

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112319\
 Data File : BN008727.D
 Acq On : 23 Nov 2019 14:02
 Operator : JU
 Sample : PB125047BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 25 11:46:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 25 10:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	5266	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	18563	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	10613	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	24438	0.40	ng	-0.01
27) Chrysene-d12	21.16	240	22898	0.40	ng	0.00
34) Perylene-d12	23.32	264	22762	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.23	112	3816	0.28	ng	0.00
5) Phenol-d6	6.78	99	3700	0.21	ng	0.00
8) Nitrobenzene-d5	8.72	82	6610	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.94	152	13408	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1991	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	18220	0.44	ng	-0.01
25) Fluoranthene-d10	19.00	212	28817	0.40	ng	0.00
29) Terphenyl-d14	19.61	244	26383	0.48	ng	0.00

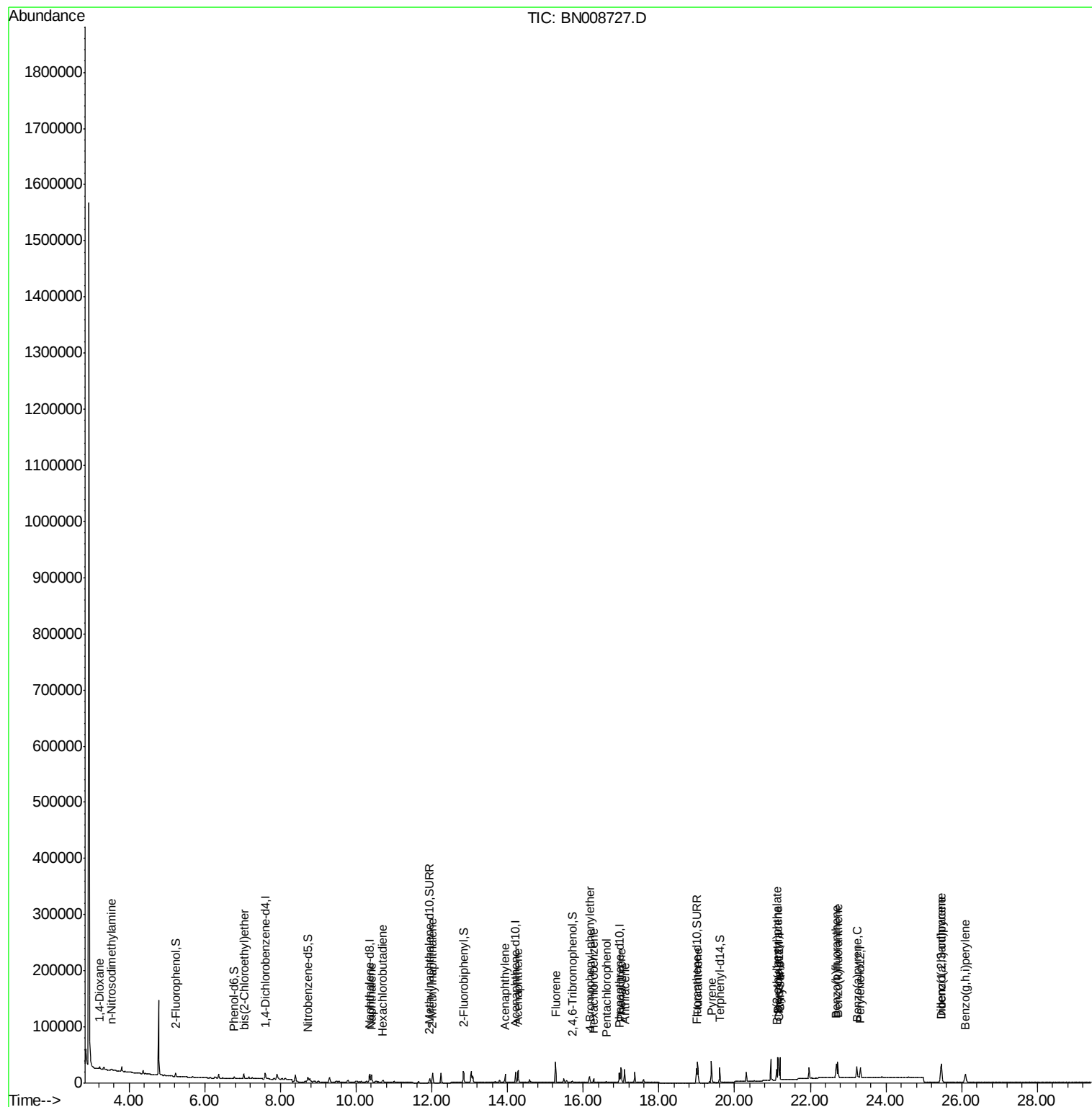
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	2055	0.369	ng	# 86
3) n-Nitrosodimethylamine	3.53	42	1827	0.265	ng	# 97
6) bis(2-Chloroethyl)ether	7.03	93	6121	0.375	ng	98
9) Naphthalene	10.41	128	18280	0.369	ng	99
10) Hexachlorobutadiene	10.70	225	2744	0.267	ng	# 100
12) 2-Methylnaphthalene	12.02	142	12422	0.360	ng	100
16) Acenaphthylene	13.93	152	17976	0.368	ng	100
17) Acenaphthene	14.28	154	11490	0.357	ng	100
18) Fluorene	15.27	166	15778	0.383	ng	100
20) 4-Bromophenyl-phenylether	16.17	248	6229	0.408	ng	94
21) Hexachlorobenzene	16.27	284	5575	0.332	ng	98
22) Pentachlorophenol	16.62	266	1423	0.236	ng	99
23) Phenanthrene	17.00	178	28722	0.381	ng	100
24) Anthracene	17.09	178	24518	0.364	ng	100
26) Fluoranthene	19.02	202	33414	0.378	ng	100
28) Pyrene	19.39	202	34529	0.408	ng	99
30) Benzo(a)anthracene	21.14	228	30934	0.369	ng	98
31) Chrysene	21.20	228	30947	0.381	ng	99
32) Bis(2-ethylhexyl)phthalate	21.11	149	18522	0.340	ng	99
33) Indeno(1,2,3-cd)pyrene	25.45	276	36306	0.402	ng	100
35) Benzo(b)fluoranthene	22.68	252	30971	0.393	ng	97
36) Benzo(k)fluoranthene	22.72	252	30824	0.386	ng	96
37) Benzo(a)pyrene	23.23	252	27277	0.374	ng	98
38) Dibenzo(a,h)anthracene	25.47	278	29769	0.414	ng	98
39) Benzo(g,h,i)perylene	26.09	276	30522	0.426	ng	99

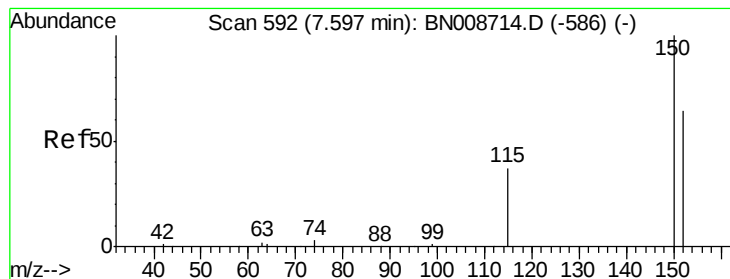
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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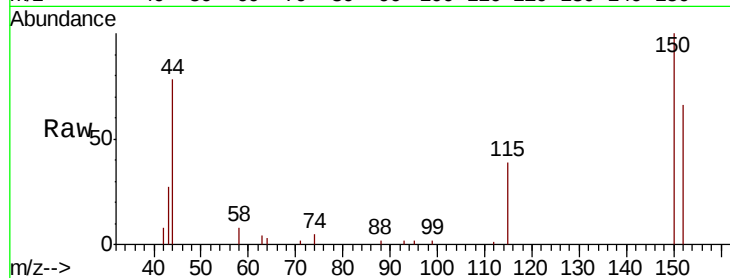


#1

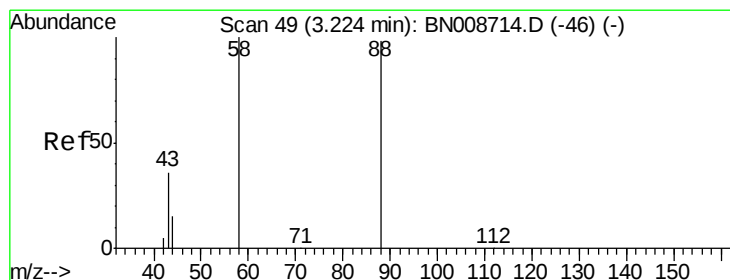
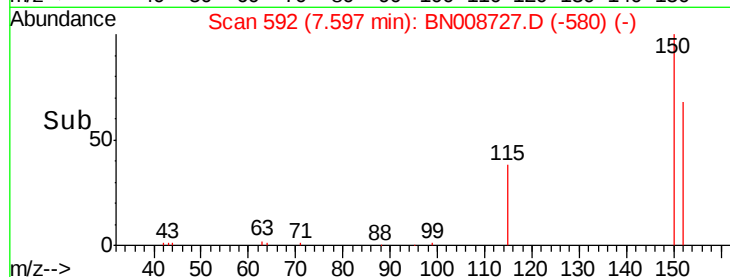
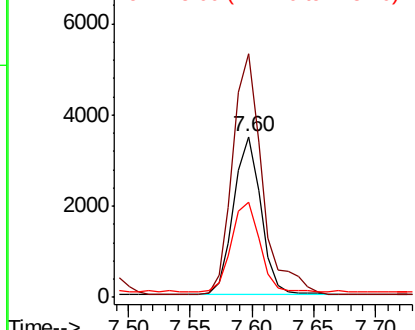
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN008727.D
Acq: 23 Nov 2019 14:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5266
Ion Ratio Lower Upper
152 100
150 151.4 124.0 186.0
115 58.8 49.8 74.8



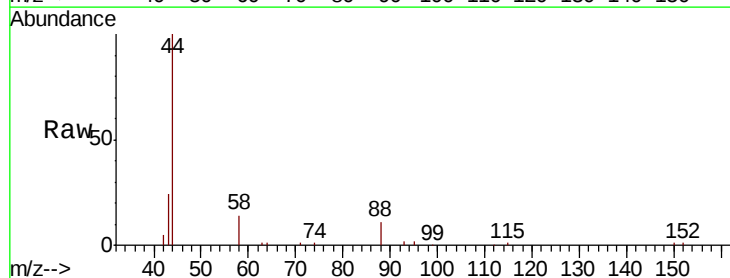
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



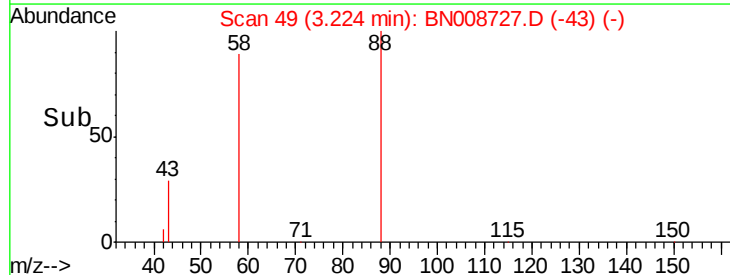
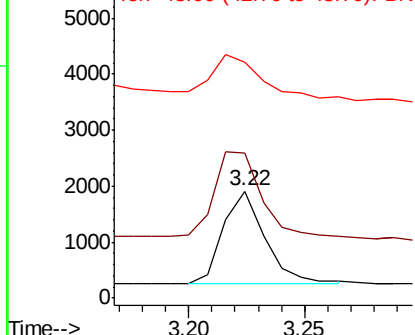
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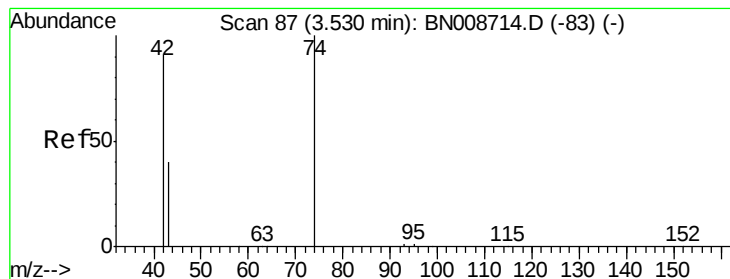
1,4-Dioxane
Concen: 0.369 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN008727.D
Acq: 23 Nov 2019 14:02

Tgt Ion: 88 Resp: 2055
Ion Ratio Lower Upper
88 100
58 100.0 85.7 128.5
43 57.1 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: 0.265 ng

RT: 3.53 min Scan# 87

Delta R.T. 0.00 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

Instrument :

BNA_N

ClientSampleId :

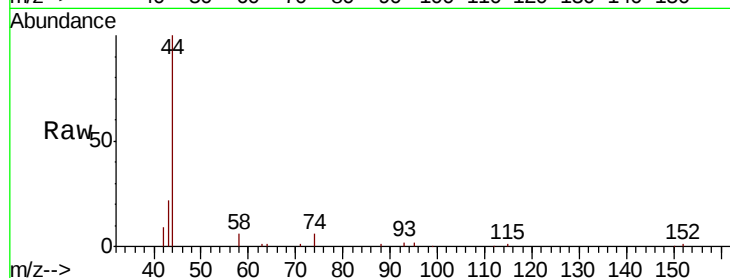
Tot Ion: 42 Resp: 1827

Ion Ratio Lower Upper

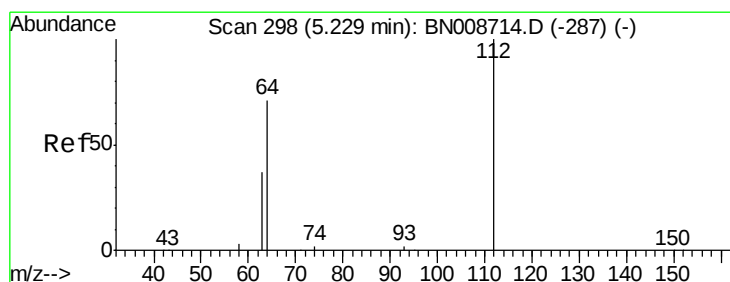
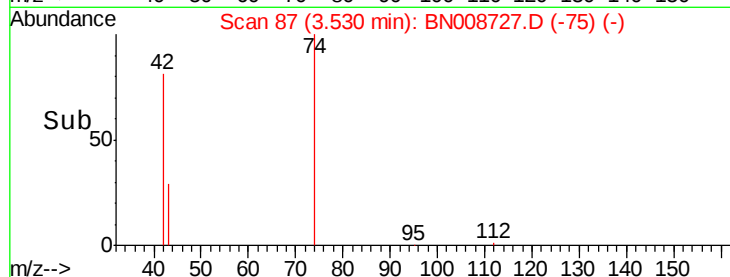
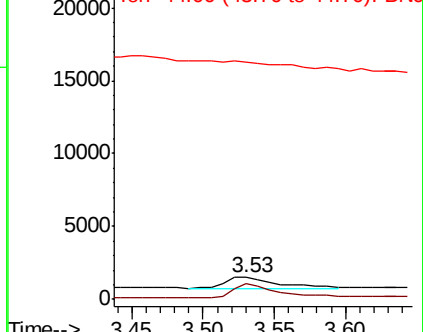
42 100

