

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
 Data File : BP022119.D
 Acq On : 30 Sep 2024 19:24
 Operator : RC/JU
 Sample : P4022-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC70

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2024
 Supervised By :mohammad ahmed 10/02/2024

Quant Time: Oct 01 00:29:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	121349	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.463	136	466723	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	368196	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.110	188	842122	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	936610	20.000	ng/ul	-0.01
88) Perylene-d12	24.815	264	1101939	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	12361	3.990	ng/uL	0.00
4) Pyridine-d5	3.640	84	63136	7.130	ng/ul	0.00
7) Phenol-d5	6.910	99	107293	10.809	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.040	67	177174	28.986	ng/ul	0.00
11) 2-Chlorophenol-d4	7.251	132	216504	30.146	ng/ul	0.00
15) 4-Methylphenol-d8	8.404	113	174336	22.164	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	113016	32.353	ng/ul	0.00
24) 2-Nitrophenol-d4	9.551	143	135662	34.251	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.098	165	268693	31.238	ng/ul	0.00
31) 4-Chloroaniline-d4	10.575	131	28168m	2.745	ng/ul	-0.03
46) Dimethylphthalate-d6	13.716	166	949424	33.358	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	980043	32.523	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	52040m	10.689	ng/ul	0.00
60) Fluorene-d10	15.310	176	815390	32.387	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.427	200	187859	35.931	ng/ul	-0.02
73) Anthracene-d10	17.204	188	1377762	35.045	ng/ul	-0.01
81) Pyrene-d10	19.574	212	1759272	36.256	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.592	264	2043794	35.263	ng/ul	-0.02
Target Compounds						
23) Isophorone	9.404	82	501783	27.124	ng/ul	99
29) 2,4-Dichlorophenol	10.128	162	23778	2.782	ng/ul	91
30) Naphthalene	10.510	128	921802	37.536	ng/ul	99
36) 2-Methylnaphthalene	12.116	142	688798	37.742	ng/ul	99
37) 1-Methylnaphthalene	12.334	142	431717	23.455	ng/ul	100
41) 2,4,6-Trichlorophenol	12.733	196	76691	9.398	ng/ul	97
42) 2,4,5-Trichlorophenol	12.804	196	23865	2.701	ng/ul	99
43) 1,1'-Biphenyl	13.128	154	60188	2.286	ng/ul#	85
47) Dimethylphthalate	13.763	163	62022	2.170	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.963	232	8393889	986.758	ng/ul	97
61) Fluorene	15.363	166	38758	1.373	ng/ul#	98
71) Pentachlorophenol	16.798	266	23999018m	2929.295	ng/ul	
72) Phenanthrene	17.151	178	72254	1.636	ng/ul#	94

