

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
 Data File : BP022116.D
 Acq On : 30 Sep 2024 17:22
 Operator : RC/JU
 Sample : P4022-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDCA1

Manual Integrations
 APPROVED

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

Quant Time: Sep 30 18:27:15 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	7.699	152	109233	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.457	136	429682	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.310	164	344046	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.116	188	797487	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	905732	20.000	ng/ul	-0.01
88) Perylene-d12	24.815	264	1077648	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	11296	4.051	ng/uL	0.00
4) Pyridine-d5	3.634	84	45968	5.767	ng/ul	0.00
7) Phenol-d5	6.852	99	60555	6.777	ng/ul	-0.04
9) Bis-(2-Chloroethyl)eth...	7.040	67	133635	24.288	ng/ul	0.00
11) 2-Chlorophenol-d4	7.258	132	175044	27.076	ng/ul	0.01
15) 4-Methylphenol-d8	8.416	113	153974	21.747	ng/ul	0.01
21) Nitrobenzene-d5	8.840	128	88241	27.438	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	106478	29.200	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.099	165	233484	29.484	ng/ul	0.00
31) 4-Chloroaniline-d4	10.575	131	21419	2.267	ng/ul	-0.03
46) Dimethylphthalate-d6	13.716	166	786064	29.557	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	816797	29.008	ng/ul	0.00
54) 4-Nitrophenol-d4	14.587	143	59605m	13.103	ng/ul	0.06
60) Fluorene-d10	15.328	176	674555	28.674	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	143509	28.985	ng/ul	0.00
73) Anthracene-d10	17.222	188	1138194	30.572	ng/ul	0.00
81) Pyrene-d10	19.592	212	1475278	31.440	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.598	264	1735928	30.627	ng/ul	-0.01
Target Compounds						
23) Isophorone	9.410	82	1950937	114.550	ng/ul	96
29) 2,4-Dichlorophenol	10.122	162	59530	7.567	ng/ul	94
30) Naphthalene	10.510	128	556074	24.595	ng/ul	100
36) 2-Methylnaphthalene	12.122	142	421247	25.072	ng/ul	99
37) 1-Methylnaphthalene	12.334	142	284776	16.806	ng/ul	97
41) 2,4,6-Trichlorophenol	12.740	196	141694	18.582	ng/ul	98
42) 2,4,5-Trichlorophenol	12.828	196	12062	1.461	ng/ul	96
43) 1,1'-Biphenyl	13.134	154	46306	1.882	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.987	232	10994074	1383.148	ng/ul	95
61) Fluorene	15.375	166	28342	1.074	ng/ul#	87
71) Pentachlorophenol	16.804	266	20823657m	2683.973	ng/ul	
72) Phenanthrene	17.157	178	48949	1.171	ng/ul#	74

