

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141400.D
 Acq On : 04 Feb 2025 11:35
 Operator : RC/JU
 Sample : PB166483BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166483BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Feb 04 12:52:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							02/05/2025
1) 1,4-Dichlorobenzene-d4	6.787	152	76563	20.000	ng	-0.02	Supervised By :mohammad anned
21) Naphthalene-d8	8.075	136	300075	20.000	ng	-0.01	
39) Acenaphthene-d10	9.828	164	160616	20.000	ng	-0.01	
64) Phenanthrene-d10	11.316	188	270383	20.000	ng	-0.01	
76) Chrysene-d12	13.963	240	215739	20.000	ng	-0.01	
86) Perylene-d12	15.415	264	184626	20.000	ng	-0.02	02/05/2025
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	725062	145.386	ng	0.00	
7) Phenol-d6	6.434	99	864984	136.340	ng	0.00	
23) Nitrobenzene-d5	7.357	82	571426	100.387	ng	-0.01	
42) 2,4,6-Tribromophenol	10.622	330	235403	159.869	ng	-0.01	
45) 2-Fluorobiphenyl	9.151	172	1048310	100.460	ng	-0.01	
79) Terphenyl-d14	12.910	244	1283922	91.780	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	92151	42.014	ng		97
3) Pyridine	3.257	79	207759	39.314	ng		97
4) n-Nitrosodimethylamine	3.199	42	144832	47.975	ng		91
6) Aniline	6.451	93	227171	42.301	ng	#	23
8) 2-Chlorophenol	6.581	128	250036	46.776	ng		96
9) Benzaldehyde	6.339	77	183018	49.803	ng		99
10) Phenol	6.445	94	294895	43.849	ng	#	66
11) bis(2-Chloroethyl)ether	6.528	93	230207	44.643	ng		97
12) 1,3-Dichlorobenzene	6.728	146	259221	43.982	ng		99
13) 1,4-Dichlorobenzene	6.804	146	264519	44.675	ng		99
14) 1,2-Dichlorobenzene	6.957	146	252196	45.488	ng		100
15) Benzyl Alcohol	6.934	79	214928	49.572	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	385864	43.032	ng		83
17) 2-Methylphenol	7.057	107	189327	43.580	ng	#	89
18) Hexachloroethane	7.304	117	98203	44.959	ng		95
19) n-Nitroso-di-n-propyla...	7.204	70	169876	45.062	ng		100
20) 3+4-Methylphenols	7.204	107	247410	46.382	ng	#	89
22) Acetophenone	7.198	105	377957	52.989	ng	#	97
24) Nitrobenzene	7.375	77	258189	43.769	ng		99
25) Isophorone	7.610	82	451737	45.910	ng		98
26) 2-Nitrophenol	7.686	139	127221	45.730	ng		93
27) 2,4-Dimethylphenol	7.734	122	200215m	56.541	ng		
28) bis(2-Chloroethoxy)met...	7.822	93	276699	44.086	ng		99
29) 2,4-Dichlorophenol	7.939	162	200490	46.249	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	217627	43.959	ng		99
31) Naphthalene	8.092	128	705472	44.503	ng		100
32) Benzoic acid	7.851	122	164765	50.616	ng		98
33) 4-Chloroaniline	8.145	127	127904	23.794	ng		99
34) Hexachlorobutadiene	8.210	225	135320	46.609	ng		98
35) Caprolactam	8.504	113	71008m	50.155	ng		
36) 4-Chloro-3-methylphenol	8.639	107	221277	47.587	ng		96
37) 2-Methylnaphthalene	8.786	142	444828	44.150	ng		99
38) 1-Methylnaphthalene	8.886	142	435401	43.993	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	238396	52.173	ng		98
41) Hexachlorocyclopentadiene	8.939	237	283535	210.110	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	142131	47.523	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	148982	45.768	ng	98
46) 1,1'-Biphenyl	9.251	154	636137	50.785	ng	99
47) 2-Chloronaphthalene	9.275	162	431150	44.160	ng	99
48) 2-Nitroaniline	9.375	65	143083	46.592	ng	98
49) Acenaphthylene	9.692	152	666641	48.777	ng	100
50) Dimethylphthalate	9.557	163	508293	46.856	ng	100
51) 2,6-Dinitrotoluene	9.616	165	112877	44.814	ng	100
52) Acenaphthene	9.863	154	506621m	51.888	ng	02/05/2025
53) 3-Nitroaniline	9.780	138	64615	26.174	ng	94
54) 2,4-Dinitrophenol	9.892	184	132431	113.106	ng	92
55) Dibenzofuran	10.033	168	601125	45.995	ng	97
56) 4-Nitrophenol	9.963	139	197015	109.124	ng	90
57) 2,4-Dinitrotoluene	10.022	165	154912	47.503	ng	94
58) Fluorene	10.380	166	476249	46.978	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	128489	50.174	ng	97
60) Diethylphthalate	10.257	149	487531	46.351	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	230145	46.476	ng	100
62) 4-Nitroaniline	10.398	138	115317	47.513	ng	91
63) Azobenzene	10.533	77	473493	44.972	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	86904	54.338	ng	97
66) n-Nitrosodiphenylamine	10.492	169	414100	47.352	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	139830	46.194	ng	99
68) Hexachlorobenzene	10.927	284	150872	46.987	ng	99
69) Atrazine	11.022	200	162293	55.505	ng	99
70) Pentachlorophenol	11.127	266	199886	106.308	ng	99
71) Phenanthrene	11.339	178	730767	50.279	ng	100
72) Anthracene	11.392	178	740887	52.025	ng	100
73) Carbazole	11.551	167	665737	52.720	ng	100
74) Di-n-butylphthalate	11.880	149	782788	51.151	ng	100
75) Fluoranthene	12.533	202	786408	54.799	ng	98
77) Benzidine	12.657	184	367247	53.099	ng	99
78) Pyrene	12.763	202	807615	38.998	ng	100
80) Butylbenzylphthalate	13.386	149	332305	45.931	ng	98
81) Benzo(a)anthracene	13.951	228	668353	44.894	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	111961	23.646	ng	99
83) Chrysene	13.986	228	643939	47.197	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	437769	47.699	ng	99
85) Di-n-octyl phthalate	14.562	149	714116	50.097	ng	99
87) Indeno(1,2,3-cd)pyrene	16.862	276	561438	47.115	ng	96
88) Benzo(b)fluoranthene	14.998	252	563297	48.504	ng	99
89) Benzo(k)fluoranthene	15.027	252	545792	53.051	ng	99
90) Benzo(a)pyrene	15.357	252	506470	51.607	ng	98
91) Dibenzo(a,h)anthracene	16.880	278	451705	47.116	ng	97
92) Benzo(g,h,i)perylene	17.298	276	435645	43.702	ng	95

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

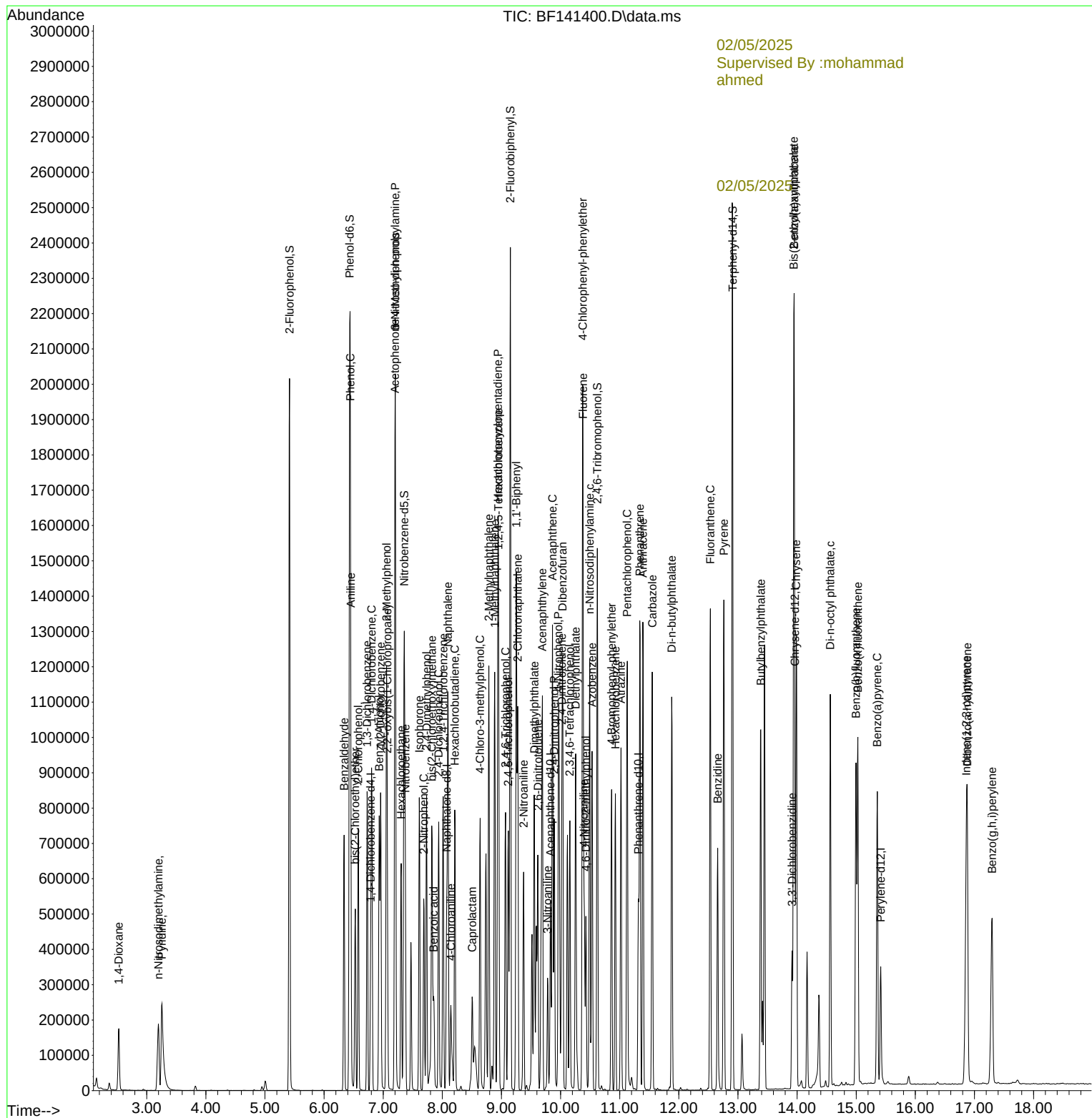
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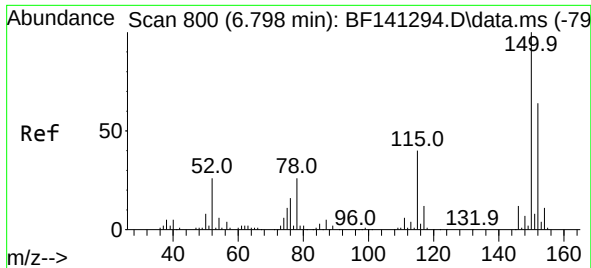
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

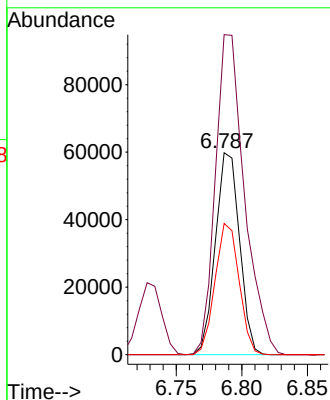
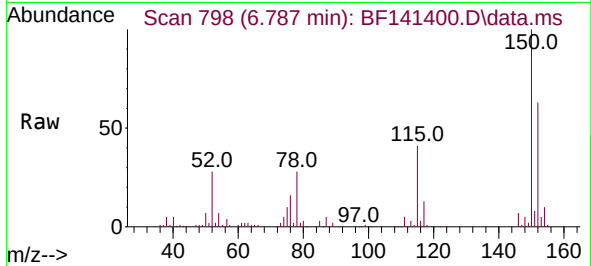
ClientSampleId :

PB166483BS

Tgt Ion:152 Resp: 7656
Ion Ratio Lower Upper
152 100
150 158.5 125.9 188.9
115 65.0 49.7 74.5

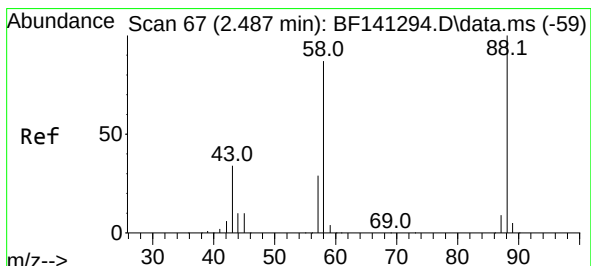
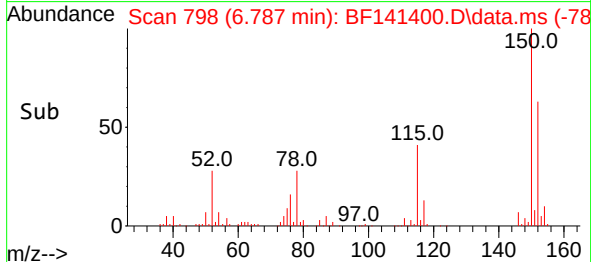
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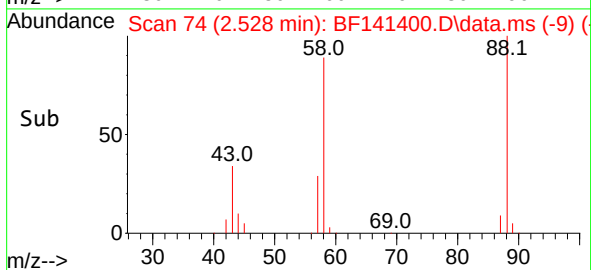
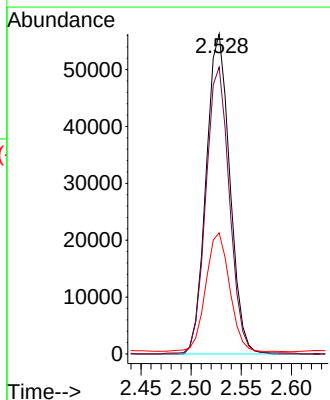
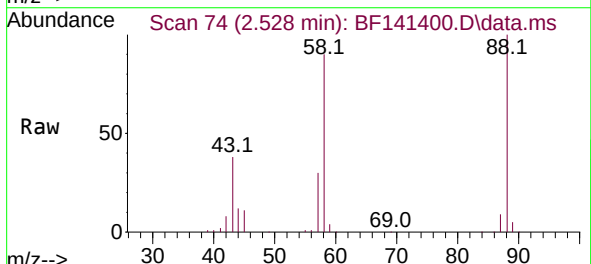
02/05/2025
Supervised By :mohammad
ahmed

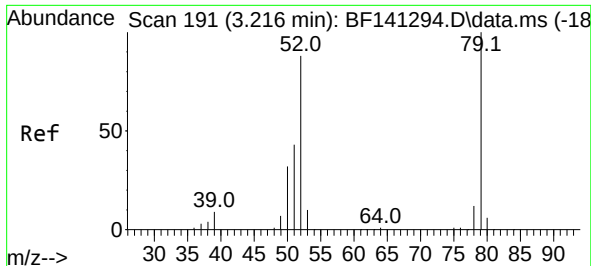
02/05/2025



#2
1,4-Dioxane
Concen: 42.014 ng
RT: 2.528 min Scan# 74
Delta R.T. 0.035 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

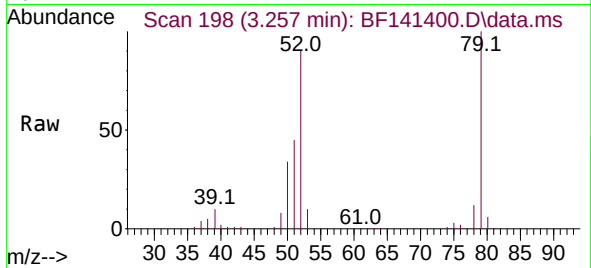
Tgt Ion: 88 Resp: 92151
Ion Ratio Lower Upper
88 100
58 90.0 70.2 105.4
43 37.8 27.6 41.4





#3
Pyridine
Concen: 39.314 ng
RT: 3.257 min Scan# 191
Delta R.T. 0.029 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

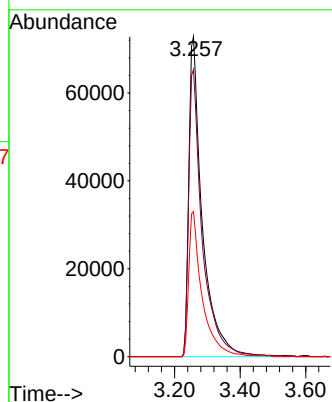
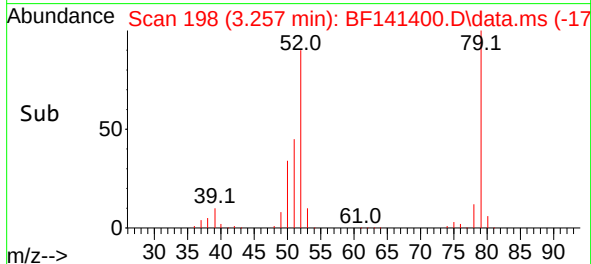
Instrument :
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ClientSampleId :
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Tgt Ion: 79 Resp: 20775
Ion Ratio Lower Upper
79 100
52 89.8 70.3 105.5
51 45.4 34.3 51.5

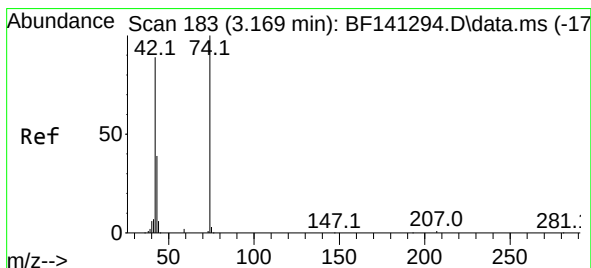
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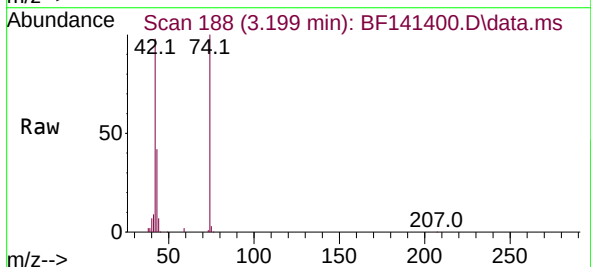


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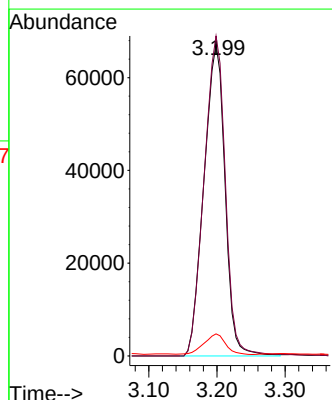
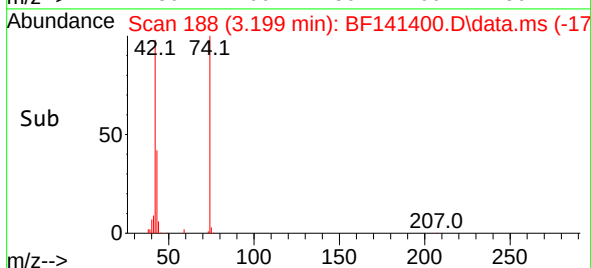
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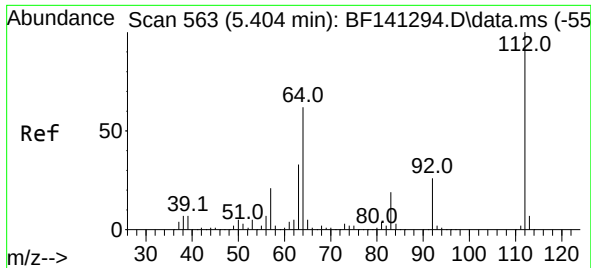


#4
n-Nitrosodimethylamine
Concen: 47.975 ng
RT: 3.199 min Scan# 188
Delta R.T. -0.000 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35



Tgt Ion: 42 Resp: 144832
Ion Ratio Lower Upper
42 100
74 102.6 90.3 135.5
44 7.1 5.7 8.5





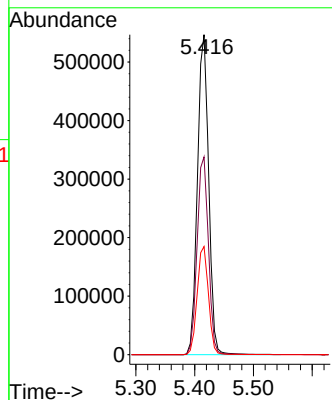
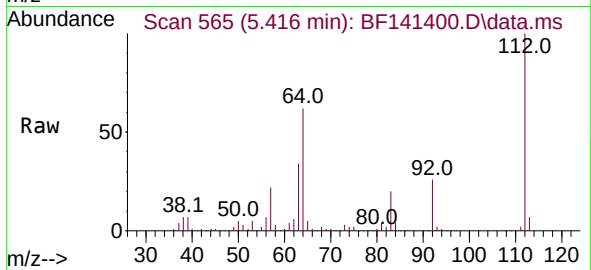
#5
2-Fluorophenol
Concen: 145.386 ng
RT: 5.416 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :
BNA_F
ClientSampleId :
PB166483BS

Tgt Ion:112 Resp: 725062
Ion Ratio Lower Upper
112 100
64 61.8 49.8 74.8
63 33.8 26.1 39.1

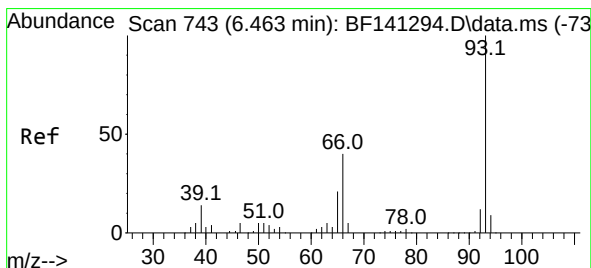
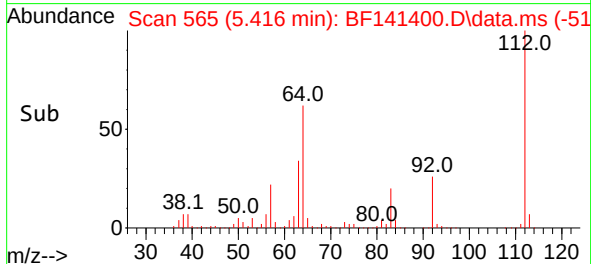
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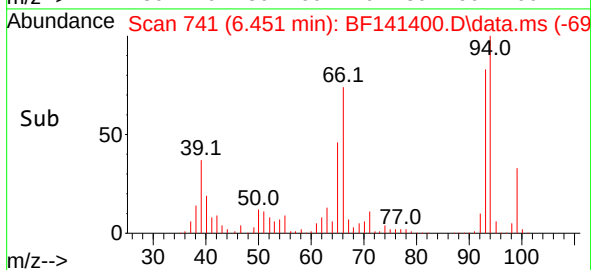
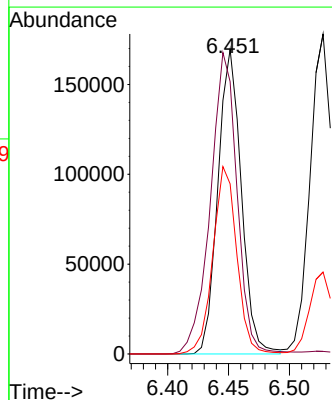
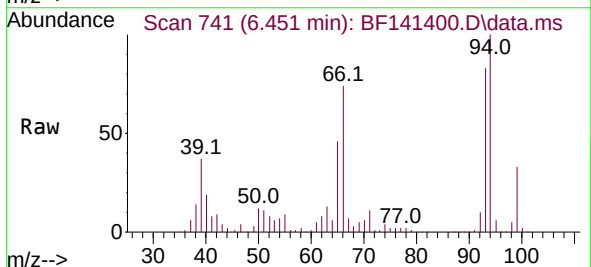
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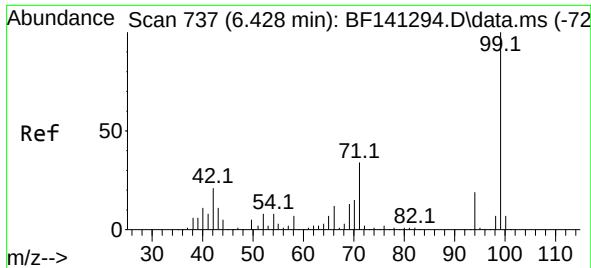
02/05/2025



#6
Aniline
Concen: 42.301 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion: 93 Resp: 227171
Ion Ratio Lower Upper
93 100
66 89.4 32.5 48.7#
65 55.8 17.0 25.6#





#7

Phenol-d6

Concen: 136.340 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

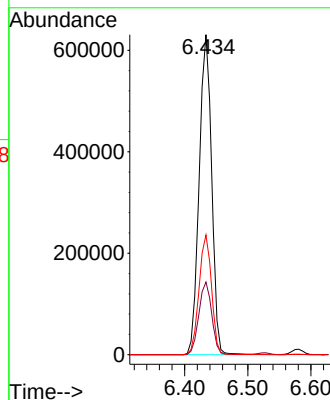
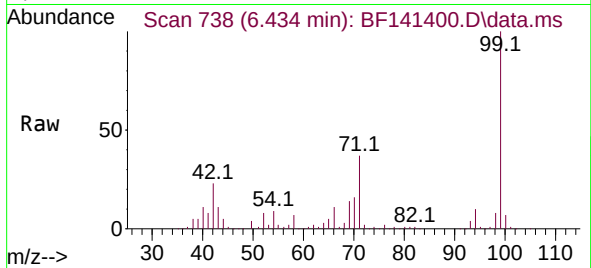
PB166483BS

Tgt Ion: 99 Resp: 864984

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.1	25.7
71	37.4	26.9	40.3

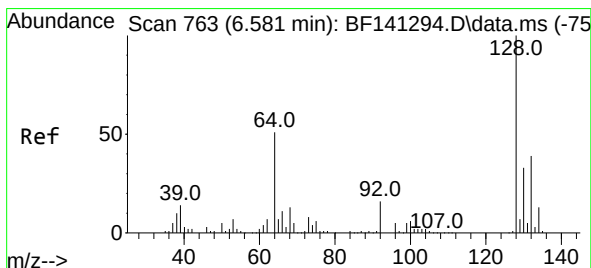
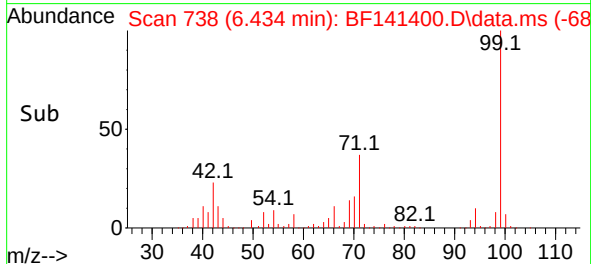
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#8

