

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004817.D
 Acq On : 20 Mar 2019 12:19
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Mar 20 13:49:49 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 13:44:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1375	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	5965	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	3877	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	10086	0.40	ng	0.00
27) Chrysene-d12	21.29	240	14076	0.40	ng	0.00
34) Perylene-d12	23.55	264	15440	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	1521	0.35	ng	0.00
5) Phenol-d6	6.88	99	1848	0.32	ng	0.00
8) Nitrobenzene-d5	8.87	82	1564	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4159	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1006	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	6523	0.42	ng	0.00
25) Fluoranthene-d10	19.13	212	13407	0.45	ng	0.00
29) Terphenyl-d14	19.73	244	11645	0.33	ng	0.00

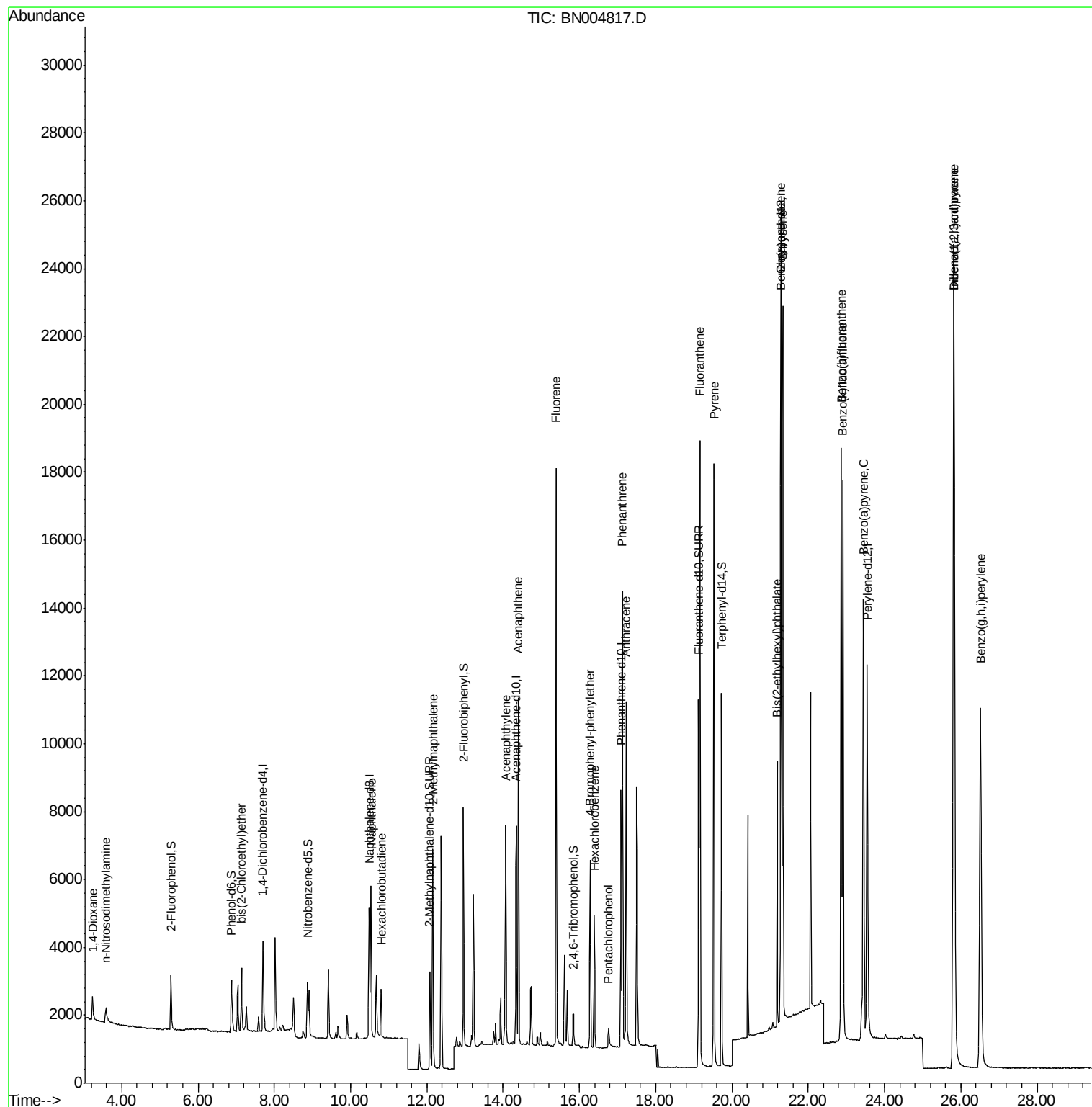
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	631	0.521	ng	100
3) n-Nitrosodimethylamine	3.58	42	342	0.533	ng	100
6) bis(2-Chloroethyl)ether	7.14	93	1635	0.398	ng	100
9) Naphthalene	10.54	128	6773	0.457	ng	100
10) Hexachlorobutadiene	10.81	225	1288	0.510	ng	# 100
12) 2-Methylnaphthalene	12.15	142	5019	0.468	ng	100
16) Acenaphthylene	14.07	152	7610	0.417	ng	100
17) Acenaphthene	14.40	154	5284	0.442	ng	100
18) Fluorene	15.39	166	7443	0.493	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	2617	0.468	ng	100
21) Hexachlorobenzene	16.39	284	3053	0.481	ng	100
22) Pentachlorophenol	16.76	266	448	0.385	ng	100
23) Phenanthrene	17.13	178	13152	0.483	ng	100
24) Anthracene	17.23	178	11387	0.453	ng	100
26) Fluoranthene	19.16	202	16832	0.520	ng	100
28) Pyrene	19.53	202	17450	0.396	ng	100
30) Benzo(a)anthracene	21.28	228	18196	0.465	ng	100
31) Chrysene	21.33	228	20071	0.502	ng	100
32) Bis(2-ethylhexyl)phthalate	21.18	149	6795	0.284	ng	100
33) Indeno(1,2,3-cd)pyrene	25.81	276	29136	0.684	ng	100
35) Benzo(b)fluoranthene	22.86	252	22738	0.512	ng	100
36) Benzo(k)fluoranthene	22.91	252	21711	0.465	ng	100
37) Benzo(a)pyrene	23.45	252	20397	0.485	ng	100
38) Dibenzo(a,h)anthracene	25.82	278	24060	0.572	ng	100
39) Benzo(g,h,i)perylene	26.52	276	24599	0.590	ng	100

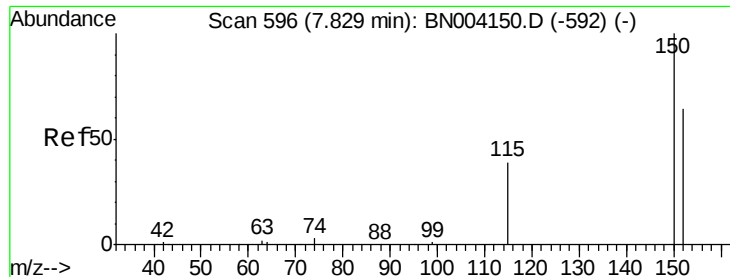
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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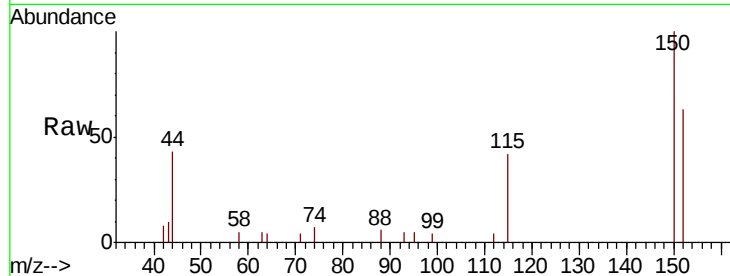


#1

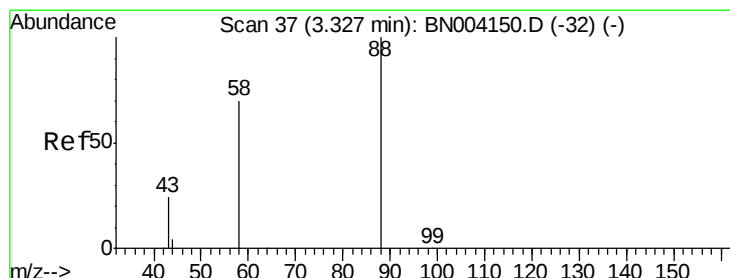
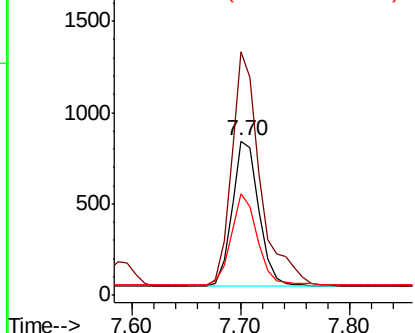
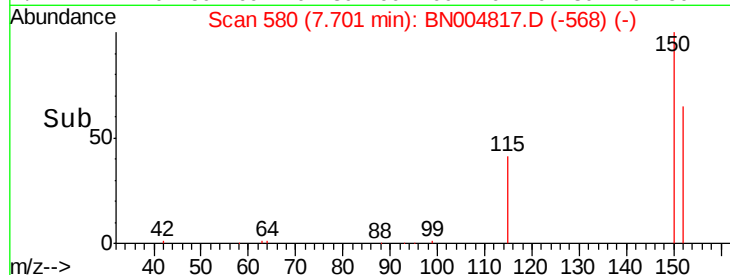
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.00 min
Lab File: BN004817.D
Acq: 20 Mar 2019 12:19

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 1375
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.4
115 65.8 52.6 79.0



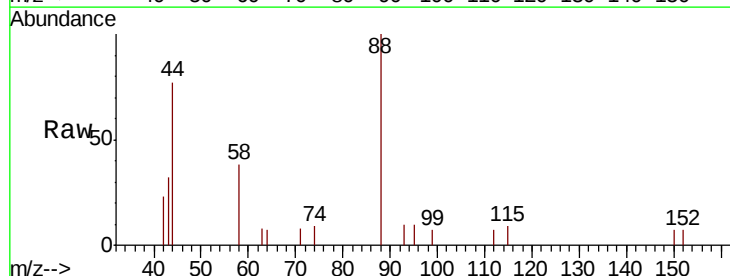
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



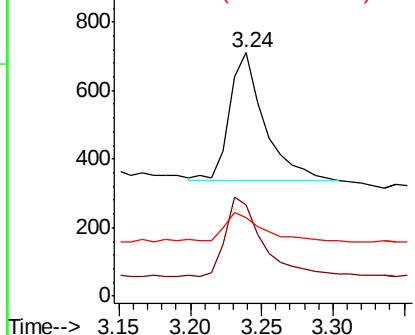
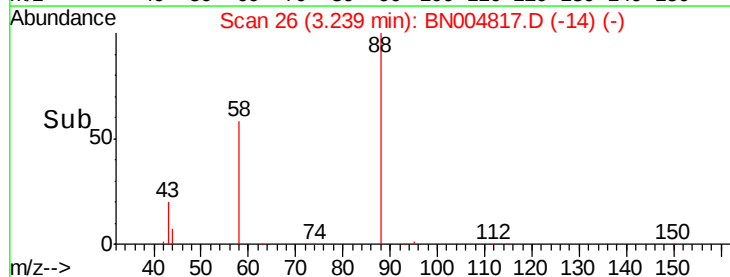
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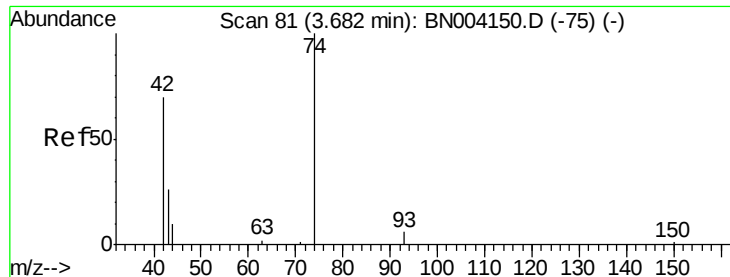
1,4-Dioxane
Concen: 0.521 ng
RT: 3.24 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN004817.D
Acq: 20 Mar 2019 12:19

Tgt Ion: 88 Resp: 631
Ion Ratio Lower Upper
88 100
58 64.3 51.4 77.2
43 25.0 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



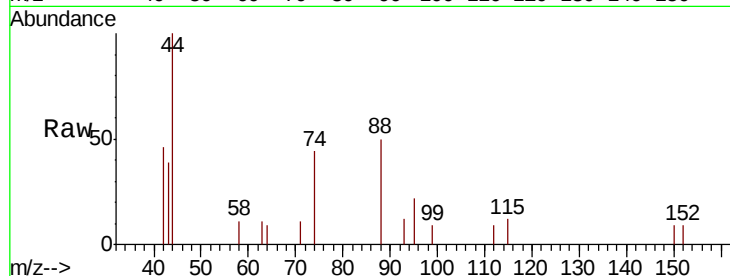


#3

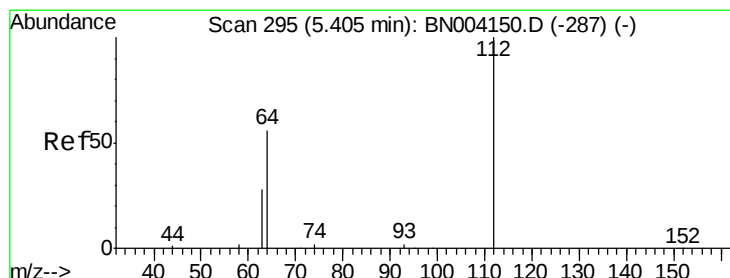
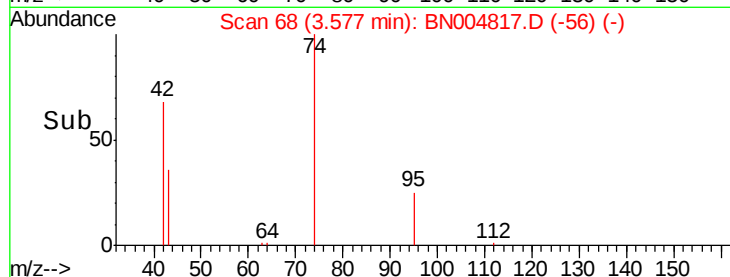
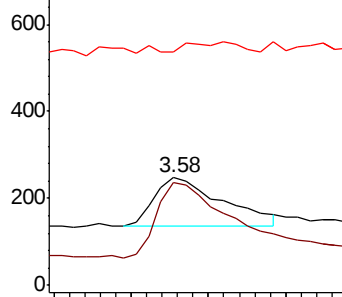
n-Nitrosodimethylamine
 Concen: 0.533 ng
 RT: 3.58 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: BN004817.D
 Acq: 20 Mar 2019 12:19

