

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
 Data File : BN004935.D
 Acq On : 24 Mar 2019 12:54
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 25 02:55:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	2824	0.40	ng	-0.02
7) Naphthalene-d8	10.47	136	10941	0.40	ng	-0.03
13) Acenaphthene-d10	14.32	164	6002	0.40	ng	-0.02
19) Phenanthrene-d10	17.08	188	13313	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	17003	0.40	ng	-0.01
34) Perylene-d12	23.52	264	16791	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	3724	0.49	ng	-0.02
5) Phenol-d6	6.86	99	4343	0.45	ng	-0.02
8) Nitrobenzene-d5	8.84	82	3667	0.51	ng	-0.03
11) 2-Methylnaphthalene-d10	12.06	152	7519	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.83	330	1695	0.41	ng	-0.02
15) 2-Fluorobiphenyl	12.94	172	11460	0.46	ng	-0.02
25) Fluoranthene-d10	19.11	212	17487	0.39	ng	-0.02
29) Terphenyl-d14	19.71	244	16039	0.46	ng	-0.02

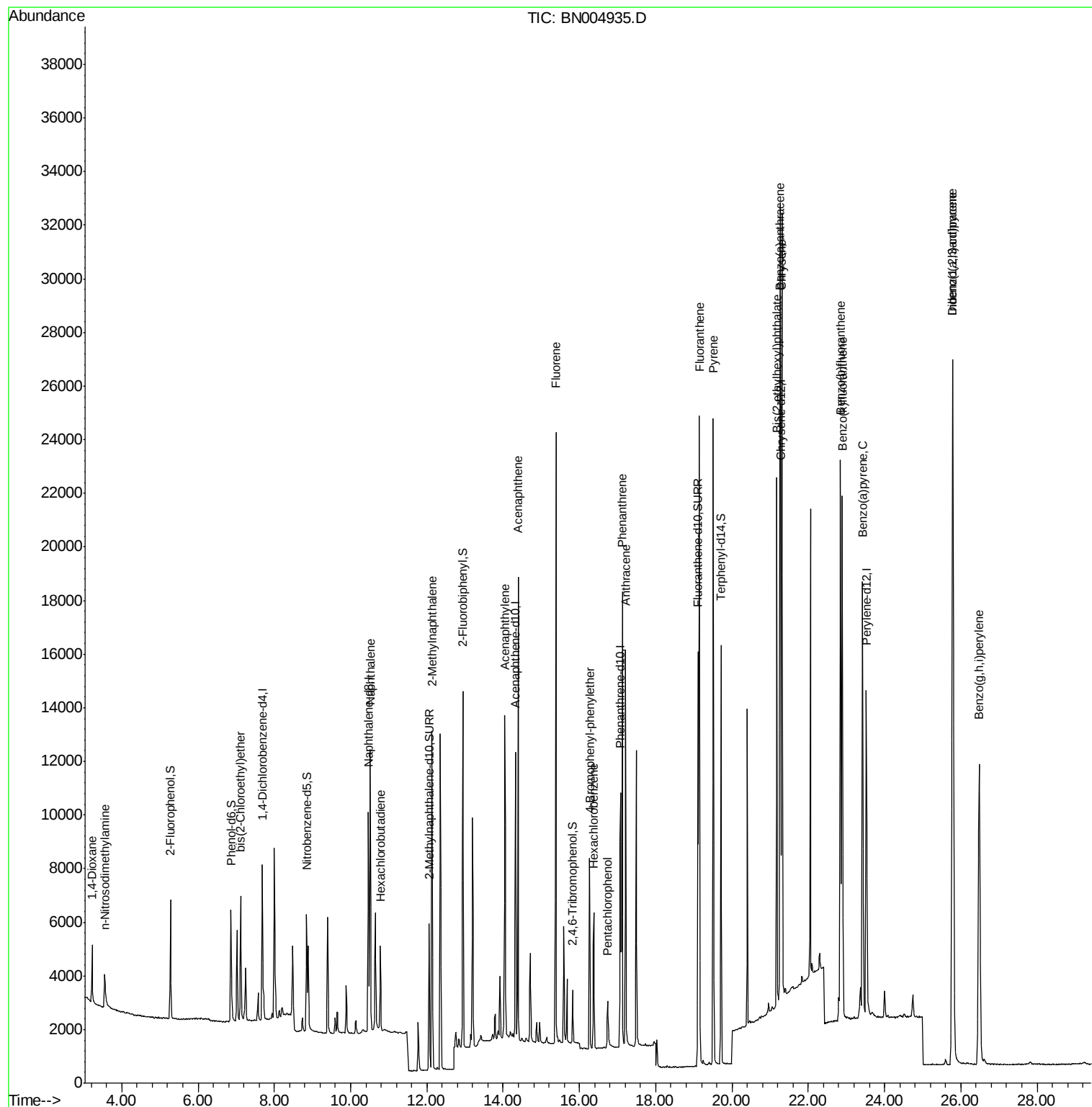
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1610	0.502	ng	99
3) n-Nitrosodimethylamine	3.55	42	1042	0.549	ng	# 99
6) bis(2-Chloroethyl)ether	7.12	93	3855	0.447	ng	99
9) Naphthalene	10.52	128	13480	0.439	ng	98
10) Hexachlorobutadiene	10.78	225	2474	0.423	ng	# 98
12) 2-Methylnaphthalene	12.14	142	9120	0.400	ng	100
16) Acenaphthylene	14.04	152	13510	0.437	ng	100
17) Acenaphthene	14.39	154	8602	0.425	ng	100
18) Fluorene	15.38	166	11166	0.395	ng	100
20) 4-Bromophenyl-phenylether	16.27	248	3849	0.443	ng	# 87
21) Hexachlorobenzene	16.38	284	4047	0.407	ng	94
22) Pentachlorophenol	16.74	266	1091	0.560	ng	97
23) Phenanthrene	17.12	178	17994	0.419	ng	99
24) Anthracene	17.21	178	16267	0.424	ng	100
26) Fluoranthene	19.15	202	21875	0.396	ng	98
28) Pyrene	19.51	202	22425	0.433	ng	100
30) Benzo(a)anthracene	21.26	228	23074	0.414	ng	98
31) Chrysene	21.31	228	23437	0.399	ng	98
32) Bis(2-ethylhexyl)phthalate	21.17	149	16303	0.732	ng	99
33) Indeno(1,2,3-cd)pyrene	25.79	276	30157	0.355	ng	97
35) Benzo(b)fluoranthene	22.85	252	26089	0.430	ng	# 97
36) Benzo(k)fluoranthene	22.89	252	24337	0.407	ng	# 97
37) Benzo(a)pyrene	23.42	252	22468	0.403	ng	# 96
38) Dibenzo(a,h)anthracene	25.79	278	24907	0.386	ng	# 97
39) Benzo(g,h,i)perylene	26.48	276	24795	0.377	ng	97

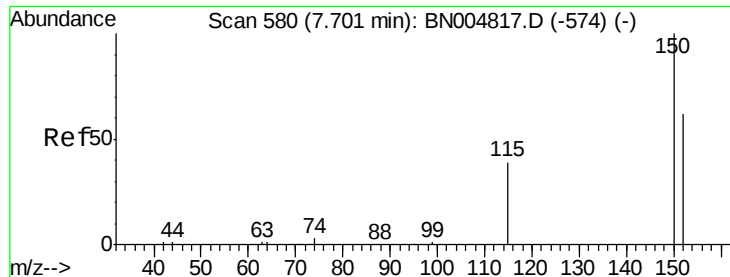
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 20 16:06:20 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.68 min Scan# 578

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

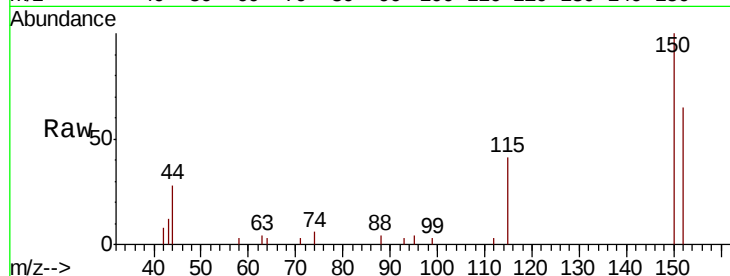
Tgt Ion:152 Resp: 2824

Ion Ratio Lower Upper

152 100

150 154.9 126.2 189.4

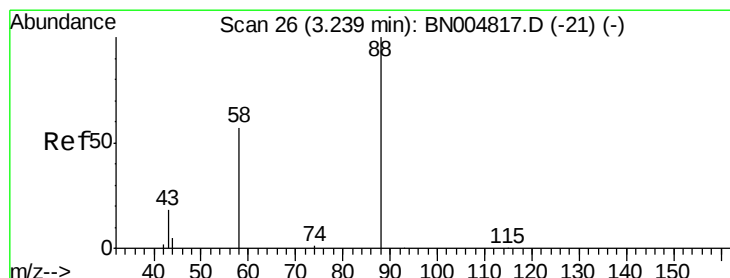
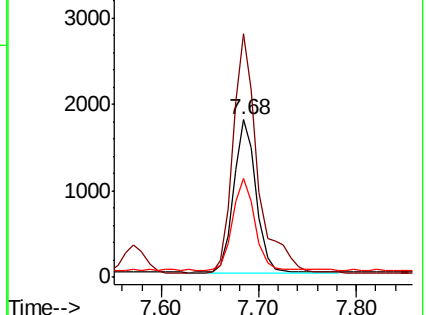
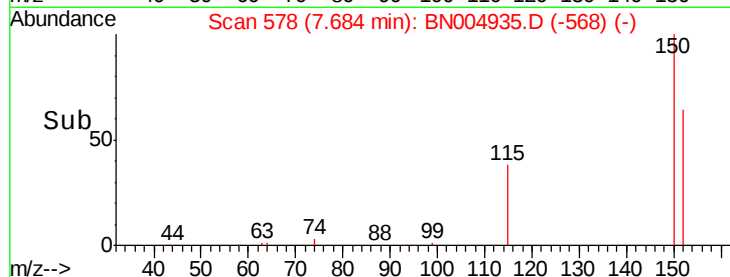
115 62.8 52.6 79.0



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: 0.502 ng

RT: 3.22 min Scan# 24

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

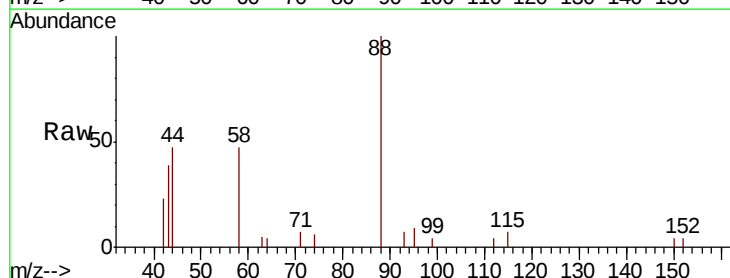
Tgt Ion: 88 Resp: 1610

Ion Ratio Lower Upper

88 100

58 64.2 51.4 77.2

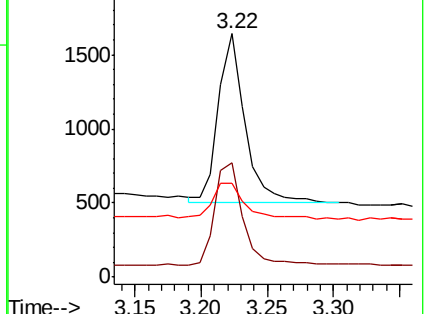
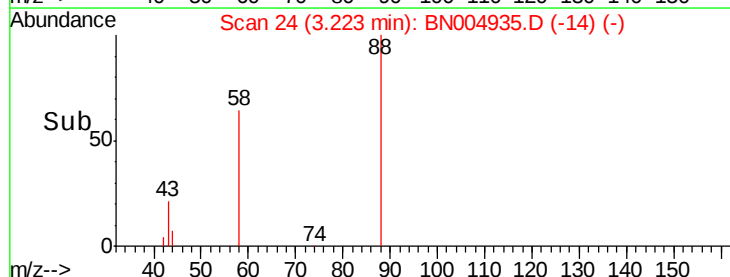
43 26.8 20.0 30.0

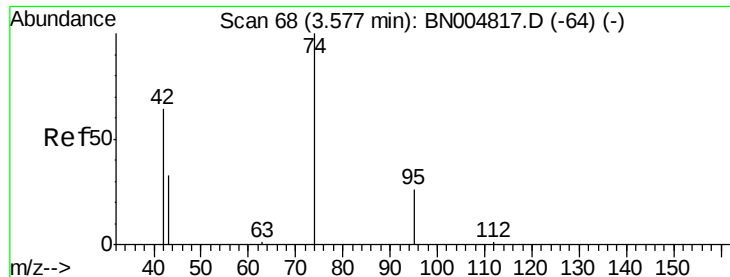


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.549 ng

RT: 3.55 min Scan# 65

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

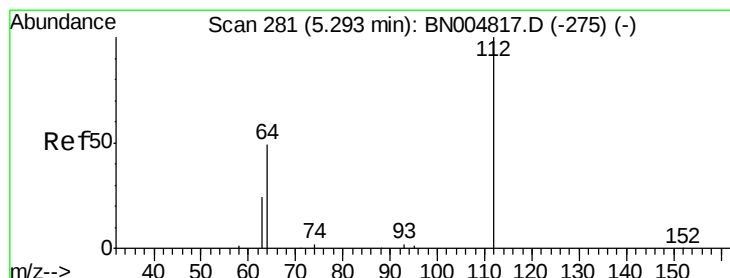
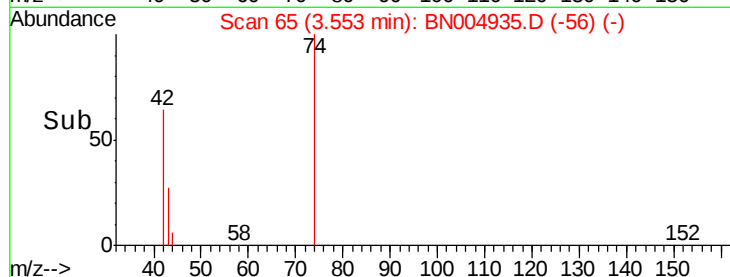
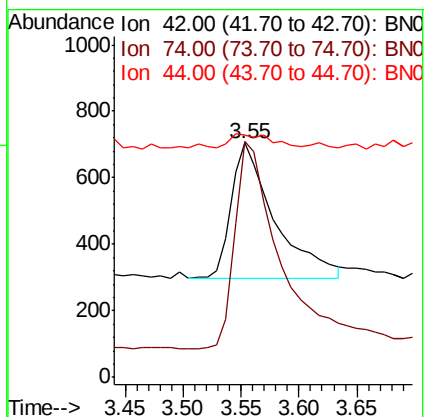
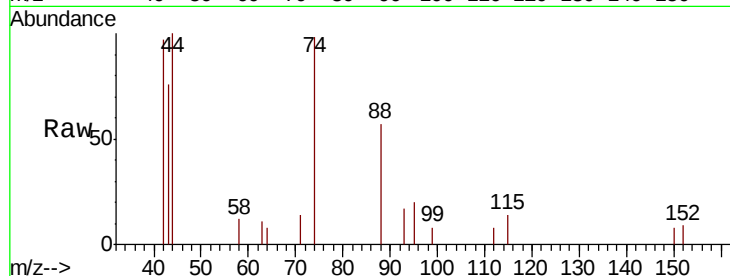
Tgt Ion: 42 Resp: 1042

