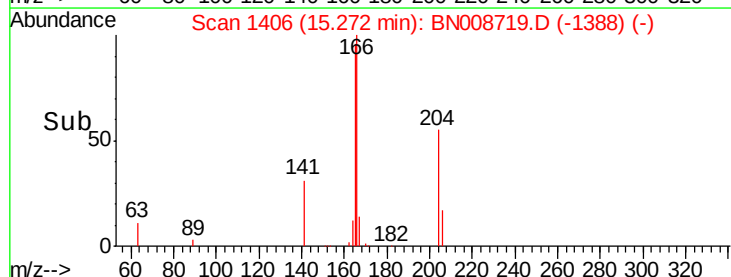
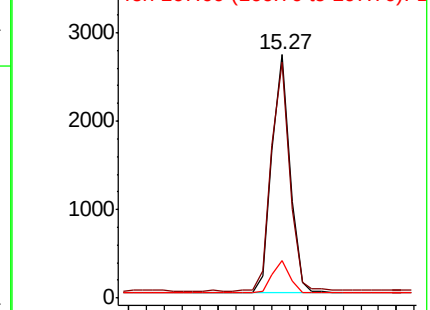
166 100

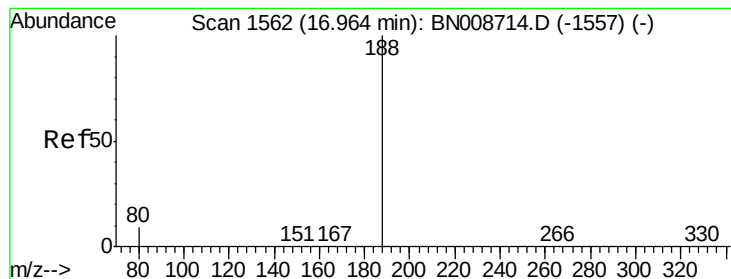
165 98.1 77.7 116.5

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: BN008719.D

Acq: 22 Nov 2019 23:23

Instrument :

BNA_N

ClientSampleId :

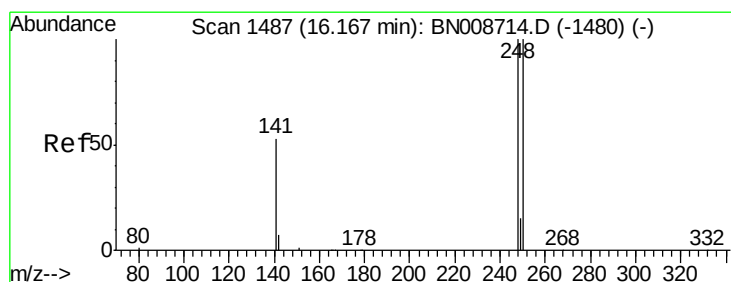
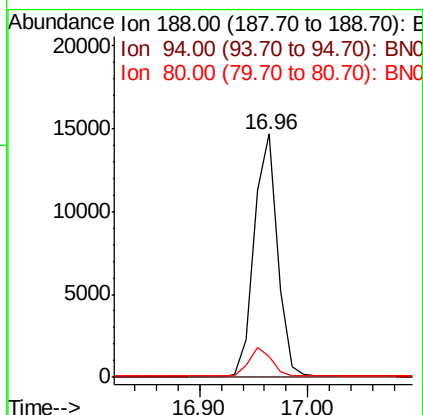
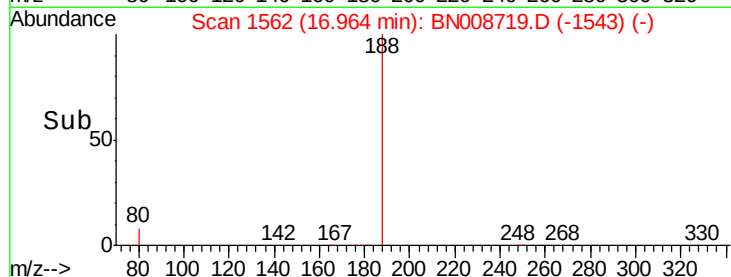
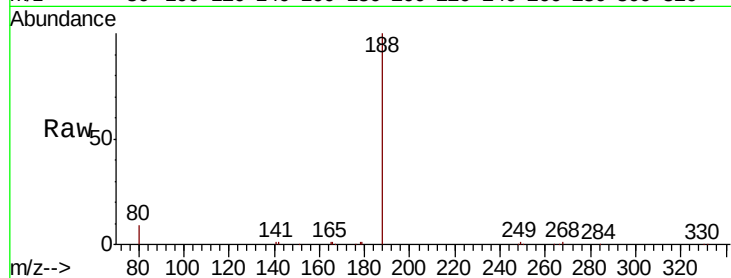
Tot Ion:188 Resp: 21742

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.8 7.4 11.0



#20

4-Bromophenyl-phenylether

Concen: 0.098 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

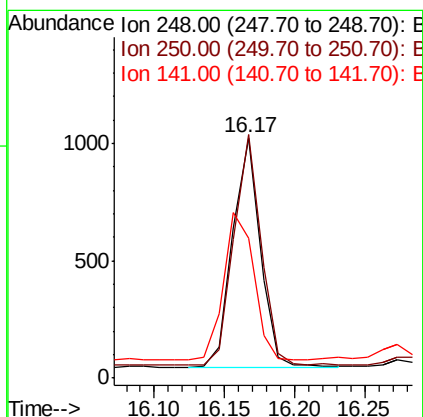
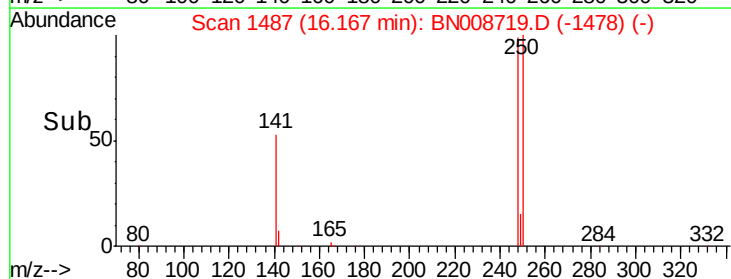
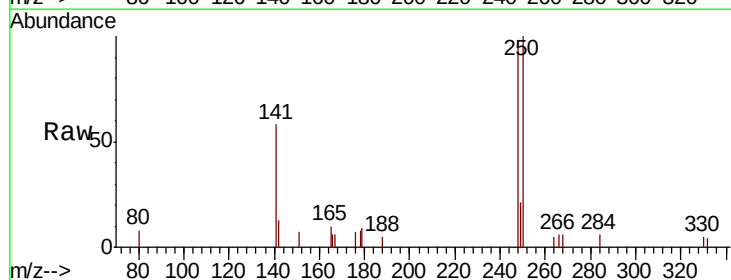
Tgt Ion:248 Resp: 1332

