

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093024\
 Data File : BP022115.D
 Acq On : 30 Sep 2024 16:41
 Operator : RC/JU
 Sample : P4022-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DD6D6

Manual Integrations
 APPROVED

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

Quant Time: Oct 01 08:01:51 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	92497	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.457	136	402363	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.310	164	319859	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.110	188	787264	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	932441	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	1095910	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	11918	5.047	ng/uL	0.00
4) Pyridine-d5	3.634	84	62093	9.199	ng/ul	0.00
7) Phenol-d5	6.905	99	74932	9.903	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.040	67	126468	27.144	ng/ul	0.00
11) 2-Chlorophenol-d4	7.257	132	148175	27.067	ng/ul	0.01
15) 4-Methylphenol-d8	8.416	113	130944	21.840	ng/ul	0.01
21) Nitrobenzene-d5	8.840	128	87364	29.010	ng/ul	0.00
24) 2-Nitrophenol-d4	9.551	143	103175	30.216	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.098	165	218447	29.458	ng/ul	0.00
31) 4-Chloroaniline-d4	10.575	131	38976	4.405	ng/ul	-0.03
46) Dimethylphthalate-d6	13.716	166	812004	32.841	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	837907	32.008	ng/ul	0.00
54) 4-Nitrophenol-d4	14.539	143	49357	11.670	ng/ul	0.01
60) Fluorene-d10	15.316	176	697471	31.890	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.433	200	183286m	37.499	ng/ul	-0.01
73) Anthracene-d10	17.216	188	1240500	33.753	ng/ul	0.00
81) Pyrene-d10	19.586	212	1660167	34.366	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.592	264	1931589	33.511	ng/ul	-0.02
Target Compounds						
23) Isophorone	9.399	82	73214	4.591	ng/ul#	89
30) Naphthalene	10.510	128	2098380	99.114	ng/ul	100
36) 2-Methylnaphthalene	12.122	142	2427894	154.314	ng/ul	99
37) 1-Methylnaphthalene	12.340	142	1351349	85.163	ng/ul	100
41) 2,4,6-Trichlorophenol	12.734	196	41991	5.923	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	49813	6.489	ng/ul	95
43) 1,1'-Biphenyl	13.134	154	61162	2.674	ng/ul#	60
52) Acenaphthene	14.369	153	35871	1.808	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.975	232	10279722	1391.071	ng/ul	94
61) Fluorene	15.369	166	40169	1.638	ng/ul#	98
71) Pentachlorophenol	16.804	266	21099355m	2754.822	ng/ul	
72) Phenanthrene	17.157	178	85853	2.080	ng/ul	98
77) Carbazole	17.522	167	54991	1.485	ng/ul	96