Ion Ratio Lower Upper

42 100

74 159.6 128.4 192.6

44 9.7 6.1 9.1#



#4

2-Fluorophenol

Concen: 0.485 ng

RT: 5.28 min Scan# 279

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

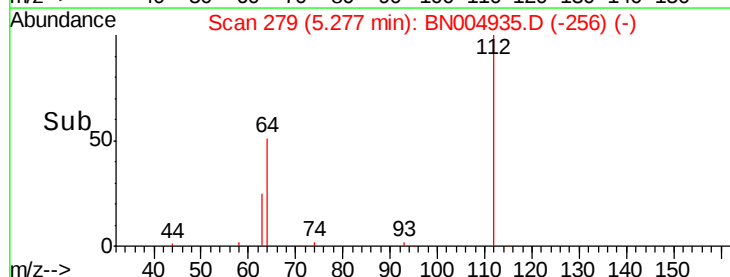
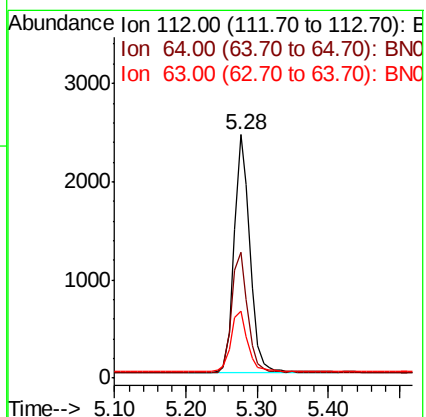
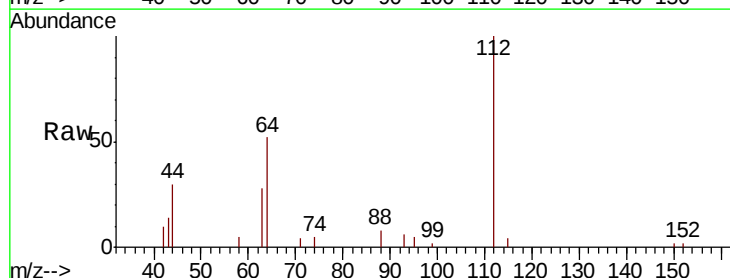
Tgt Ion: 112 Resp: 3724

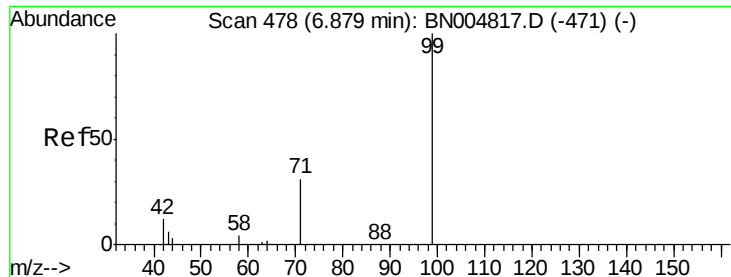
Ion Ratio Lower Upper

112 100

64 52.1 40.0 60.0

63 26.5 20.2 30.2





#5

Phenol-d6

Concen: 0.454 ng

RT: 6.86 min Scan# 476

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

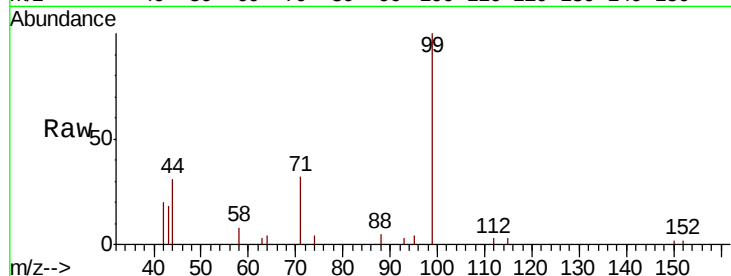
Tgt Ion: 99 Resp: 4343

Ion Ratio Lower Upper

99 100

42 15.9 12.7 19.1

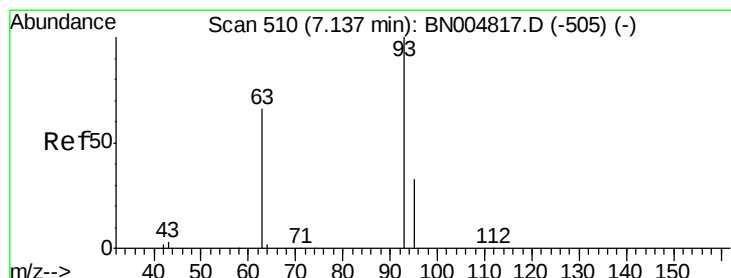
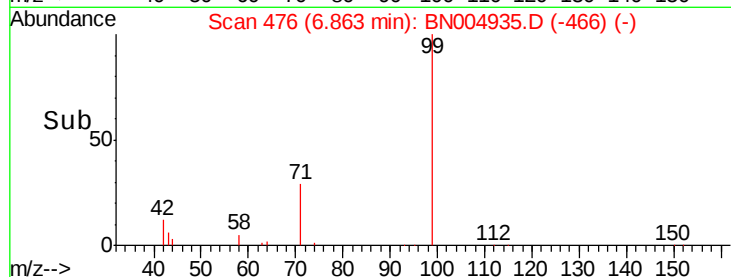
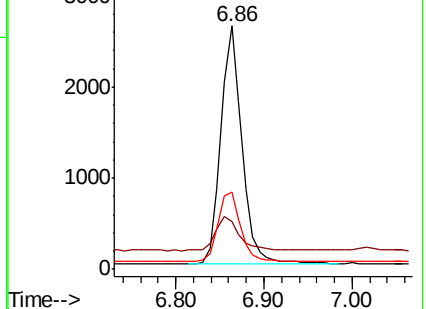
71 31.4 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-471) (-)

Ion 42.00 (41.70 to 42.70): BN004817.D (-471) (-)

Ion 71.00 (70.70 to 71.70): BN004817.D (-471) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.447 ng

RT: 7.12 min Scan# 508

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

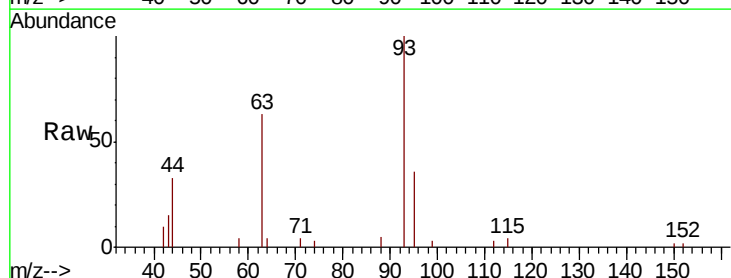
Tgt Ion: 93 Resp: 3855

Ion Ratio Lower Upper

93 100

63 66.9 52.6 78.8

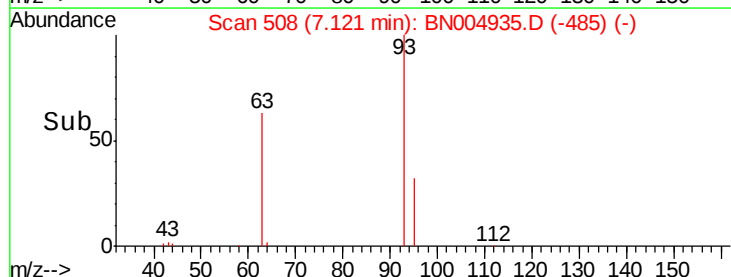
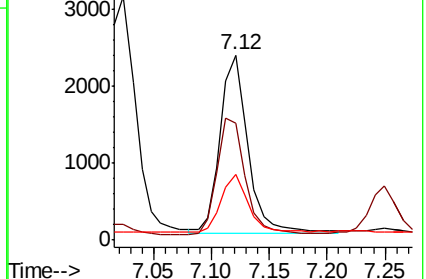
95 32.0 25.9 38.9

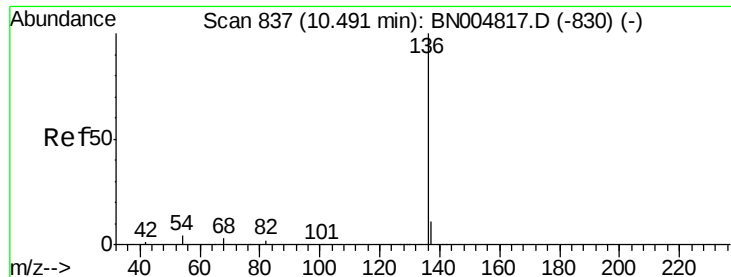


Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-505) (-)

Ion 63.00 (62.70 to 63.70): BN004817.D (-505) (-)

Ion 95.00 (94.70 to 95.70): BN004817.D (-505) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.03 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 10941

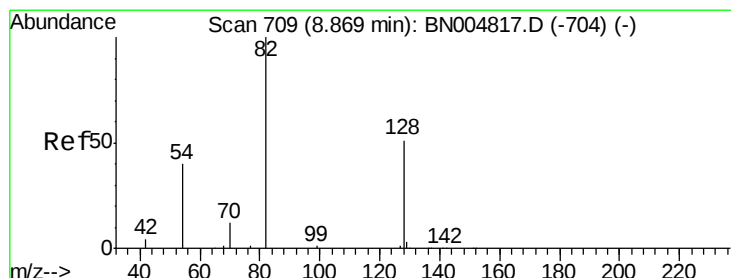
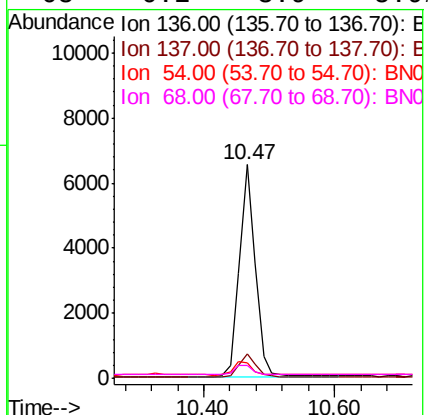
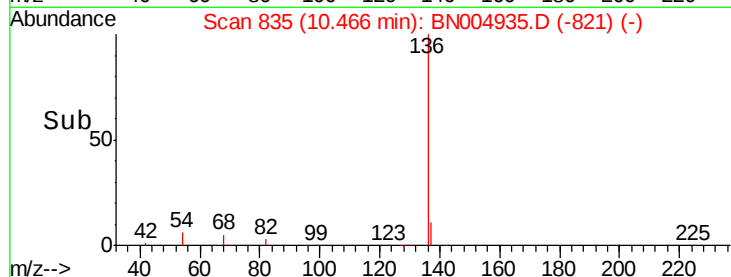
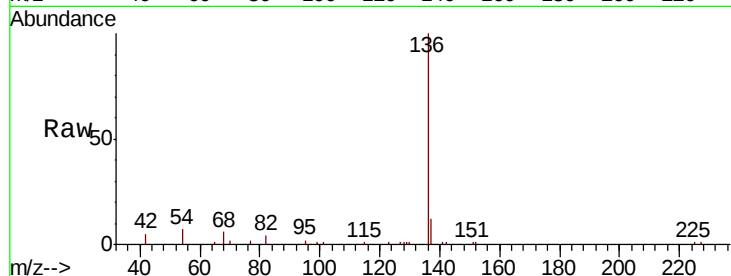
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 7.1 4.2 6.2#

