

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
 Data File : BF139517.D
 Acq On : 24 Sep 2024 13:29
 Operator : RC/JU
 Sample : PB163555BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB163555BS

Manual Integrations

APPROVED

Reviewed By :Yogesh

Patel

09/25/2024

Supervised By :mohammad

ahmed

09/25/2024

Quant Time: Sep 24 13:53:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	71567	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	261697	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	142541	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	268800	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	134801	20.000	ng	0.00
86) Perylene-d12	15.510	264	142178	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	547782	124.865	ng	0.01
7) Phenol-d6	6.510	99	707155	122.808	ng	0.00
23) Nitrobenzene-d5	7.439	82	470318	84.488	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	184016	121.261	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	847277	83.367	ng	0.00
79) Terphenyl-d14	12.980	244	813829	99.095	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	76047	43.207	ng	95
3) Pyridine	3.487	79	194076	50.012	ng	97
4) n-Nitrosodimethylamine	3.446	42	139948	41.608	ng	# 83
6) Aniline	6.540	93	207689	47.794	ng	# 81
8) 2-Chlorophenol	6.663	128	207717	45.997	ng	98
9) Benzaldehyde	6.428	77	34726	10.438	ng	95
10) Phenol	6.528	94	273562	46.646	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	215535	48.354	ng	100
12) 1,3-Dichlorobenzene	6.816	146	224565	43.726	ng	99
13) 1,4-Dichlorobenzene	6.892	146	227290	43.795	ng	99
14) 1,2-Dichlorobenzene	7.045	146	218287	44.512	ng	97
15) Benzyl Alcohol	7.022	79	195284	42.508	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	362460	52.763	ng	98
17) 2-Methylphenol	7.134	107	164577	45.870	ng	99
18) Hexachloroethane	7.387	117	84819	42.908	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	155028	45.433	ng	99
20) 3+4-Methylphenols	7.287	107	210368	42.976	ng	# 87
22) Acetophenone	7.287	105	289270	42.281	ng	98
24) Nitrobenzene	7.457	77	243505	42.502	ng	99
25) Isophorone	7.698	82	408952	46.452	ng	99
26) 2-Nitrophenol	7.775	139	108227	48.487	ng	91
27) 2,4-Dimethylphenol	7.810	122	163621m	55.571	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	235722	46.980	ng	98
29) 2,4-Dichlorophenol	8.022	162	169845	45.408	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	181134	41.561	ng	98
31) Naphthalene	8.181	128	614537	44.981	ng	100
32) Benzoic acid	7.928	122	116252	42.191	ng	91
33) 4-Chloroaniline	8.239	127	73050	17.478	ng	98
34) Hexachlorobutadiene	8.292	225	121733	41.113	ng	99
35) Caprolactam	8.592	113	56349m	48.973	ng	
36) 4-Chloro-3-methylphenol	8.716	107	188938	44.198	ng	98
37) 2-Methylnaphthalene	8.869	142	391477	45.144	ng	98
38) 1-Methylnaphthalene	8.969	142	362832	42.618	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	185711	43.961	ng	99
41) Hexachlorocyclopentadiene	9.022	237	220644	149.588	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	124026	45.126	ng	99

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Manual Integrations
 APPROVED

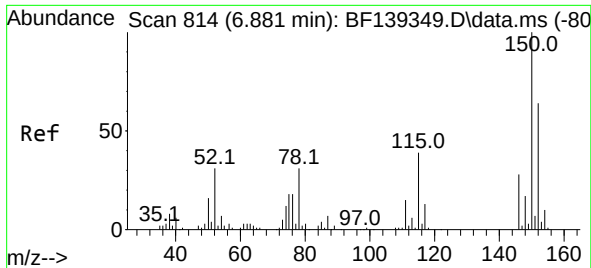
Reviewed By :Yogesh
 Patel
 09/25/2024

Supervised By :mohammad
 ahmed
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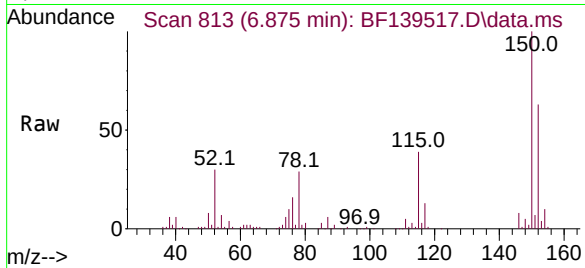
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	130401	44.979	ng	97
46) 1,1'-Biphenyl	9.333	154	482435	43.993	ng	99
47) 2-Chloronaphthalene	9.363	162	361019	44.030	ng	99
48) 2-Nitroaniline	9.457	65	137943	45.232	ng	98
49) Acenaphthylene	9.775	152	597628	48.421	ng	99
50) Dimethylphthalate	9.633	163	428435	45.795	ng	100
51) 2,6-Dinitrotoluene	9.698	165	94506	45.599	ng	94
52) Acenaphthene	9.951	154	427550	49.634	ng	100
53) 3-Nitroaniline	9.869	138	66820	32.260	ng	93
54) 2,4-Dinitrophenol	9.980	184	108167	93.662	ng	# 83
55) Dibenzofuran	10.122	168	544740	45.371	ng	96
56) 4-Nitrophenol	10.033	139	153593	89.617	ng	# 82
57) 2,4-Dinitrotoluene	10.104	165	131485	46.991	ng	95
58) Fluorene	10.463	166	427193	43.608	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	111225	46.378	ng	96
60) Diethylphthalate	10.333	149	435491	45.107	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	204005	42.851	ng	94
62) 4-Nitroaniline	10.480	138	97247	43.019	ng	89
63) Azobenzene	10.616	77	438886	46.219	ng	94
65) 4,6-Dinitro-2-methylph...	10.510	198	70172	49.463	ng	95
66) n-Nitrosodiphenylamine	10.575	169	372679	47.422	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	123349	46.307	ng	97
68) Hexachlorobenzene	11.010	284	140221	44.853	ng	98
69) Atrazine	11.098	200	116299	62.161	ng	99
70) Pentachlorophenol	11.204	266	154740	82.490	ng	99
71) Phenanthrene	11.427	178	611869	47.181	ng	100
72) Anthracene	11.475	178	626602	49.418	ng	99
73) Carbazole	11.633	167	561414	46.262	ng	99
74) Di-n-butylphthalate	11.957	149	635519	47.010	ng	99
75) Fluoranthene	12.610	202	619367	44.722	ng	98
77) Benzidine	12.733	184	107290	55.553	ng	99
78) Pyrene	12.839	202	618617	53.447	ng	99
80) Butylbenzylphthalate	13.457	149	193877	49.211	ng	97
81) Benzo(a)anthracene	14.027	228	433155	48.510	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	98449	37.649	ng	98
83) Chrysene	14.063	228	394130	47.977	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	223975	44.689	ng	99
85) Di-n-octyl phthalate	14.627	149	341939	46.327	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	462802	54.742	ng	96
88) Benzo(b)fluoranthene	15.080	252	399158	45.521	ng	99
89) Benzo(k)fluoranthene	15.110	252	371434	45.942	ng	99
90) Benzo(a)pyrene	15.445	252	374496	51.497	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	374530	53.611	ng	97
92) Benzo(g,h,i)perylene	17.439	276	354471	51.246	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :
BNA_F
ClientSampleId :
PB163555BS

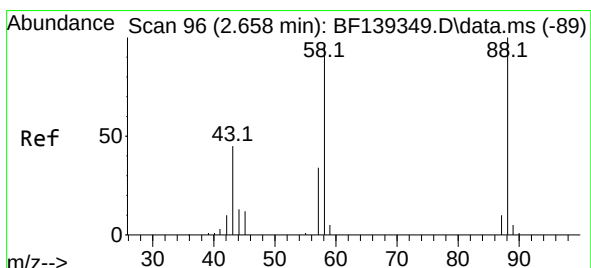
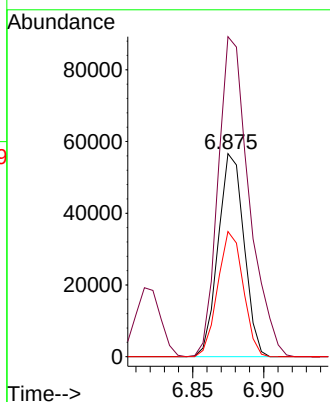
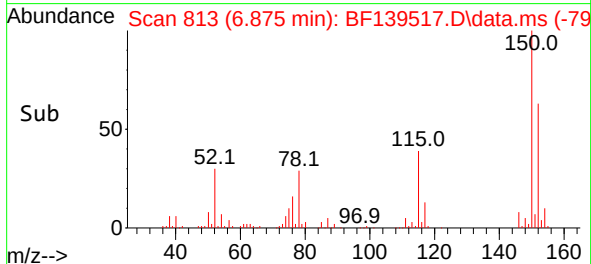


Tgt Ion: 152 Resp: 7156
Ion Ratio Lower Upper
152 100
150 157.6 124.1 186.1
115 61.6 48.1 72.1

Manual Integrations
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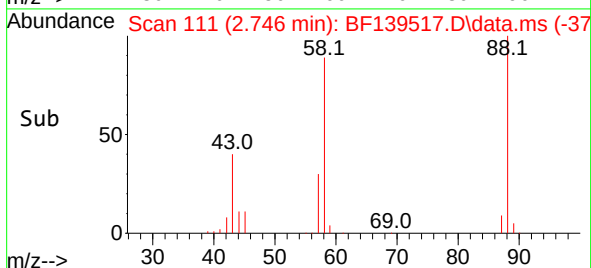
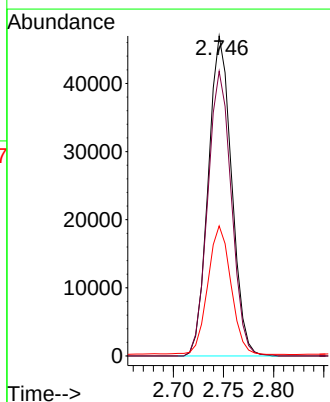
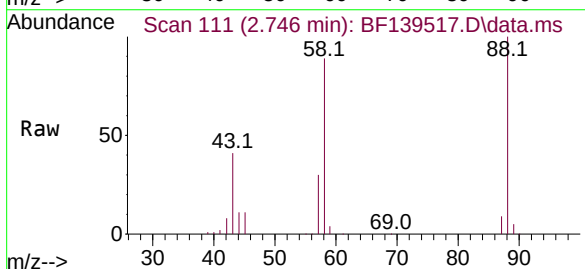
Reviewed By :Yogesh
Patel
09/25/2024

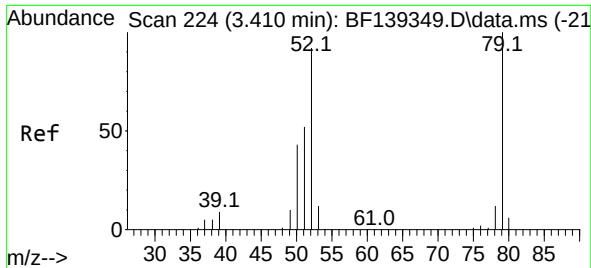
Supervised By :mohammad
ahmed
09/25/2024



#2
1,4-Dioxane
Concen: 43.207 ng
RT: 2.746 min Scan# 111
Delta R.T. 0.088 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion: 88 Resp: 76047
Ion Ratio Lower Upper
88 100
58 90.0 74.8 112.2
43 40.3 36.4 54.6





#3

Pyridine

Concen: 50.012 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.076 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

Tgt Ion: 79 Resp: 194076

Ion Ratio Lower Upper

79 100

52 91.2 73.8 110.8

51 47.1 41.8 62.6

Manual Integrations

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Reviewed By :Yogesh

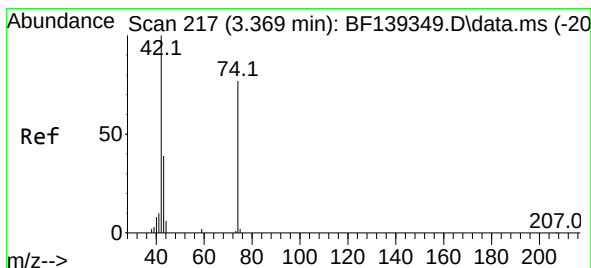
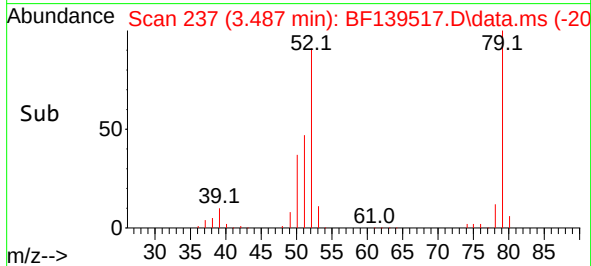
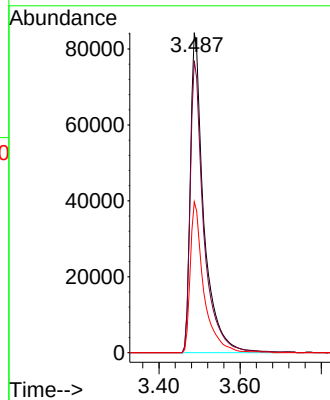
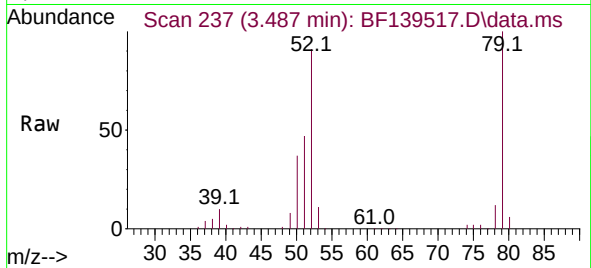
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09/25/2024



