

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032919\
 Data File : BN005028.D
 Acq On : 29 Mar 2019 11:07
 Operator : JU/SJ
 Sample : K1825-21DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RR-PAH-WPDL

Quant Time: Mar 30 00:06:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 03:42:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2678	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	10961	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	6868	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	17208	0.40	ng	0.00
27) Chrysene-d12	21.26	240	21279	0.40	ng	0.00
34) Perylene-d12	23.50	264	20291	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	502	0.08	ng	0.00
5) Phenol-d6	6.88	99	528	0.07	ng	0.03
8) Nitrobenzene-d5	8.86	82	379	0.06	ng	0.03
11) 2-Methylnaphthalene-d10	12.07	152	1220	0.07	ng	0.03
14) 2,4,6-Tribromophenol	15.84	330	221	0.06	ng	0.02
15) 2-Fluorobiphenyl	12.93	172	1957	0.08	ng	0.01
25) Fluoranthene-d10	19.10	212	3665	0.07	ng	0.00
29) Terphenyl-d14	19.70	244	3420	0.08	ng	0.01

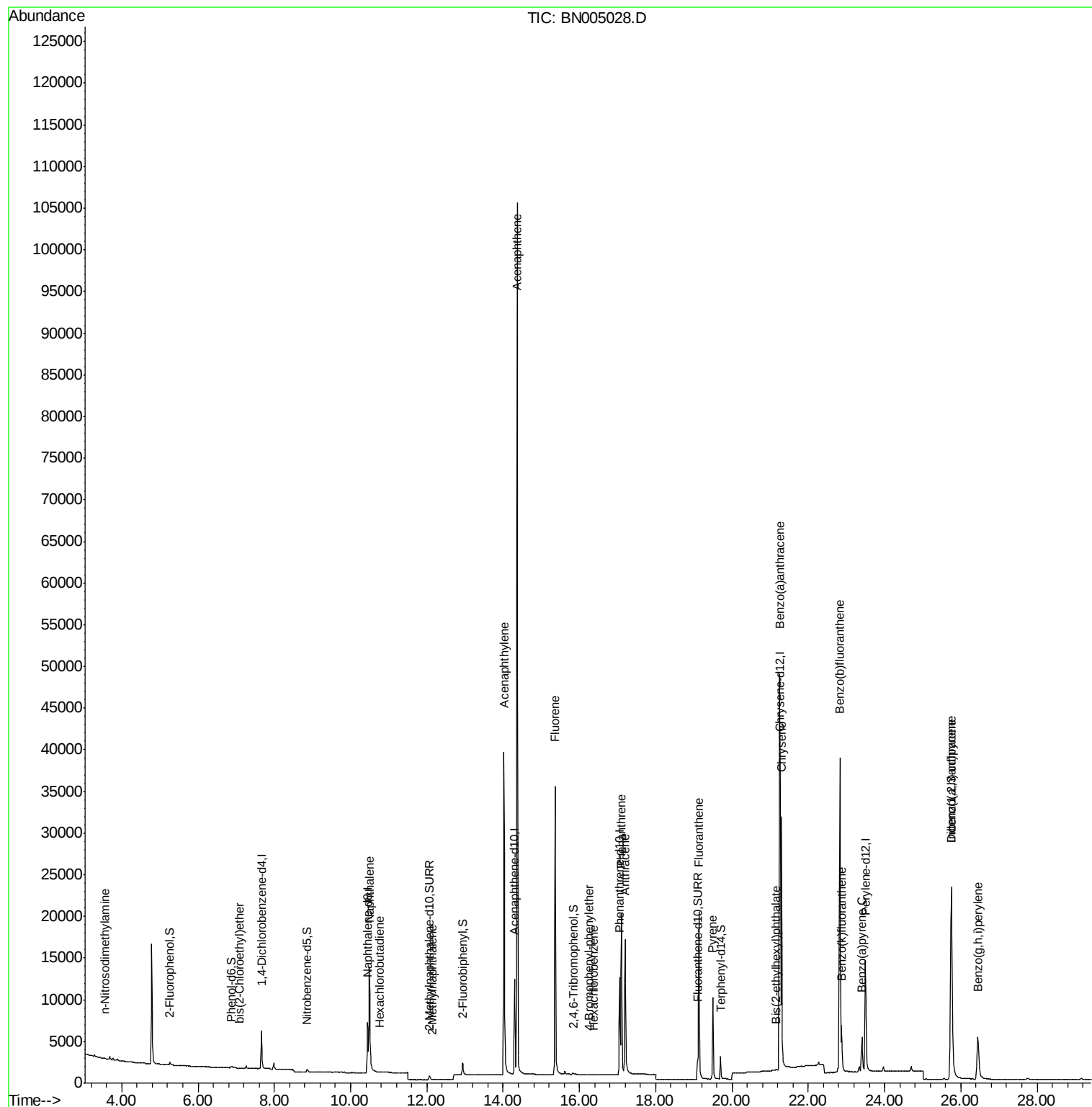
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.57	42	25	0.014	ng	# 1
6) bis(2-Chloroethyl)ether	7.09	93	10	0.001	ng	# 26
9) Naphthalene	10.49	128	20591	0.747	ng	99
10) Hexachlorobutadiene	10.76	225	5	0.001	ng	# 43
12) 2-Methylnaphthalene	12.14	142	14	0.001	ng	# 54
16) Acenaphthylene	14.02	152	46280	1.428	ng	99
17) Acenaphthene	14.37	154	53290	2.589	ng	99
18) Fluorene	15.36	166	26092	0.944	ng	100
20) 4-Bromophenyl-phenylether	16.26	248	3	0.000	ng	# 70
21) Hexachlorobenzene	16.37	284	13	0.001	ng	# 71
23) Phenanthrene	17.10	178	22027	0.457	ng	100
24) Anthracene	17.20	178	21924	0.511	ng	100
26) Fluoranthene	19.13	202	21831	0.370	ng	100
28) Pyrene	19.50	202	10260	0.170	ng	99
30) Benzo(a)anthracene	21.25	228	39720	0.662	ng	100
31) Chrysene	21.30	228	27194	0.420	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	173	0.007	ng	92
33) Indeno(1,2,3-cd)pyrene	25.75	276	38143	0.524	ng	96
35) Benzo(b)fluoranthene	22.83	252	49502	0.761	ng	98
36) Benzo(k)fluoranthene	22.87	252	7994	0.127	ng	92
37) Benzo(a)pyrene	23.41	252	7114	0.123	ng	# 90
38) Dibenzo(a,h)anthracene	25.76	278	16355	0.283	ng	98
39) Benzo(g,h,i)perylene	26.45	276	12856	0.221	ng	99

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

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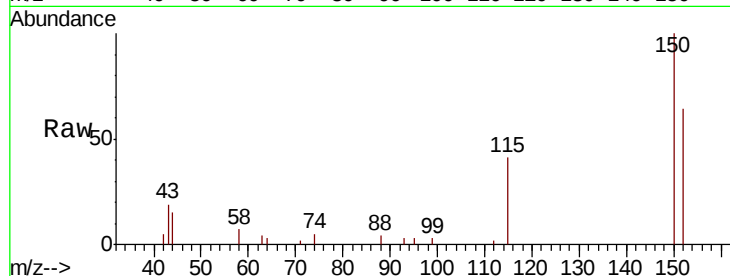


#1

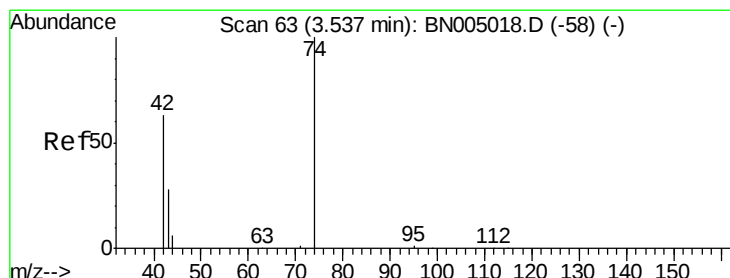
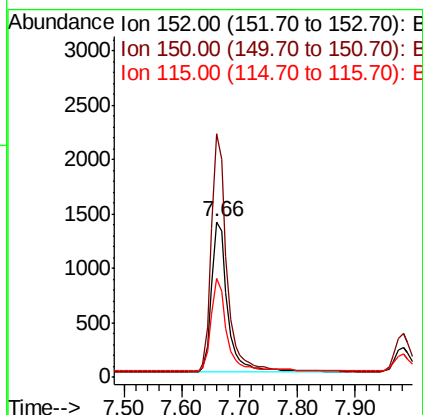
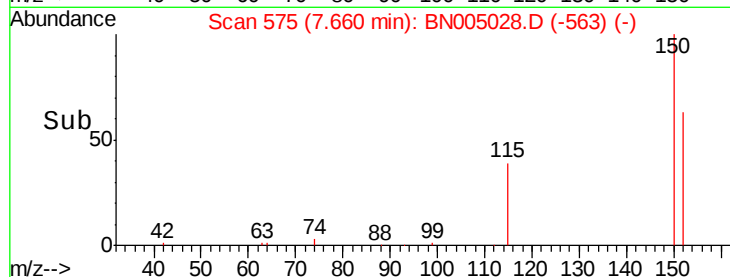
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005028.D
Acq: 29 Mar 2019 11:07

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Tot Ion:152 Resp: 2678
Ion Ratio Lower Upper
152 100
150 156.4 123.4 185.2
115 63.8 50.0 75.0



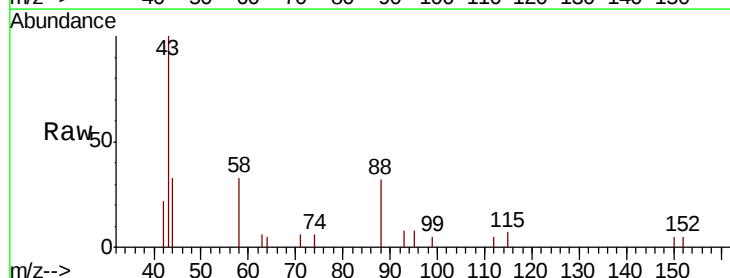
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



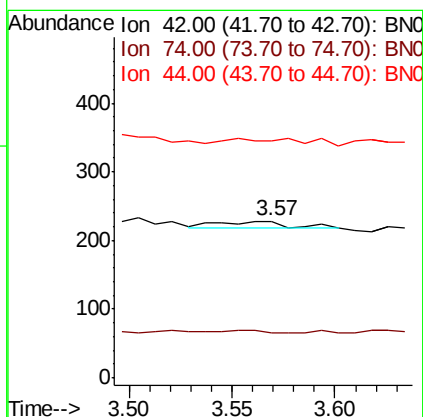
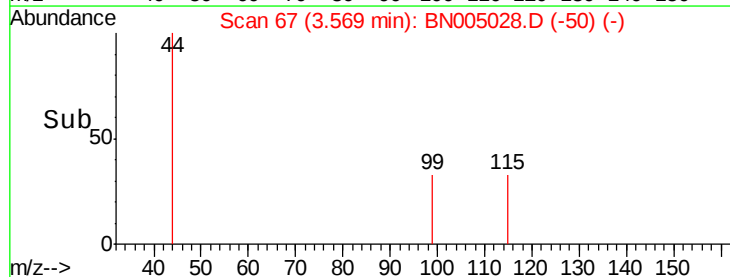
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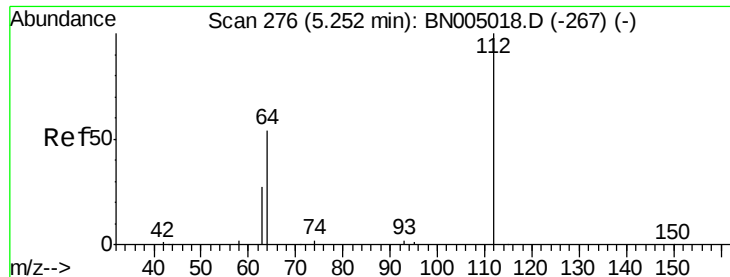
n-Nitrosodimethylamine
Concen: 0.014 ng
RT: 3.57 min Scan# 67
Delta R.T. 0.03 min
Lab File: BN005028.D
Acq: 29 Mar 2019 11:07

Tgt Ion: 42 Resp: 25
Ion Ratio Lower Upper
42 100
74 20.0 129.1 193.7#
44 108.0 11.6 17.4#