68 6.2 3.9 5.9#



#8

Nitrobenzene-d5

Concen: 0.507 ng

RT: 8.84 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

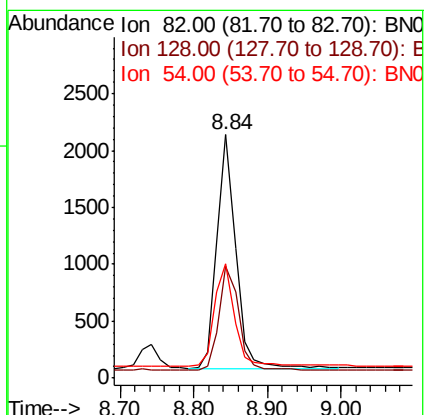
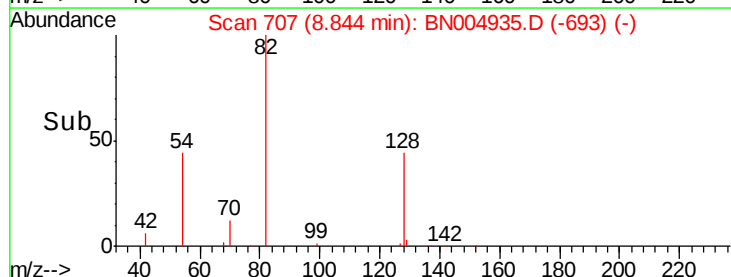
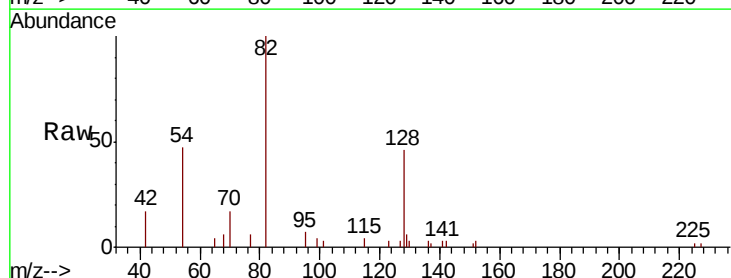
Tgt Ion: 82 Resp: 3667

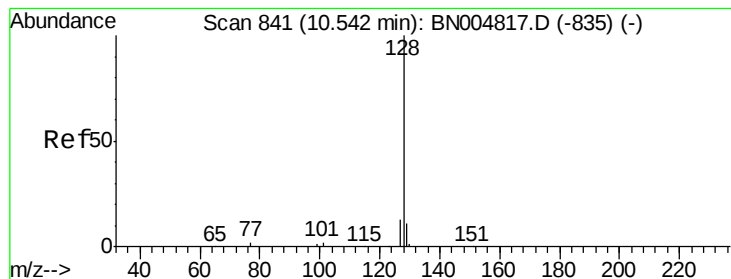
Ion Ratio Lower Upper

82 100

128 45.9 43.0 64.6

54 46.8 35.3 52.9





#9

Naphthalene

Concen: 0.439 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.03 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

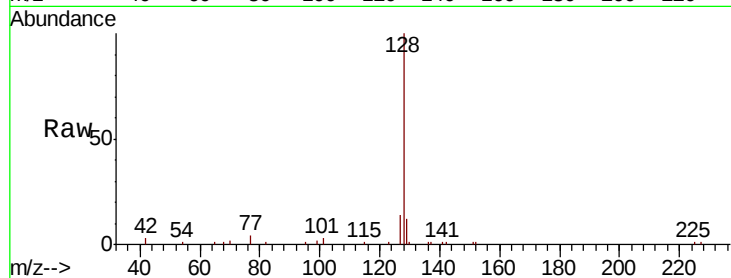
Tgt Ion:128 Resp: 13480

Ion Ratio Lower Upper

128 100

129 11.6 9.9 14.9

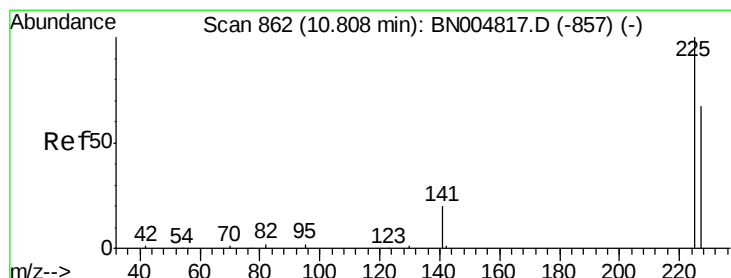
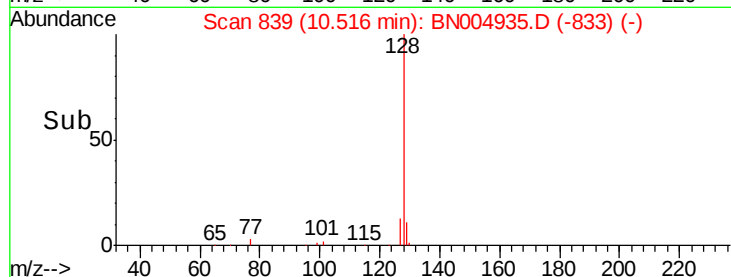
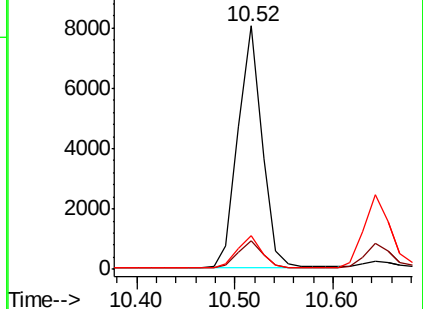
127 13.6 11.3 16.9



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: 0.423 ng

RT: 10.78 min Scan# 860

Delta R.T. -0.03 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

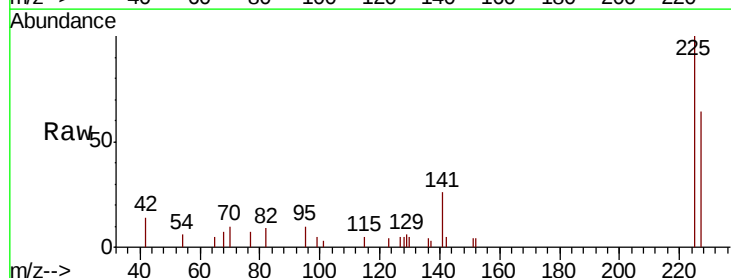
Tgt Ion:225 Resp: 2474

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

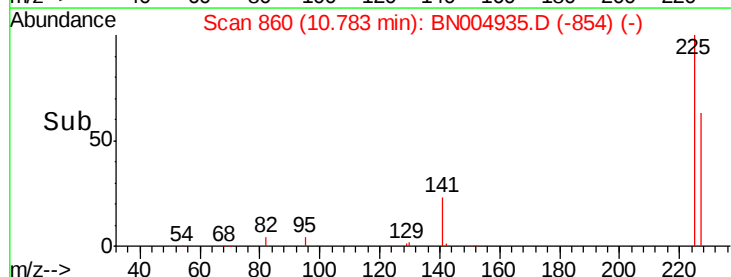
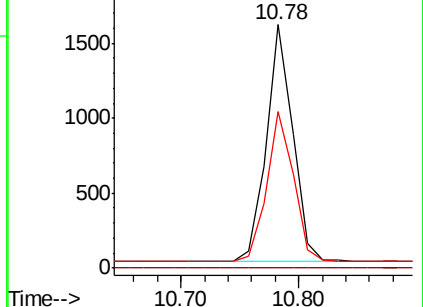
227 63.9 52.2 78.4

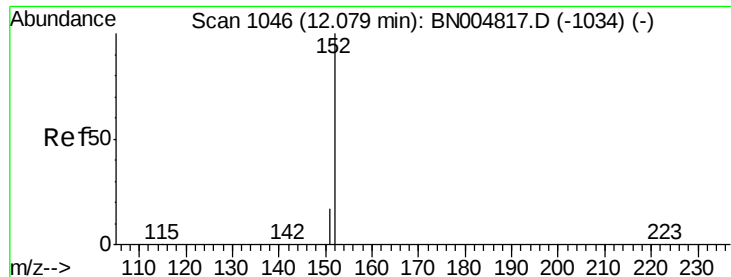


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 12.06 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

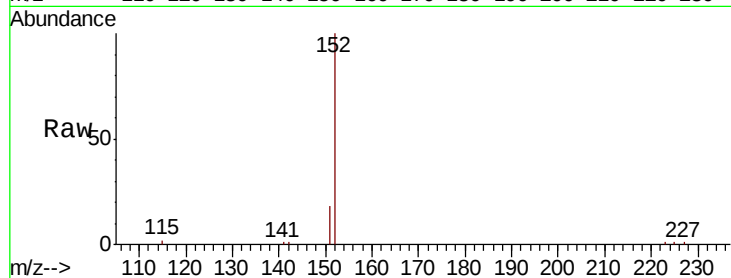
SSTDCCC0.4

Tgt Ion:152 Resp: 7519

Ion Ratio Lower Upper

152 100

151 19.5 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.06

5000

4000

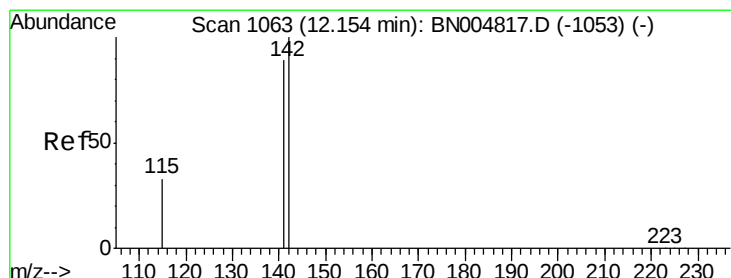
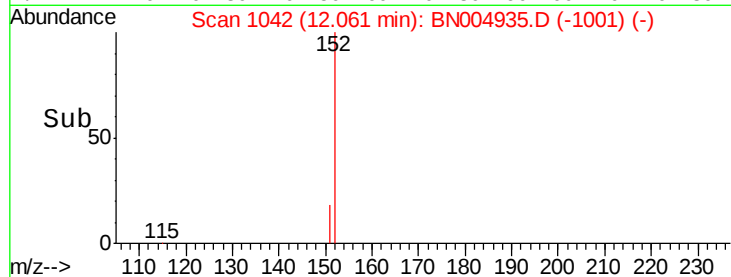
3000

2000

1000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.400 ng

RT: 12.14 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

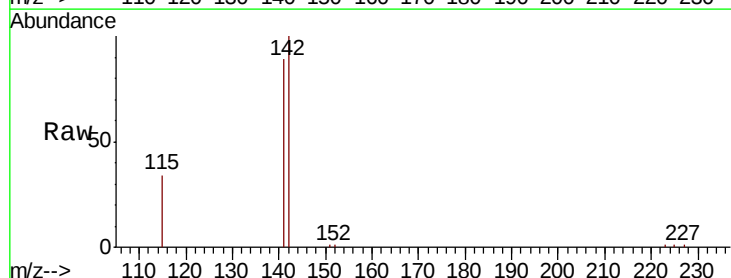
Tgt Ion:142 Resp: 9120

Ion Ratio Lower Upper

142 100

141 89.3 71.4 107.2

115 34.2 27.5 41.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.14

8000

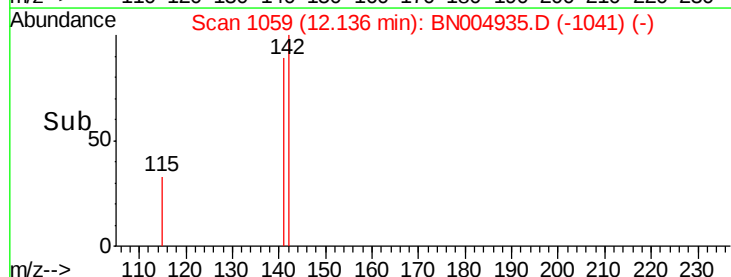
6000

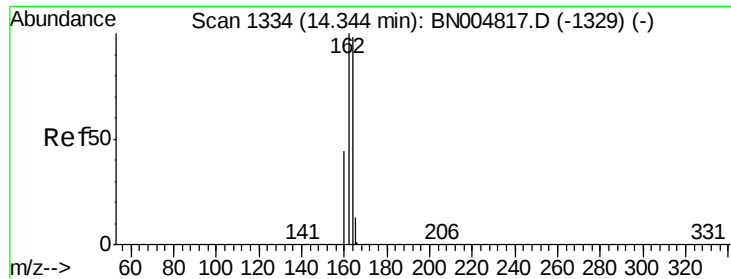
4000

2000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

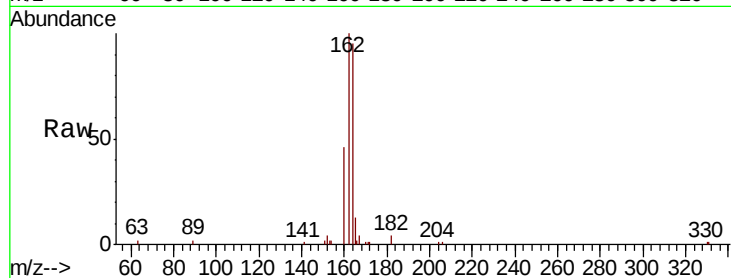
Tgt Ion:164 Resp: 6002

Ion Ratio Lower Upper

164 100

162 105.3 81.9 122.9

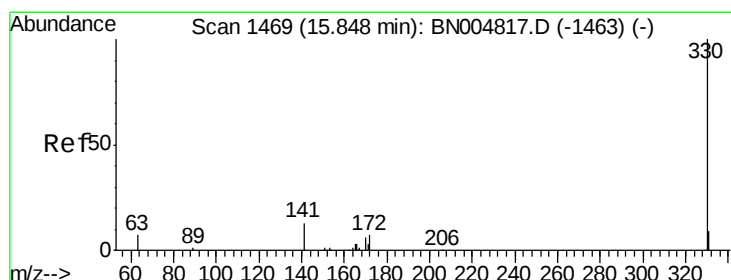
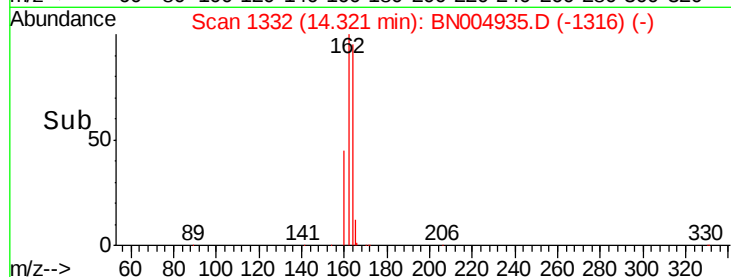
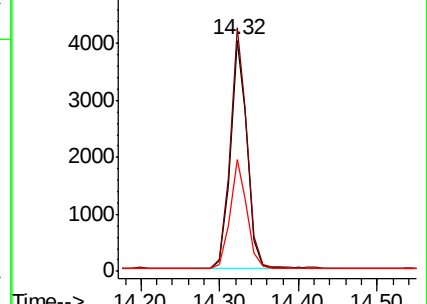
160 48.2 36.6 54.8



