

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011496.D
 Acq On : 18 Aug 2020 22:06
 Operator : CG/JU
 Sample : L3668-07DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFT1DL

Quant Time: Aug 19 02:21:53 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	164839	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	660660	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	364762	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	803672	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	922252	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	828210	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	3029	0.88	ng/uL	0.00
5) Phenol-d5	6.64	99	11194	0.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	30813	5.19	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	46009	4.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	26987	2.85	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	24497	4.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	25493	4.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	50478	4.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	3993	0.31	ng/ul	0.01
44) Dimethylphthalate-d6	13.49	166	185112	6.52	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	204006	5.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	1815	0.38	ng/ul	0.02
58) Fluorene-d10	15.07	176	176950	7.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	22654	4.25	ng/ul	0.00
71) Anthracene-d10	16.92	188	262579	6.84	ng/ul	0.00
79) Pyrene-d10	19.23	212	298479	6.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	298161	6.48	ng/ul	0.00

Target Compounds

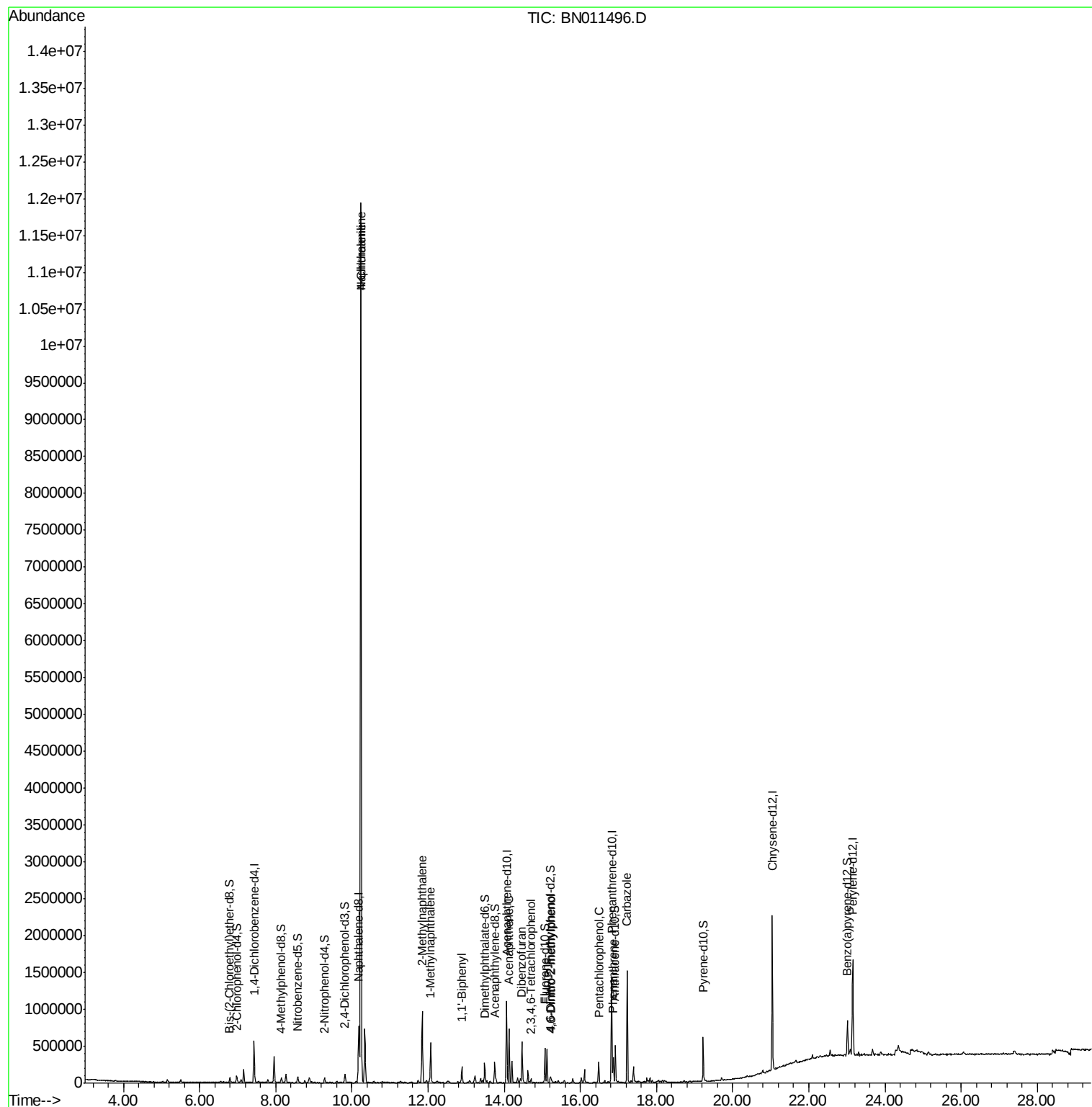
					Ovalue	
28) Naphthalene	10.23	128	9487590	257.329	ng/ul	99
30) 4-Chloroaniline	10.23	127	1269922	97.546	ng/ul#	10
34) 2-Methylnaphthalene	11.85	142	460275	18.212	ng/ul	97
35) 1-Methylnaphthalene	12.07	142	248071	10.013	ng/uL	97
41) 1,1'-Biphenyl	12.89	154	116780	3.989	ng/ul	97
50) Acenaphthene	14.13	153	284798	11.492	ng/ul	96
54) Dibenzofuran	14.47	168	351873	9.790	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.70	232	11652	1.720	ng/ul#	90
59) Fluorene	15.12	166	187487	6.472	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.23	198	11561	2.002	ng/ul#	53
69) Pentachlorophenol	16.48	266	26990	4.627	ng/ul#	75
70) Phenanthrene	16.86	178	195870	4.109	ng/ul	97
75) Carbazole	17.23	167	948728	23.366	ng/ul	99

