

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
 Data File : BN010828.D
 Acq On : 10 Jun 2020 21:39
 Operator : CG/JU
 Sample : L2904-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VE-4-11

Quant Time: Jun 11 00:45:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 15:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3144	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	11147	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	7372	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	15004	0.40	ng	-0.01
27) Chrysene-d12	21.13	240	14930	0.40	ng	0.00
34) Perylene-d12	23.28	264	15919	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	990	0.16	ng	0.00
5) Phenol-d6	6.75	99	671	0.09	ng	0.00
8) Nitrobenzene-d5	8.69	82	3104	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	5476	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	1110	0.42	ng	-0.01
15) 2-Fluorobiphenyl	12.80	172	9077	0.31	ng	0.00
25) Fluoranthene-d10	18.96	212	15311	0.37	ng	0.00
29) Terphenyl-d14	19.58	244	12883	0.37	ng	0.00

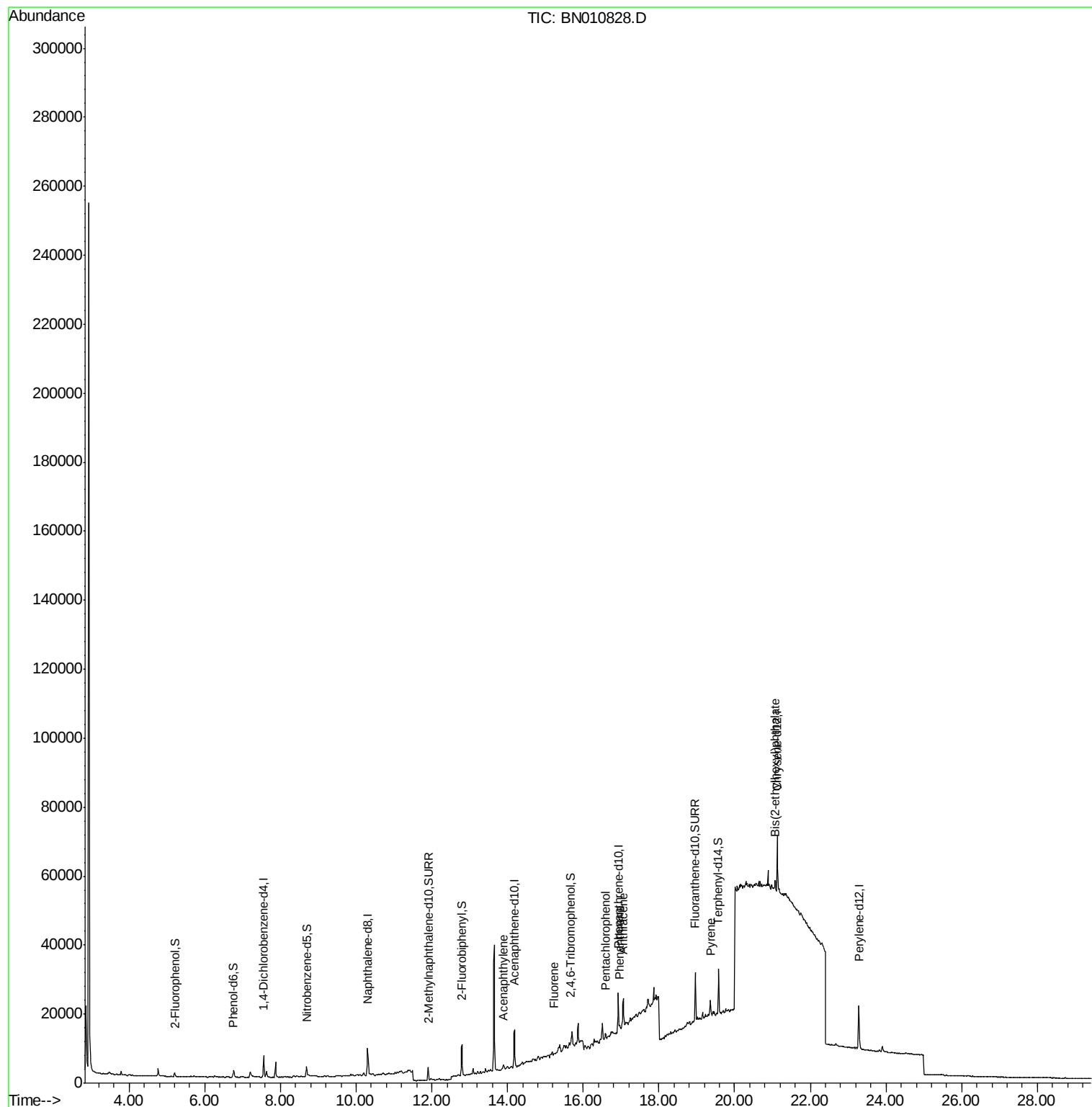
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acenaphthylene	13.89	152	1099	0.036	ng	# 1
18) Fluorene	15.23	166	554	0.021	ng	# 9
22) Pentachlorophenol	16.59	266	72	0.023	ng	# 65
23) Phenanthrene	16.96	178	1823	0.044	ng	# 18
24) Anthracene	17.06	178	9121	0.267	ng	# 86
28) Pyrene	19.36	202	4219	0.085	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.08	149	2143	0.146	ng	98

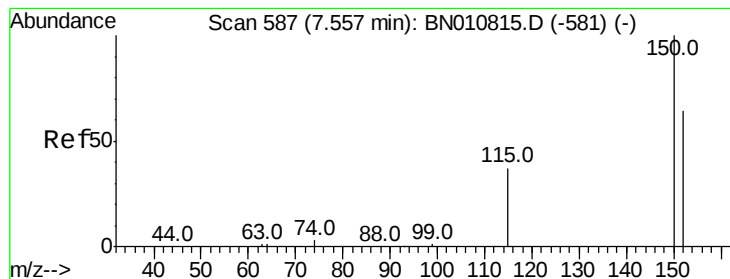
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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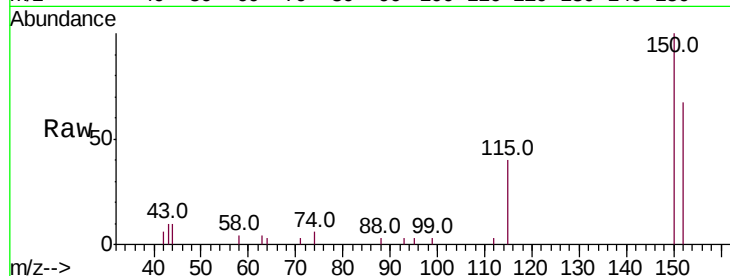


#1

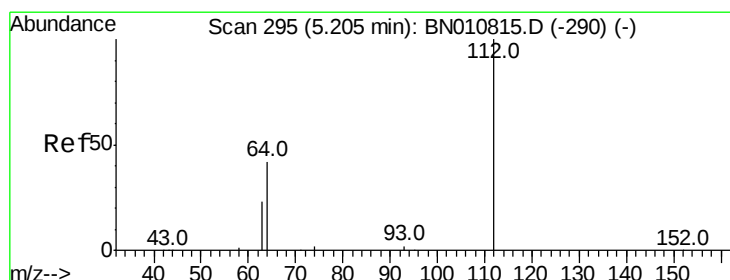
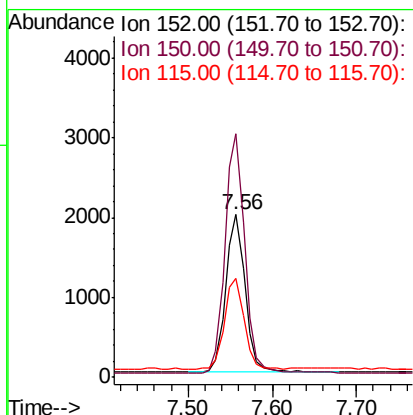
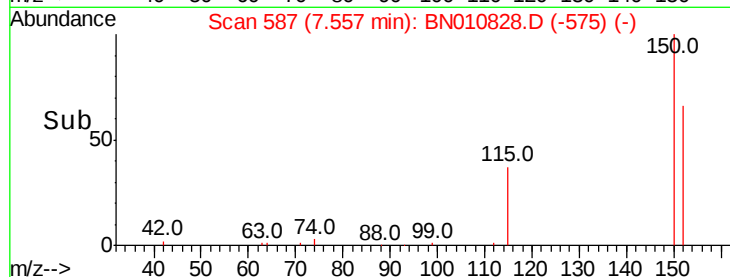
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Instrument :
BNA_N
ClientSampleId :
VE-4-11

