

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011491.D
 Acq On : 18 Aug 2020 19:07
 Operator : CG/JU
 Sample : L3668-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFS9

Quant Time: Aug 19 02:21:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 19 02:19:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	143927	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	550263	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	344309	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	769073	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	857100	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	883187	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	16733	5.58	ng/uL	0.00
5) Phenol-d5	6.64	99	66902	6.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	159367	30.72	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	218359	23.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	130748	15.82	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	125314	29.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	142718	29.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	246234	27.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	14612	1.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	914067	34.10	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	989054	30.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	31523	6.94	ng/ul	0.02
58) Fluorene-d10	15.07	176	782949	33.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	193952	38.03	ng/ul	0.00
71) Anthracene-d10	16.92	188	1307196	35.58	ng/ul	0.00
79) Pyrene-d10	19.23	212	1572927	35.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	1794405	36.58	ng/ul	0.00

Target Compounds

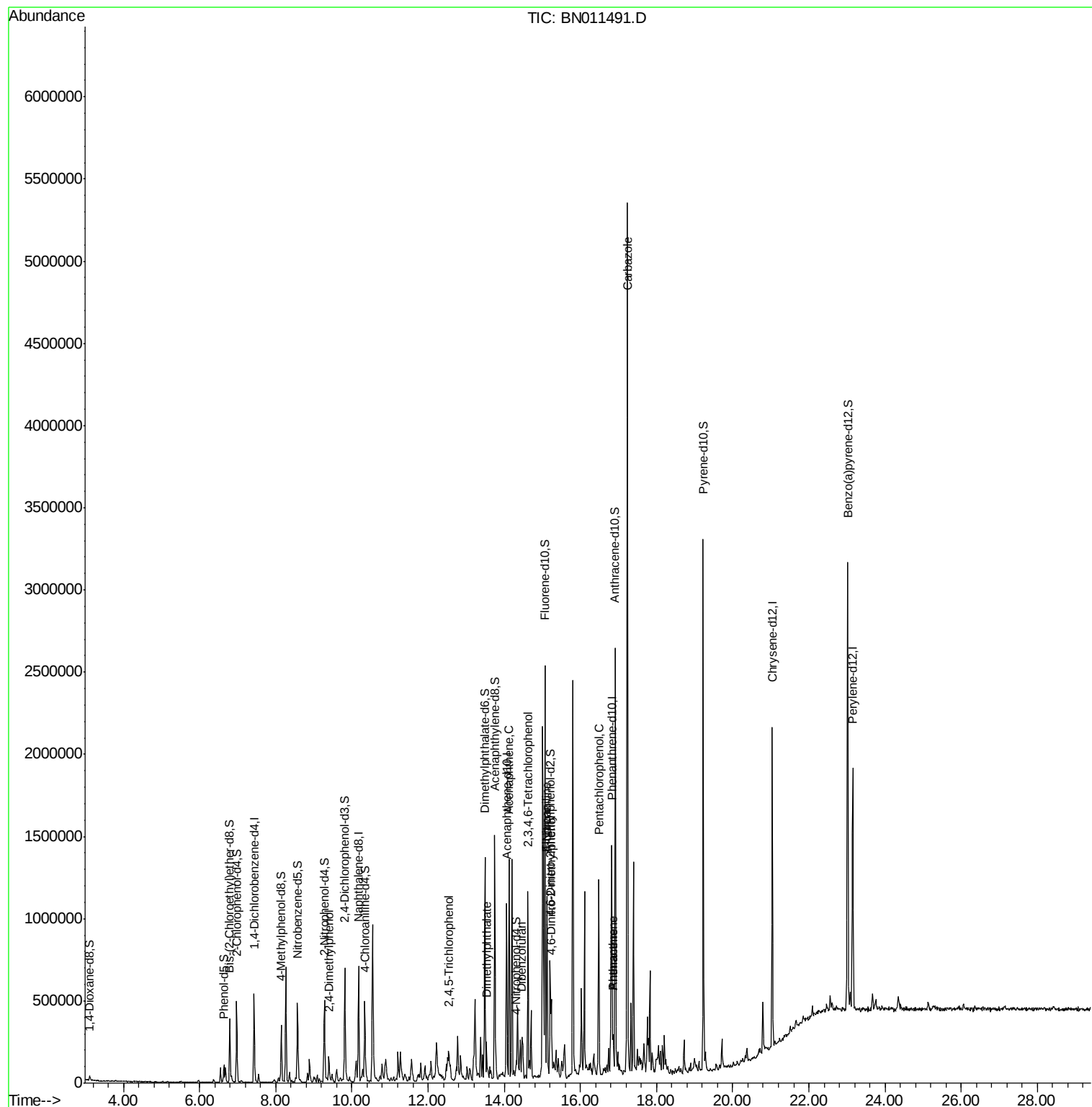
					Ovalue	
24) 2,4-Dimethylphenol	9.39	107	18095	1.790	ng/ul#	60
40) 2,4,5-Trichlorophenol	12.55	196	25484	3.327	ng/ul	96
45) Dimethylphthalate	13.54	163	130998	4.760	ng/ul	99
50) Acenaphthene	14.13	153	505446	21.607	ng/ul	96
54) Dibenzofuran	14.47	168	133423	3.933	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.62	232	228485	35.732	ng/ul	92
59) Fluorene	15.12	166	462174	16.902	ng/ul	95
61) 4-Nitroaniline	15.12	138	6385	1.265	ng/ul#	21
64) 4,6-Dinitro-2-methylphenol	15.23	198	96880	17.527	ng/ul#	57
69) Pentachlorophenol	16.48	266	157595	28.235	ng/ul#	81
70) Phenanthrene	16.86	178	113153	2.481	ng/ul	98
72) Anthracene	16.86	178	113153	2.449	ng/ul	96
75) Carbazole	17.23	167	3289249	84.655	ng/ul	100

