

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011497.D
 Acq On : 18 Aug 2020 22:42
 Operator : CG/JU
 Sample : L3668-02DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFS4DL

Quant Time: Aug 19 09:52:10 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	158847	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	565379	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	395064	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	811574	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	823495	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	943798	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.64	99	10791	0.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	36366	6.35	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	45825	4.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	23077	2.53	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	24603	5.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	26135	5.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	47708	5.12	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.49	166	184675	6.00	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	201182	5.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	3553	0.68	ng/ul	0.00
58) Fluorene-d10	15.07	176	180714	6.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	26050	4.84	ng/ul	0.00
71) Anthracene-d10	16.92	188	252314	6.51	ng/ul	0.00
79) Pyrene-d10	19.23	212	296448	7.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	334821	6.39	ng/ul	0.00

Target Compounds

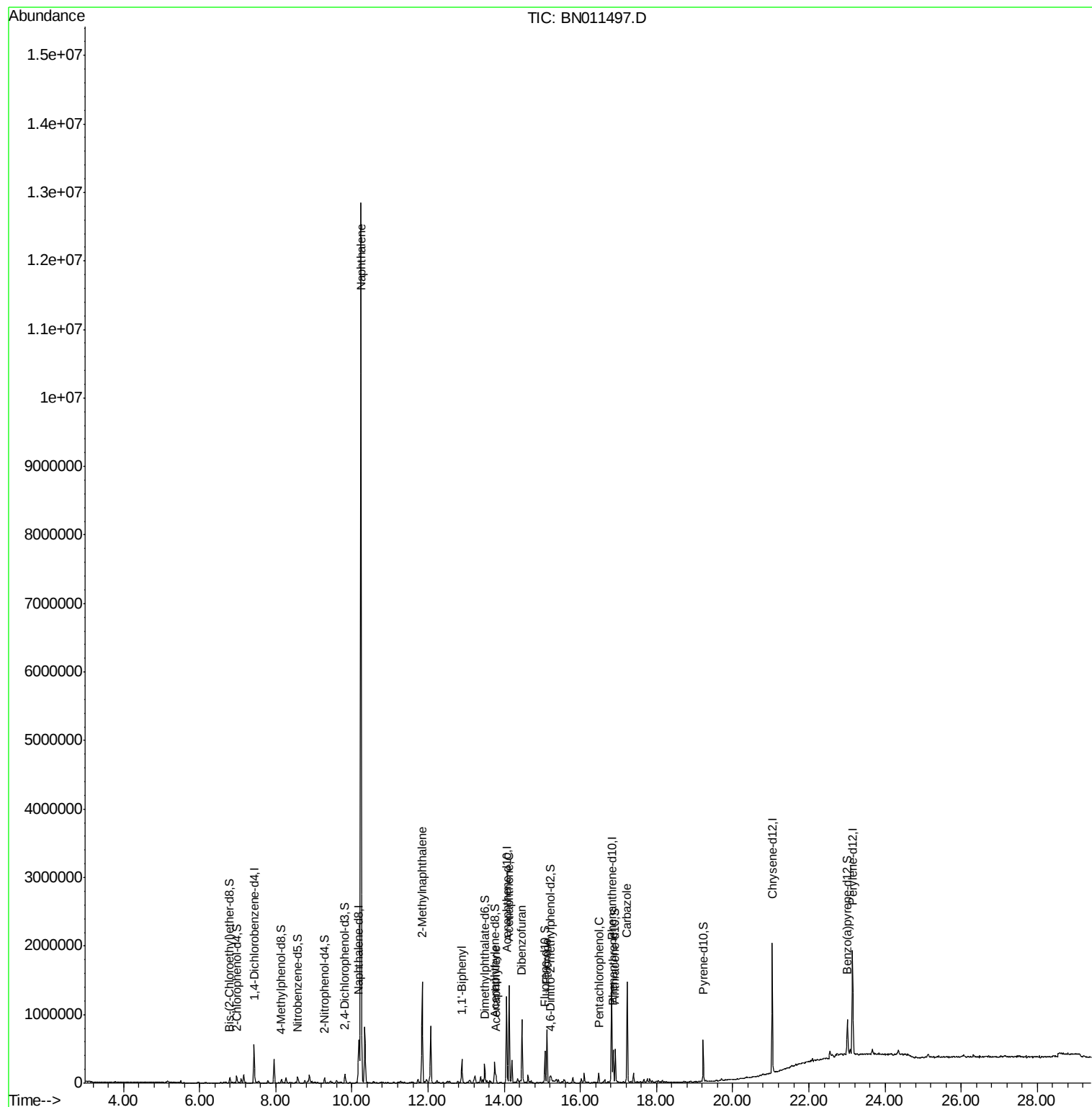
					Ovalue	
28) Naphthalene	10.23	128	10581898	335.378	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	673238	31.128	ng/ul	100
41) 1,1'-Biphenyl	12.89	154	175279	5.528	ng/ul	99
48) Acenaphthylene	13.78	152	53886	1.405	ng/ul	98
50) Acenaphthene	14.13	153	561270	20.911	ng/ul	96
54) Dibenzofuran	14.47	168	576068	14.799	ng/ul	97
59) Fluorene	15.12	166	327486	10.438	ng/ul	97
69) Pentachlorophenol	16.48	266	9457	1.606	ng/ul#	79
70) Phenanthrene	16.86	178	263043	5.464	ng/ul	98
75) Carbazole	17.23	167	918654	22.405	ng/ul	99

