

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090320\
 Data File : BN011689.D
 Acq On : 03 Sep 2020 09:16
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4

Quant Time: Sep 03 12:35:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 03 12:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2210	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	8160	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	4783	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	10410	0.40	ng	0.00
29) Chrysene-d12	21.32	240	10469	0.40	ng	0.00
36) Perylene-d12	23.58	264	11344	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	2212	0.35	ng	0.00
5) Phenol-d6	6.90	99	2916	0.34	ng	0.00
8) Nitrobenzene-d5	8.88	82	2928	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	5257	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	778	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	7574	0.37	ng	0.00
27) Fluoranthene-d10	19.16	212	11628	0.35	ng	0.00
31) Terphenyl-d14	19.76	244	10090	0.39	ng	0.00

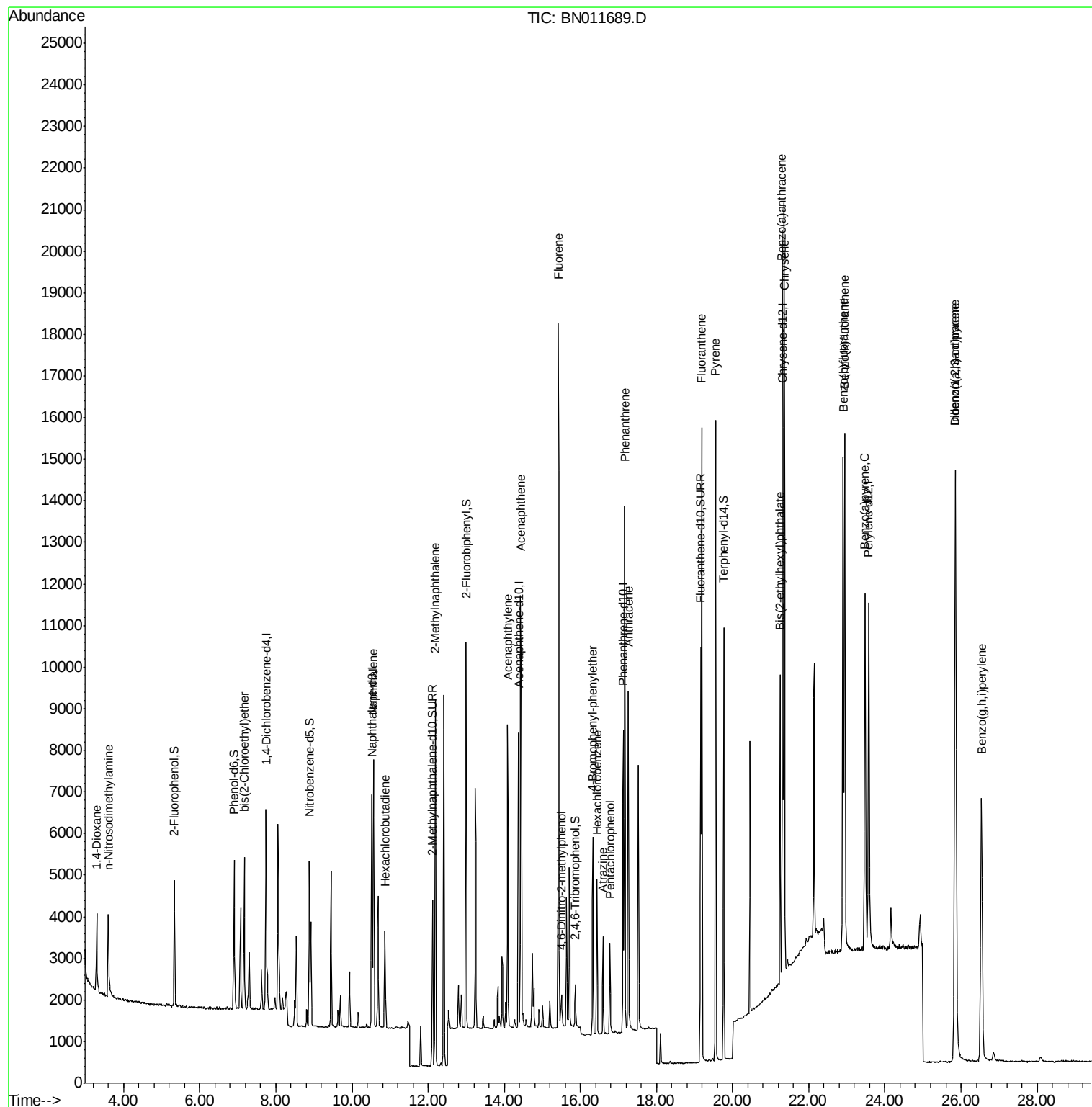
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1296	0.365	ng	99
3) n-Nitrosodimethylamine	3.59	42	1622	0.395	ng	# 95
6) bis(2-Chloroethyl)ether	7.17	93	2508	0.363	ng	99
9) Naphthalene	10.57	128	8459	0.362	ng	99
10) Hexachlorobutadiene	10.87	225	1987	0.387	ng	# 97
12) 2-Methylnaphthalene	12.19	142	5935	0.357	ng	97
16) Acenaphthylene	14.09	152	8187	0.352	ng	100
17) Acenaphthene	14.43	154	5856	0.364	ng	99
18) Fluorene	15.42	166	7380	0.358	ng	99
20) 4,6-Dinitro-2-methylphenol	15.50	198	628	0.391	ng	# 88
21) 4-Bromophenyl-phenylether	16.32	248	2218	0.364	ng	# 74
22) Hexachlorobenzene	16.43	284	2832	0.376	ng	99
23) Atrazine	16.59	200	1769	0.331	ng	93
24) Pentachlorophenol	16.77	266	1061	0.355	ng	98
25) Phenanthrene	17.16	178	12151	0.361	ng	100
26) Anthracene	17.26	178	10432	0.349	ng	100
28) Fluoranthene	19.19	202	13960	0.350	ng	100
30) Pyrene	19.55	202	14014	0.385	ng	99
32) Benzo(a)anthracene	21.30	228	13527	0.362	ng	98
33) Chrysene	21.35	228	14554	0.377	ng	98
34) Bis(2-ethylhexyl)phthalate	21.25	149	5670	0.373	ng	100
35) Indeno(1,2,3-cd)pyrene	25.85	276	18419	0.366	ng	99
37) Benzo(b)fluoranthene	22.90	252	15343	0.353	ng	99
38) Benzo(k)fluoranthene	22.94	252	16309	0.367	ng	98
39) Benzo(a)pyrene	23.48	252	13465	0.346	ng	97
40) Dibenzo(a,h)anthracene	25.86	278	15181	0.346	ng	99
41) Benzo(g,h,i)perylene	26.54	276	14500	0.337	ng	99

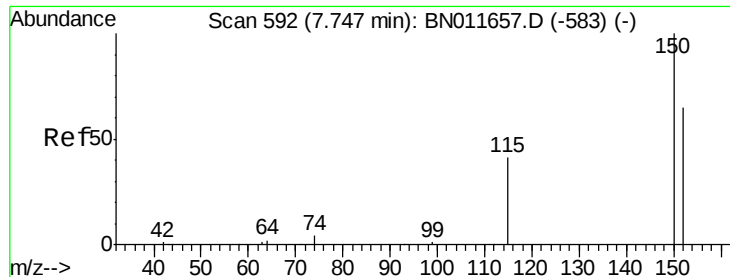
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090320\
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QLast Update : Thu Sep 03 12:33:00 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.74 min Scan# 591

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

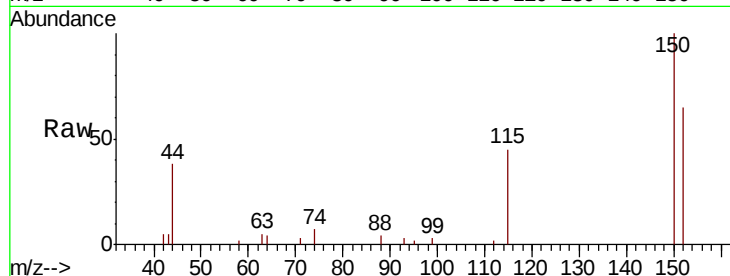
Tot Ion:152 Resp: 2210

Ion Ratio Lower Upper

152 100

150 153.0 121.0 181.6

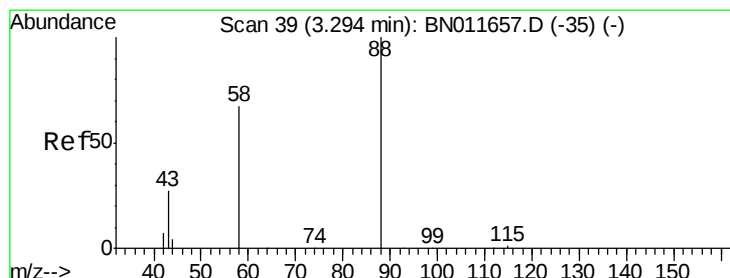
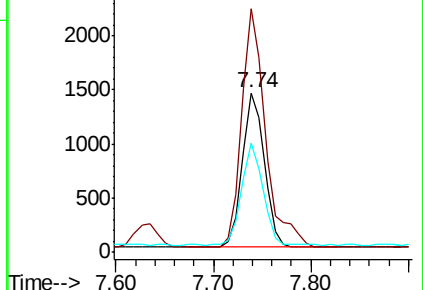
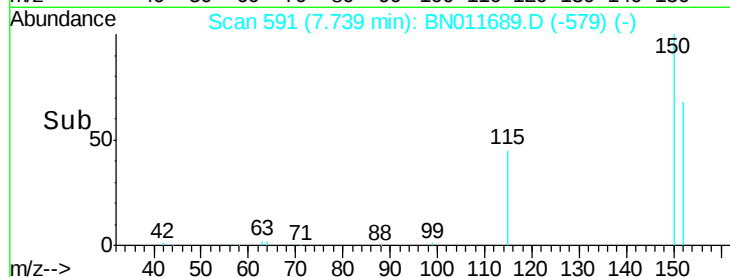
115 68.9 52.6 78.8



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: 0.365 ng

RT: 3.29 min Scan# 39

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

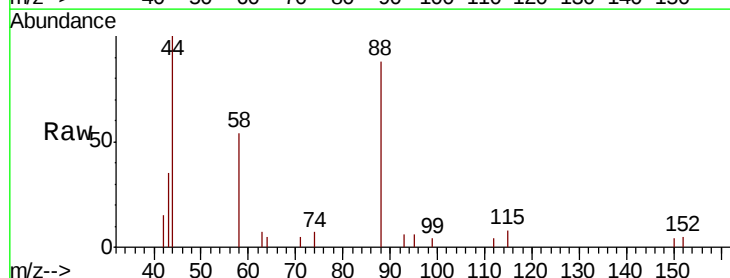
Tgt Ion: 88 Resp: 1296

Ion Ratio Lower Upper

88 100

58 76.0 61.4 92.0

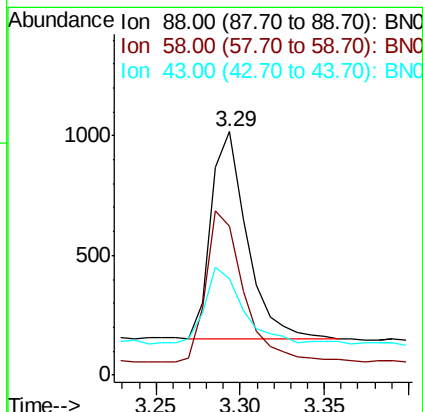
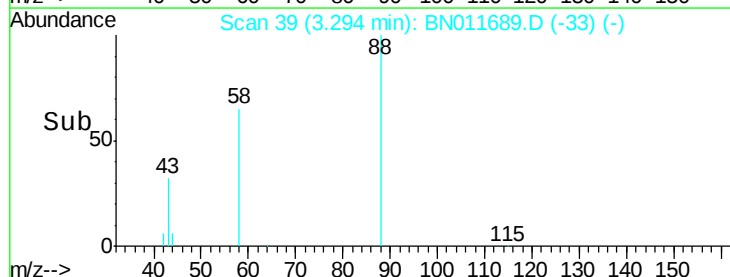
43 37.2 29.8 44.8

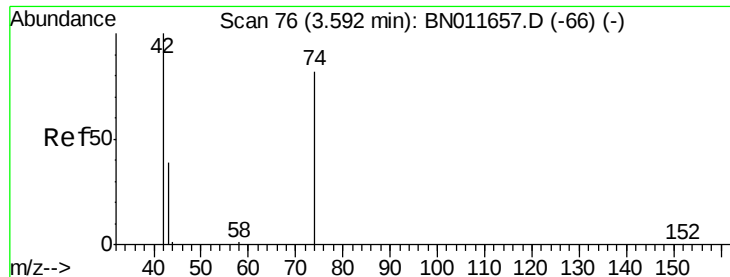


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.395 ng

RT: 3.59 min Scan# 76

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

Instrument :

BNA_N

ClientSampled :

SSTDCCC0.4

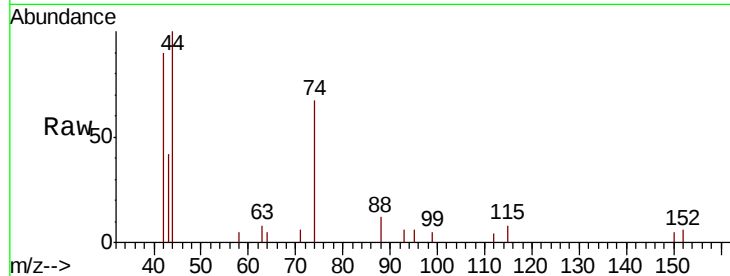
Tot Ion: 42 Resp: 1622

Ion Ratio Lower Upper

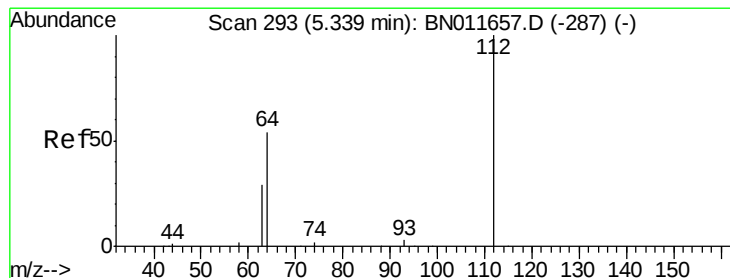
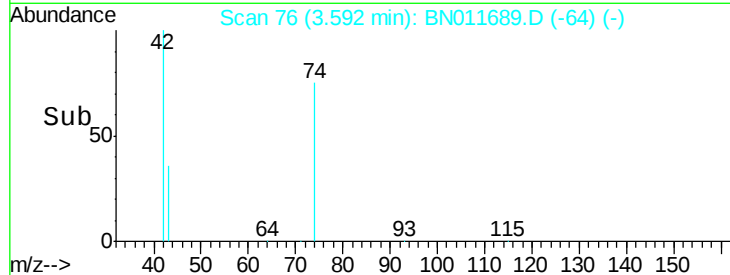
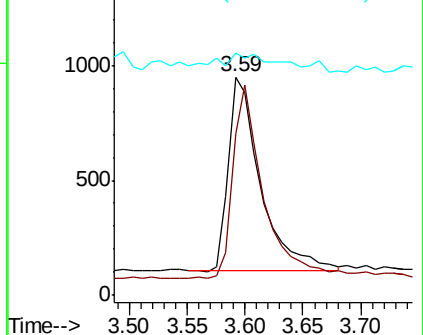
42 100

