

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
 Data File : BN009891.D
 Acq On : 25 Feb 2020 09:04
 Operator : CG/JU
 Sample : L1424-22DL 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5B30DL

Quant Time: Feb 25 15:26:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 25 07:22:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	98654	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	414848	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	269557	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	551124	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	574081	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	580921	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.62	99	5314	0.63	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	18121	3.13	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	14644	2.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	10742	1.61	ng/ul	0.01
19) Nitrobenzene-d5	8.54	128	9853	3.25	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	9420	2.84	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.79	165	17344	2.72	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.45	166	72656	3.61	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	85079	3.59	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.03	176	64523	3.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.89	188	100335	3.97	ng/ul	0.00
79) Pyrene-d10	19.19	212	110661	3.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	107268	3.70	ng/ul	0.00

Target Compounds

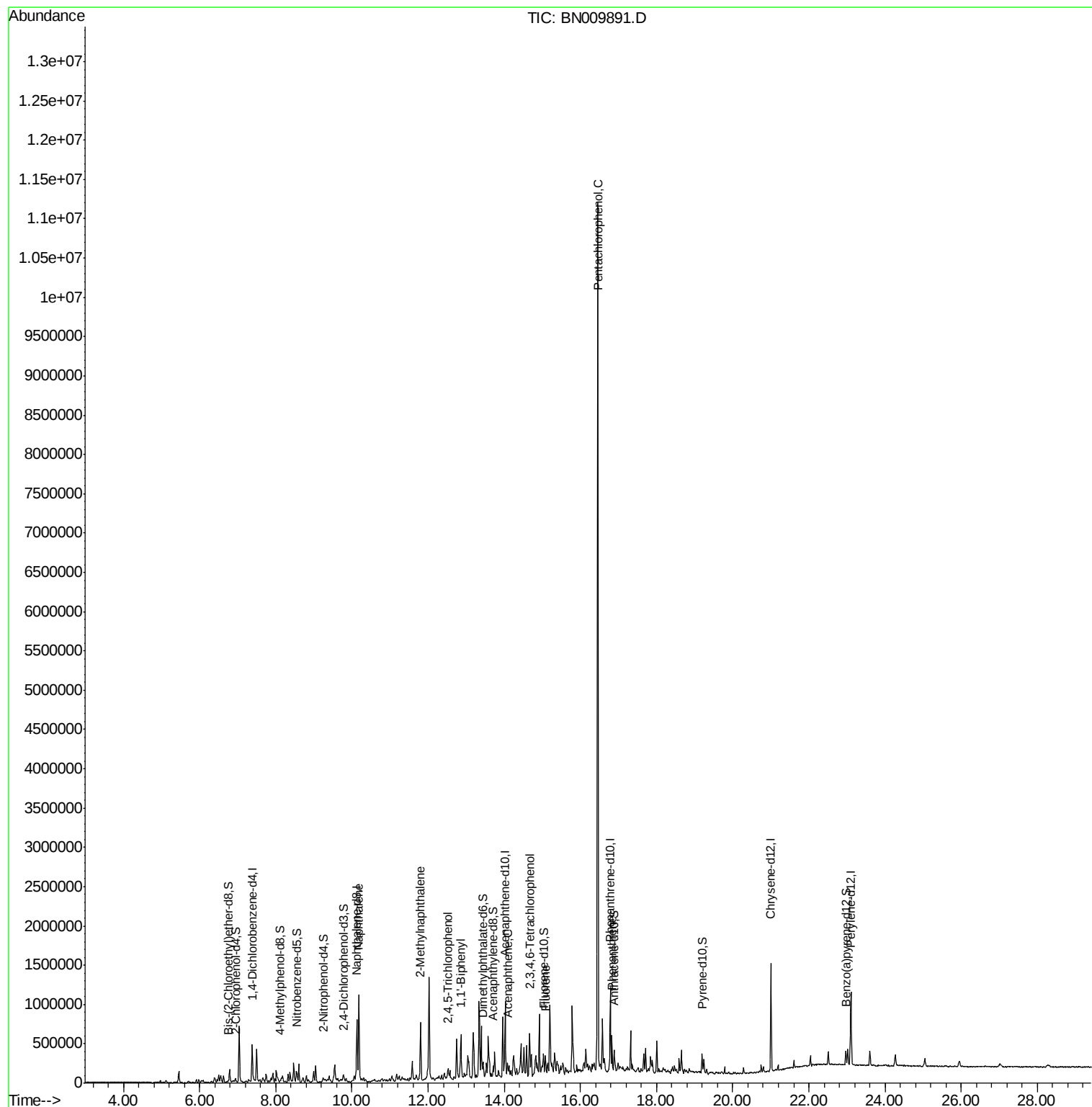
					Ovalue	
28) Naphthalene	10.18	128	738383	33.006	ng/ul	100
34) 2-Methylnaphthalene	11.80	142	306518	19.733	ng/ul	99
40) 2,4,5-Trichlorophenol	12.52	196	24604	4.523	ng/ul	91
41) 1,1'-Biphenyl	12.85	154	66202	3.198	ng/ul	99
50) Acenaphthene	14.09	153	35446	2.015	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.67	232	65255	13.951	ng/ul#	95
59) Fluorene	15.09	166	56424	2.722	ng/ul#	97
69) Pentachlorophenol	16.46	266	1686437	478.226	ng/ul	94
70) Phenanthrene	16.83	178	235695	7.494	ng/ul	96

