

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
 Data File : BN010149.D
 Acq On : 09 Mar 2020 16:39
 Operator : CG/JU
 Sample : L1798-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RR-PAH-WP

Quant Time: Mar 09 17:24:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	858	0.40	ng	-0.04
7) Naphthalene-d8	10.11	136	3286	0.40	ng	-0.06
13) Acenaphthene-d10	13.99	164	1694	0.40	ng	-0.07
19) Phenanthrene-d10	16.76	188	4596	0.40	ng	-0.05
27) Chrysene-d12	20.99	240	3877	0.40	ng	-0.04
34) Perylene-d12	23.10	264	1433	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	864	0.45	ng	-0.05
5) Phenol-d6	6.67	99	696	0.30	ng	0.02
8) Nitrobenzene-d5	8.58	82	640	0.23	ng	-0.01
11) 2-Methylnaphthalene-d10	11.74	152	1711	0.27	ng	-0.04
14) 2,4,6-Tribromophenol	15.55	330	329	0.50	ng	-0.03
15) 2-Fluorobiphenyl	12.63	172	2633	0.41	ng	-0.06
25) Fluoranthene-d10	18.81	212	3954	0.25	ng	-0.05
29) Terphenyl-d14	19.43	244	3878	0.42	ng	-0.04

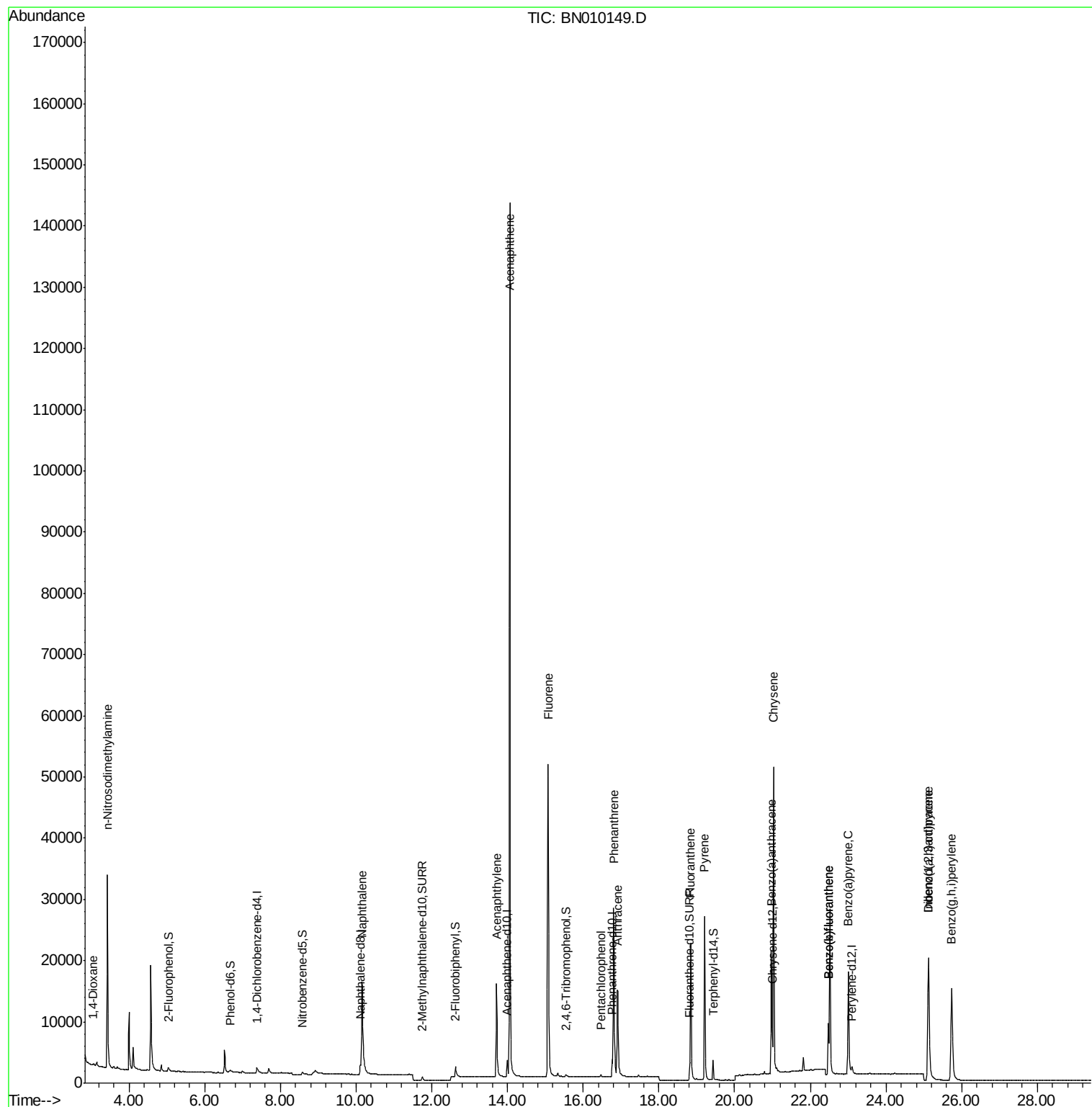
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	117	0.133	ng	# 68
3) n-Nitrosodimethylamine	3.43	42	1067	0.740	ng	# 14
9) Naphthalene	10.15	128	32943	3.676	ng	94
16) Acenaphthylene	13.71	152	19033	2.636	ng	100
17) Acenaphthene	14.06	154	75803	14.927	ng	99
18) Fluorene	15.07	166	45895	6.849	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	29	Below Cal		# 77
22) Pentachlorophenol	16.46	266	55	0.236	ng	# 29
23) Phenanthrene	16.80	178	32963	2.410	ng	99
24) Anthracene	16.91	178	23927	2.069	ng	100
26) Fluoranthene	18.84	202	24246	1.480	ng	99
28) Pyrene	19.21	202	28824	1.958	ng	100
30) Benzo(a)anthracene	20.97	228	18847	1.465	ng	98
31) Chrysene	21.03	228	43762	2.940	ng	98
33) Indeno(1,2,3-cd)pyrene	25.12	276	17306	1.116	ng	# 93
35) Benzo(b)fluoranthene	22.48	252	9886	1.887	ng	# 90
36) Benzo(k)fluoranthene	22.48	252	9886	1.733	ng	95
37) Benzo(a)pyrene	23.00	252	28523	5.967	ng	# 81
38) Dibenzo(a,h)anthracene	25.12	278	26981	5.732	ng	# 90
39) Benzo(g,h,i)perylene	25.73	276	33533	6.688	ng	95

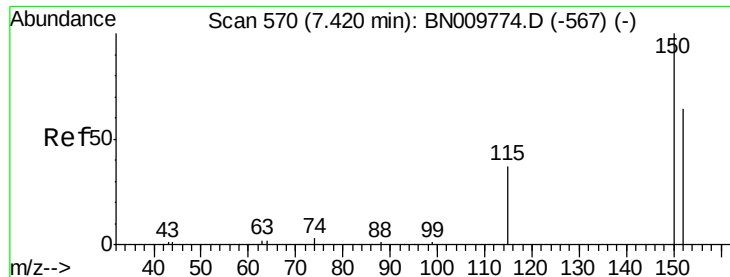
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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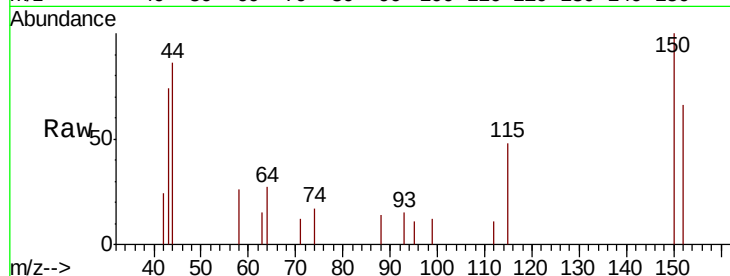


#1

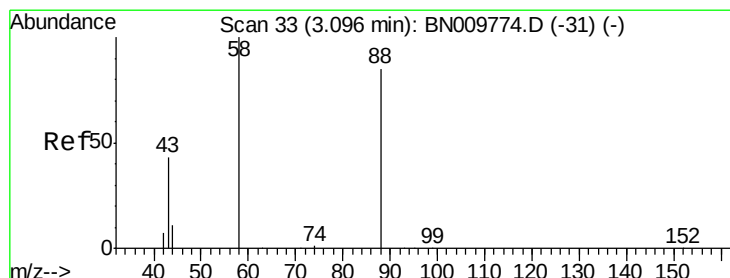
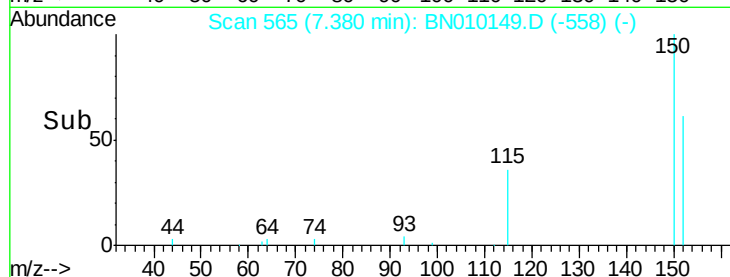
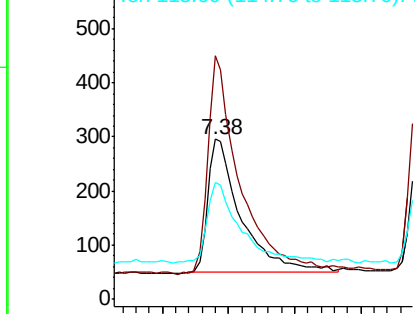
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WP

Tot Ion:152 Resp: 858
Ion Ratio Lower Upper
152 100
150 152.0 120.6 181.0
115 72.6 51.2 76.8



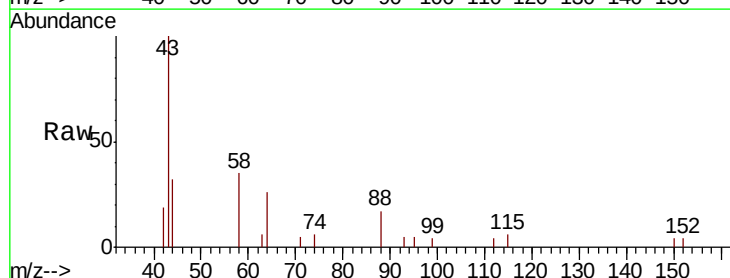
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



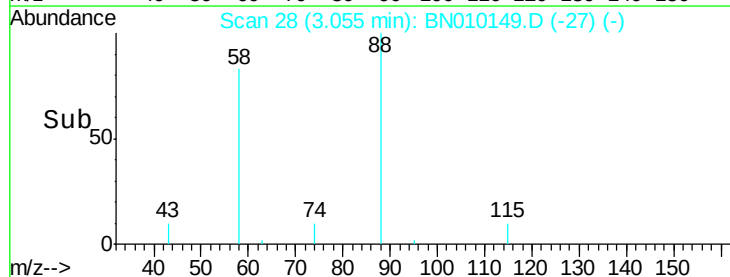
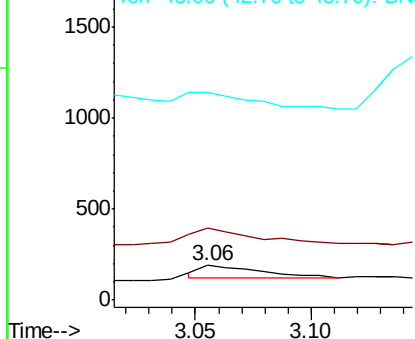
#2

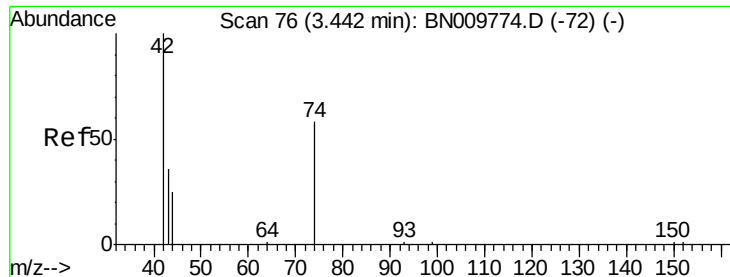
1,4-Dioxane
Concen: 0.133 ng
RT: 3.06 min Scan# 28
Delta R.T. -0.04 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion: 88 Resp: 117
Ion Ratio Lower Upper
88 100
58 109.4 97.8 146.8
43 0.0 45.1 67.7#