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

Tot Ion: 42 Resp: 342
 Ion Ratio Lower Upper
 42 100
 74 160.5 128.4 192.6
 44 7.6 6.1 9.1



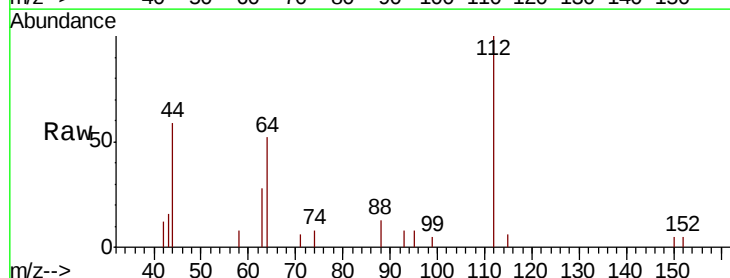
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



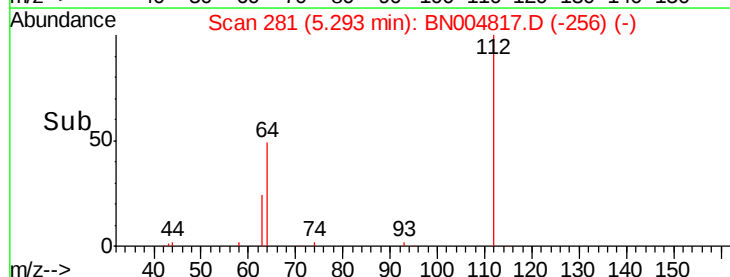
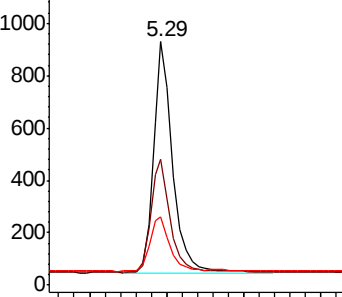
#4

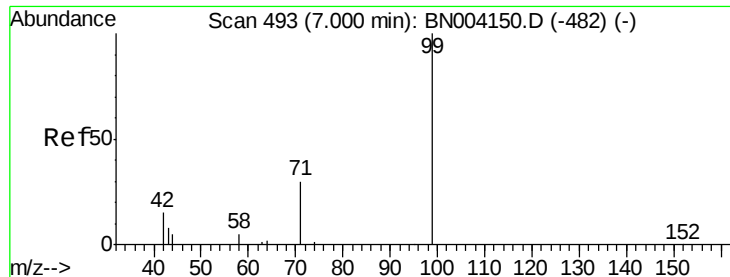
2-Fluorophenol
 Concen: 0.354 ng
 RT: 5.29 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: BN004817.D
 Acq: 20 Mar 2019 12:19

Tgt Ion: 112 Resp: 1521
 Ion Ratio Lower Upper
 112 100
 64 50.0 40.0 60.0
 63 25.2 20.2 30.2



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: 0.325 ng

RT: 6.88 min Scan# 478

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

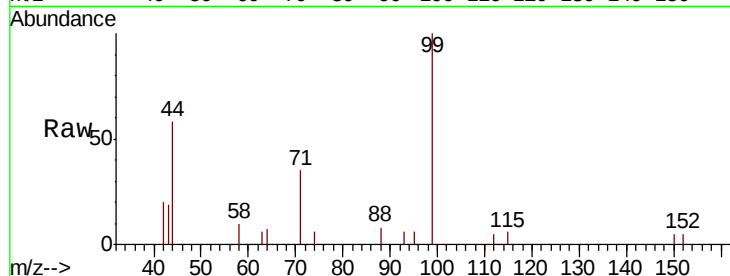
Tot Ion: 99 Resp: 1848

Ion Ratio Lower Upper

99 100

42 15.9 12.7 19.1

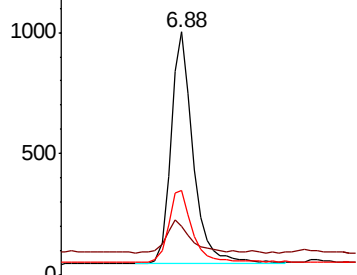
71 33.3 26.6 40.0



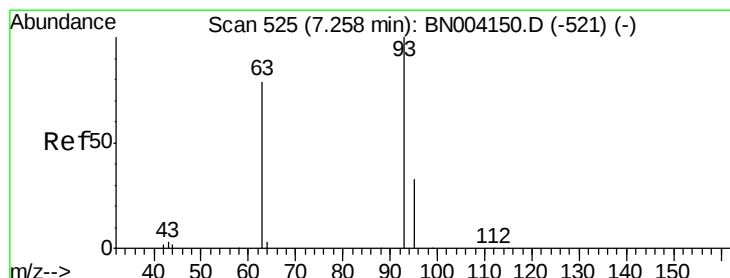
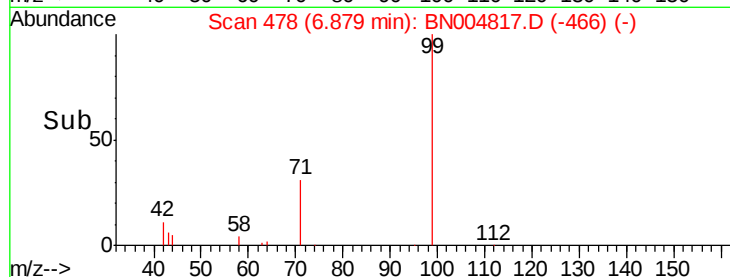
Abundance Ion 99.00 (98.70 to 99.70): BN004817.D (-478) (-)

Ion 42.00 (41.70 to 42.70): BN004817.D (-478) (-)

Ion 71.00 (70.70 to 71.70): BN004817.D (-478) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.398 ng

RT: 7.14 min Scan# 510

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

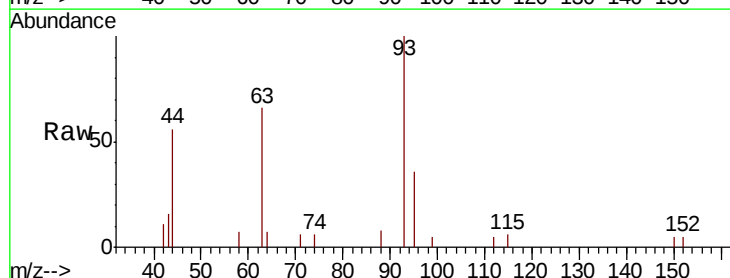
Tgt Ion: 93 Resp: 1635

Ion Ratio Lower Upper

93 100

63 65.7 52.6 78.8

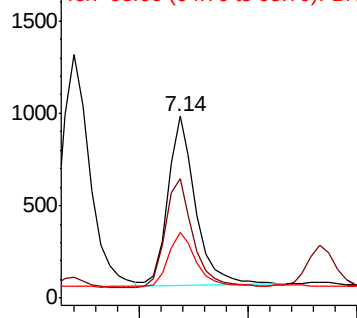
95 32.4 25.9 38.9



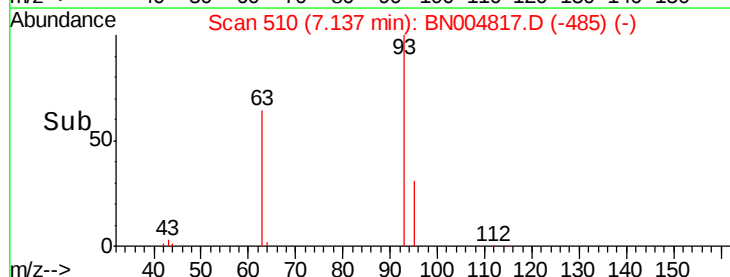
Abundance Ion 93.00 (92.70 to 93.70): BN004817.D (-510) (-)

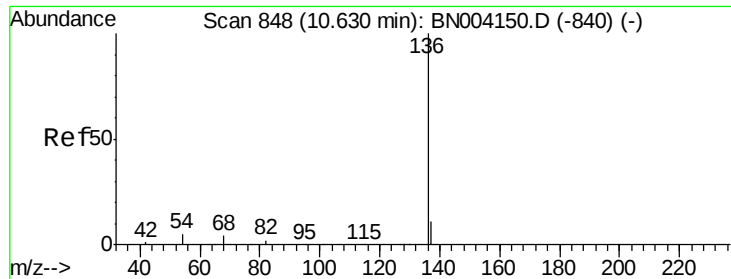
Ion 63.00 (62.70 to 63.70): BN004817.D (-510) (-)

Ion 95.00 (94.70 to 95.70): BN004817.D (-510) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 5965

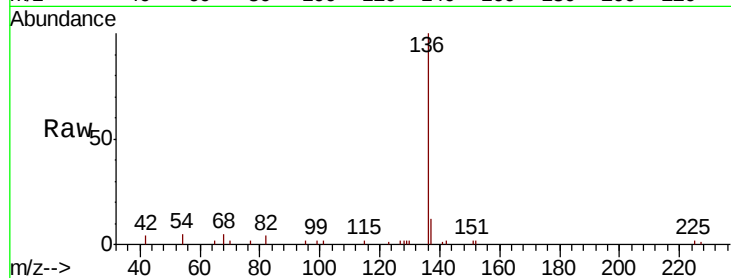
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 5.2 4.2 6.2

68 4.9 3.9 5.9

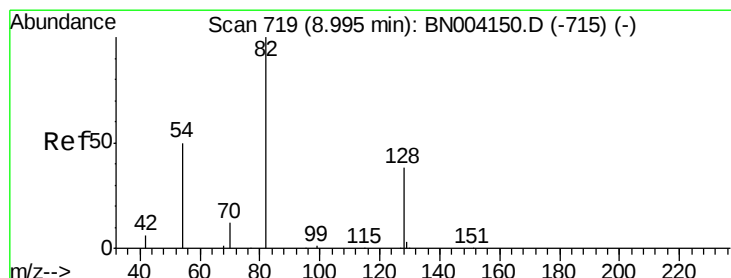
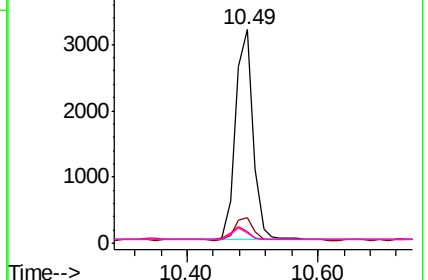
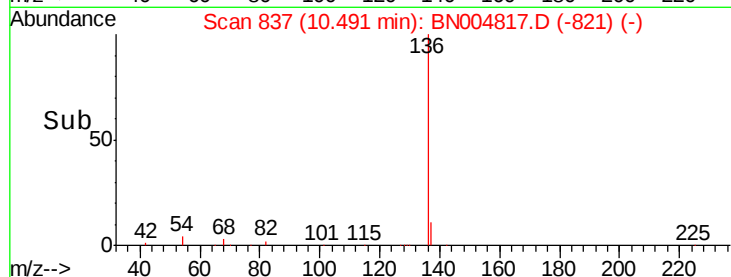


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.407 ng

RT: 8.87 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

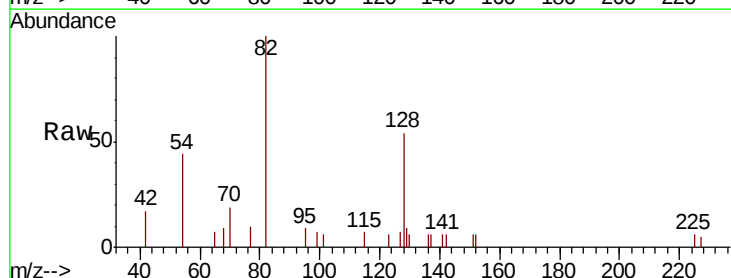
Tgt Ion: 82 Resp: 1564

Ion Ratio Lower Upper

82 100

128 53.8 43.0 64.6

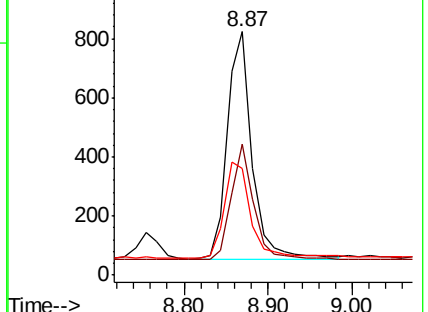
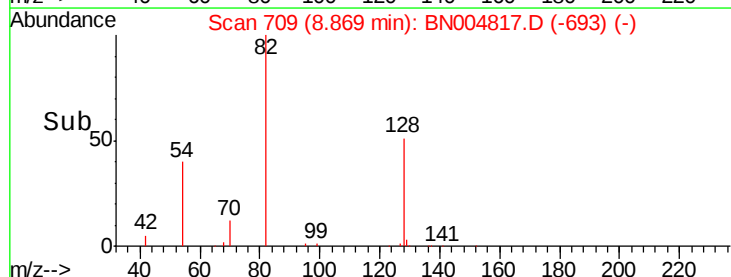
54 44.1 35.3 52.9