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

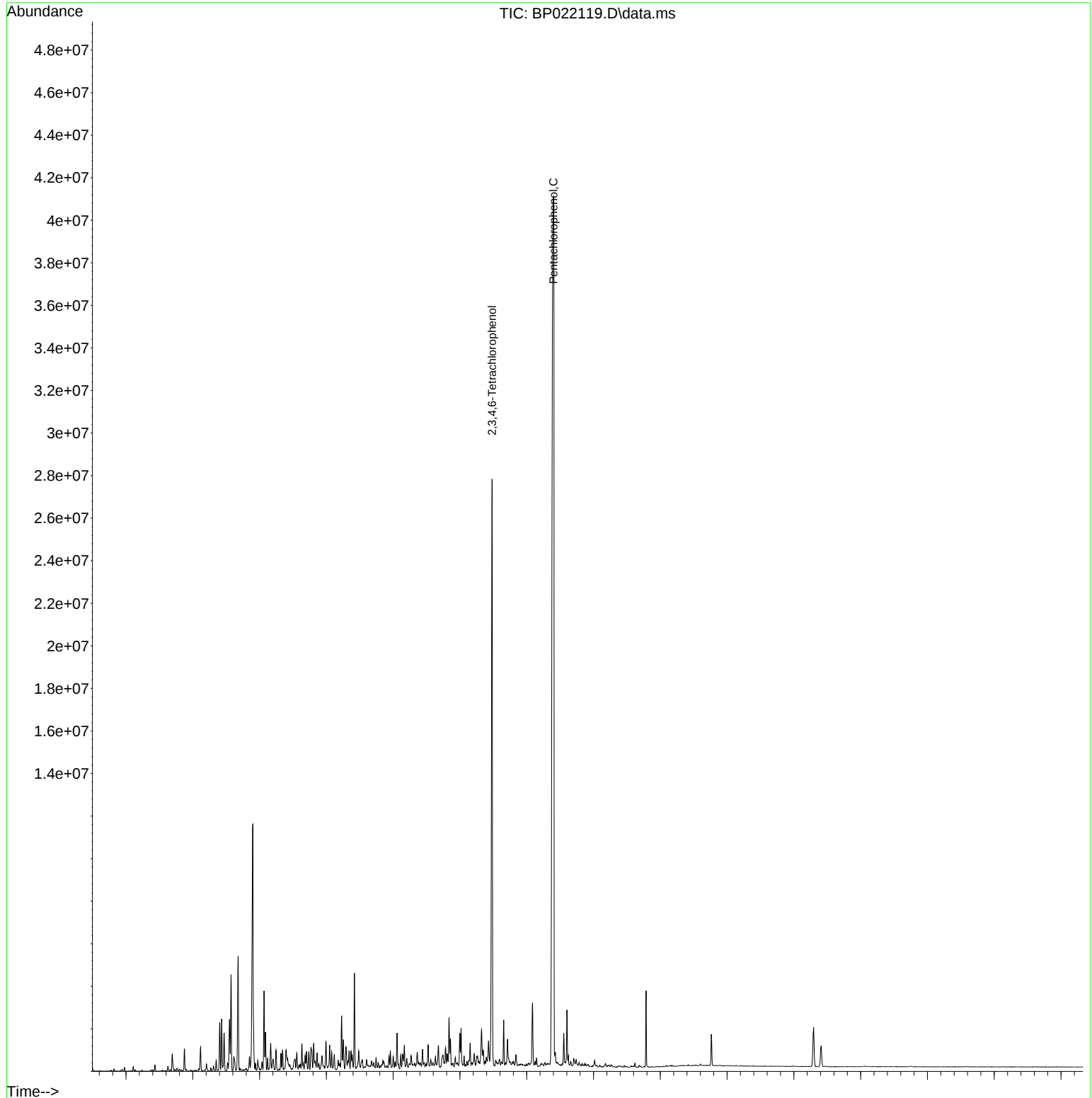
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Data File : BP022119.D
Acq On : 30 Sep 2024 19:24
Operator : RC/JU
Sample : P4022-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

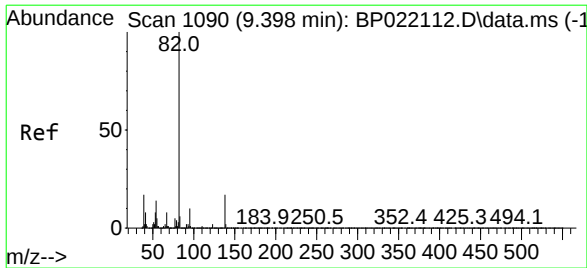
Instrument :
BNA_P
ClientSampleId :
DDC70

Quant Time: Oct 01 00:29:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

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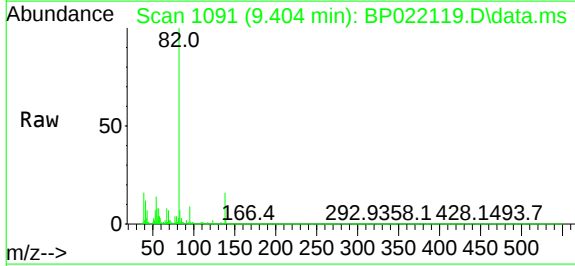
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024





#23
Isophorone
Concen: 27.124 ng/u1
RT: 9.404 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BP022119.D
Acq: 30 Sep 2024 19:24

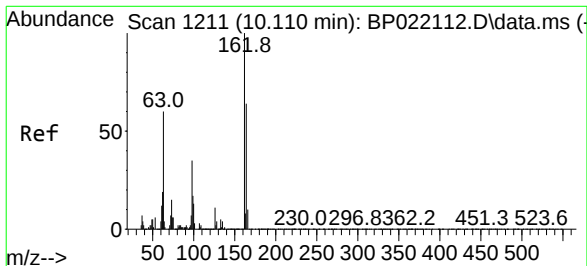
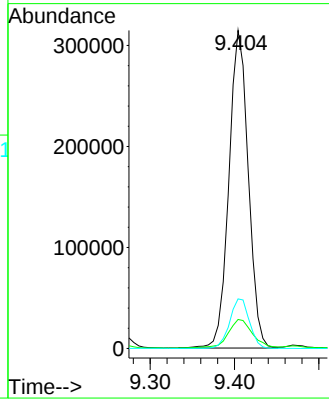
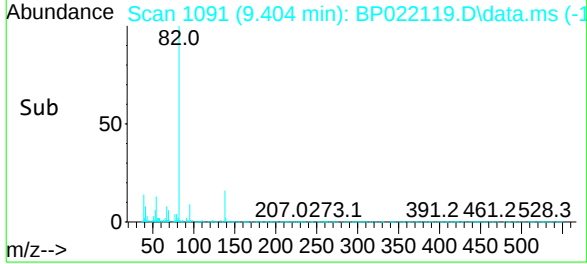
Instrument :
BNA_P
ClientSampleId :
DDC70



