

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 09:06:30 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

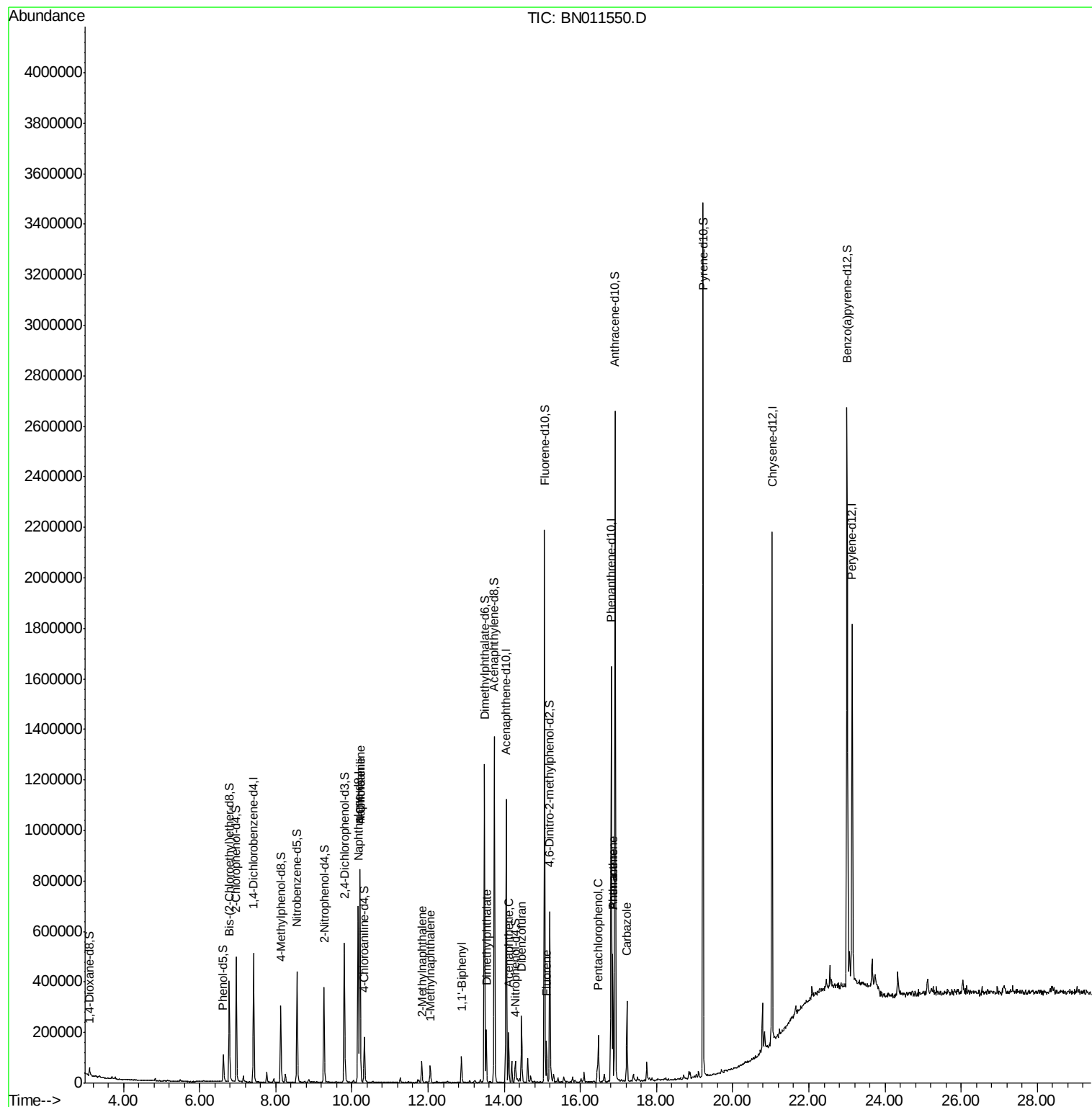
					Ovalue	
28) Naphthalene	10.21	128	688787	21.758	ng/ul	99
30) 4-Chloroaniline	10.21	127	91414	8.178	ng/ul#	11
34) 2-Methylnaphthalene	11.83	142	40543	1.868	ng/ul	99
35) 1-Methylnaphthalene	12.06	142	30961	1.456	ng/uL	98
41) 1,1'-Biphenyl	12.87	154	56209	1.923	ng/ul	100
45) Dimethylphthalate	13.53	163	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
72) Anthracene	16.85	178	283652	5.210	ng/ul	97
75) Carbazole	17.22	167	191147	4.175	ng/ul	99

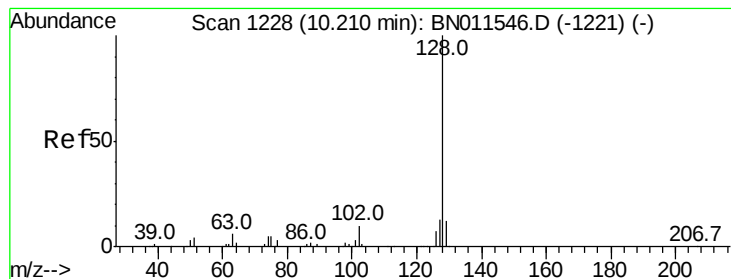
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