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: 0.075 ng

RT: 5.26 min Scan# 277

Delta R.T. 0.01 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WPDL

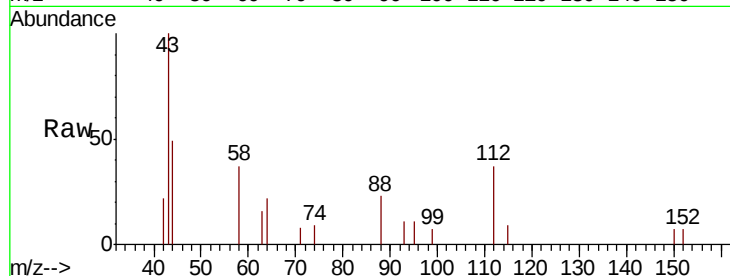
Tot Ion:112 Resp: 502

Ion Ratio Lower Upper

112 100

64 50.4 41.9 62.9

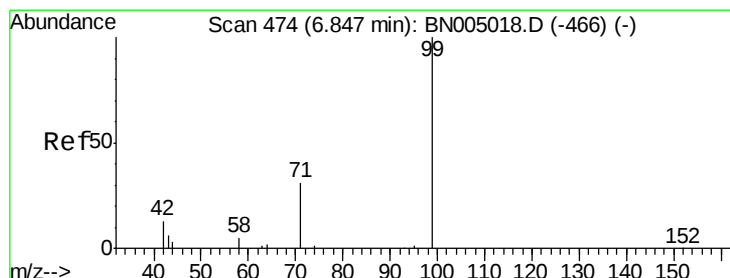
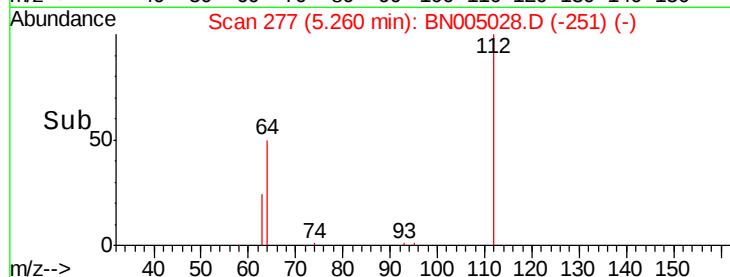
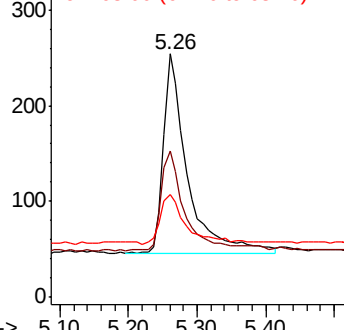
63 27.9 21.5 32.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0



#5

Phenol-d6

Concen: 0.067 ng

RT: 6.88 min Scan# 478

Delta R.T. 0.03 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

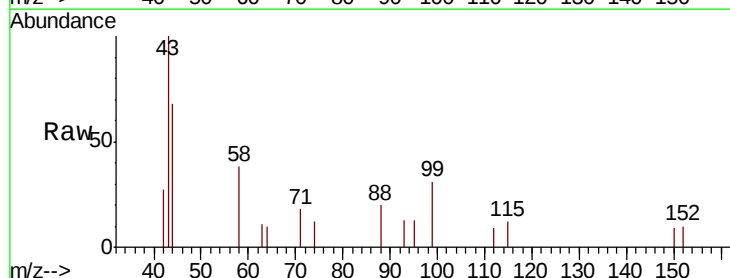
Tgt Ion: 99 Resp: 528

Ion Ratio Lower Upper

99 100

42 14.4 12.2 18.2

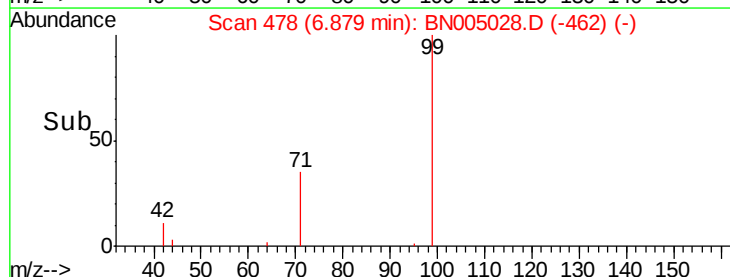
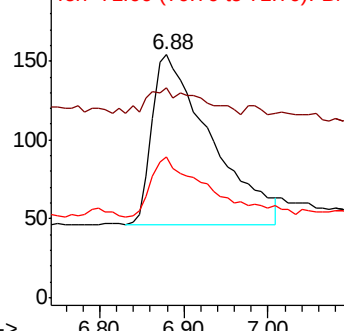
71 33.9 26.1 39.1

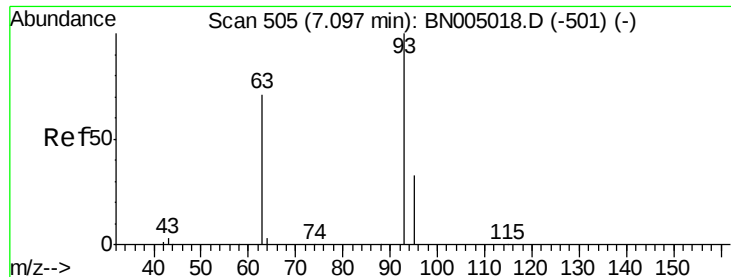


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.09 min Scan# 504

Delta R.T. -0.01 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WPDL

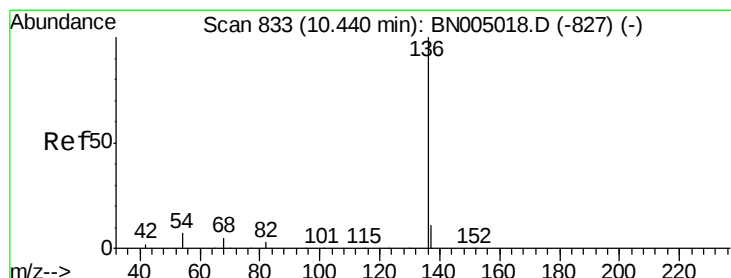
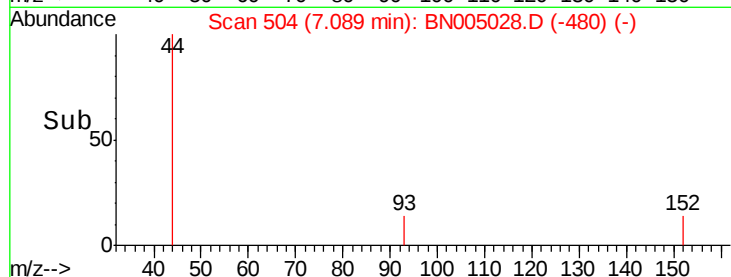
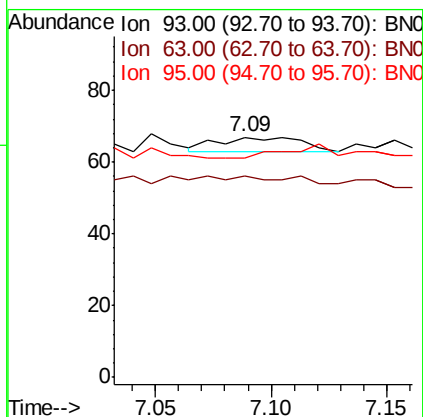
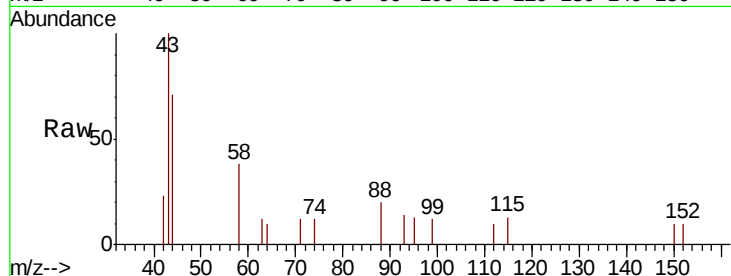
Tot Ion: 93 Resp: 10

Ion Ratio Lower Upper

93 100

63 0.0 51.8 77.6#

95 0.0 24.8 37.2#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.44 min Scan# 833

Delta R.T. 0.00 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

Tgt Ion: 136 Resp: 10961

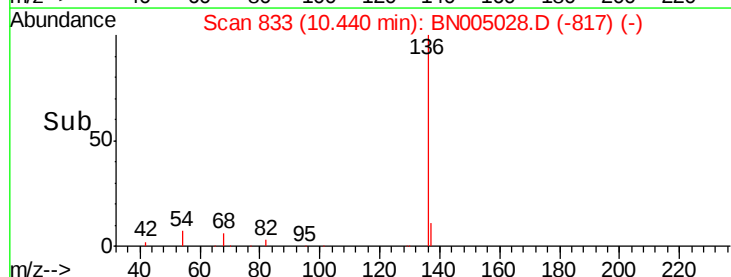
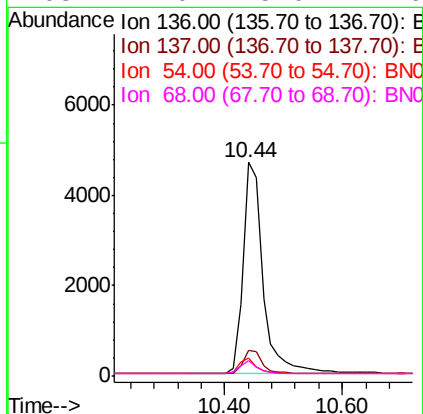
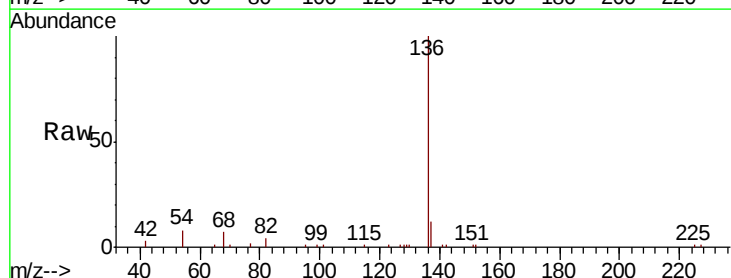
Ion Ratio Lower Upper

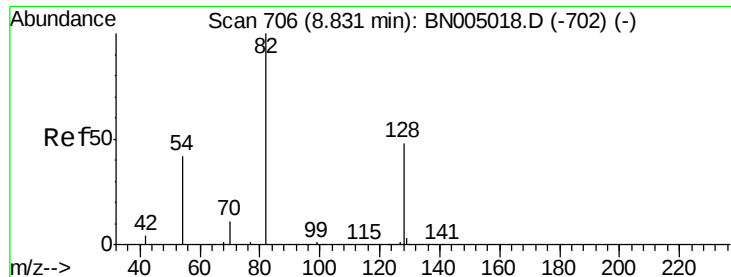
136 100

137 11.8 9.2 13.8

54 8.3 6.0 9.0

68 7.0 5.0 7.6





#8

Nitrobenzene-d5

Concen: 0.060 ng

RT: 8.86 min Scan# 708

Delta R.T. 0.03 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WPDL

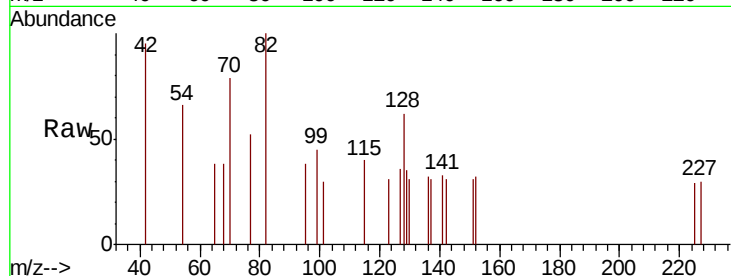
Tot Ion: 82 Resp: 379

Ion Ratio Lower Upper

82 100

128 62.3 40.5 60.7#

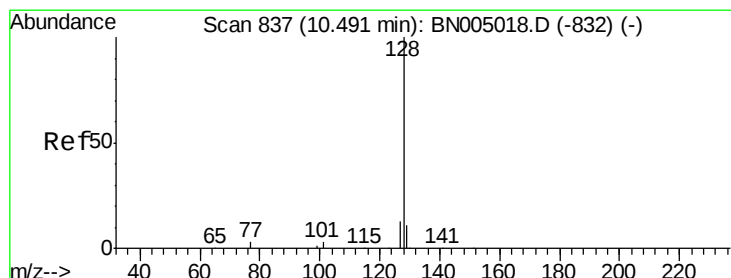
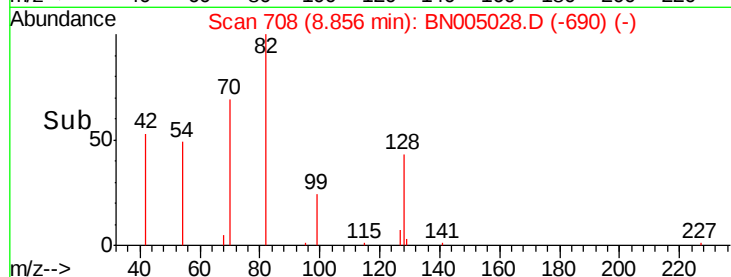
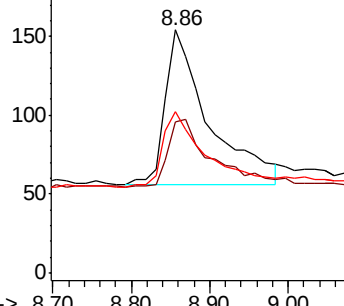
54 66.2 35.7 53.5#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#9