#4

n-Nitrosodimethylamine

Concen: 41.608 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.076 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

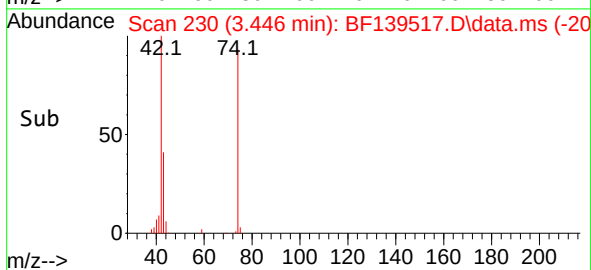
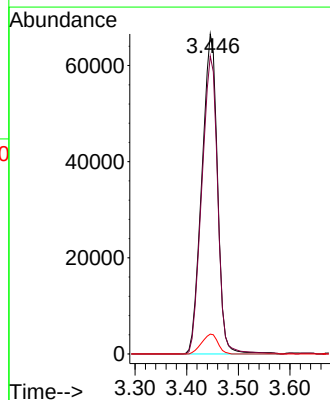
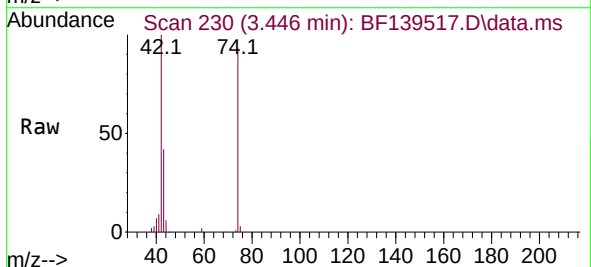
Tgt Ion: 42 Resp: 139948

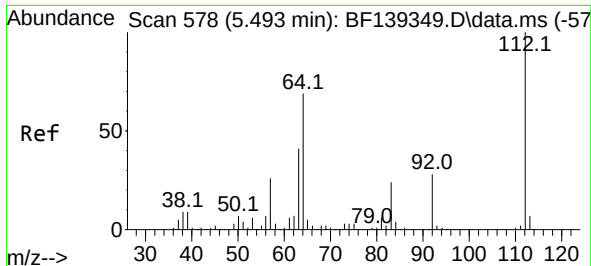
Ion Ratio Lower Upper

42 100

74 93.1 61.8 92.8#

44 6.2 4.8 7.2





#5
2-Fluorophenol
Concen: 124.865 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

Tgt Ion:112 Resp: 54778
Ion Ratio Lower Upper
112 100
64 70.7 54.8 82.2
63 39.3 33.0 49.4

Manual Integrations
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Reviewed By :Yogesh

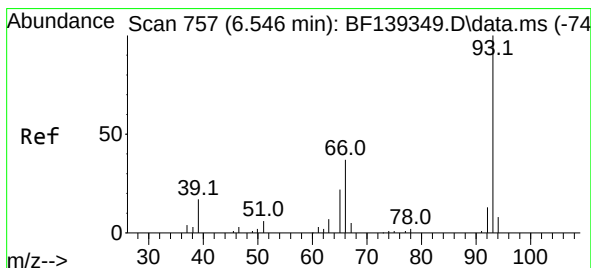
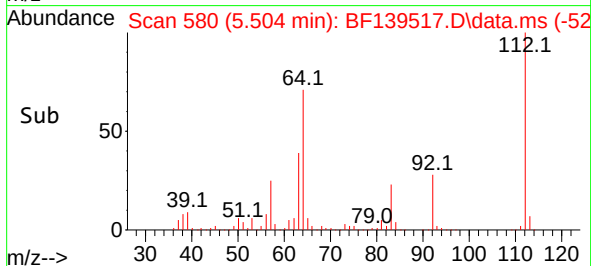
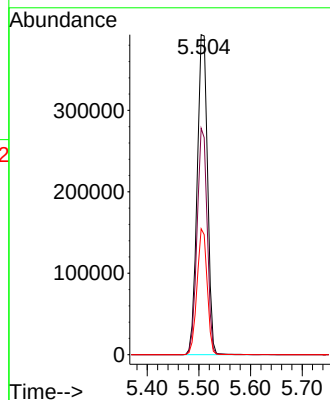
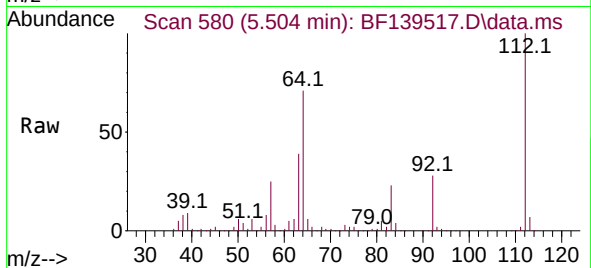
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Supervised By :mohammad

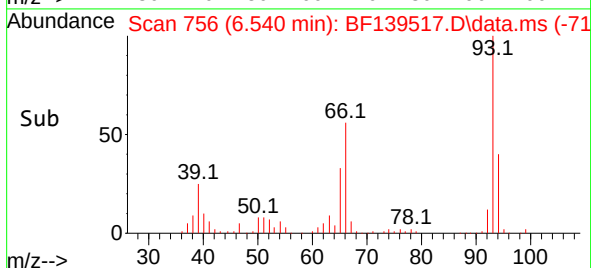
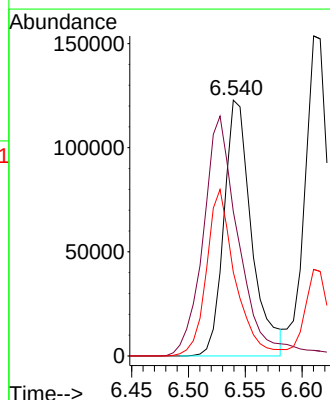
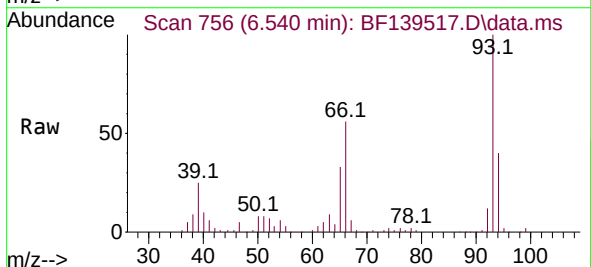
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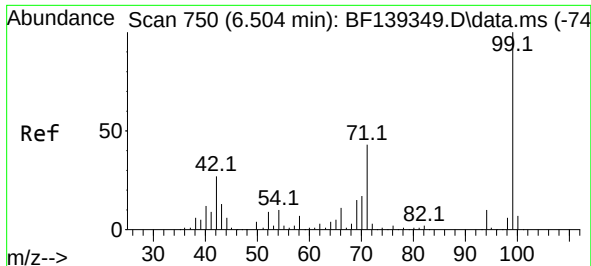
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#6
Aniline
Concen: 47.794 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion: 93 Resp: 207689
Ion Ratio Lower Upper
93 100
66 56.4 35.4 53.0#
65 32.7 18.2 27.4#





#7

Phenol-d6

Concen: 122.808 ng

RT: 6.510 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

Tgt Ion: 99 Resp: 70715

Ion	Ratio	Lower	Upper
99	100		
42	24.3	21.9	32.9
71	38.7	34.6	52.0

Manual Integrations

APPROVED

Reviewed By :Yogesh

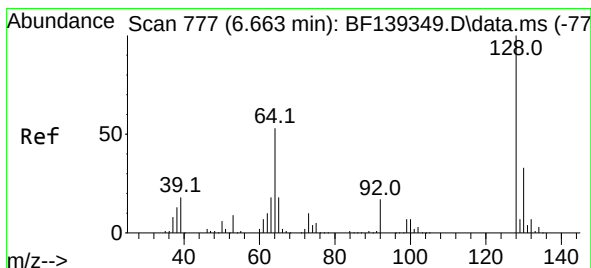
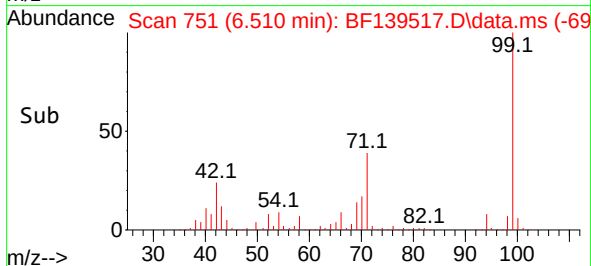
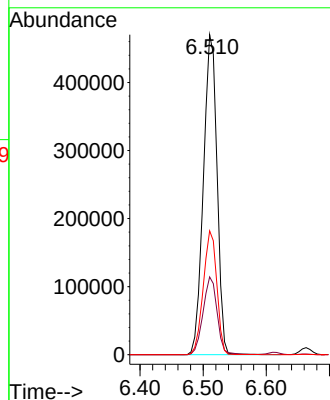
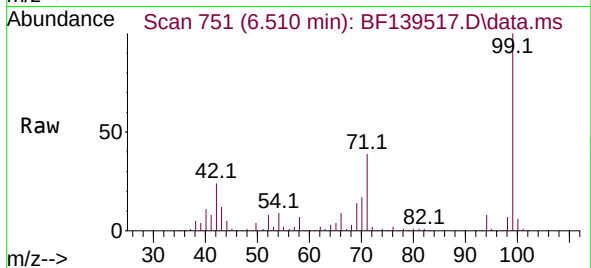
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#8

2-Chlorophenol

Concen: 45.997 ng

RT: 6.663 min Scan# 777

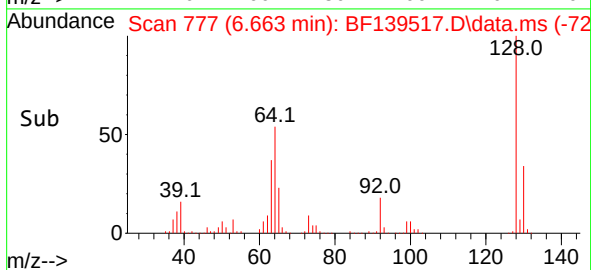
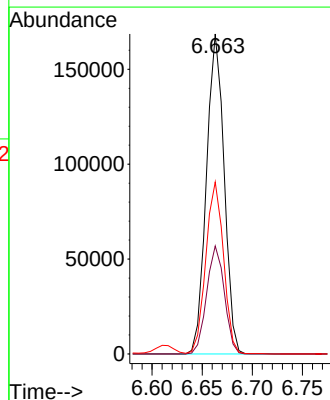
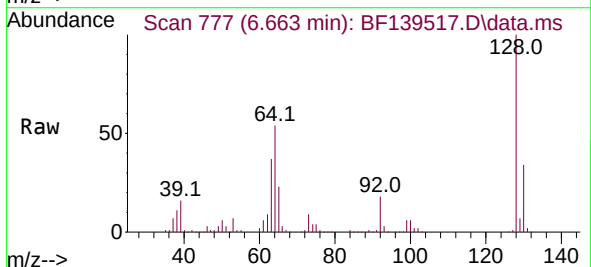
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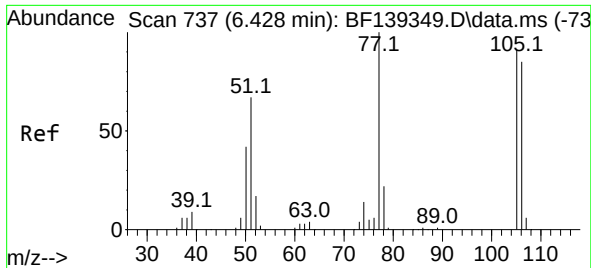
Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Tgt Ion:128 Resp: 207717

Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.8	52.8
64	53.8	35.1	75.1





#9

Benzaldehyde

Concen: 10.438 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

Tgt Ion: 77	Resp: 34720
Ion Ratio	Lower Upper
77 100	
105 92.1	71.0 111.0
106 92.7	64.9 104.9

Manual Integrations

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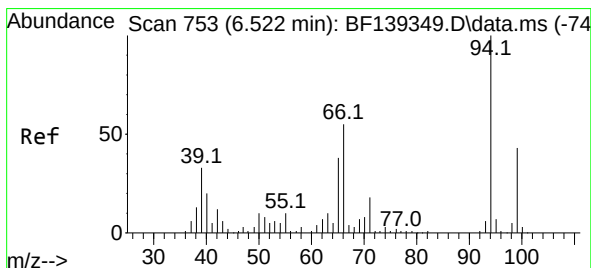
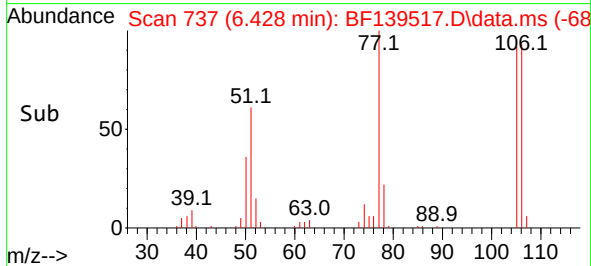
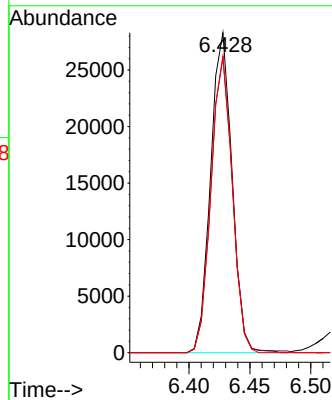
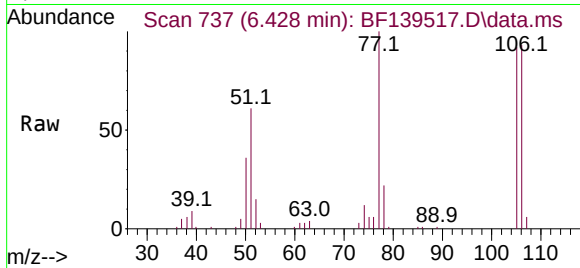
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#10

