

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052622\
 Data File : BP010568.D
 Acq On : 26 May 2022 16:11
 Operator : CG/JU
 Sample : N2815-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 X3A82

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

05/27/2022
 Supervised By :mohammad
 ahmed

Quant Time: May 27 02:14:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	140130	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	609054	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	422214	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.263	188	920071	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.351	240	889496	20.000	ng/ul	# 0.00
88) Perylene-d12	23.768	264	756769	20.000	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	17851m	5.430	ng/uL	0.00
4) Pyridine-d5	3.752	84	255333	27.353	ng/ul	0.00
7) Phenol-d5	7.046	99	346449	29.456	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	240303	30.410	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	276573	30.731	ng/ul	-0.01
15) 4-Methylphenol-d8	8.587	113	287219	28.735	ng/ul	-0.01
21) Nitrobenzene-d5	9.040	128	147193	31.227	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	157436	31.516	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	303520	32.134	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.816	131	305316	21.740	ng/ul	-0.01
46) Dimethylphthalate-d6	13.928	166	1000933	32.177	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	1138123	31.719	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	137774m	24.883	ng/ul	0.00
60) Fluorene-d10	15.504	176	853006	31.519	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	141300	26.259	ng/ul	-0.01
73) Anthracene-d10	17.363	188	1341229	32.193	ng/ul	0.00
81) Pyrene-d10	19.598	212	1658565	35.111	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.609	264	1269516	33.408	ng/ul	0.00

Target Compounds						Qvalue
8) Phenol	7.075	94	689852	54.368	ng/ul#	91
12) 2-Chlorophenol	7.446	128	532526	56.680	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.416	45	433283	26.648	ng/ul#	80
19) Hexachloroethane	8.957	117	232594	56.922	ng/ul#	80
29) 2,4-Dichlorophenol	10.328	162	551704	57.129	ng/ul#	85
30) Naphthalene	10.728	128	1710290	53.763	ng/ul	97
33) Hexachlorobutadiene	11.022	225	340315	49.731	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.710	216	928158	72.037	ng/ul	94
48) 2,6-Dinitrotoluene	14.092	165	400185	63.621	ng/ul	98
52) Acenaphthene	14.575	153	1516734	59.898	ng/ul	97
57) 2,4-Dinitrotoluene	14.880	165	500140	55.234	ng/ul#	78
59) Diethylphthalate	15.333	149	1914466	60.804	ng/ul	93
61) Fluorene	15.563	166	1771491	58.373	ng/ul	92
69) Hexachlorobenzene	16.575	284	657079	60.287	ng/ul#	89
71) Pentachlorophenol	16.922	266	406215	59.398	ng/ul#	83
74) Anthracene	17.404	178	2535390	51.471	ng/ul	98
82) Pyrene	19.627	202	3752755	65.508	ng/ul	96
83) Butylbenzylphthalate	20.498	149	1640500	71.614	ng/ul#	82
85) Benzo(a)anthracene	21.333	228	2582100	46.422	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.257	149	2359922	70.204	ng/ul#	80
87) Chrysene	21.386	228	2546339	46.540	ng/ul	98
90) Benzo(b)fluoranthene	23.033	252	2380473	47.193	ng/ul	100
91) Benzo(k)fluoranthene	23.080	252	1830141	38.176	ng/ul#	98
93) Benzo(a)pyrene	23.662	252	1980540	42.261	ng/ul#	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Indeno(1,2,3-cd)pyrene	26.298	276	2597741	58.921	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.309	278	2413130	63.079	ng/ul#	95

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

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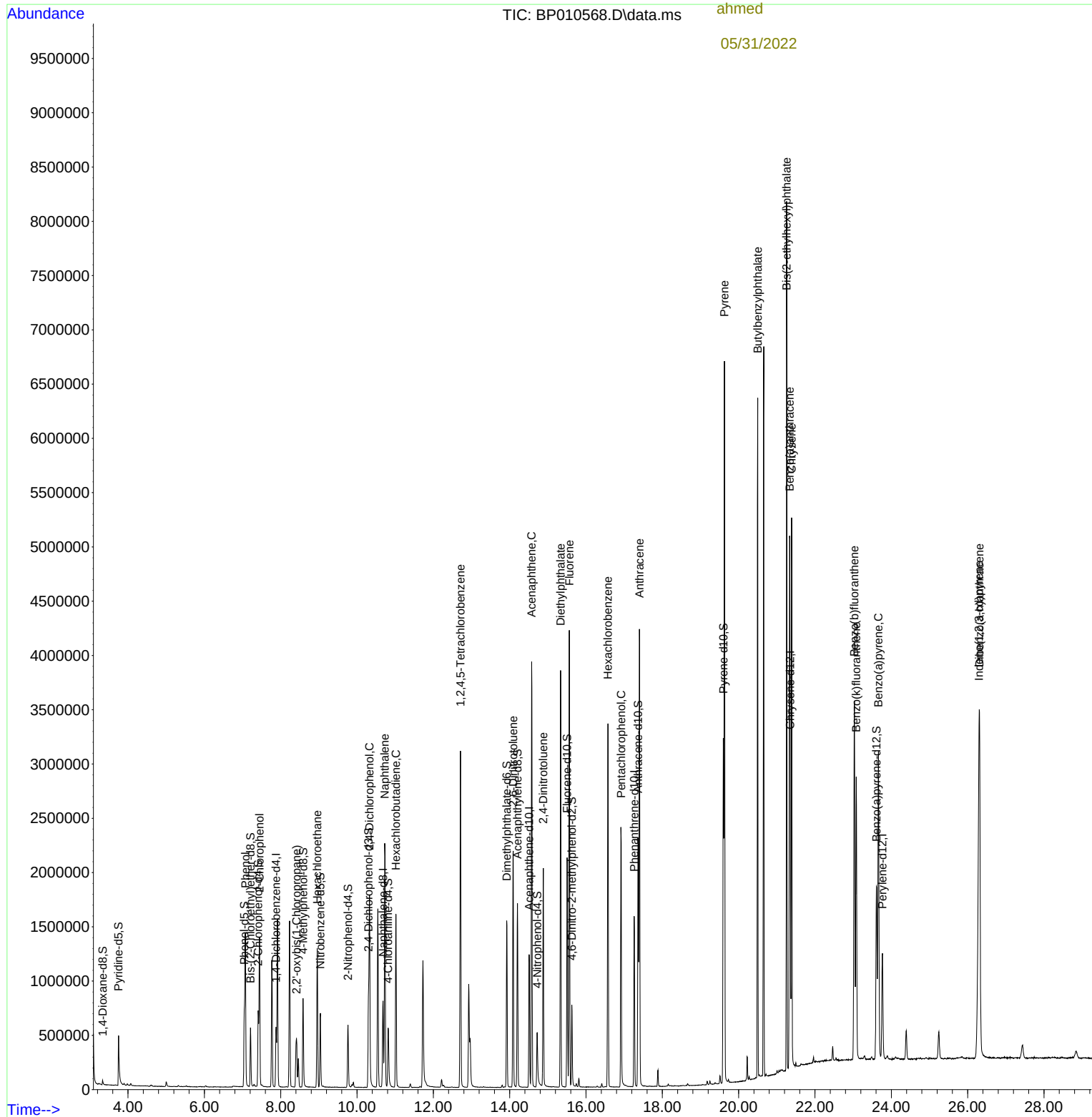
Instrument :
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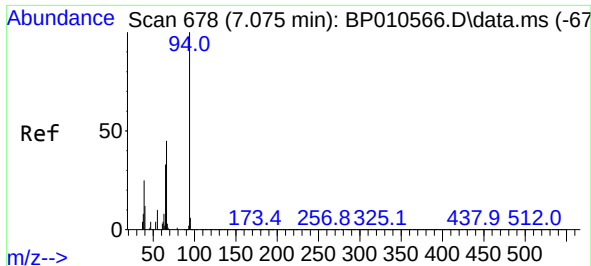
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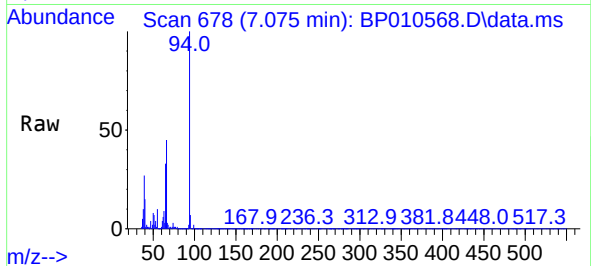
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#8
Phenol
Concen: 54.368 ng/ul
RT: 7.075 min Scan# 678
Delta R.T. -0.006 min
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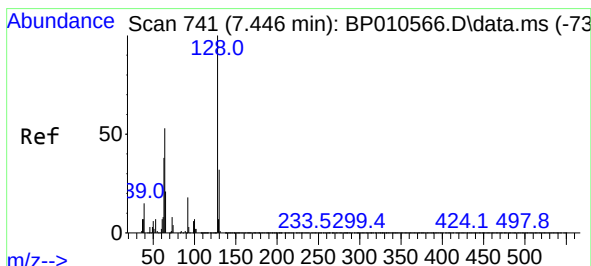
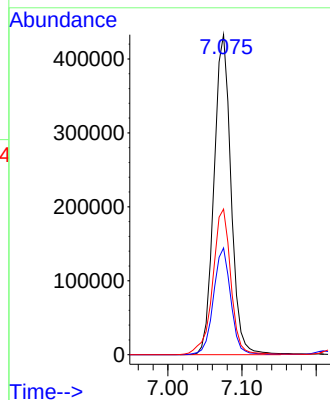
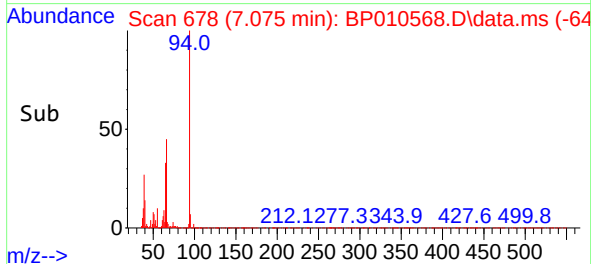
Tgt Ion: 94 Resp: 689852
Ion Ratio Lower Upper
94 100
65 33.3 19.0 28.6
66 45.5 34.6 51.8