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

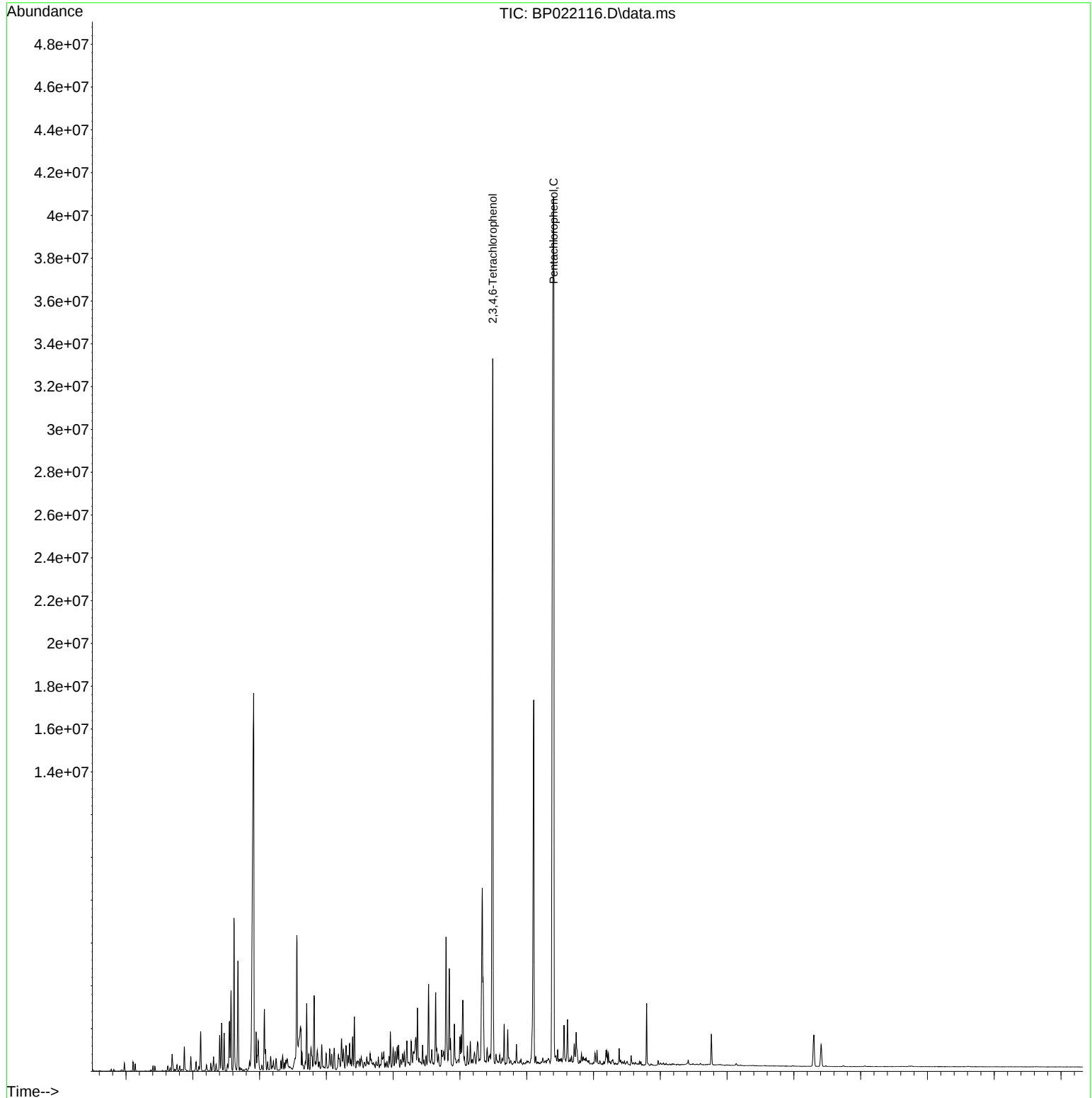
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022116.D
Acq On : 30 Sep 2024 17:22
Operator : RC/JU
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ALS Vial : 6 Sample Multiplier: 1

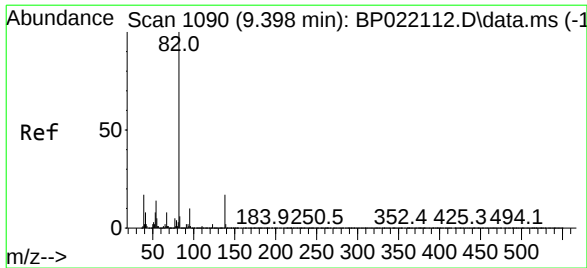
Instrument :
BNA_P
ClientSampleId :
DDCA1

Quant Time: Sep 30 18:27:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
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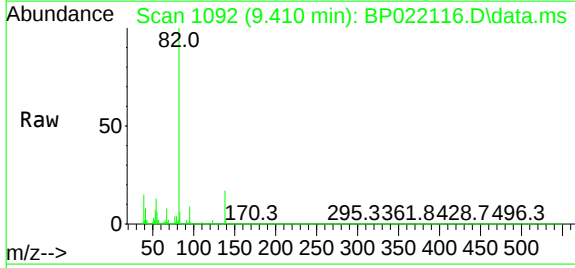
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024





#23
Isophorone
Concen: 114.550 ng/u1
RT: 9.410 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BP022116.D
Acq: 30 Sep 2024 17:22

