

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
 Data File : BN011550.D
 Acq On : 21 Aug 2020 07:40
 Operator : CG/JU
 Sample : L3708-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFT8

Quant Time: Aug 21 09:09:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 07:37:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	145307	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	567246	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	364293	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	906291	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	941001	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	906185	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	21154	6.99	ng/uL	0.00
5) Phenol-d5	6.62	99	70152	6.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	162528	31.03	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	226922	24.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	115736	13.87	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	118225	26.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	127694	25.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	223705	23.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	22888	2.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	803566	28.33	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	908156	26.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	27512	5.72	ng/ul	0.00
58) Fluorene-d10	15.06	176	817338	32.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	158497	26.37	ng/ul	0.00
71) Anthracene-d10	16.91	188	1417393	32.74	ng/ul	0.00
79) Pyrene-d10	19.22	212	1696901	35.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1561799	31.03	ng/ul	0.00

Target Compounds

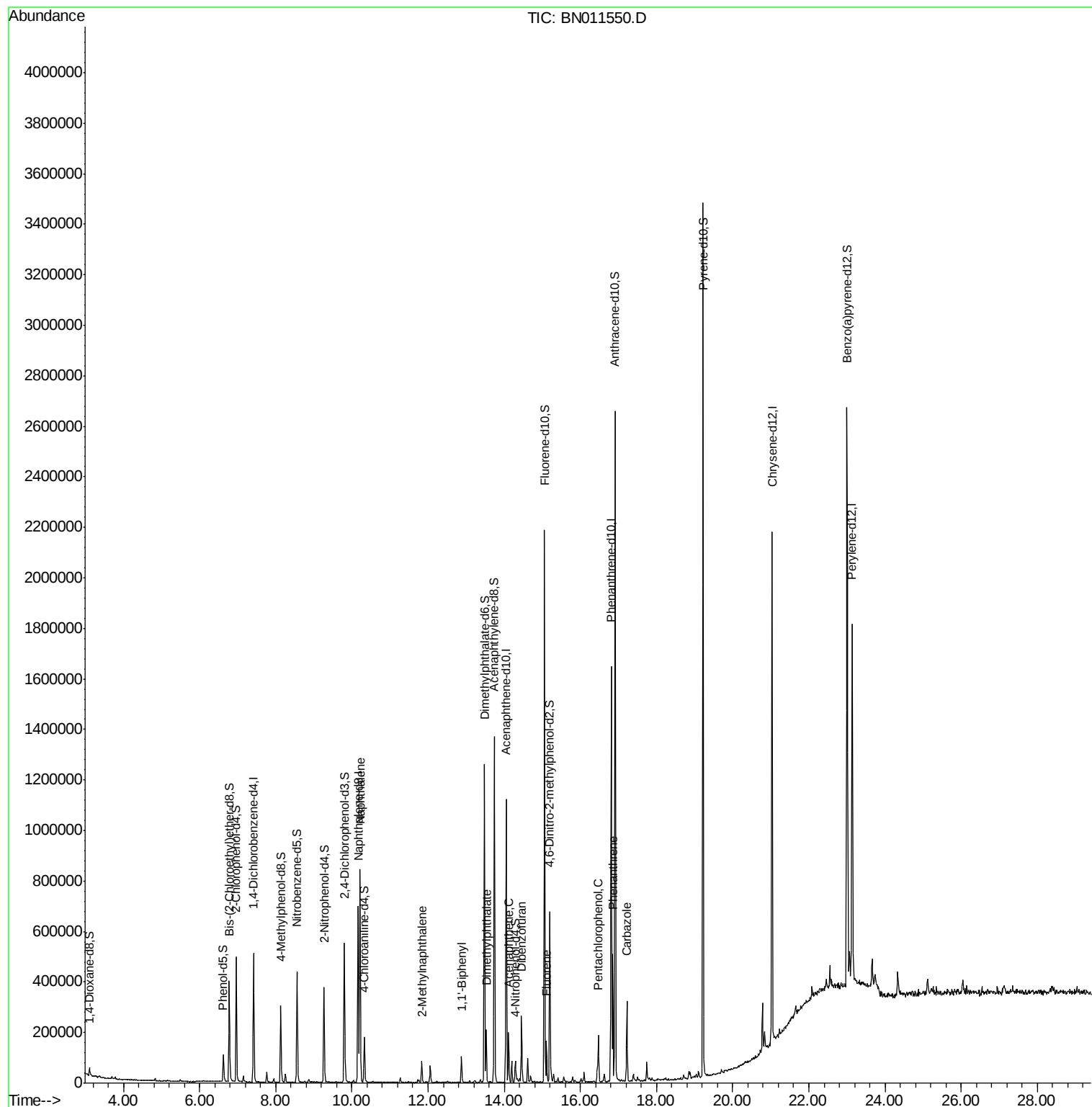
					Ovalue	
28) Naphthalene	10.21	128	688787	21.758	ng/ul	99
34) 2-Methylnaphthalene	11.83	142	40543	1.868	ng/ul	99
41) 1,1'-Biphenyl	12.87	154	56209	1.923	ng/ul	100
45) Dimethylphthalate	13.53	163	130853	4.494	ng/ul#	95
50) Acenaphthene	14.12	153	78407	3.168	ng/ul	93
54) Dibenzofuran	14.46	168	168702	4.700	ng/ul	96
59) Fluorene	15.11	166	66269	2.291	ng/ul	95
69) Pentachlorophenol	16.47	266	16915	2.572	ng/ul#	76
70) Phenanthrene	16.85	178	283652	5.277	ng/ul	97
75) Carbazole	17.22	167	191147	4.175	ng/ul	99