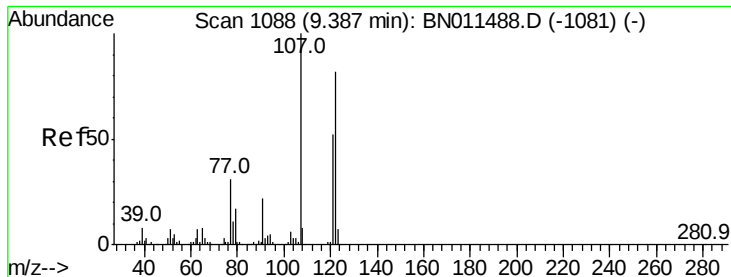
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#24

2,4-Dimethylphenol

Concen: 1.790 ng/ul

RT: 9.39 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BN011491.D

Acq: 18 Aug 2020 19:07

Instrument :

BNA_N

ClientSampleId :

DBFS9

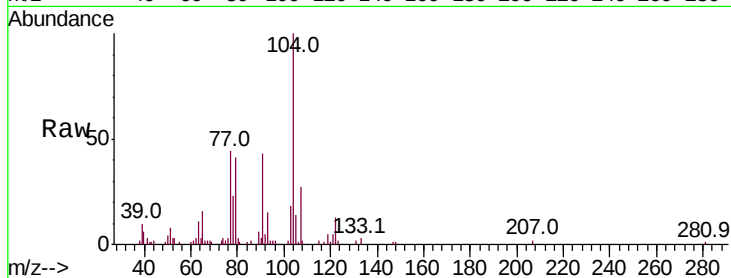
Tot Ion:107 Resp: 18095

Ion Ratio Lower Upper

107 100

121 17.1 40.4 60.6#

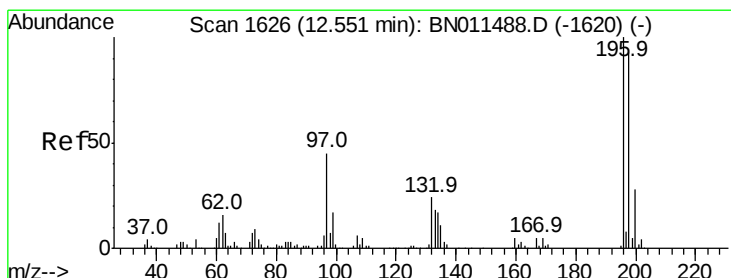
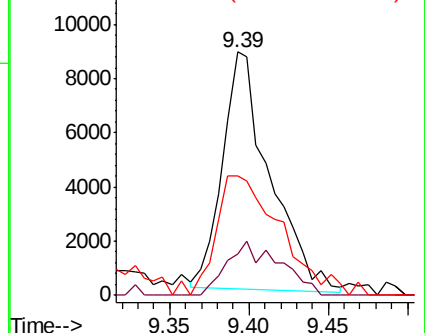
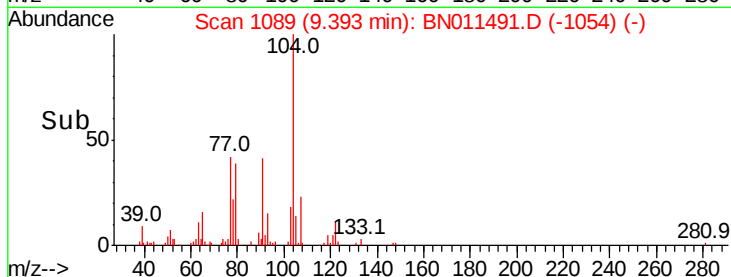
122 49.0 63.0 94.4#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#40