74 106.5 88.0 132.0

44 0.0 0.0 0.0



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



#4

2-Fluorophenol

Concen: 0.277 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

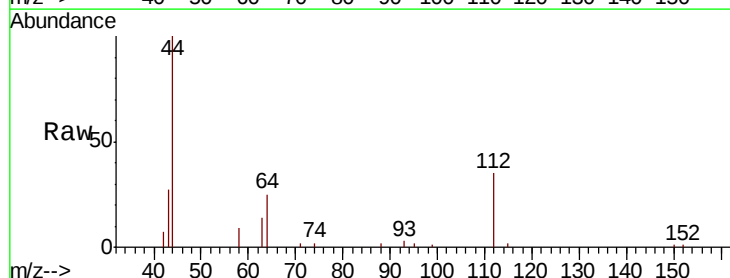
Tgt Ion: 112 Resp: 3816

Ion Ratio Lower Upper

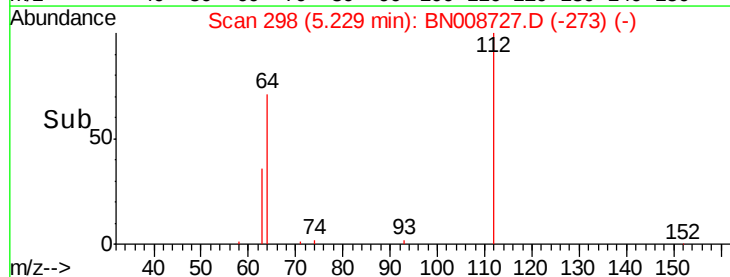
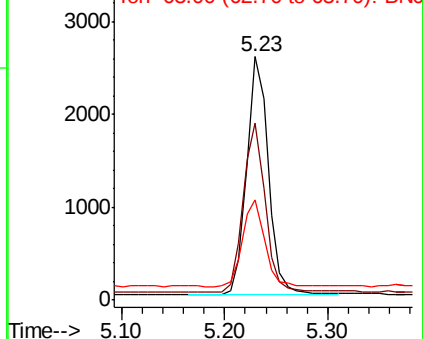
112 100

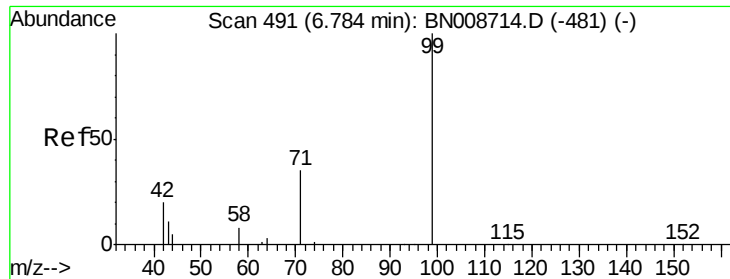
64 72.0 57.1 85.7

63 37.8 29.7 44.5



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





#5

Phenol-d6

Concen: 0.212 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.00 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

Instrument :

BNA_N

ClientSampleId :

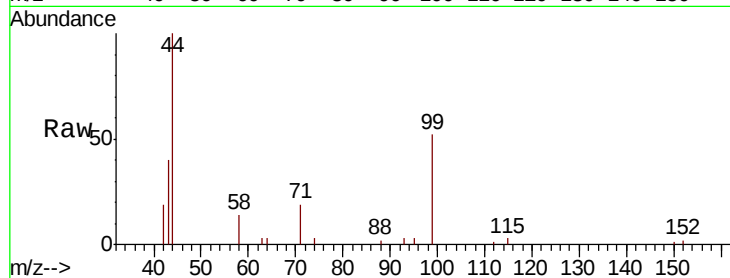
Tot Ion: 99 Resp: 3700

Ion Ratio Lower Upper

99 100

42 25.4 19.4 29.2

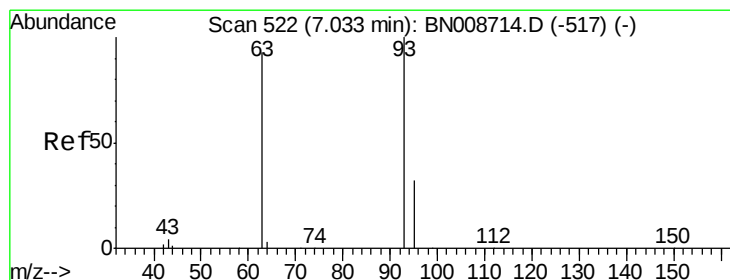
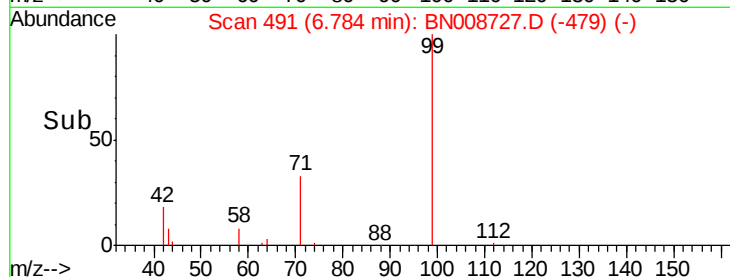
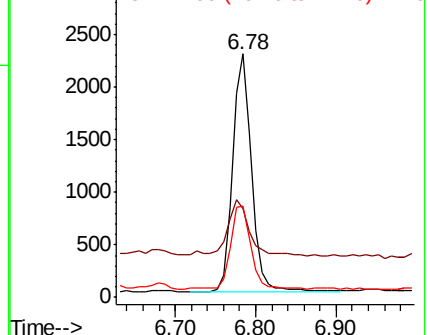
71 36.7 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BN008727.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN008727.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN008727.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.375 ng

RT: 7.03 min Scan# 522

Delta R.T. 0.00 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

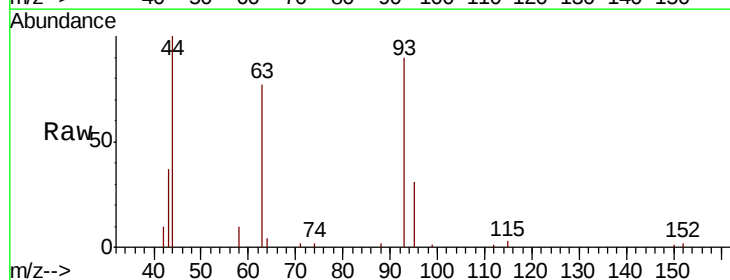
Tgt Ion: 93 Resp: 6121

Ion Ratio Lower Upper

93 100

63 94.9 74.2 111.4

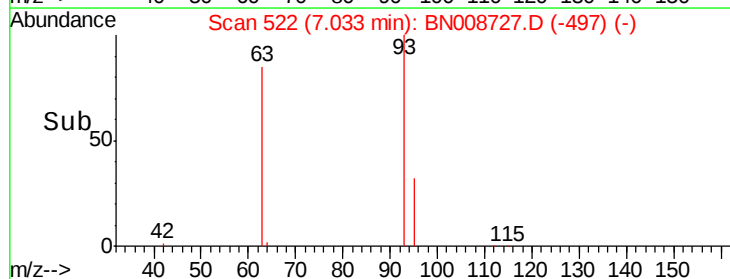
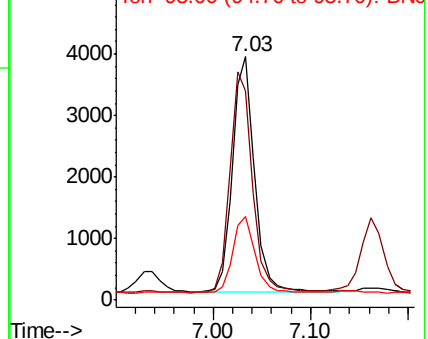
95 33.7 26.2 39.2

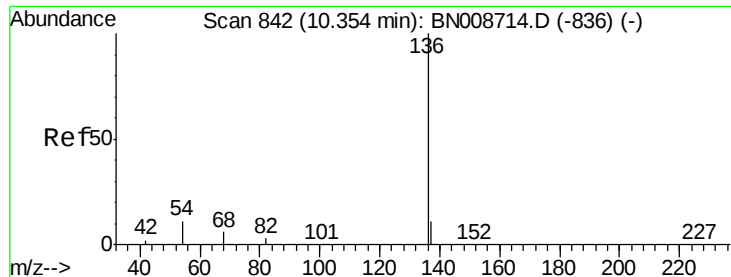


Abundance Ion 93.00 (92.70 to 93.70): BN008727.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN008727.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN008727.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 18563

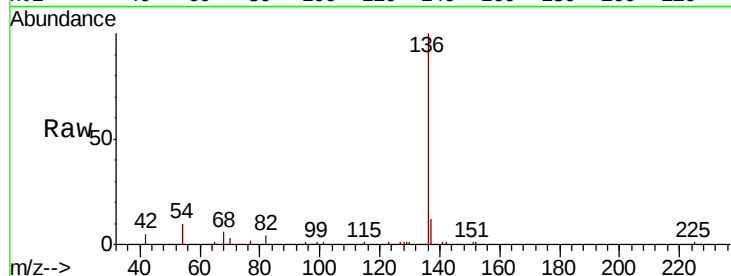
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 9.7 9.4 14.2

68 5.9 5.8 8.6

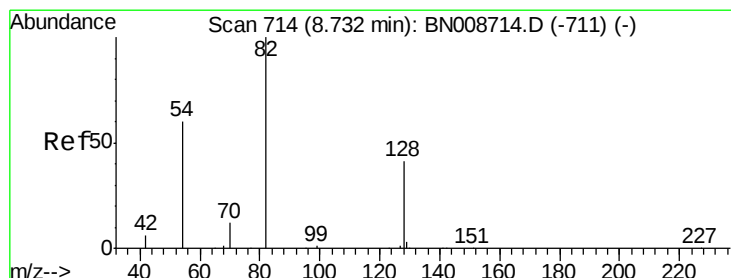
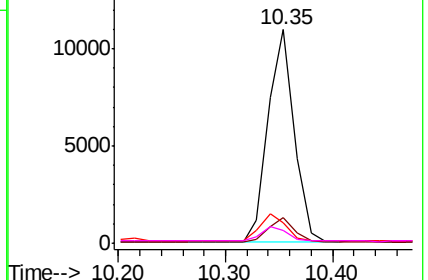
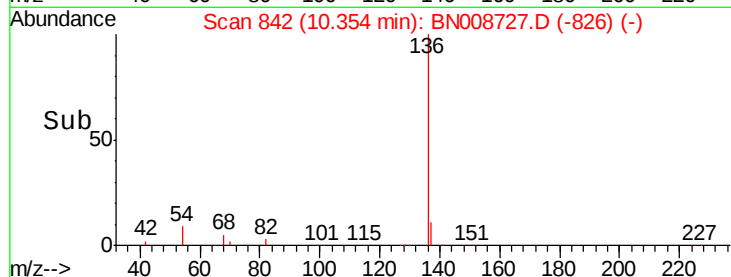


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.396 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

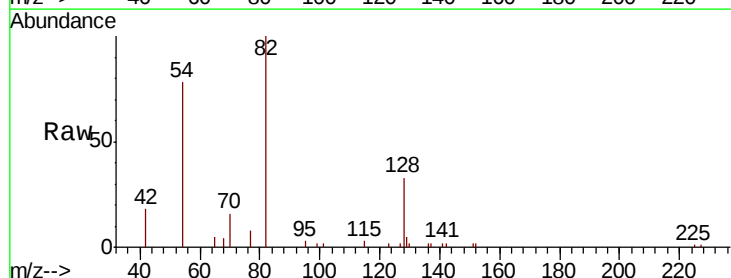
Tgt Ion: 82 Resp: 6610

Ion Ratio Lower Upper

82 100

128 33.1 34.6 52.0#

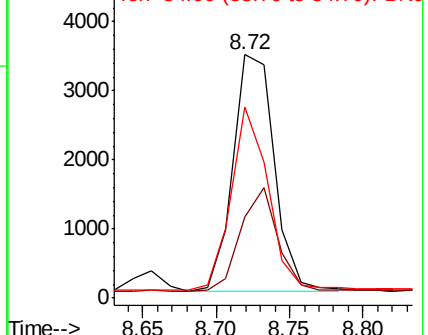
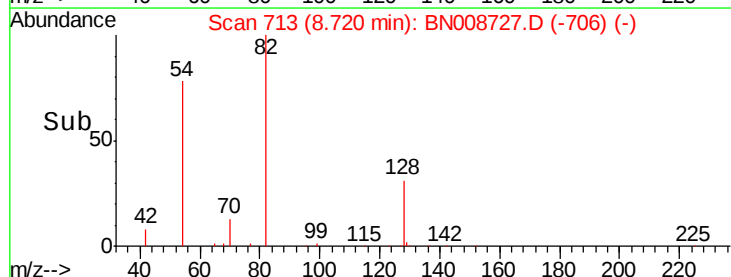
54 78.3 50.2 75.4#

