

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
 Data File : BP022118.D
 Acq On : 30 Sep 2024 18:44
 Operator : RC/JU
 Sample : P4022-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DDC37

Manual Integrations
 APPROVED

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

Quant Time: Oct 01 04:40:42 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	113238	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.463	136	451410	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	364458	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.110	188	845337	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	964854	20.000	ng/ul	0.00
88) Perylene-d12	24.809	264	1154736	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	10759	3.722	ng/uL	0.00
4) Pyridine-d5	3.640	84	80527	9.745	ng/ul	0.00
7) Phenol-d5	6.899	99	78367	8.460	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	141665	24.837	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	171321	25.563	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	134158	18.278	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	94235	27.891	ng/ul	0.00
24) 2-Nitrophenol-d4	9.551	143	119384	31.164	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.099	165	226680	27.247	ng/ul	0.00
31) 4-Chloroaniline-d4	10.581	131	72279	7.282	ng/ul	-0.02
46) Dimethylphthalate-d6	13.716	166	825423	29.298	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	856097	28.701	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	49631m	10.299	ng/ul	0.05
60) Fluorene-d10	15.316	176	706535	28.351	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	313004m	59.640	ng/ul	0.00
73) Anthracene-d10	17.216	188	1239022	31.397	ng/ul	0.00
81) Pyrene-d10	19.580	212	1572082	31.450	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.592	264	1914007	31.514	ng/ul	-0.02
Target Compounds						
23) Isophorone	9.404	82	38645	2.160	ng/ul#	94
30) Naphthalene	10.510	128	743074	31.285	ng/ul	100
36) 2-Methylnaphthalene	12.116	142	668480	37.871	ng/ul	99
37) 1-Methylnaphthalene	12.340	142	407248	22.877	ng/ul	100
41) 2,4,6-Trichlorophenol	12.740	196	41599	5.150	ng/ul	97
42) 2,4,5-Trichlorophenol	12.822	196	17851	2.041	ng/ul	96
43) 1,1'-Biphenyl	13.134	154	78253	3.002	ng/ul	91
52) Acenaphthene	14.369	153	31428	1.391	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.963	232	4825767	573.120	ng/ul	96
61) Fluorene	15.369	166	53363	1.910	ng/ul#	99
71) Pentachlorophenol	16.804	266	18559224	2256.704	ng/ul	97
72) Phenanthrene	17.157	178	81816	1.846	ng/ul#	86
77) Carbazole	17.533	167	47307	1.190	ng/ul#	94

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

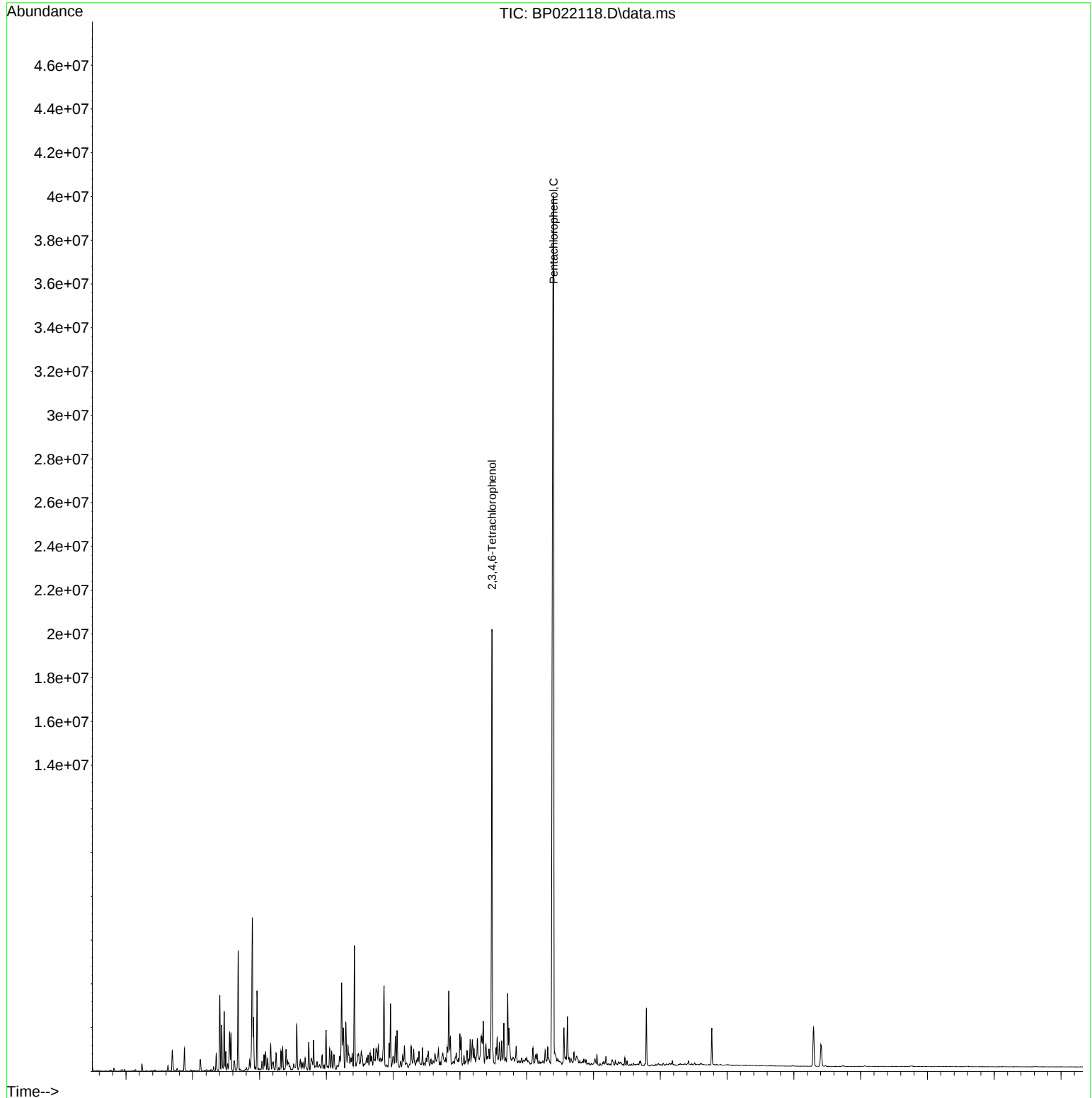
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
Data File : BP022118.D
Acq On : 30 Sep 2024 18:44
Operator : RC/JU
Sample : P4022-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