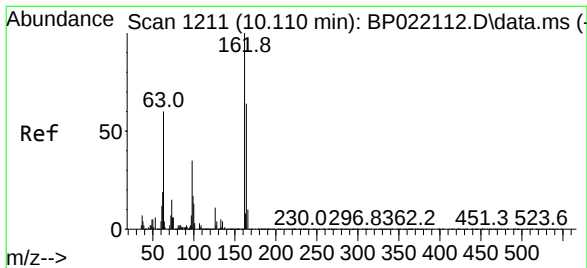
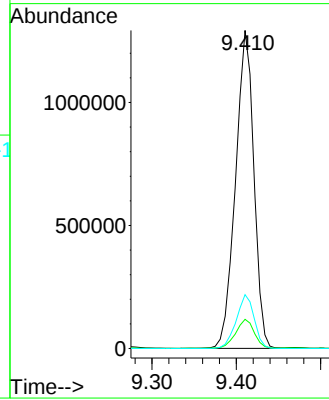
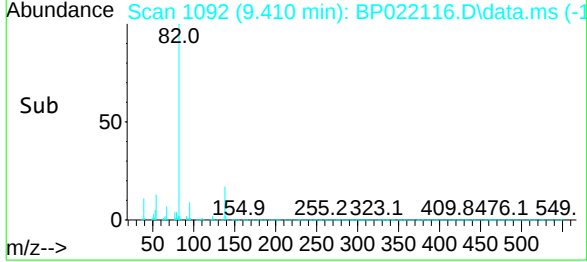
Instrument :
BNA_P
ClientSampleId :
DDCA1



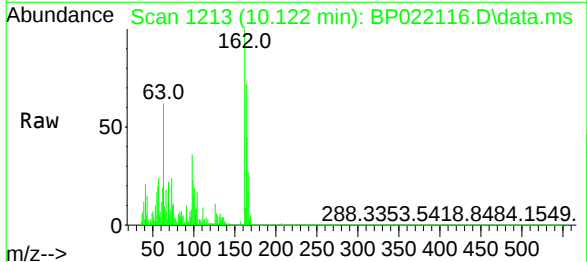
Tgt Ion: 82 Resp: 1950937
Ion Ratio Lower Upper
82 100
95 9.2 7.0 10.4
138 16.9 11.9 17.9

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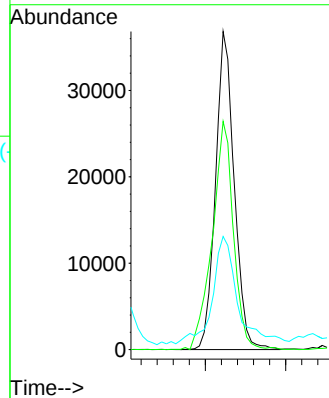
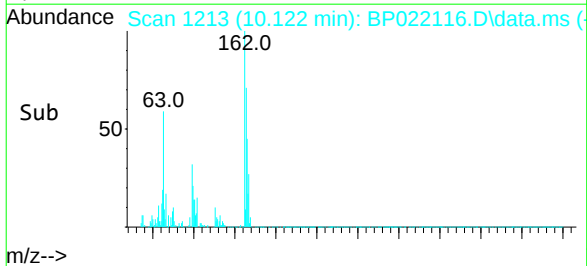
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024

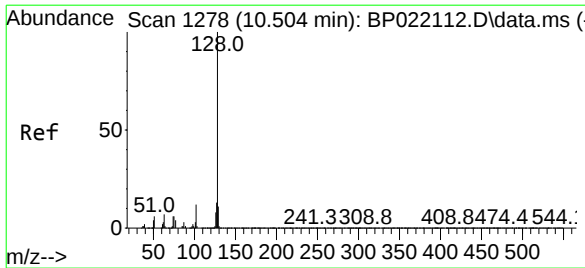


#29
2,4-Dichlorophenol
Concen: 7.567 ng/u1
RT: 10.122 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BP022116.D
Acq: 30 Sep 2024 17:22



Tgt Ion:162 Resp: 59530
Ion Ratio Lower Upper
162 100
164 71.7 52.4 78.6
98 35.6 29.8 44.8





#30

Naphthalene

Concen: 24.595 ng/u1

RT: 10.510 min Scan# 1278

Delta R.T. -0.012 min

Lab File: BP022116.D

Acq: 30 Sep 2024 17:22

Instrument :

BNA_P

ClientSampleId :