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.740 ng

RT: 3.43 min Scan# 74

Delta R.T. -0.02 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WP

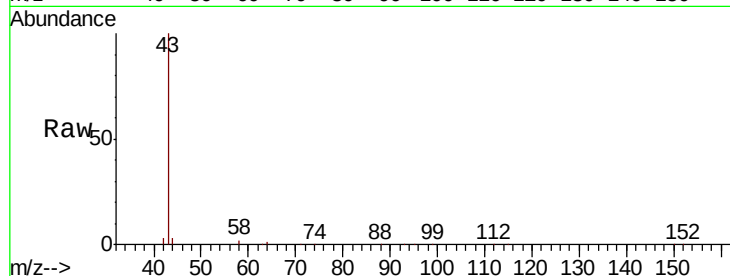
Tot Ion: 42 Resp: 1067

Ion Ratio Lower Upper

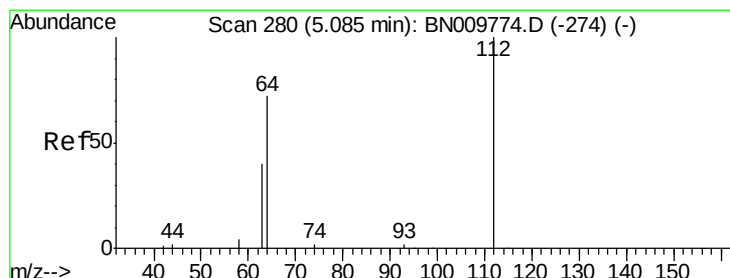
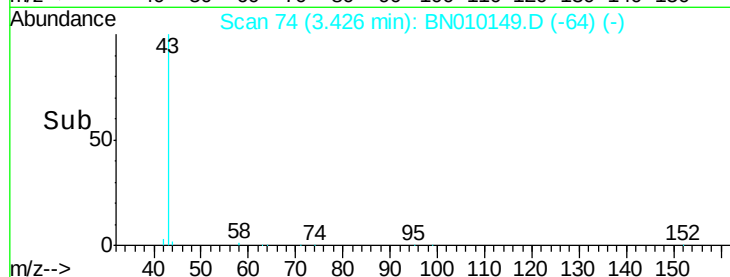
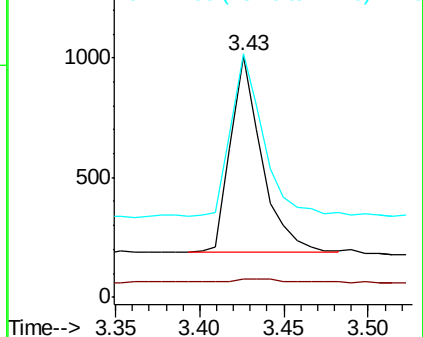
42 100

74 3.5 51.2 76.8#

44 84.3 2.6 4.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.453 ng

RT: 5.04 min Scan# 274

Delta R.T. -0.05 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

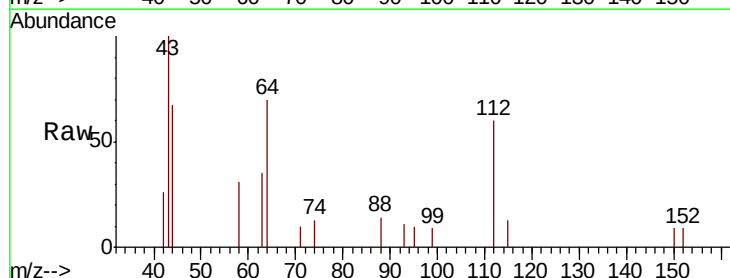
Tgt Ion: 112 Resp: 864

Ion Ratio Lower Upper

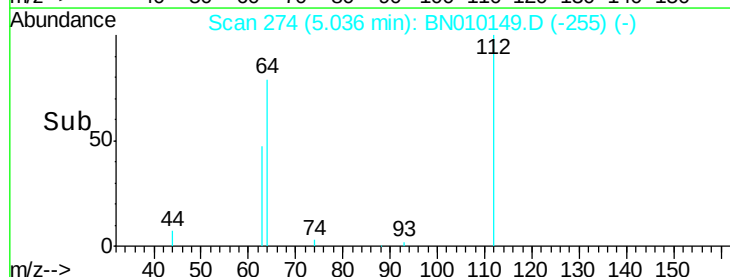
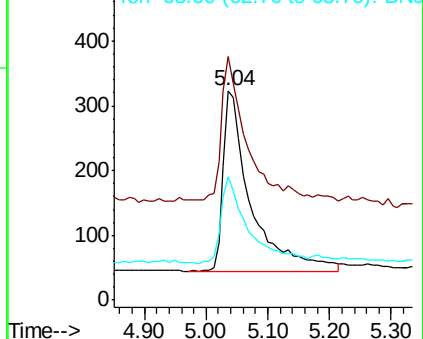
112 100

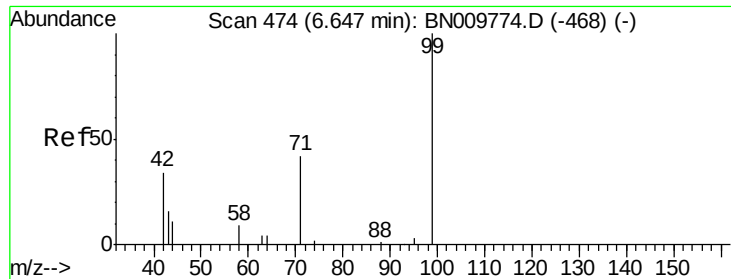
64 72.0 65.8 98.6

63 47.6 38.7 58.1



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: 0.300 ng

RT: 6.67 min Scan# 477

Delta R.T. 0.02 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WP

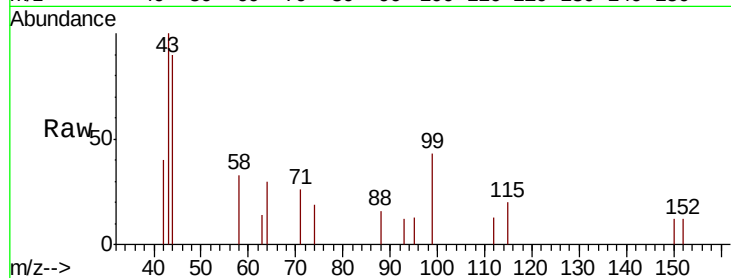
Tot Ion: 99 Resp: 696

Ion Ratio Lower Upper

99 100

42 40.8 30.8 46.2

71 39.1 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): BN010149.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN010149.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN010149.D (-462) (-)

6.67

250

200

150

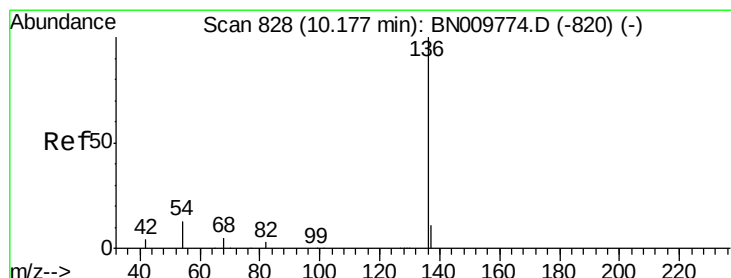
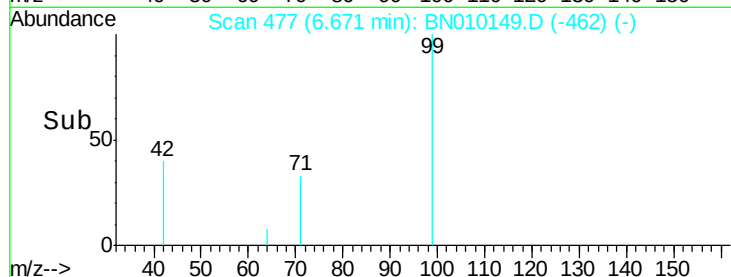
100

50

0

6.60 6.70 6.80

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.11 min Scan# 823

Delta R.T. -0.06 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

Tgt Ion: 136 Resp: 3286

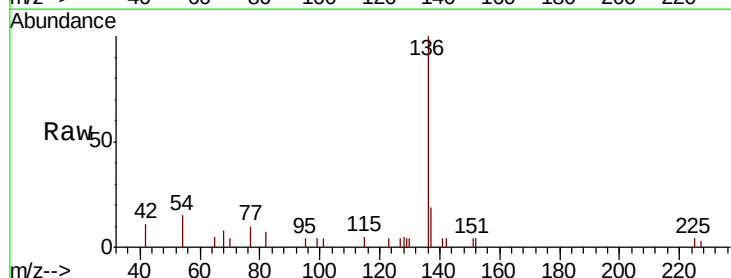
Ion Ratio Lower Upper

136 100

137 19.3 11.3 16.9#

54 14.7 13.4 20.2

68 7.9 7.0 10.4



Abundance Ion 136.00 (135.70 to 136.70): BN010149.D (-812) (-)

Ion 137.00 (136.70 to 137.70): BN010149.D (-812) (-)

Ion 54.00 (53.70 to 54.70): BN010149.D (-812) (-)

Ion 68.00 (67.70 to 68.70): BN010149.D (-812) (-)

2000

1500

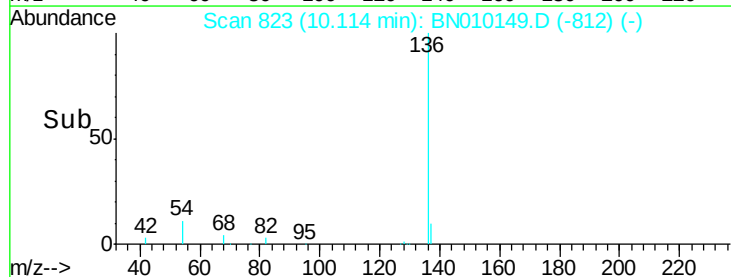
1000

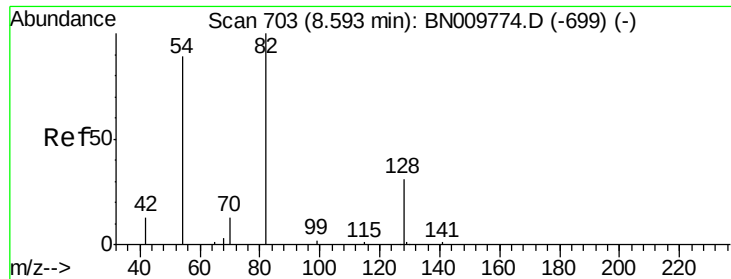
500

0

10.00 10.20

Time-->

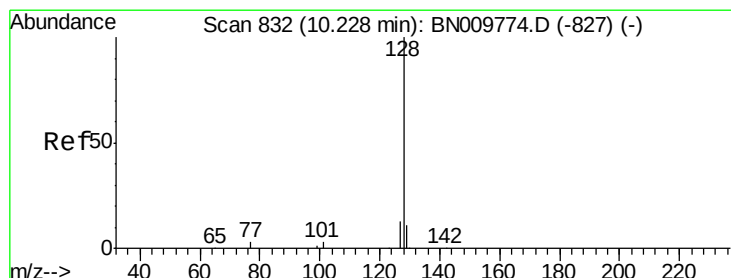
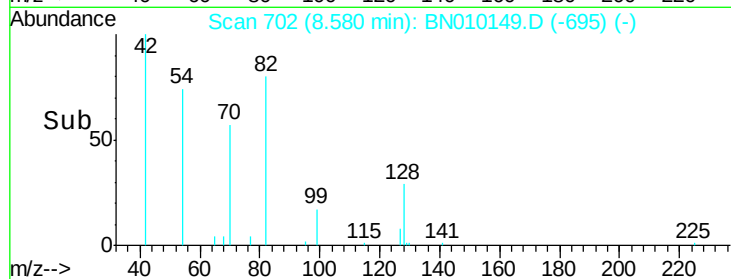
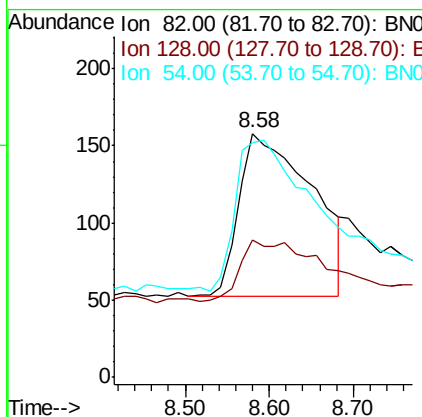
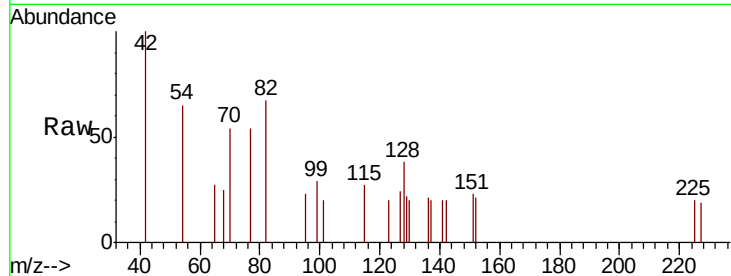




