

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
 Data File : BN033872.D
 Acq On : 11 Sep 2024 22:10
 Operator : JU/RC
 Sample : P3878-03DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC47DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 12 03:21:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 01:58:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	260331	20.000	ng/u1	0.00
20) Naphthalene-d8	10.258	136	1139119	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.146	164	776580	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.904	188	1679207	20.000	ng/u1	0.00
79) Chrysene-d12	21.128	240	1647654	20.000	ng/u1	0.00
88) Perylene-d12	23.910	264	1994166	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	1948	0.305	ng/uL	0.00
4) Pyridine-d5	3.517	84	37238	1.964	ng/u1	0.01
7) Phenol-d5	6.693	99	57996	2.510	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.852	67	42794	2.985	ng/u1	0.00
11) 2-Chlorophenol-d4	7.040	132	39681	2.182	ng/u1	0.00
15) 4-Methylphenol-d8	8.211	113	39367	2.071	ng/u1	0.00
21) Nitrobenzene-d5	8.640	128	24272	2.673	ng/u1	0.00
24) 2-Nitrophenol-d4	9.352	143	19785	2.119	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.893	165	40595	2.309	ng/u1	0.00
31) 4-Chloroaniline-d4	10.381	131	130597	4.906	ng/u1	-0.02
46) Dimethylphthalate-d6	13.563	166	133973	2.308	ng/u1	0.00
49) Acenaphthylene-d8	13.828	160	154824	2.371	ng/u1	0.00
54) 4-Nitrophenol-d4	14.369	143	31420	2.638	ng/u1	0.00
60) Fluorene-d10	15.146	176	123191	2.505	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	56316m	5.625	ng/u1	0.03
73) Anthracene-d10	16.998	188	189663m	2.402	ng/u1	0.00
81) Pyrene-d10	19.298	212	219913	2.395	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.710	264	239357	2.337	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.310	128	514239	8.253	ng/u1	97
36) 2-Methylnaphthalene	11.934	142	1047968	24.417	ng/u1	99
37) 1-Methylnaphthalene	12.157	142	609489	14.029	ng/u1	98
43) 1,1'-Biphenyl	12.969	154	76217	1.302	ng/u1#	61
52) Acenaphthene	14.204	153	66753	1.309	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	14.787	232	1986607	146.645	ng/u1	95
61) Fluorene	15.198	166	108879	1.908	ng/u1#	94
71) Pentachlorophenol	16.598	266	16569352	1257.009	ng/u1	95
72) Phenanthrene	16.945	178	553162	5.974	ng/u1	98