Phenol

Concen: 46.646 ng

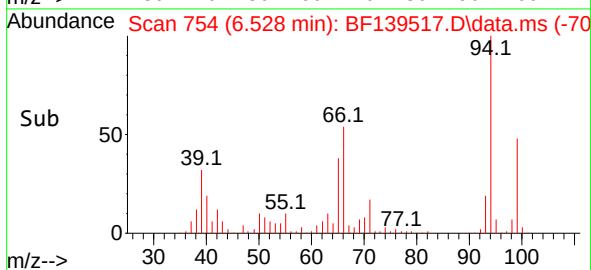
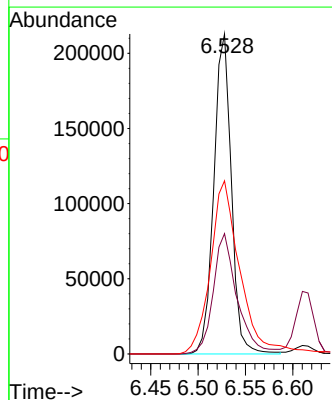
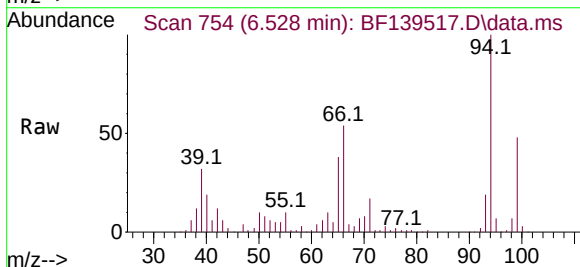
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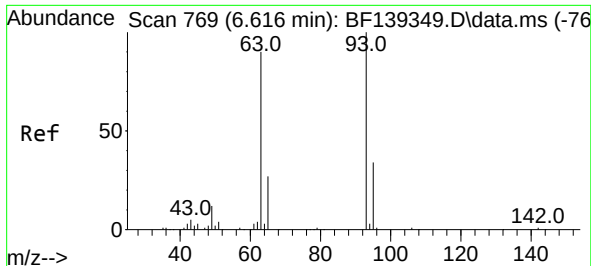
Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Tgt Ion: 94	Resp: 273562
Ion Ratio	Lower Upper
94 100	
65 37.6	17.6 57.6
66 54.1	35.2 75.2





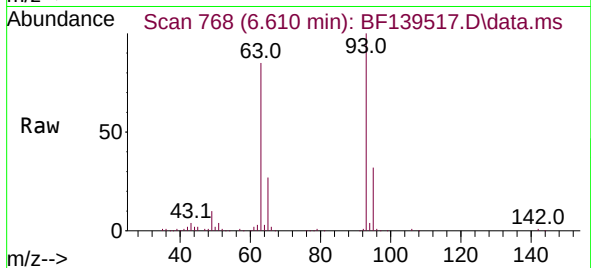
#11
bis(2-Chloroethyl)ether
Concen: 48.354 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion: 93 Resp: 21553
Ion Ratio Lower Upper
93 100
63 85.2 65.3 105.3
95 31.9 12.4 52.4

Manual Integrations
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Reviewed By :Yogesh

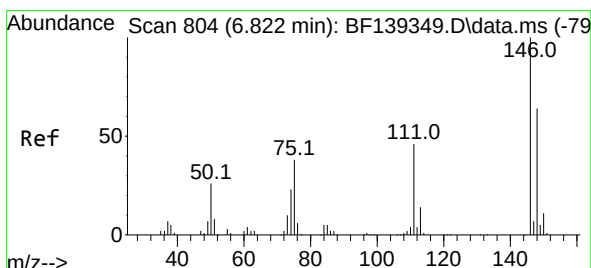
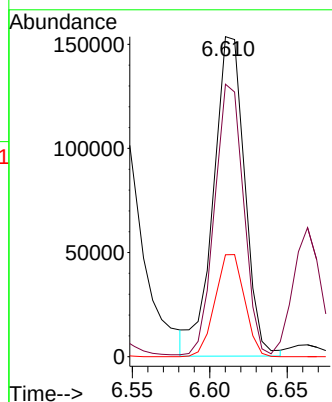
Patel

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Supervised By :mohammad

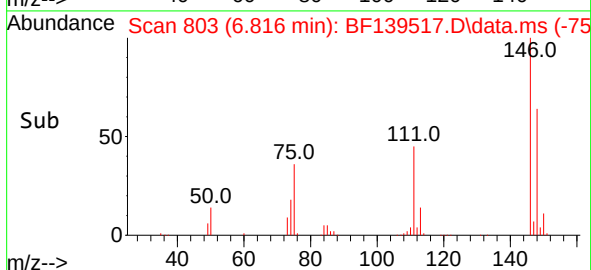
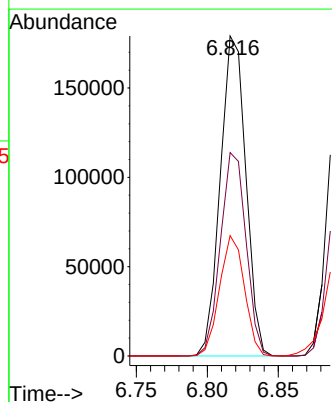
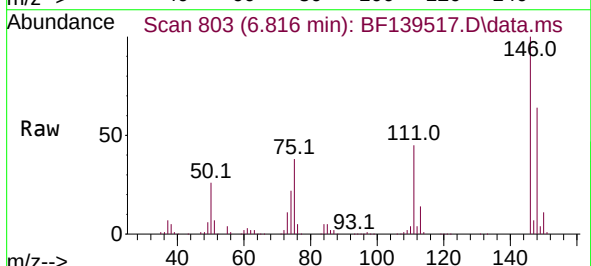
ahmed

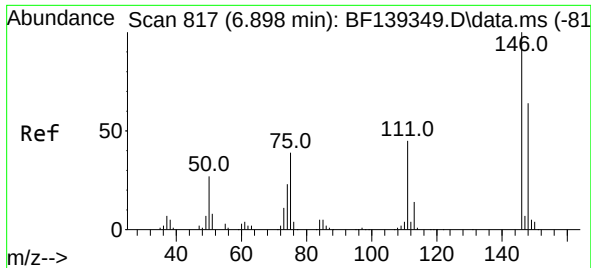
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#12
1,3-Dichlorobenzene
Concen: 43.726 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:146 Resp: 224565
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
75 37.6 30.6 46.0





#13
1,4-Dichlorobenzene
Concen: 43.795 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

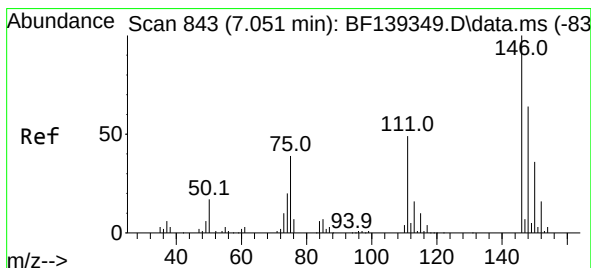
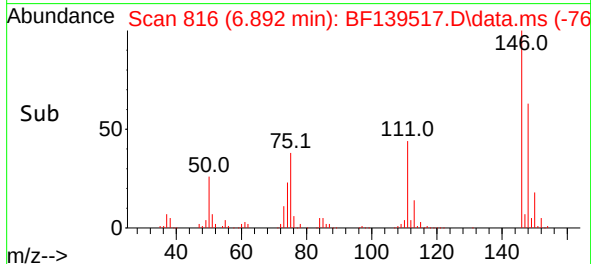
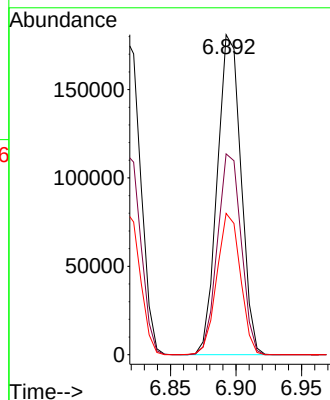
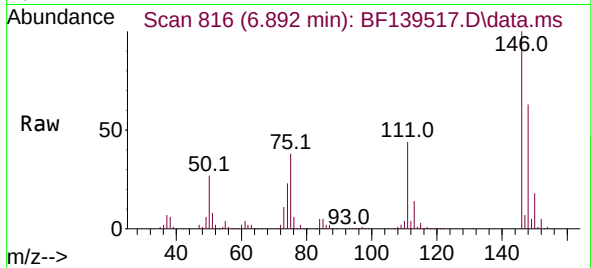
Instrument :
BNA_F
ClientSampleId :
PB163555BS

Tgt Ion:146 Resp: 227290
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
111 44.2 36.3 54.5

Manual Integrations
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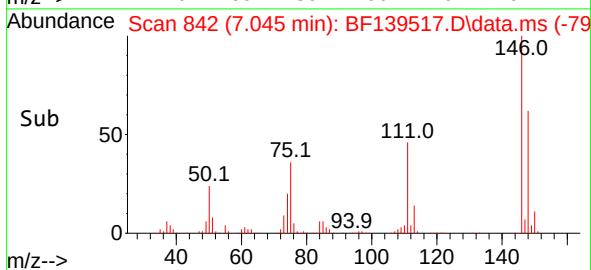
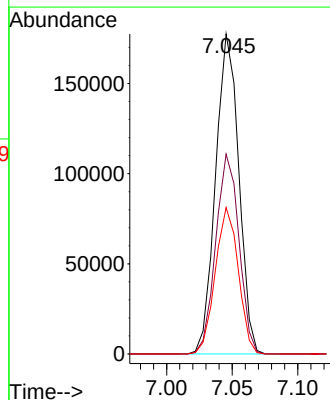
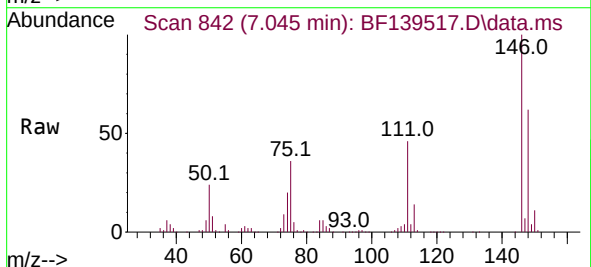
Reviewed By :Yogesh
Patel
09/25/2024

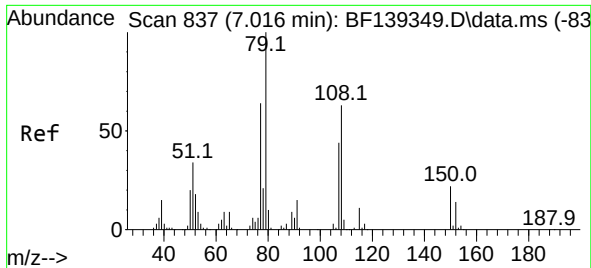
Supervised By :mohammad
ahmed
09/25/2024



#14
1,2-Dichlorobenzene
Concen: 44.512 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

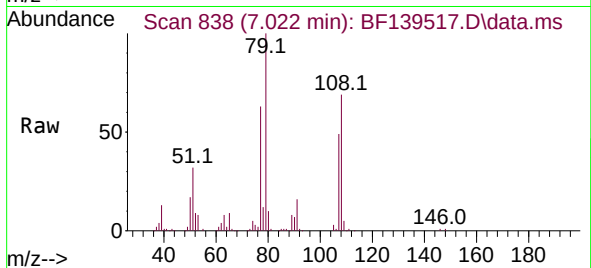
Tgt Ion:146 Resp: 218287
Ion Ratio Lower Upper
146 100
148 62.4 50.9 76.3
111 45.7 38.9 58.3





#15
Benzyl Alcohol
Concen: 42.508 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :
BNA_F
ClientSampleId :
PB163555BS

