

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
 Data File : BN034361.D
 Acq On : 03 Oct 2024 08:39
 Operator : RC/JU
 Sample : P4017-21
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DD7CD7

Quant Time: Oct 03 09:09:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 30 14:14:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	220448	20.000	ng/ul	0.00
20) Naphthalene-d8	10.140	136	841672	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.040	164	531551	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.804	188	1100138	20.000	ng/ul	0.00
79) Chrysene-d12	21.027	240	1091058	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	1372756	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	18023	3.336	ng/uL	0.00
4) Pyridine-d5	3.399	84	98020	6.104	ng/ul	0.01
7) Phenol-d5	6.587	99	311192	15.906	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.740	67	197413	16.263	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	277611	18.026	ng/ul	0.00
15) 4-Methylphenol-d8	8.105	113	248113	15.412	ng/ul	0.00
21) Nitrobenzene-d5	8.528	128	129888	19.361	ng/ul	0.00
24) 2-Nitrophenol-d4	9.240	143	139420	20.210	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.781	165	242919	18.698	ng/ul	0.00
31) 4-Chloroaniline-d4	10.299	131	207318	10.540	ng/ul	0.00
46) Dimethylphthalate-d6	13.463	166	719117	18.103	ng/ul	0.00
49) Acenaphthylene-d8	13.722	160	853682	19.103	ng/ul	0.00
54) 4-Nitrophenol-d4	14.275	143	109916	13.482	ng/ul	0.00
60) Fluorene-d10	15.040	176	629611	18.701	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	166171m	25.333	ng/ul	0.00
73) Anthracene-d10	16.898	188	987965	19.101	ng/ul	0.00
81) Pyrene-d10	19.204	212	1139679	18.748	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.557	264	1328762	18.844	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.187	128	486843	10.575	ng/ul#	91
36) 2-Methylnaphthalene	11.816	142	913426	28.804	ng/ul	99
37) 1-Methylnaphthalene	12.040	142	512870	15.977	ng/ul	97
41) 2,4,6-Trichlorophenol	12.451	196	11816	1.161	ng/ul	95
42) 2,4,5-Trichlorophenol	12.522	196	34660	3.102	ng/ul	97
43) 1,1'-Biphenyl	12.857	154	51699	1.290	ng/ul#	78
52) Acenaphthene	14.098	153	51014	1.461	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.687	232	1576398	170.005	ng/ul	89
61) Fluorene	15.098	166	80243	2.055	ng/ul#	93
71) Pentachlorophenol	16.487	266	8174769m	946.598	ng/ul	
72) Phenanthrene	16.845	178	408395	6.732	ng/ul	97