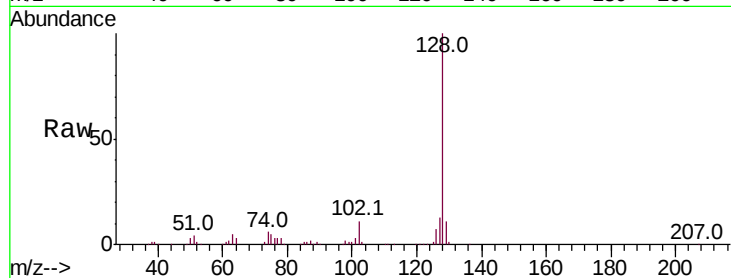
Tot Ion:128 Resp: 688787

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

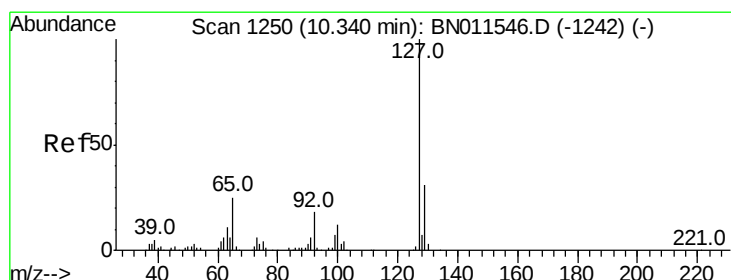
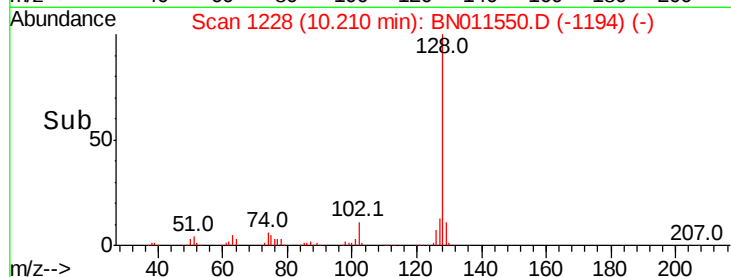
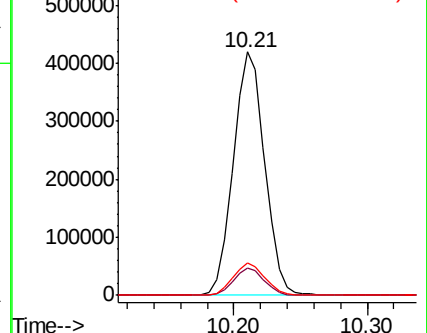
127 13.2 10.2 15.2



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



#30

4-Chloroaniline

Concen: 8.178 ng/ul

RT: 10.21 min Scan# 1228

Delta R.T. -0.13 min

Lab File: BN011550.D

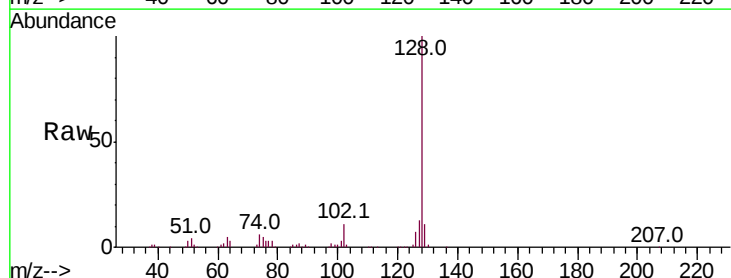
Acq: 21 Aug 2020 07:40

Tgt Ion:127 Resp: 91414

Ion Ratio Lower Upper

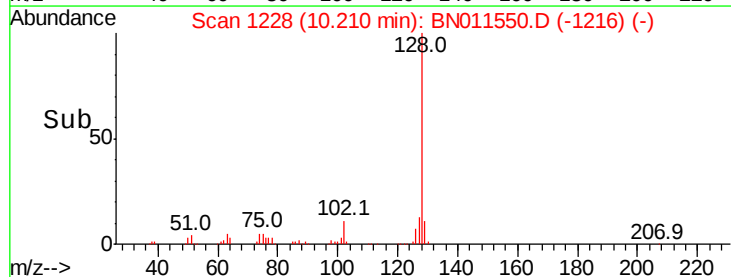
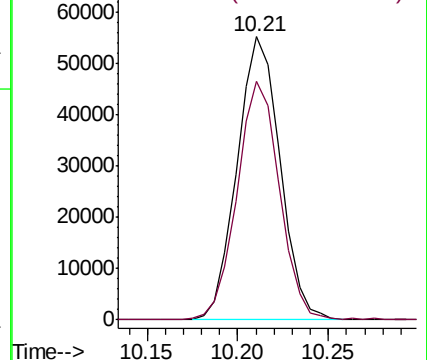
127 100