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: 0.409 ng

RT: 15.83 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

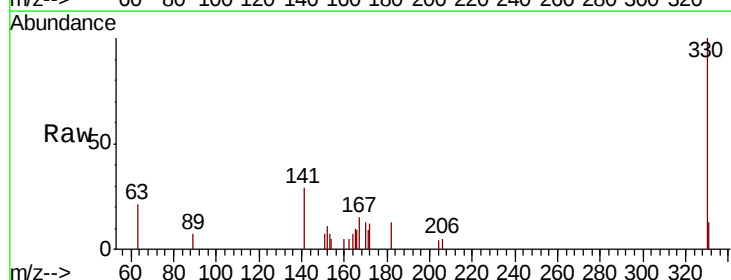
Tgt Ion:330 Resp: 1695

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

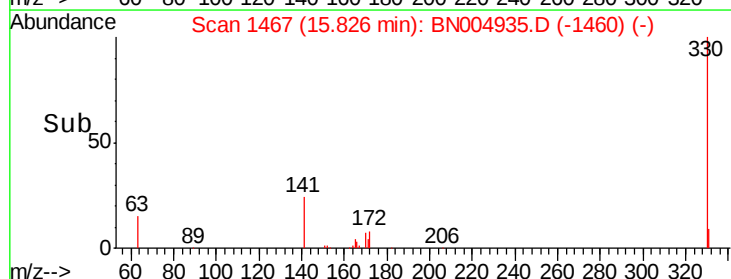
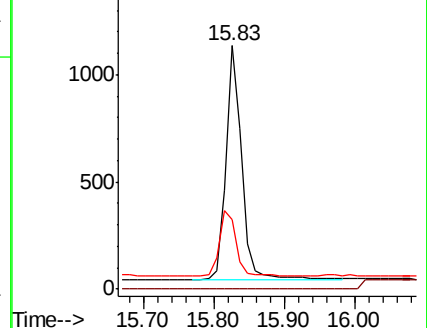
141 30.9 20.9 31.3

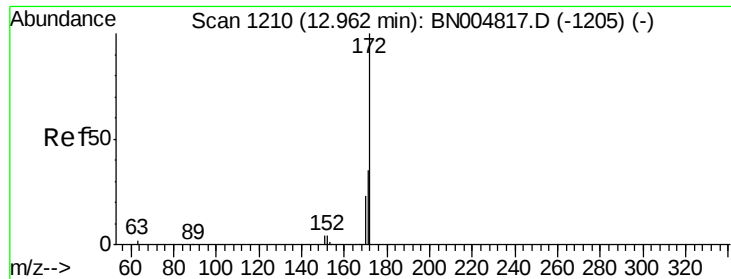


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

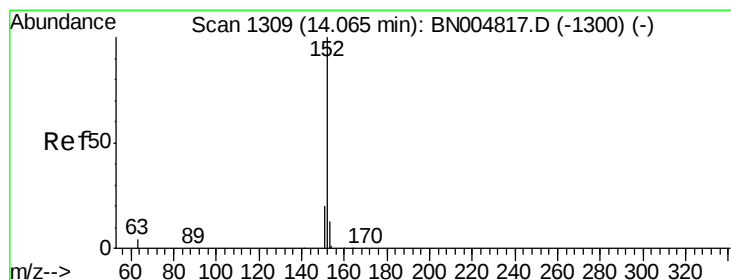
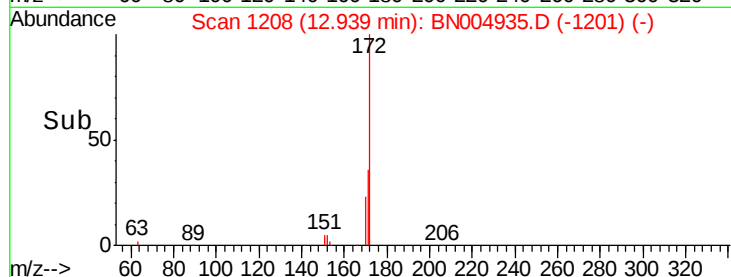
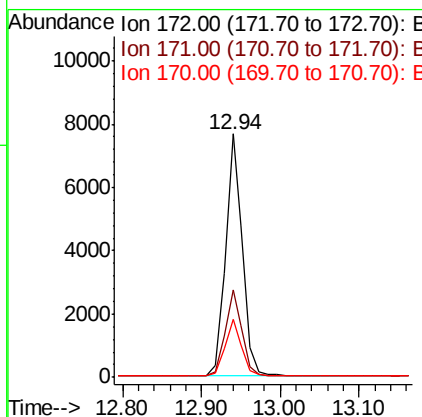
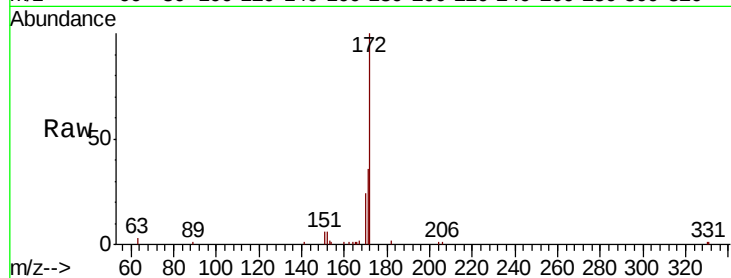




#15
2-Fluorobiphenyl
Concen: 0.462 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004935.D
Acq: 24 Mar 2019 12:54

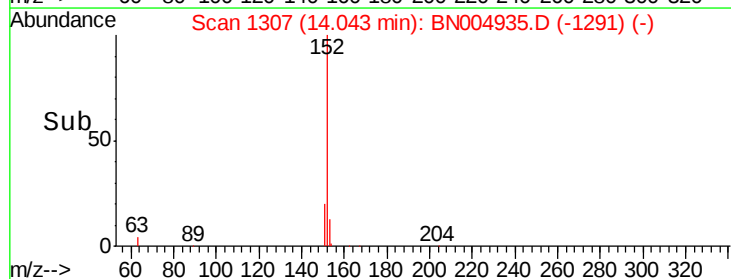
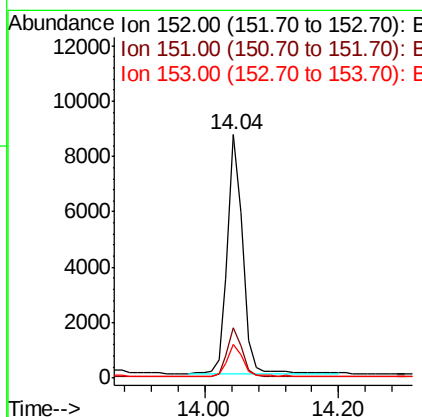
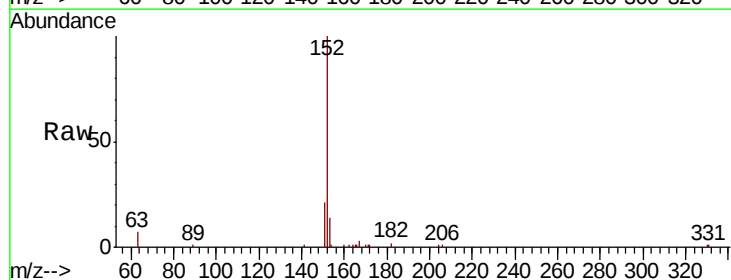
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

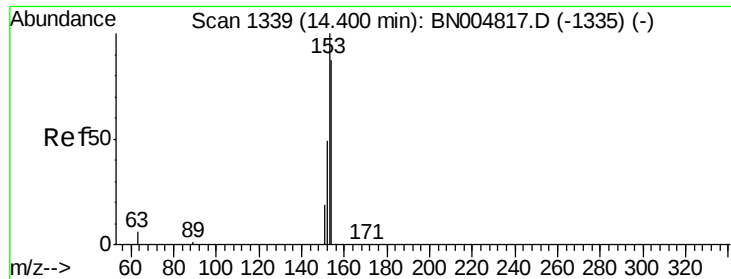
Tgt Ion:172 Resp: 11460
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.8 18.7 28.1



#16
Acenaphthylene
Concen: 0.437 ng
RT: 14.04 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BN004935.D
Acq: 24 Mar 2019 12:54

Tgt Ion:152 Resp: 13510
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.425 ng

RT: 14.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

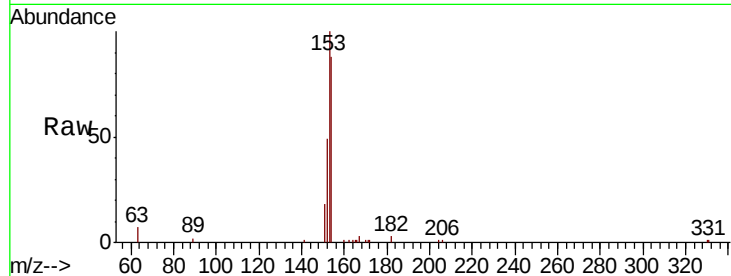
Tgt Ion:154 Resp: 8602

Ion Ratio Lower Upper

154 100

153 114.2 91.4 137.2

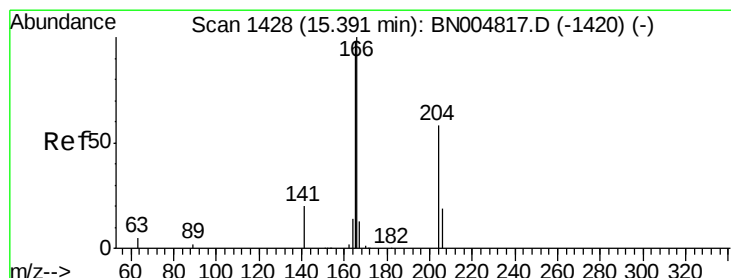
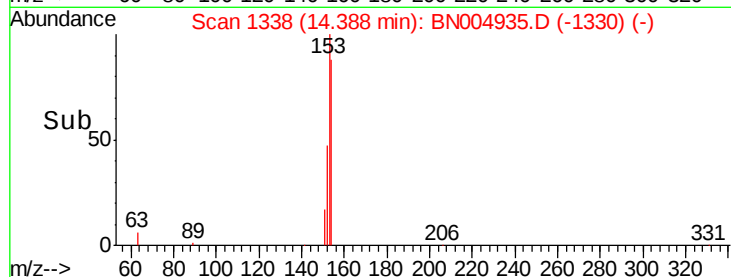
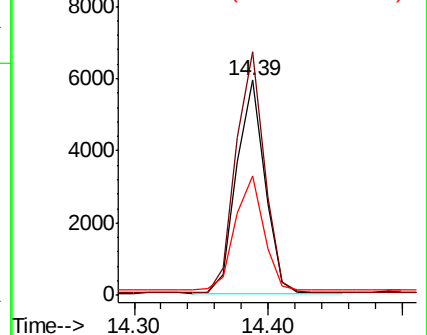
152 55.8 44.2 66.2



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: 0.395 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

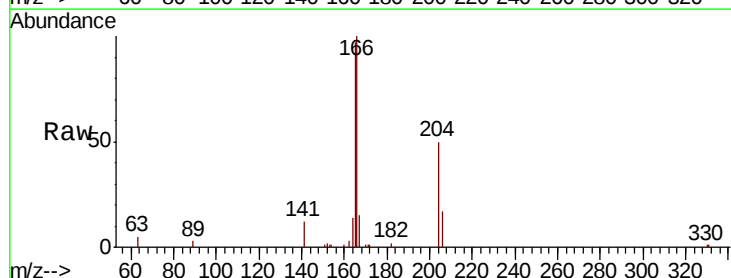
Tgt Ion:166 Resp: 11166

Ion Ratio Lower Upper

166 100

165 98.2 78.2 117.4

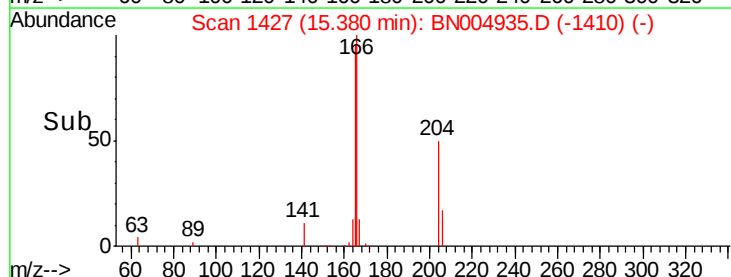
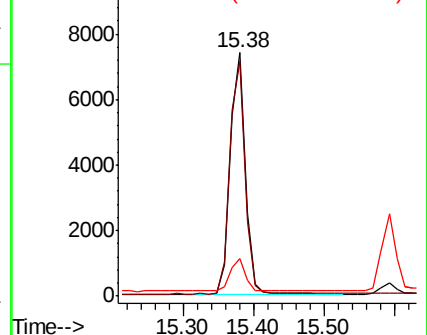
167 13.6 11.0 16.4

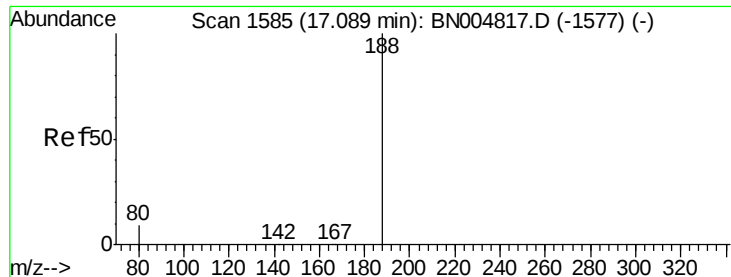


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.08 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