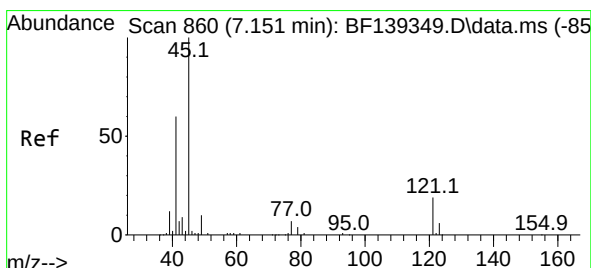
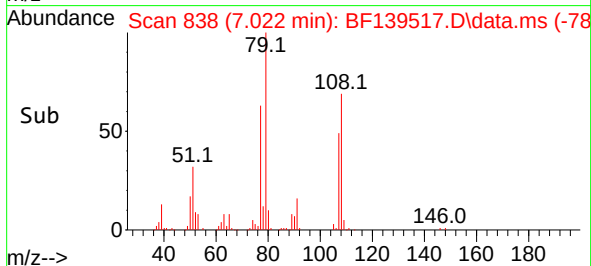
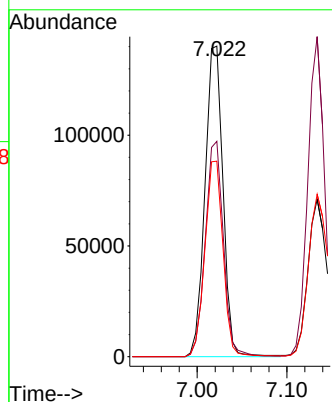


Tgt Ion: 79 Resp: 195284
Ion Ratio Lower Upper
79 100
108 69.4 50.4 75.6
77 63.0 51.4 77.2

Manual Integrations
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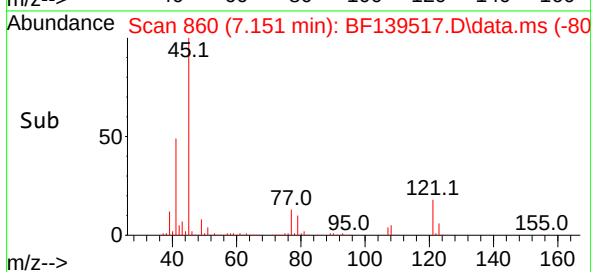
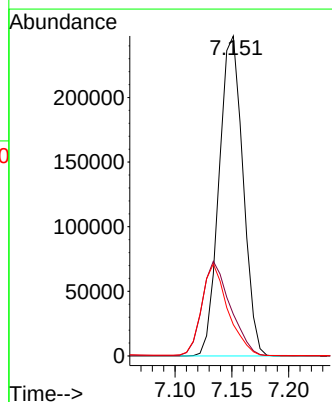
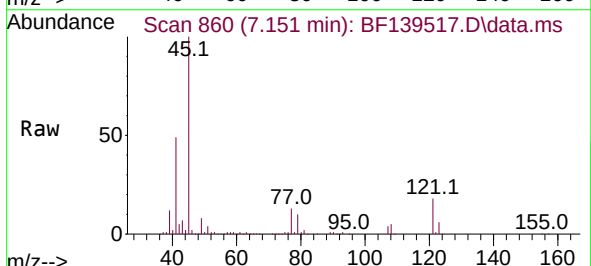
Reviewed By :Yogesh
Patel
09/25/2024

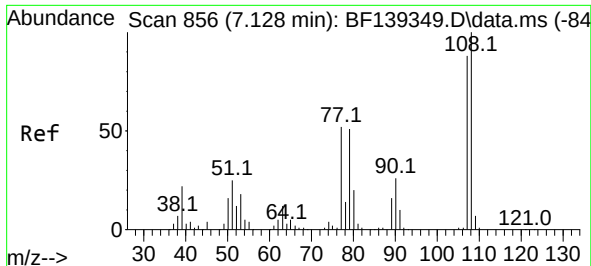
Supervised By :mohammad
ahmed
09/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.763 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion: 45 Resp: 362460
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.0
79 9.8 0.0 29.1





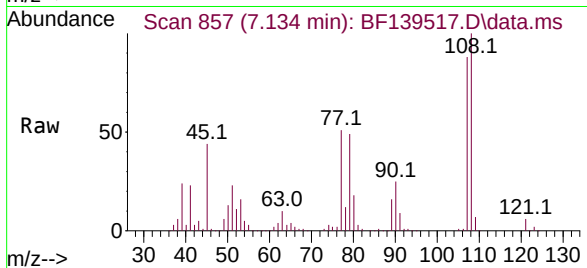
#17
2-Methylphenol
Concen: 45.870 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion:107 Resp: 16457
Ion Ratio Lower Upper
107 100
108 113.3 90.5 135.7
77 57.5 47.1 70.7
79 55.8 46.6 69.8

Manual Integrations
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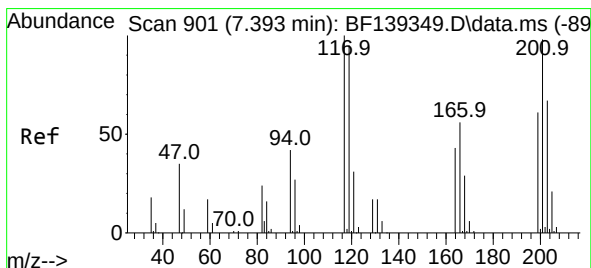
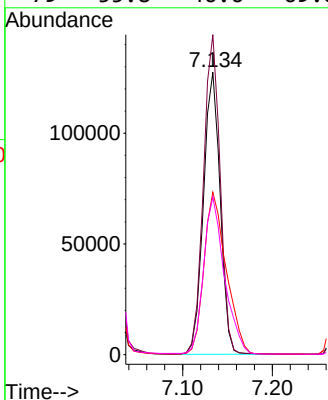
Patel

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Supervised By :mohammad

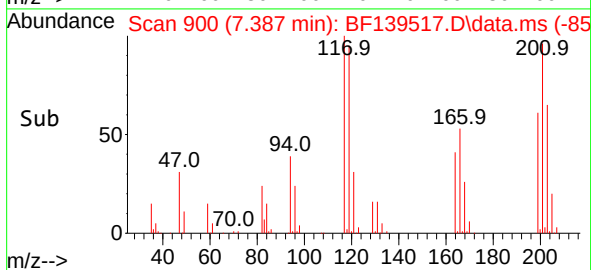
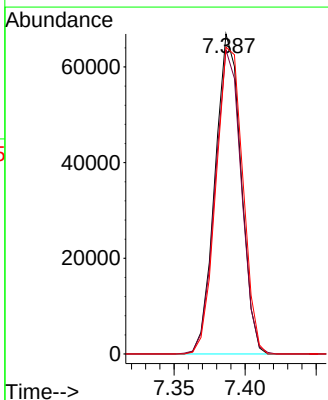
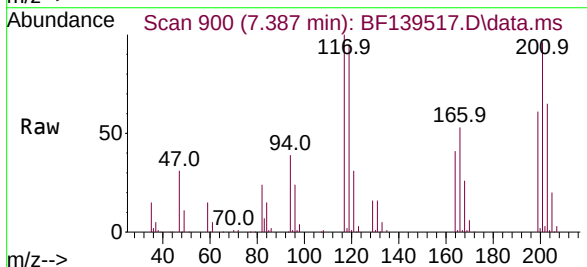
ahmed

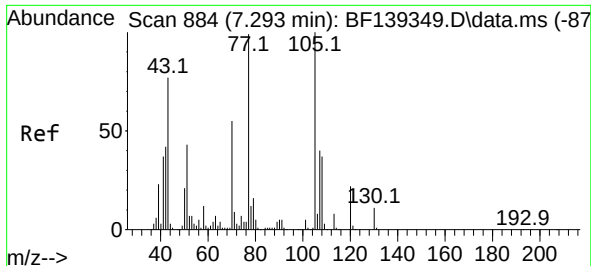
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#18
Hexachloroethane
Concen: 42.908 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:117 Resp: 84819
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8
201 95.9 78.6 118.0





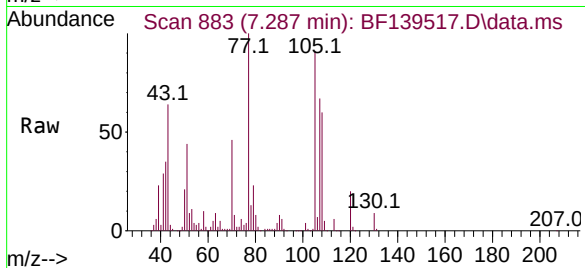
#19
n-Nitroso-di-n-propylamine
Concen: 45.433 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion: 70 Resp: 155028
Ion Ratio Lower Upper
70 100
42 75.5 61.2 91.8
101 9.3 7.5 11.3
130 19.8 15.8 23.8

Manual Integrations
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Reviewed By :Yogesh

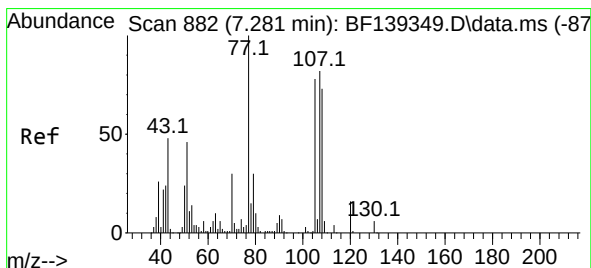
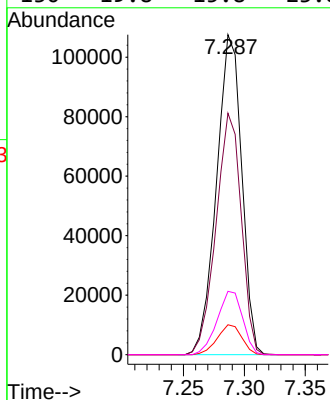
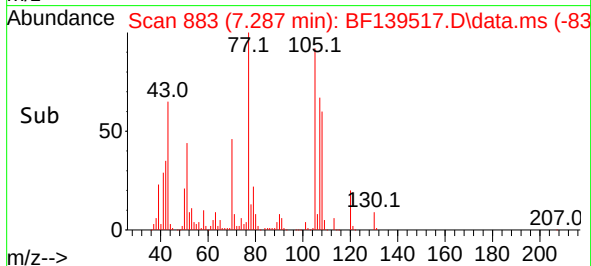
Patel

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Supervised By :mohammad

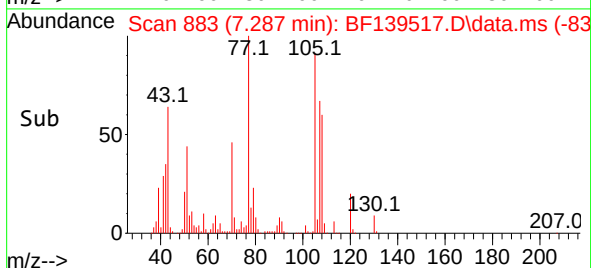
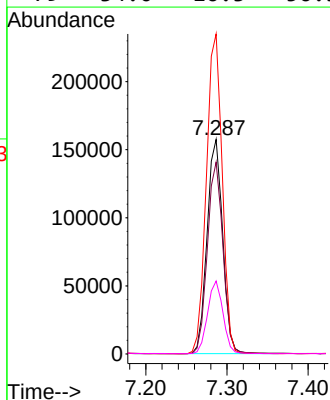
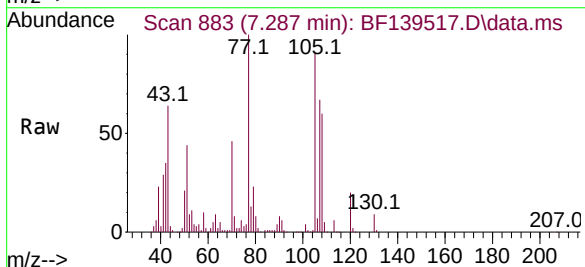
ahmed

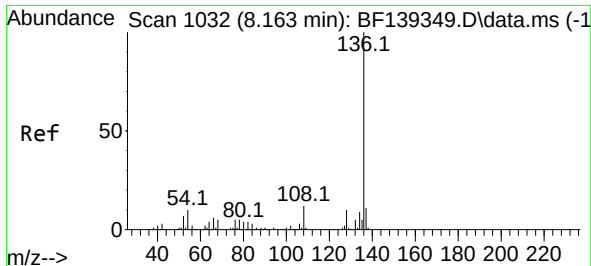
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#20
3+4-Methylphenols
Concen: 42.976 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:107 Resp: 210368
Ion Ratio Lower Upper
107 100
108 89.4 68.6 108.6
77 149.1 101.6 141.6#
79 34.0 16.3 56.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

Tgt Ion:136 Resp: 26169
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.5 7.8 11.8
68 5.5 3.6 5.4

Manual Integrations
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Reviewed By :Yogesh

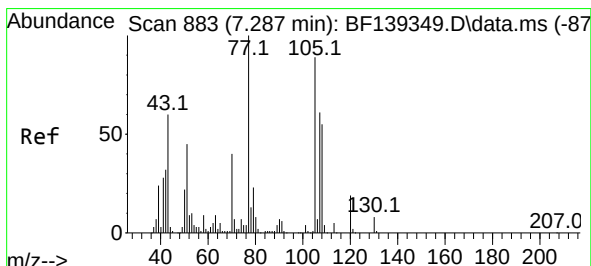
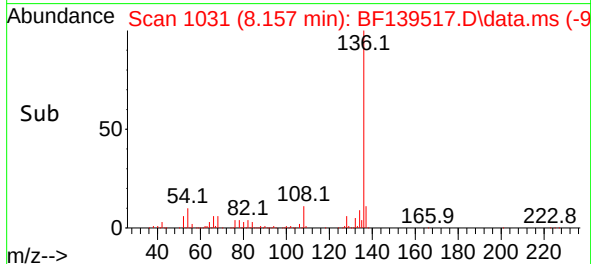
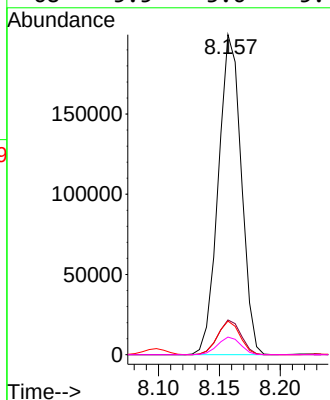
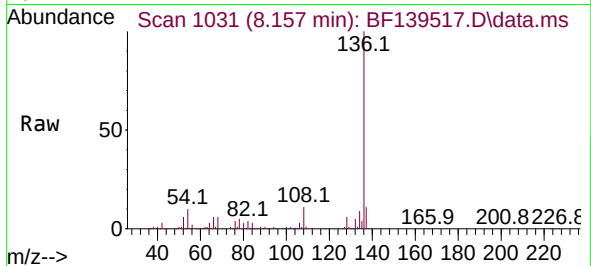
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Supervised By :mohammad