Naphthalene

Concen: 0.747 ng

RT: 10.49 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

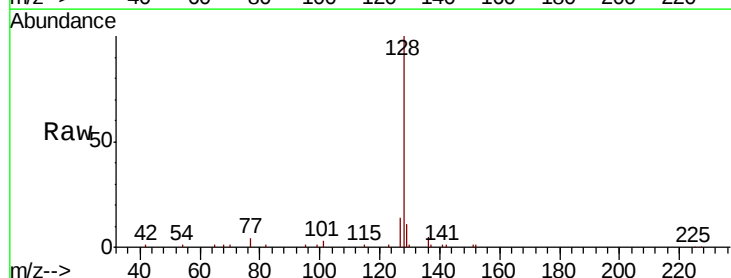
Tgt Ion: 128 Resp: 20591

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

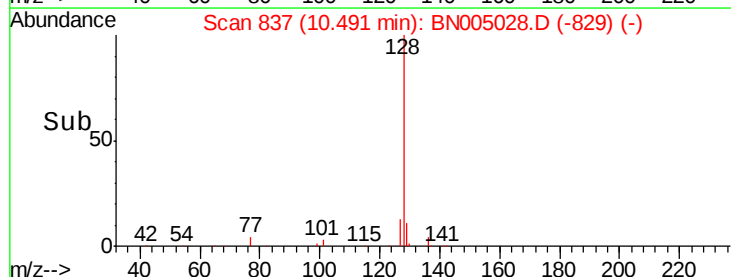
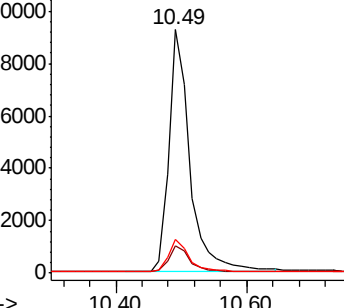
127 13.7 11.0 16.6

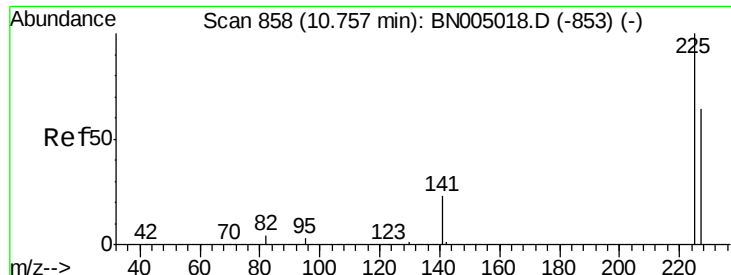


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

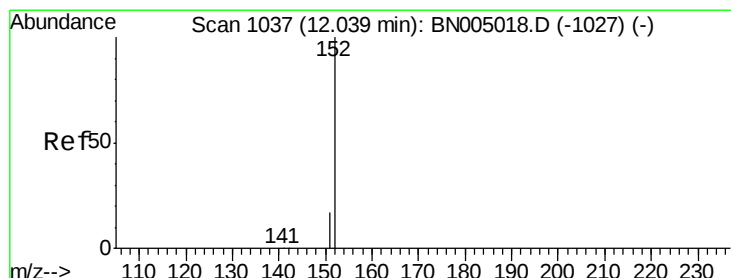
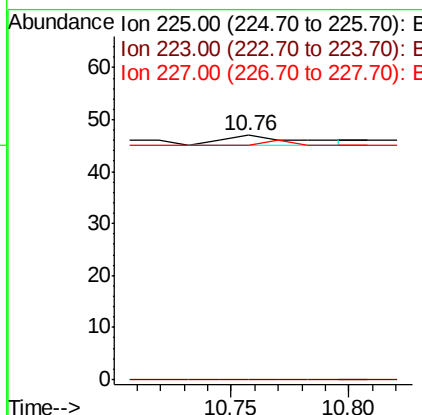
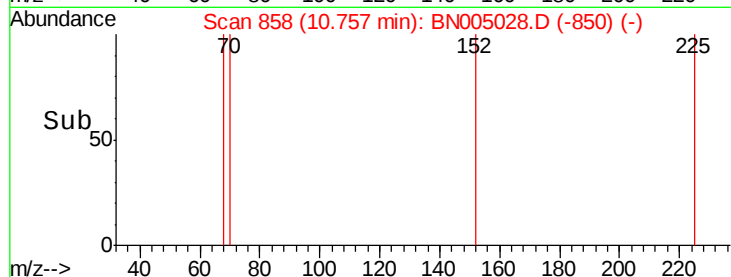
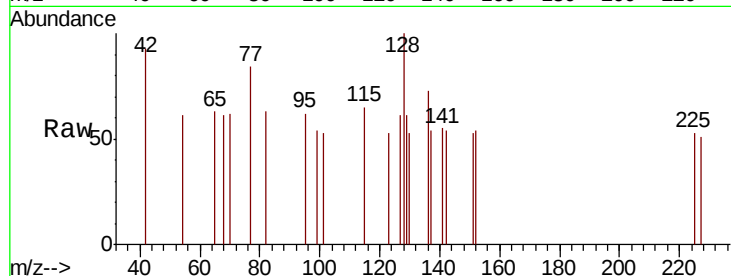




#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.76 min Scan# 858
Delta R.T. 0.00 min
Lab File: BN005028.D
Acq: 29 Mar 2019 11:07

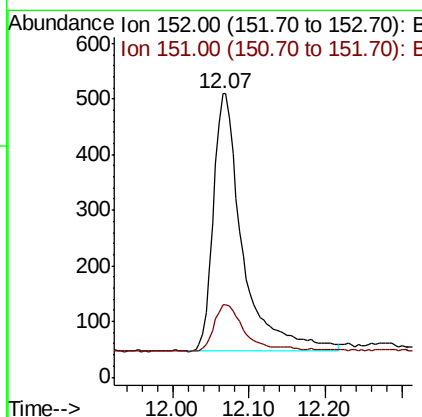
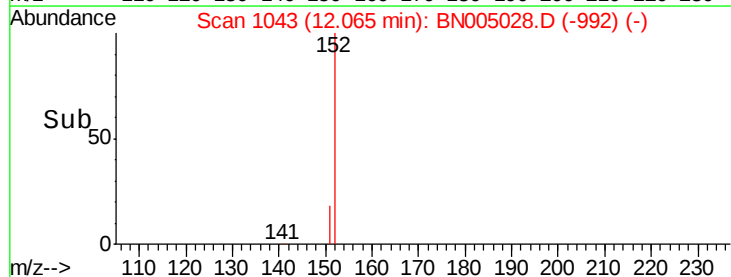
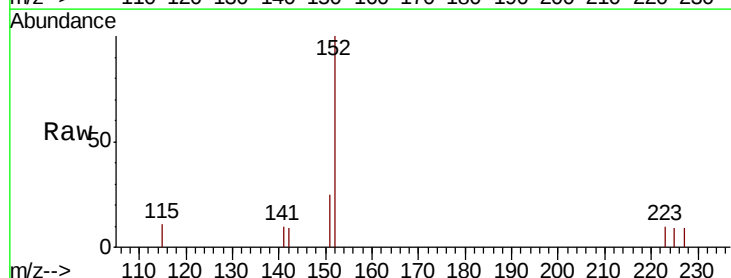
Instrument :
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RR-PAH-WPDL

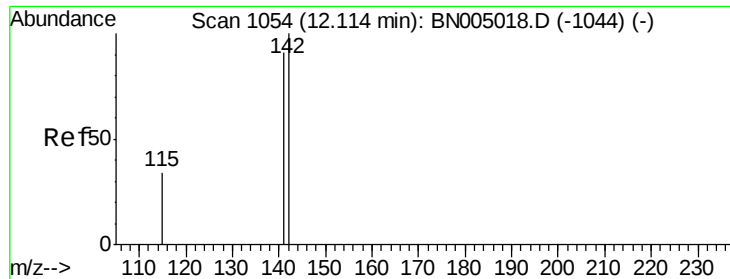
Tot Ion: 225 Resp: 5
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 20.0 51.5 77.3#



#11
2-Methylnaphthalene-d10
Concen: 0.072 ng
RT: 12.07 min Scan# 1043
Delta R.T. 0.03 min
Lab File: BN005028.D
Acq: 29 Mar 2019 11:07

Tgt Ion: 152 Resp: 1220
Ion Ratio Lower Upper
152 100
151 18.4 15.3 22.9

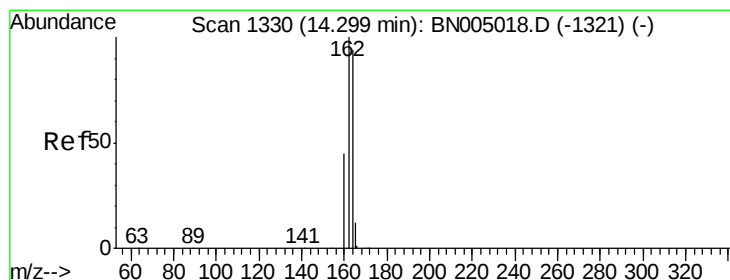
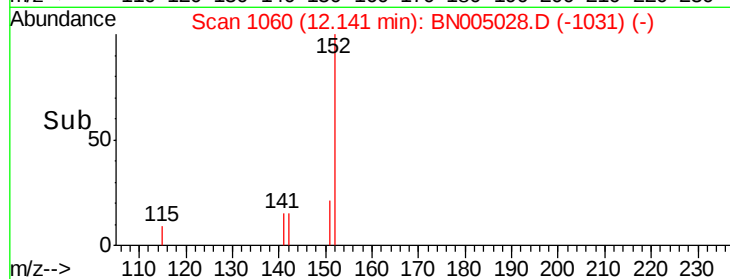
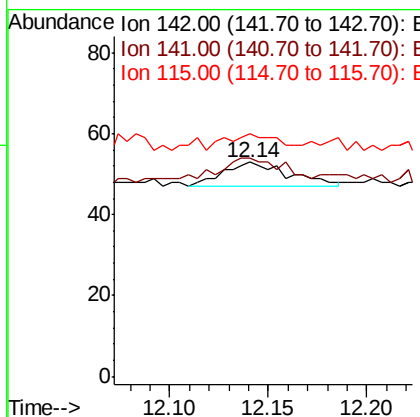
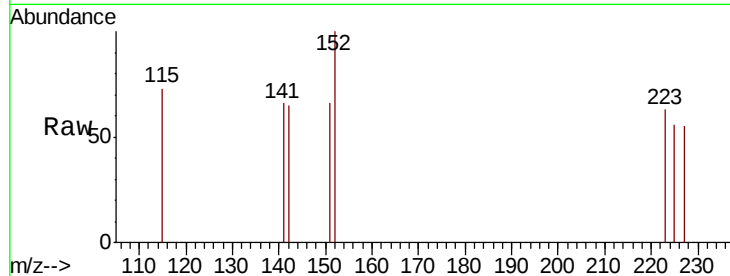




#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.14 min Scan# 1060
Delta R.T. 0.03 min
Lab File: BN005028.D
Acq: 29 Mar 2019 11:07

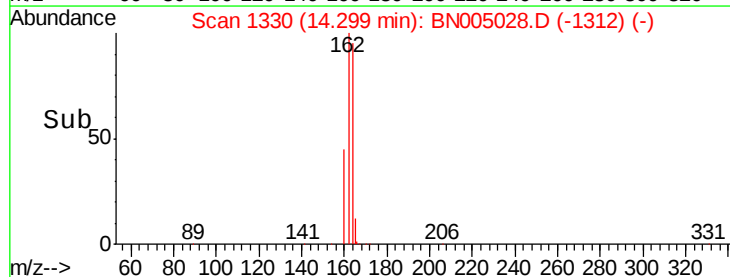
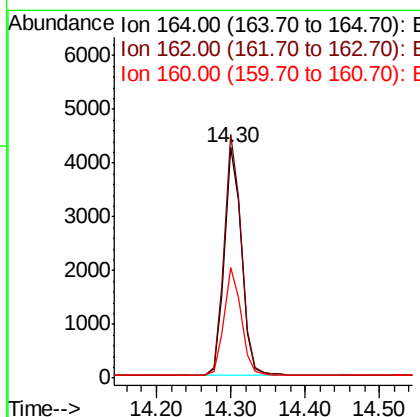
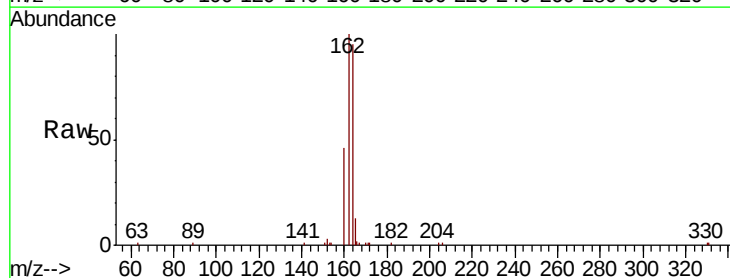
Instrument :
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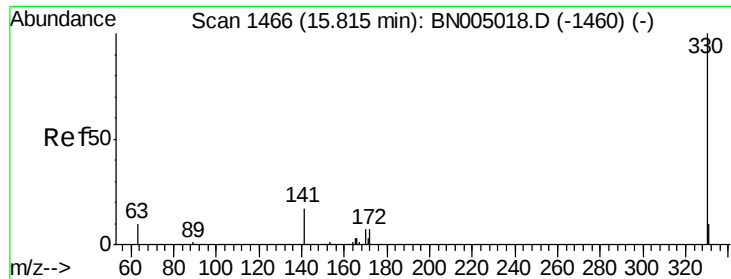
Tot Ion:142 Resp: 14
Ion Ratio Lower Upper
142 100
141 101.9 72.6 108.8
115 113.2 27.8 41.8#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BN005028.D
Acq: 29 Mar 2019 11:07

Tgt Ion:164 Resp: 6868
Ion Ratio Lower Upper
164 100
162 105.5 85.3 127.9
160 48.1 39.2 58.8

