

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
 Data File : BN006698.D
 Acq On : 02 Jul 2019 18:53
 Operator : HP/JU
 Sample : PB120849BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB120849BSD

Quant Time: Jul 05 05:59:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4829	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	18738	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	10061	0.40	ng	0.00
19) Phenanthrene-d10	17.03	188	21121	0.40	ng	0.00
27) Chrysene-d12	21.25	240	19806	0.40	ng	-0.01
34) Perylene-d12	23.49	264	19864	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	4799	0.37	ng	0.00
5) Phenol-d6	6.82	99	6319	0.38	ng	0.00
8) Nitrobenzene-d5	8.79	82	5252	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.00	152	11219	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1721	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	16128	0.41	ng	0.00
25) Fluoranthene-d10	19.08	212	23682	0.39	ng	0.00
29) Terphenyl-d14	19.68	244	15681	0.34	ng	0.00

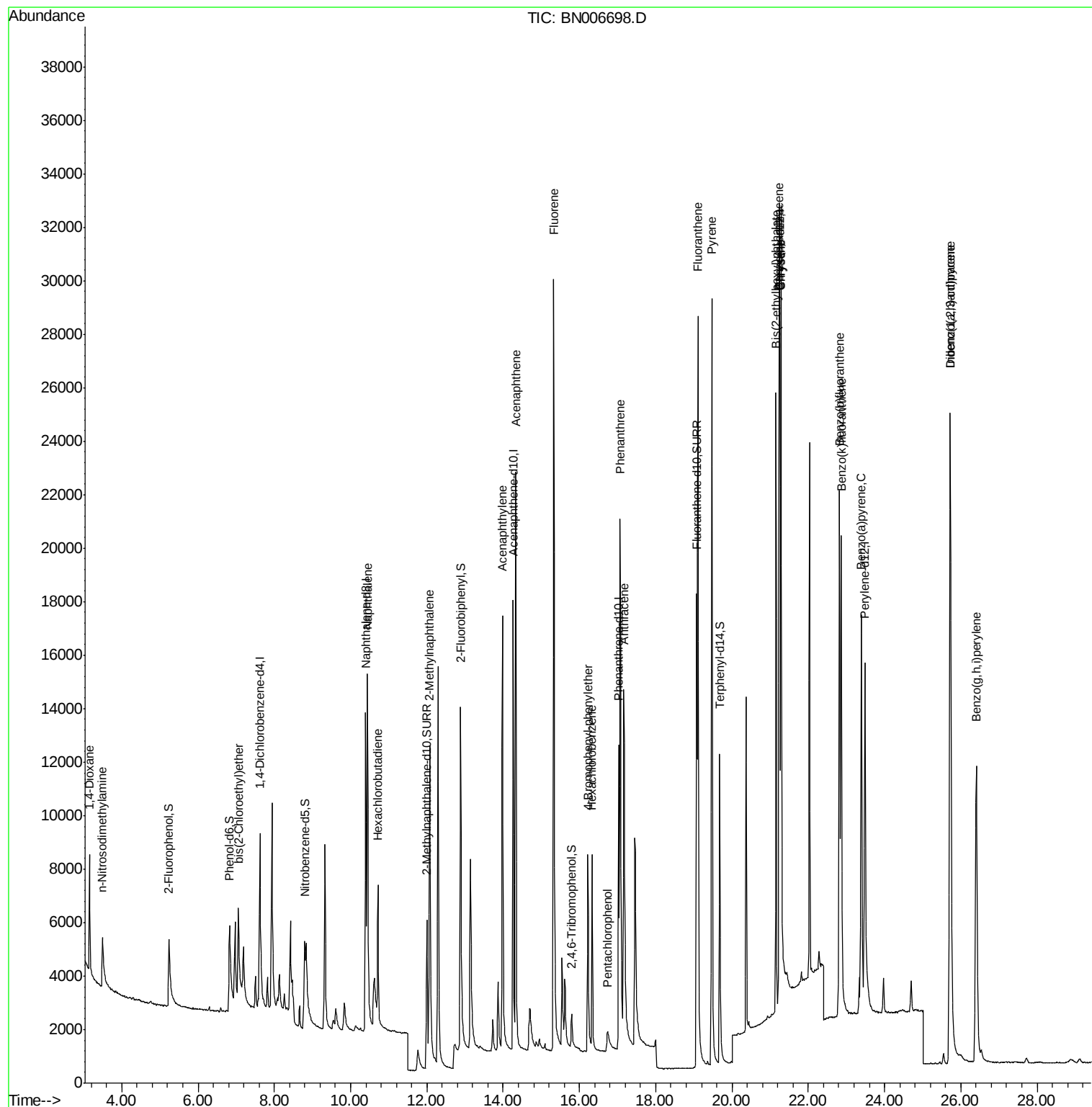
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	2800	0.371	ng	93
3) n-Nitrosodimethylamine	3.50	42	2016	0.354	ng	95
6) bis(2-Chloroethyl)ether	7.06	93	5814	0.414	ng	88
9) Naphthalene	10.44	128	20730	0.404	ng	99
10) Hexachlorobutadiene	10.72	225	4198	0.405	ng	# 100
12) 2-Methylnaphthalene	12.07	142	13277	0.364	ng	99
16) Acenaphthylene	13.99	152	20770	0.414	ng	100
17) Acenaphthene	14.33	154	13347	0.417	ng	98
18) Fluorene	15.32	166	16339	0.412	ng	100
20) 4-Bromophenyl-phenylether	16.22	248	4914	0.395	ng	94
21) Hexachlorobenzene	16.33	284	6202	0.419	ng	99
22) Pentachlorophenol	16.74	266	1441	0.788	ng	90
23) Phenanthrene	17.07	178	24924	0.409	ng	100
24) Anthracene	17.16	178	21584	0.392	ng	99
26) Fluoranthene	19.11	202	29695	0.415	ng	100
28) Pyrene	19.47	202	30594	0.386	ng	100
30) Benzo(a)anthracene	21.24	228	25180	0.369	ng	99
31) Chrysene	21.29	228	27060	0.384	ng	100
32) Bis(2-ethylhexyl)phthalate	21.15	149	21273	0.104	ng	99
33) Indeno(1,2,3-cd)pyrene	25.72	276	30749	0.365	ng	100
35) Benzo(b)fluoranthene	22.82	252	25563	0.401	ng	97
36) Benzo(k)fluoranthene	22.86	252	29010	0.420	ng	97
37) Benzo(a)pyrene	23.39	252	25504	0.413	ng	96
38) Dibenzo(a,h)anthracene	25.72	278	24399	0.398	ng	98
39) Benzo(g,h,i)perylene	26.41	276	25817	0.409	ng	97

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

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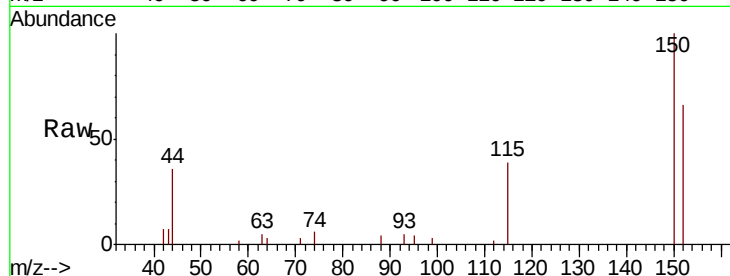


#1

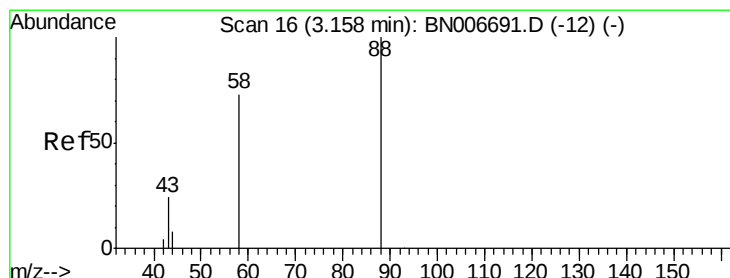
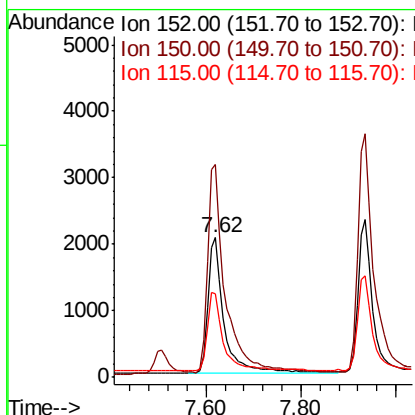
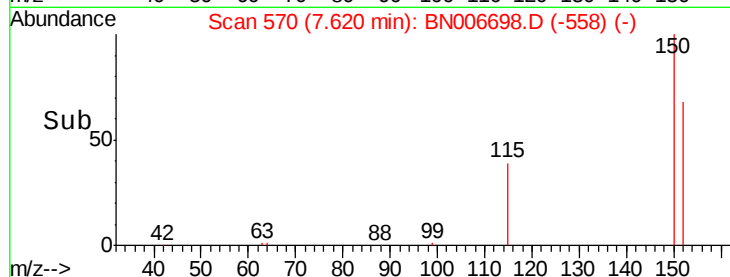
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tot Ion:152 Resp: 4829
Ion Ratio Lower Upper
152 100
150 152.3 120.6 181.0
115 59.8 51.0 76.6



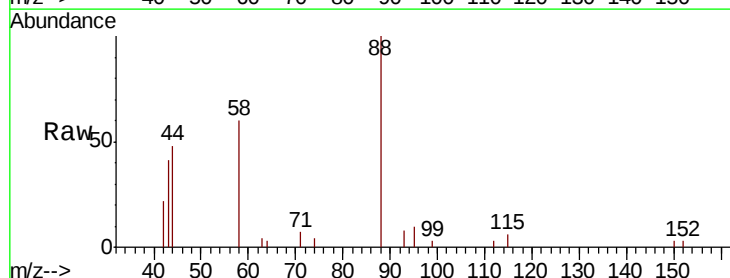
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



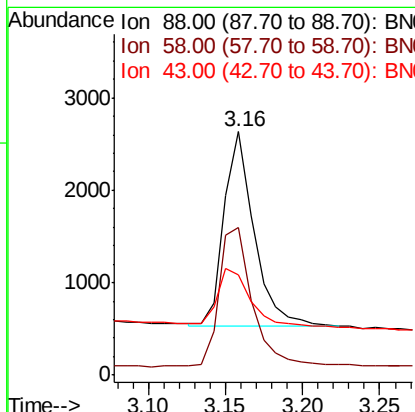
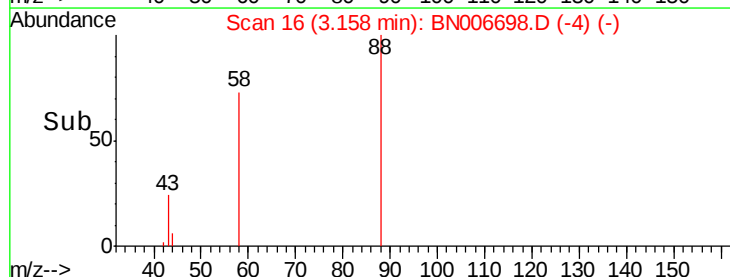
#2

1,4-Dioxane
Concen: 0.371 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion: 88 Resp: 2800
Ion Ratio Lower Upper
88 100
58 81.1 61.1 91.7
43 34.0 32.4 48.6



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



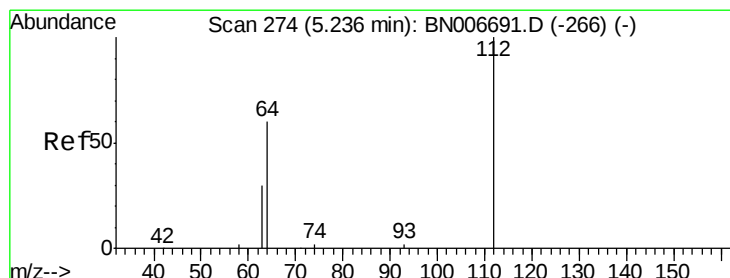
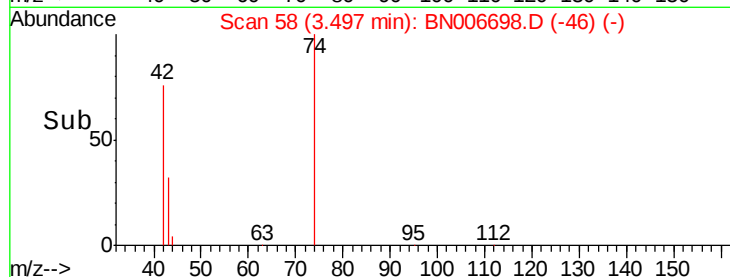
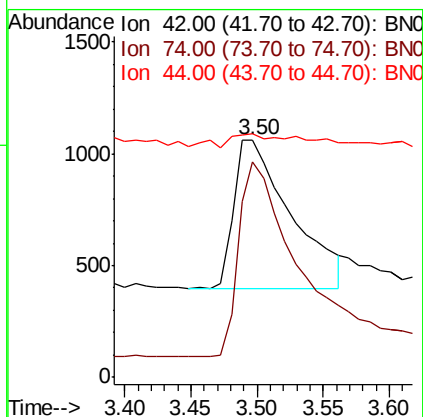
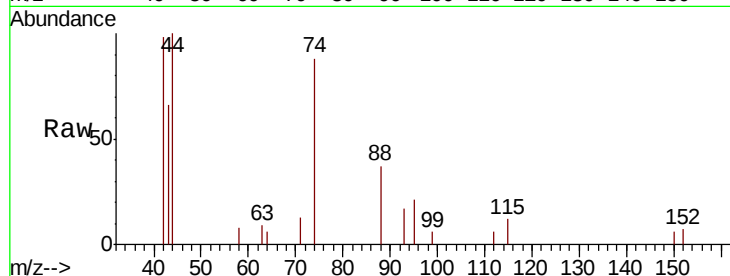