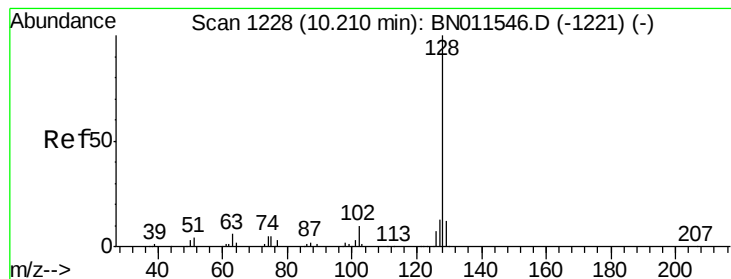
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 21 07:37:59 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 21.758 ng/ul

RT: 10.21 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BN011550.D

Acq: 21 Aug 2020 07:40

Instrument :

BNA_N

ClientSampleId :

DBFT8

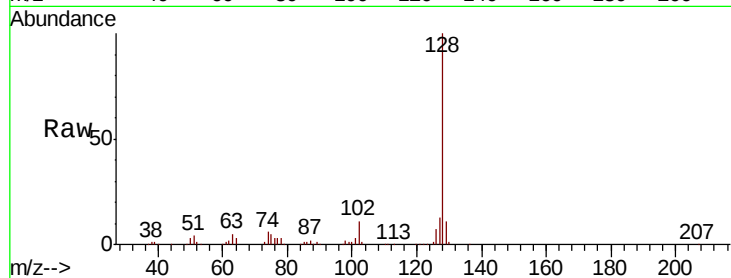
Tot Ion:128 Resp: 688787

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

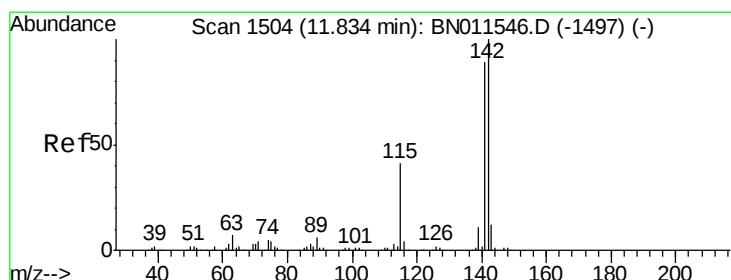
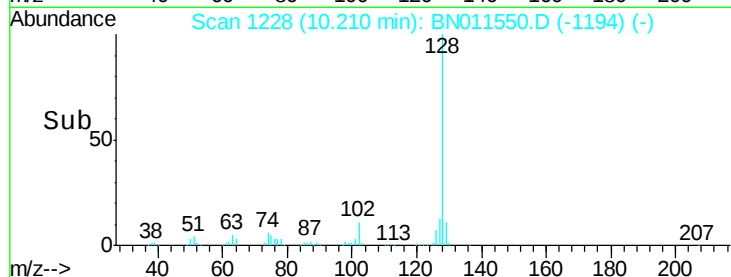
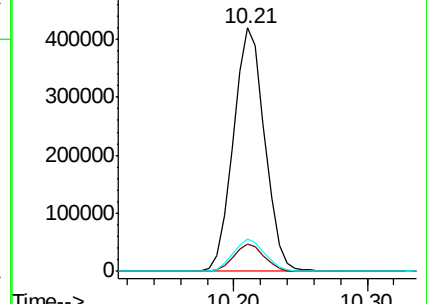
127 13.2 10.2 15.2