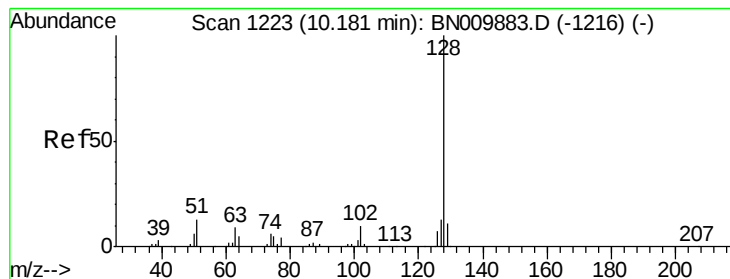
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 25 07:22:29 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 33.006 ng/ul

RT: 10.18 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BN009891.D

Acq: 25 Feb 2020 09:04

Instrument :

BNA_N

ClientSampleId :

C5B30DL

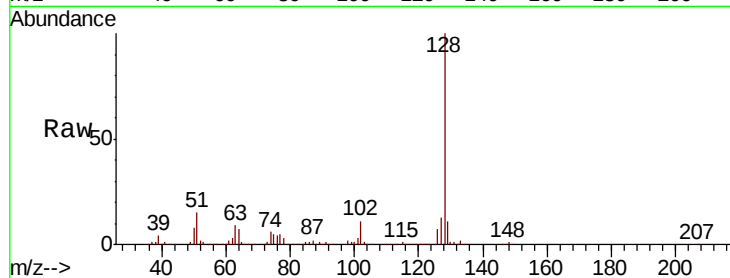
Tot Ion:128 Resp: 738383

Ion Ratio Lower Upper

128 100

129 10.5 8.6 13.0

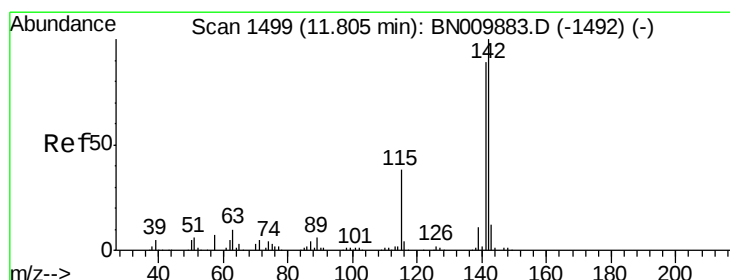
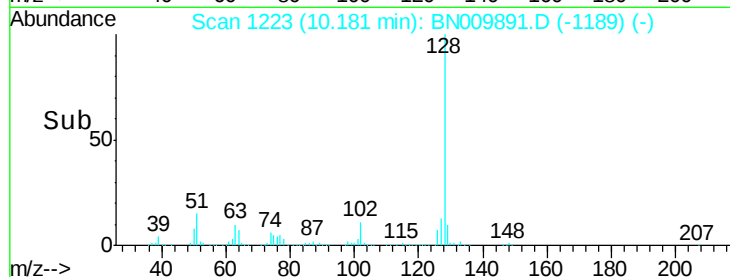
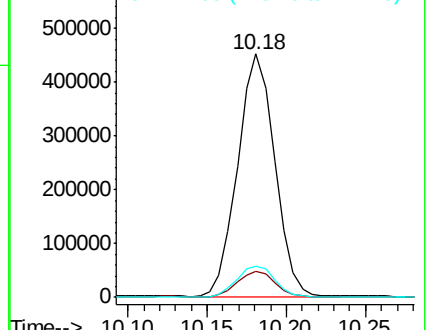
127 12.9 10.3 15.5