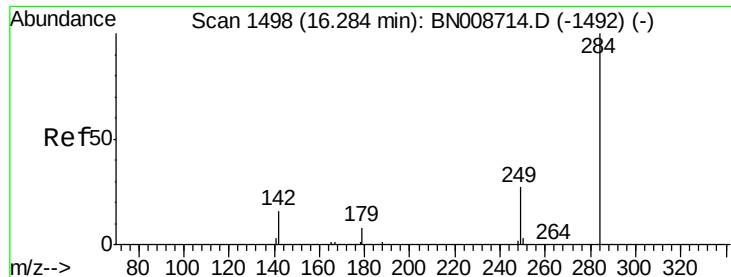
Ion Ratio Lower Upper

248 100

250 101.6 80.5 120.7

141 58.6 43.8 65.6





#21

Hexachlorobenzene

Concen: 0.101 ng

RT: 16.28 min Scan# 1498

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

Instrument :

BNA_N

ClientSampled :

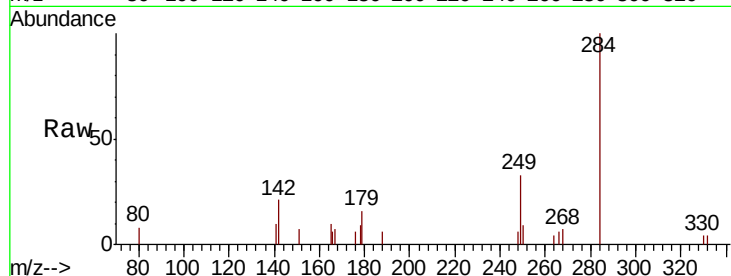
Tot Ion:284 Resp: 1504

Ion Ratio Lower Upper

284 100

142 36.4 27.4 41.0

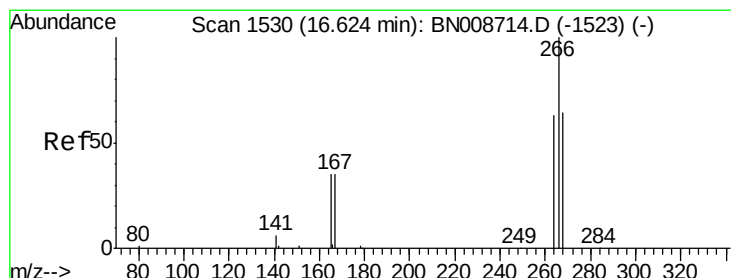
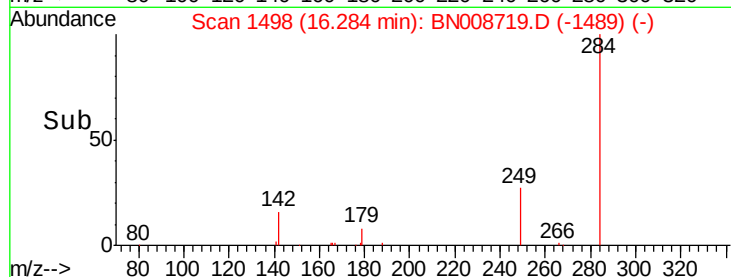
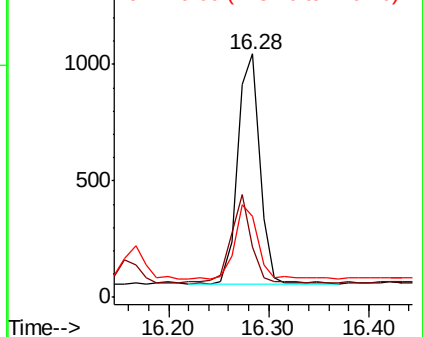
249 32.6 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.080 ng

RT: 16.62 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

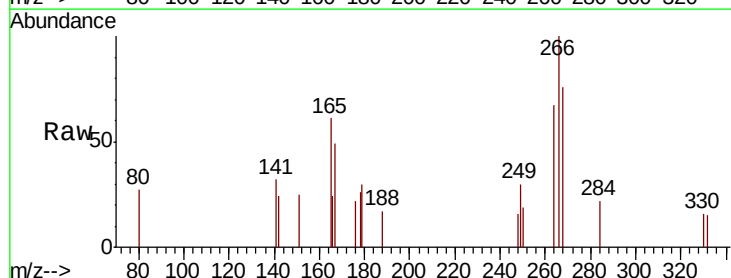
Tgt Ion:266 Resp: 429

Ion Ratio Lower Upper

266 100

264 66.7 51.0 76.4

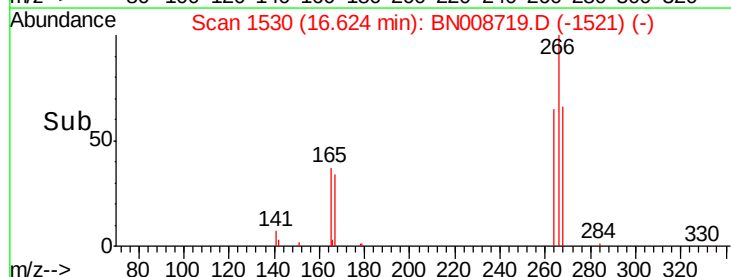
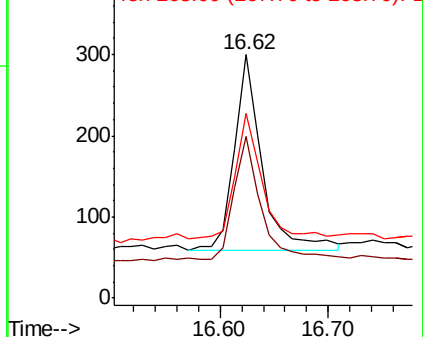
268 75.7 54.1 81.1

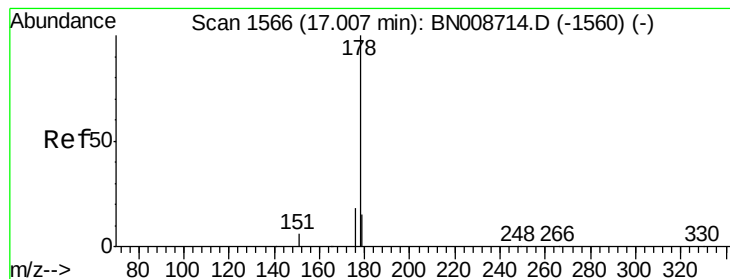


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.100 ng

RT: 17.01 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

Instrument :

BNA_N

ClientSampleId :