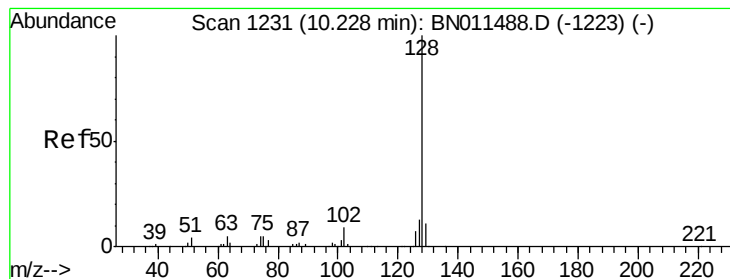
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 19 02:19:14 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 335.378 ng/ul

RT: 10.23 min Scan# 1232

Delta R.T. 0.01 min

Lab File: BN011497.D

Acq: 18 Aug 2020 22:42

Instrument :

BNA_N

ClientSampleId :

DBFS4DL

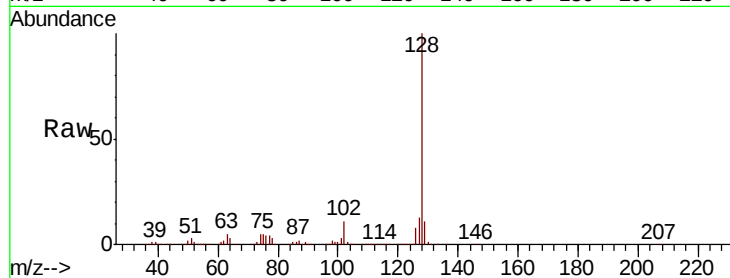
Tot Ion:128 Resp:10581898

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.4 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

8000000

6000000

4000000

2000000

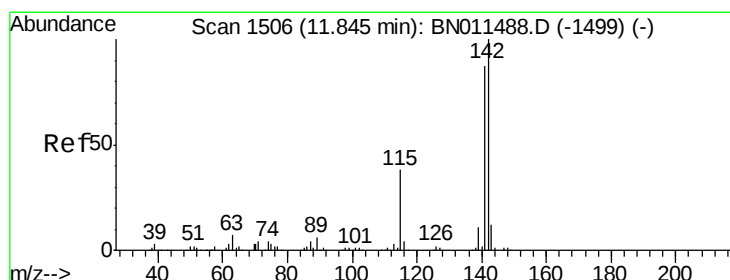
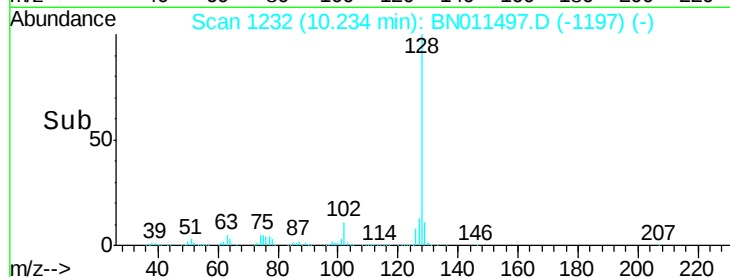
0