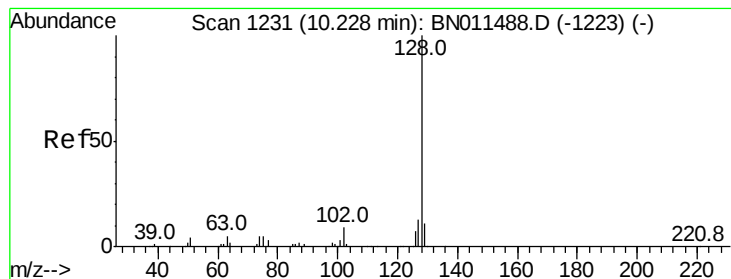
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 19 02:19:14 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 257.329 ng/ul

RT: 10.23 min Scan# 1232

Delta R.T. 0.01 min

Lab File: BN011496.D

Acq: 18 Aug 2020 22:06

Instrument :

BNA_N

ClientSampleId :

DBFT1DL

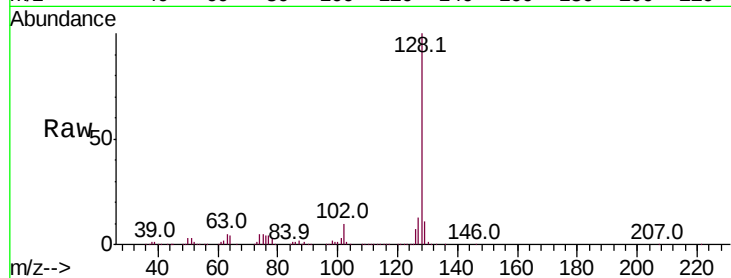
Tot Ion:128 Resp: 9487590

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

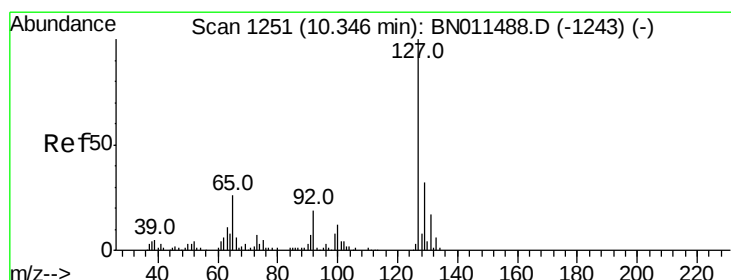
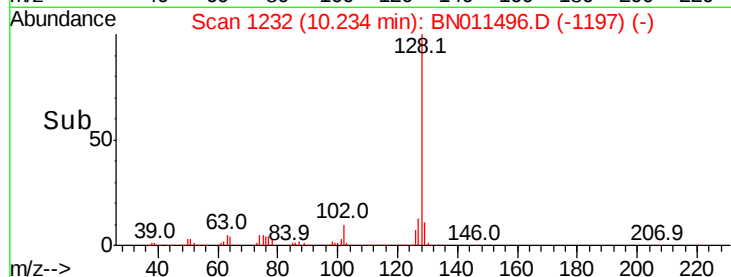
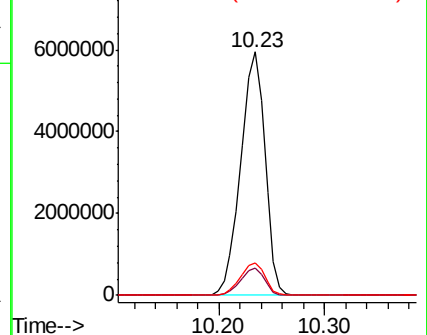
127 13.2 10.2 15.2