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



#34

2-Methylnaphthalene

Concen: 1.868 ng/ul

RT: 11.83 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BN011550.D

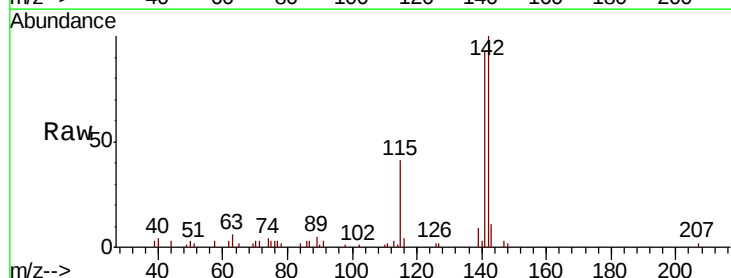
Acq: 21 Aug 2020 07:40

Tgt Ion:142 Resp: 40543

Ion Ratio Lower Upper

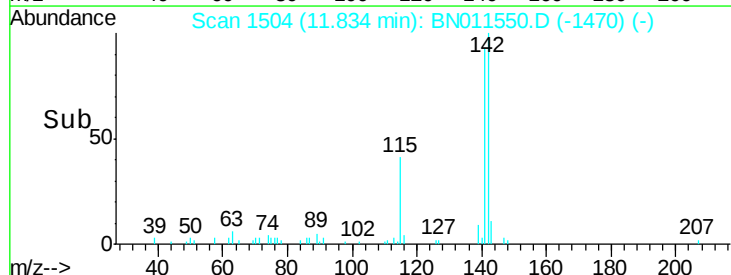
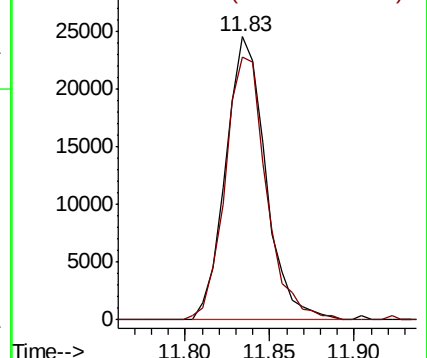
142 100

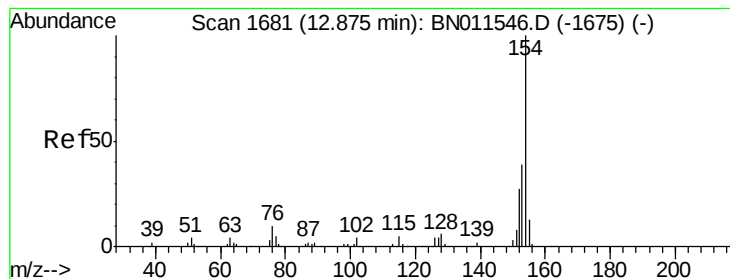
141 92.9 73.2 109.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#41

1,1'-Biphenyl

Concen: 1.923 ng/ul

RT: 12.87 min Scan# 1681

Delta R.T. 0.00 min

Lab File: BN011550.D

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Instrument :

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ClientSampleId :