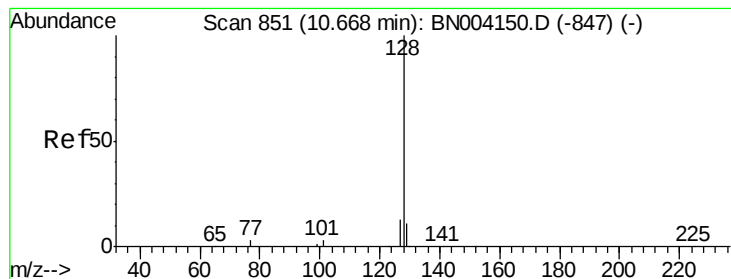


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.457 ng

RT: 10.54 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

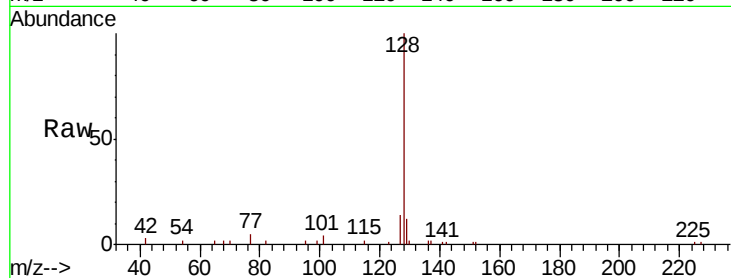
Tot Ion:128 Resp: 6773

Ion Ratio Lower Upper

128 100

129 12.4 9.9 14.9

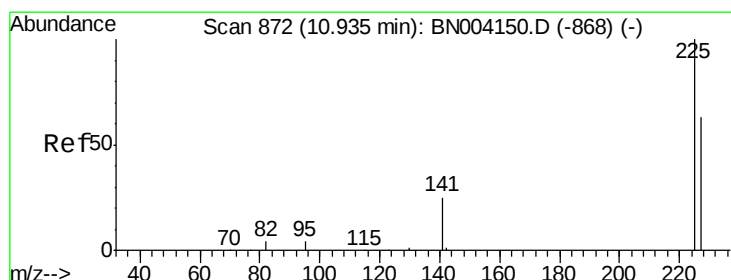
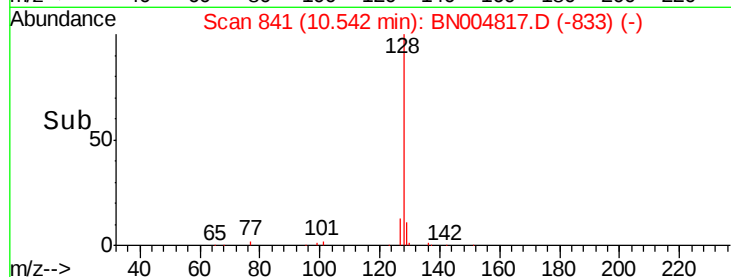
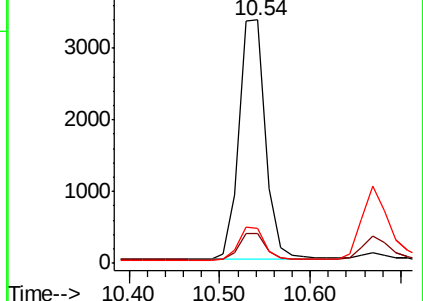
127 14.1 11.3 16.9



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: 0.510 ng

RT: 10.81 min Scan# 862

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

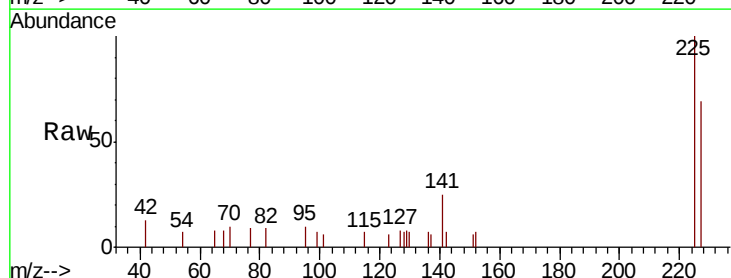
Tgt Ion:225 Resp: 1288

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

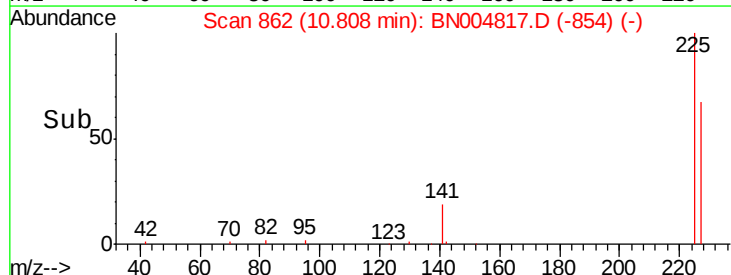
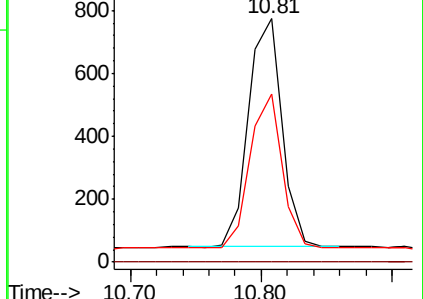
227 65.3 52.2 78.4

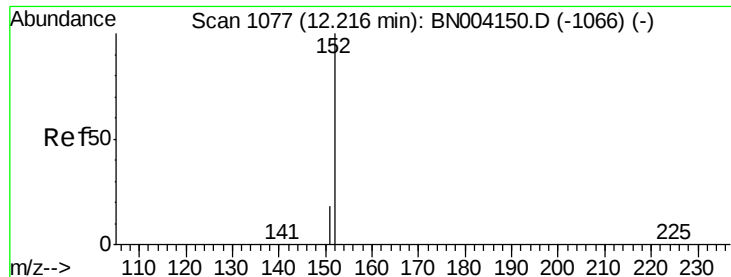


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

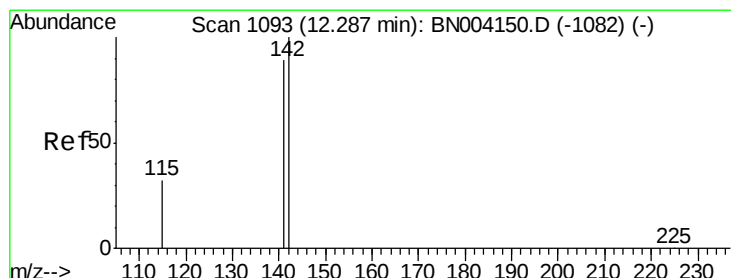
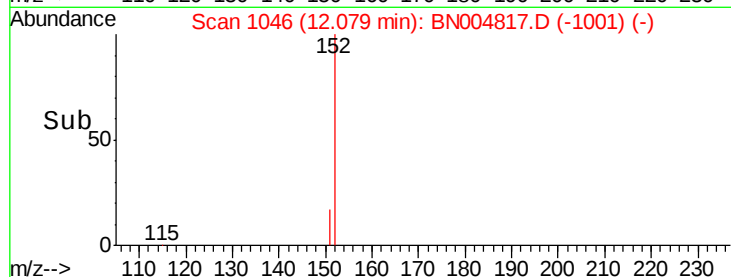
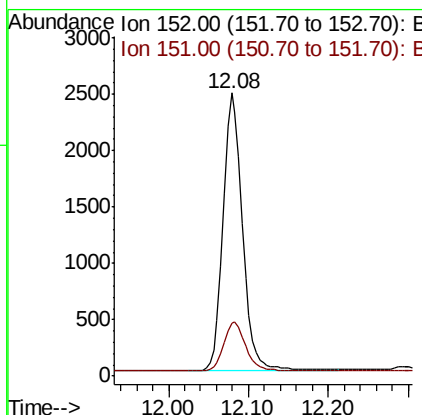
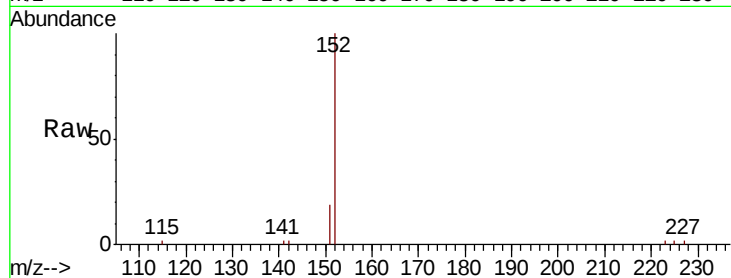




#11
 2-Methylnaphthalene-d10
 Concen: 0.415 ng
 RT: 12.08 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BN004817.D
 Acq: 20 Mar 2019 12:19

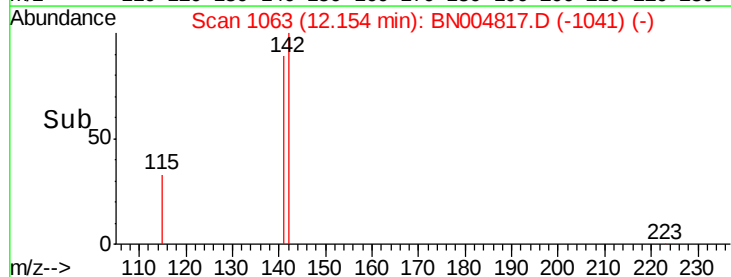
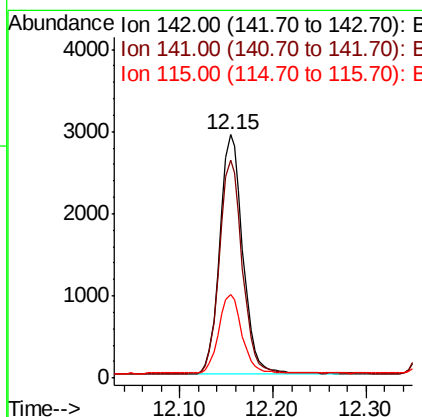
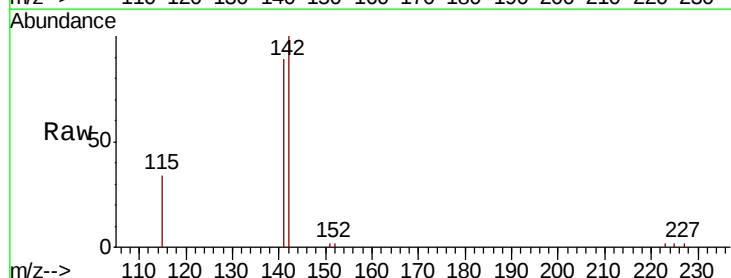
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

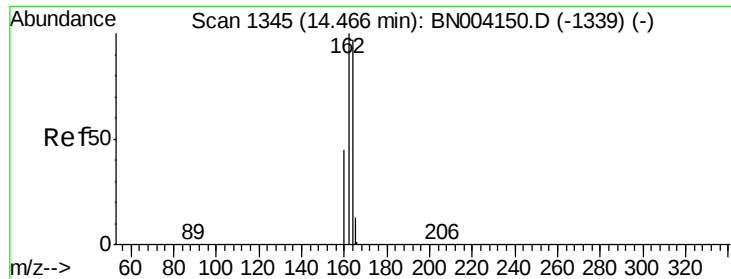
Tot Ion:152 Resp: 4159
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.468 ng
 RT: 12.15 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BN004817.D
 Acq: 20 Mar 2019 12:19

Tgt Ion:142 Resp: 5019
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.4 107.2
 115 34.4 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

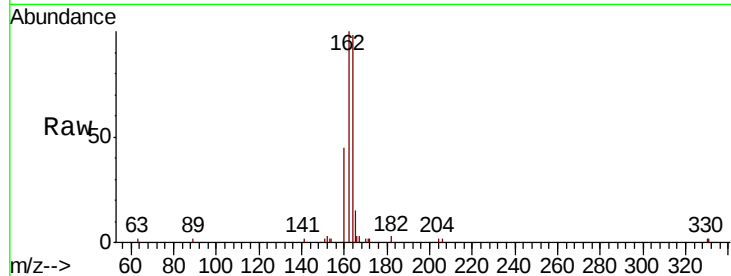
Tot Ion:164 Resp: 3877

Ion Ratio Lower Upper

164 100

162 102.4 81.9 122.9

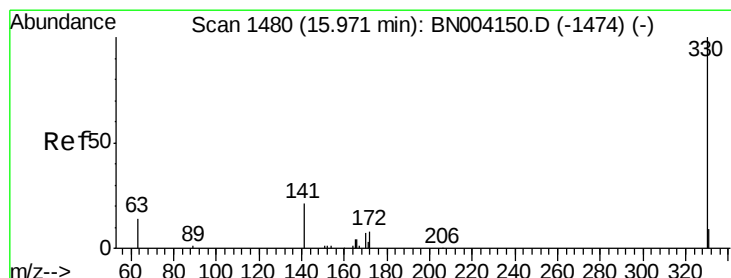
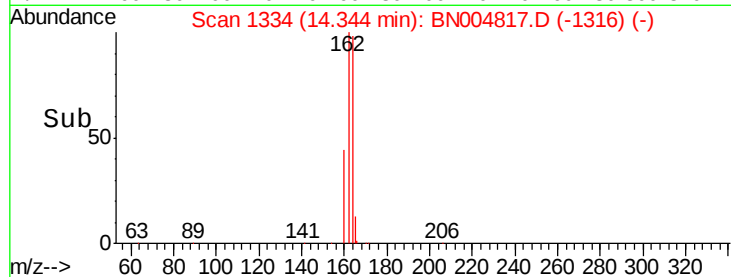
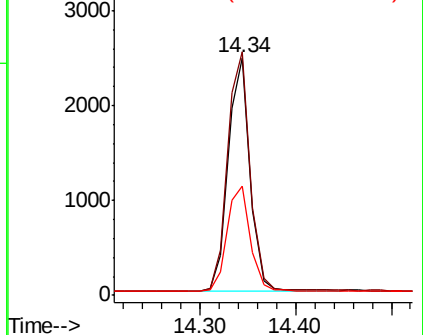
160 45.7 36.6 54.8