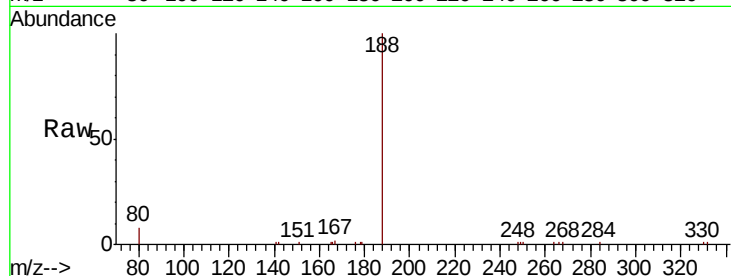
Tgt Ion:188 Resp: 13313

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

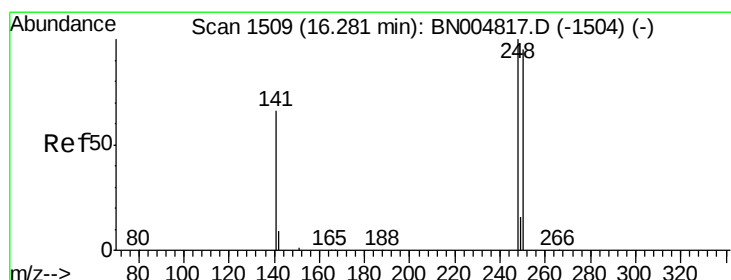
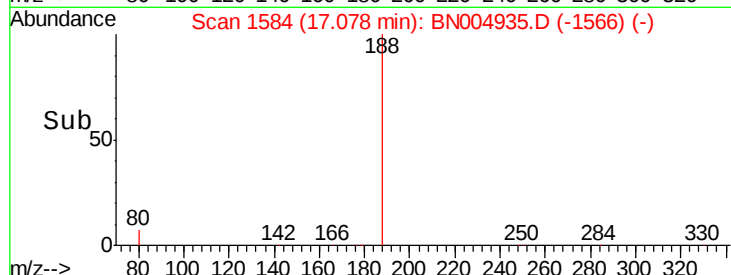
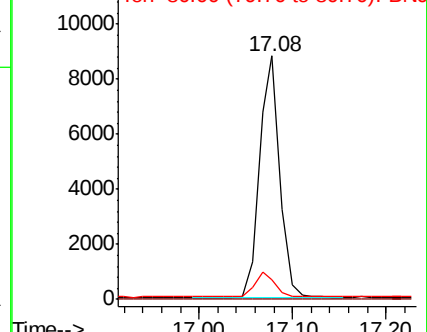
80 8.3 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.443 ng

RT: 16.27 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

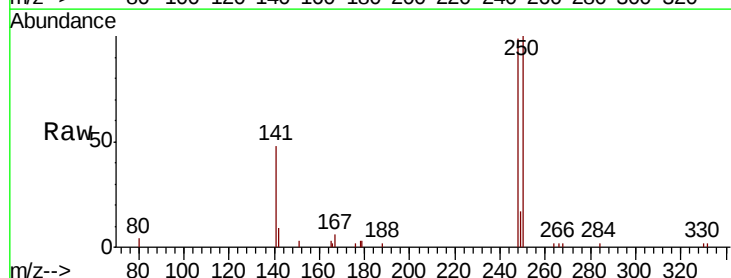
Tgt Ion:248 Resp: 3849

Ion Ratio Lower Upper

248 100

250 101.0 76.2 114.4

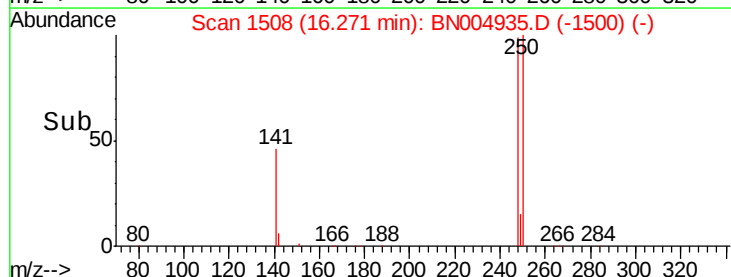
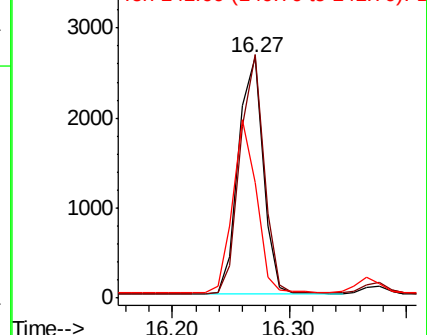
141 48.1 53.9 80.9#

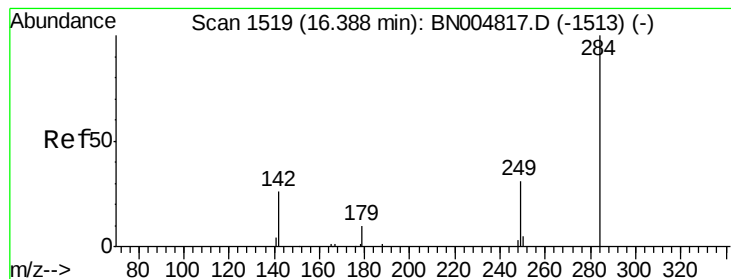


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.407 ng

RT: 16.38 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

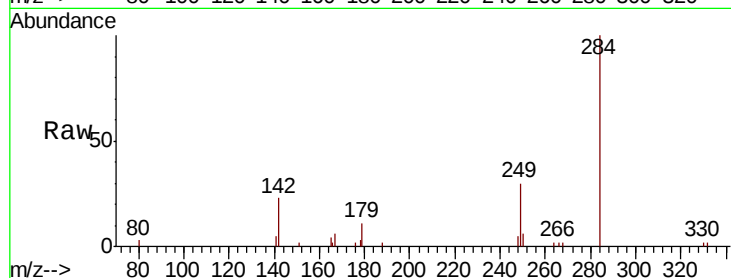
Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

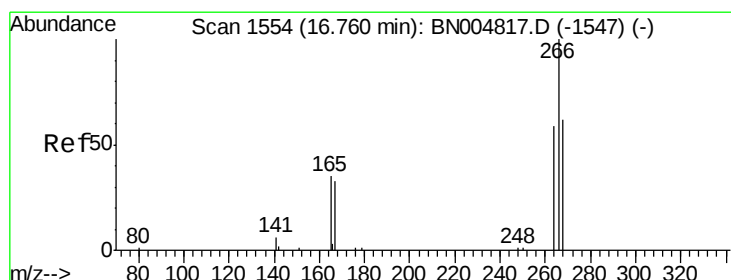
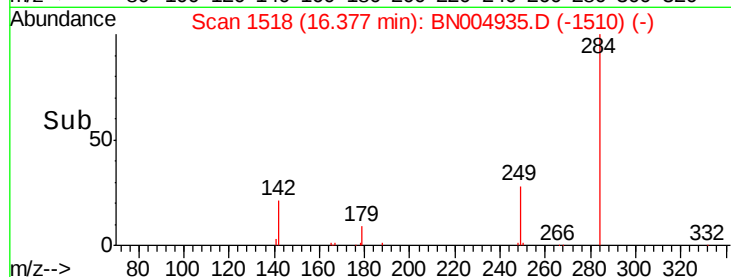
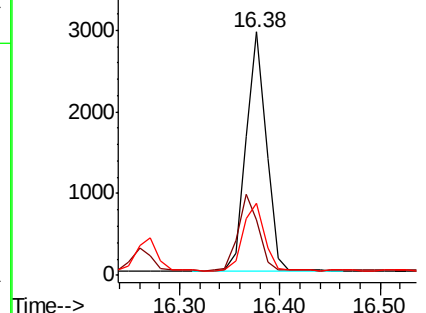
Tgt Ion:	284	Resp:	4047
Ion	Ratio	Lower	Upper
284	100		
142	32.6	22.6	34.0
249	29.8	22.5	33.7



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: 0.560 ng

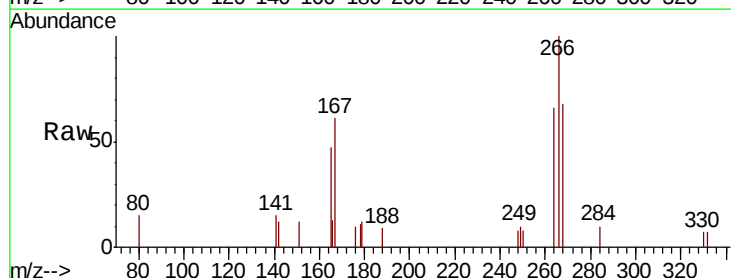
RT: 16.74 min Scan# 1552

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

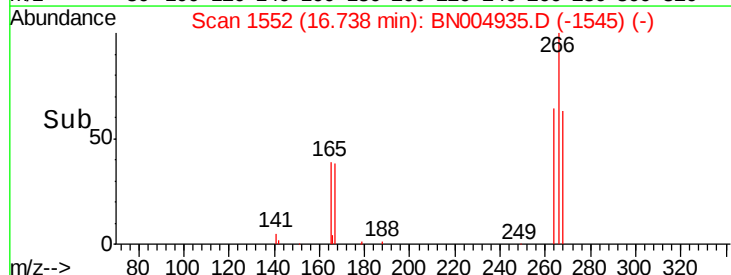
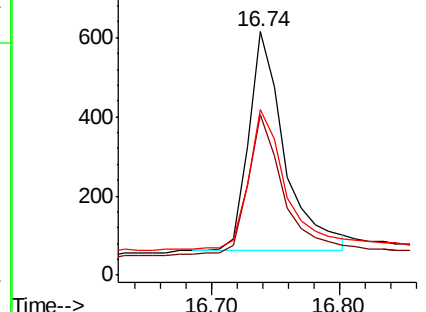
Tgt Ion:	266	Resp:	1091
Ion	Ratio	Lower	Upper
266	100		
264	66.0	53.1	79.7
268	67.8	57.7	86.5

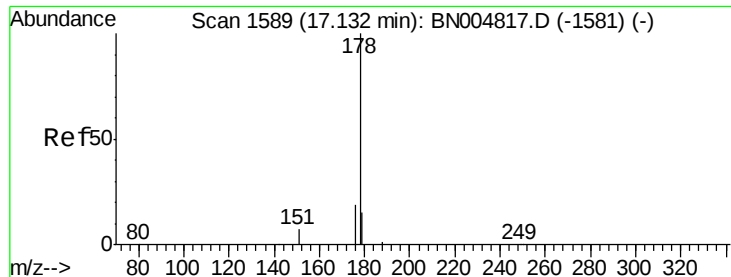


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.419 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

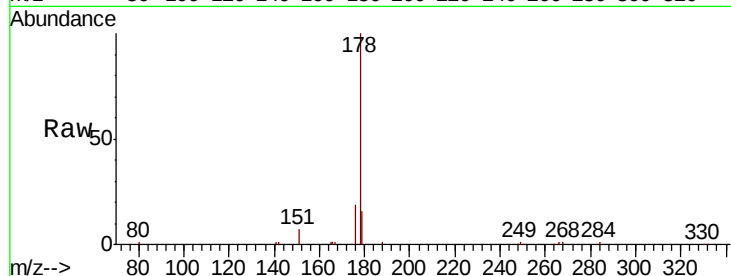
Tgt Ion:178 Resp: 17994

Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

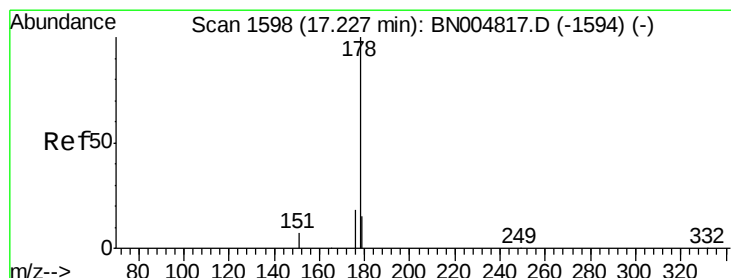
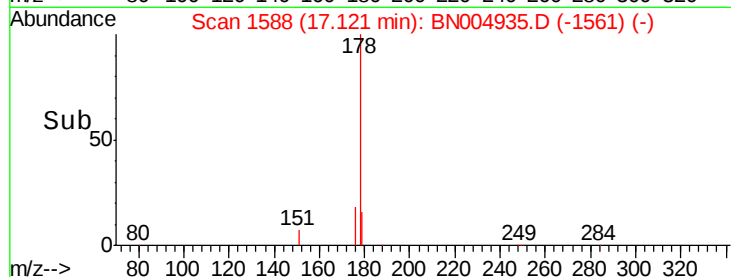
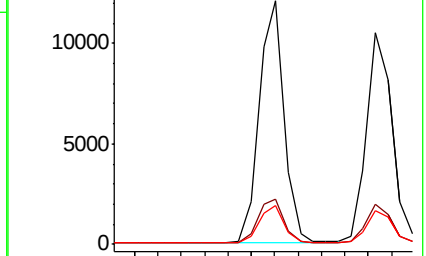
179 15.5 12.1 18.1