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



#34

2-Methylnaphthalene

Concen: 19.733 ng/ul

RT: 11.80 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BN009891.D

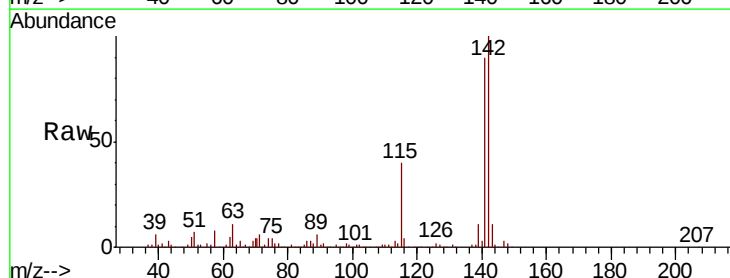
Acq: 25 Feb 2020 09:04

Tgt Ion:142 Resp: 306518

Ion Ratio Lower Upper

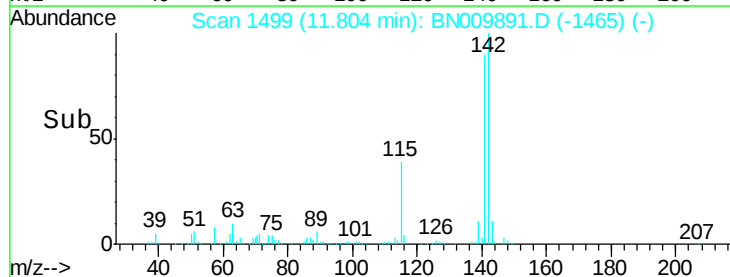
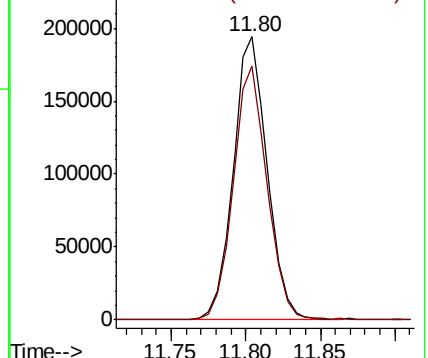
142 100

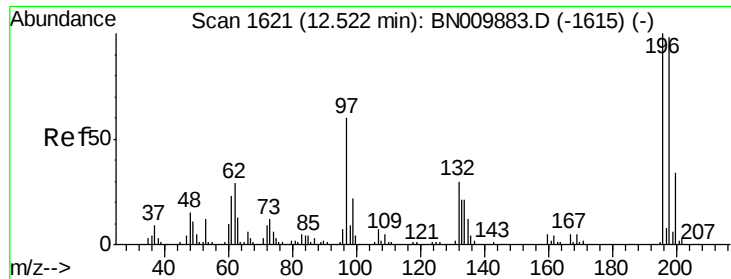
141 89.6 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