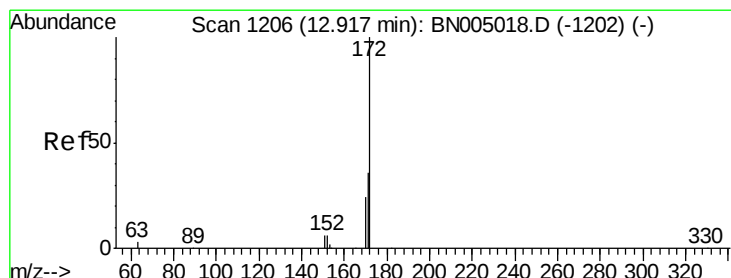
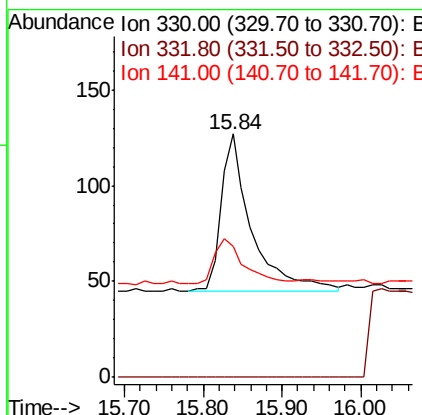
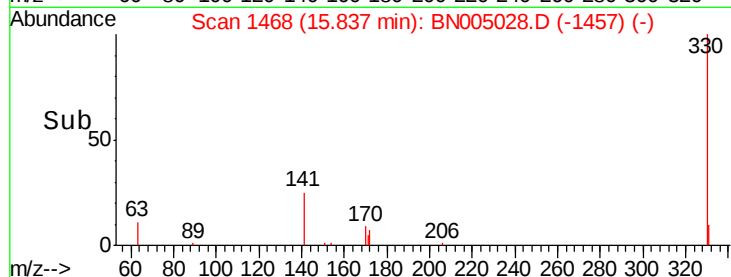
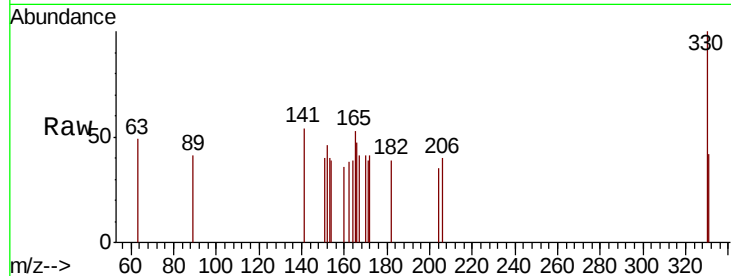




#14
2,4,6-Tribromophenol
Concen: 0.057 ng
RT: 15.84 min Scan# 1468
Delta R.T. 0.02 min
Lab File: BN005028.D
Acq: 29 Mar 2019 11:07

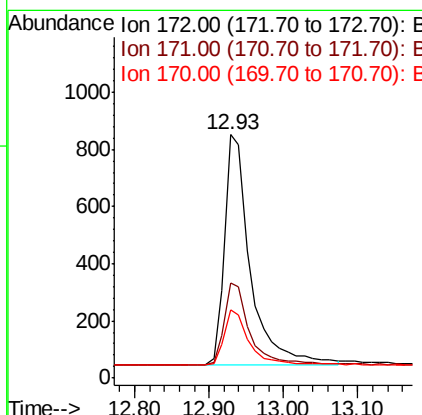
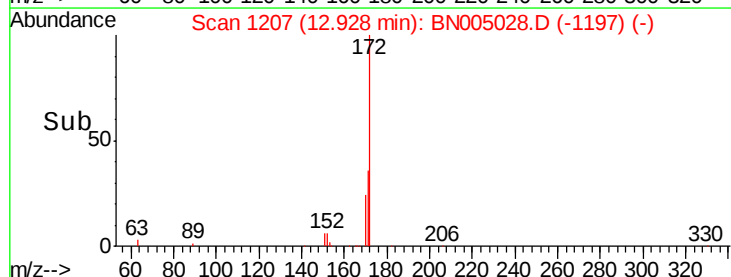
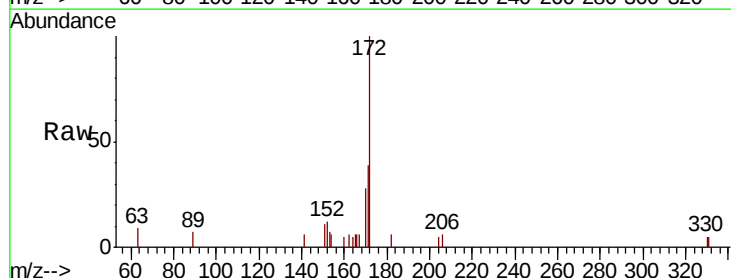
Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

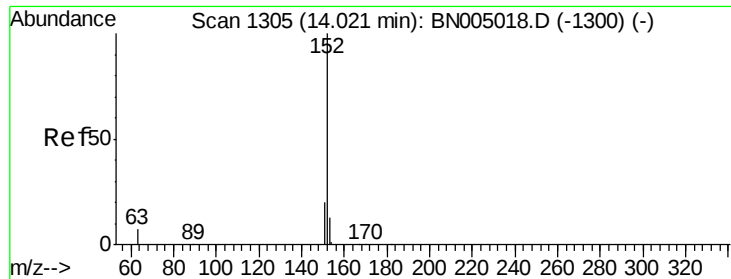
Tot Ion:330 Resp: 221
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 26.7 21.3 31.9



#15
2-Fluorobiphenyl
Concen: 0.075 ng
RT: 12.93 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BN005028.D
Acq: 29 Mar 2019 11:07

Tgt Ion:172 Resp: 1957
Ion Ratio Lower Upper
172 100
171 39.1 29.4 44.0
170 28.2 20.0 30.0





#16

Acenaphthylene

Concen: 1.428 ng

RT: 14.02 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

Instrument :

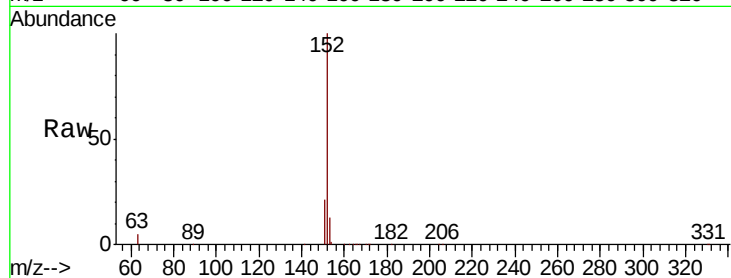
BNA_N

ClientSampleId :

RR-PAH-WPDL

Tot Ion:152 Resp: 46280

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	13.0	10.6	15.8

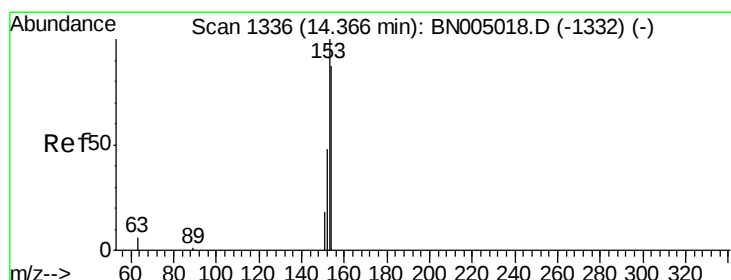
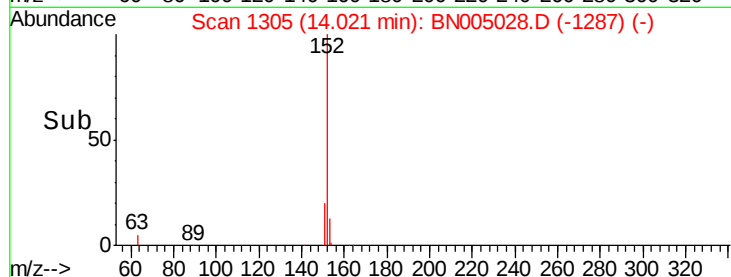
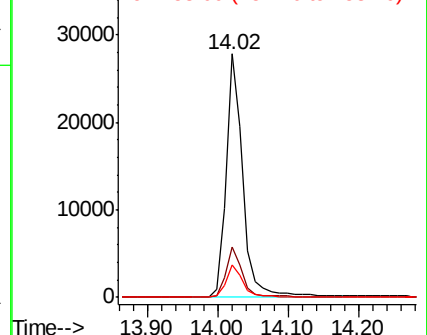


Abundance

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: 2.589 ng

RT: 14.37 min Scan# 1336

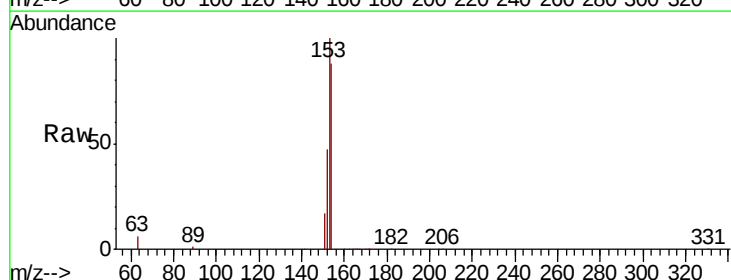
Delta R.T. 0.00 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

Tgt Ion:154 Resp: 53290

Ion	Ratio	Lower	Upper
154	100		
153	114.1	92.1	138.1
152	53.9	44.2	66.2

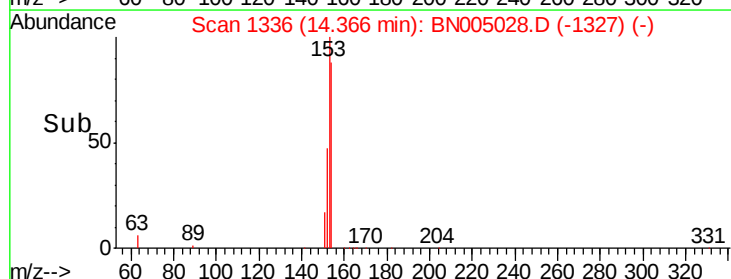
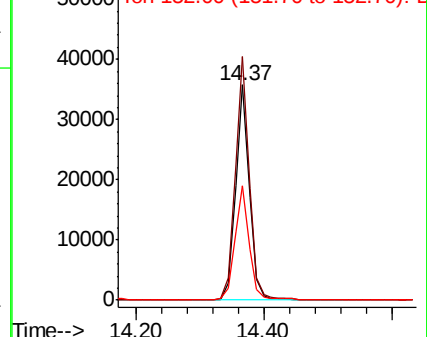


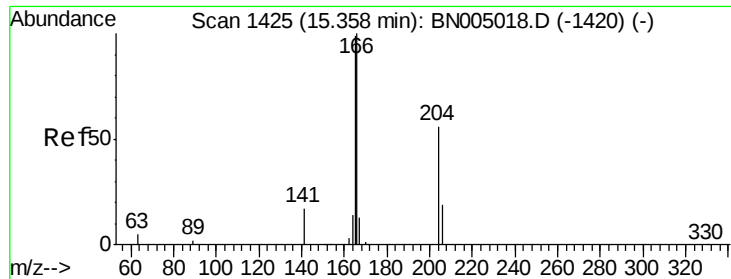
Abundance

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: 0.944 ng

RT: 15.36 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WPDL

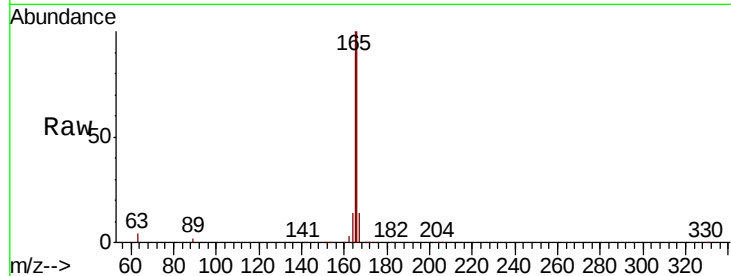
Tot Ion:166 Resp: 26092

Ion Ratio Lower Upper

166 100

165 98.3 78.7 118.1

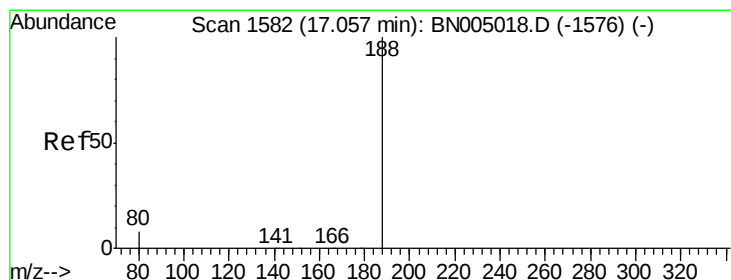
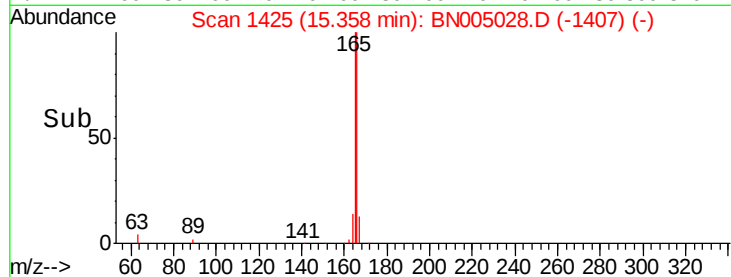
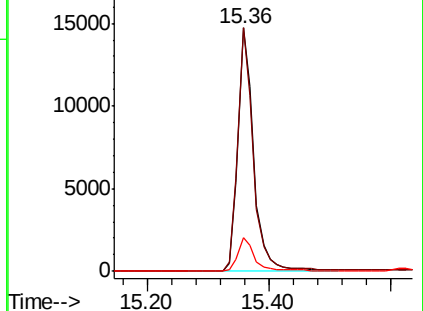
167 13.3 10.9 16.3