10.20

10.23

10.30

Time-->



#34

2-Methylnaphthalene

Concen: 31.128 ng/ul

RT: 11.85 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011497.D

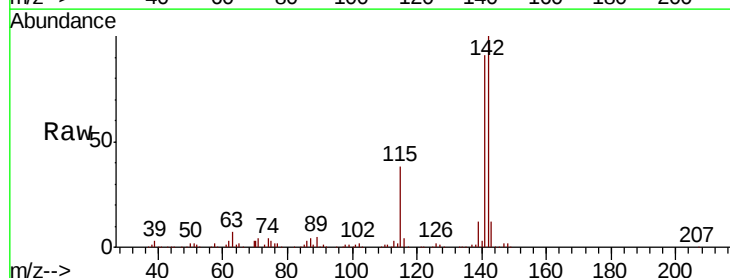
Acq: 18 Aug 2020 22:42

Tgt Ion:142 Resp: 673238

Ion Ratio Lower Upper

142 100

141 91.2 73.2 109.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

500000

400000

300000

200000

100000

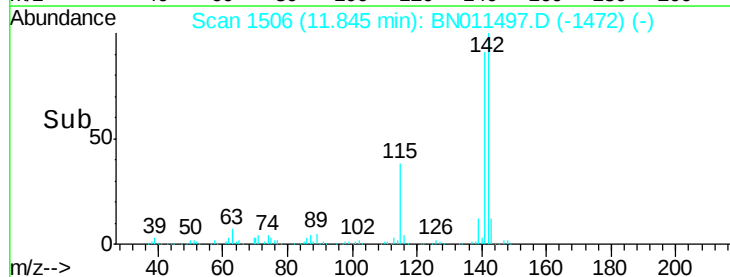
0

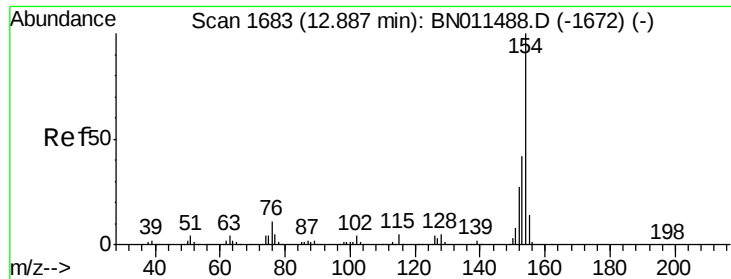
11.80

11.85