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: 0.433 ng

RT: 15.85 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

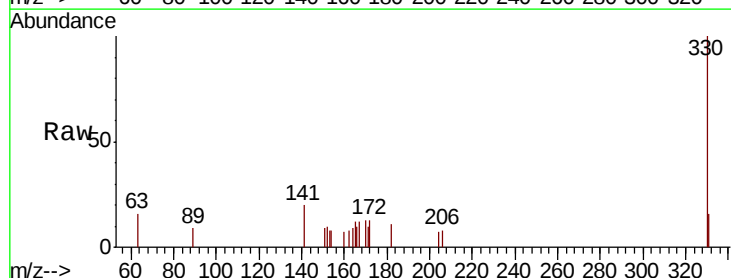
Tgt Ion:330 Resp: 1006

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

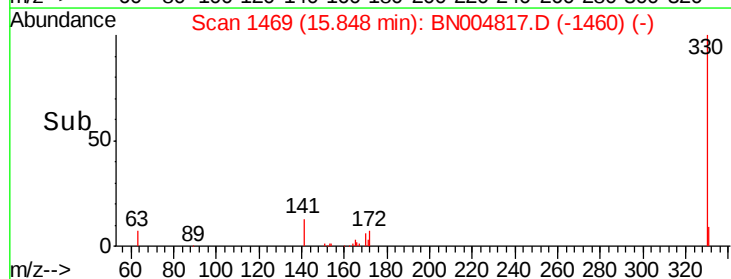
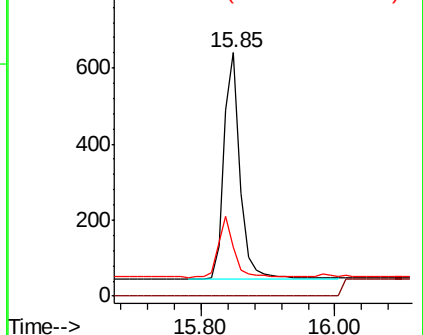
141 26.1 20.9 31.3

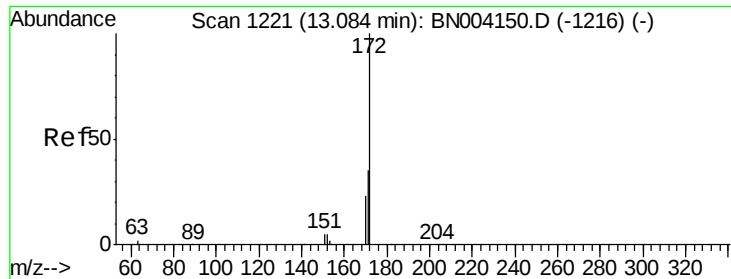


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

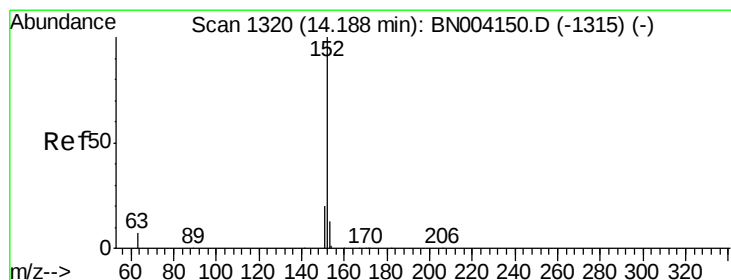
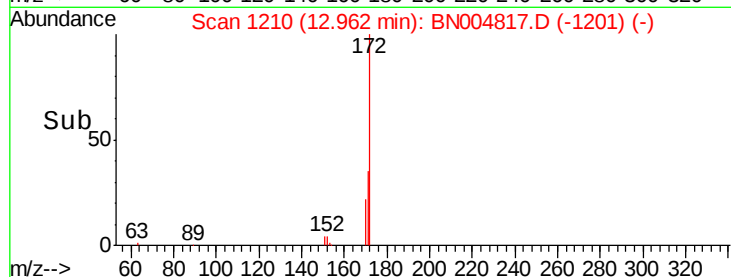
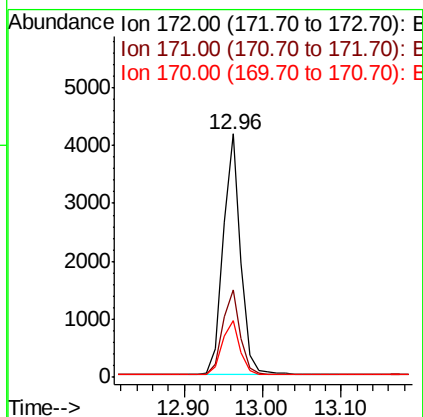
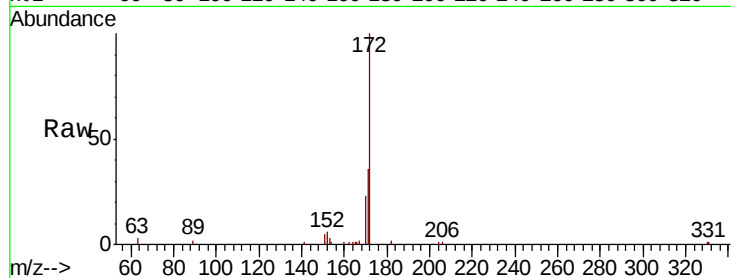




#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 12.96 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BN004817.D
Acq: 20 Mar 2019 12:19

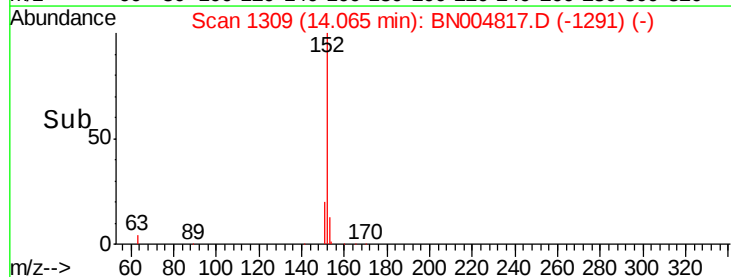
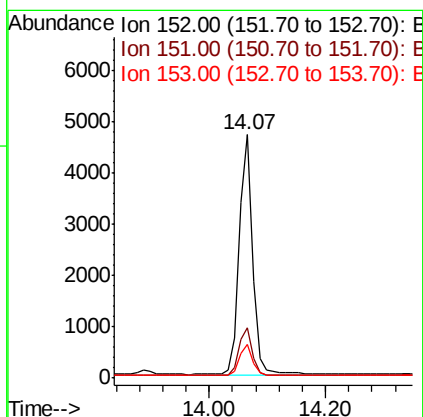
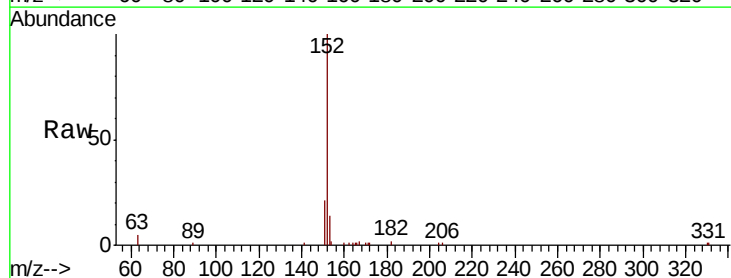
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

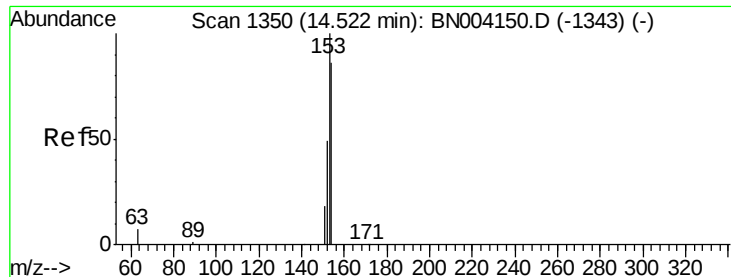
Tot Ion:172 Resp: 6523
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.4 18.7 28.1



#16
Acenaphthylene
Concen: 0.417 ng
RT: 14.07 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BN004817.D
Acq: 20 Mar 2019 12:19

Tgt Ion:152 Resp: 7610
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.442 ng

RT: 14.40 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

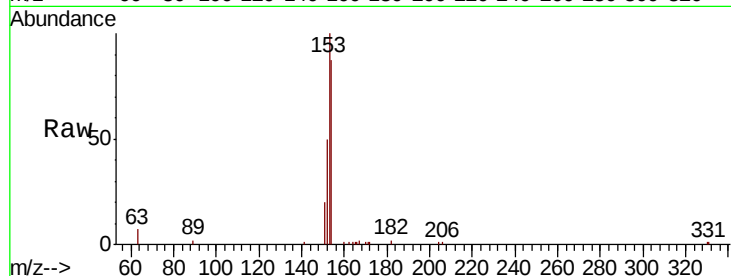
Tot Ion:154 Resp: 5284

Ion Ratio Lower Upper

154 100

153 114.3 91.4 137.2

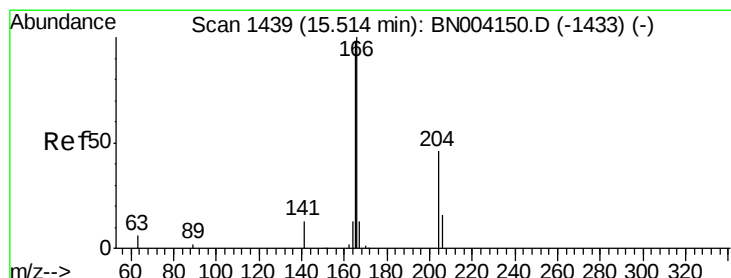
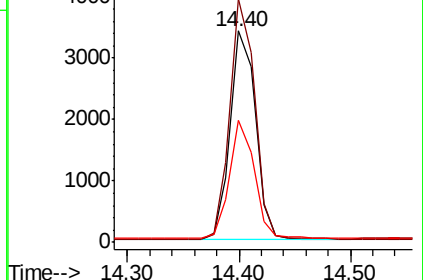
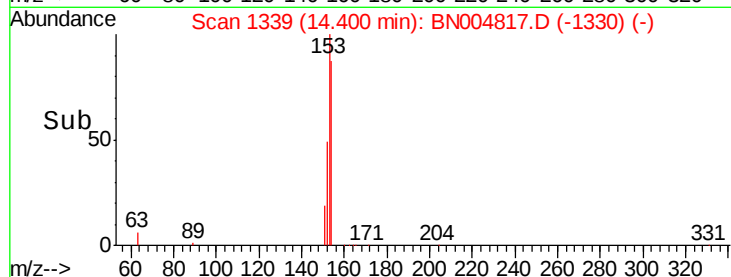
152 55.2 44.2 66.2



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: 0.493 ng

RT: 15.39 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

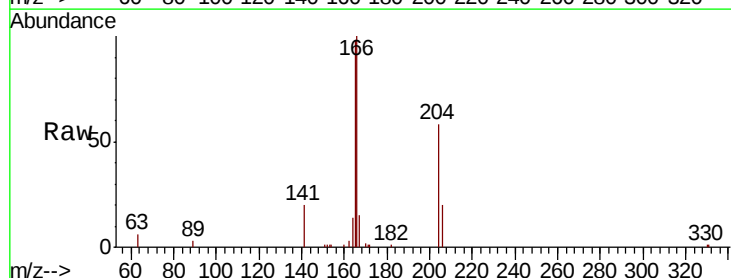
Tgt Ion:166 Resp: 7443

Ion Ratio Lower Upper

166 100

165 97.8 78.2 117.4

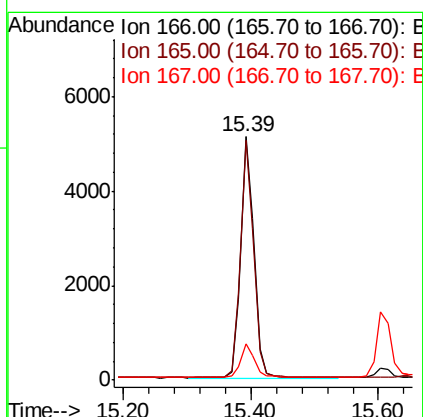
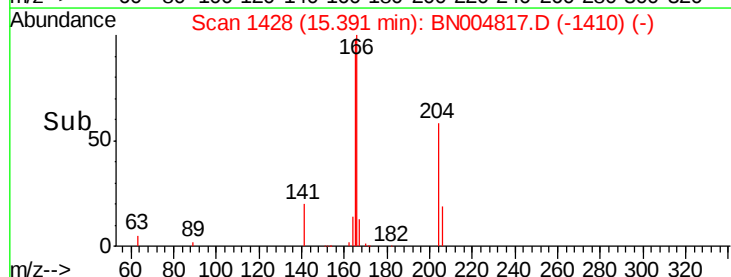
167 13.7 11.0 16.4

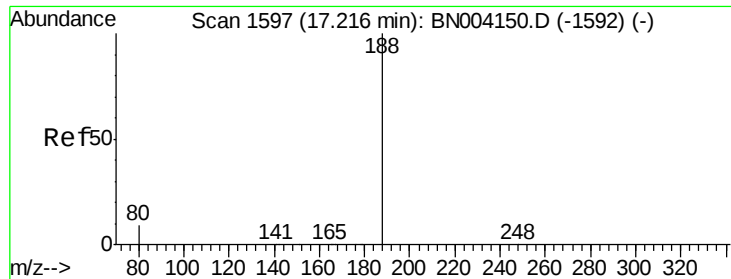


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.09 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