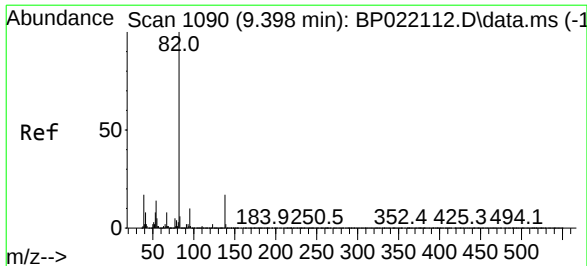
Instrument :
BNA_P
ClientSampleId :
DDC37

Quant Time: Oct 01 04:40:42 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
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#23

Isophorone

Concen: 2.160 ng/u1

RT: 9.404 min Scan# 10

Delta R.T. -0.006 min

Lab File: BP022118.D

Acq: 30 Sep 2024 18:44

Instrument :

BNA_P

ClientSampleId :

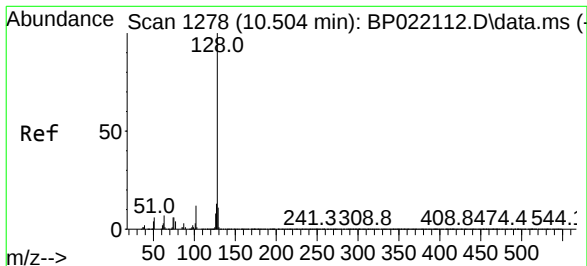
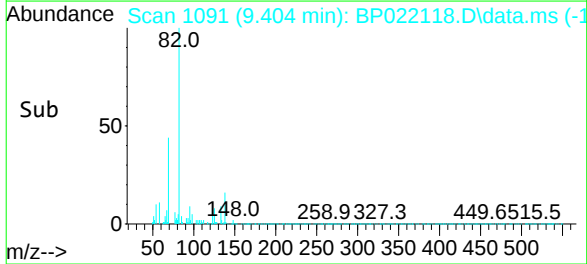
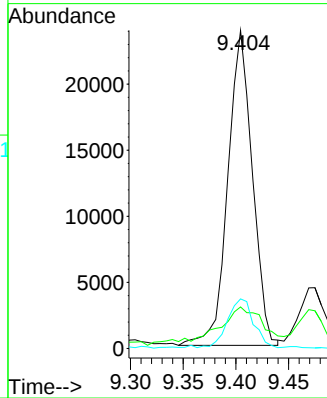
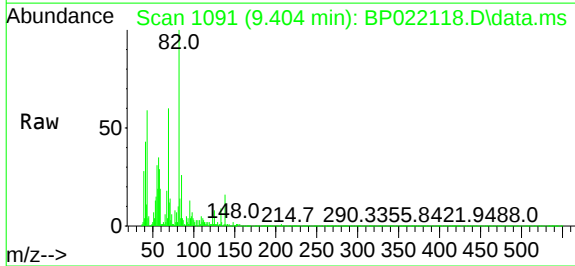
DDC37