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: 17.06 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

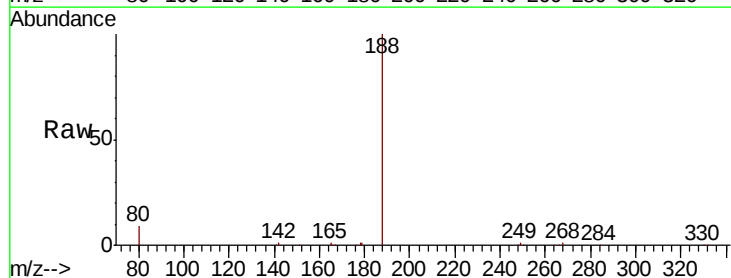
Tgt Ion:188 Resp: 17208

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

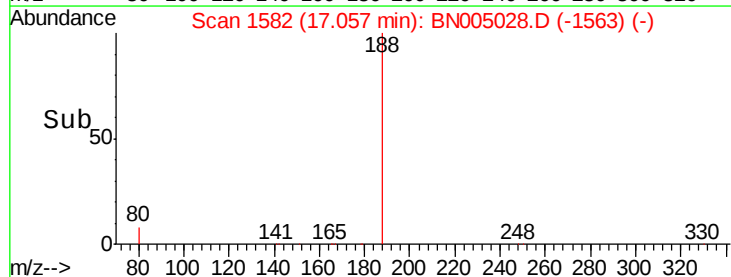
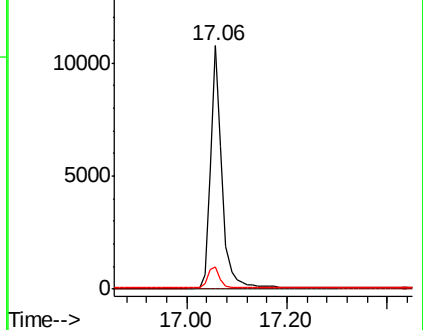
80 8.9 6.9 10.3

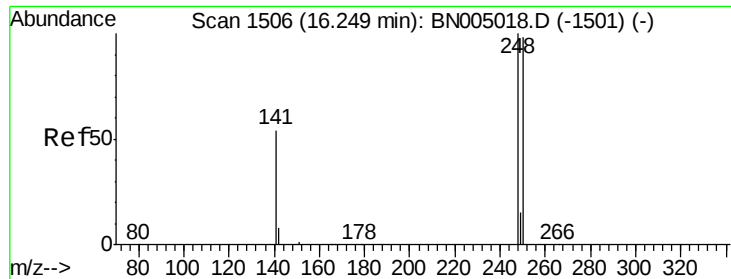


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#20

4-Bromophenyl-phenylether

Concen: 0.000 ng

RT: 16.26 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

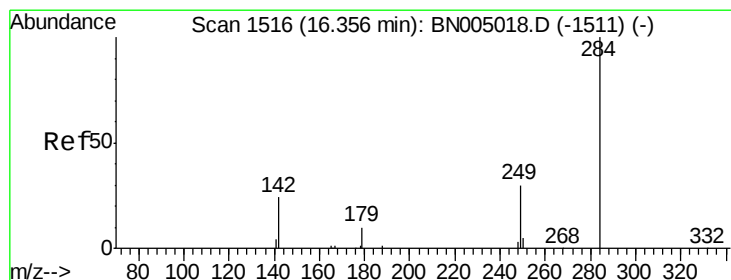
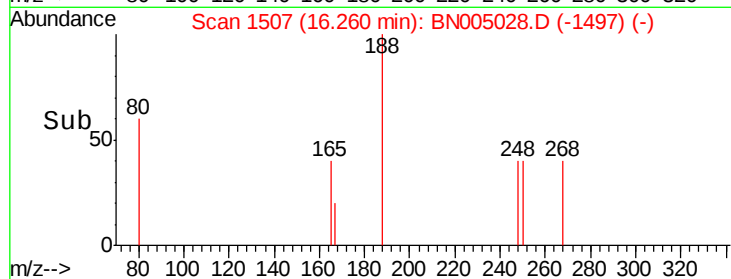
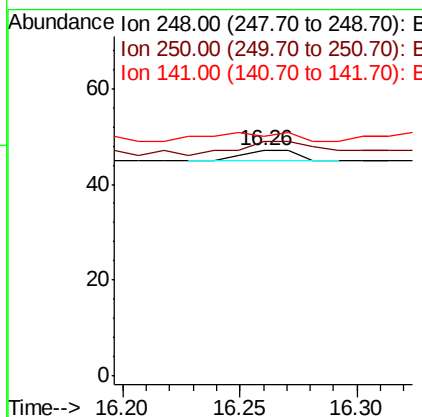
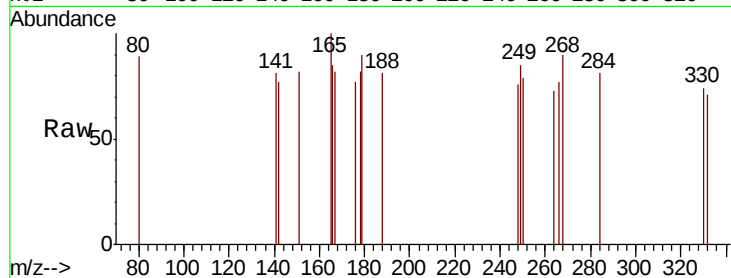
Instrument :

BNA_N

ClientSampleId :

RR-PAH-WPDL

Tot Ion:248	Resp:	3	
Ion Ratio	Lower	Upper	
248	100		
250	104.3	78.6	117.8
141	106.4	43.6	65.4#



#21

Hexachlorobenzene

Concen: 0.001 ng

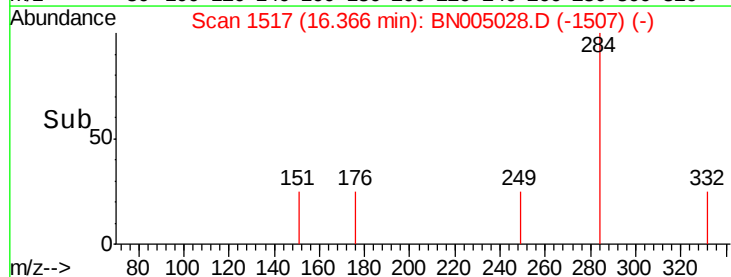
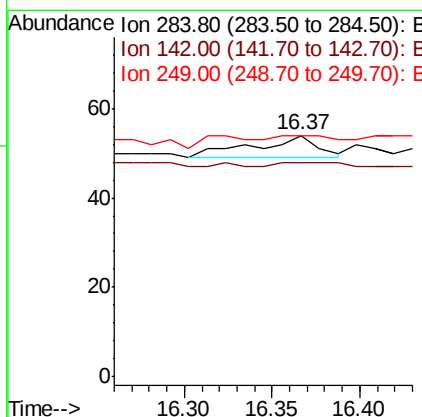
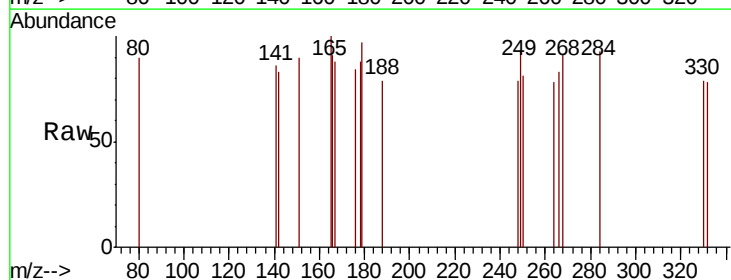
RT: 16.37 min Scan# 1517

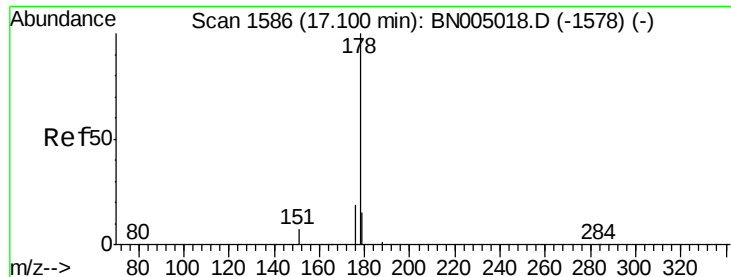
Delta R.T. 0.01 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

Tgt	Ion:284	Resp:	13
Ion	Ratio	Lower	Upper
284	100		
142	23.1	24.9	37.3#
249	53.8	23.8	35.6#





#23

Phenanthrene

Concen: 0.457 ng

RT: 17.10 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WPDL

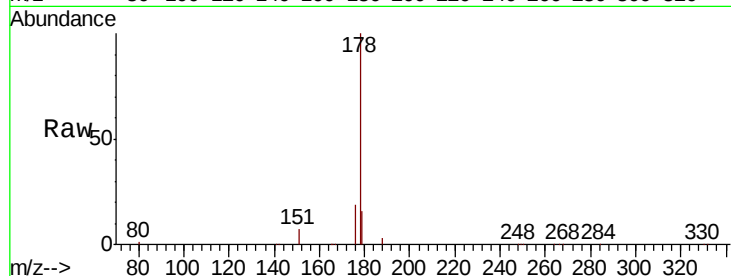
Tot Ion:178 Resp: 22027

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

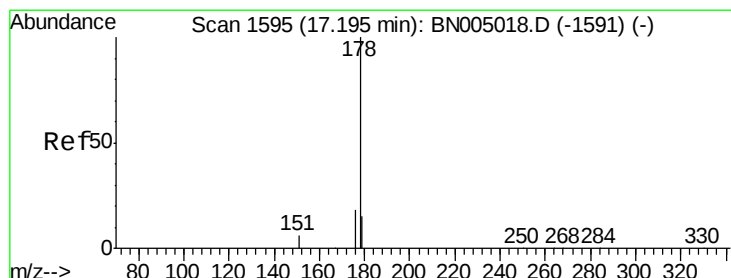
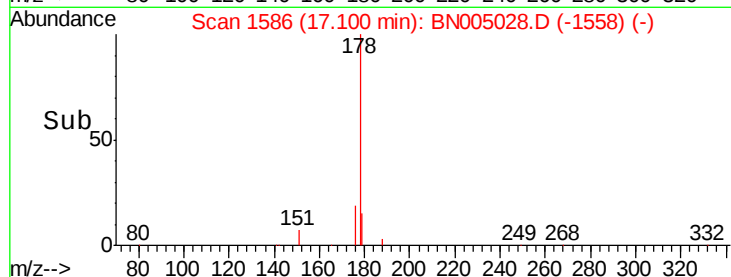
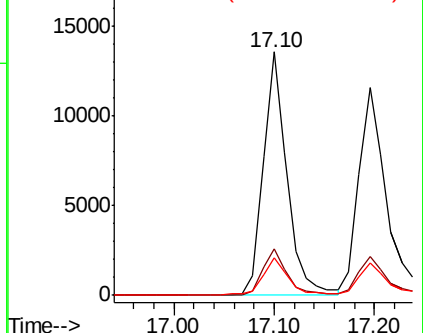
179 15.3 12.2 18.2



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: 0.511 ng

RT: 17.20 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

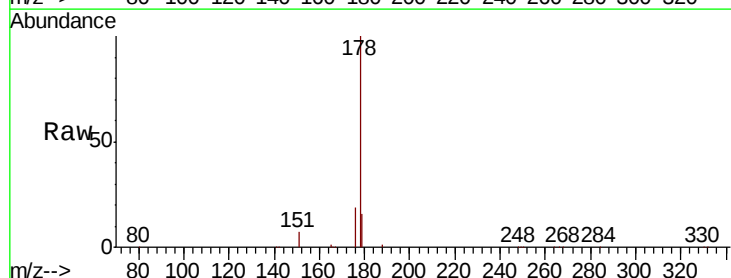
Tgt Ion:178 Resp: 21924

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

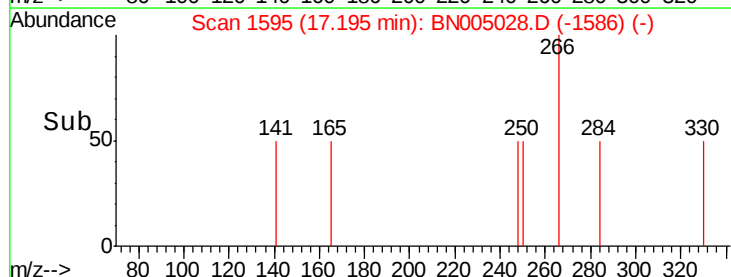
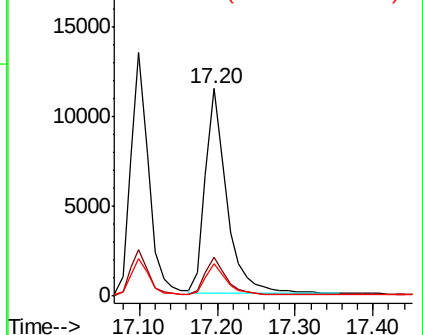
179 15.3 12.3 18.5