2-Chlorophenol

Concen: 46.776 ng

RT: 6.581 min Scan# 763

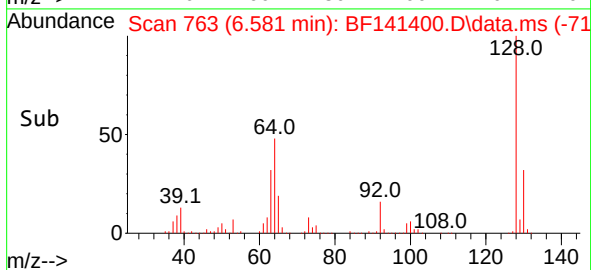
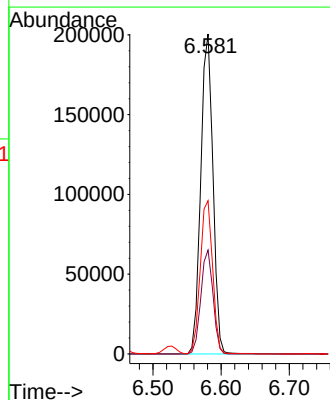
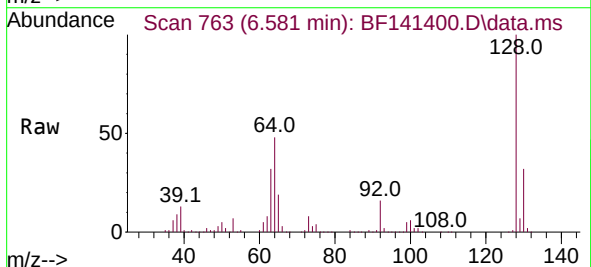
Delta R.T. -0.012 min

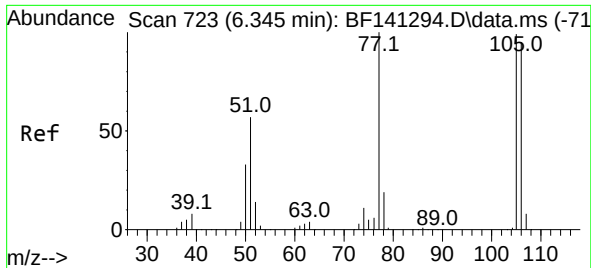
Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Tgt Ion:128 Resp: 250036

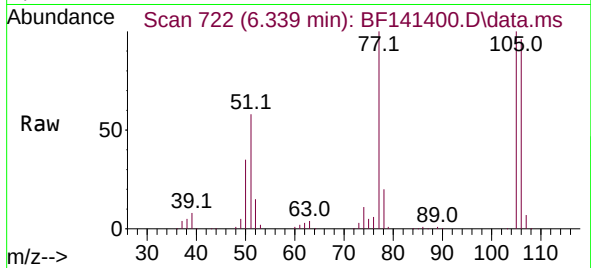
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.5	52.5
64	47.9	32.9	72.9





#9
Benzaldehyde
Concen: 49.803 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.012 min
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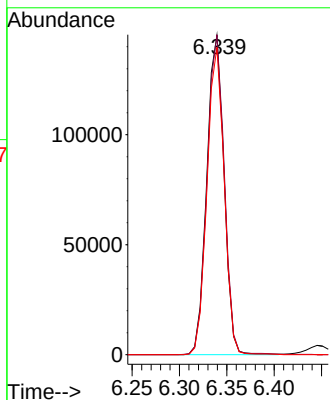
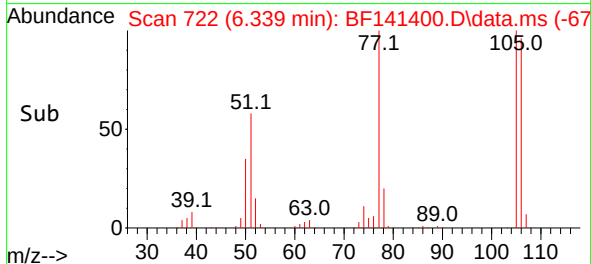
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Tgt Ion: 77 Resp: 183018
Ion Ratio Lower Upper
77 100
105 100.3 79.4 119.4
106 96.3 74.6 114.6

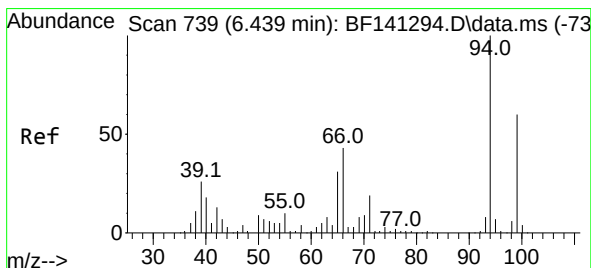
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Reviewed By :Yogesh
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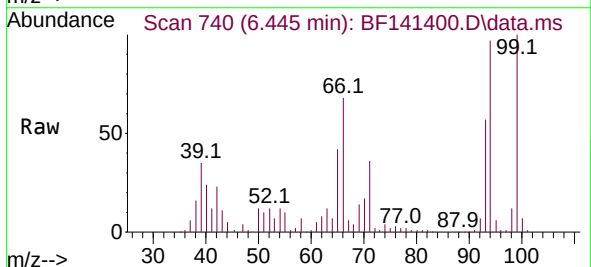


02/05/2025
Supervised By :mohammad
ahmed

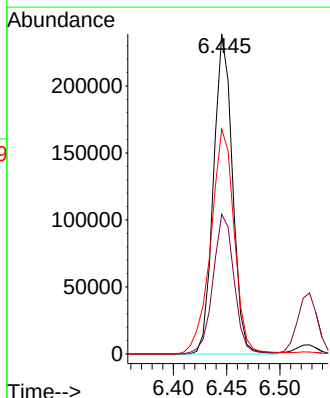
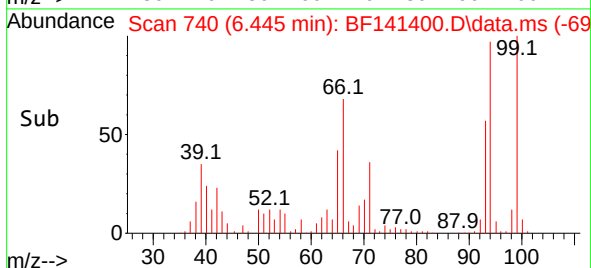
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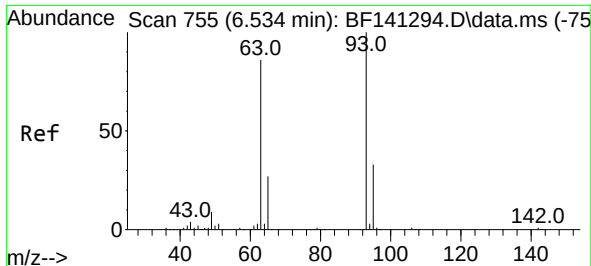


#10
Phenol
Concen: 43.849 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35



Tgt Ion: 94 Resp: 294895
Ion Ratio Lower Upper
94 100
65 43.7 10.8 50.8
66 70.3 23.3 63.3#





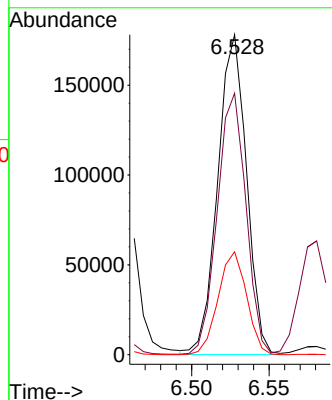
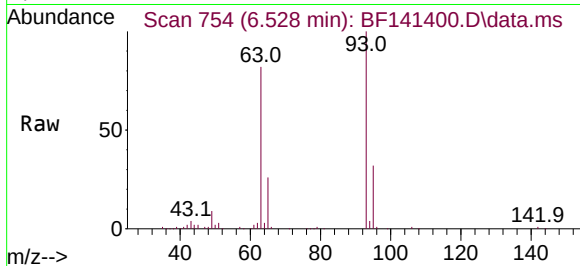
#11
bis(2-Chloroethyl)ether
Concen: 44.643 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :
BNA_F
ClientSampleId :
PB166483BS

Tgt Ion: 93 Resp: 23020
Ion Ratio Lower Upper
93 100
63 81.7 65.0 105.0
95 32.2 12.4 52.4

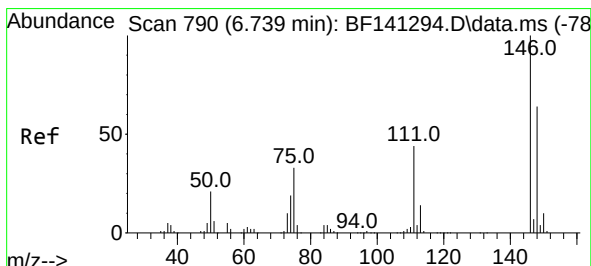
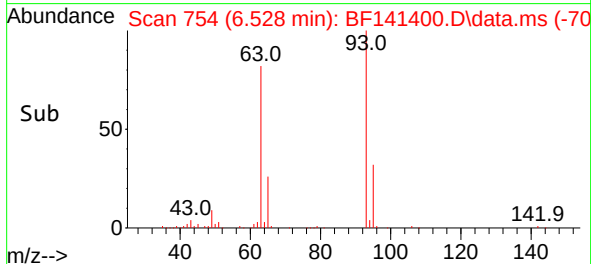
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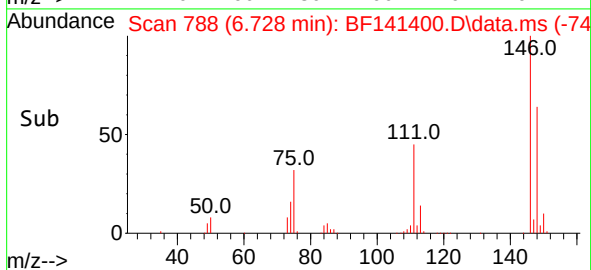
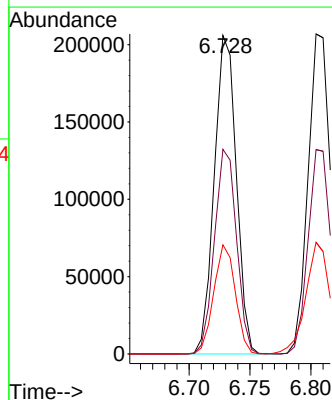
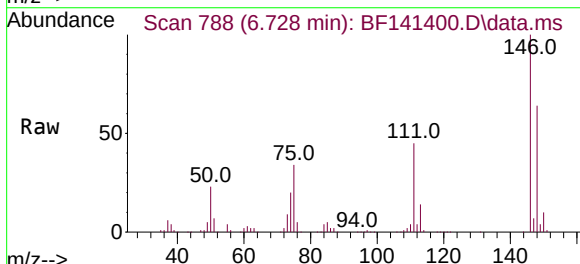
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Supervised By :mohammad
ahmed

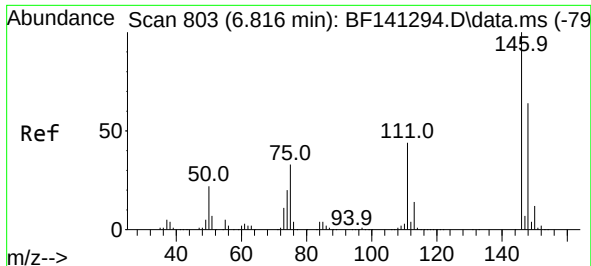
02/05/2025



#12
1,3-Dichlorobenzene
Concen: 43.982 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:146 Resp: 259221
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 34.3 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 44.675 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

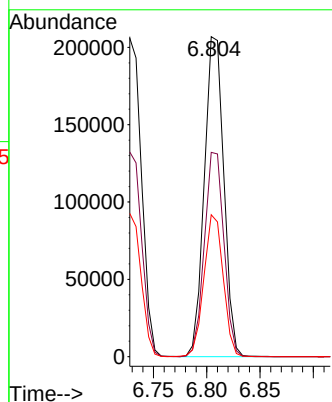
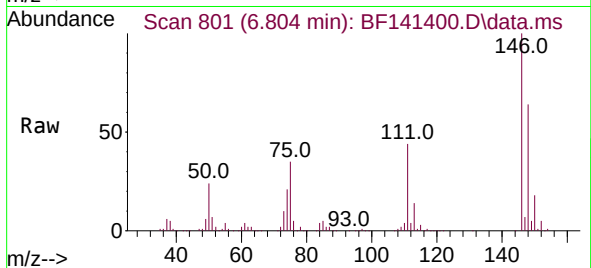
ClientSampleId :

PB166483BS

Tgt Ion:146 Resp: 264519
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 44.4 35.0 52.4

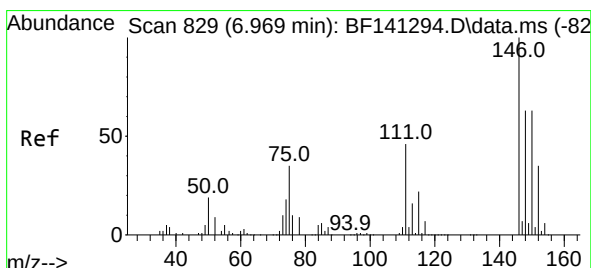
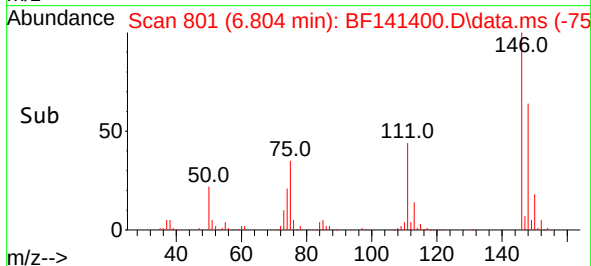
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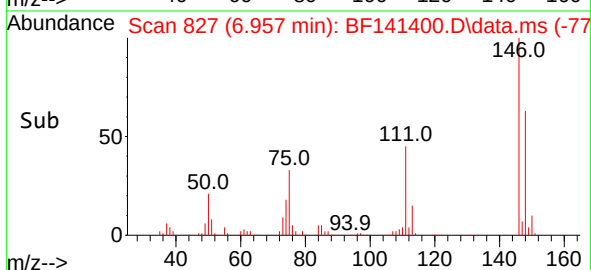
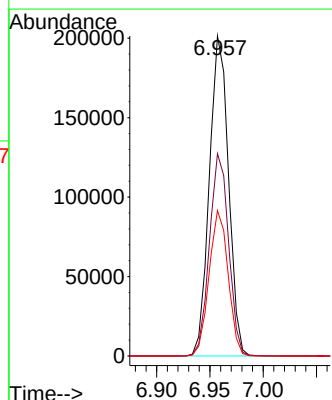
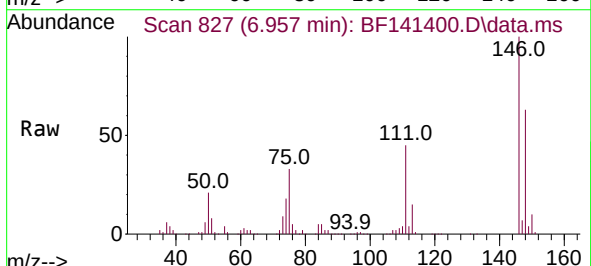
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Supervised By :mohammad
ahmed

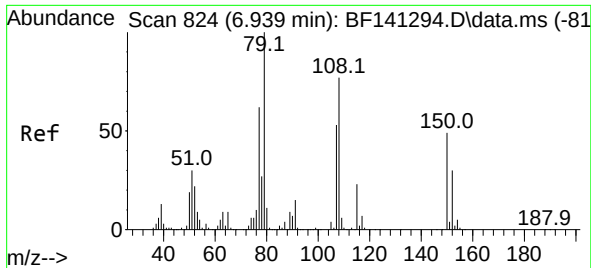
02/05/2025



#14
1,2-Dichlorobenzene
Concen: 45.488 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:146 Resp: 252196
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
111 45.4 36.6 55.0





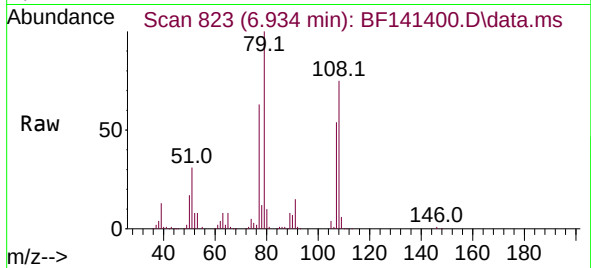
#15
Benzyl Alcohol
Concen: 49.572 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

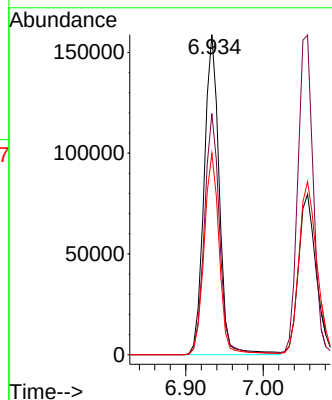
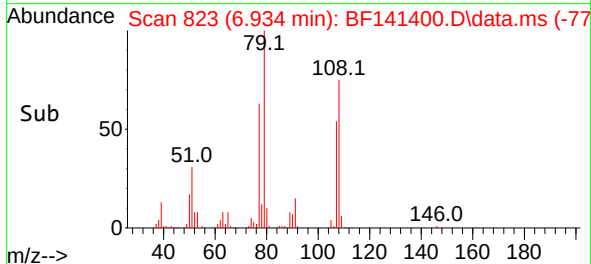
PB166483BS



Tgt Ion: 79 Resp: 214928
Ion Ratio Lower Upper
79 100
108 75.4 61.4 92.0
77 62.9 49.9 74.9

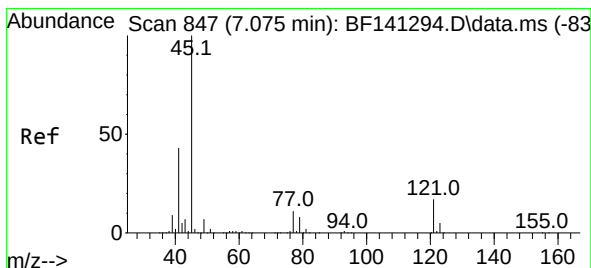
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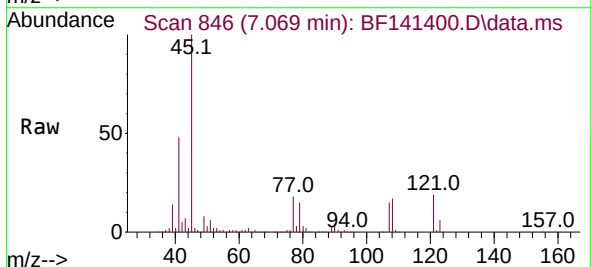


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Supervised By :mohammad
ahmed

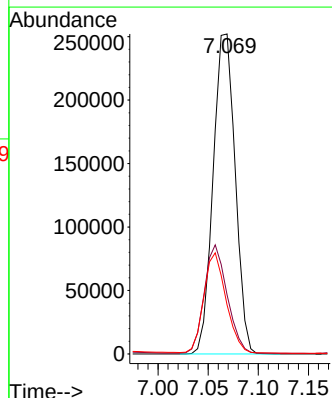
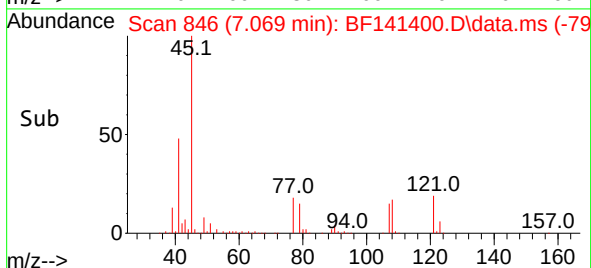
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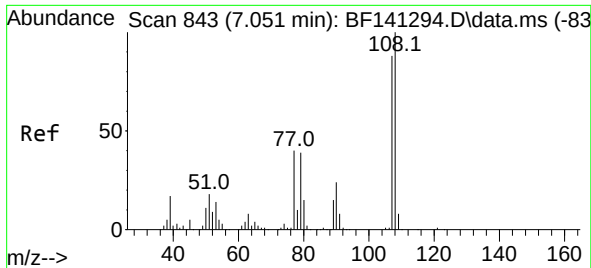


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.032 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35



Tgt Ion: 45 Resp: 385864
Ion Ratio Lower Upper
45 100
77 18.5 0.0 31.8
79 15.3 0.0 29.1





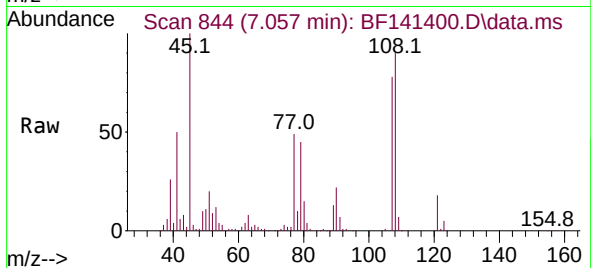
#17
2-Methylphenol
Concen: 43.580 ng
RT: 7.057 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

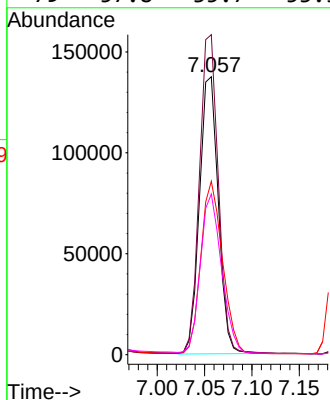
PB166483BS



Tgt Ion:107 Resp: 18932
Ion Ratio Lower Upper
107 100
108 115.2 90.8 136.2
77 62.4 36.2 54.4
79 57.8 35.7 53.5#

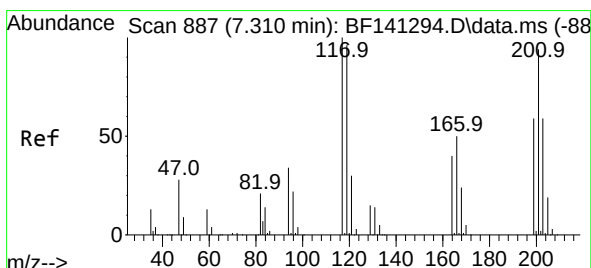
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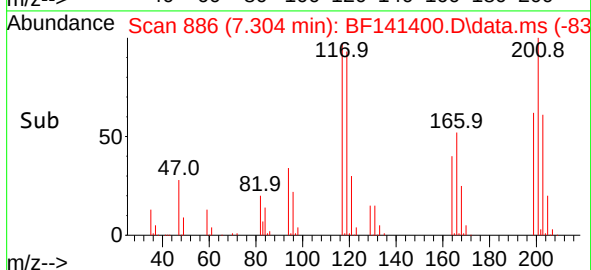
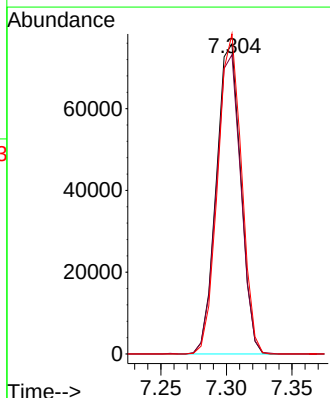
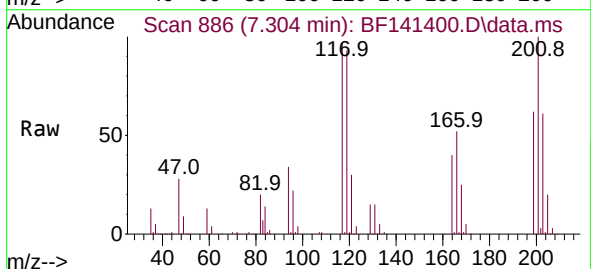
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ahmed

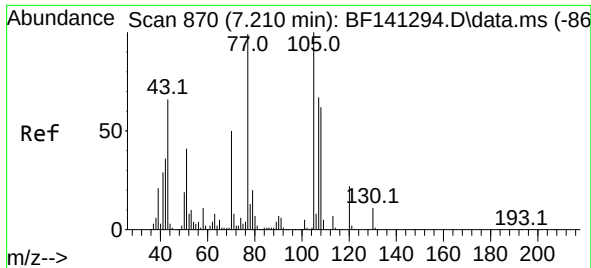
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#18
Hexachloroethane
Concen: 44.959 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:117 Resp: 98203
Ion Ratio Lower Upper
117 100
119 96.5 76.6 114.8
201 103.2 74.8 112.2





#19
n-Nitroso-di-n-propylamine
Concen: 45.062 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.024 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

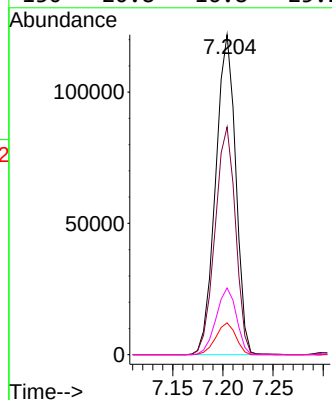
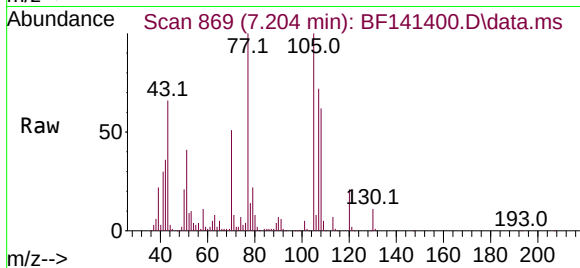
ClientSampleId :

PB166483BS

Tgt Ion: 70 Resp: 169870
Ion Ratio Lower Upper
70 100
42 71.1 56.8 85.2
101 10.0 7.7 11.5
130 20.8 16.8 25.2

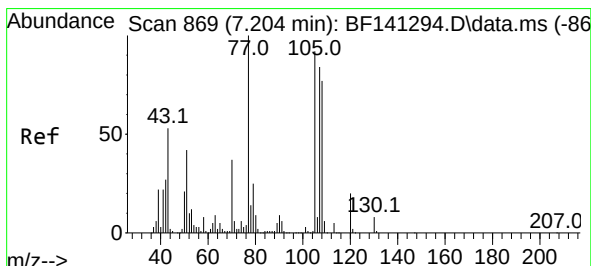
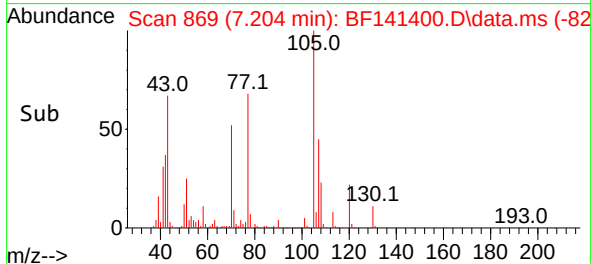
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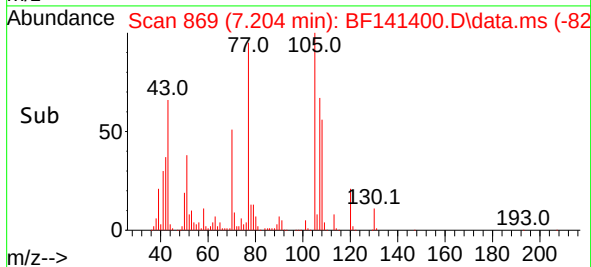
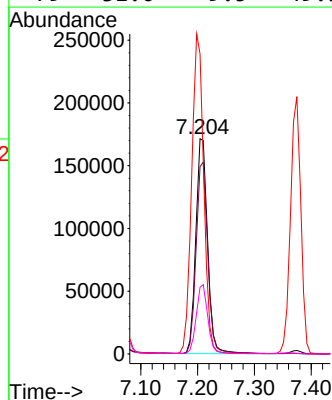
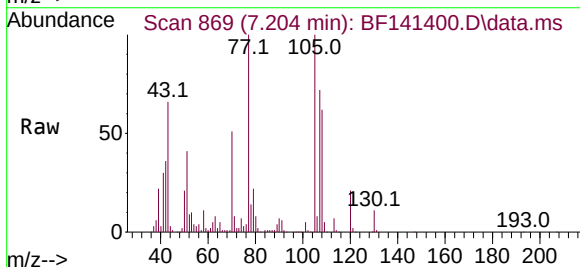
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ahmed