Tgt Ion:	82	Resp:	38645
Ion	Ratio	Lower	Upper
82	100		
95	13.1	7.0	10.4
138	15.6	11.9	17.9

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#30

Naphthalene

Concen: 31.285 ng/u1

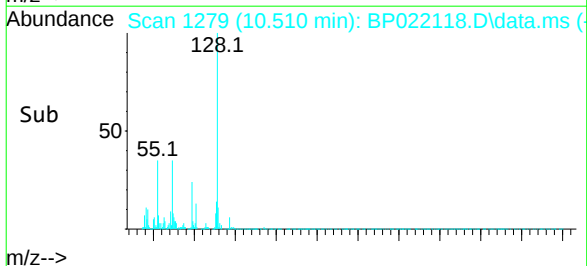
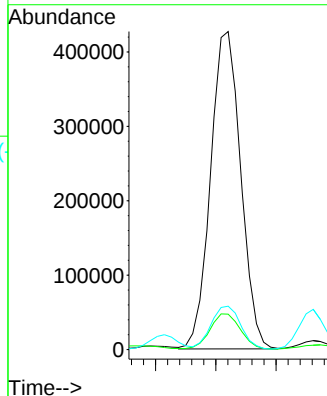
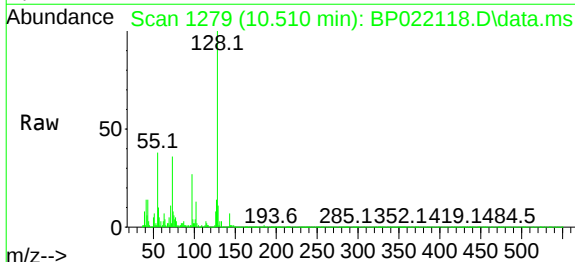
RT: 10.510 min Scan# 1279

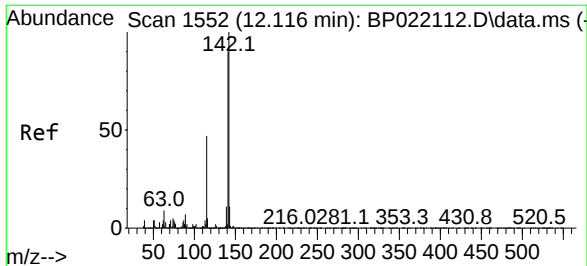
Delta R.T. -0.012 min

Lab File: BP022118.D

Acq: 30 Sep 2024 18:44

Tgt Ion:	128	Resp:	743074
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.6	10.9	16.3





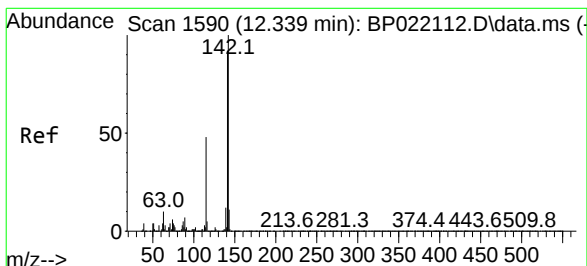
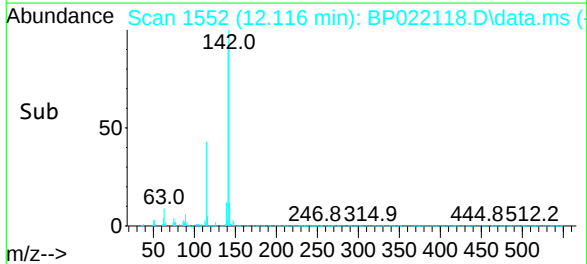
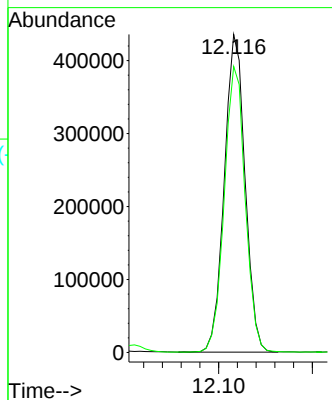
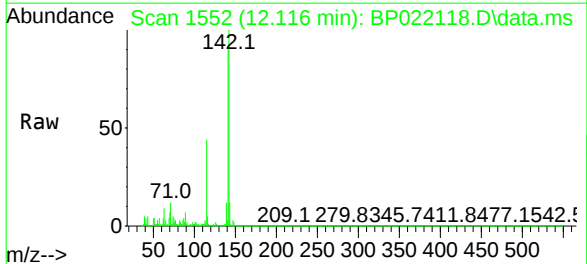
#36
2-Methylnaphthalene
Concen: 37.871 ng/ul
RT: 12.116 min Scan# 1552
Delta R.T. -0.012 min
Lab File: BP022118.D
Acq: 30 Sep 2024 18:44