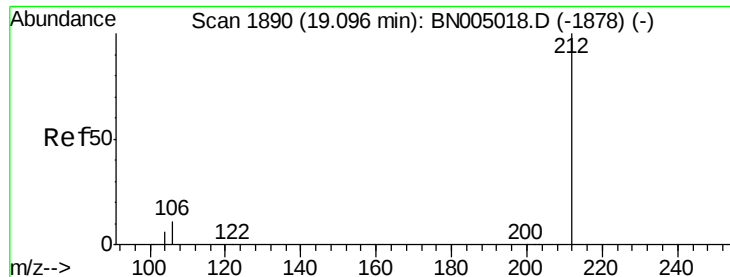


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.075 ng

RT: 19.10 min Scan# 1891

Delta R.T. 0.01 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WPDL

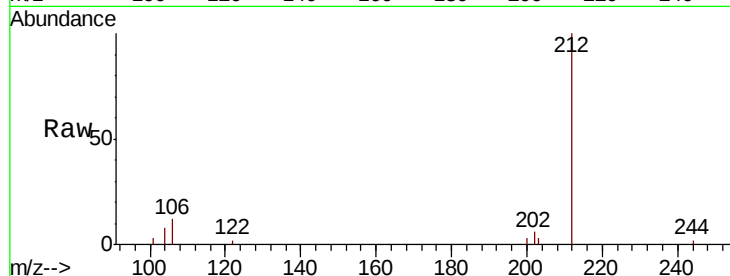
Tot Ion:212 Resp: 3665

Ion Ratio Lower Upper

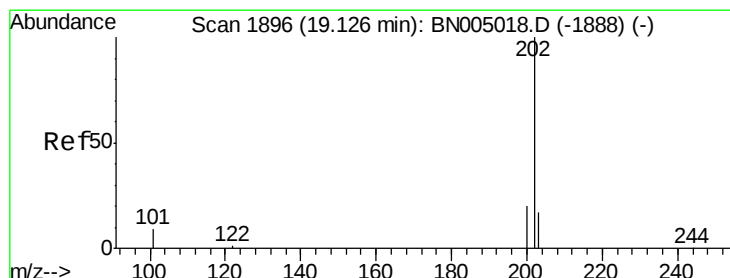
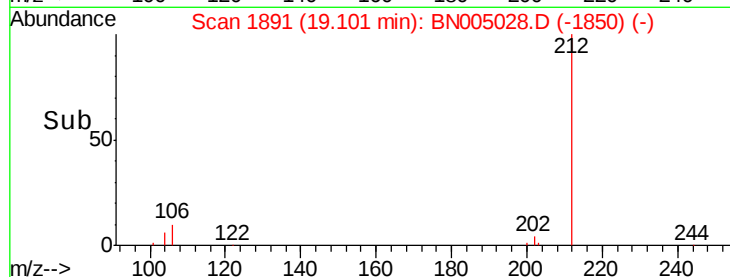
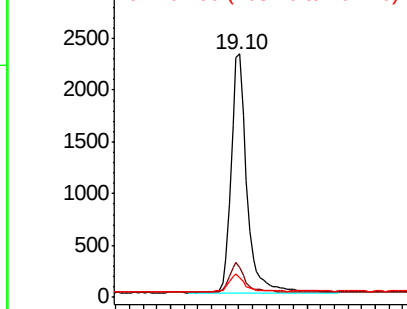
212 100

106 12.2 9.4 14.2

104 6.7 5.4 8.0



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



#26

Fluoranthene

Concen: 0.370 ng

RT: 19.13 min Scan# 1897

Delta R.T. 0.01 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

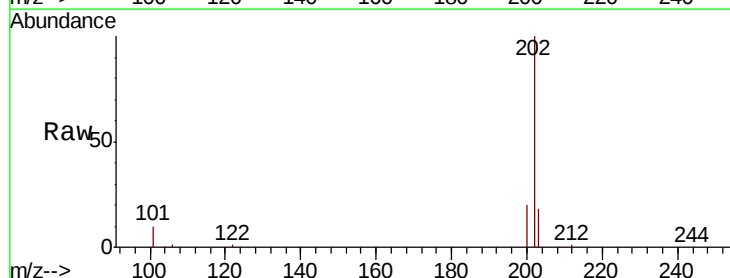
Tgt Ion:202 Resp: 21831

Ion Ratio Lower Upper

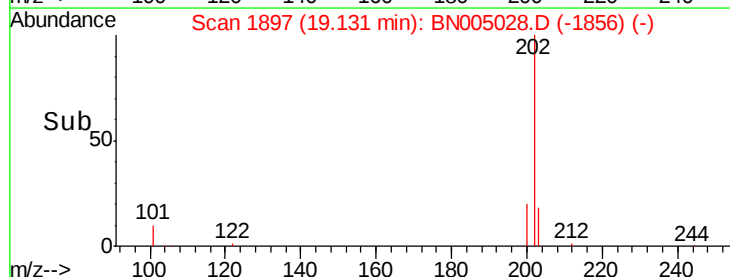
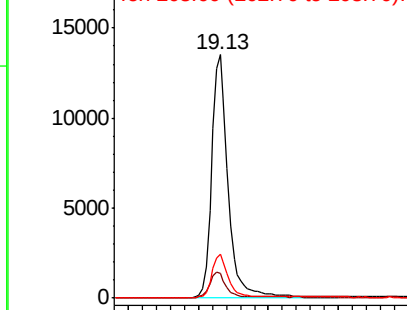
202 100

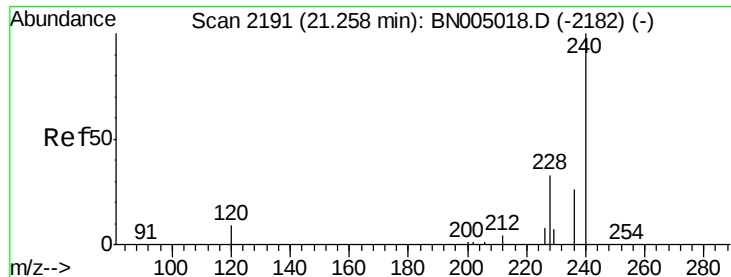
101 10.2 8.2 12.2

203 17.4 13.8 20.8



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: 21.26 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WPDL

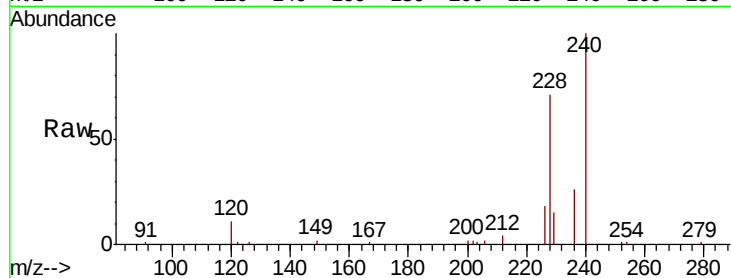
Tot Ion:240 Resp: 21279

Ion Ratio Lower Upper

240 100

120 10.9 7.4 11.0

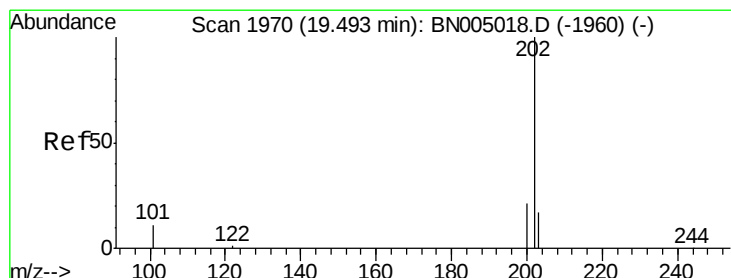
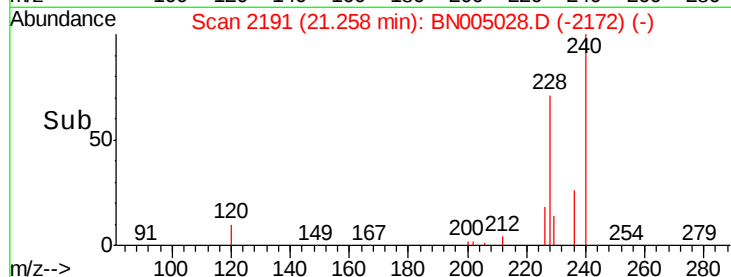
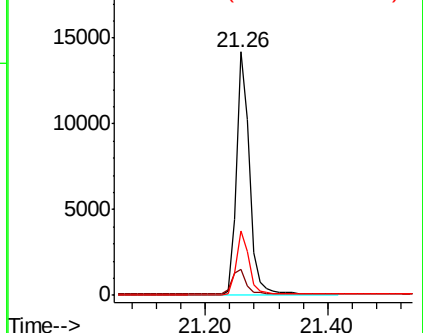
236 26.5 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.170 ng

RT: 19.50 min Scan# 1971

Delta R.T. 0.01 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

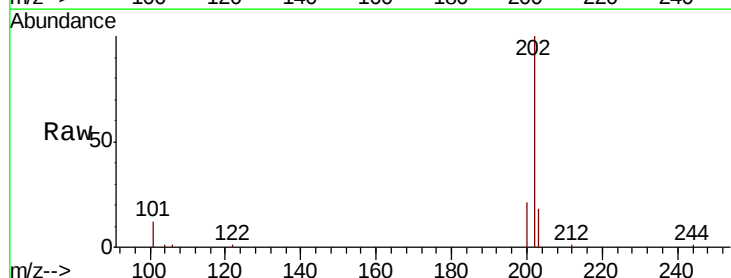
Tgt Ion:202 Resp: 10260

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

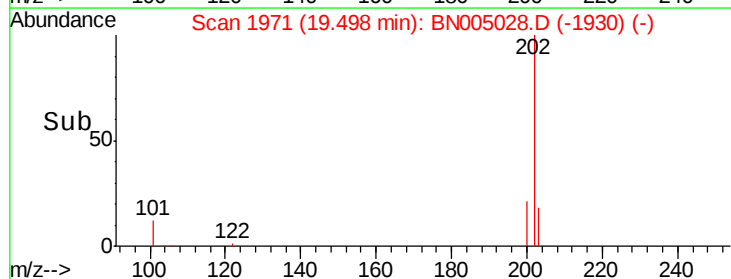
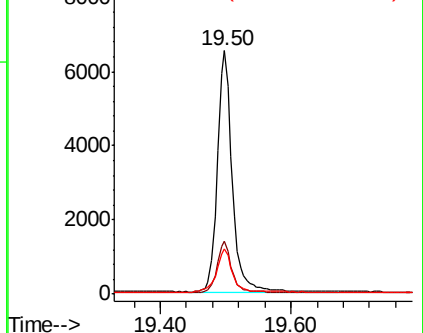
203 18.7 13.9 20.9

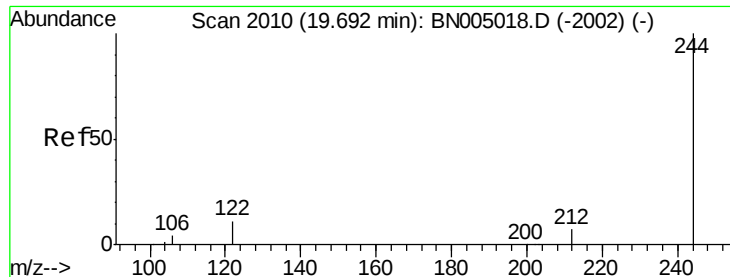


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.078 ng

RT: 19.70 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WPDL

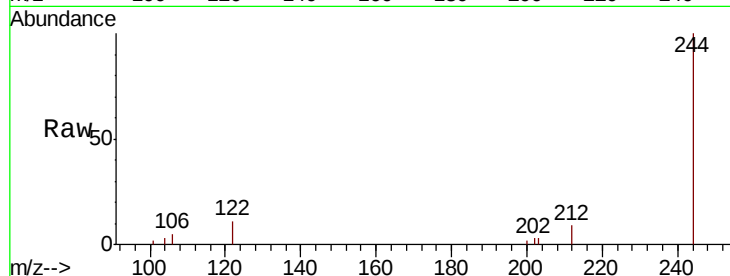
Tot Ion:244 Resp: 3420

Ion Ratio Lower Upper

244 100

212 8.5 5.9 8.9

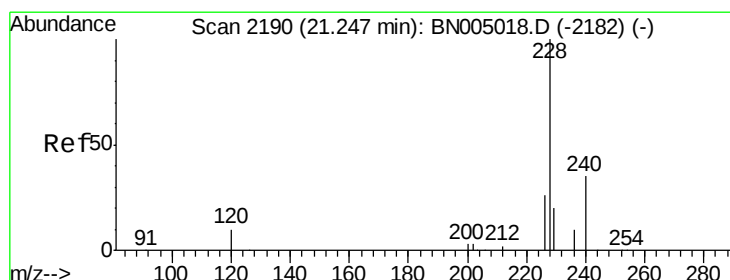
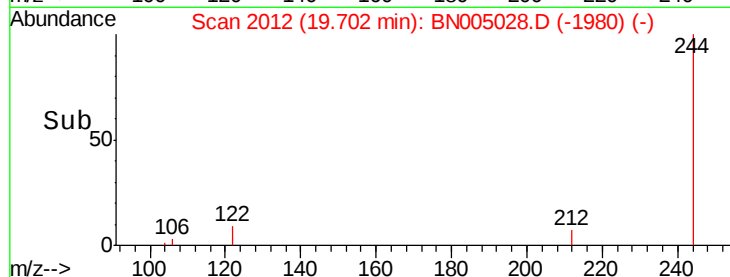
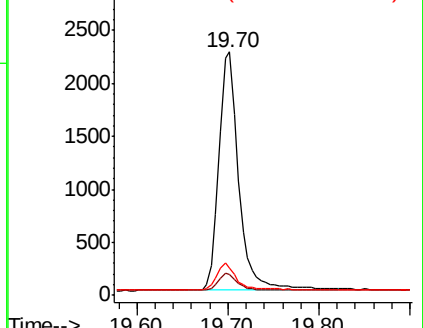
122 11.1 9.0 13.4