Tot Ion:152 Resp: 3144
Ion Ratio Lower Upper
152 100
150 149.8 123.8 185.6
115 60.5 49.2 73.8



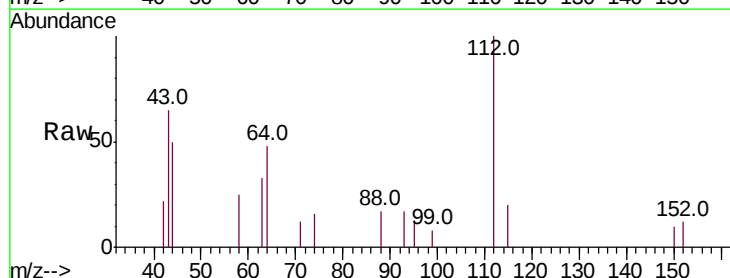
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



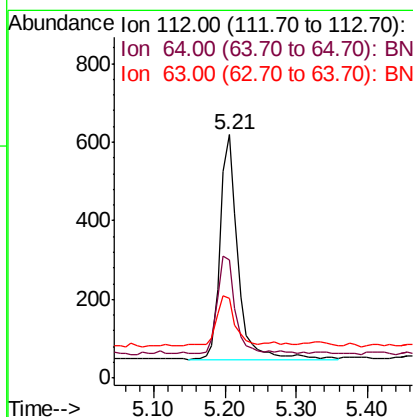
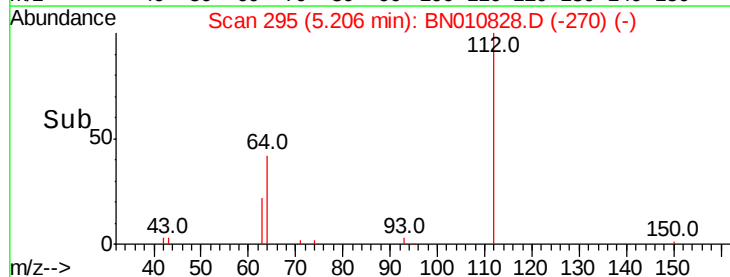
#4

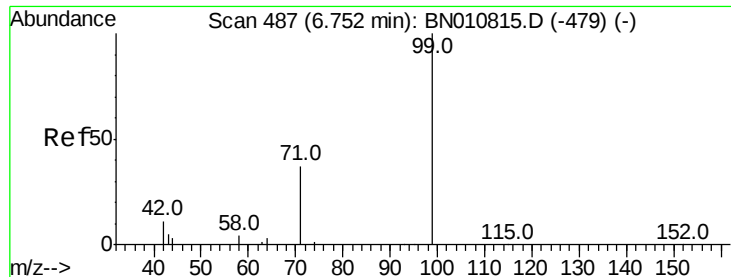
2-Fluorophenol
Concen: 0.163 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN010828.D
Acq: 10 Jun 2020 21:39

Tgt Ion:112 Resp: 990
Ion Ratio Lower Upper
112 100
64 43.2 37.4 56.0
63 24.4 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.094 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN010828.D

Acq: 10 Jun 2020 21:39

Instrument :

BNA_N

ClientSampled :

VE-4-11

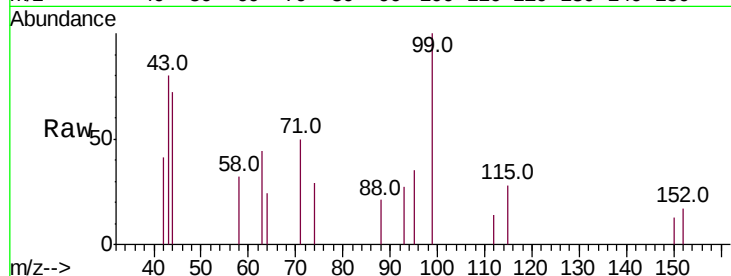
Tot Ion: 99 Resp: 671

Ion Ratio Lower Upper

99 100

42 0.0 11.1 16.7#

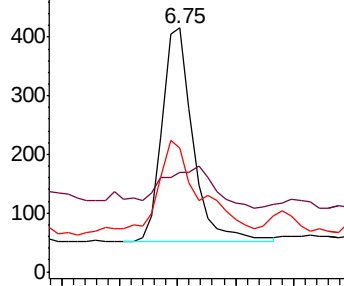
71 57.8 31.4 47.2#



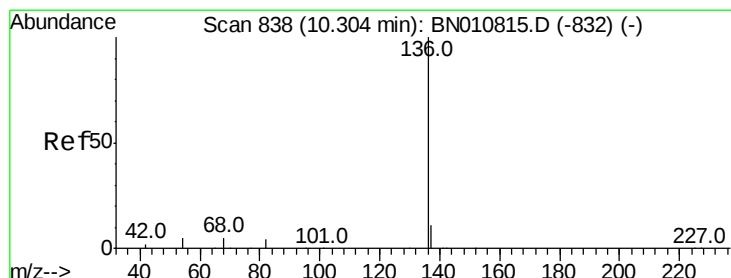
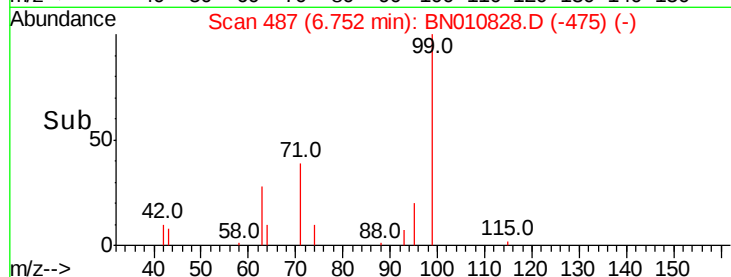
Abundance Ion 99.00 (98.70 to 99.70): BN010828.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN010828.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN010828.D (-475) (-)



Time--> 6.65 6.70 6.75 6.80 6.85



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010828.D

Acq: 10 Jun 2020 21:39

Tgt Ion: 136 Resp: 11147

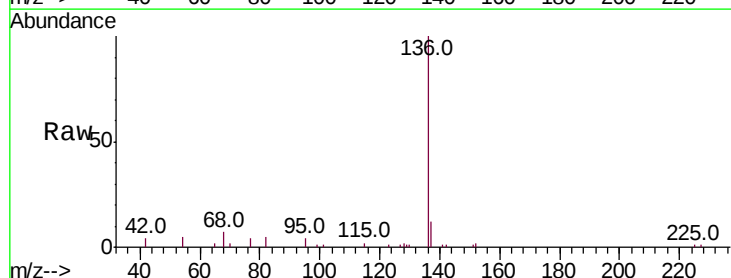
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 5.2 4.9 7.3

68 7.1 4.7 7.1#

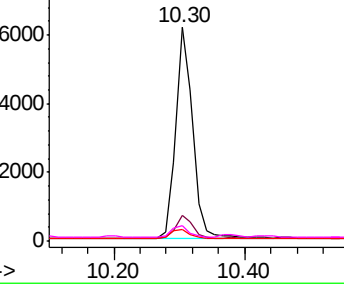


Abundance Ion 136.00 (135.70 to 136.70): BN010828.D (-822) (-)