#3

n-Nitrosodimethylamine
 Concen: 0.354 ng
 RT: 3.50 min Scan# 58
 Delta R.T. -0.00 min
 Lab File: BN006698.D
 Acq: 02 Jul 2019 18:53

Instrument :
 BNA_N
 ClientSampled :
 PB120849BSD

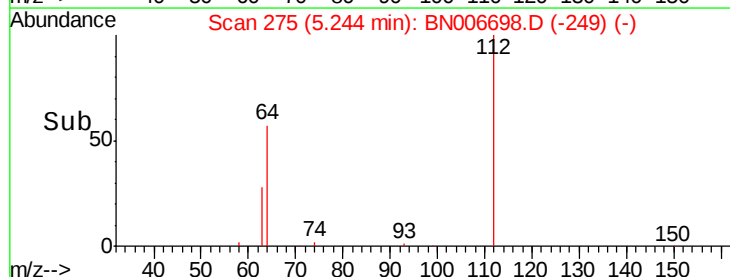
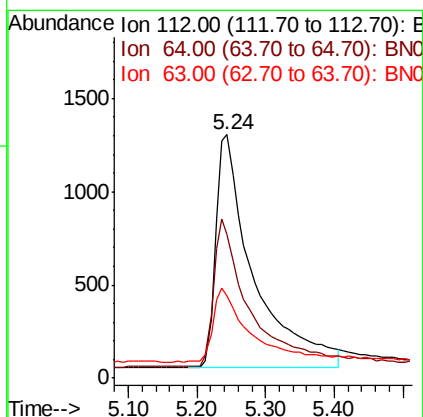
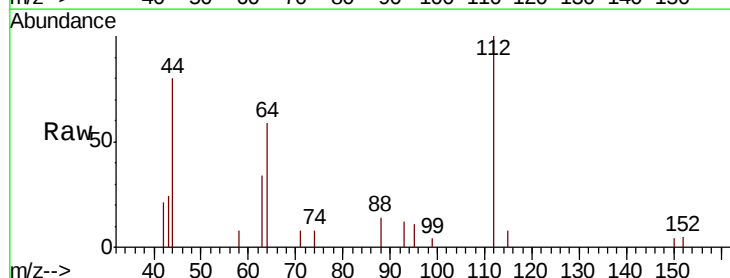
Tot Ion: 42 Resp: 2016
 Ion Ratio Lower Upper
 42 100
 74 126.9 106.6 160.0
 44 11.6 8.0 12.0

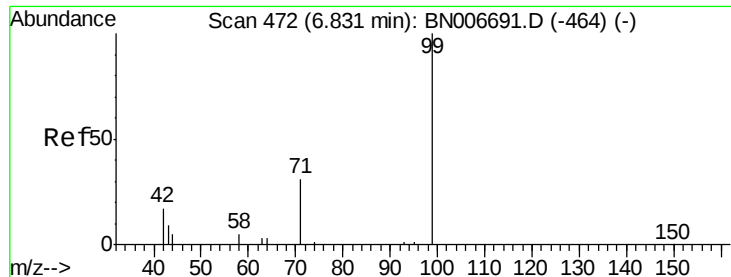


#4

2-Fluorophenol
 Concen: 0.366 ng
 RT: 5.24 min Scan# 275
 Delta R.T. 0.01 min
 Lab File: BN006698.D
 Acq: 02 Jul 2019 18:53

Tgt Ion: 112 Resp: 4799
 Ion Ratio Lower Upper
 112 100
 64 61.0 49.8 74.6
 63 30.8 25.8 38.6





#5

Phenol-d6

Concen: 0.381 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB120849BSD

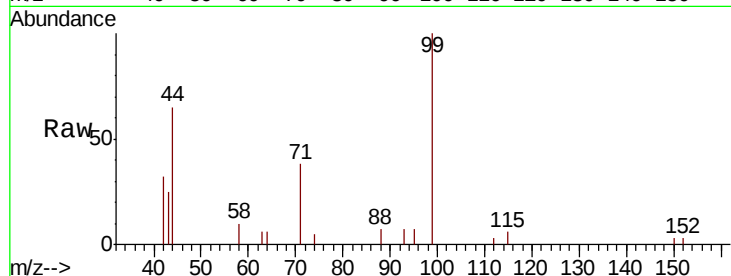
Tot Ion: 99 Resp: 6319

Ion Ratio Lower Upper

99 100

42 19.9 16.6 25.0

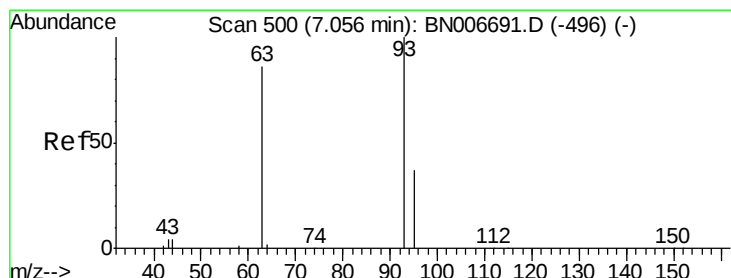
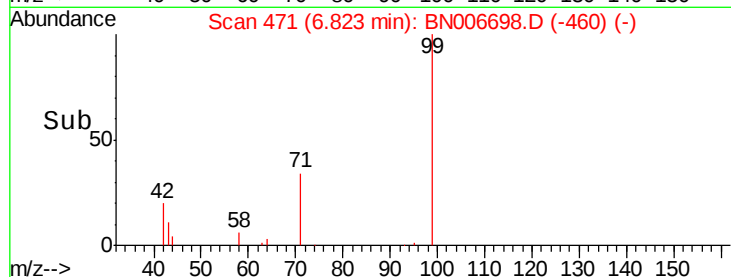
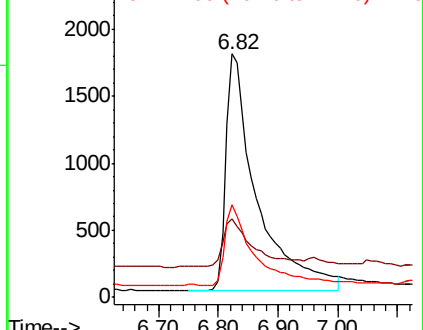
71 32.9 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BN006698.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006698.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006698.D (-460) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.414 ng

RT: 7.06 min Scan# 500

Delta R.T. -0.00 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

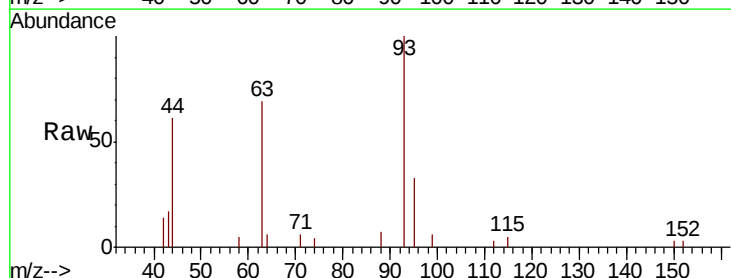
Tgt Ion: 93 Resp: 5814

Ion Ratio Lower Upper

93 100

63 62.7 58.6 87.8

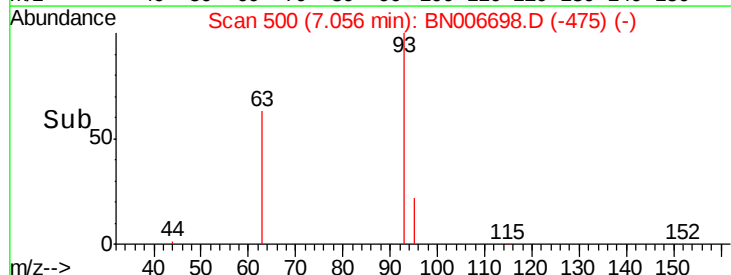
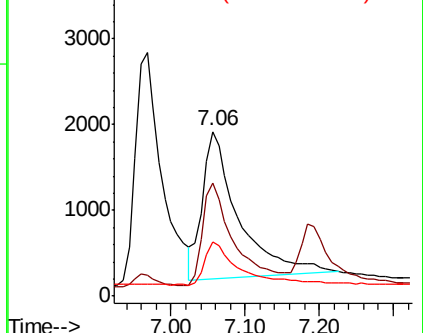
95 29.4 28.3 42.5

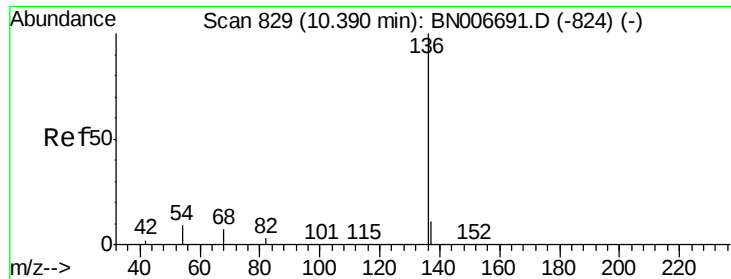


Abundance Ion 93.00 (92.70 to 93.70): BN006698.D (-475) (-)

Ion 63.00 (62.70 to 63.70): BN006698.D (-475) (-)

Ion 95.00 (94.70 to 95.70): BN006698.D (-475) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. -0.00 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB120849BSD

Tot Ion:136 Resp: 18738

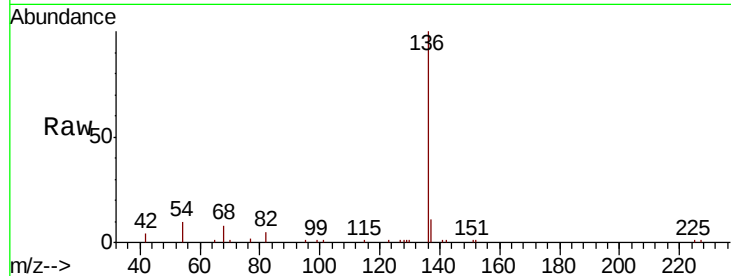
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 9.8 8.4 12.6

68 7.6 6.8 10.2

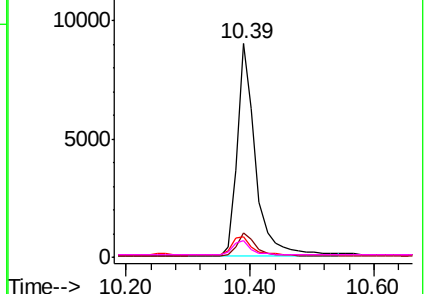
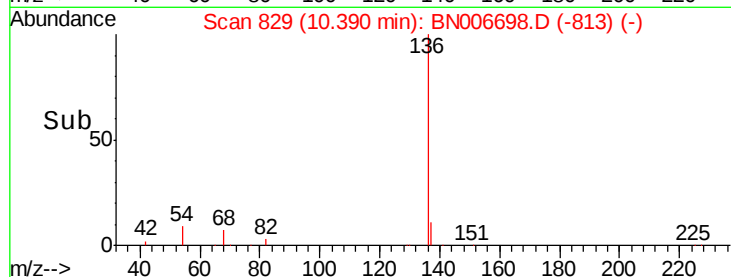


