

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011480.D
 Acq On : 18 Aug 2020 10:17
 Operator : CG/JU
 Sample : L3668-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFS4

Quant Time: Aug 18 11:30:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 11:09:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	141867	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	568097	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.06	164	361006	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	801546	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	809503	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	823859	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	15980	5.41	ng/uL	0.00
5) Phenol-d5	6.63	99	80736	8.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	188164	36.80	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	246951	27.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	139645	17.14	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	163998	37.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	177119	35.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	284647	30.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	35293	3.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1010185	35.94	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1141834	33.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	34670	7.28	ng/ul	0.00
58) Fluorene-d10	15.07	176	866545	35.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	208044	39.14	ng/ul	0.00
71) Anthracene-d10	16.92	188	1391867	36.35	ng/ul	0.00
79) Pyrene-d10	19.23	212	1596697	38.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	1666248	36.42	ng/ul	0.00

Target Compounds

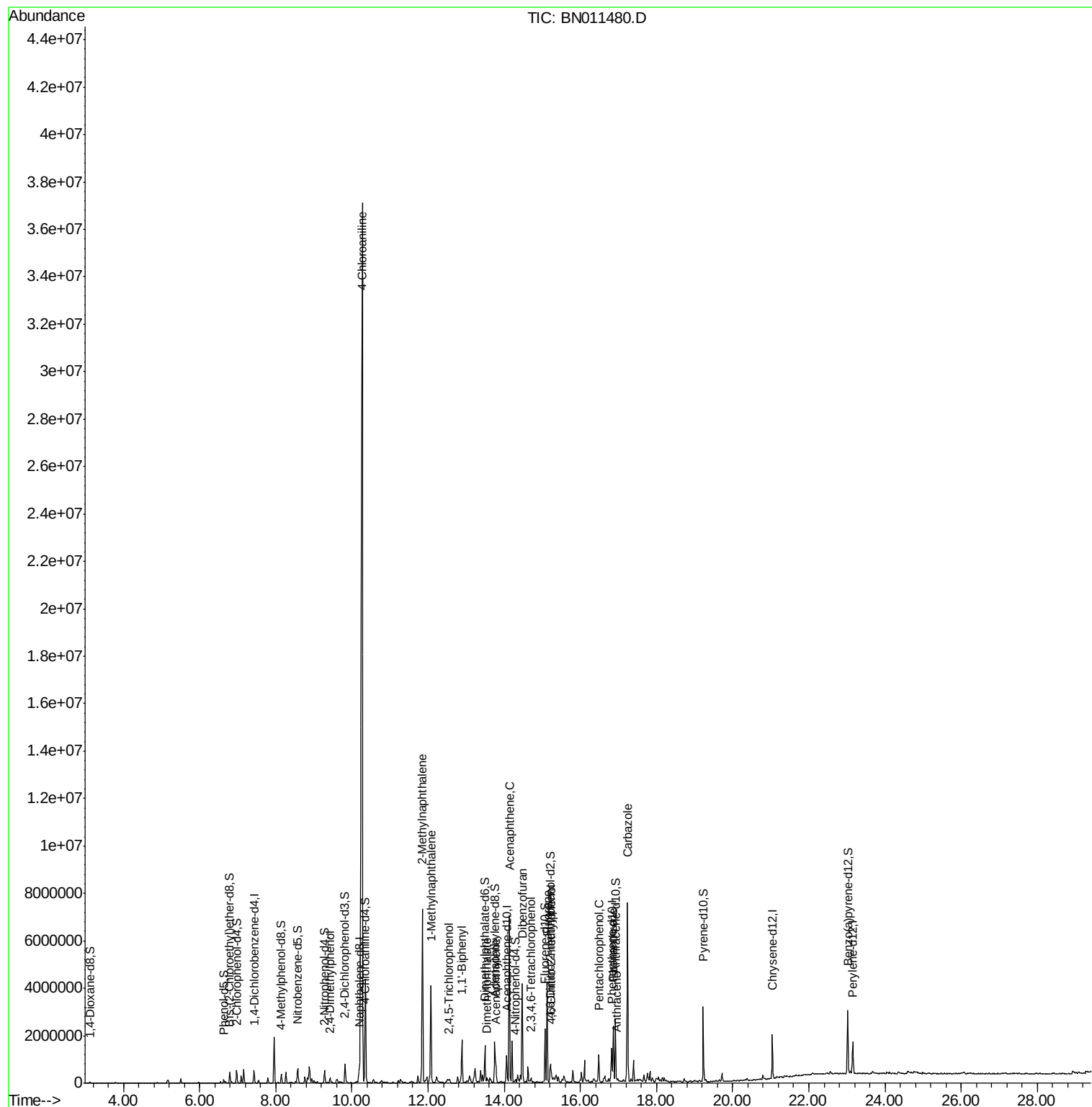
					Ovalue	
24) 2,4-Dimethylphenol	9.42	107	67923	6.506	ng/ul#	86
30) 4-Chloroaniline	10.27	127	7038036	628.692	ng/ul#	21
34) 2-Methylnaphthalene	11.85	142	3402376	156.562	ng/ul	98
35) 1-Methylnaphthalene	12.08	142	1881575	88.325	ng/uL	98
40) 2,4,5-Trichlorophenol	12.55	196	26733	3.329	ng/ul	91
41) 1,1'-Biphenyl	12.89	154	944407	32.596	ng/ul	98
45) Dimethylphthalate	13.54	163	114117	3.955	ng/ul	97
48) Acenaphthylene	13.78	152	297912	8.502	ng/ul#	97
50) Acenaphthene	14.13	153	2791012	113.793	ng/ul	99
54) Dibenzofuran	14.47	168	2694169	75.741	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.71	232	34802	5.191	ng/ul	93
59) Fluorene	15.13	166	1713724	59.775	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.23	198	102810	17.846	ng/ul#	58
69) Pentachlorophenol	16.48	266	71762	12.336	ng/ul#	82
70) Phenanthrene	16.86	178	1330851	27.993	ng/ul	98
72) Anthracene	16.95	178	89884	1.867	ng/ul	95
75) Carbazole	17.24	167	4789415	118.271	ng/ul	98