DBFT8

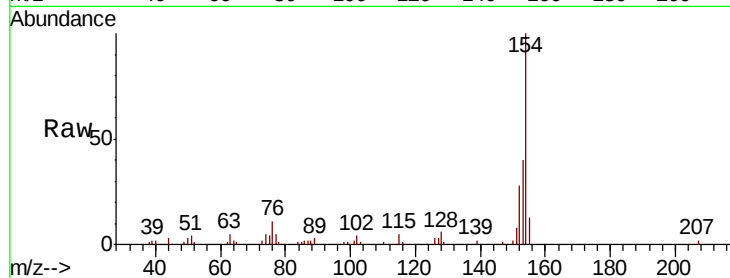
Tot Ion:154 Resp: 56209

Ion Ratio Lower Upper

154 100

153 40.2 32.3 48.5

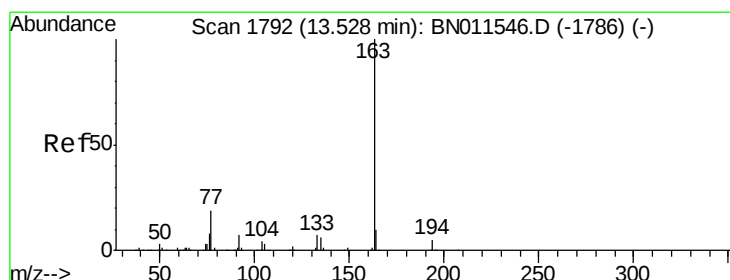
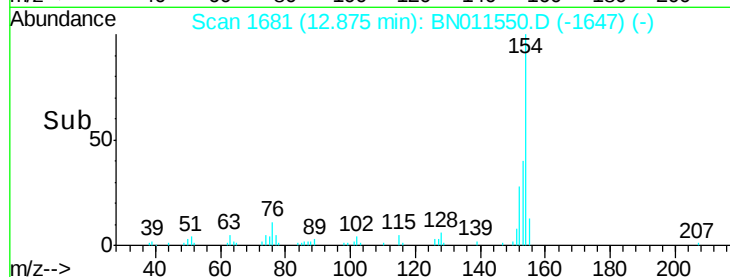
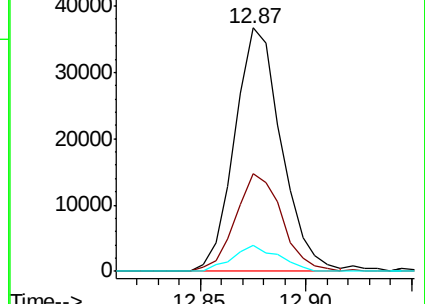
76 10.7 8.5 12.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#45

Dimethylphthalate

Concen: 4.494 ng/ul

RT: 13.53 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BN011550.D

Acq: 21 Aug 2020 07:40

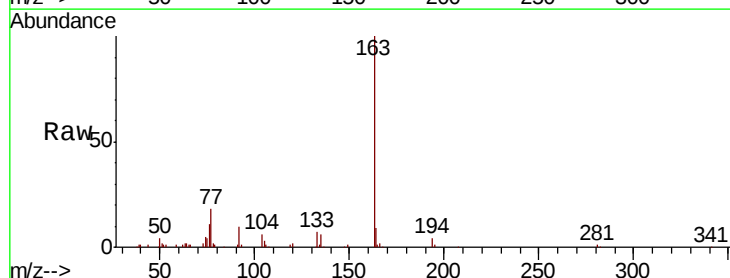
Tgt Ion:163 Resp: 130853

Ion Ratio Lower Upper

163 100

194 3.8 3.8 5.6

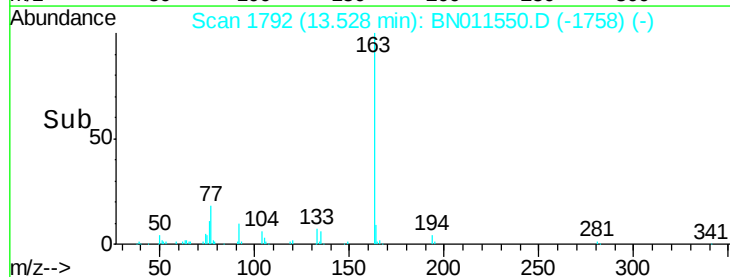
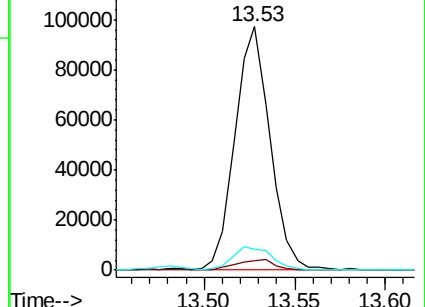
164 8.7 8.7 13.1#