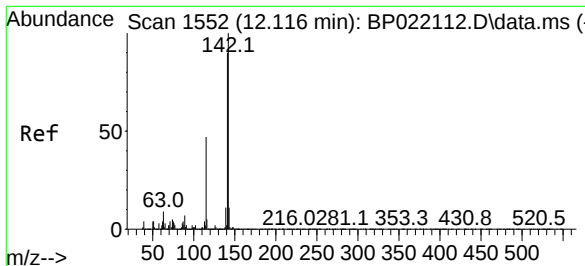
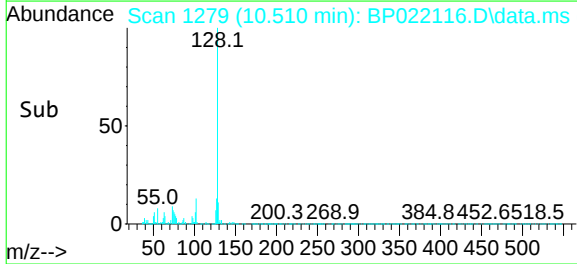
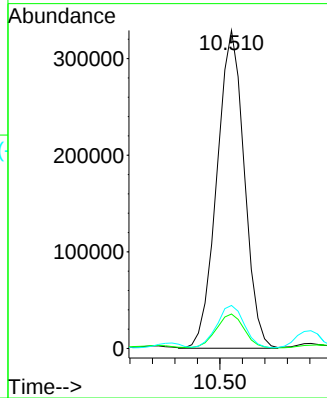
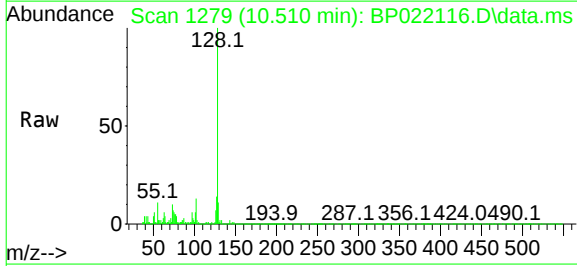
DDCA1

Tgt Ion:	128	Resp:	556074
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.9	13.3
127	13.5	10.9	16.3

Manual Integrations

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#36

2-Methylnaphthalene

Concen: 25.072 ng/u1

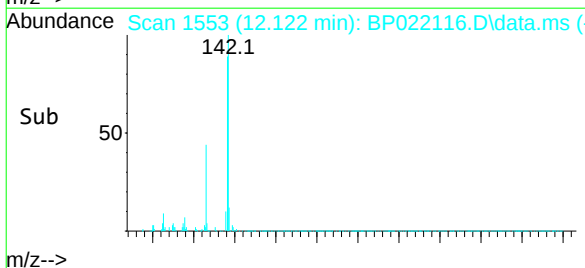
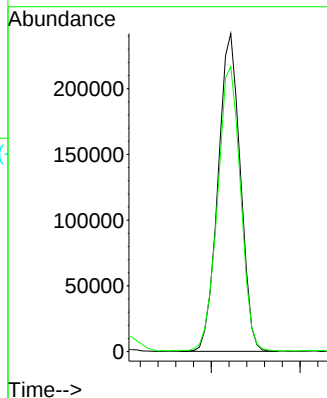
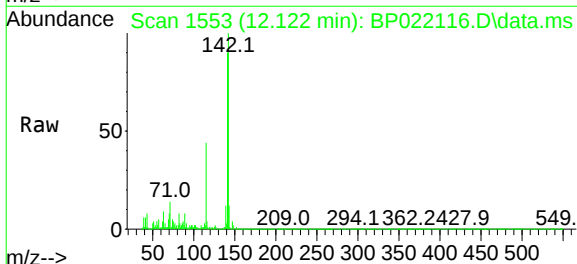
RT: 12.122 min Scan# 1553

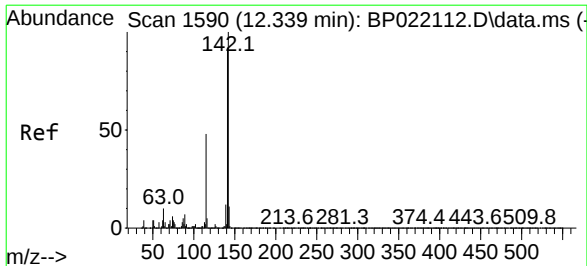
Delta R.T. -0.006 min

Lab File: BP022116.D

Acq: 30 Sep 2024 17:22

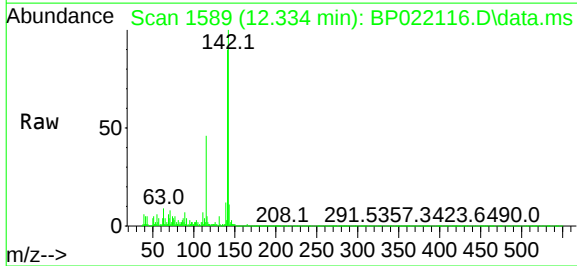
Tgt Ion:	142	Resp:	421247
Ion Ratio	Lower	Upper	
142	100		
141	89.6	72.6	109.0