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.365 ng

RT: 8.79 min Scan# 703

Delta R.T. -0.00 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

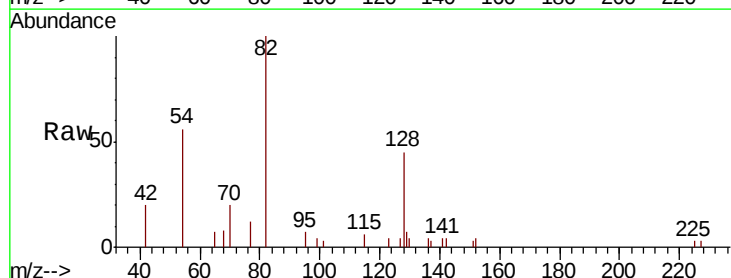
Tgt Ion: 82 Resp: 5252

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

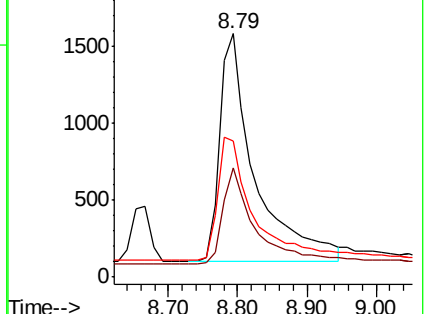
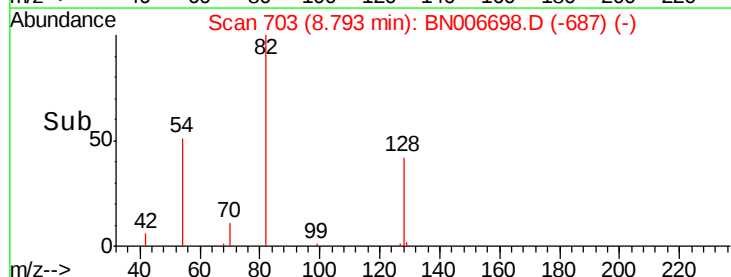
54 55.9 44.5 66.7

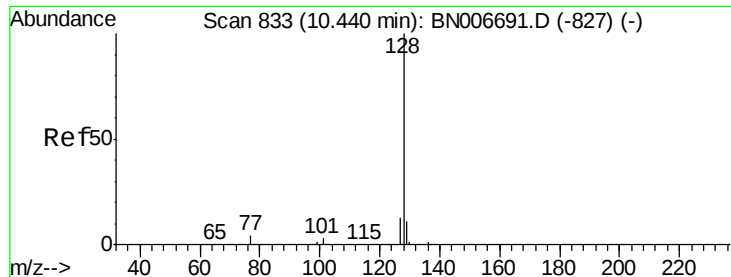


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.404 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

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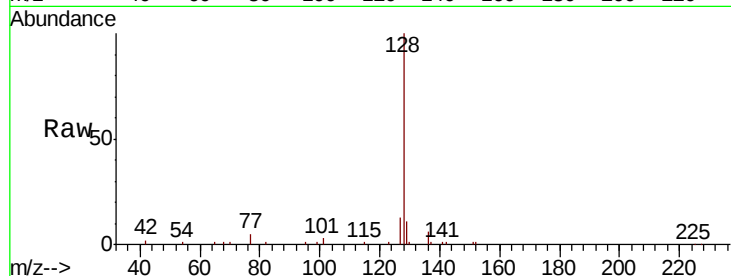
Tot Ion:128 Resp: 20730

Ion Ratio Lower Upper

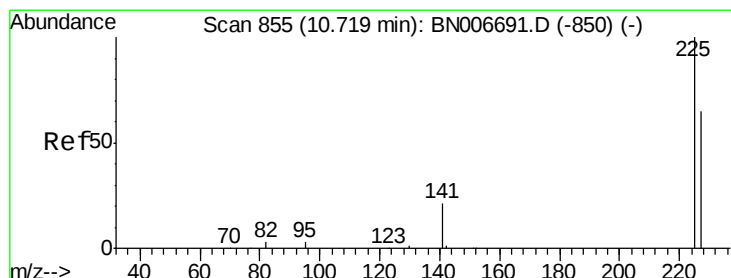
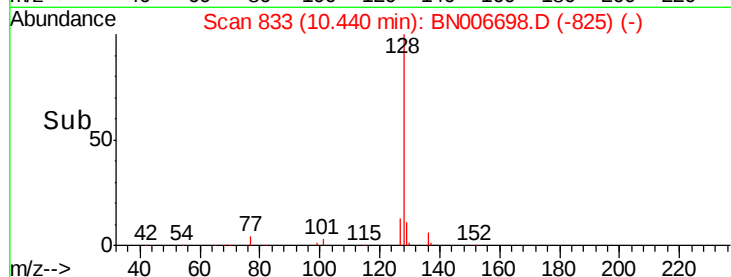
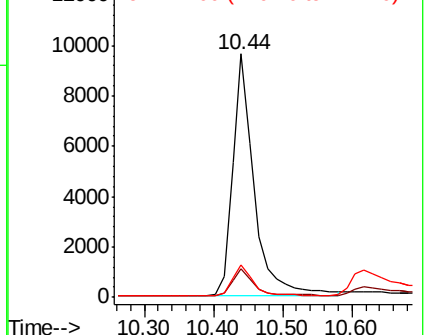
128 100

129 11.5 9.6 14.4

127 13.5 11.0 16.4



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: 0.405 ng

RT: 10.72 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

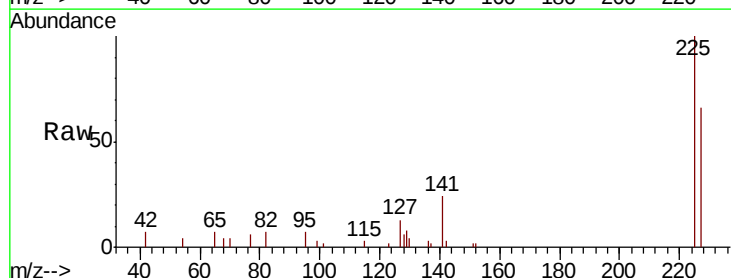
Tgt Ion:225 Resp: 4198

Ion Ratio Lower Upper

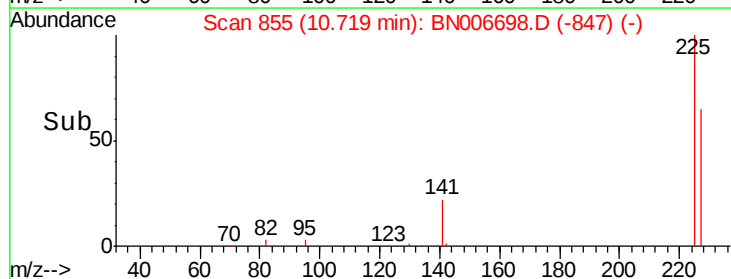
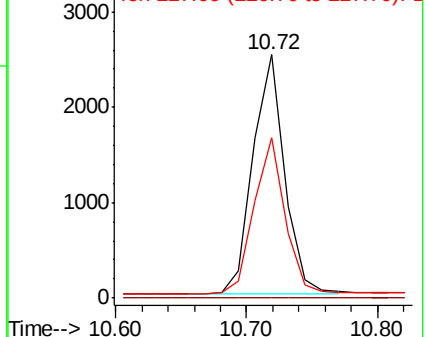
225 100

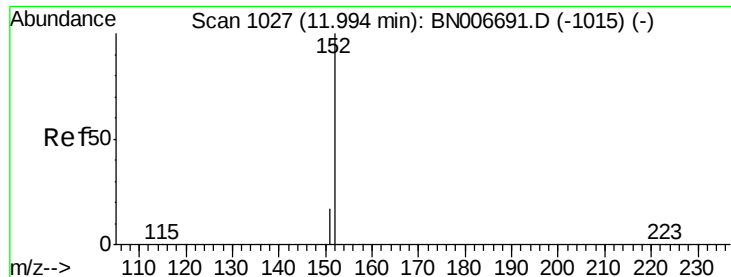
223 0.0 0.0 0.0

227 63.7 50.9 76.3



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

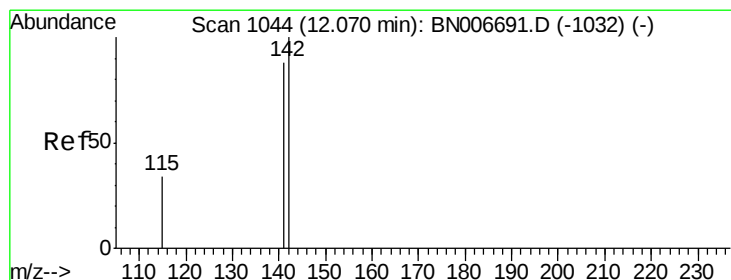
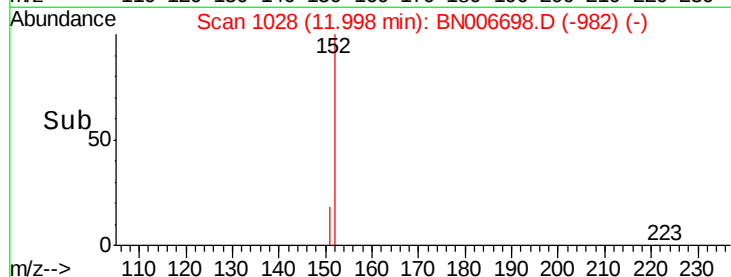
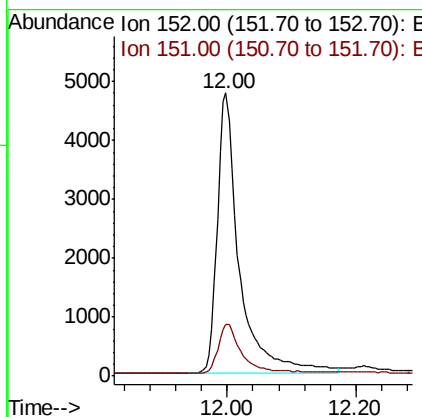
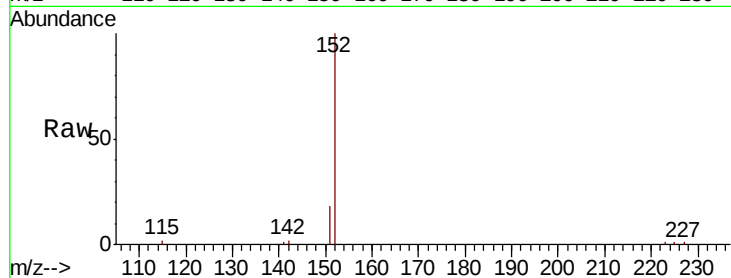




#11
 2-Methylnaphthalene-d10
 Concen: 0.398 ng
 RT: 12.00 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BN006698.D
 Acq: 02 Jul 2019 18:53

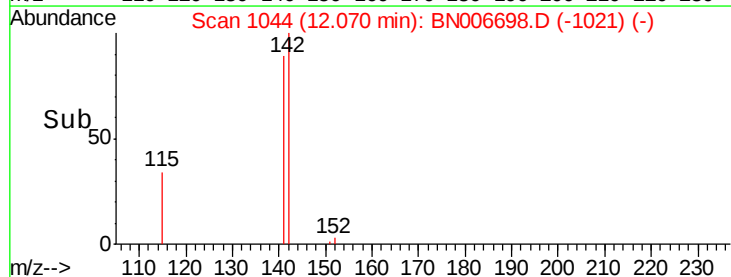
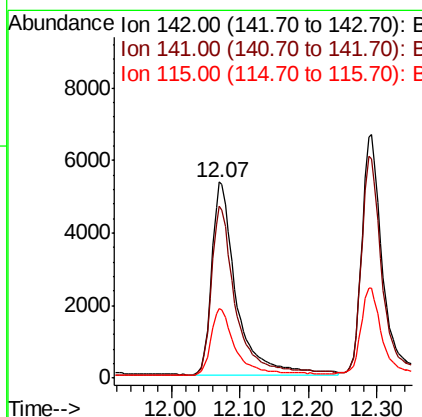
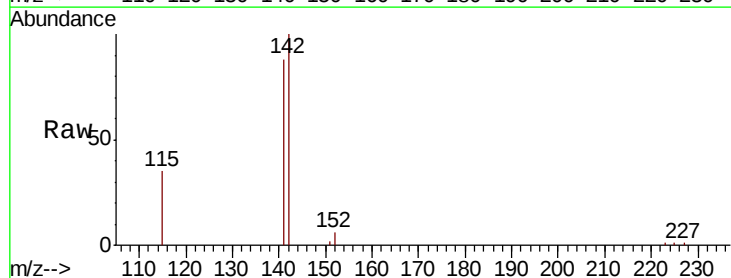
Instrument :
 BNA_N
 ClientSampleId :
 PB120849BSD

Tot Ion:152 Resp: 11219
 Ion Ratio Lower Upper
 152 100
 151 19.3 14.9 22.3



#12
 2-Methylnaphthalene
 Concen: 0.364 ng
 RT: 12.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BN006698.D
 Acq: 02 Jul 2019 18:53

Tgt Ion:142 Resp: 13277
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.3 105.5
 115 35.2 28.9 43.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB120849BSD