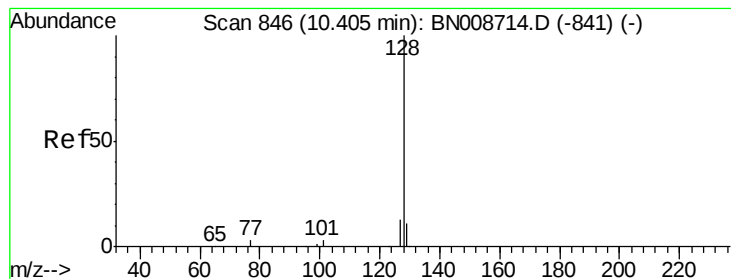


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.369 ng

RT: 10.41 min Scan# 846

Delta R.T. 0.00 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

Instrument :

BNA_N

ClientSampled :

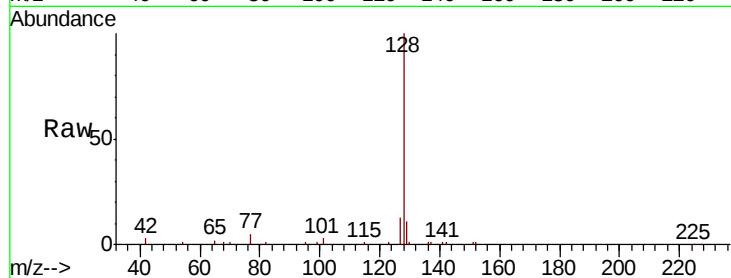
Tot Ion:128 Resp: 18280

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

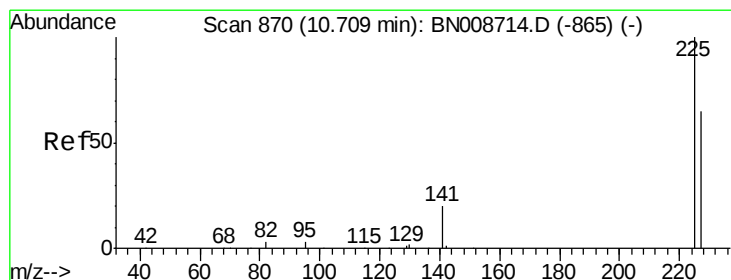
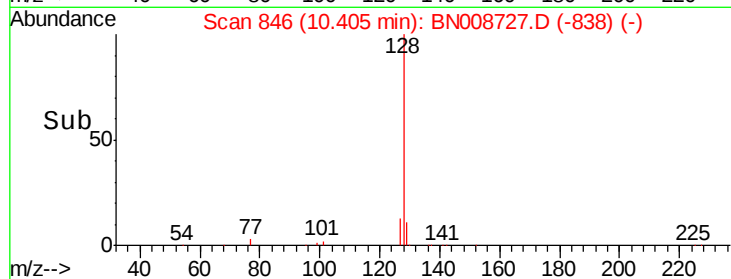
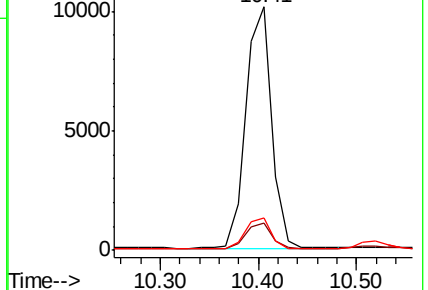
127 13.2 10.5 15.7



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: 0.267 ng

RT: 10.70 min Scan# 869

Delta R.T. -0.01 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

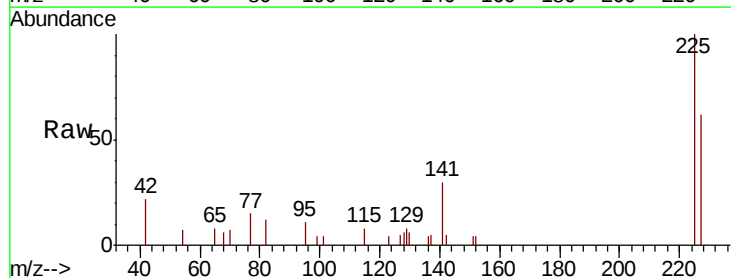
Tgt Ion:225 Resp: 2744

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

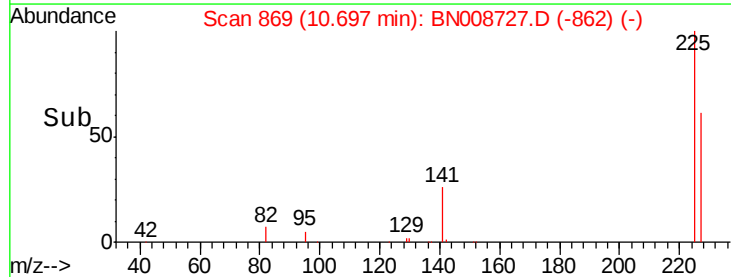
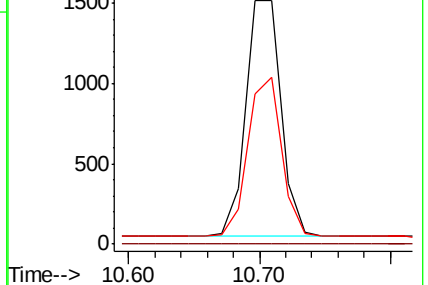
227 64.6 51.8 77.6

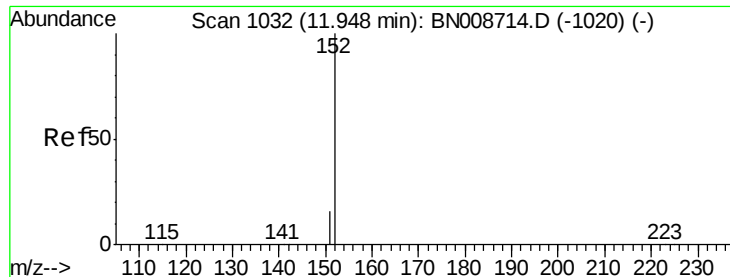


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

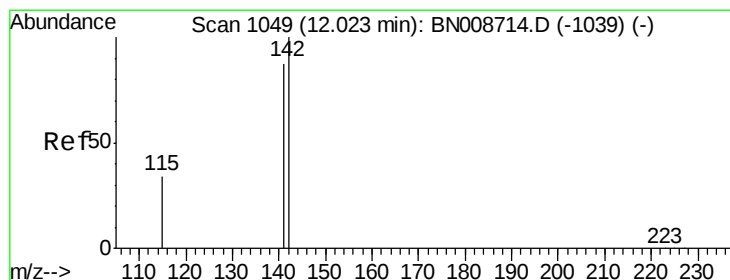
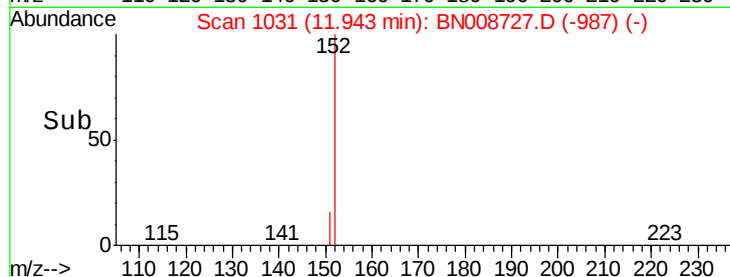
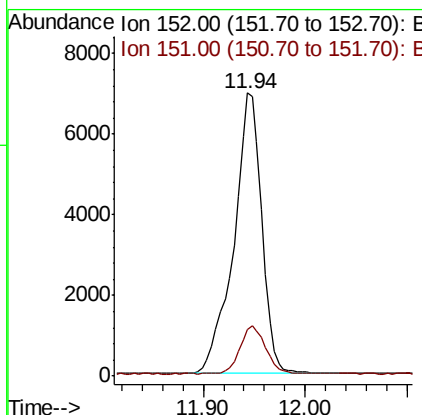
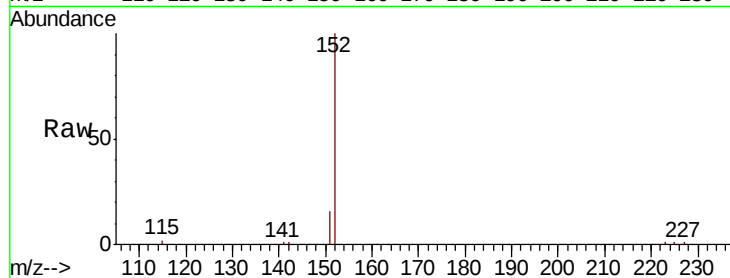




#11
 2-Methylnaphthalene-d10
 Concen: 0.458 ng
 RT: 11.94 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BN008727.D
 Acq: 23 Nov 2019 14:02

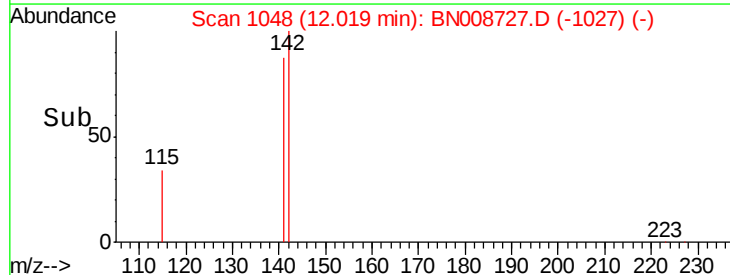
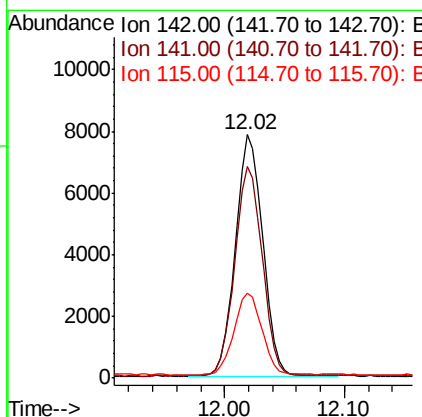
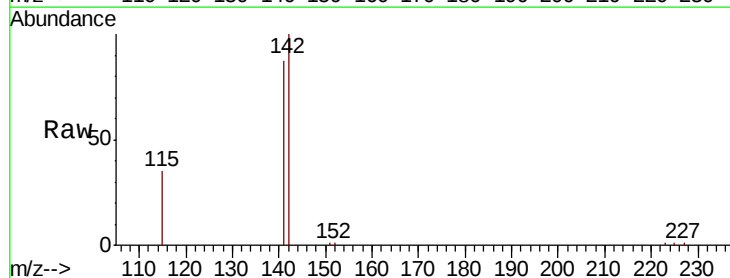
Instrument :
 BNA_N
 ClientSampleId :

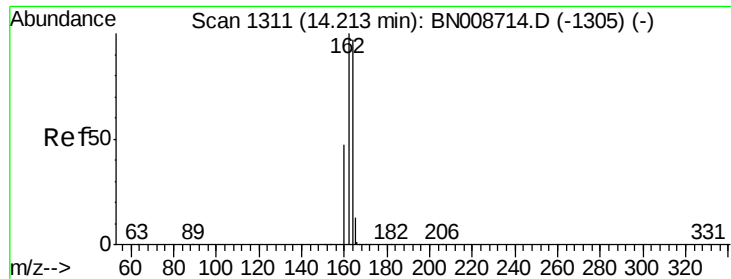
Tot Ion:152 Resp: 13408
 Ion Ratio Lower Upper
 152 100
 151 15.6 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.360 ng
 RT: 12.02 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BN008727.D
 Acq: 23 Nov 2019 14:02

Tgt Ion:142 Resp: 12422
 Ion Ratio Lower Upper
 142 100
 141 87.0 69.8 104.6
 115 35.1 28.4 42.6

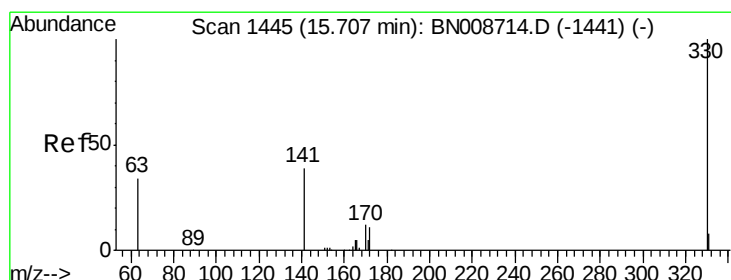
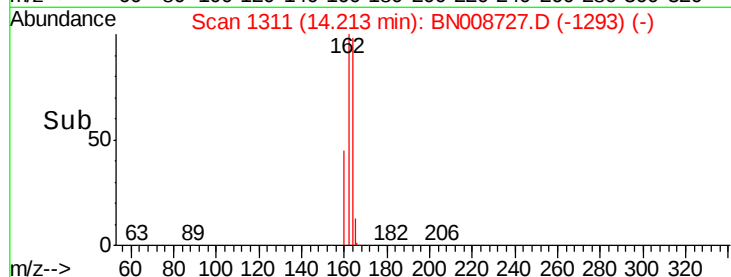
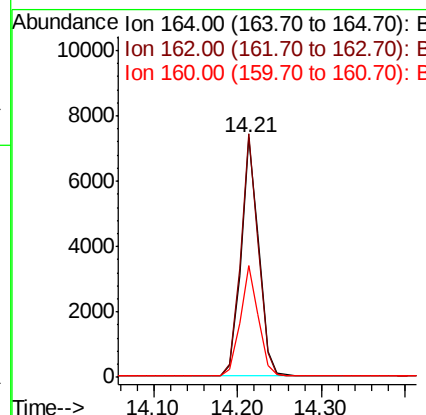
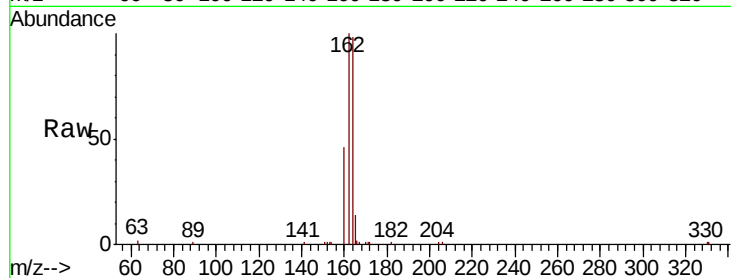