11.90

Time-->

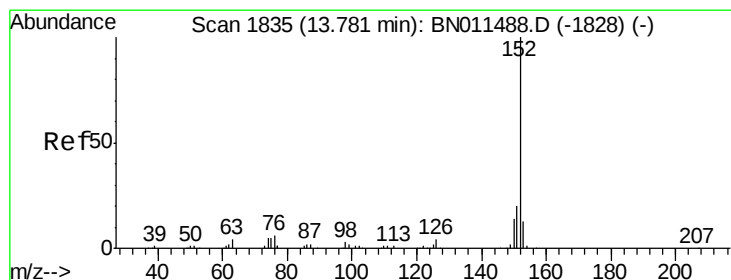
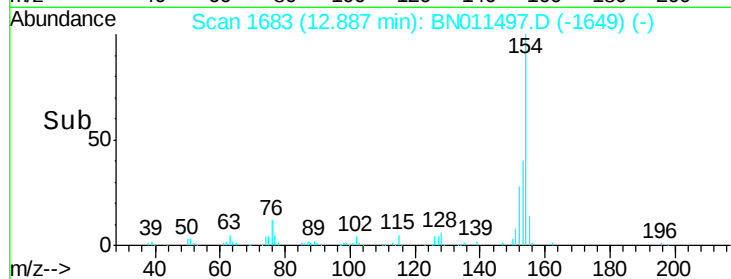
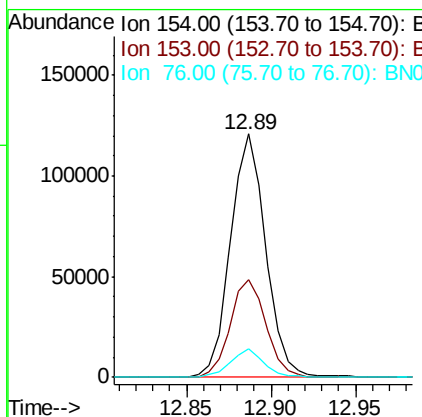
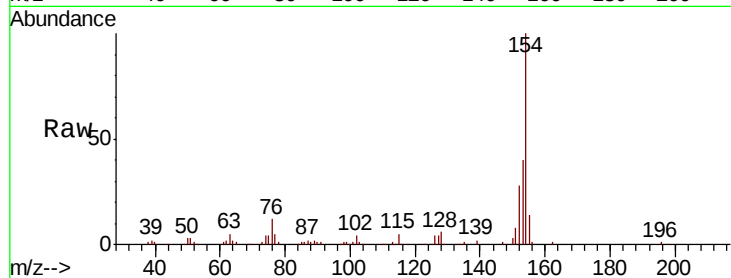




#41
 1,1'-Biphenyl
 Concen: 5.528 ng/ul
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BN011497.D
 Acq: 18 Aug 2020 22:42

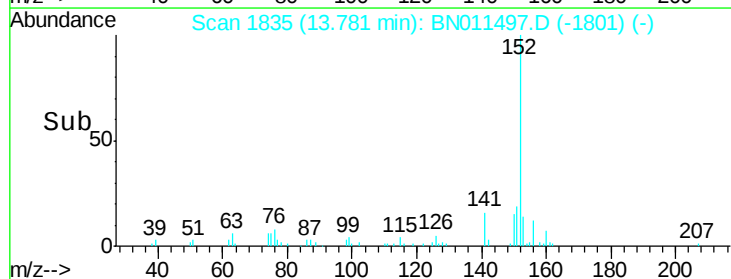
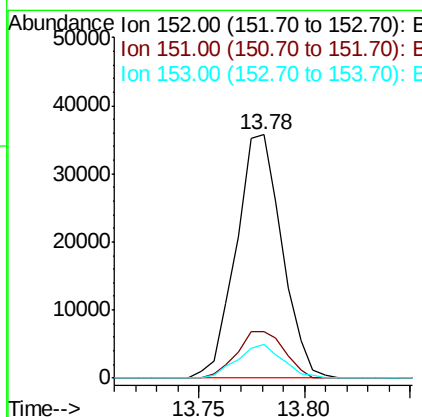
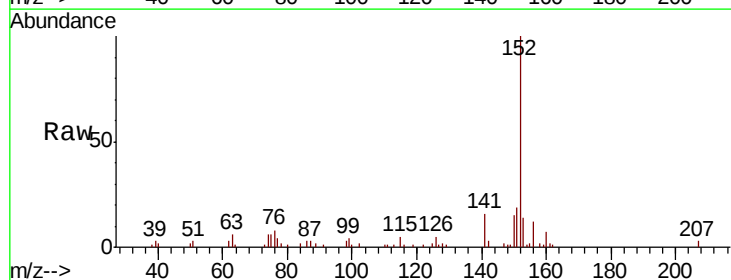
Instrument :
 BNA_N
 ClientSampleId :
 DBFS4DL