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: 0.424 ng

RT: 17.21 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

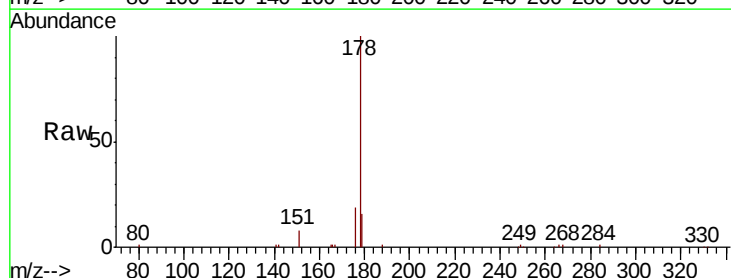
Tgt Ion:178 Resp: 16267

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

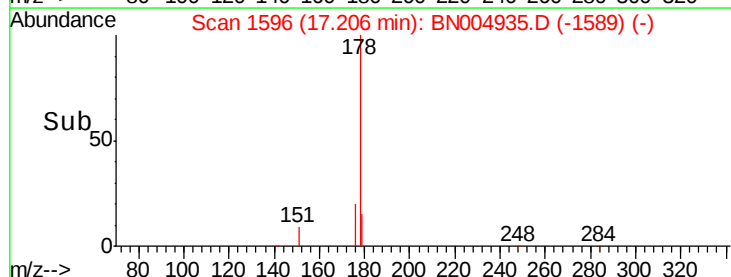
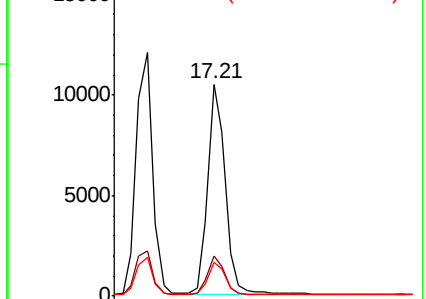
179 15.3 12.2 18.4

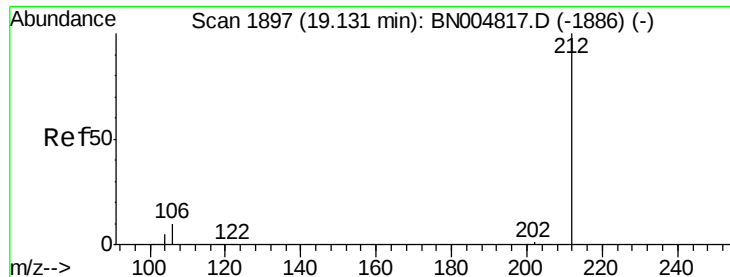


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

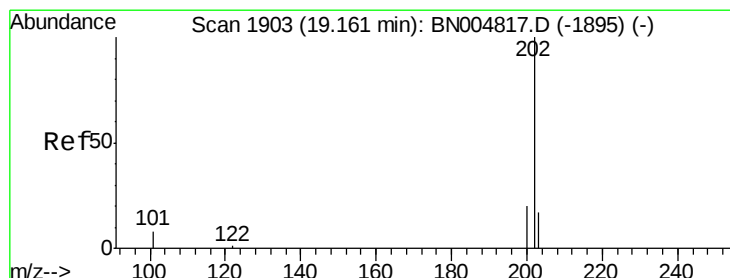
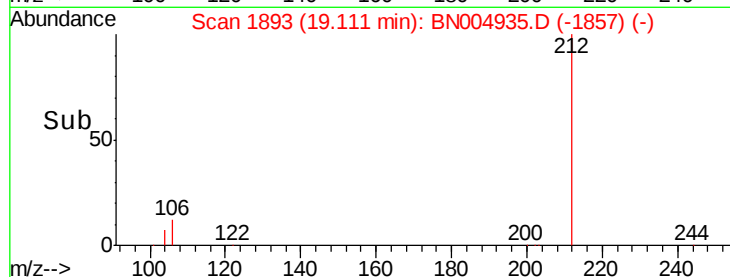
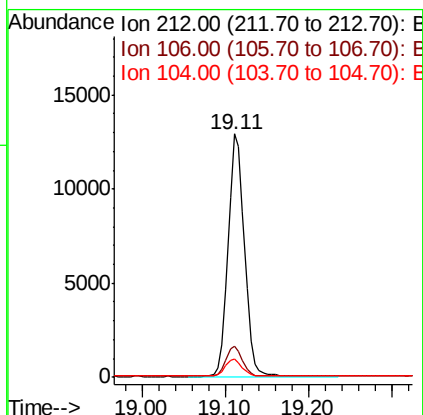
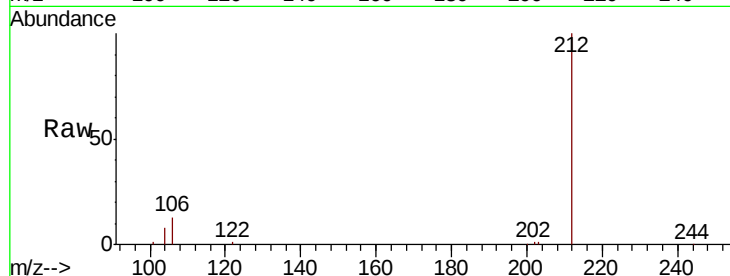




#25
 Fluoranthene-d10
 Concen: 0.392 ng
 RT: 19.11 min Scan# 1893
 Delta R.T. -0.02 min
 Lab File: BN004935.D
 Acq: 24 Mar 2019 12:54

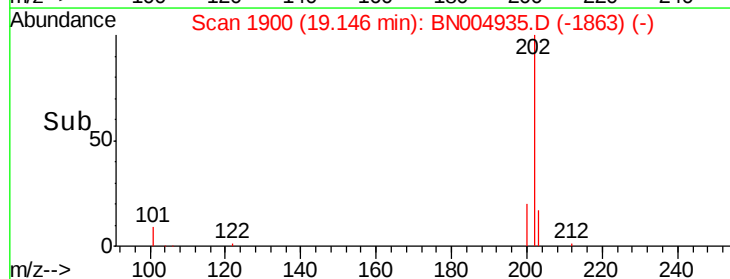
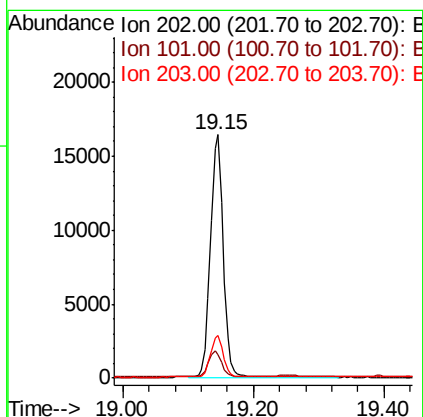
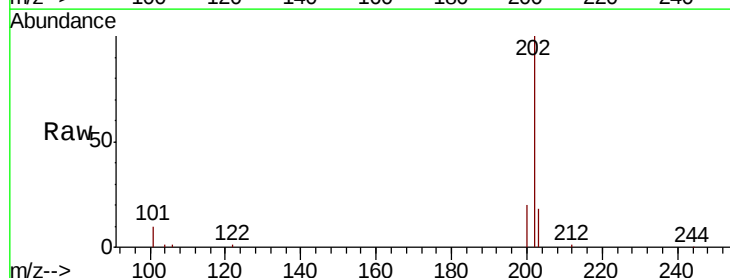
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

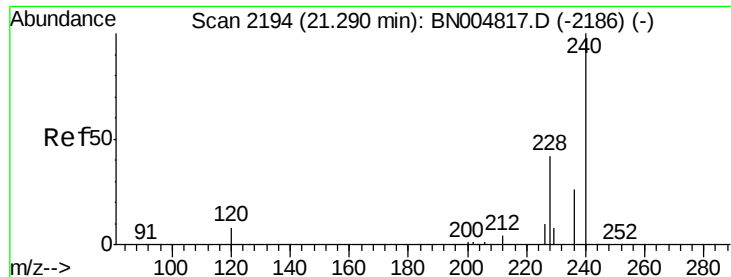
Tgt Ion:212 Resp: 17487
 Ion Ratio Lower Upper
 212 100
 106 12.4 8.6 13.0
 104 7.0 4.7 7.1



#26
 Fluoranthene
 Concen: 0.396 ng
 RT: 19.15 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BN004935.D
 Acq: 24 Mar 2019 12:54

Tgt Ion:202 Resp: 21875
 Ion Ratio Lower Upper
 202 100
 101 10.8 7.5 11.3
 203 17.0 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

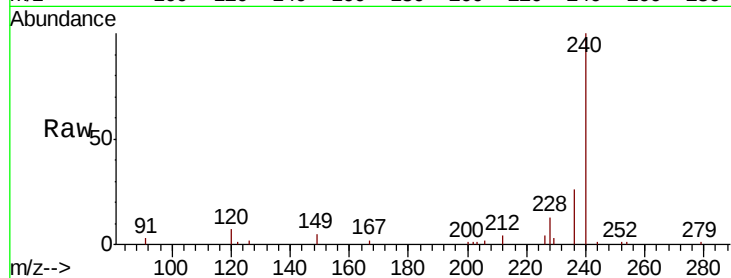
Tgt Ion:240 Resp: 17003

Ion Ratio Lower Upper

240 100

120 6.8 7.2 10.8#

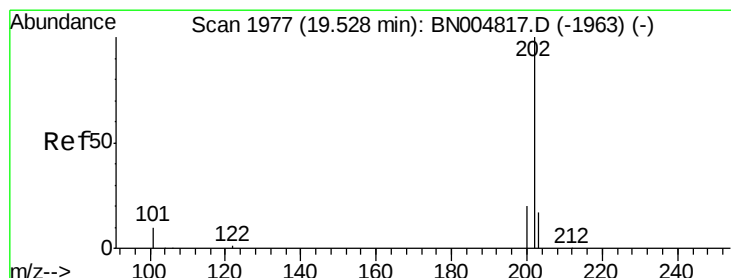
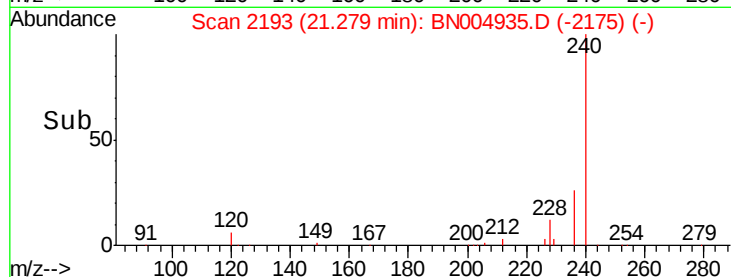
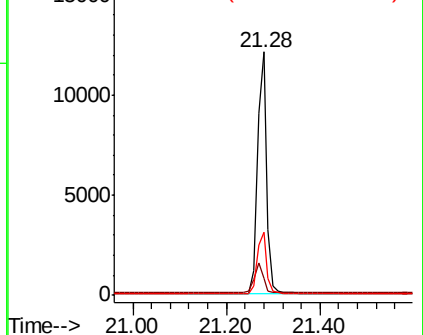
236 26.1 20.9 31.3



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: 0.433 ng

RT: 19.51 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

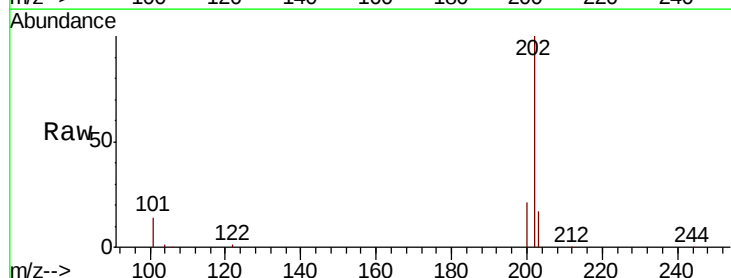
Tgt Ion:202 Resp: 22425

Ion Ratio Lower Upper

202 100

200 20.7 16.3 24.5

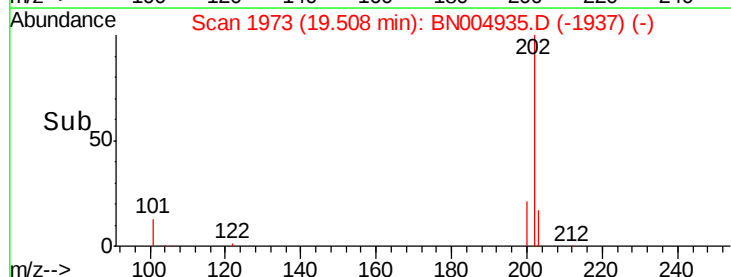
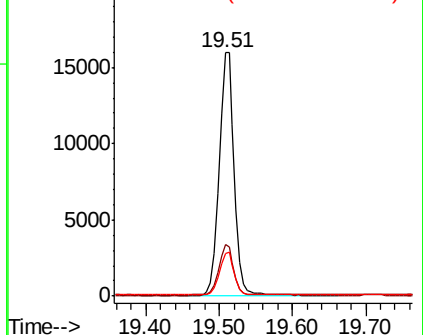
203 17.4 14.0 21.0