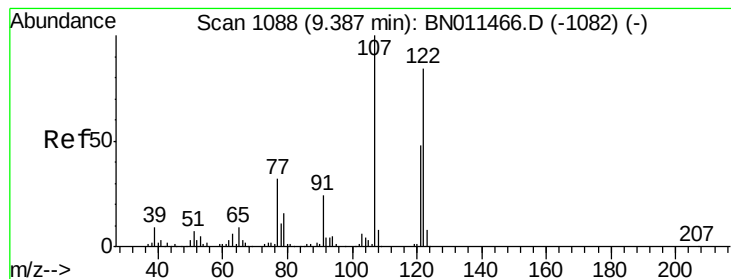
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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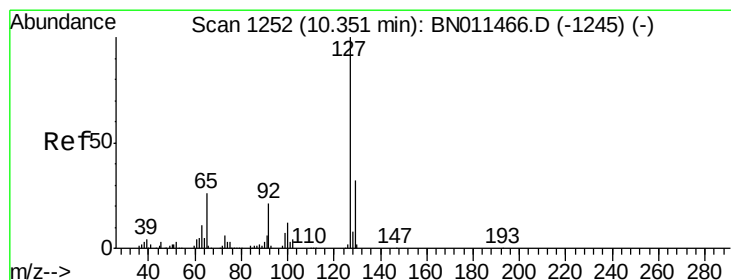
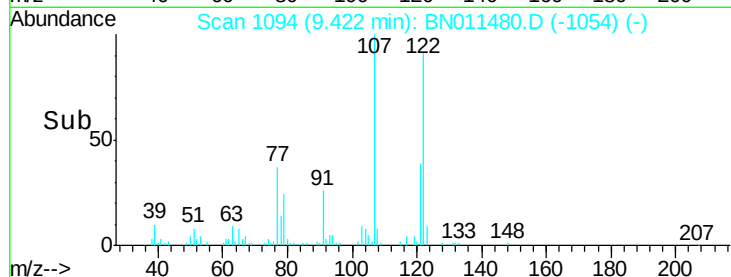
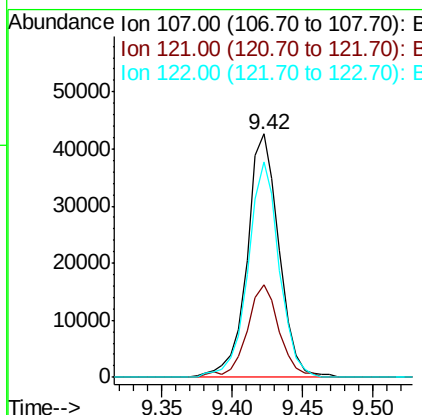
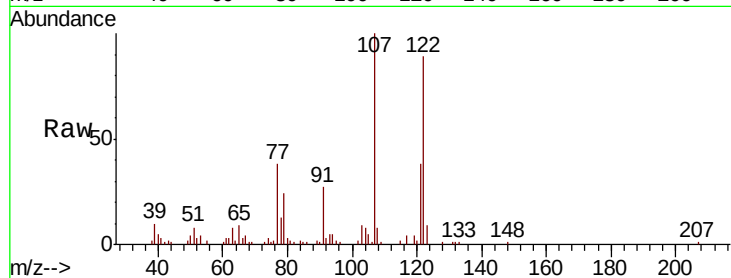




#24
 2,4-Dimethylphenol
 Concen: 6.506 ng/ul
 RT: 9.42 min Scan# 1094
 Delta R.T. 0.04 min
 Lab File: BN011480.D
 Acq: 18 Aug 2020 10:17

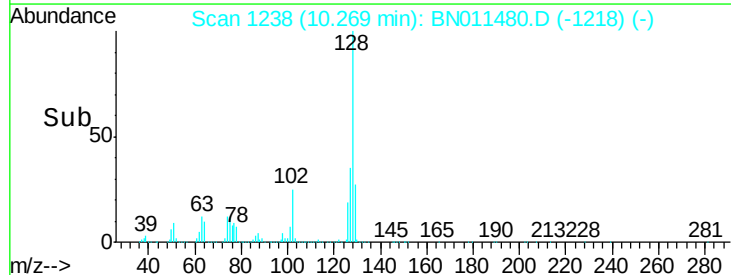
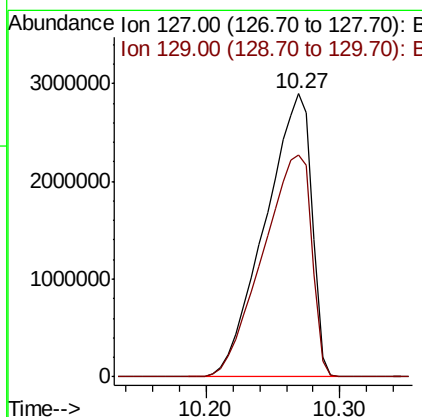
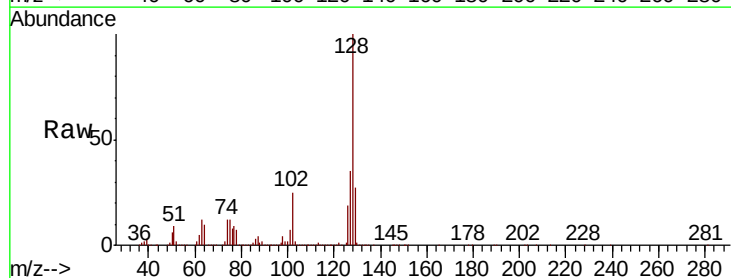
Instrument :
 BNA_N
 ClientSampleId :
 DBFS4

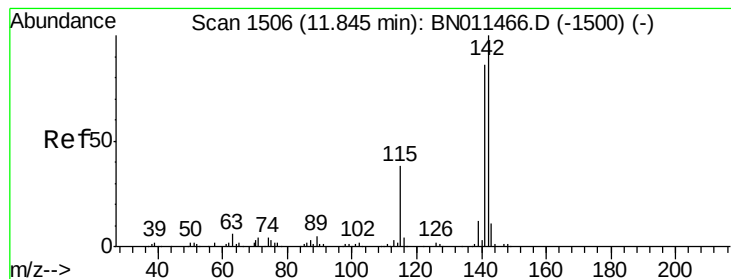
Tot Ion:107 Resp: 67923
 Ion Ratio Lower Upper
 107 100
 121 37.9 40.4 60.6#
 122 88.6 63.0 94.4



#30
 4-Chloroaniline
 Concen: 628.692 ng/ul
 RT: 10.27 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: BN011480.D
 Acq: 18 Aug 2020 10:17

Tgt Ion:127 Resp: 7038036
 Ion Ratio Lower Upper
 127 100
 129 78.4 26.9 40.3#





#34

2-Methylnaphthalene

Concen: 156.562 ng/ul

RT: 11.85 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BN011480.D

Acq: 18 Aug 2020 10:17

Instrument :

BNA_N

ClientSampleId :