2,4,5-Trichlorophenol

Concen: 3.327 ng/ul

RT: 12.55 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BN011491.D

Acq: 18 Aug 2020 19:07

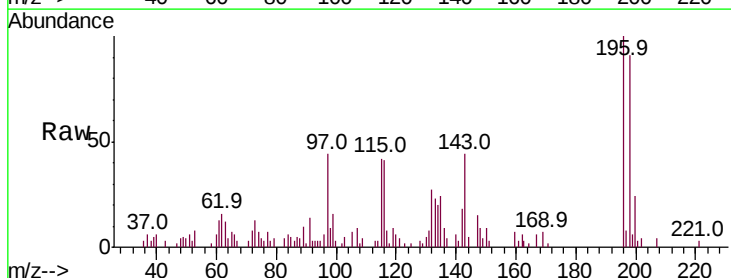
Tgt Ion:196 Resp: 25484

Ion Ratio Lower Upper

196 100

198 91.3 74.3 111.5

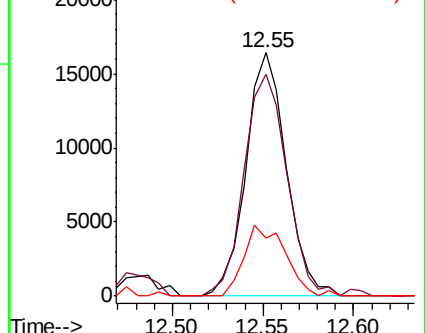
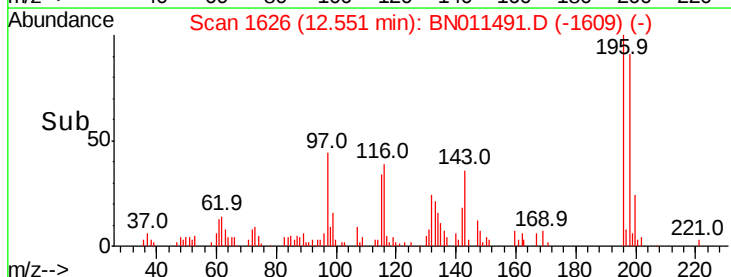
200 24.0 23.8 35.6

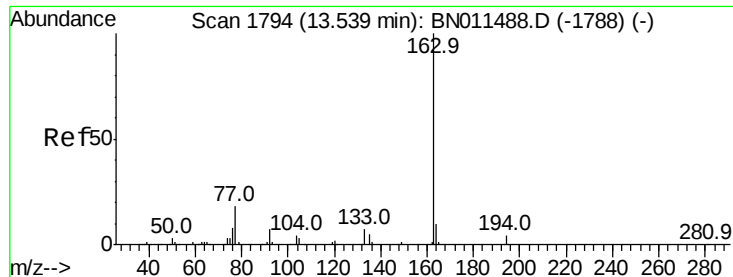


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

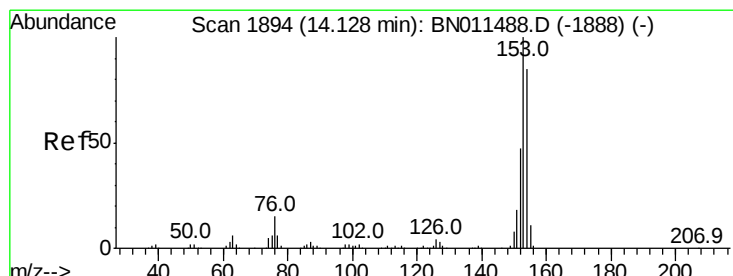
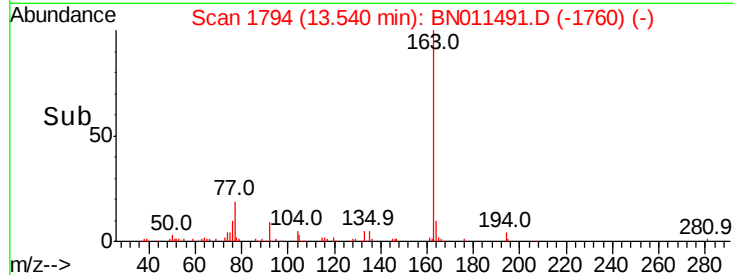
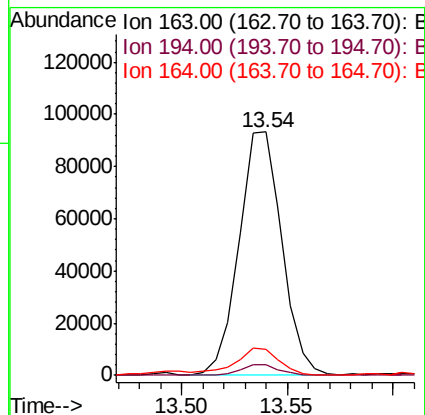
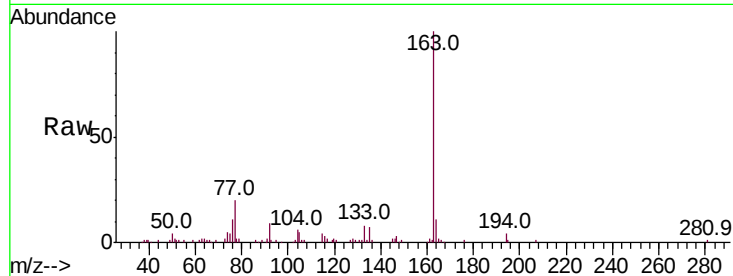




#45
Dimethylphthalate
Concen: 4.760 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BN011491.D
Acq: 18 Aug 2020 19:07