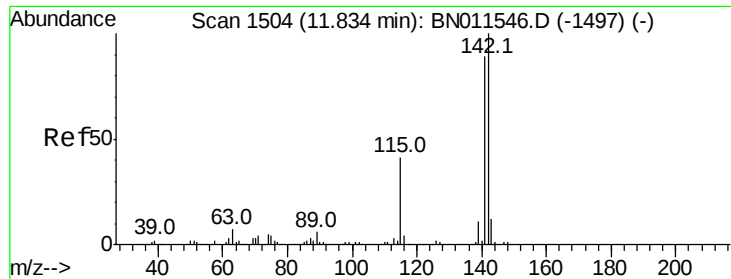
129 84.1 26.9 40.3#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

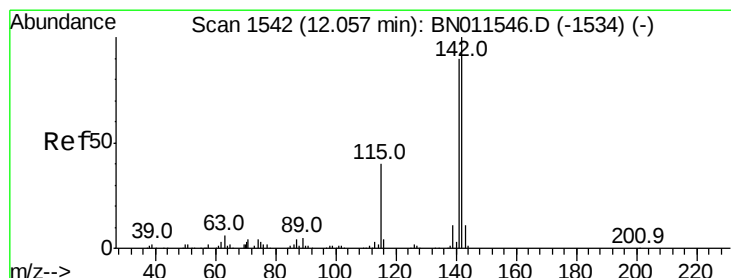
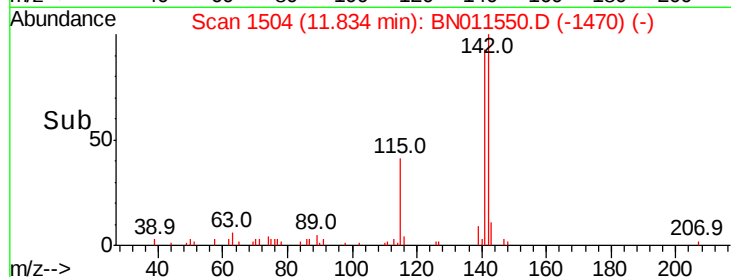
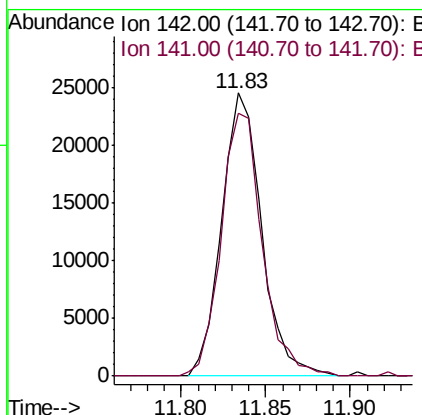
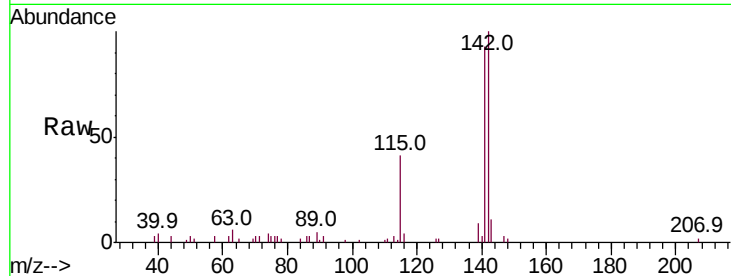




#34
 2-Methylnaphthalene
 Concen: 1.868 ng/uL
 RT: 11.83 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BN011550.D
 Acq: 21 Aug 2020 07:40

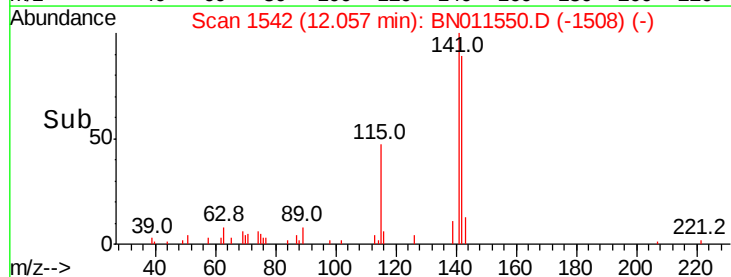
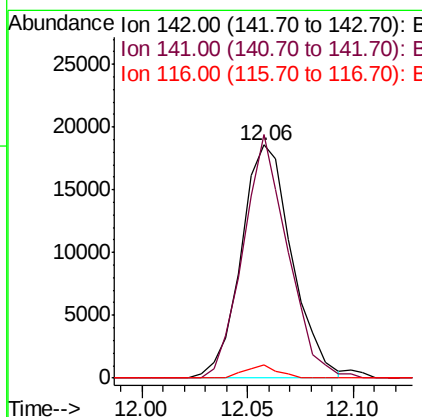
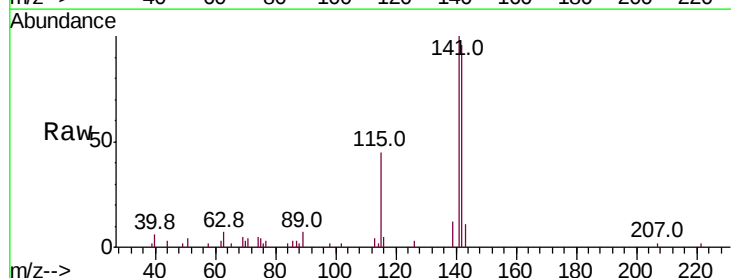
Instrument :
 BNA_N
 ClientSampled :
 DBFT8