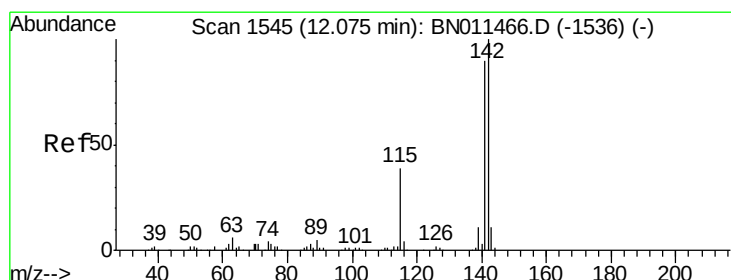
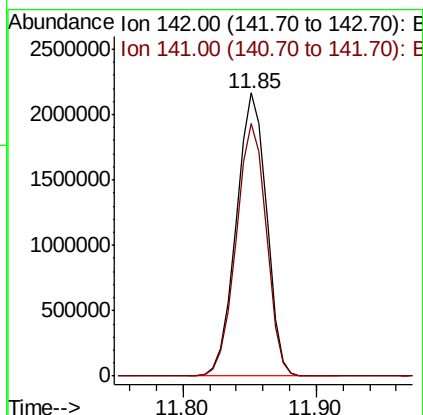
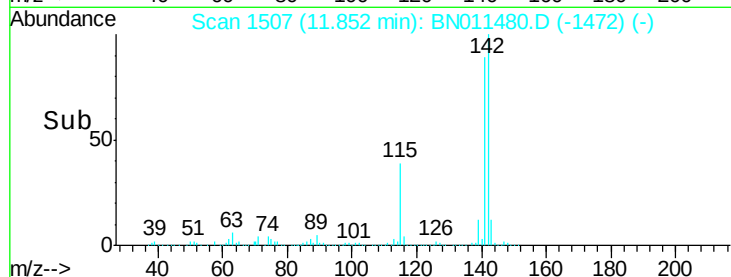
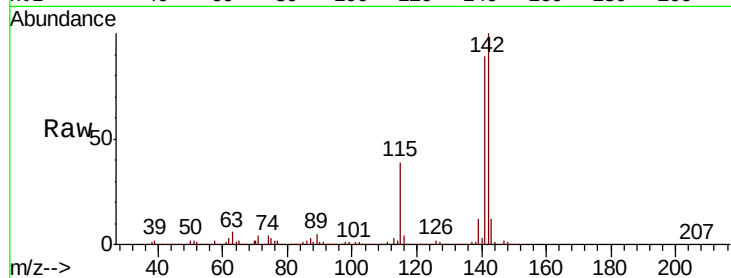
DBFS4

Tot Ion:142 Resp: 3402376

Ion Ratio Lower Upper

142 100

141 89.2 73.2 109.8



#35

1-Methylnaphthalene

Concen: 88.325 ng/uL

RT: 12.08 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BN011480.D

Acq: 18 Aug 2020 10:17

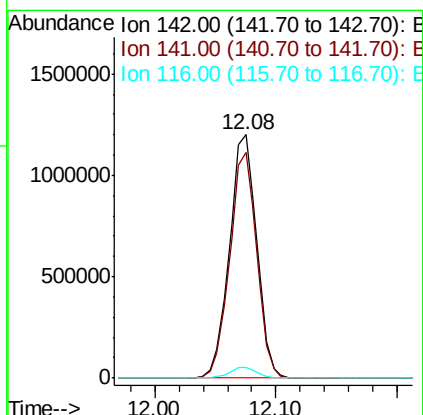
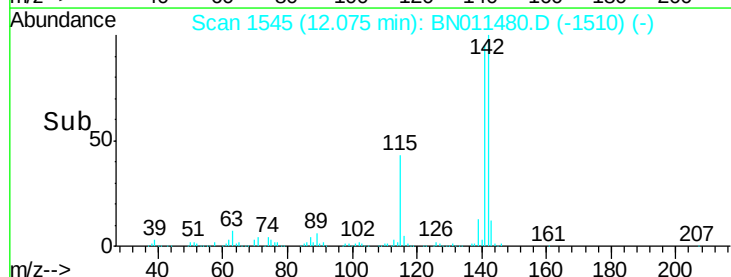
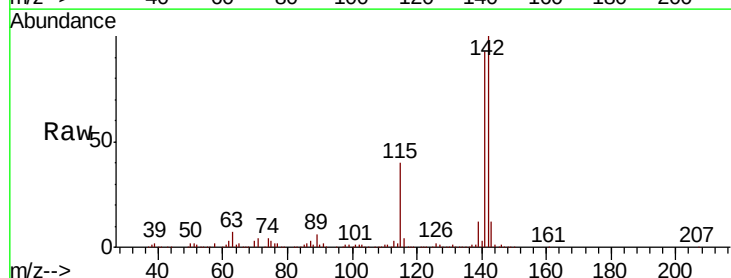
Tgt Ion:142 Resp: 1881575