#37
1-Methylnaphthalene
Concen: 16.806 ng/u1
RT: 12.334 min Scan# 1590
Delta R.T. -0.012 min
Lab File: BP022116.D
Acq: 30 Sep 2024 17:22

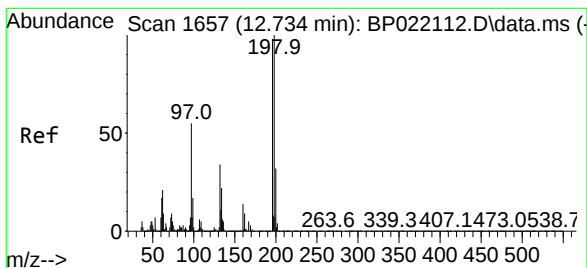
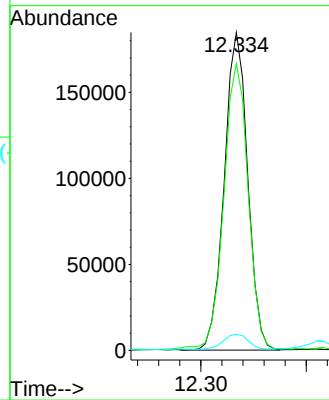
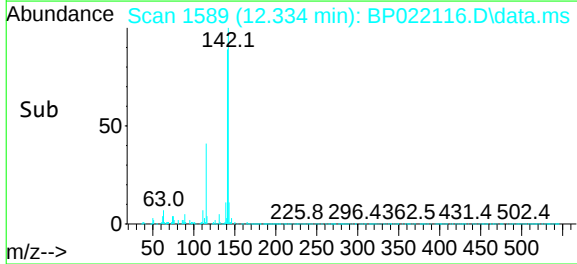
Instrument :
BNA_P
ClientSampleId :
DDCA1



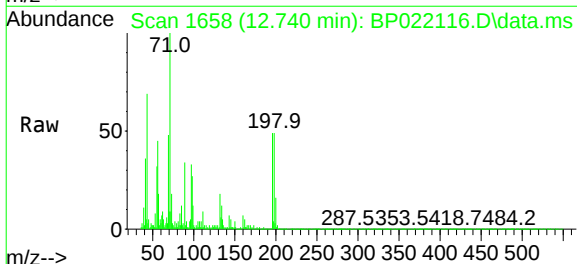
Tgt Ion:142 Resp: 284776
Ion Ratio Lower Upper
142 100
141 90.2 74.6 111.8
116 5.1 3.9 5.9

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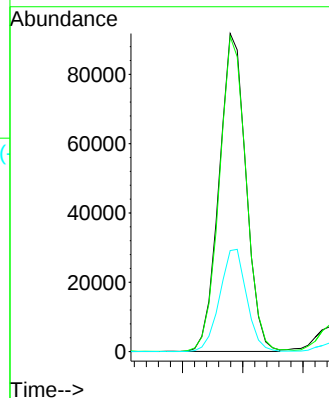
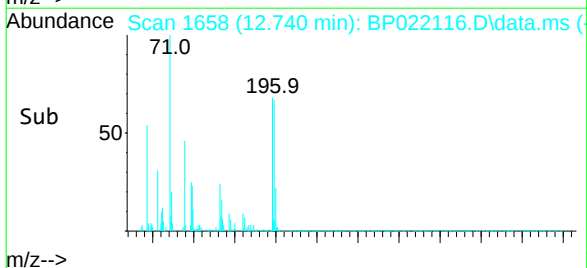
Reviewed By :Jagrut Upadhyay 10/01/2024
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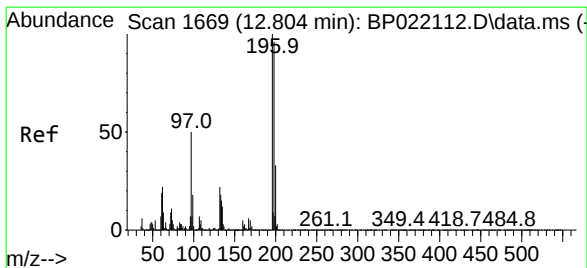