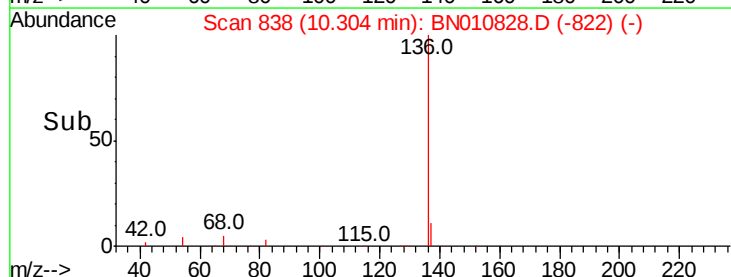
Ion 137.00 (136.70 to 137.70): BN010828.D (-822) (-)

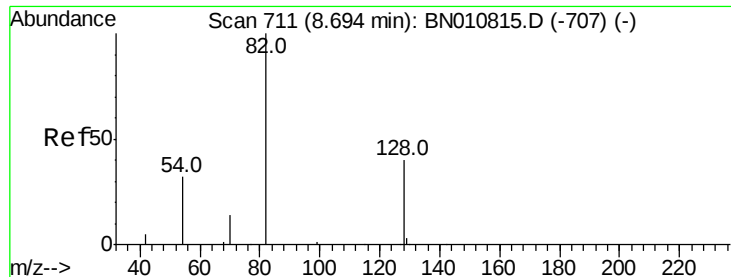
Ion 54.00 (53.70 to 54.70): BN010828.D (-822) (-)

Ion 68.00 (67.70 to 68.70): BN010828.D (-822) (-)



Time--> 10.20 10.40

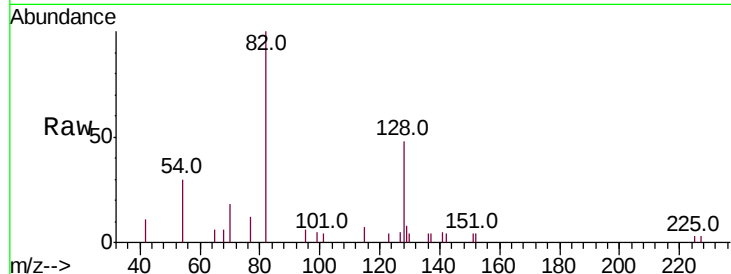




#8
 Nitrobenzene-d5
 Concen: 0.376 ng
 RT: 8.69 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BN010828.D
 Acq: 10 Jun 2020 21:39

Instrument :
 BNA_N
 ClientSampleId :
 VE-4-11

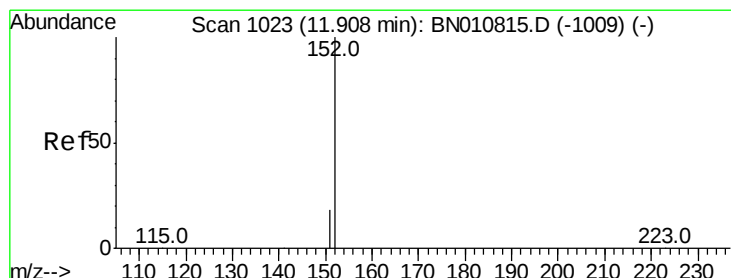
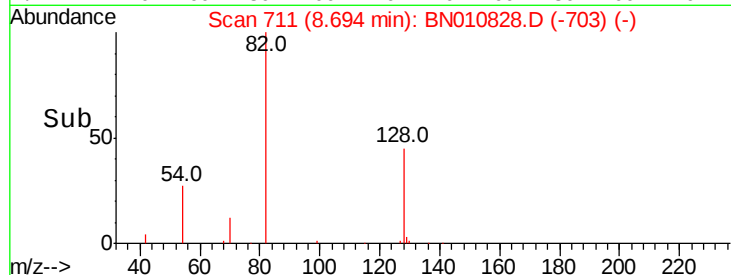
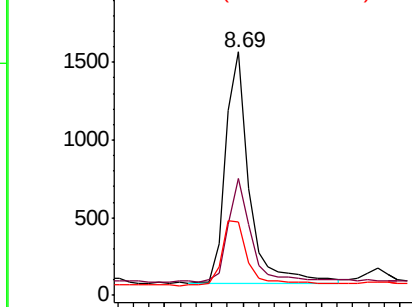
Tot Ion	82	Resp	3104
Ion Ratio	Lower	Upper	
82	100		
128	48.2	35.4	53.0
54	30.0	28.2	42.4



Abundance Ion 82.00 (81.70 to 82.70): BN010815.D (-707) (-)

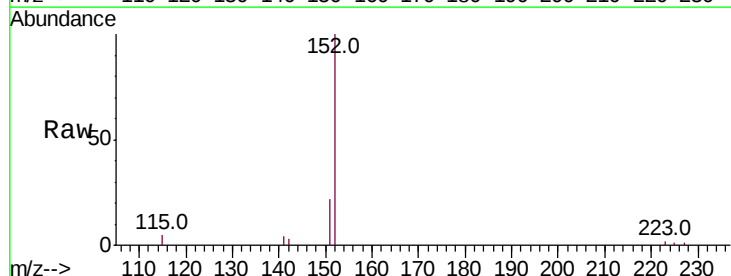
Ion 128.00 (127.70 to 128.70): BN010815.D (-707) (-)

Ion 54.00 (53.70 to 54.70): BN010815.D (-707) (-)



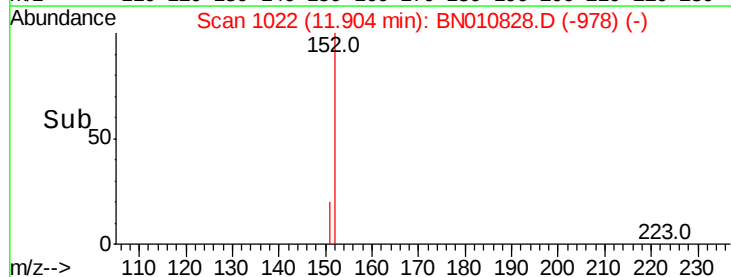
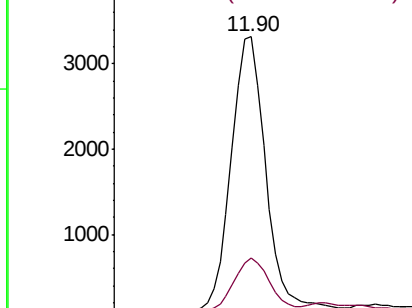
#11
 2-Methylnaphthalene-d10
 Concen: 0.317 ng
 RT: 11.90 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BN010828.D
 Acq: 10 Jun 2020 21:39

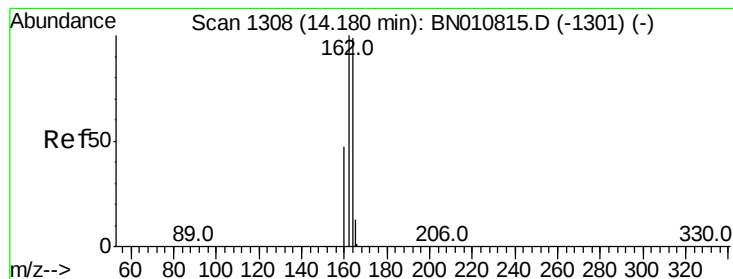
Tgt Ion	152	Resp	5476
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.3	22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010815.D (-1009) (-)

Ion 151.00 (150.70 to 151.70): BN010815.D (-1009) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN010828.D