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

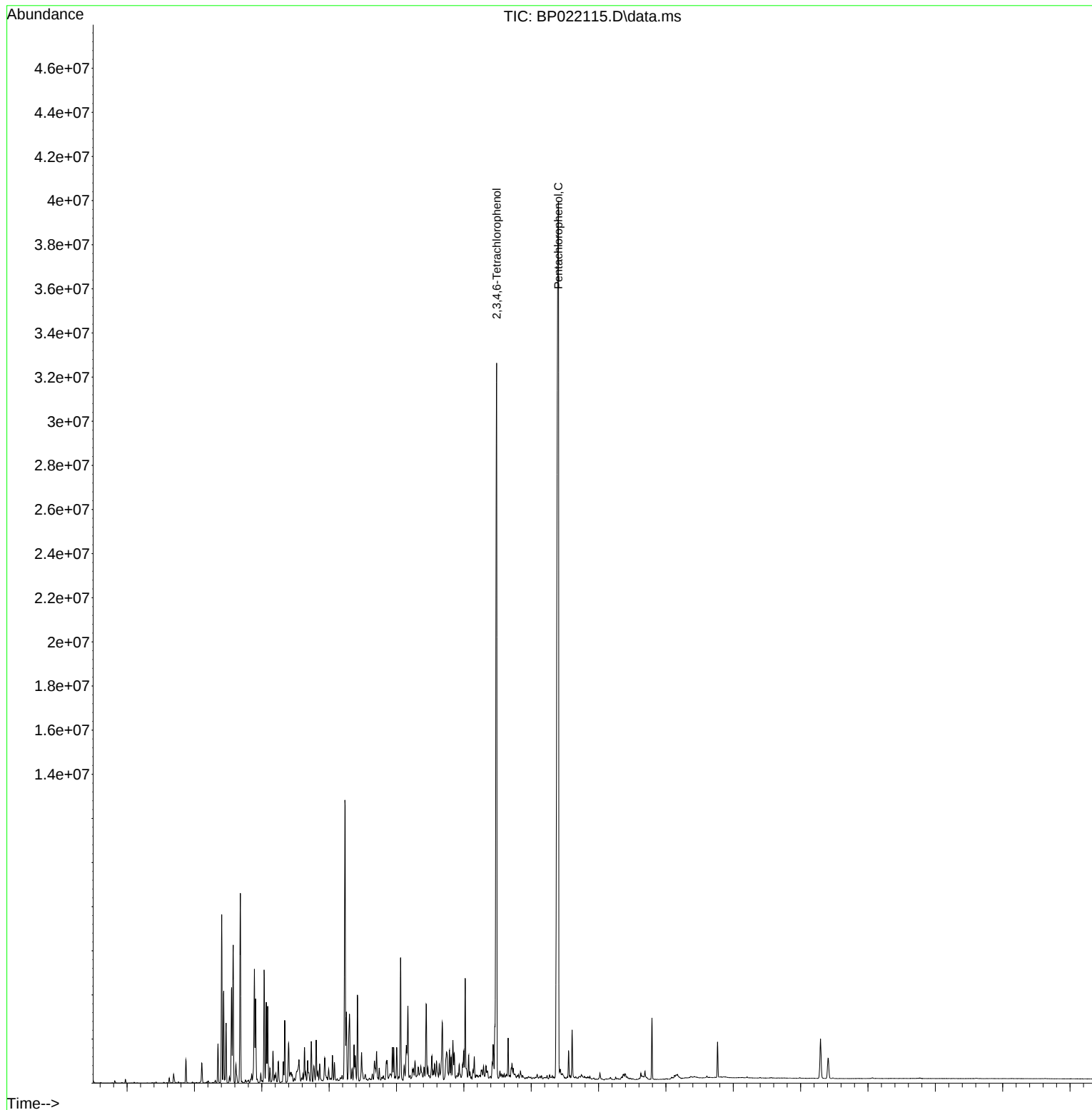
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Data File : BP022115.D
Acq On : 30 Sep 2024 16:41
Operator : RC/JU
Sample : P4022-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

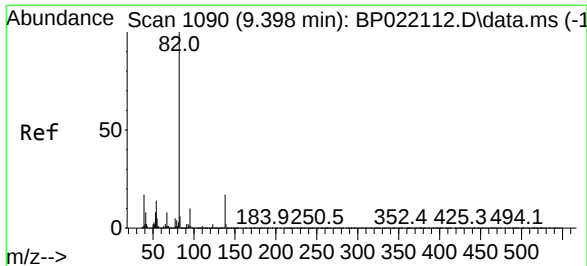
Instrument :
BNA_P
ClientSampleId :
DDCD6

Quant Time: Oct 01 08:01:51 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: 4.591 ng/u1

RT: 9.399 min Scan# 10

Delta R.T. -0.012 min

Lab File: BP022115.D

Acq: 30 Sep 2024 16:41

Instrument :

BNA_P

ClientSampleId :

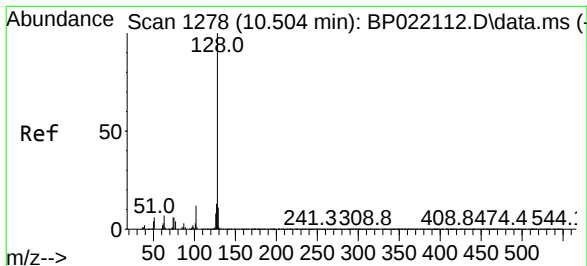
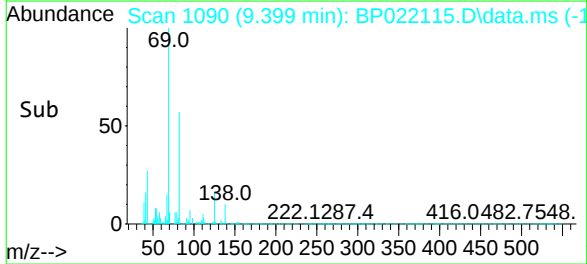
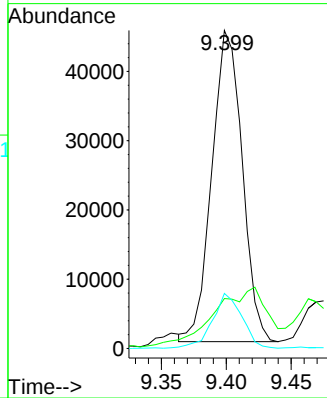
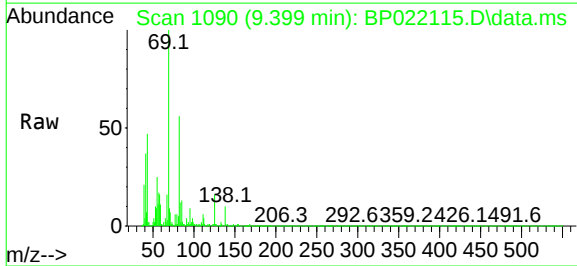
DDCD6