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN008727.D
Acq: 23 Nov 2019 14:02

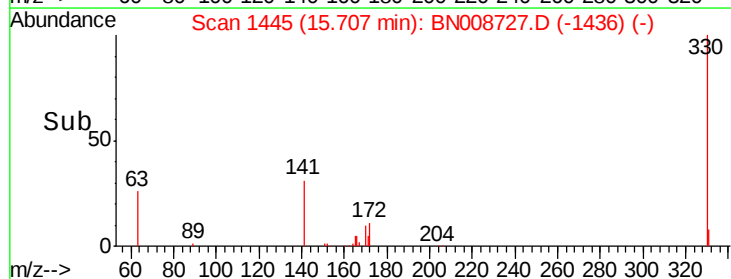
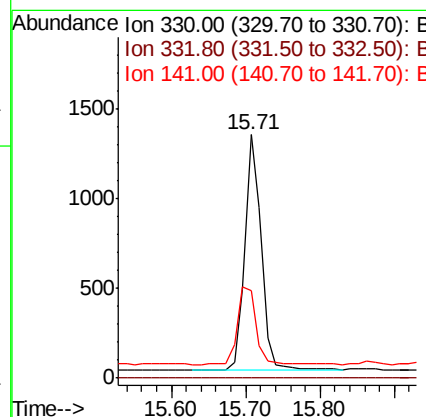
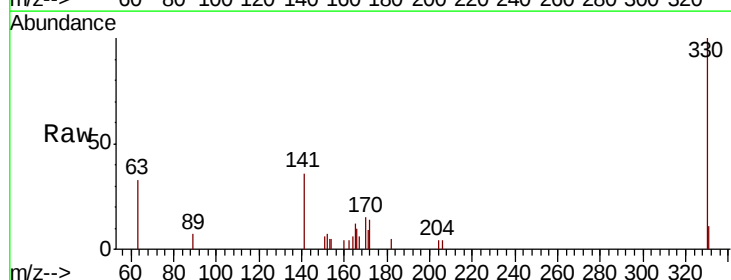
Instrument :
BNA_N
ClientSampleId :

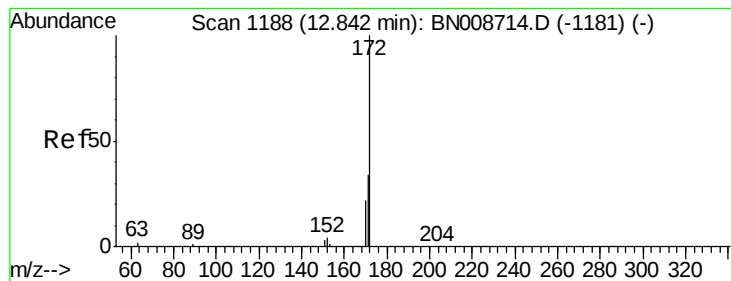
Tot Ion:164 Resp: 10613
Ion Ratio Lower Upper
164 100
162 101.8 82.2 123.4
160 46.6 38.7 58.1



#14
2,4,6-Tribromophenol
Concen: 0.403 ng
RT: 15.71 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BN008727.D
Acq: 23 Nov 2019 14:02

Tgt Ion:330 Resp: 1991
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.1 29.5 44.3





#15

2-Fluorobiphenyl

Concen: 0.439 ng

RT: 12.83 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

Instrument :

BNA_N

ClientSampleId :

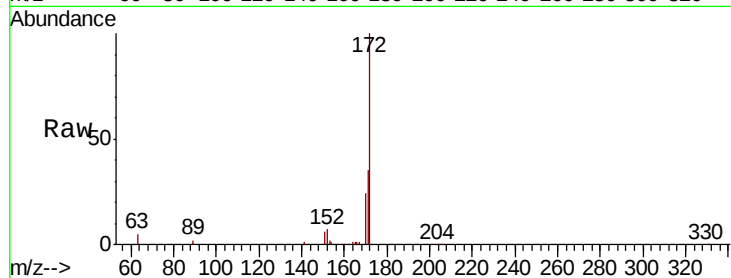
Tot Ion:172 Resp: 18220

Ion Ratio Lower Upper

172 100

171 35.2 27.3 40.9

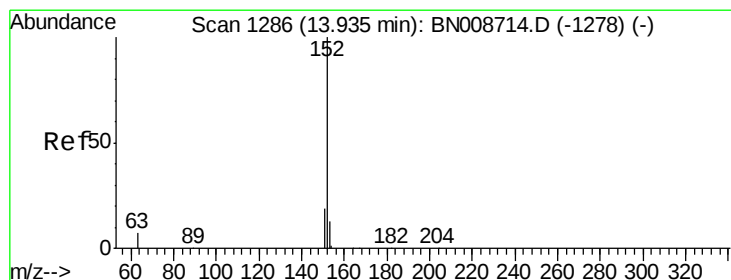
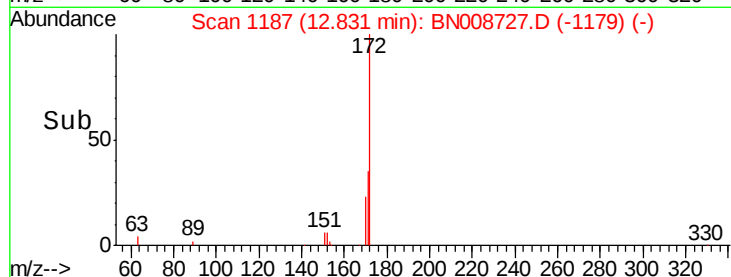
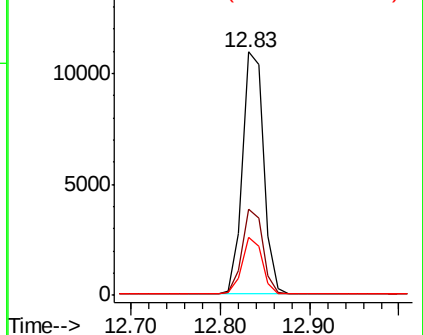
170 23.8 17.8 26.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.368 ng

RT: 13.93 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

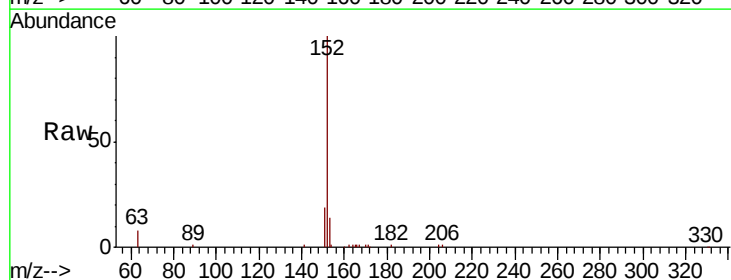
Tgt Ion:152 Resp: 17976

Ion Ratio Lower Upper

152 100

151 19.3 15.5 23.3

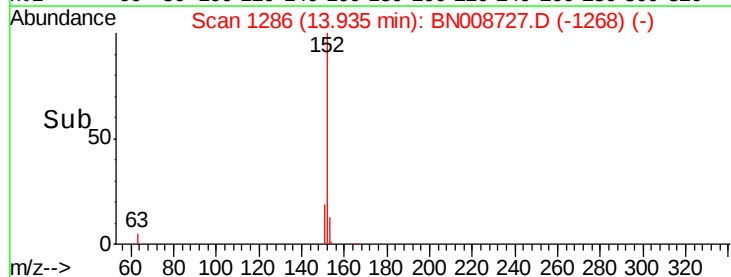
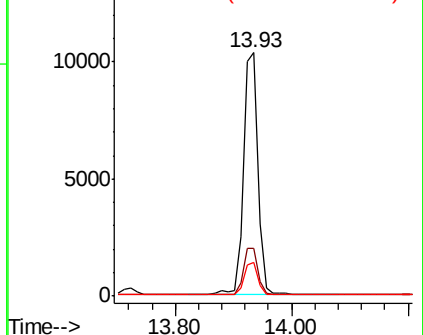
153 13.1 10.3 15.5

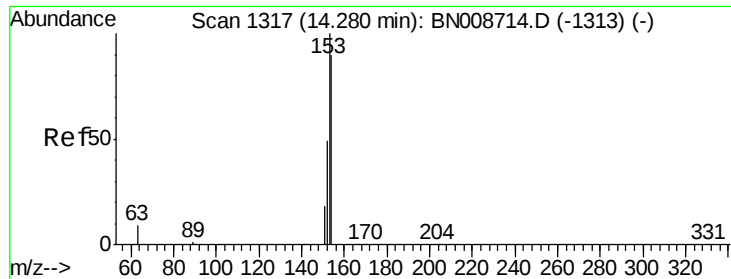


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

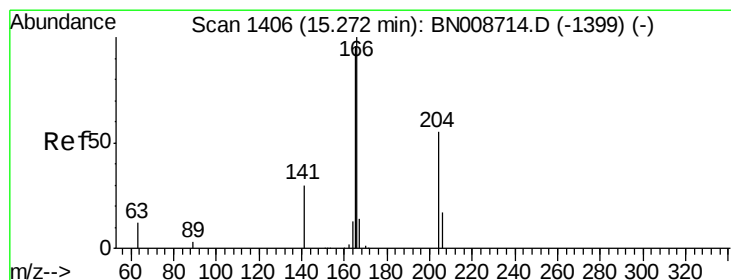
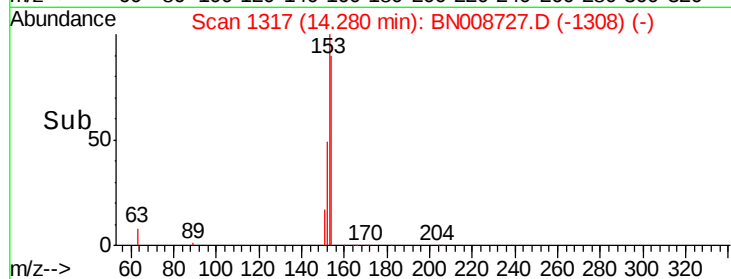
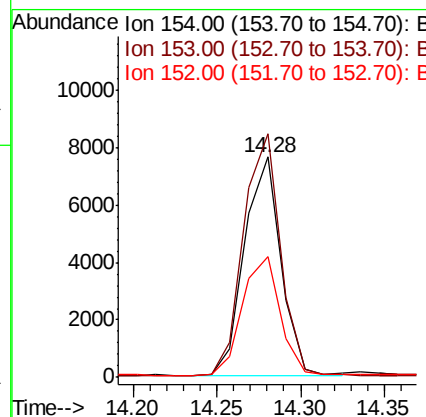
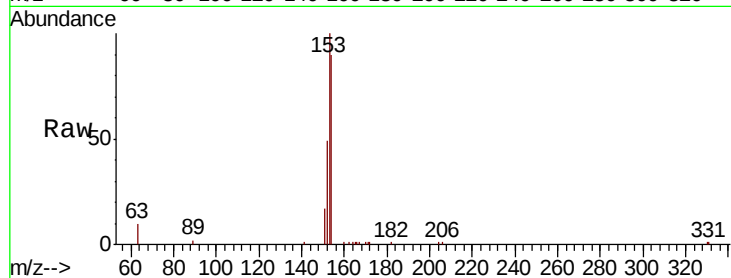




#17
Acenaphthene
Concen: 0.357 ng
RT: 14.28 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BN008727.D
Acq: 23 Nov 2019 14:02

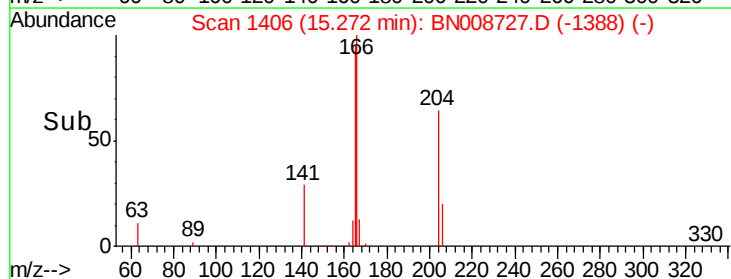
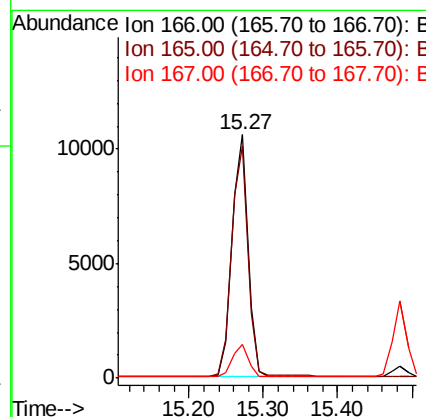
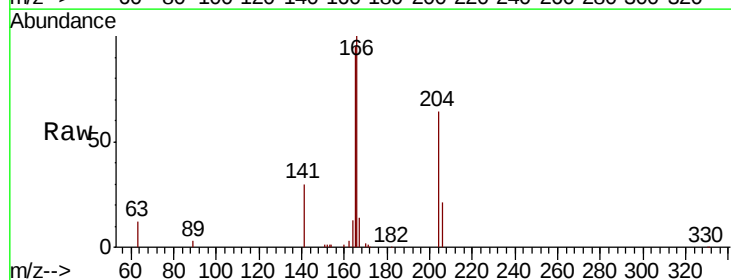
Instrument :
BNA_N
ClientSampled :