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

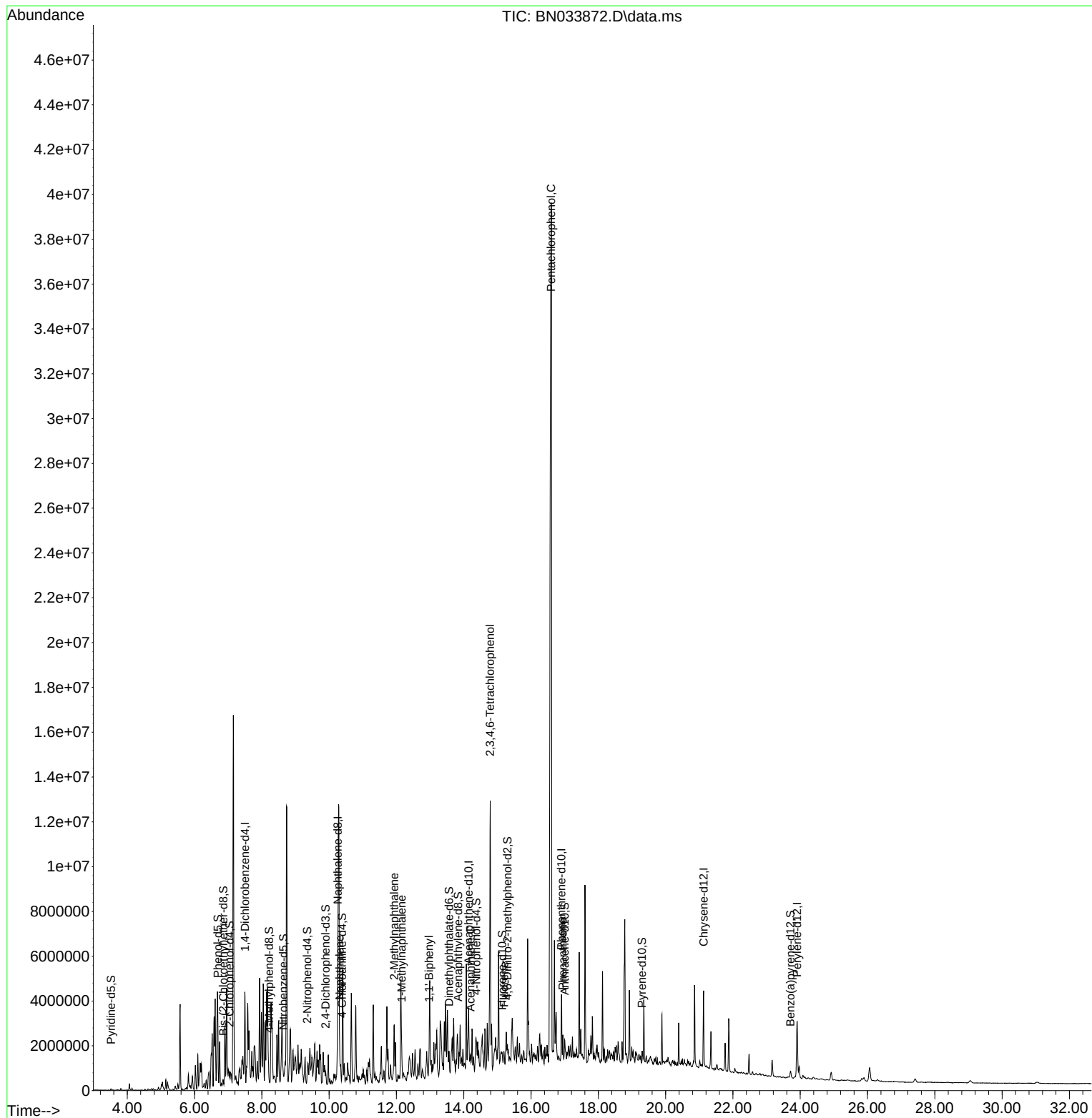
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
Data File : BN033872.D
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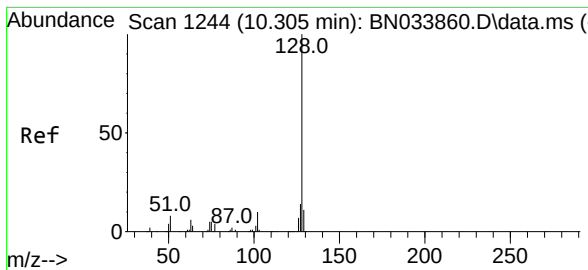
Instrument :
BNA_N
ClientSampleId :
DDC47DL

Quant Time: Sep 12 03:21:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 01:58:59 2024
Response via : Initial Calibration

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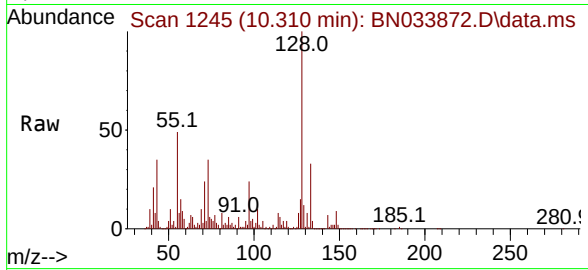
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024





#30
Naphthalene
Concen: 8.253 ng/ul
RT: 10.310 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BN033872.D
Acq: 11 Sep 2024 22:10