74 95.8 79.0 118.6

44 17.2 8.1 12.1#



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: 0.354 ng

RT: 5.33 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

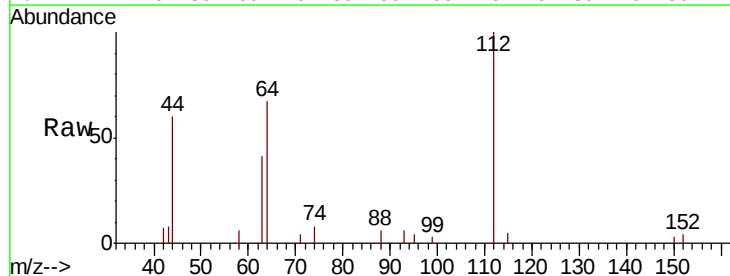
Tgt Ion: 112 Resp: 2212

Ion Ratio Lower Upper

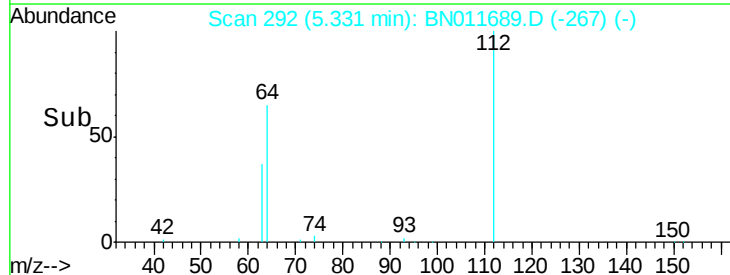
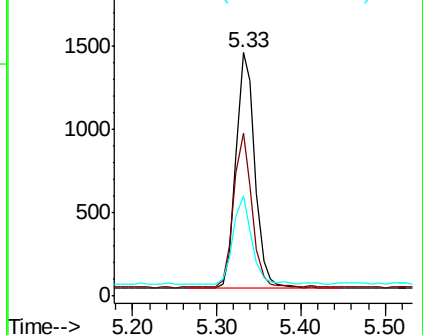
112 100

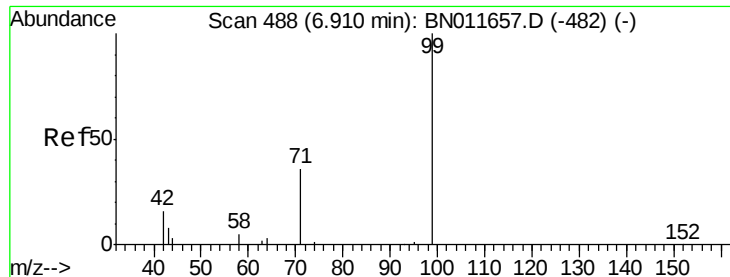
64 62.7 49.7 74.5

63 37.2 29.4 44.0



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: 0.344 ng

RT: 6.90 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

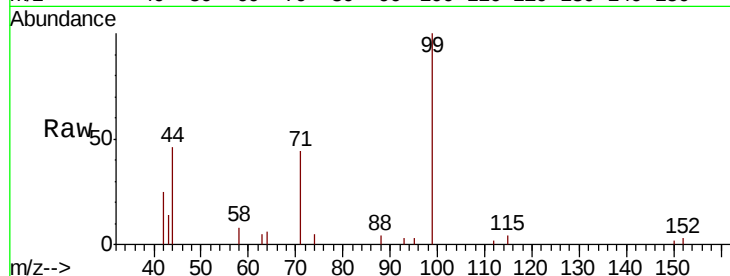
Tot Ion: 99 Resp: 2916

Ion Ratio Lower Upper

99 100

42 26.2 20.2 30.2

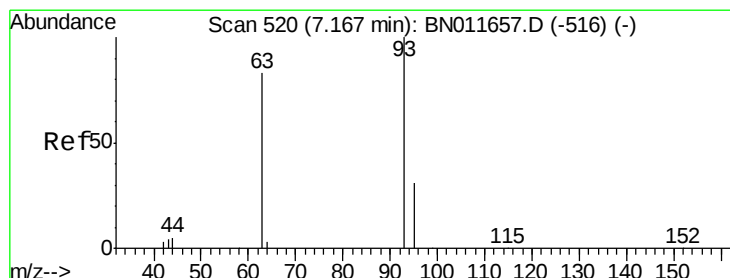
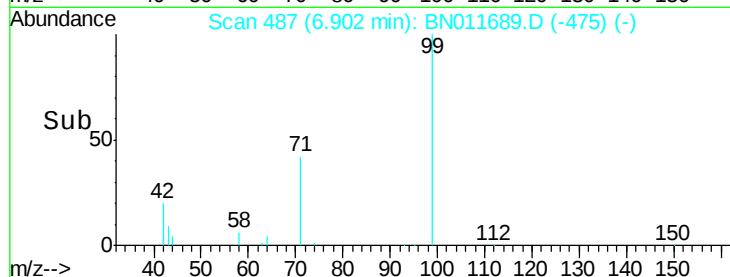
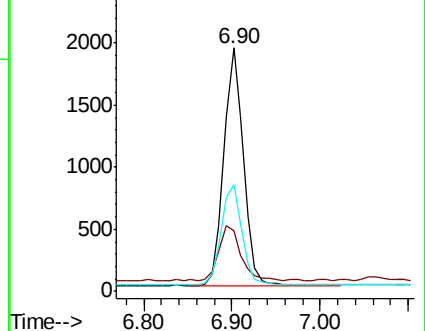
71 44.4 33.3 49.9



Abundance Ion 99.00 (98.70 to 99.70): BN011657.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN011657.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN011657.D (-482) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.363 ng

RT: 7.17 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

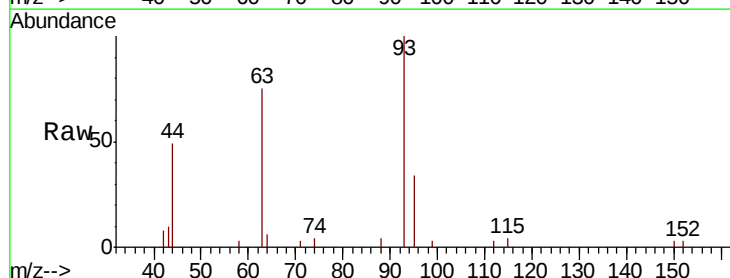
Tgt Ion: 93 Resp: 2508

Ion Ratio Lower Upper

93 100

63 79.0 62.2 93.4

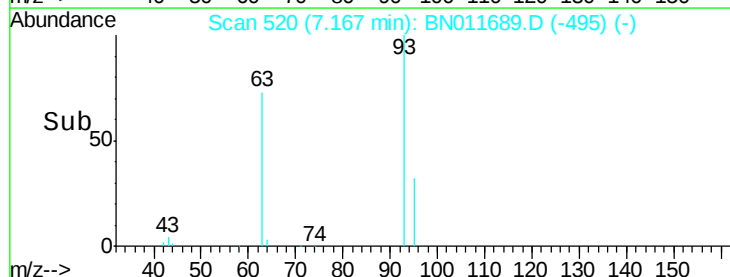
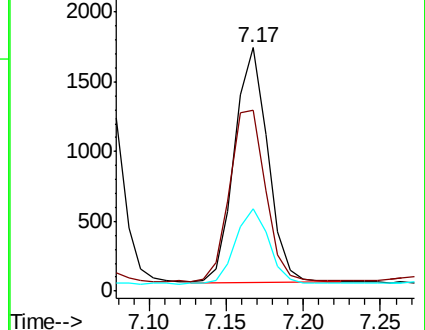
95 32.5 26.6 39.8

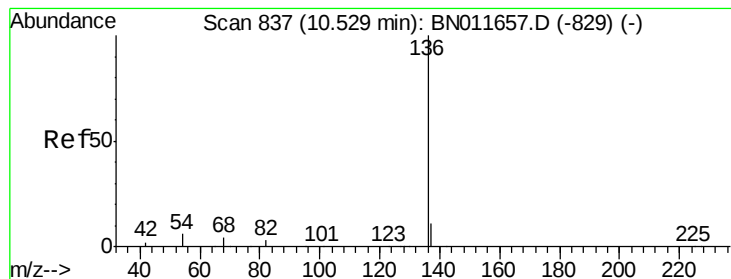


Abundance Ion 93.00 (92.70 to 93.70): BN011657.D (-516) (-)

Ion 63.00 (62.70 to 63.70): BN011657.D (-516) (-)

Ion 95.00 (94.70 to 95.70): BN011657.D (-516) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 8160

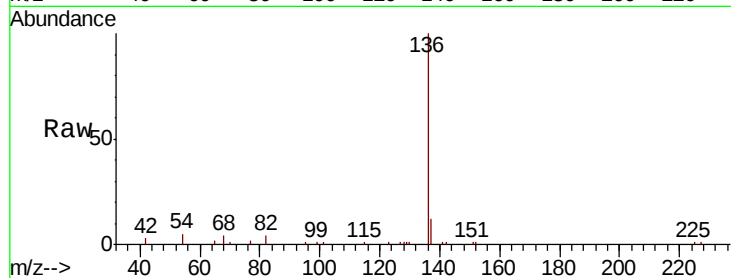
Ion Ratio Lower Upper

136 100

137 12.0 9.3 13.9

54 5.3 5.8 8.8#

68 3.9 4.1 6.1#

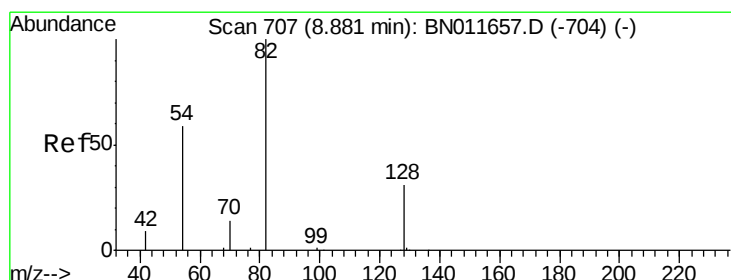
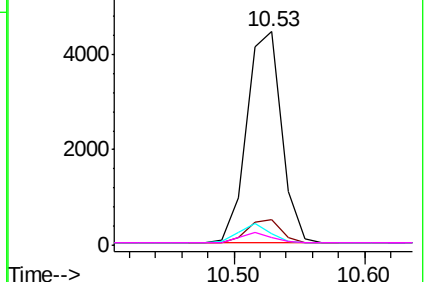
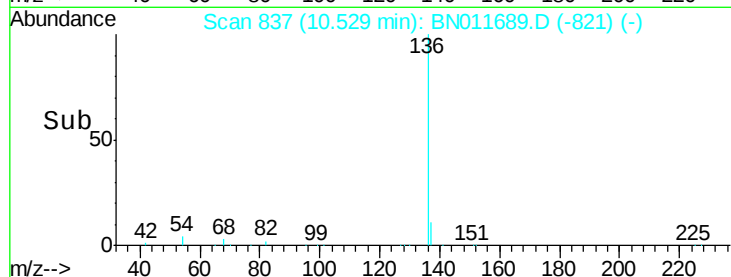


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.371 ng

RT: 8.88 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

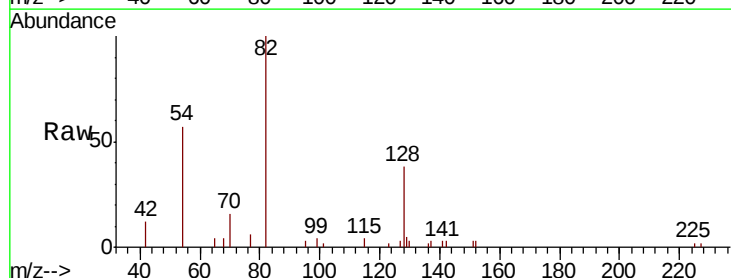
Tgt Ion: 82 Resp: 2928

Ion Ratio Lower Upper

82 100

128 37.9 26.2 39.2

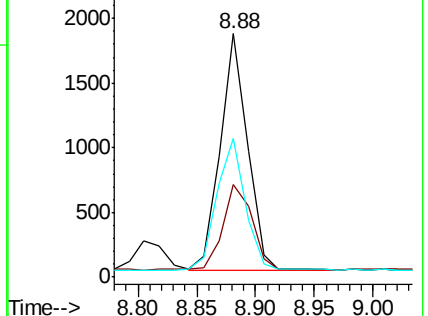
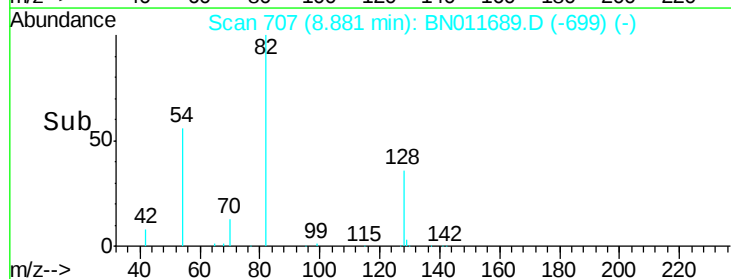
54 57.1 48.2 72.4