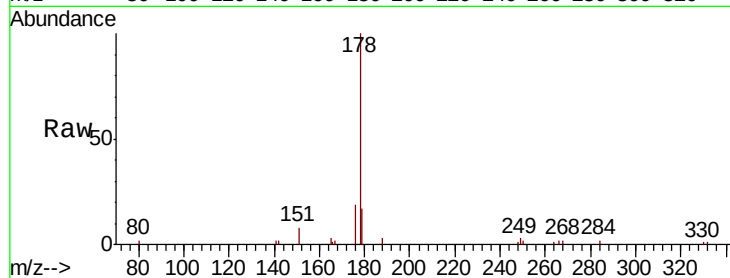
Tot Ion:178 Resp: 6712

Ion Ratio Lower Upper

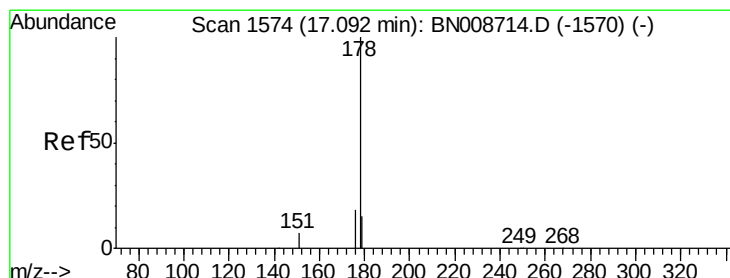
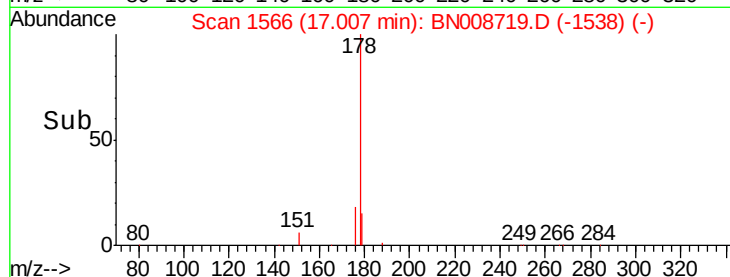
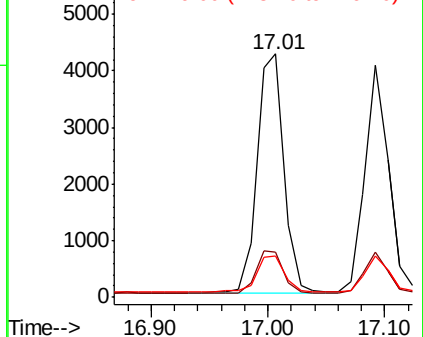
178 100

176 18.0 15.0 22.4

179 16.2 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: 0.096 ng

RT: 17.09 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

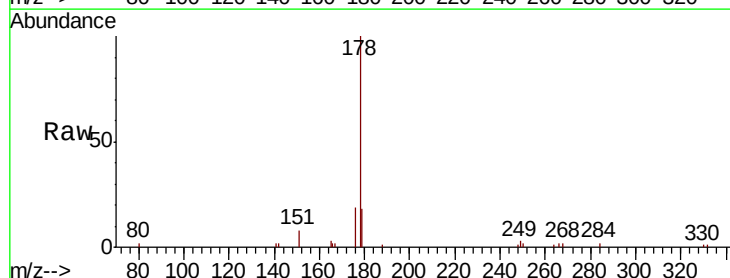
Tgt Ion:178 Resp: 5731

Ion Ratio Lower Upper

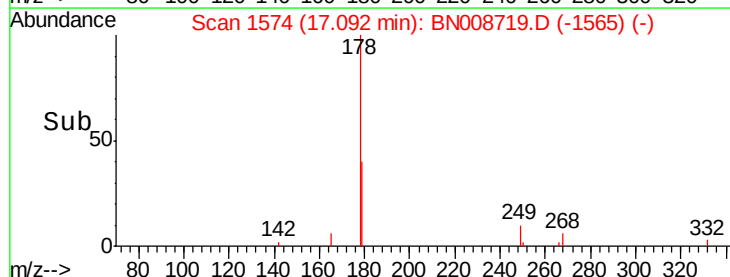
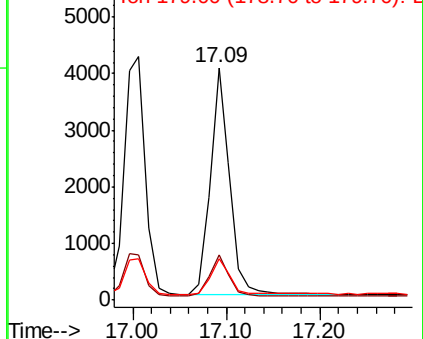
178 100

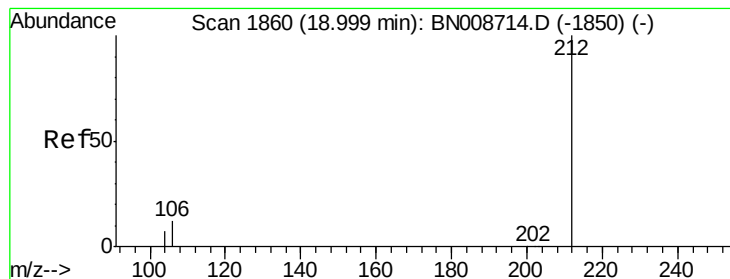
176 17.7 14.4 21.6

179 15.9 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.097 ng

RT: 19.00 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

Instrument :

BNA_N

ClientSampleId :

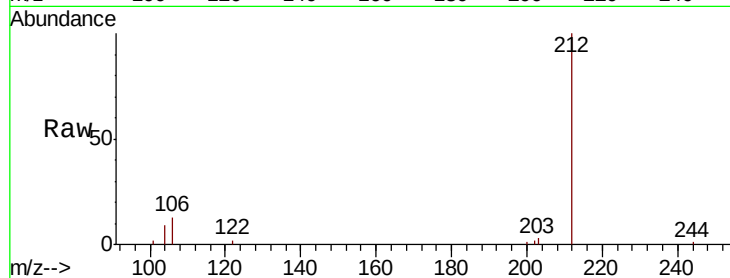
Tot Ion:212 Resp: 6188

Ion Ratio Lower Upper

212 100

106 13.6 10.6 15.8

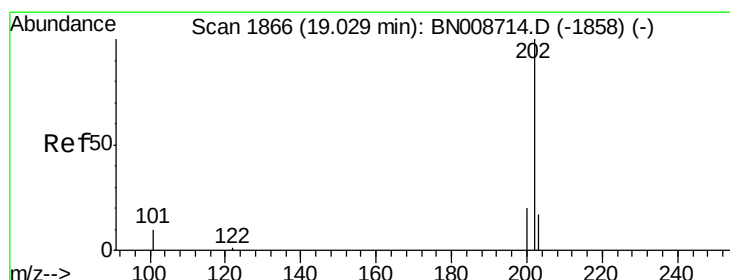
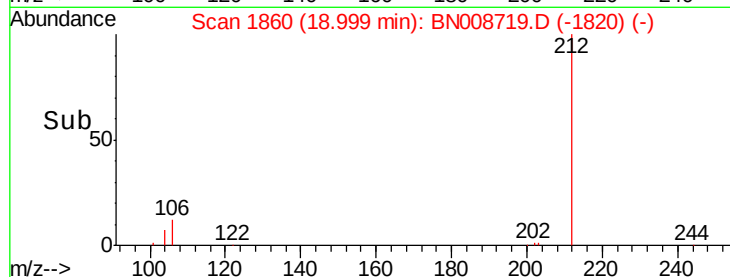
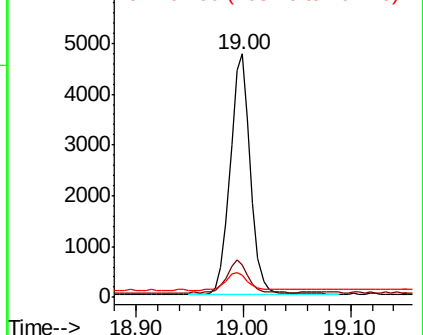
104 7.7 6.0 9.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.098 ng