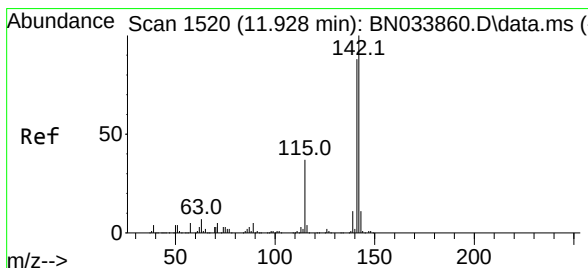
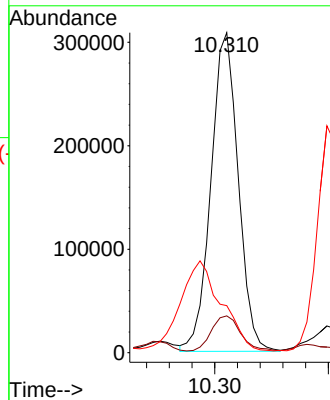
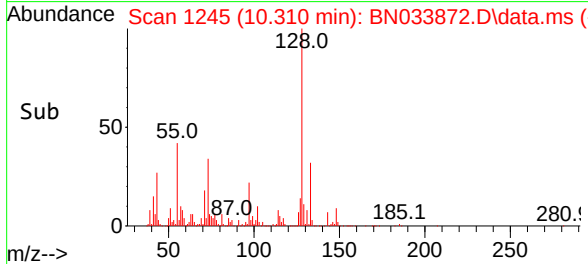
Instrument :
BNA_N
ClientSampleId :
DDC47DL



Tgt Ion:128 Resp: 514239
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 14.7 10.6 16.0

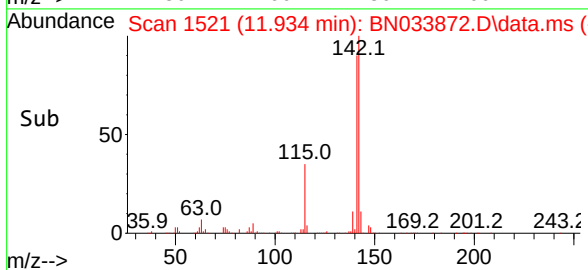
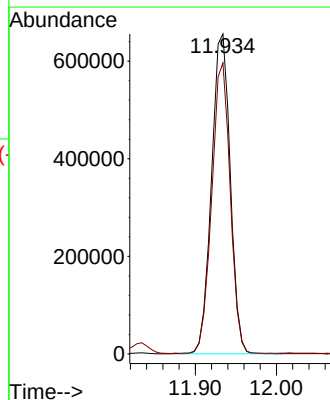
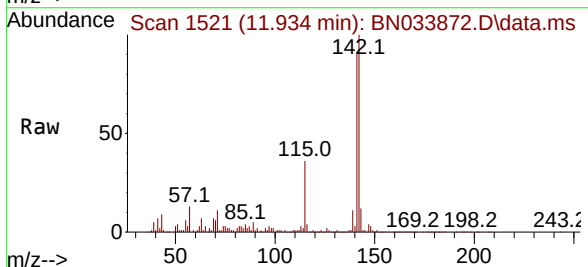
Manual Integrations
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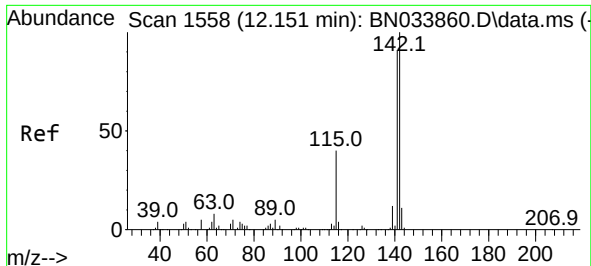
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024



#36
2-Methylnaphthalene
Concen: 24.417 ng/ul
RT: 11.934 min Scan# 1521
Delta R.T. 0.006 min
Lab File: BN033872.D
Acq: 11 Sep 2024 22:10