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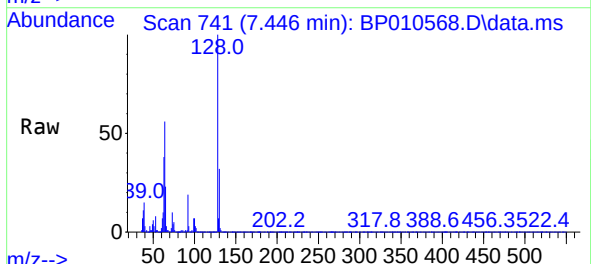
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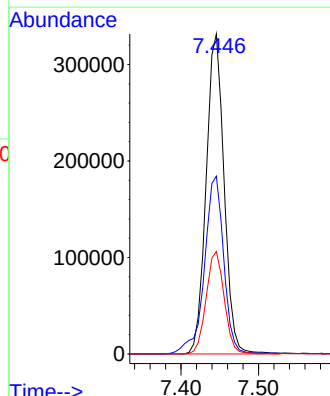
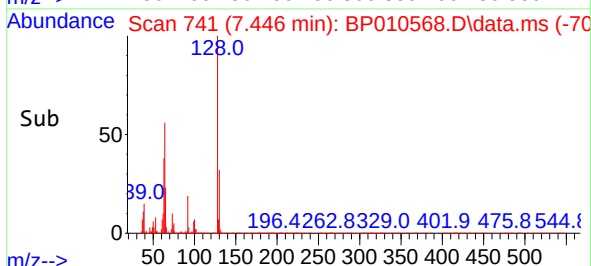
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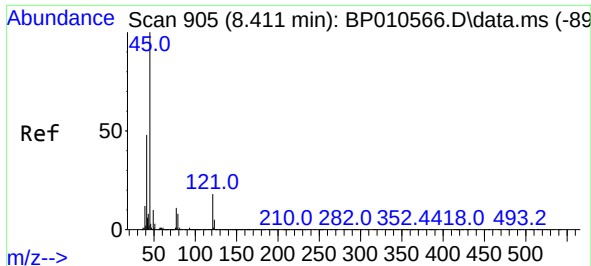


#12
2-Chlorophenol
Concen: 56.680 ng/ul
RT: 7.446 min Scan# 741
Delta R.T. -0.006 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11



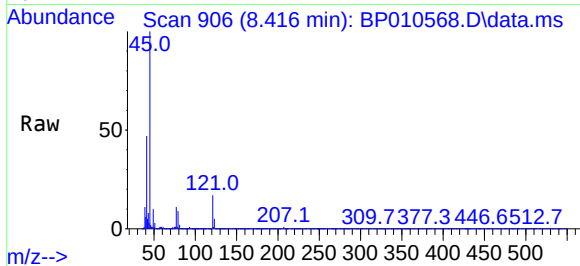
Tgt Ion:128 Resp: 532526
Ion Ratio Lower Upper
128 100
64 55.6 45.3 67.9
130 32.0 29.0 43.6





#14
2,2'-oxybis(1-Chloropropane)
Concen: 26.648 ng/ul
RT: 8.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

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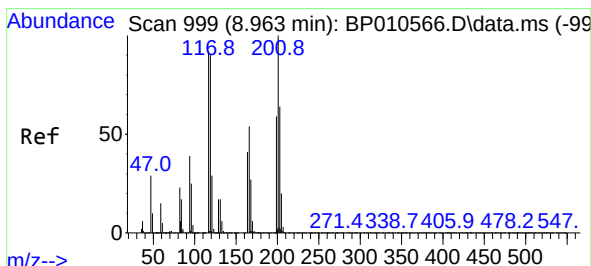
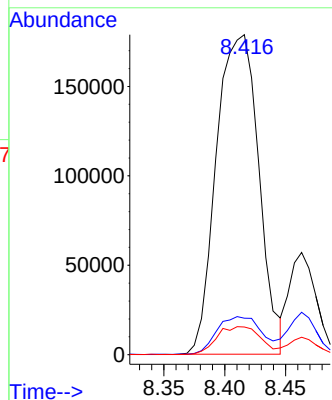
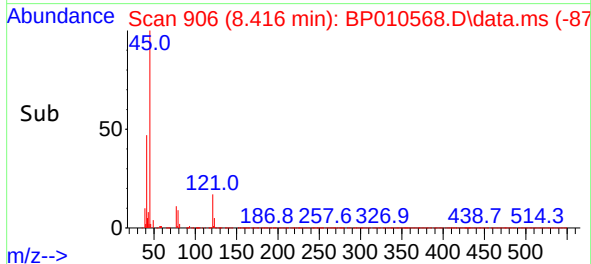
Tgt Ion: 45 Resp: 433283
Ion Ratio Lower Upper
45 100
77 11.4 17.1 25.7
79 8.7 13.2 19.8

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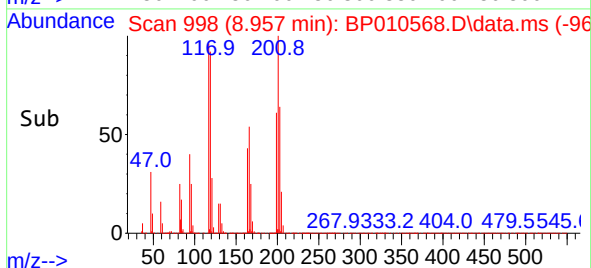
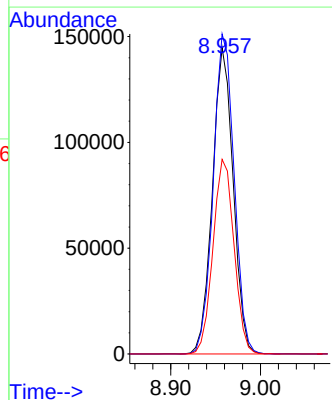
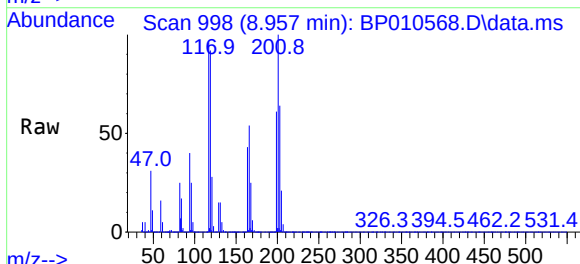
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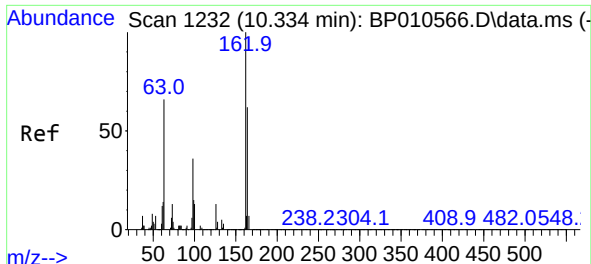
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#19
Hexachloroethane
Concen: 56.922 ng/ul
RT: 8.957 min Scan# 998
Delta R.T. -0.012 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