RT: 19.03 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

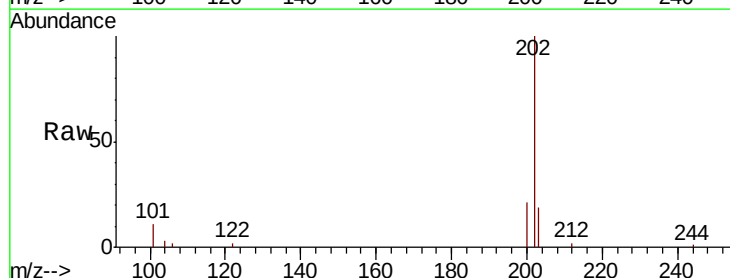
Tgt Ion:202 Resp: 7748

Ion Ratio Lower Upper

202 100

101 11.2 9.0 13.4

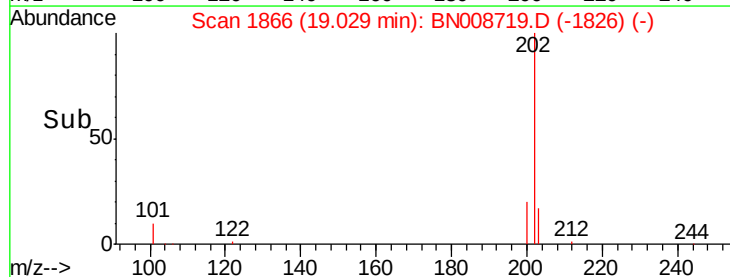
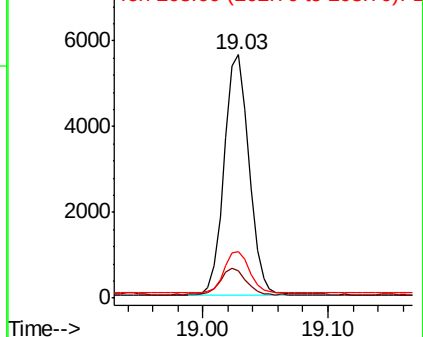
203 17.5 13.8 20.6

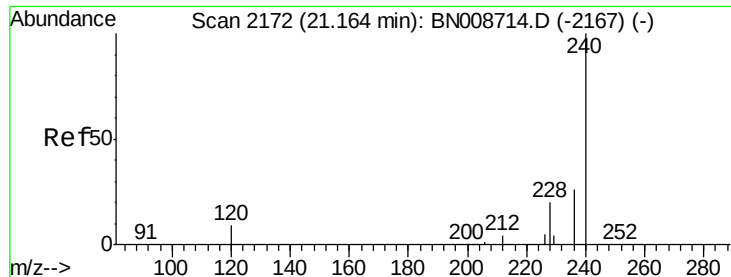


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN008719.D

Acq: 22 Nov 2019 23:23

Instrument :

BNA_N

ClientSampleId :

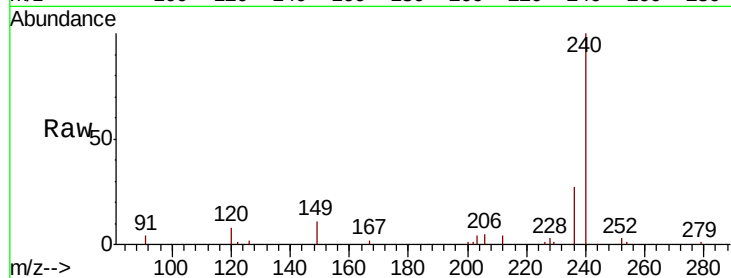
Tot Ion:240 Resp: 21297

Ion Ratio Lower Upper

240 100

120 8.2 9.0 13.4#

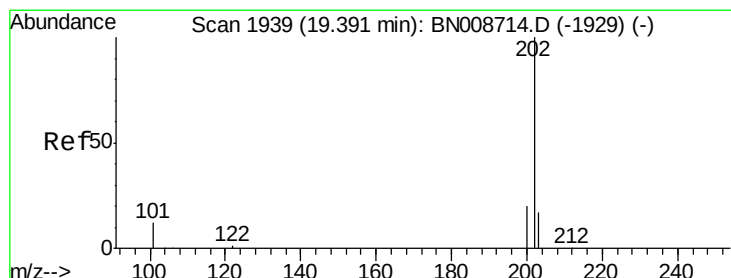
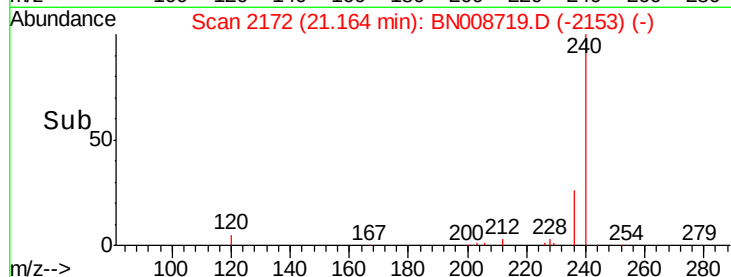
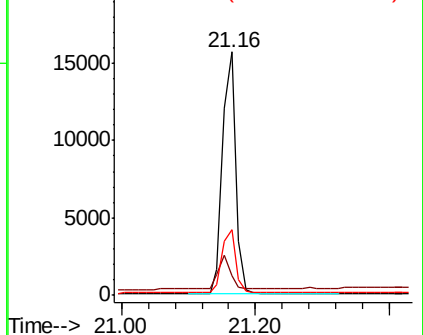
236 27.1 21.8 32.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.103 ng

RT: 19.39 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

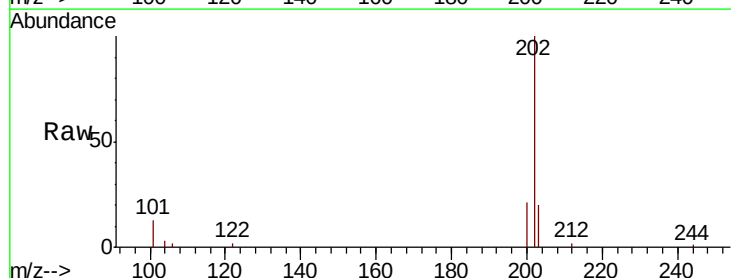
Tgt Ion:202 Resp: 8076

Ion Ratio Lower Upper

202 100

200 19.8 16.2 24.4

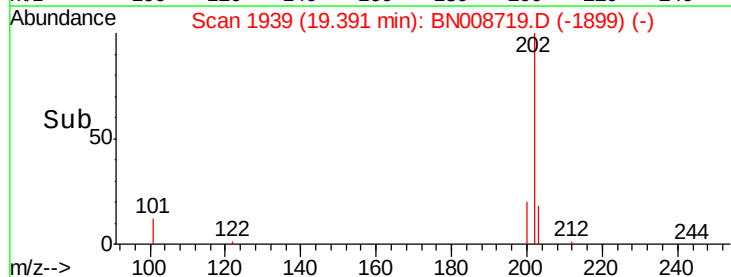
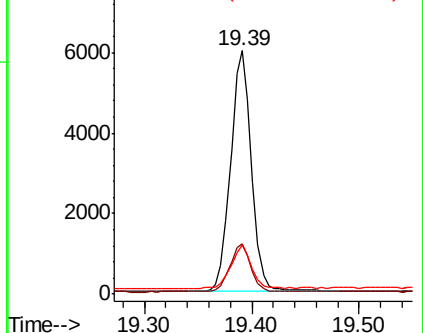
203 17.6 14.0 21.0