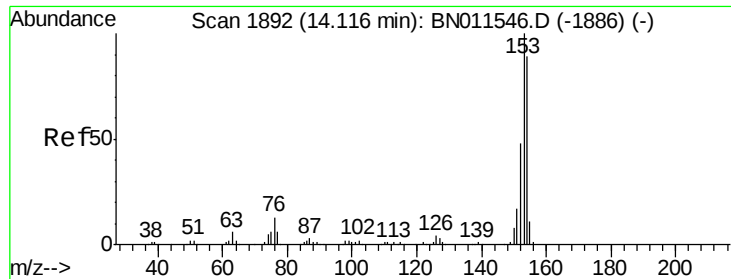


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 3.168 ng/ul

RT: 14.12 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BN011550.D

Acq: 21 Aug 2020 07:40

Instrument :

BNA_N

ClientSampleId :

DBFT8

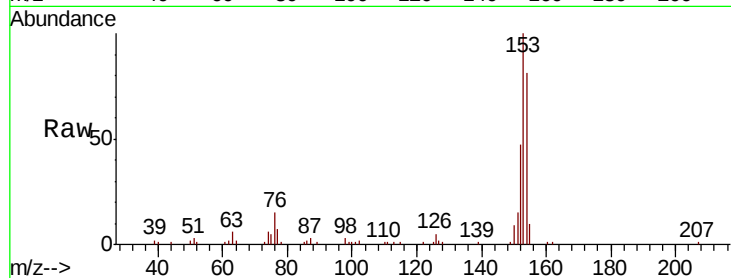
Tot Ion:153 Resp: 78407

Ion Ratio Lower Upper

153 100

152 46.6 37.6 56.4

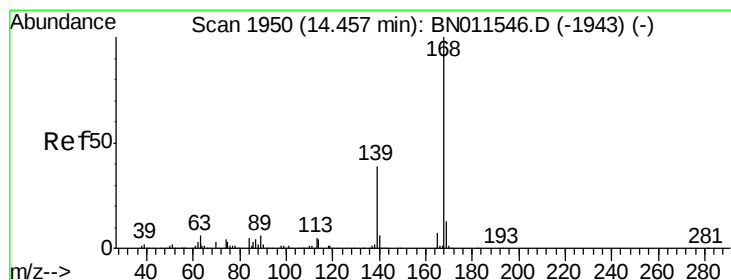
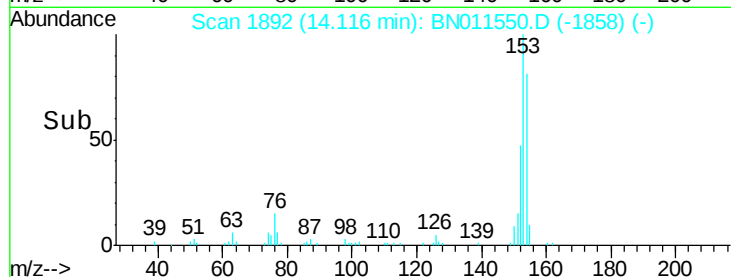
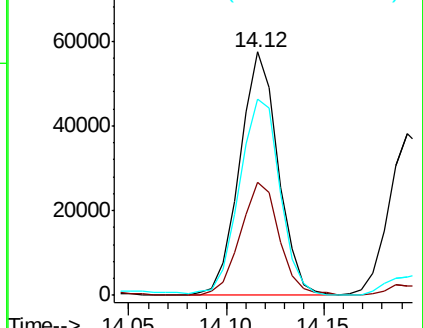
154 80.6 72.0 108.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 4.700 ng/ul