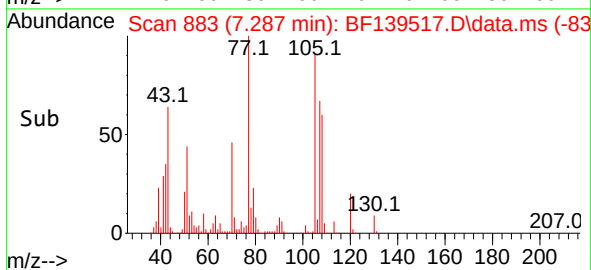
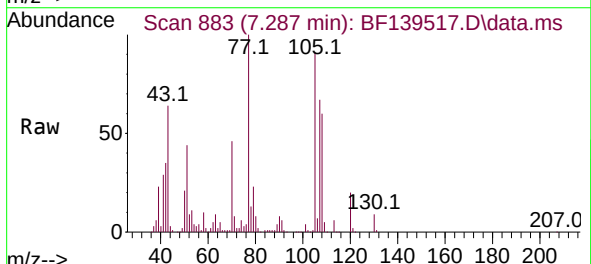
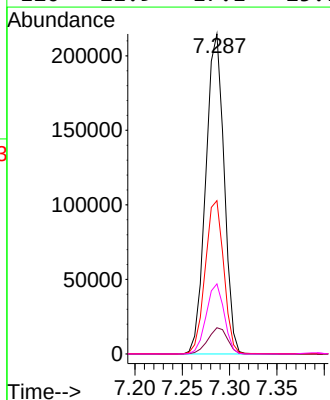
ahmed

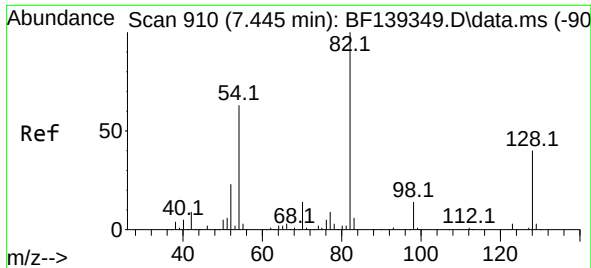
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#22
Acetophenone
Concen: 42.281 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:105 Resp: 289270
Ion Ratio Lower Upper
105 100
71 8.2 5.9 8.9
51 47.9 40.0 60.0
120 21.9 17.1 25.7





#23

Nitrobenzene-d5

Concen: 84.488 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

Tgt Ion: 82 Resp: 470318

Ion Ratio Lower Upper

82 100

128 40.4 31.8 47.6

54 61.6 50.6 75.8

Manual Integrations

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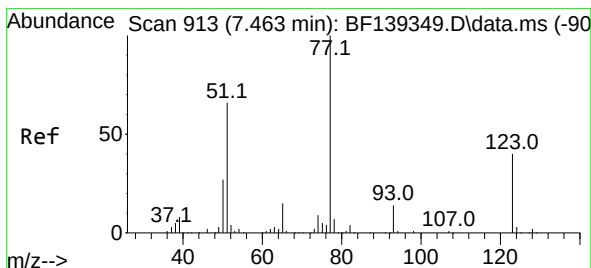
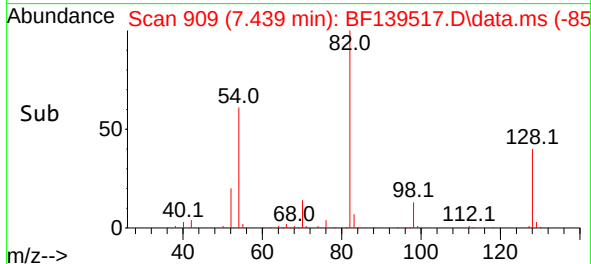
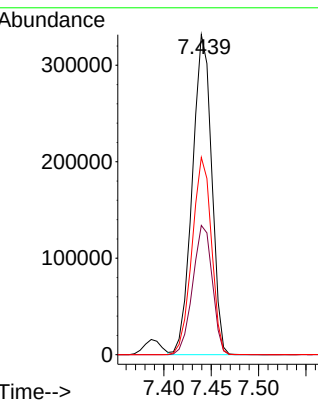
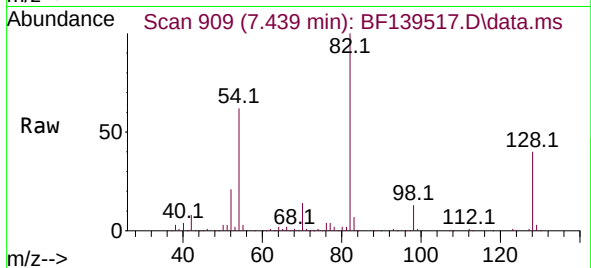
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Supervised By :mohammad

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09/25/2024



#24

Nitrobenzene

Concen: 42.502 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

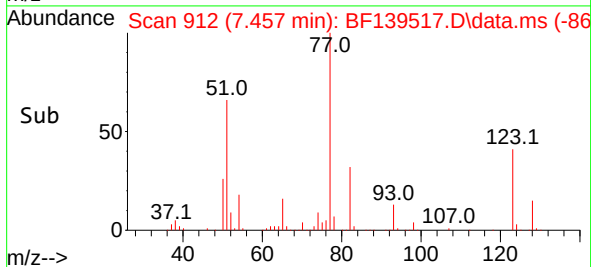
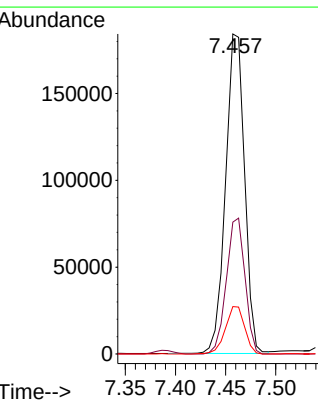
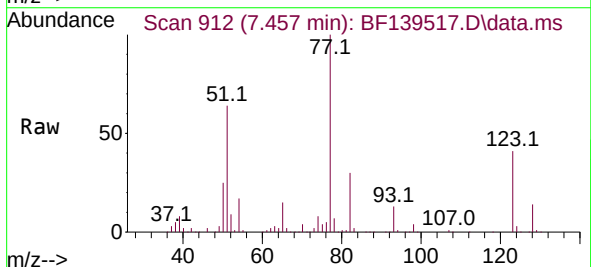
Tgt Ion: 77 Resp: 243505

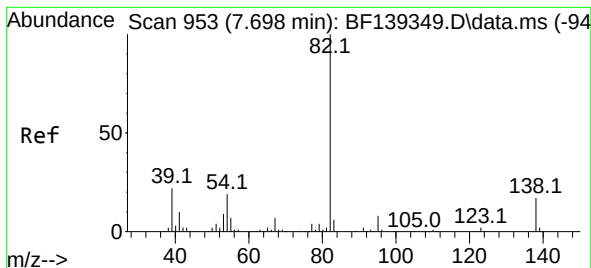
Ion Ratio Lower Upper

77 100

123 41.2 32.2 48.4

65 14.8 12.2 18.4





#25

Isophorone

Concen: 46.452 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

Tgt Ion:	82	Resp:	40895
Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.7	10.1
138	16.8	13.3	19.9

Manual Integrations

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Reviewed By :Yogesh

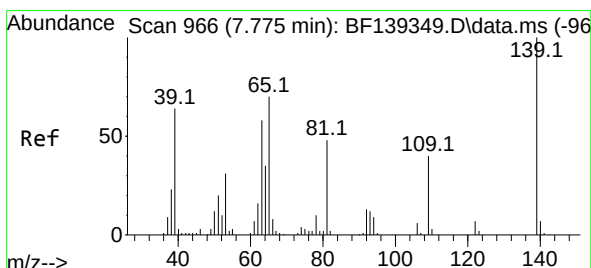
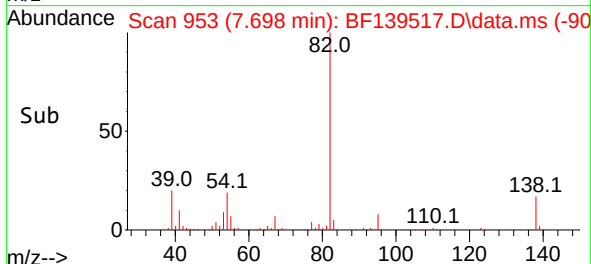
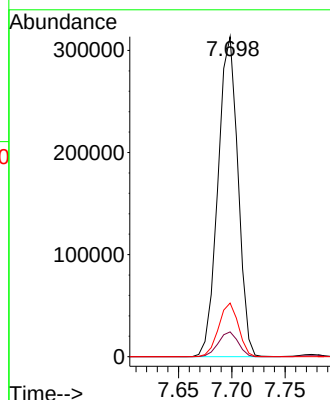
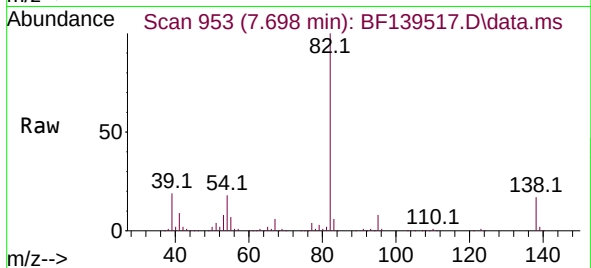
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Supervised By :mohammad

ahmed

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#26

2-Nitrophenol

Concen: 48.487 ng

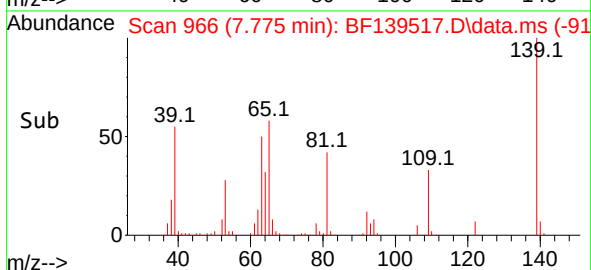
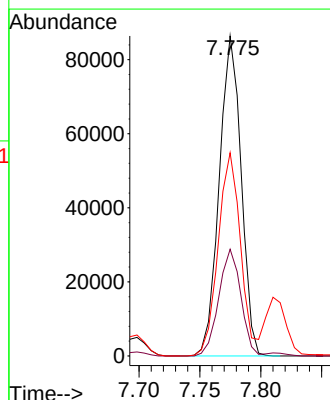
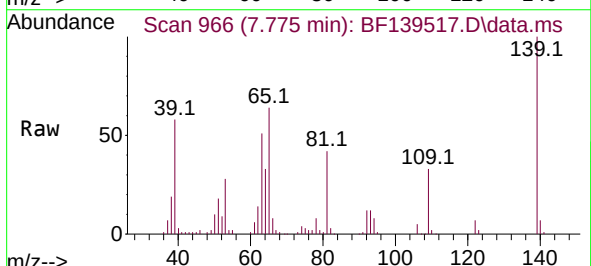
RT: 7.775 min Scan# 966

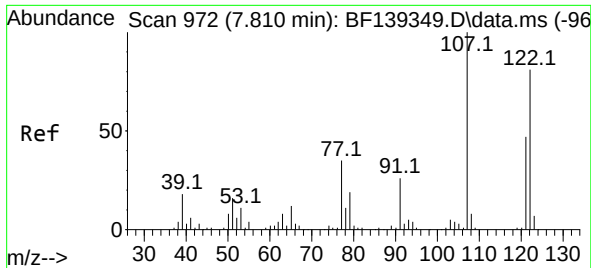
Delta R.T. -0.000 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Tgt Ion:	139	Resp:	108227
Ion	Ratio	Lower	Upper
139	100		
109	33.4	32.2	48.2
65	63.5	55.8	83.8





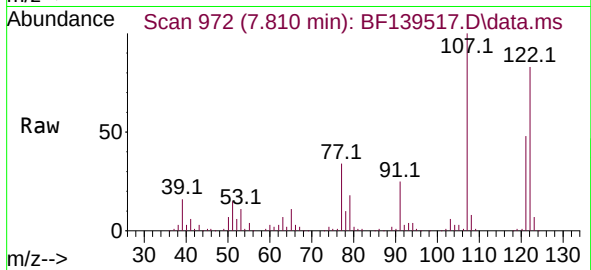
#27
2,4-Dimethylphenol
Concen: 55.571 ng m
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion:122 Resp: 16362
Ion Ratio Lower Upper
122 100
107 120.2 99.1 148.7
121 57.7 46.6 70.0