Tgt Ion: 82	Resp: 73214
Ion Ratio	Lower Upper
82 100	
95 15.7	7.0 10.4
138 17.3	11.9 17.9

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#30

Naphthalene

Concen: 99.114 ng/u1

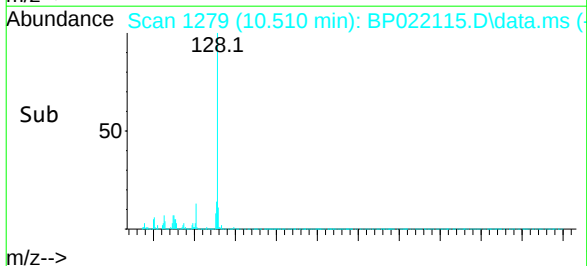
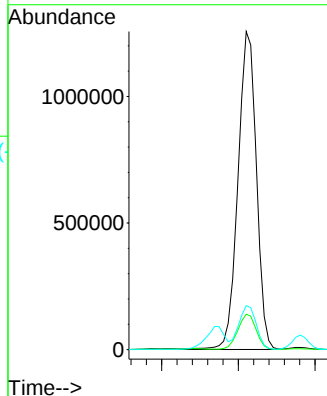
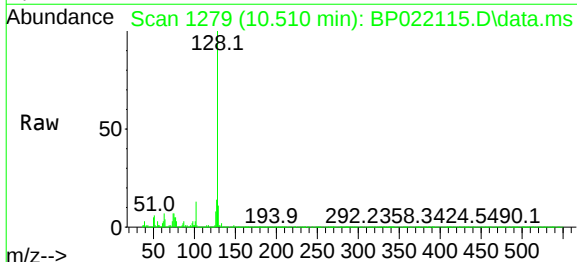
RT: 10.510 min Scan# 1279

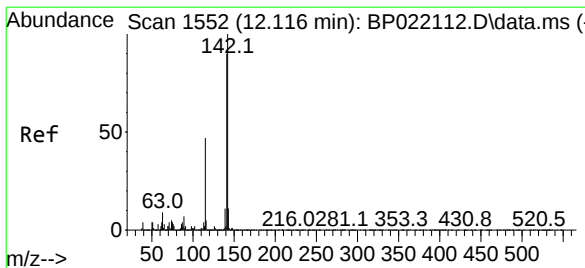
Delta R.T. -0.012 min

Lab File: BP022115.D

Acq: 30 Sep 2024 16:41

Tgt Ion: 128	Resp: 2098380
Ion Ratio	Lower Upper
128 100	
129 11.1	8.9 13.3
127 13.8	10.9 16.3





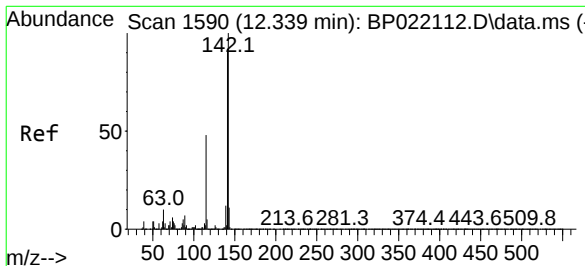
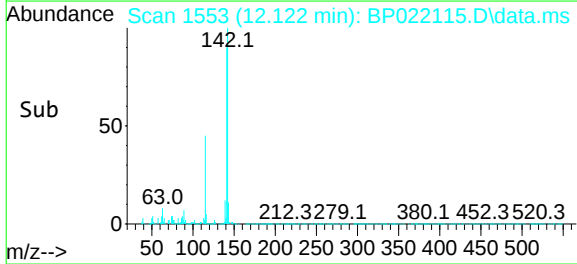
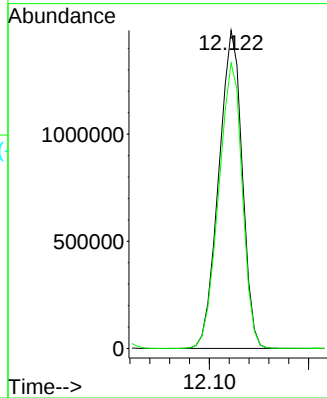
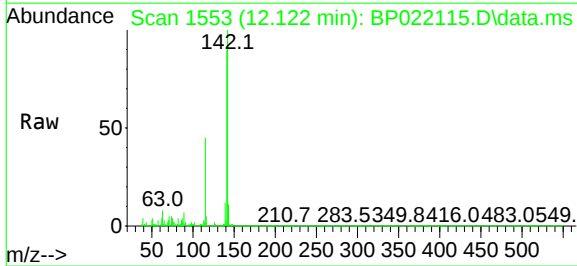
#36
2-Methylnaphthalene
Concen: 154.314 ng/u1
RT: 12.122 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BP022115.D
Acq: 30 Sep 2024 16:41