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

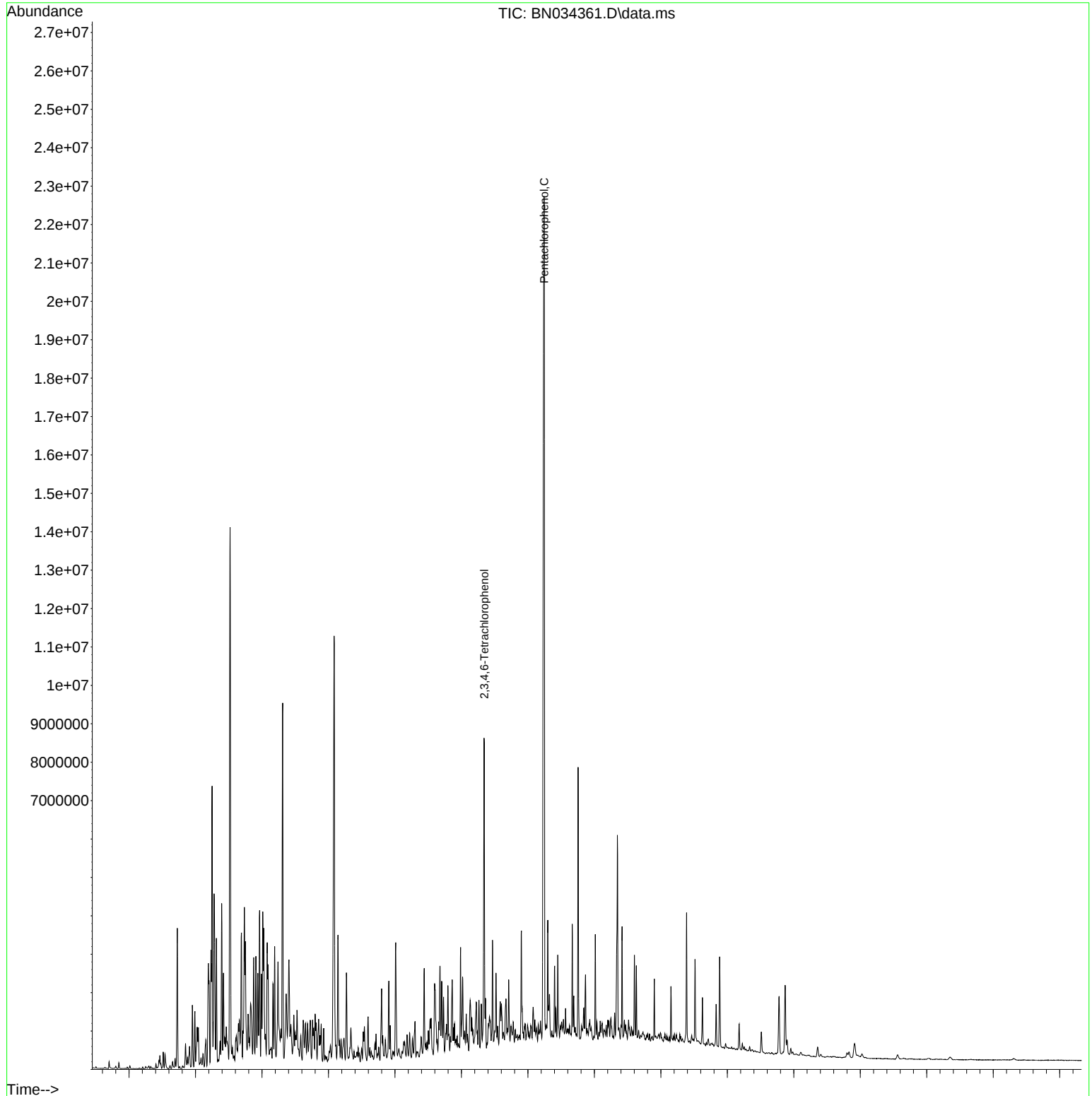
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034361.D
Acq On : 03 Oct 2024 08:39
Operator : RC/JU
Sample : P4017-21
Misc :
ALS Vial : 31 Sample Multiplier: 1

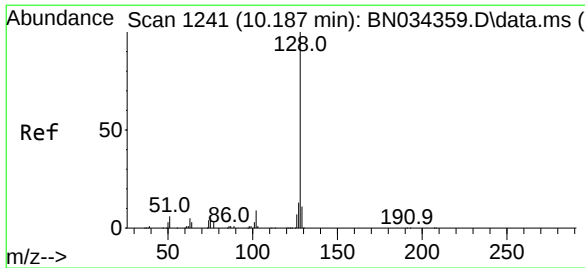
Instrument :
BNA_N
ClientSampleId :
DDCD7

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Supervised By :mohammad ahmed 10/05/2024

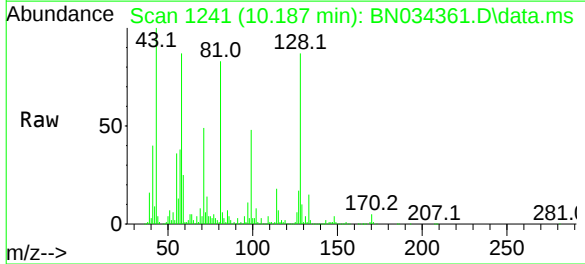
Quant Time: Oct 03 09:09:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 10.575 ng/u1
RT: 10.187 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BN034361.D
Acq: 03 Oct 2024 08:39