Tgt Ion: 82 Resp: 501783
Ion Ratio Lower Upper
82 100
95 9.1 7.0 10.4
138 15.6 11.9 17.9

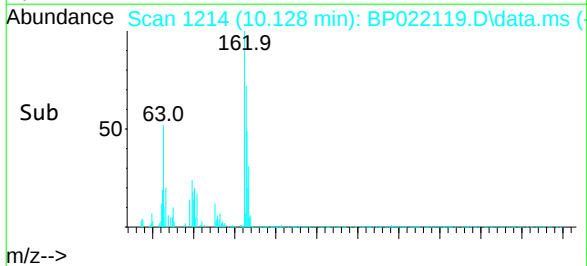
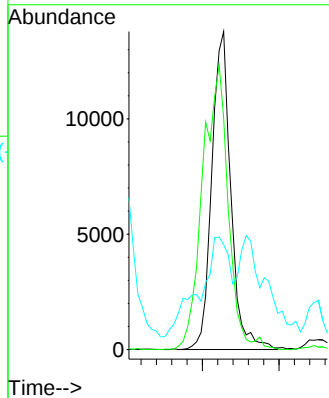
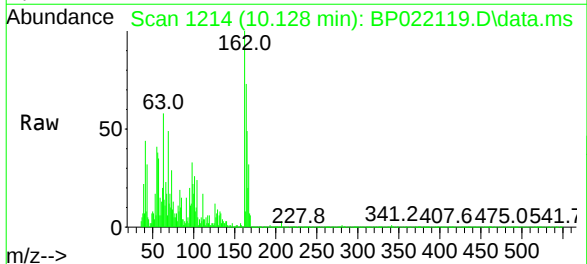
Manual Integrations
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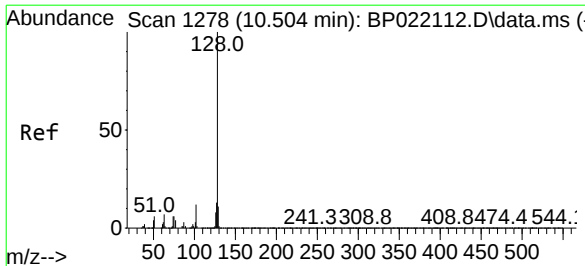
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#29
2,4-Dichlorophenol
Concen: 2.782 ng/u1
RT: 10.128 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BP022119.D
Acq: 30 Sep 2024 19:24

Tgt Ion:162 Resp: 23778
Ion Ratio Lower Upper
162 100
164 72.9 52.4 78.6
98 33.0 29.8 44.8





#30

Naphthalene

Concen: 37.536 ng/u1

RT: 10.510 min Scan# 1278

Delta R.T. -0.012 min

Lab File: BP022119.D

Acq: 30 Sep 2024 19:24

Instrument :

BNA_P

ClientSampleId :

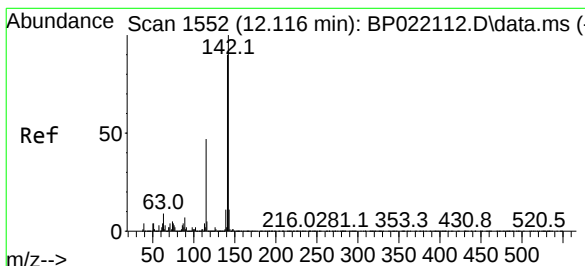
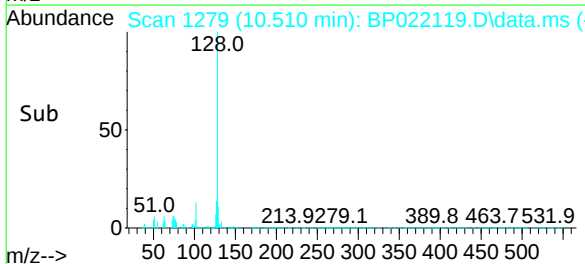
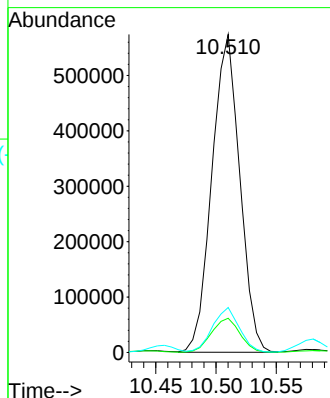
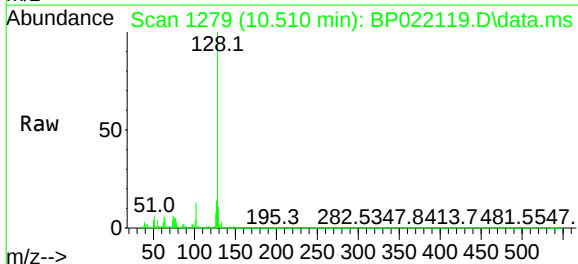
DDC70