Instrument :
BNA_P
ClientSampleId :
DDCD6

Tgt Ion:142 Resp: 2427894
Ion Ratio Lower Upper
142 100
141 89.8 72.6 109.0

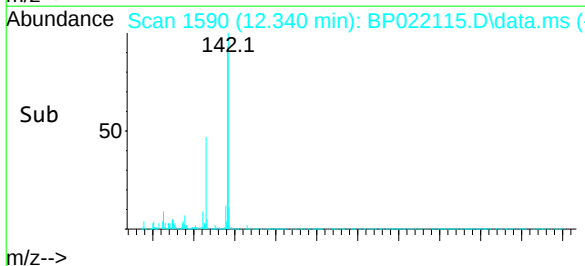
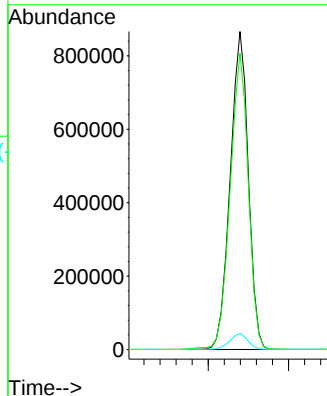
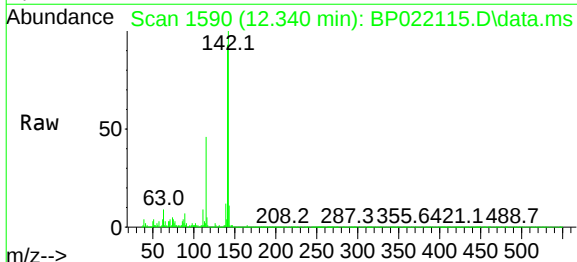
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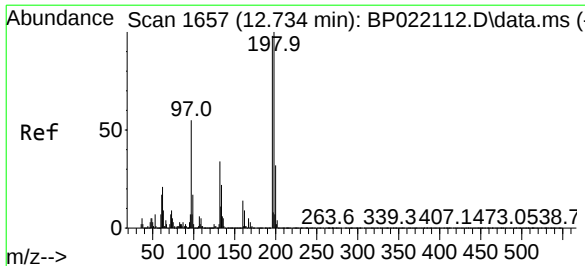
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#37
1-Methylnaphthalene
Concen: 85.163 ng/u1
RT: 12.340 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BP022115.D
Acq: 30 Sep 2024 16:41

Tgt Ion:142 Resp: 1351349
Ion Ratio Lower Upper
142 100
141 93.2 74.6 111.8
116 5.1 3.9 5.9





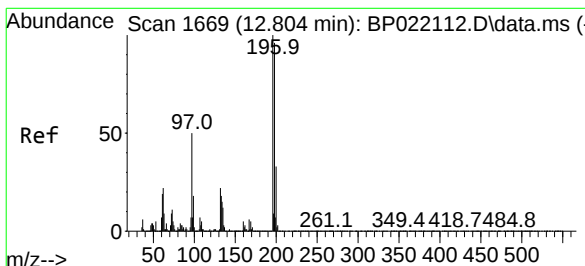
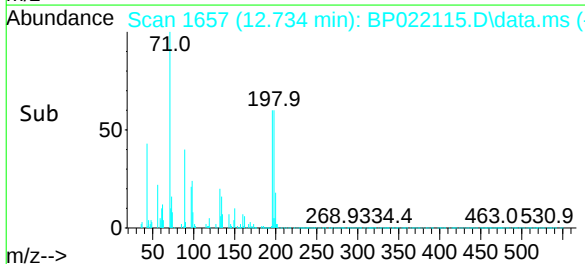
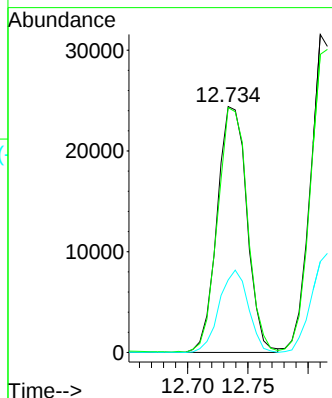
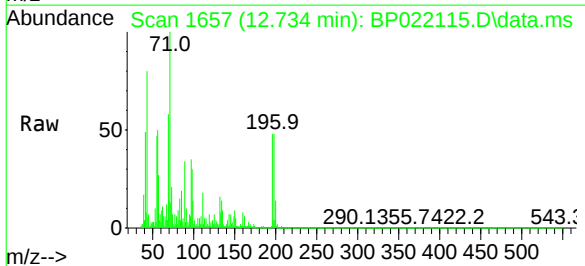
#41
2,4,6-Trichlorophenol
Concen: 5.923 ng/u1
RT: 12.734 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BP022115.D
Acq: 30 Sep 2024 16:41