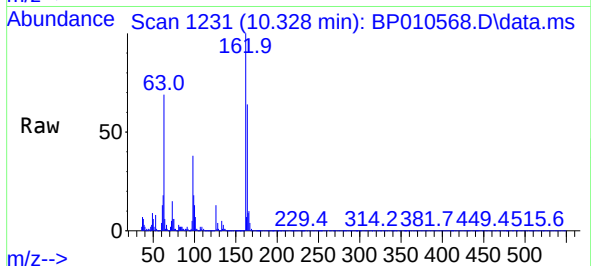
Tgt Ion:117 Resp: 232594
Ion Ratio Lower Upper
117 100
201 104.5 106.5 159.7
199 63.5 59.0 88.6





#29
2,4-Dichlorophenol
Concen: 57.129 ng/ul
RT: 10.328 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

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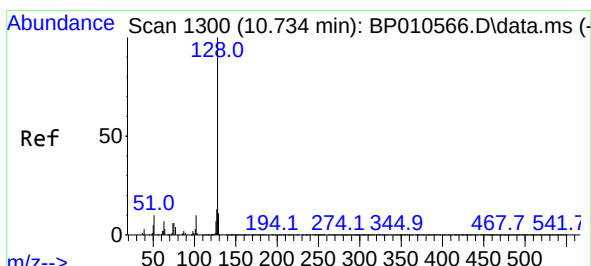
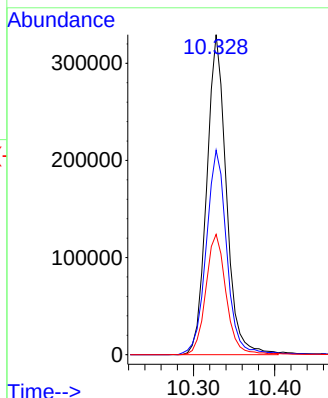
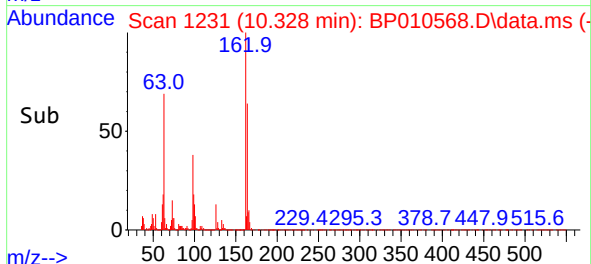
Tgt Ion:162 Resp: 551704
Ion Ratio Lower Upper
162 100
164 63.9 37.0 55.6
98 37.6 31.0 46.6

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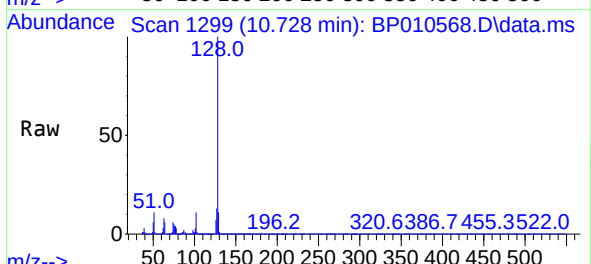
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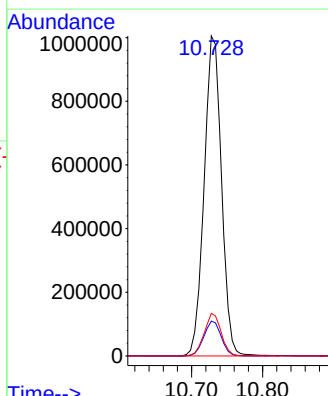
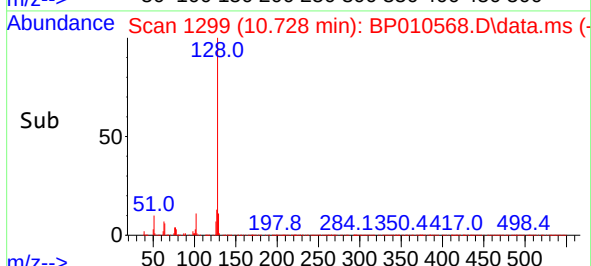
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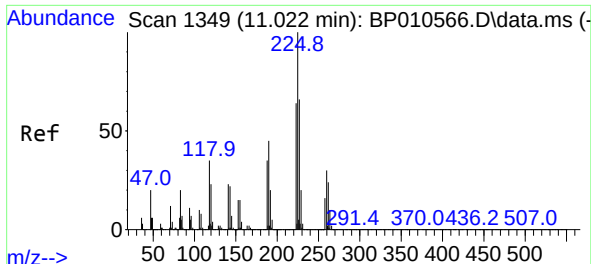


#30
Naphthalene
Concen: 53.763 ng/ul
RT: 10.728 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11



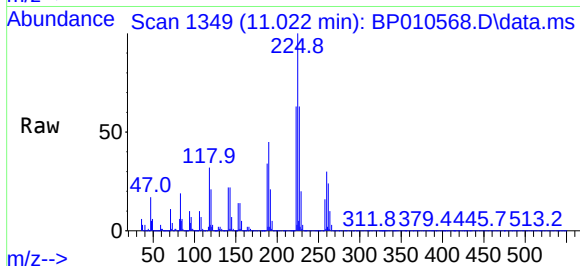
Tgt Ion:128 Resp: 1710290
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.3 12.2 18.4





#33
Hexachlorobutadiene
Concen: 49.731 ng/ul
RT: 11.022 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

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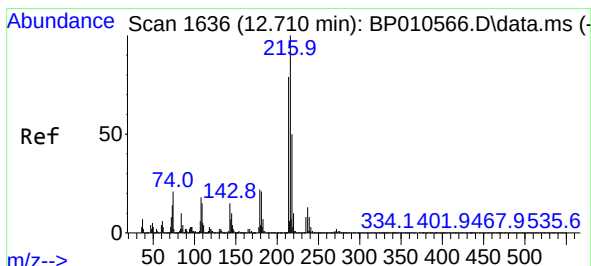
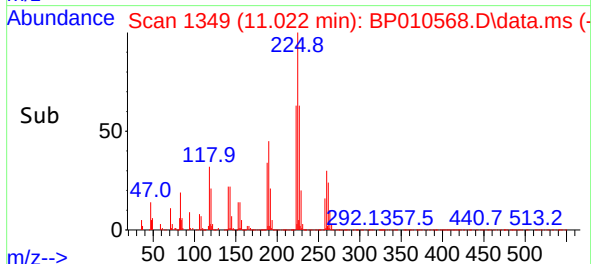
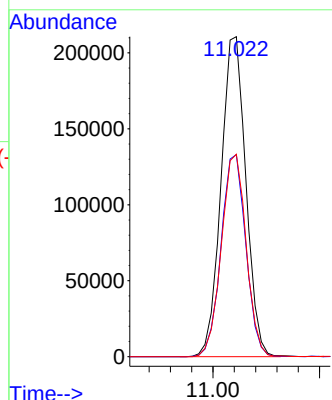
Tgt Ion:225 Resp: 340315
Ion Ratio Lower Upper
225 100
223 63.2 53.4 80.0
227 63.2 53.8 80.8