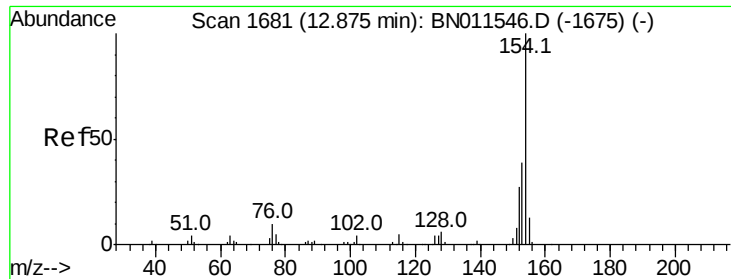
Tot Ion:142 Resp: 40543
 Ion Ratio Lower Upper
 142 100
 141 92.9 73.2 109.8



#35
 1-Methylnaphthalene
 Concen: 1.456 ng/uL
 RT: 12.06 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BN011550.D
 Acq: 21 Aug 2020 07:40

Tgt Ion:142 Resp: 30961
 Ion Ratio Lower Upper
 142 100
 141 91.6 75.0 112.4
 116 3.5 3.4 5.0

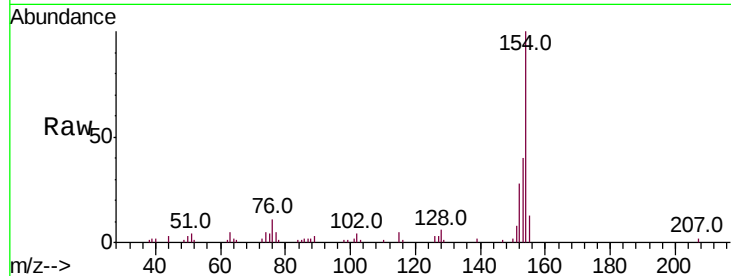




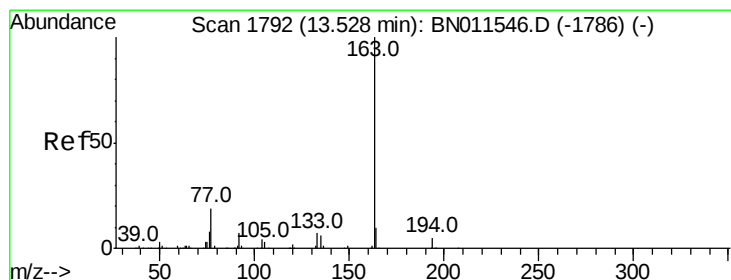
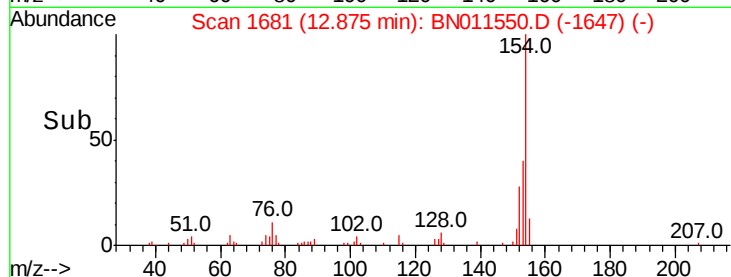
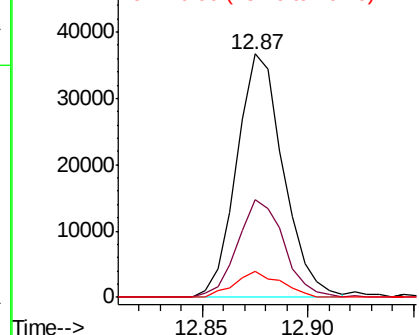
#41
 1,1'-Biphenyl
 Concen: 1.923 ng/ul
 RT: 12.87 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BN011550.D
 Acq: 21 Aug 2020 07:40