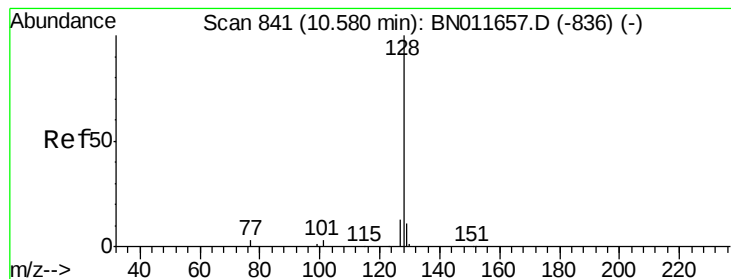


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.362 ng

RT: 10.57 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

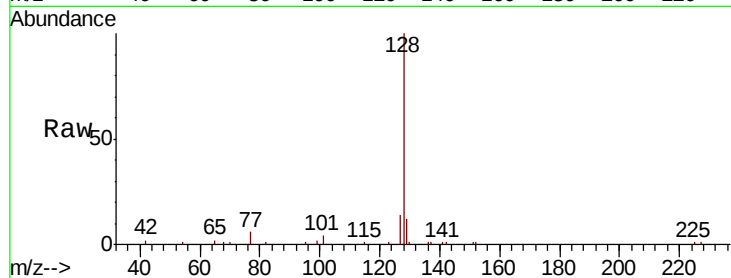
Tot Ion:128 Resp: 8459

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.2

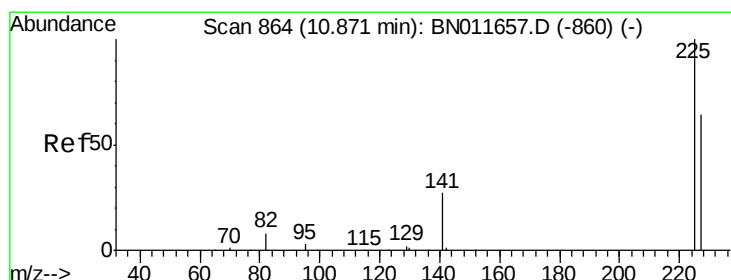
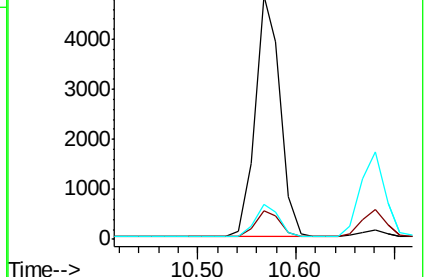
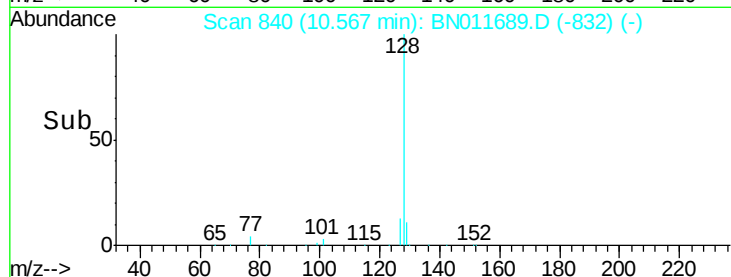
127 14.2 10.8 16.2



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: 0.387 ng

RT: 10.87 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

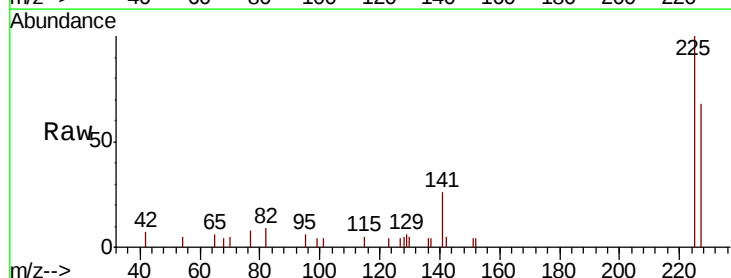
Tgt Ion:225 Resp: 1987

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

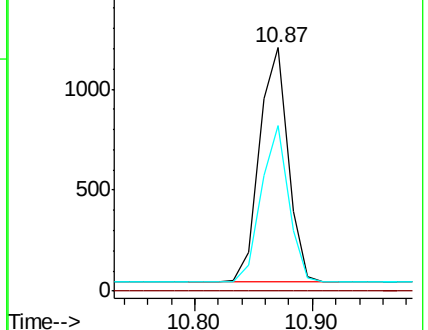
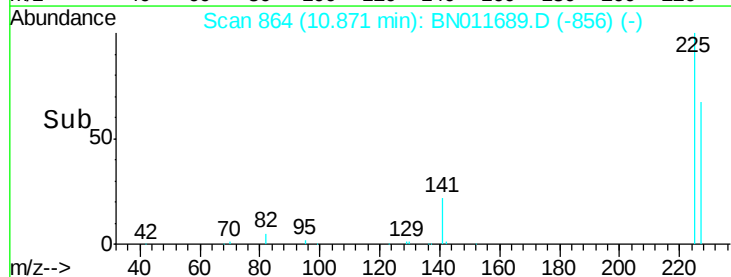
227 63.5 52.6 78.8

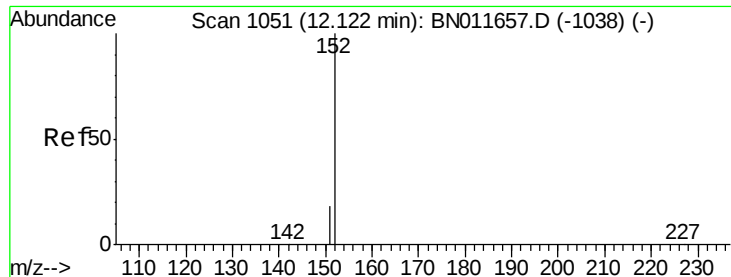


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

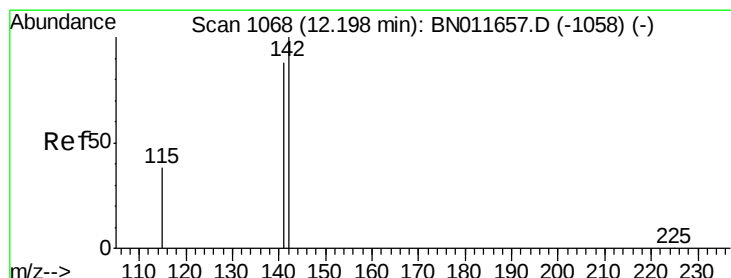
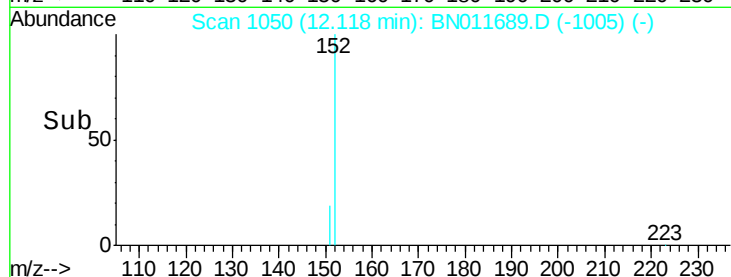
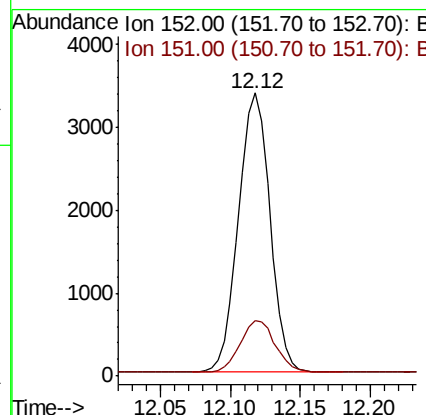
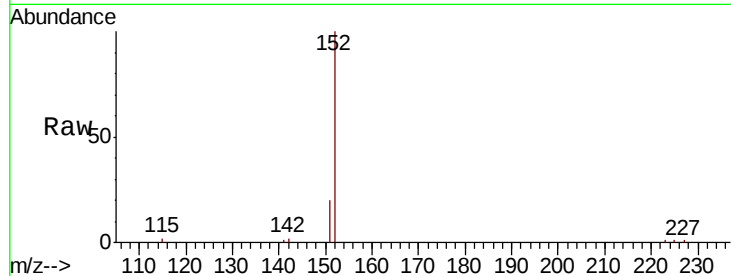




#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.12 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BN011689.D
Acq: 03 Sep 2020 09:16

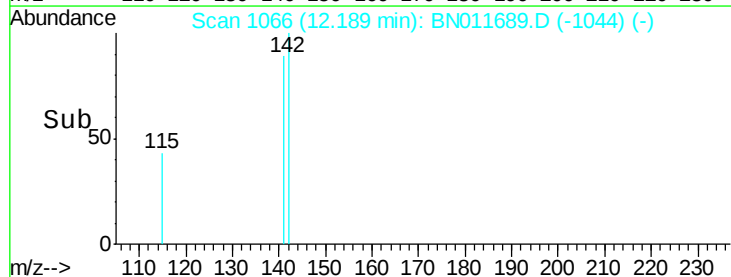
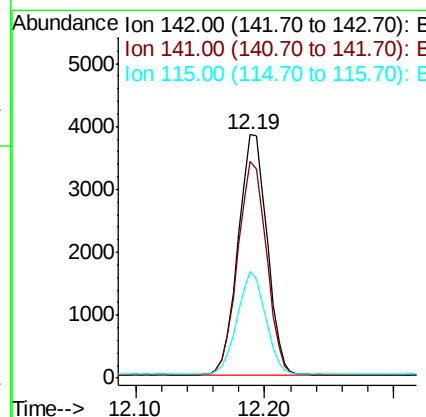
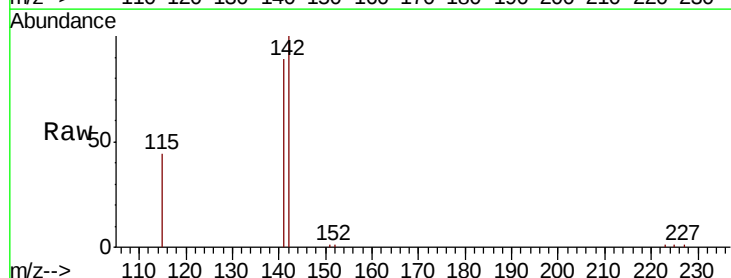
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

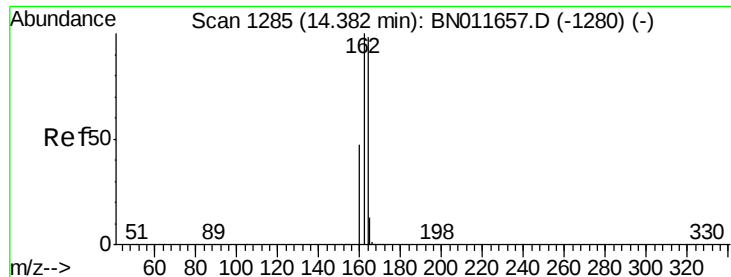
Tot Ion:152 Resp: 5257
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.357 ng
RT: 12.19 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BN011689.D
Acq: 03 Sep 2020 09:16

Tgt Ion:142 Resp: 5935
Ion Ratio Lower Upper
142 100
141 88.9 70.6 106.0
115 43.8 31.3 46.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

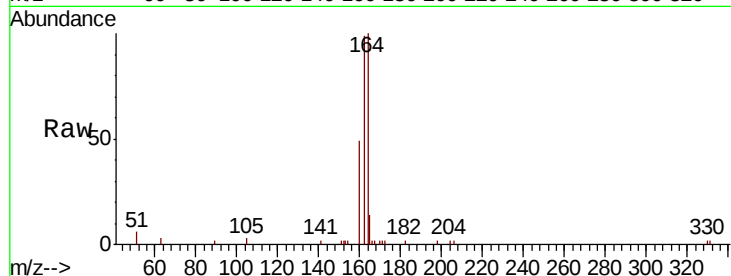
Tot Ion:164 Resp: 4783

Ion Ratio Lower Upper

164 100

162 98.8 81.4 122.0

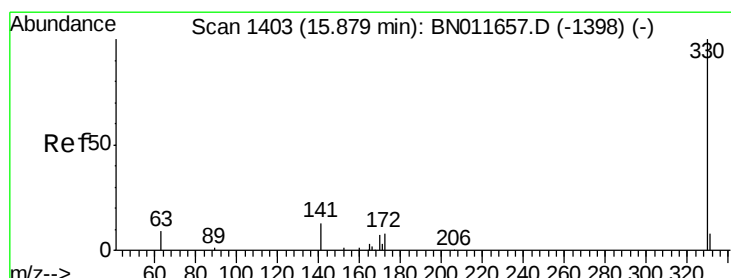
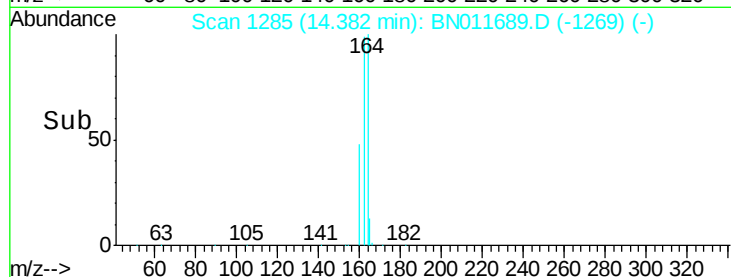
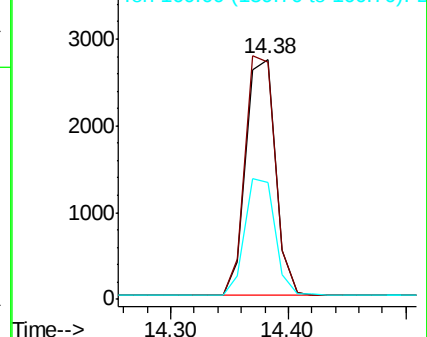
160 48.6 38.5 57.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.335 ng

RT: 15.87 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

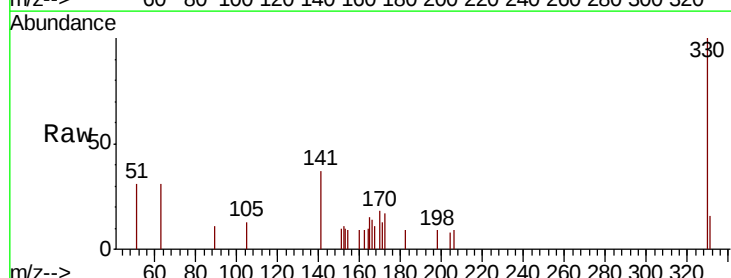
Tgt Ion:330 Resp: 778

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

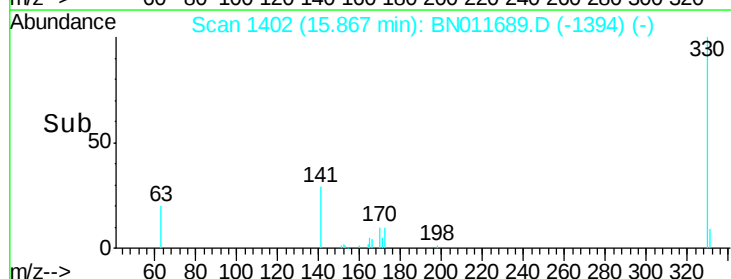
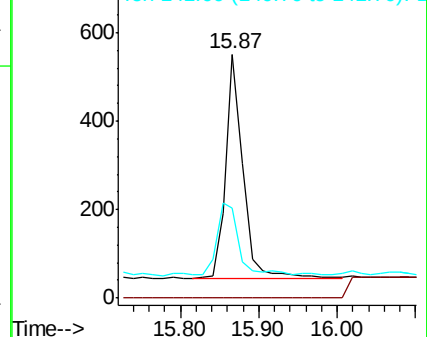
141 39.6 29.8 44.8