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: 0.662 ng

RT: 21.25 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

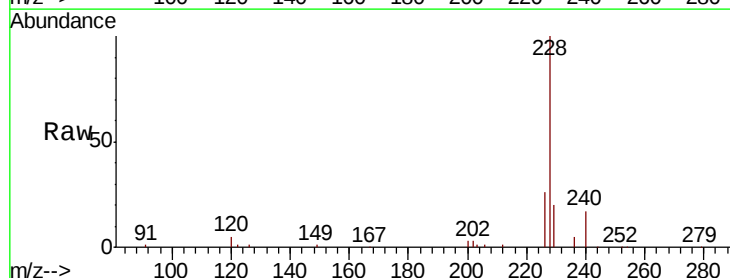
Tgt Ion:228 Resp: 39720

Ion Ratio Lower Upper

228 100

226 26.2 20.9 31.3

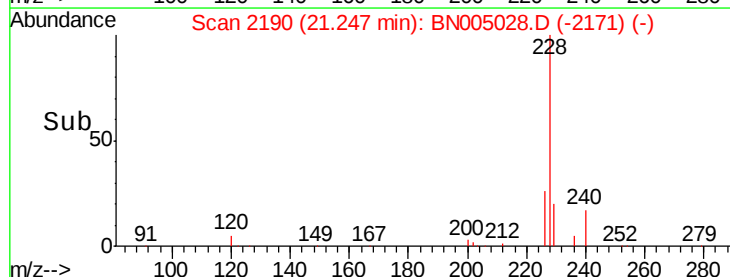
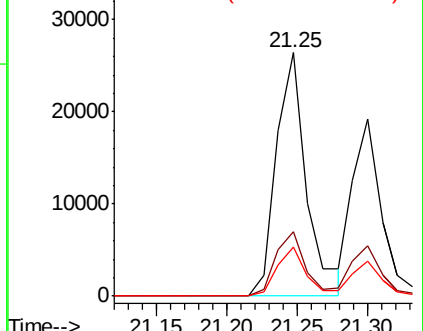
229 20.2 16.2 24.2

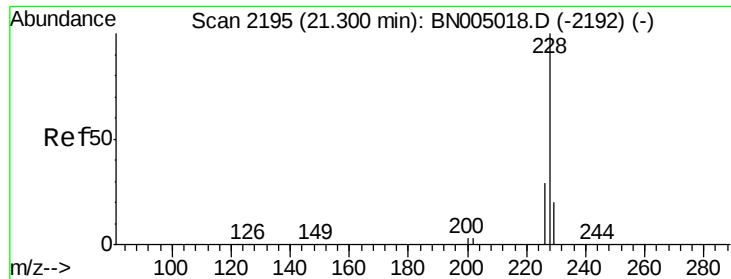


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.420 ng

RT: 21.30 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WPDL

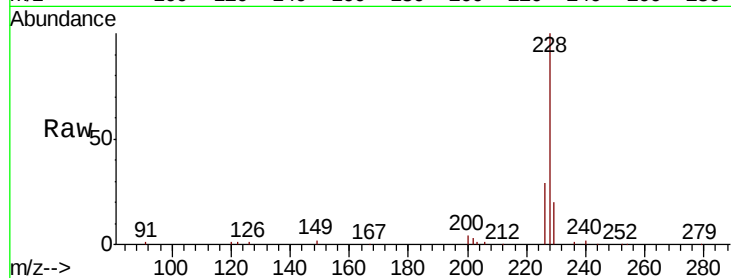
Tot Ion:228 Resp: 27194

Ion Ratio Lower Upper

228 100

226 28.8 22.8 34.2

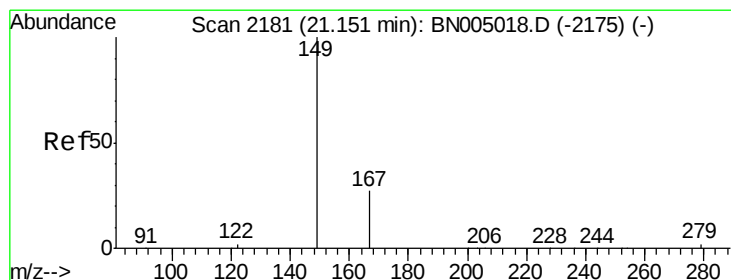
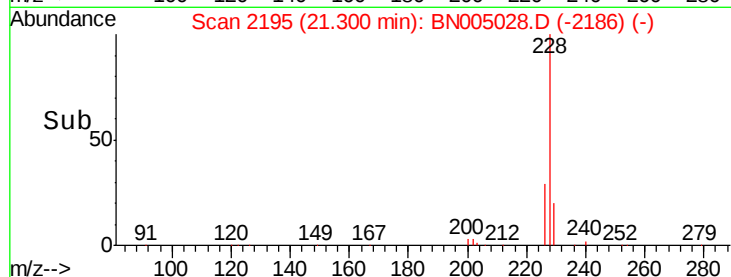
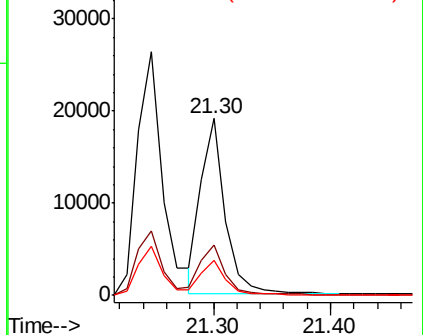
229 20.0 16.2 24.4



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.007 ng

RT: 21.15 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

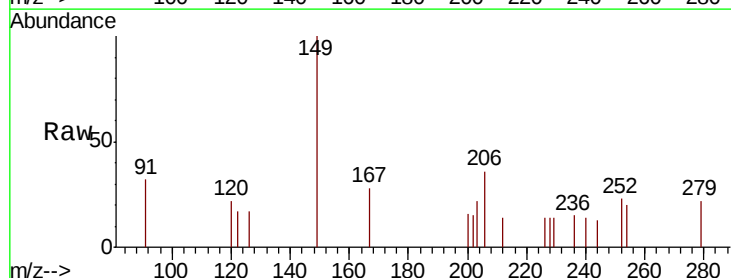
Tgt Ion:149 Resp: 173

Ion Ratio Lower Upper

149 100

167 32.4 22.2 33.4

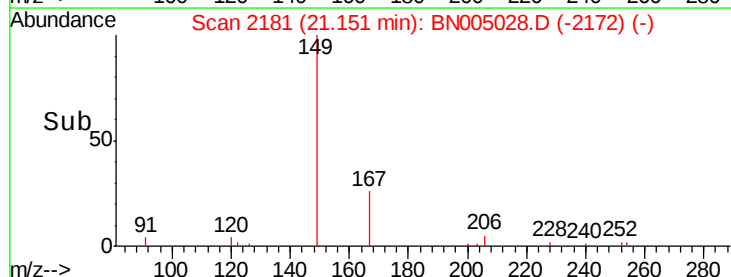
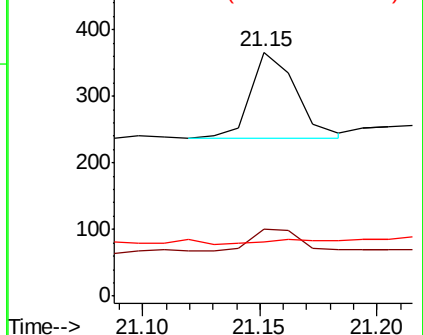
279 6.4 4.2 6.4

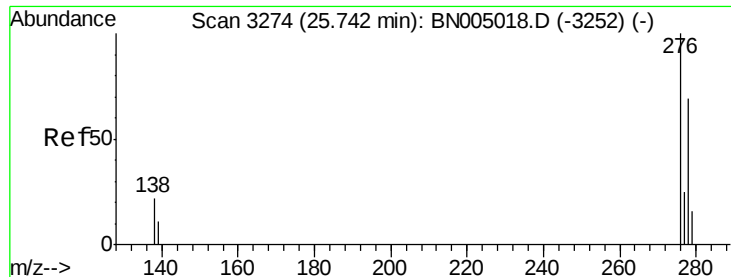


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

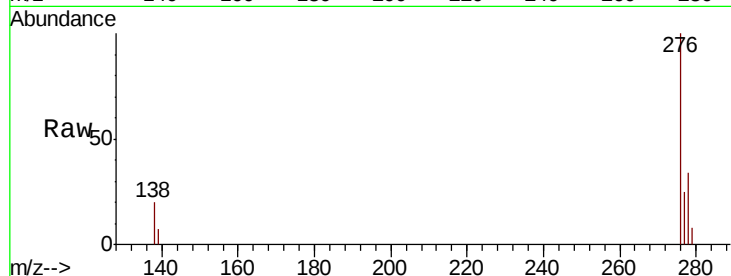




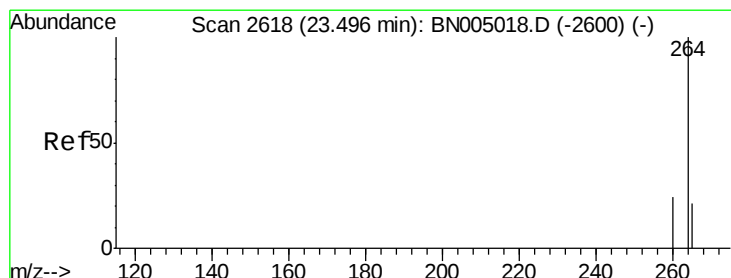
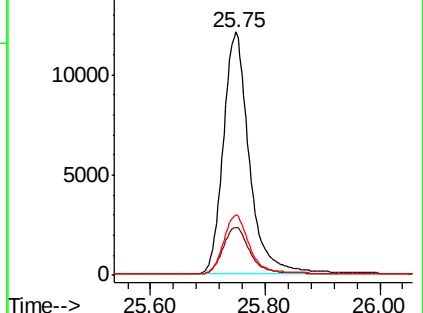
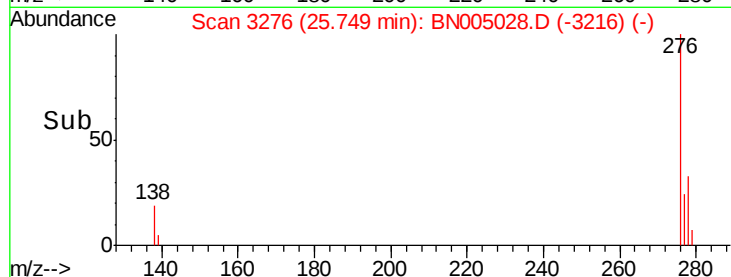
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.524 ng
RT: 25.75 min Scan# 3276
Delta R.T. 0.01 min
Lab File: BN005028.D
Acq: 29 Mar 2019 11:07

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Tot Ion:276 Resp: 38143
Ion Ratio Lower Upper
276 100
138 19.9 18.2 27.2
277 24.4 20.3 30.5

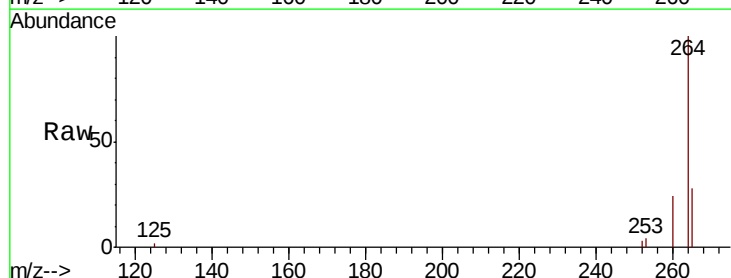


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

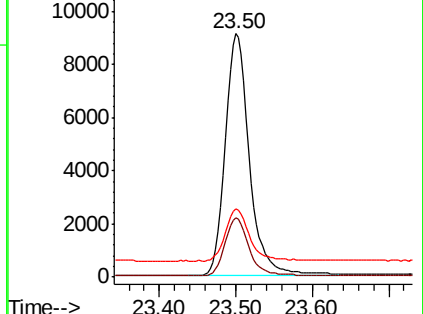
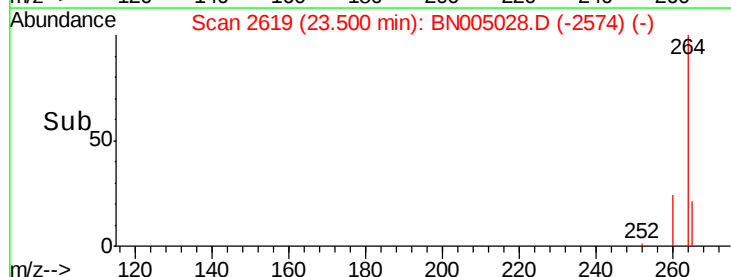