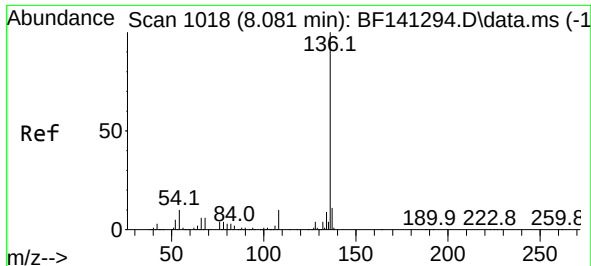
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#20
3+4-Methylphenols
Concen: 46.382 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

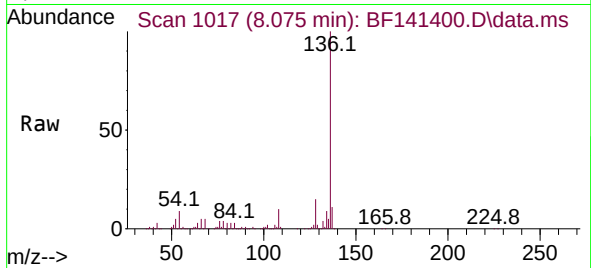
Tgt Ion:107 Resp: 247410
Ion Ratio Lower Upper
107 100
108 87.0 70.9 110.9
77 139.4 98.5 138.5#
79 31.0 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

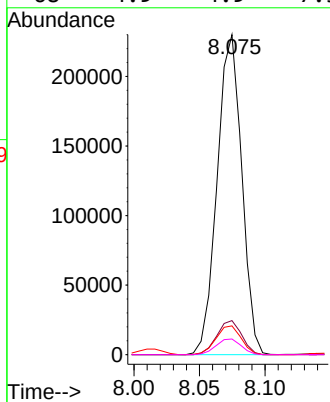
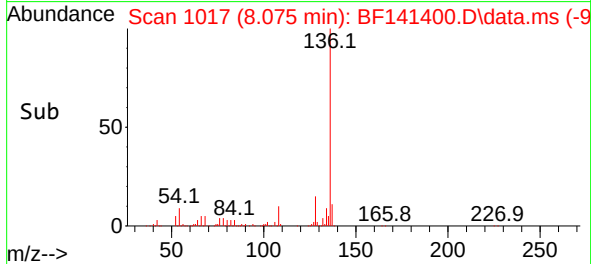
Instrument :
BNA_F
ClientSampleId :
PB166483BS



Tgt Ion:136 Resp: 300075
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.0 7.8 11.8
68 4.9 4.9 7.3

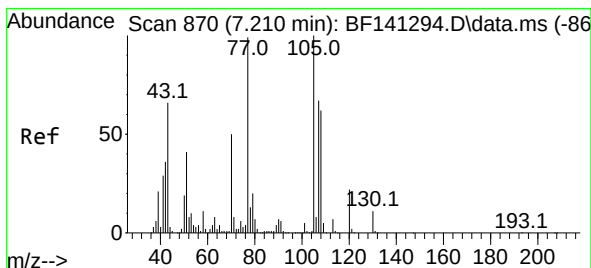
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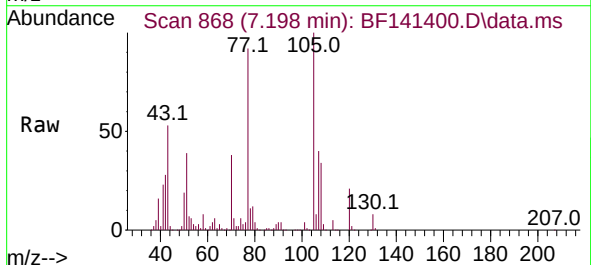


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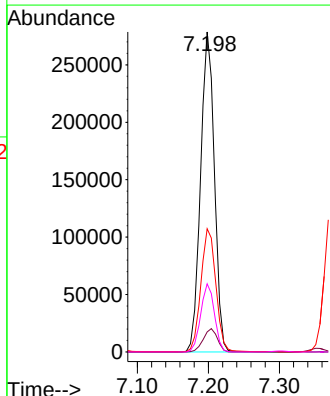
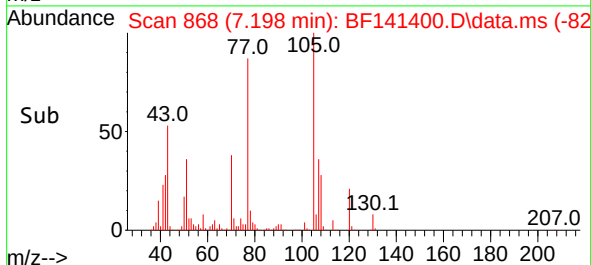
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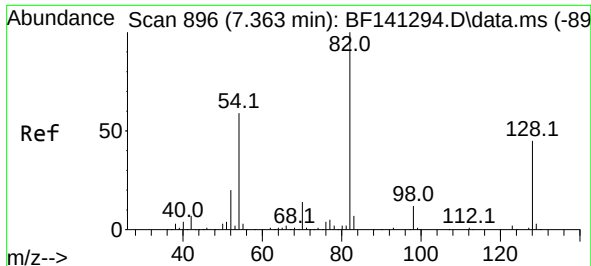


#22
Acetophenone
Concen: 52.989 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35



Tgt Ion:105 Resp: 377957
Ion Ratio Lower Upper
105 100
71 6.3 6.8 10.2#
51 38.5 32.6 49.0
120 21.3 17.4 26.0





#23

Nitrobenzene-d5

Concen: 100.387 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

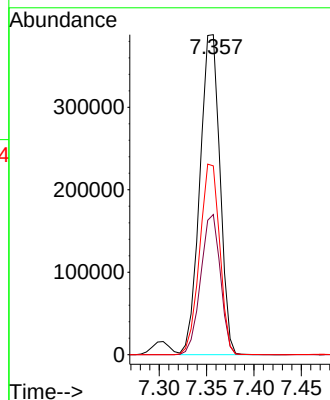
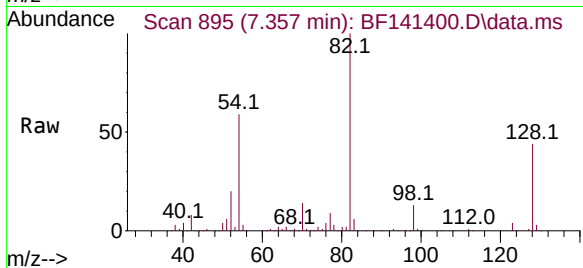
PB166483BS

Tgt Ion: 82 Resp: 571420

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.7	53.5
54	59.0	47.1	70.7

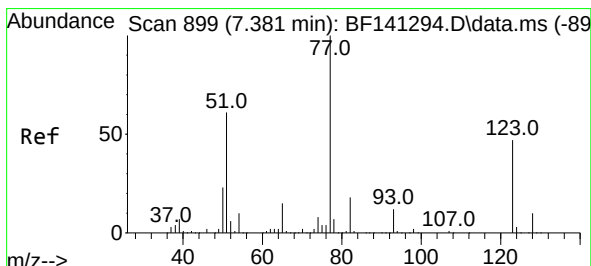
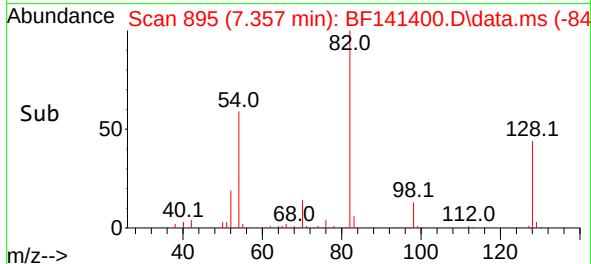
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#24

Nitrobenzene

Concen: 43.769 ng

RT: 7.375 min Scan# 898

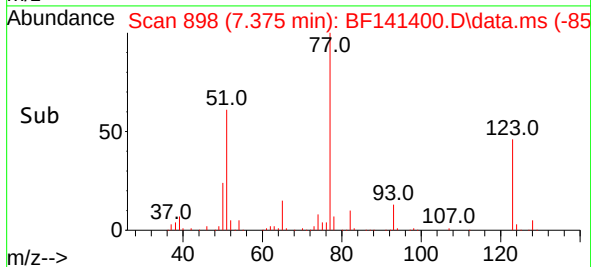
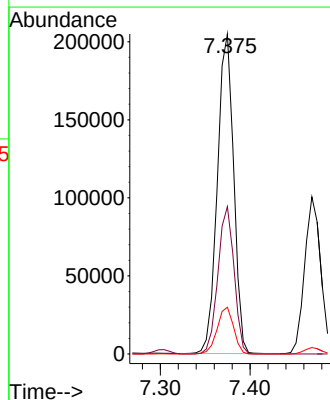
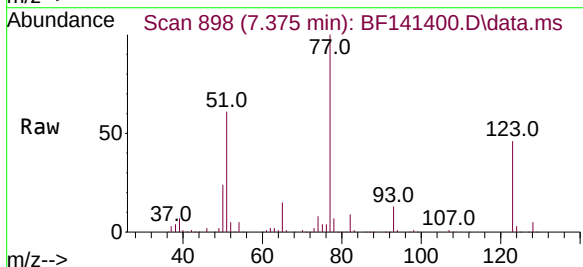
Delta R.T. -0.018 min

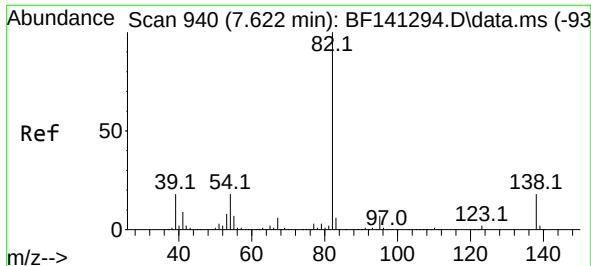
Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Tgt Ion: 77 Resp: 258189

Ion	Ratio	Lower	Upper
77	100		
123	46.1	37.3	55.9
65	14.6	11.8	17.6





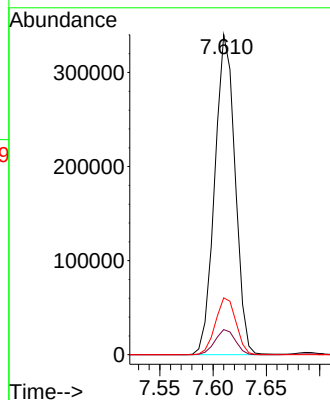
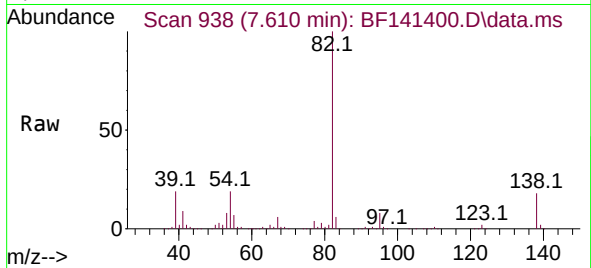
#25
Isophorone
Concen: 45.910 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :
BNA_F
ClientSampleId :
PB166483BS

Tgt Ion: 82 Resp: 45173
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 17.8 14.7 22.1

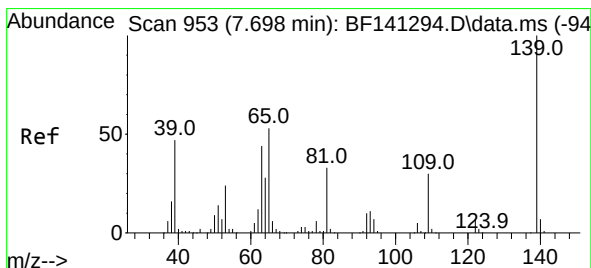
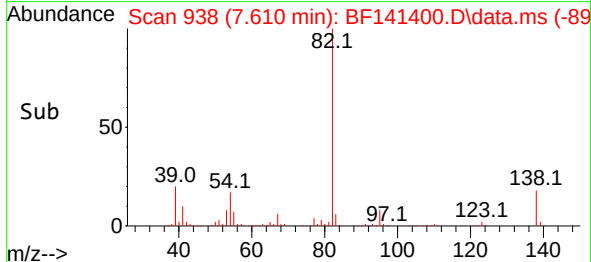
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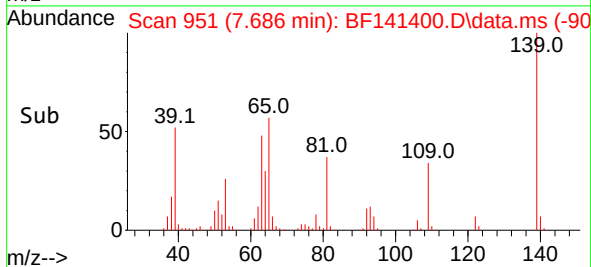
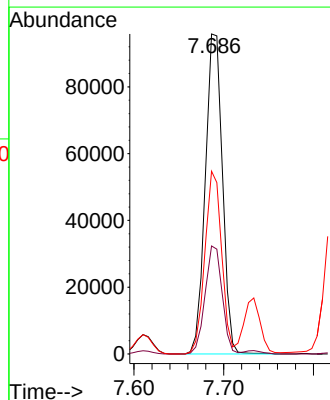
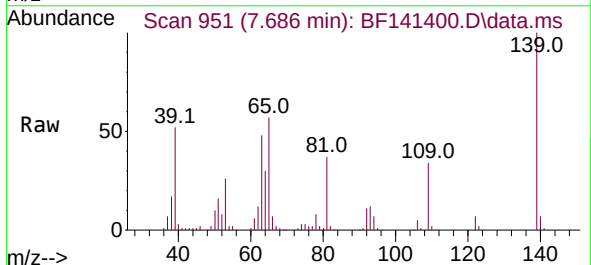
02/05/2025
Supervised By :mohammad
ahmed

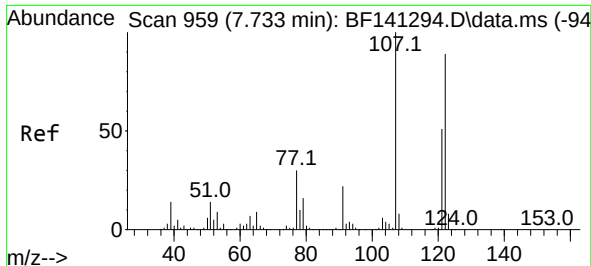
02/05/2025



#26
2-Nitrophenol
Concen: 45.730 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:139 Resp: 127221
Ion Ratio Lower Upper
139 100
109 33.8 23.8 35.6
65 57.1 42.2 63.4





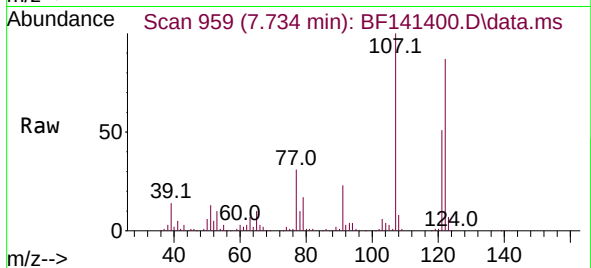
#27
2,4-Dimethylphenol
Concen: 56.541 ng m
RT: 7.734 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

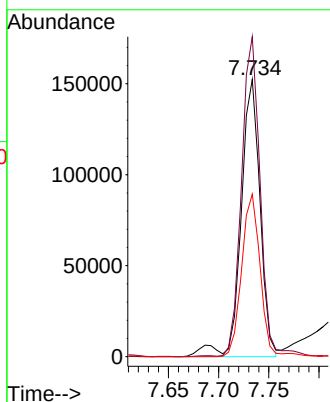
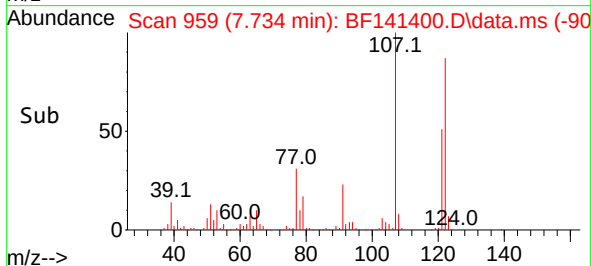
PB166483BS



Tgt Ion:122 Resp: 200215
Ion Ratio Lower Upper
122 100
107 115.4 89.9 134.9
121 58.6 46.1 69.1

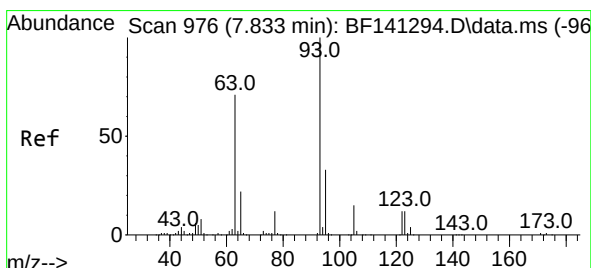
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Reviewed By :Yogesh
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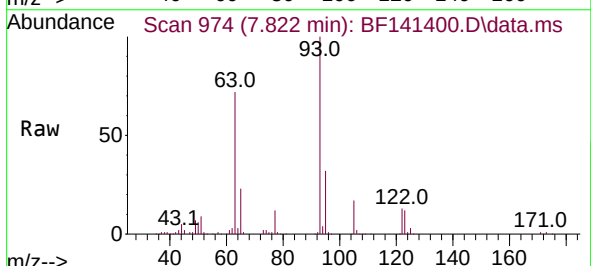


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ahmed

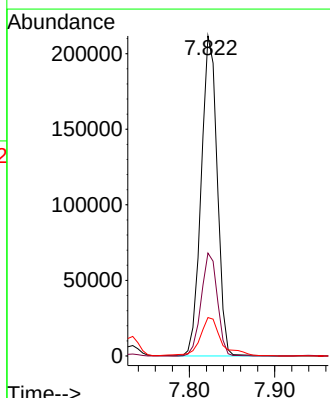
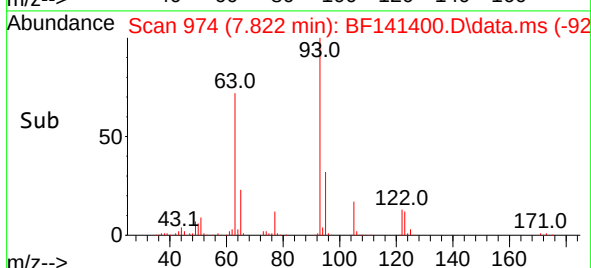
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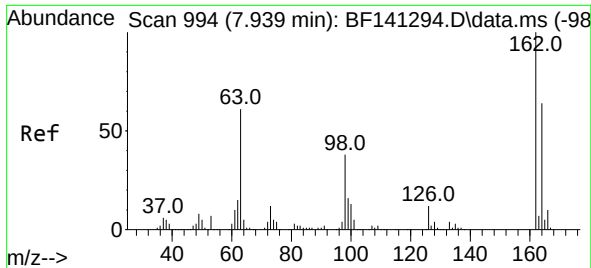


#28
bis(2-Chloroethoxy)methane
Concen: 44.086 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35



Tgt Ion: 93 Resp: 276699
Ion Ratio Lower Upper
93 100
95 32.2 26.2 39.2
123 12.0 10.2 15.4





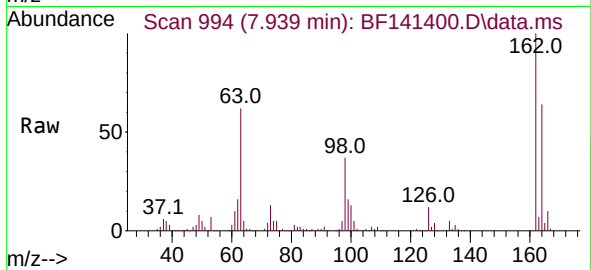
#29
2,4-Dichlorophenol
Concen: 46.249 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

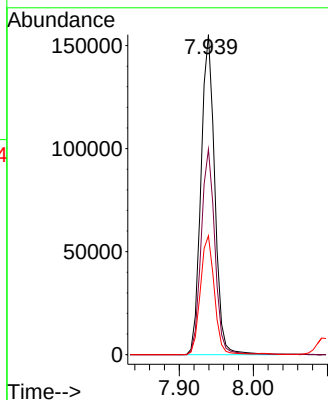
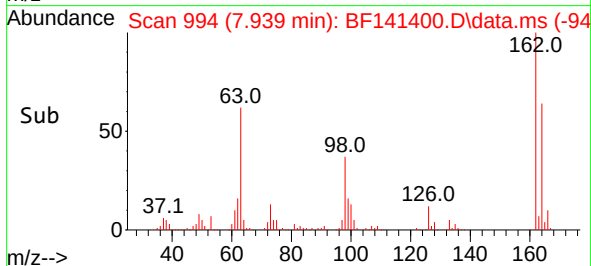
PB166483BS



Tgt Ion:162 Resp: 200490
Ion Ratio Lower Upper
162 100
164 64.2 44.2 84.2
98 37.1 18.2 58.2

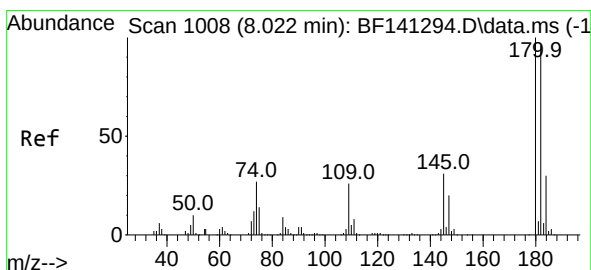
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Reviewed By :Yogesh
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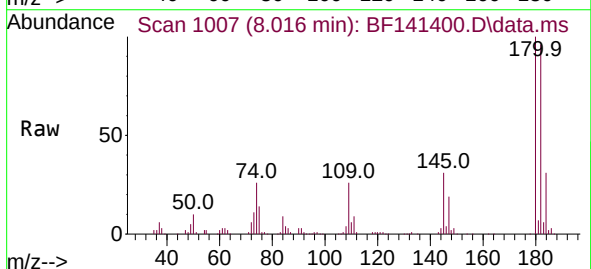


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Supervised By :mohammad
ahmed

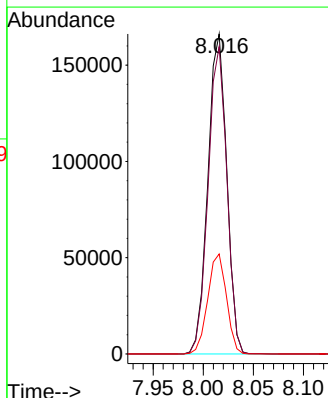
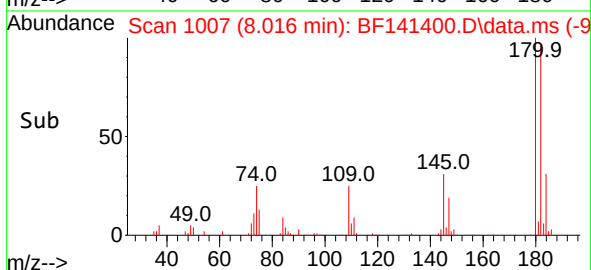
02/05/2025

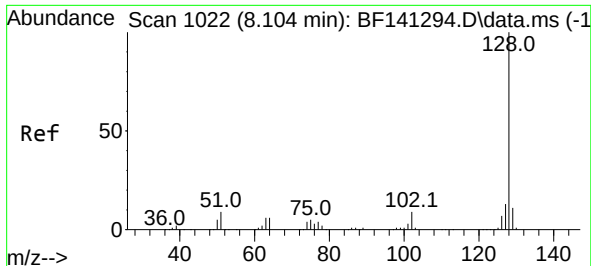


#30
1,2,4-Trichlorobenzene
Concen: 43.959 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35



Tgt Ion:180 Resp: 217627
Ion Ratio Lower Upper
180 100
182 96.1 76.4 114.6
145 31.2 24.9 37.3





#31
Naphthalene
Concen: 44.503 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

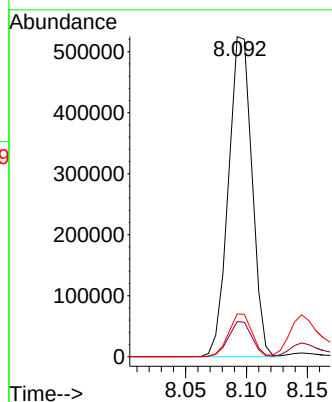
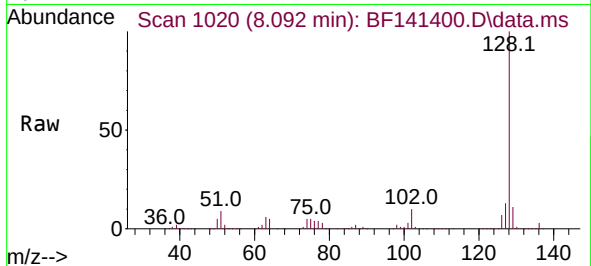
ClientSampleId :

PB166483BS

Tgt Ion:128 Resp: 705472
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.6 15.8

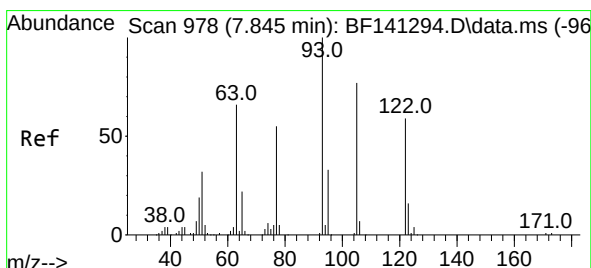
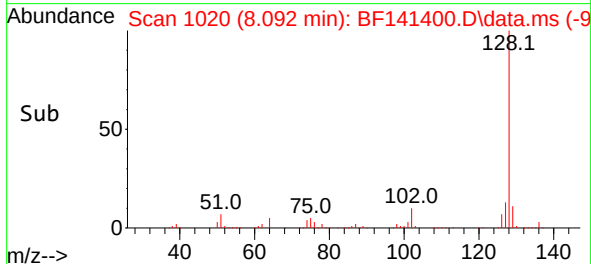
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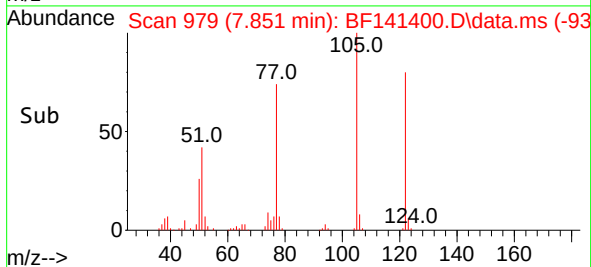
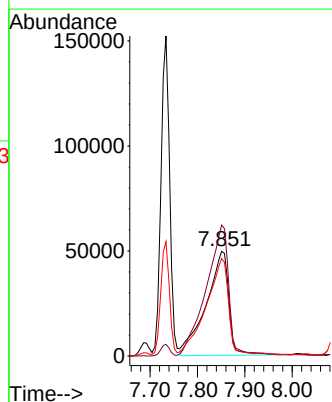
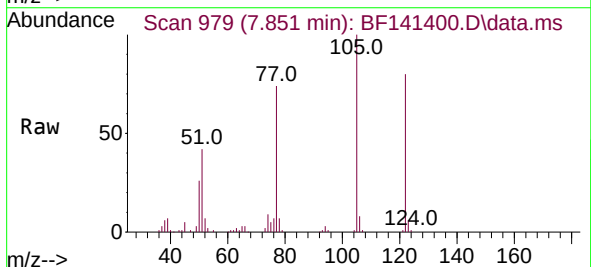
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Supervised By :mohammad
ahmed