Instrument :
 BNA_N
 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

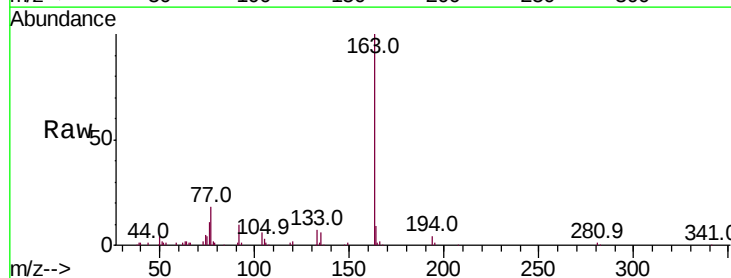


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

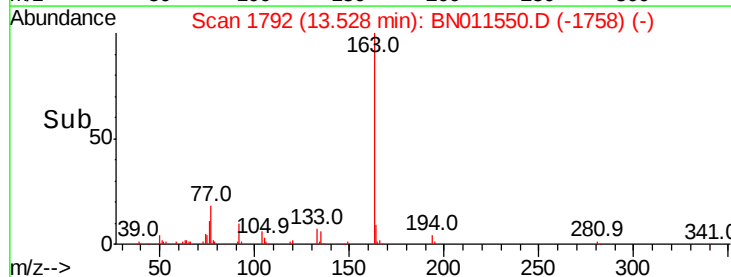
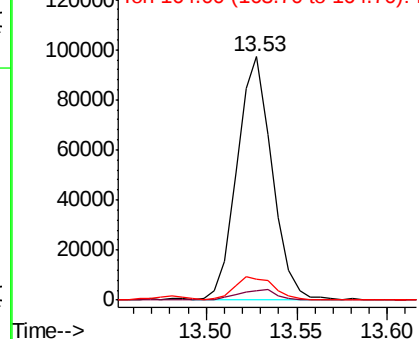


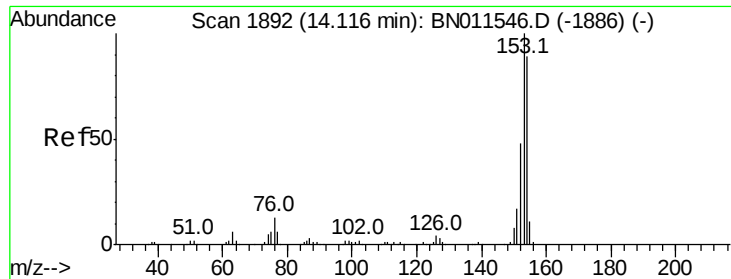
#45
 Dimethylphthalate
 Concen: 4.494 ng/ul
 RT: 13.53 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BN011550.D
 Acq: 21 Aug 2020 07:40

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

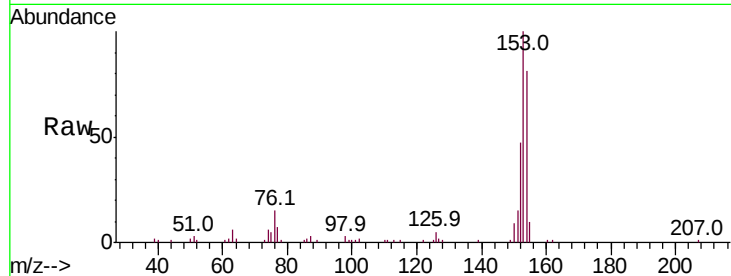
Tot Ion:153 Resp: 78407

Ion Ratio Lower Upper

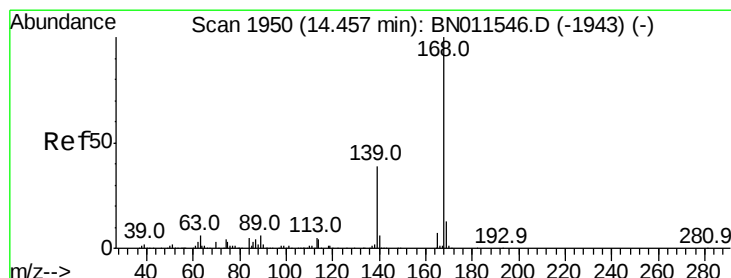
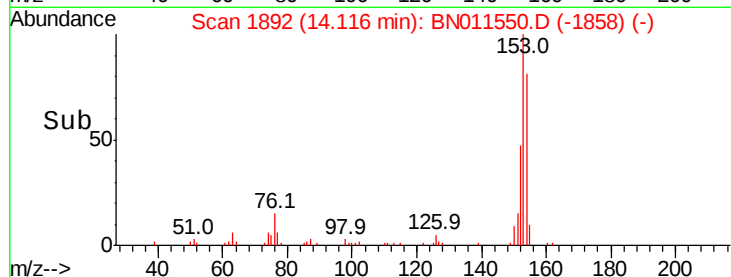
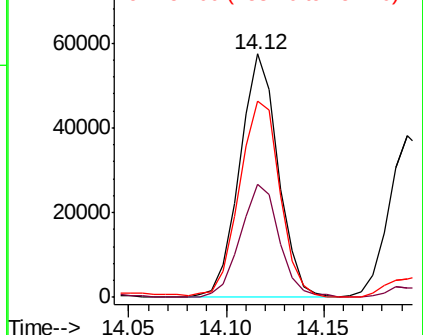
153 100