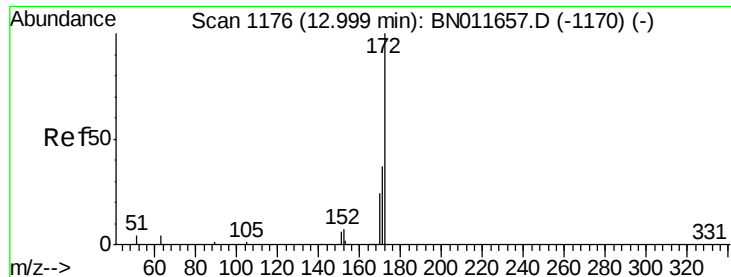


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

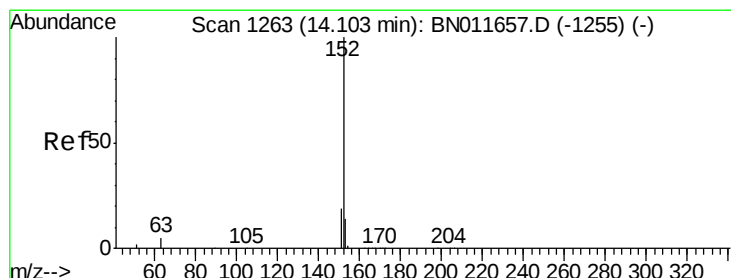
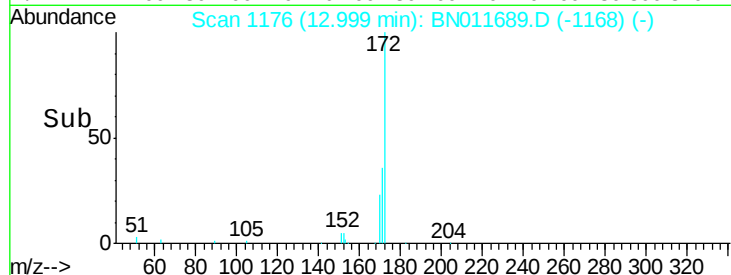
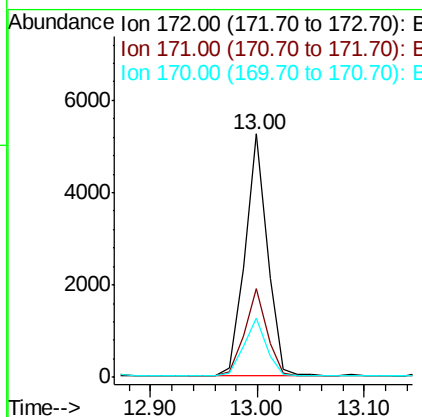
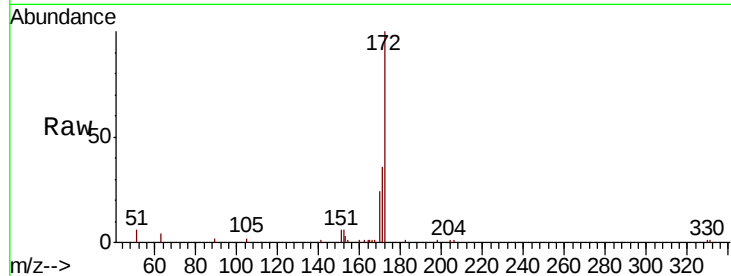




#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011689.D
Acq: 03 Sep 2020 09:16

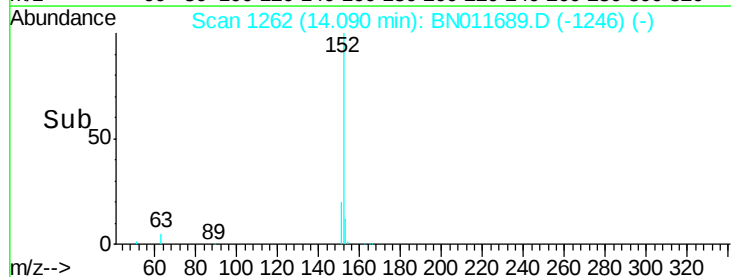
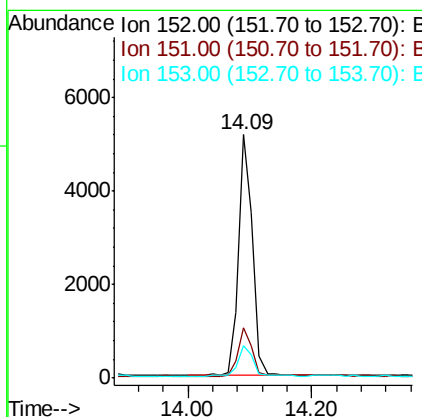
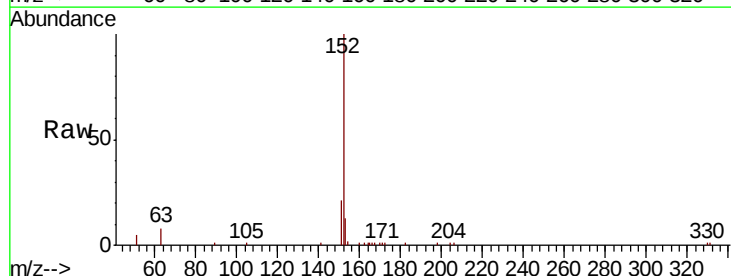
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

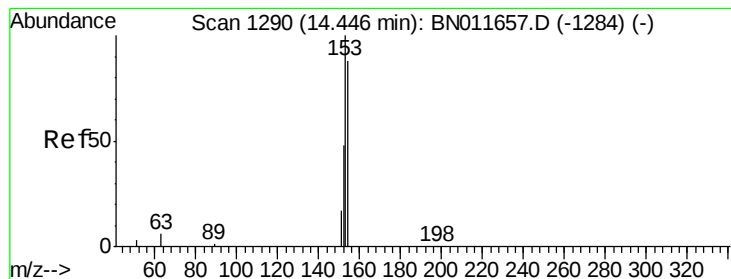
Tot Ion:172 Resp: 7574
Ion Ratio Lower Upper
172 100
171 36.3 30.0 45.0
170 24.1 20.1 30.1



#16
Acenaphthylene
Concen: 0.352 ng
RT: 14.09 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN011689.D
Acq: 03 Sep 2020 09:16

Tgt Ion:152 Resp: 8187
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.364 ng

RT: 14.43 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

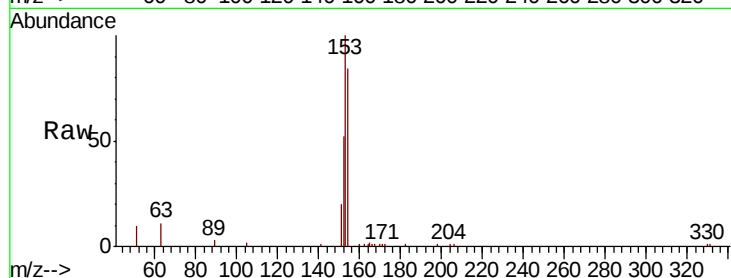
Tot Ion:154 Resp: 5856

Ion Ratio Lower Upper

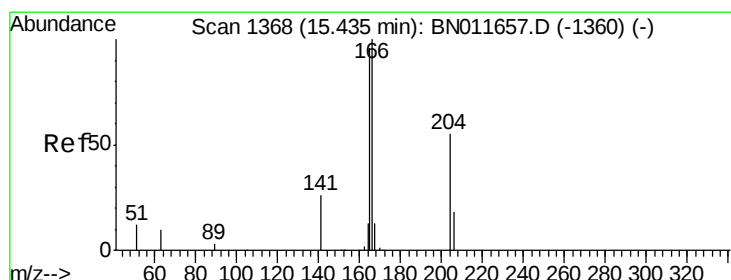
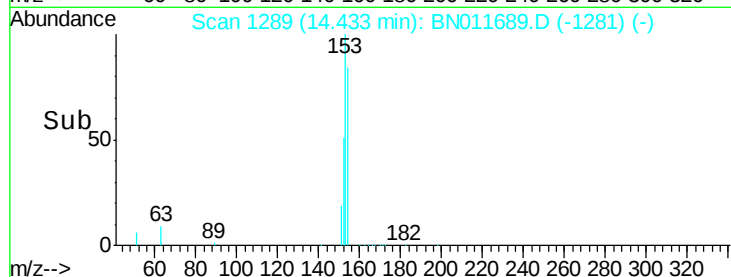
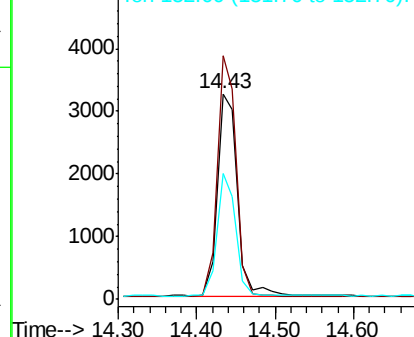
154 100

153 109.6 89.2 133.8

152 55.7 44.1 66.1



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: 0.358 ng

RT: 15.42 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

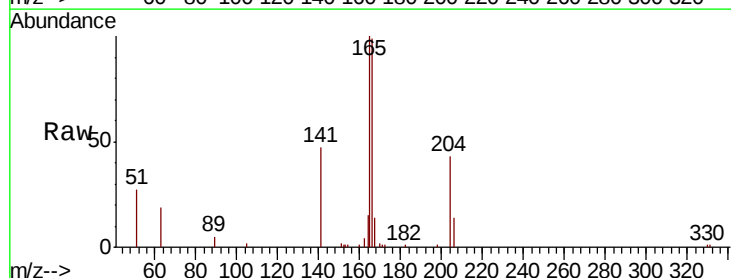
Tgt Ion:166 Resp: 7380

Ion Ratio Lower Upper

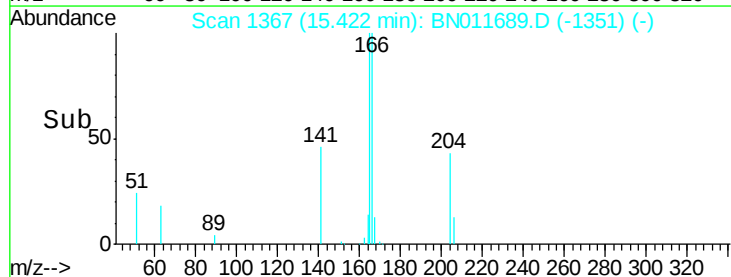
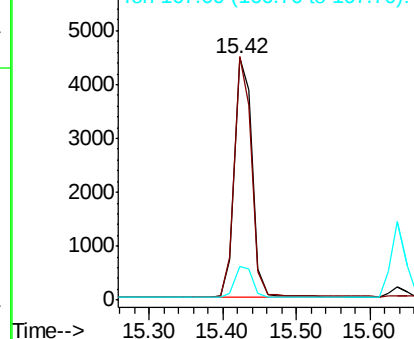
166 100

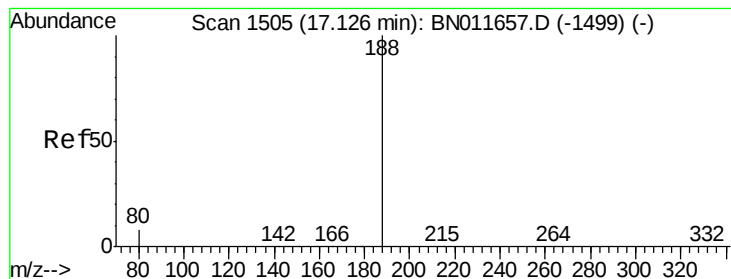
165 97.8 77.7 116.5

167 13.6 11.0 16.4



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: 17.13 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

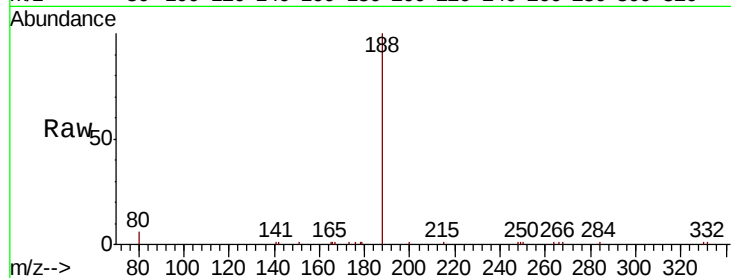
Tot Ion:188 Resp: 10410

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

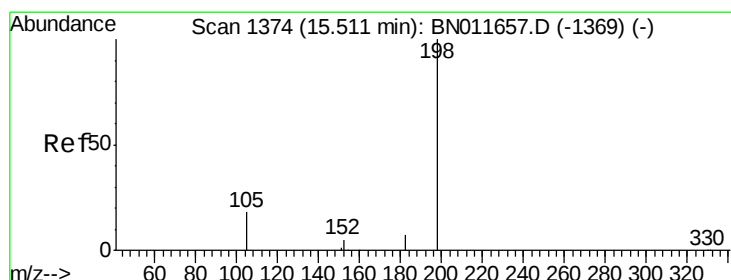
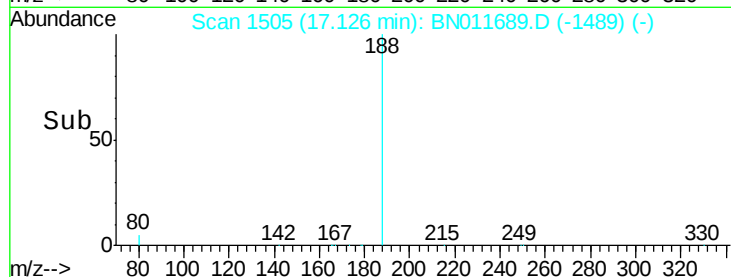
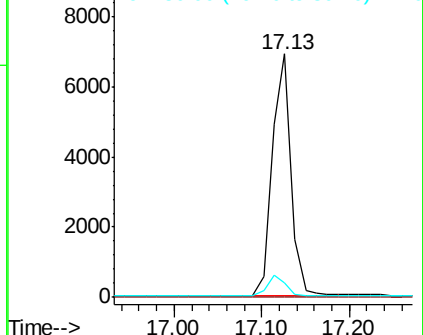
80 5.9 6.6 9.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNA

Ion 80.00 (79.70 to 80.70): BNA



#20

4,6-Dinitro-2-methylphenol

Concen: 0.391 ng

RT: 15.50 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

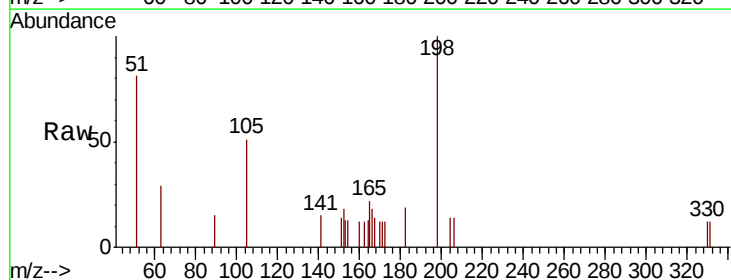
Tgt Ion:198 Resp: 628

Ion Ratio Lower Upper

198 100

51 80.6 58.6 87.8

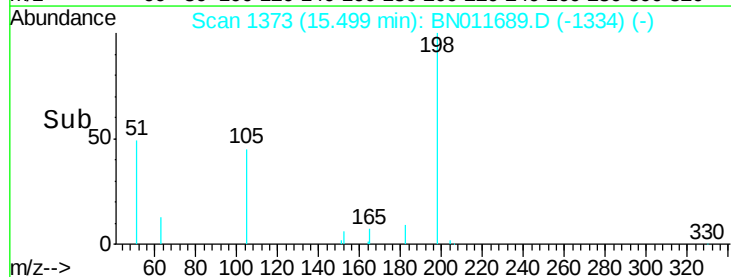
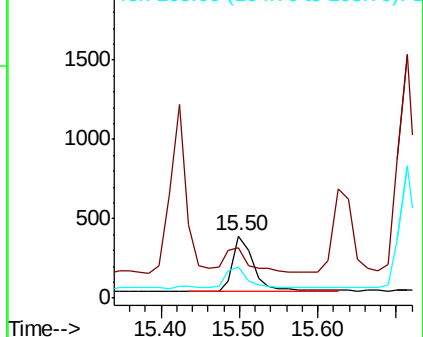
105 51.2 31.7 47.5#

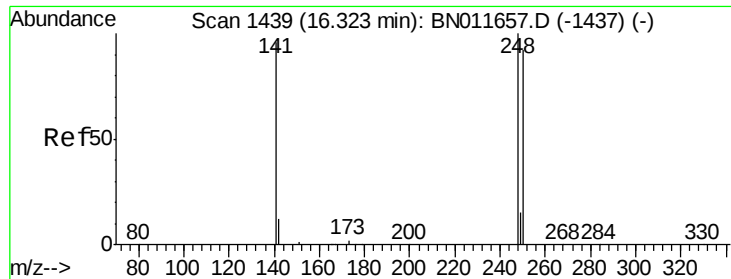


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNA

Ion 105.00 (104.70 to 105.70): E

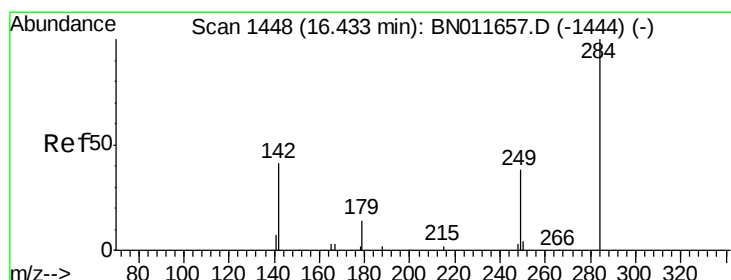
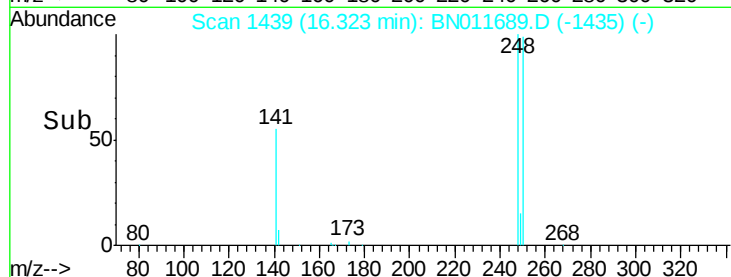
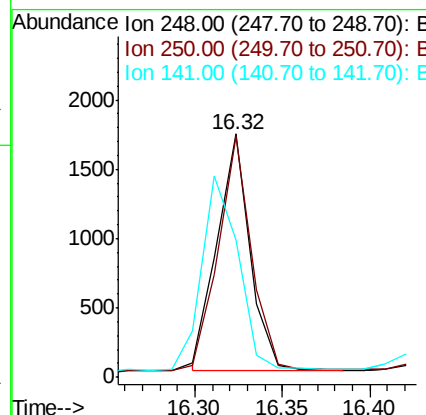
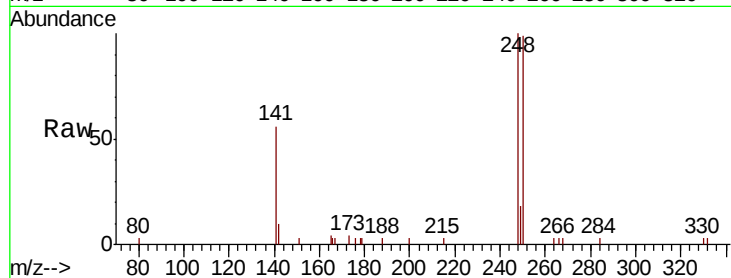




#21
4-Bromophenyl-phenylether
Concen: 0.364 ng
RT: 16.32 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN011689.D
Acq: 03 Sep 2020 09:16

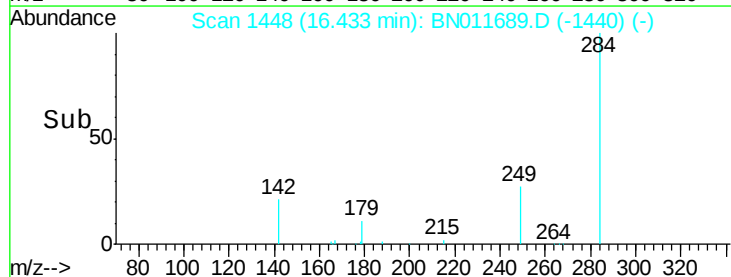
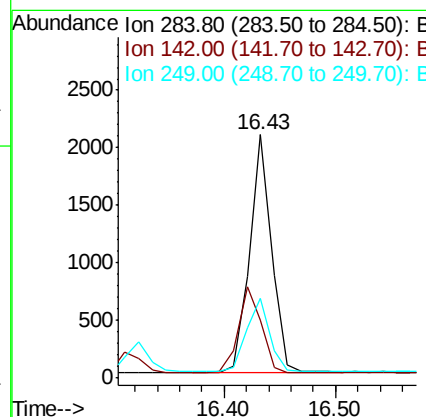
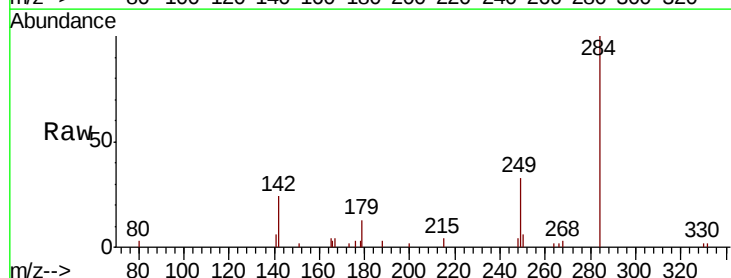
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

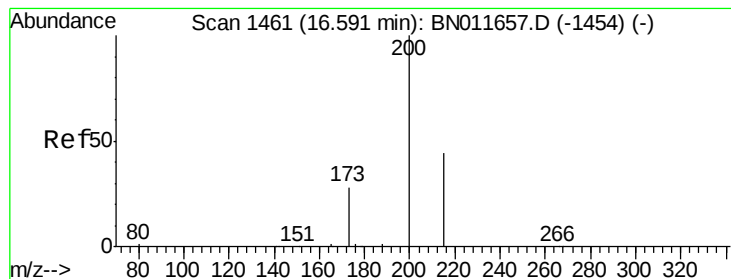
Tot Ion:248 Resp: 2218
Ion Ratio Lower Upper
248 100
250 99.0 73.9 110.9
141 56.2 79.8 119.6#



#22
Hexachlorobenzene
Concen: 0.376 ng
RT: 16.43 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BN011689.D
Acq: 03 Sep 2020 09:16

Tgt Ion:284 Resp: 2832
Ion Ratio Lower Upper
284 100
142 37.4 29.0 43.4
249 31.7 25.7 38.5





#23

Atrazine

Concen: 0.331 ng

RT: 16.59 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

Instrument :

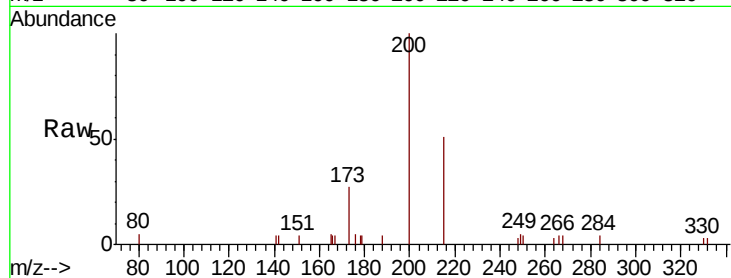
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:200 Resp: 1769

Ion	Ratio	Lower	Upper
200	100		
173	27.2	24.3	36.5
215	50.7	36.4	54.6



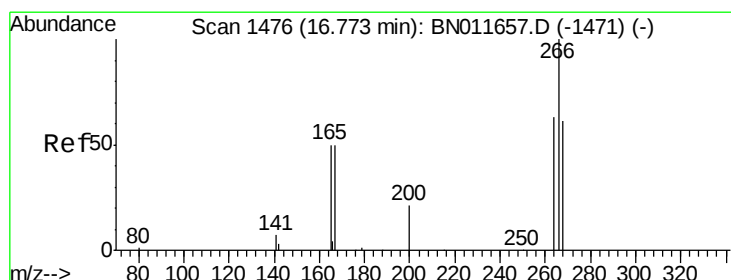
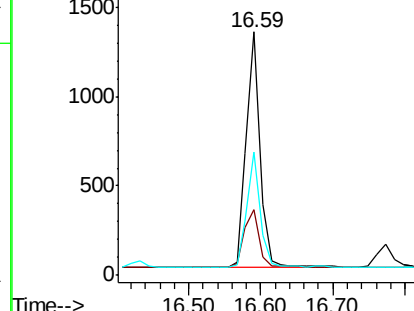
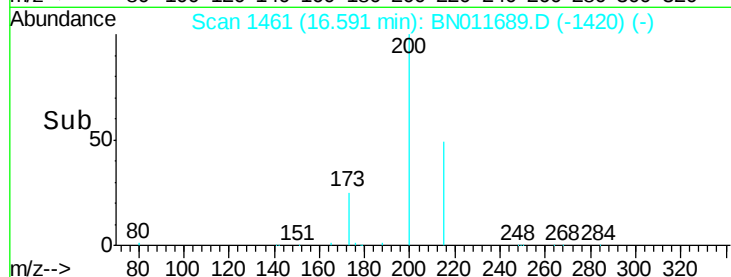
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

16.59



#24

Pentachlorophenol

Concen: 0.355 ng

RT: 16.77 min Scan# 1476

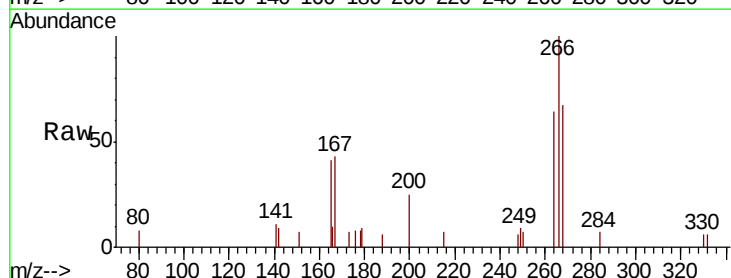
Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

Tgt Ion:266 Resp: 1061

Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.5	74.3
268	68.5	53.0	79.4



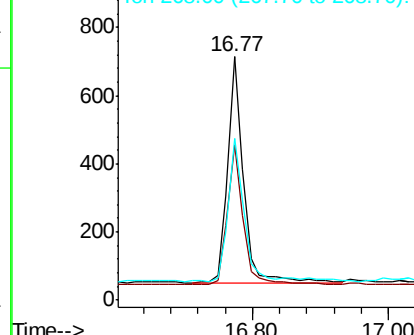
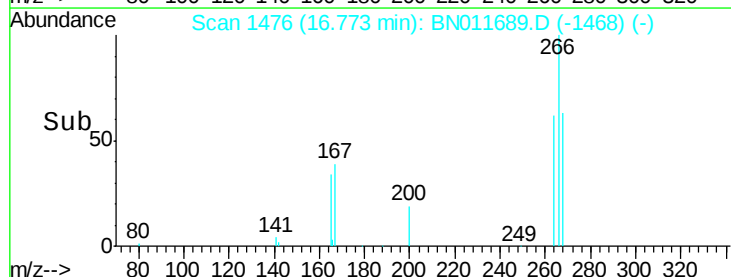
Abundance

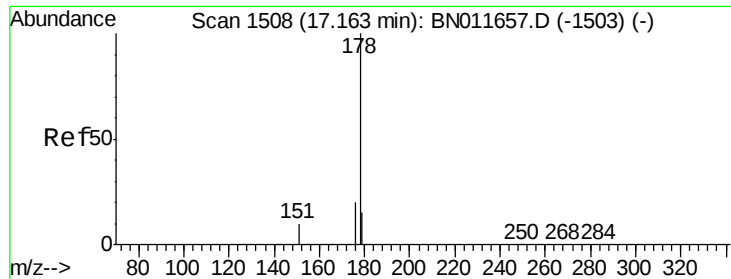
Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.77