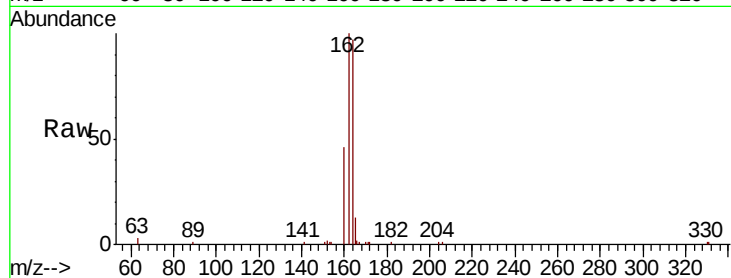
Tot Ion:164 Resp: 10061

Ion Ratio Lower Upper

164 100

162 102.7 80.8 121.2

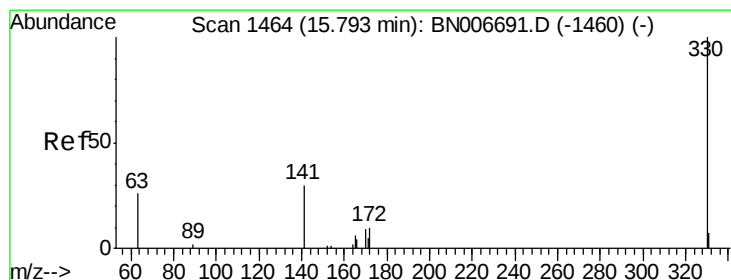
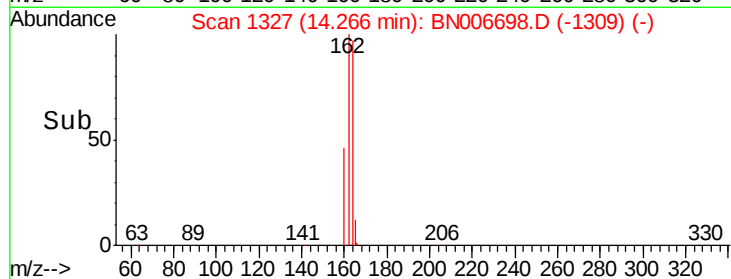
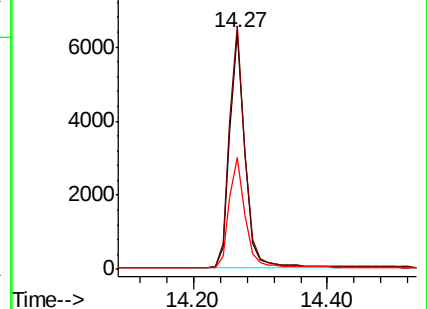
160 47.4 37.0 55.6



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: 0.348 ng

RT: 15.79 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

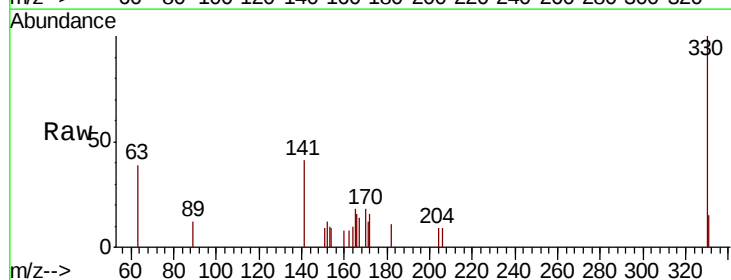
Tgt Ion:330 Resp: 1721

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

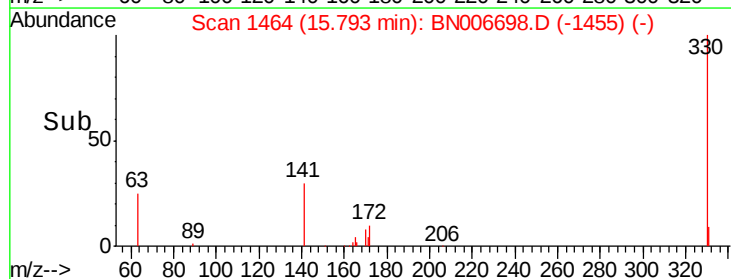
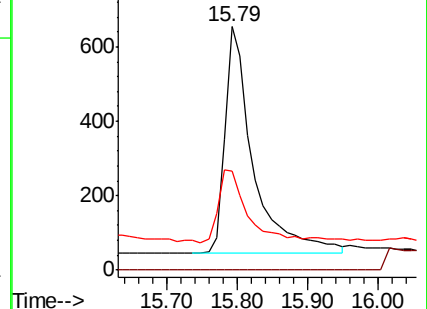
141 33.1 24.8 37.2

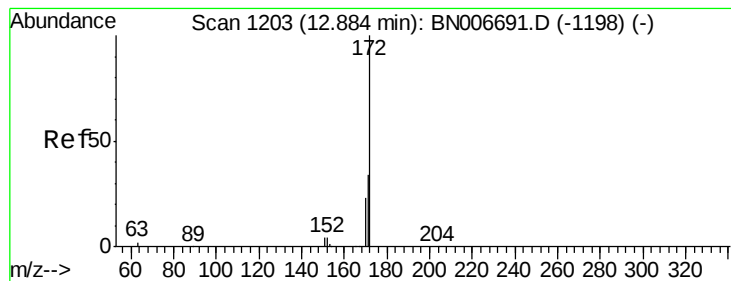


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.410 ng

RT: 12.88 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB120849BSD

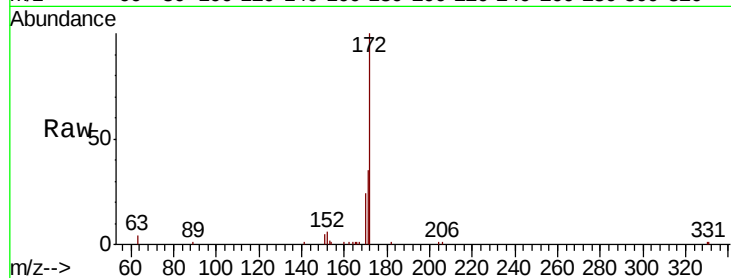
Tot Ion:172 Resp: 16128

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

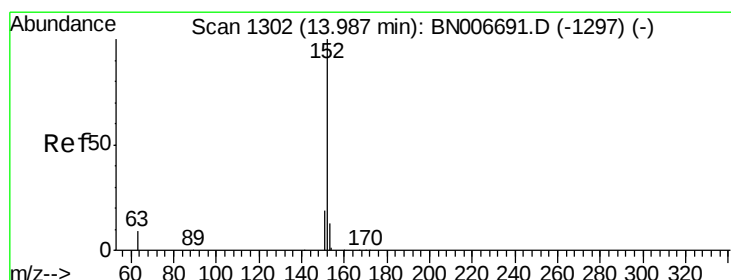
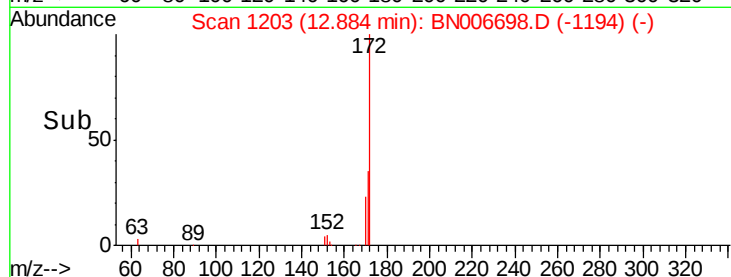
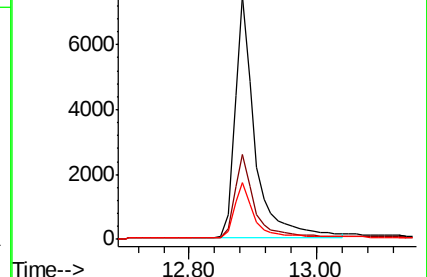
170 23.5 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.414 ng

RT: 13.99 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

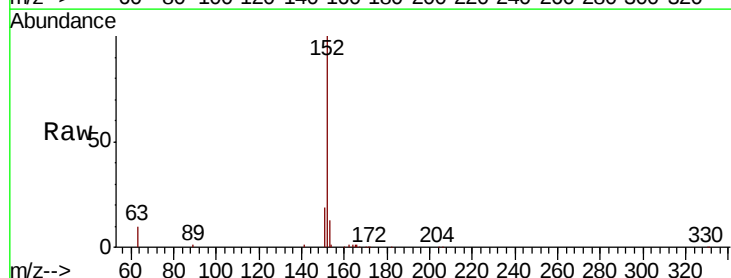
Tgt Ion:152 Resp: 20770

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

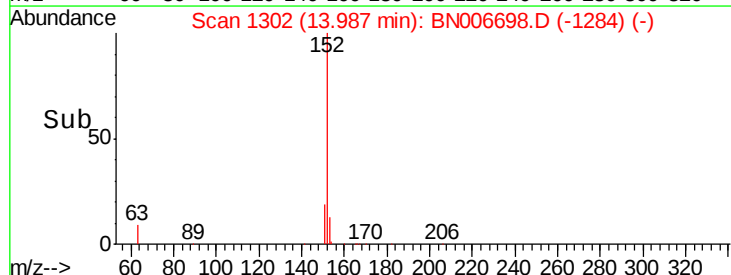
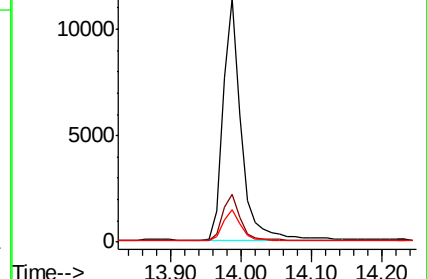
153 13.1 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.417 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB120849BSD

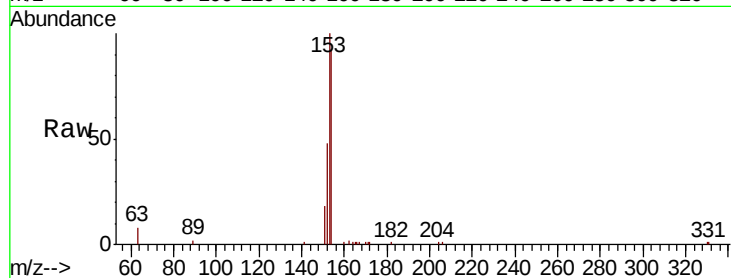
Tot Ion:154 Resp: 13347

Ion Ratio Lower Upper

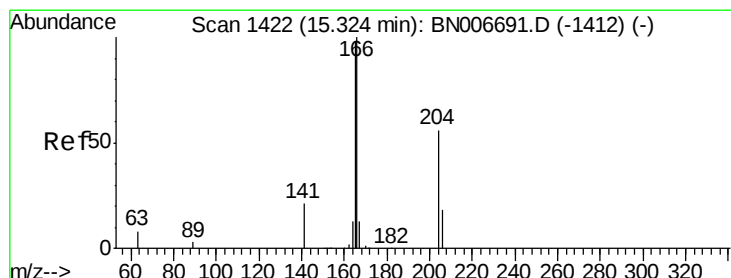
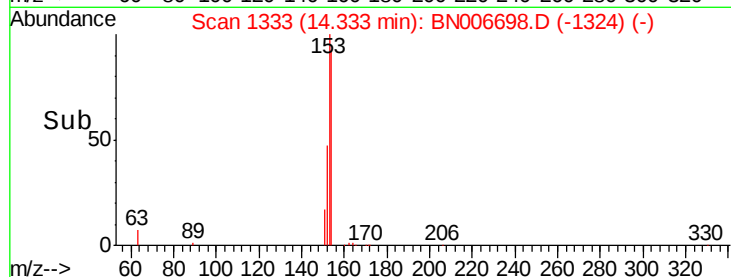
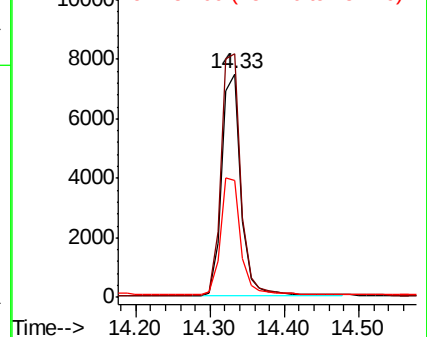
154 100

153 113.1 88.9 133.3

152 54.5 42.8 64.2



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: 0.412 ng

RT: 15.32 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

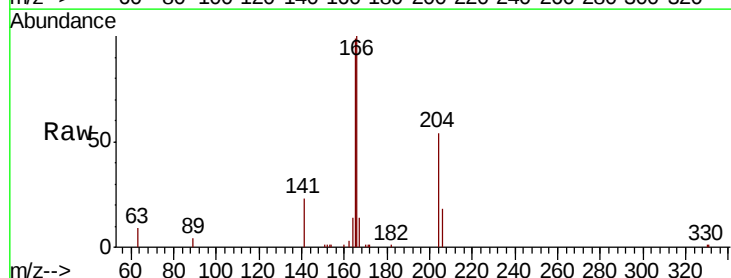
Tgt Ion:166 Resp: 16339

Ion Ratio Lower Upper

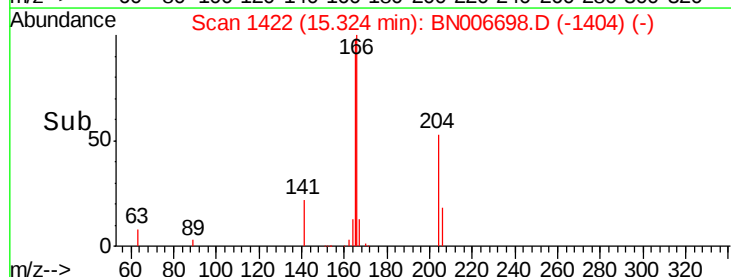
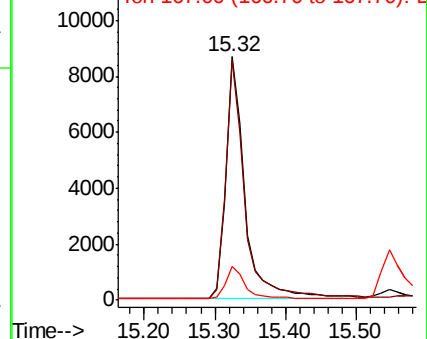
166 100