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

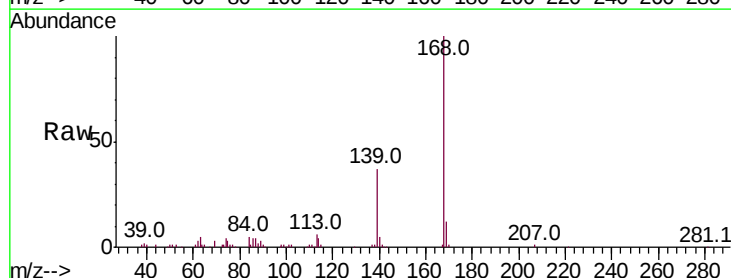
Acq: 21 Aug 2020 07:40

Tgt Ion:168 Resp: 168702

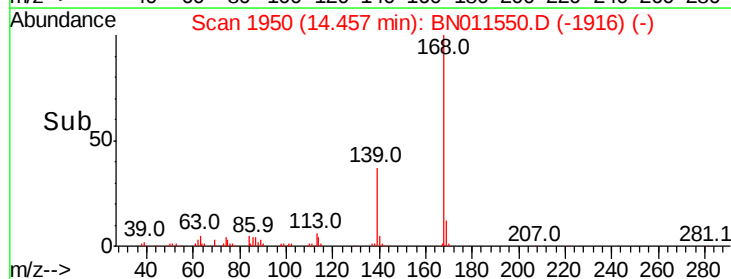
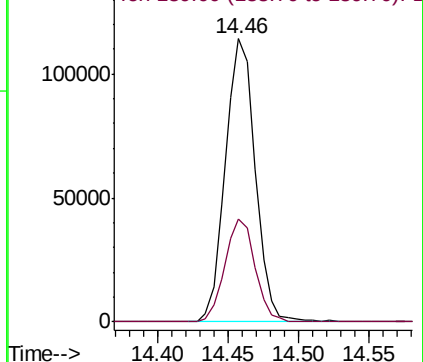
Ion Ratio Lower Upper

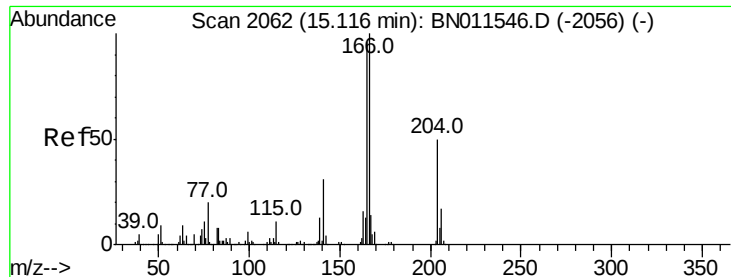
168 100

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

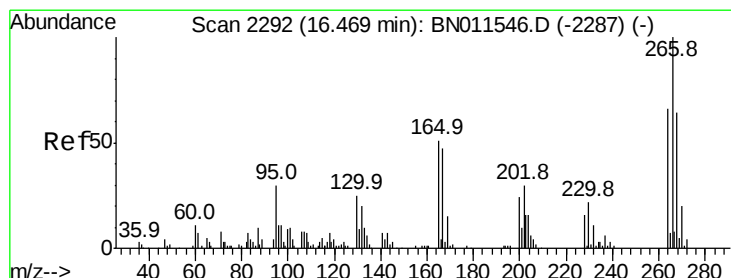
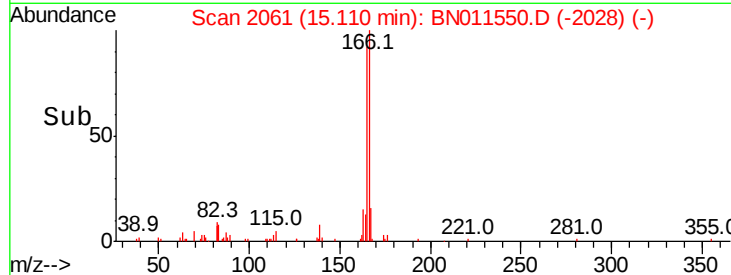
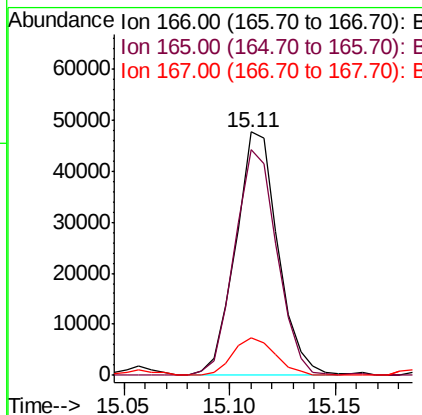
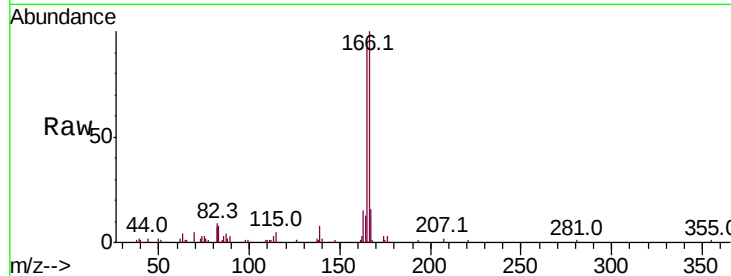