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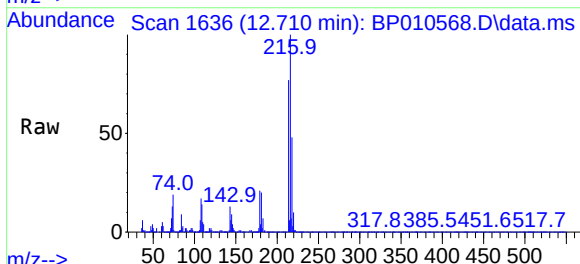
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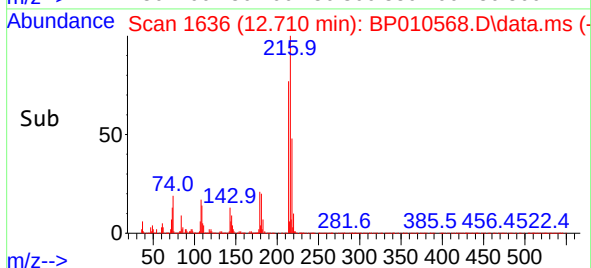
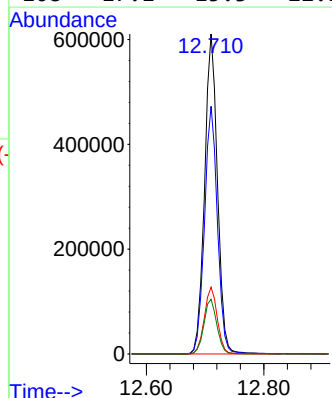
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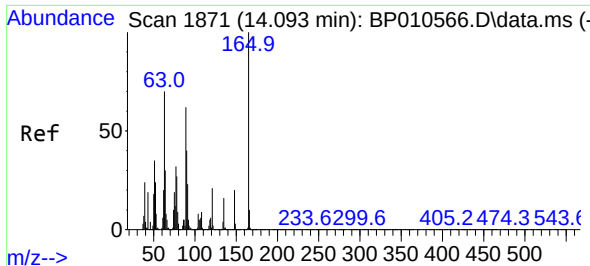


#39
1,2,4,5-Tetrachlorobenzene
Concen: 72.037 ng/ul
RT: 12.710 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11



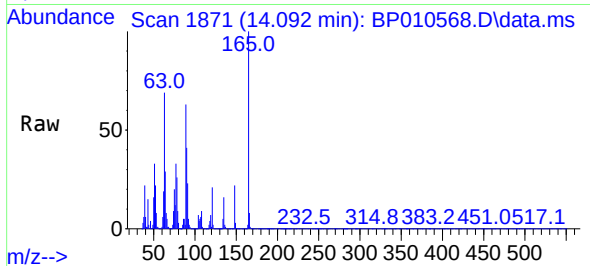
Tgt Ion:216 Resp: 928158
Ion Ratio Lower Upper
216 100
214 77.4 58.2 87.2
179 20.8 14.2 21.2
108 17.1 15.3 22.9





#48
2,6-Dinitrotoluene
Concen: 63.621 ng/ul
RT: 14.092 min Scan# 1871
Delta R.T. -0.000 min
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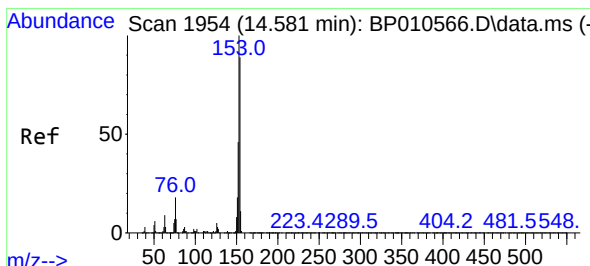
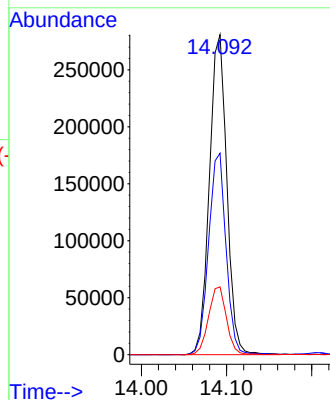
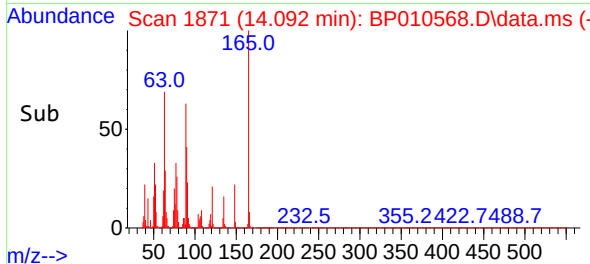
Tgt Ion:165 Resp: 400185
Ion Ratio Lower Upper
165 100
89 63.0 51.7 77.5
121 21.2 18.3 27.5

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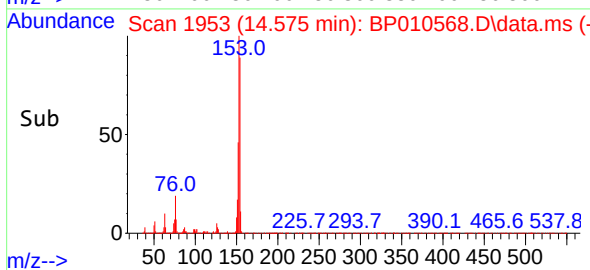
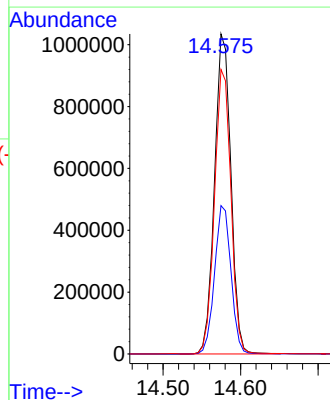
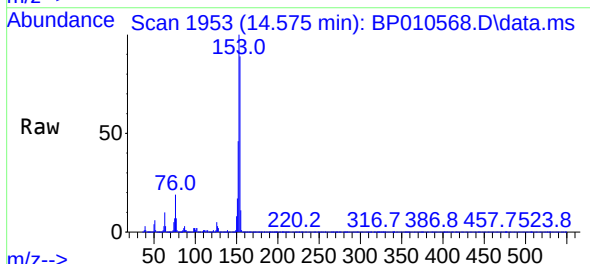
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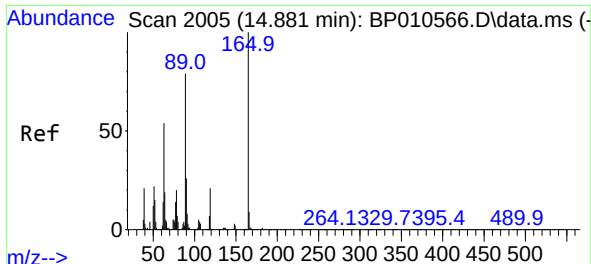
05/31/2022



#52
Acenaphthene
Concen: 59.898 ng/ul
RT: 14.575 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

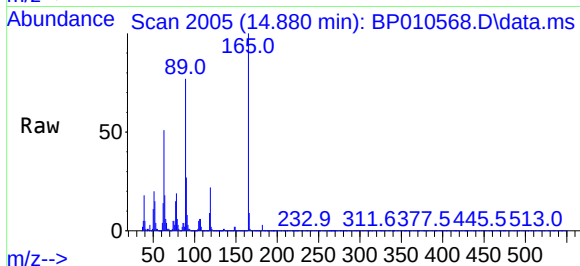
Tgt Ion:153 Resp: 1516734
Ion Ratio Lower Upper
153 100
152 46.4 34.3 51.5
154 88.9 70.0 105.0





#57
2,4-Dinitrotoluene
Concen: 55.234 ng/ul
RT: 14.880 min Scan# 2005
Delta R.T. -0.006 min
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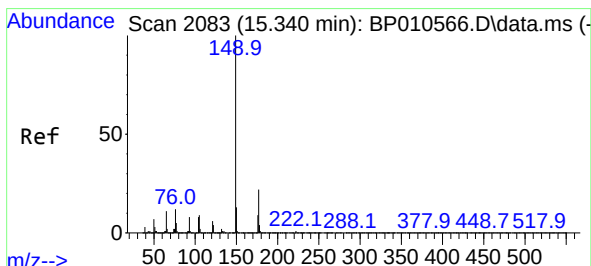
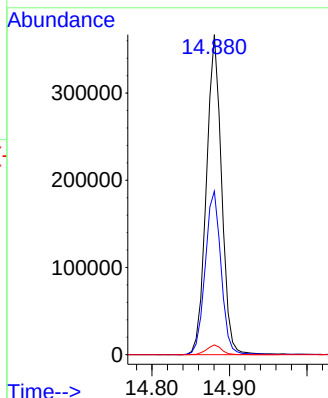
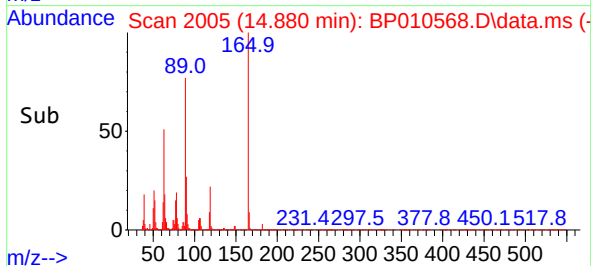
Tgt Ion:165 Resp: 500140
Ion Ratio Lower Upper
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63 51.1 29.5 44.3
182 3.1 2.8 4.2