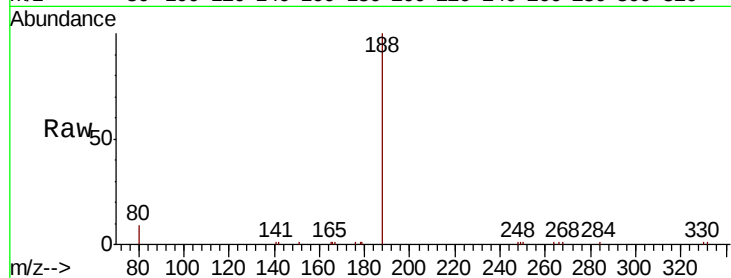
Tot Ion:188 Resp: 10086

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

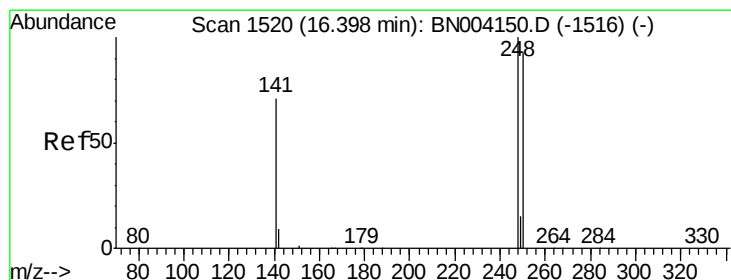
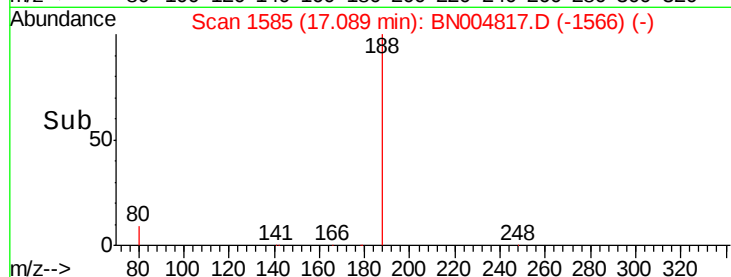
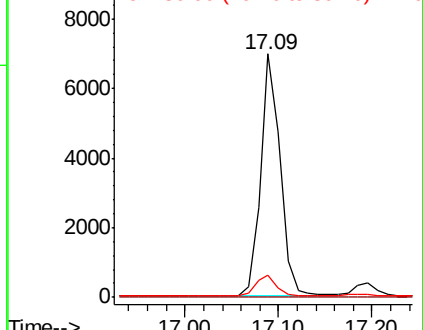
80 9.3 7.4 11.2



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: 0.468 ng

RT: 16.28 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

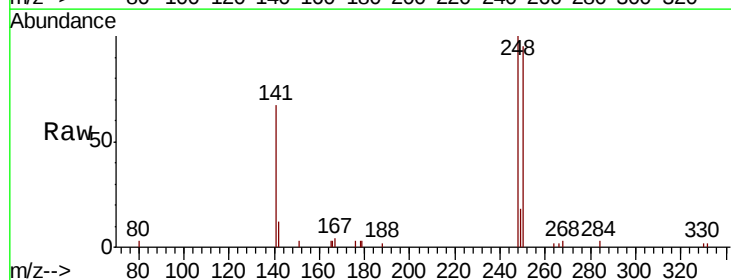
Tgt Ion:248 Resp: 2617

Ion Ratio Lower Upper

248 100

250 95.3 76.2 114.4

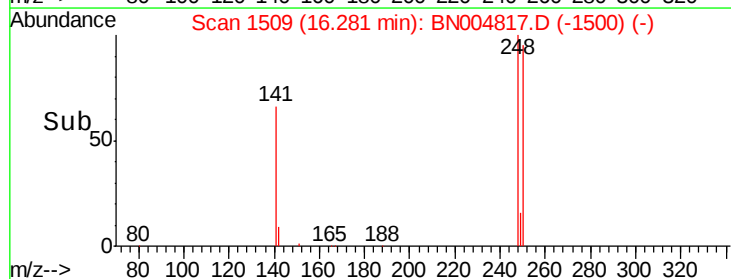
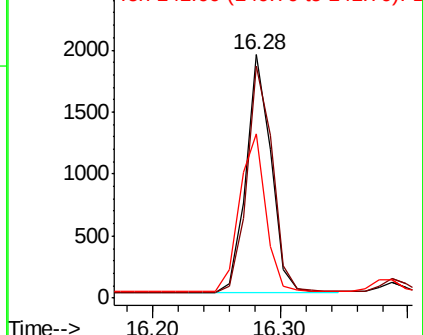
141 67.4 53.9 80.9

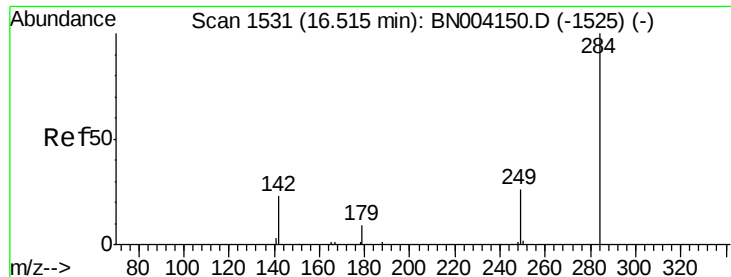


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.481 ng

RT: 16.39 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

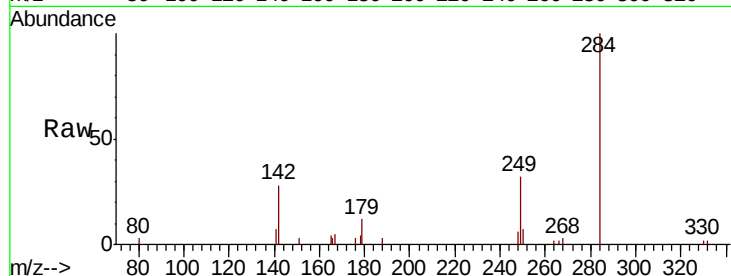
Tot Ion:284 Resp: 3053

Ion Ratio Lower Upper

284 100

142 28.3 22.6 34.0

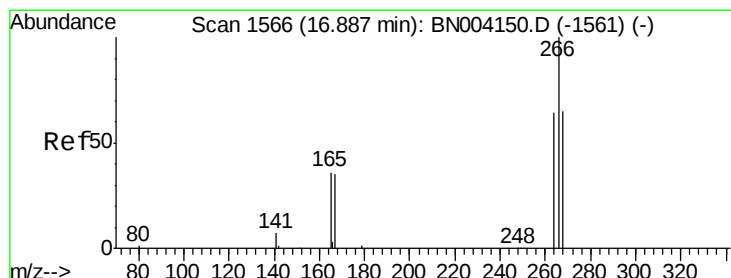
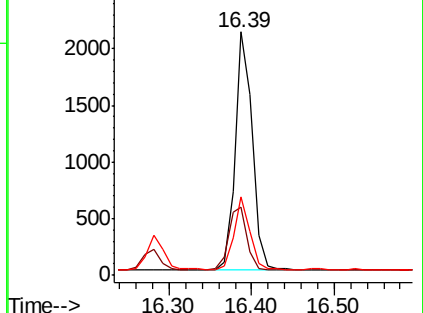
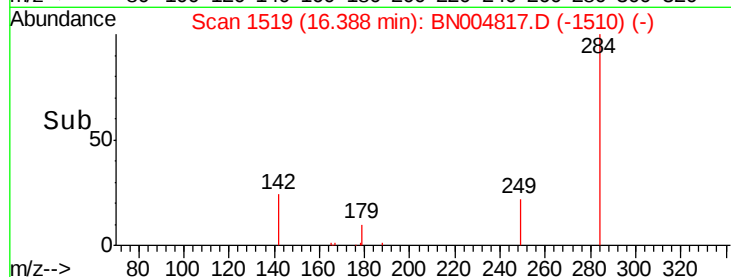
249 28.1 22.5 33.7



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: 0.385 ng

RT: 16.76 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

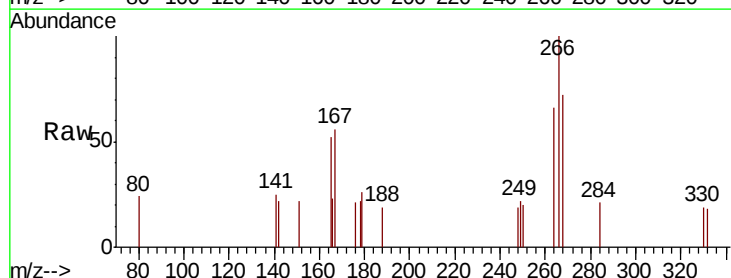
Tgt Ion:266 Resp: 448

Ion Ratio Lower Upper

266 100

264 66.4 53.1 79.7

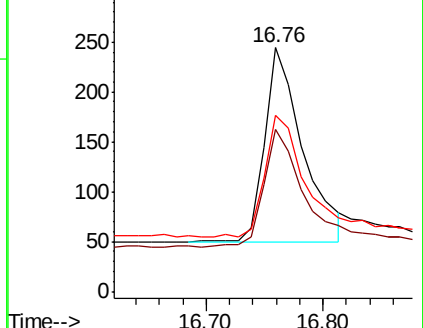
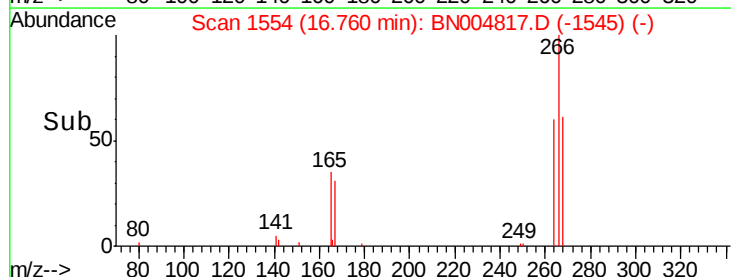
268 72.1 57.7 86.5

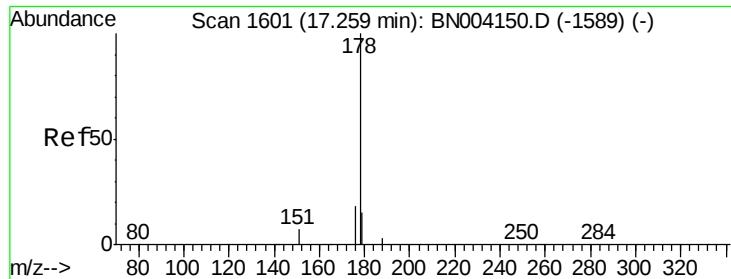


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.483 ng

RT: 17.13 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

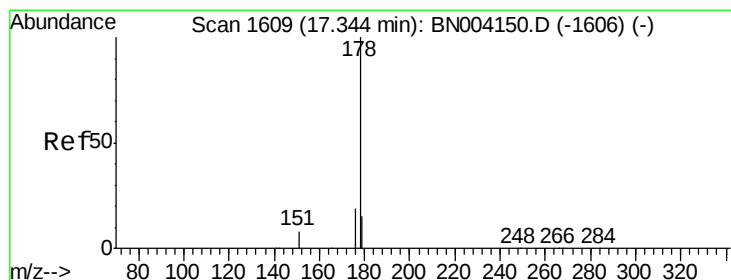
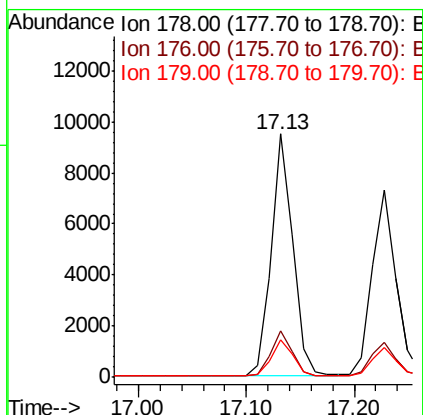
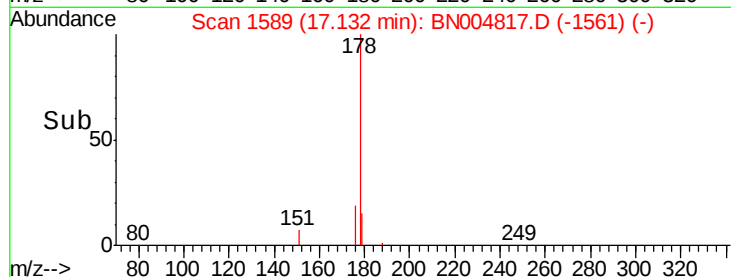
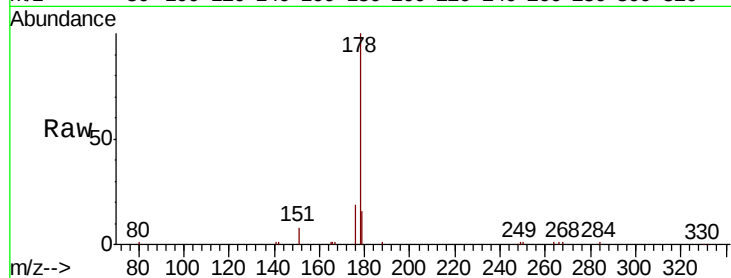
Tot Ion:178 Resp: 13152