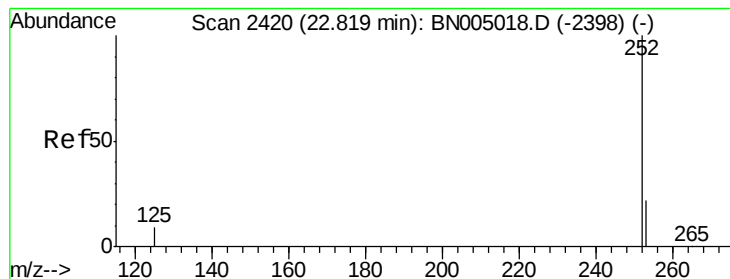
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BN005028.D
Acq: 29 Mar 2019 11:07

Tgt Ion:264 Resp: 20291
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.0
265 28.2 22.5 33.7



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: 0.761 ng

RT: 22.83 min Scan# 2422

Delta R.T. 0.01 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WPDL

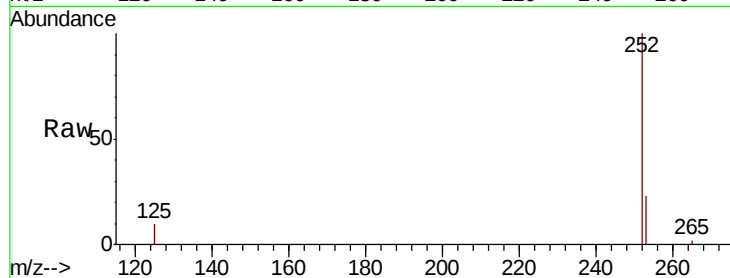
Tot Ion:252 Resp: 49502

Ion Ratio Lower Upper

252 100

253 22.9 19.2 28.8

125 9.5 8.2 12.2

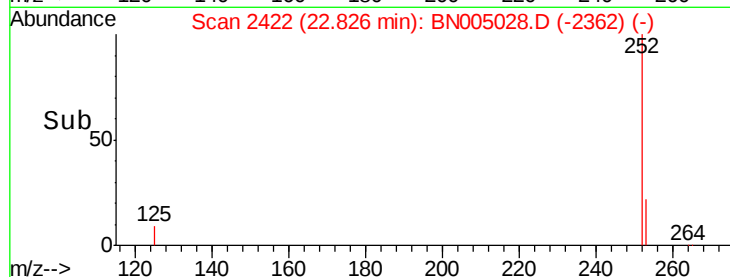
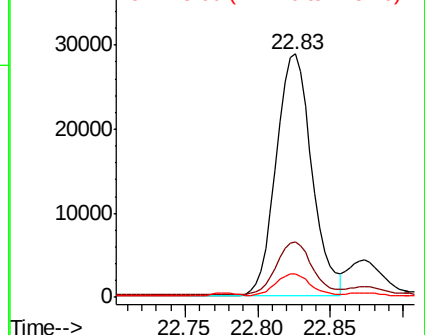


Abundance

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: 0.127 ng

RT: 22.87 min Scan# 2436

Delta R.T. 0.01 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

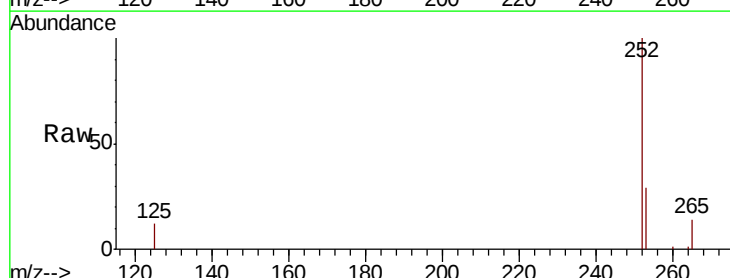
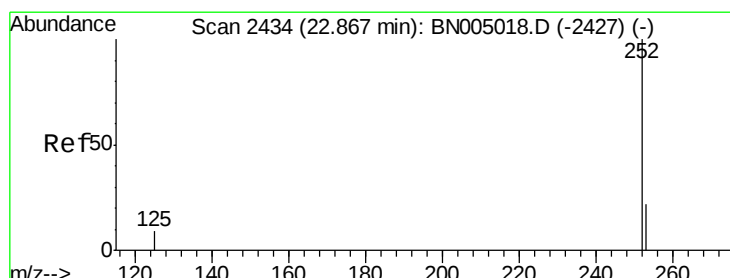
Tgt Ion:252 Resp: 7994

Ion Ratio Lower Upper

252 100

253 28.6 19.3 28.9

125 12.1 8.2 12.2

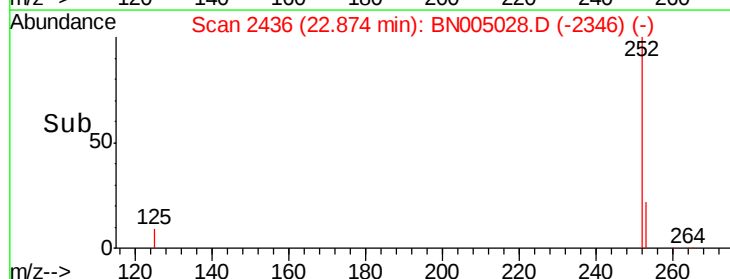
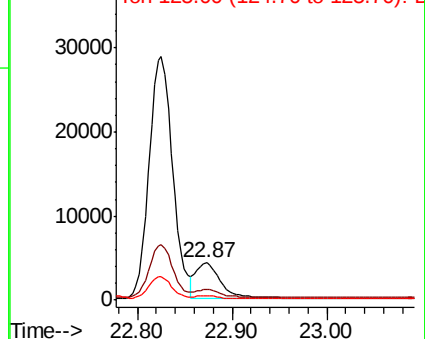


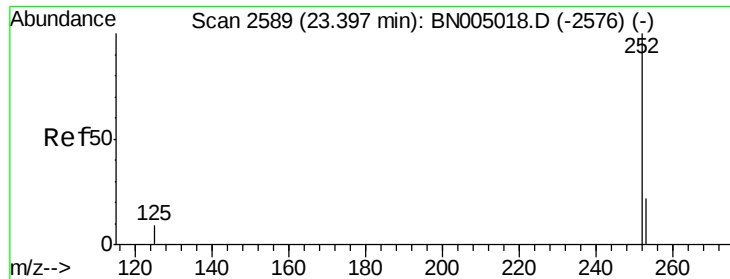
Abundance

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





#37

Benzo(a)pyrene

Concen: 0.123 ng

RT: 23.41 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WPDL

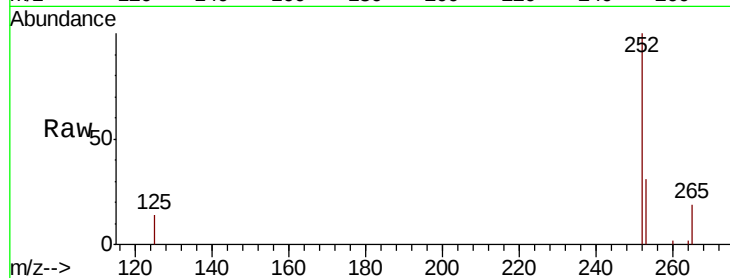
Tot Ion:252 Resp: 7114

Ion Ratio Lower Upper

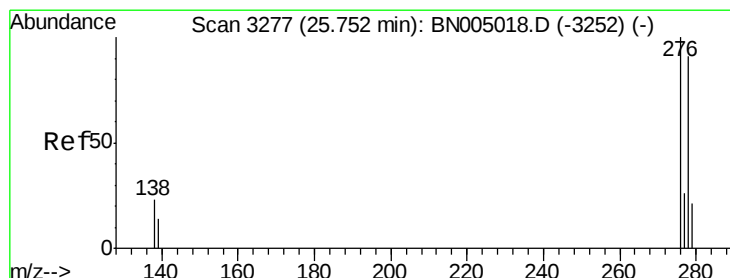
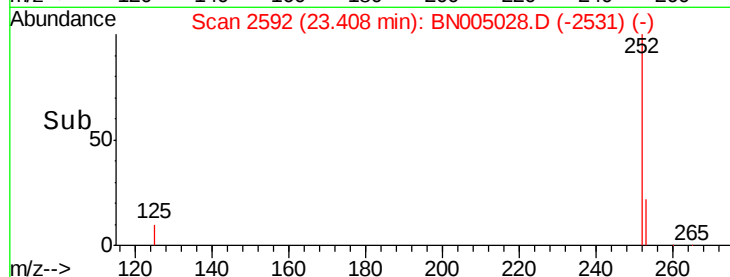
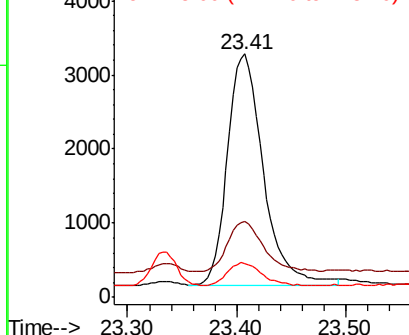
252 100

253 31.0 20.2 30.2#

125 14.0 9.2 13.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.283 ng

RT: 25.76 min Scan# 3279

Delta R.T. 0.01 min

Lab File: BN005028.D

Acq: 29 Mar 2019 11:07

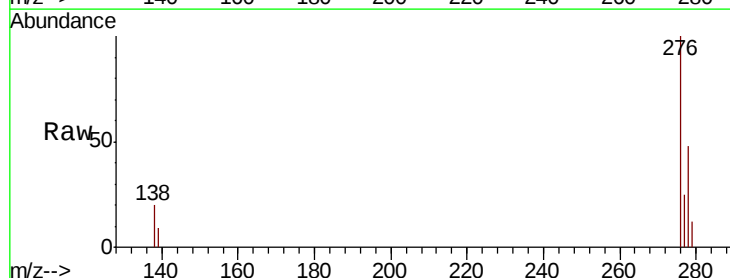
Tgt Ion:278 Resp: 16355

Ion Ratio Lower Upper

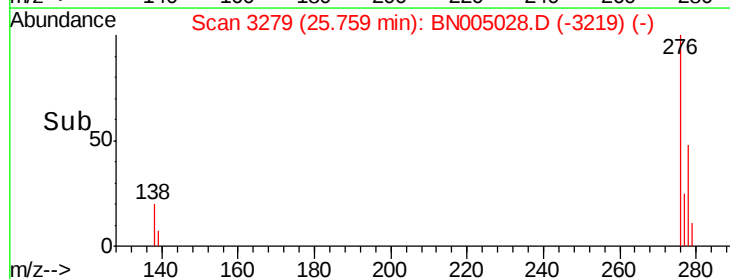
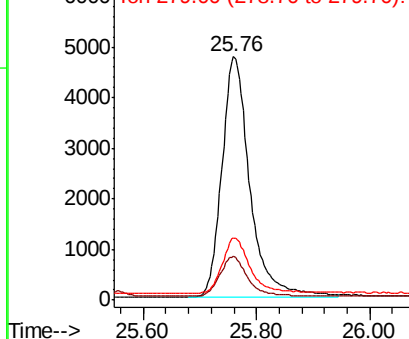
278 100

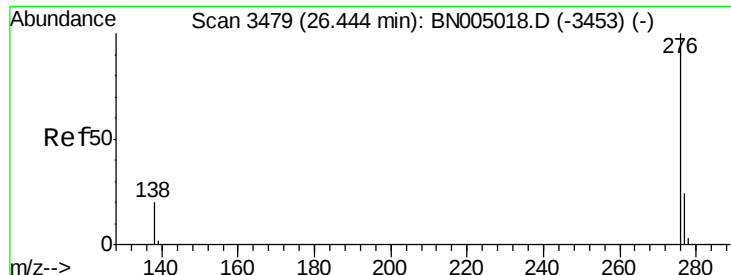
139 17.8 13.1 19.7

279 25.6 20.2 30.2



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: 0.221 ng

RT: 26.45 min Scan# 3481

Delta R.T. 0.01 min

Lab File: BN005028.D

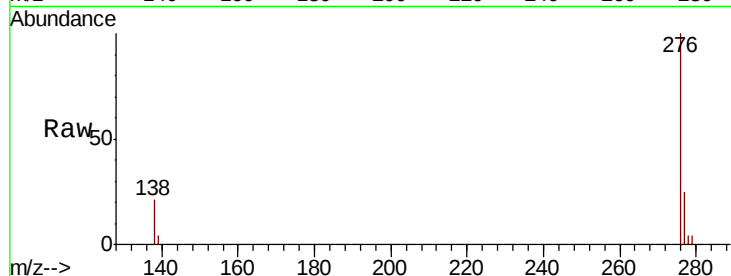
Acq: 29 Mar 2019 11:07

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WPDL



Tot Ion: 276 Resp: 12856

Ion Ratio Lower Upper

276 100

277 25.2 19.8 29.6

138 20.5 16.4 24.6

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