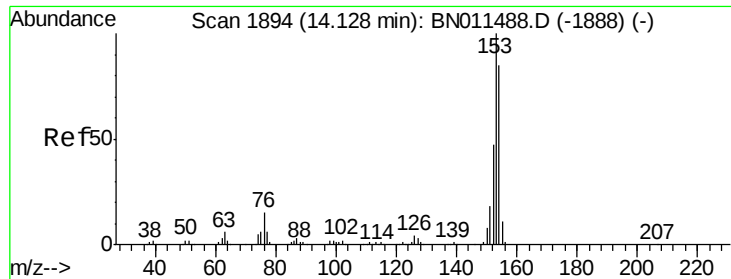
Tot Ion:	154	Resp:	175279
Ion	Ratio	Lower	Upper
154	100		
153	40.2	32.3	48.5
76	11.9	8.5	12.7



#48
 Acenaphthylene
 Concen: 1.405 ng/ul
 RT: 13.78 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BN011497.D
 Acq: 18 Aug 2020 22:42

Tgt Ion:	152	Resp:	53886
Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	14.0	9.9	14.9





#50

Acenaphthene

Concen: 20.911 ng/ul

RT: 14.13 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BN011497.D

Acq: 18 Aug 2020 22:42

Instrument :

BNA_N

ClientSampleId :

DBFS4DL

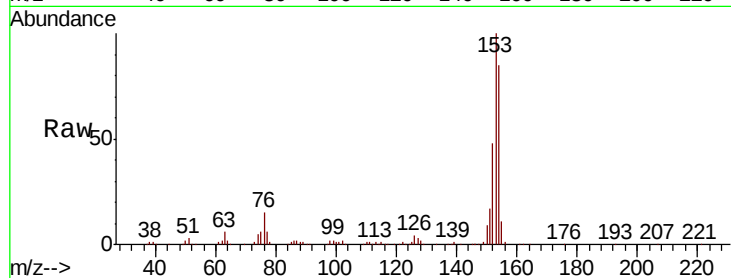
Tot Ion:153 Resp: 561270

Ion Ratio Lower Upper

153 100

152 47.8 37.6 56.4

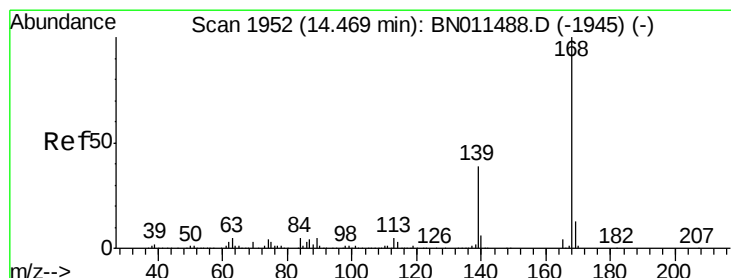
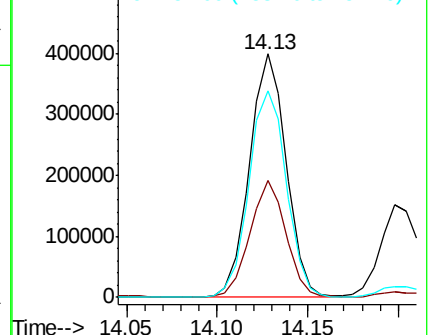
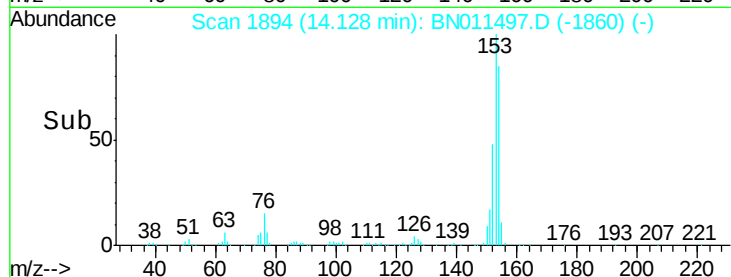
154 84.9 72.0 108.0