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

179 15.1 12.1 18.1



#24

Anthracene

Concen: 0.453 ng

RT: 17.23 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

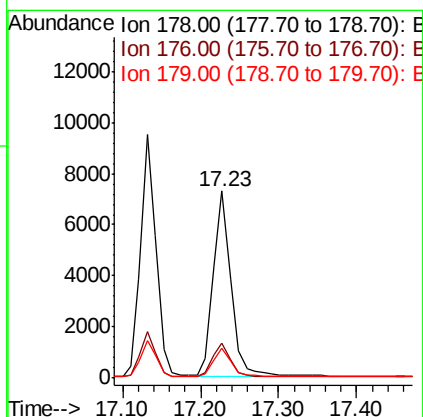
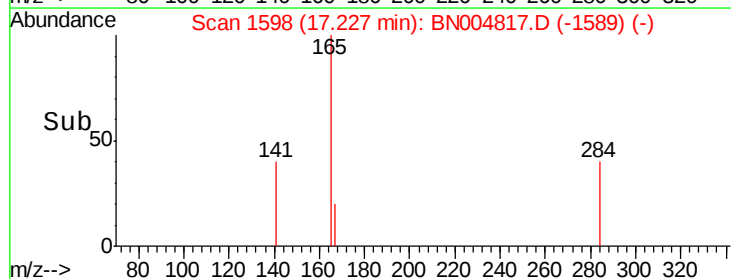
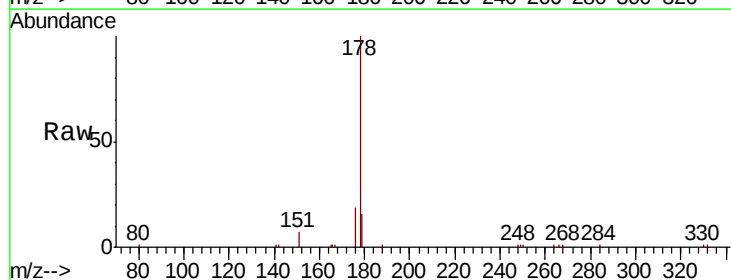
Tgt Ion:178 Resp: 11387

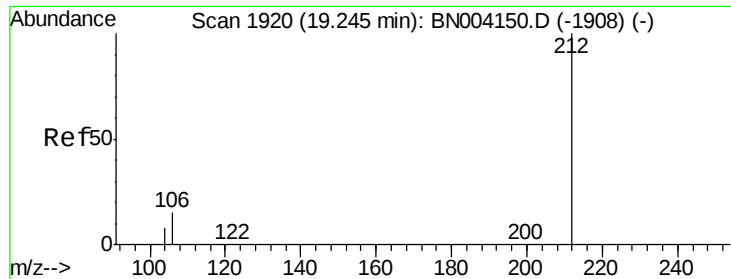
Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

179 15.3 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.451 ng

RT: 19.13 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

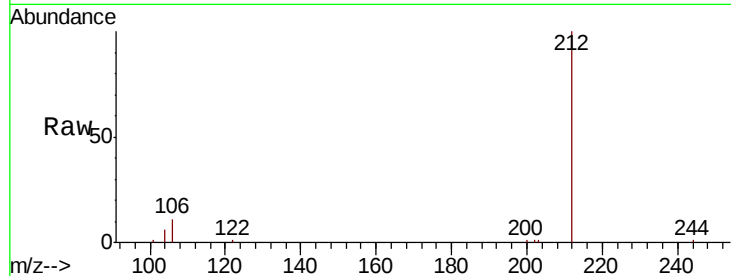
Tot Ion:212 Resp: 13407

Ion Ratio Lower Upper

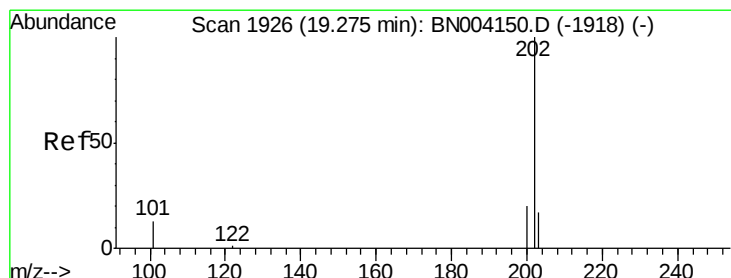
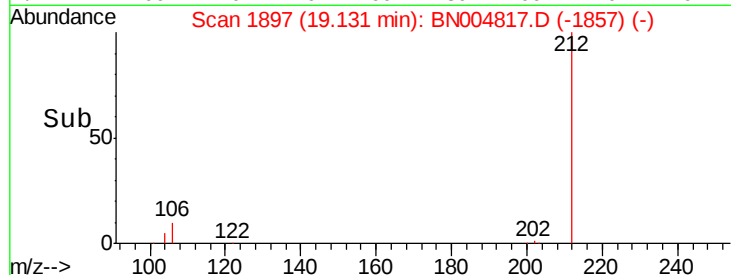
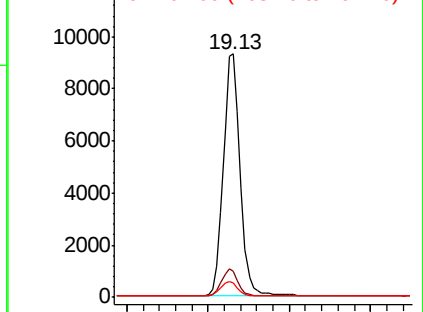
212 100

106 10.8 8.6 13.0

104 5.9 4.7 7.1



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: 0.520 ng

RT: 19.16 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

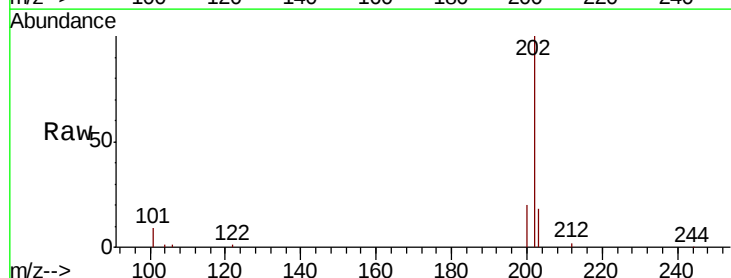
Tgt Ion:202 Resp: 16832

Ion Ratio Lower Upper

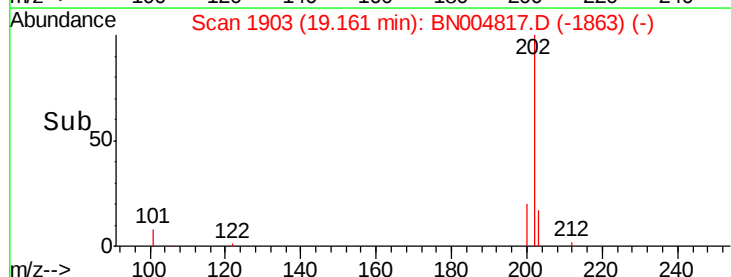
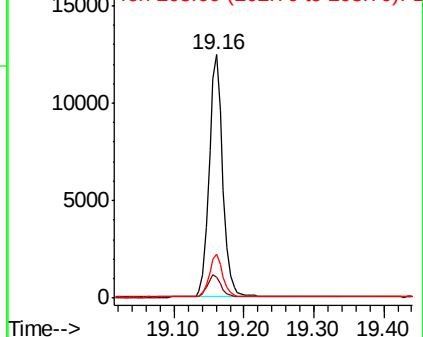
202 100

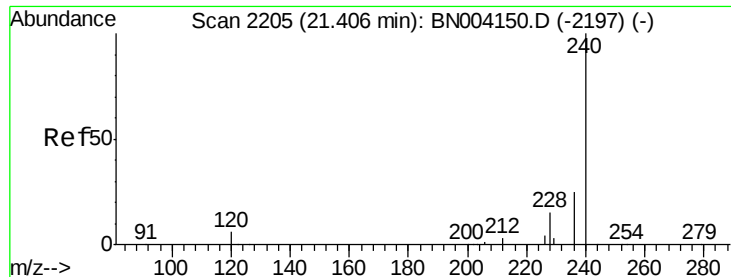
101 9.4 7.5 11.3

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: 21.29 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

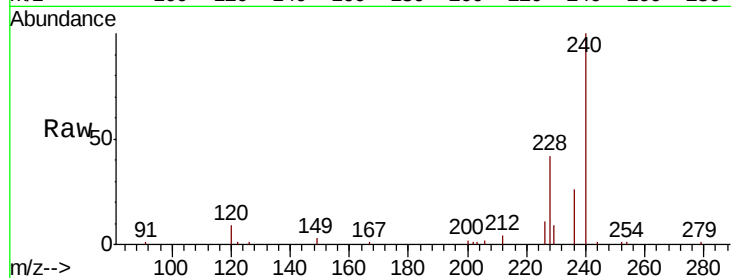
Tot Ion:240 Resp: 14076

Ion Ratio Lower Upper

240 100

120 9.0 7.2 10.8

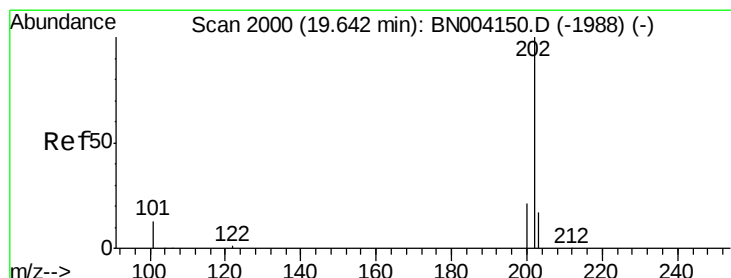
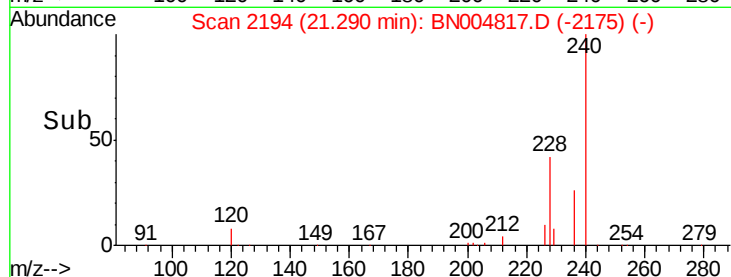
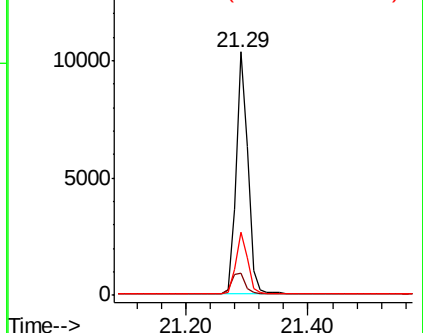
236 26.1 20.9 31.3



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: 0.396 ng

RT: 19.53 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

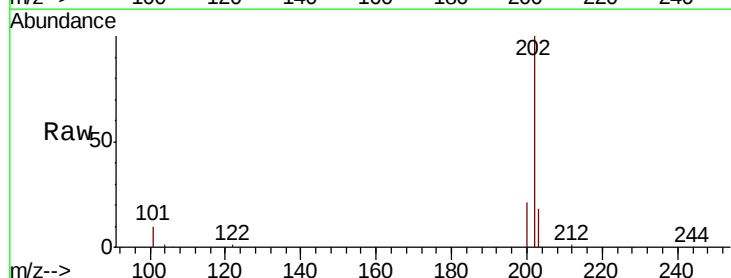
Tgt Ion:202 Resp: 17450

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

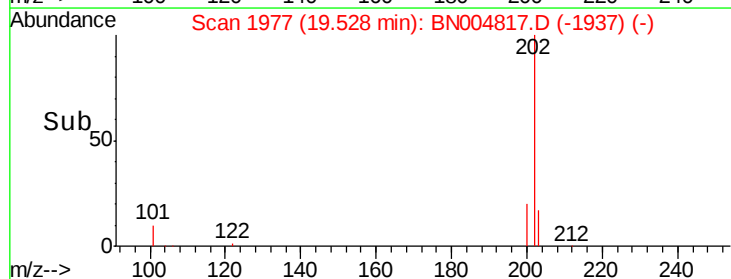
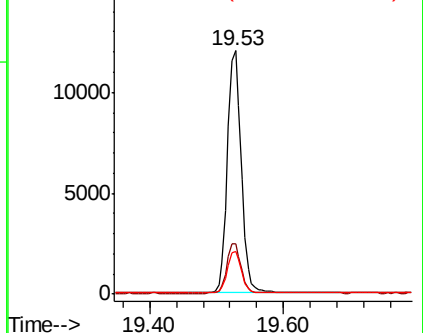
203 17.5 14.0 21.0