#25

Phenanthrene

Concen: 0.361 ng

RT: 17.16 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

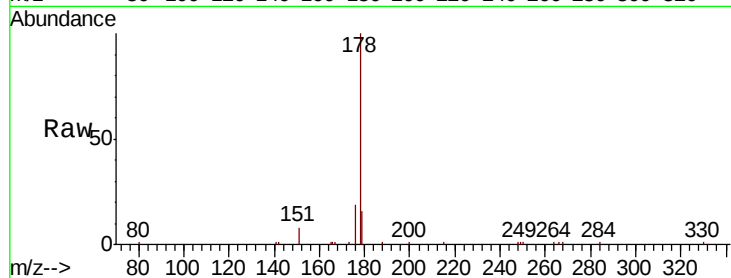
Tot Ion:178 Resp: 12151

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

179 15.5 12.4 18.6



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

12000

10000

8000

6000

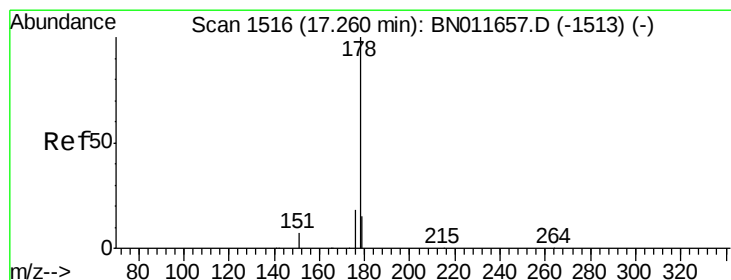
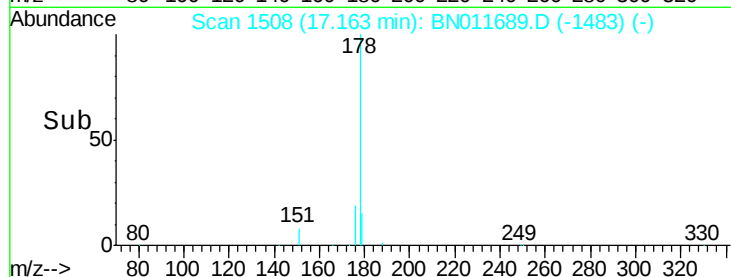
4000

2000

0

17.10 17.20

Time-->



#26

Anthracene

Concen: 0.349 ng

RT: 17.26 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

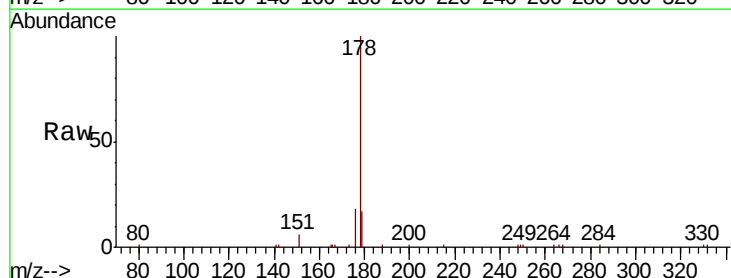
Tgt Ion:178 Resp: 10432

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

179 15.2 12.2 18.4



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

12000

10000

8000

6000

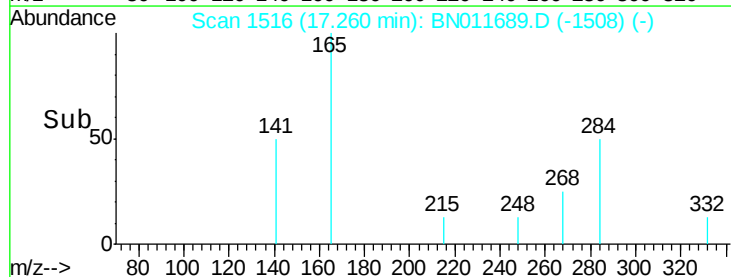
4000

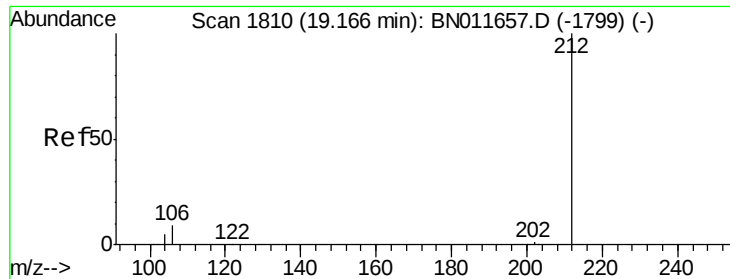
2000

0

17.20 17.30 17.40

Time-->

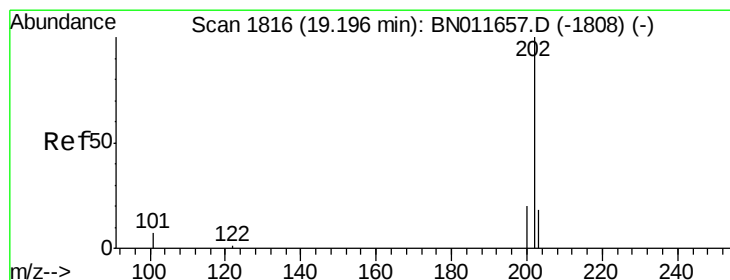
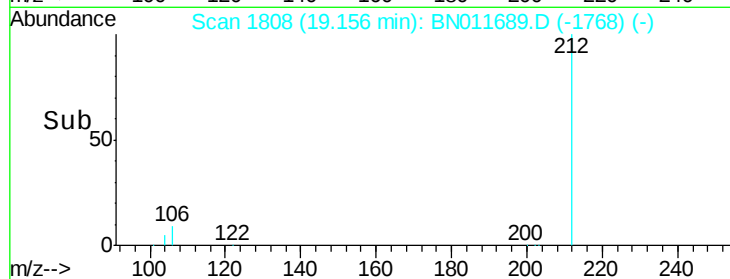
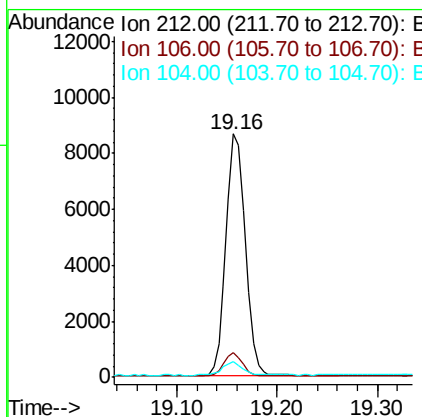
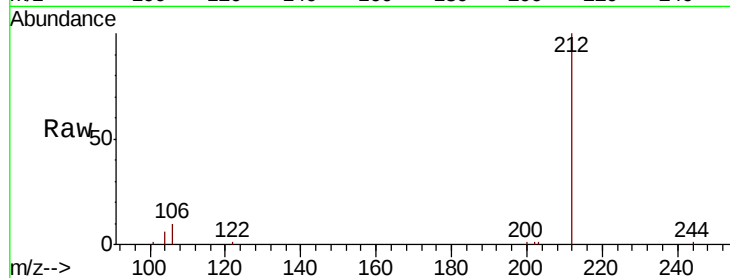




#27
 Fluoranthene-d10
 Concen: 0.348 ng
 RT: 19.16 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: BN011689.D
 Acq: 03 Sep 2020 09:16

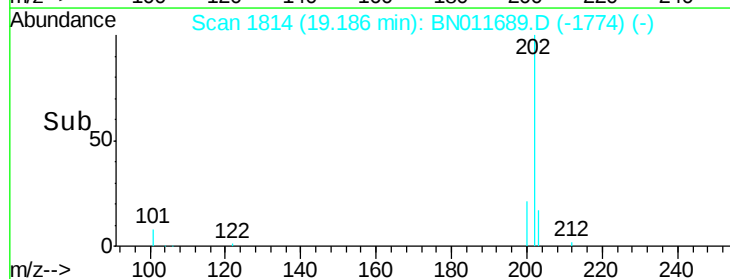
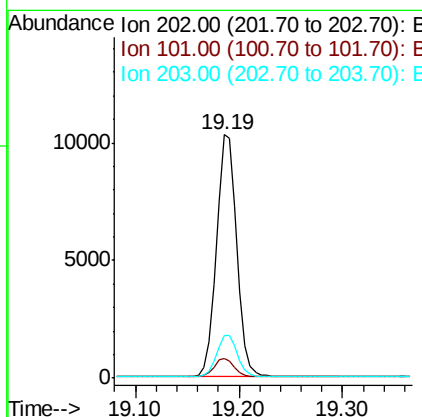
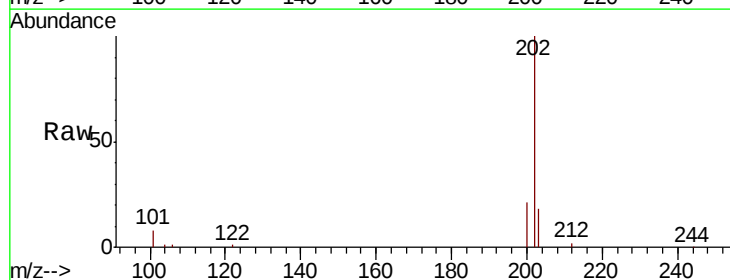
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

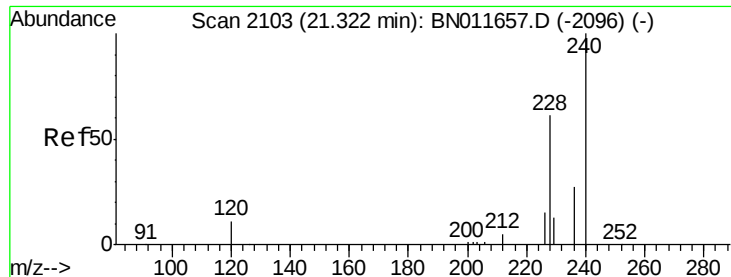
Tot Ion	Ratio	Lower	Upper
212	100		
106	9.0	7.6	11.4
104	5.4	4.6	6.8



#28
 Fluoranthene
 Concen: 0.350 ng
 RT: 19.19 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: BN011689.D
 Acq: 03 Sep 2020 09:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.5	9.7
203	17.2	13.8	20.6

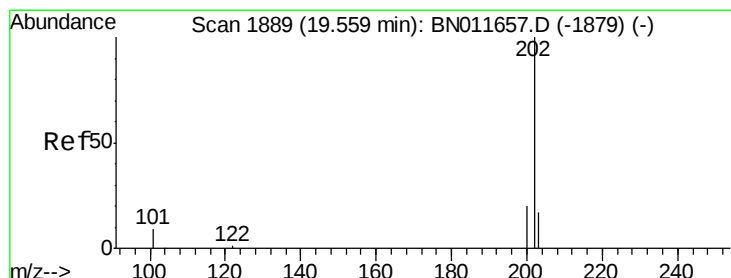
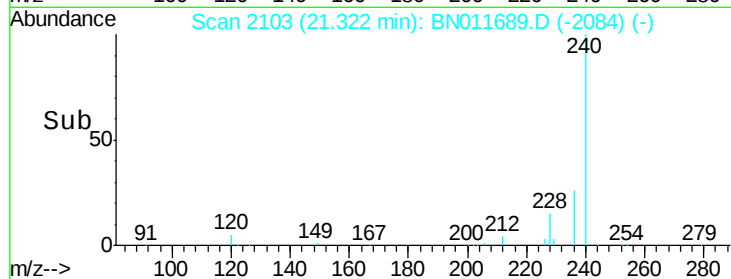
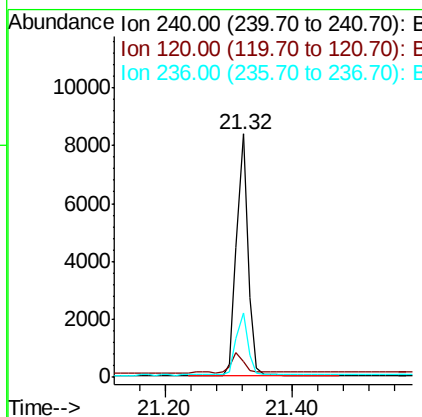
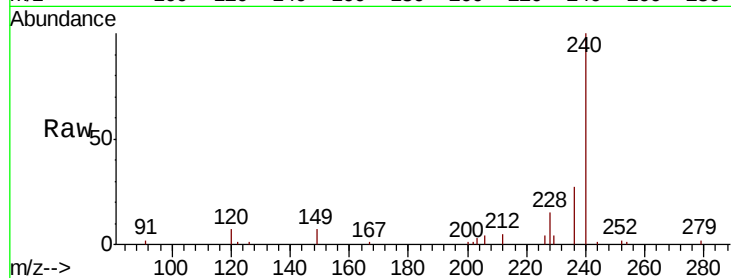




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011689.D
Acq: 03 Sep 2020 09:16

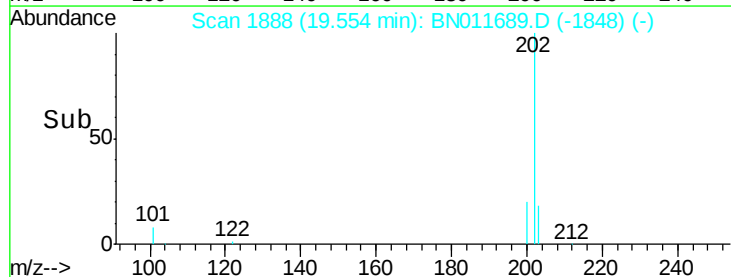
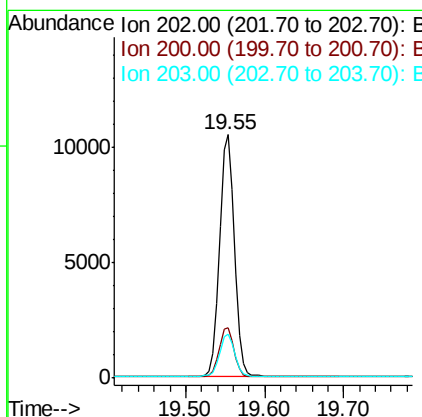
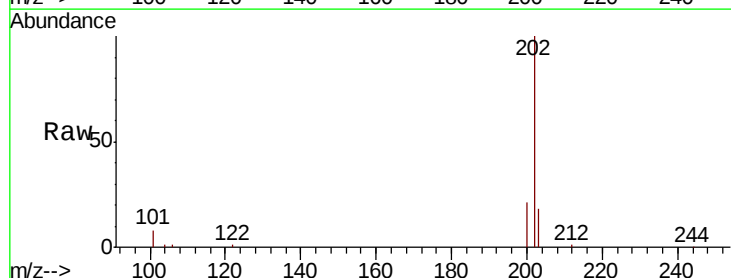
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