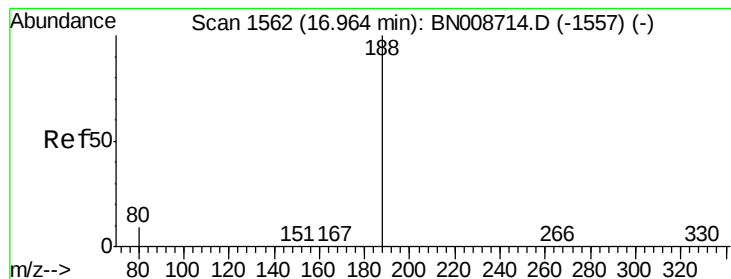
Tot Ion:154 Resp: 11490
Ion Ratio Lower Upper
154 100
153 112.1 89.6 134.4
152 56.3 44.7 67.1



#18
Fluorene
Concen: 0.383 ng
RT: 15.27 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BN008727.D
Acq: 23 Nov 2019 14:02

Tgt Ion:166 Resp: 15778
Ion Ratio Lower Upper
166 100
165 97.1 77.7 116.5
167 13.6 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

Instrument :

BNA_N

ClientSampleId :

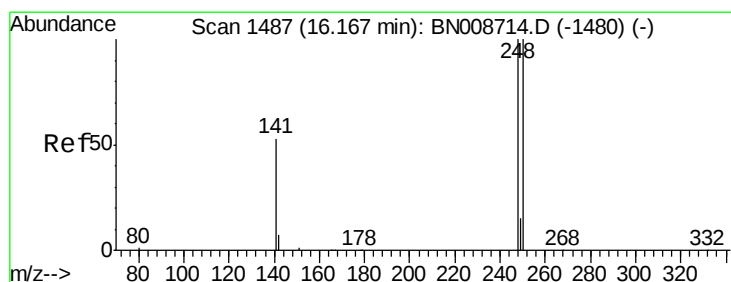
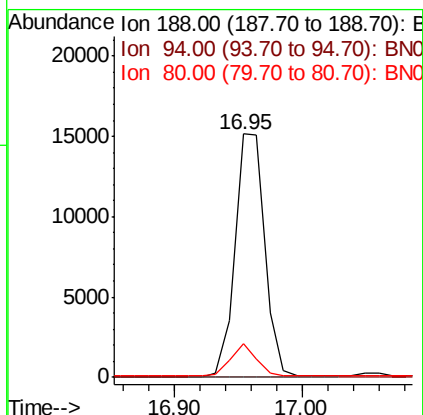
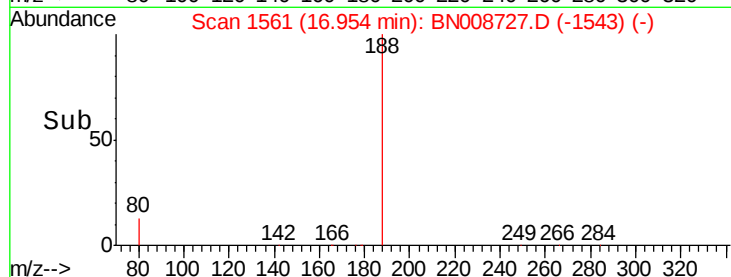
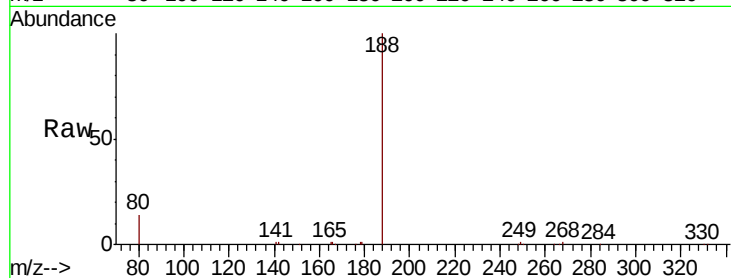
Tot Ion:188 Resp: 24438

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.8 7.4 11.0#



#20

4-Bromophenyl-phenylether

Concen: 0.408 ng

RT: 16.17 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

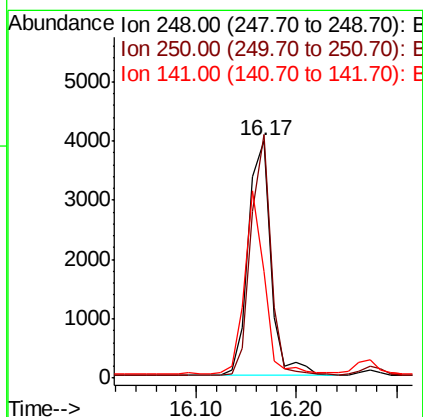
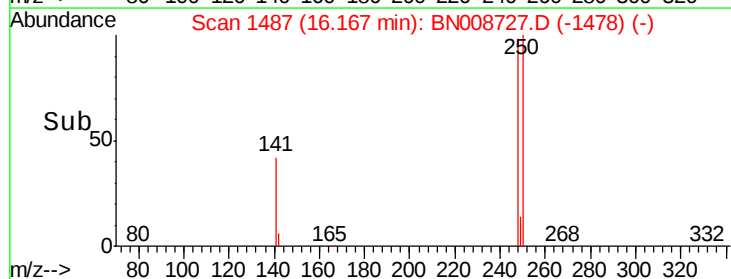
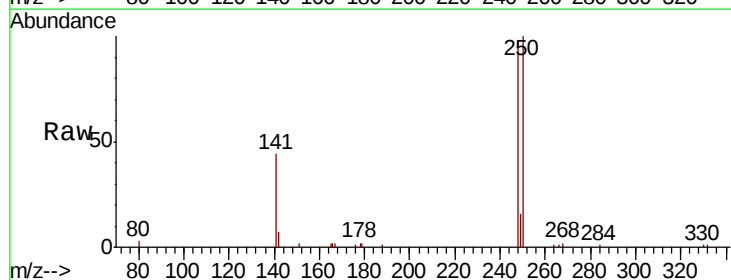
Tgt Ion:248 Resp: 6229

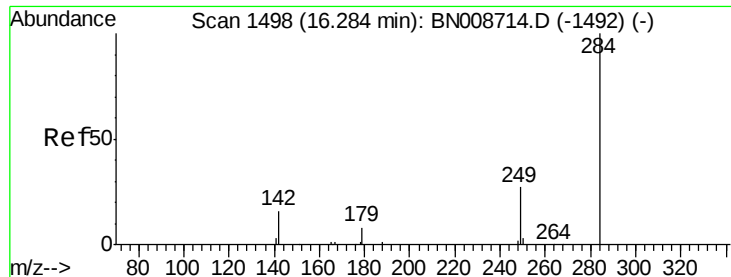
Ion Ratio Lower Upper

248 100

250 102.4 80.5 120.7

141 44.8 43.8 65.6





#21

Hexachlorobenzene

Concen: 0.332 ng

RT: 16.27 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

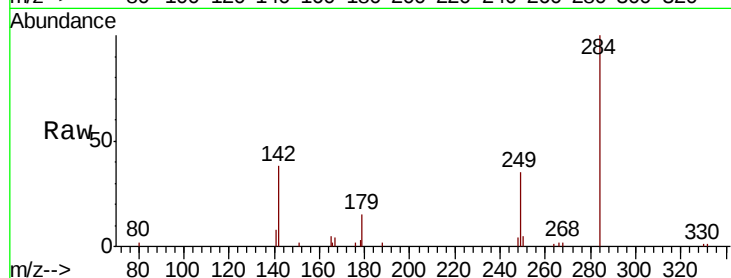
Instrument :

BNA_N

ClientSampleId :

Tot Ion:284 Resp: 5575

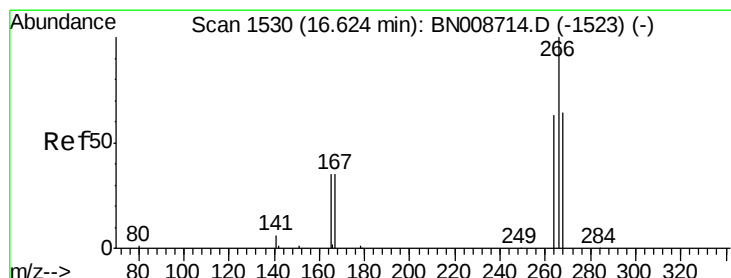
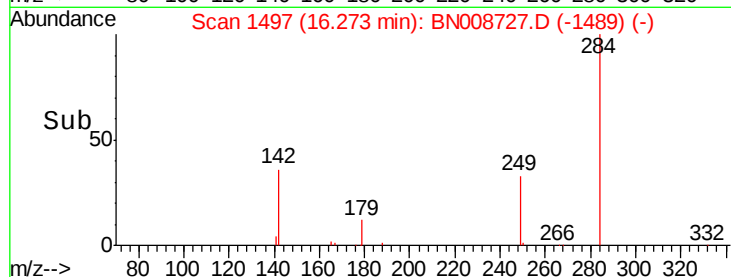
Ion	Ratio	Lower	Upper
284	100		
142	35.6	27.4	41.0
249	30.7	25.4	38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.236 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

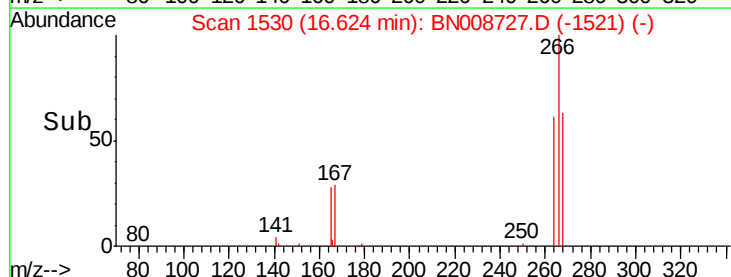
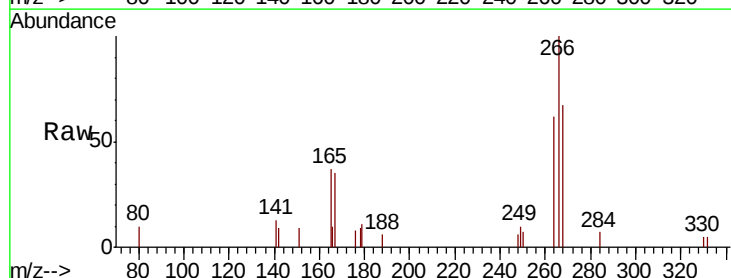
Tgt Ion:266 Resp: 1423

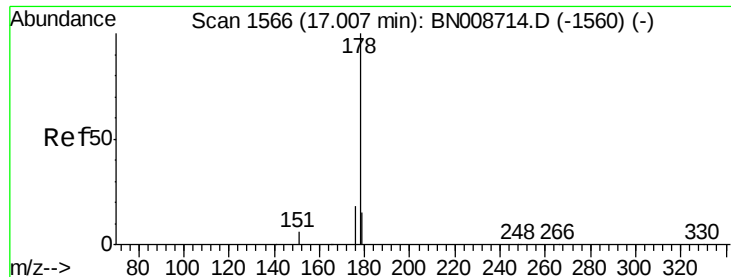
Ion	Ratio	Lower	Upper
266	100		
264	62.1	51.0	76.4
268	67.1	54.1	81.1

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: 0.381 ng

RT: 17.00 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

Instrument :

BNA_N

ClientSampleId :

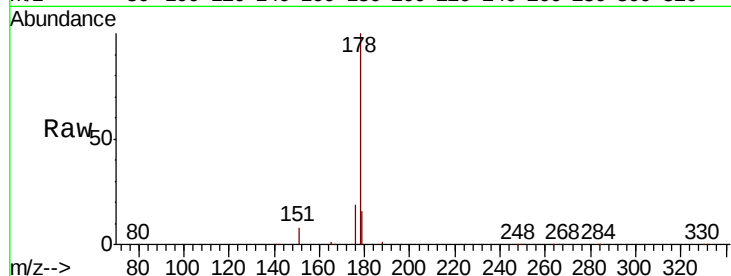
Tot Ion:178 Resp: 28722

Ion Ratio Lower Upper

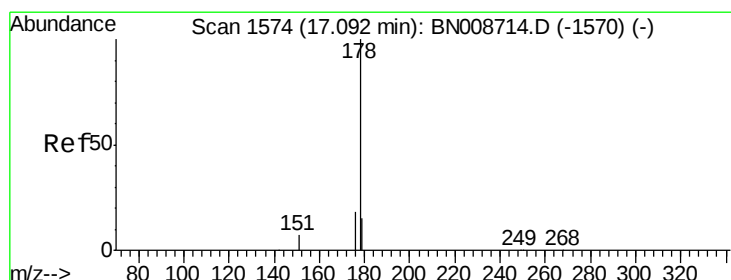
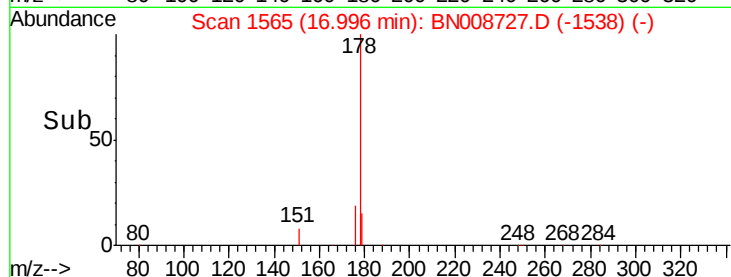
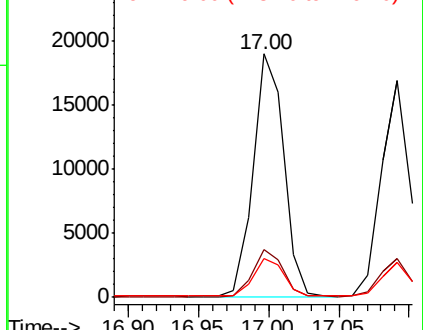
178 100

176 18.7 15.0 22.4

179 15.6 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: 0.364 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