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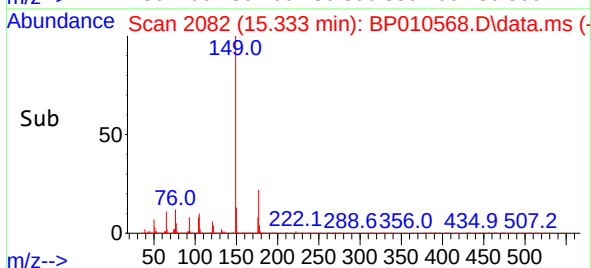
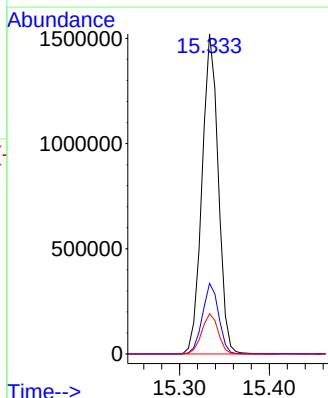
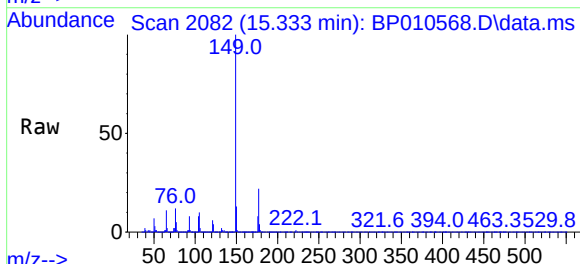
05/27/2022
Supervised By :mohammad
ahmed

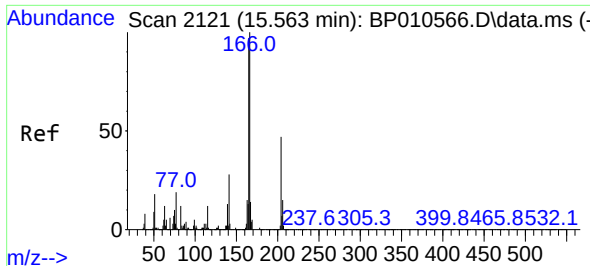
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#59
Diethylphthalate
Concen: 60.804 ng/ul
RT: 15.333 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

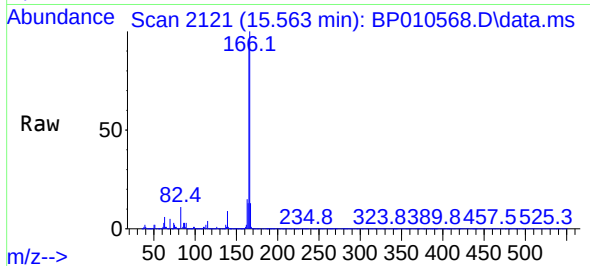
Tgt Ion:149 Resp: 1914466
Ion Ratio Lower Upper
149 100
177 22.1 22.0 33.0
150 12.6 10.2 15.2





#61
Fluorene
Concen: 58.373 ng/ul
RT: 15.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

Instrument :
BNA_P
ClientSampleId :
X3A82



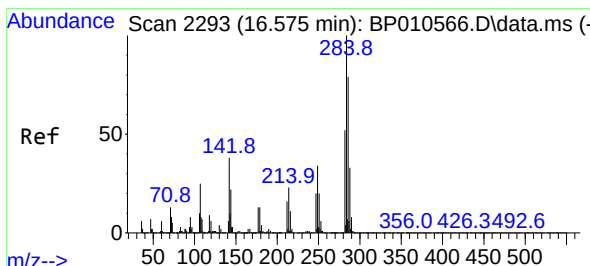
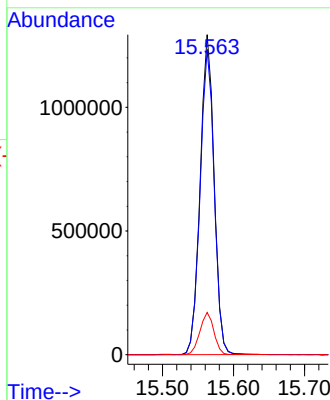
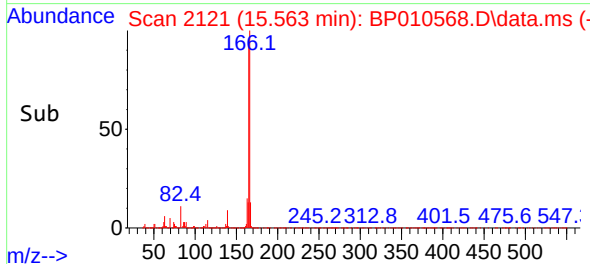
Tgt Ion:166 Resp: 177149
Ion Ratio Lower Upper
166 100
165 95.4 70.3 105.5
167 13.2 9.5 14.3

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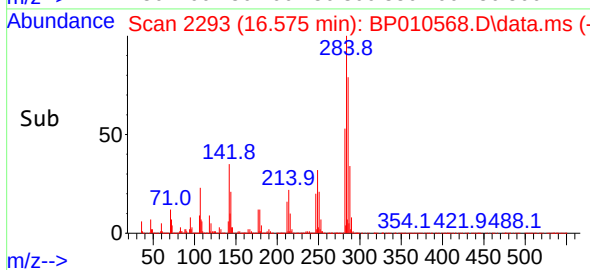
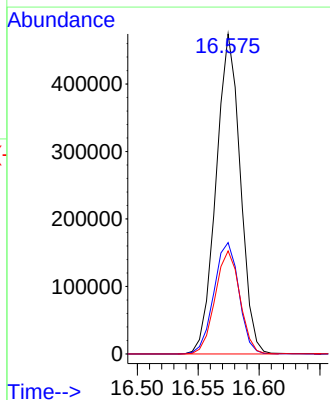
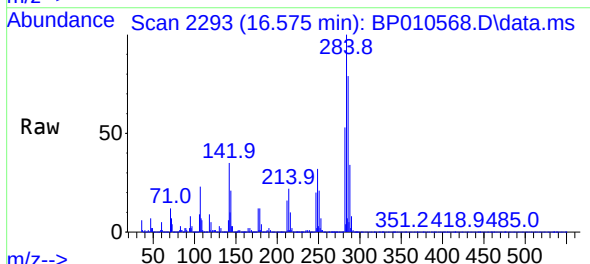
05/27/2022
Supervised By :mohammad
ahmed

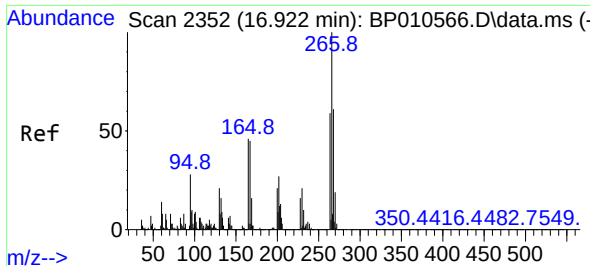
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#69
Hexachlorobenzene
Concen: 60.287 ng/ul
RT: 16.575 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

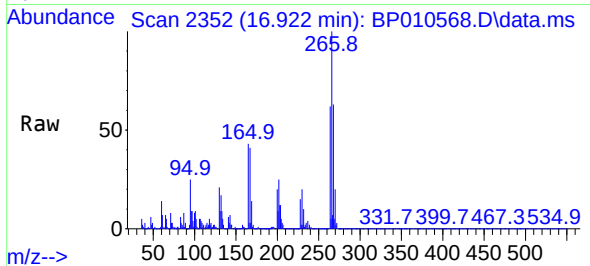
Tgt Ion:284 Resp: 657079
Ion Ratio Lower Upper
284 100
142 34.8 19.2 28.8#
249 32.2 27.4 41.2





#71
Pentachlorophenol
Concen: 59.398 ng/ul
RT: 16.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