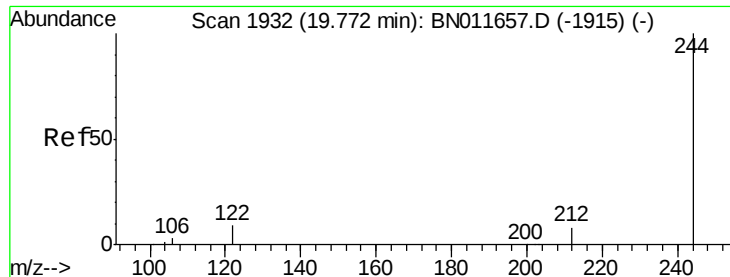
Tot Ion:240 Resp: 10469
Ion Ratio Lower Upper
240 100
120 6.7 9.9 14.9#
236 26.7 22.2 33.4



#30
Pyrene
Concen: 0.385 ng
RT: 19.55 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BN011689.D
Acq: 03 Sep 2020 09:16

Tgt Ion:202 Resp: 14014
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 17.9 14.1 21.1





#31

Terphenyl-d14

Concen: 0.388 ng

RT: 19.76 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

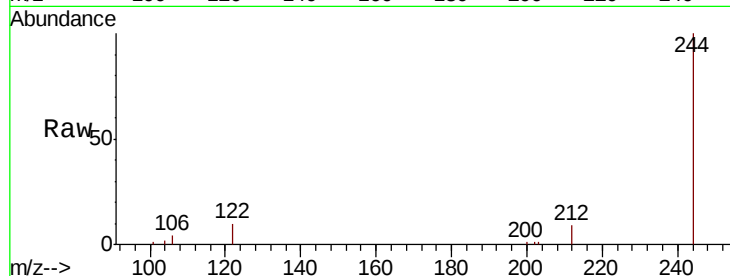
Tot Ion:244 Resp: 10090

Ion Ratio Lower Upper

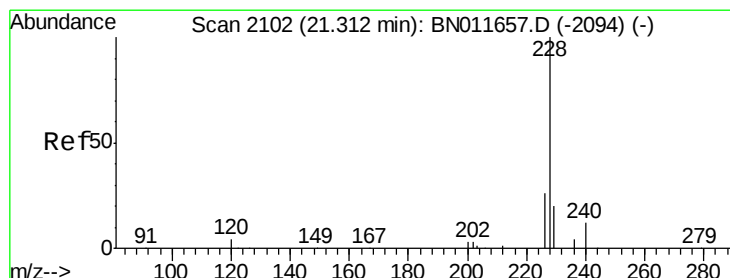
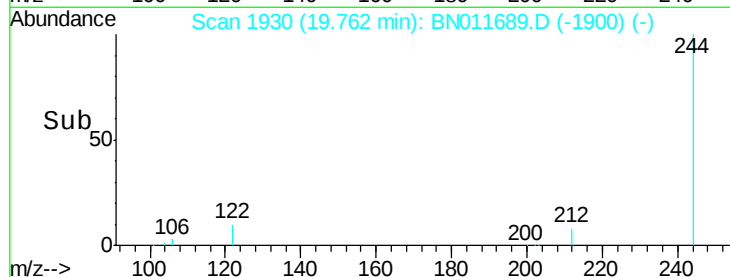
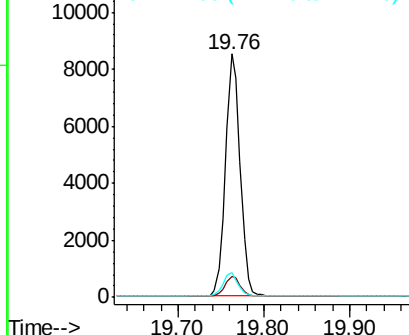
244 100

212 8.6 6.5 9.7

122 10.1 7.4 11.2



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



#32

Benzo(a)anthracene

Concen: 0.362 ng

RT: 21.30 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

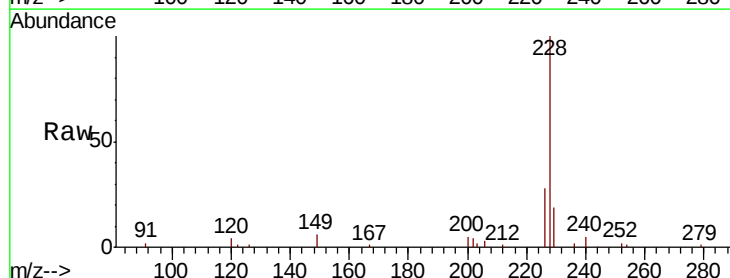
Tgt Ion:228 Resp: 13527

Ion Ratio Lower Upper

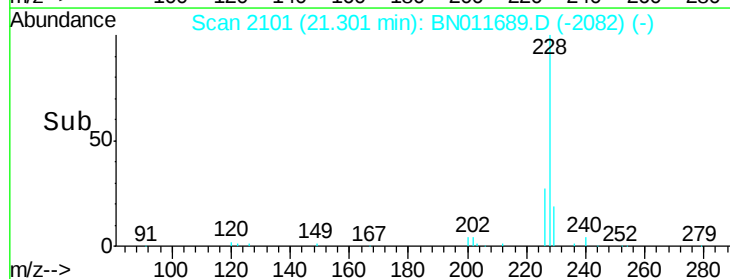
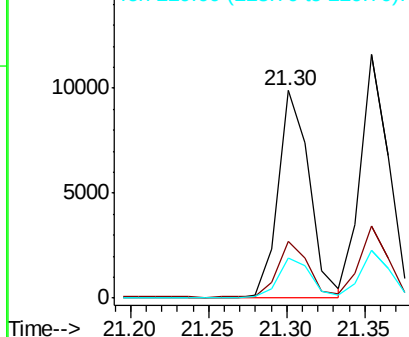
228 100

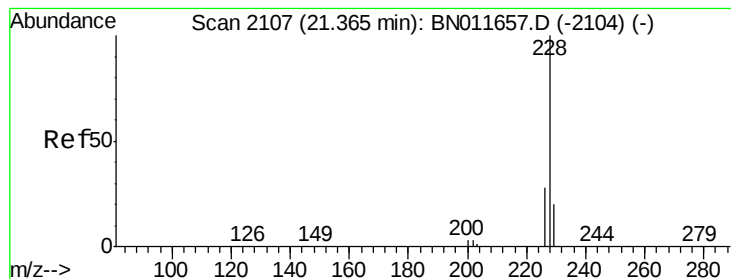
226 27.5 21.2 31.8

229 19.1 16.0 24.0



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





#33

Chrysene

Concen: 0.377 ng

RT: 21.35 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

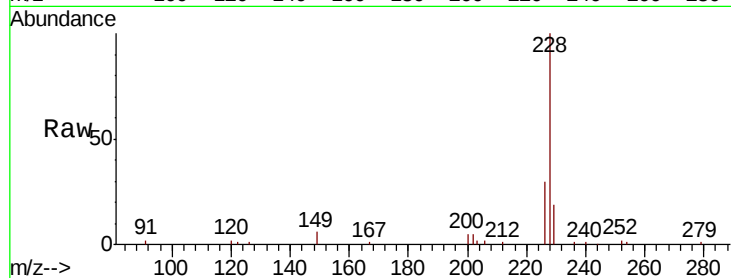
Tot Ion:228 Resp: 14554

Ion Ratio Lower Upper

228 100

226 29.8 22.7 34.1

229 19.5 15.9 23.9



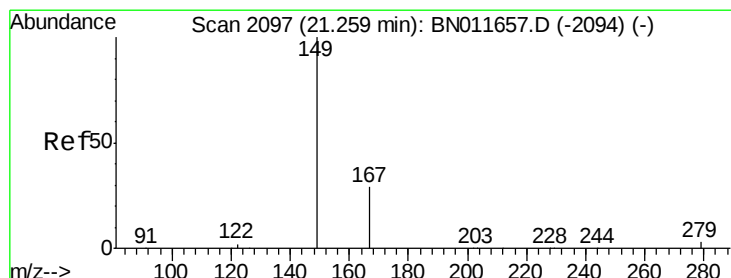
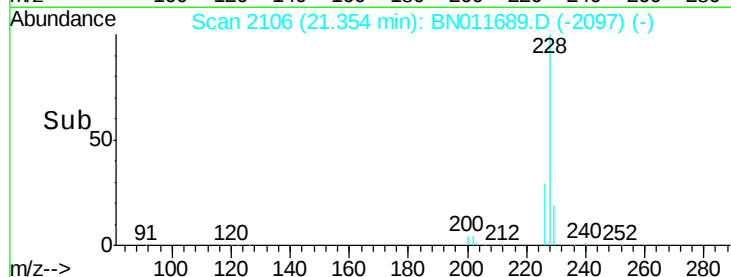
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.35

Time-->



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.373 ng

RT: 21.25 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

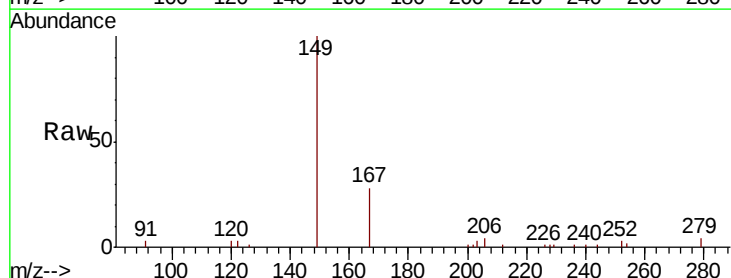
Tgt Ion:149 Resp: 5670

Ion Ratio Lower Upper

149 100

167 28.8 23.2 34.8

279 5.1 4.0 6.0



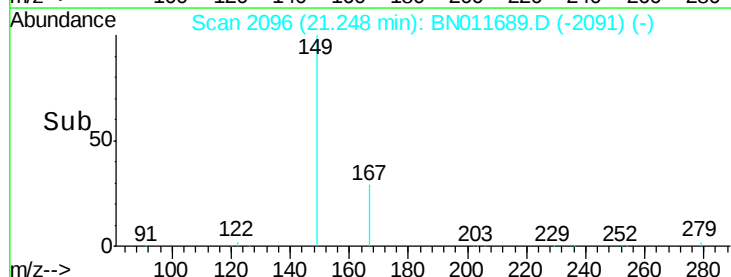
Abundance Ion 149.00 (148.70 to 149.70): E

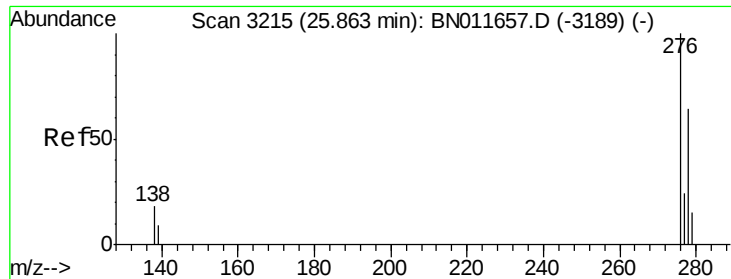
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.25

Time-->

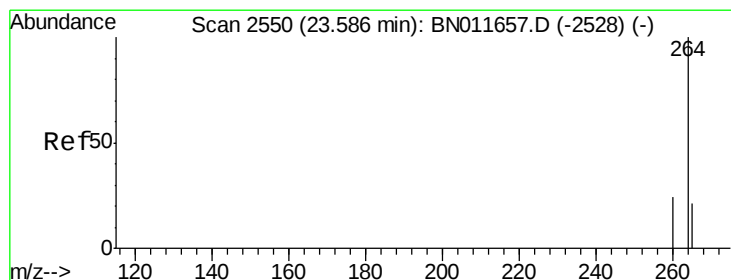
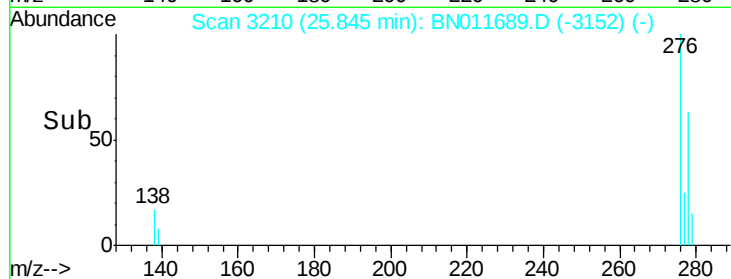
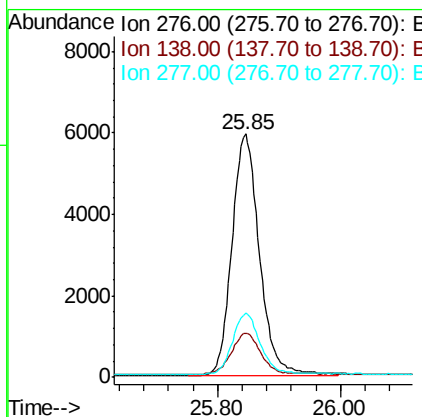
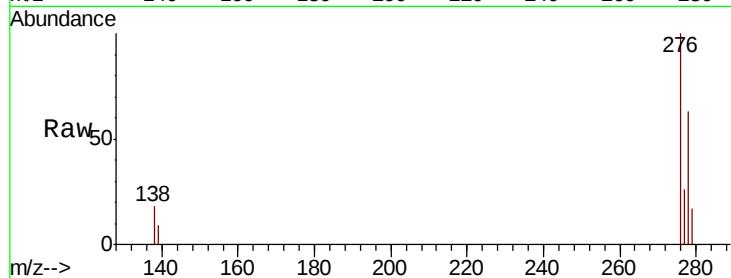




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.366 ng
 RT: 25.85 min Scan# 3210
 Delta R.T. 0.00 min
 Lab File: BN011689.D
 Acq: 03 Sep 2020 09:16