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: 97.546 ng/ul

RT: 10.23 min Scan# 1232

Delta R.T. -0.11 min

Lab File: BN011496.D

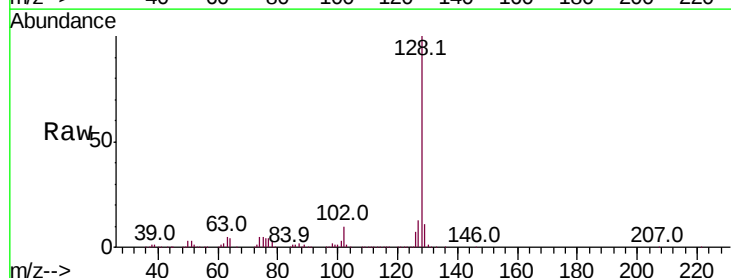
Acq: 18 Aug 2020 22:06

Tgt Ion:127 Resp: 1269922

Ion Ratio Lower Upper

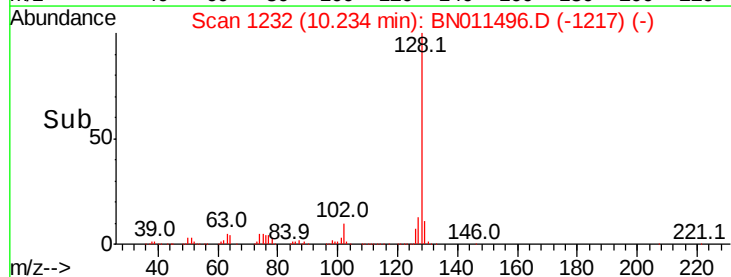
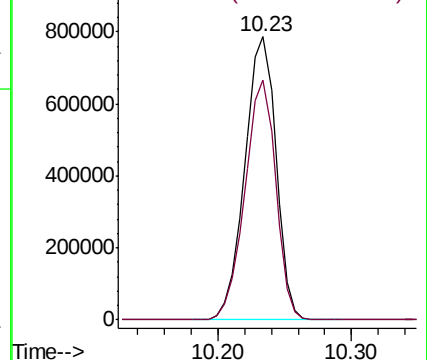
127 100

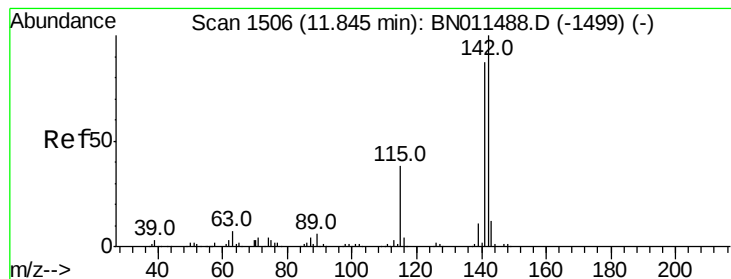
129 84.7 26.9 40.3#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 18.212 ng/ul

RT: 11.85 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BN011496.D

Acq: 18 Aug 2020 22:06

Instrument :

BNA_N

ClientSampleId :

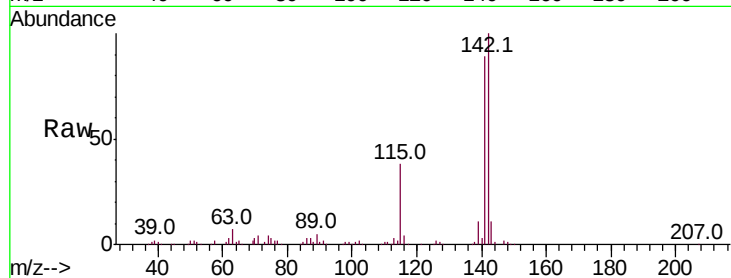
DBFT1DL

Tot Ion:142 Resp: 460275

Ion Ratio Lower Upper

142 100

141 88.9 73.2 109.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.85

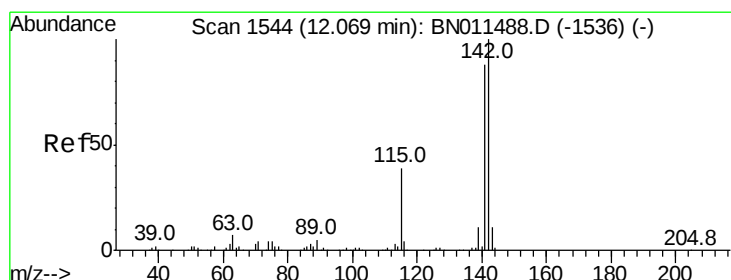
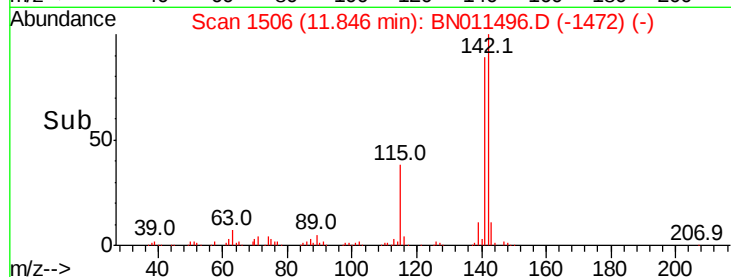
300000