RT: 14.46 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BN011550.D

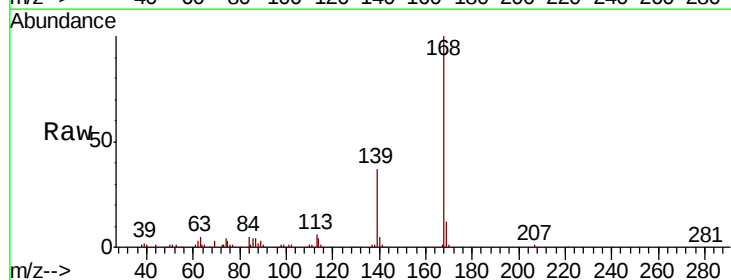
Acq: 21 Aug 2020 07:40

Tgt Ion:168 Resp: 168702

Ion Ratio Lower Upper

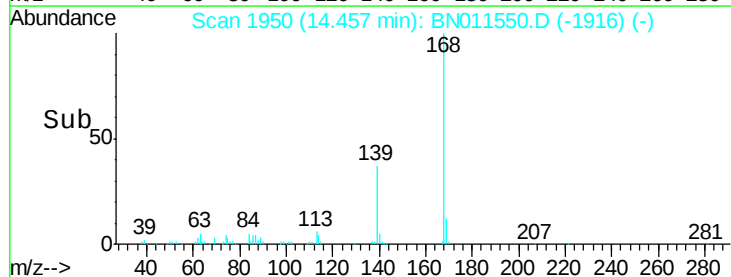
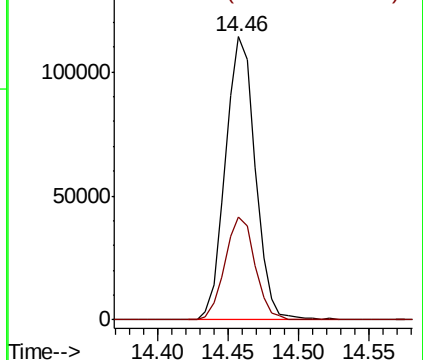
168 100

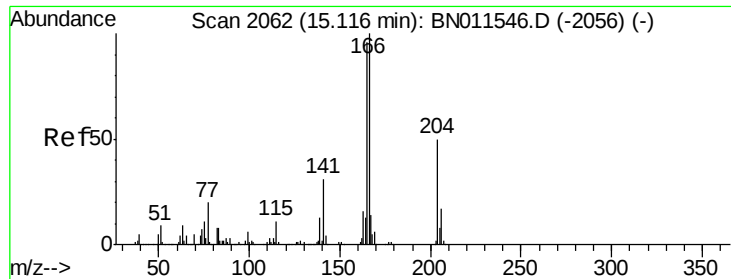
139 36.6 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 2.291 ng/ul

RT: 15.11 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BN011550.D

Acq: 21 Aug 2020 07:40

Instrument :

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ClientSampleId :