Acq: 10 Jun 2020 21:39

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VE-4-11

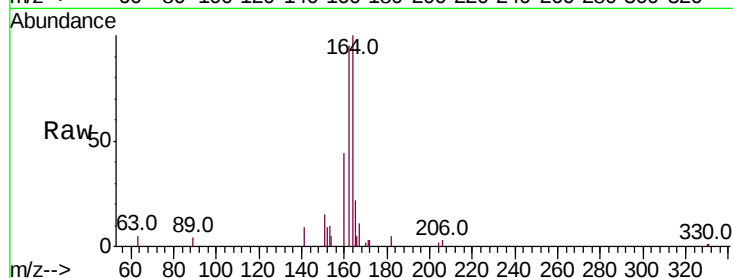
Tot Ion:164 Resp: 7372

Ion Ratio Lower Upper

164 100

162 95.3 81.0 121.6

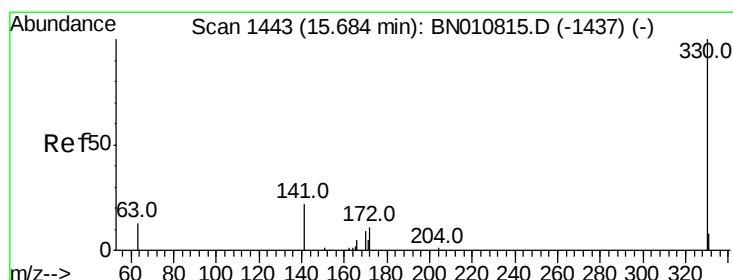
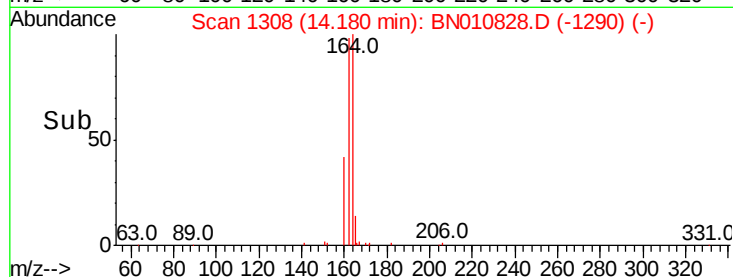
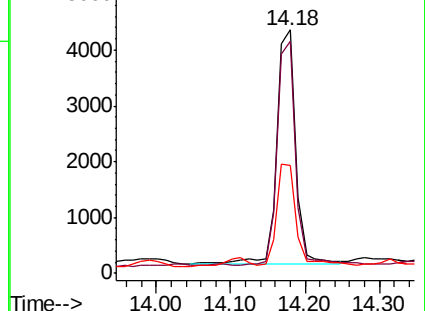
160 44.1 38.9 58.3



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: 0.421 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BN010828.D

Acq: 10 Jun 2020 21:39

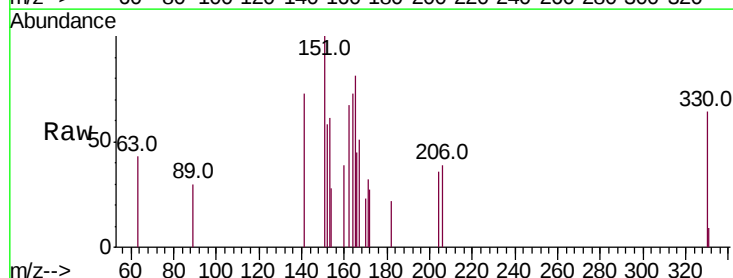
Tgt Ion:330 Resp: 1110

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

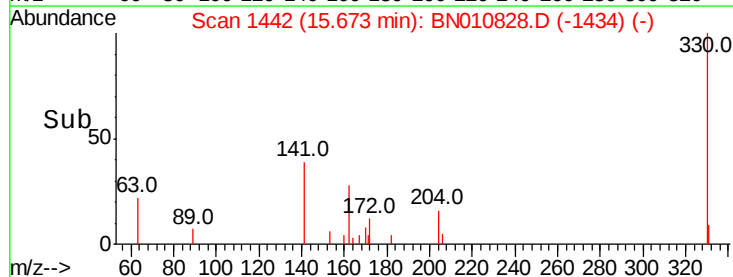
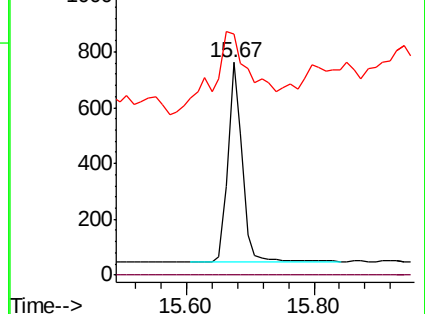
141 66.1 33.2 49.8#

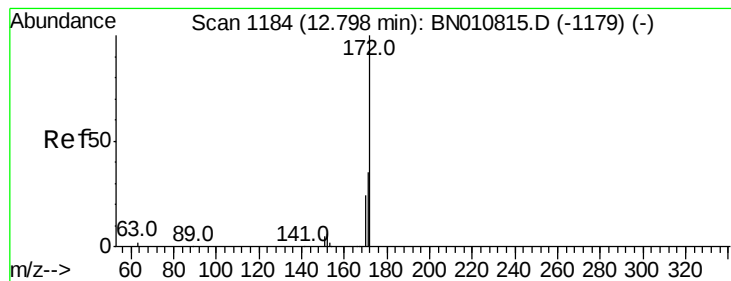


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.312 ng

RT: 12.80 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BN010828.D

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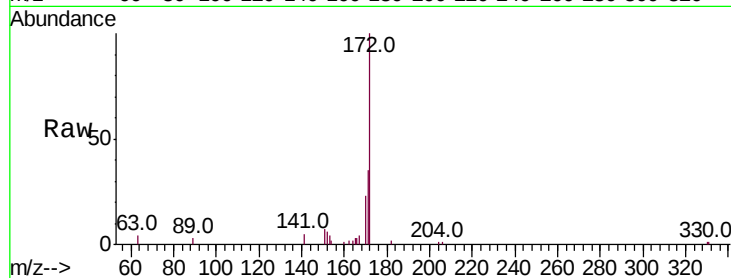
Tot Ion:172 Resp: 9077

Ion Ratio Lower Upper

172 100

171 34.9 28.5 42.7

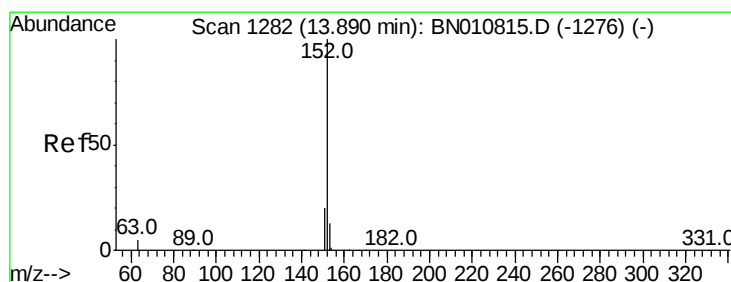
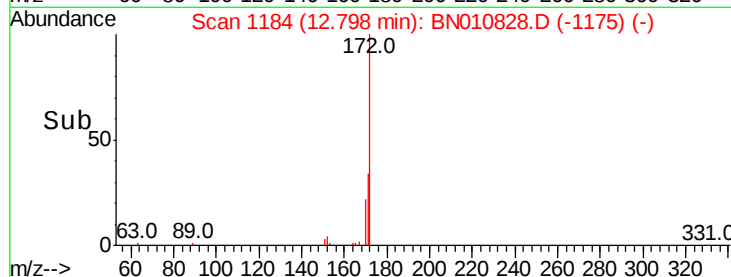
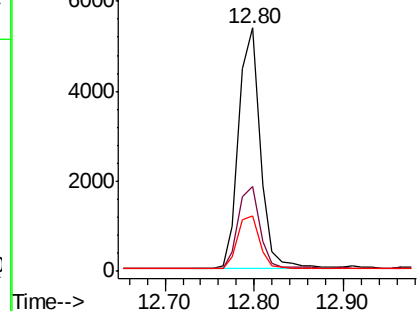
170 22.9 19.7 29.5