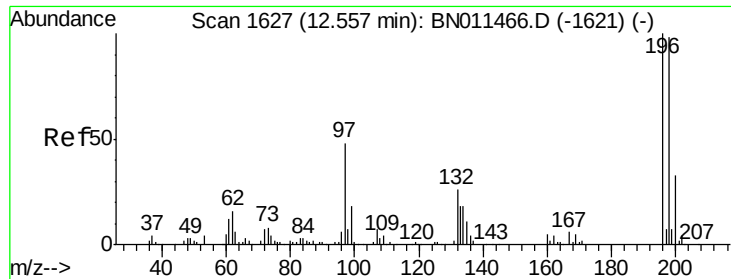
Ion Ratio Lower Upper

142 100

141 91.8 75.0 112.4

116 4.4 3.4 5.0

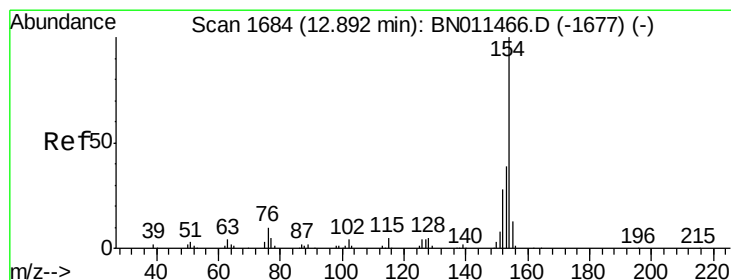
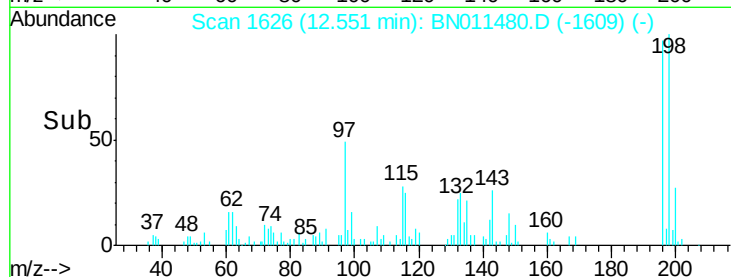
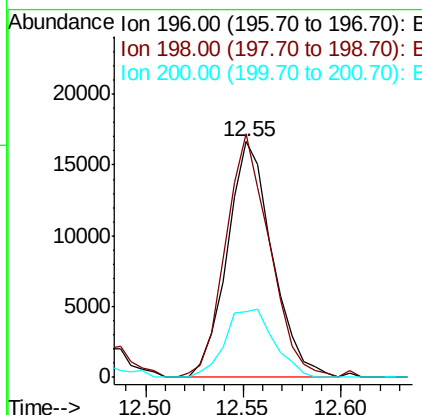
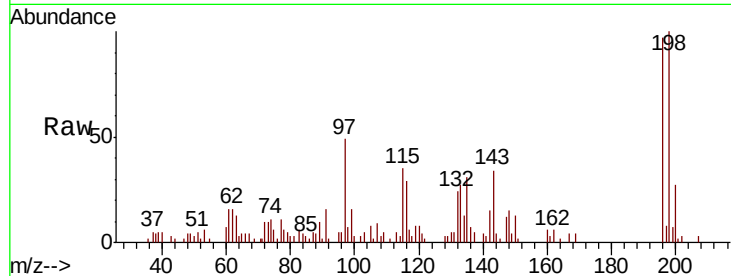




#40
 2,4,5-Trichlorophenol
 Concen: 3.329 ng/ul
 RT: 12.55 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BN011480.D
 Acq: 18 Aug 2020 10:17

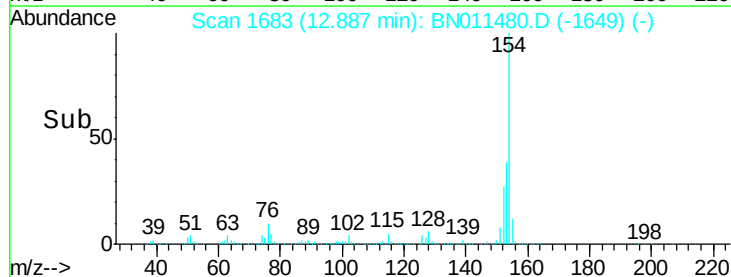
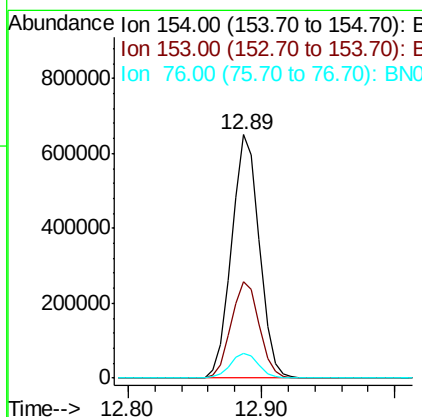
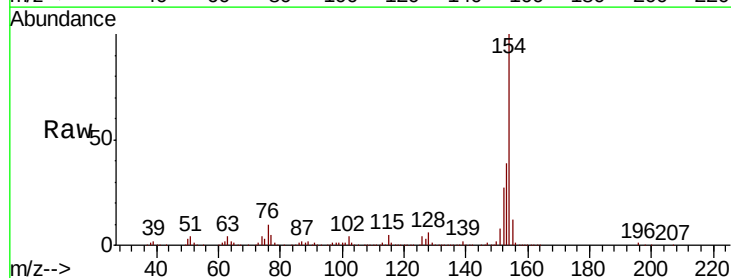
Instrument :
 BNA_N
 ClientSampleId :
 DBFS4

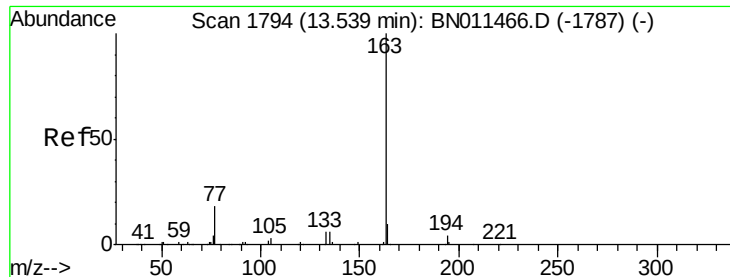
Tot Ion	196	Resp	26733
Ion Ratio	100	Lower	Upper
196	100		
198	103.5	74.3	111.5
200	28.2	23.8	35.6



#41
 1,1'-Biphenyl
 Concen: 32.596 ng/ul
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BN011480.D
 Acq: 18 Aug 2020 10:17

Tgt Ion	154	Resp	944407
Ion Ratio	100	Lower	Upper
154	100		
153	39.4	32.3	48.5
76	10.0	8.5	12.7

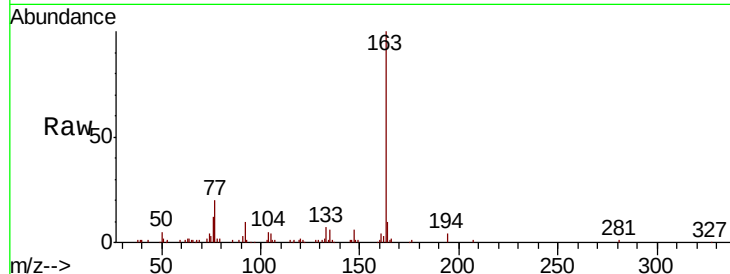




#45
Dimethylphthalate
Concen: 3.955 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BN011480.D
Acq: 18 Aug 2020 10:17

Instrument :
BNA_N
ClientSampled :
DBFS4

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.8	5.6
164	9.8	8.7	13.1

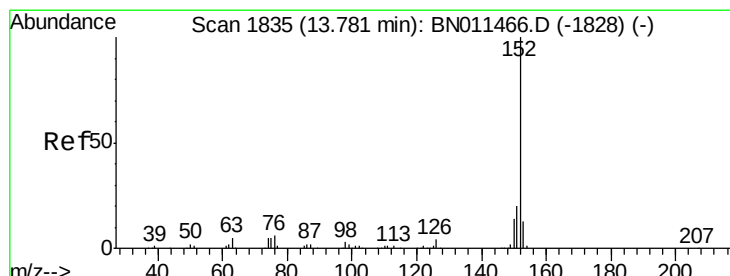
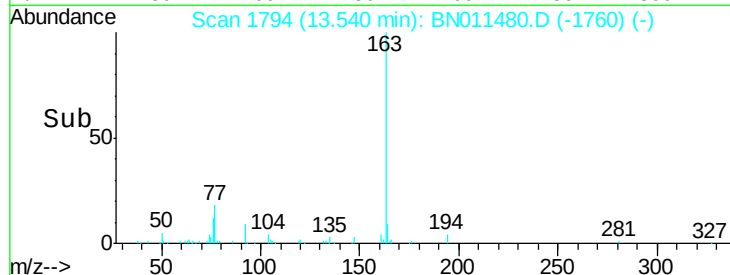
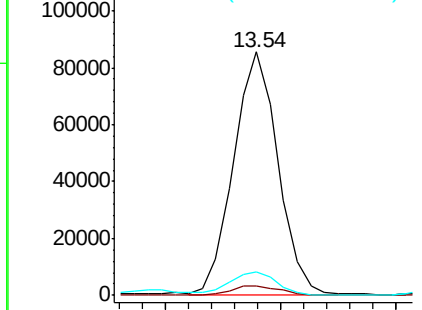