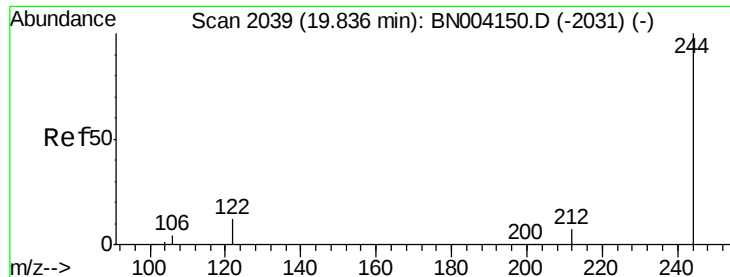


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.334 ng

RT: 19.73 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

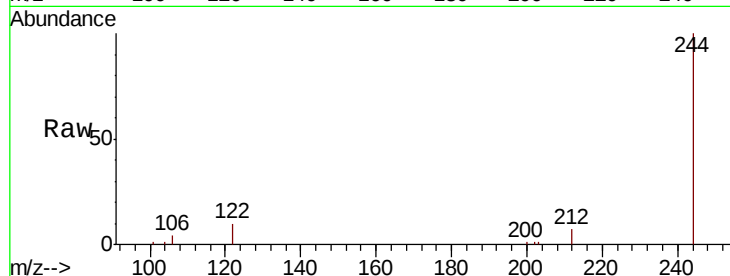
Tot Ion:244 Resp: 11645

Ion Ratio Lower Upper

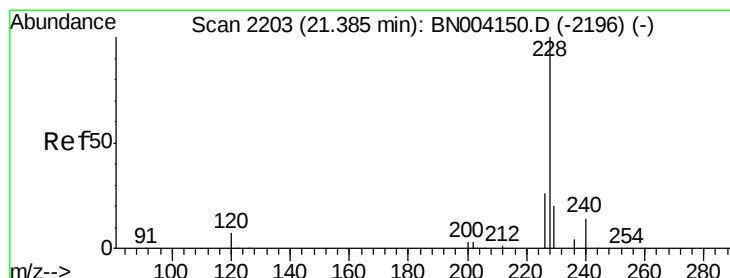
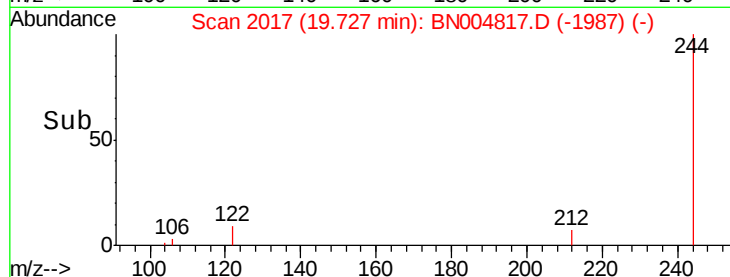
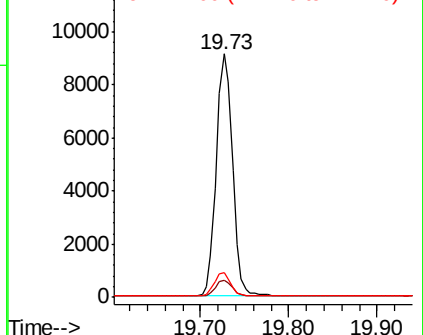
244 100

212 7.2 5.8 8.6

122 9.9 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: 0.465 ng

RT: 21.28 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

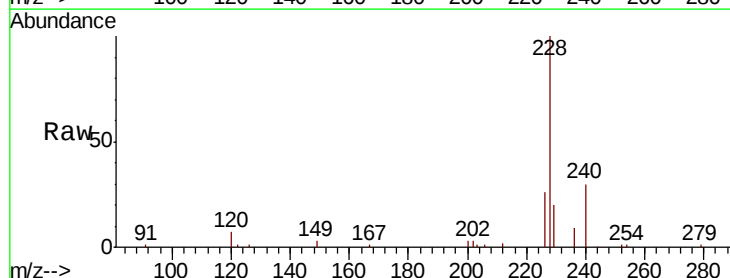
Tgt Ion:228 Resp: 18196

Ion Ratio Lower Upper

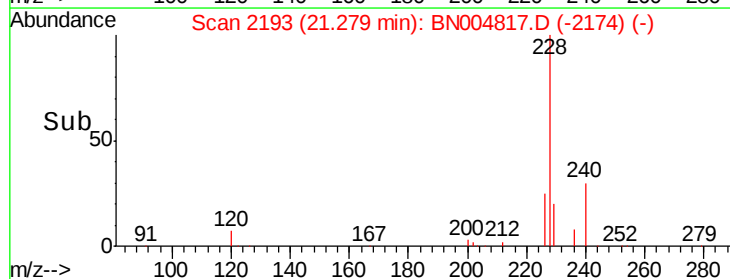
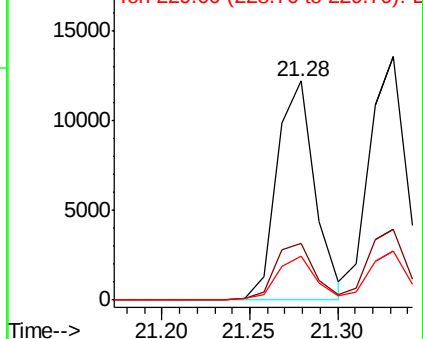
228 100

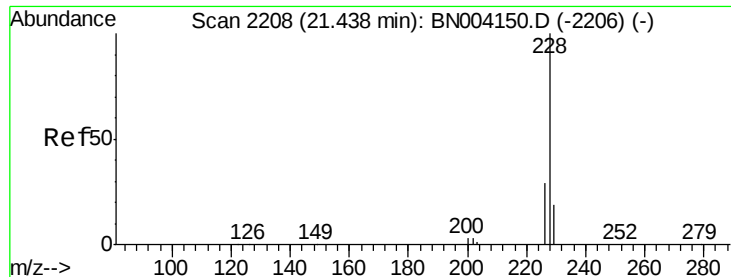
226 25.8 20.6 31.0

229 20.3 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: 0.502 ng

RT: 21.33 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

Instrument :

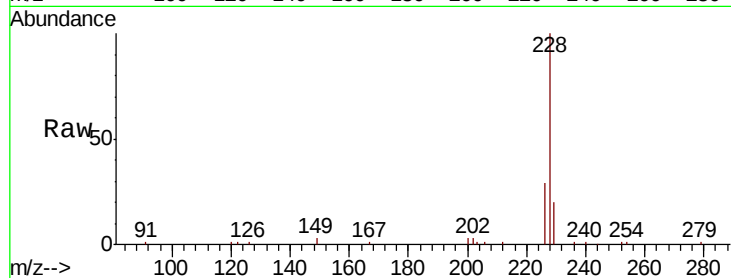
BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:228 Resp: 20071

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	20.2	16.2	24.2

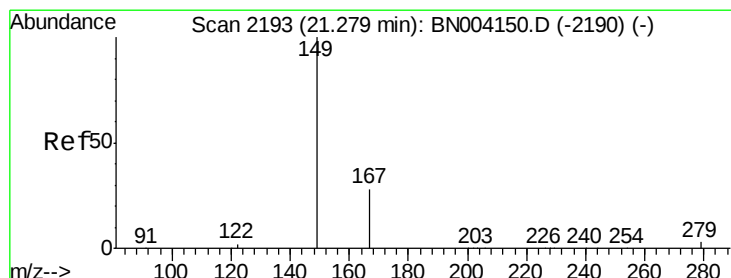
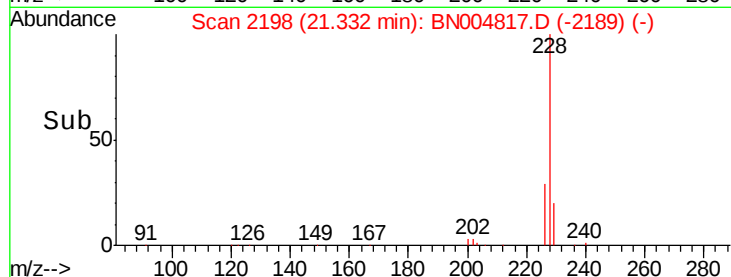
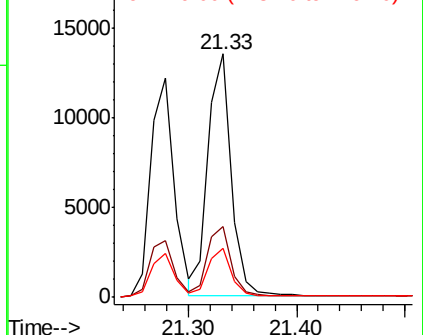


Abundance

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: 0.284 ng

RT: 21.18 min Scan# 2184

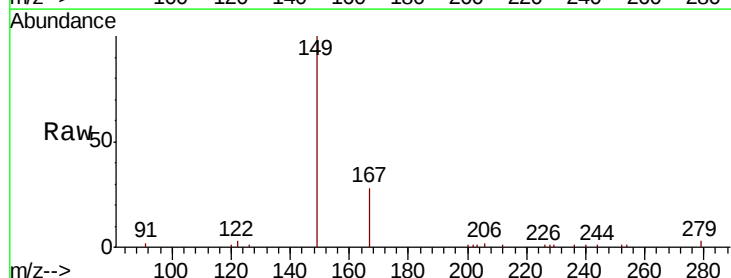
Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

Tgt Ion:149 Resp: 6795

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.0	34.4
279	5.7	4.6	6.8

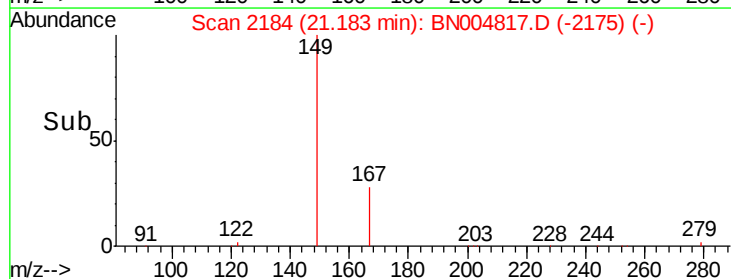
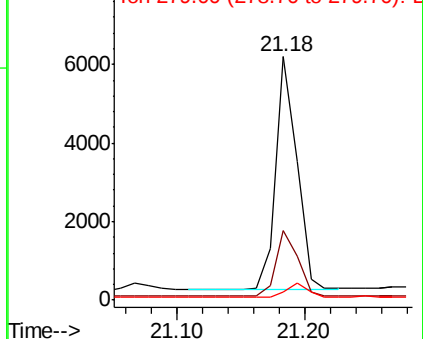


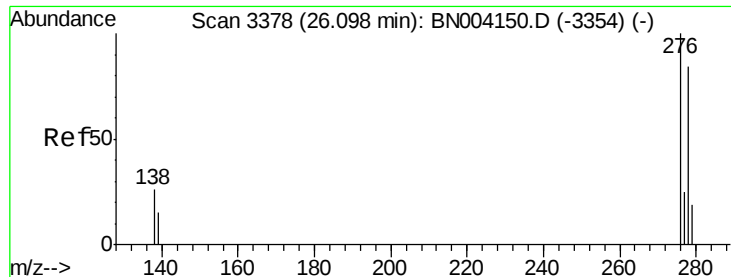
Abundance

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: 0.684 ng

RT: 25.81 min Scan# 3295

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

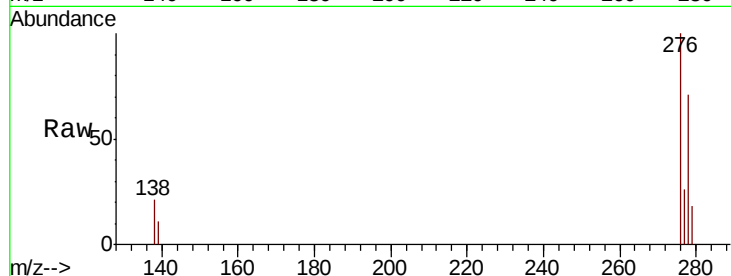
Tot Ion:276 Resp: 29136

Ion Ratio Lower Upper

276 100

138 20.7 16.6 24.8

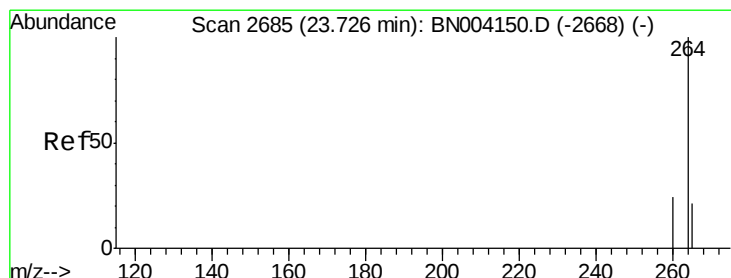
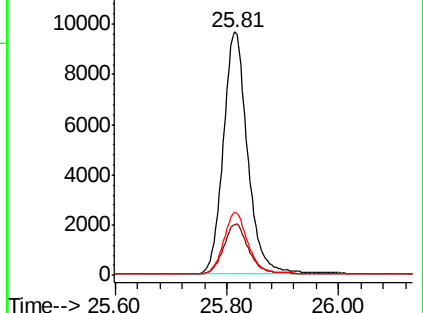
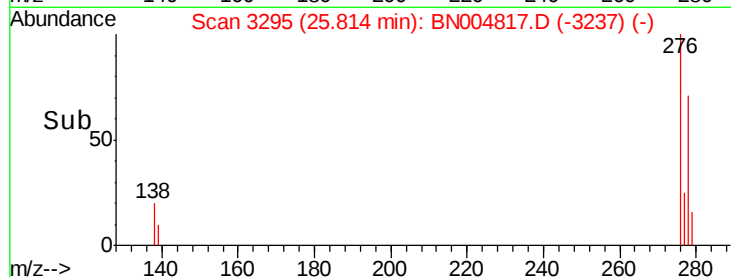
277 25.5 20.3 30.5



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: 23.55 min Scan# 2633

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

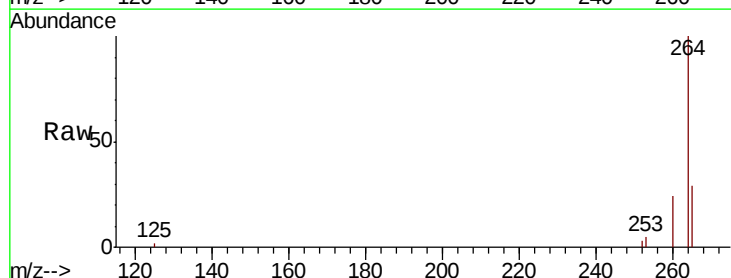
Tgt Ion:264 Resp: 15440

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

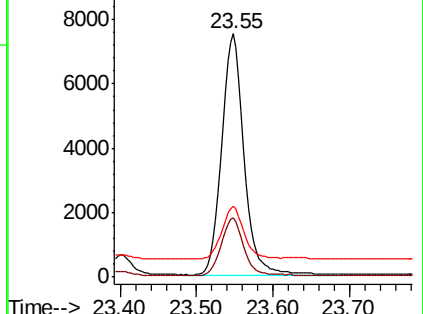
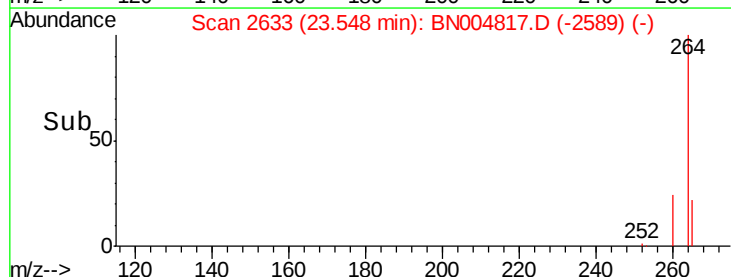
265 28.9 23.1 34.7