DBFT8

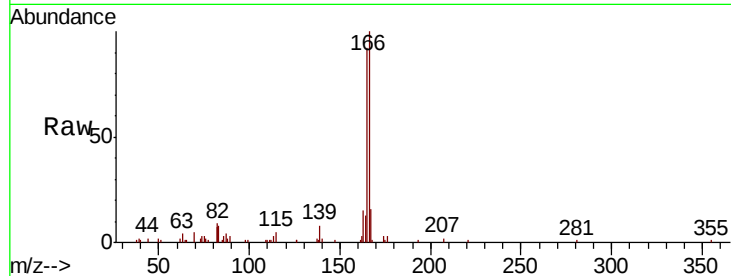
Tot Ion:166 Resp: 66269

Ion Ratio Lower Upper

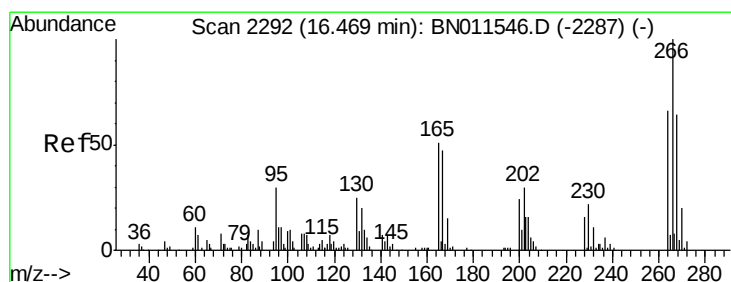
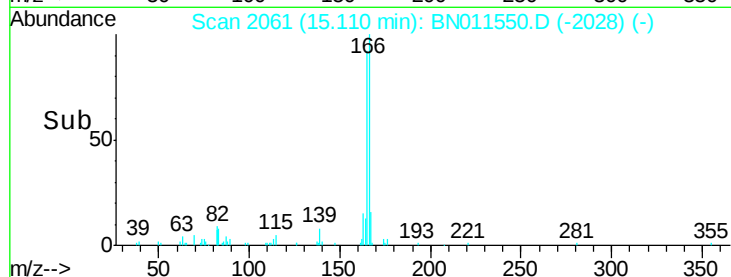
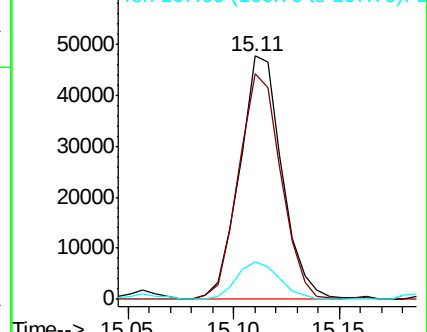
166 100

165 92.4 78.0 117.0

167 15.5 11.9 17.9



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



#69

Pentachlorophenol

Concen: 2.572 ng/ul

RT: 16.47 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BN011550.D

Acq: 21 Aug 2020 07:40

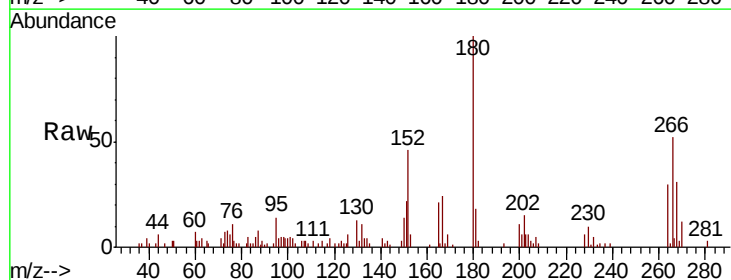
Tgt Ion:266 Resp: 16915

Ion Ratio Lower Upper

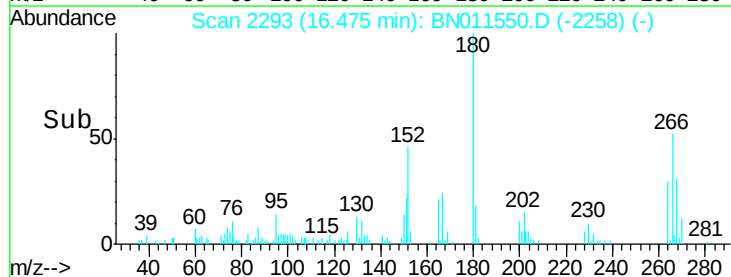
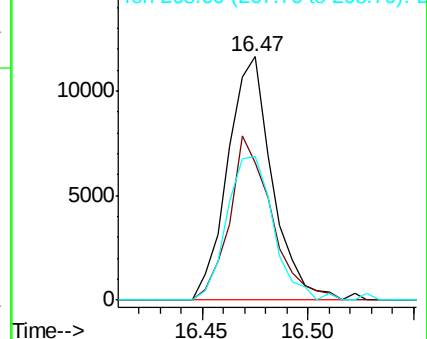
266 100

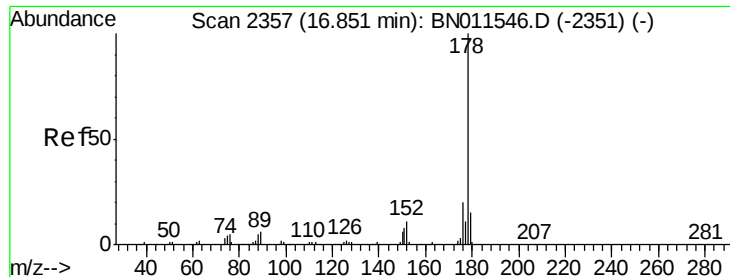
264 56.5 67.9 101.9#

268 65.2 63.4 95.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 5.277 ng/ul