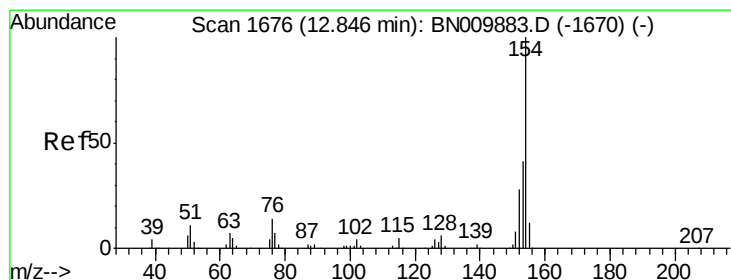
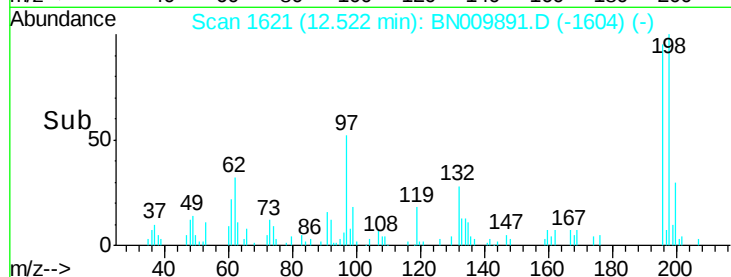
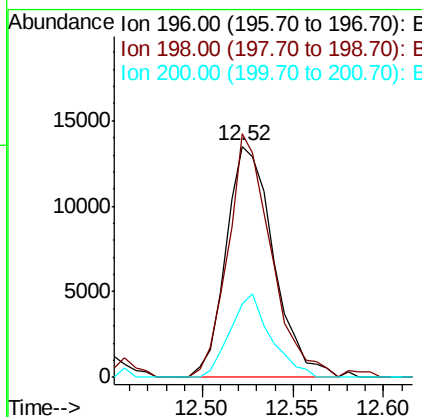
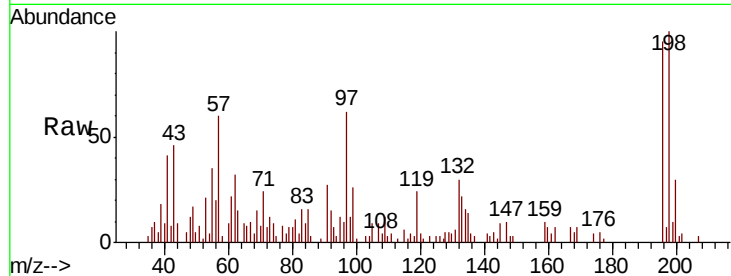




#40
 2,4,5-Trichlorophenol
 Concen: 4.523 ng/ul
 RT: 12.52 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BN009891.D
 Acq: 25 Feb 2020 09:04

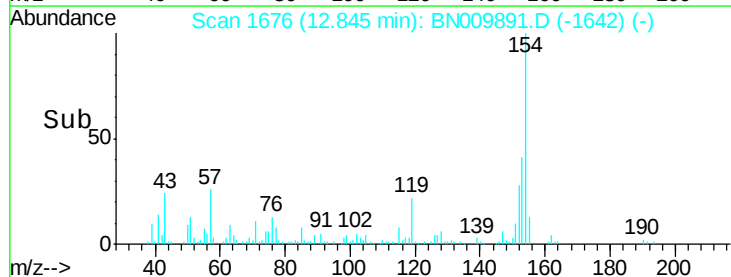
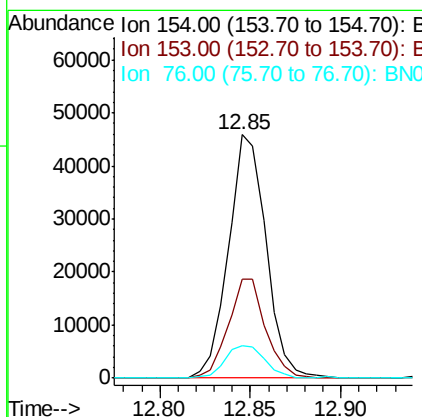
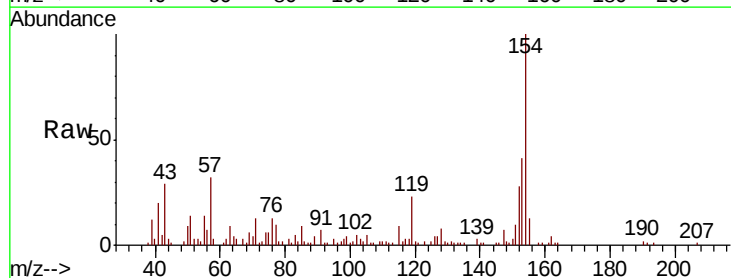
Instrument :
 BNA_N
 ClientSampled :
 C5B30DL

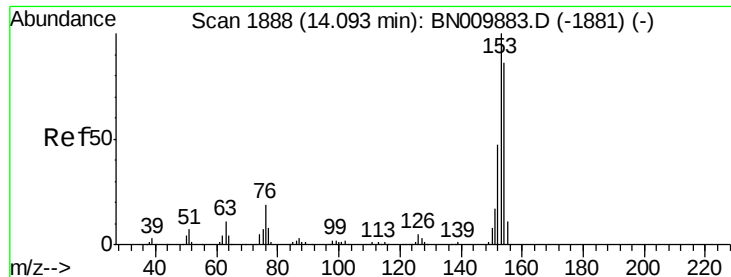
Tot Ion:196 Resp: 24604
 Ion Ratio Lower Upper
 196 100
 198 105.3 75.0 112.6
 200 31.4 24.2 36.4