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: 0.036 ng

RT: 13.89 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BN010828.D

Acq: 10 Jun 2020 21:39

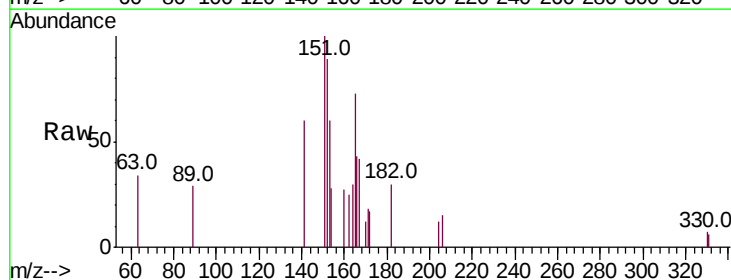
Tgt Ion:152 Resp: 1099

Ion Ratio Lower Upper

152 100

151 166.2 15.6 23.4#

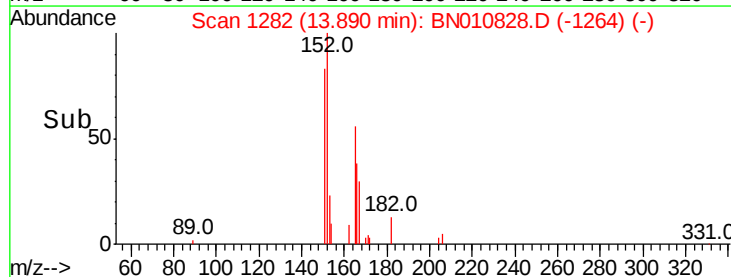
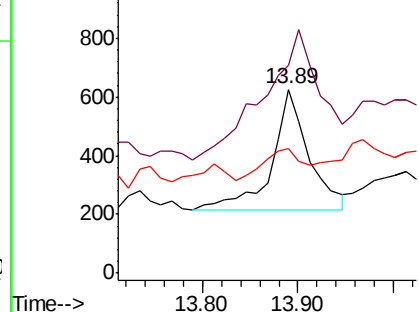
153 28.7 10.6 16.0#

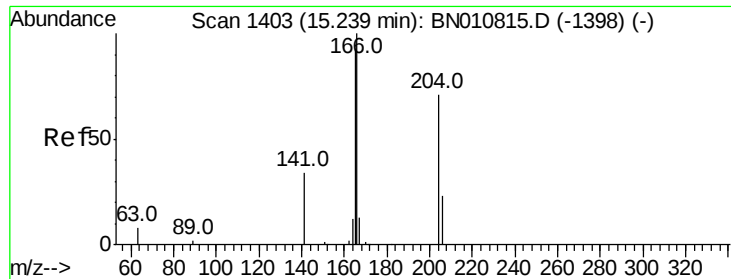


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#18

Fluorene

Concen: 0.021 ng

RT: 15.23 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BN010828.D

Acq: 10 Jun 2020 21:39

Instrument :

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ClientSampled :

VE-4-11

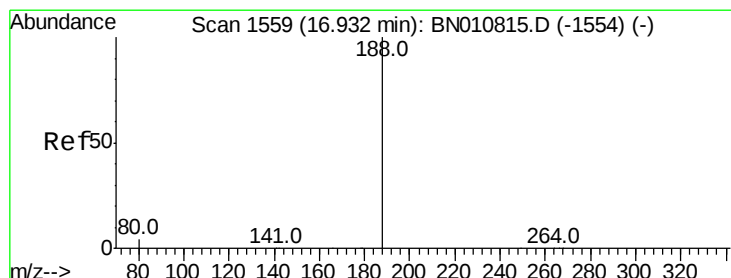
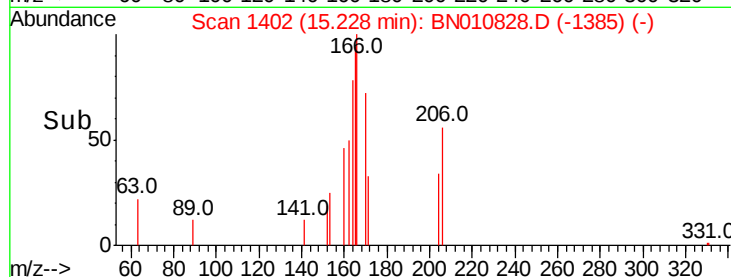
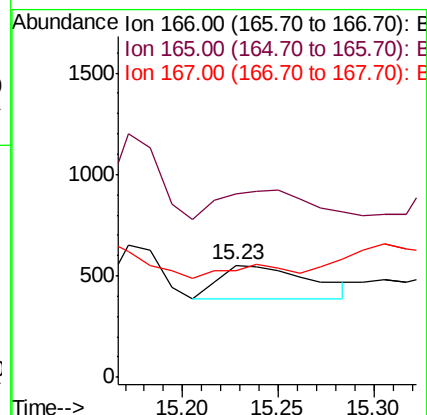
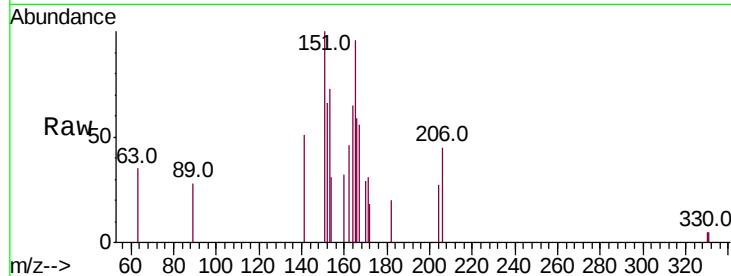
Tot Ion:166 Resp: 554

Ion Ratio Lower Upper

166 100

165 0.0 77.2 115.8#

167 27.6 10.7 16.1#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN010828.D

Acq: 10 Jun 2020 21:39

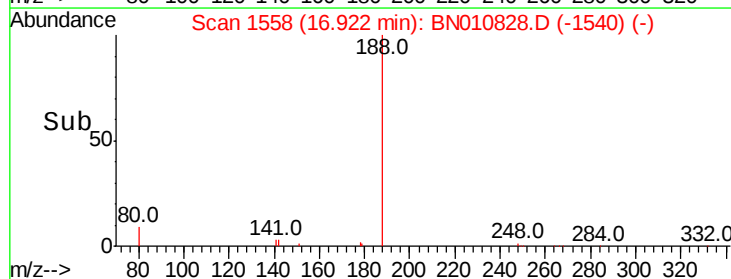
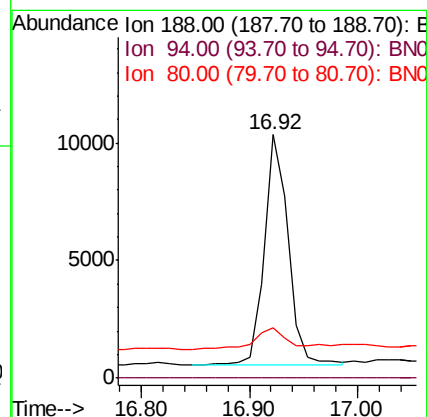
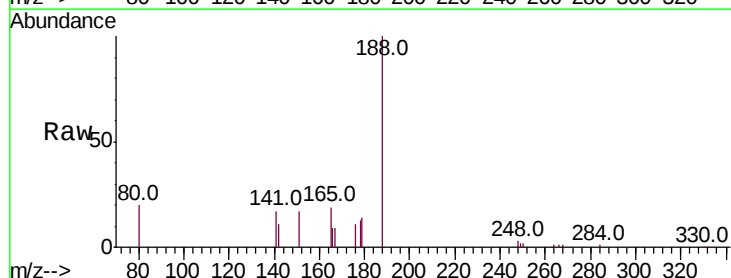
Tgt Ion:188 Resp: 15004