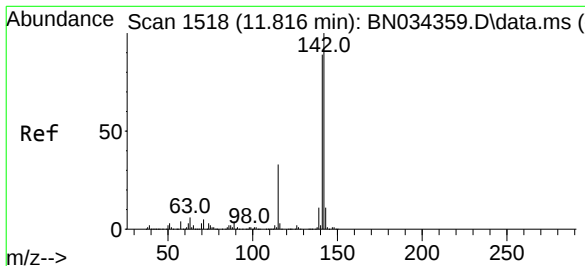
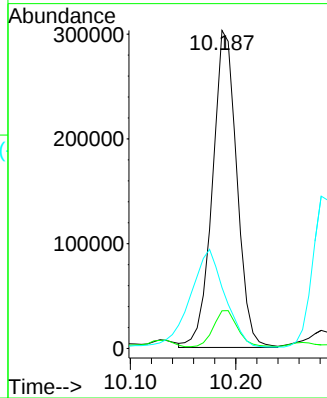
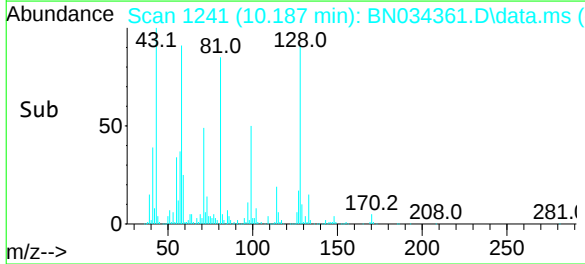
Instrument :
BNA_N
ClientSampleId :
DDCD7



Tgt Ion:128 Resp: 486843
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 19.2 10.6 16.0#

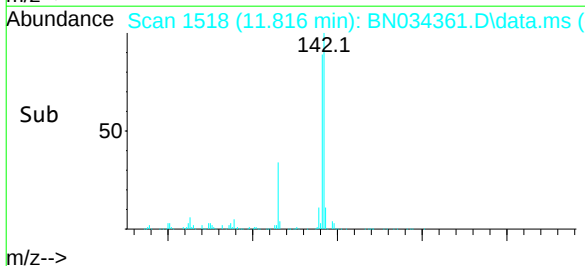
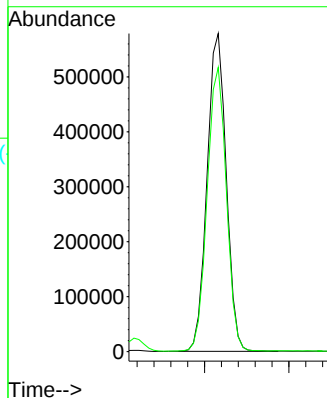
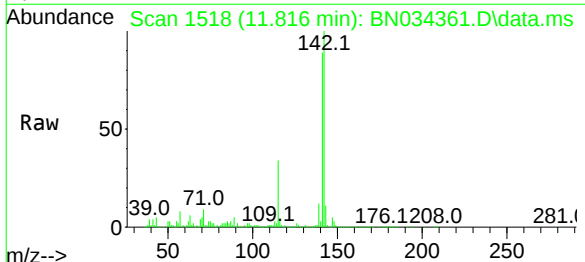
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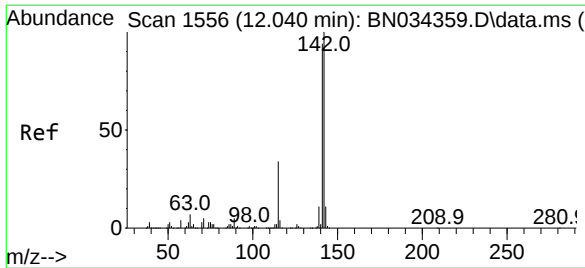
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#36
2-Methylnaphthalene
Concen: 28.804 ng/u1
RT: 11.816 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BN034361.D
Acq: 03 Oct 2024 08:39