#41
 1,1'-Biphenyl
 Concen: 3.198 ng/ul
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BN009891.D
 Acq: 25 Feb 2020 09:04

Tgt Ion:154 Resp: 66202
 Ion Ratio Lower Upper
 154 100
 153 40.7 33.2 49.8
 76 13.5 11.0 16.4





#50

Acenaphthene

Concen: 2.015 ng/ul

RT: 14.09 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BN009891.D

Acq: 25 Feb 2020 09:04

Instrument :

BNA_N

ClientSampleId :

C5B30DL

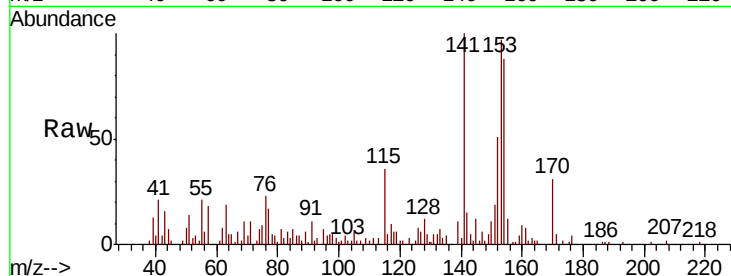
Tot Ion:153 Resp: 35446

Ion Ratio Lower Upper

153 100

152 52.2 36.6 54.8

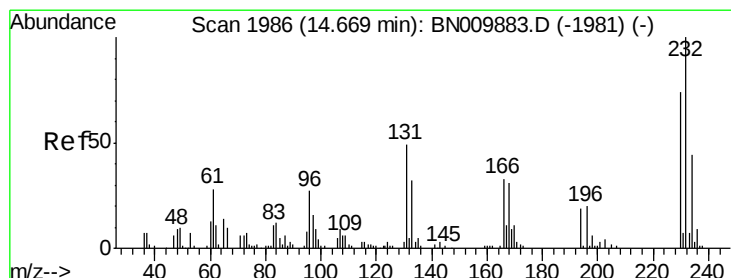
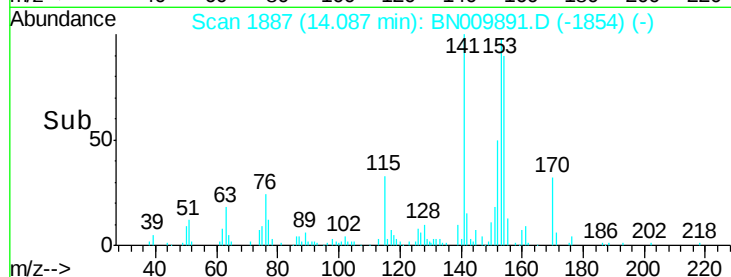
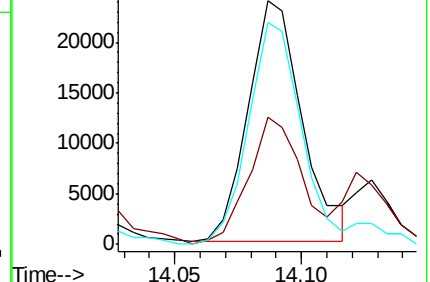
154 91.2 70.6 106.0