#8
 Nitrobenzene-d5
 Concen: 0.234 ng
 RT: 8.58 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BN010149.D
 Acq: 09 Mar 2020 16:39

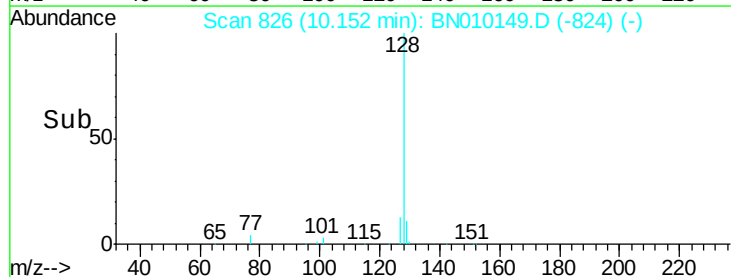
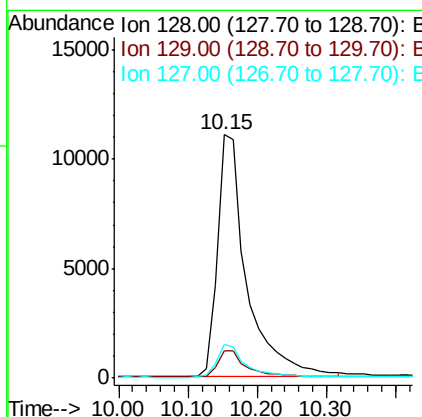
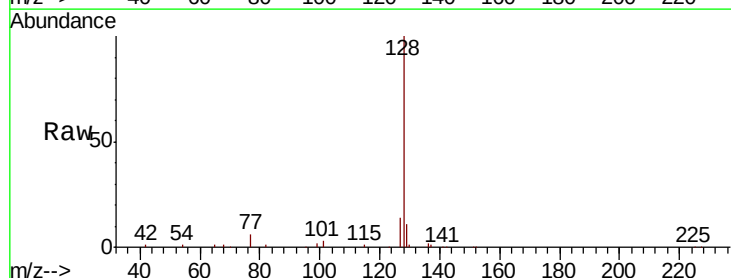
Instrument :
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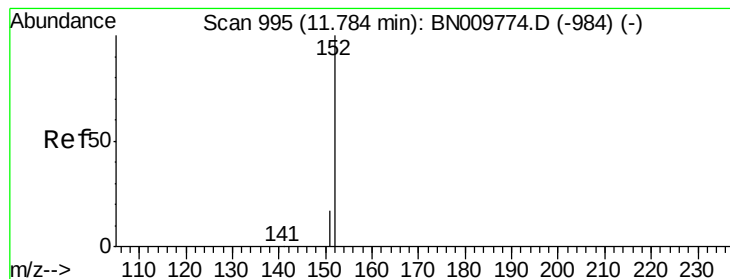
Tot Ion: 82 Resp: 640
 Ion Ratio Lower Upper
 82 100
 128 56.3 32.5 48.7#
 54 96.2 73.5 110.3



#9
 Naphthalene
 Concen: 3.676 ng
 RT: 10.15 min Scan# 826
 Delta R.T. -0.08 min
 Lab File: BN010149.D
 Acq: 09 Mar 2020 16:39

Tgt Ion: 128 Resp: 32943
 Ion Ratio Lower Upper
 128 100
 129 11.2 11.1 16.7
 127 13.8 12.6 19.0





#11

2-Methylnaphthalene-d10

Concen: 0.269 ng

RT: 11.74 min Scan# 986

Delta R.T. -0.04 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

Instrument :

BNA_N

ClientSampleId :

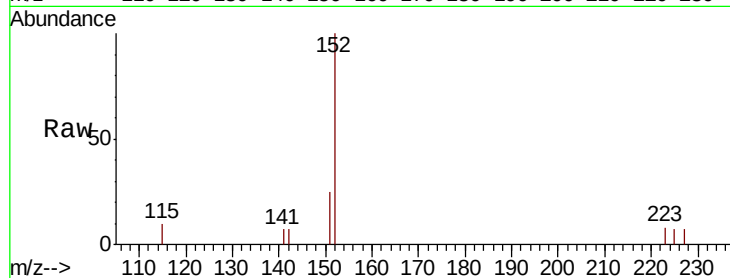
RR-PAH-WP

Tot Ion:152 Resp: 1711

Ion Ratio Lower Upper

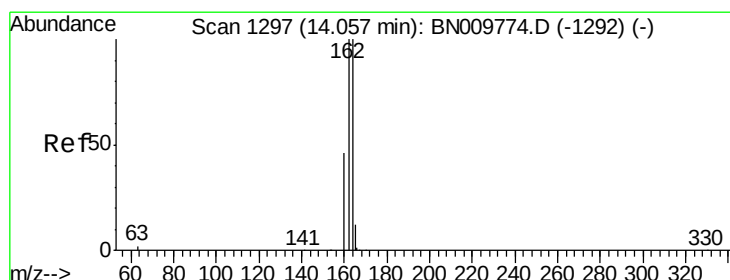
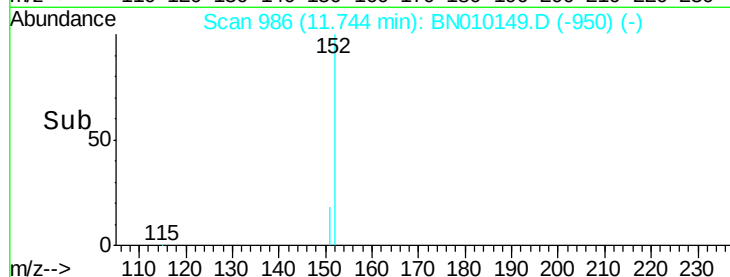
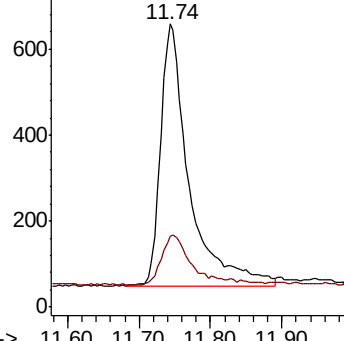
152 100

151 18.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.99 min Scan# 1291

Delta R.T. -0.07 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

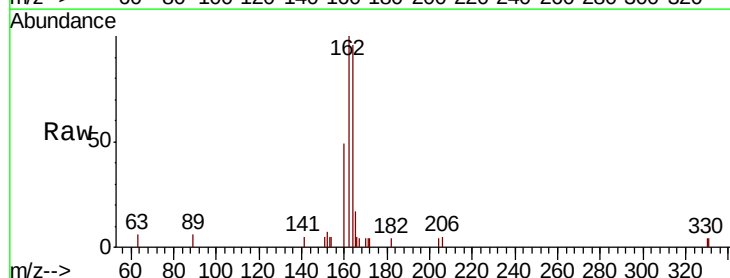
Tgt Ion:164 Resp: 1694

Ion Ratio Lower Upper

164 100

162 104.3 79.9 119.9

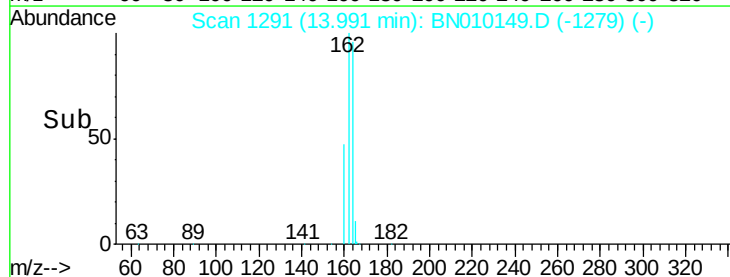
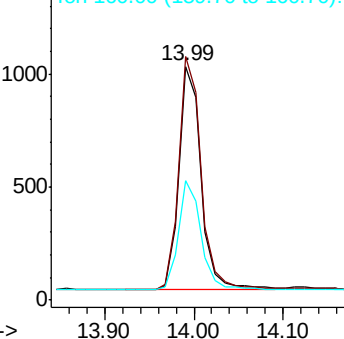
160 51.2 38.2 57.2

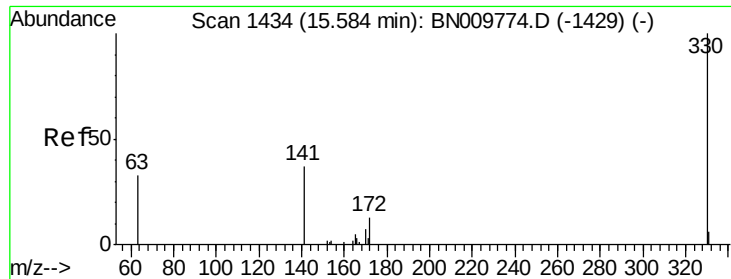


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

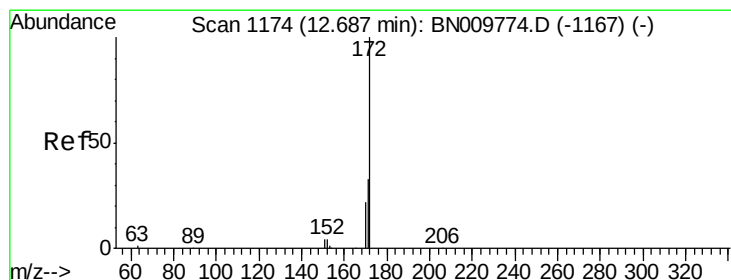
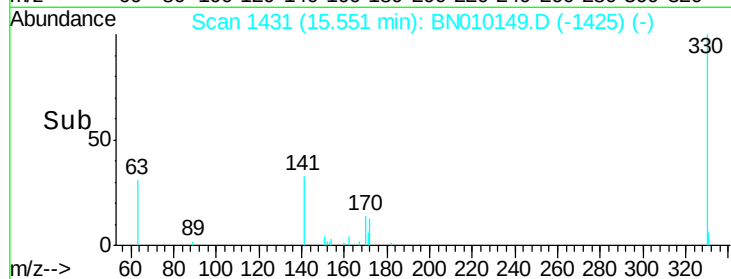
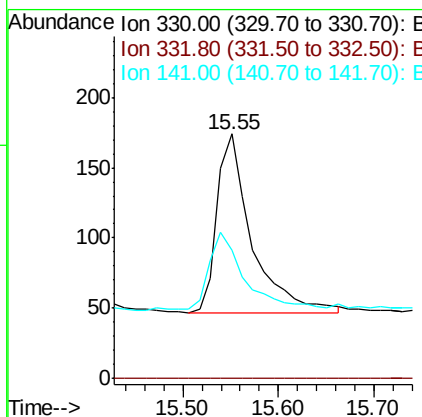
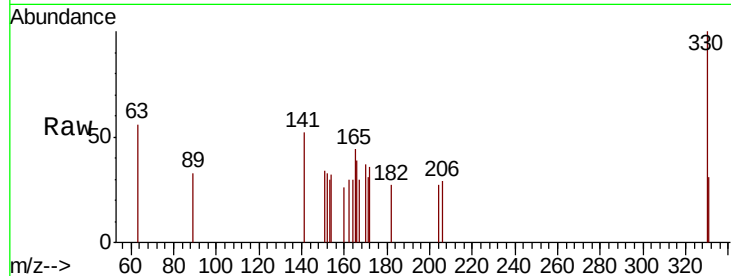




#14
 2,4,6-Tribromophenol
 Concen: 0.504 ng
 RT: 15.55 min Scan# 1431
 Delta R.T. -0.03 min
 Lab File: BN010149.D
 Acq: 09 Mar 2020 16:39