Manual Integrations

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Reviewed By :Yogesh

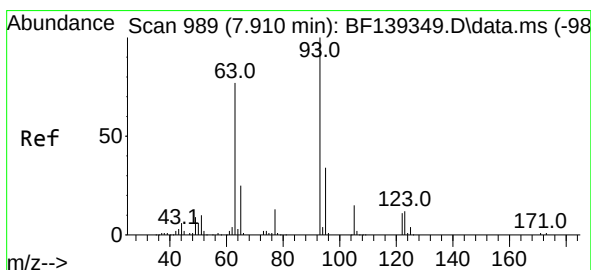
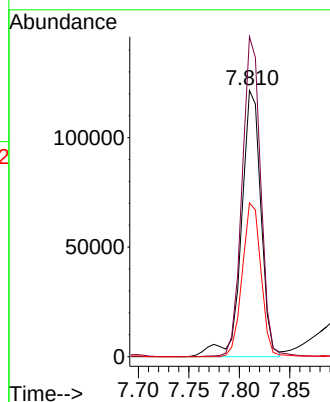
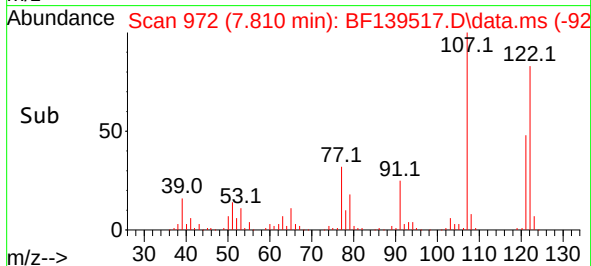
Patel

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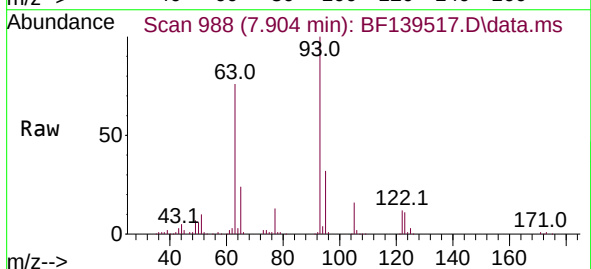
Supervised By :mohammad

ahmed

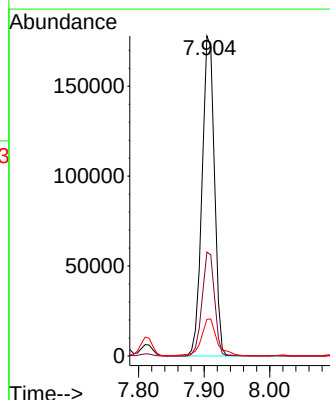
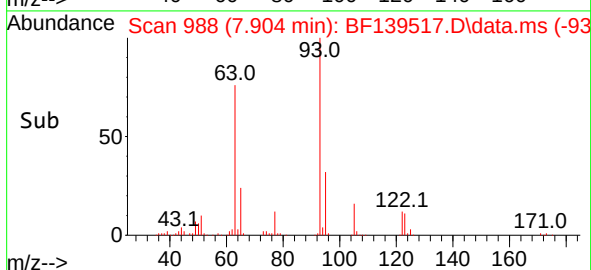
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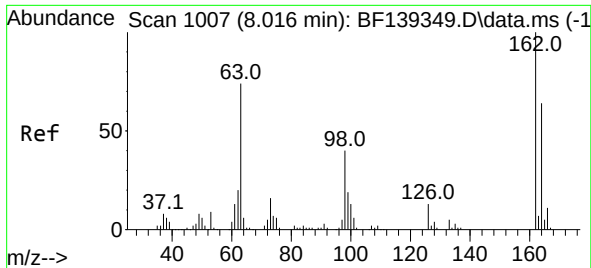


#28
bis(2-Chloroethoxy)methane
Concen: 46.980 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29



Tgt Ion: 93 Resp: 235722
Ion Ratio Lower Upper
93 100
95 32.5 26.9 40.3
123 11.5 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 45.408 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

Tgt Ion:162 Resp: 16984

Ion Ratio Lower Upper

162 100

164 64.4 43.6 83.6

98 38.5 19.7 59.7

Manual Integrations

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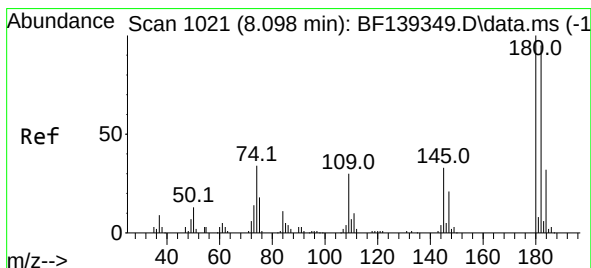
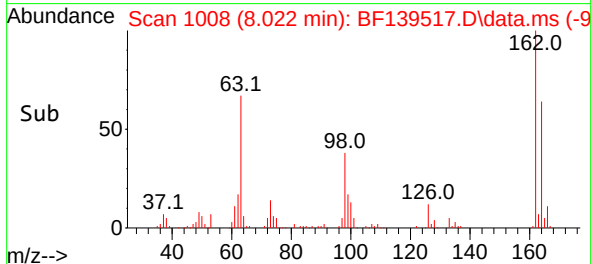
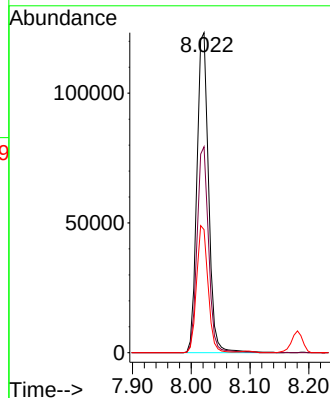
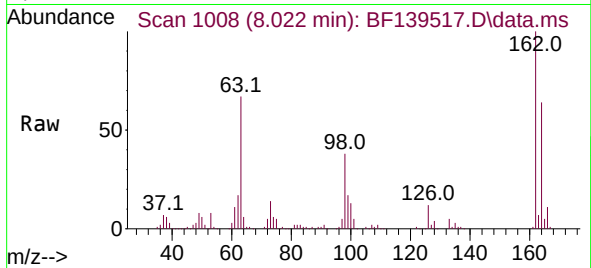
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#30

1,2,4-Trichlorobenzene

Concen: 41.561 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

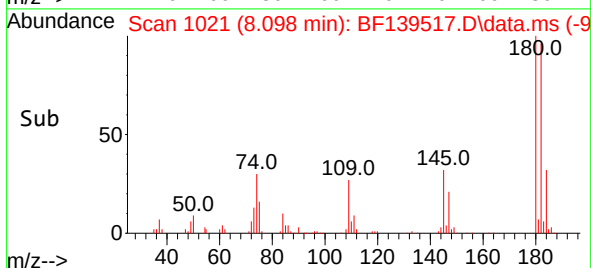
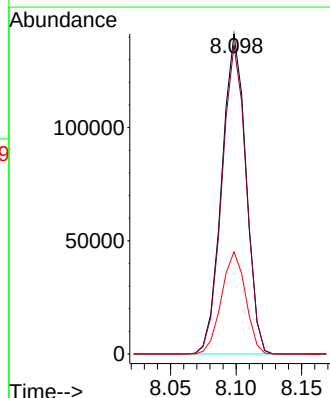
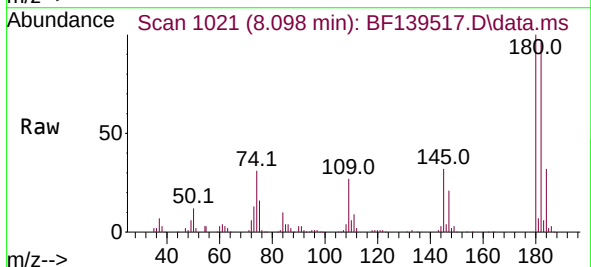
Tgt Ion:180 Resp: 181134

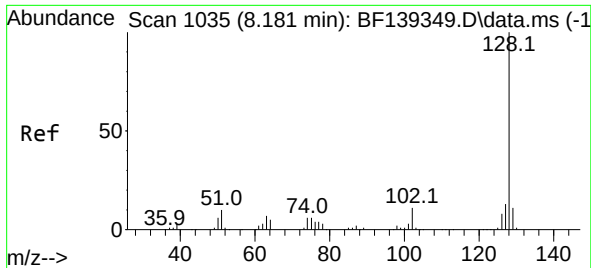
Ion Ratio Lower Upper

180 100

182 96.5 75.7 113.5

145 31.9 26.5 39.7





#31
Naphthalene
Concen: 44.981 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

Tgt Ion:128 Resp: 61453
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.6 16.0

Manual Integrations
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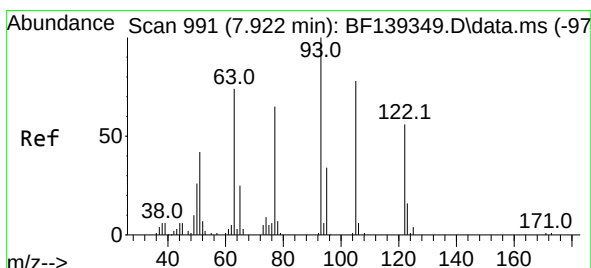
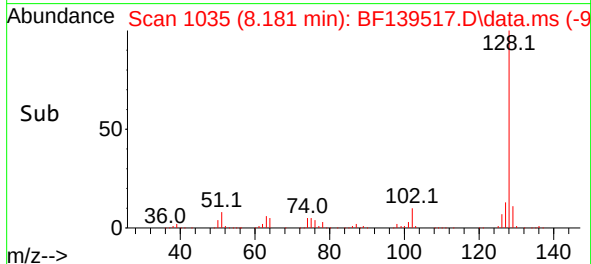
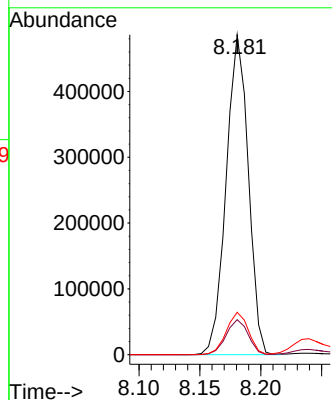
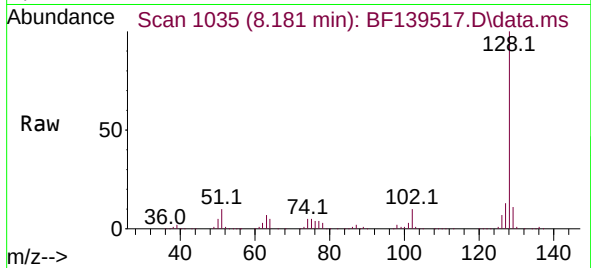
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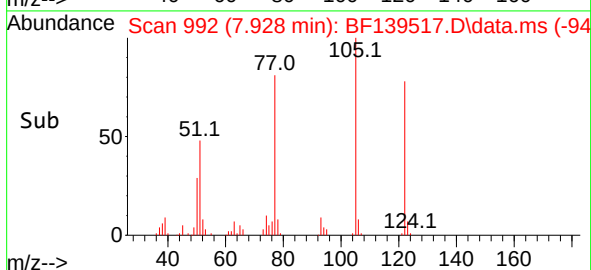
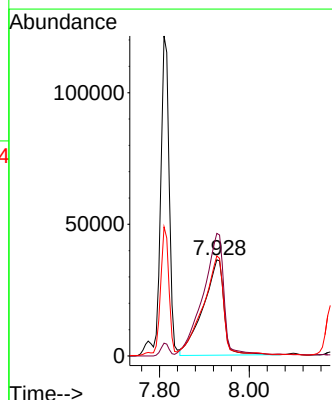
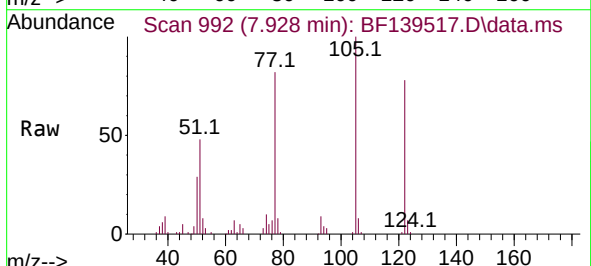
ahmed

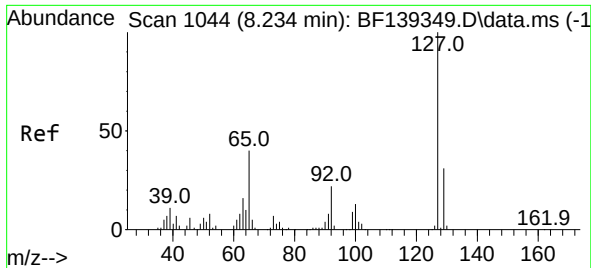
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#32
Benzoic acid
Concen: 42.191 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:122 Resp: 116252
Ion Ratio Lower Upper
122 100
105 127.5 117.1 157.1
77 104.0 95.4 135.4





#33
4-Chloroaniline
Concen: 17.478 ng
RT: 8.239 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

Tgt Ion:127 Resp: 73050
Ion Ratio Lower Upper
127 100
129 32.7 25.5 38.3
65 37.5 31.5 47.3
92 21.5 17.6 26.4