Tgt Ion:142 Resp: 1047968
Ion Ratio Lower Upper
142 100
141 91.0 72.2 108.2





#37

1-Methylnaphthalene

Concen: 14.029 ng/ul

RT: 12.157 min Scan# 1558

Delta R.T. 0.000 min

Lab File: BN033872.D

Acq: 11 Sep 2024 22:10

Instrument :

BNA_N

ClientSampleId :

DDC47DL

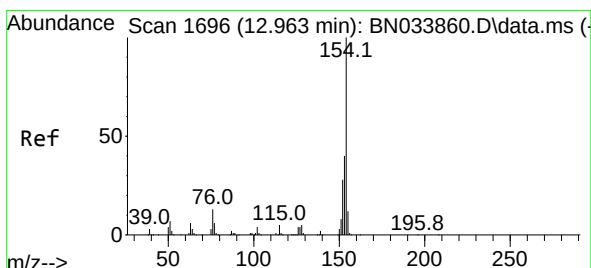
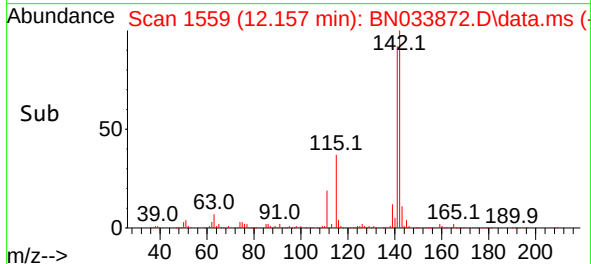
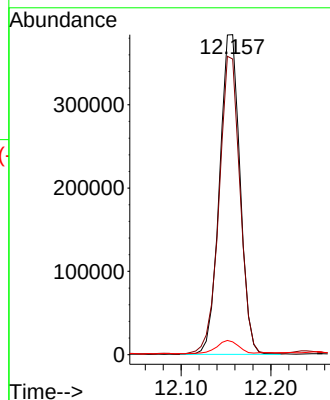
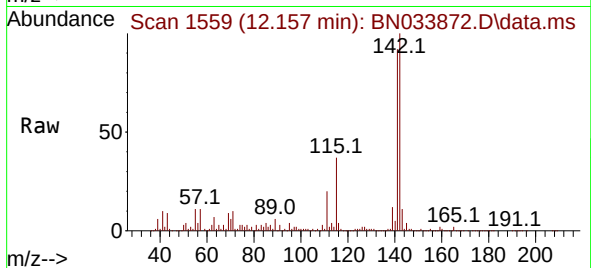
Tgt Ion:142 Resp: 609489

Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.5	108.7
116	4.0	3.2	4.8

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#43

1,1'-Biphenyl

Concen: 1.302 ng/ul

RT: 12.969 min Scan# 1697

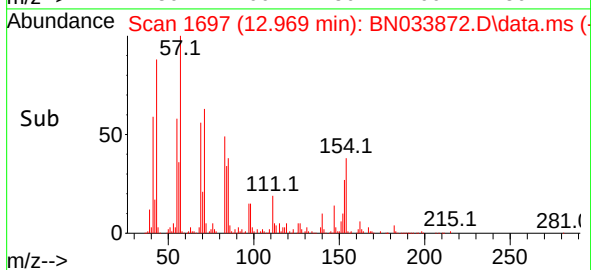
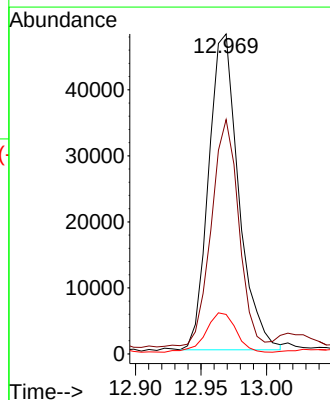
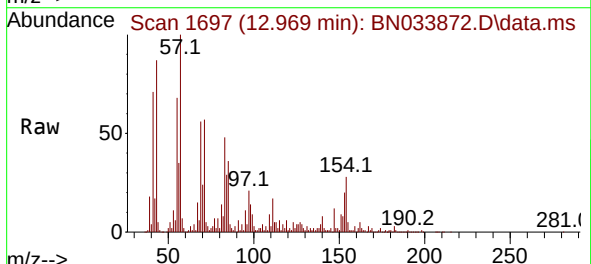
Delta R.T. 0.000 min