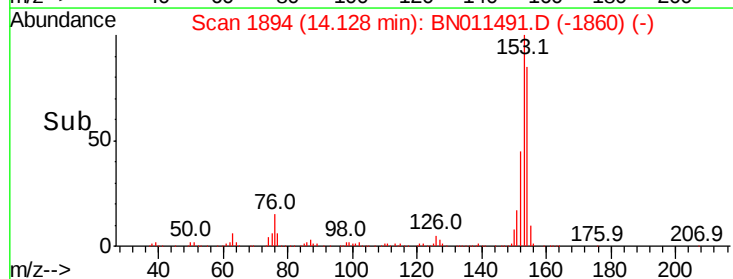
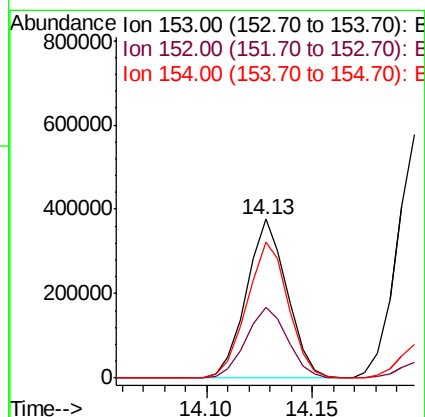
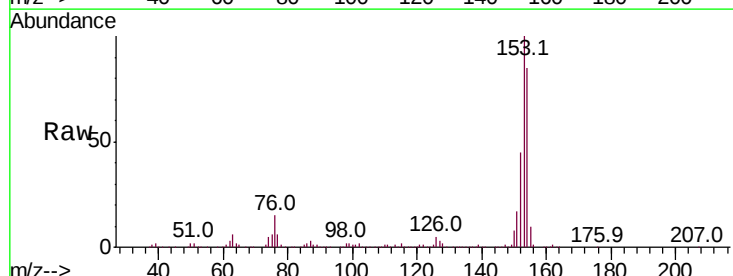
Instrument :
BNA_N
ClientSampleId :
DBFS9

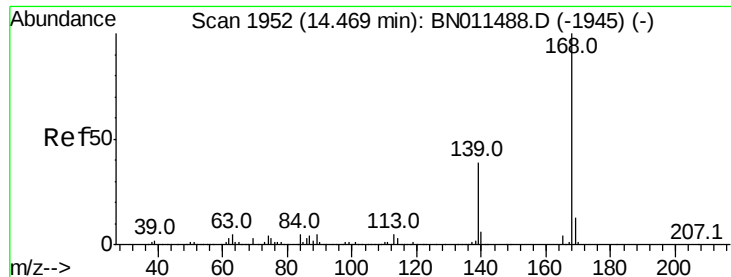
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.8	5.6
164	10.6	8.7	13.1



#50
Acenaphthene
Concen: 21.607 ng/ul
RT: 14.13 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BN011491.D
Acq: 18 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.8	37.6	56.4
154	85.4	72.0	108.0





#54

Dibenzenofuran

Concen: 3.933 ng/ul

RT: 14.47 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BN011491.D

Acq: 18 Aug 2020 19:07

Instrument :

BNA_N

ClientSampled :

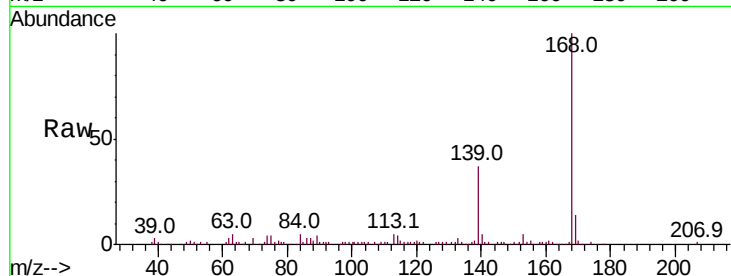
DBFS9

Tot Ion:168 Resp: 133423

Ion Ratio Lower Upper

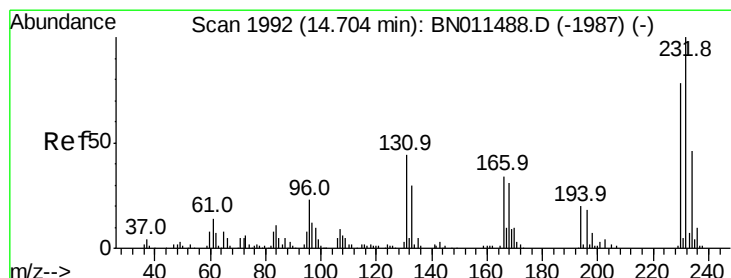
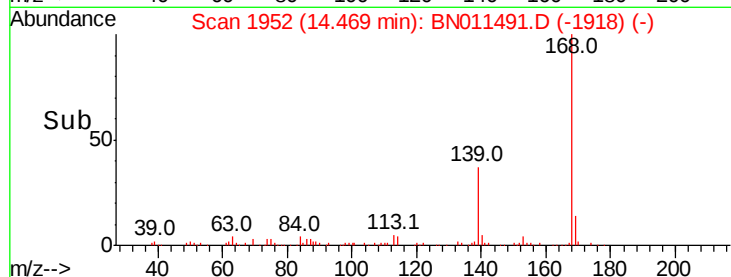
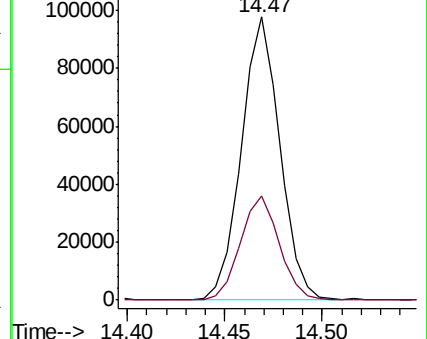
168 100