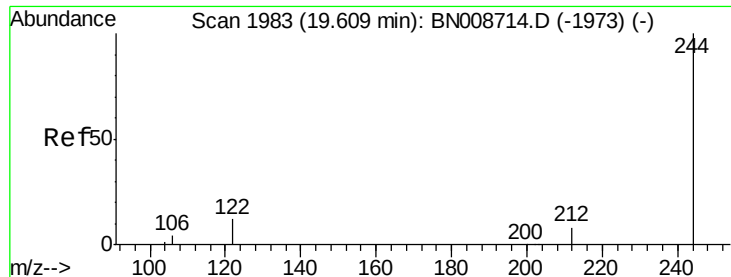


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.100 ng

RT: 19.61 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

Instrument :

BNA_N

ClientSampleId :

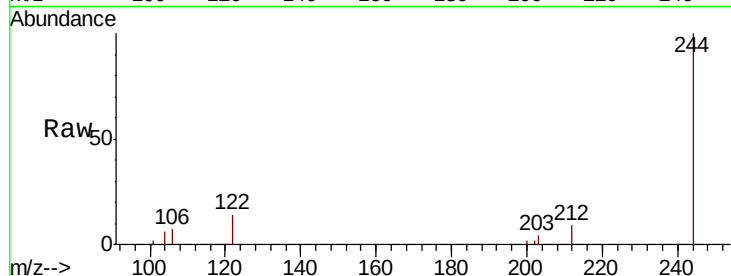
Tot Ion:244 Resp: 5132

Ion Ratio Lower Upper

244 100

212 9.5 6.6 9.8

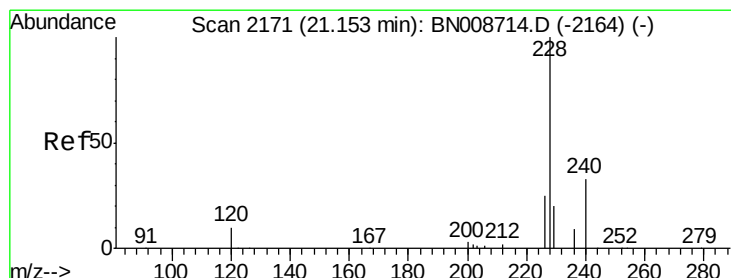
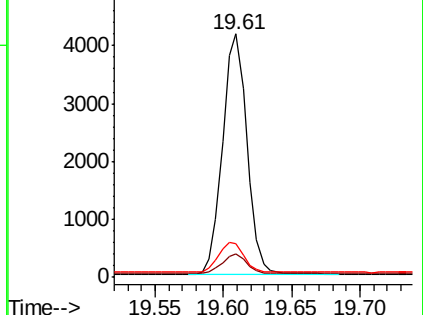
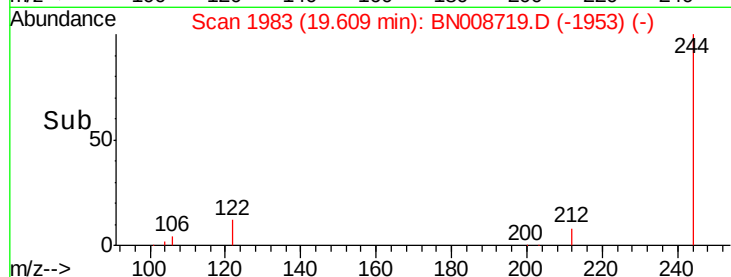
122 13.8 10.1 15.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.102 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

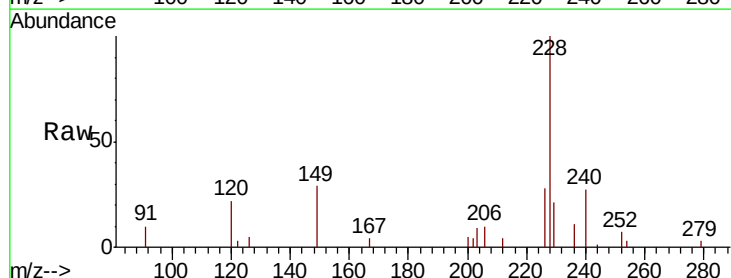
Tgt Ion:228 Resp: 7970

Ion Ratio Lower Upper

228 100

226 28.2 20.3 30.5

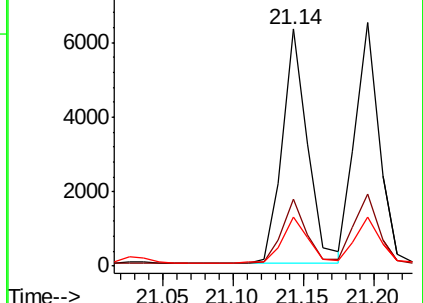
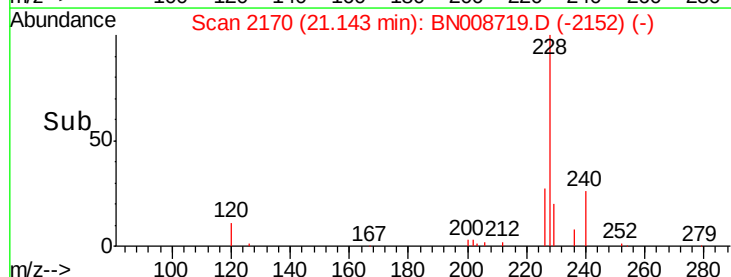
229 21.0 16.2 24.4

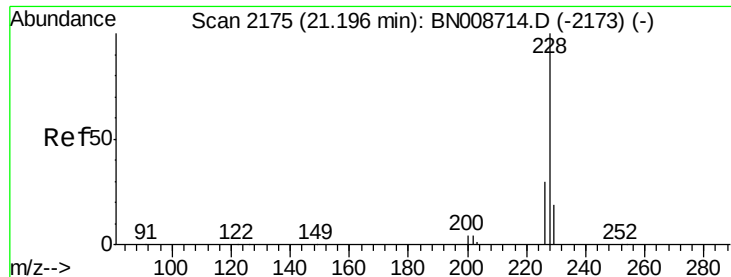


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.101 ng

RT: 21.20 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

Instrument :

BNA_N

ClientSampled :