Abundance

Ion 163.00 (162.70 to 163.70): E

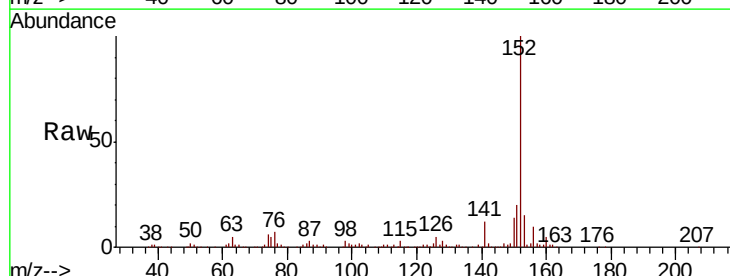
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
Acenaphthylene
Concen: 8.502 ng/ul
RT: 13.78 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN011480.D
Acq: 18 Aug 2020 10:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.2
153	15.0	9.9	14.9#

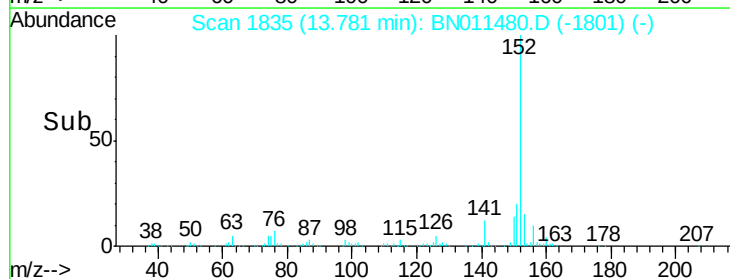
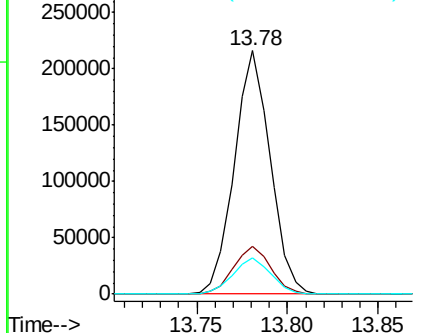


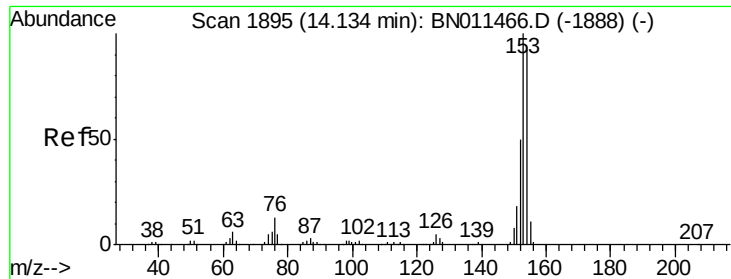
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Acenaphthene

Concen: 113.793 ng/ul

RT: 14.13 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BN011480.D

Acq: 18 Aug 2020 10:17

Instrument :

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ClientSampleId :

DBFS4

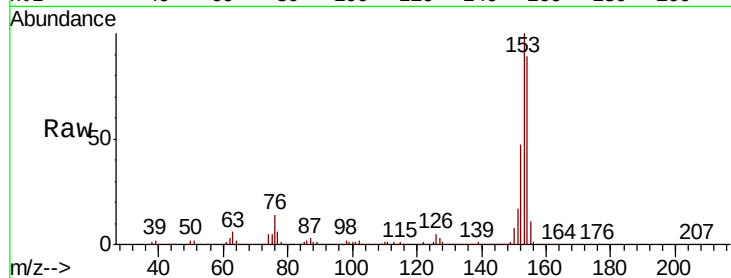
Tot Ion:153 Resp: 2791012

Ion Ratio Lower Upper

153 100

152 46.7 37.6 56.4

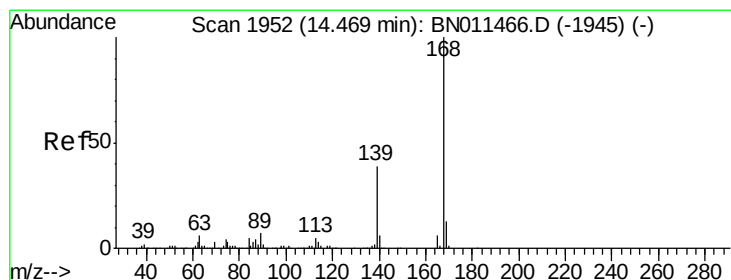
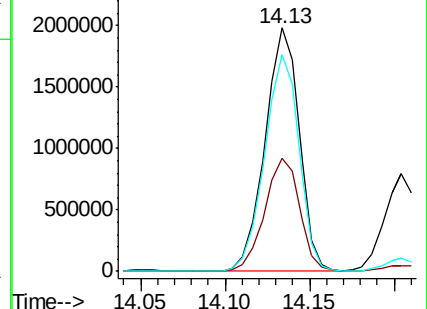
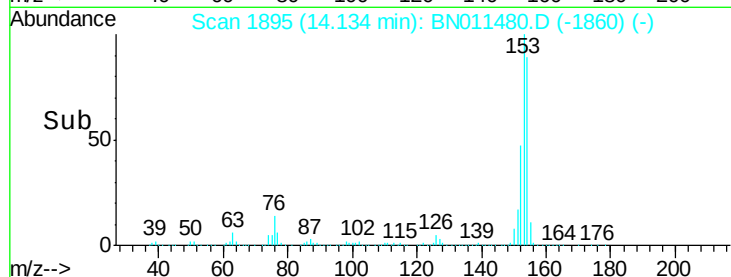
154 88.9 72.0 108.0