139 37.0 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#56

2,3,4,6-Tetrachlorophenol

Concen: 35.732 ng/ul

RT: 14.62 min Scan# 1978

Delta R.T. -0.08 min

Lab File: BN011491.D

Acq: 18 Aug 2020 19:07

Tgt Ion:232 Resp: 228485

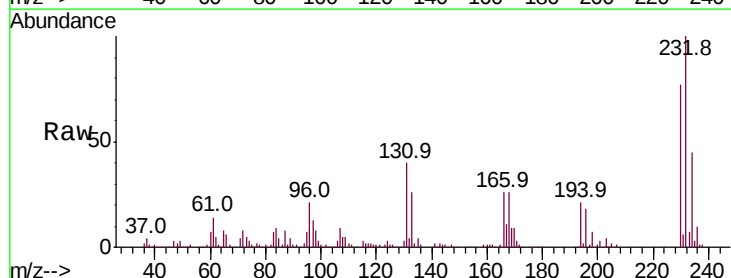
Ion Ratio Lower Upper

232 100

131 39.8 35.8 53.6

130 2.9 2.2 3.2

166 25.5 24.1 36.1

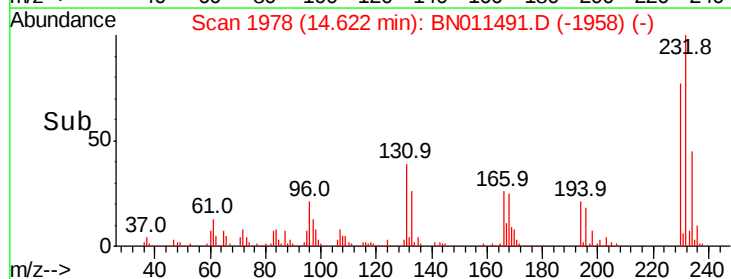
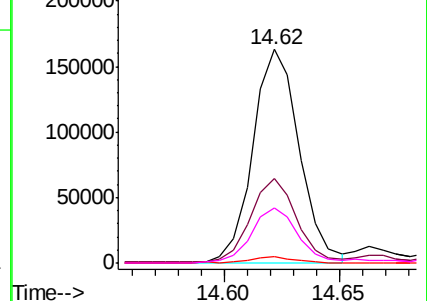


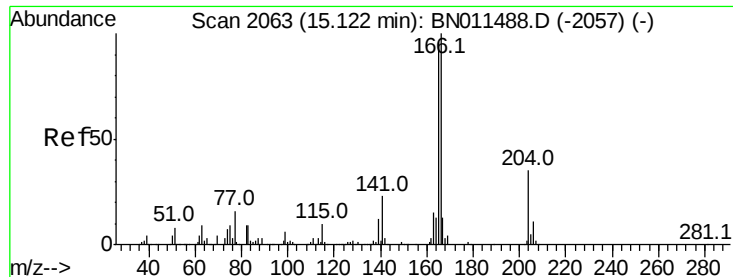
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Fluorene

Concen: 16.902 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BN011491.D

Acq: 18 Aug 2020 19:07

Instrument :

BNA_N

ClientSampleId :