Tgt Ion:	128	Resp:	921802
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.9	13.3
127	14.1	10.9	16.3

Manual Integrations

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#36

2-Methylnaphthalene

Concen: 37.742 ng/u1

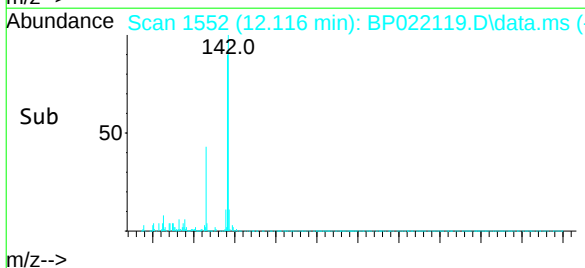
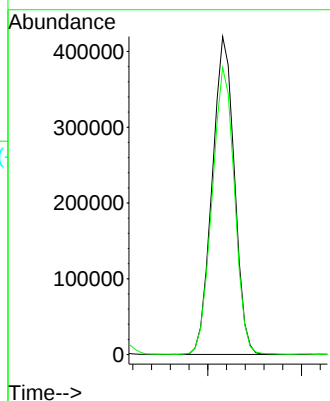
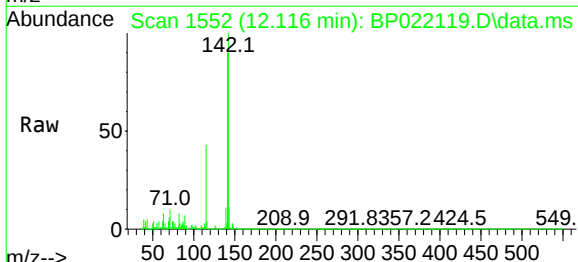
RT: 12.116 min Scan# 1552

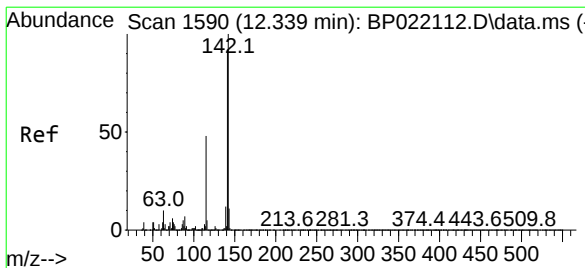
Delta R.T. -0.012 min

Lab File: BP022119.D

Acq: 30 Sep 2024 19:24

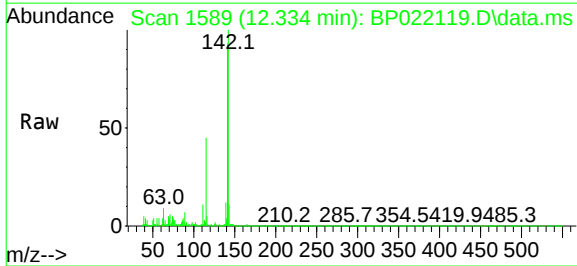
Tgt Ion:	142	Resp:	688798
Ion Ratio	Lower	Upper	
142	100		
141	90.3	72.6	109.0





#37
1-Methylnaphthalene
Concen: 23.455 ng/u1
RT: 12.334 min Scan# 1590
Delta R.T. -0.012 min
Lab File: BP022119.D
Acq: 30 Sep 2024 19:24