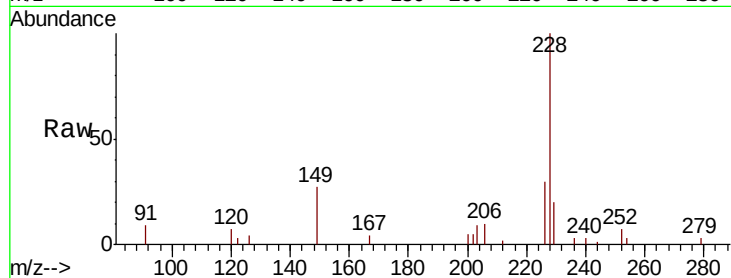
Tot Ion:228 Resp: 7650

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

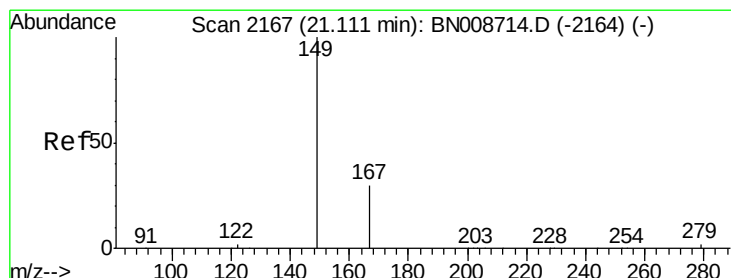
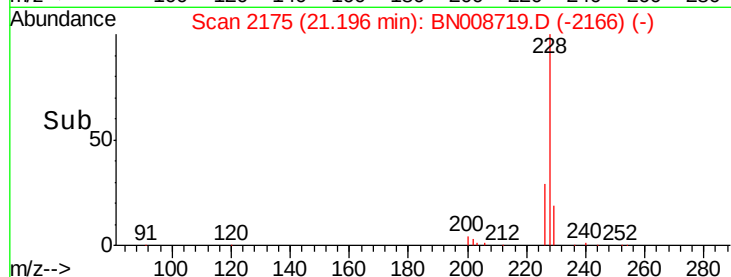
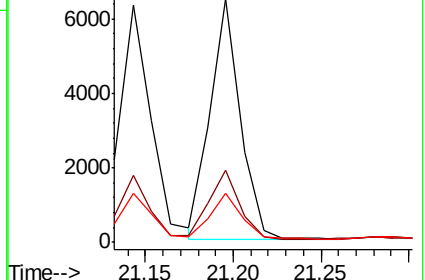
229 20.1 15.4 23.0



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: 0.140 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

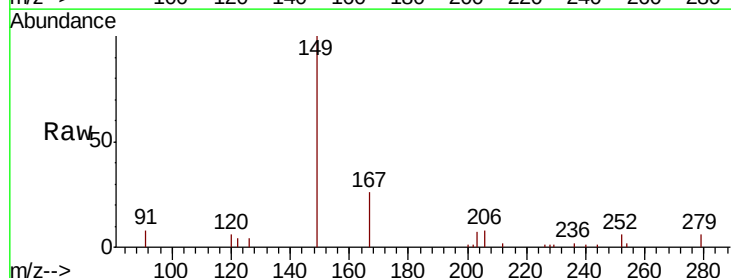
Tgt Ion:149 Resp: 7069

Ion Ratio Lower Upper

149 100

167 28.6 23.5 35.3

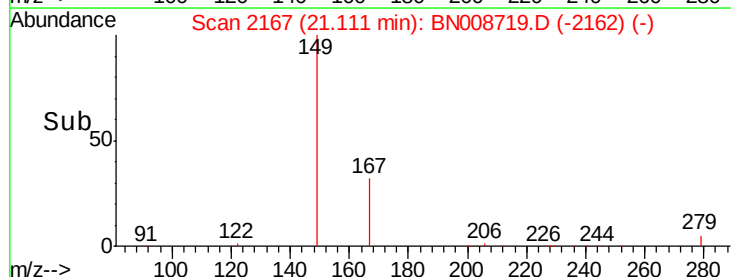
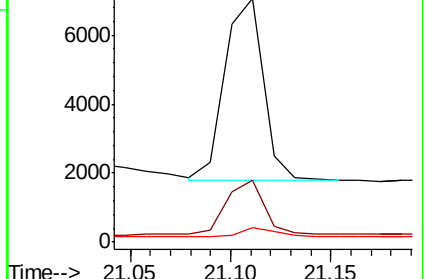
279 4.2 3.4 5.0

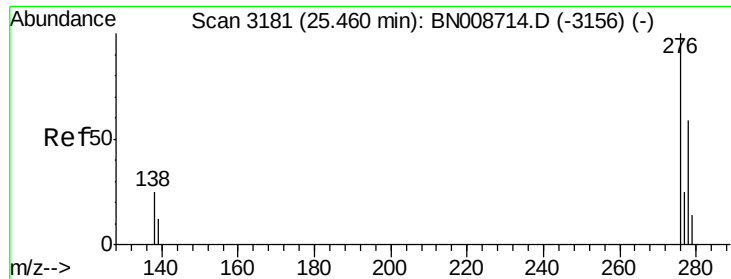


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

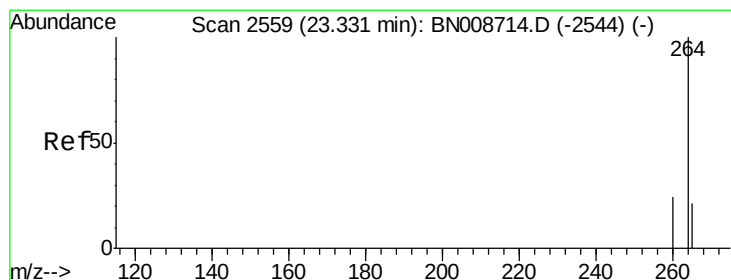
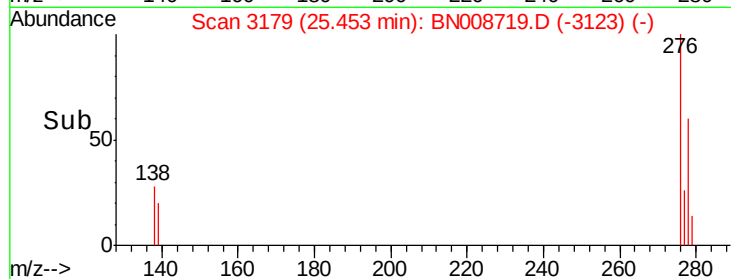
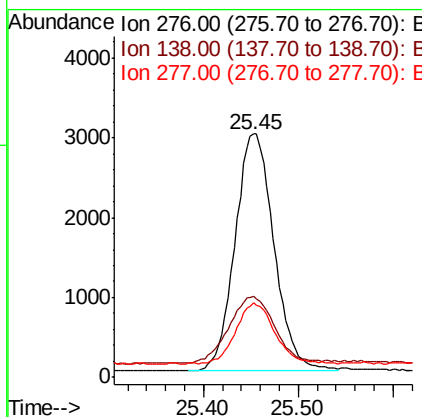
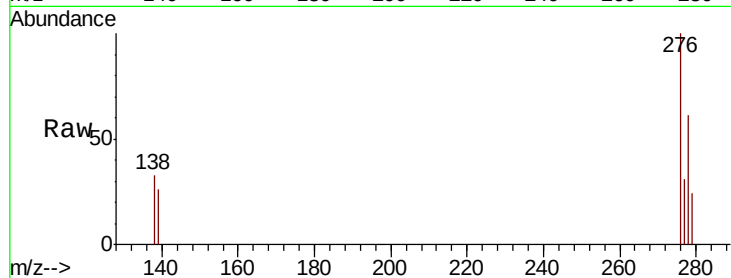




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.101 ng
 RT: 25.45 min Scan# 3179
 Delta R.T. -0.01 min
 Lab File: BN008719.D
 Acq: 22 Nov 2019 23:23