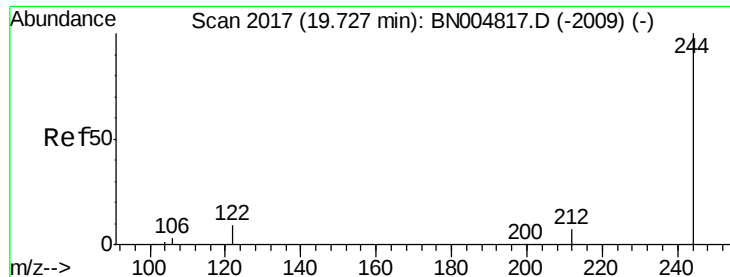


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.461 ng

RT: 19.71 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

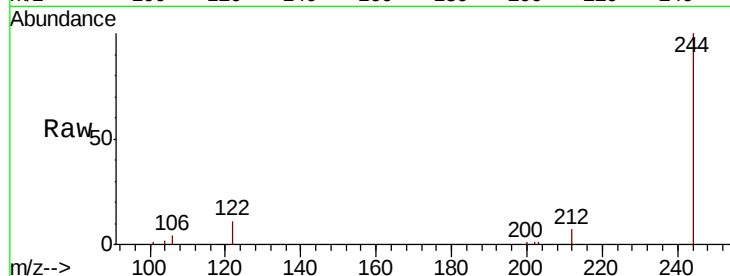
Tgt Ion:244 Resp: 16039

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

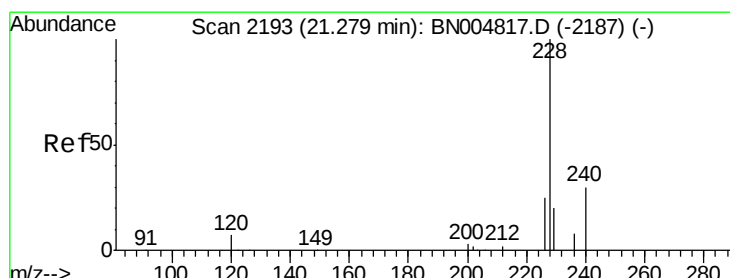
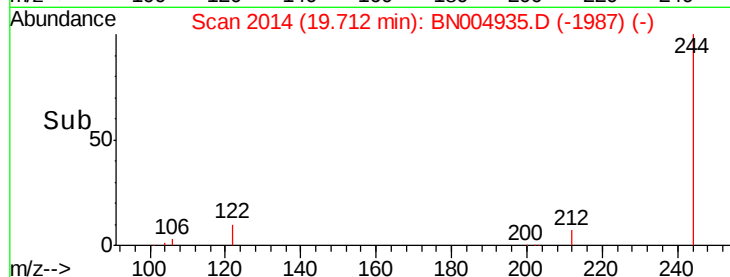
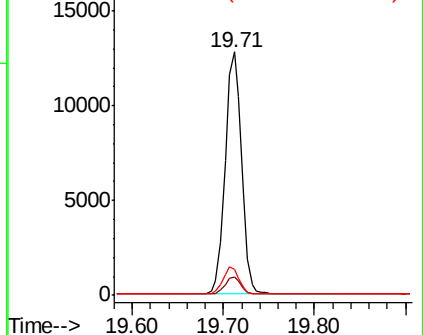
122 10.8 7.9 11.9



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: 0.414 ng

RT: 21.26 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

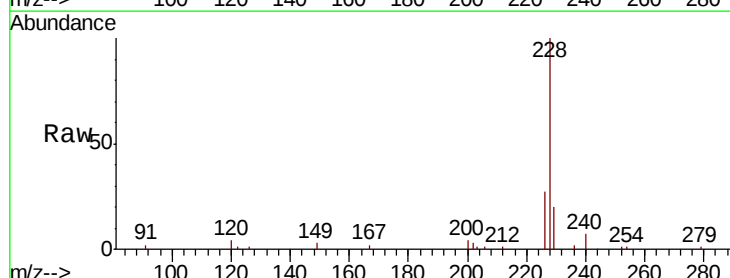
Tgt Ion:228 Resp: 23074

Ion Ratio Lower Upper

228 100

226 26.9 20.6 31.0

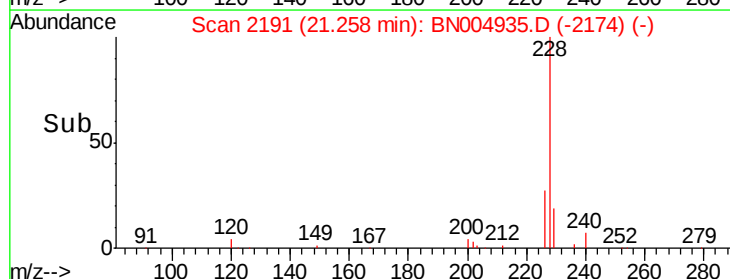
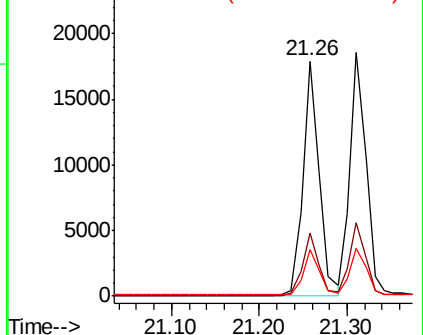
229 19.8 16.2 24.4

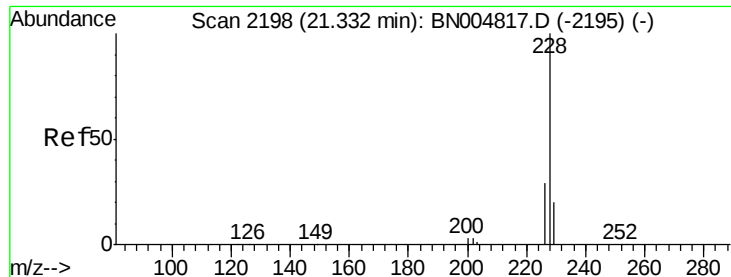


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.399 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

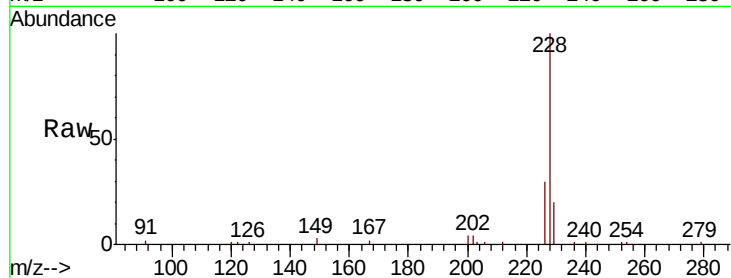
Tgt Ion: 228 Resp: 23437

Ion Ratio Lower Upper

228 100

226 29.9 23.0 34.6

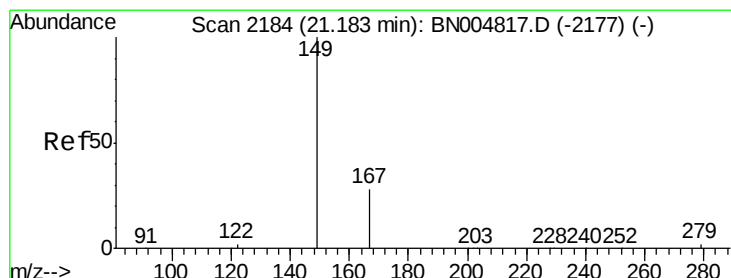
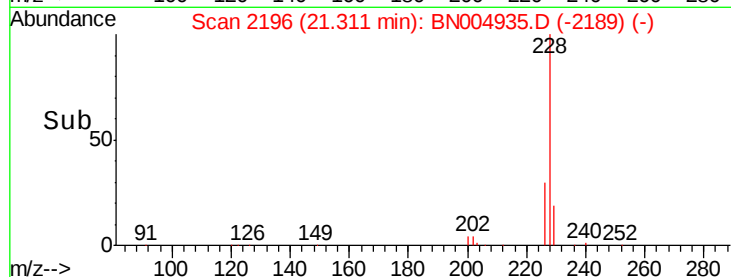
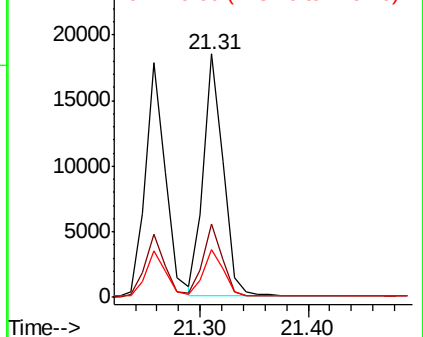
229 19.6 16.2 24.2



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: 0.732 ng

RT: 21.17 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

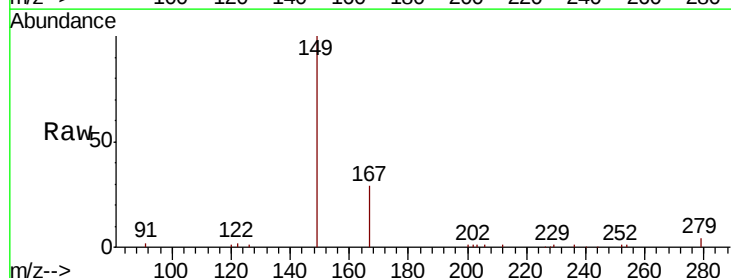
Tgt Ion: 149 Resp: 16303

Ion Ratio Lower Upper

149 100

167 28.1 23.0 34.4

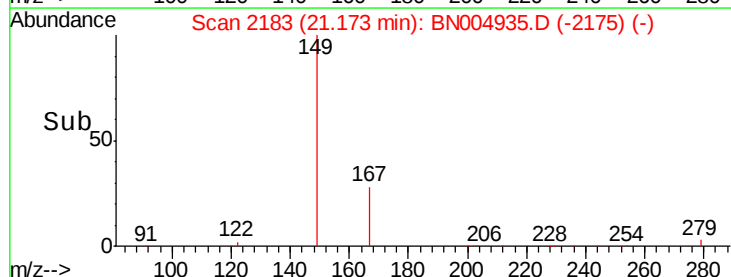
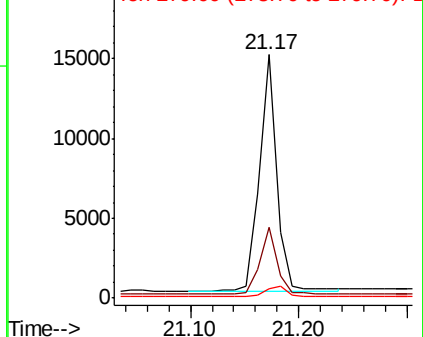
279 5.5 4.6 6.8

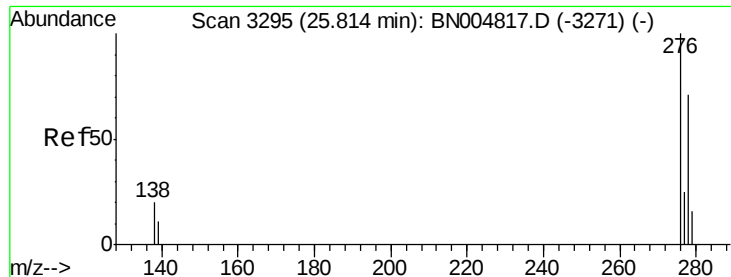


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.355 ng

RT: 25.79 min Scan# 3287

Delta R.T. -0.03 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

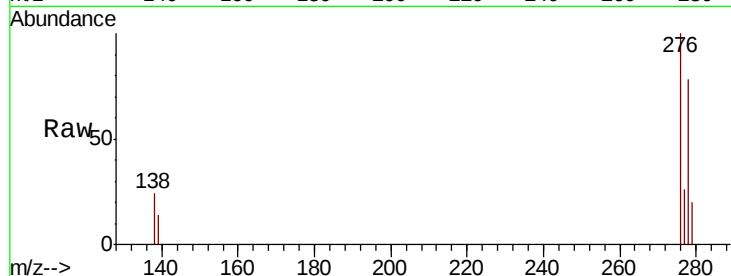
Tgt Ion:276 Resp: 30157

Ion Ratio Lower Upper

276 100

138 23.5 16.6 24.8

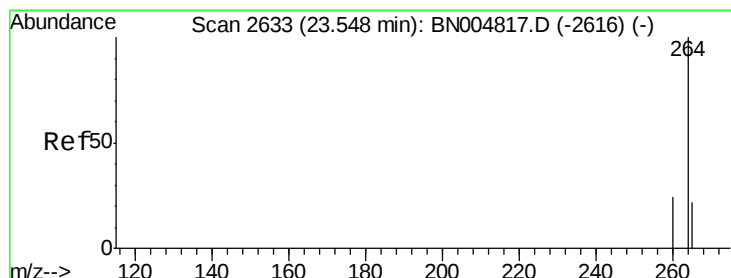
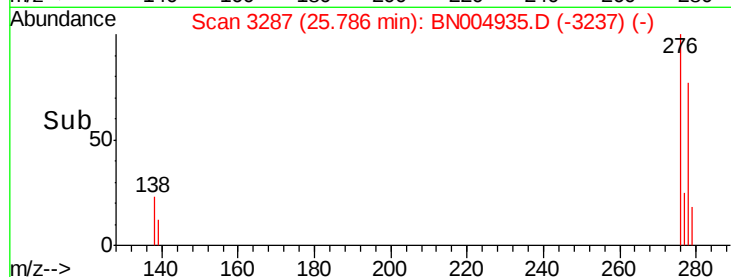
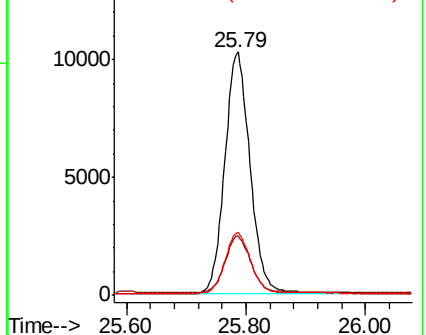
277 25.3 20.3 30.5



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: 23.52 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

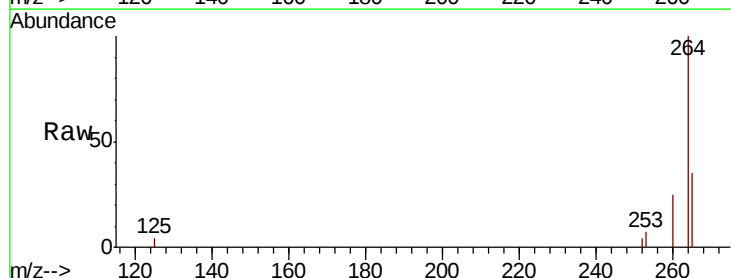
Tgt Ion:264 Resp: 16791

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

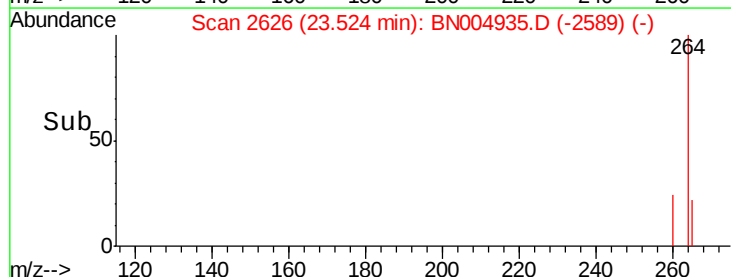
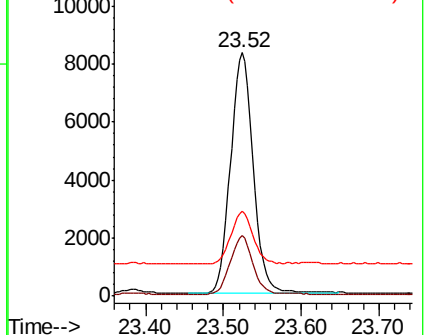
265 34.7 23.1 34.7#