Instrument :
BNA_P
ClientSampleId :
DDCD6

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	77.6	116.4
200	29.5	24.2	36.4

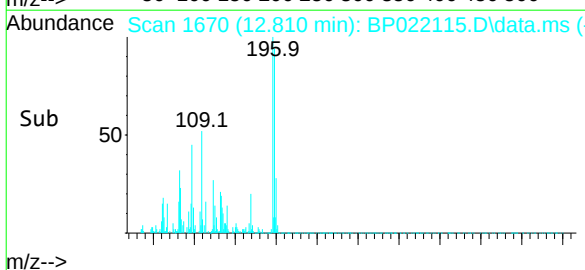
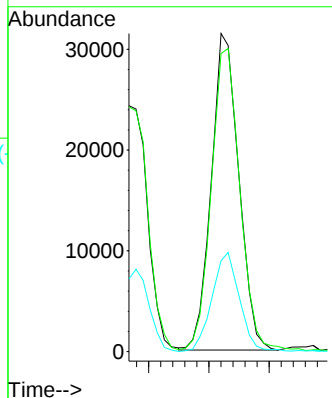
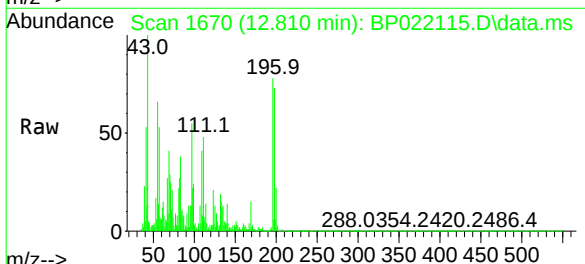
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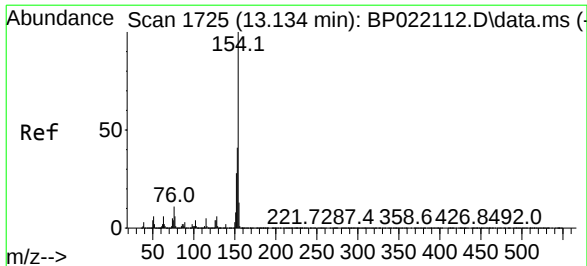
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#42
2,4,5-Trichlorophenol
Concen: 6.489 ng/u1
RT: 12.810 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BP022115.D
Acq: 30 Sep 2024 16:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	78.2	117.2
200	28.6	26.1	39.1





#43

1,1'-Biphenyl

Concen: 2.674 ng/u1

RT: 13.134 min Scan# 17

Delta R.T. -0.018 min

Lab File: BP022115.D

Acq: 30 Sep 2024 16:41

Instrument :

BNA_P

ClientSampleId :

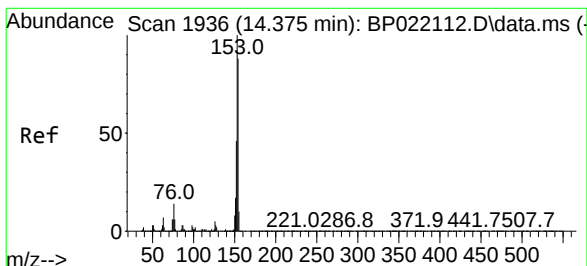
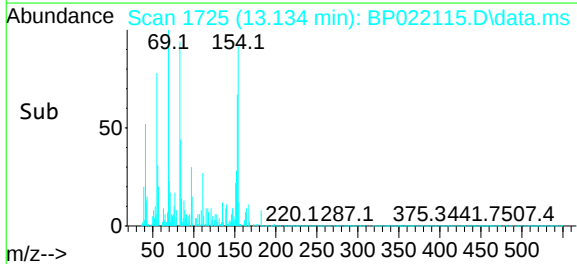
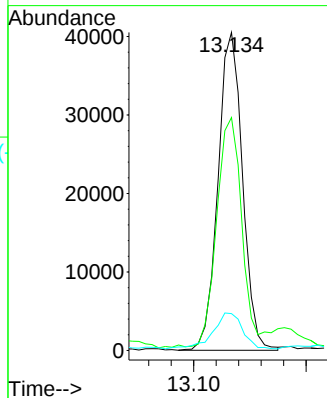
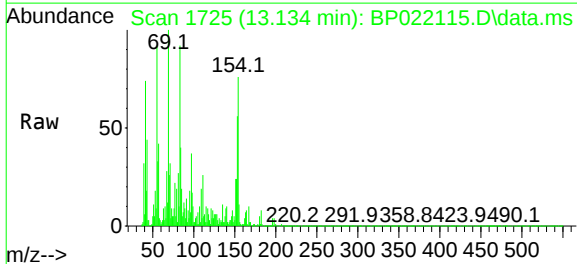
DDCD6