Instrument :
BNA_P
ClientSampleId :
X3A82



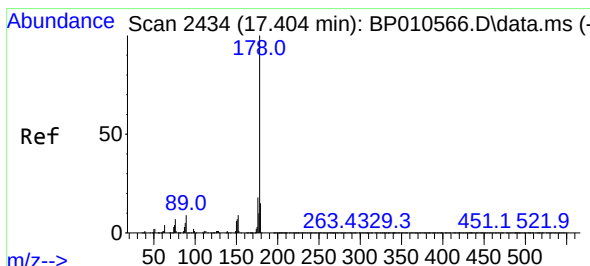
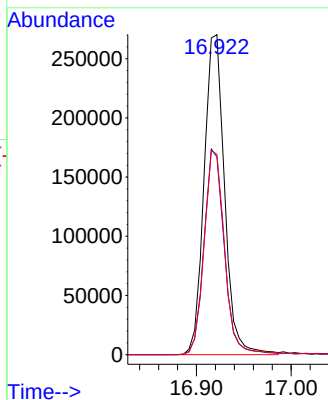
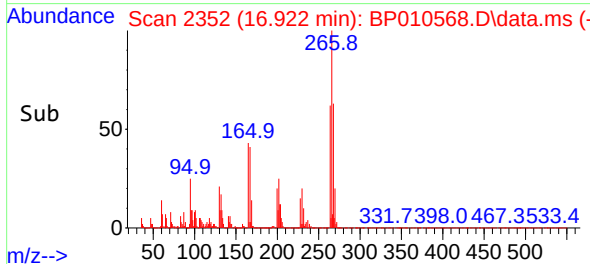
Tgt Ion:266 Resp: 406215
Ion Ratio Lower Upper
266 100
264 61.8 57.3 85.9
268 62.6 65.7 98.5

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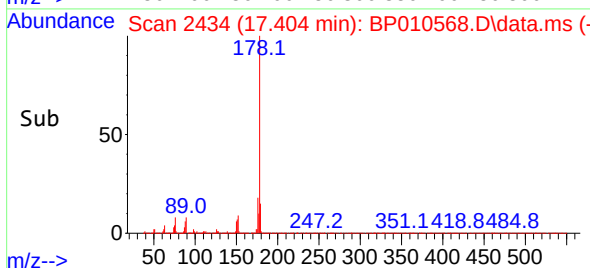
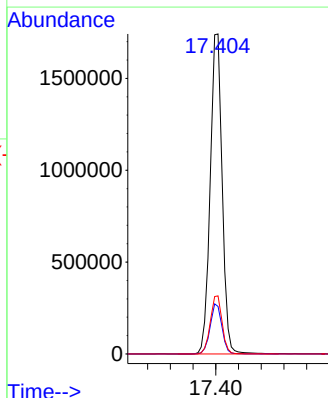
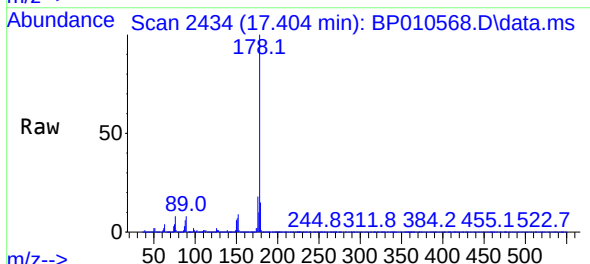
05/27/2022
Supervised By :mohammad
ahmed

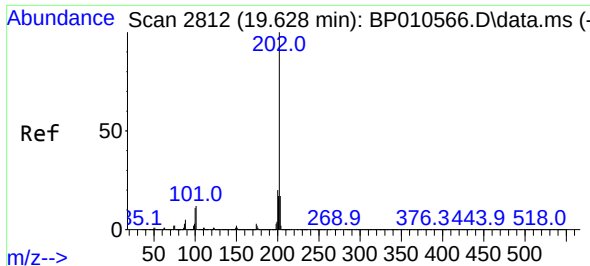
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#74
Anthracene
Concen: 51.471 ng/ul
RT: 17.404 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

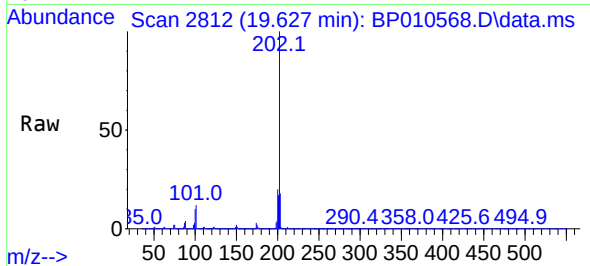
Tgt Ion:178 Resp: 2535390
Ion Ratio Lower Upper
178 100
179 14.9 12.3 18.5
176 18.1 13.4 20.2





#82
Pyrene
Concen: 65.508 ng/ul
RT: 19.627 min Scan# 2812
Delta R.T. -0.000 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

Instrument :
BNA_P
ClientSampleId :
X3A82



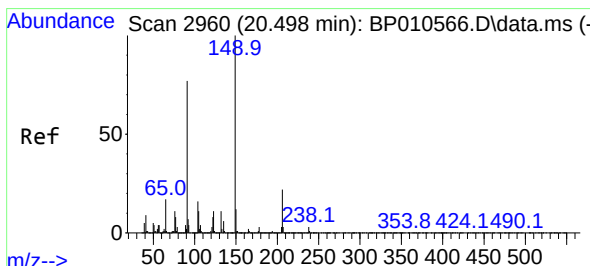
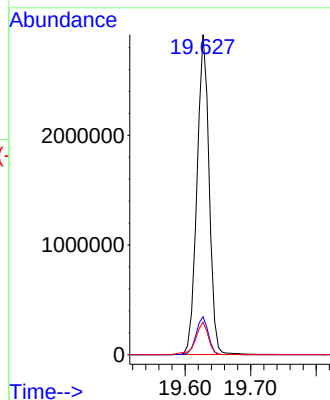
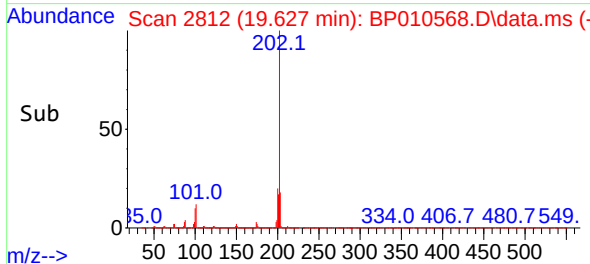
Tgt Ion:202 Resp: 375275
Ion Ratio Lower Upper
202 100
101 11.9 10.6 15.8
100 10.1 9.8 14.6

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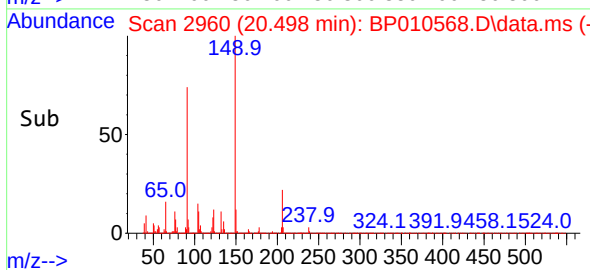
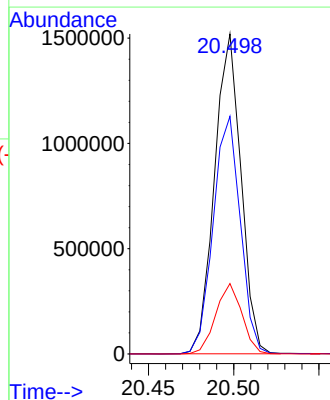
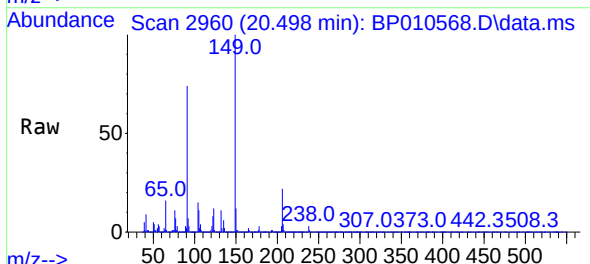
05/27/2022
Supervised By :mohammad
ahmed

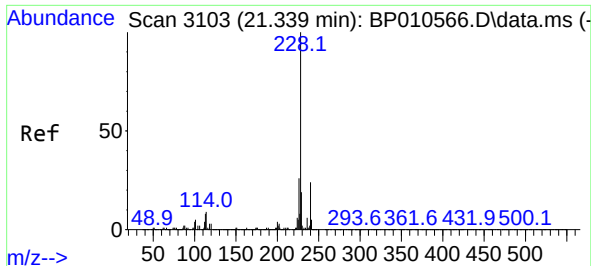
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#83
Butylbenzylphthalate
Concen: 71.614 ng/ul
RT: 20.498 min Scan# 2960
Delta R.T. -0.000 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