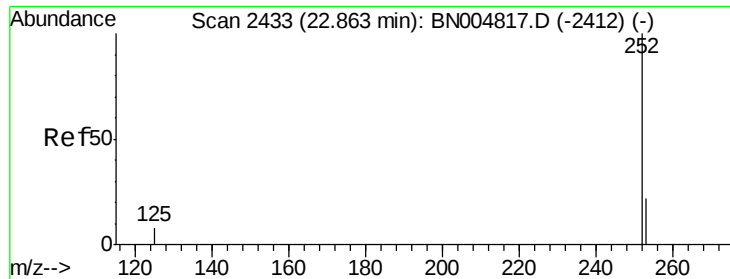


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.430 ng

RT: 22.85 min Scan# 2428

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

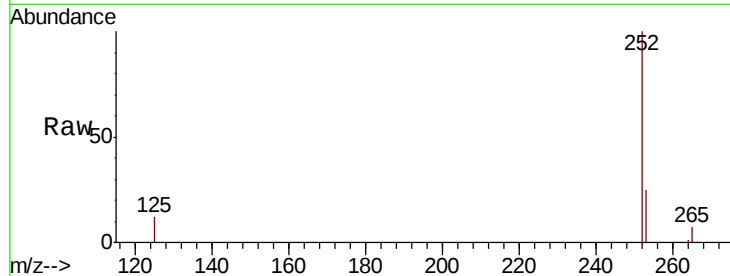
Tgt Ion:252 Resp: 26089

Ion Ratio Lower Upper

252 100

253 24.7 19.0 28.4

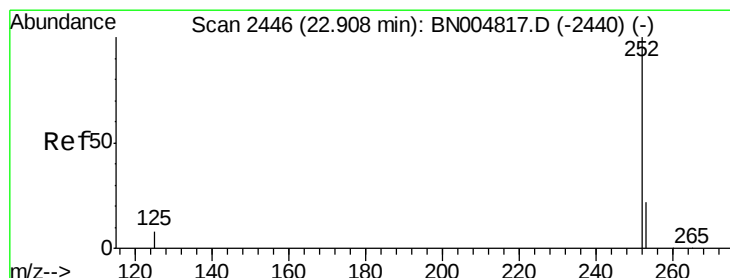
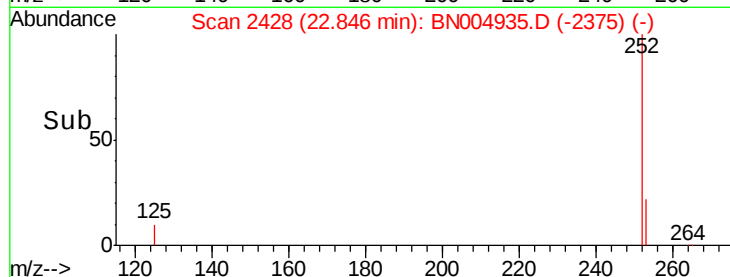
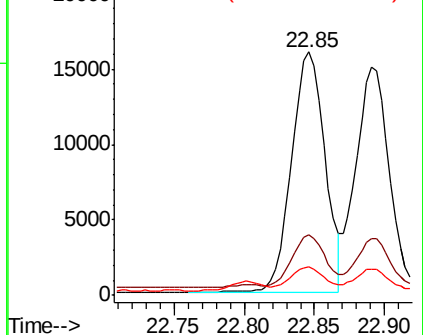
125 11.5 7.4 11.2#



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: 0.407 ng

RT: 22.89 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

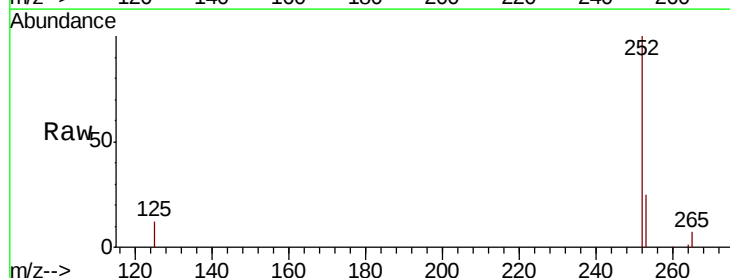
Tgt Ion:252 Resp: 24337

Ion Ratio Lower Upper

252 100

253 24.9 19.3 28.9

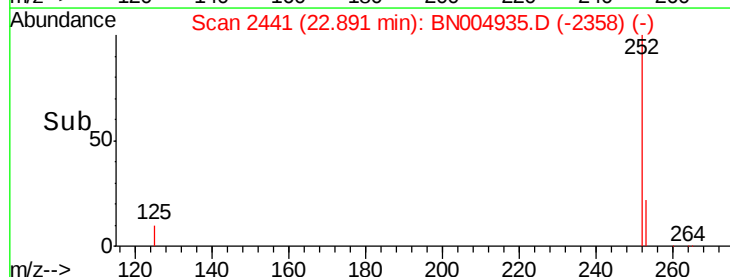
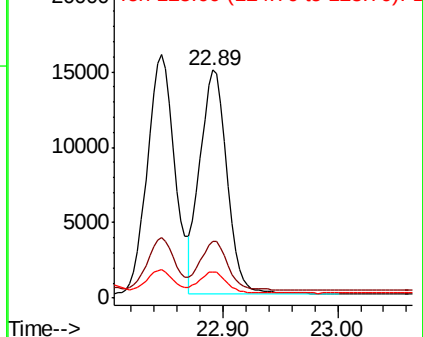
125 11.7 7.4 11.0#

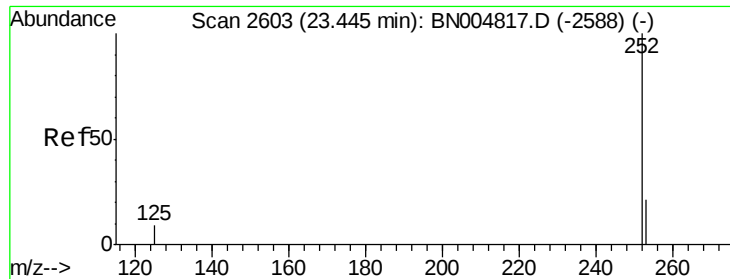


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.403 ng

RT: 23.42 min Scan# 2597

Delta R.T. -0.02 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

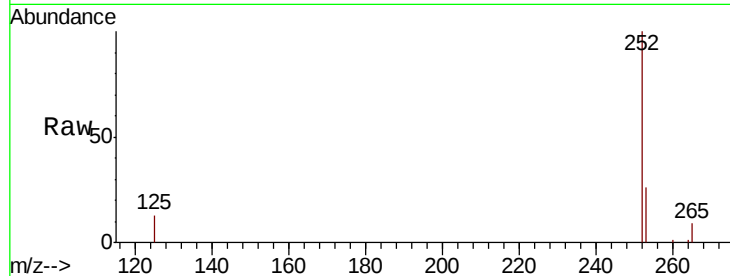
Tgt Ion:252 Resp: 22468

Ion Ratio Lower Upper

252 100

253 25.8 19.7 29.5

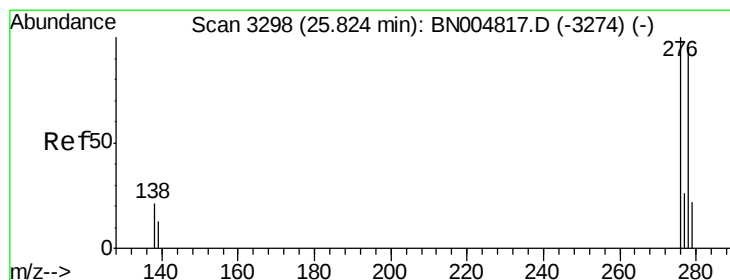
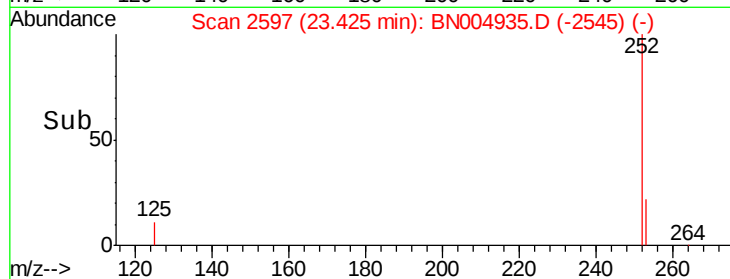
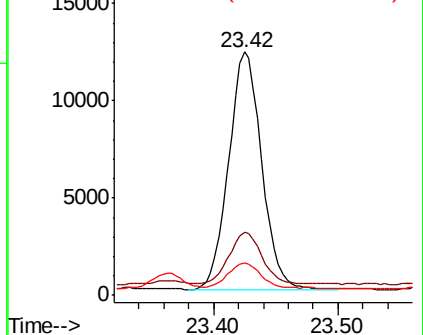
125 13.2 8.3 12.5#



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: 0.386 ng

RT: 25.79 min Scan# 3289

Delta R.T. -0.03 min

Lab File: BN004935.D

Acq: 24 Mar 2019 12:54

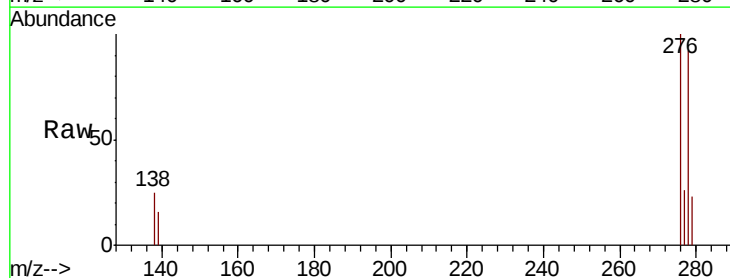
Tgt Ion:278 Resp: 24907

Ion Ratio Lower Upper

278 100

139 17.8 11.7 17.5#

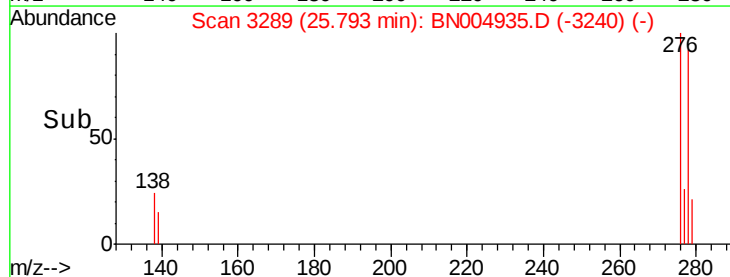
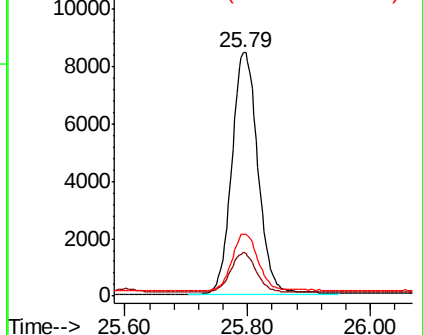
279 25.3 19.9 29.9

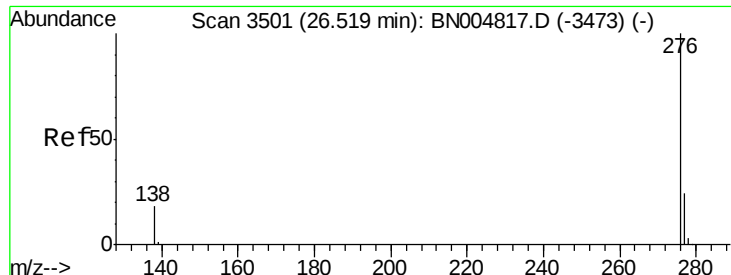


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.377 ng

RT: 26.48 min Scan# 3491

Delta R.T. -0.03 min

Lab File: BN004935.D

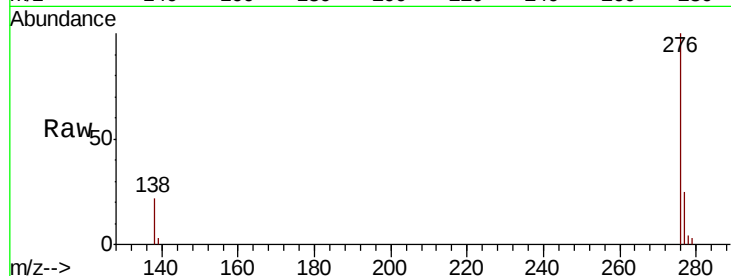
Acq: 24 Mar 2019 12:54

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



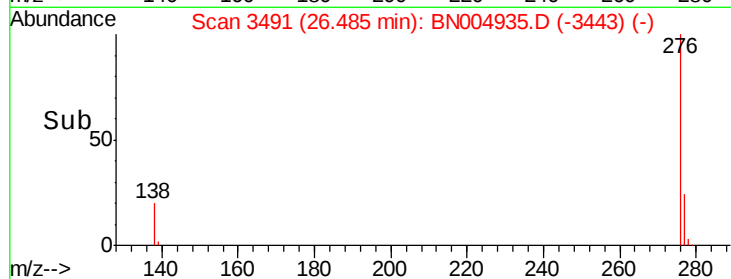
Tgt Ion: 276 Resp: 24795

Ion Ratio Lower Upper

276 100

277 24.6 19.7 29.5

138 21.6 14.6 22.0



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