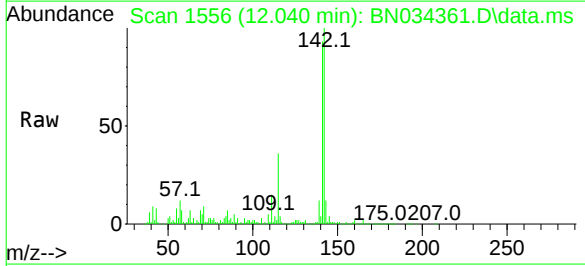
Tgt Ion:142 Resp: 913426
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2





#37
1-Methylnaphthalene
Concen: 15.977 ng/ul
RT: 12.040 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BN034361.D
Acq: 03 Oct 2024 08:39

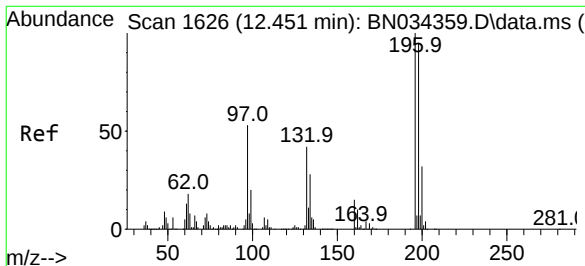
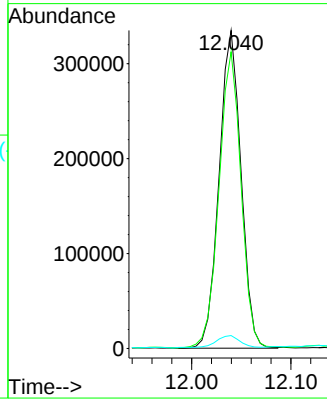
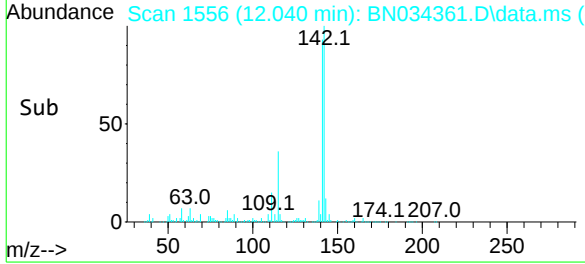
Instrument :
BNA_N
ClientSampleId :
DDCD7



Tgt Ion:142 Resp: 512876
Ion Ratio Lower Upper
142 100
141 93.3 72.5 108.7
116 4.1 3.2 4.8

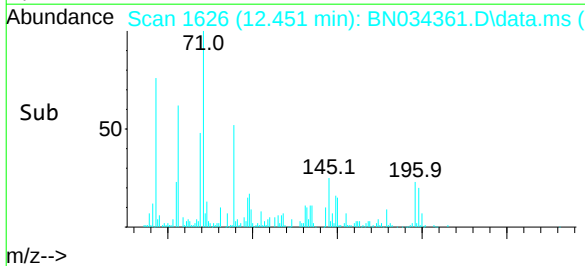
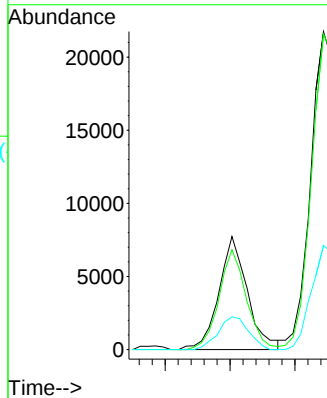
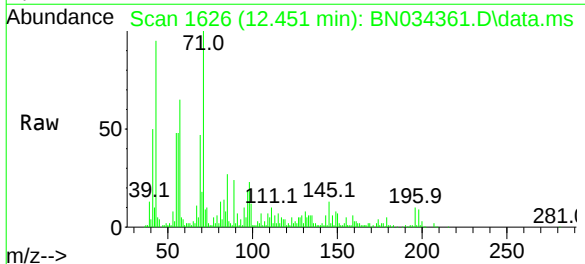
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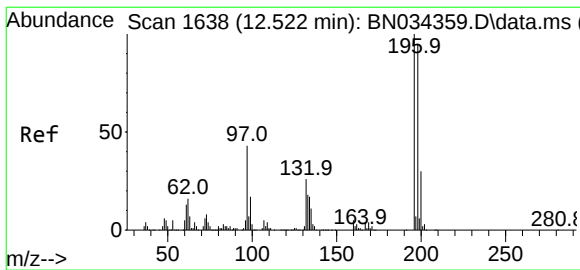
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#41
2,4,6-Trichlorophenol
Concen: 1.161 ng/ul
RT: 12.451 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BN034361.D
Acq: 03 Oct 2024 08:39