200000

100000

0

Time-->



#35

1-Methylnaphthalene

Concen: 10.013 ng/uL

RT: 12.07 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BN011496.D

Acq: 18 Aug 2020 22:06

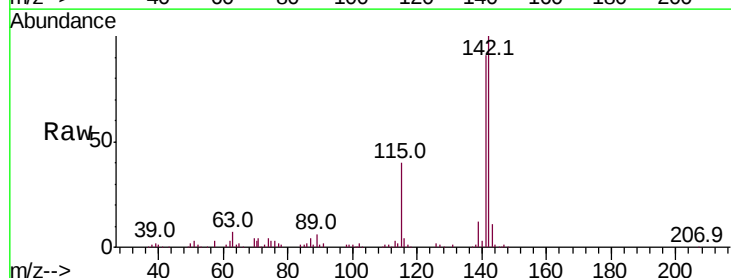
Tgt Ion:142 Resp: 248071

Ion Ratio Lower Upper

142 100

141 90.7 75.0 112.4

116 4.4 3.4 5.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12.07

200000

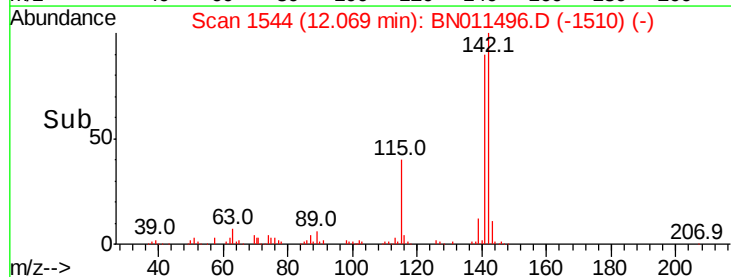
150000

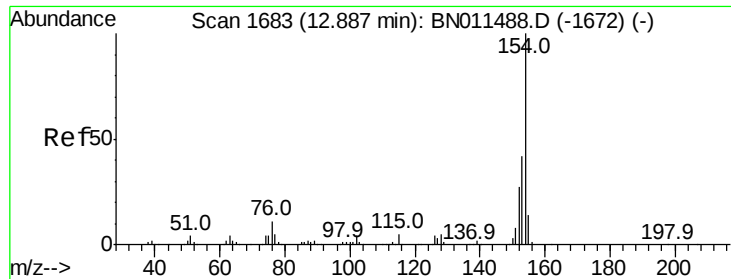
100000

50000

0

Time-->

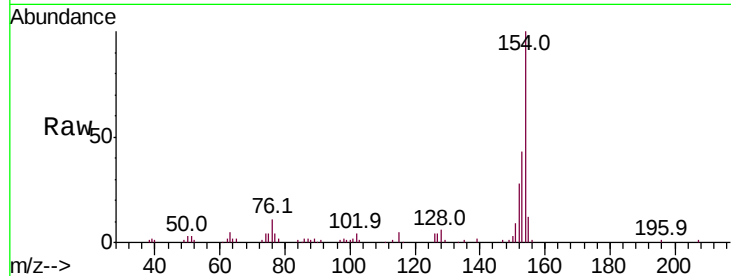




#41
 1,1'-Biphenyl
 Concen: 3.989 ng/ul
 RT: 12.89 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BN011496.D
 Acq: 18 Aug 2020 22:06

Instrument :
 BNA_N
 ClientSampleId :
 DBFT1DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.9	32.3	48.5
76	11.0	8.5	12.7

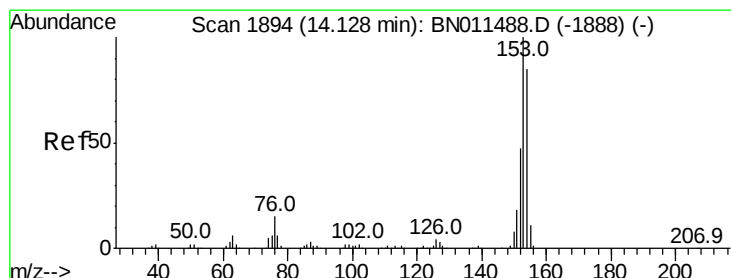
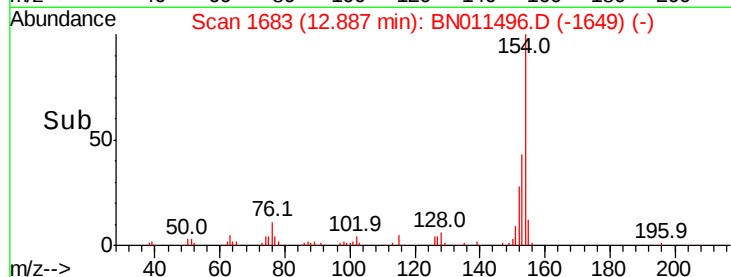
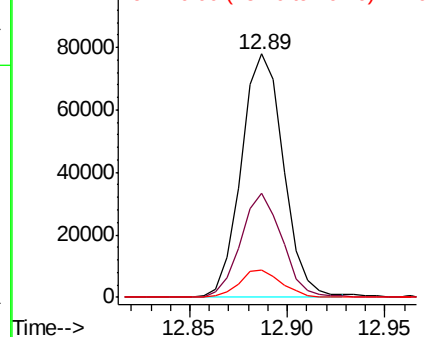


Abundance

Ion 154.00 (153.70 to 154.70): E

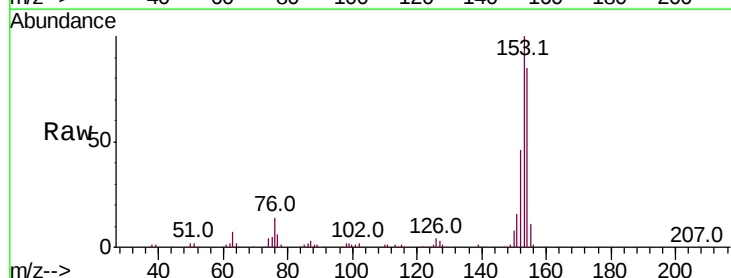
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#50
 Acenaphthene
 Concen: 11.492 ng/ul
 RT: 14.13 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BN011496.D
 Acq: 18 Aug 2020 22:06