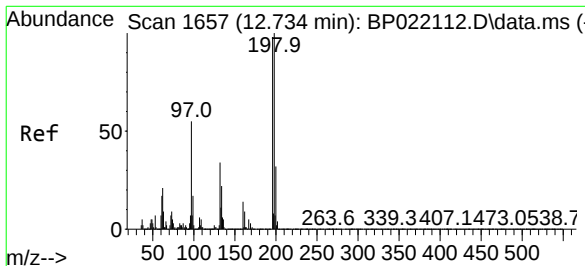
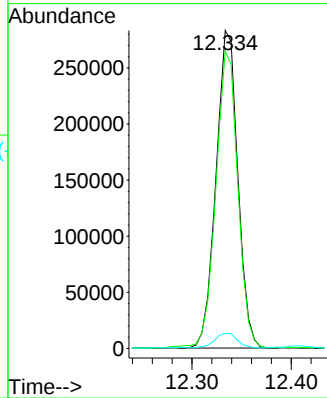
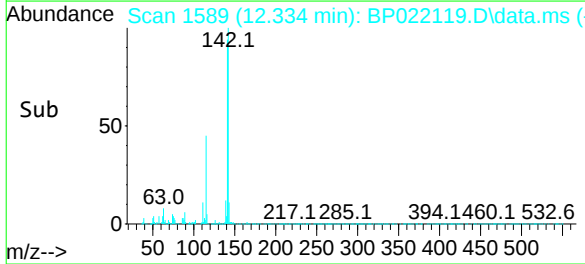
Instrument :
BNA_P
ClientSampleId :
DDC70



Tgt Ion:142 Resp: 431717
Ion Ratio Lower Upper
142 100
141 93.4 74.6 111.8
116 4.8 3.9 5.9

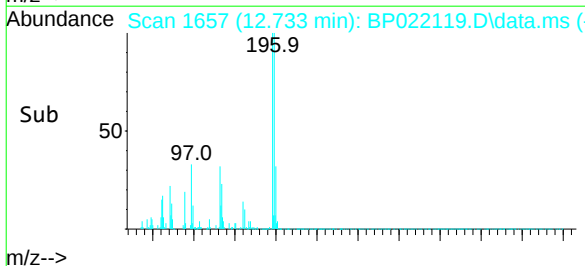
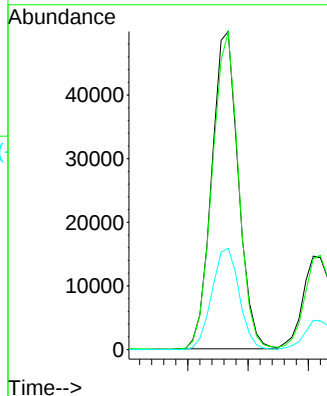
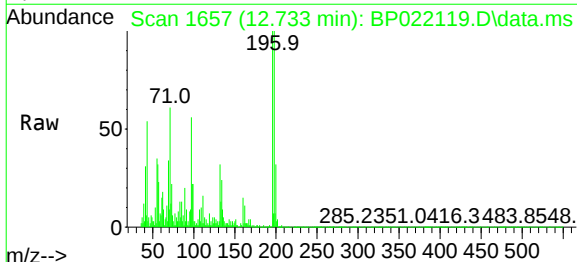
Manual Integrations
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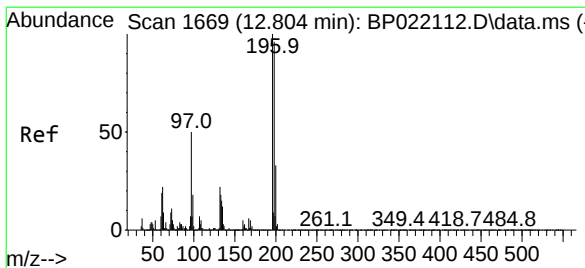
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#41
2,4,6-Trichlorophenol
Concen: 9.398 ng/u1
RT: 12.733 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BP022119.D
Acq: 30 Sep 2024 19:24

Tgt Ion:196 Resp: 76691
Ion Ratio Lower Upper
196 100
198 99.8 77.6 116.4
200 31.9 24.2 36.4





#42

2,4,5-Trichlorophenol

Concen: 2.701 ng/u1

RT: 12.804 min Scan# 1669

Delta R.T. -0.012 min

Lab File: BP022119.D

Acq: 30 Sep 2024 19:24

Instrument :

BNA_P

ClientSampleId :