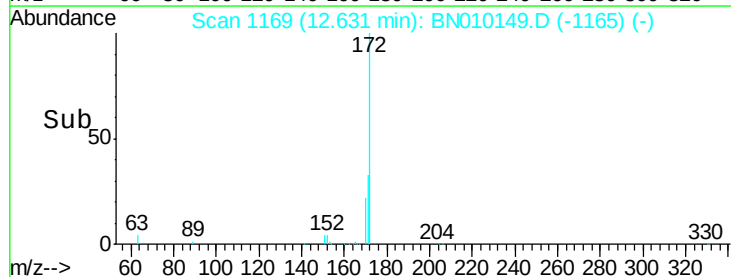
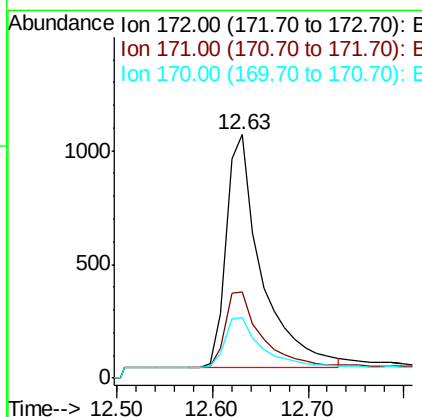
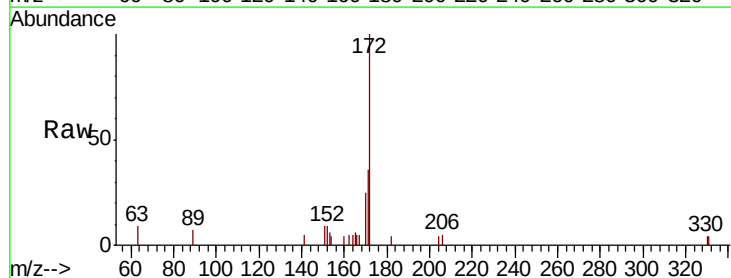
Instrument :
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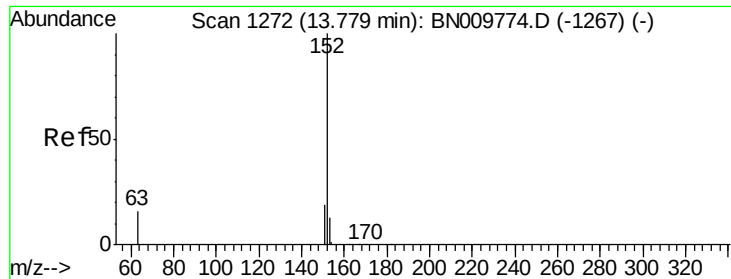
Tot Ion:330 Resp: 329
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 43.8 36.8 55.2



#15
 2-Fluorobiphenyl
 Concen: 0.412 ng
 RT: 12.63 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BN010149.D
 Acq: 09 Mar 2020 16:39

Tgt Ion:172 Resp: 2633
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.7 43.1
 170 25.1 20.1 30.1





#16

Acenaphthylene

Concen: 2.636 ng

RT: 13.71 min Scan# 1266

Delta R.T. -0.07 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WP

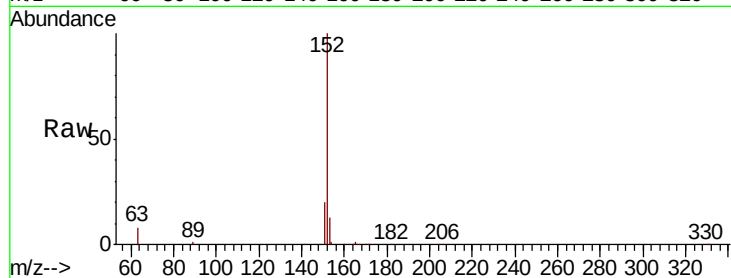
Tot Ion:152 Resp: 19033

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

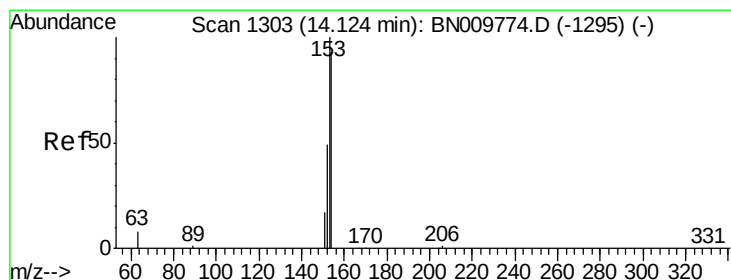
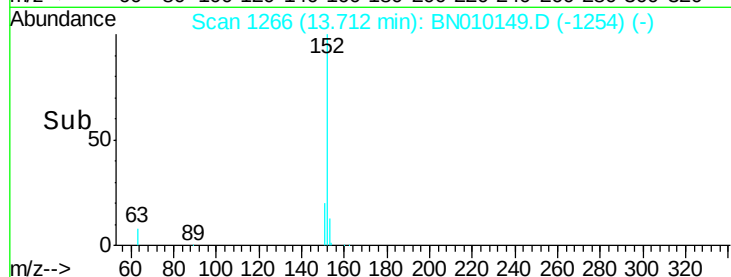
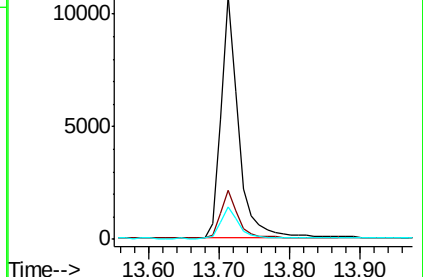
153 13.2 10.2 15.4



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: 14.927 ng

RT: 14.06 min Scan# 1297

Delta R.T. -0.07 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

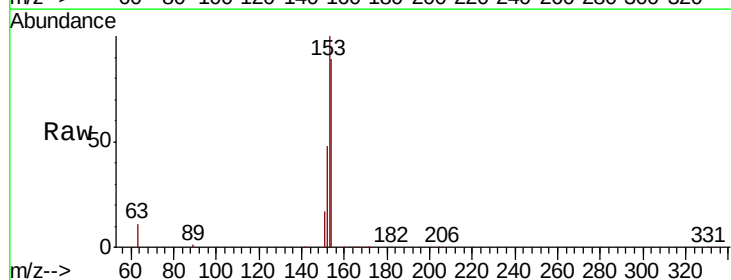
Tgt Ion:154 Resp: 75803

Ion Ratio Lower Upper

154 100

153 111.9 88.9 133.3

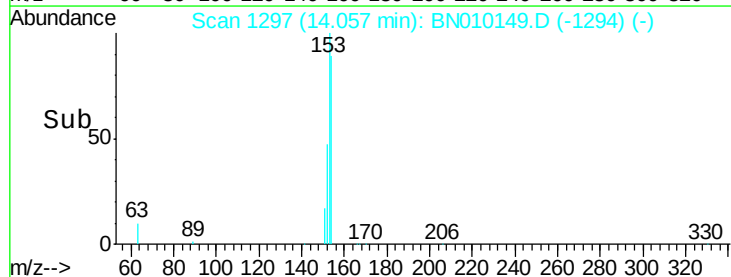
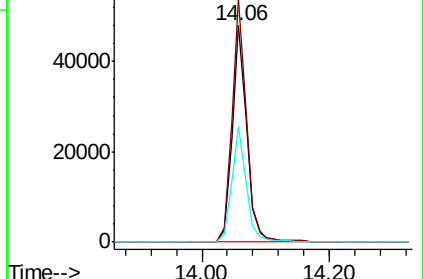
152 53.5 44.2 66.2

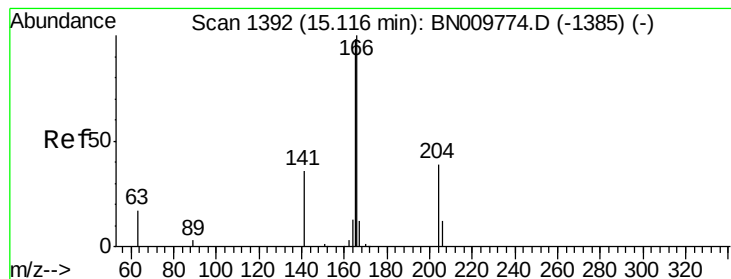


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 6.849 ng

RT: 15.07 min Scan# 1388

Delta R.T. -0.04 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WP

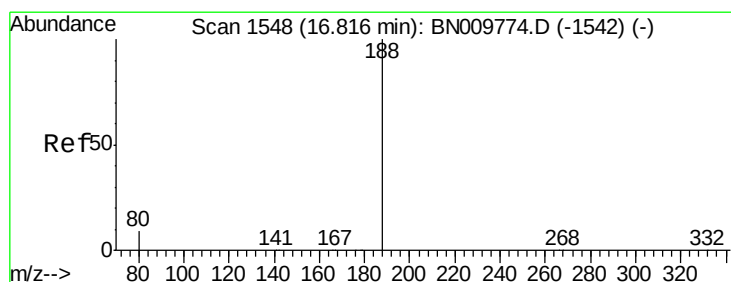
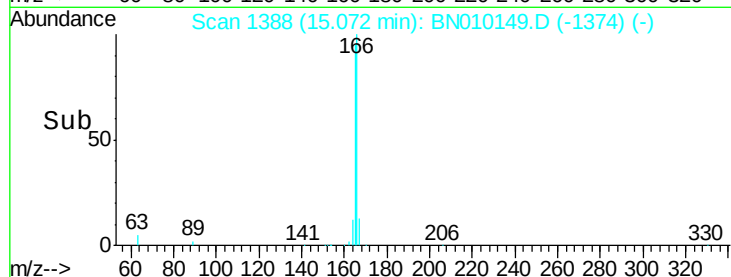
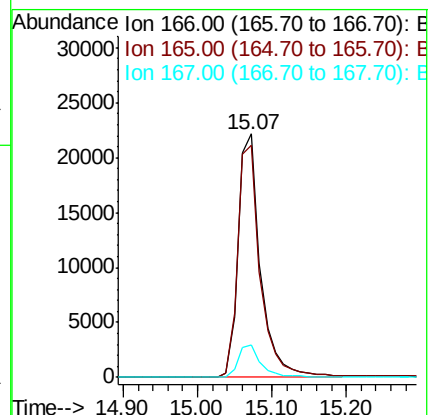
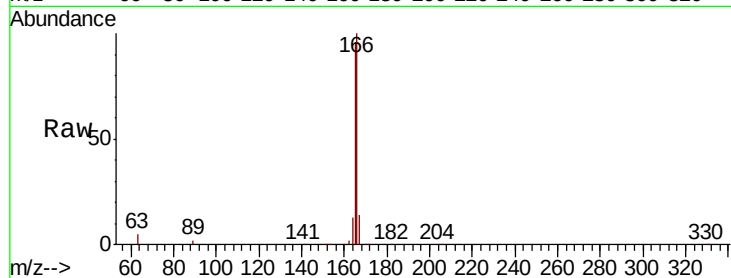
Tot Ion:166 Resp: 45895

Ion Ratio Lower Upper

166 100

165 97.0 77.2 115.8

167 13.3 10.5 15.7



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1543

Delta R.T. -0.05 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

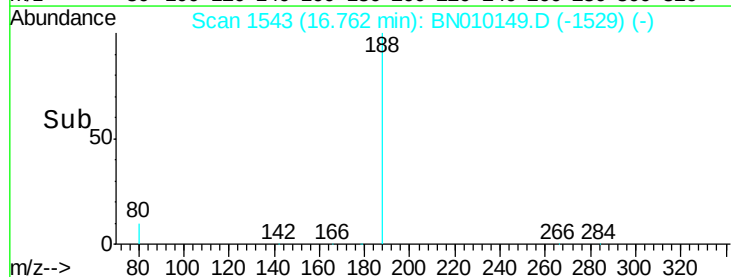
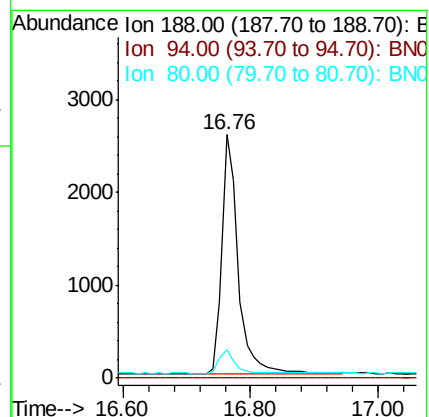
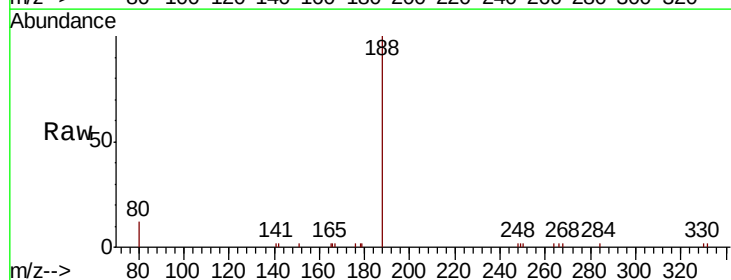
Tgt Ion:188 Resp: 4596