DBFS9

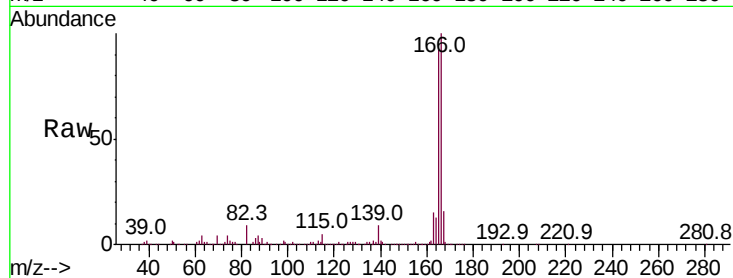
Tot Ion:166 Resp: 462174

Ion Ratio Lower Upper

166 100

165 91.9 78.0 117.0

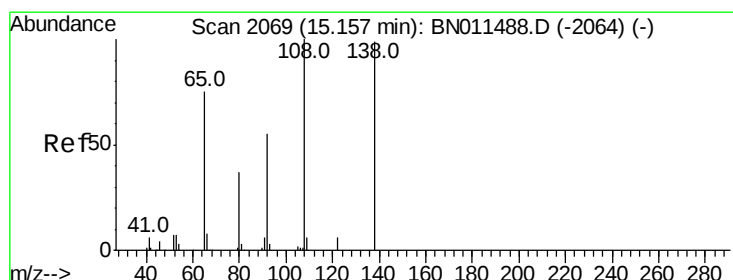
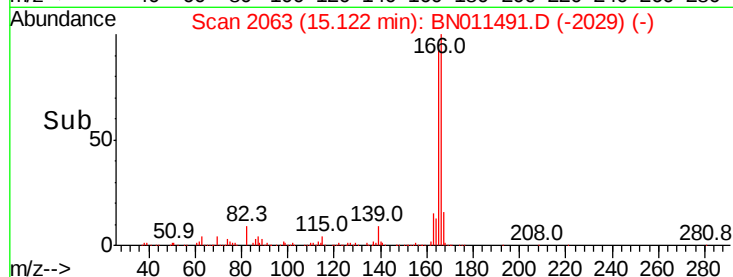
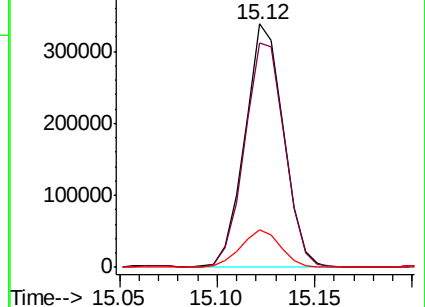
167 15.6 11.9 17.9



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



#61

4-Nitroaniline

Concen: 1.265 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. -0.04 min

Lab File: BN011491.D

Acq: 18 Aug 2020 19:07

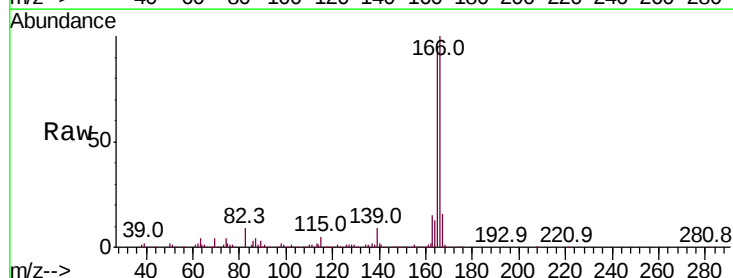
Tgt Ion:138 Resp: 6385

Ion Ratio Lower Upper

138 100

92 10.0 45.2 67.8#

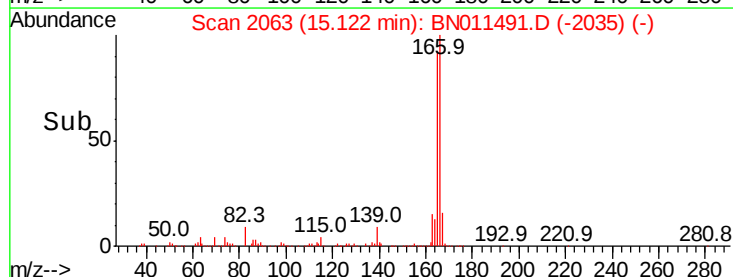
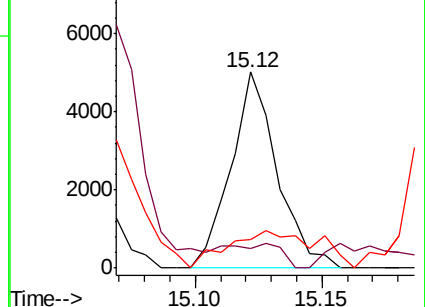
108 14.8 83.5 125.3#

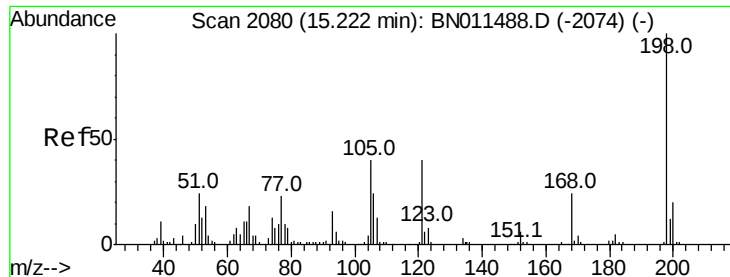


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BNC

Ion 108.00 (107.70 to 108.70): E





#64

4,6-Dinitro-2-methylphenol

Concen: 17.527 ng/ul

RT: 15.23 min Scan# 2082

Delta R.T. 0.01 min

Lab File: BN011491.D

Acq: 18 Aug 2020 19:07

Instrument :