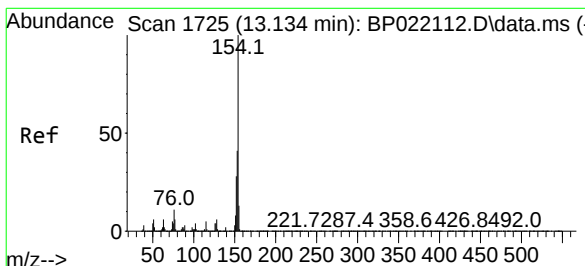
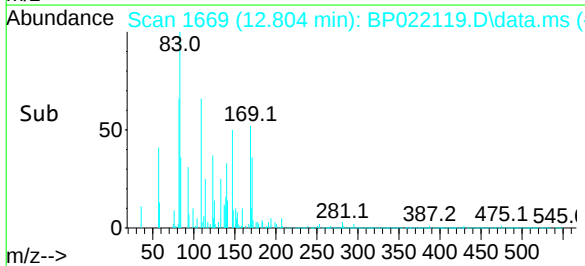
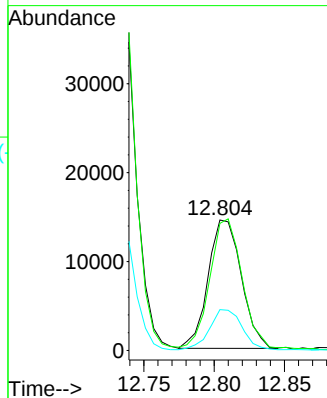
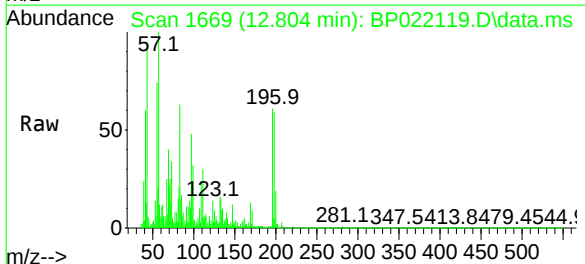
DDC70

Tgt	Ion:	196	Resp:	23865
Ion	Ratio	Lower	Upper	
196	100			
198	97.4	78.2	117.2	
200	31.3	26.1	39.1	

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#43

1,1'-Biphenyl

Concen: 2.286 ng/u1

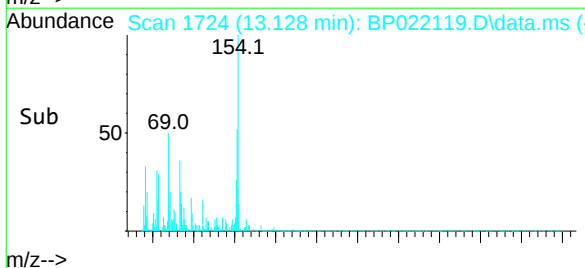
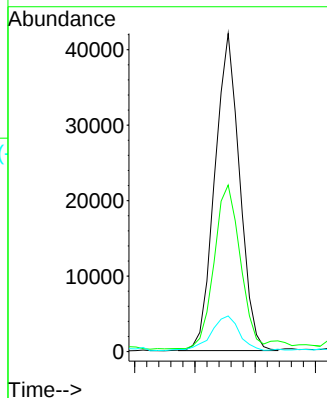
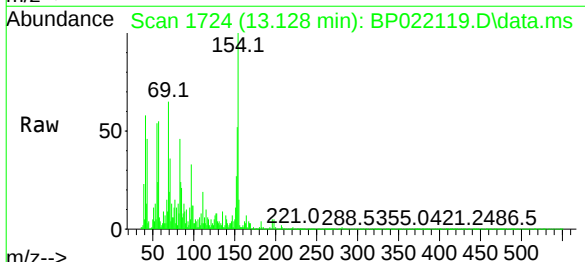
RT: 13.128 min Scan# 1724

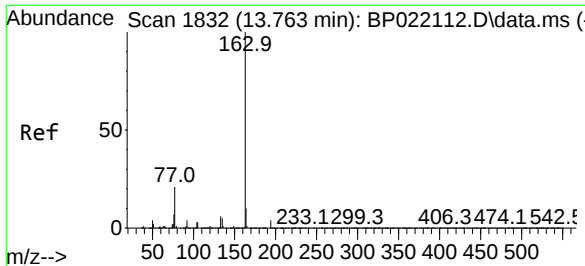
Delta R.T. -0.024 min

Lab File: BP022119.D

Acq: 30 Sep 2024 19:24

Tgt	Ion:	154	Resp:	60188
Ion	Ratio	Lower	Upper	
154	100			
153	52.4	32.6	49.0	
76	11.2	10.1	15.1	





#47
Dimethylphthalate
Concen: 2.170 ng/u1
RT: 13.763 min Scan# 1832
Delta R.T. -0.012 min
Lab File: BP022119.D
Acq: 30 Sep 2024 19:24

Instrument :