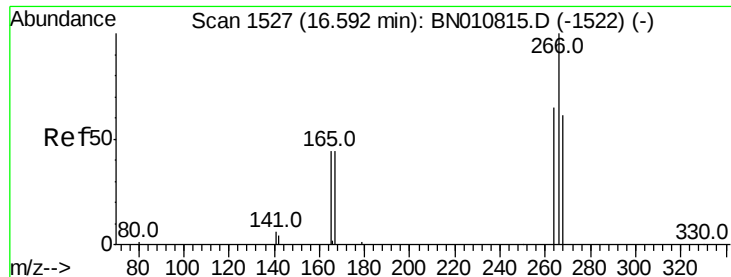
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 20.5 4.5 6.7#





#22

Pentachlorophenol

Concen: 0.023 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BN010828.D

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VE-4-11

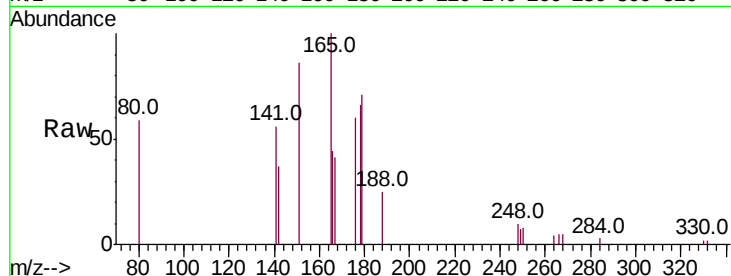
Tot Ion:266 Resp: 72

Ion Ratio Lower Upper

266 100

264 88.2 54.8 82.2#

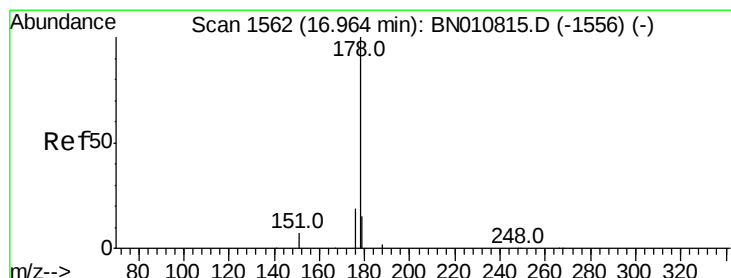
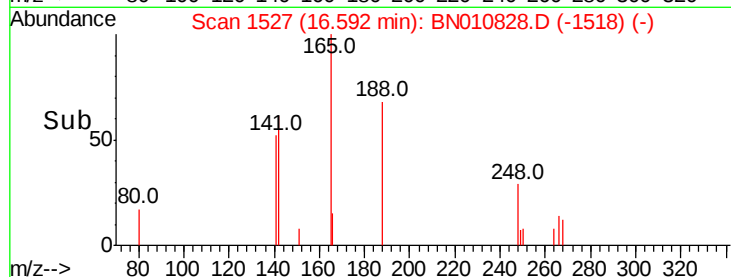
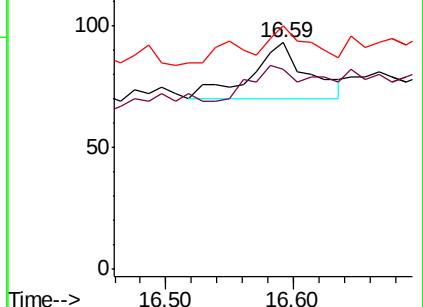
268 107.5 55.9 83.9#



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: 0.044 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010828.D

Acq: 10 Jun 2020 21:39

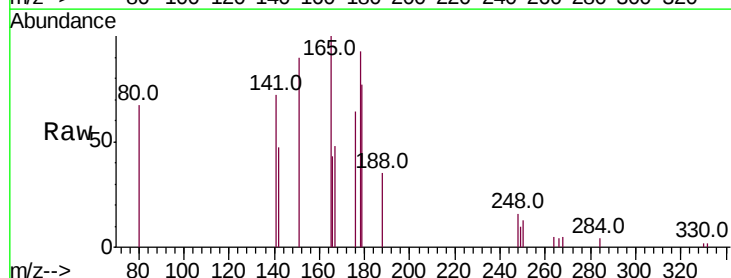
Tgt Ion:178 Resp: 1823

Ion Ratio Lower Upper

178 100

176 30.5 15.3 22.9#

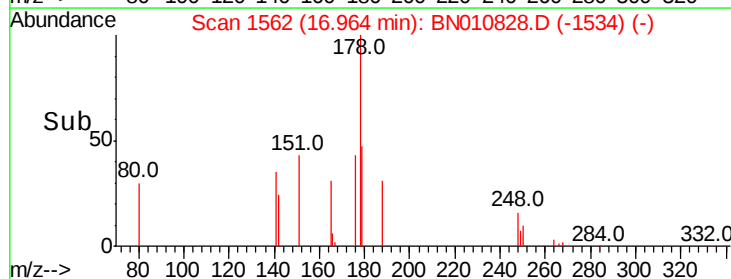
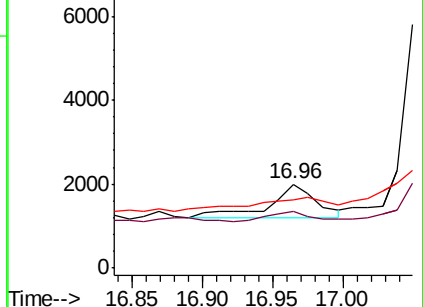
179 79.1 12.6 19.0#

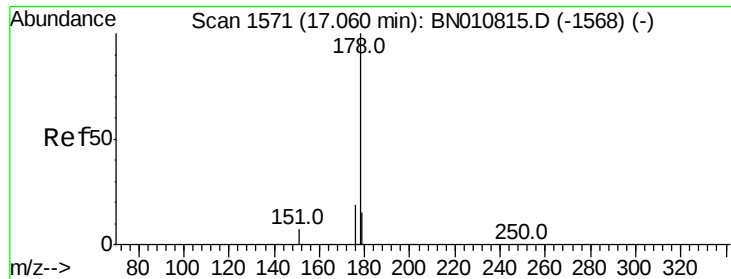


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.267 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BN010828.D

Acq: 10 Jun 2020 21:39

Instrument :

BNA_N

ClientSampleId :