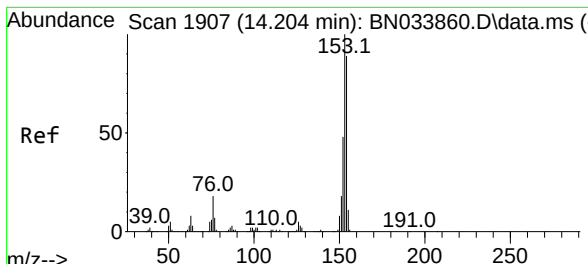
Lab File: BN033872.D

Acq: 11 Sep 2024 22:10

Tgt Ion:154 Resp: 76217

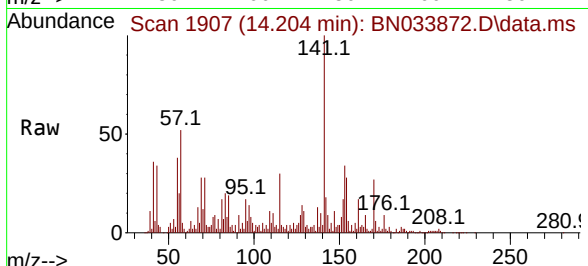
Ion	Ratio	Lower	Upper
154	100		
153	73.3	33.3	49.9#
76	12.3	10.2	15.4





#52
Acenaphthene
Concen: 1.309 ng/ul
RT: 14.204 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BN033872.D
Acq: 11 Sep 2024 22:10

Instrument :
BNA_N
ClientSampleId :
DDC47DL

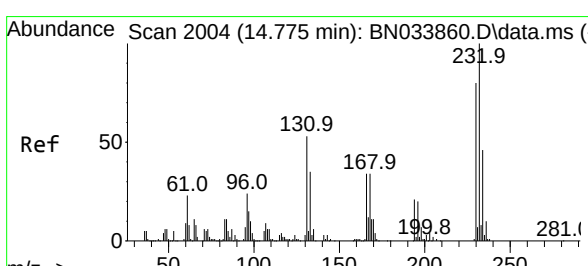
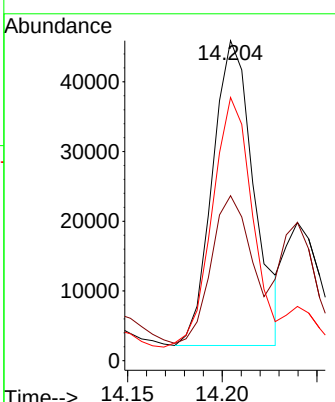
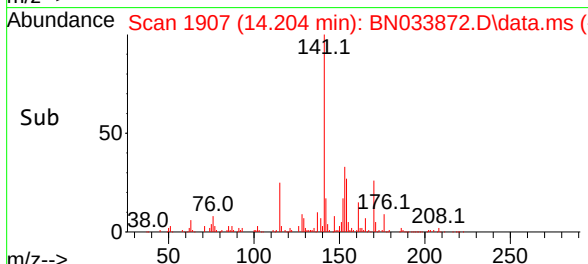


Tgt Ion:153 Resp: 6675

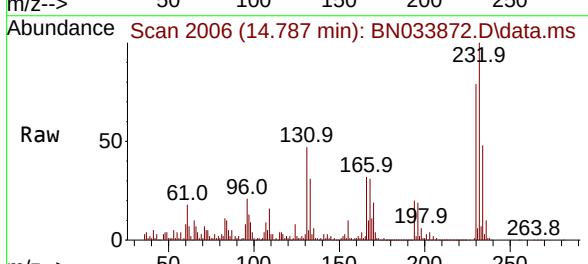
Ion	Ratio	Lower	Upper
153	100		
152	51.5	37.8	56.8
154	82.3	71.2	106.8