Tgt	Ion:154	Resp:	61162
Ion	Ratio	Lower	Upper
154	100		
153	73.2	32.6	49.0
76	11.6	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: 1.808 ng/u1

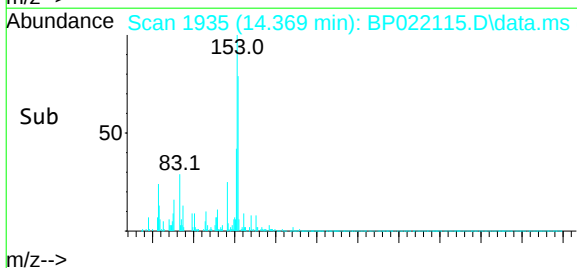
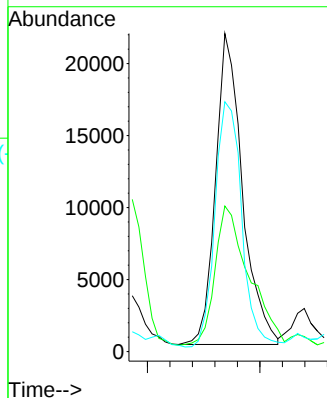
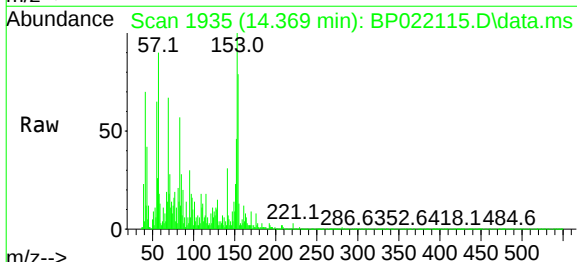
RT: 14.369 min Scan# 1935

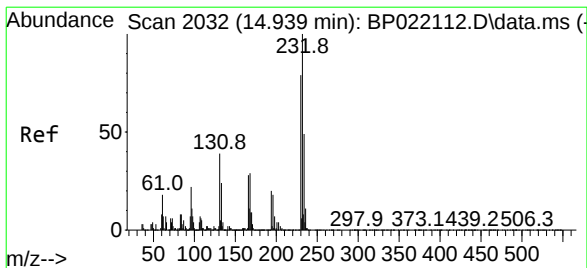
Delta R.T. -0.018 min

Lab File: BP022115.D

Acq: 30 Sep 2024 16:41

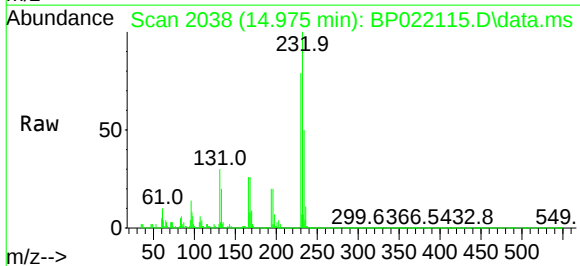
Tgt	Ion:153	Resp:	35871
Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.1	55.7
154	78.6	67.4	101.0





#58
2,3,4,6-Tetrachlorophenol
Concen: 1391.071 ng/ul
RT: 14.975 min Scan# 2032
Delta R.T. 0.012 min
Lab File: BP022115.D
Acq: 30 Sep 2024 16:41