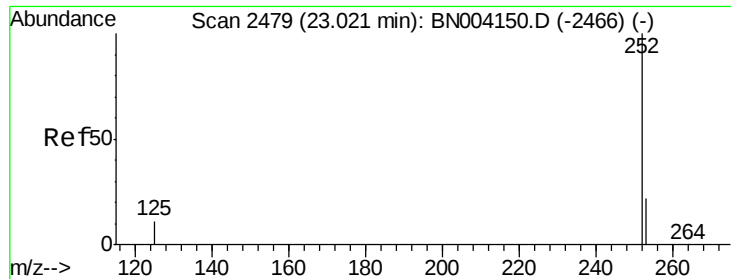


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

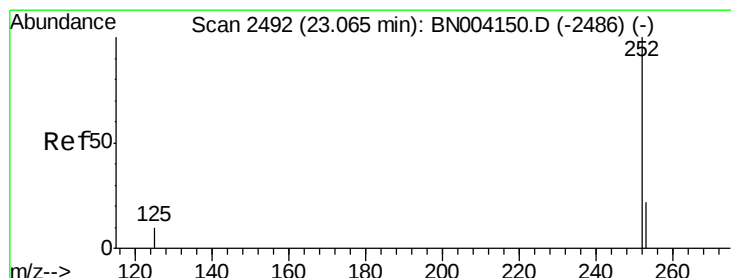
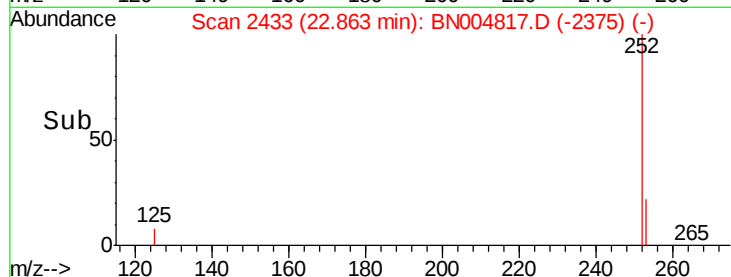
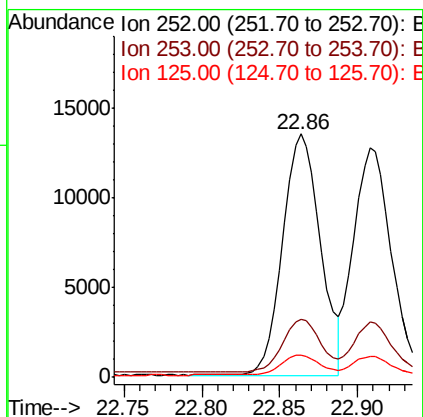
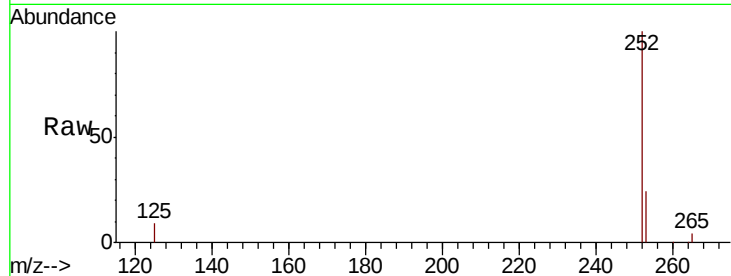




#35
Benzo(b)fluoranthene
Concen: 0.512 ng
RT: 22.86 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BN004817.D
Acq: 20 Mar 2019 12:19

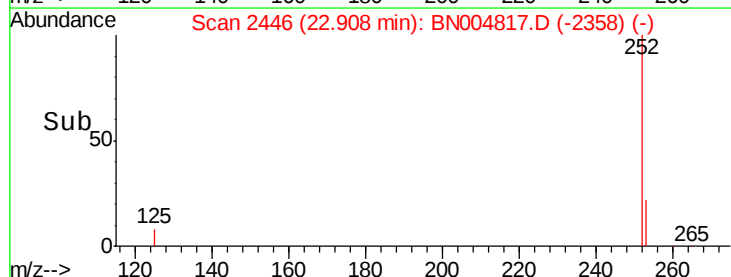
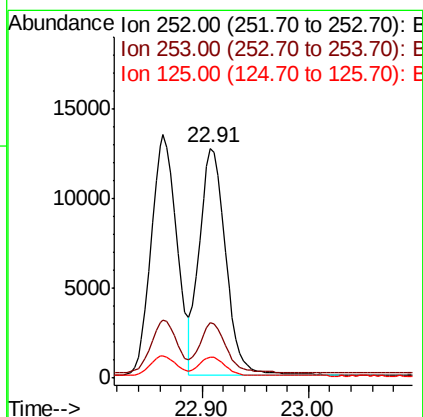
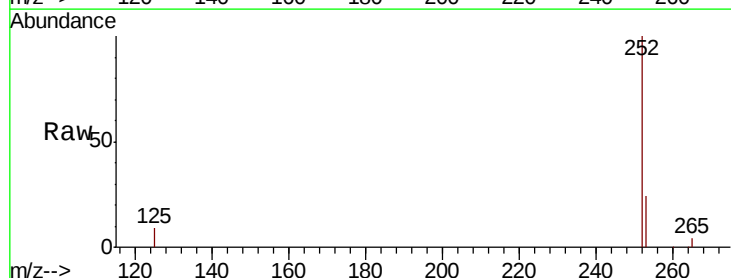
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

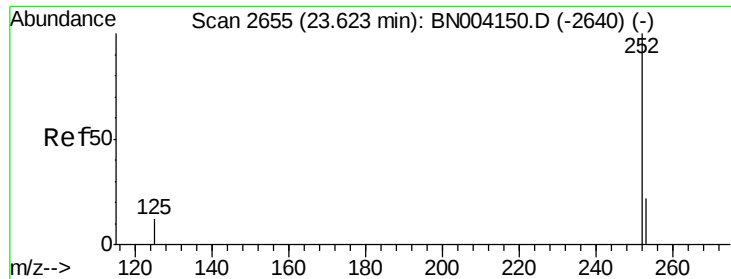
Tot Ion:252 Resp: 22738
Ion Ratio Lower Upper
252 100
253 23.7 19.0 28.4
125 9.3 7.4 11.2



#36
Benzo(k)fluoranthene
Concen: 0.465 ng
RT: 22.91 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BN004817.D
Acq: 20 Mar 2019 12:19

Tgt Ion:252 Resp: 21711
Ion Ratio Lower Upper
252 100
253 24.1 19.3 28.9
125 9.2 7.4 11.0





#37

Benzo(a)pyrene

Concen: 0.485 ng

RT: 23.45 min Scan# 2603

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

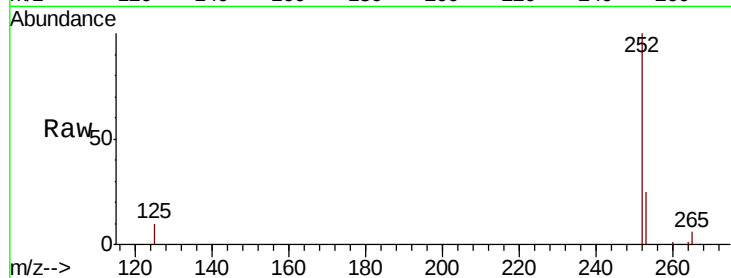
Tot Ion:252 Resp: 20397

Ion Ratio Lower Upper

252 100

253 24.6 19.7 29.5

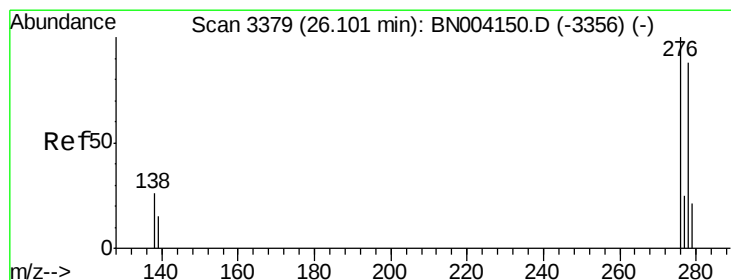
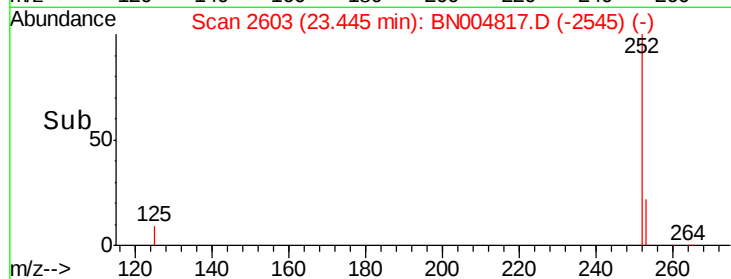
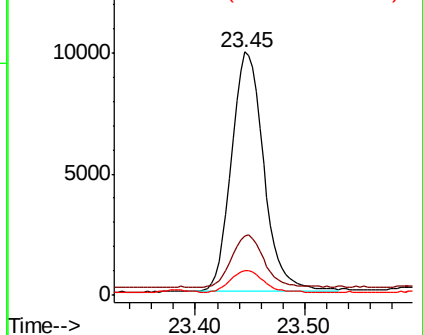
125 10.4 8.3 12.5



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: 0.572 ng

RT: 25.82 min Scan# 3298

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

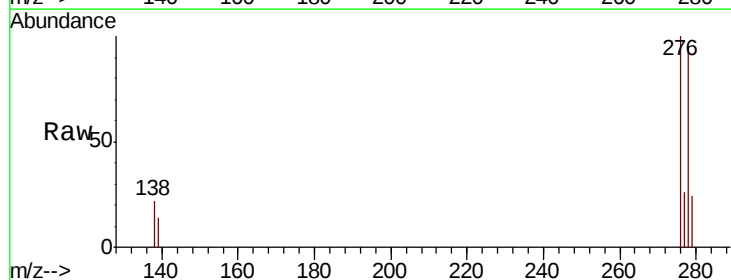
Tgt Ion:278 Resp: 24060

Ion Ratio Lower Upper

278 100

139 14.6 11.7 17.5

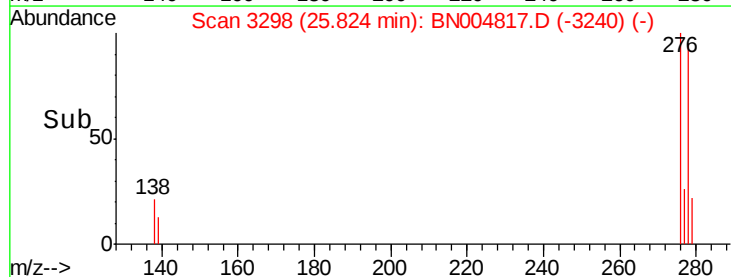
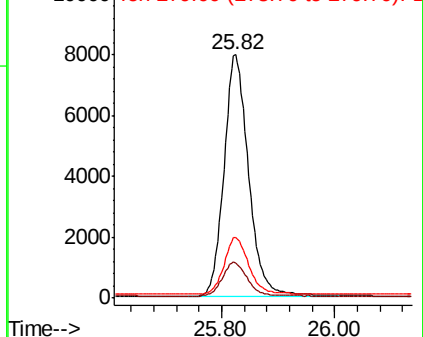
279 24.9 19.9 29.9

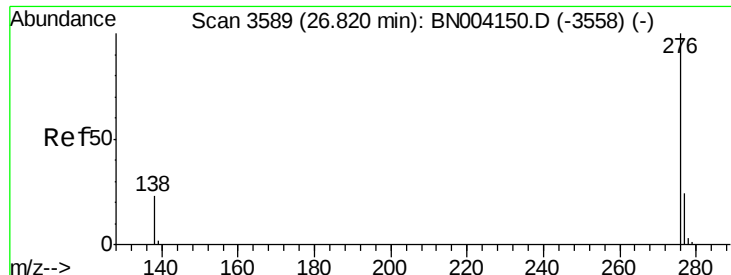


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.590 ng

RT: 26.52 min Scan# 3501

Delta R.T. 0.00 min

Lab File: BN004817.D

Acq: 20 Mar 2019 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

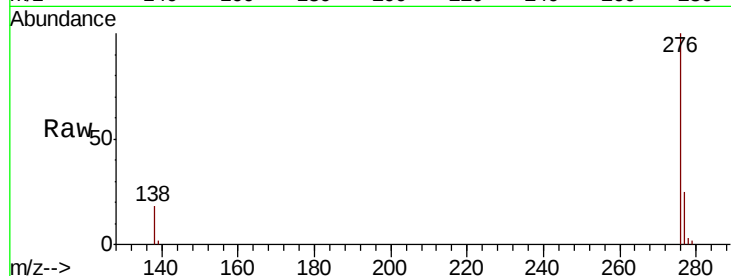
Tot Ion: 276 Resp: 24599

Ion Ratio Lower Upper

276 100

277 24.6 19.7 29.5

138 18.3 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