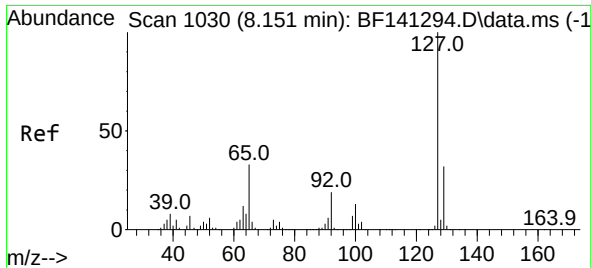
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#32
Benzoic acid
Concen: 50.616 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.030 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:122 Resp: 164765
Ion Ratio Lower Upper
122 100
105 125.0 103.4 143.4
77 93.0 70.9 110.9





#33
4-Chloroaniline
Concen: 23.794 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

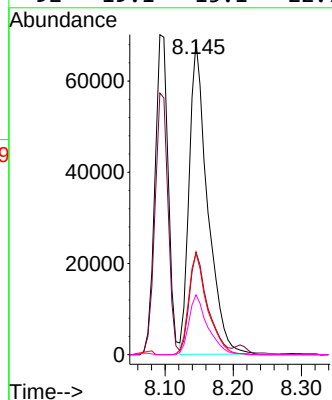
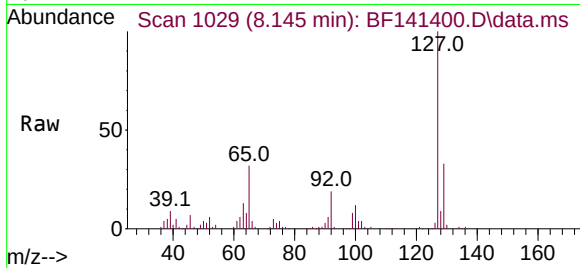
ClientSampleId :

PB166483BS

Tgt Ion:127 Resp: 127904
Ion Ratio Lower Upper
127 100
129 32.8 25.7 38.5
65 32.4 26.4 39.6
92 19.1 15.1 22.7

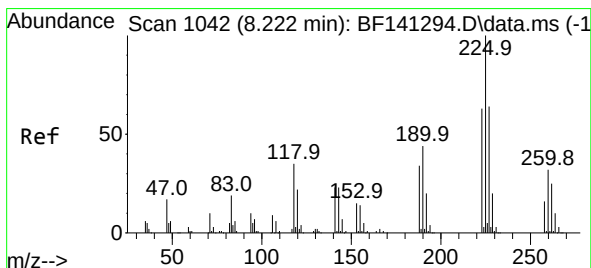
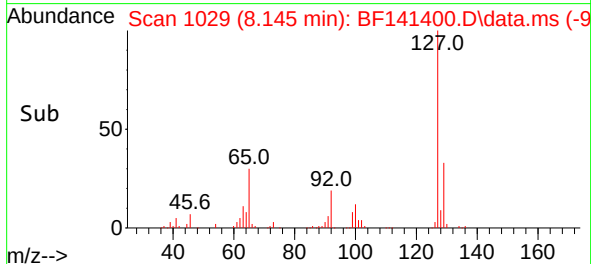
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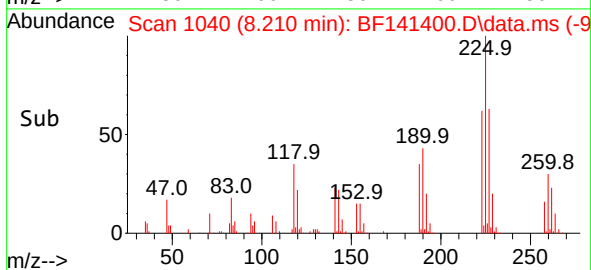
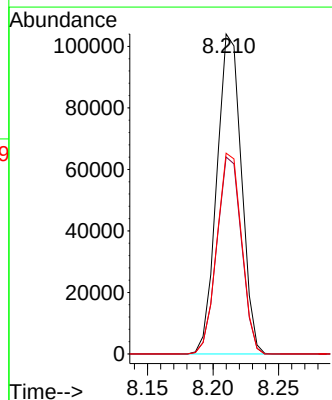
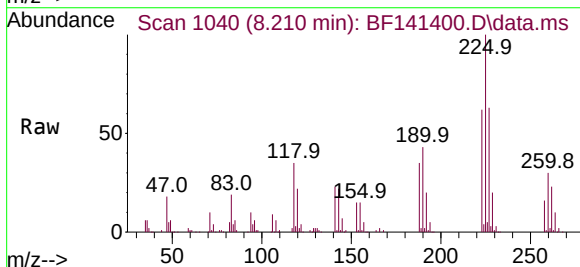
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Supervised By :mohammad
ahmed

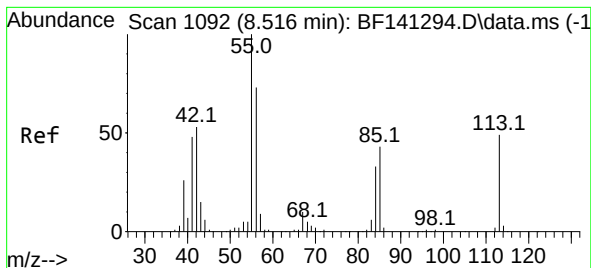
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#34
Hexachlorobutadiene
Concen: 46.609 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:225 Resp: 135320
Ion Ratio Lower Upper
225 100
223 61.5 50.4 75.6
227 62.8 51.3 76.9





#35

Caprolactam

Concen: 50.155 ng m

RT: 8.504 min Scan# 1108

Delta R.T. -0.041 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

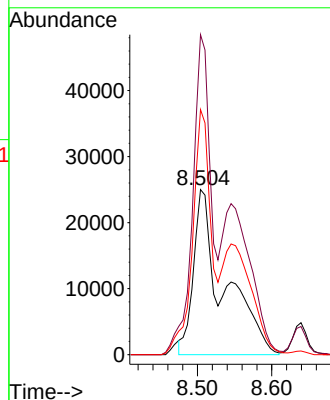
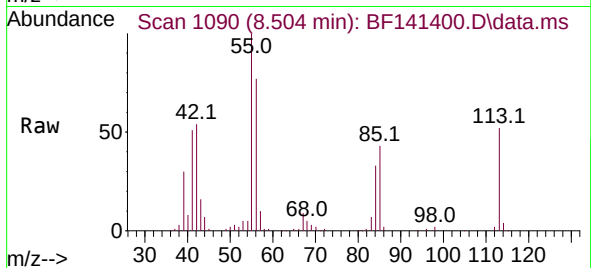
ClientSampleId :

PB166483BS

Tgt Ion:	113	Resp:	71008
Ion	Ratio	Lower	Upper
113	100		
55	193.8	182.9	222.9
56	148.4	127.9	167.9

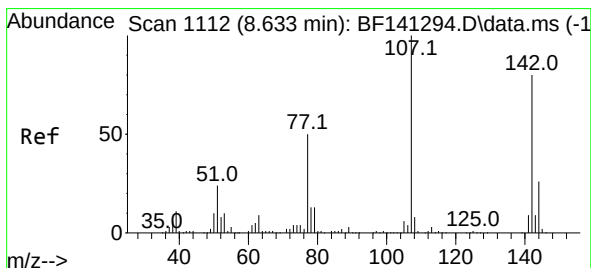
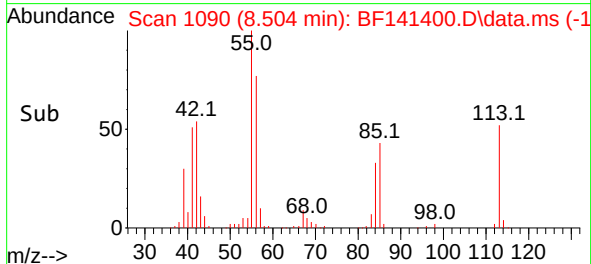
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Patel



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ahmed

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#36

4-Chloro-3-methylphenol

Concen: 47.587 ng

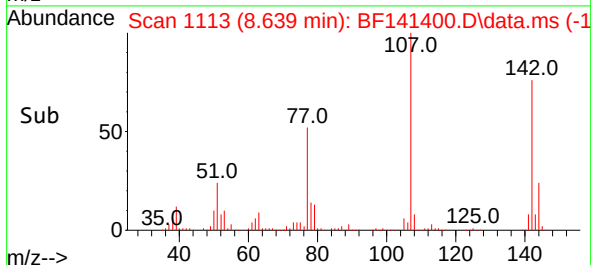
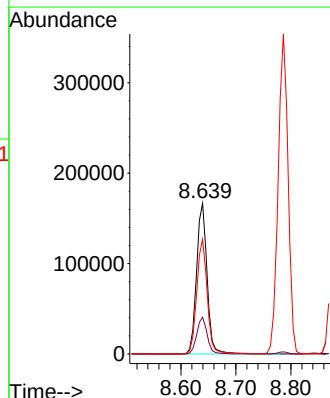
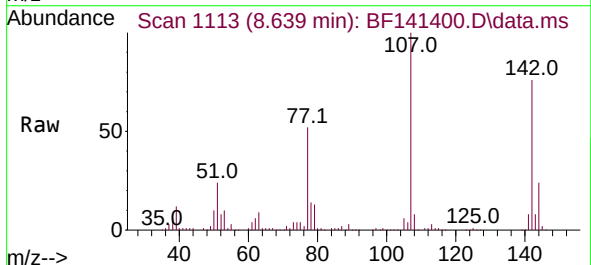
RT: 8.639 min Scan# 1113

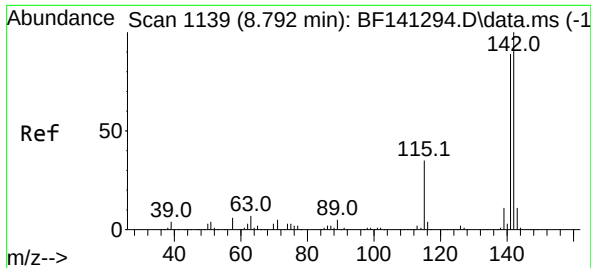
Delta R.T. -0.000 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Tgt Ion:	107	Resp:	221277
Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.7	31.1
142	76.1	63.8	95.8





#37
2-Methylnaphthalene
Concen: 44.150 ng
RT: 8.786 min Scan# 1138
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

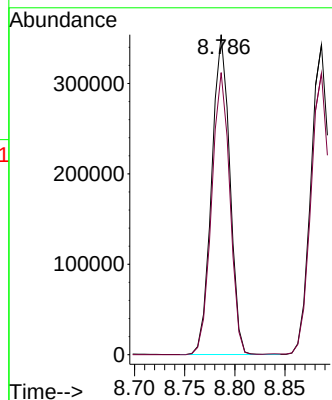
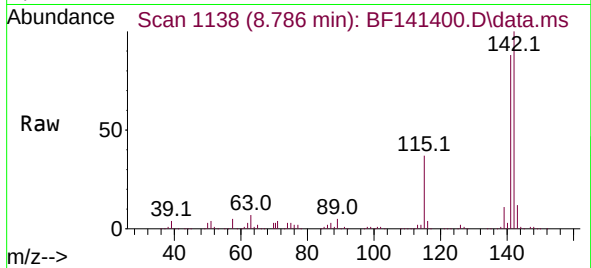
ClientSampleId :

PB166483BS

Tgt Ion:142 Resp: 444828
Ion Ratio Lower Upper
142 100
141 88.2 71.3 106.9

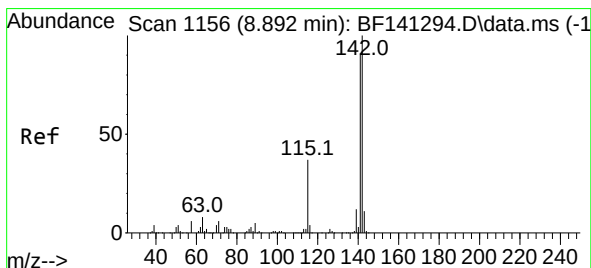
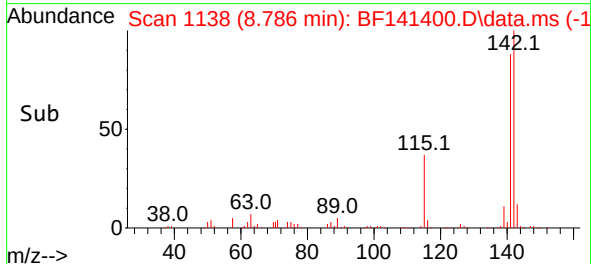
Manual Integrations
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Reviewed By :Yogesh
Patel



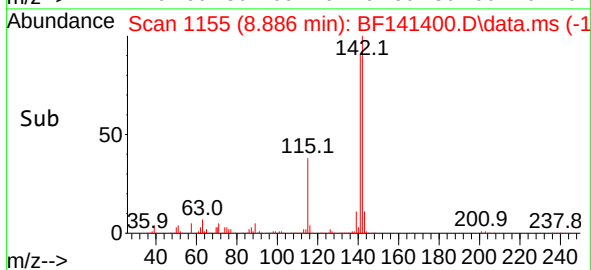
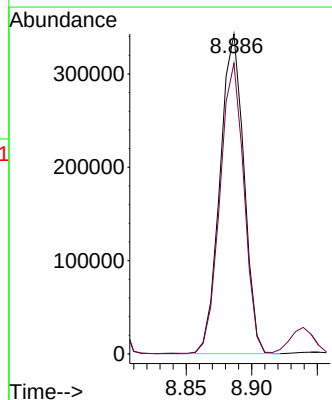
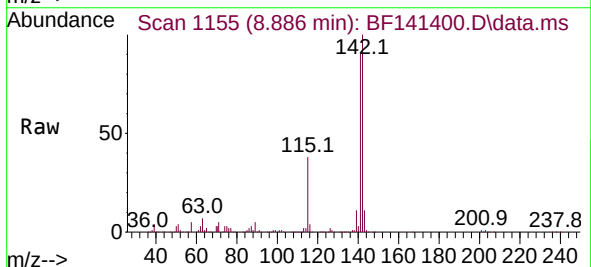
02/05/2025
Supervised By :mohammad
ahmed

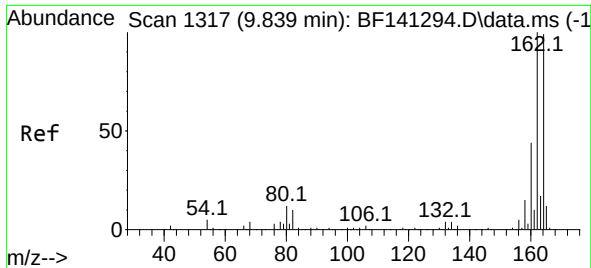
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#38
1-Methylnaphthalene
Concen: 43.993 ng
RT: 8.886 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:142 Resp: 435401
Ion Ratio Lower Upper
142 100
141 90.8 73.2 109.8





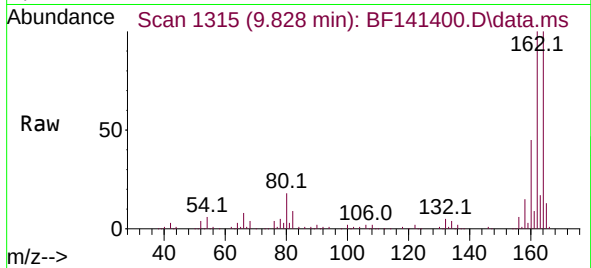
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1115
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

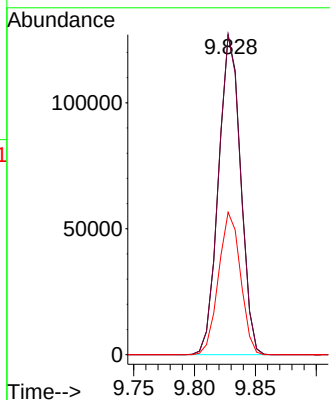
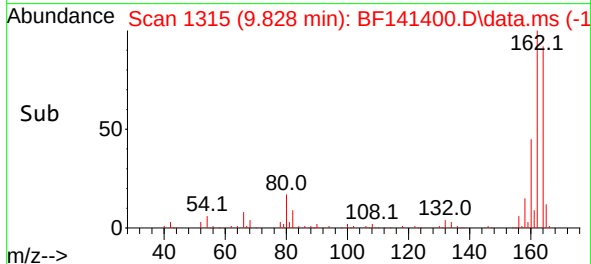
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Tgt Ion:164 Resp: 160610
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 44.6 35.8 53.6

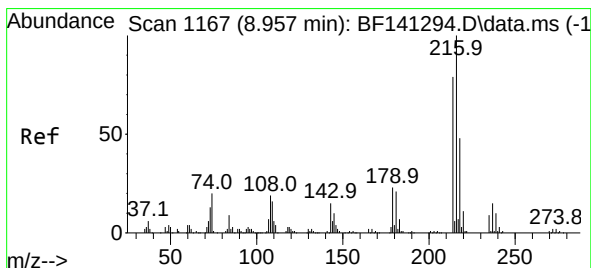
Manual Integrations
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Patel

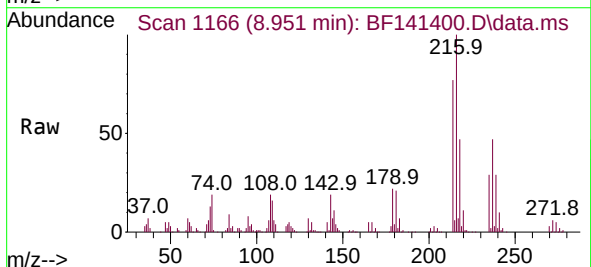


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Supervised By :mohammad
ahmed

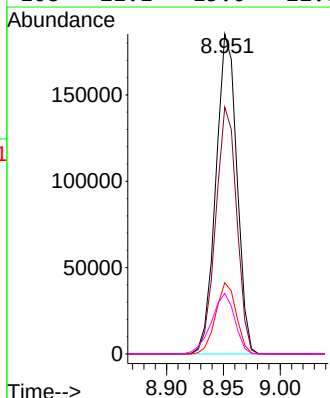
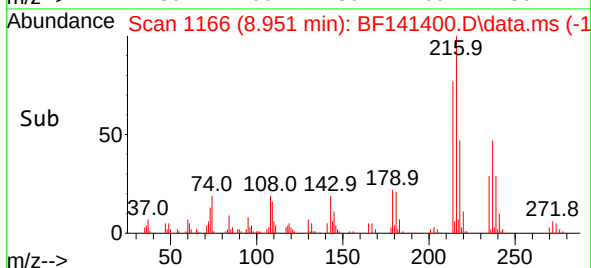
02/05/2025

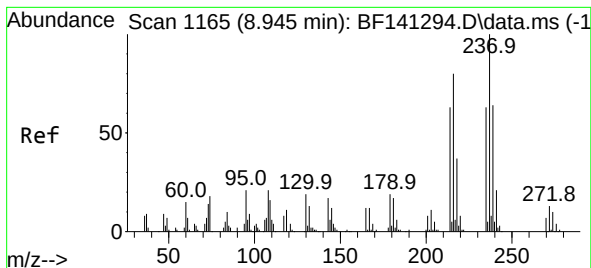


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.173 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35



Tgt Ion:216 Resp: 238396
Ion Ratio Lower Upper
216 100
214 77.1 63.2 94.8
179 21.8 17.8 26.8
108 21.1 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 210.110 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

PB166483BS

Tgt Ion:237 Resp: 28353

Ion Ratio Lower Upper

237 100

235 62.3 42.9 82.9

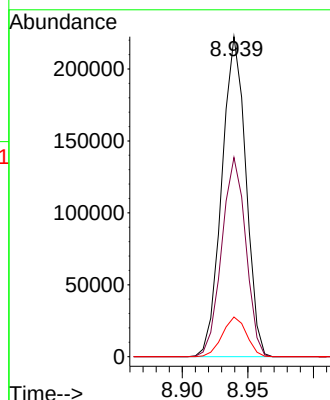
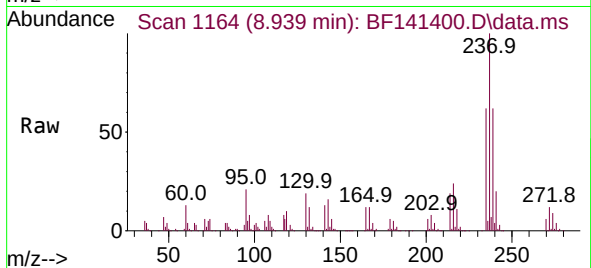
272 12.4 0.0 32.8

Manual Integrations

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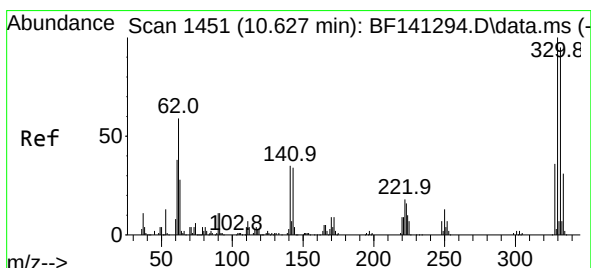
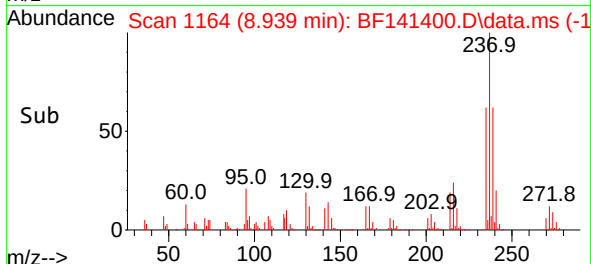
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Supervised By :mohammad
ahmed

02/05/2025



#42

2,4,6-Tribromophenol

Concen: 159.869 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

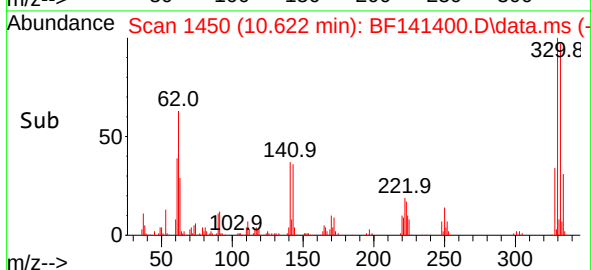
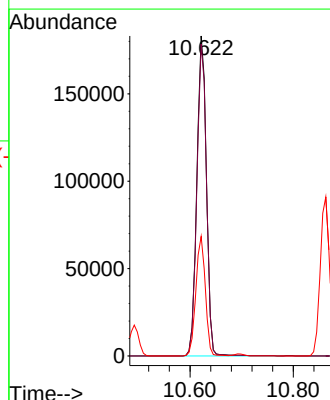
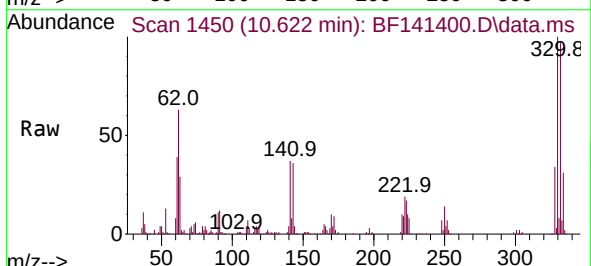
Tgt Ion:330 Resp: 235403

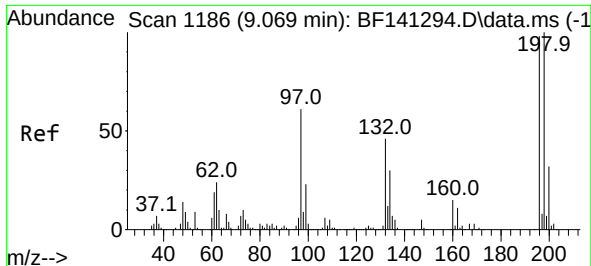
Ion Ratio Lower Upper

330 100

332 97.7 76.1 114.1

141 37.1 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 47.523 ng

RT: 9.069 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

PB166483BS

Tgt Ion:196 Resp: 14213

Ion Ratio Lower Upper

196 100

198 101.7 81.8 122.6

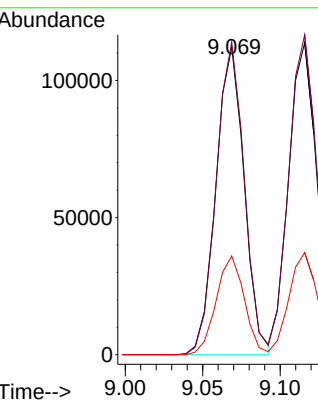
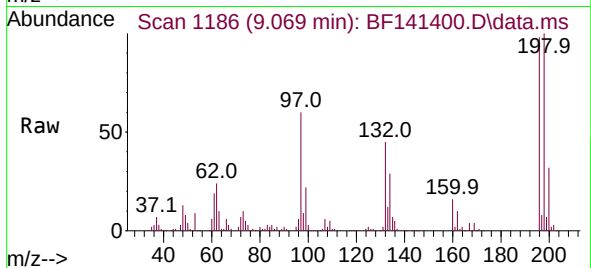
200 32.1 26.3 39.5

Manual Integrations

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Reviewed By :Yogesh

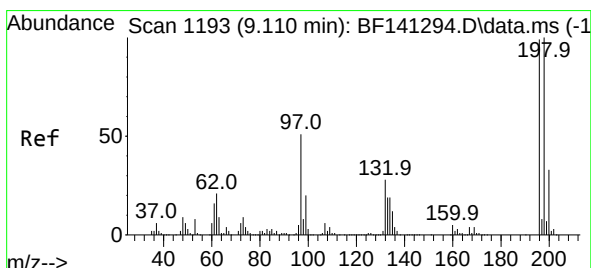
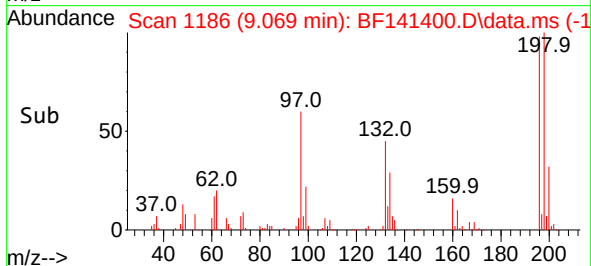
Patel



02/05/2025

Supervised By :mohammad
ahmed

02/05/2025



#44

2,4,5-Trichlorophenol

Concen: 45.768 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Tgt Ion:196 Resp: 148982