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.5	37.6	56.4
154	85.0	72.0	108.0

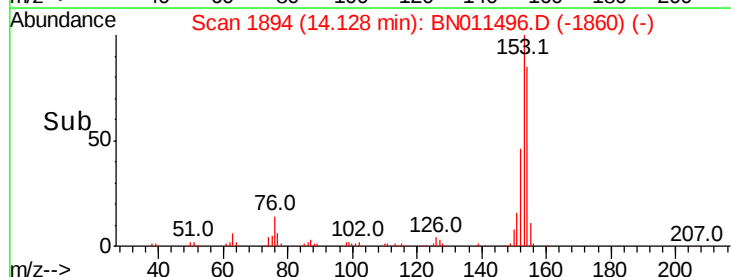
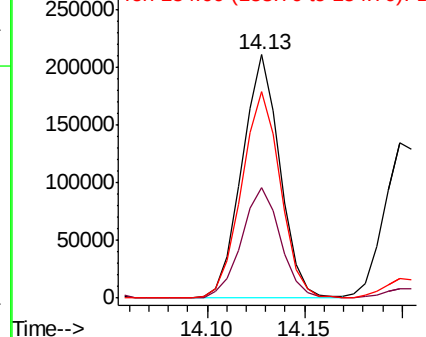


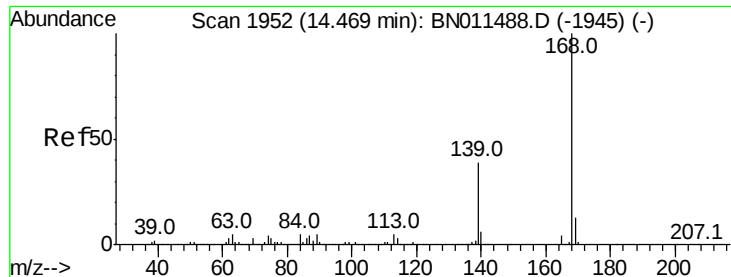
Abundance

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

Dibenzenofuran

Concen: 9.790 ng/ul

RT: 14.47 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BN011496.D

Acq: 18 Aug 2020 22:06

Instrument :

BNA_N

ClientSampleId :

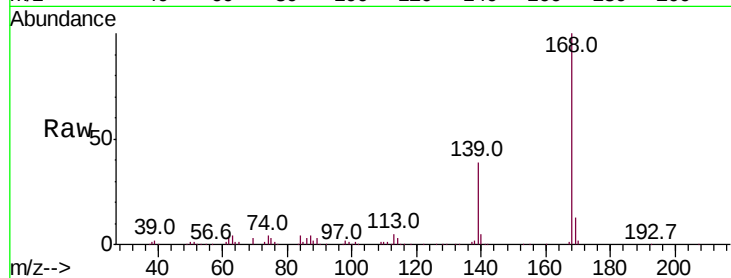
DBFT1DL

Tot Ion:168 Resp: 351873

Ion Ratio Lower Upper

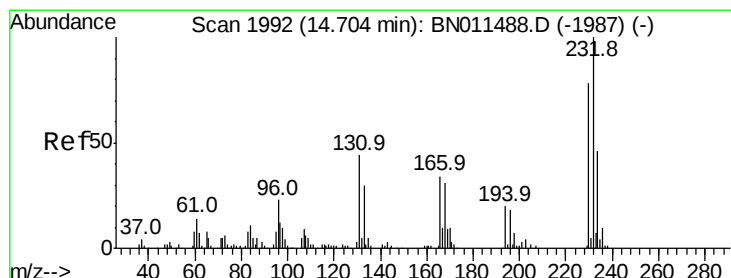
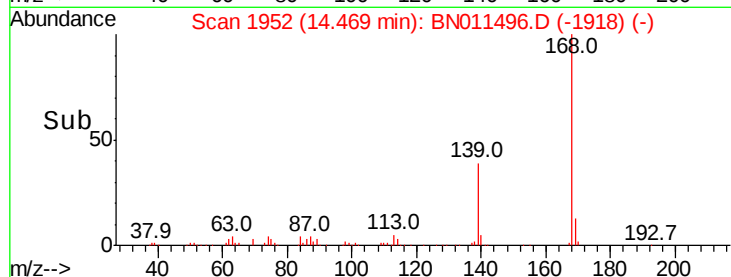
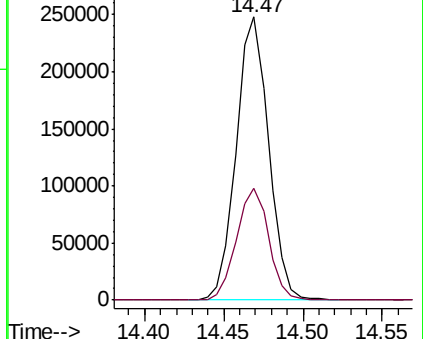
168 100