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: 14.799 ng/ul

RT: 14.47 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BN011497.D

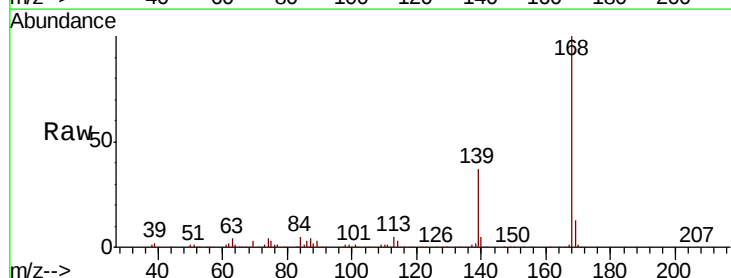
Acq: 18 Aug 2020 22:42

Tgt Ion:168 Resp: 576068

Ion Ratio Lower Upper

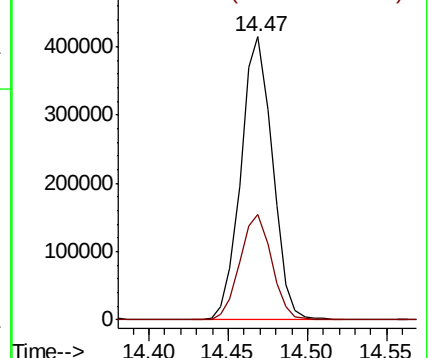
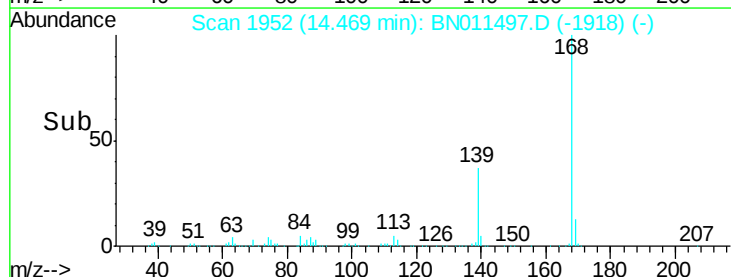
168 100

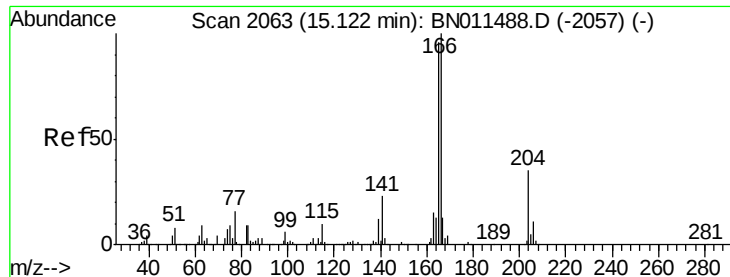
139 37.1 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 10.438 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BN011497.D

Acq: 18 Aug 2020 22:42

Instrument :

BNA_N

ClientSampleId :