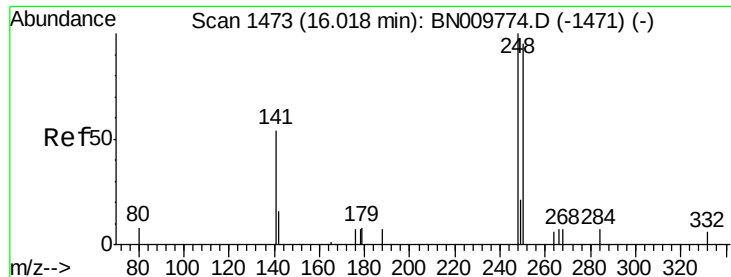
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 8.3 12.5

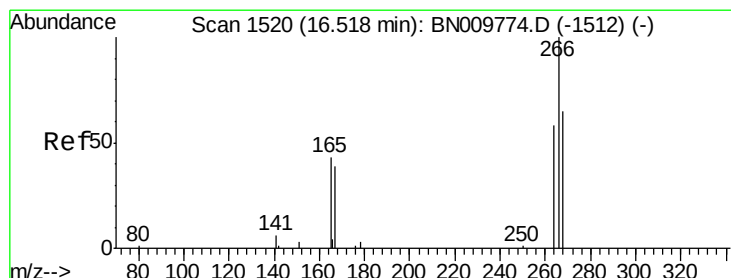
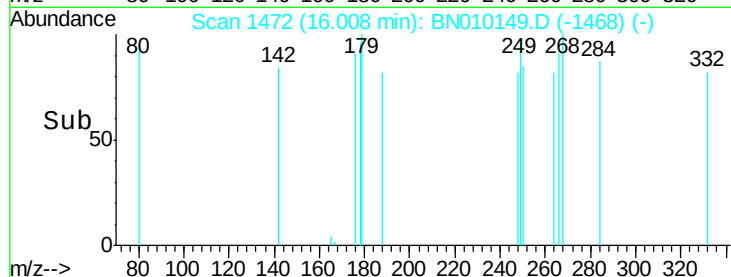
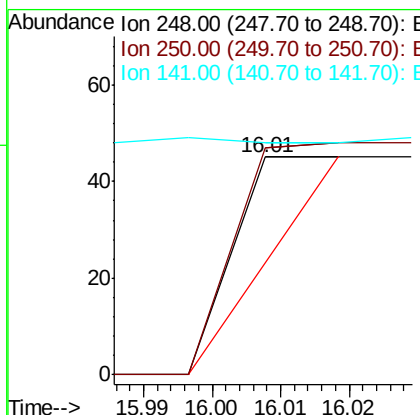
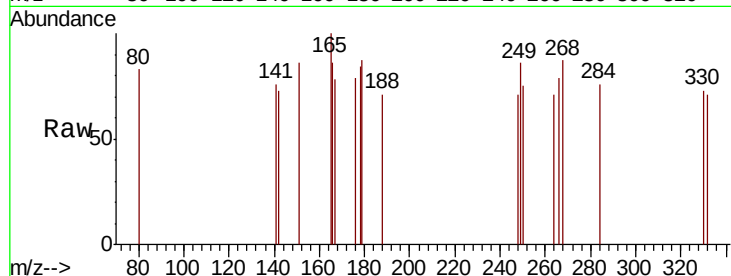




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

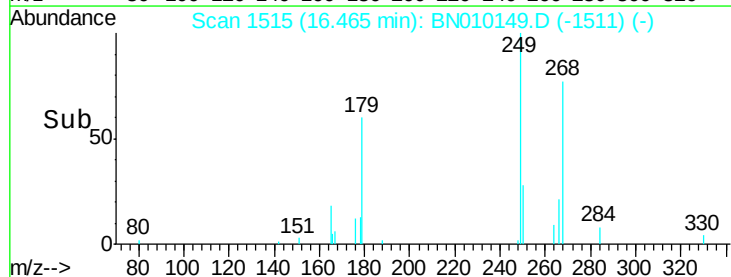
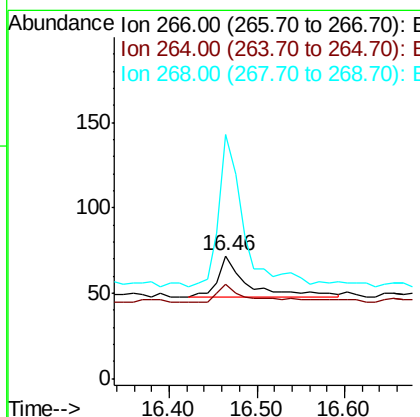
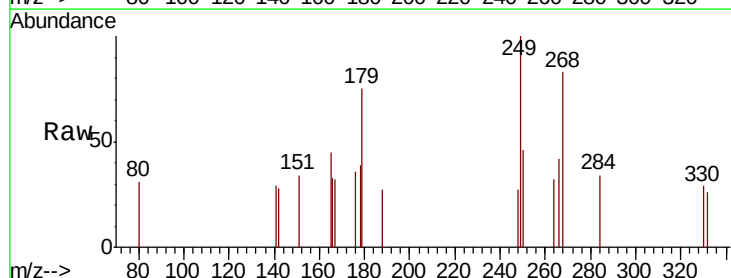
Instrument :
BNA_N
ClientSampleId :
RR-PAH-WP

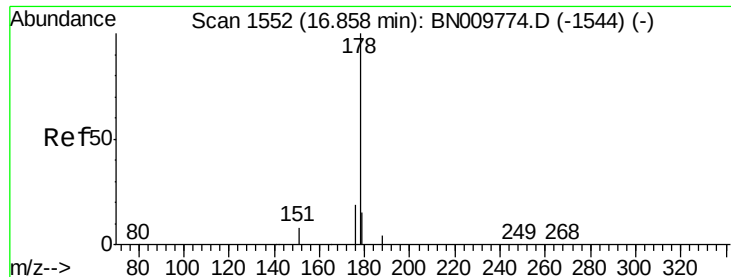
Tot Ion:248 Resp: 29
Ion Ratio Lower Upper
248 100
250 104.4 76.2 114.4
141 106.7 57.8 86.6#



#22
Pentachlorophenol
Concen: 0.236 ng
RT: 16.46 min Scan# 1515
Delta R.T. -0.05 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
264 76.4 58.1 87.1
268 198.6 65.7 98.5#





#23

Phenanthrene

Concen: 2.410 ng

RT: 16.80 min Scan# 1547

Delta R.T. -0.05 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WP

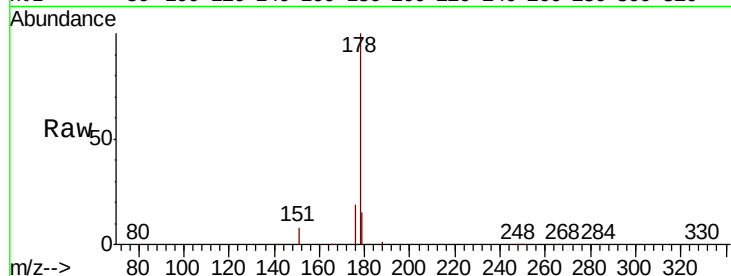
Tot Ion:178 Resp: 32963

Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

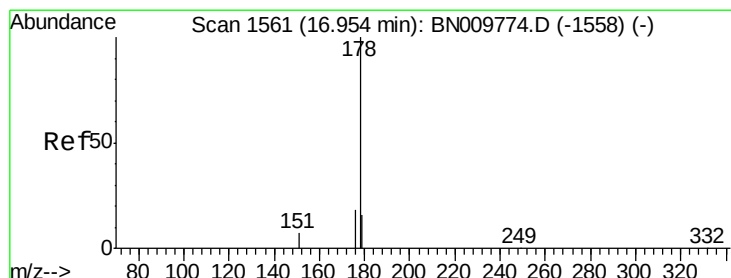
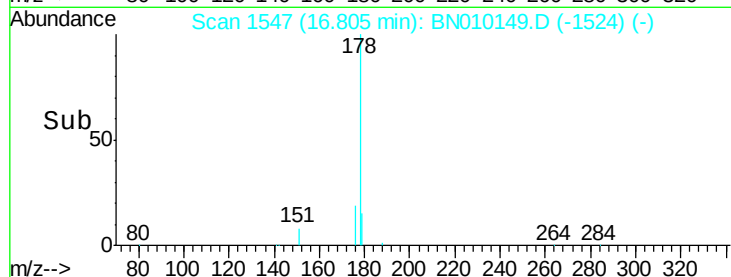
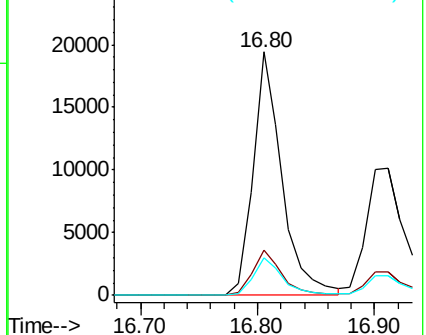
179 15.3 12.4 18.6



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: 2.069 ng

RT: 16.91 min Scan# 1557

Delta R.T. -0.04 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

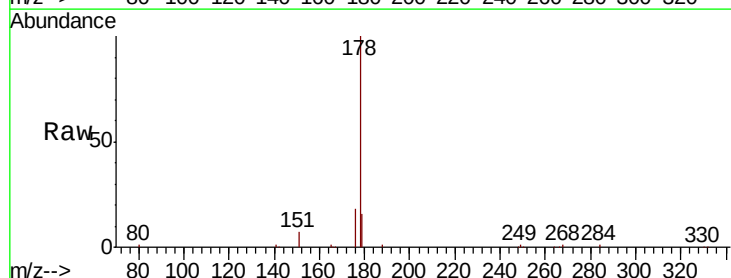
Tgt Ion:178 Resp: 23927

Ion Ratio Lower Upper

178 100

176 17.9 14.3 21.5

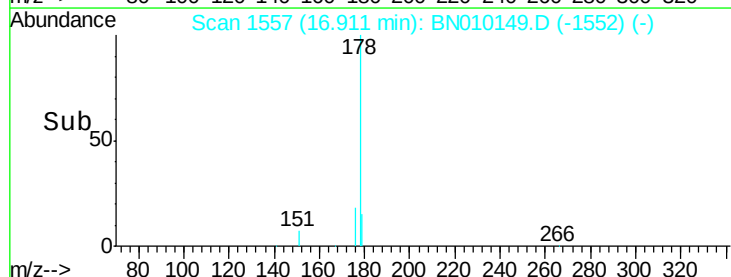
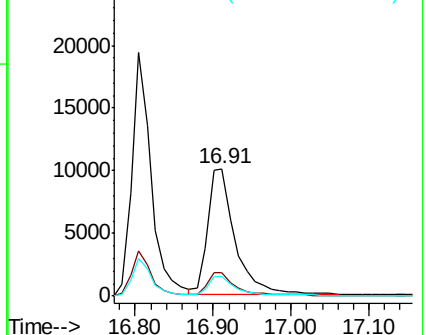
179 15.3 12.4 18.6