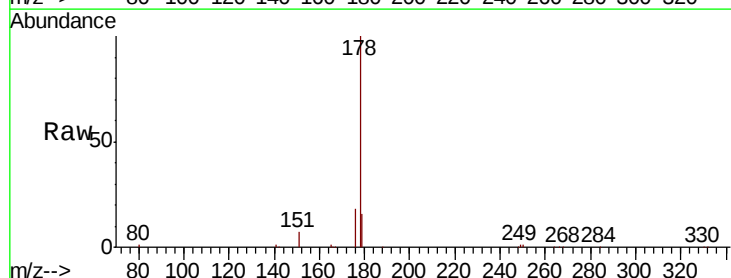
Tgt Ion:178 Resp: 24518

Ion Ratio Lower Upper

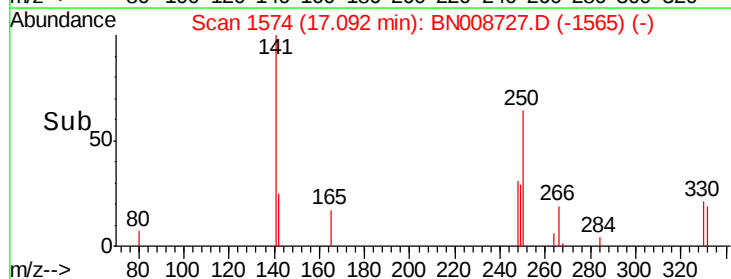
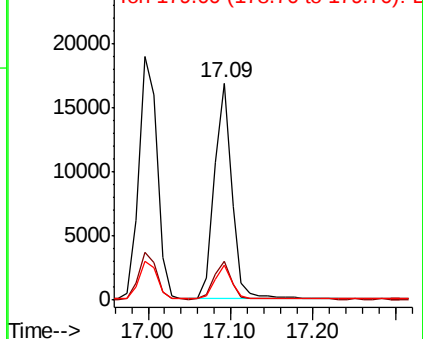
178 100

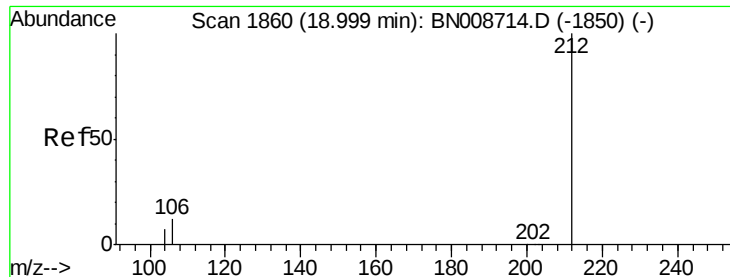
176 18.0 14.4 21.6

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: 0.401 ng

RT: 19.00 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

Instrument :

BNA_N

ClientSampled :

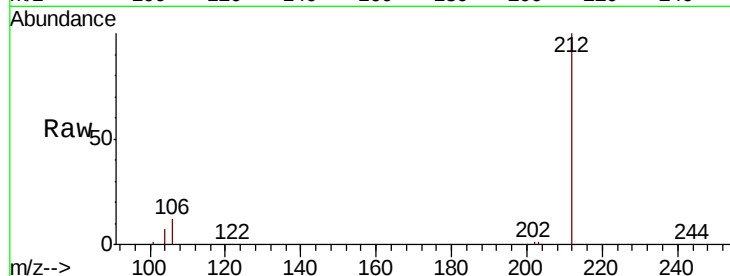
Tot Ion:212 Resp: 28817

Ion Ratio Lower Upper

212 100

106 13.3 10.6 15.8

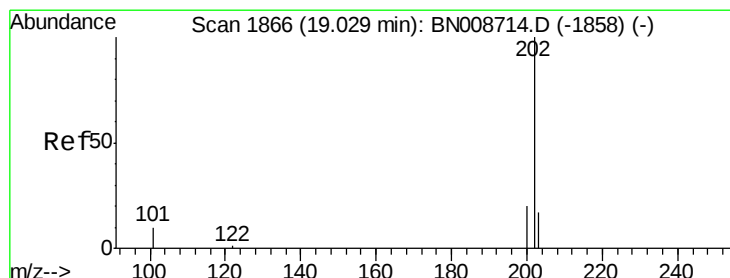
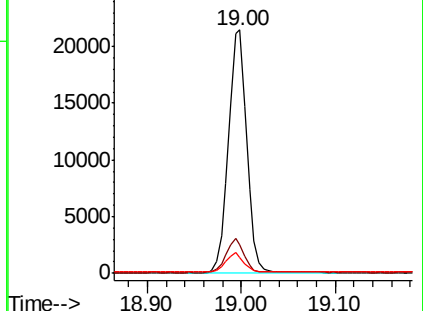
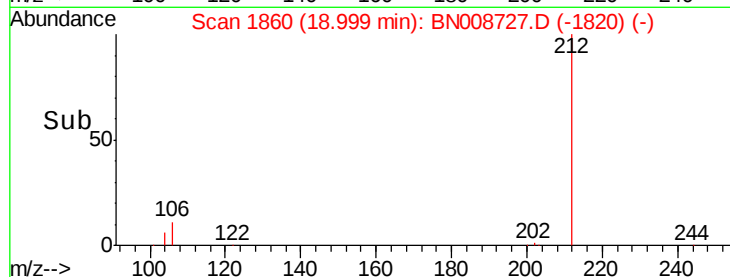
104 7.4 6.0 9.0



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.378 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

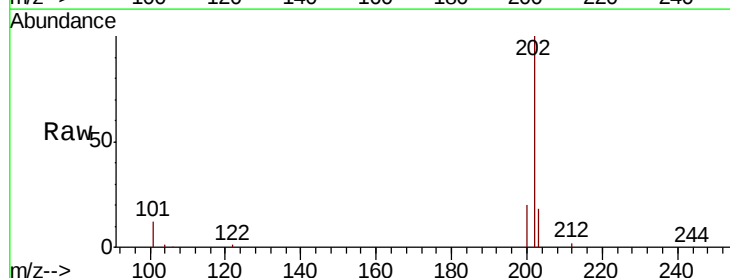
Tgt Ion:202 Resp: 33414

Ion Ratio Lower Upper

202 100

101 11.1 9.0 13.4

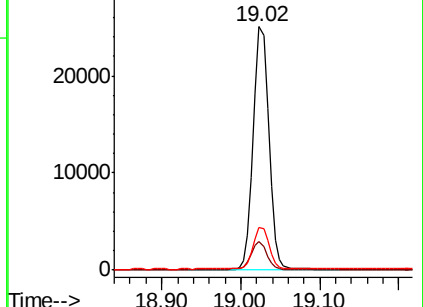
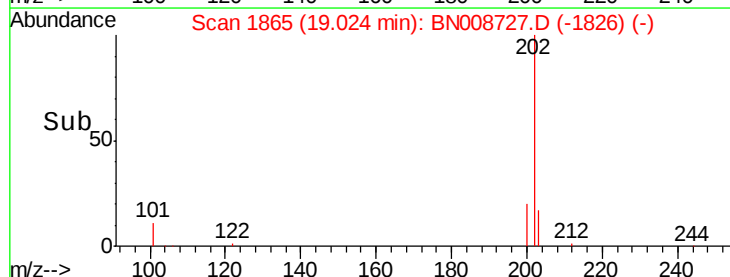
203 17.2 13.8 20.6

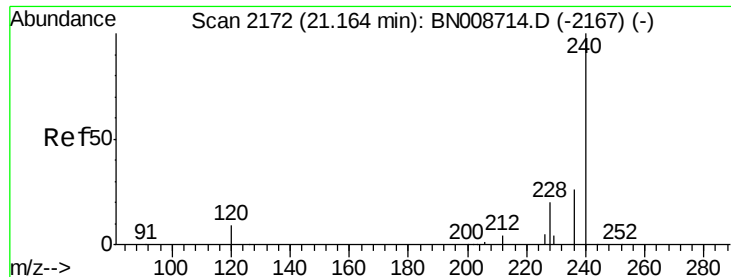


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

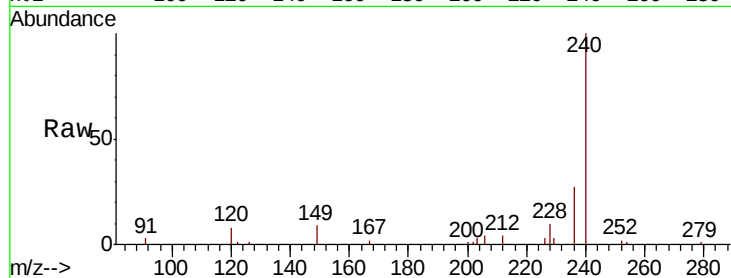




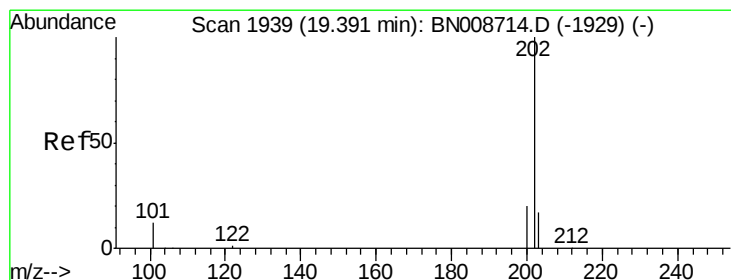
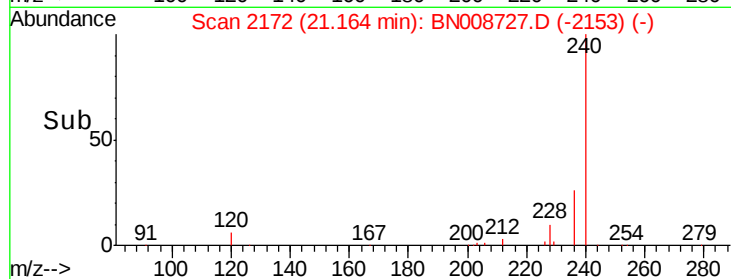
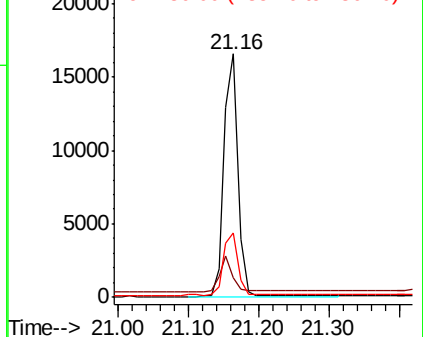
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN008727.D
Acq: 23 Nov 2019 14:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 22898
Ion Ratio Lower Upper
240 100
120 8.0 9.0 13.4#
236 26.6 21.8 32.6

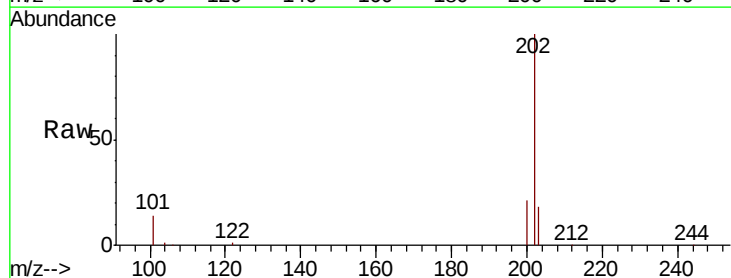


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

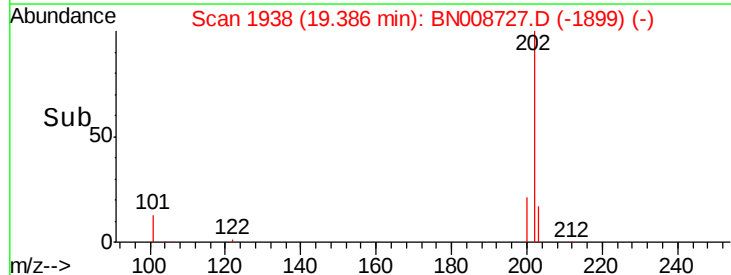
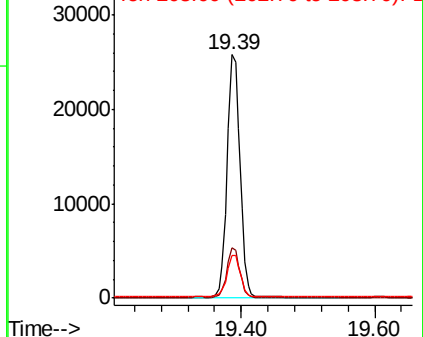


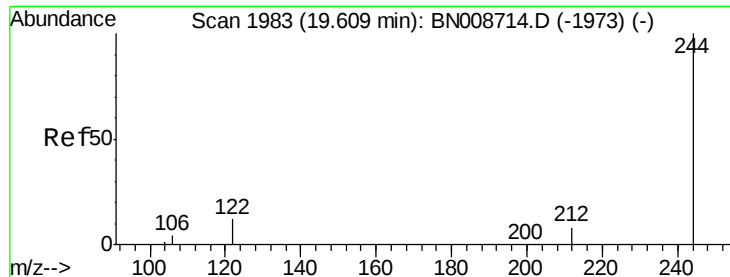
#28
Pyrene
Concen: 0.408 ng
RT: 19.39 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BN008727.D
Acq: 23 Nov 2019 14:02

Tgt Ion:202 Resp: 34529
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.4
203 18.2 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: 0.479 ng

RT: 19.61 min Scan# 1983

Delta R.T. 0.00 min

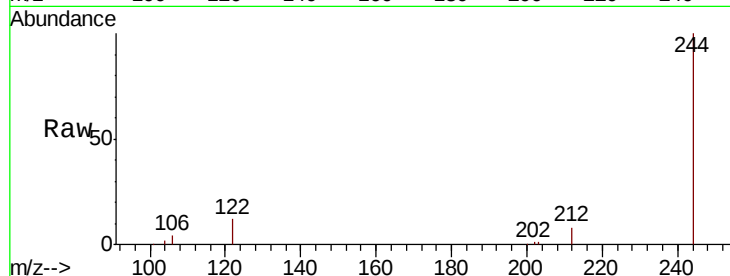
Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

Instrument :

BNA_N

ClientSampleId :