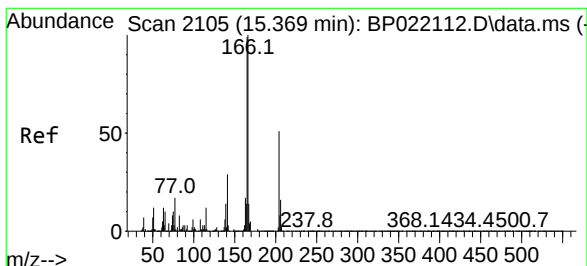
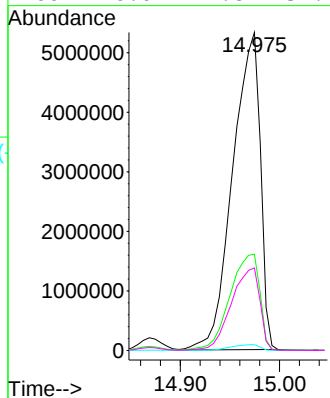
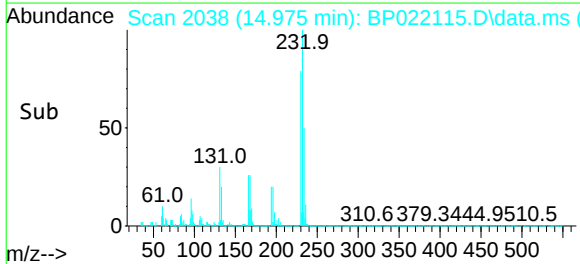
Instrument :
BNA_P
ClientSampleId :
DDCD6



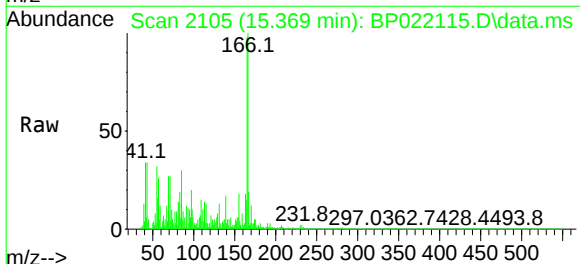
Tgt Ion: 232 Resp: 10279722
Ion Ratio Lower Upper
232 100
131 30.2 28.2 42.2
130 1.8 1.8 2.6
166 26.0 21.8 32.6

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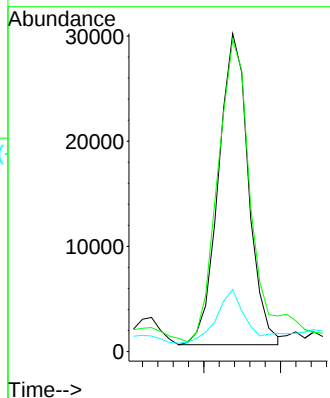
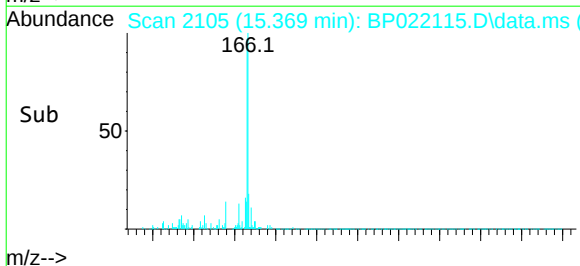
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024

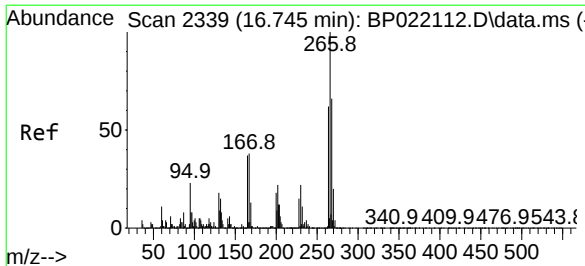


#61
Fluorene
Concen: 1.638 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. -0.012 min
Lab File: BP022115.D
Acq: 30 Sep 2024 16:41



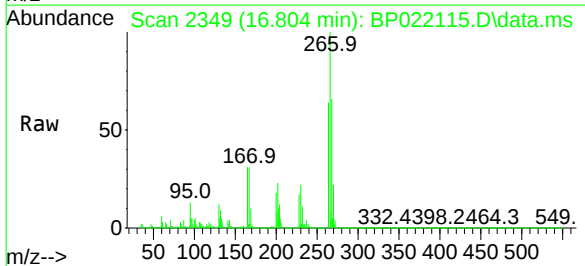
Tgt Ion: 166 Resp: 40169
Ion Ratio Lower Upper
166 100
165 98.0 77.9 116.9
167 19.5 10.5 15.7#





#71
Pentachlorophenol
Concen: 2754.822 ng/ul m
RT: 16.804 min Scan# 2339
Delta R.T. 0.047 min
Lab File: BP022115.D
Acq: 30 Sep 2024 16:41