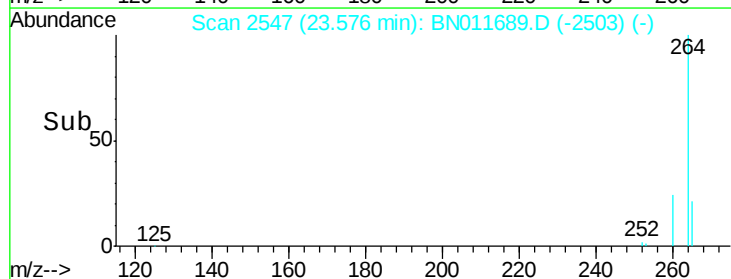
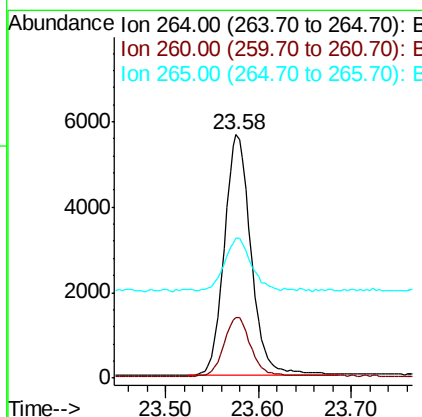
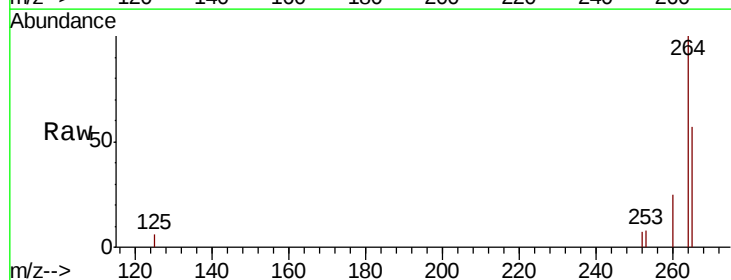
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

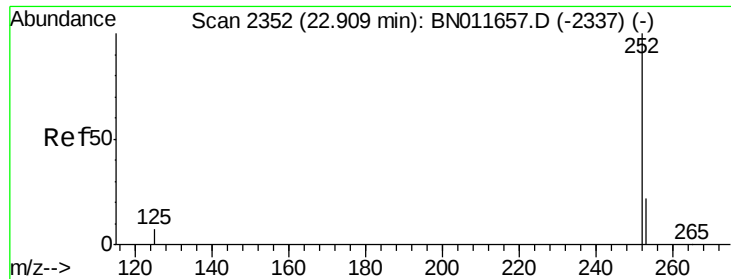
Tot Ion:276 Resp: 18419
 Ion Ratio Lower Upper
 276 100
 138 18.3 15.4 23.2
 277 25.2 20.1 30.1



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.58 min Scan# 2547
 Delta R.T. 0.00 min
 Lab File: BN011689.D
 Acq: 03 Sep 2020 09:16

Tgt Ion:264 Resp: 11344
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.8 29.6
 265 57.2 38.9 58.3





#37

Benzo(b)fluoranthene

Concen: 0.353 ng

RT: 22.90 min Scan# 2349

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

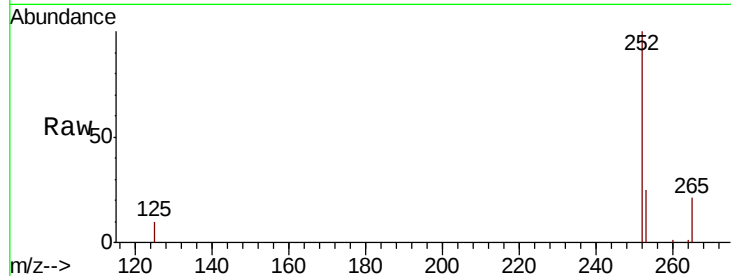
Tot Ion:252 Resp: 15343

Ion Ratio Lower Upper

252 100

253 25.1 19.7 29.5

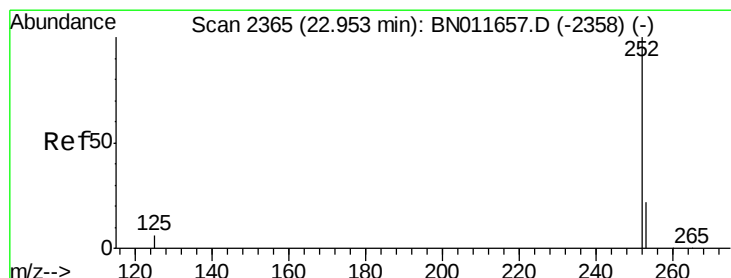
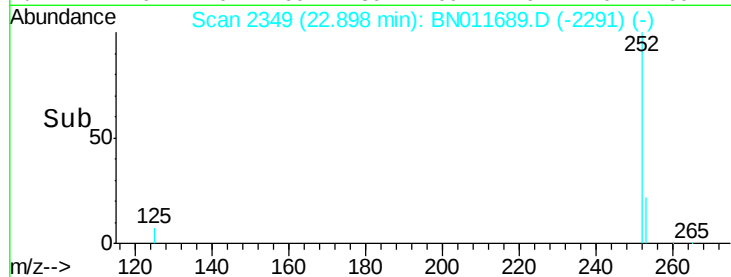
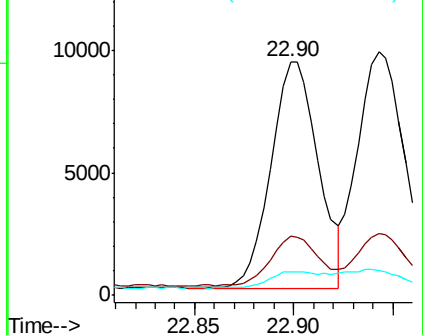
125 10.1 7.8 11.8



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

Benzo(k)fluoranthene

Concen: 0.367 ng

RT: 22.94 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

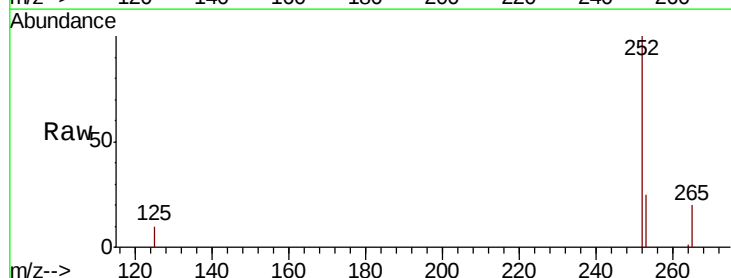
Tgt Ion:252 Resp: 16309

Ion Ratio Lower Upper

252 100

253 25.3 19.4 29.0

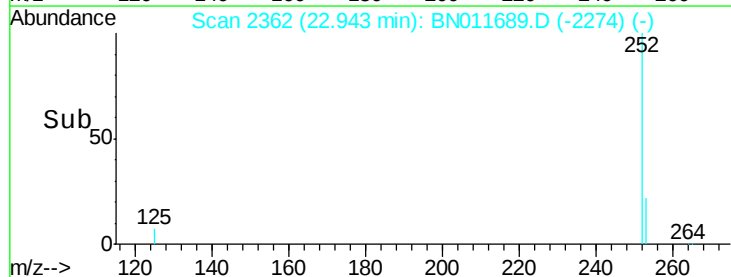
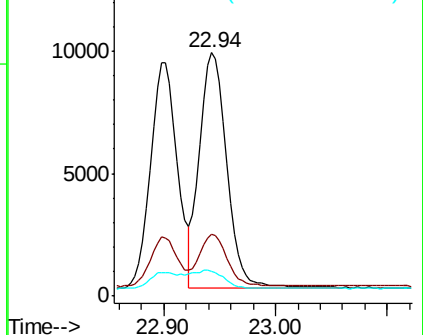
125 10.2 8.4 12.6

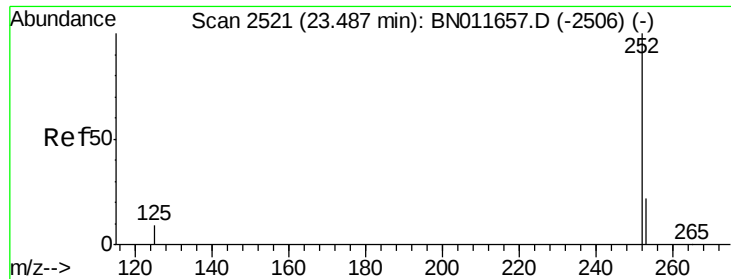


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.346 ng

RT: 23.48 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

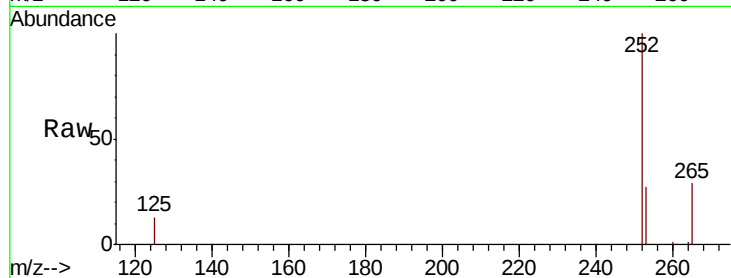
Tot Ion:252 Resp: 13465

Ion Ratio Lower Upper

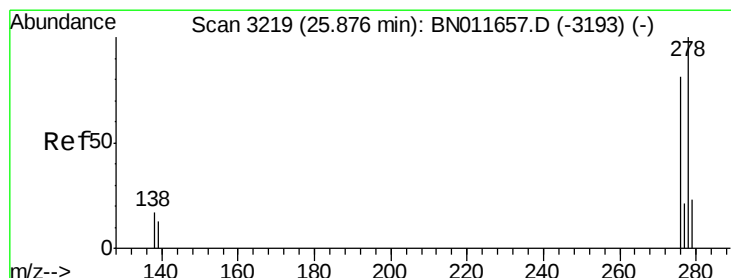
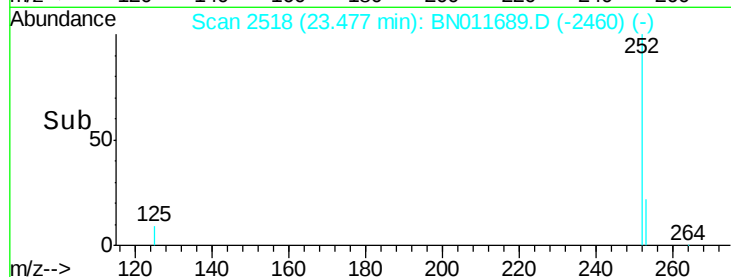
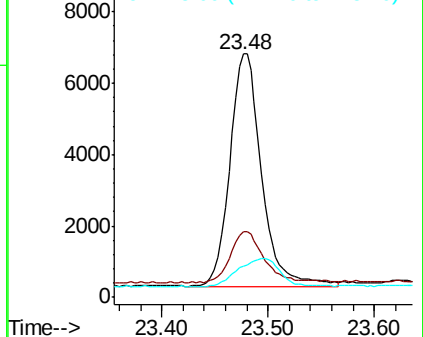
252 100

253 26.8 20.3 30.5

125 13.0 9.8 14.6



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



#40

Dibenzo(a,h)anthracene

Concen: 0.346 ng

RT: 25.86 min Scan# 3214

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

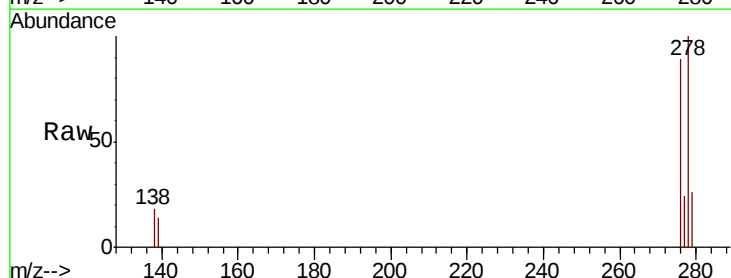
Tgt Ion:278 Resp: 15181

Ion Ratio Lower Upper

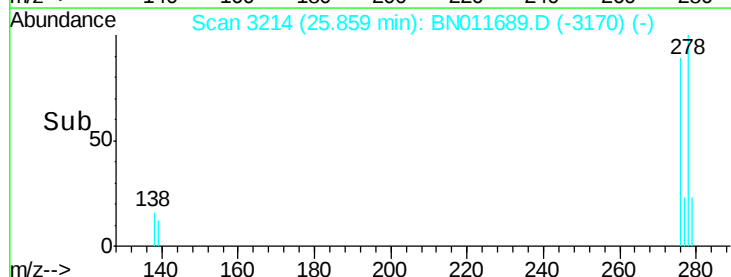
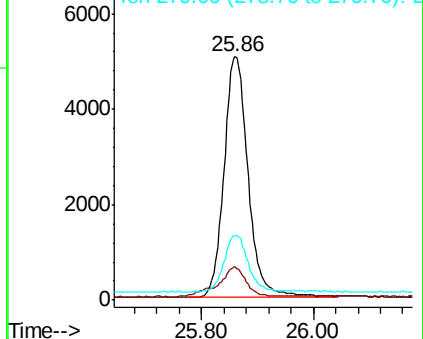
278 100

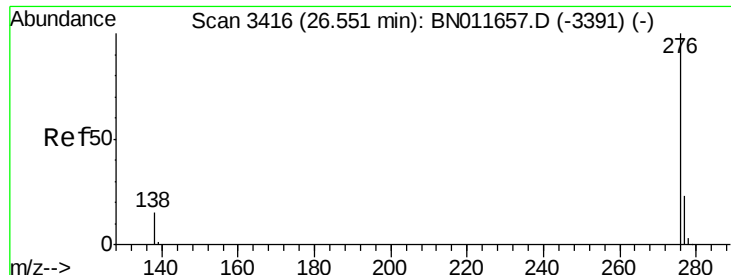
139 13.7 11.0 16.6

279 26.3 20.5 30.7



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





#41

Benzo(a,h,i)perylene

Concen: 0.337 ng

RT: 26.54 min Scan# 3412

Delta R.T. 0.00 min

Lab File: BN011689.D

Acq: 03 Sep 2020 09:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

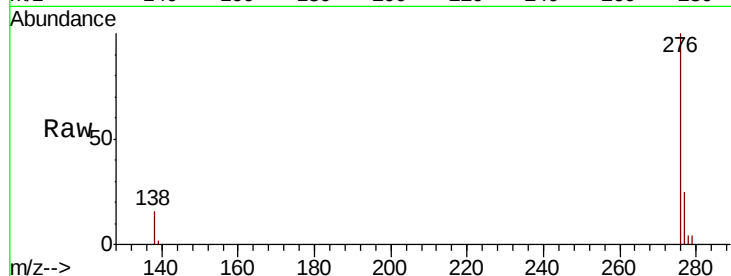
Tot Ion:276 Resp: 14500

Ion Ratio Lower Upper

276 100

277 25.2 19.7 29.5

138 16.2 13.4 20.2



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