Instrument :
BNA_P
ClientSampleId :
DDC37

Tgt Ion:142 Resp: 668480
Ion Ratio Lower Upper
142 100
141 89.9 72.6 109.0

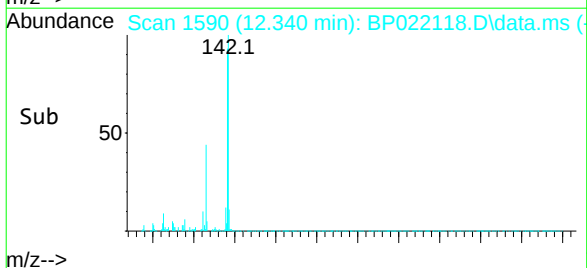
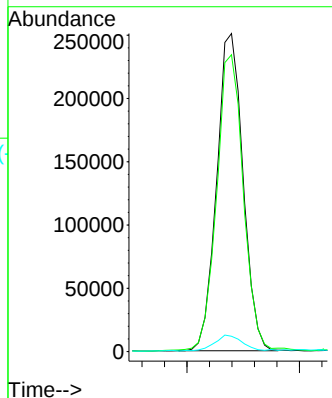
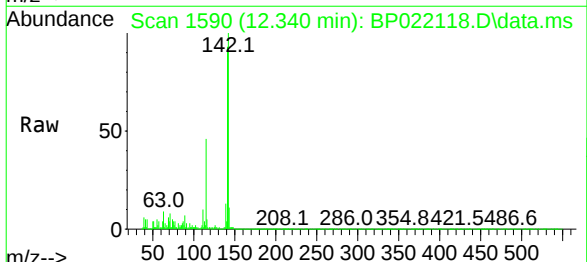
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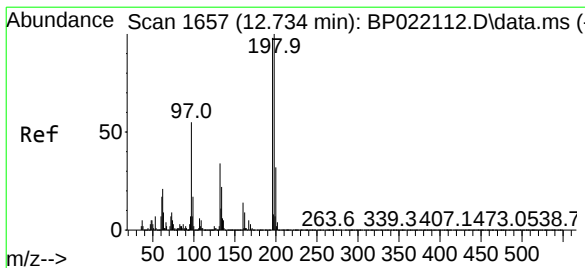
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#37
1-Methylnaphthalene
Concen: 22.877 ng/ul
RT: 12.340 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP022118.D
Acq: 30 Sep 2024 18:44

Tgt Ion:142 Resp: 407248
Ion Ratio Lower Upper
142 100
141 93.3 74.6 111.8
116 4.8 3.9 5.9





#41

2,4,6-Trichlorophenol

Concen: 5.150 ng/ul

RT: 12.740 min Scan# 1657

Delta R.T. -0.006 min

Lab File: BP022118.D

Acq: 30 Sep 2024 18:44

Instrument :

BNA_P

ClientSampleId :

DDC37

Tgt Ion:196 Resp: 41599

Ion Ratio Lower Upper

196 100

198 93.8 77.6 116.4

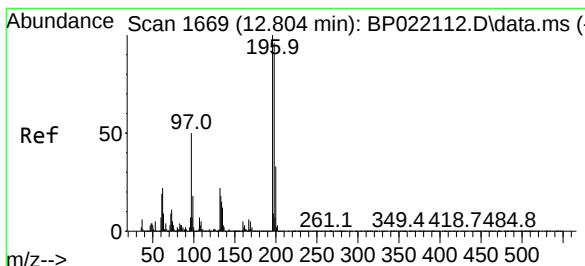
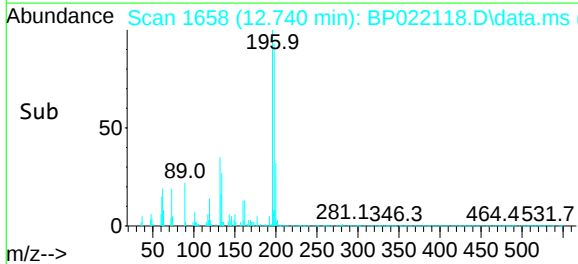
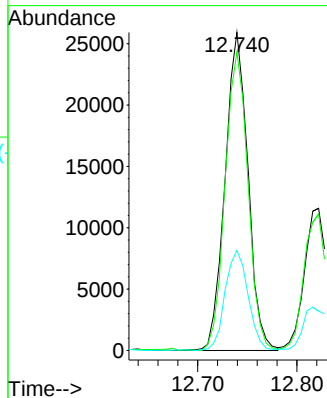
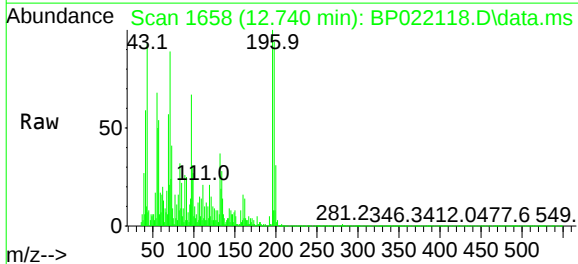
200 31.4 24.2 36.4