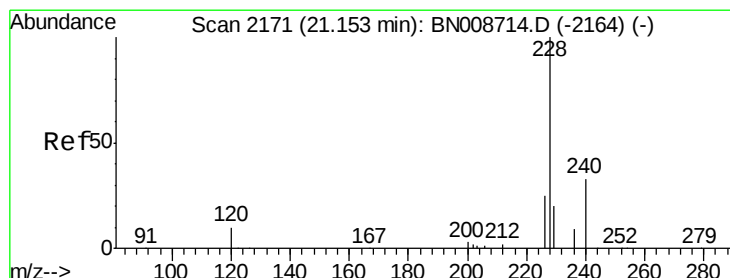
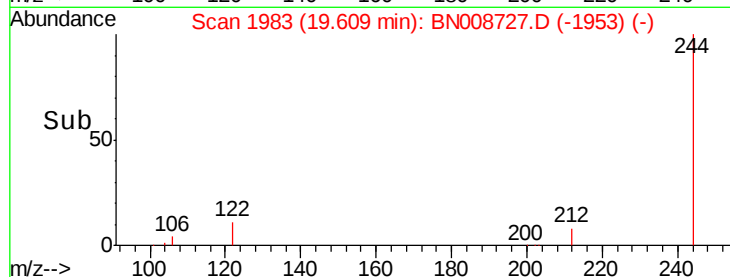
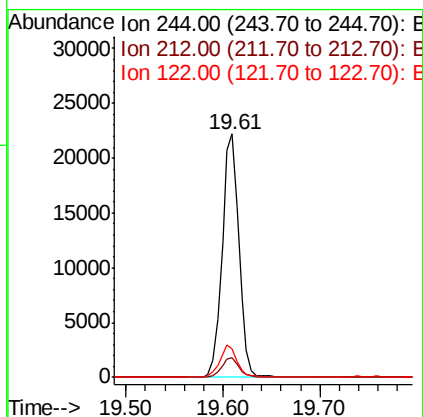
Tot Ion:244 Resp: 26383

Ion Ratio Lower Upper

244 100

212 7.8 6.6 9.8

122 11.6 10.1 15.1



#30

Benzo(a)anthracene

Concen: 0.369 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

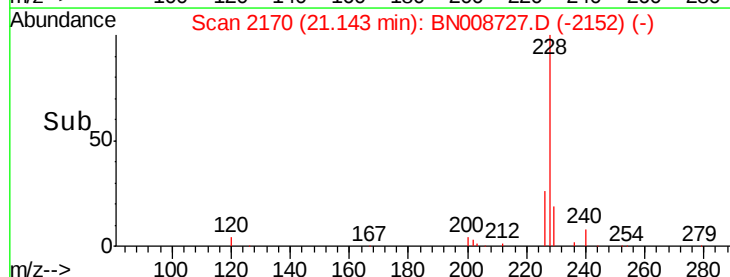
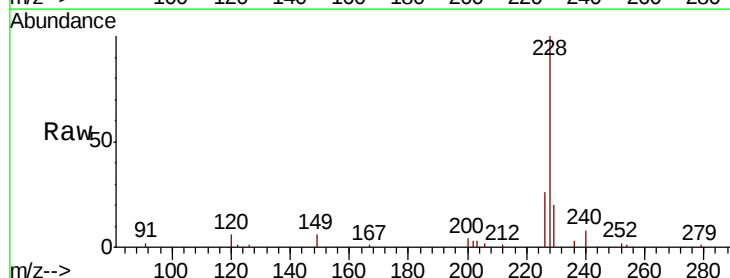
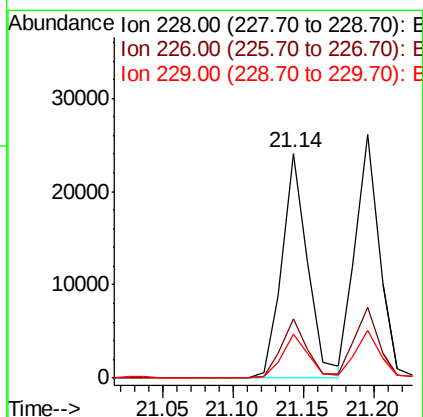
Tgt Ion:228 Resp: 30934

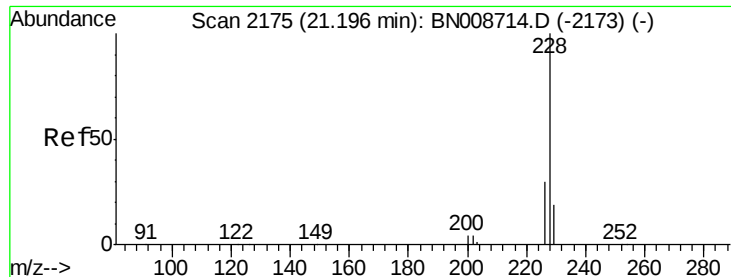
Ion Ratio Lower Upper

228 100

226 26.5 20.3 30.5

229 19.5 16.2 24.4





#31

Chrysene

Concen: 0.381 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

Instrument :

BNA_N

ClientSampleId :

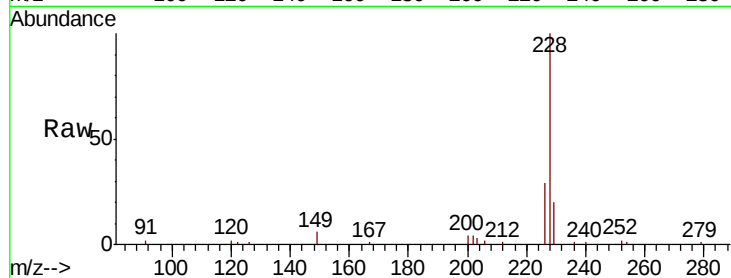
Tot Ion:228 Resp: 30947

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.8

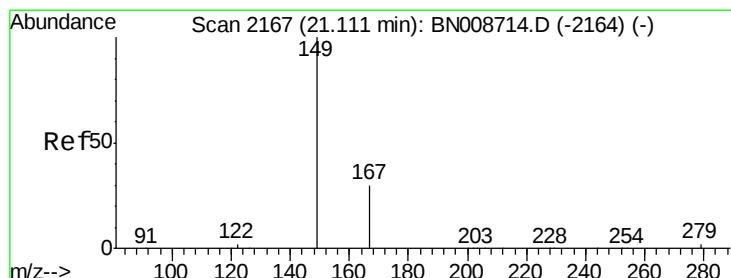
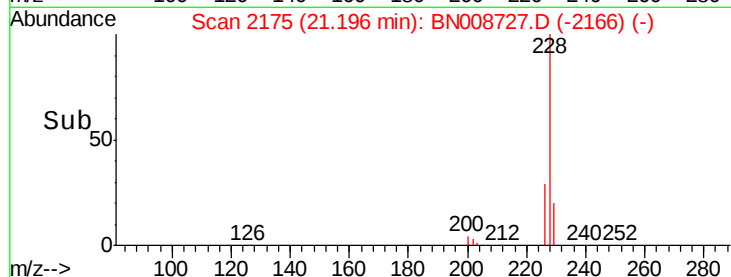
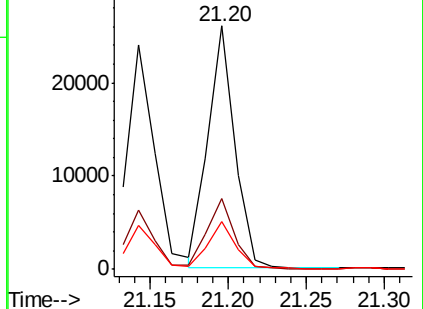
229 19.8 15.4 23.0



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: 0.340 ng

RT: 21.11 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

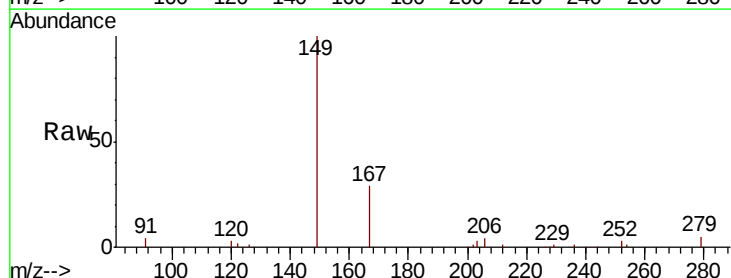
Tgt Ion:149 Resp: 18522

Ion Ratio Lower Upper

149 100

167 28.6 23.5 35.3

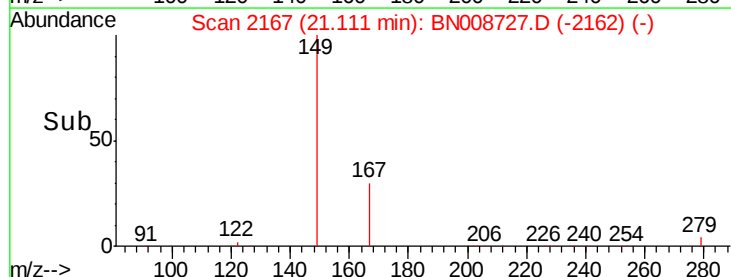
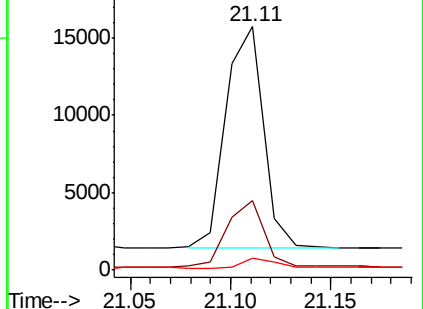
279 4.0 3.4 5.0

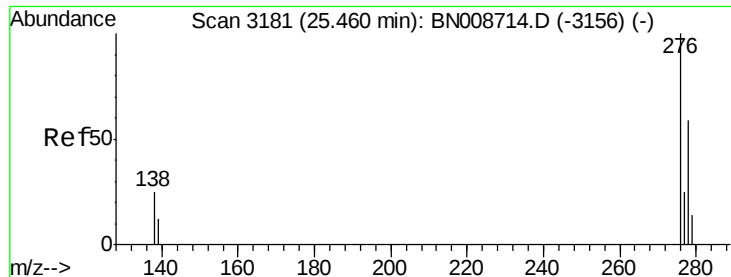


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

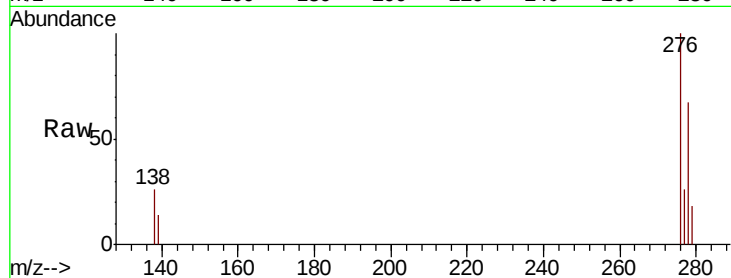




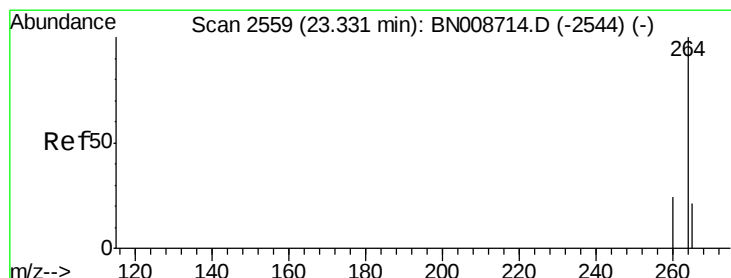
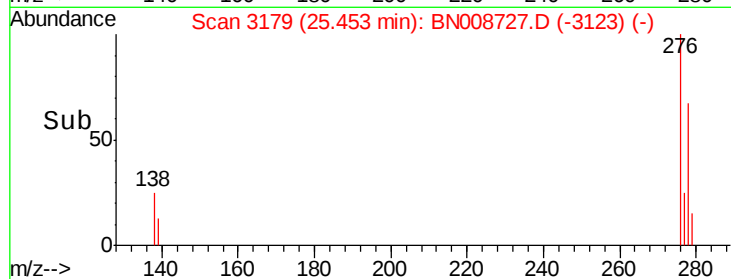
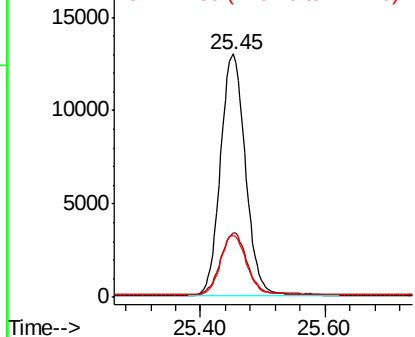
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng
RT: 25.45 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BN008727.D
Acq: 23 Nov 2019 14:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 36306
Ion Ratio Lower Upper
276 100
138 26.4 21.0 31.6
277 24.9 19.9 29.9

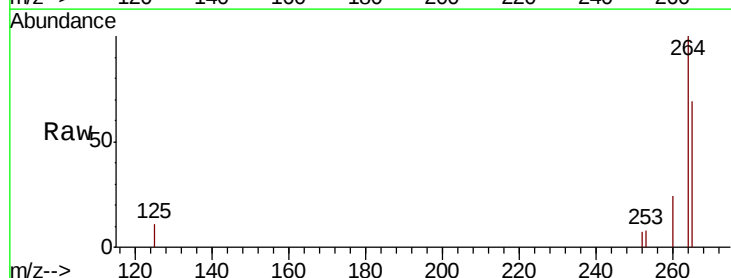


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

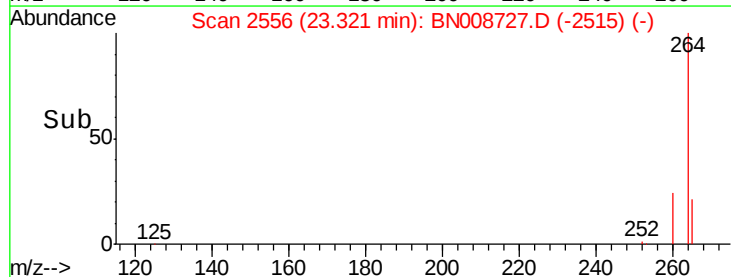
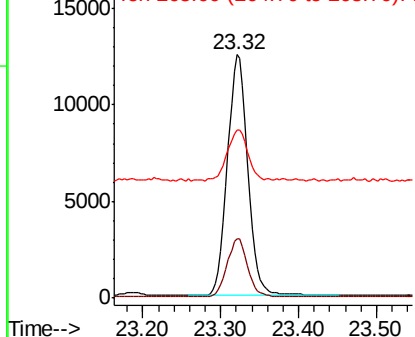