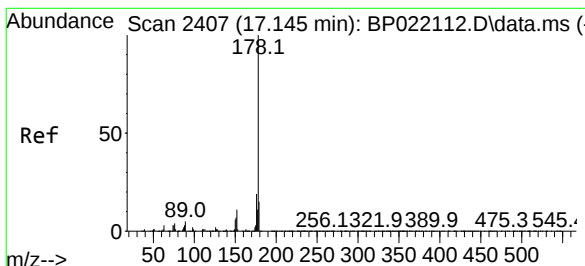
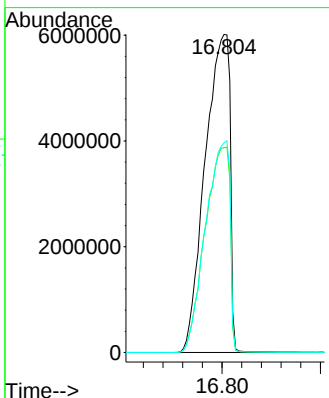
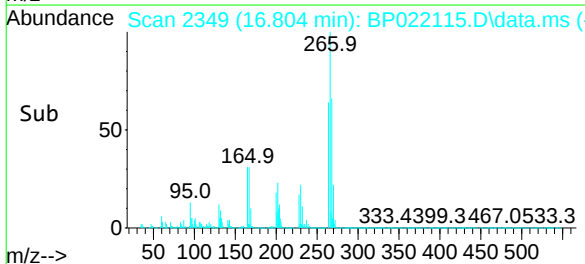
Instrument :
BNA_P
ClientSampleId :
DDCD6



Tgt Ion: 266 Resp: 21099355
Ion Ratio Lower Upper
266 100
264 64.4 50.2 75.4
268 65.9 51.4 77.0

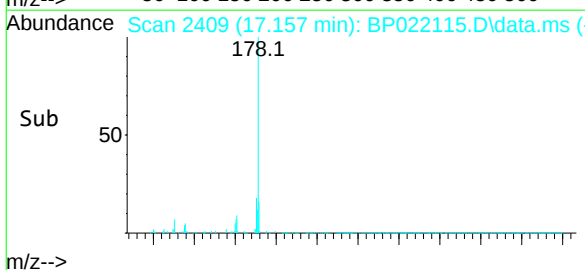
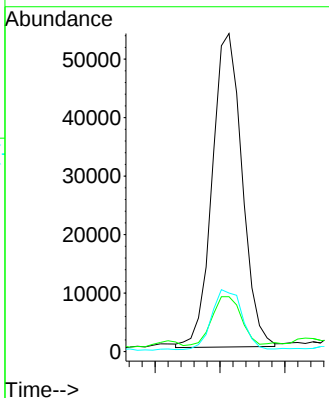
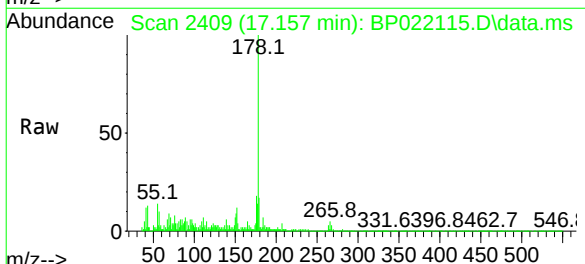
Manual Integrations
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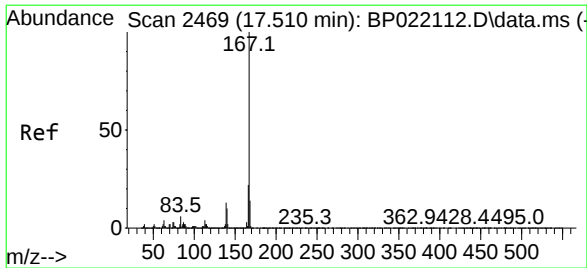
Reviewed By :Jagrut Upadhyay 10/01/2024
Supervised By :mohammad ahmed 10/02/2024



#72
Phenanthrene
Concen: 2.080 ng/ul
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP022115.D
Acq: 30 Sep 2024 16:41

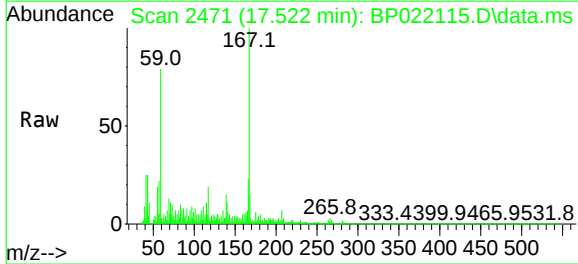
Tgt Ion: 178 Resp: 85853
Ion Ratio Lower Upper
178 100
179 17.3 12.4 18.6
176 18.4 15.0 22.6





#77
 Carbazole
 Concen: 1.485 ng/ul
 RT: 17.522 min Scan# 2469
 Delta R.T. -0.000 min
 Lab File: BP022115.D
 Acq: 30 Sep 2024 16:41

Instrument :
 BNA_P
 ClientSampleId :
 DD6D6



Tgt	Ion:167	Resp:	54991
Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.0	25.6
139	14.6	9.9	14.9

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