Manual Integrations
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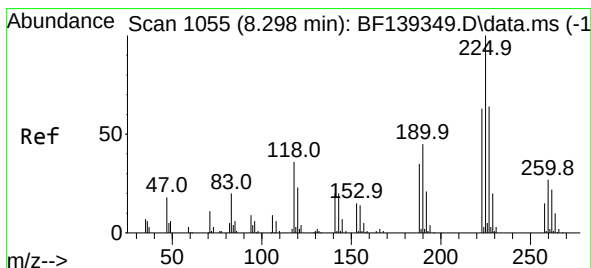
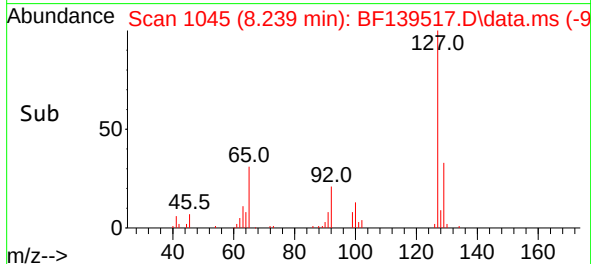
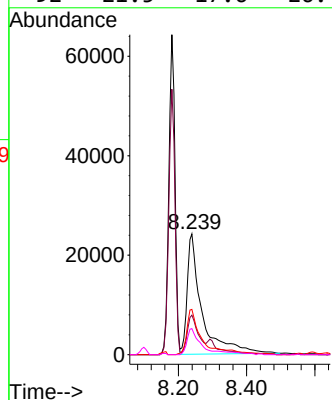
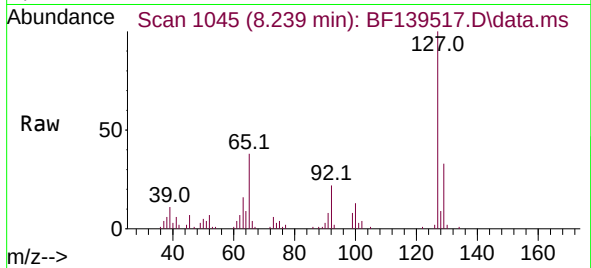
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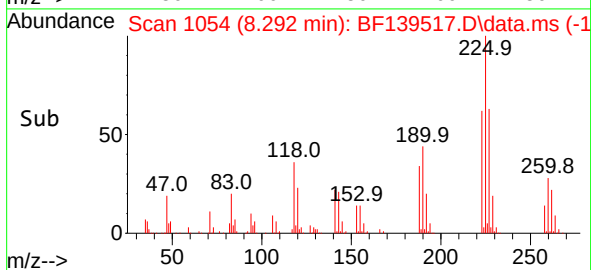
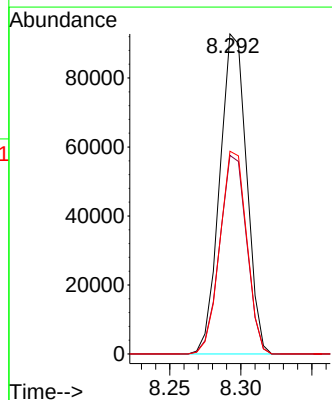
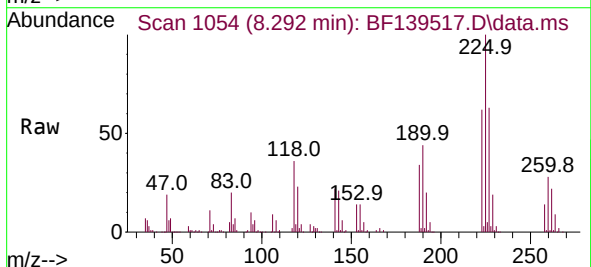
ahmed

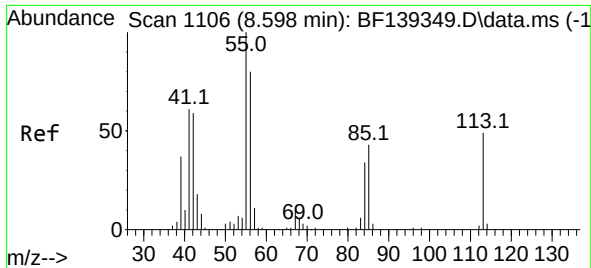
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#34
Hexachlorobutadiene
Concen: 41.113 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:225 Resp: 121733
Ion Ratio Lower Upper
225 100
223 62.1 50.1 75.1
227 63.3 51.0 76.6





#35
Caprolactam
Concen: 48.973 ng m
RT: 8.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

Tgt Ion:113 Resp: 56349
Ion Ratio Lower Upper
113 100
55 208.2 186.1 226.1
56 163.2 144.9 184.9

Manual Integrations
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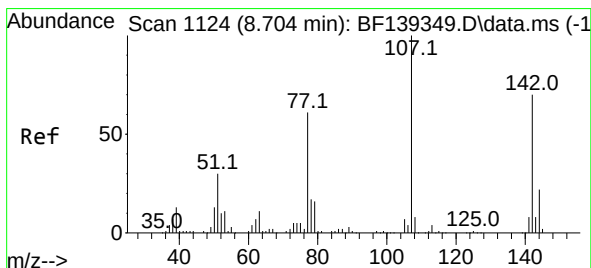
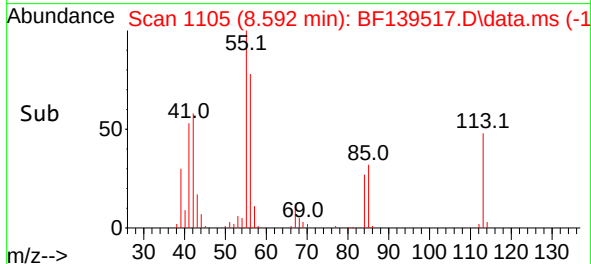
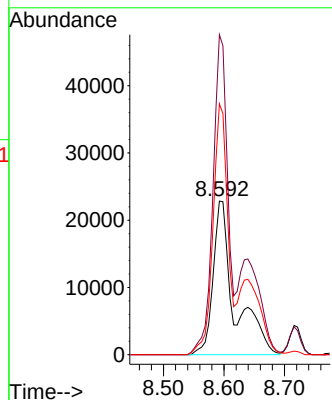
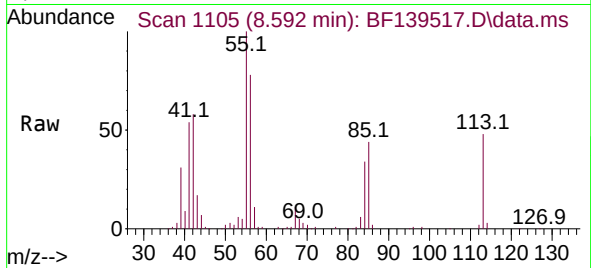
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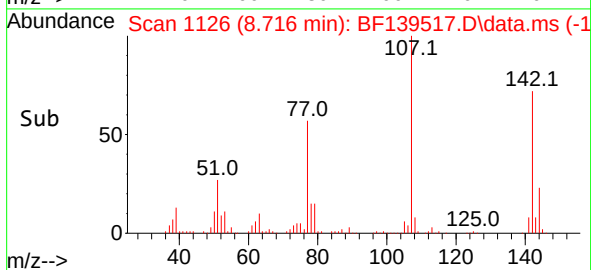
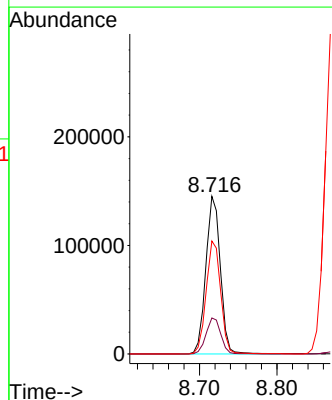
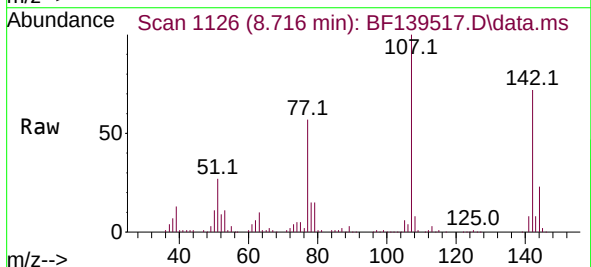
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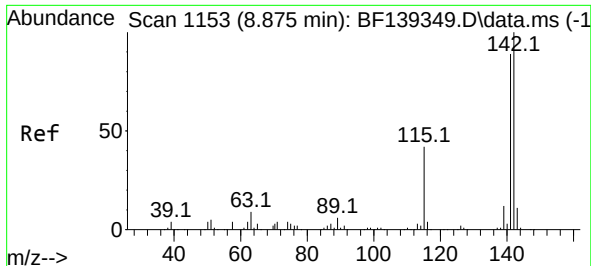
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#36
4-Chloro-3-methylphenol
Concen: 44.198 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:107 Resp: 188938
Ion Ratio Lower Upper
107 100
144 22.9 17.5 26.3
142 71.6 55.8 83.8





#37
2-Methylnaphthalene
Concen: 45.144 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

Tgt Ion:142 Resp: 39147
Ion Ratio Lower Upper
142 100
141 87.6 71.6 107.4

Manual Integrations
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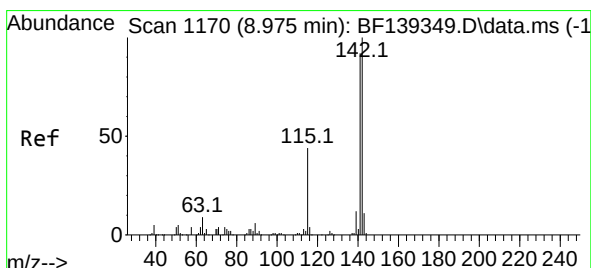
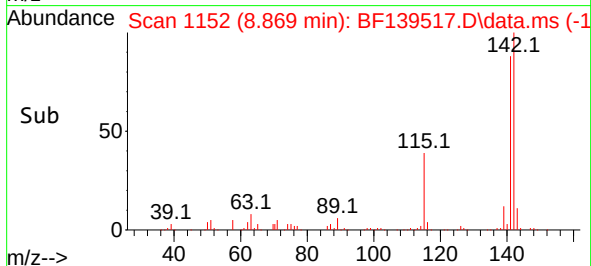
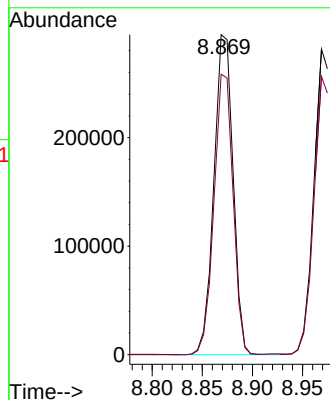
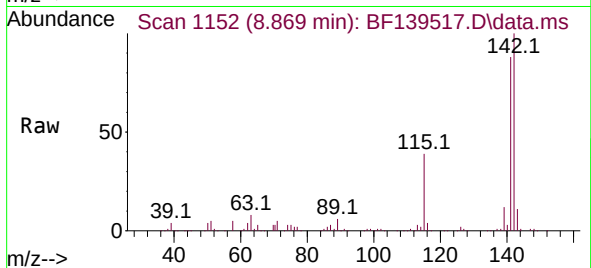
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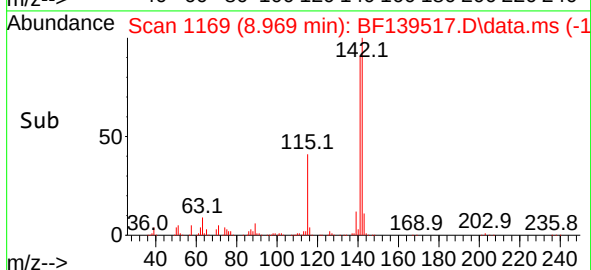
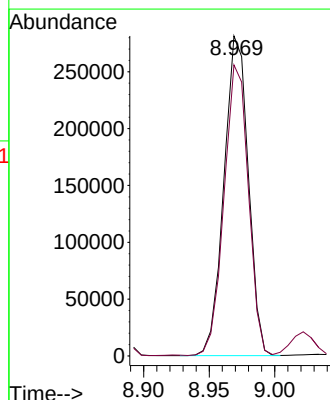
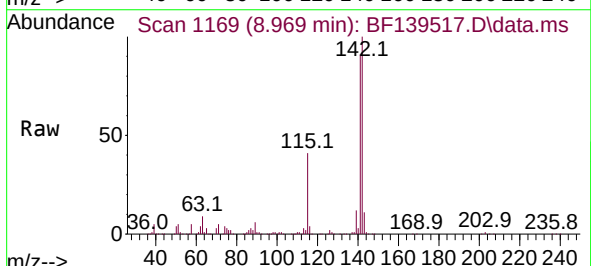
ahmed

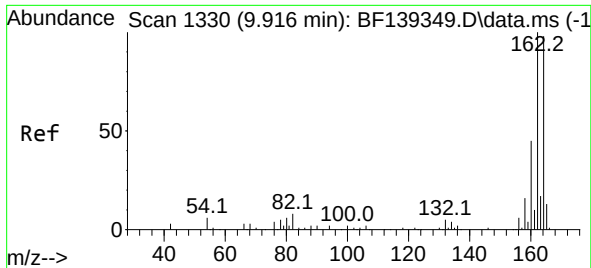
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#38
1-Methylnaphthalene
Concen: 42.618 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:142 Resp: 362832
Ion Ratio Lower Upper
142 100
141 91.0 73.2 109.8