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Reviewed By :Jagrut Upadhyay 10/01/2024

Supervised By :mohammad ahmed 10/02/2024



#42

2,4,5-Trichlorophenol

Concen: 2.041 ng/ul

RT: 12.822 min Scan# 1672

Delta R.T. 0.006 min

Lab File: BP022118.D

Acq: 30 Sep 2024 18:44

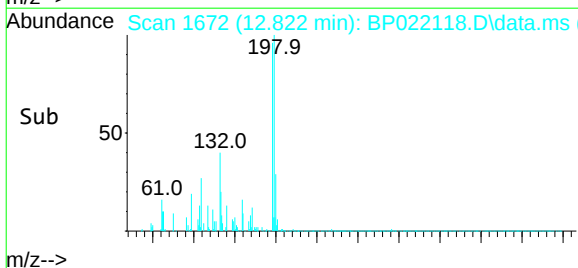
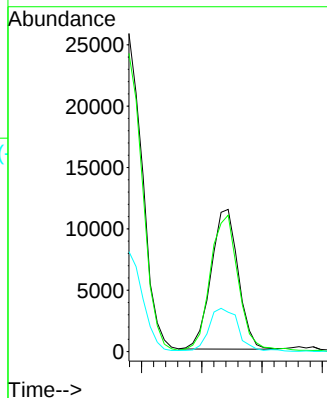
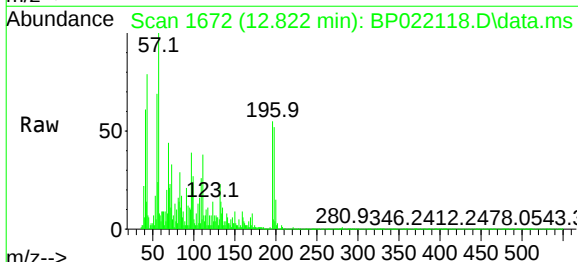
Tgt Ion:196 Resp: 17851

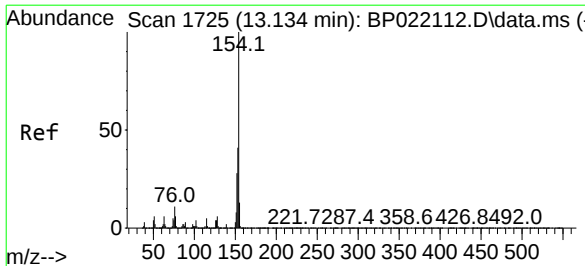
Ion Ratio Lower Upper

196 100

198 95.9 78.2 117.2

200 27.7 26.1 39.1





#43

1,1'-Biphenyl

Concen: 3.002 ng/u1

RT: 13.134 min Scan# 17

Delta R.T. -0.018 min

Lab File: BP022118.D

Acq: 30 Sep 2024 18:44

Instrument :

BNA_P

ClientSampleId :

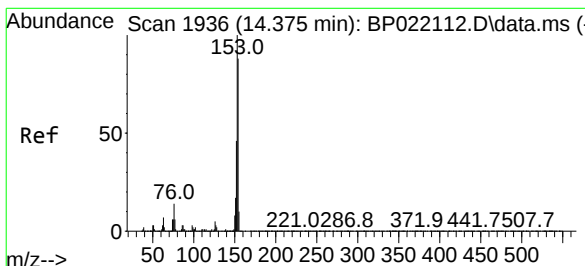
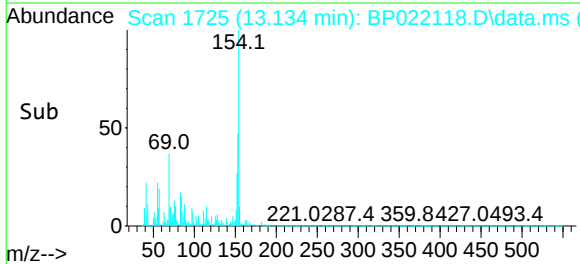
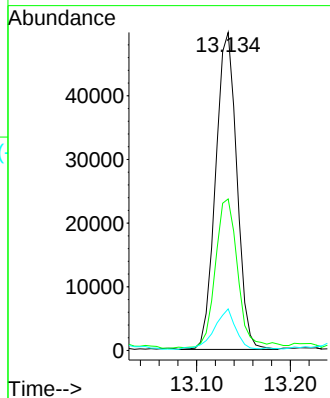
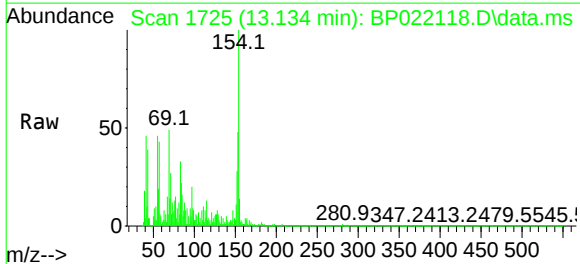
DDC37