#59
Fluorene
 Concen: 2.291 ng/ul
 RT: 15.11 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BN011550.D
 Acq: 21 Aug 2020 07:40

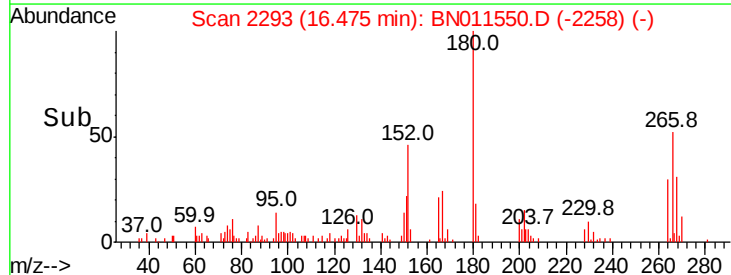
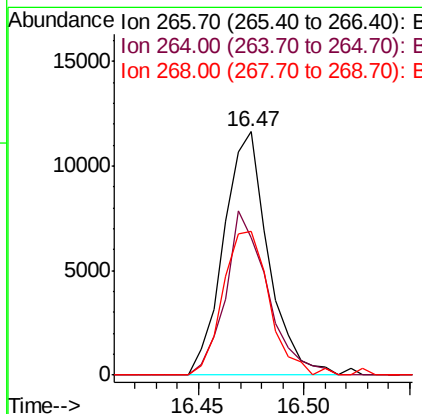
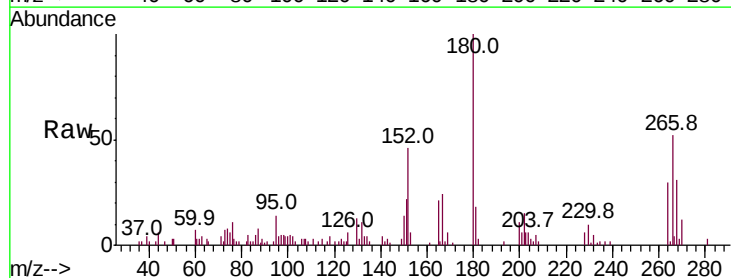
Instrument :
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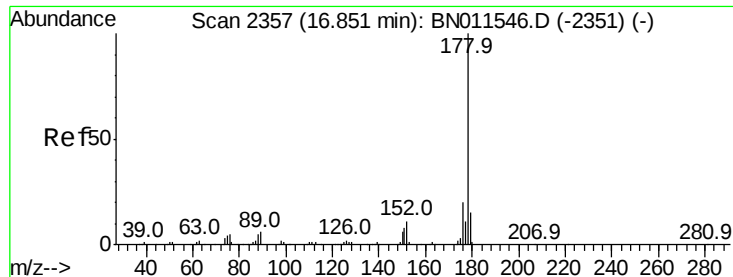
Tot Ion:	166	Resp:	66269
Ion	Ratio	Lower	Upper
166	100		
165	92.4	78.0	117.0
167	15.5	11.9	17.9



#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

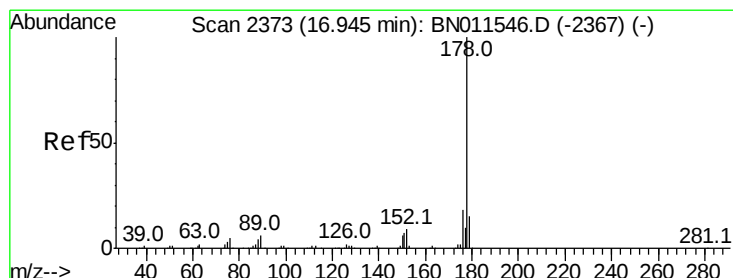
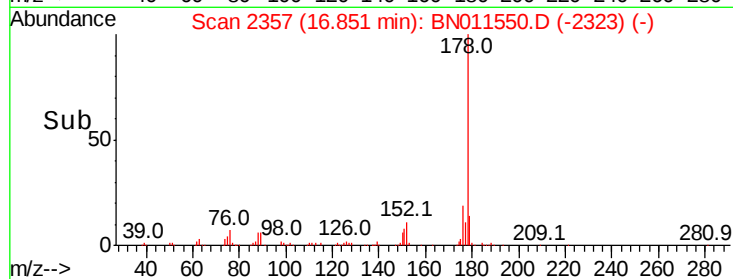
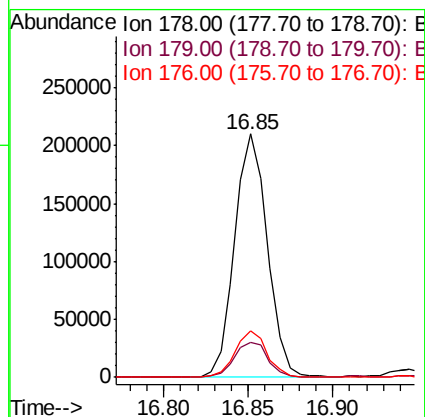
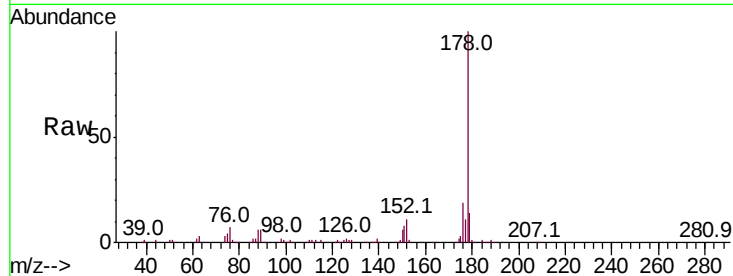




