

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
 Data File : BN011545.D
 Acq On : 21 Aug 2020 04:02
 Operator : CG/JU
 Sample : L3708-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFT7

Quant Time: Aug 21 04:35:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 21 03:13:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	192488	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	652096	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	415761	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	908229	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	923358	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	857819	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	25083	6.25	ng/uL	0.00
5) Phenol-d5	6.63	99	127429	9.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	188575	27.18	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	270621	22.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	178251	16.13	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	150886	29.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	151052	26.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	255198	23.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	77166	6.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	920614	28.44	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1049739	26.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	42313	7.71	ng/ul	0.00
58) Fluorene-d10	15.06	176	796645	28.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	155982	25.90	ng/ul	0.00
71) Anthracene-d10	16.91	188	1349652	31.11	ng/ul	0.00
79) Pyrene-d10	19.22	212	1536350	32.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1492946	31.34	ng/ul	0.00

Target Compounds

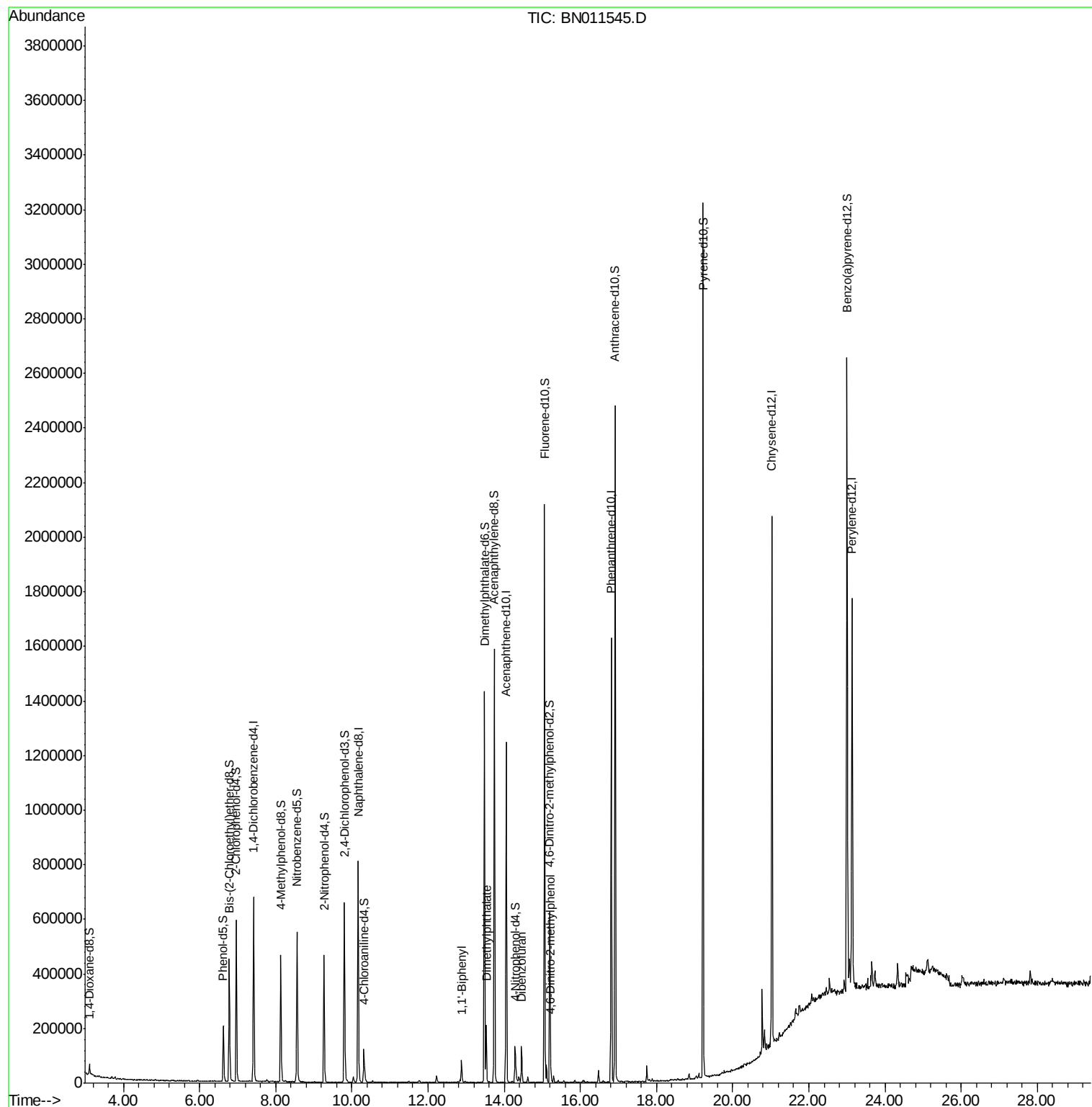
					Ovalue
41) 1,1'-Biphenyl	12.88	154	45378	1.360 ng/ul	97
45) Dimethylphthalate	13.53	163	126081	3.794 ng/ul	98
54) Dibenzofuran	14.46	168	82691	2.019 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.22	198	7159	1.097 ng/ul#	65