DBFS4DL

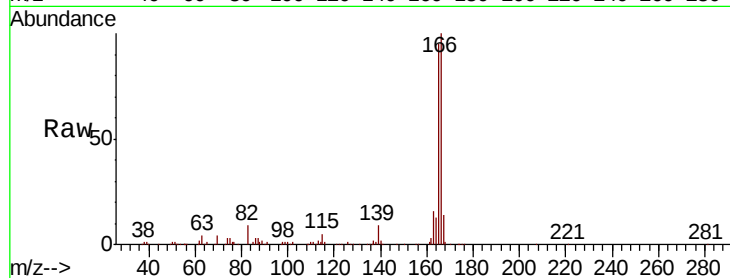
Tot Ion:166 Resp: 327486

Ion Ratio Lower Upper

166 100

165 95.1 78.0 117.0

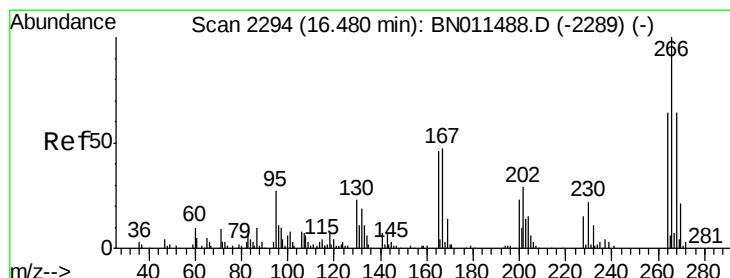
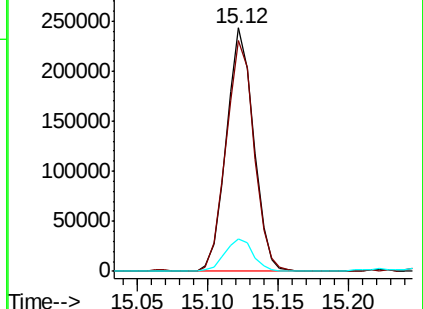
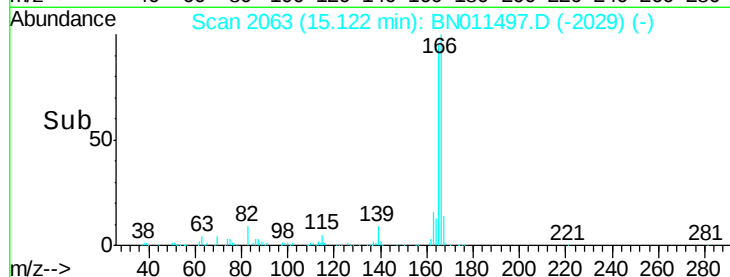
167 13.6 11.9 17.9



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



#69

Pentachlorophenol

Concen: 1.606 ng/ul

RT: 16.48 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BN011497.D

Acq: 18 Aug 2020 22:42

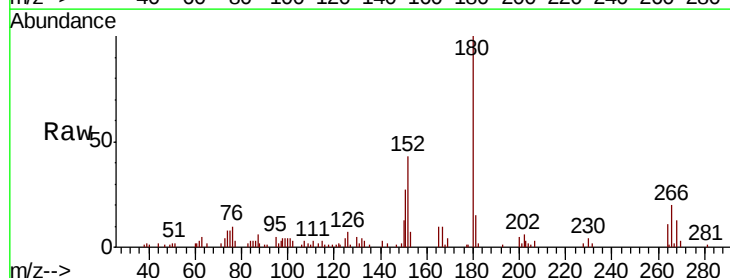
Tgt Ion:266 Resp: 9457

Ion Ratio Lower Upper

266 100

264 62.3 67.9 101.9#

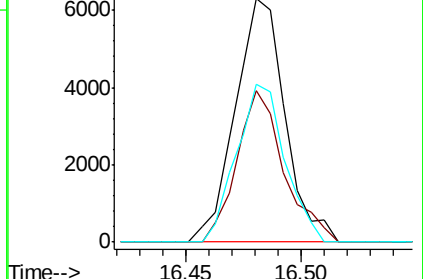
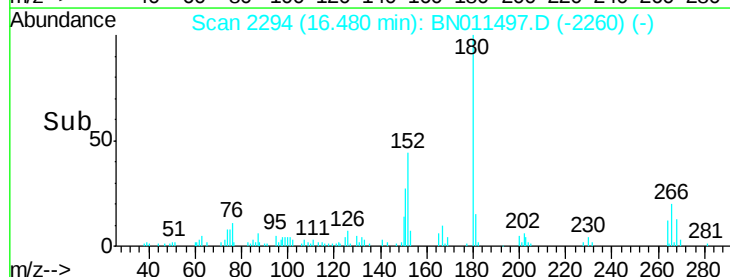
268 65.0 63.4 95.2

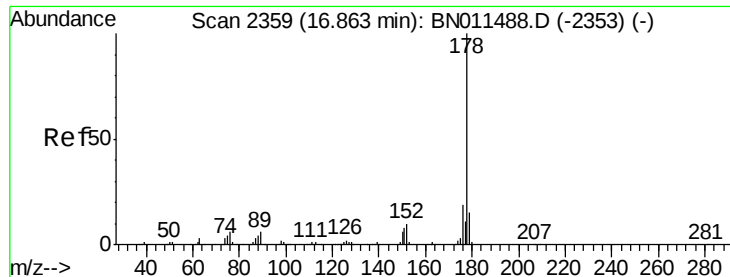


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 5.464 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. -0.00 min