139 39.5 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: 1.720 ng/ul

RT: 14.70 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BN011496.D

Acq: 18 Aug 2020 22:06

Tgt Ion:232 Resp: 11652

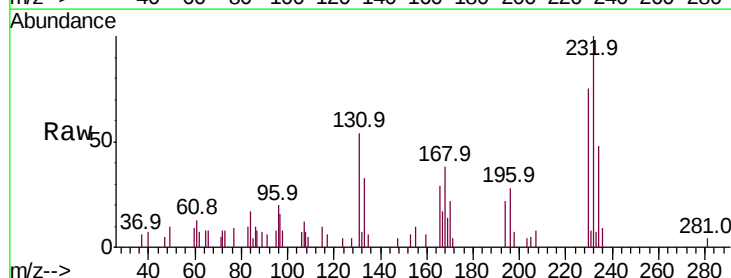
Ion Ratio Lower Upper

232 100

131 54.2 35.8 53.6#

130 0.0 2.2 3.2#

166 28.7 24.1 36.1

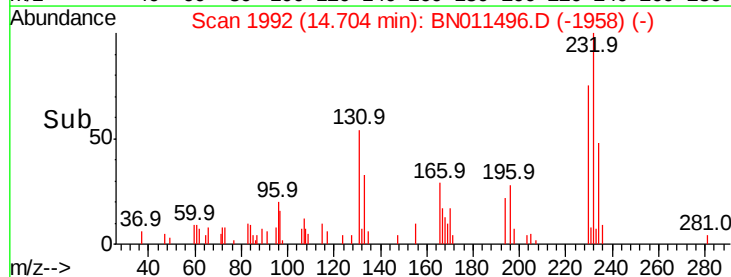
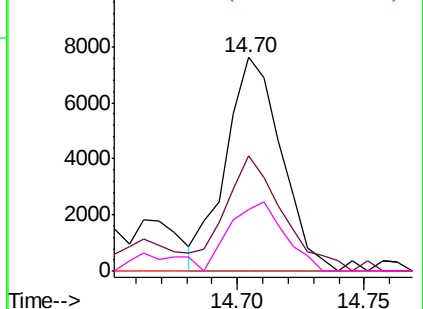


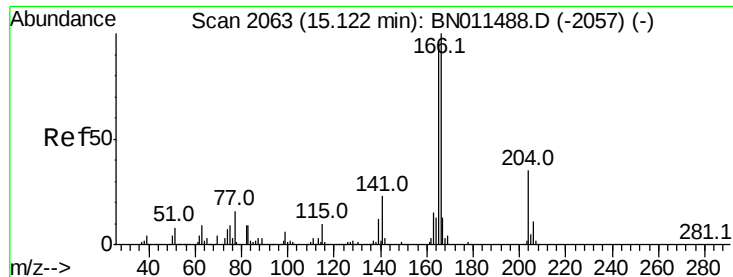
Abundance Ion 232.00 (231.70 to 232.70): E

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: 6.472 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BN011496.D

Acq: 18 Aug 2020 22:06

Instrument :

BNA_N

ClientSampleId :

DBFT1DL

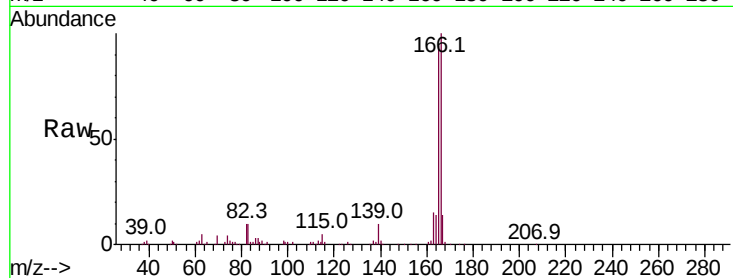
Tot Ion:166 Resp: 187487

Ion Ratio Lower Upper

166 100

165 94.0 78.0 117.0

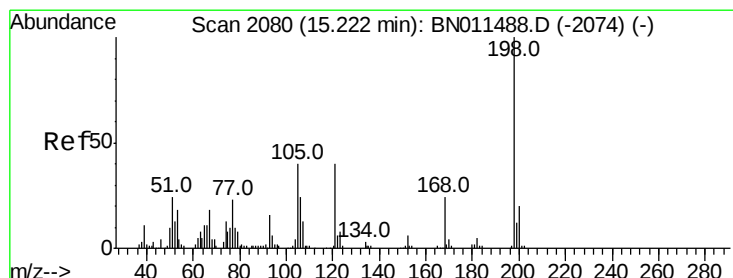
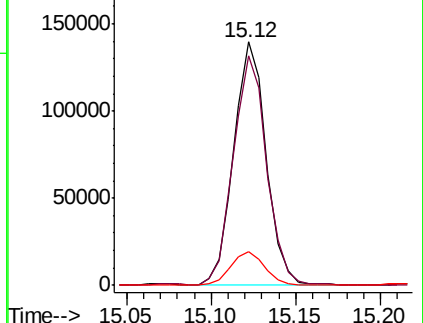
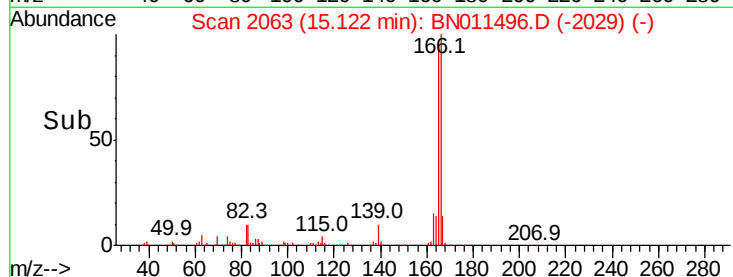
167 13.7 11.9 17.9