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: 75.741 ng/ul

RT: 14.47 min Scan# 1953

Delta R.T. 0.01 min

Lab File: BN011480.D

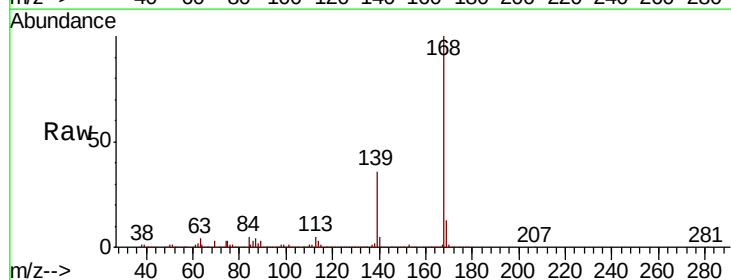
Acq: 18 Aug 2020 10:17

Tgt Ion:168 Resp: 2694169

Ion Ratio Lower Upper

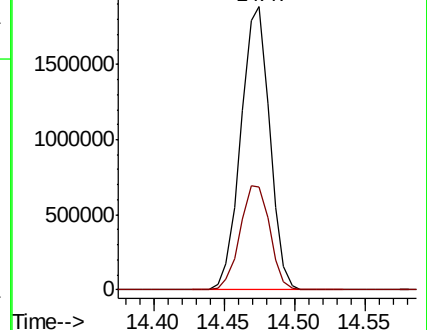
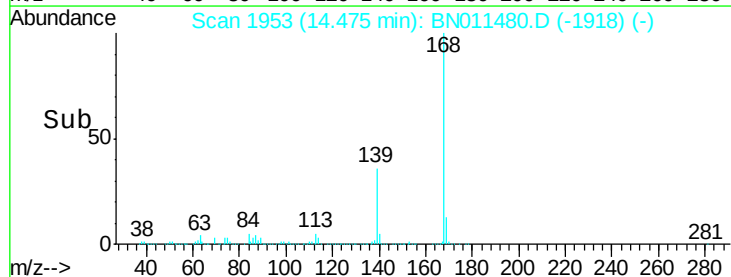
168 100

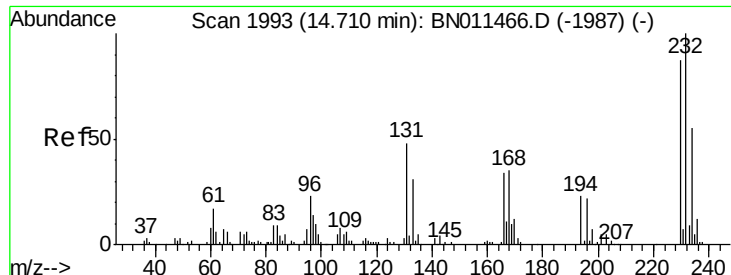
139 36.2 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

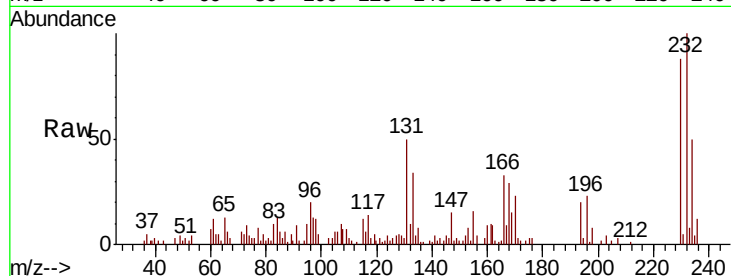




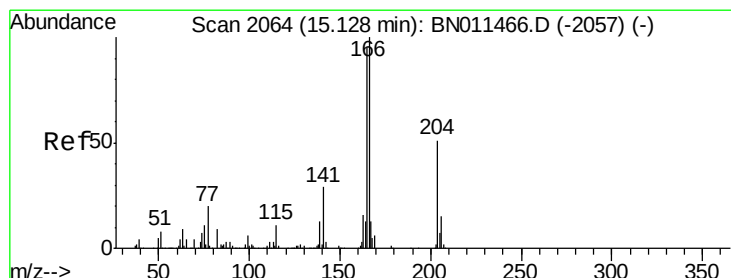
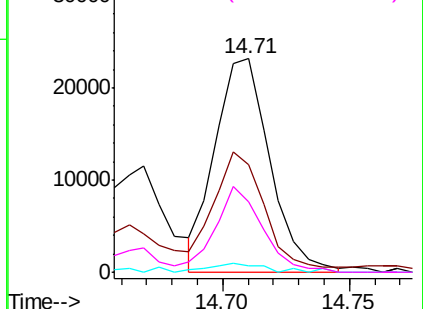
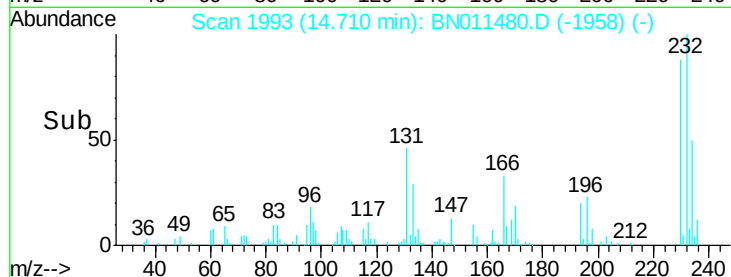
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 5.191 ng/ul
 RT: 14.71 min Scan# 1993
 Delta R.T. 0.01 min
 Lab File: BN011480.D
 Acq: 18 Aug 2020 10:17

Instrument :
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 DBFS4

Tot Ion:232 Resp: 34802
 Ion Ratio Lower Upper
 232 100
 131 50.1 35.8 53.6
 130 3.2 2.2 3.2
 166 33.2 24.1 36.1

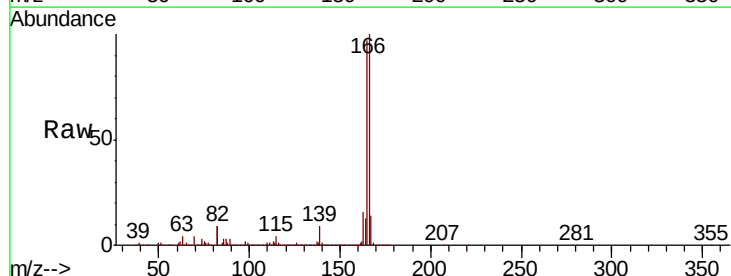


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

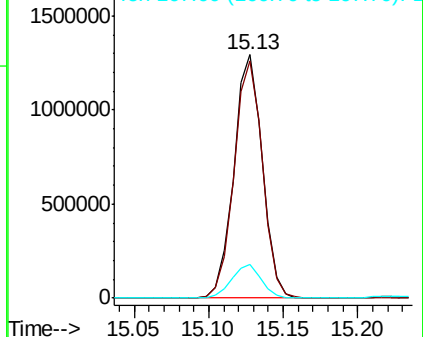
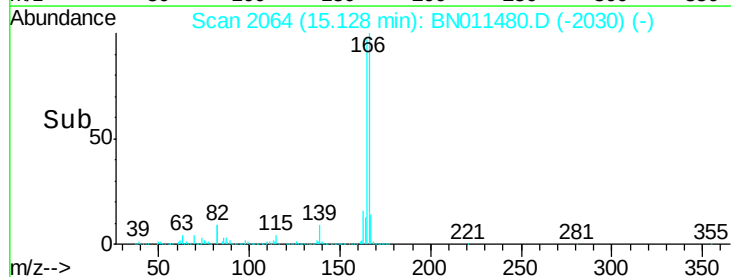