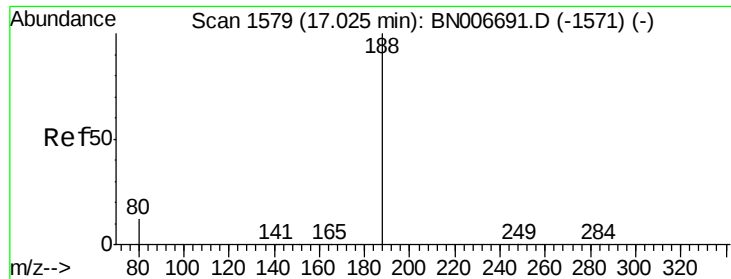
165 97.9 78.0 117.0

167 13.4 10.7 16.1



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: 17.03 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB120849BSD

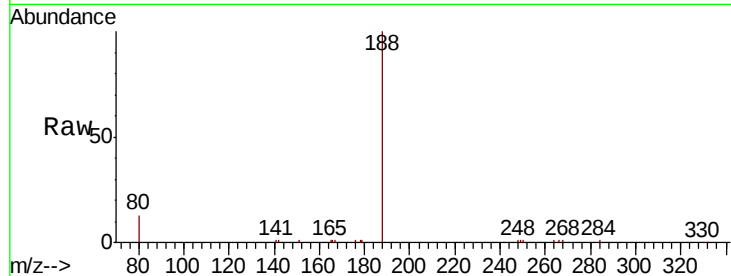
Tot Ion:188 Resp: 21121

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

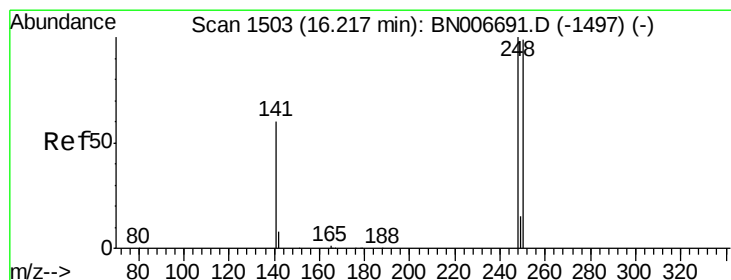
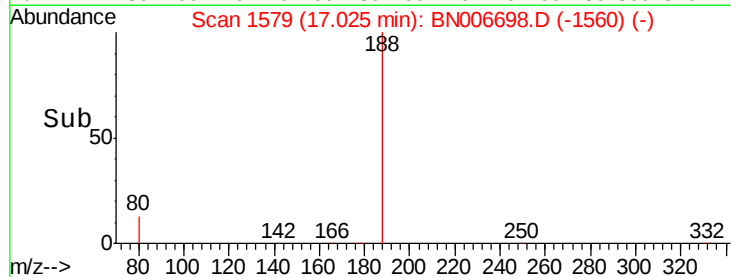
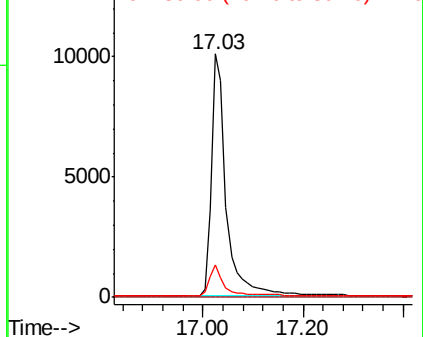
80 13.2 10.3 15.5



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: 0.395 ng

RT: 16.22 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

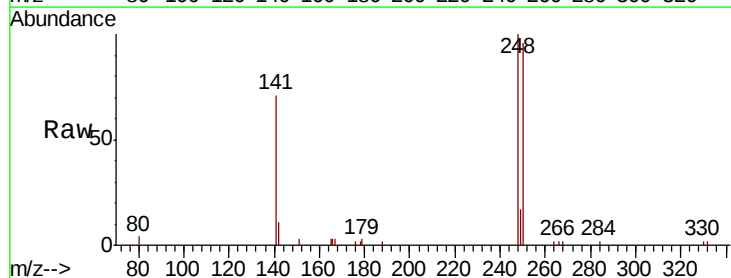
Tgt Ion:248 Resp: 4914

Ion Ratio Lower Upper

248 100

250 95.9 79.0 118.6

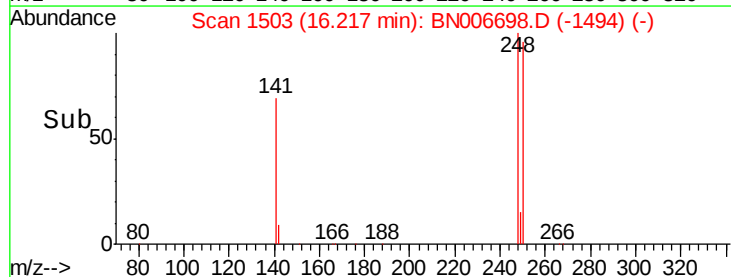
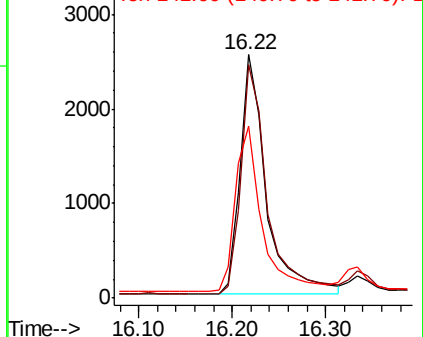
141 70.6 50.2 75.4



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

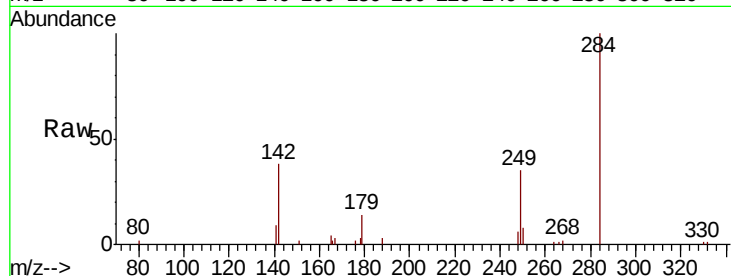




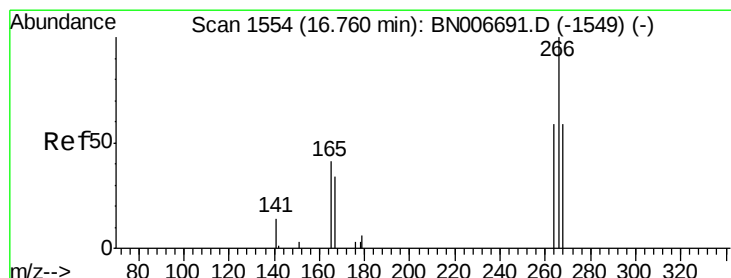
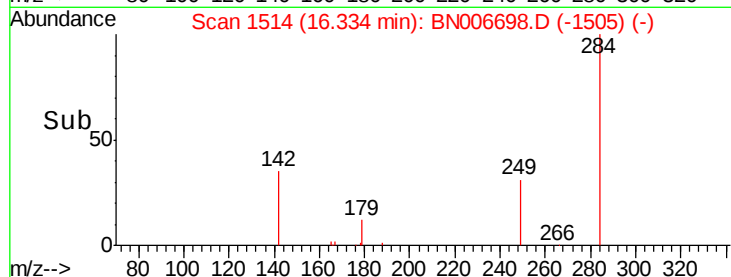
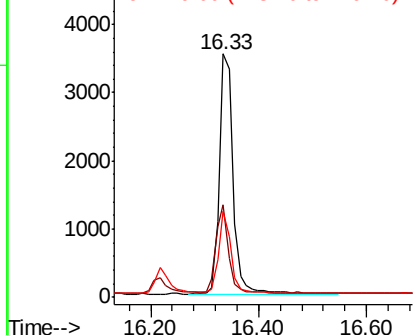
#21
Hexachlorobenzene
Concen: 0.419 ng
RT: 16.33 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tot Ion:284 Resp: 6202
Ion Ratio Lower Upper
284 100
142 33.9 26.9 40.3
249 30.2 24.4 36.6

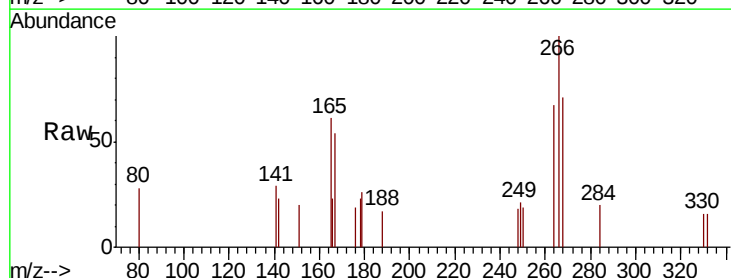


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

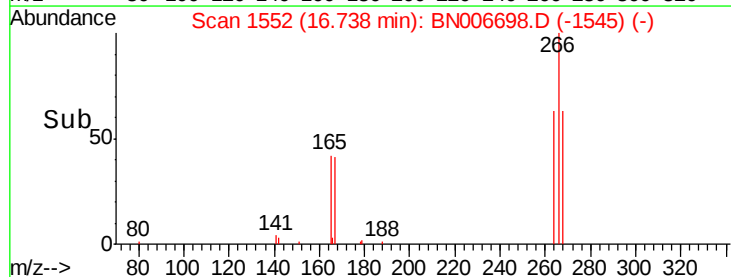
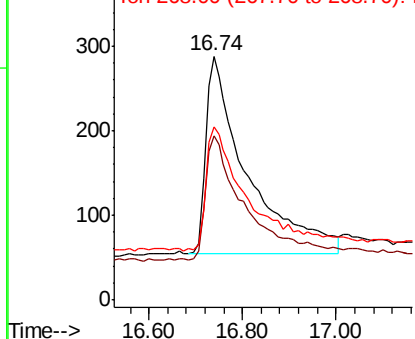


#22
Pentachlorophenol
Concen: 0.788 ng
RT: 16.74 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:266 Resp: 1441
Ion Ratio Lower Upper
266 100
264 67.4 57.6 86.4
268 71.2 66.6 99.8



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: 0.409 ng

RT: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB120849BSD

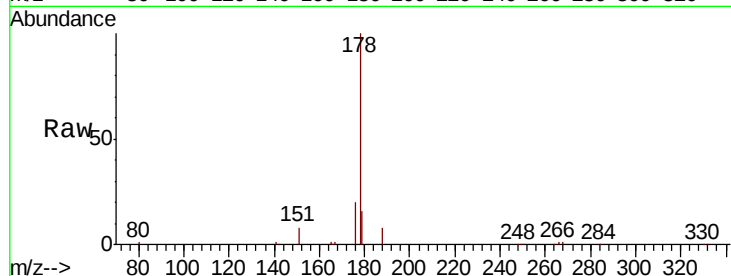
Tot Ion:178 Resp: 24924

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

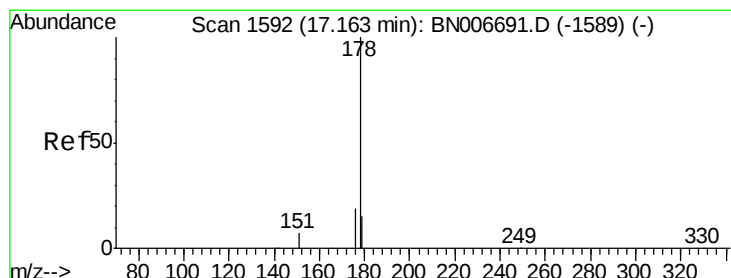
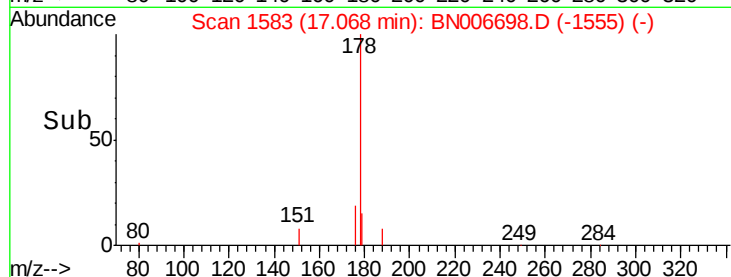
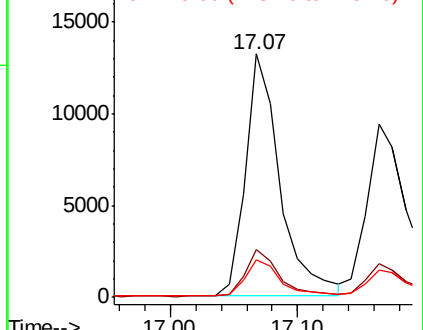
179 15.4 12.4 18.6