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



#64

4,6-Dinitro-2-methylphenol

Concen: 2.002 ng/ul

RT: 15.23 min Scan# 2082

Delta R.T. 0.01 min

Lab File: BN011496.D

Acq: 18 Aug 2020 22:06

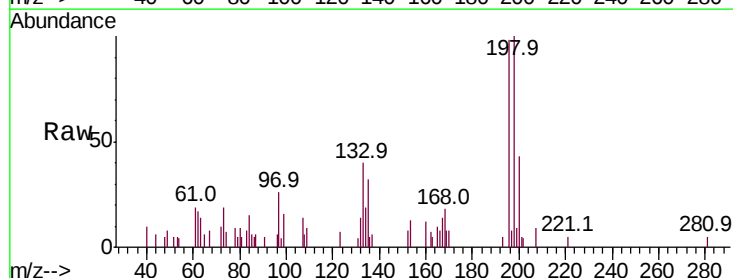
Tgt Ion:198 Resp: 11561

Ion Ratio Lower Upper

198 100

182 0.0 4.5 6.7#

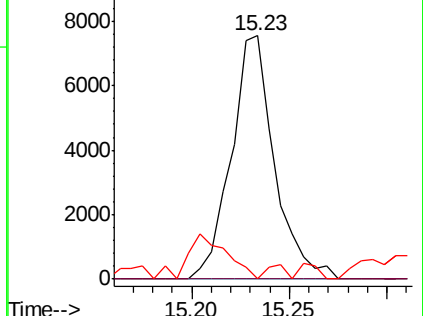
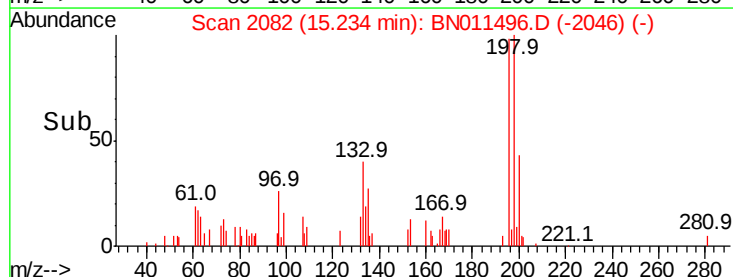
77 0.0 22.2 33.4#

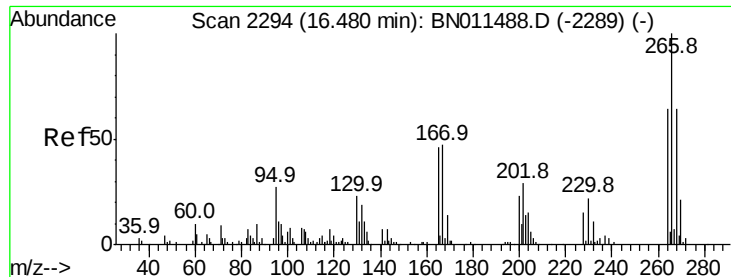


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNC





#69

Pentachlorophenol

Concen: 4.627 ng/ul

RT: 16.48 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BN011496.D

Acq: 18 Aug 2020 22:06

Instrument :

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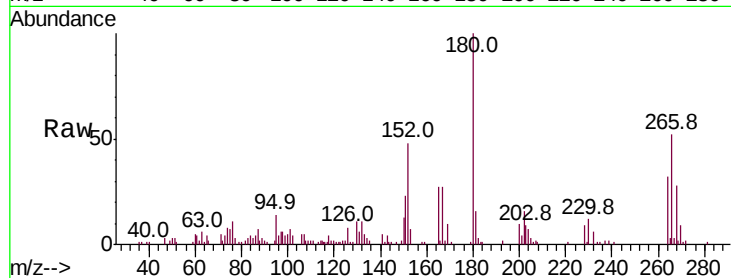
Tot Ion:266 Resp: 26990