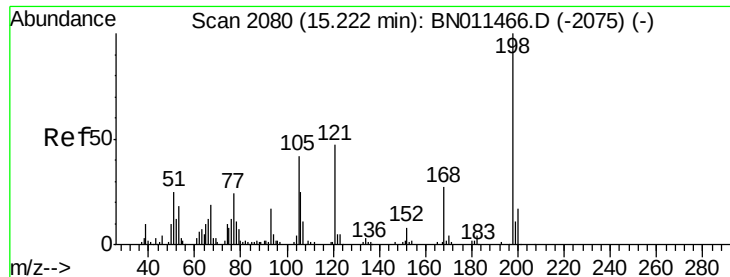
#59
 Fluorene
 Concen: 59.775 ng/ul
 RT: 15.13 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: BN011480.D
 Acq: 18 Aug 2020 10:17

Tgt Ion:166 Resp: 1713724
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.0 117.0
 167 14.1 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: 17.846 ng/ul

RT: 15.23 min Scan# 2081

Delta R.T. 0.01 min

Lab File: BN011480.D

Acq: 18 Aug 2020 10:17

Instrument :

BNA_N

ClientSampleId :

DBFS4

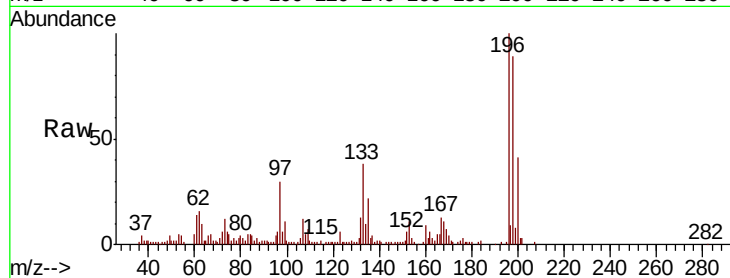
Tot Ion:198 Resp: 102810

Ion Ratio Lower Upper

198 100

182 0.0 4.5 6.7#

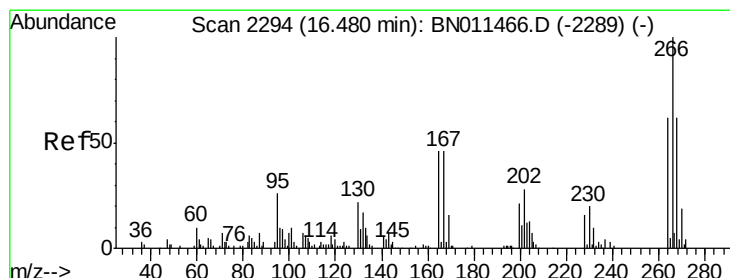
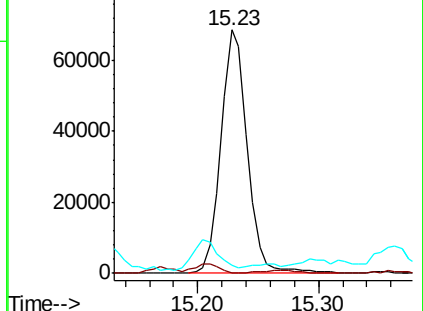
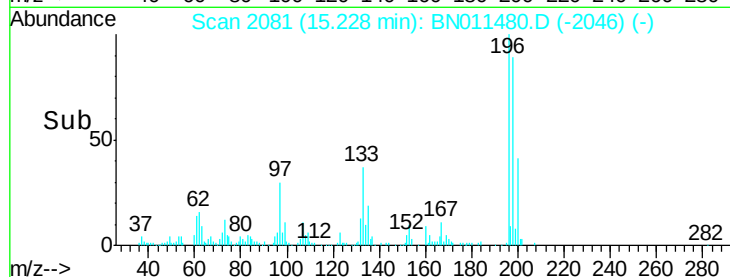
77 3.3 22.2 33.4#



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: 12.336 ng/ul

RT: 16.48 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BN011480.D

Acq: 18 Aug 2020 10:17

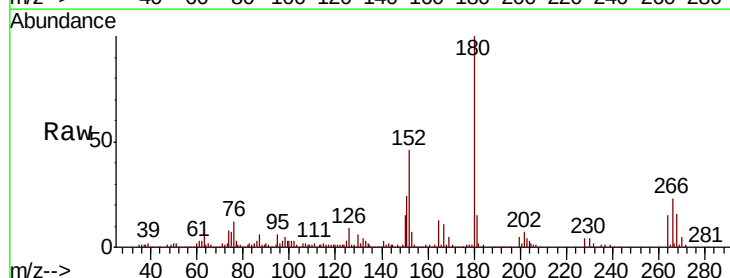
Tgt Ion:266 Resp: 71762

Ion Ratio Lower Upper

266 100

264 64.4 67.9 101.9#

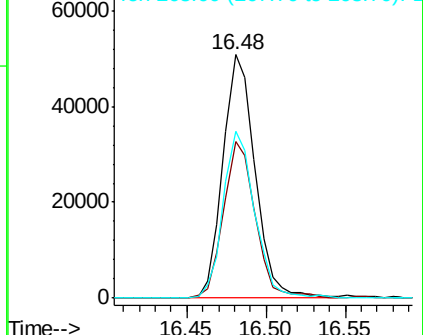
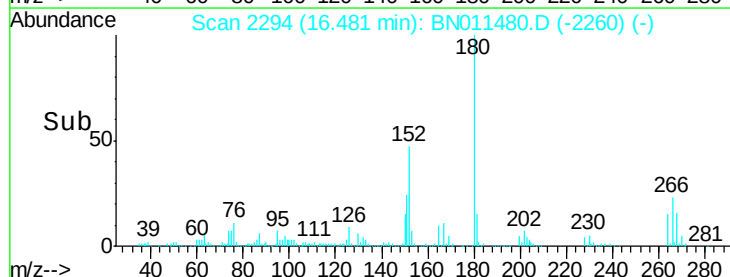
268 68.6 63.4 95.2