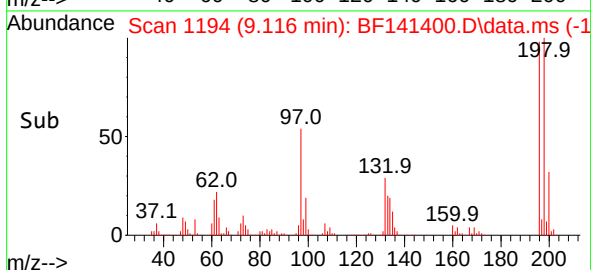
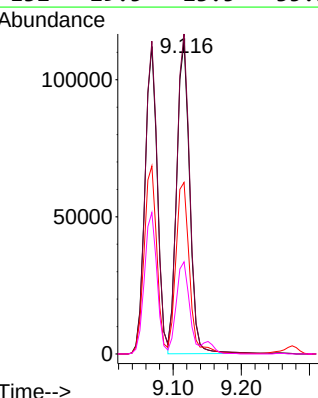
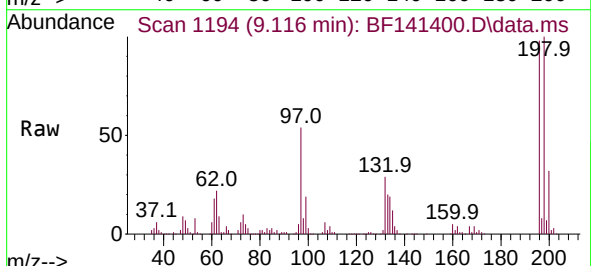
Ion Ratio Lower Upper

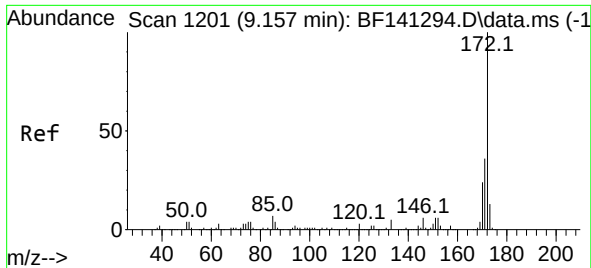
196 100

198 102.5 80.5 120.7

97 55.0 42.8 64.2

132 29.5 23.5 35.3





#45
2-Fluorobiphenyl
Concen: 100.460 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

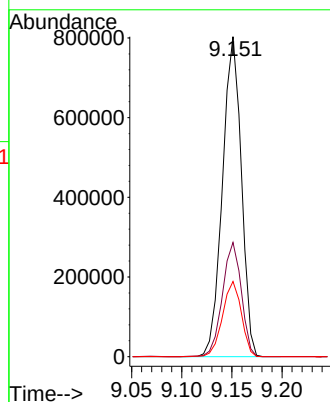
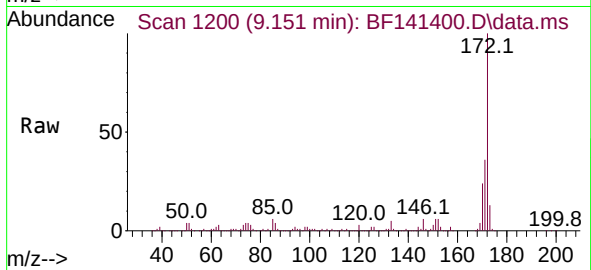
ClientSampleId :

PB166483BS

Tgt Ion:172 Resp: 1048310
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.5 19.0 28.6

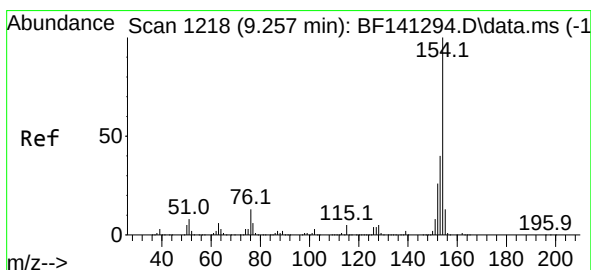
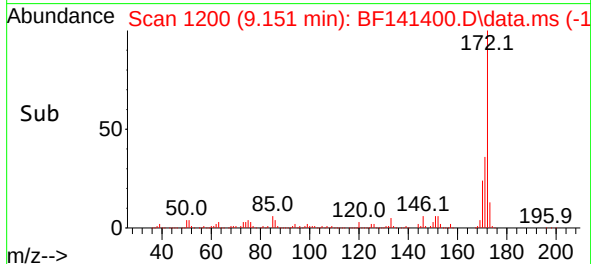
Manual Integrations
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Reviewed By :Yogesh
Patel



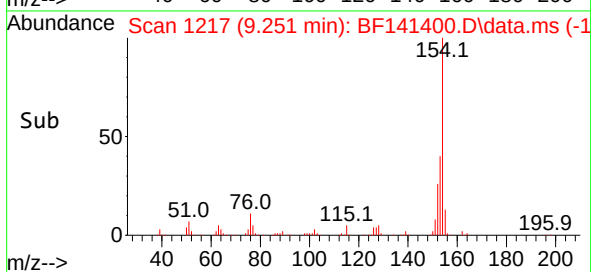
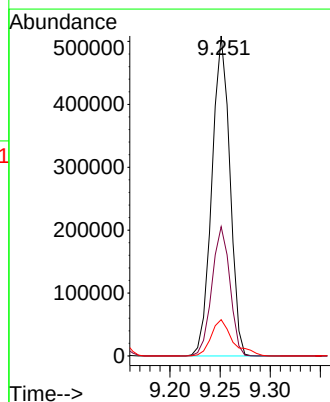
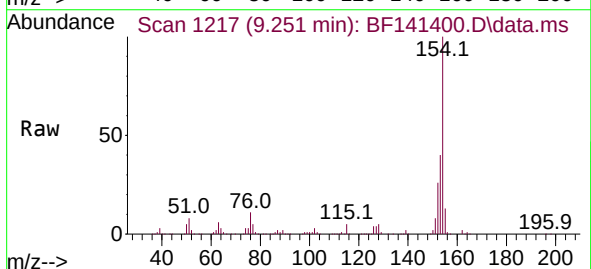
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Supervised By :mohammad
ahmed

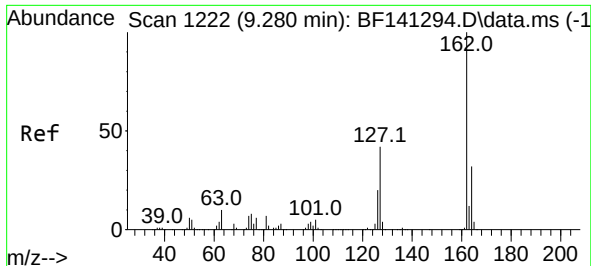
02/05/2025



#46
1,1'-Biphenyl
Concen: 50.785 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:154 Resp: 636137
Ion Ratio Lower Upper
154 100
153 40.4 20.0 60.0
76 11.3 0.0 32.8





#47

2-Chloronaphthalene

Concen: 44.160 ng

RT: 9.275 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

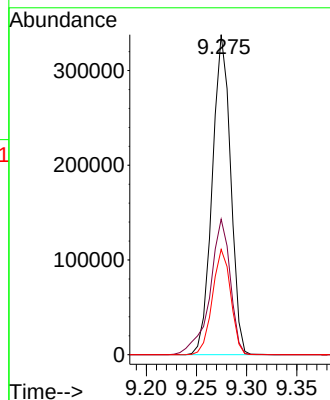
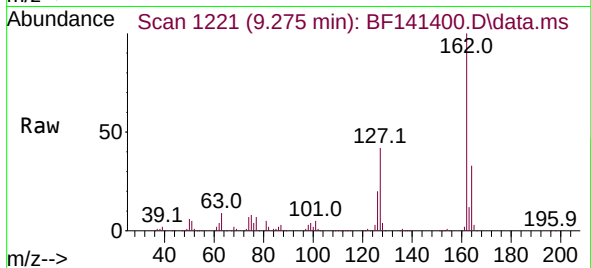
PB166483BS

Tgt Ion:162 Resp: 431150

Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.7	50.5
164	32.9	25.9	38.9

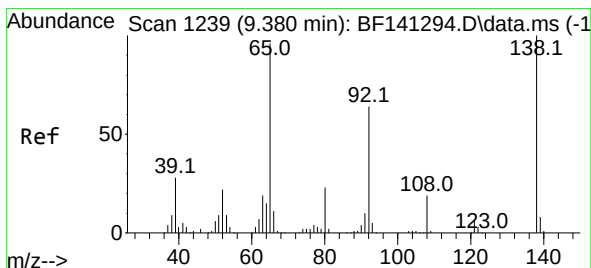
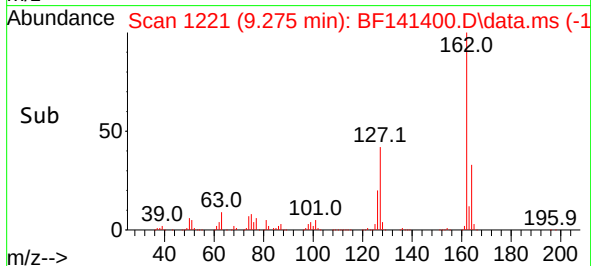
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#48

2-Nitroaniline

Concen: 46.592 ng

RT: 9.375 min Scan# 1238

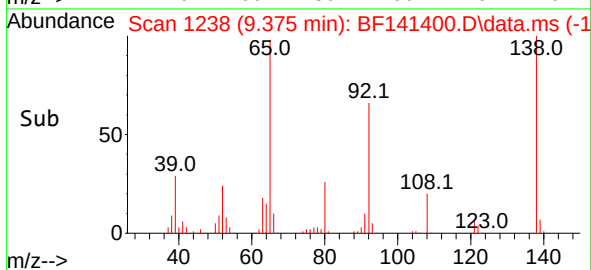
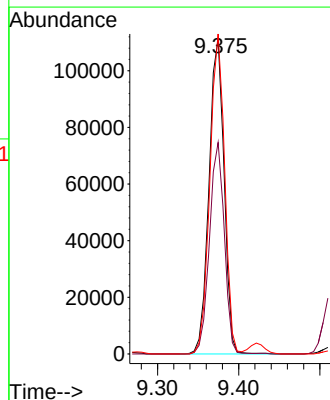
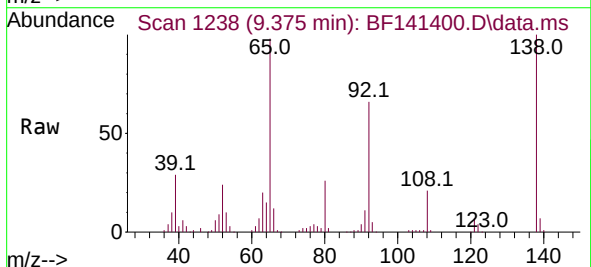
Delta R.T. -0.006 min

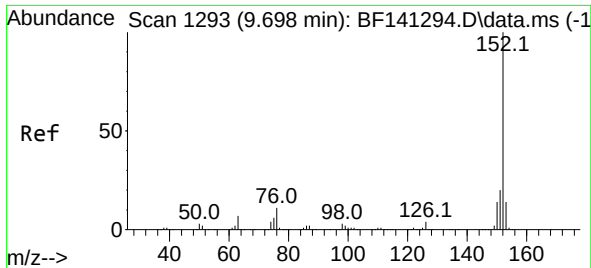
Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Tgt Ion: 65 Resp: 143083

Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.3	79.9
138	101.5	83.6	125.4





#49
Acenaphthylene
Concen: 48.777 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

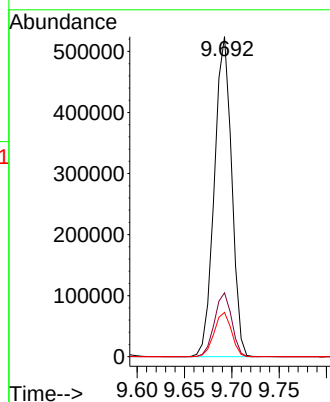
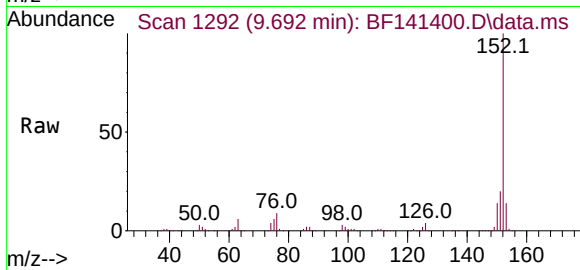
ClientSampleId :

PB166483BS

Tgt Ion:152 Resp: 66664
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.8 11.0 16.6

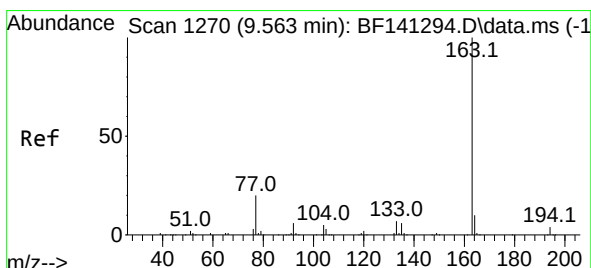
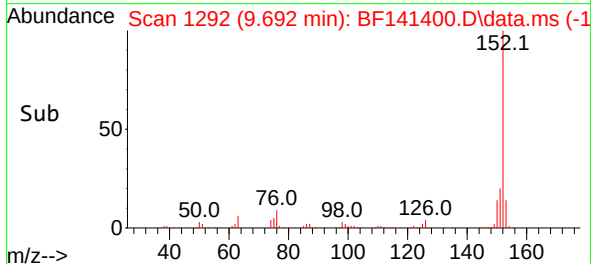
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Reviewed By :Yogesh
Patel



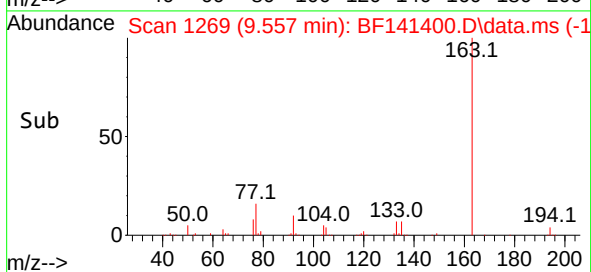
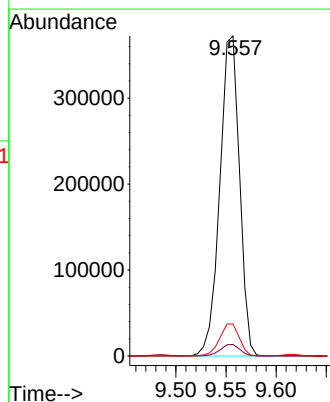
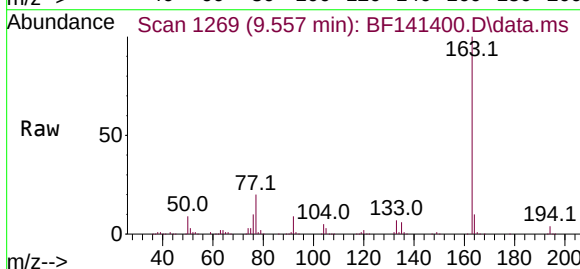
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Supervised By :mohammad
ahmed

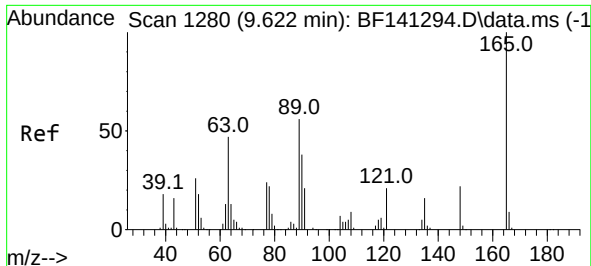
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#50
Dimethylphthalate
Concen: 46.856 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:163 Resp: 508293
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 44.814 ng
RT: 9.616 min Scan# 11287
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

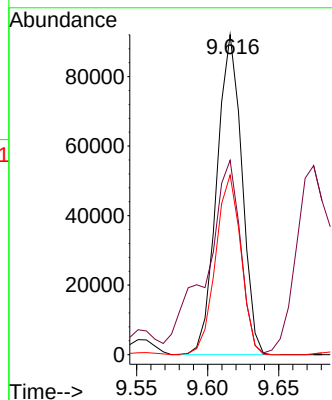
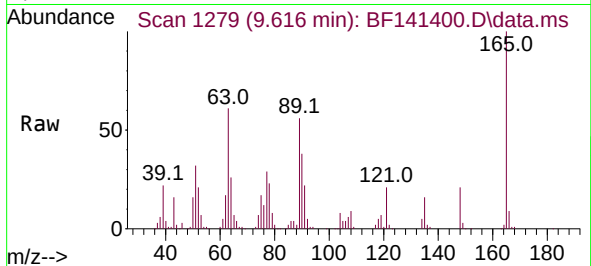
ClientSampleId :

PB166483BS

Tgt Ion:165 Resp: 11287
Ion Ratio Lower Upper
165 100
63 60.8 48.1 72.1
89 56.2 44.9 67.3

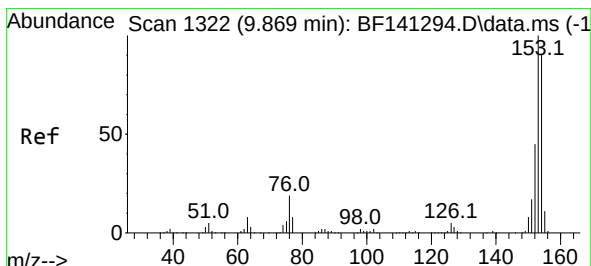
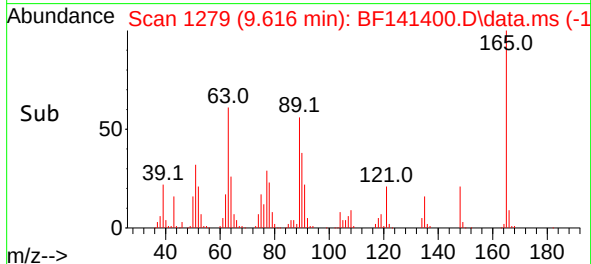
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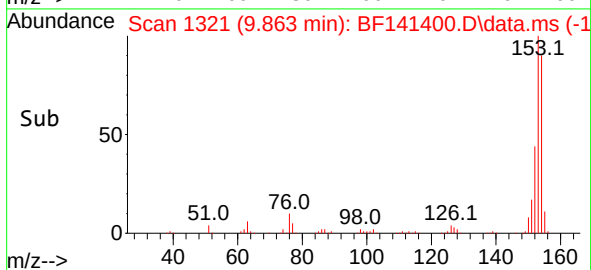
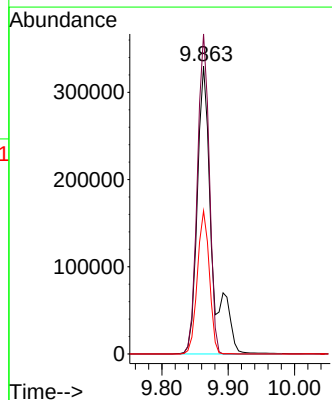
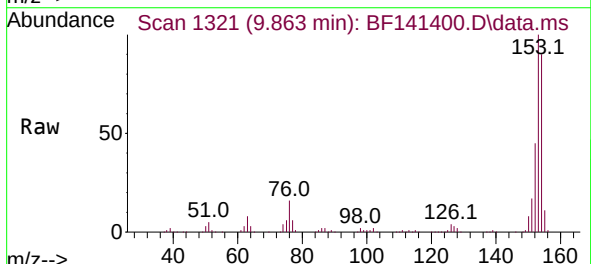
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Supervised By :mohammad
ahmed

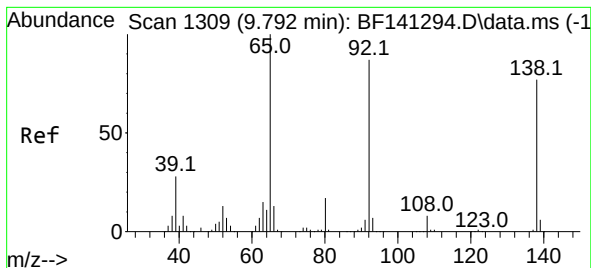
02/05/2025



#52
Acenaphthene
Concen: 51.888 ng m
RT: 9.863 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:154 Resp: 506621
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.4
152 49.7 40.2 60.4





#53

3-Nitroaniline

Concen: 26.174 ng

RT: 9.780 min Scan# 1307

Delta R.T. -0.018 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

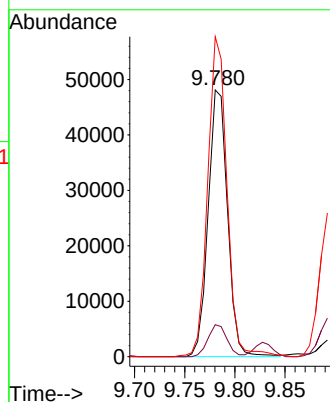
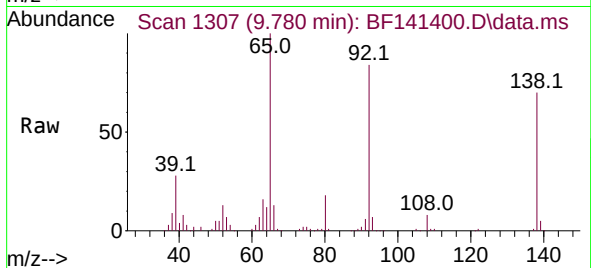
PB166483BS

Tgt Ion:138 Resp: 6461

Ion	Ratio	Lower	Upper
138	100		
108	12.0	8.6	12.8
92	120.0	91.0	136.6

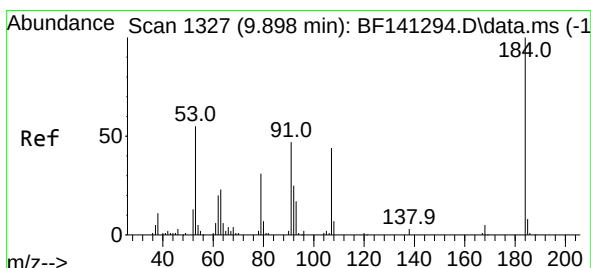
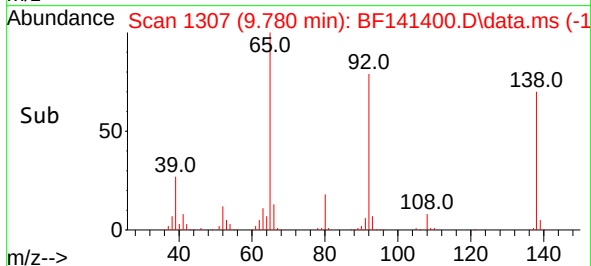
Manual Integrations
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Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

02/05/2025



#54

2,4-Dinitrophenol

Concen: 113.106 ng

RT: 9.892 min Scan# 1326

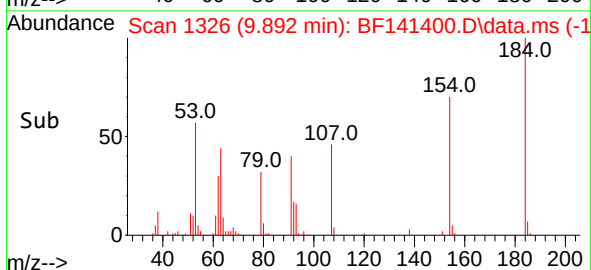
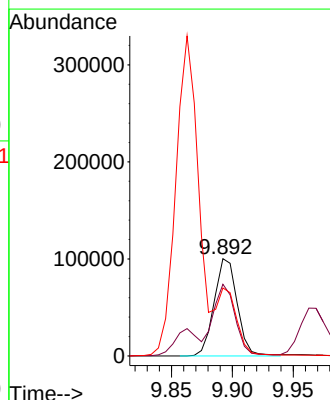
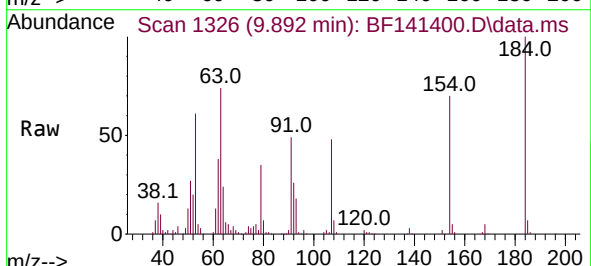
Delta R.T. -0.012 min

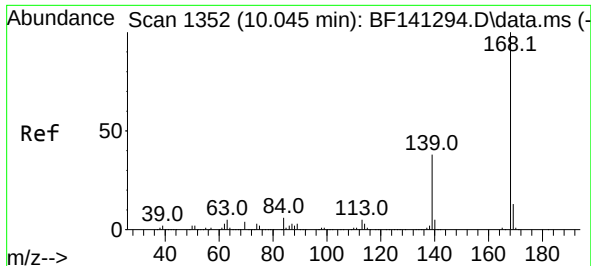
Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Tgt Ion:184 Resp: 132431

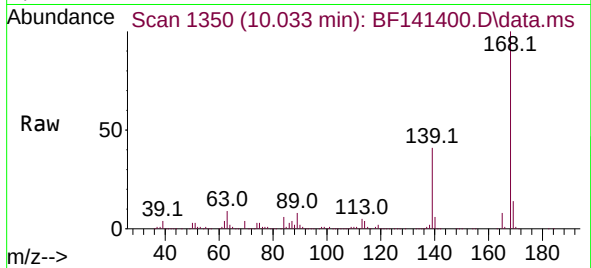
Ion	Ratio	Lower	Upper
184	100		
63	73.7	54.1	81.1
154	70.0	50.7	76.1





#55
Dibenzenofuran
Concen: 45.995 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

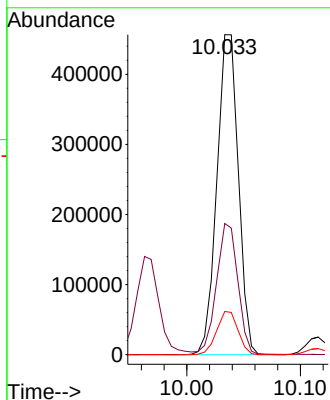
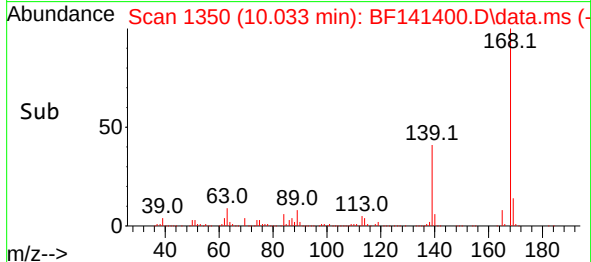
Instrument :
BNA_F
ClientSampleId :
PB166483BS



Tgt Ion:168 Resp: 601124
Ion Ratio Lower Upper
168 100
139 41.0 30.6 46.0
169 13.5 10.8 16.2