BNA_N

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DBFS9

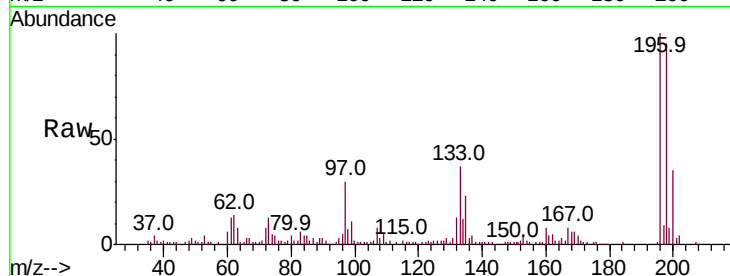
Tot Ion:198 Resp: 96880

Ion Ratio Lower Upper

198 100

182 0.0 4.5 6.7#

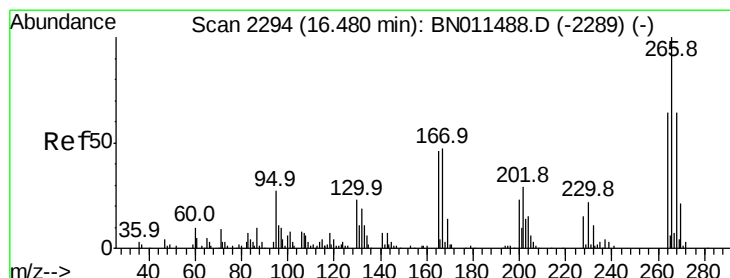
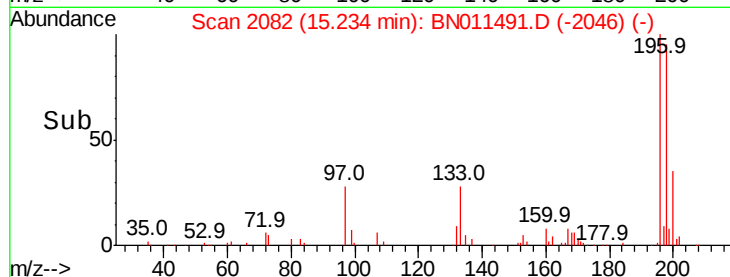
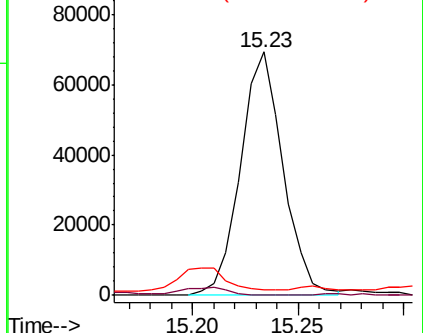
77 2.3 22.2 33.4#



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



#69

Pentachlorophenol

Concen: 28.235 ng/ul

RT: 16.48 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BN011491.D

Acq: 18 Aug 2020 19:07

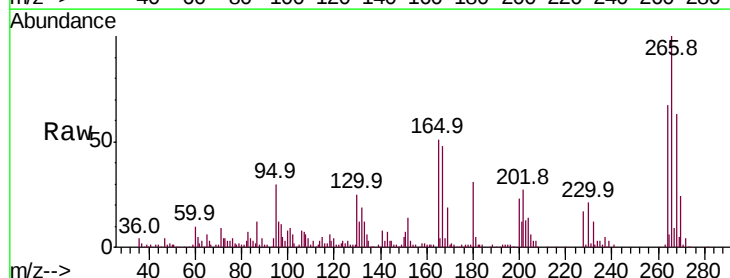
Tgt Ion:266 Resp: 157595

Ion Ratio Lower Upper

266 100

264 67.4 67.9 101.9#

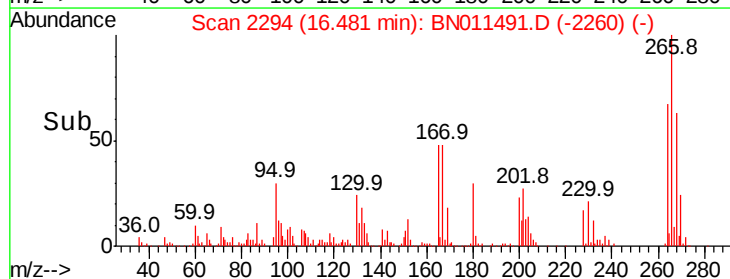
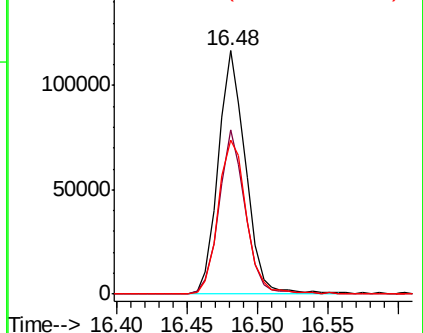
268 63.0 63.4 95.2#

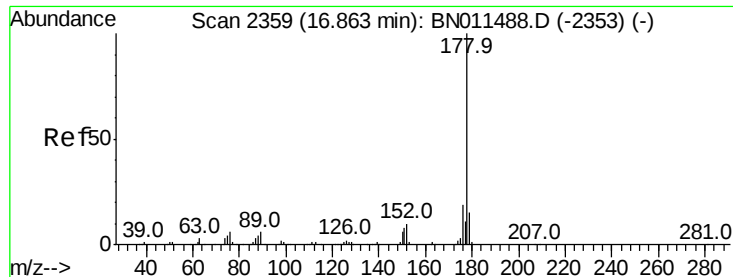


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 2.481 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. 0.00 min

Lab File: BN011491.D

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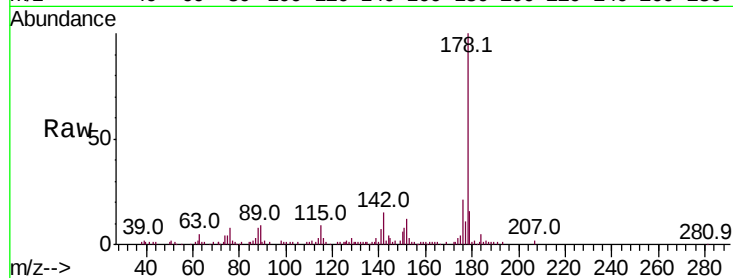
Tot Ion:178 Resp: 113153