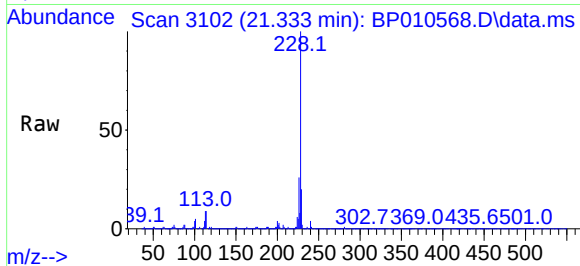
Tgt Ion:149 Resp: 1640500
Ion Ratio Lower Upper
149 100
91 74.3 71.1 106.7
206 22.0 28.8 43.2#





#85
Benzo(a)anthracene
Concen: 46.422 ng/ul
RT: 21.333 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

Instrument :
BNA_P
ClientSampleId :
X3A82



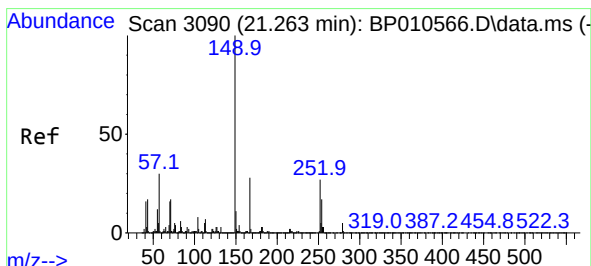
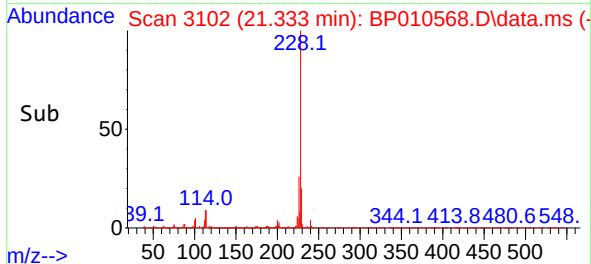
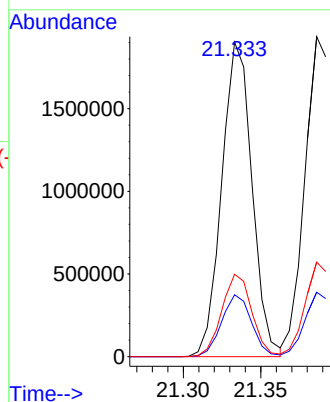
Tgt Ion:228 Resp: 2582100
Ion Ratio Lower Upper
228 100
229 19.7 18.2 27.2
226 26.2 22.8 34.2

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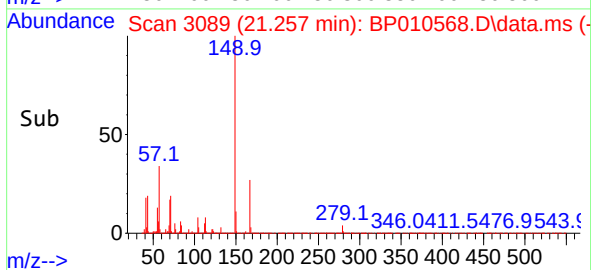
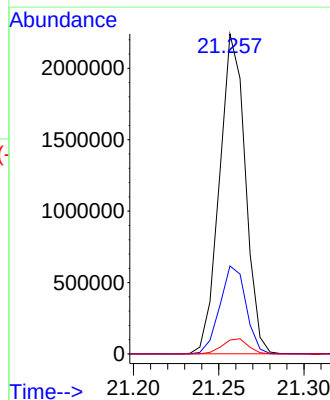
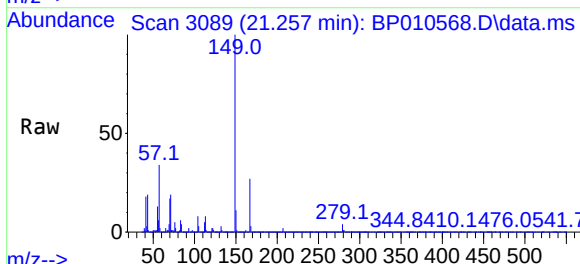
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Supervised By :mohammad
ahmed

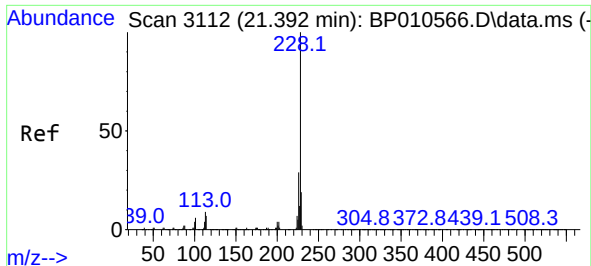
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#86
Bis(2-ethylhexyl)phthalate
Concen: 70.204 ng/ul
RT: 21.257 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

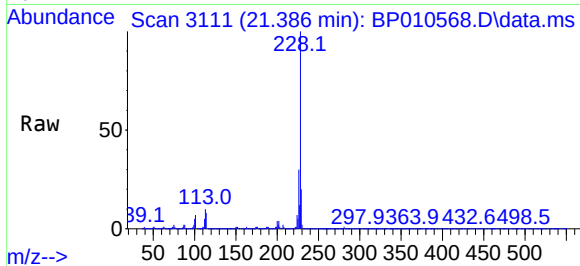
Tgt Ion:149 Resp: 2359922
Ion Ratio Lower Upper
149 100
167 27.5 32.8 49.2#
279 4.3 5.6 8.4#





#87
Chrysene
Concen: 46.540 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

Instrument :
BNA_P
ClientSampleId :
X3A82



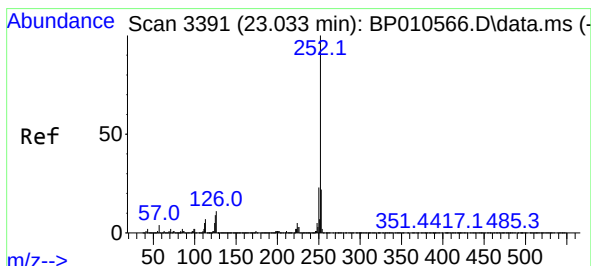
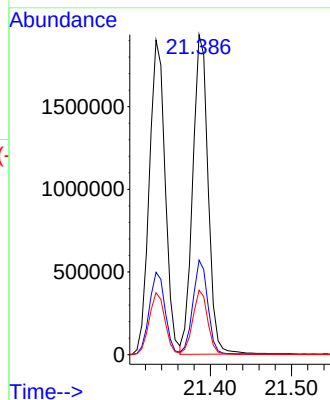
Tgt Ion:228 Resp: 2546339
Ion Ratio Lower Upper
228 100
226 29.6 22.7 34.1
229 20.1 15.2 22.8

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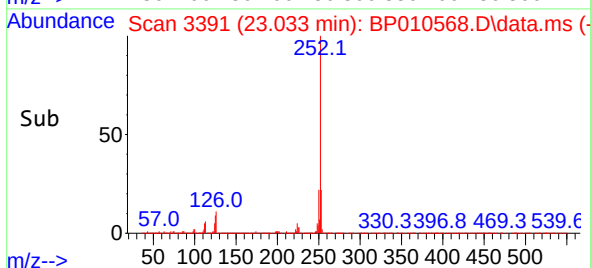
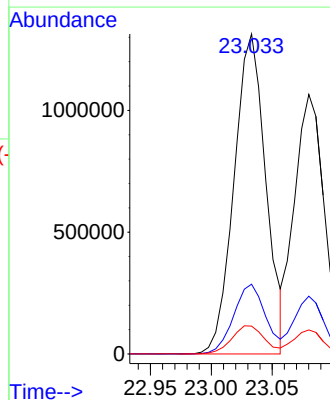
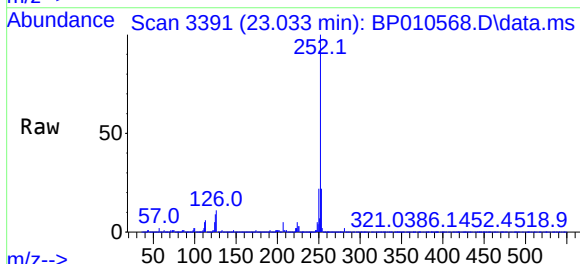
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ahmed