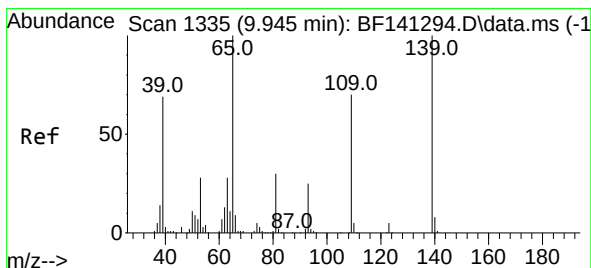
Manual Integrations
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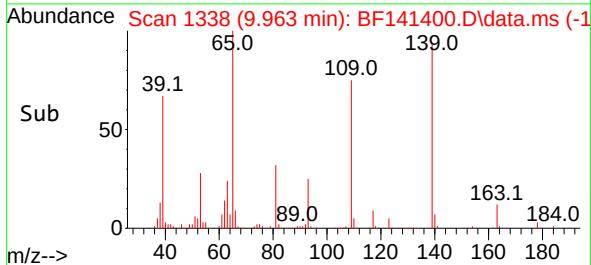
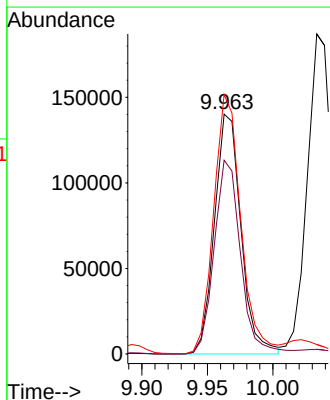
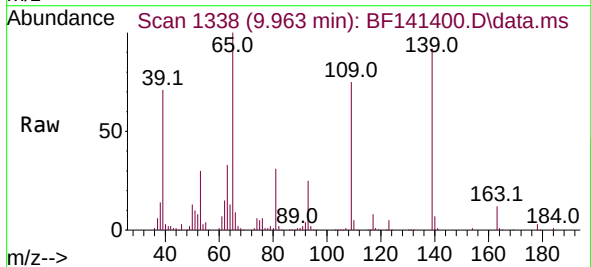
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Supervised By :mohammad
ahmed

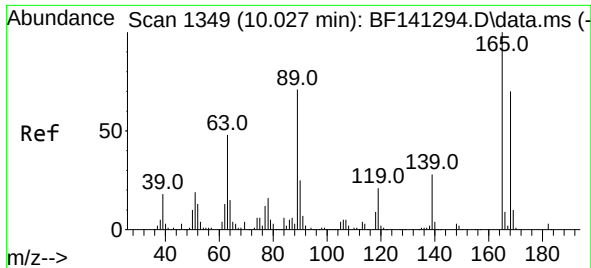
02/05/2025



#56
4-Nitrophenol
Concen: 109.124 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:139 Resp: 197015
Ion Ratio Lower Upper
139 100
109 80.8 50.2 90.2
65 108.2 80.6 120.6





#57
2,4-Dinitrotoluene
Concen: 47.503 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

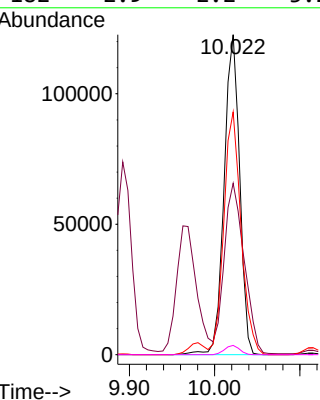
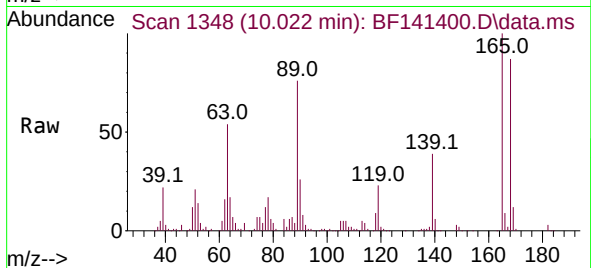
ClientSampleId :

PB166483BS

Tgt Ion:165 Resp: 154912
Ion Ratio Lower Upper
165 100
63 53.5 39.2 58.8
89 75.8 56.9 85.3
182 2.9 2.2 3.2

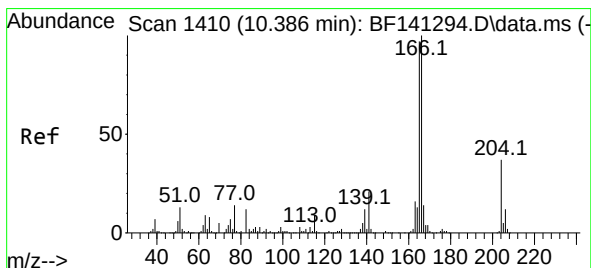
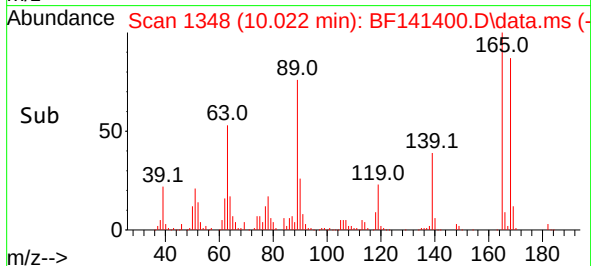
Manual Integrations
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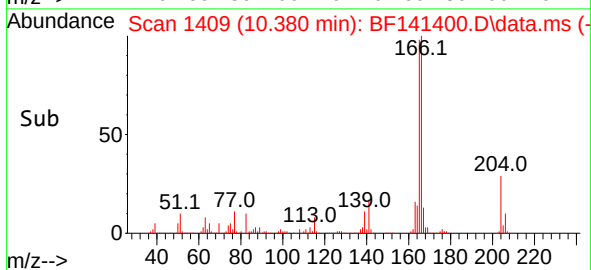
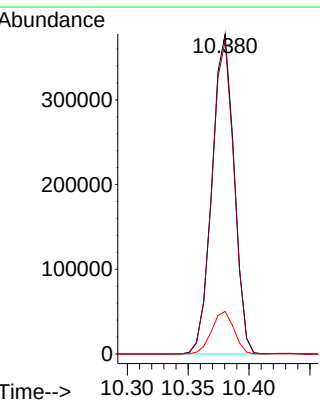
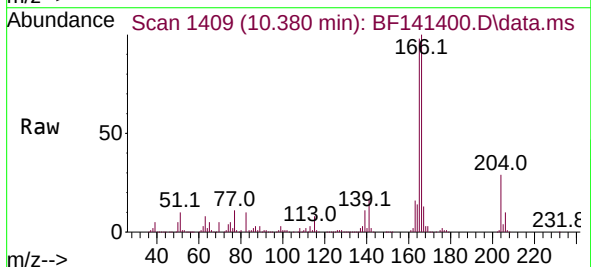
02/05/2025
Supervised By :mohammad
ahmed

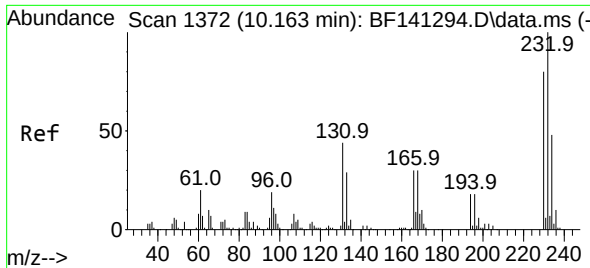
02/05/2025



#58
Fluorene
Concen: 46.978 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

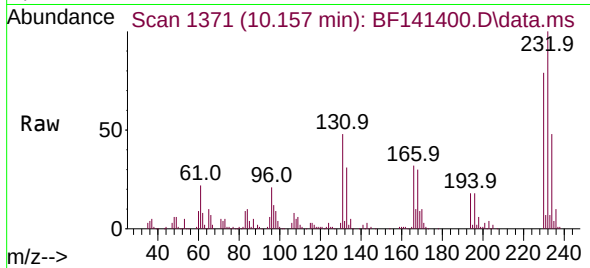
Tgt Ion:166 Resp: 476249
Ion Ratio Lower Upper
166 100
165 97.7 77.5 116.3
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.174 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

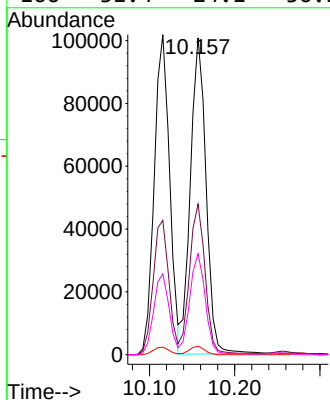
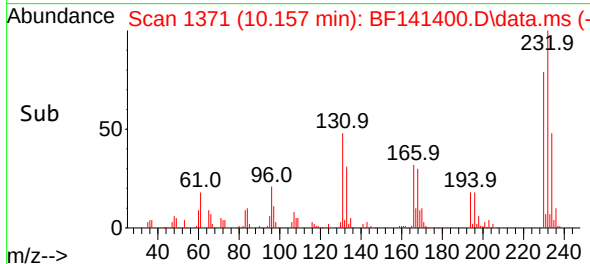
Instrument :
BNA_F
ClientSampleId :
PB166483BS



Tgt Ion:232 Resp: 128489
Ion Ratio Lower Upper
232 100
131 48.2 36.4 54.6
130 2.6 1.9 2.9
166 31.4 24.1 36.1

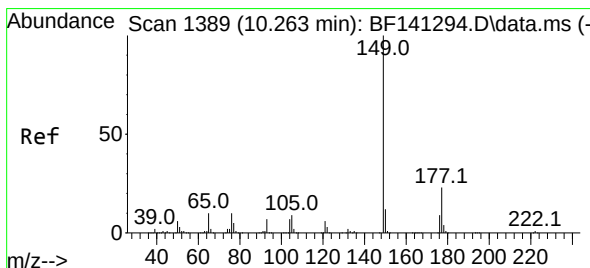
Manual Integrations
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Reviewed By :Yogesh
Patel

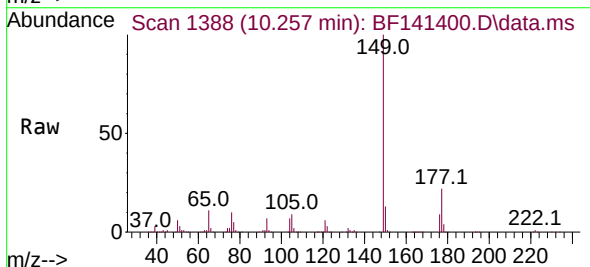


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Supervised By :mohammad
ahmed

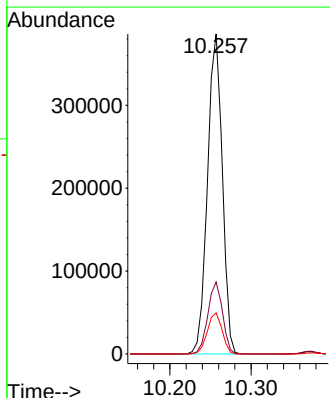
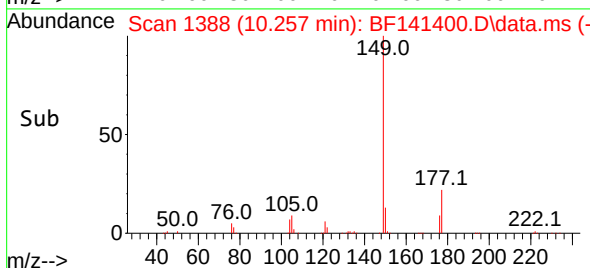
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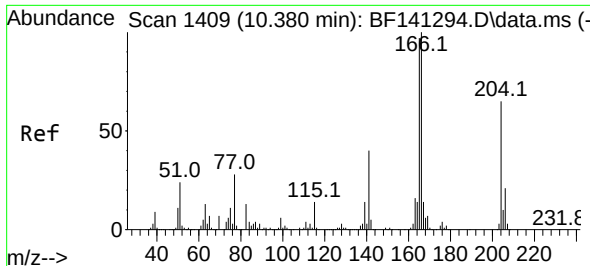


#60
Diethylphthalate
Concen: 46.351 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35



Tgt Ion:149 Resp: 487531
Ion Ratio Lower Upper
149 100
177 22.5 18.5 27.7
150 12.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.476 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

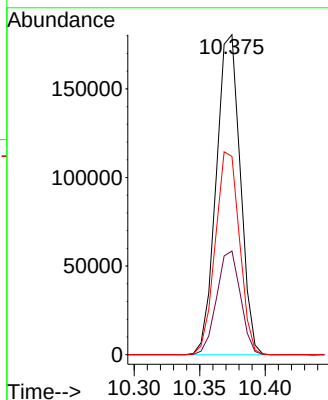
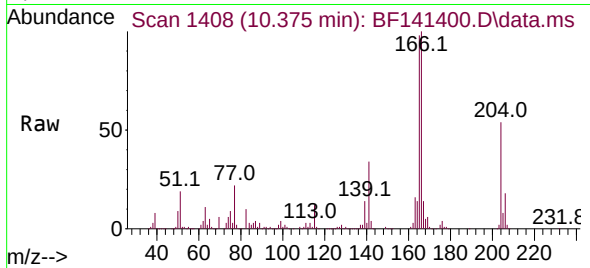
ClientSampleId :

PB166483BS

Tgt Ion:204 Resp: 23014
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 62.0 49.5 74.3

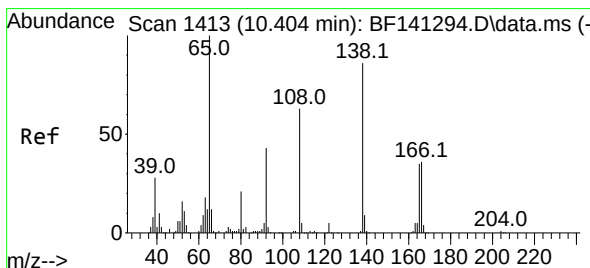
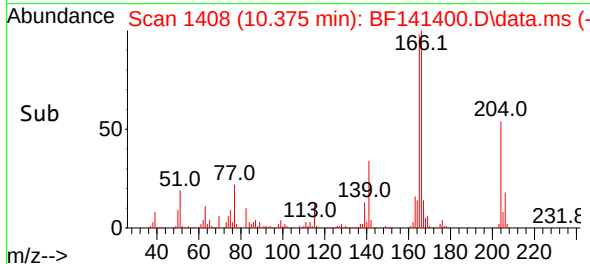
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Reviewed By :Yogesh
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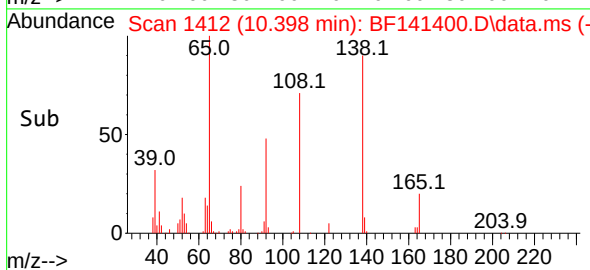
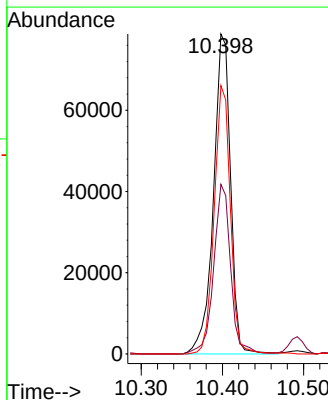
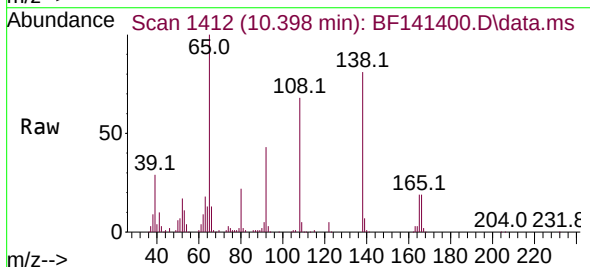
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Supervised By :mohammad
ahmed

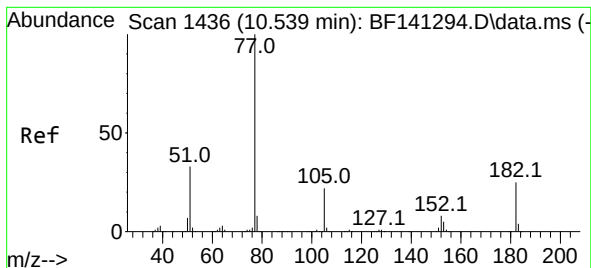
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#62
4-Nitroaniline
Concen: 47.513 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

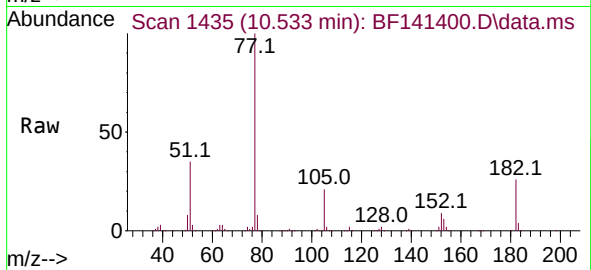
Tgt Ion:138 Resp: 115317
Ion Ratio Lower Upper
138 100
92 53.0 30.1 70.1
108 83.9 53.1 93.1





#63
Azobenzene
Concen: 44.972 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

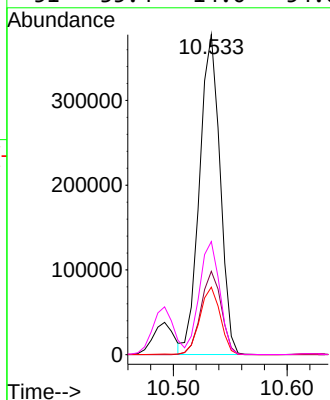
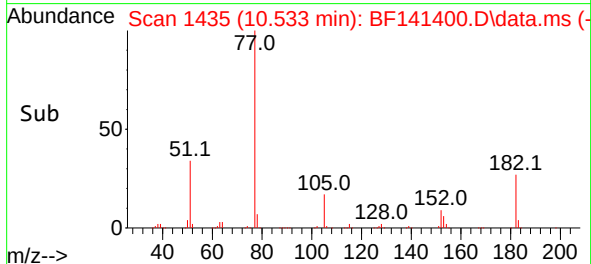
Instrument :
BNA_F
ClientSampleId :
PB166483BS



Tgt Ion: 77 Resp: 47349
Ion Ratio Lower Upper
77 100
182 26.1 5.1 45.1
105 21.1 1.8 41.8
51 35.4 14.0 54.0

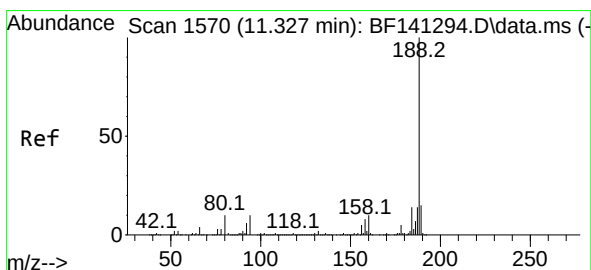
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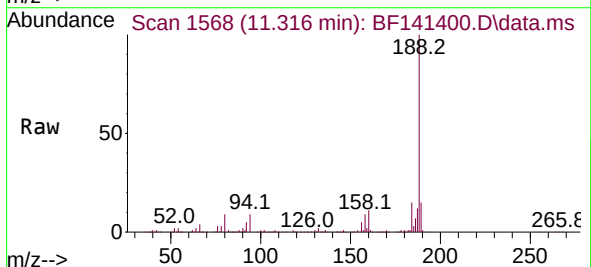


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Supervised By :mohammad
ahmed

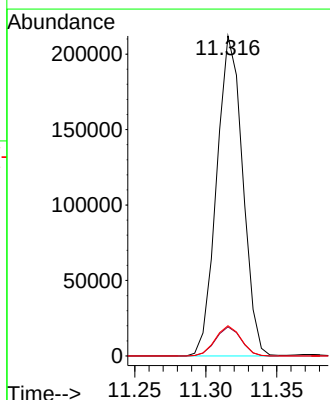
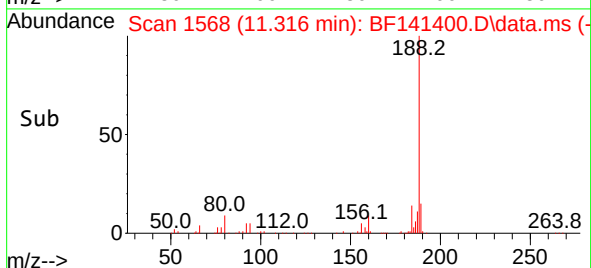
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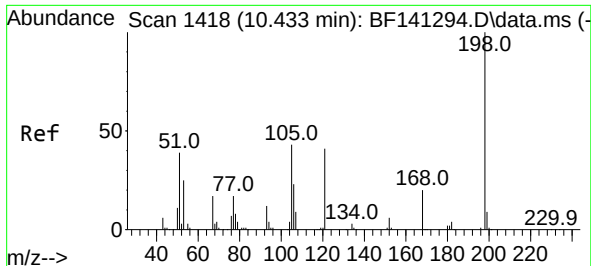


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35



Tgt Ion:188 Resp: 270383
Ion Ratio Lower Upper
188 100
94 9.1 7.8 11.6
80 9.5 8.2 12.4





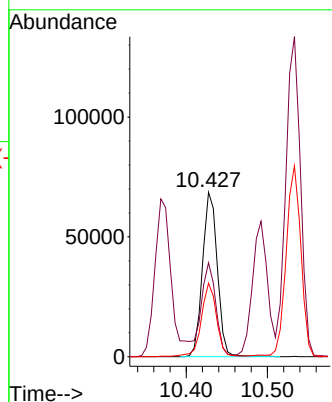
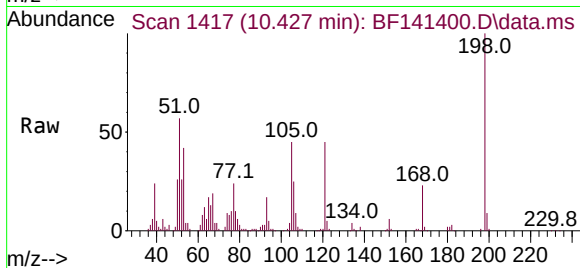
#65
4,6-Dinitro-2-methylphenol
Concen: 54.338 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :
BNA_F
ClientSampleId :
PB166483BS

Tgt Ion:198 Resp: 86904
Ion Ratio Lower Upper
198 100
51 57.1 33.4 73.4
105 44.6 24.4 64.4

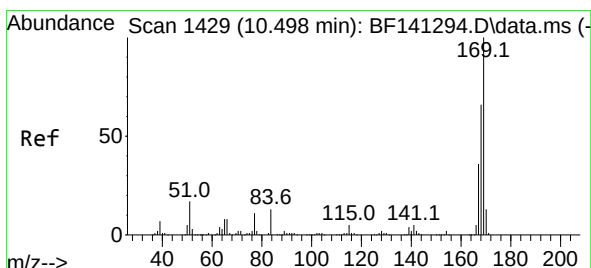
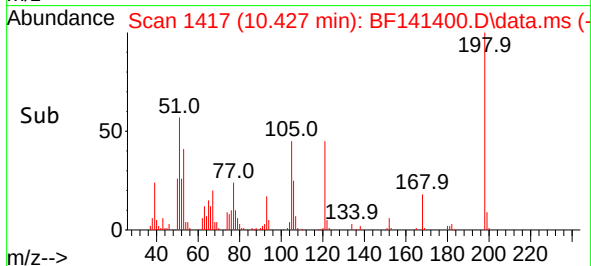
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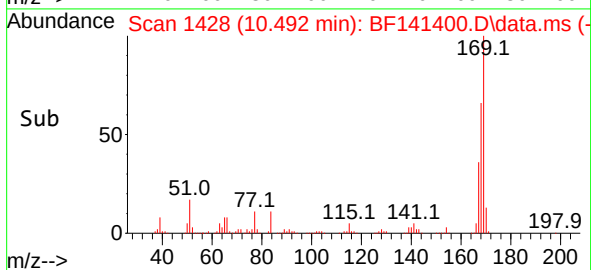
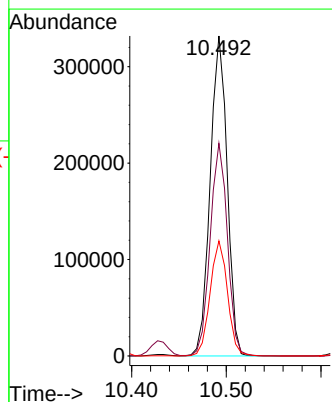
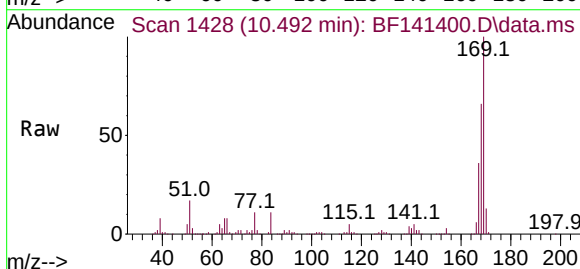
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Supervised By :mohammad
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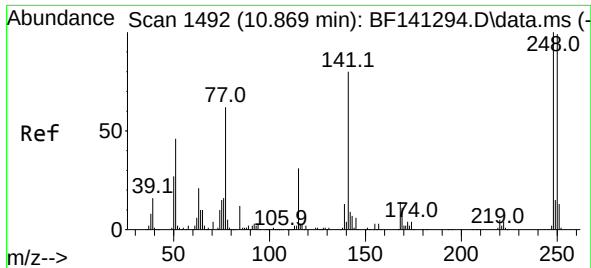
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#66
n-Nitrosodiphenylamine
Concen: 47.352 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

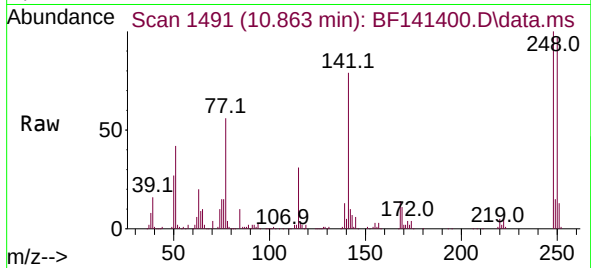
Tgt Ion:169 Resp: 414100
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.4
167 36.0 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 46.194 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

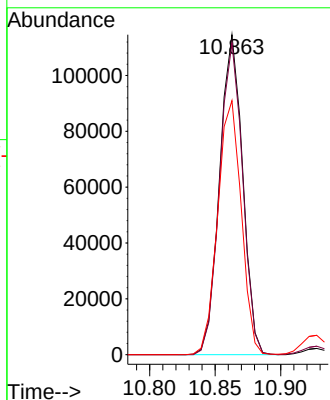
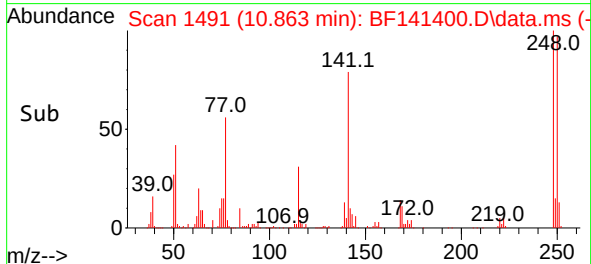
Instrument :
BNA_F
ClientSampleId :
PB166483BS



Tgt Ion:248 Resp: 139830
Ion Ratio Lower Upper
248 100
250 97.4 79.0 118.4
141 79.4 63.7 95.5