#70
 Phenanthrene
 Concen: 5.277 ng/ul
 RT: 16.85 min Scan# 2357
 Delta R.T. 0.00 min
 Lab File: BN011550.D
 Acq: 21 Aug 2020 07:40

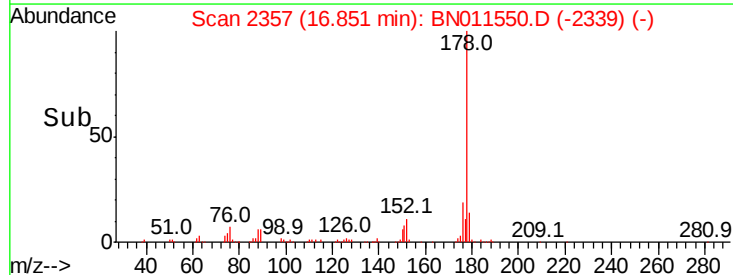
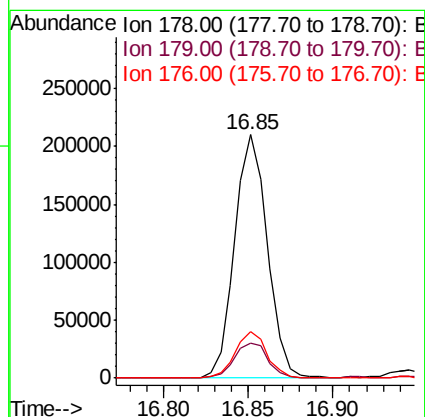
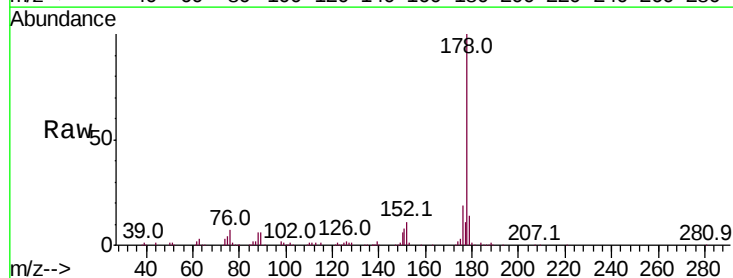
Instrument :
 BNA_N
 ClientSampleId :
 DBFT8

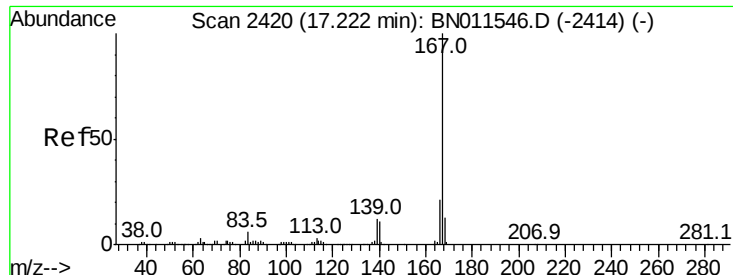
Tot Ion	Ratio	Lower	Upper
178	100		
179	14.4	13.1	19.7
176	19.0	15.7	23.5



#72
 Anthracene
 Concen: 5.210 ng/ul
 RT: 16.85 min Scan# 2357
 Delta R.T. -0.09 min
 Lab File: BN011550.D
 Acq: 21 Aug 2020 07:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.4	13.0	19.4
176	19.0	14.6	21.8





#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

Instrument :

BNA_N

ClientSampleId :

DBFT8

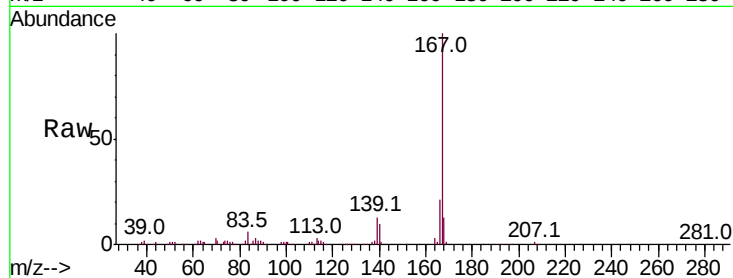
Tot Ion:167 Resp: 191147

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