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



#24

Anthracene

Concen: 0.392 ng

RT: 17.16 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

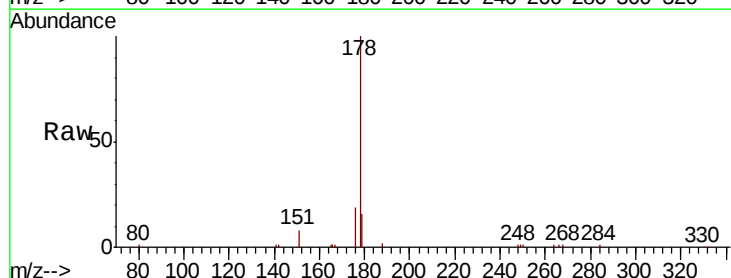
Tgt Ion:178 Resp: 21584

Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

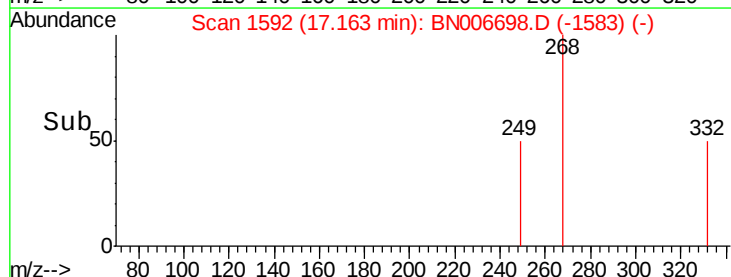
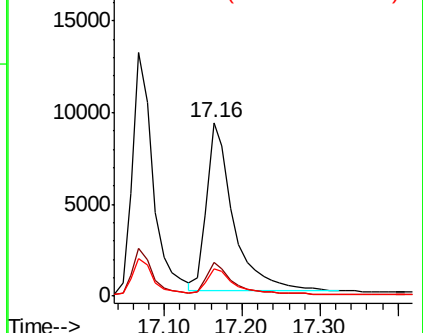
179 15.2 11.9 17.9

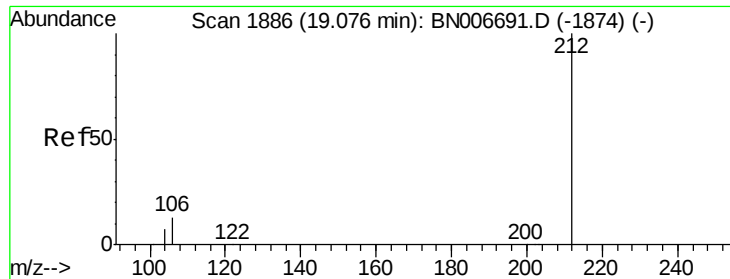


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

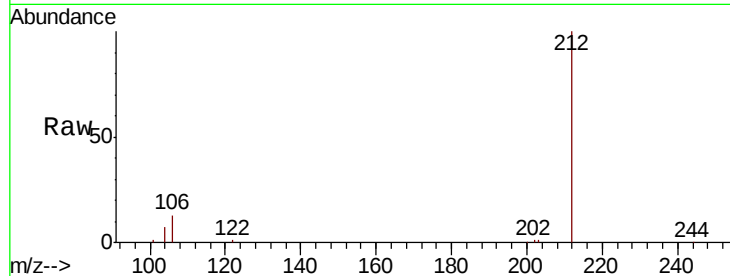




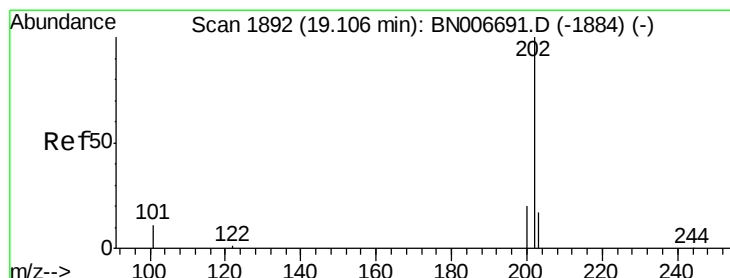
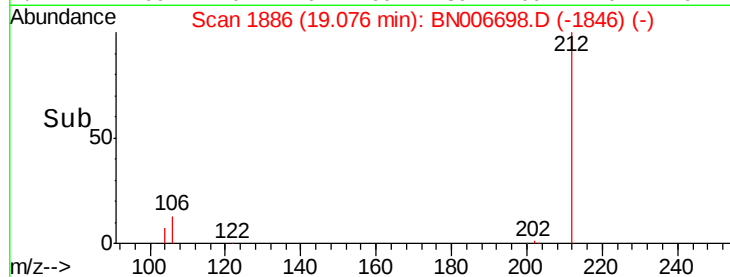
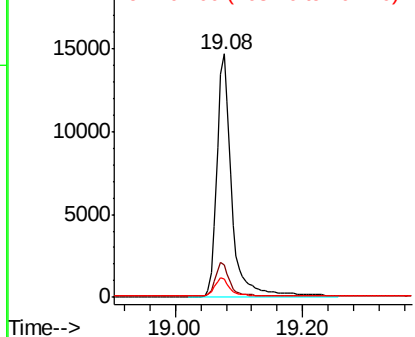
#25
 Fluoranthene-d10
 Concen: 0.392 ng
 RT: 19.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: BN006698.D
 Acq: 02 Jul 2019 18:53

Instrument :
 BNA_N
 ClientSampleId :
 PB120849BSD

Tot Ion:212 Resp: 23682
 Ion Ratio Lower Upper
 212 100
 106 13.7 11.0 16.6
 104 7.4 6.1 9.1

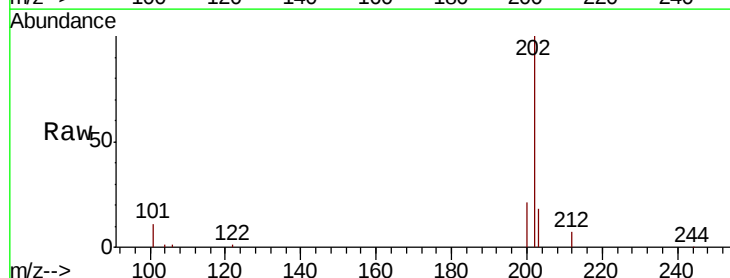


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

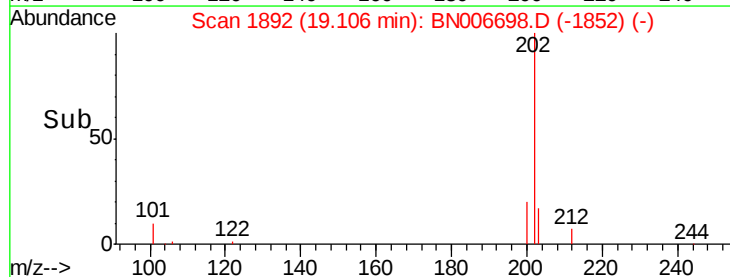
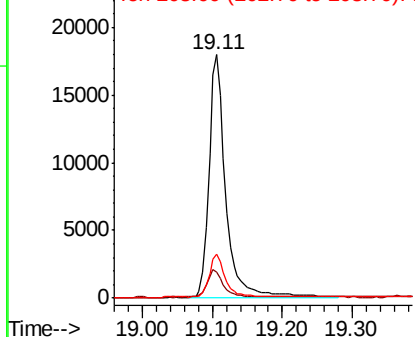


#26
 Fluoranthene
 Concen: 0.415 ng
 RT: 19.11 min Scan# 1892
 Delta R.T. -0.00 min
 Lab File: BN006698.D
 Acq: 02 Jul 2019 18:53

Tgt Ion:202 Resp: 29695
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.7 13.1
 203 17.3 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: 21.25 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB120849BSD

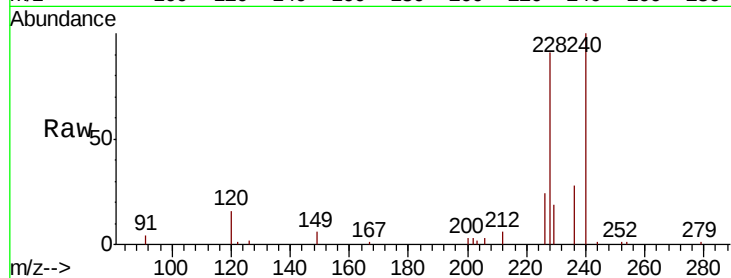
Tot Ion:240 Resp: 19806

Ion Ratio Lower Upper

240 100

120 16.5 12.9 19.3

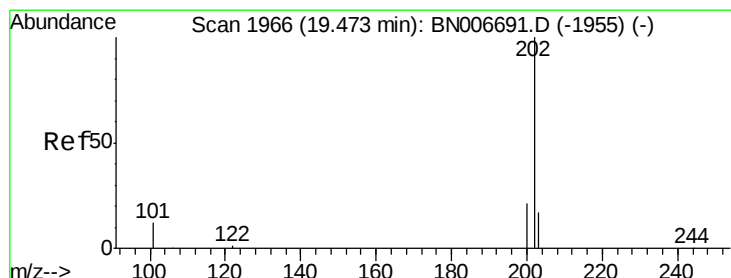
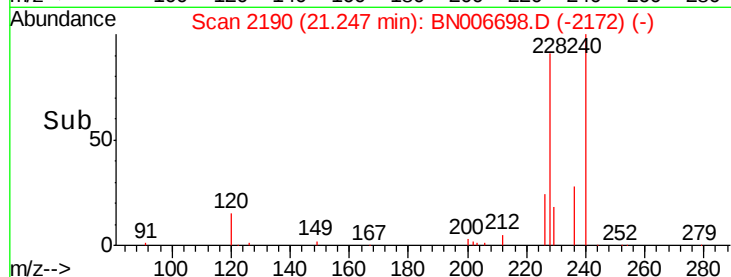
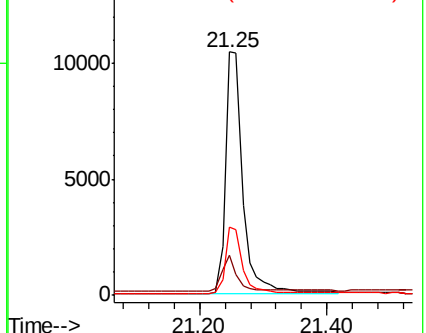
236 28.2 23.2 34.8



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: 0.386 ng

RT: 19.47 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

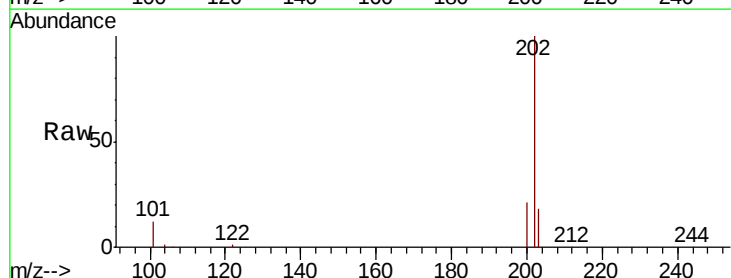
Tgt Ion:202 Resp: 30594

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

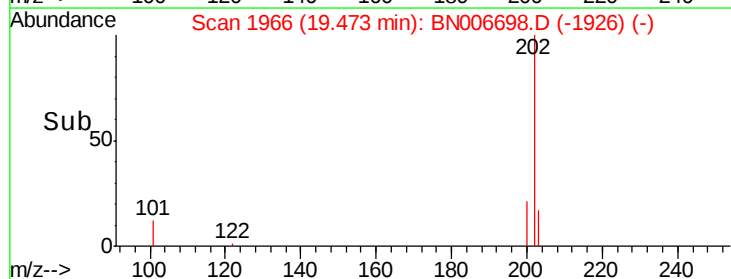
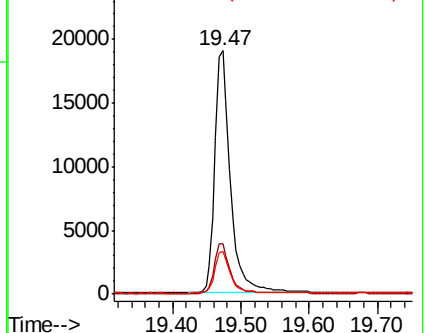
203 17.4 14.2 21.2



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: 0.344 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB120849BSD