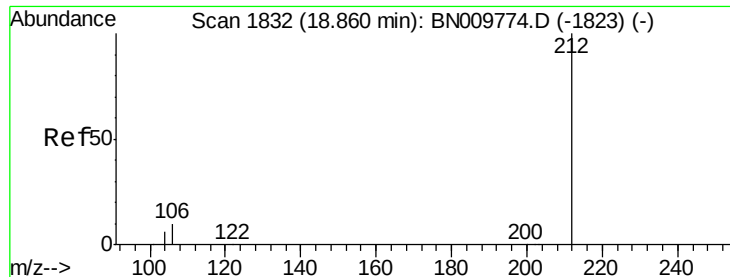


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.249 ng

RT: 18.81 min Scan# 1822

Delta R.T. -0.05 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WP

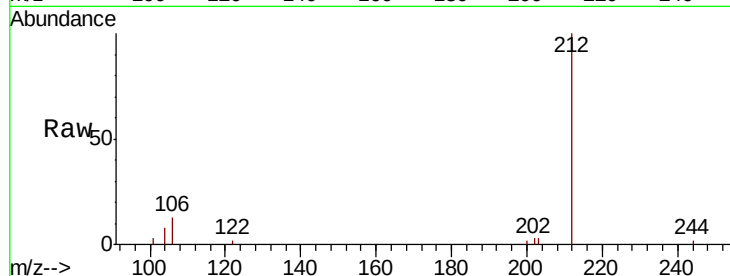
Tot Ion:212 Resp: 3954

Ion Ratio Lower Upper

212 100

106 10.3 8.4 12.6

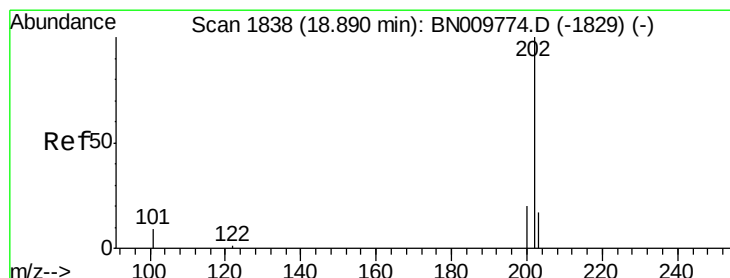
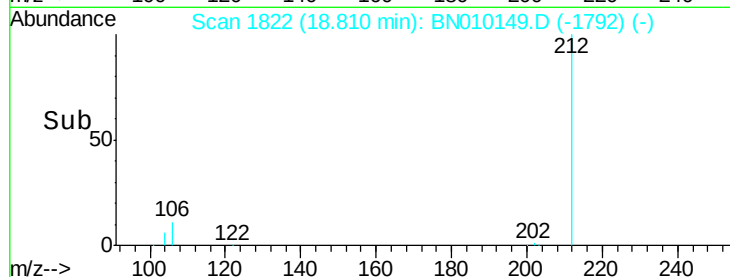
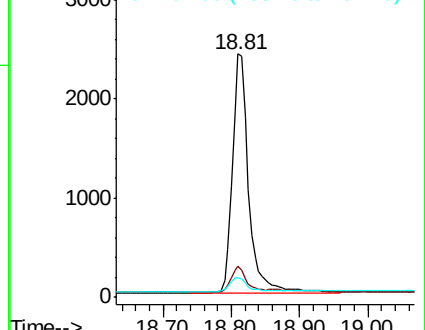
104 6.2 4.8 7.2



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: 1.480 ng

RT: 18.84 min Scan# 1828

Delta R.T. -0.05 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

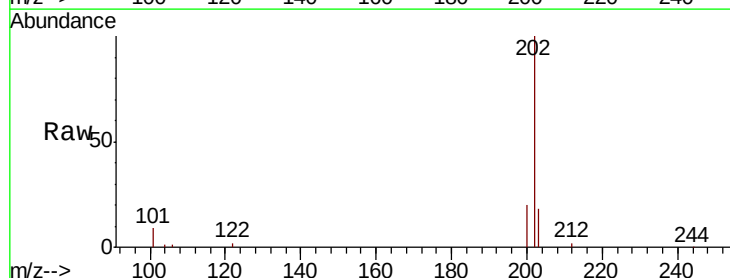
Tgt Ion:202 Resp: 24246

Ion Ratio Lower Upper

202 100

101 10.0 7.1 10.7

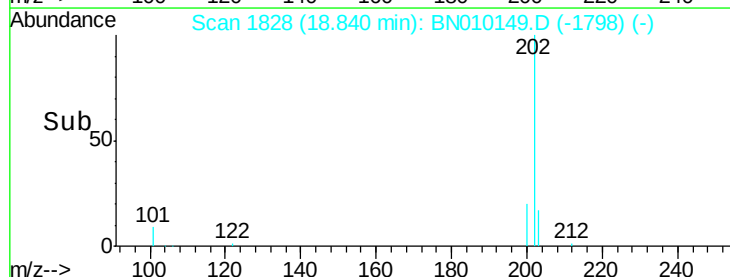
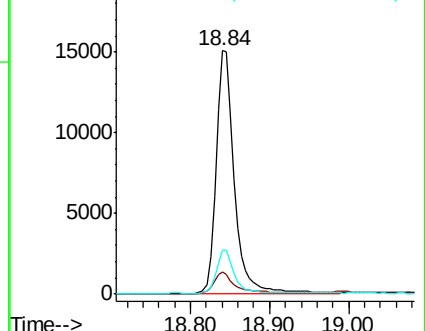
203 17.5 13.8 20.6

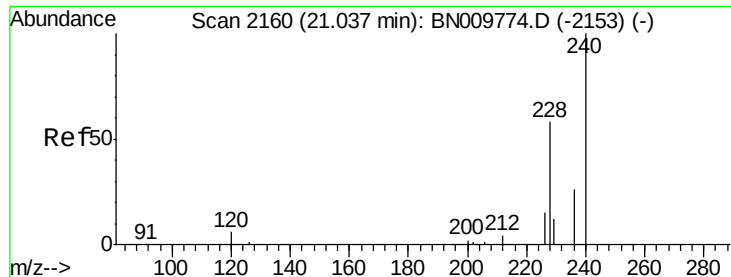


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.99 min Scan# 2156

Delta R.T. -0.04 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WP

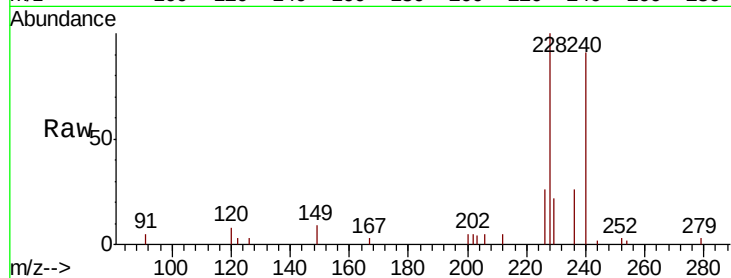
Tot Ion:240 Resp: 3877

Ion Ratio Lower Upper

240 100

120 8.4 7.9 11.9

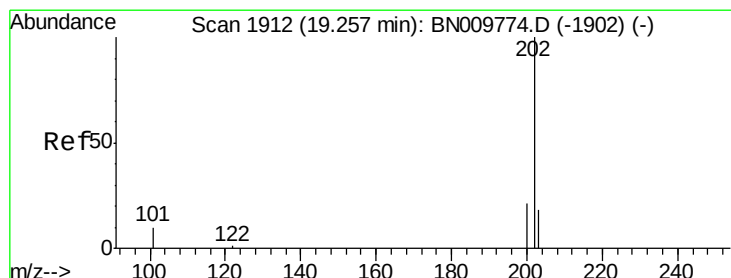
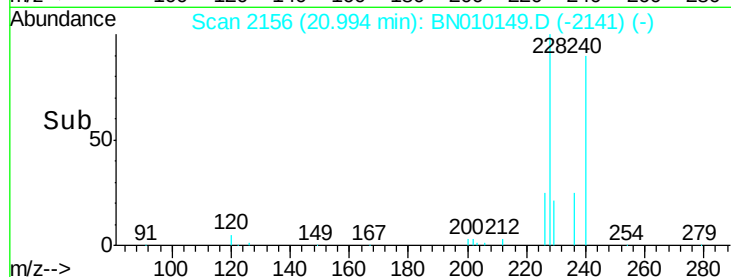
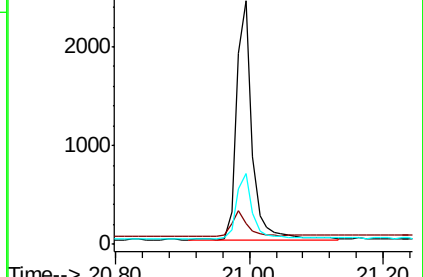
236 29.2 22.0 33.0



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: 1.958 ng

RT: 19.21 min Scan# 1902

Delta R.T. -0.05 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

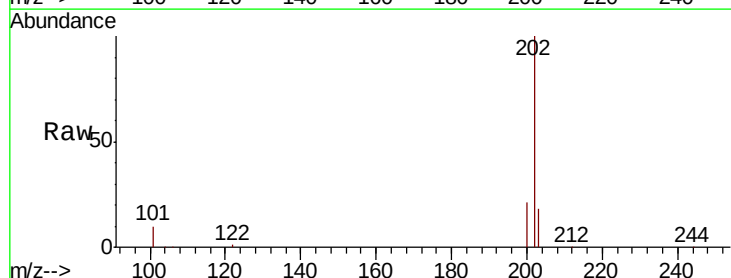
Tgt Ion:202 Resp: 28824

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

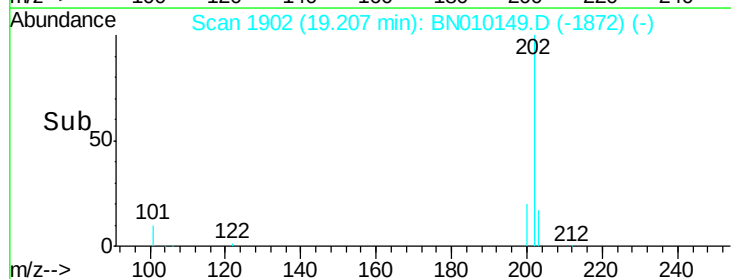
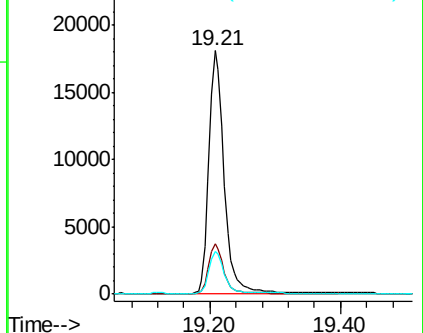
203 17.3 13.9 20.9

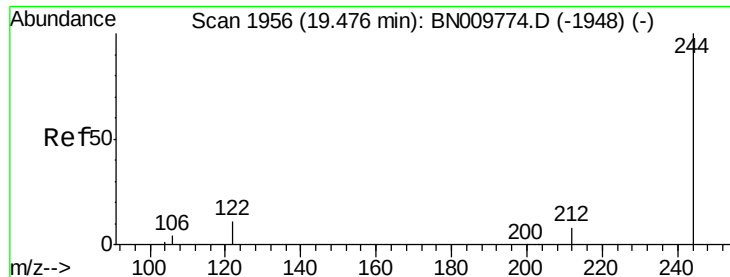


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.419 ng

RT: 19.43 min Scan# 1947

Delta R.T. -0.04 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WP

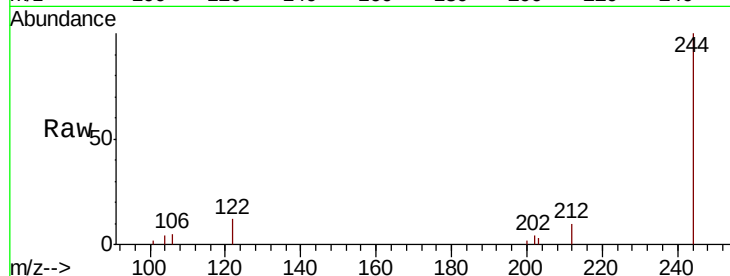
Tot Ion:244 Resp: 3878

Ion Ratio Lower Upper

244 100

212 10.0 8.0 12.0

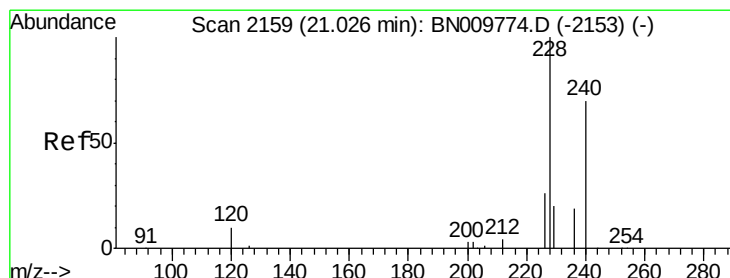
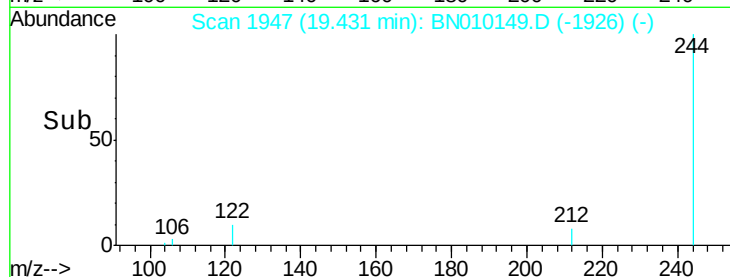
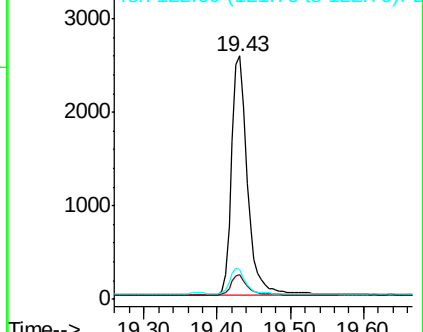
122 12.0 10.0 15.0