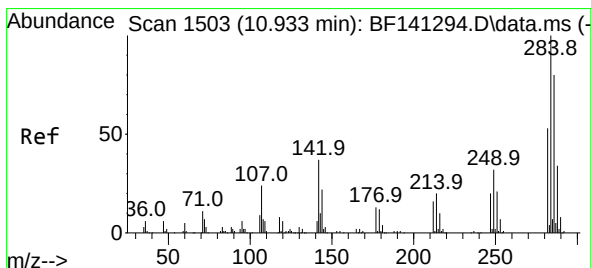
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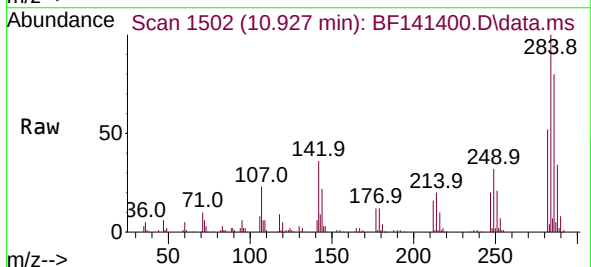


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Supervised By :mohammad
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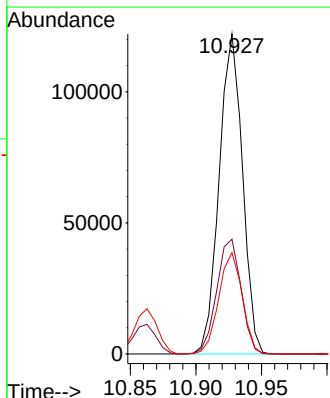
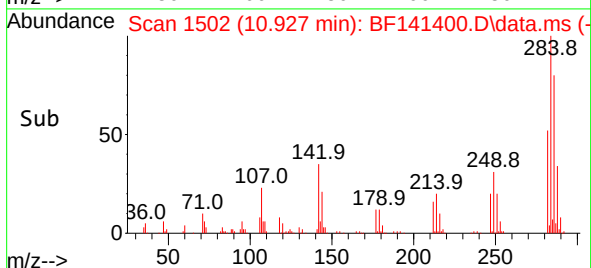
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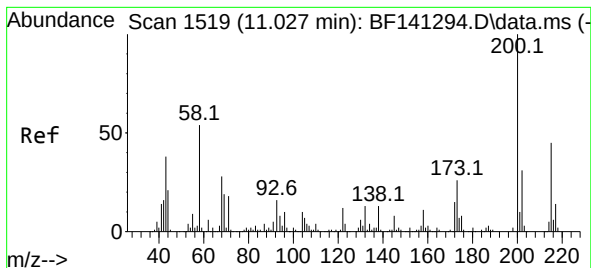


#68
Hexachlorobenzene
Concen: 46.987 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35



Tgt Ion:284 Resp: 150872
Ion Ratio Lower Upper
284 100
142 35.8 29.5 44.3
249 31.7 25.4 38.2





#69

Atrazine

Concen: 55.505 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

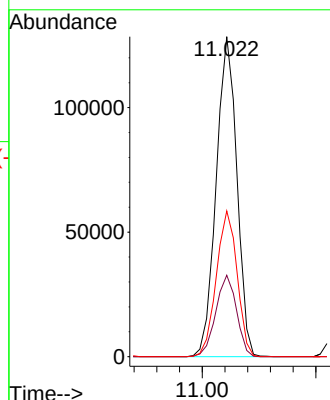
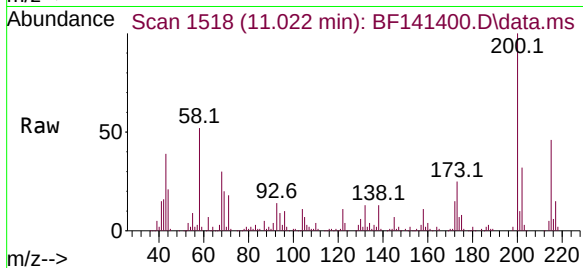
ClientSampleId :

PB166483BS

Tgt Ion:200 Resp: 162293
 Ion Ratio Lower Upper
 200 100
 173 25.4 5.9 45.9
 215 45.6 25.2 65.2

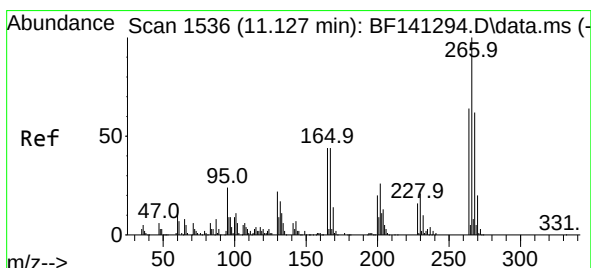
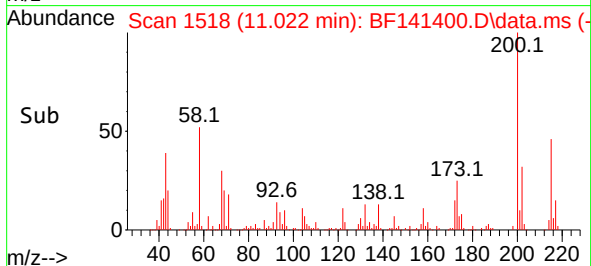
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 ahmed

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#70

Pentachlorophenol

Concen: 106.308 ng

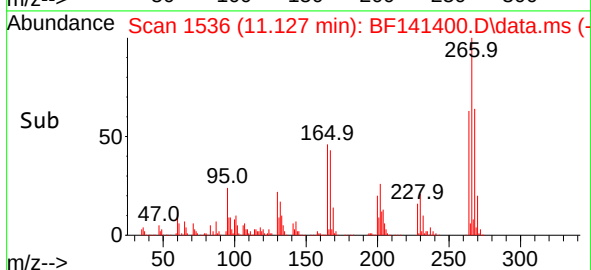
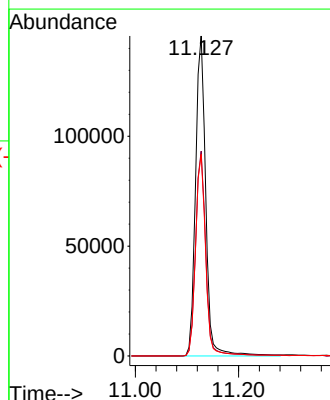
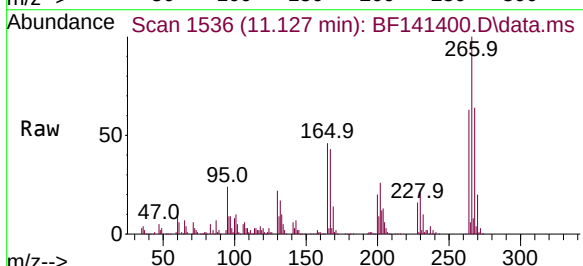
RT: 11.127 min Scan# 1536

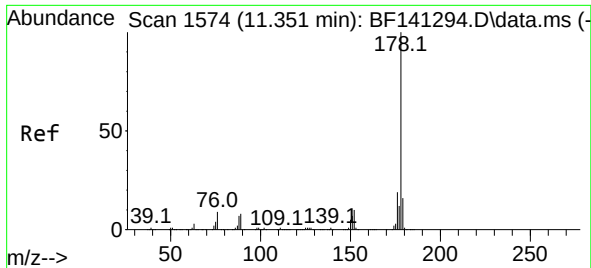
Delta R.T. -0.006 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Tgt Ion:266 Resp: 199886
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.9 74.9
 264 63.0 51.0 76.4





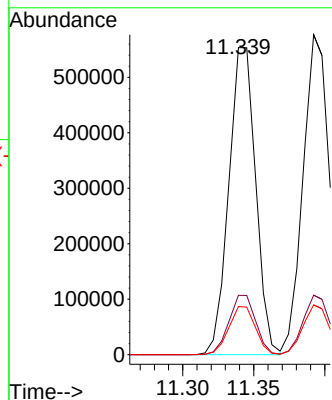
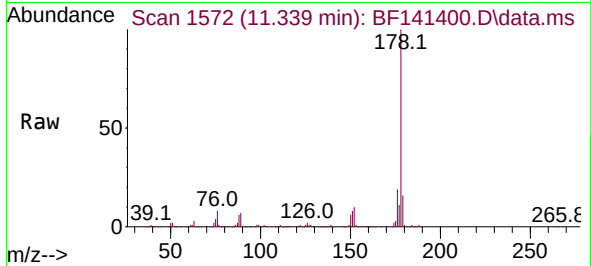
#71
Phenanthrene
Concen: 50.279 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :
BNA_F
ClientSampleId :
PB166483BS

Tgt Ion:178 Resp: 73076
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.7 12.5 18.7

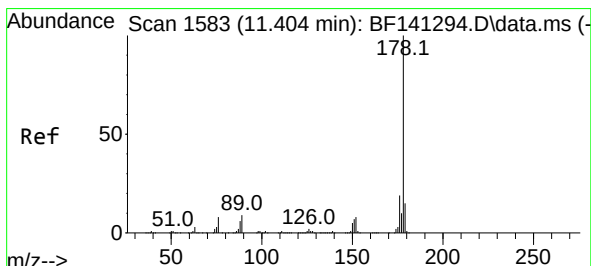
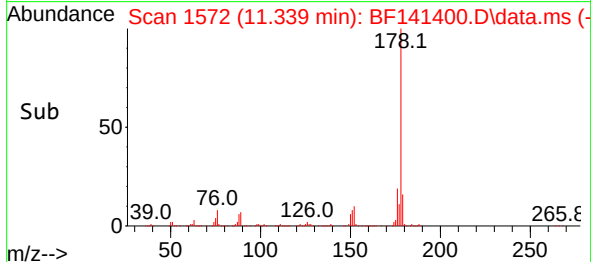
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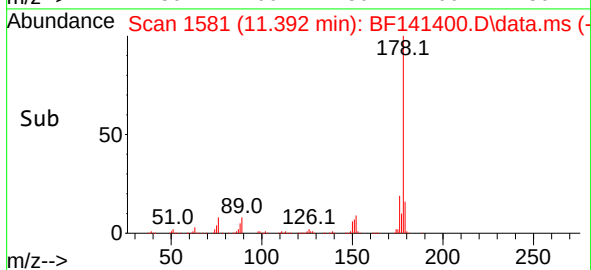
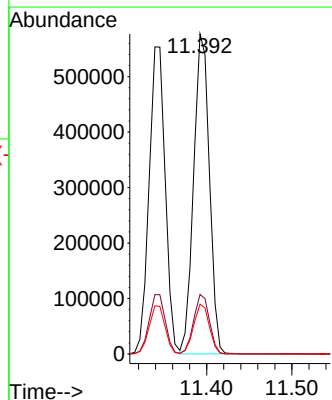
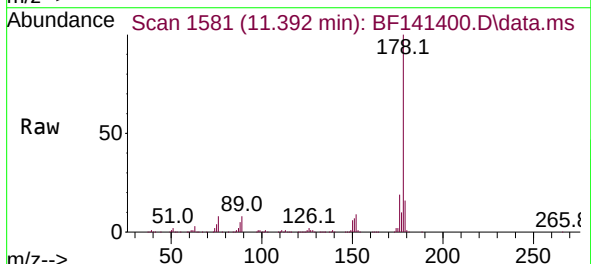
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ahmed

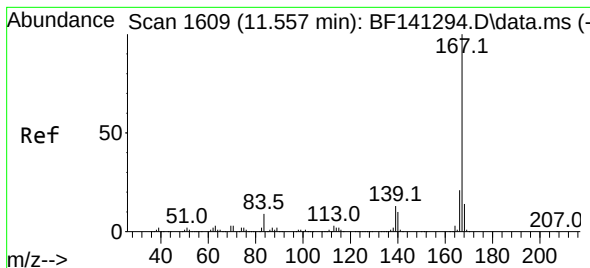
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#72
Anthracene
Concen: 52.025 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:178 Resp: 740887
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.6 12.3 18.5





#73

Carbazole

Concen: 52.720 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF141400.D

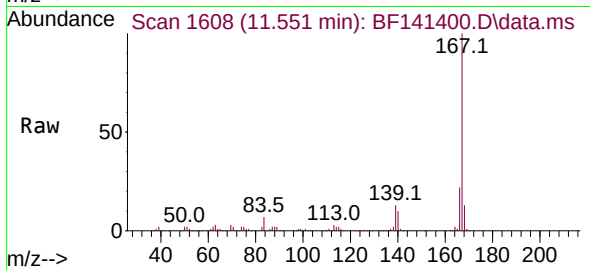
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

PB166483BS



Tgt Ion:167 Resp: 66573

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.6

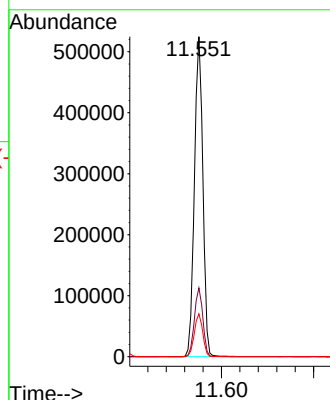
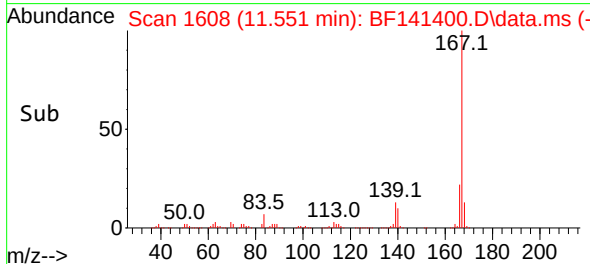
139 13.4 10.6 16.0

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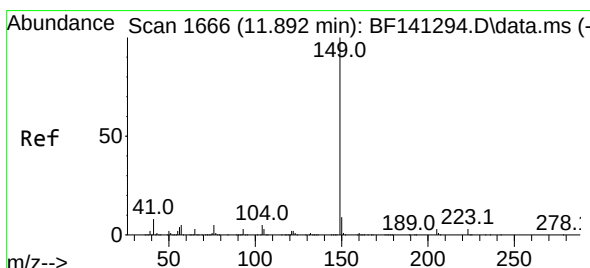
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#74

Di-n-butylphthalate

Concen: 51.151 ng

RT: 11.880 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

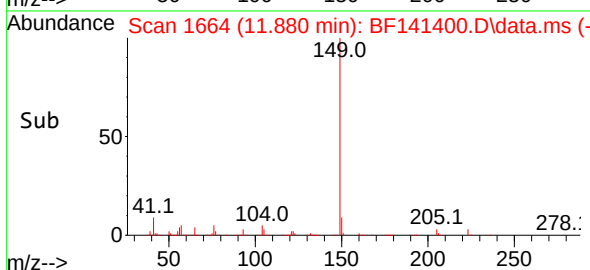
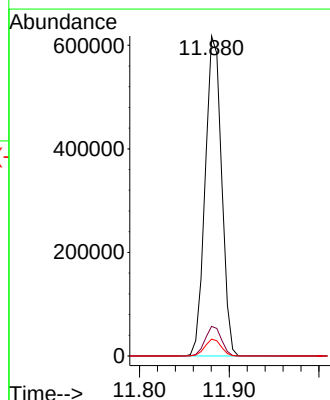
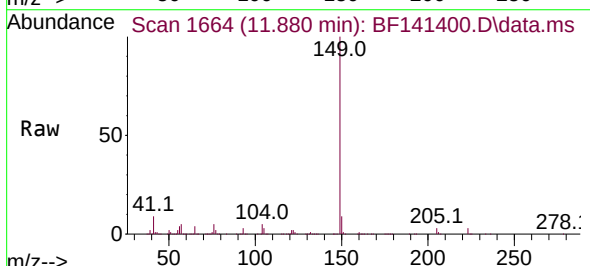
Tgt Ion:149 Resp: 782788

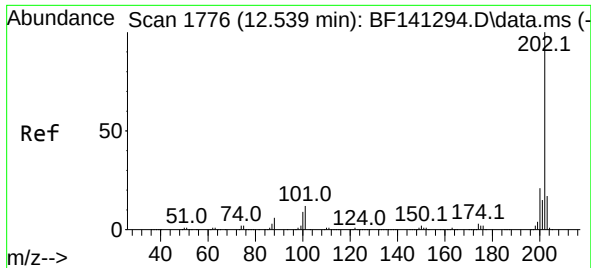
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.2 3.9 5.9





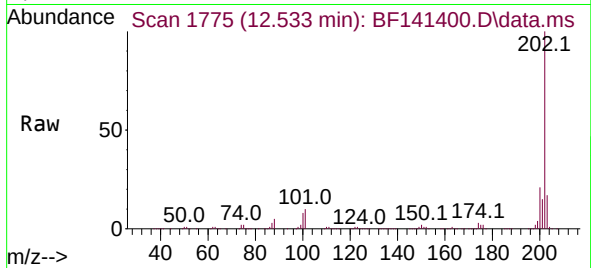
#75
Fluoranthene
Concen: 54.799 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

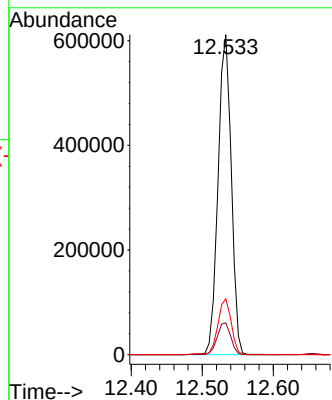
PB166483BS



Tgt Ion:202 Resp: 786408
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.7
203 17.5 0.0 37.5

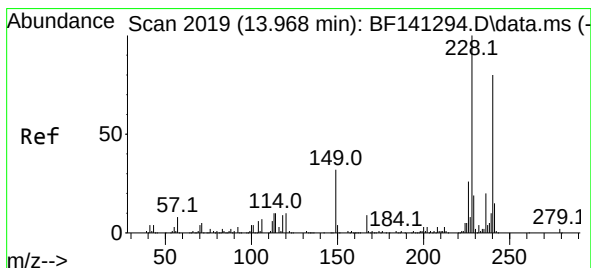
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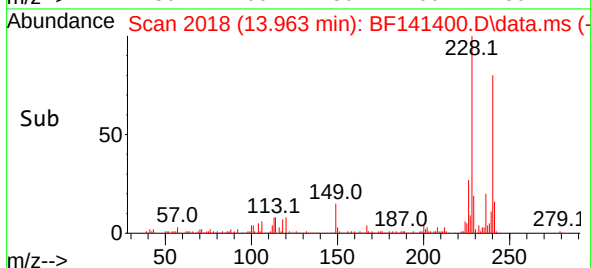
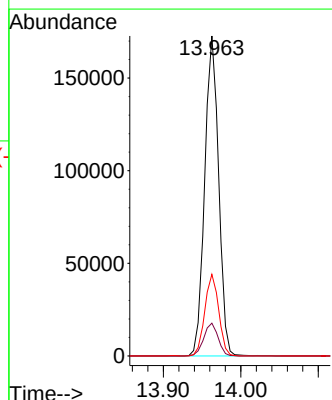
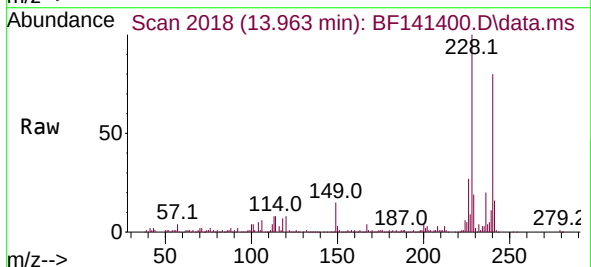
02/05/2025
Supervised By :mohammad
ahmed

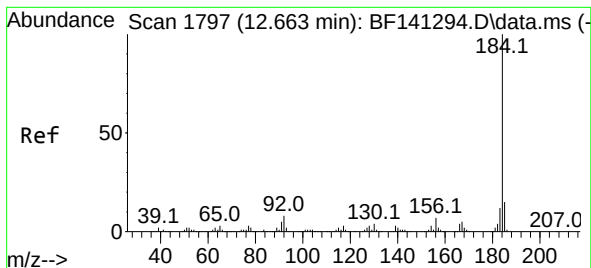
02/05/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:240 Resp: 215739
Ion Ratio Lower Upper
240 100
120 10.2 10.0 15.0
236 25.5 19.7 29.5





#77

Benzidine

Concen: 53.099 ng

RT: 12.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

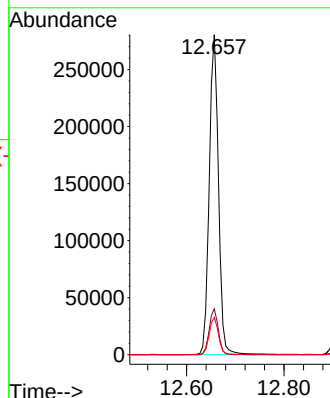
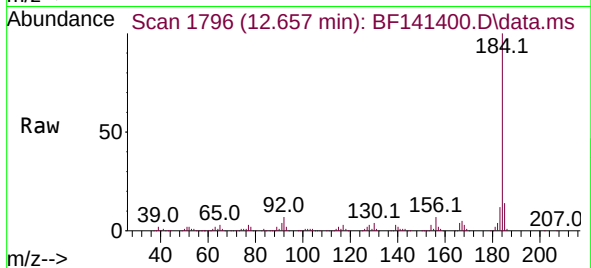
PB166483BS

Tgt Ion:184 Resp: 36724

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.9	17.9
183	11.7	9.5	14.3

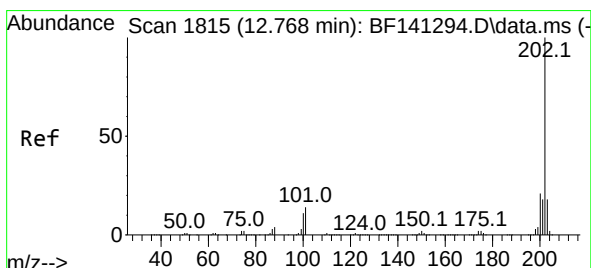
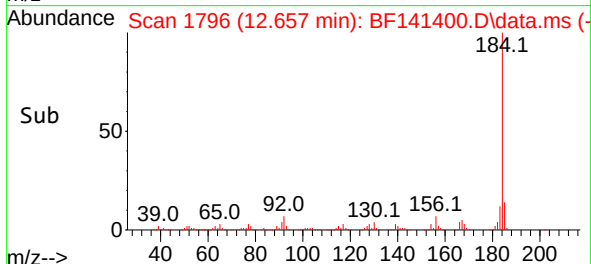
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#78

Pyrene

Concen: 38.998 ng

RT: 12.763 min Scan# 1814

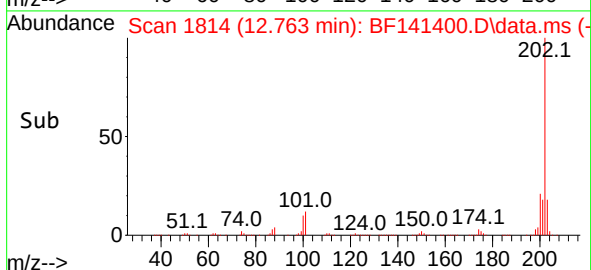
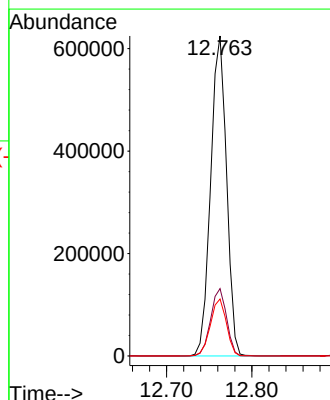
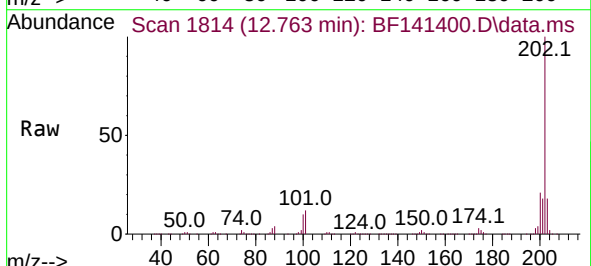
Delta R.T. -0.006 min

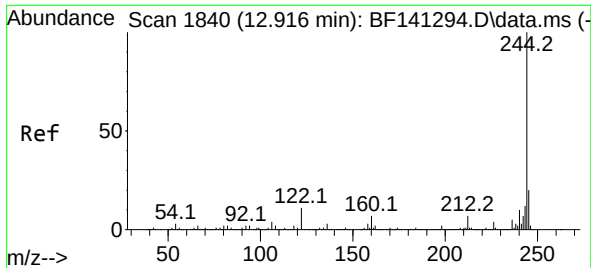
Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Tgt Ion:202 Resp: 807615

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.8	14.3	21.5





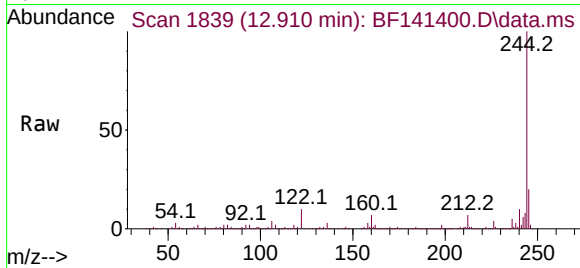
#79
 Terphenyl-d14
 Concen: 91.780 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141400.D
 Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

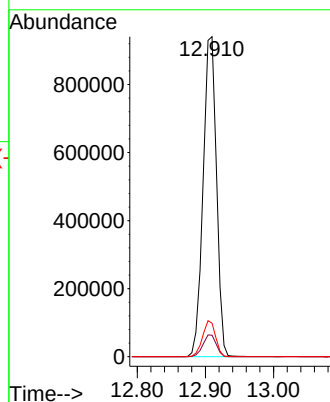
PB166483BS



Tgt Ion:244 Resp: 128392
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.4 8.8 13.2

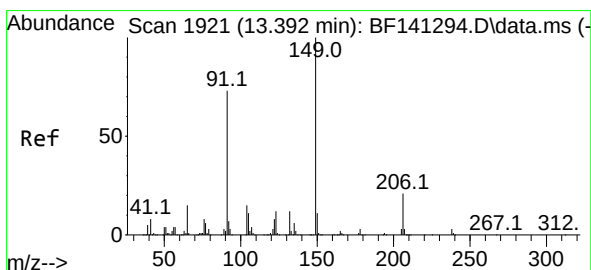
Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

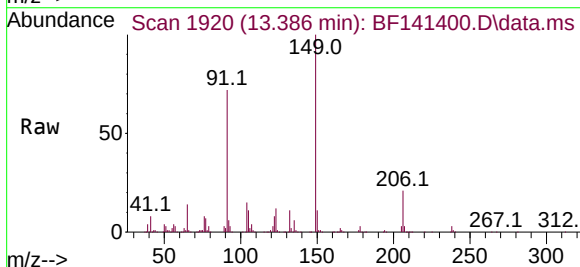


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 Supervised By :mohammad
 ahmed