Ion Ratio Lower Upper

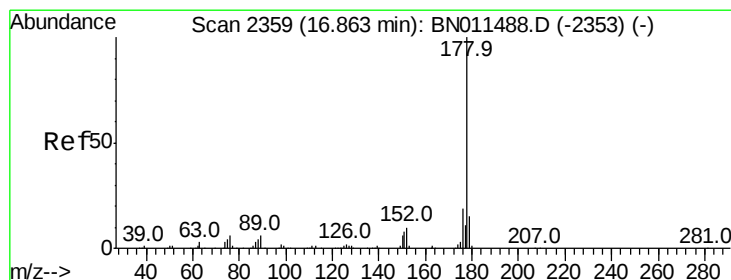
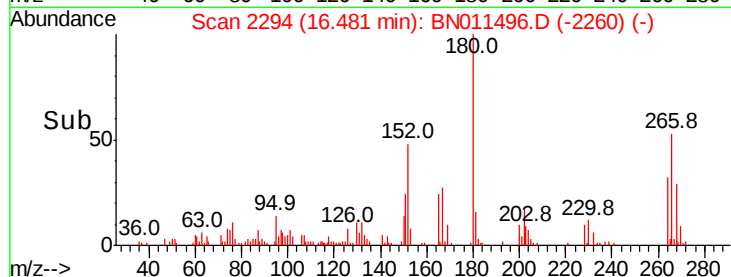
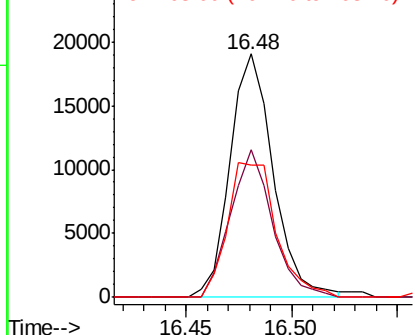
266 100

264 60.8 67.9 101.9#

268 58.4 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: 4.109 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. 0.00 min

Lab File: BN011496.D

Acq: 18 Aug 2020 22:06

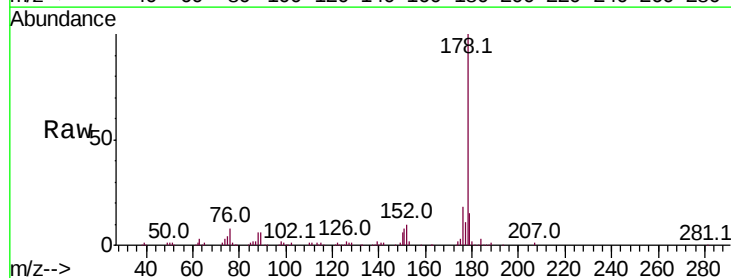
Tgt Ion:178 Resp: 195870

Ion Ratio Lower Upper

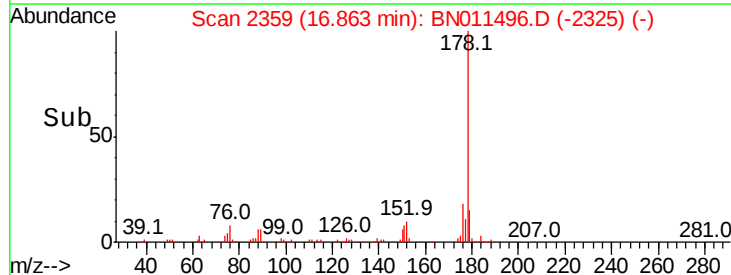
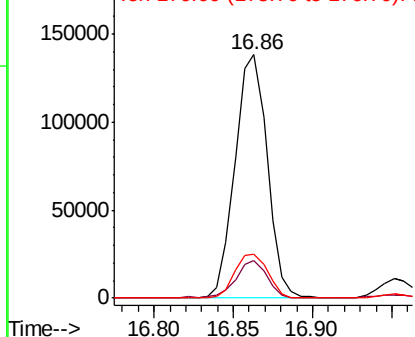
178 100

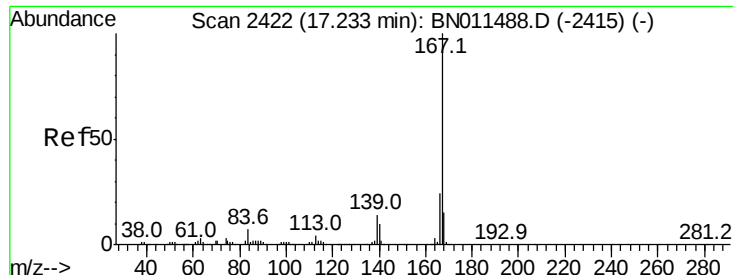
179 15.5 13.1 19.7

176 17.9 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





#75

Carbazole

Concen: 23.366 ng/ul

RT: 17.23 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BN011496.D

Acq: 18 Aug 2020 22:06

Instrument :

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ClientSampleId :

DBFT1DL

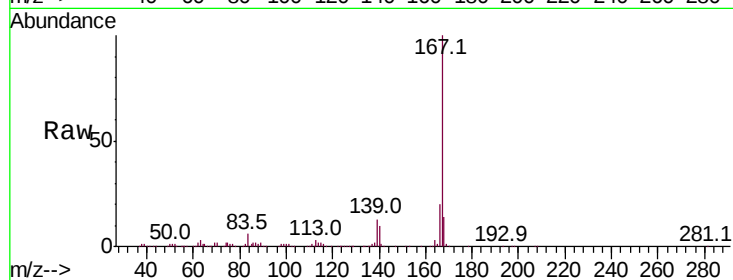
Tot Ion:167 Resp: 948728

Ion Ratio Lower Upper

167 100

166 20.5 17.2 25.8

139 12.7 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