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: 1.465 ng

RT: 20.97 min Scan# 2154

Delta R.T. -0.05 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

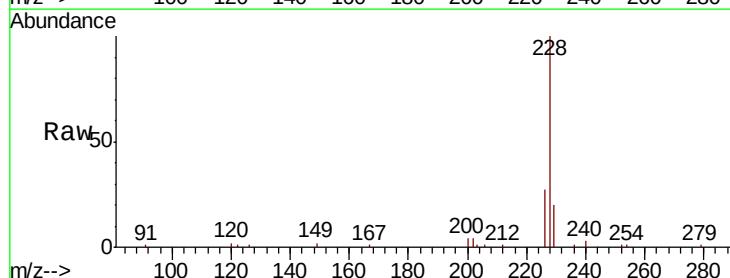
Tgt Ion:228 Resp: 18847

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

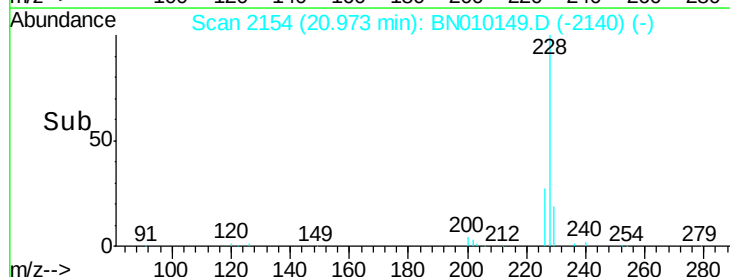
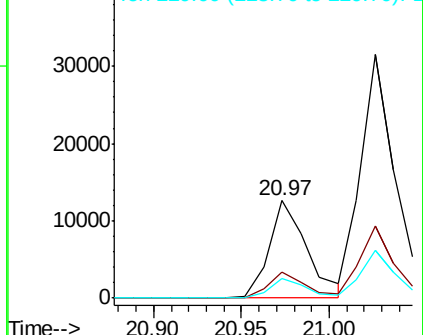
229 19.8 17.1 25.7

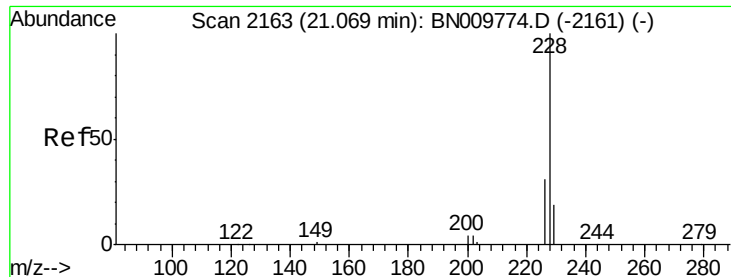


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.940 ng

RT: 21.03 min Scan# 2159

Delta R.T. -0.04 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WP

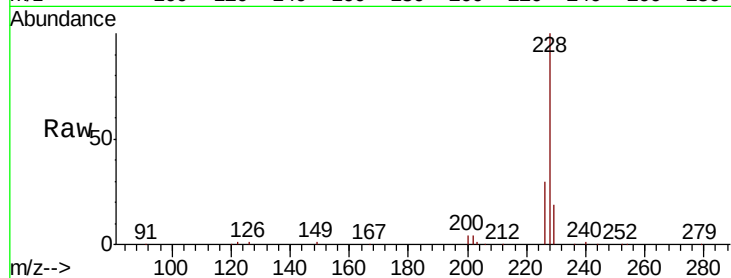
Tot Ion:228 Resp: 43762

Ion Ratio Lower Upper

228 100

226 29.6 24.8 37.2

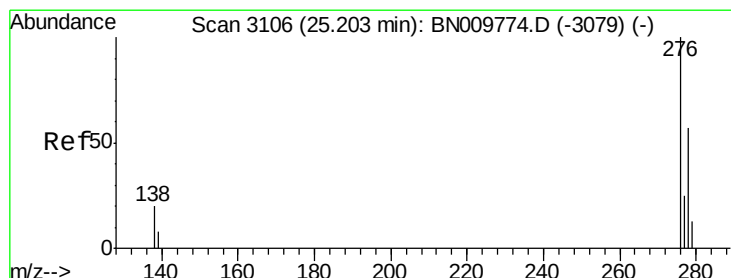
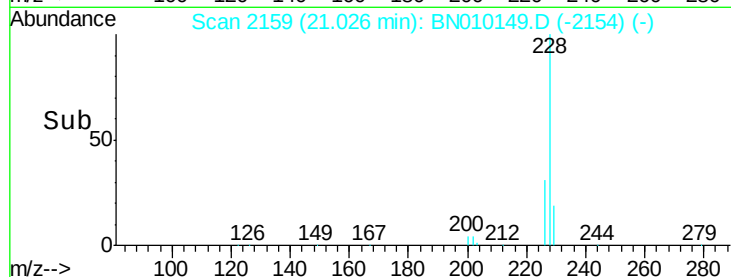
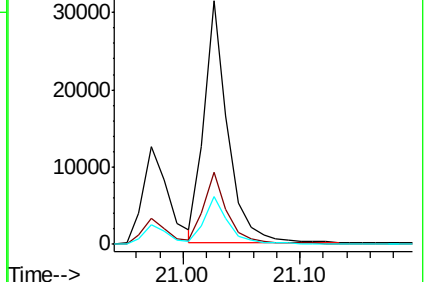
229 19.5 16.4 24.6



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 1.116 ng

RT: 25.12 min Scan# 3082

Delta R.T. -0.08 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

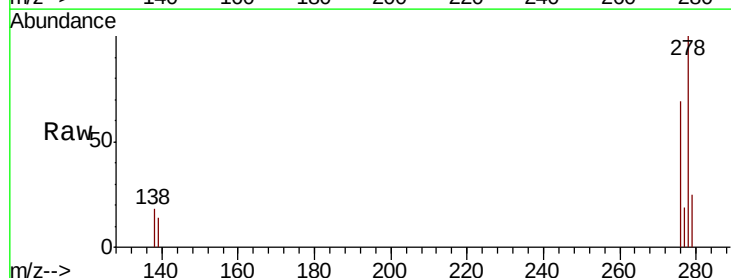
Tgt Ion:276 Resp: 17306

Ion Ratio Lower Upper

276 100

138 24.6 15.8 23.6#

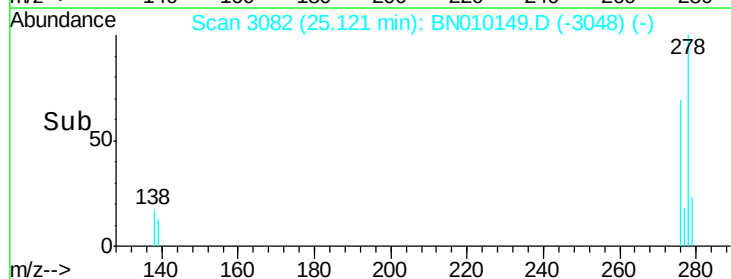
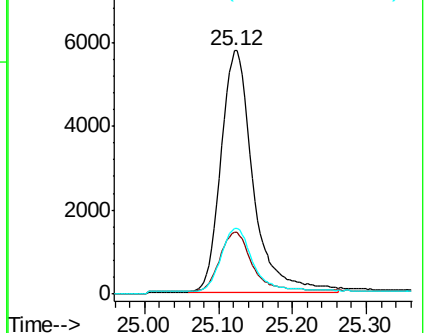
277 26.3 19.3 28.9

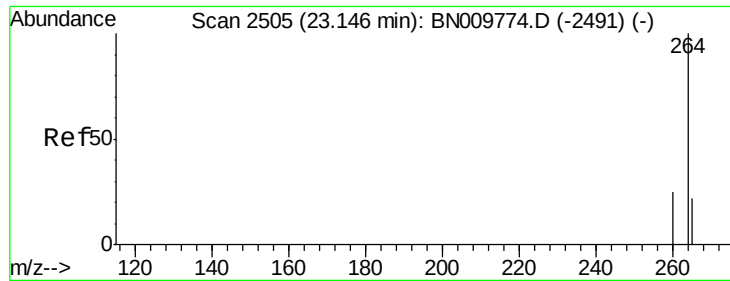


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

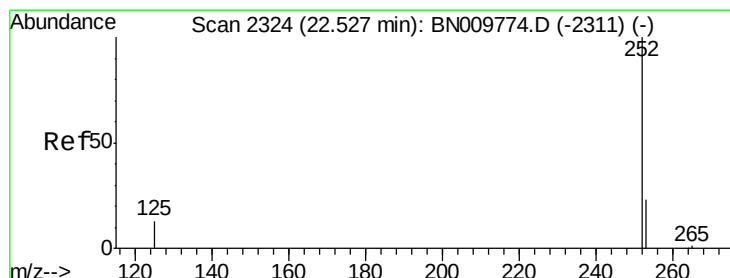
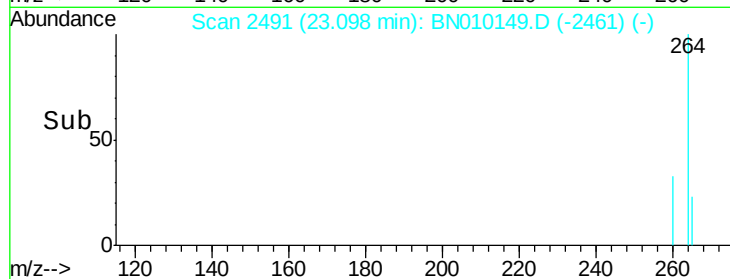
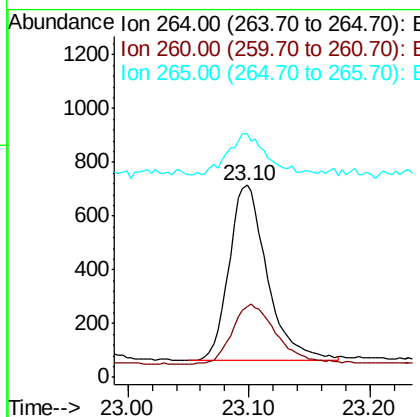
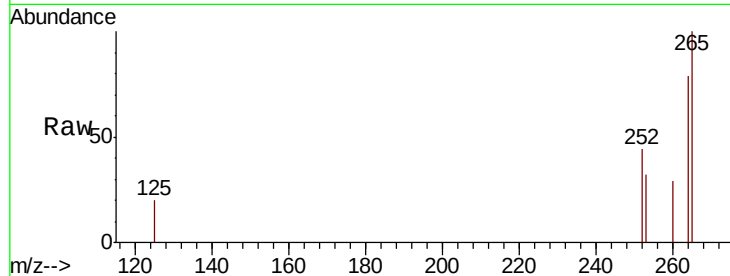




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2491
Delta R.T. -0.05 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