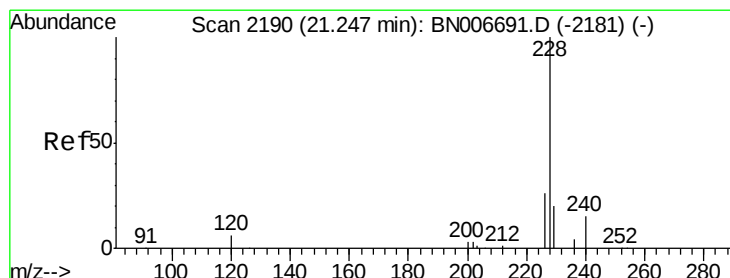
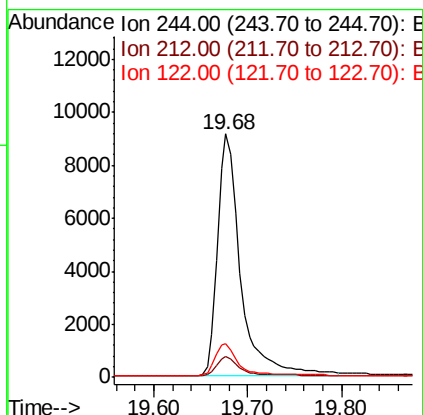
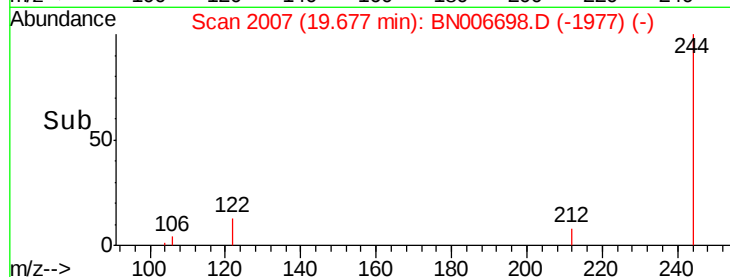
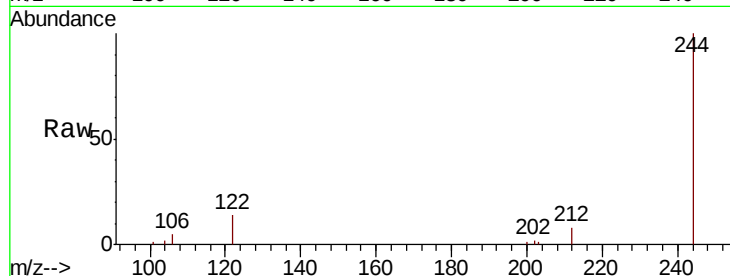
Tot Ion:244 Resp: 15681

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

122 13.7 11.5 17.3



#30

Benzo(a)anthracene

Concen: 0.369 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

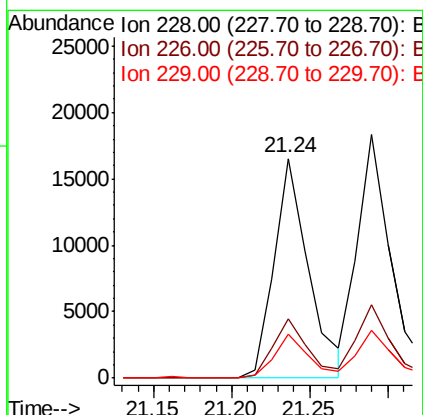
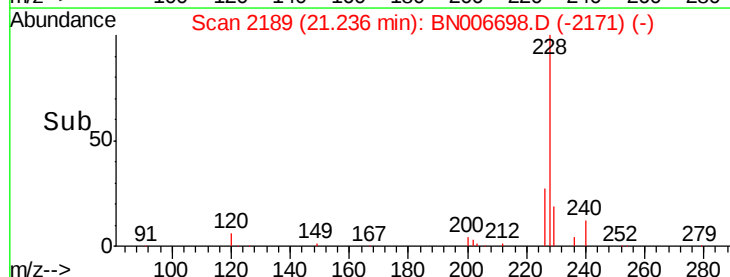
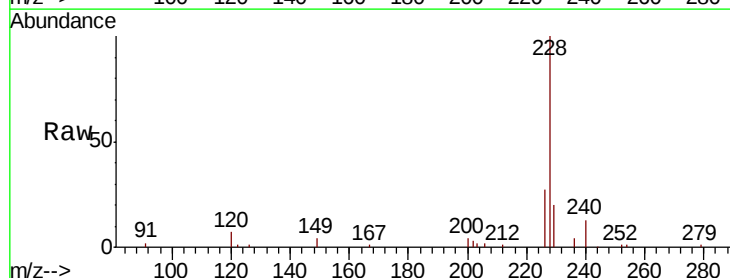
Tgt Ion:228 Resp: 25180

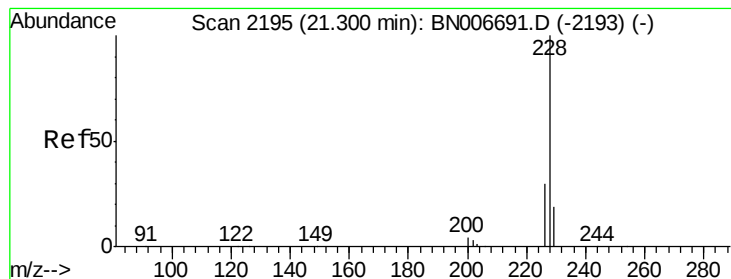
Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

229 19.8 16.2 24.4





#31

Chrysene

Concen: 0.384 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB120849BSD

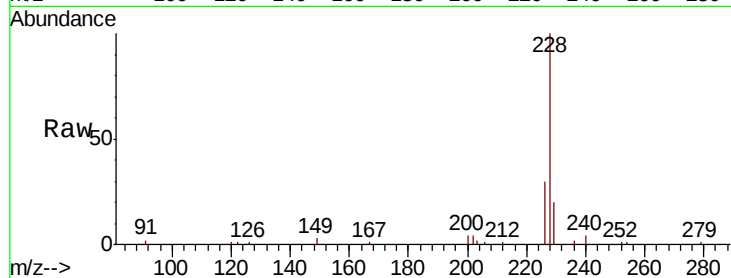
Tot Ion:228 Resp: 27060

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

229 19.5 15.8 23.6

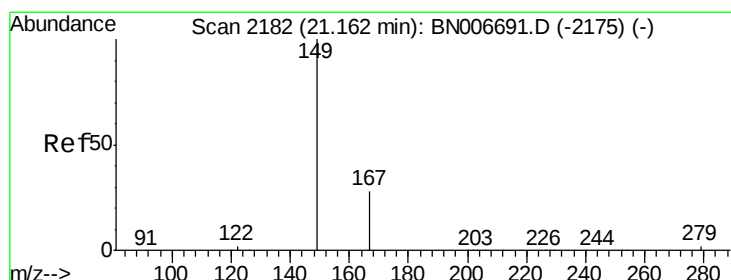
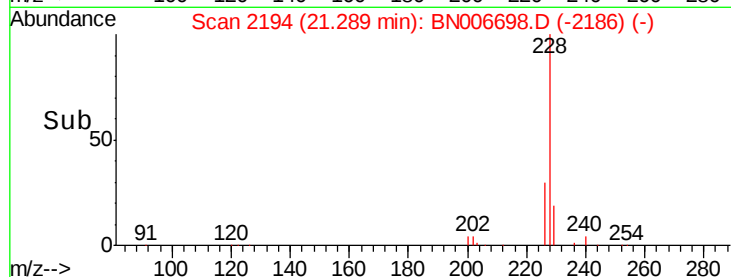
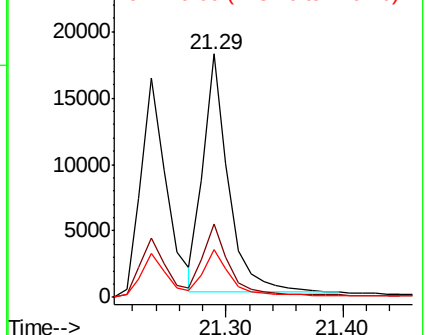


Abundance

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: 0.104 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

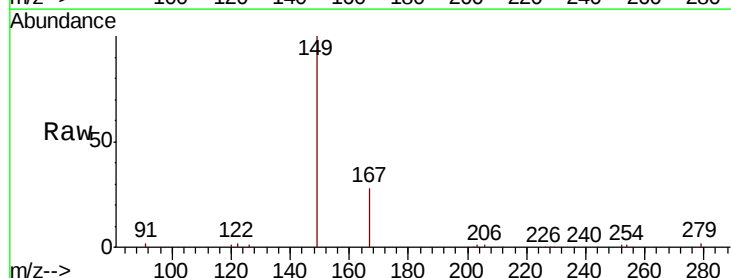
Tgt Ion:149 Resp: 21273

Ion Ratio Lower Upper

149 100

167 29.0 22.9 34.3

279 4.2 3.2 4.8

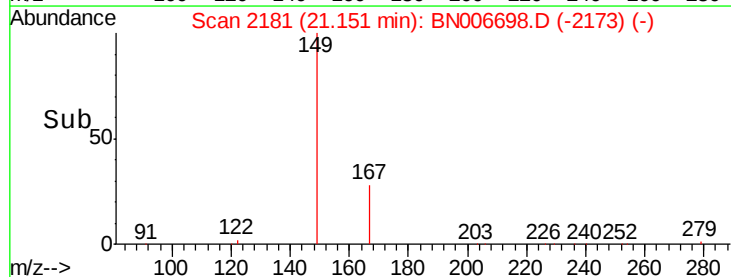
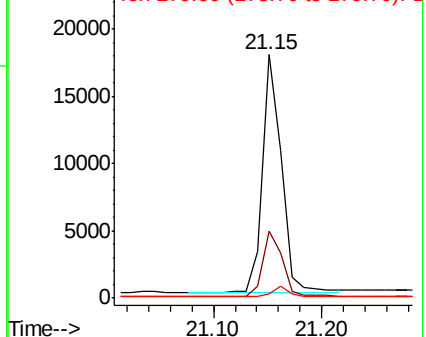


Abundance

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: 0.365 ng

RT: 25.72 min Scan# 3269

Delta R.T. -0.02 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB120849BSD

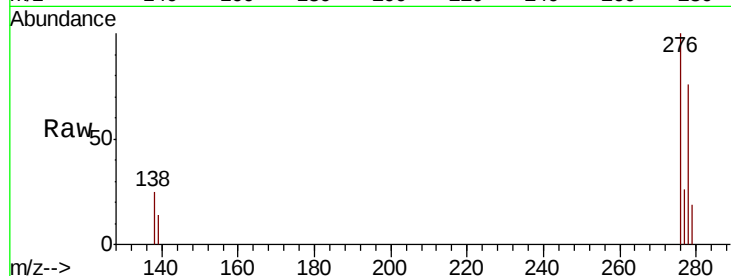
Tot Ion:276 Resp: 30749

Ion Ratio Lower Upper

276 100

138 24.5 19.5 29.3

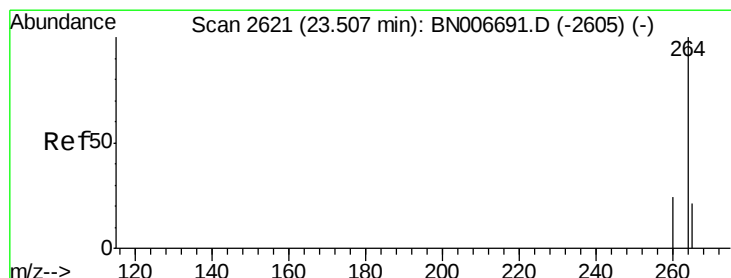
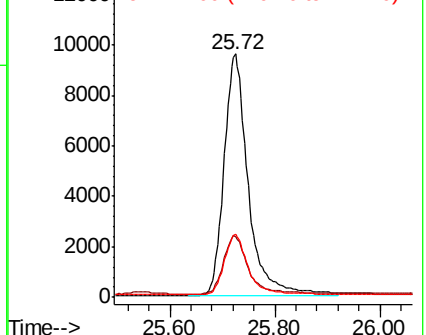
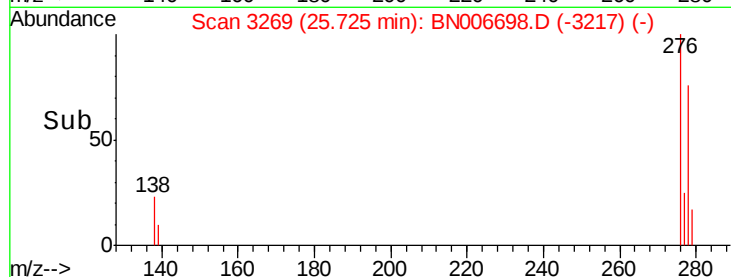
277 24.7 19.7 29.5