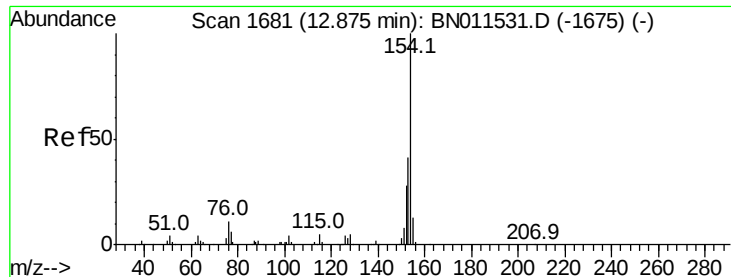
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#41

1,1'-Biphenyl

Concen: 1.360 ng/ul

RT: 12.88 min Scan# 1682

Delta R.T. 0.01 min

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Acq: 21 Aug 2020 04:02

Instrument :

BNA_N

ClientSampleId :

DBFT7

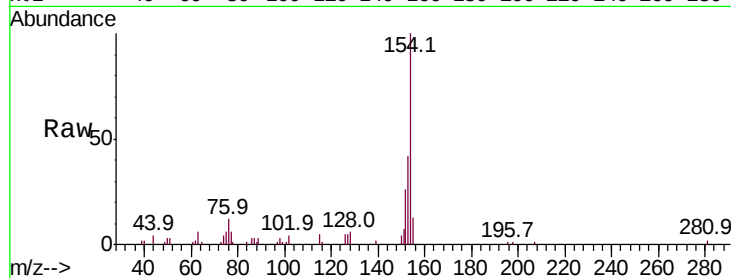
Tot Ion:154 Resp: 45378

Ion Ratio Lower Upper

154 100

153 42.1 32.3 48.5

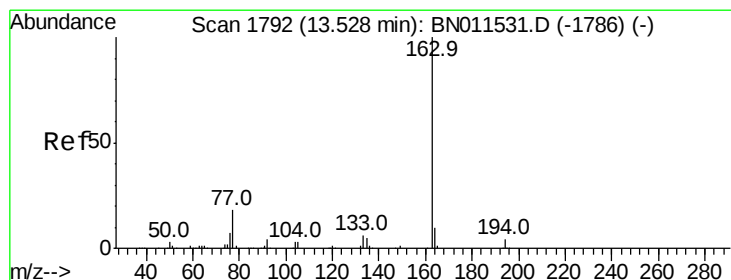
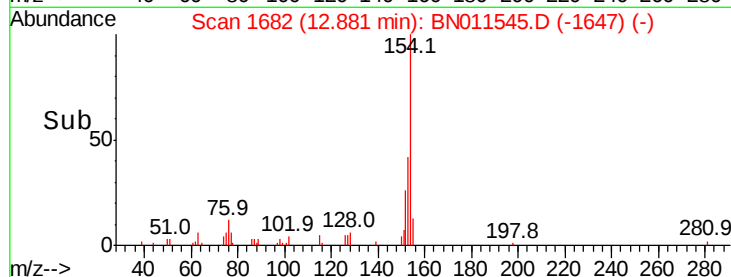
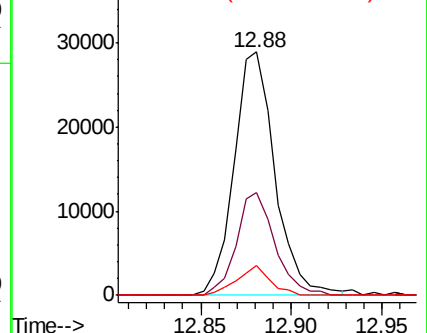
76 12.2 8.5 12.7



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): BNO