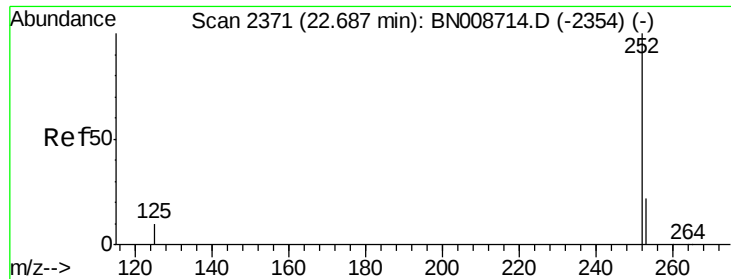
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.32 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BN008727.D
Acq: 23 Nov 2019 14:02

Tgt Ion:264 Resp: 22762
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 69.0 61.8 92.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.393 ng

RT: 22.68 min Scan# 2369

Delta R.T. -0.01 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

Instrument :

BNA_N

ClientSampled :

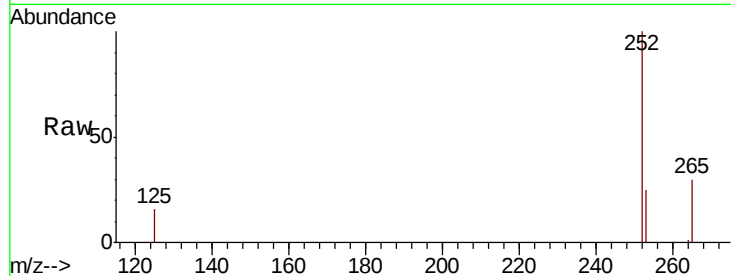
Tot Ion:252 Resp: 30971

Ion Ratio Lower Upper

252 100

253 24.8 20.8 31.2

125 15.7 13.5 20.3

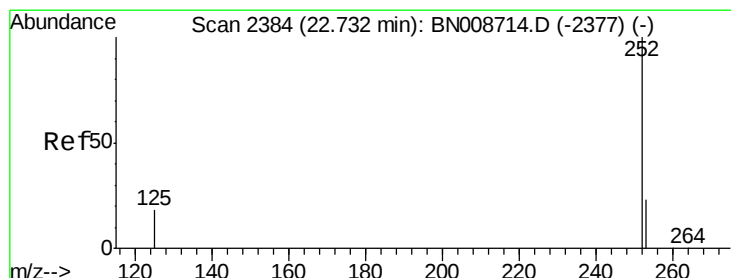
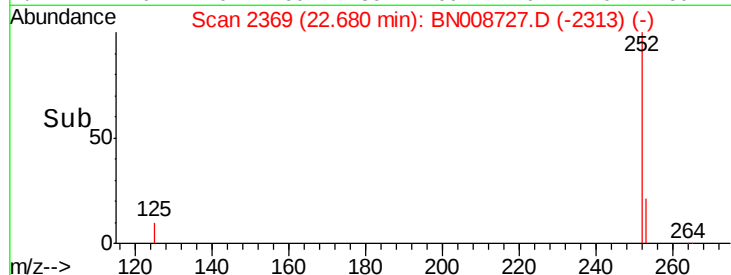
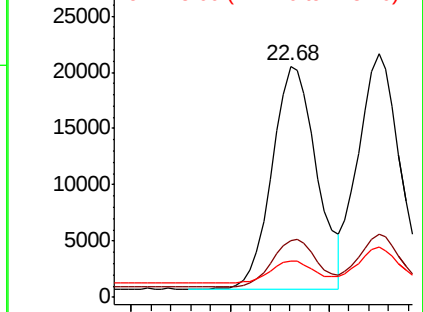


Abundance

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: 0.386 ng

RT: 22.72 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

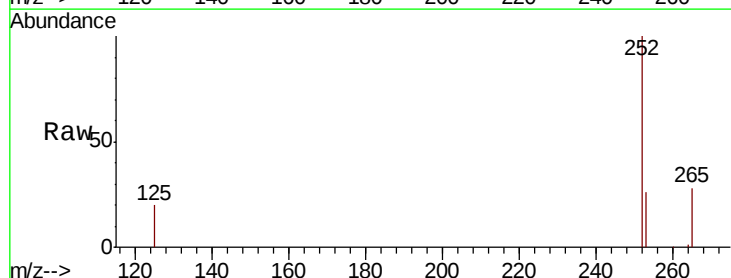
Tgt Ion:252 Resp: 30824

Ion Ratio Lower Upper

252 100

253 25.7 21.8 32.6

125 20.4 18.2 27.4

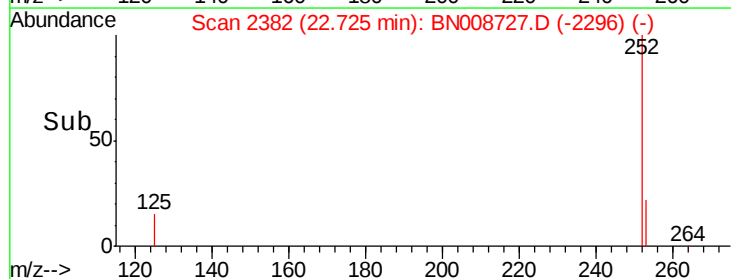
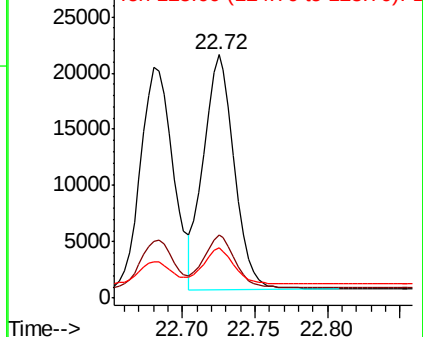


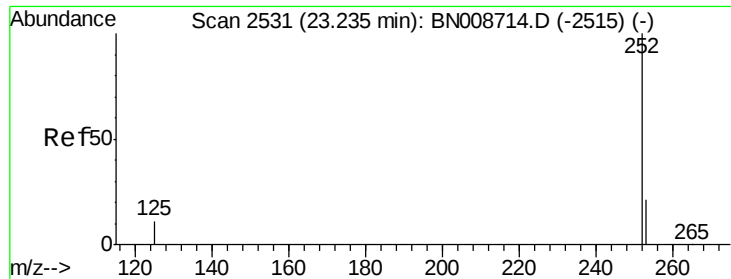
Abundance

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: 0.374 ng

RT: 23.23 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

Instrument :

BNA_N

ClientSampleId :

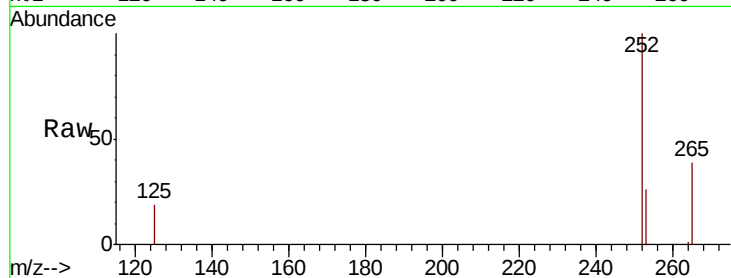
Tot Ion:252 Resp: 27277

Ion Ratio Lower Upper

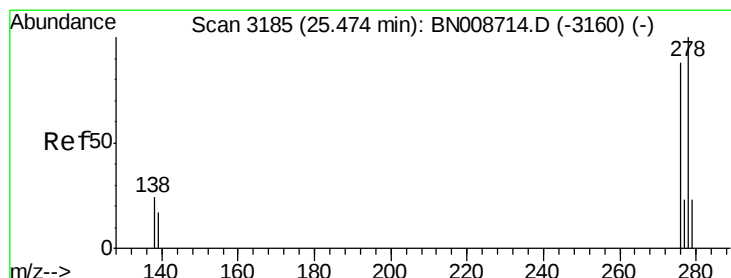
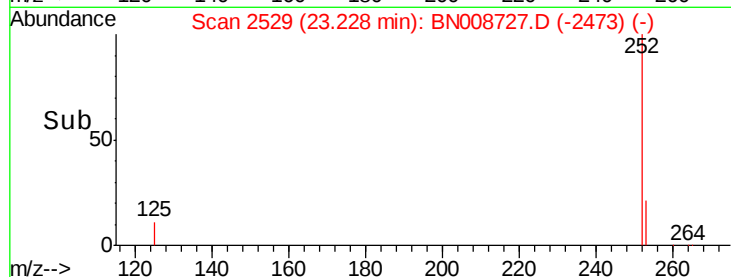
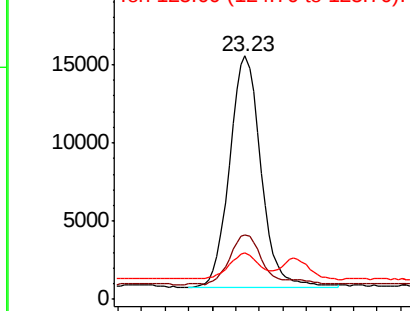
252 100

253 26.5 21.9 32.9

125 18.9 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: 0.414 ng

RT: 25.47 min Scan# 3183

Delta R.T. -0.01 min

Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

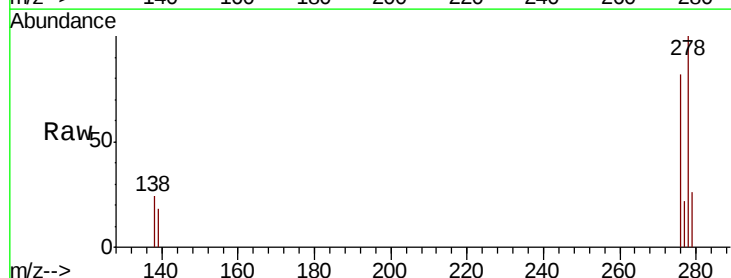
Tgt Ion:278 Resp: 29769

Ion Ratio Lower Upper

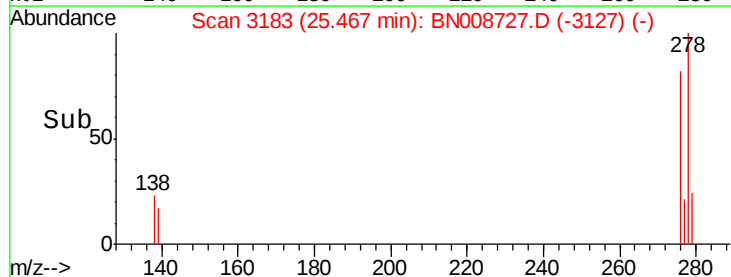
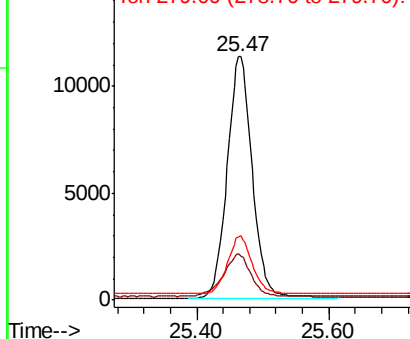
278 100

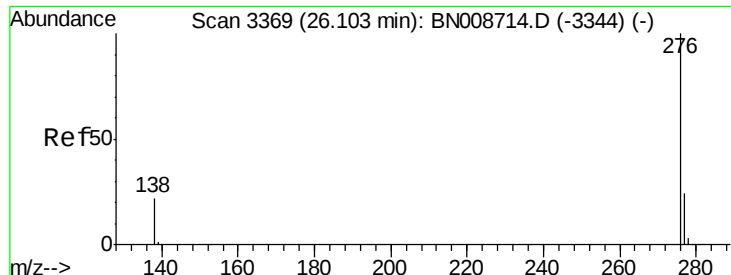
139 17.9 15.4 23.2

279 26.2 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: 0.426 ng

RT: 26.09 min Scan# 3366

Delta R.T. -0.01 min

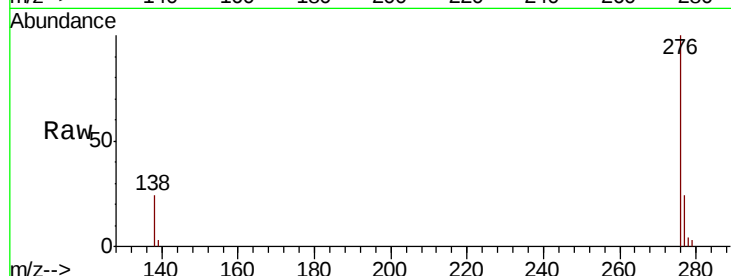
Lab File: BN008727.D

Acq: 23 Nov 2019 14:02

Instrument :

BNA_N

ClientSampleId :



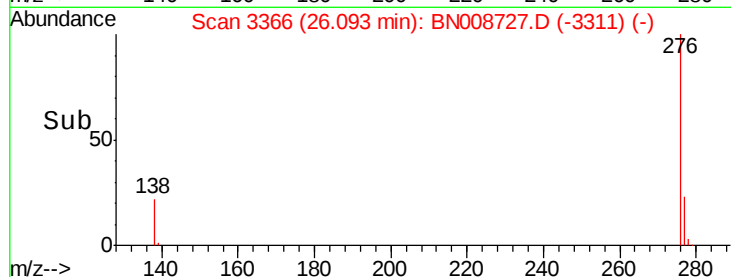
Tot Ion: 276 Resp: 30522

Ion Ratio Lower Upper

276 100

277 24.5 20.4 30.6

138 23.8 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