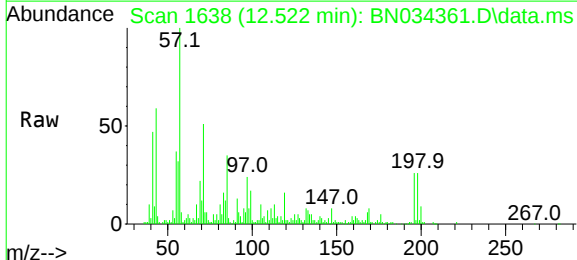
Tgt Ion:196 Resp: 11816
Ion Ratio Lower Upper
196 100
198 88.2 75.0 112.4
200 28.9 24.7 37.1





#42
2,4,5-Trichlorophenol
Concen: 3.102 ng/ul
RT: 12.522 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BN034361.D
Acq: 03 Oct 2024 08:39

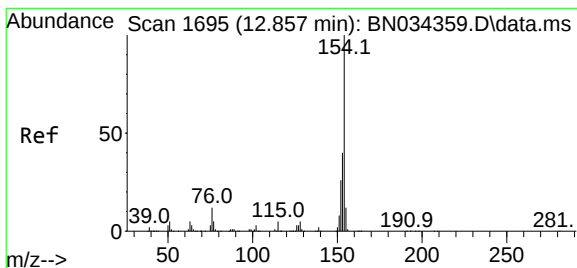
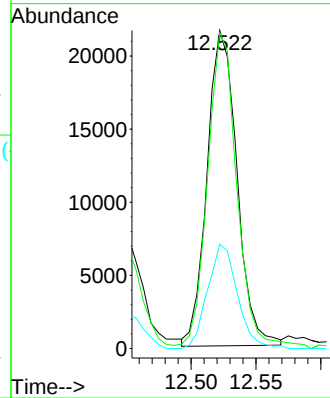
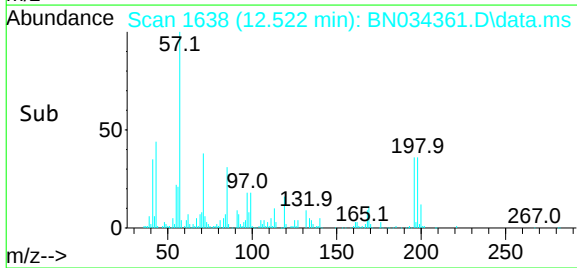
Instrument :
BNA_N
ClientSampleId :
DDCD7



Tgt Ion:196 Resp: 34660
Ion Ratio Lower Upper
196 100
198 99.3 77.1 115.7
200 32.7 25.2 37.8