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



#56

2,3,4,6-Tetrachlorophenol

Concen: 13.951 ng/ul

RT: 14.67 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BN009891.D

Acq: 25 Feb 2020 09:04

Tgt Ion:232 Resp: 65255

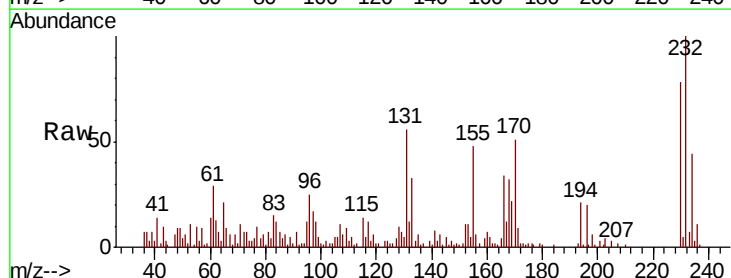
Ion Ratio Lower Upper

232 100

131 55.8 40.6 60.8

130 4.8 2.2 3.4#

166 34.5 26.6 39.8

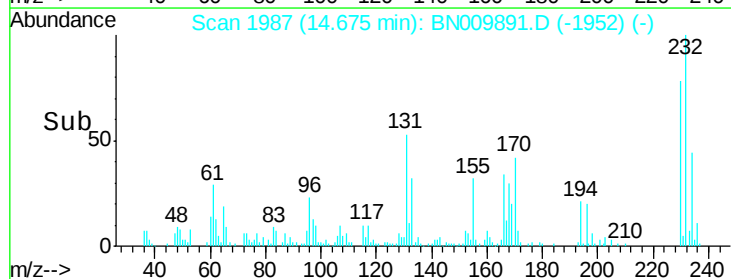
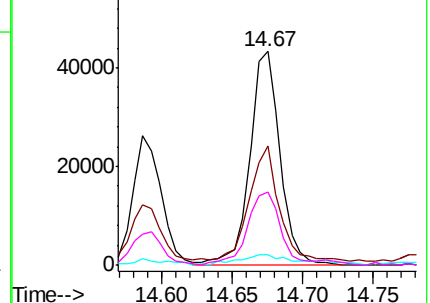


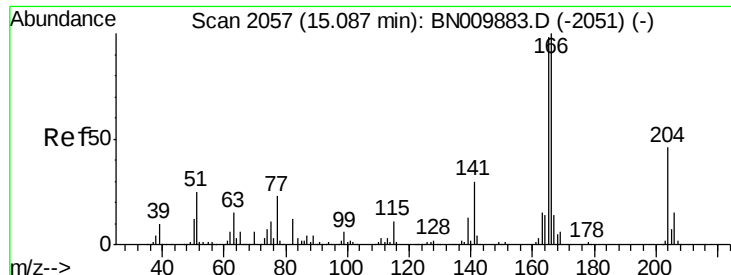
Abundance Ion 232.00 (231.70 to 232.70): E

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: 2.722 ng/ul

RT: 15.09 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BN009891.D

Acq: 25 Feb 2020 09:04

Instrument :

BNA_N

ClientSampleId :

C5B30DL

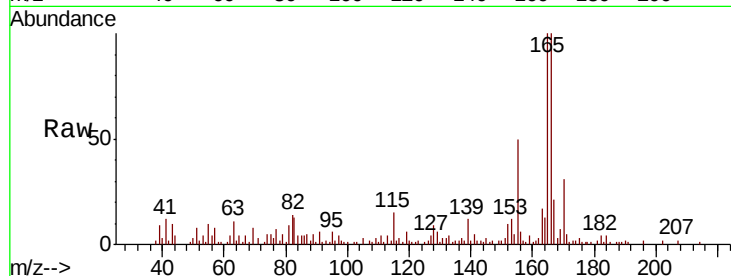
Tot Ion:166 Resp: 56424

Ion Ratio Lower Upper

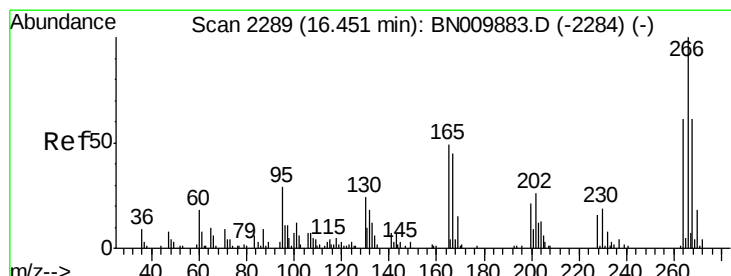
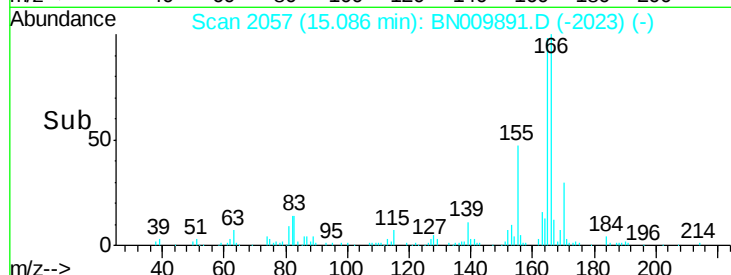
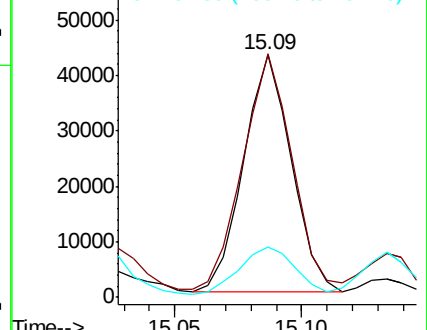
166 100