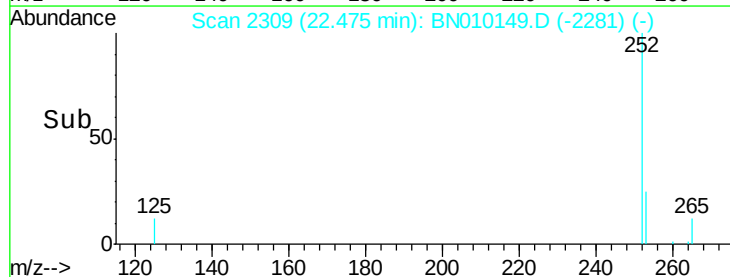
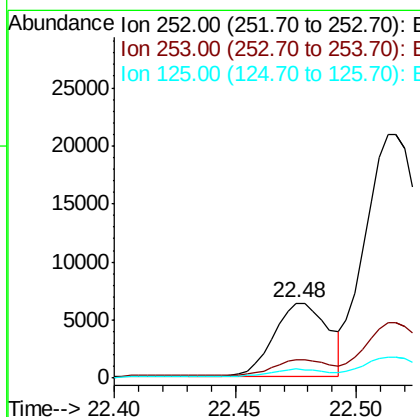
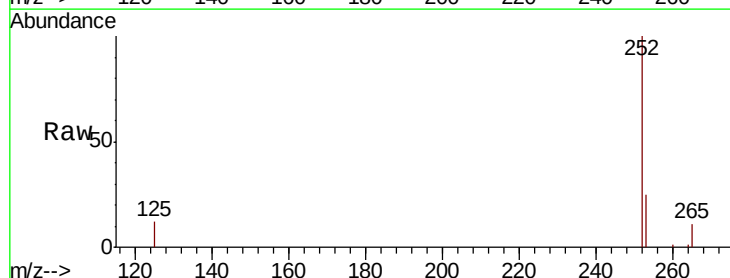
Instrument :
BNA_N
ClientSampleId :
RR-PAH-WP

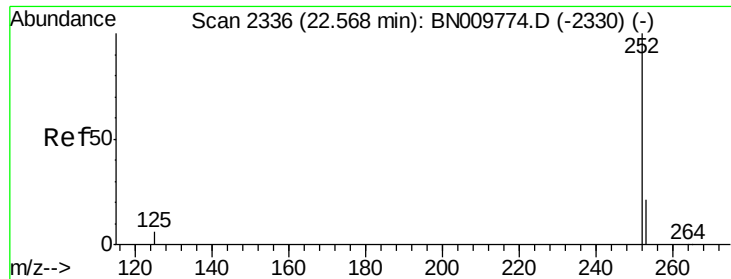
Tot Ion:264 Resp: 1433
Ion Ratio Lower Upper
264 100
260 36.6 21.1 31.7#
265 126.7 57.5 86.3#



#35
Benzo(b)fluoranthene
Concen: 1.887 ng
RT: 22.48 min Scan# 2309
Delta R.T. -0.05 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:252 Resp: 9886
Ion Ratio Lower Upper
252 100
253 24.8 23.0 34.6
125 12.0 14.4 21.6#

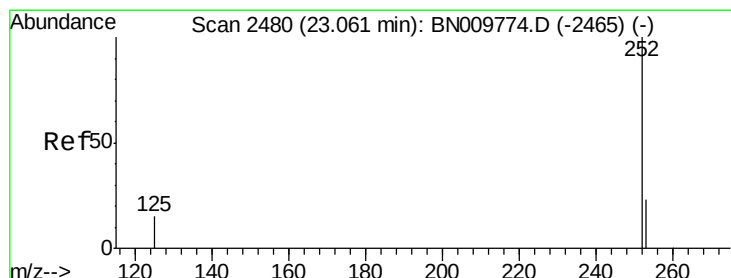
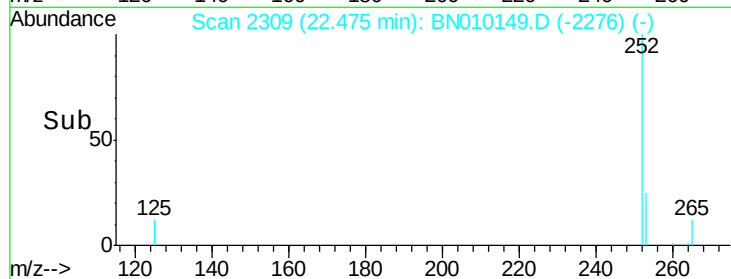
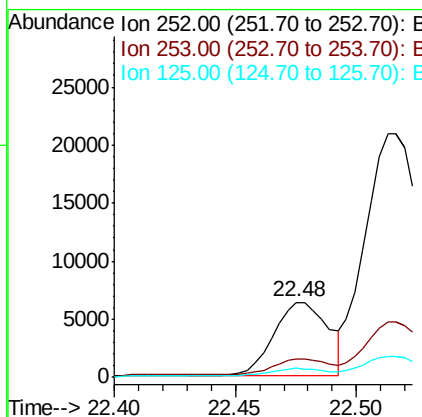
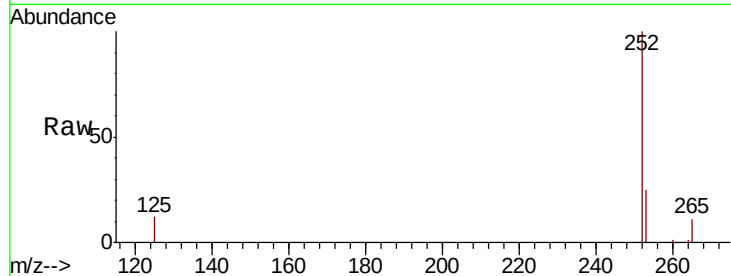




#36
Benzo(k)fluoranthene
Concen: 1.733 ng
RT: 22.48 min Scan# 2309
Delta R.T. -0.09 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

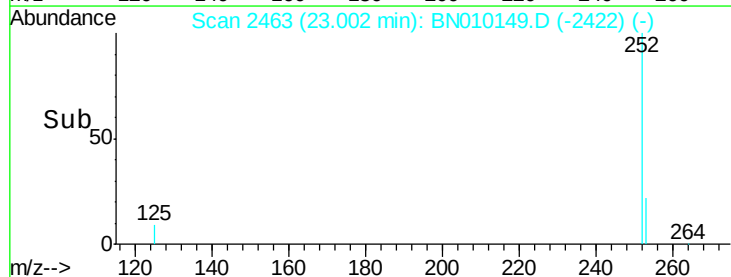
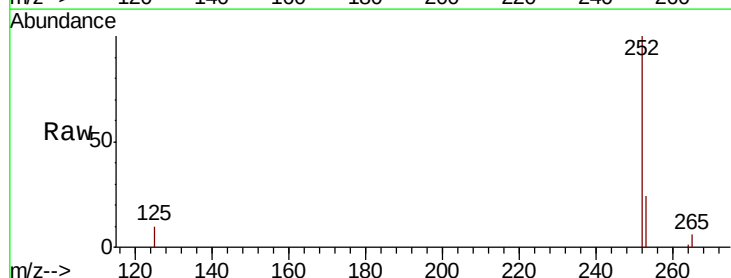
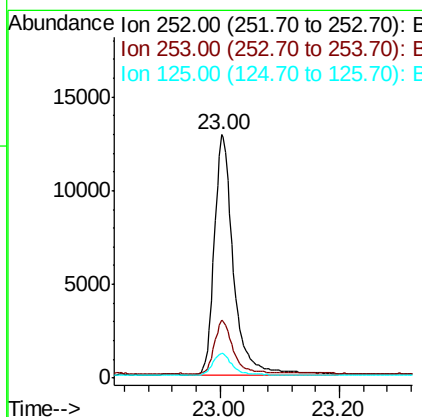
Instrument :
BNA_N
ClientSampled :
RR-PAH-WP

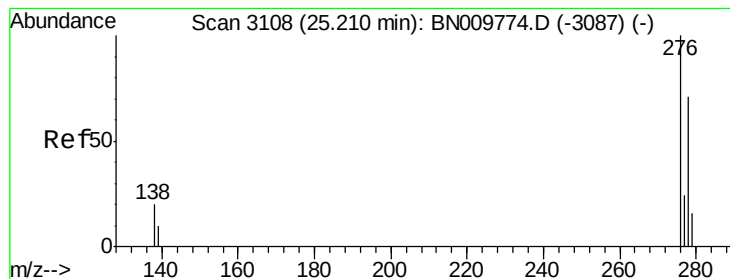
Tot Ion:252 Resp: 9886
Ion Ratio Lower Upper
252 100
253 24.8 22.2 33.2
125 12.0 10.5 15.7



#37
Benzo(a)pyrene
Concen: 5.967 ng
RT: 23.00 min Scan# 2463
Delta R.T. -0.06 min
Lab File: BN010149.D
Acq: 09 Mar 2020 16:39

Tgt Ion:252 Resp: 28523
Ion Ratio Lower Upper
252 100
253 23.6 25.3 37.9#
125 10.4 17.7 26.5#





#38

Dibenzo(a,h)anthracene

Concen: 5.732 ng

RT: 25.12 min Scan# 3082

Delta R.T. -0.09 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

Instrument :

BNA_N

ClientSampleId :

RR-PAH-WP

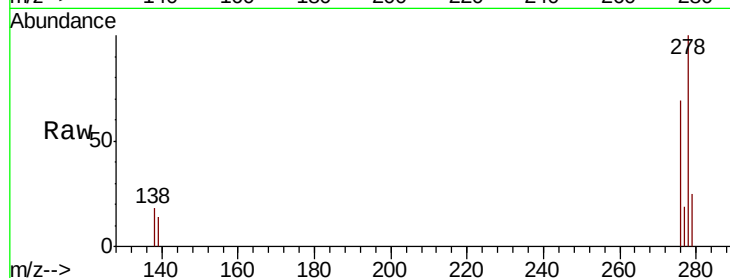
Tot Ion:278 Resp: 26981

Ion Ratio Lower Upper

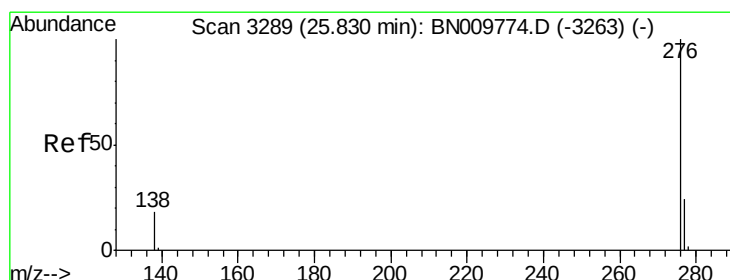
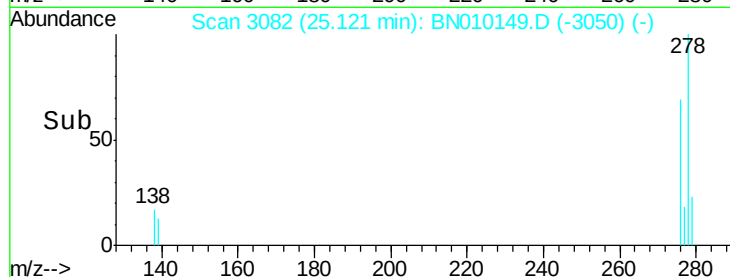
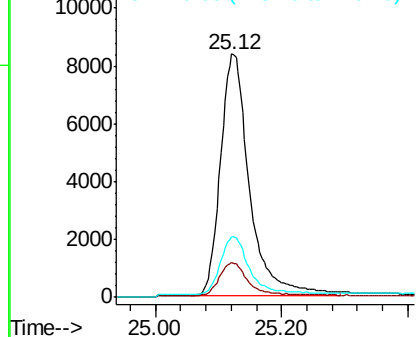
278 100

139 14.3 14.5 21.7#

279 24.6 24.3 36.5



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 6.688 ng

RT: 25.73 min Scan# 3261

Delta R.T. -0.10 min

Lab File: BN010149.D

Acq: 09 Mar 2020 16:39

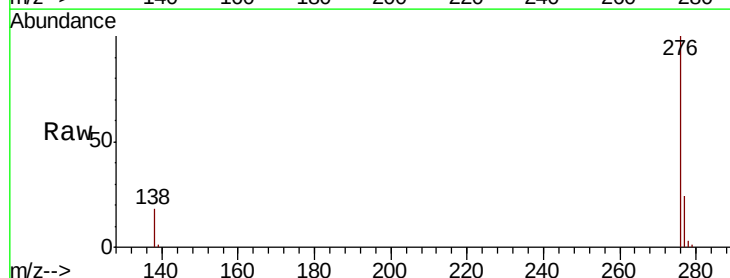
Tgt Ion:276 Resp: 33533

Ion Ratio Lower Upper

276 100

277 24.2 21.4 32.0

138 18.2 16.6 24.8



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