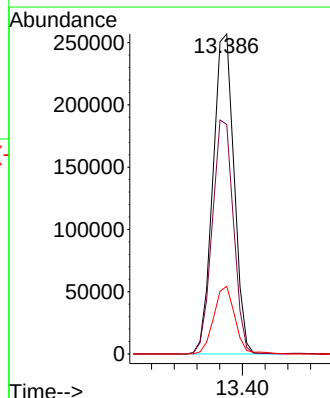
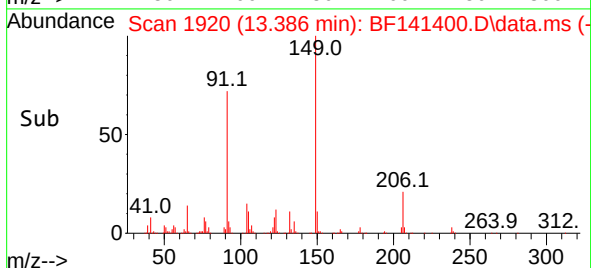
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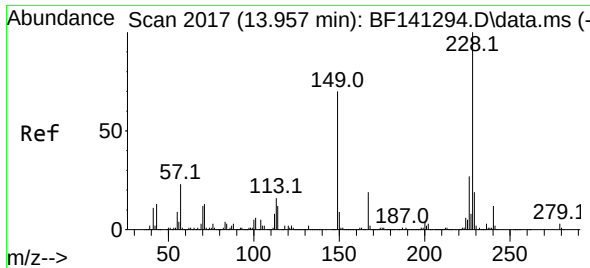


#80
 Butylbenzylphthalate
 Concen: 45.931 ng
 RT: 13.386 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF141400.D
 Acq: 04 Feb 2025 11:35



Tgt Ion:149 Resp: 332305
 Ion Ratio Lower Upper
 149 100
 91 71.7 58.6 87.8
 206 21.1 16.7 25.1





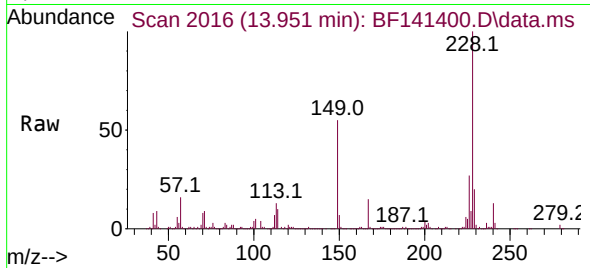
#81
Benzo(a)anthracene
Concen: 44.894 ng
RT: 13.951 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

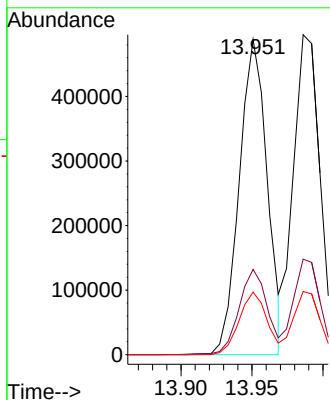
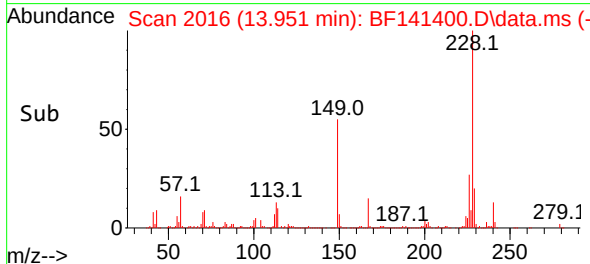
PB166483BS



Tgt Ion:228 Resp: 66835
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.8 15.5 23.3

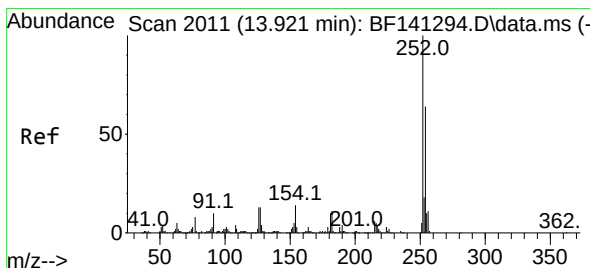
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

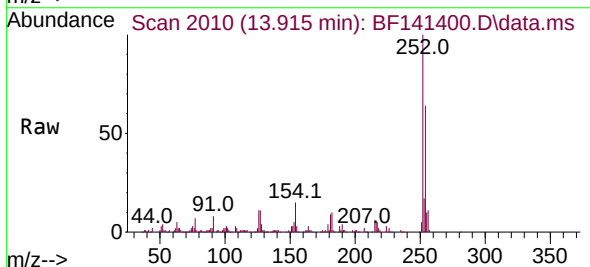


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Supervised By :mohammad
ahmed

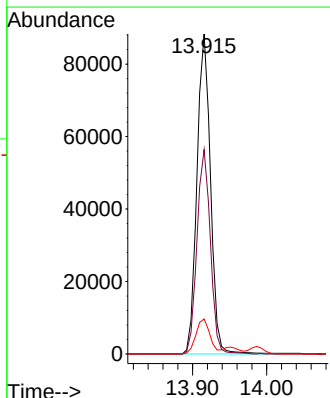
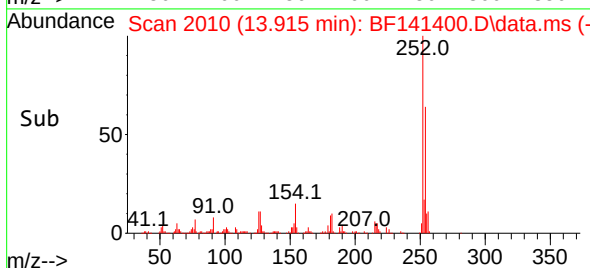
02/05/2025

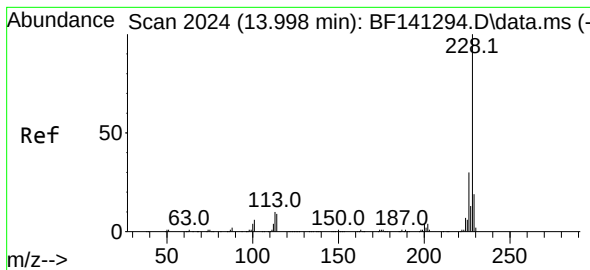


#82
3,3'-Dichlorobenzidine
Concen: 23.646 ng
RT: 13.915 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35



Tgt Ion:252 Resp: 111961
Ion Ratio Lower Upper
252 100
254 63.9 51.3 76.9
126 11.0 10.0 15.0





#83

Chrysene

Concen: 47.197 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

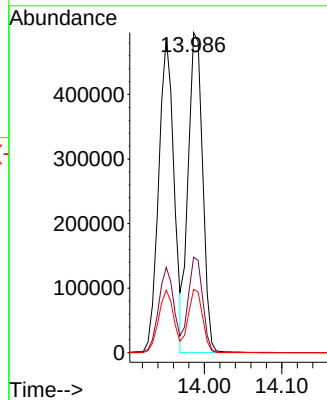
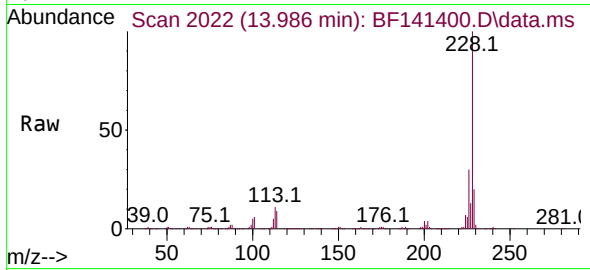
PB166483BS

Tgt Ion:228 Resp: 643939
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.1 36.1
 229 19.8 15.6 23.4

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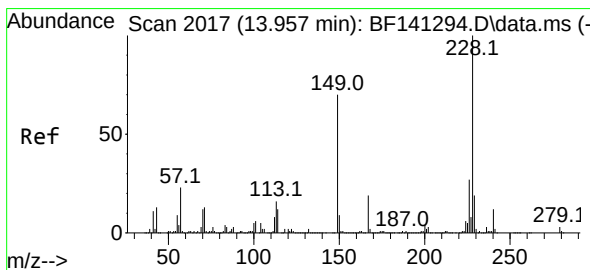
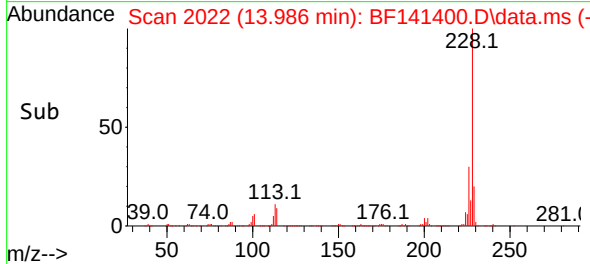
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Reviewed By :Yogesh
 Patel



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 Supervised By :mohammad
 ahmed

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#84

Bis(2-ethylhexyl)phthalate

Concen: 47.699 ng

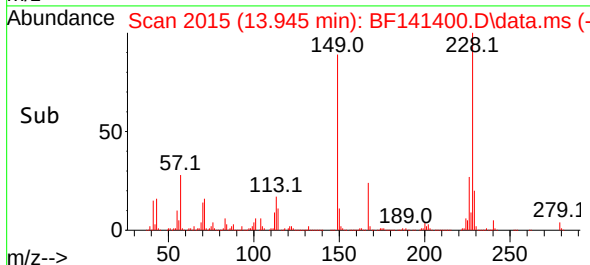
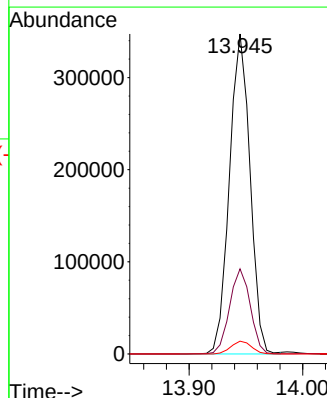
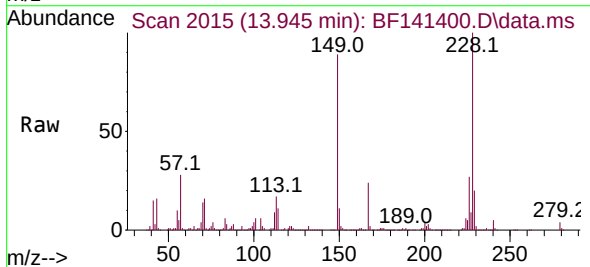
RT: 13.945 min Scan# 2015

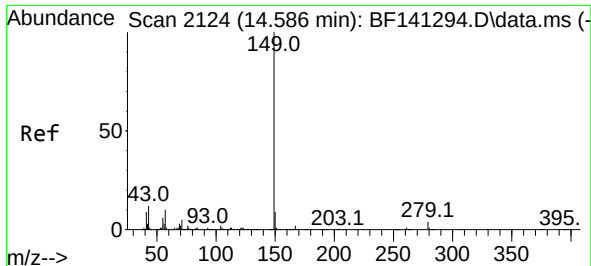
Delta R.T. -0.012 min

Lab File: BF141400.D

Acq: 04 Feb 2025 11:35

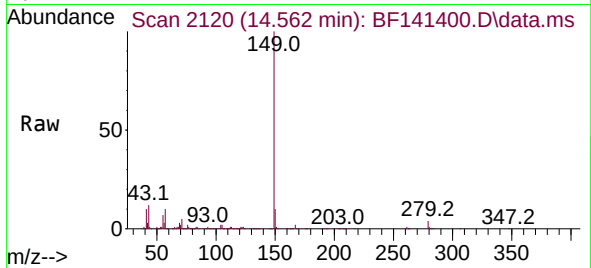
Tgt Ion:149 Resp: 437769
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.8 32.8
 279 4.0 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 50.097 ng
RT: 14.562 min Scan# 2120
Delta R.T. -0.024 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

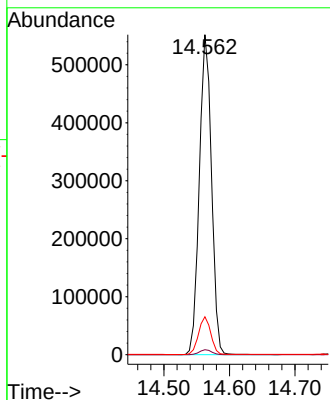
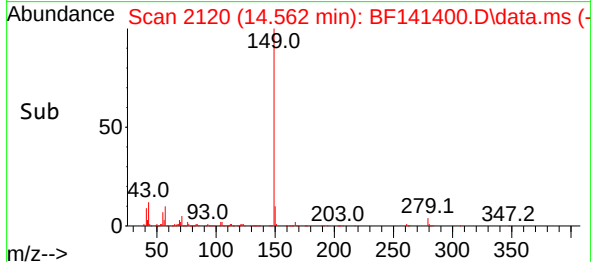
Instrument :
BNA_F
ClientSampleId :
PB166483BS



Tgt Ion:149 Resp: 714110
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 9.8 14.8

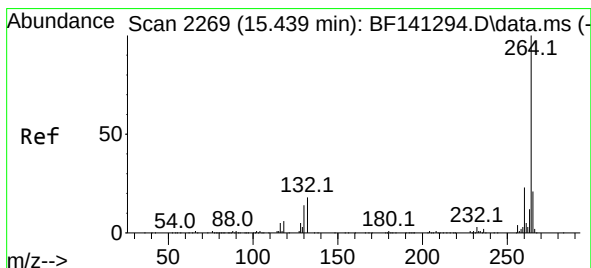
Manual Integrations
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Reviewed By :Yogesh
Patel

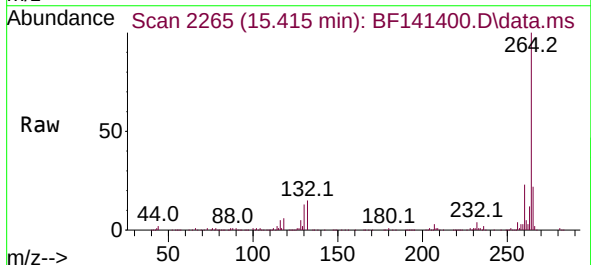


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ahmed

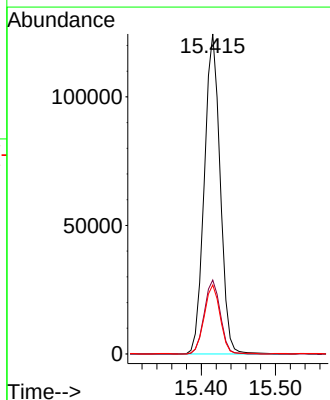
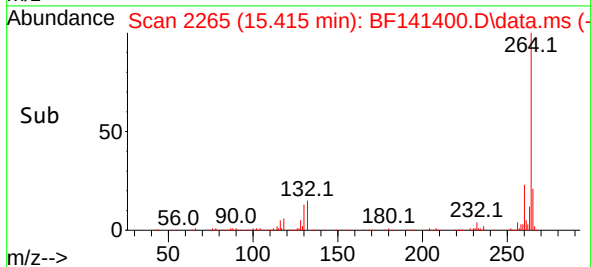
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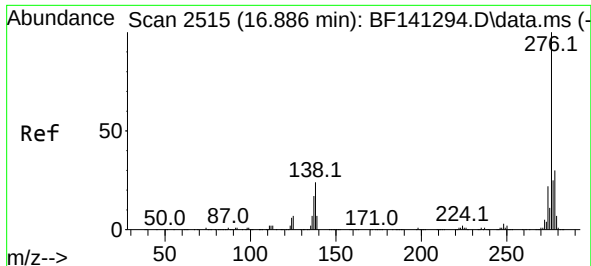


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2265
Delta R.T. -0.024 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35



Tgt Ion:264 Resp: 184626
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.5 16.7 25.1





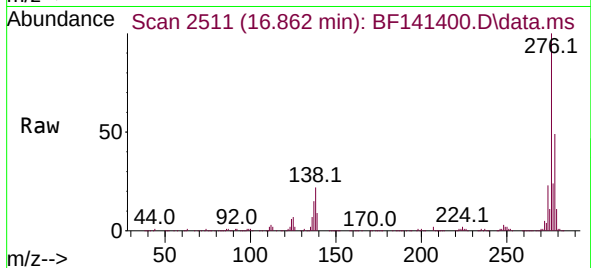
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.115 ng
RT: 16.862 min Scan# 2194
Delta R.T. -0.035 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

ClientSampleId :

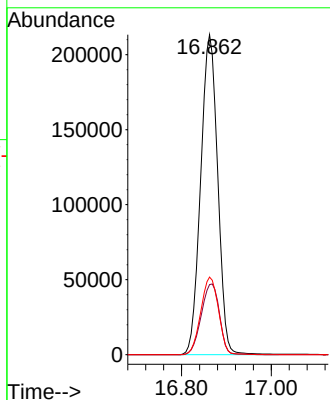
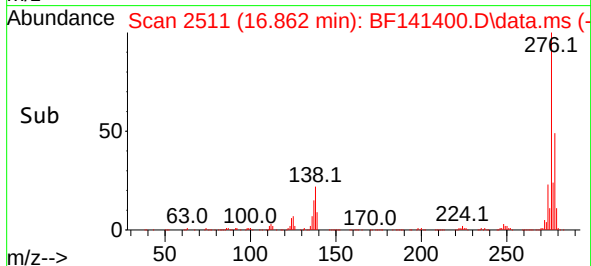
PB166483BS



Tgt Ion:276 Resp: 561438
Ion Ratio Lower Upper
276 100
138 23.6 21.7 32.5
277 25.2 20.3 30.5

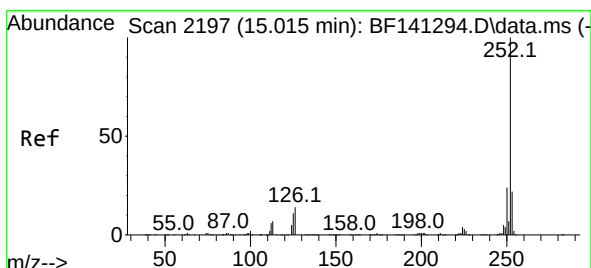
Manual Integrations
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Patel

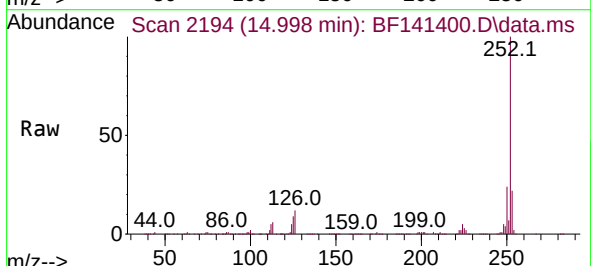


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Supervised By :mohammad
ahmed

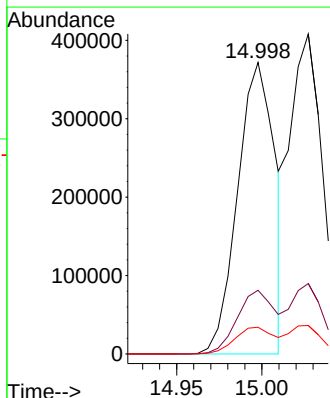
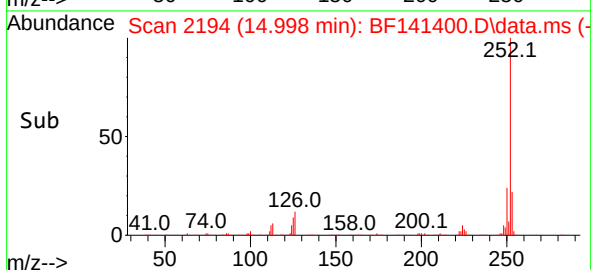
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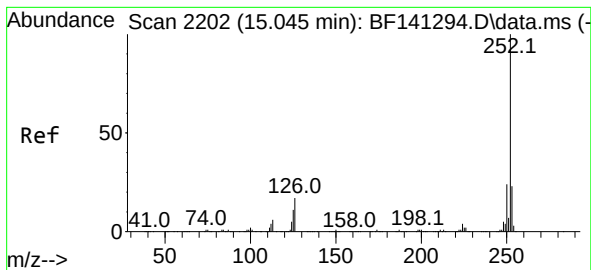


#88
Benzo(b)fluoranthene
Concen: 48.504 ng
RT: 14.998 min Scan# 2194
Delta R.T. -0.024 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35



Tgt Ion:252 Resp: 563297
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.2 8.6 12.8





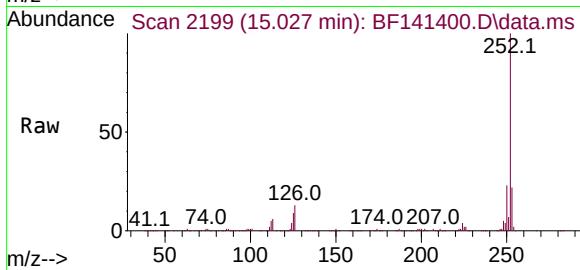
#89
Benzo(k)fluoranthene
Concen: 53.051 ng
RT: 15.027 min Scan# 2199
Delta R.T. -0.024 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNF

ClientSampleId :

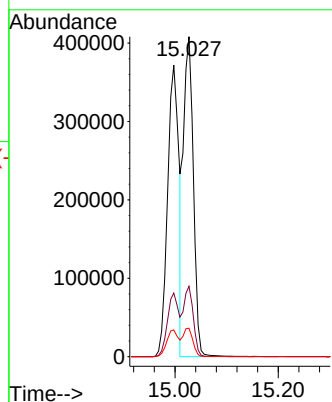
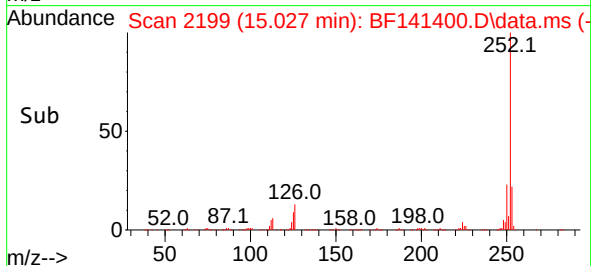
PB166483BS



Tgt Ion:252 Resp: 545792
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 8.9 8.4 12.6

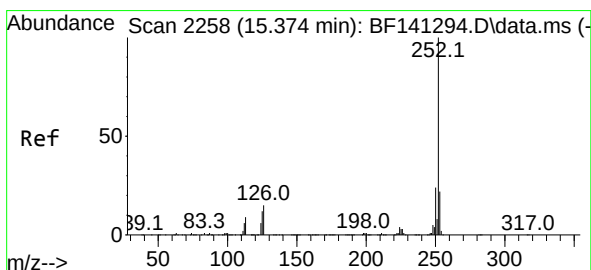
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



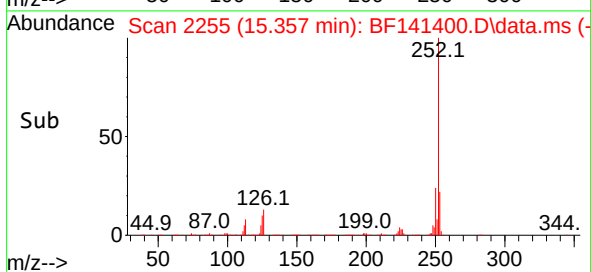
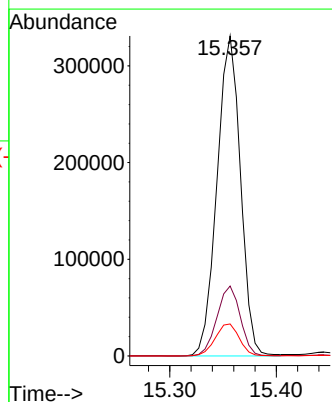
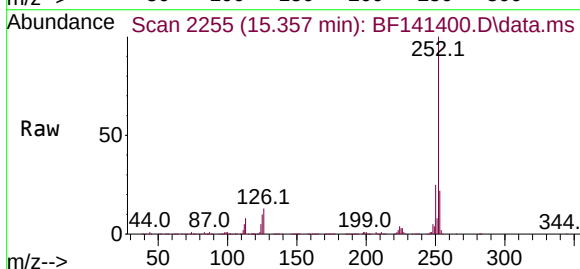
02/05/2025
Supervised By :mohammad
ahmed

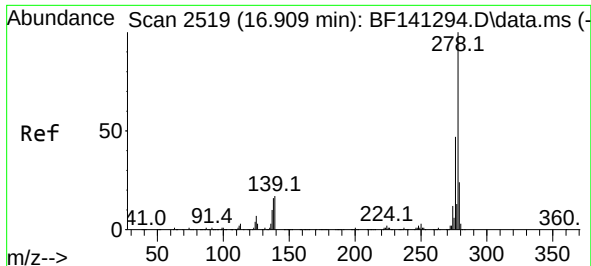
02/05/2025



#90
Benzo(a)pyrene
Concen: 51.607 ng
RT: 15.357 min Scan# 2255
Delta R.T. -0.024 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:252 Resp: 506470
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.0 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 47.116 ng
RT: 16.880 min Scan# 2519
Delta R.T. -0.041 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Instrument :

BNA_F

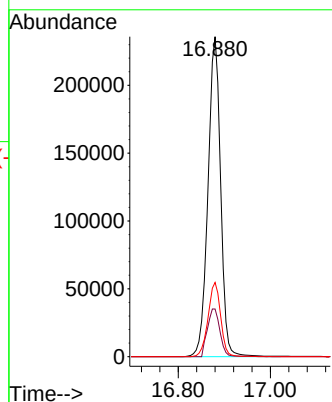
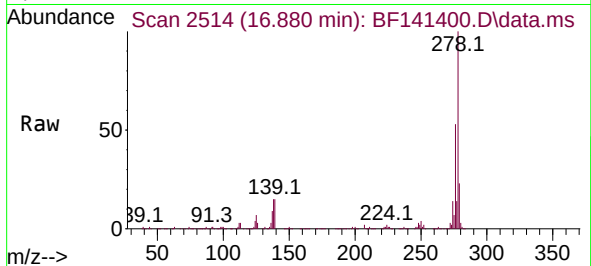
ClientSampleId :

PB166483BS

Tgt Ion:278 Resp: 45170
Ion Ratio Lower Upper
278 100
139 14.9 13.9 20.9
279 23.2 18.8 28.2

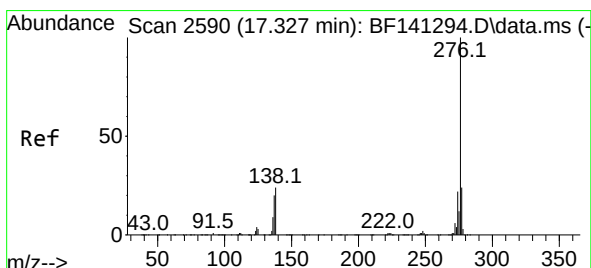
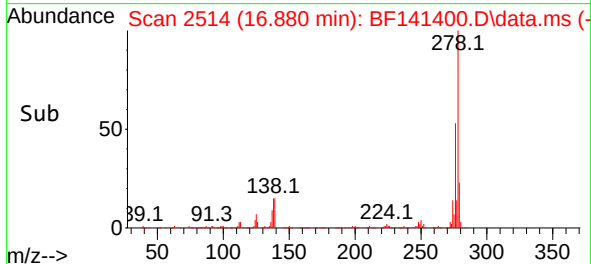
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



02/05/2025
Supervised By :mohammad
ahmed

02/05/2025



#92
Benzo(g,h,i)perylene
Concen: 43.702 ng
RT: 17.298 min Scan# 2585
Delta R.T. -0.047 min
Lab File: BF141400.D
Acq: 04 Feb 2025 11:35

Tgt Ion:276 Resp: 435645
Ion Ratio Lower Upper
276 100
277 23.3 19.2 28.8
138 19.6 19.0 28.4