165 100.3 79.8 119.8

167 20.8 10.7 16.1#



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: 478.226 ng/ul

RT: 16.46 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BN009891.D

Acq: 25 Feb 2020 09:04

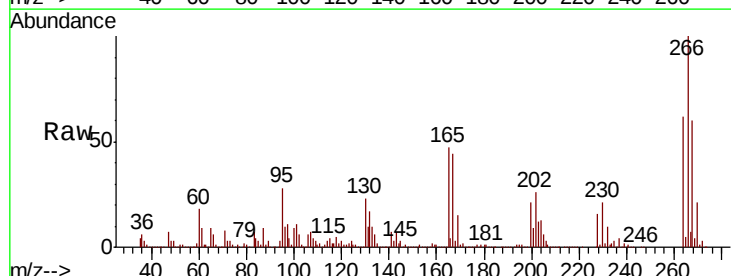
Tgt Ion:266 Resp: 1686437

Ion Ratio Lower Upper

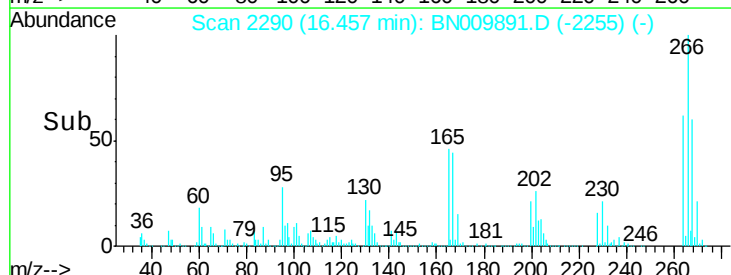
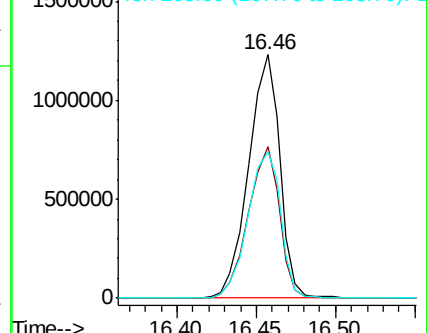
266 100

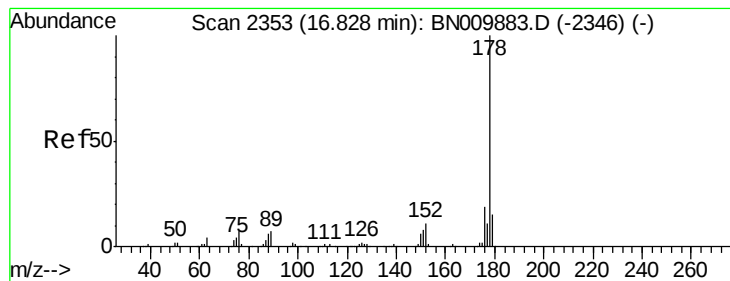
264 62.3 52.9 79.3

268 60.2 52.5 78.7



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: 7.494 ng/ul

RT: 16.83 min Scan# 2353

Delta R.T. -0.00 min

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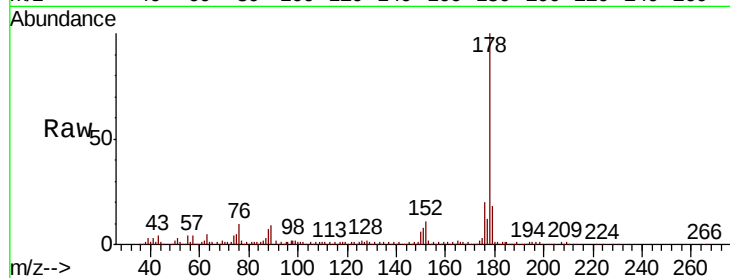
Tot Ion:178 Resp: 235695

Ion Ratio Lower Upper

178 100

179 17.6 12.5 18.7

176 19.7 14.6 22.0



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