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: 23.49 min Scan# 2615

Delta R.T. -0.02 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

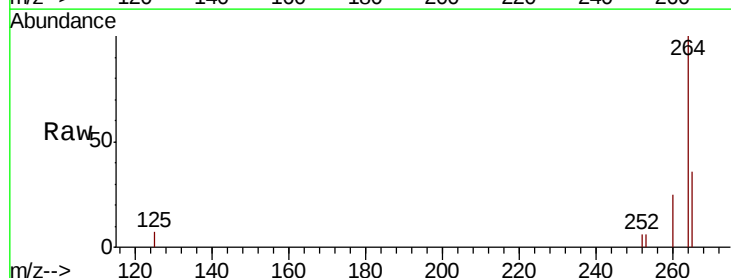
Tgt Ion:264 Resp: 19864

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.2

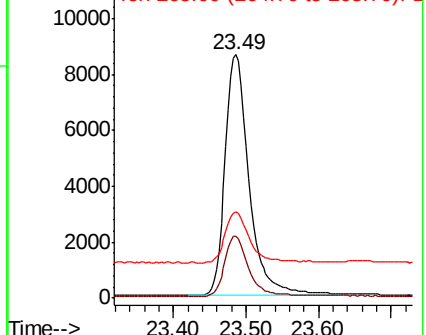
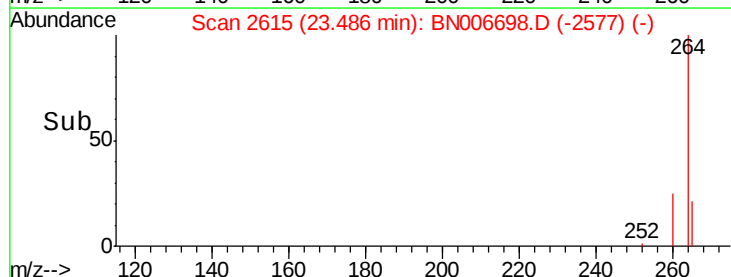
265 35.6 33.7 50.5



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

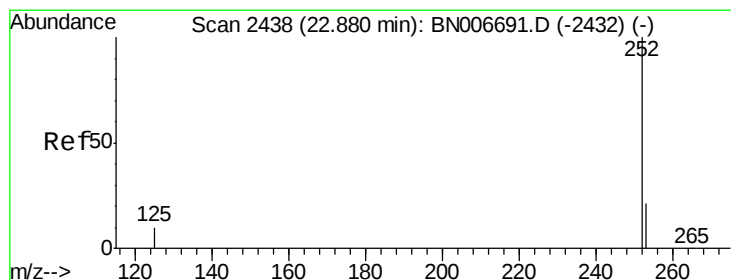
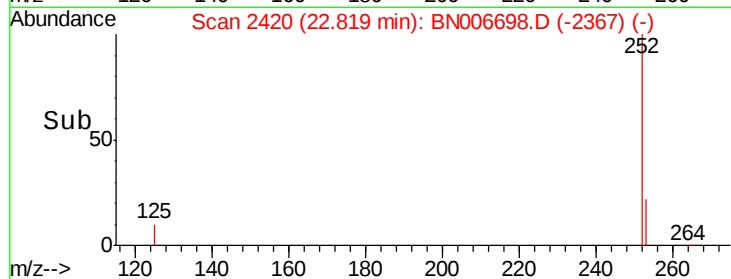
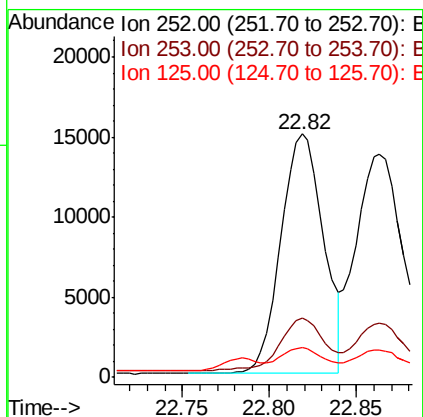
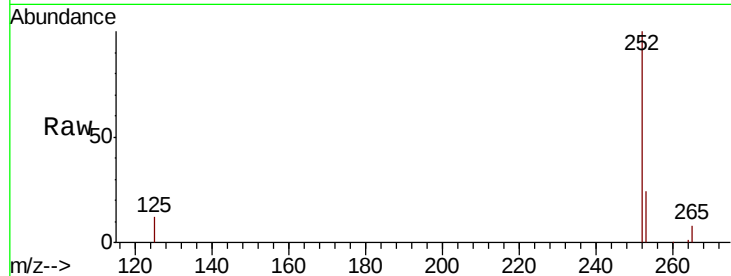




#35
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 22.82 min Scan# 2420
Delta R.T. -0.02 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

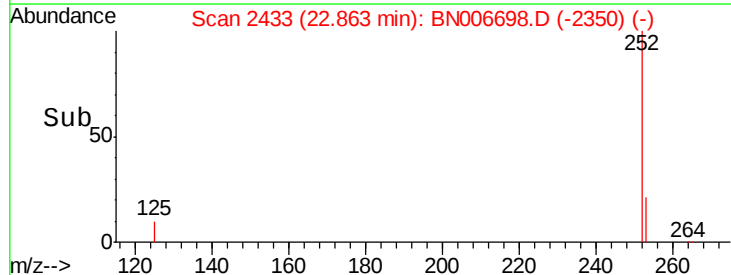
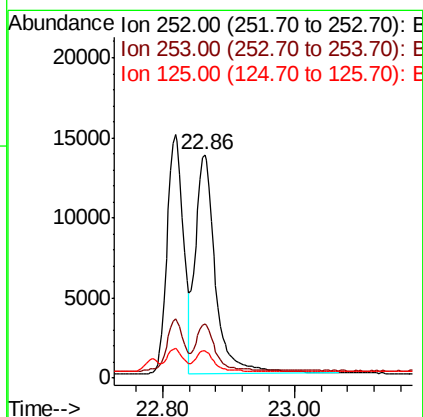
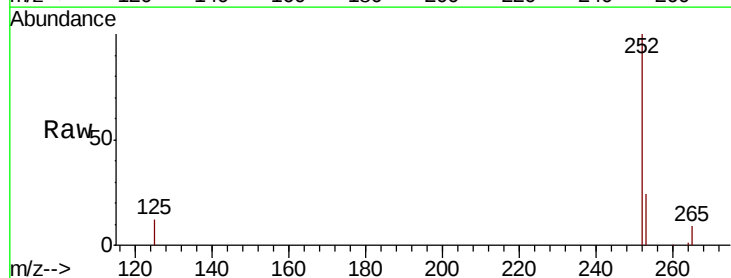
Instrument :
BNA_N
ClientSampleId :
PB120849BSD

Tot Ion:252 Resp: 25563
Ion Ratio Lower Upper
252 100
253 24.3 20.2 30.2
125 12.4 11.5 17.3



#36
Benzo(k)fluoranthene
Concen: 0.420 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.02 min
Lab File: BN006698.D
Acq: 02 Jul 2019 18:53

Tgt Ion:252 Resp: 29010
Ion Ratio Lower Upper
252 100
253 24.1 20.1 30.1
125 12.4 11.4 17.0





#37

Benzo(a)pyrene

Concen: 0.413 ng

RT: 23.39 min Scan# 2588

Delta R.T. -0.02 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB120849BSD

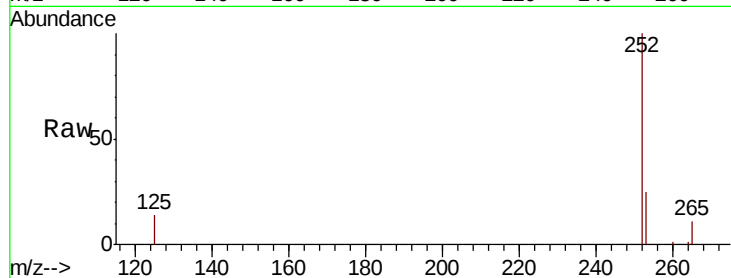
Tot Ion:252 Resp: 25504

Ion Ratio Lower Upper

252 100

253 25.2 21.4 32.2

125 13.9 13.3 19.9

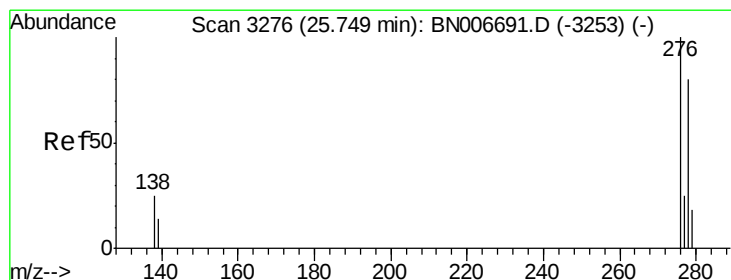
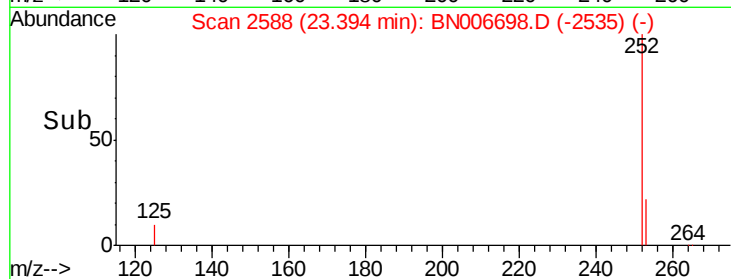
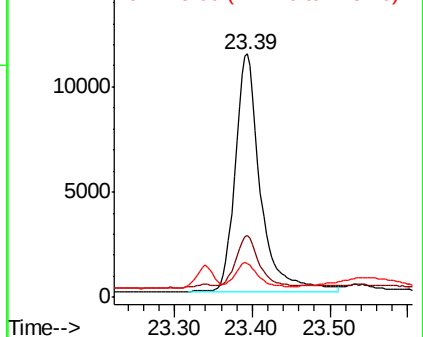


Abundance

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: 0.398 ng

RT: 25.72 min Scan# 3269

Delta R.T. -0.02 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

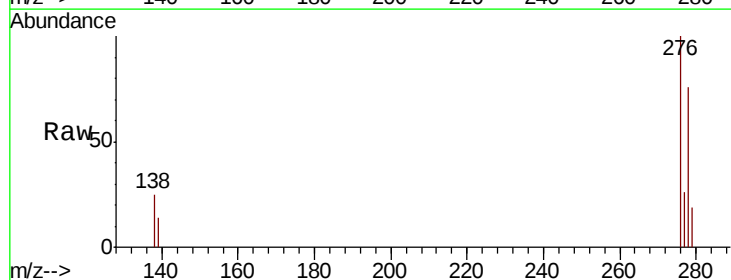
Tgt Ion:278 Resp: 24399

Ion Ratio Lower Upper

278 100

139 19.0 16.2 24.4

279 25.3 20.7 31.1

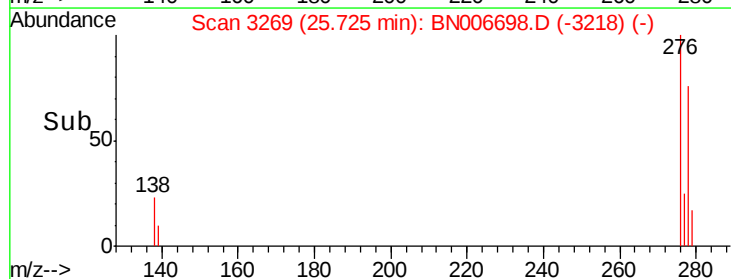
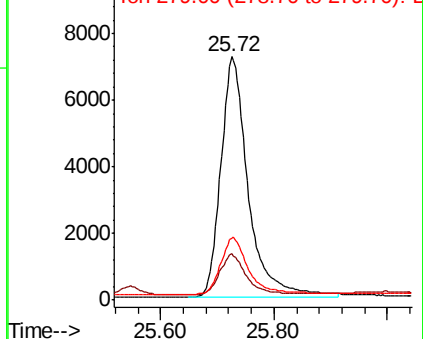


Abundance

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: 0.409 ng

RT: 26.41 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BN006698.D

Acq: 02 Jul 2019 18:53

Instrument :

BNA_N

ClientSampleId :

PB120849BSD

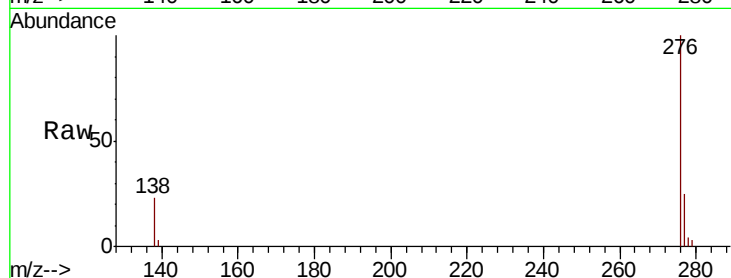
Tot Ion:276 Resp: 25817

Ion Ratio Lower Upper

276 100

277 24.5 20.6 30.8

138 23.1 19.7 29.5



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