Lab File: BN011497.D

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DBFS4DL

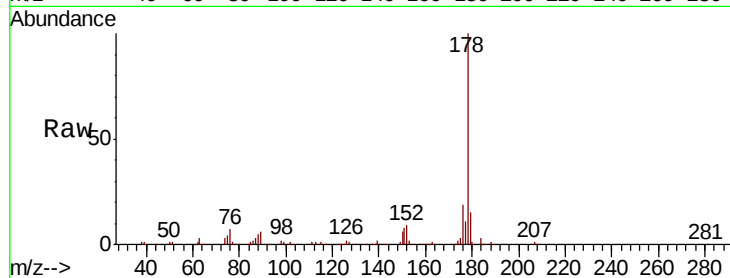
Tot Ion:178 Resp: 263043

Ion Ratio Lower Upper

178 100

179 15.2 13.1 19.7

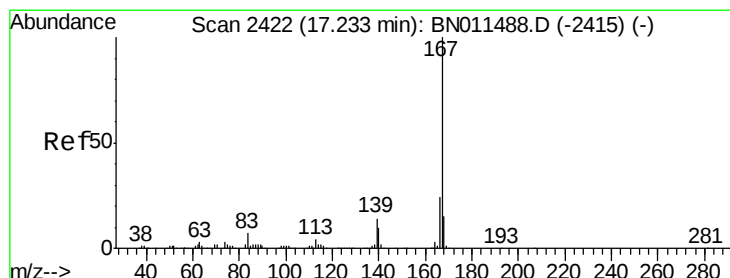
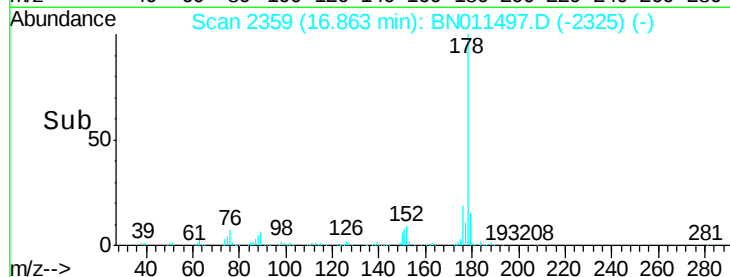
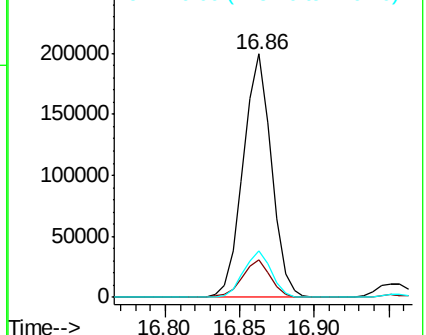
176 19.3 15.7 23.5



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: 22.405 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BN011497.D

Acq: 18 Aug 2020 22:42

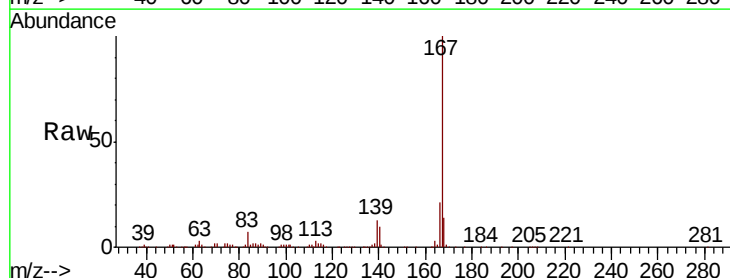
Tgt Ion:167 Resp: 918654

Ion Ratio Lower Upper

167 100

166 20.6 17.2 25.8

139 12.6 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