#45

Dimethylphthalate

Concen: 3.794 ng/ul

RT: 13.53 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BN011545.D

Acq: 21 Aug 2020 04:02

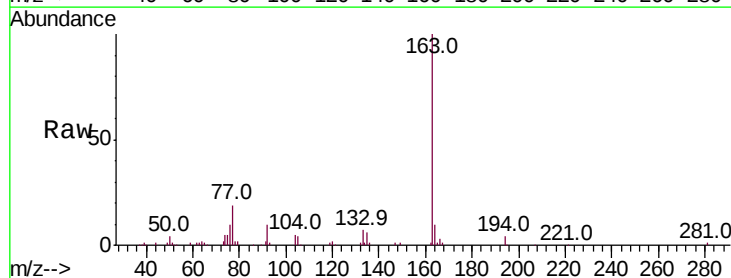
Tgt Ion:163 Resp: 126081

Ion Ratio Lower Upper

163 100

194 3.8 3.8 5.6

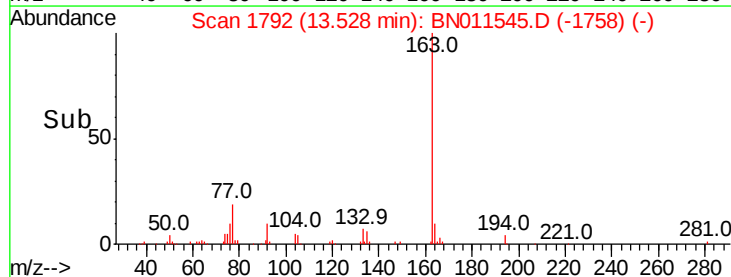
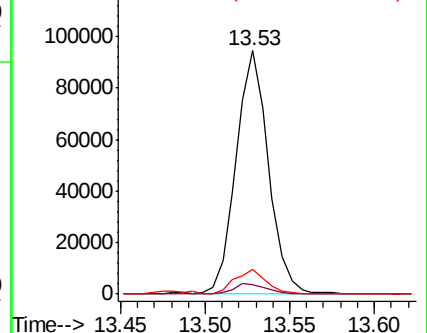
164 10.2 8.7 13.1

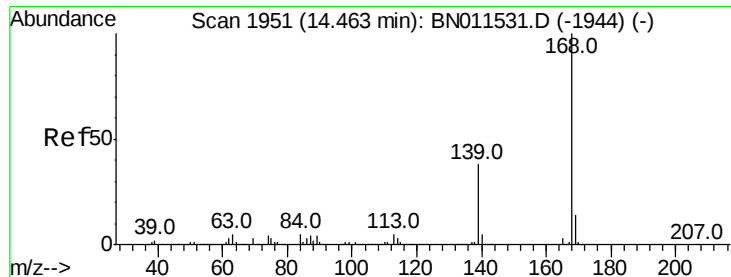


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#54

Dibenzofuran

Concen: 2.019 ng/ul

RT: 14.46 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BN011545.D

Acq: 21 Aug 2020 04:02

Instrument :