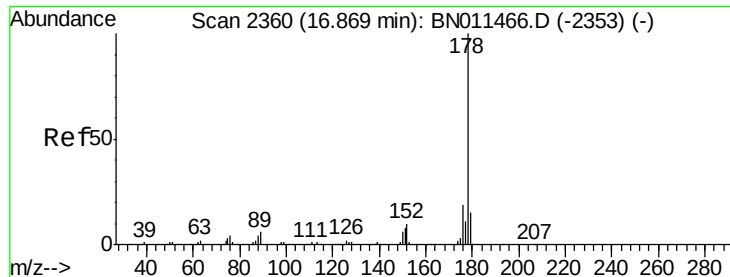


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 27.993 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. -0.00 min

Lab File: BN011480.D

Acq: 18 Aug 2020 10:17

Instrument :

BNA_N

ClientSampleId :

DBFS4

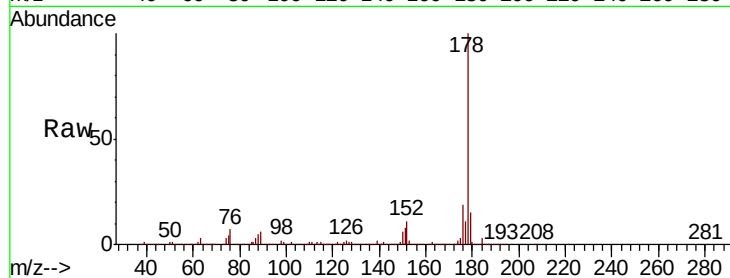
Tot Ion:178 Resp: 1330851

Ion Ratio Lower Upper

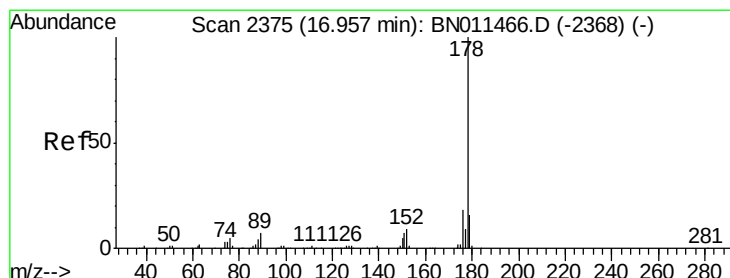
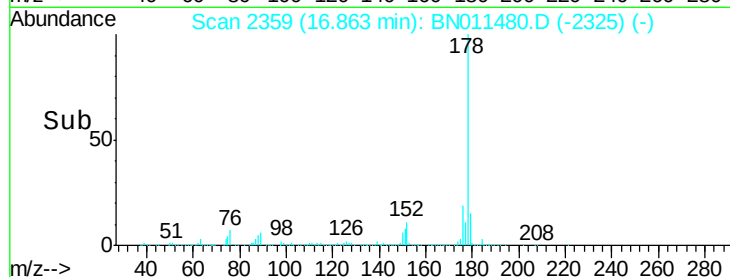
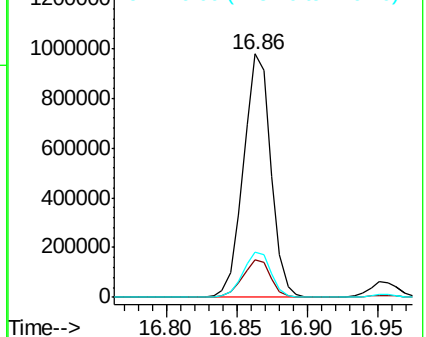
178 100

179 15.4 13.1 19.7

176 18.6 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: 1.867 ng/ul

RT: 16.95 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BN011480.D

Acq: 18 Aug 2020 10:17

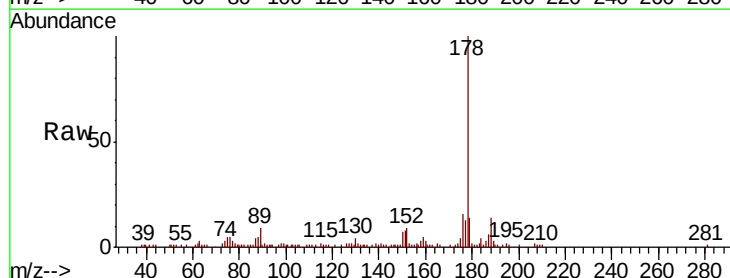
Tgt Ion:178 Resp: 89884

Ion Ratio Lower Upper

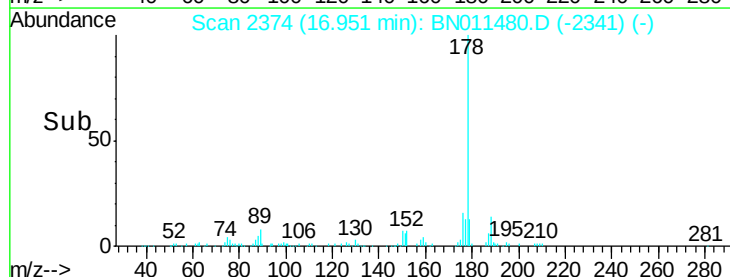
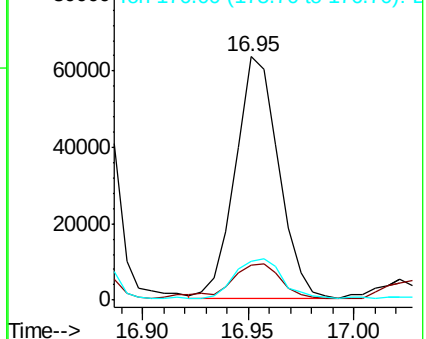
178 100

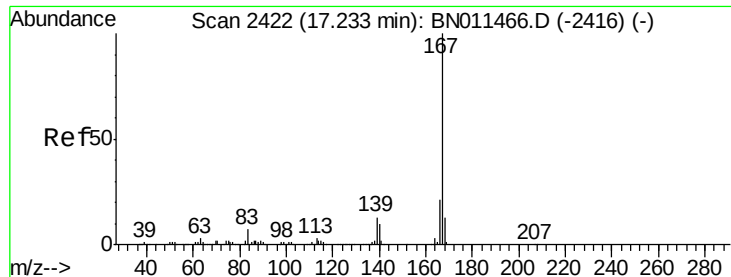
179 14.1 13.0 19.4

176 15.8 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: 118.271 ng/ul
 RT: 17.24 min Scan# 2423
 Delta R.T. 0.01 min
 Lab File: BN011480.D
 Acq: 18 Aug 2020 10:17

Instrument :
 BNA_N
 ClientSampleId :
 DBFS4

Tot Ion:167 Resp: 4789415
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.2 25.8
 139 13.3 10.2 15.2