Tgt	Ion:	154	Resp:	78253
Ion	Ratio	Lower	Upper	
154	100			
153	47.6	32.6	49.0	
76	13.1	10.1	15.1	

Manual Integrations

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



#52

Acenaphthene

Concen: 1.391 ng/u1

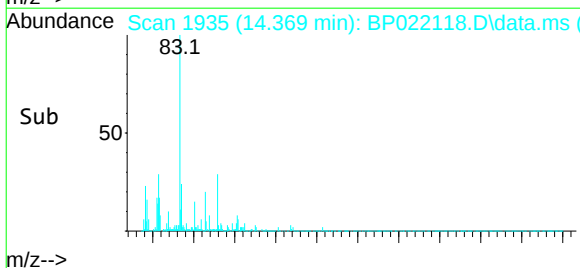
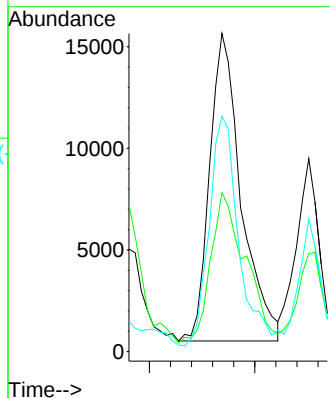
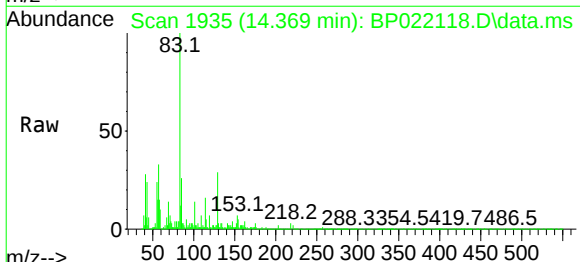
RT: 14.369 min Scan# 1935

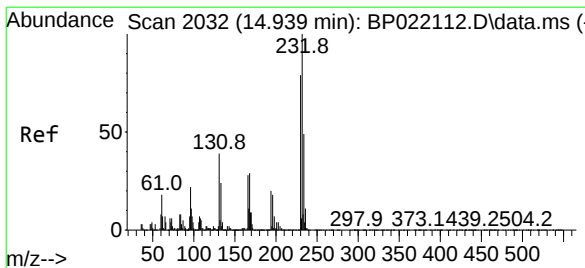
Delta R.T. -0.018 min

Lab File: BP022118.D

Acq: 30 Sep 2024 18:44

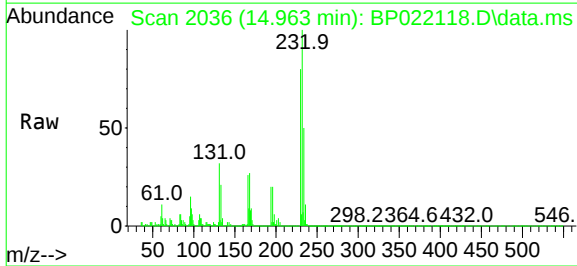
Tgt	Ion:	153	Resp:	31428
Ion	Ratio	Lower	Upper	
153	100			
152	50.0	37.1	55.7	
154	73.9	67.4	101.0	





#58
2,3,4,6-Tetrachlorophenol
Concen: 573.120 ng/ul
RT: 14.963 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BP022118.D
Acq: 30 Sep 2024 18:44