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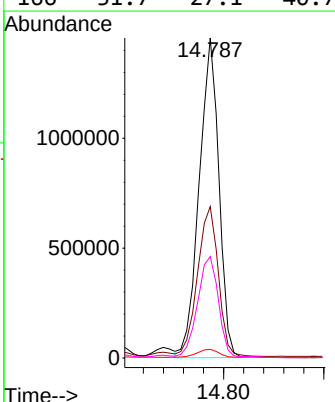
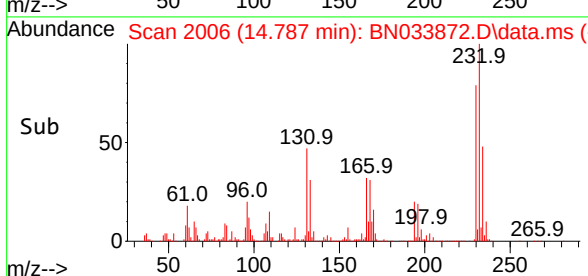


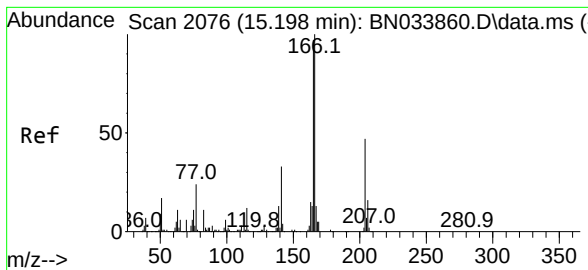
#58
2,3,4,6-Tetrachlorophenol
Concen: 146.645 ng/ul
RT: 14.787 min Scan# 2006
Delta R.T. 0.012 min
Lab File: BN033872.D
Acq: 11 Sep 2024 22:10



Tgt Ion:232 Resp: 1986607

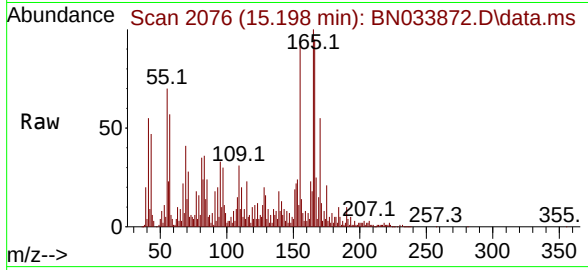
Ion	Ratio	Lower	Upper
232	100		
131	47.3	41.0	61.6
130	2.7	2.2	3.2
166	31.7	27.1	40.7





#61
 Fluorene
 Concen: 1.908 ng/ul
 RT: 15.198 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: BN033872.D
 Acq: 11 Sep 2024 22:10

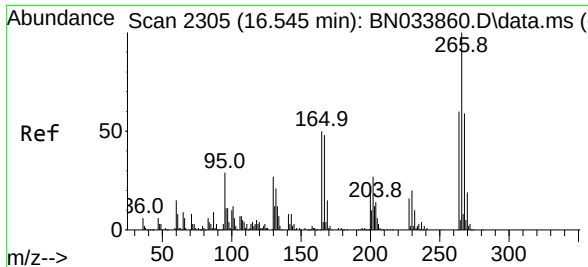
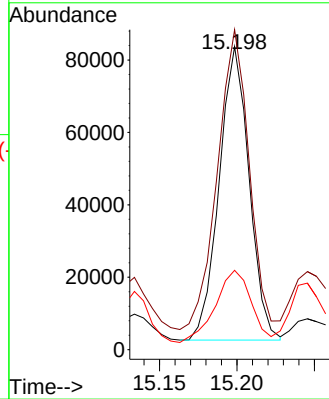
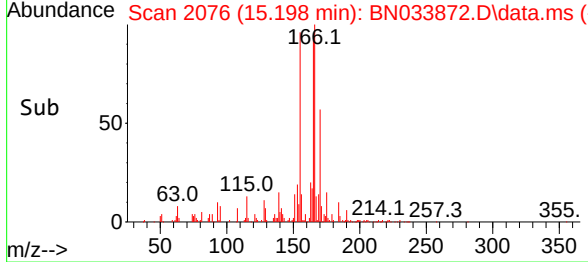
Instrument :
 BNA_N
 ClientSampleId :
 DDC47DL