RT: 16.85 min Scan# 2357

Delta R.T. 0.00 min

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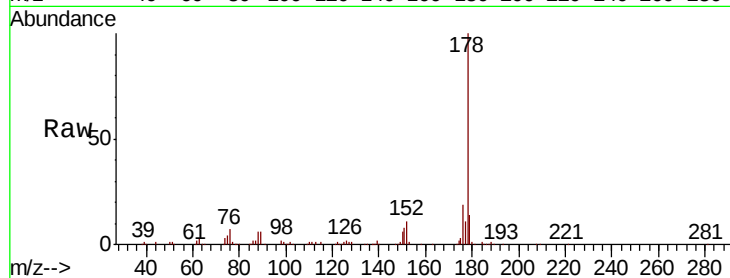
Tot Ion:178 Resp: 283652

Ion Ratio Lower Upper

178 100

179 14.4 13.1 19.7

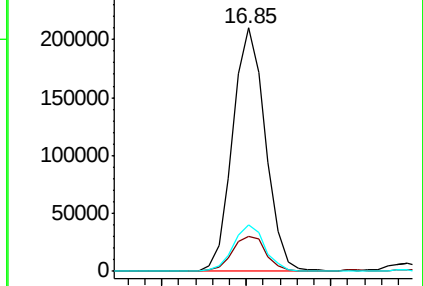
176 19.0 15.7 23.5



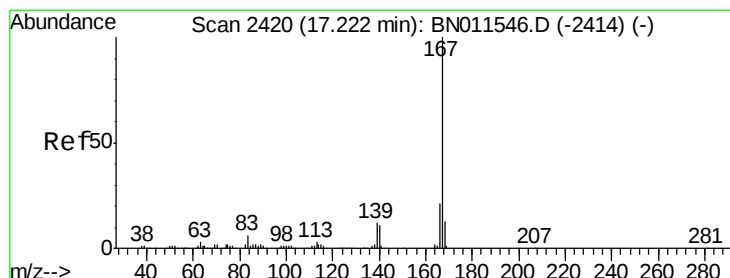
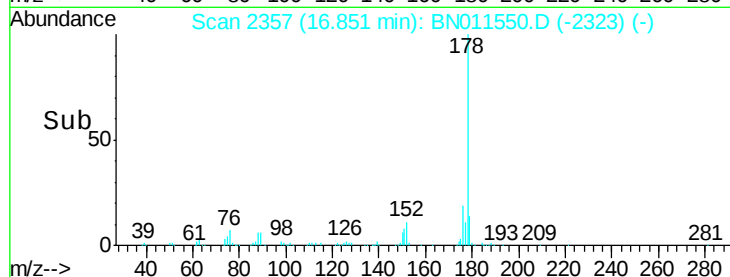
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#75

Carbazole

Concen: 4.175 ng/ul

RT: 17.22 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BN011550.D

Acq: 21 Aug 2020 07:40

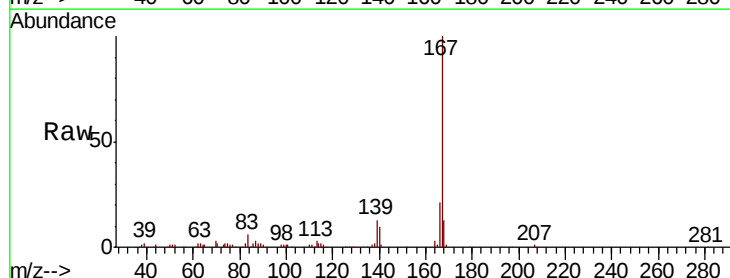
Tgt Ion:167 Resp: 191147

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

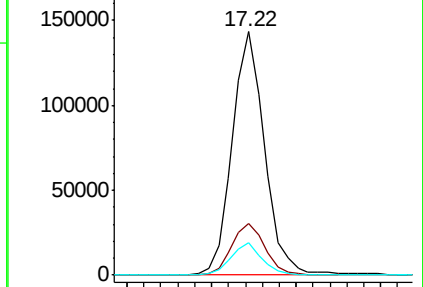
139 13.3 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->