VE-4-11

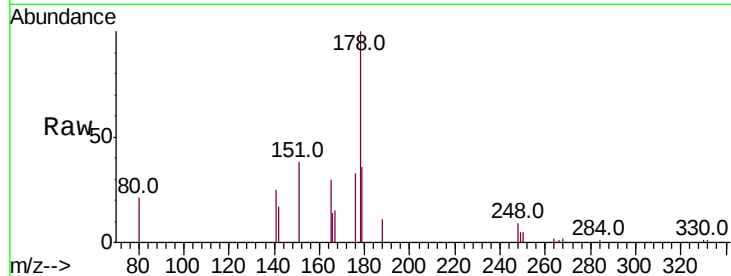
Tot Ion:178 Resp: 9121

Ion Ratio Lower Upper

178 100

176 21.9 14.6 22.0

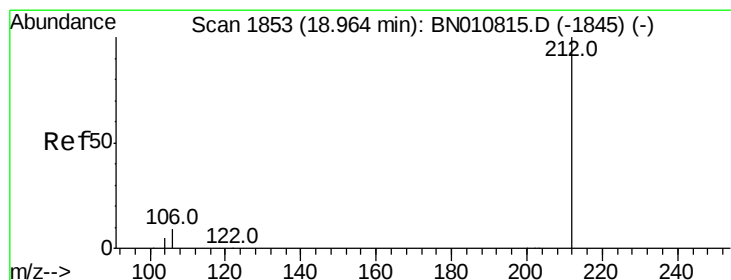
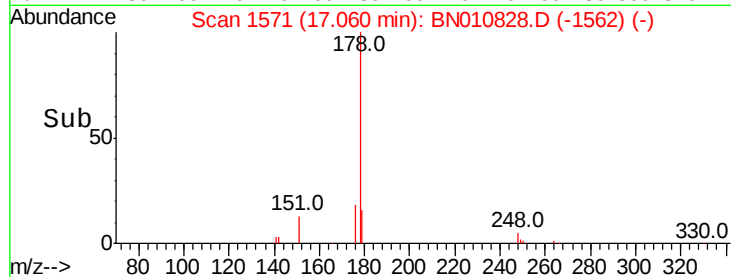
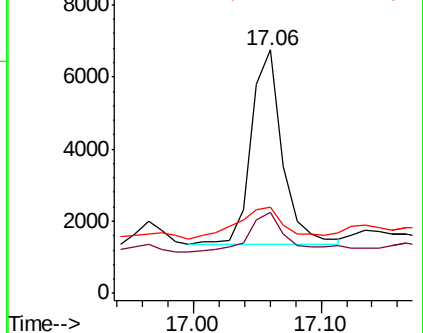
179 24.2 12.3 18.5#



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: 0.370 ng

RT: 18.96 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BN010828.D

Acq: 10 Jun 2020 21:39

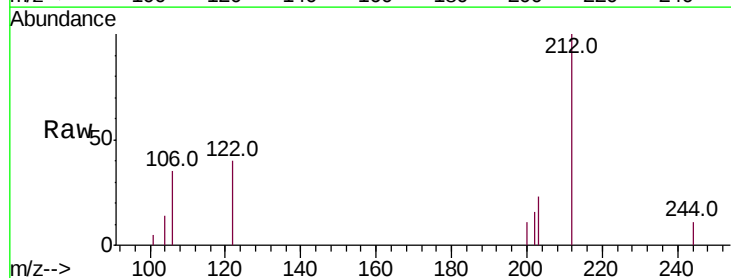
Tgt Ion:212 Resp: 15311

Ion Ratio Lower Upper

212 100

106 12.4 6.6 10.0#

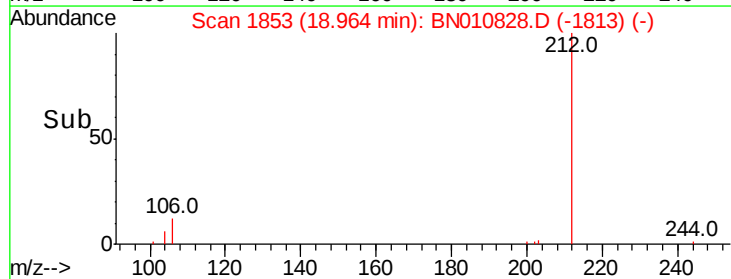
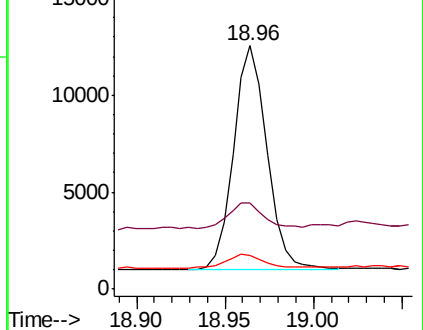
104 6.4 4.0 6.0#

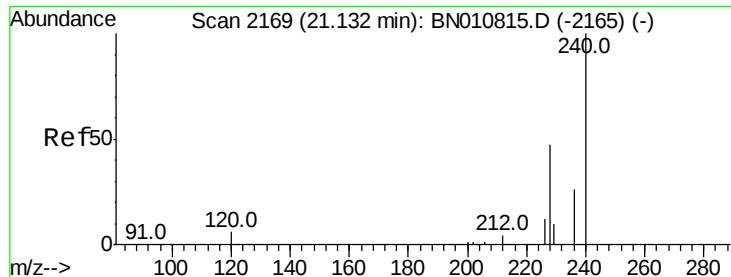


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010828.D

Acq: 10 Jun 2020 21:39

Instrument :

BNA_N

ClientSampleId :

VE-4-11

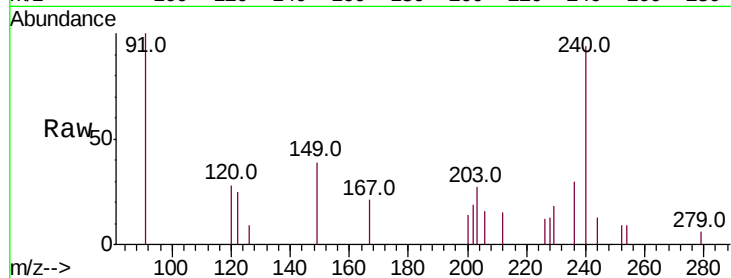
Tot Ion:240 Resp: 14930

Ion Ratio Lower Upper

240 100

120 30.1 7.5 11.3#

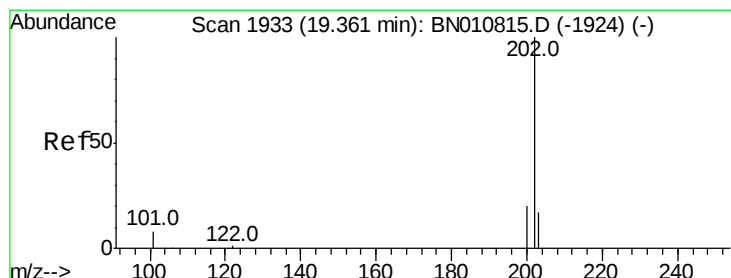
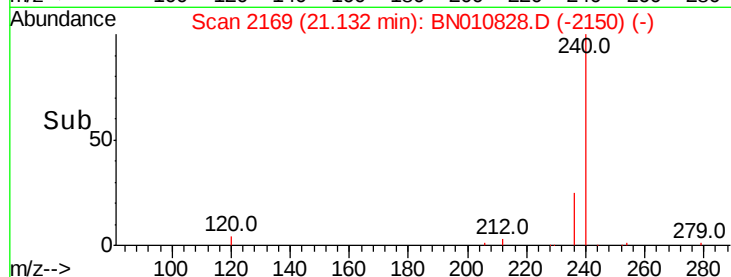
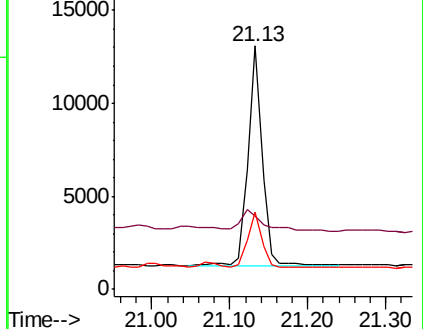
236 32.0 22.3 33.5