Tgt Ion:166 Resp: 108879
 Ion Ratio Lower Upper
 166 100
 165 105.6 81.9 122.9
 167 26.2 10.9 16.3

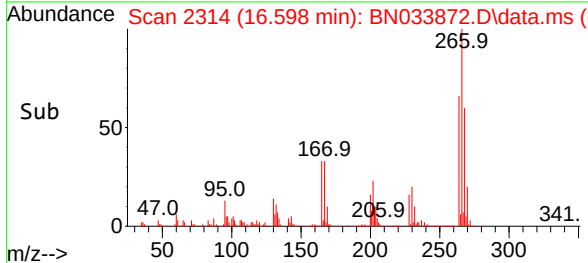
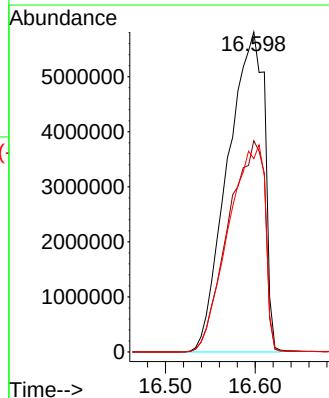
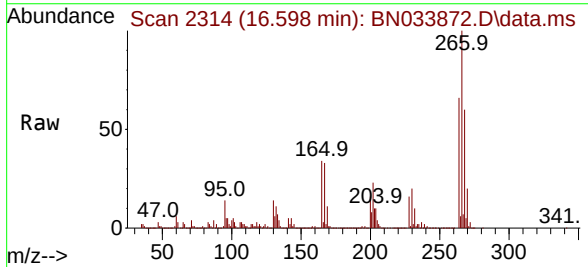
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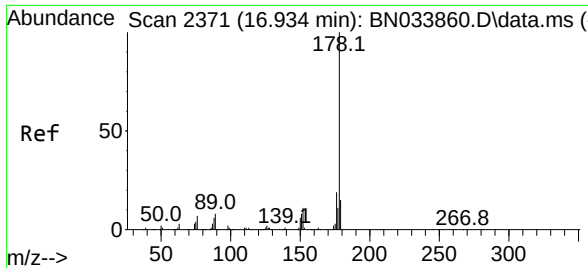
Reviewed By :Jagrut Upadhyay 09/12/2024
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#71
 Pentachlorophenol
 Concen: 1257.009 ng/ul
 RT: 16.598 min Scan# 2314
 Delta R.T. 0.047 min
 Lab File: BN033872.D
 Acq: 11 Sep 2024 22:10

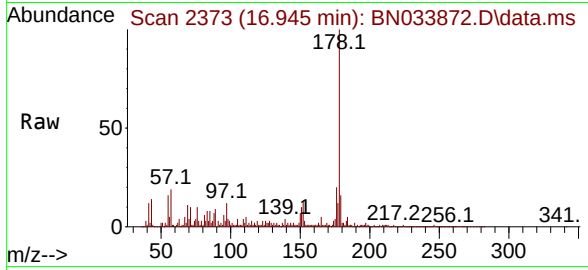
Tgt Ion:266 Resp:16569352
 Ion Ratio Lower Upper
 266 100
 264 66.0 51.1 76.7
 268 60.4 52.8 79.2





#72
 Phenanthrene
 Concen: 5.974 ng/ul
 RT: 16.945 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BN033872.D
 Acq: 11 Sep 2024 22:10

Instrument :
 BNA_N
 ClientSampleId :
 DDC47DL



Tgt Ion:178 Resp: 553162
 Ion Ratio Lower Upper
 178 100
 179 16.3 11.9 17.9
 176 19.5 15.2 22.8

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