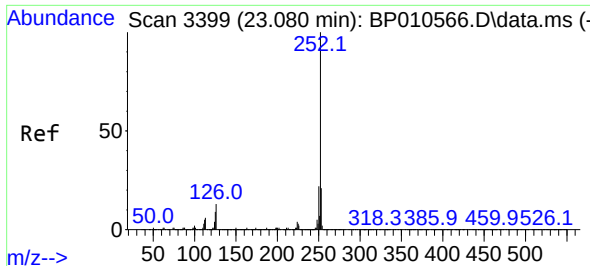
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#90
Benzo(b)fluoranthene
Concen: 47.193 ng/ul
RT: 23.033 min Scan# 3391
Delta R.T. -0.000 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

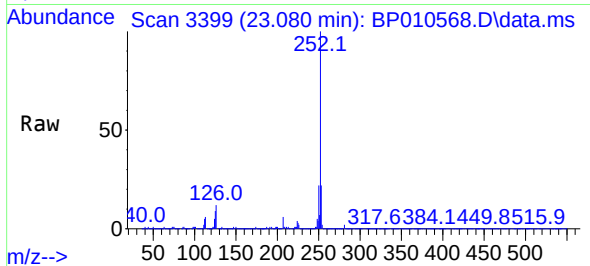
Tgt Ion:252 Resp: 2380473
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.7 7.3 10.9





#91
Benzo(k)fluoranthene
Concen: 38.176 ng/u1
RT: 23.080 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

Instrument :
BNA_P
ClientSampleId :
X3A82



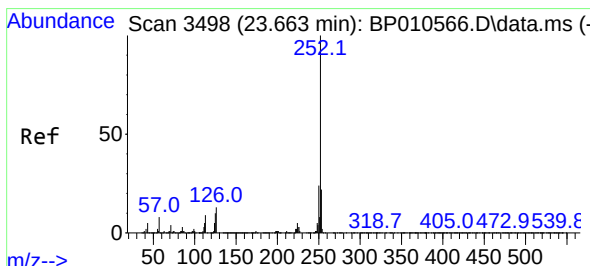
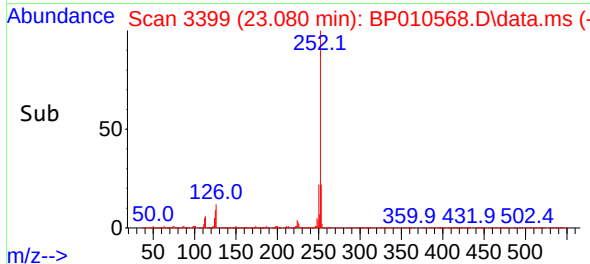
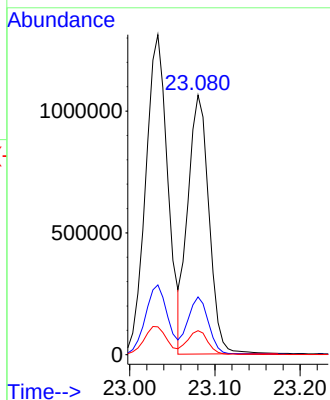
Tgt Ion:252 Resp: 183014
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.3 5.1 7.7

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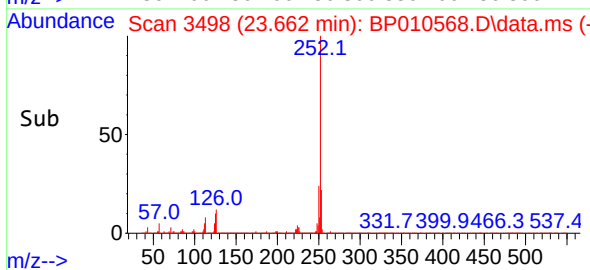
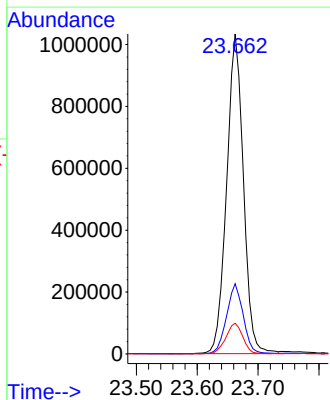
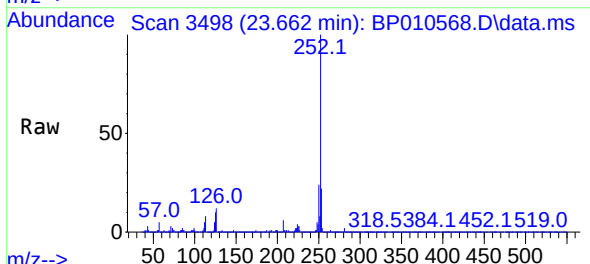
05/27/2022
Supervised By :mohammad
ahmed

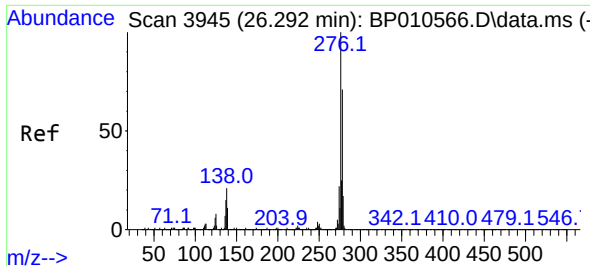
05/31/2022



#93
Benzo(a)pyrene
Concen: 42.261 ng/u1
RT: 23.662 min Scan# 3498
Delta R.T. -0.006 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

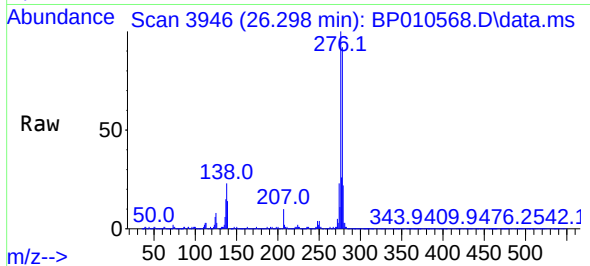
Tgt Ion:252 Resp: 1980540
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.6 6.4 9.6





#94
Indeno(1,2,3-cd)pyrene
Concen: 58.921 ng/ul
RT: 26.298 min Scan# 3945
Delta R.T. 0.006 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

Instrument :
BNA_P
ClientSampleId :
X3A82



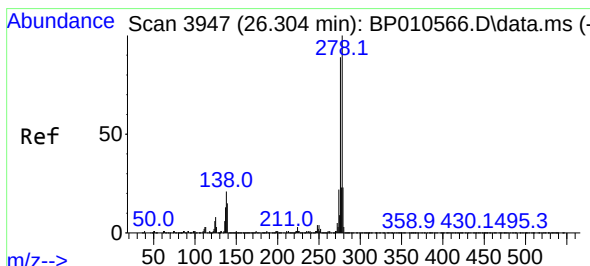
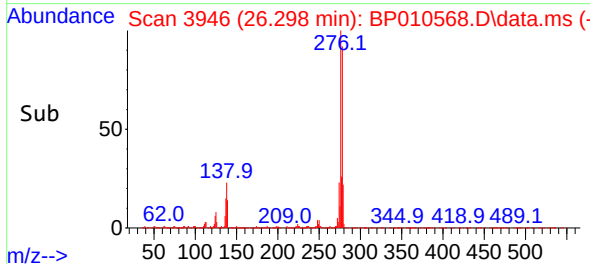
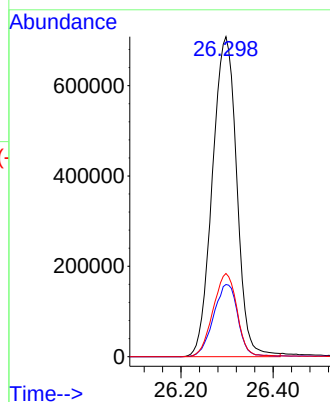
Tgt Ion:276 Resp: 259774
Ion Ratio Lower Upper
276 100
138 22.6 12.3 18.5
277 26.0 19.3 28.9

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#95
Dibenzo(a,h)anthracene
Concen: 63.079 ng/ul
RT: 26.309 min Scan# 3948
Delta R.T. -0.000 min
Lab File: BP010568.D
Acq: 26 May 2022 16:11

Tgt Ion:278 Resp: 2413130
Ion Ratio Lower Upper
278 100
139 13.8 6.6 10.0#
279 23.4 18.4 27.6