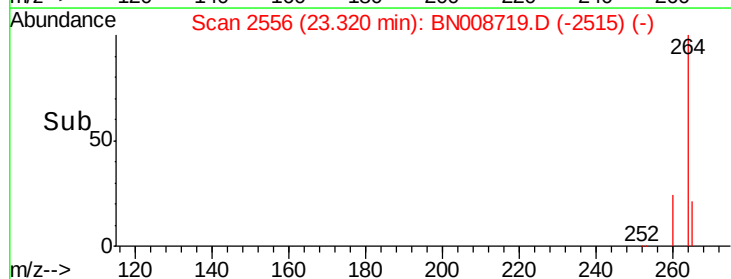
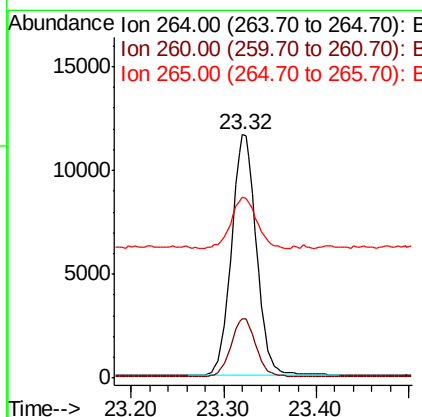
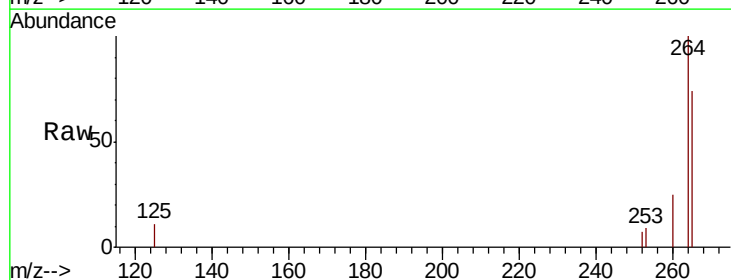
Instrument :
 BNA_N
 ClientSampleId :

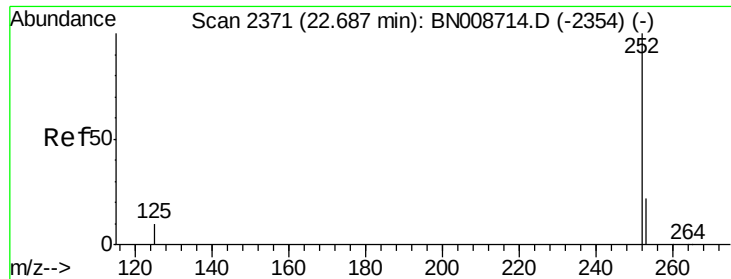
Tot Ion:276 Resp: 8504
 Ion Ratio Lower Upper
 276 100
 138 32.7 21.0 31.6#
 277 25.4 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.32 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BN008719.D
 Acq: 22 Nov 2019 23:23

Tgt Ion:264 Resp: 21614
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 74.4 61.8 92.6





#35

Benzo(b)fluoranthene

Concen: 0.102 ng

RT: 22.68 min Scan# 2369

Delta R.T. -0.01 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

Instrument :

BNA_N

ClientSampleId :

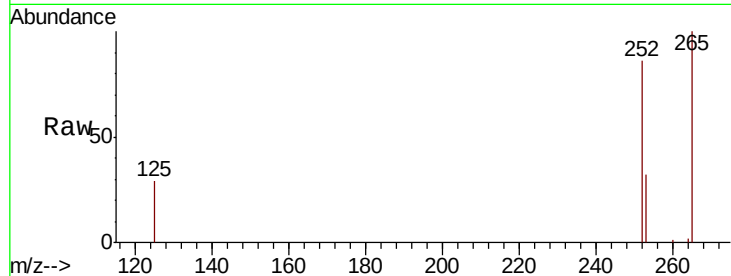
Tot Ion:252 Resp: 7599

Ion Ratio Lower Upper

252 100

253 36.7 20.8 31.2#

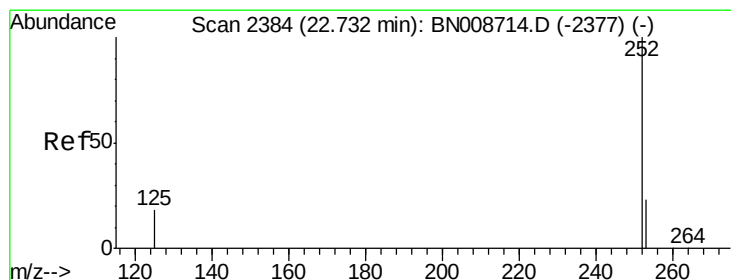
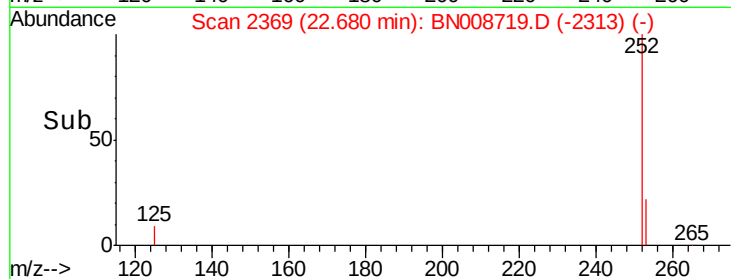
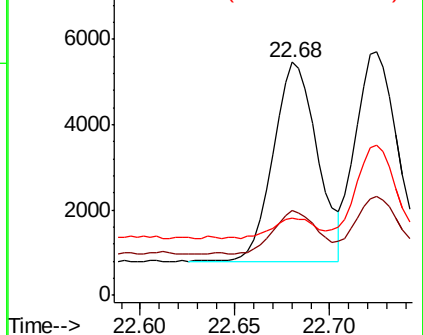
125 33.2 13.5 20.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.101 ng

RT: 22.72 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

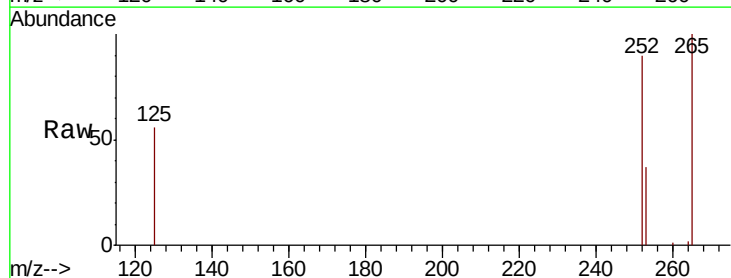
Tgt Ion:252 Resp: 7644

Ion Ratio Lower Upper

252 100

253 40.4 21.8 32.6#

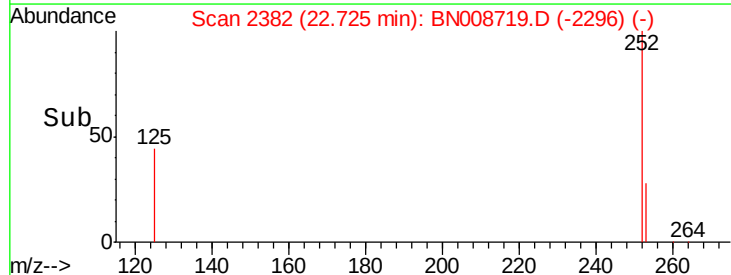
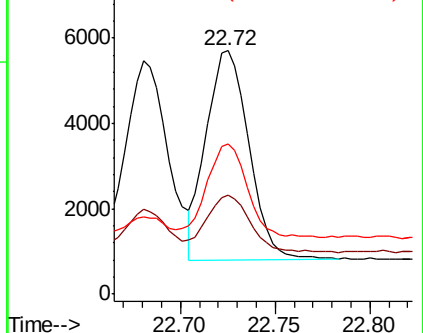
125 61.5 18.2 27.4#