Ion Ratio Lower Upper

178 100

179 16.0 13.1 19.7

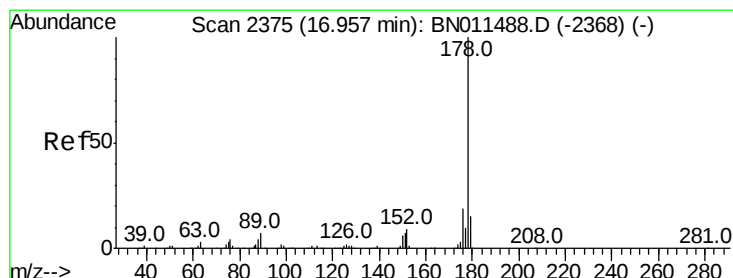
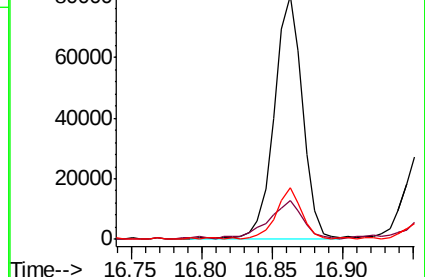
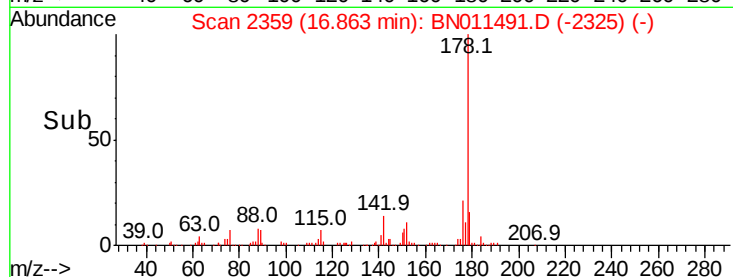
176 21.0 15.7 23.5



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



#72

Anthracene

Concen: 2.449 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. -0.09 min

Lab File: BN011491.D

Acq: 18 Aug 2020 19:07

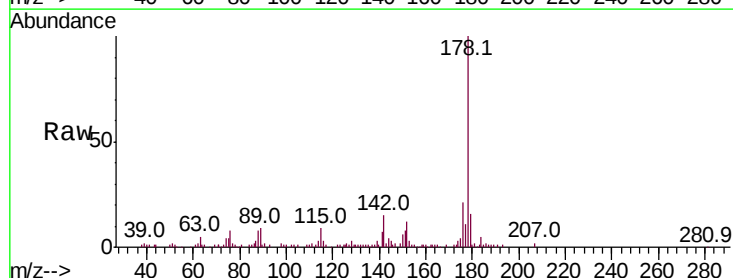
Tgt Ion:178 Resp: 113153

Ion Ratio Lower Upper

178 100

179 16.0 13.0 19.4

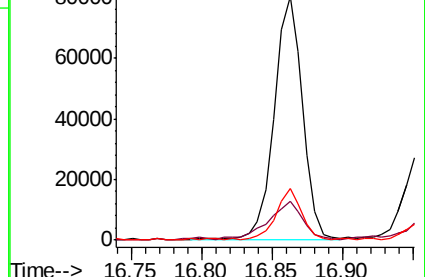
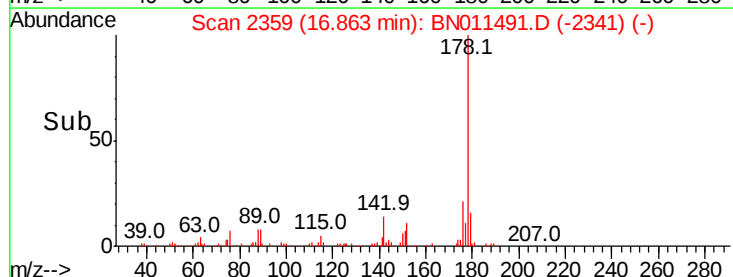
176 21.0 14.6 21.8

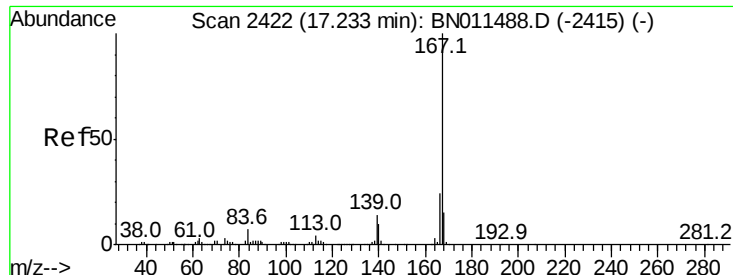


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 84.655 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BN011491.D

Acq: 18 Aug 2020 19:07

Instrument :

BNA_N

ClientSampleId :

DBFS9

Tot Ion:167 Resp: 3289249

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 12.8 10.2 15.2