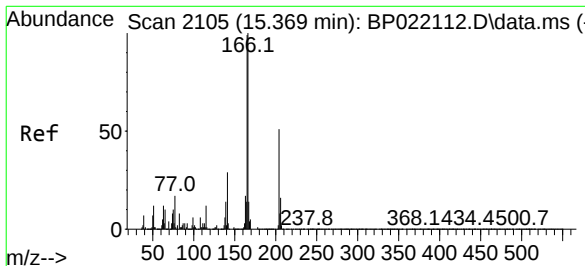
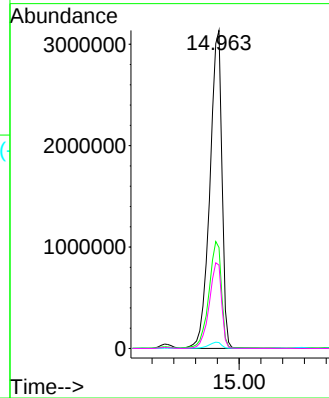
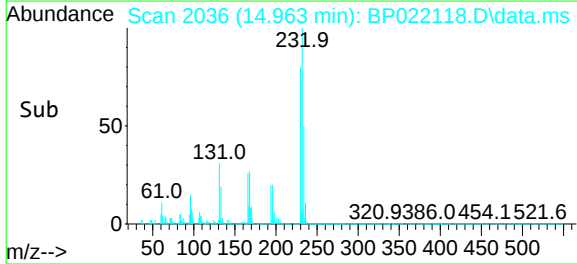
Instrument :
BNA_P
ClientSampleId :
DDC37



Tgt Ion:232 Resp: 4825767
Ion Ratio Lower Upper
232 100
131 31.7 28.2 42.2
130 1.9 1.8 2.6
166 26.2 21.8 32.6

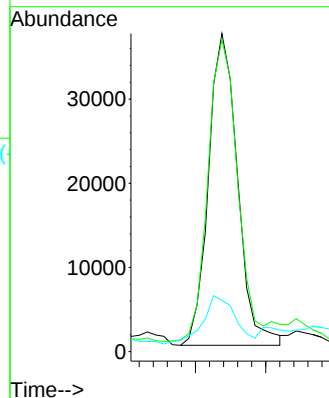
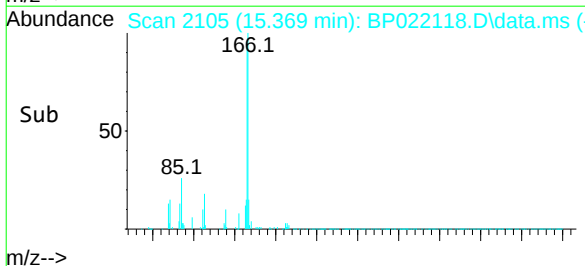
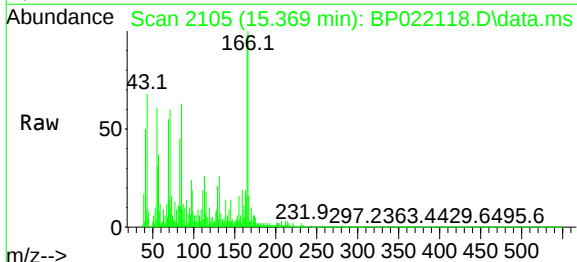
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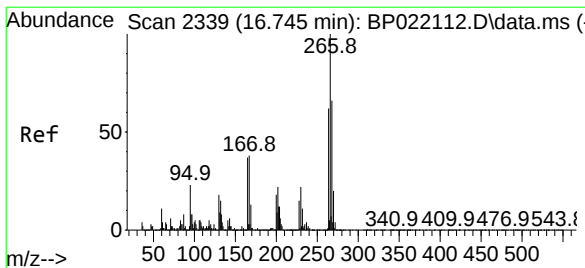
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#61
Fluorene
Concen: 1.910 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. -0.012 min
Lab File: BP022118.D
Acq: 30 Sep 2024 18:44

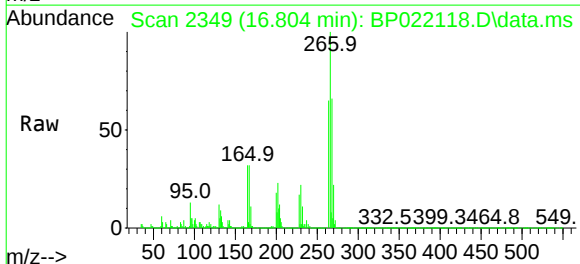
Tgt Ion:166 Resp: 53363
Ion Ratio Lower Upper
166 100
165 98.1 77.9 116.9
167 16.1 10.5 15.7#





#71
Pentachlorophenol
Concen: 2256.704 ng/u1
RT: 16.804 min Scan# 2339
Delta R.T. 0.047 min
Lab File: BP022118.D
Acq: 30 Sep 2024 18:44