BNA_N

ClientSampleId :

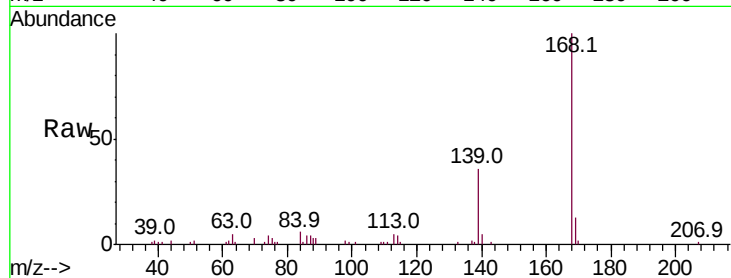
DBFT7

Tot Ion:168 Resp: 82691

Ion Ratio Lower Upper

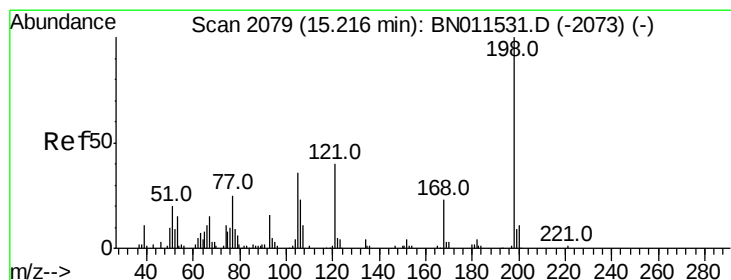
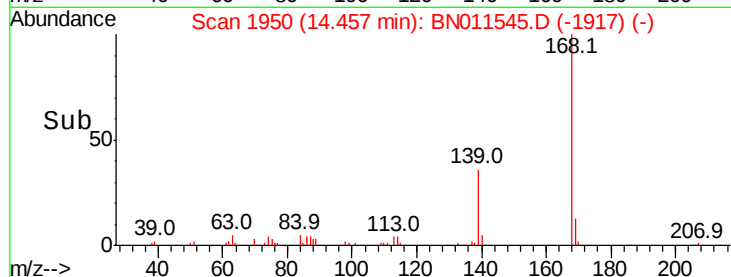
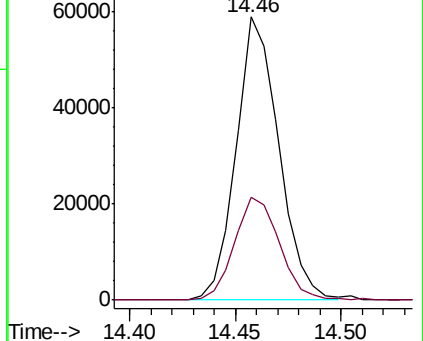
168 100

139 36.3 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 1.097 ng/ul

RT: 15.22 min Scan# 2080

Delta R.T. 0.01 min

Lab File: BN011545.D

Acq: 21 Aug 2020 04:02

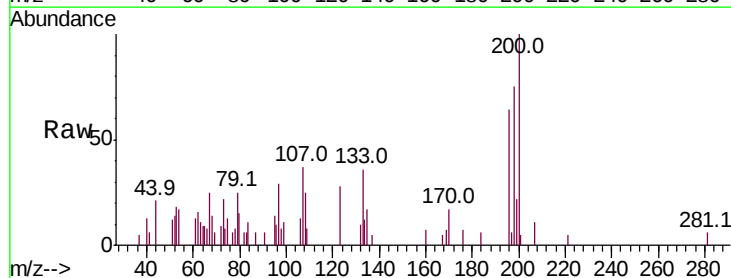
Tgt Ion:198 Resp: 7159

Ion Ratio Lower Upper

198 100

182 0.0 4.5 6.7#

77 7.6 22.2 33.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNC