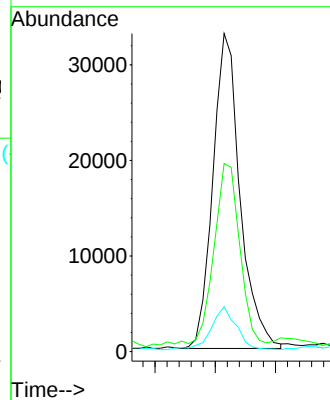
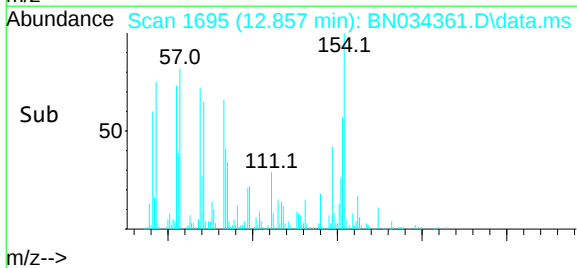
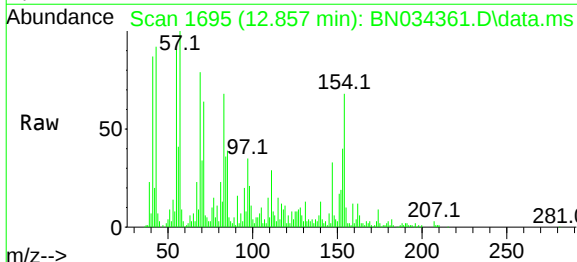
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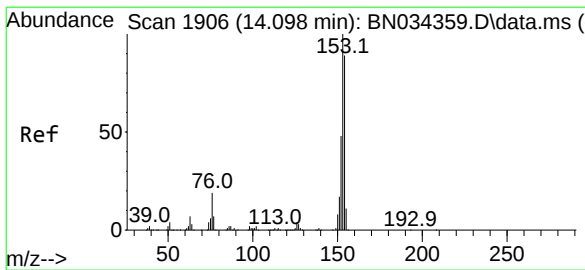
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#43
1,1'-Biphenyl
Concen: 1.290 ng/ul
RT: 12.857 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BN034361.D
Acq: 03 Oct 2024 08:39

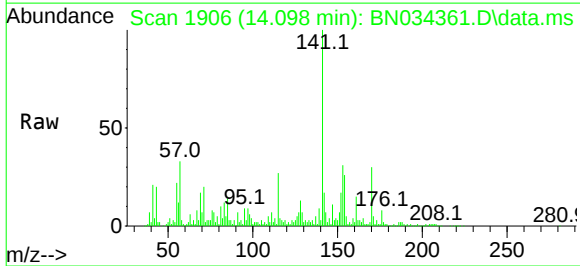
Tgt Ion:154 Resp: 51699
Ion Ratio Lower Upper
154 100
153 59.1 33.3 49.9#
76 14.1 10.2 15.4





#52
Acenaphthene
Concen: 1.461 ng/u1
RT: 14.098 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BN034361.D
Acq: 03 Oct 2024 08:39

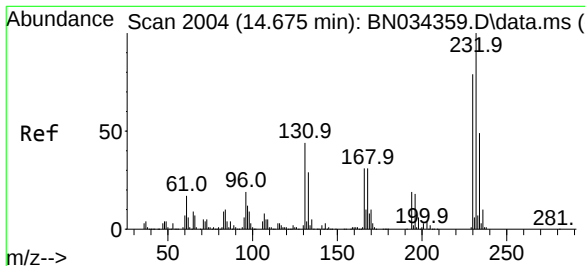
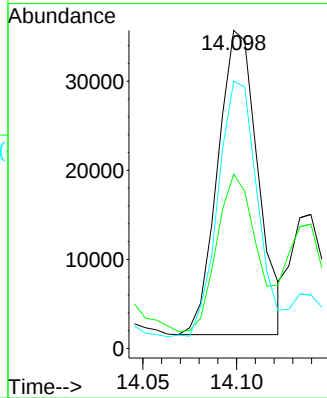
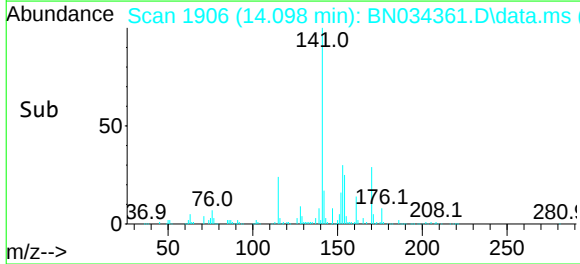
Instrument :
BNA_N
ClientSampleId :
DDCD7



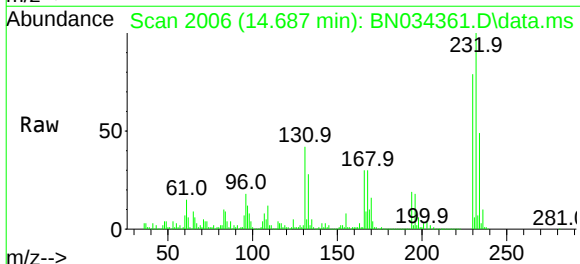
Tgt Ion:153 Resp: 51014
Ion Ratio Lower Upper
153 100
152 54.8 37.8 56.8
154 84.1 71.2 106.8