#41
2,4,6-Trichlorophenol
Concen: 18.582 ng/u1
RT: 12.740 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP022116.D
Acq: 30 Sep 2024 17:22



Tgt Ion:196 Resp: 141694
Ion Ratio Lower Upper
196 100
198 99.1 77.6 116.4
200 31.8 24.2 36.4





#42

2,4,5-Trichlorophenol

Concen: 1.461 ng/ul

RT: 12.828 min Scan# 1669

Delta R.T. 0.012 min

Lab File: BP022116.D

Acq: 30 Sep 2024 17:22

Instrument :

BNA_P

ClientSampleId :

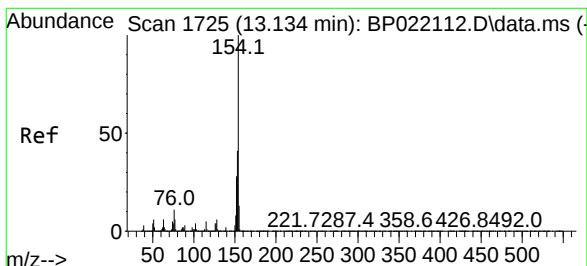
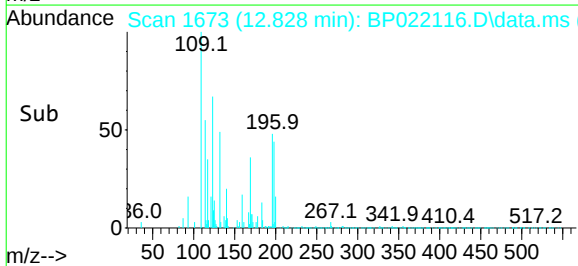
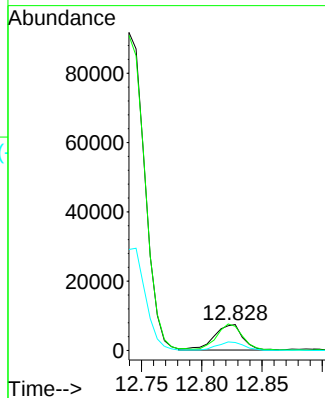
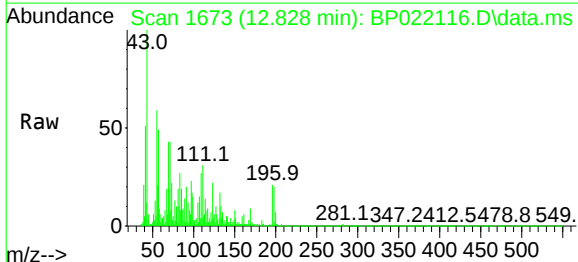
DDCA1

Tgt	Ion:	196	Resp:	12062
Ion	Ratio	Lower	Upper	
196	100			
198	93.4	78.2	117.2	
200	30.8	26.1	39.1	

Manual Integrations

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#43

1,1'-Biphenyl

Concen: 1.882 ng/ul

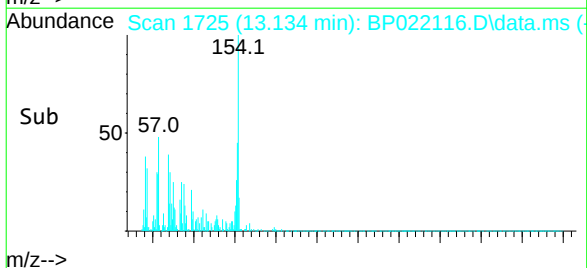
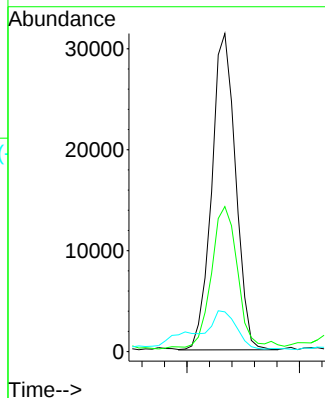
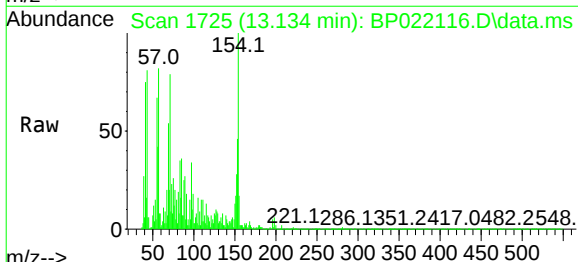
RT: 13.134 min Scan# 1725