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: 0.085 ng

RT: 19.36 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BN010828.D

Acq: 10 Jun 2020 21:39

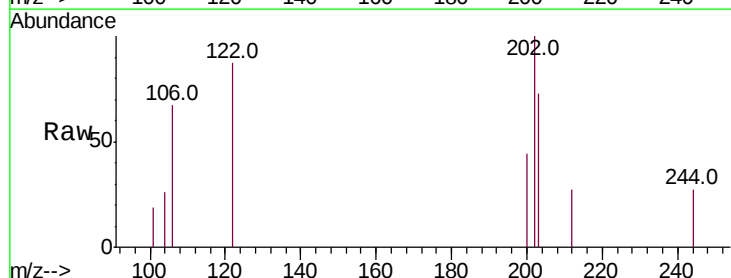
Tgt Ion:202 Resp: 4219

Ion Ratio Lower Upper

202 100

200 25.7 16.4 24.6#

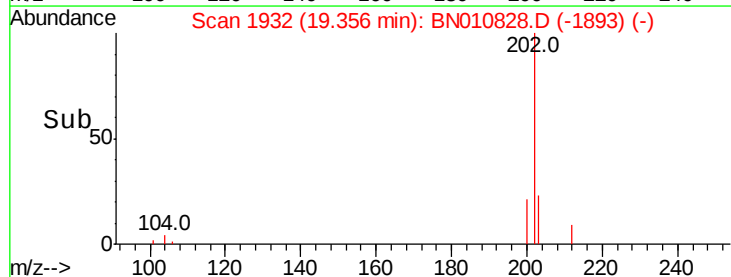
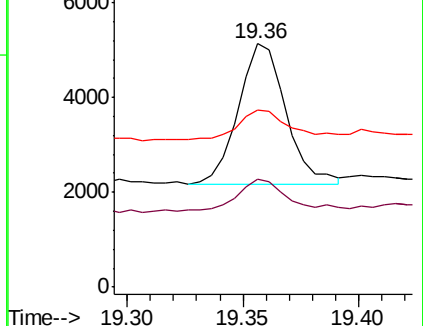
203 24.0 14.2 21.4#

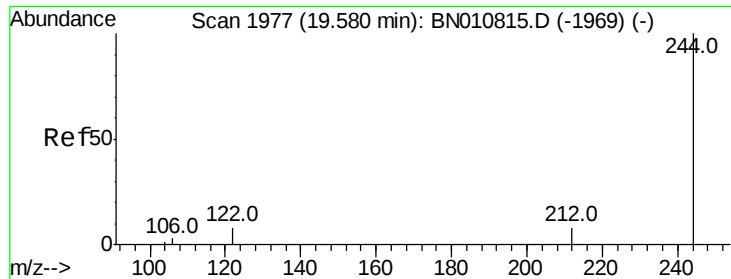


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.369 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN010828.D

Acq: 10 Jun 2020 21:39

Instrument :

BNA_N

ClientSampleId :

VE-4-11

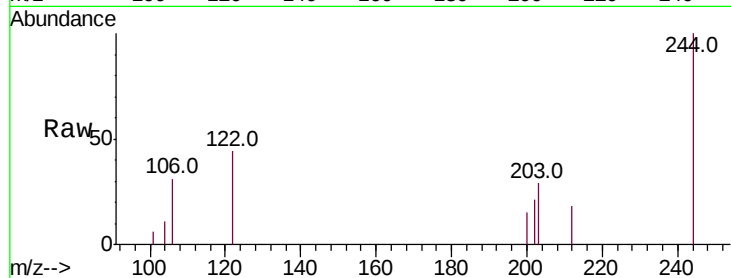
Tot Ion:244 Resp: 12883

Ion Ratio Lower Upper

244 100

212 18.2 7.4 11.2#

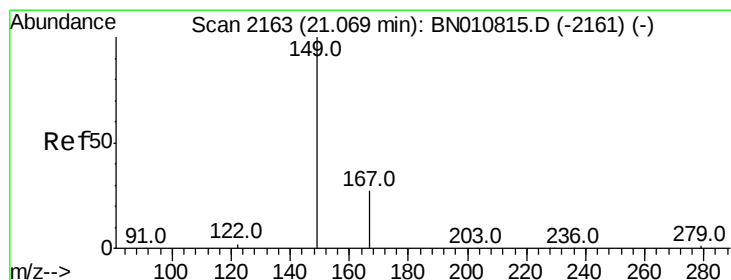
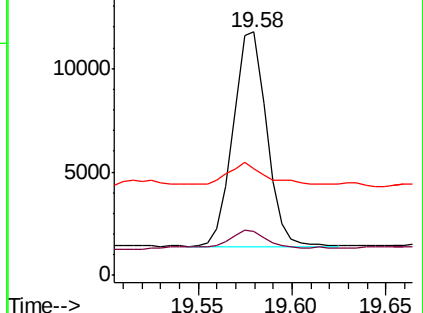
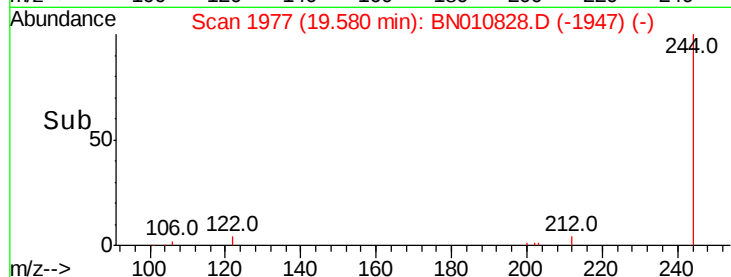
122 43.8 7.5 11.3#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.146 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BN010828.D

Acq: 10 Jun 2020 21:39

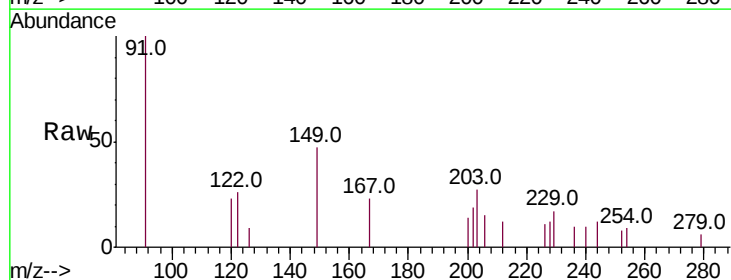
Tgt Ion:149 Resp: 2143

Ion Ratio Lower Upper

149 100

167 29.0 24.1 36.1

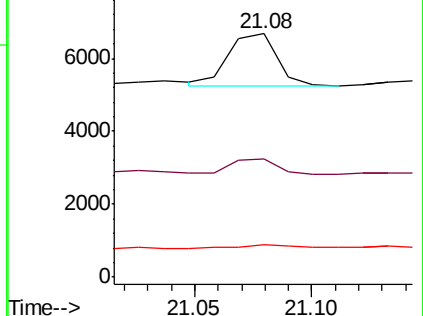
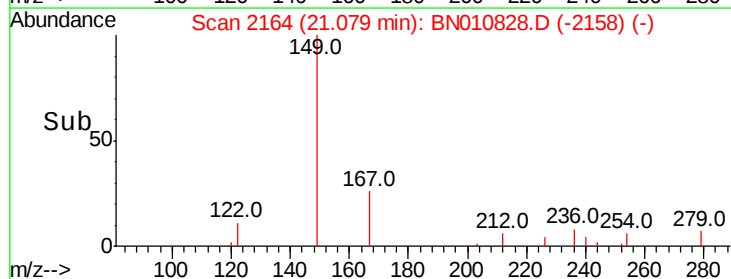
279 6.2 4.6 7.0

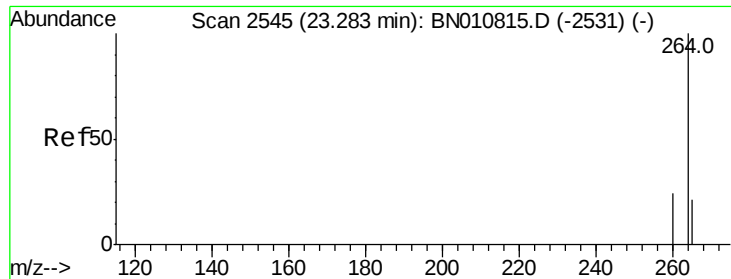


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.28 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BN010828.D

Acq: 10 Jun 2020 21:39

Instrument :

BNA_N

ClientSampleId :

VE-4-11

Tot Ion:264 Resp: 15919

Ion Ratio Lower Upper

264 100

260 28.6 20.4 30.6

265 68.7 75.0 112.4#