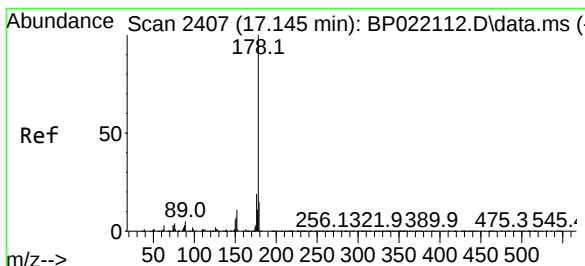
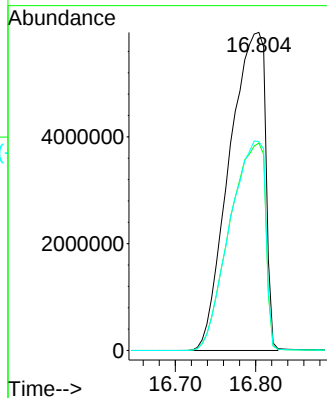
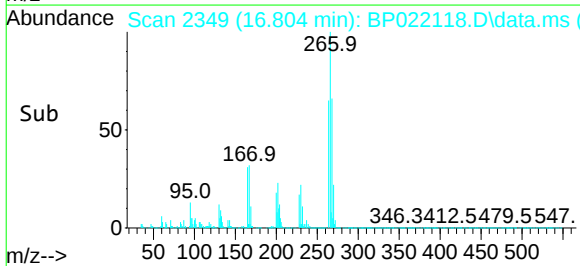
Instrument :
BNA_P
ClientSampleId :
DDC37



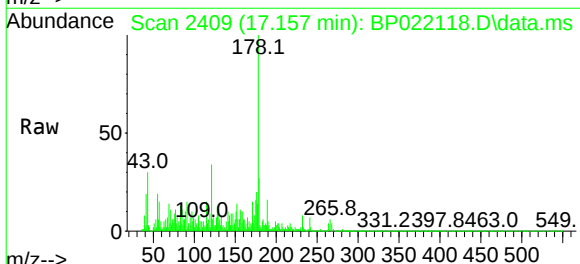
Tgt Ion:266 Resp:18559224
Ion Ratio Lower Upper
266 100
264 65.2 50.2 75.4
268 65.7 51.4 77.0

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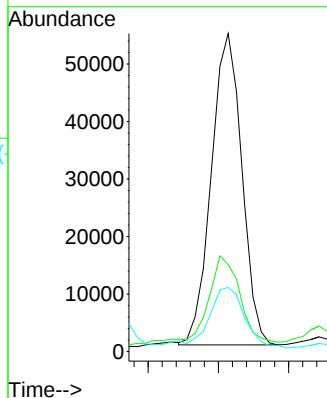
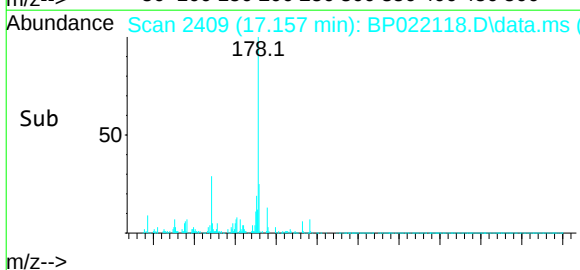
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024

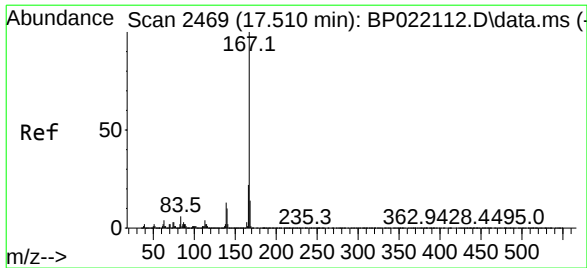


#72
Phenanthrene
Concen: 1.846 ng/u1
RT: 17.157 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP022118.D
Acq: 30 Sep 2024 18:44



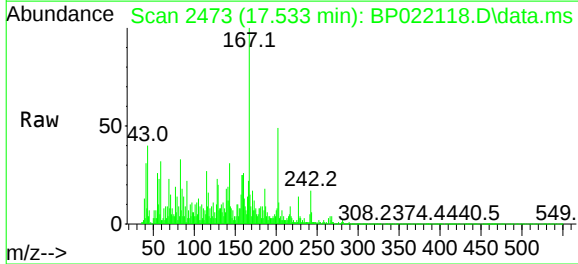
Tgt Ion:178 Resp: 81816
Ion Ratio Lower Upper
178 100
179 27.4 12.4 18.6#
176 20.2 15.0 22.6





#77
 Carbazole
 Concen: 1.190 ng/ul
 RT: 17.533 min Scan# 2469
 Delta R.T. 0.012 min
 Lab File: BP022118.D
 Acq: 30 Sep 2024 18:44

Instrument :
 BNA_P
 ClientSampleId :
 DDC37



Tgt Ion: 167 Resp: 47307
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 18.0 9.9 14.9#

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