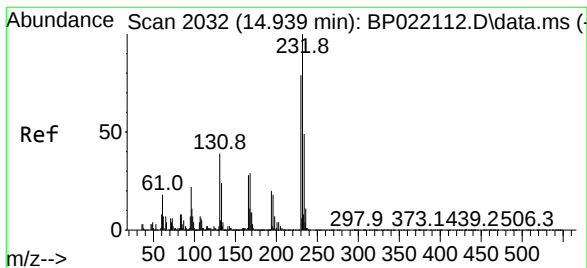
Delta R.T. -0.018 min

Lab File: BP022116.D

Acq: 30 Sep 2024 17:22

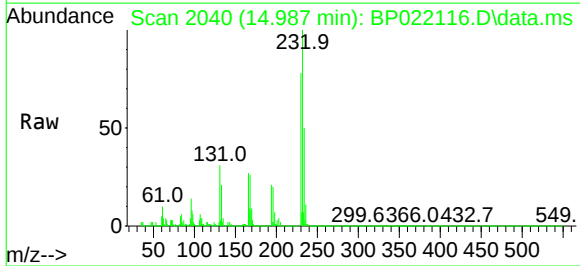
Tgt	Ion:	154	Resp:	46306
Ion	Ratio	Lower	Upper	
154	100			
153	45.6	32.6	49.0	
76	12.5	10.1	15.1	





#58
2,3,4,6-Tetrachlorophenol
Concen: 1383.148 ng/ul
RT: 14.987 min Scan# 2032
Delta R.T. 0.024 min
Lab File: BP022116.D
Acq: 30 Sep 2024 17:22

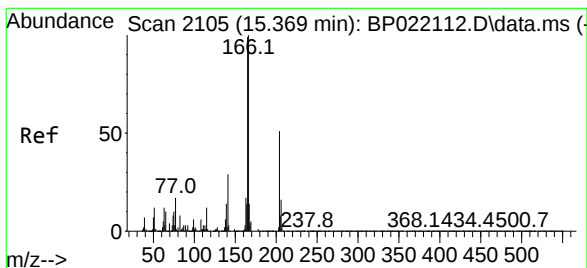
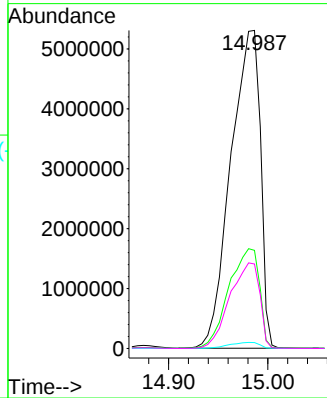
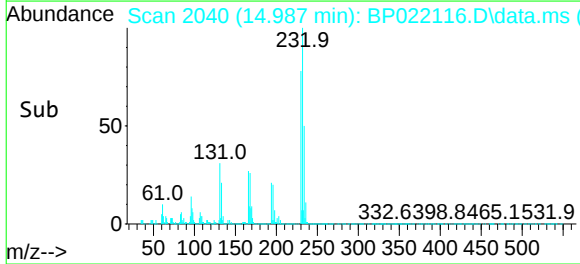
Instrument :
BNA_P
ClientSampleId :
DDCA1



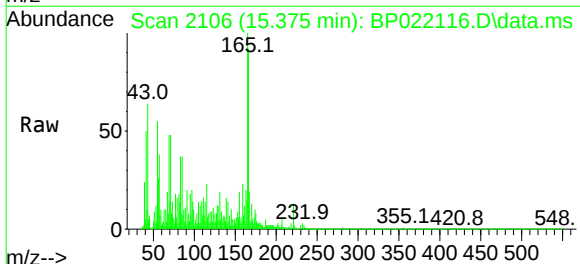
Tgt Ion:232 Resp:10994074
Ion Ratio Lower Upper
232 100
131 30.9 28.2 42.2
130 1.9 1.8 2.6
166 26.6 21.8 32.6