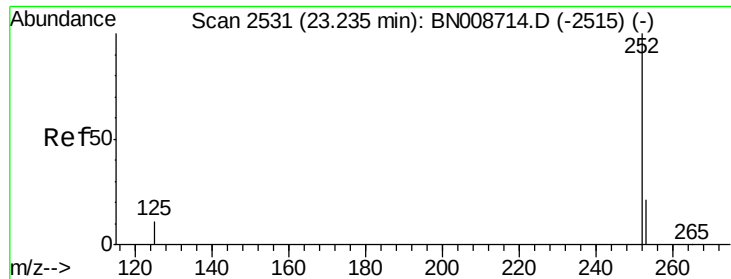


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.102 ng

RT: 23.23 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

Instrument :

BNA_N

ClientSampleId :

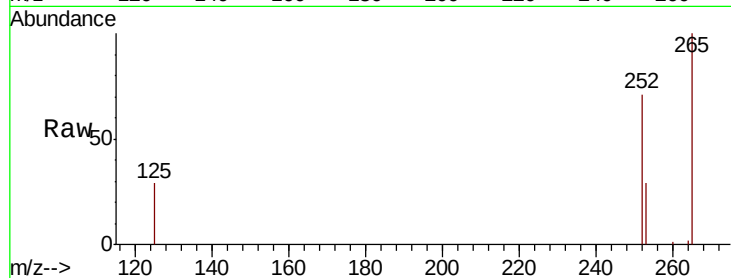
Tot Ion:252 Resp: 7052

Ion Ratio Lower Upper

252 100

253 40.4 21.9 32.9#

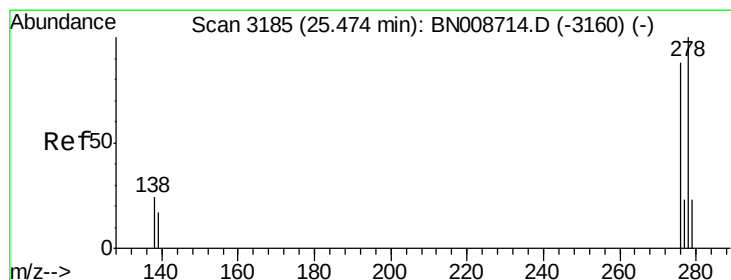
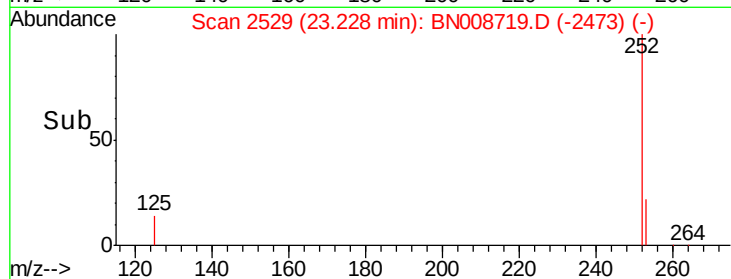
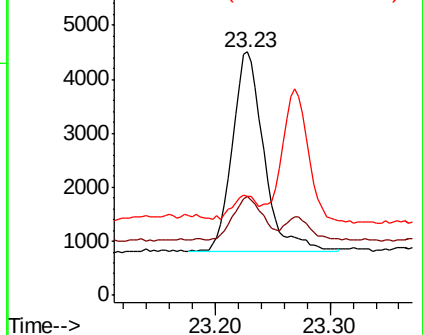
125 40.7 16.3 24.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.101 ng

RT: 25.47 min Scan# 3183

Delta R.T. -0.01 min

Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

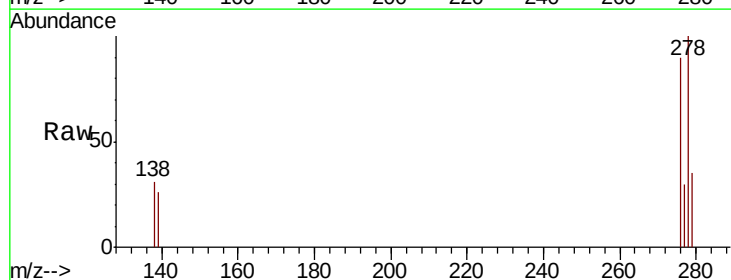
Tgt Ion:278 Resp: 6871

Ion Ratio Lower Upper

278 100

139 25.8 15.4 23.2#

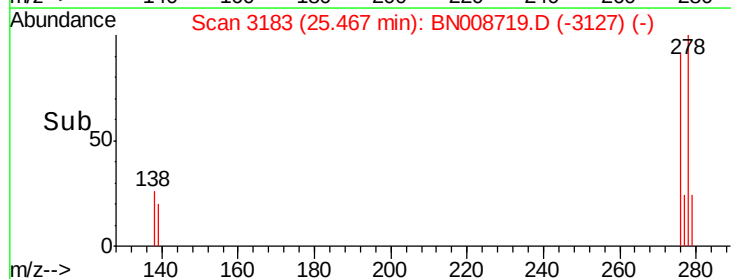
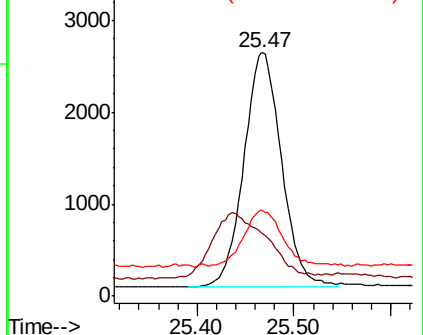
279 35.4 21.3 31.9#

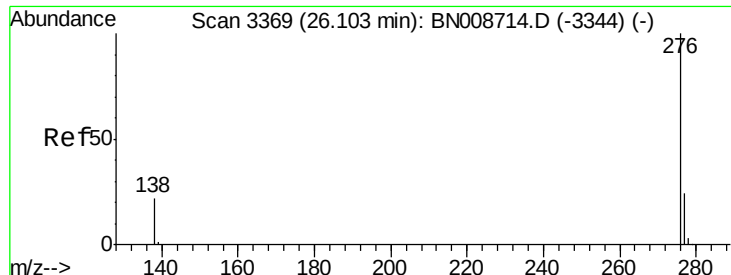


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.099 ng

RT: 26.10 min Scan# 3367

Delta R.T. -0.01 min

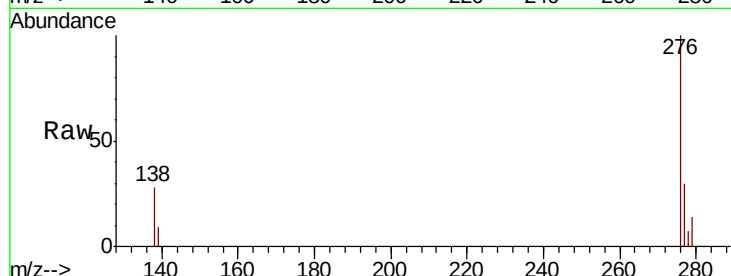
Lab File: BN008719.D

Acq: 22 Nov 2019 23:23

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 6755

Ion Ratio Lower Upper

276 100

277 30.0 20.4 30.6

138 28.1 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