BNA_P

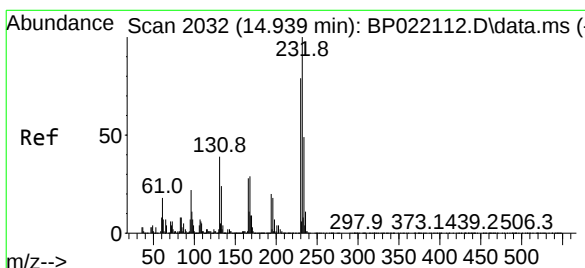
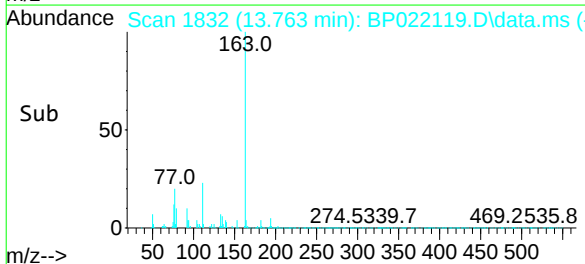
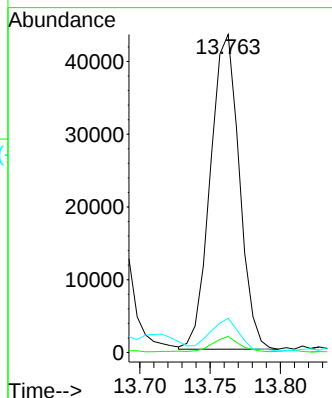
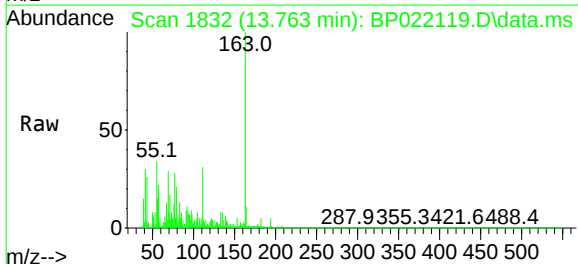
ClientSampleId :

DDC70

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.5	5.3
164	10.7	7.9	11.9

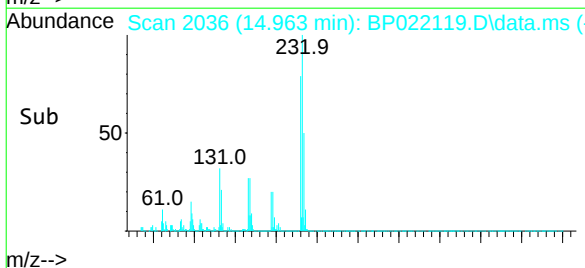
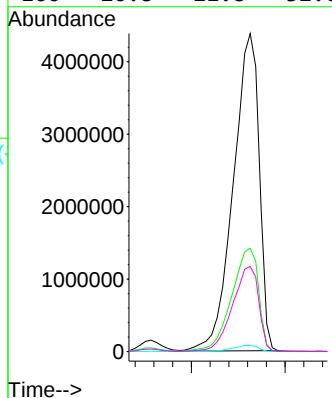
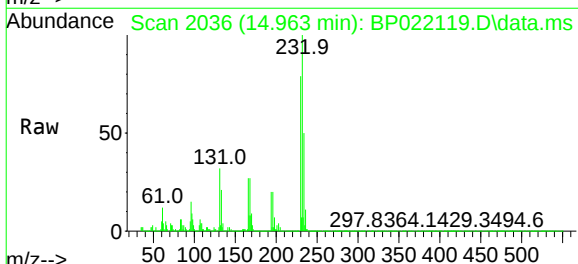
Manual Integrations
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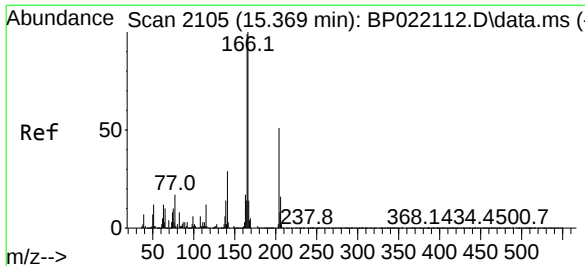
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 986.758 ng/u1
RT: 14.963 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BP022119.D
Acq: 30 Sep 2024 19:24

Tgt Ion	Ratio	Lower	Upper
232	100		
131	32.5	28.2	42.2
130	1.9	1.8	2.6
166	26.8	21.8	32.6