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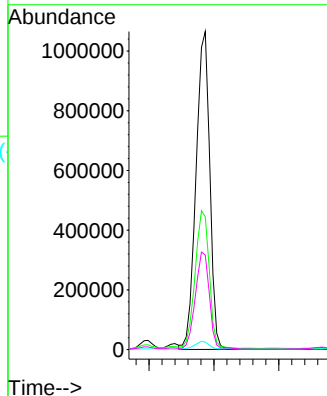
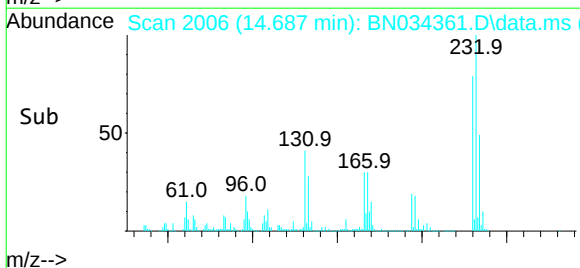
Reviewed By :Yogesh Patel 10/04/2024
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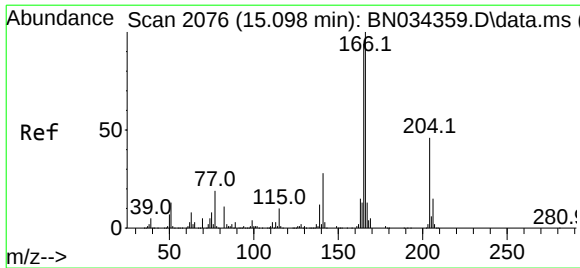


#58
2,3,4,6-Tetrachlorophenol
Concen: 170.005 ng/u1
RT: 14.687 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BN034361.D
Acq: 03 Oct 2024 08:39



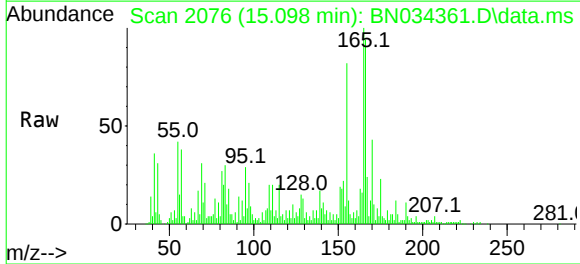
Tgt Ion:232 Resp: 1576398
Ion Ratio Lower Upper
232 100
131 41.7 41.0 61.6
130 2.4 2.2 3.2
166 29.8 27.1 40.7





#61
 Fluorene
 Concen: 2.055 ng/u1
 RT: 15.098 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: BN034361.D
 Acq: 03 Oct 2024 08:39

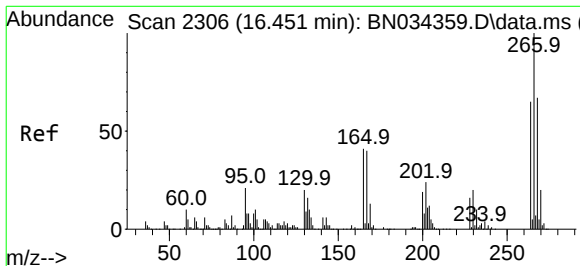
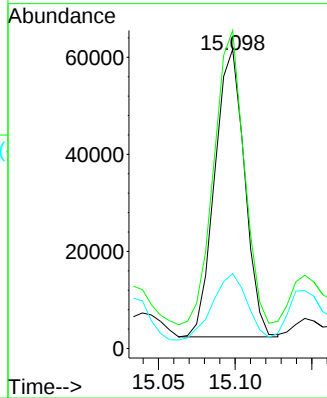
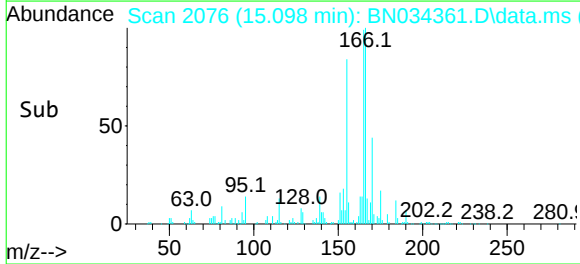
Instrument :
 BNA_N
 ClientSampleId :
 DDCD7



Tgt Ion:	166	Resp:	80243
Ion Ratio	Lower	Upper	
166	100		
165	106.3	81.9	122.9
167	25.1	10.9	16.3

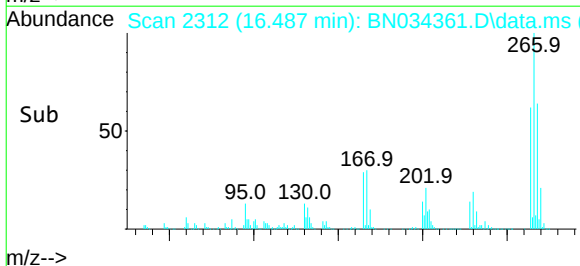
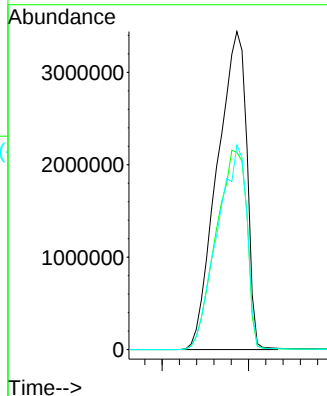
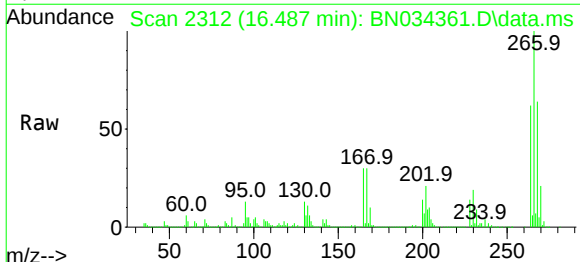
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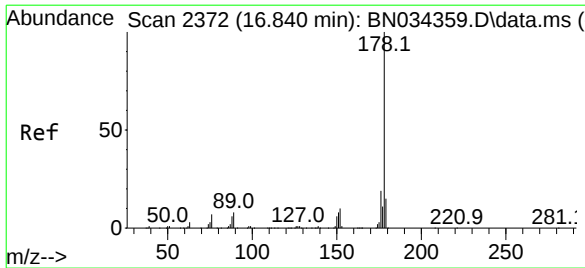
Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024



#71
 Pentachlorophenol
 Concen: 946.598 ng/u1 m
 RT: 16.487 min Scan# 2312
 Delta R.T. 0.029 min
 Lab File: BN034361.D
 Acq: 03 Oct 2024 08:39

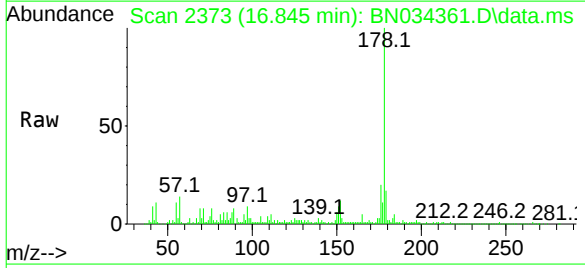
Tgt Ion:	266	Resp:	8174769
Ion Ratio	Lower	Upper	
266	100		
264	62.1	51.1	76.7
268	64.3	52.8	79.2





#72
Phenanthrene
Concen: 6.732 ng/u1
RT: 16.845 min Scan# 2373
Delta R.T. 0.006 min
Lab File: BN034361.D
Acq: 03 Oct 2024 08:39

Instrument :
BNA_N
ClientSampleId :
DDCD7



Tgt Ion:	178	Resp:	408395
Ion Ratio	Lower	Upper	
178	100		
179	16.8	11.9	17.9
176	20.2	15.2	22.8

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