Manual Integrations
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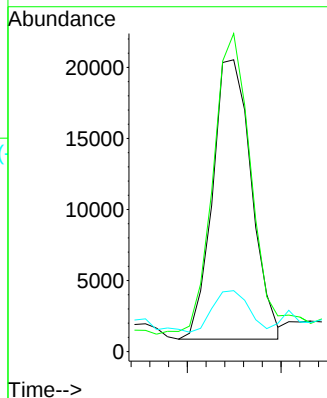
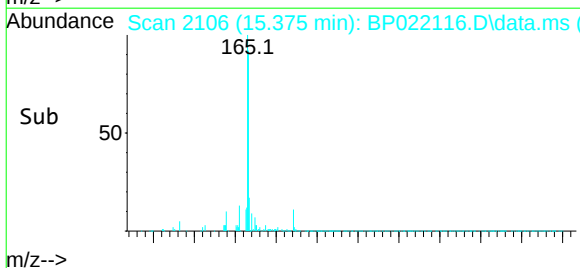
Reviewed By :Jagrut Upadhyay 10/01/2024
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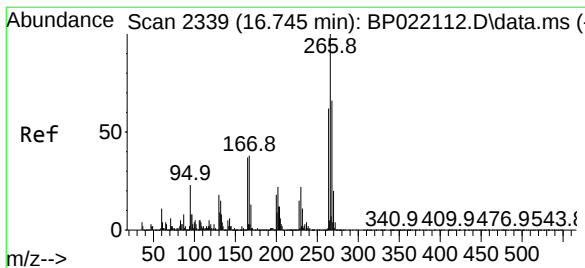


#61
Fluorene
Concen: 1.074 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP022116.D
Acq: 30 Sep 2024 17:22



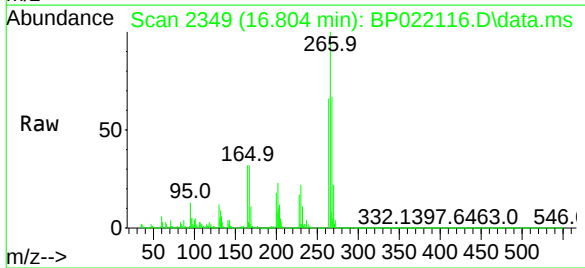
Tgt Ion:166 Resp: 28342
Ion Ratio Lower Upper
166 100
165 109.0 77.9 116.9
167 20.9 10.5 15.7#





#71
Pentachlorophenol
Concen: 2683.973 ng/ul m
RT: 16.804 min Scan# 2339
Delta R.T. 0.047 min
Lab File: BP022116.D
Acq: 30 Sep 2024 17:22

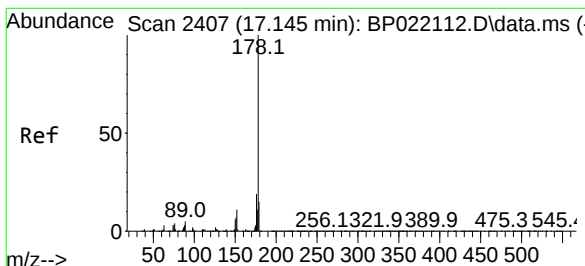
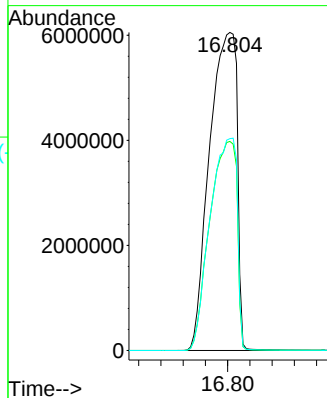
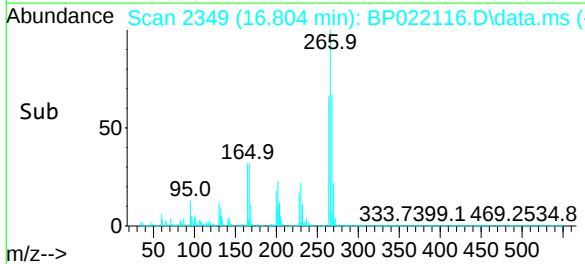
Instrument :
BNA_P
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DDCA1



Tgt Ion: 266 Resp: 20823657
Ion Ratio Lower Upper
266 100
264 65.7 50.2 75.4
268 66.6 51.4 77.0

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#72
Phenanthrene
Concen: 1.171 ng/ul
RT: 17.157 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP022116.D
Acq: 30 Sep 2024 17:22

Tgt Ion: 178 Resp: 48949
Ion Ratio Lower Upper
178 100
179 36.4 12.4 18.6#
176 21.4 15.0 22.6