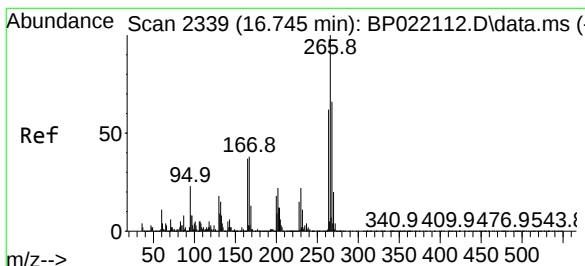
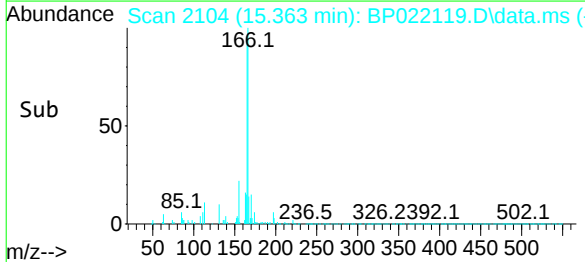
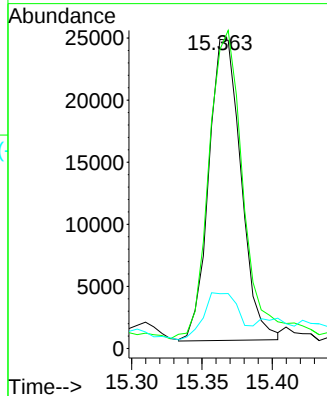
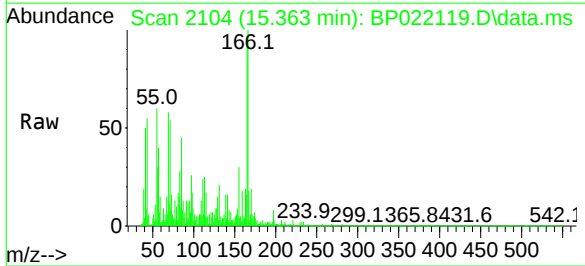
#61
Fluorene
Concen: 1.373 ng/u1
RT: 15.363 min Scan# 2105
Delta R.T. -0.018 min
Lab File: BP022119.D
Acq: 30 Sep 2024 19:24

Instrument :
BNA_P
ClientSampleId :
DDC70

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.9	116.9
167	17.7	10.5	15.7

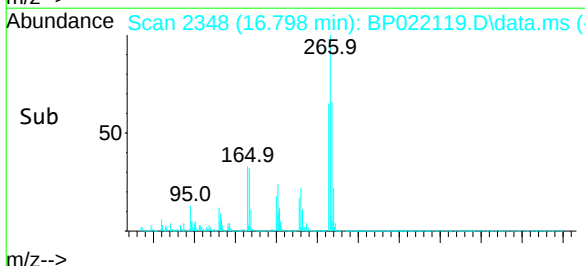
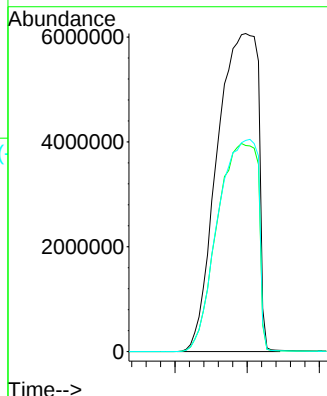
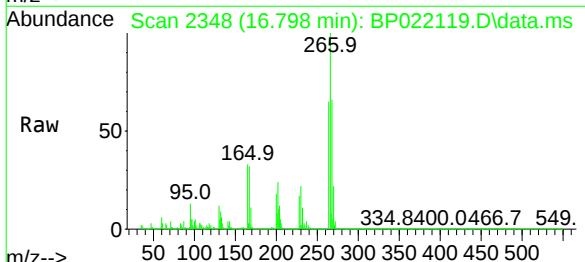
Manual Integrations
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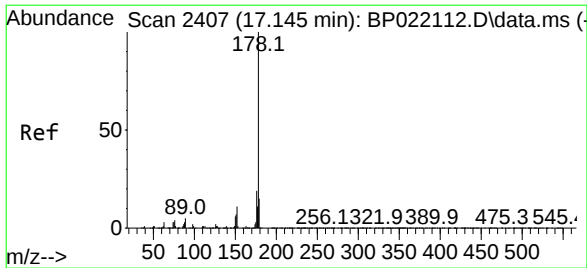
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#71
Pentachlorophenol
Concen: 2929.295 ng/u1 m
RT: 16.798 min Scan# 2348
Delta R.T. 0.041 min
Lab File: BP022119.D
Acq: 30 Sep 2024 19:24

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.8	50.2	75.4
268	66.4	51.4	77.0





#72
 Phenanthrene
 Concen: 1.636 ng/ul
 RT: 17.151 min Scan# 2408
 Delta R.T. -0.006 min
 Lab File: BP022119.D
 Acq: 30 Sep 2024 19:24

Instrument :
 BNA_P
 ClientSampleId :
 DDC70

Tgt	Ion:178	Resp:	72254
Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.4	18.6#
176	20.4	15.0	22.6

Manual Integrations
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