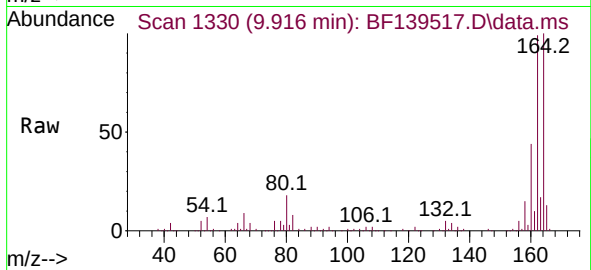
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNF_F

ClientSampleId :

PB163555BS



Tgt Ion:164 Resp: 14254
Ion Ratio Lower Upper
164 100
162 98.7 81.3 121.9
160 43.6 36.4 54.6

Manual Integrations
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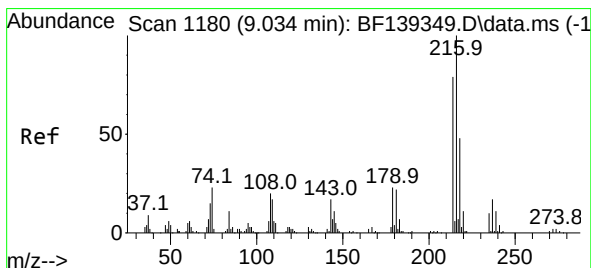
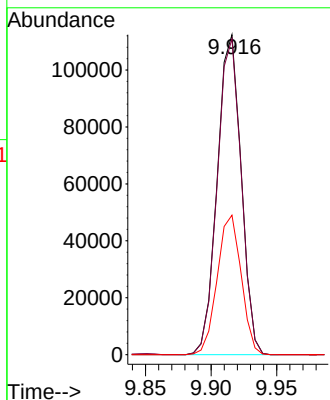
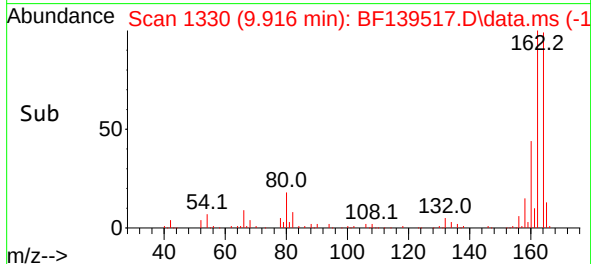
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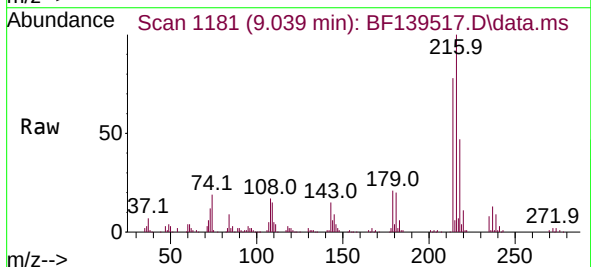
Supervised By :mohammad

ahmed

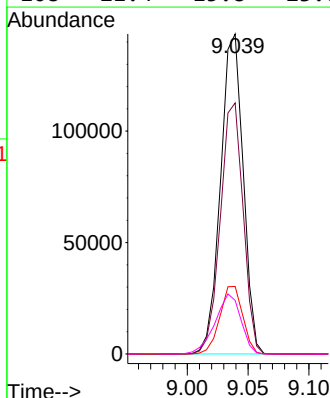
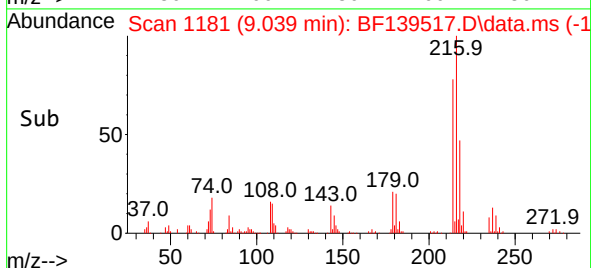
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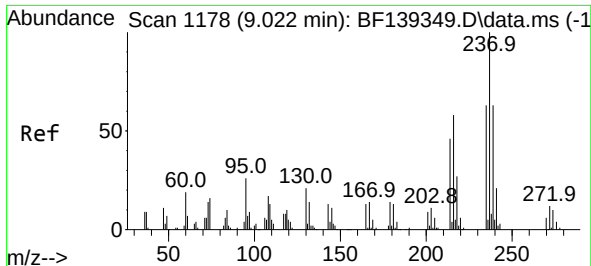


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.961 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29



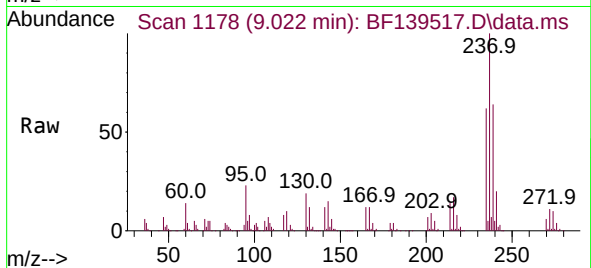
Tgt Ion:216 Resp: 185711
Ion Ratio Lower Upper
216 100
214 79.0 63.4 95.0
179 21.4 18.2 27.2
108 21.4 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 149.588 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :
BNA_F
ClientSampleId :
PB163555BS

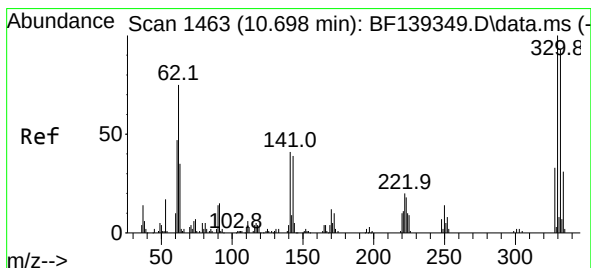
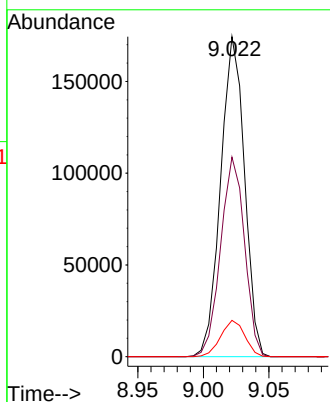
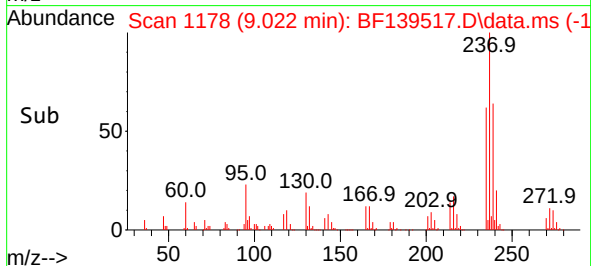


Tgt Ion:237 Resp: 220644
Ion Ratio Lower Upper
237 100
235 62.4 42.7 82.7
272 11.4 0.0 32.5

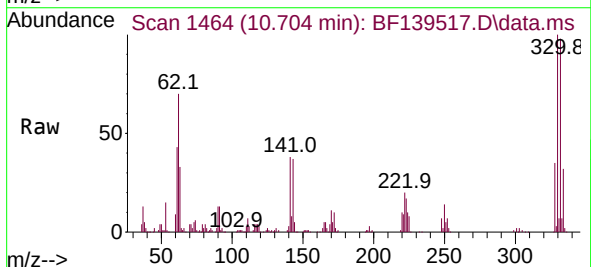
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09/25/2024

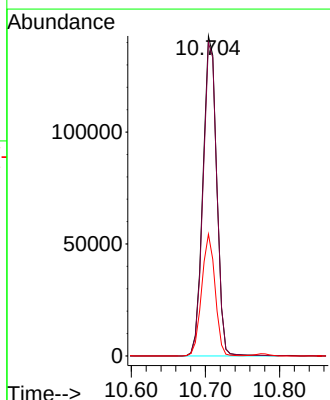
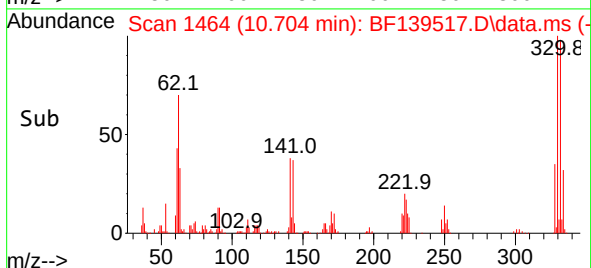
Supervised By :mohammad
ahmed
09/25/2024

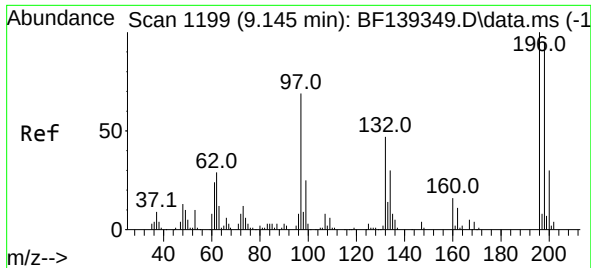


#42
2,4,6-Tribromophenol
Concen: 121.261 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29



Tgt Ion:330 Resp: 184016
Ion Ratio Lower Upper
330 100
332 98.2 75.2 112.8
141 37.2 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 45.126 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

Tgt Ion:196 Resp: 124020
Ion Ratio Lower Upper
196 100
198 93.8 75.8 113.6
200 30.0 24.1 36.1

Manual Integrations
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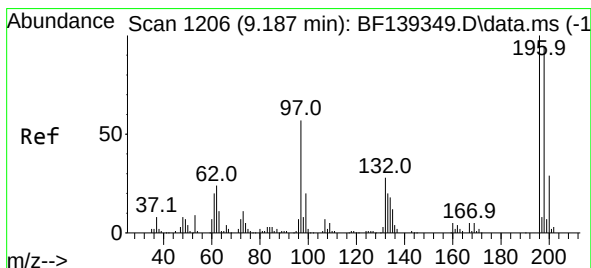
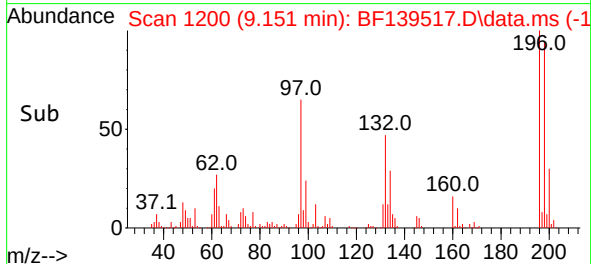
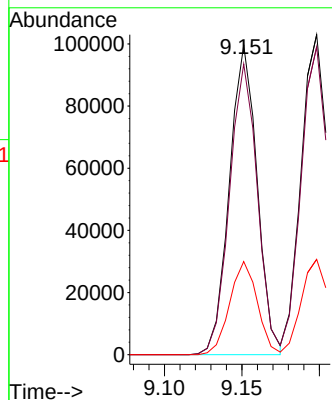
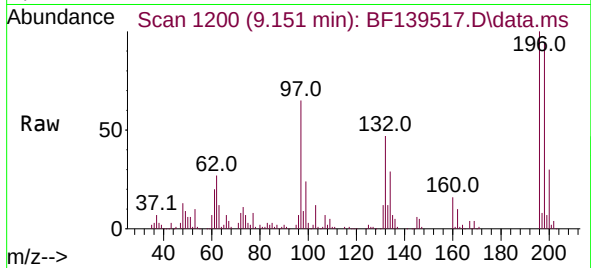
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Supervised By :mohammad

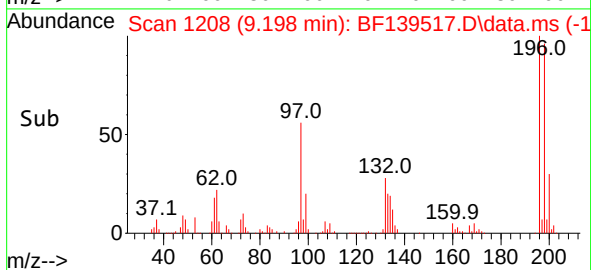
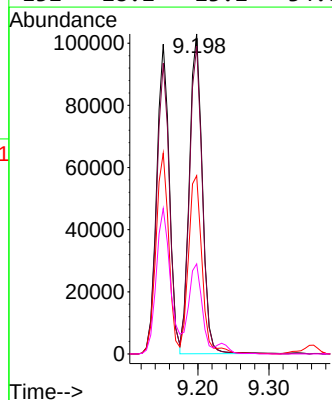
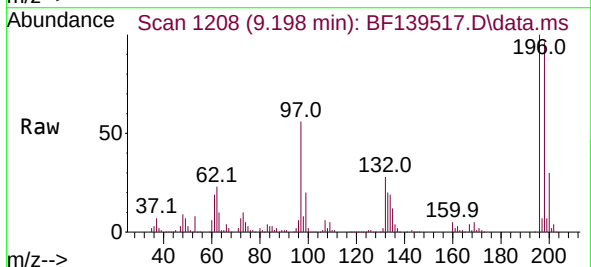
ahmed

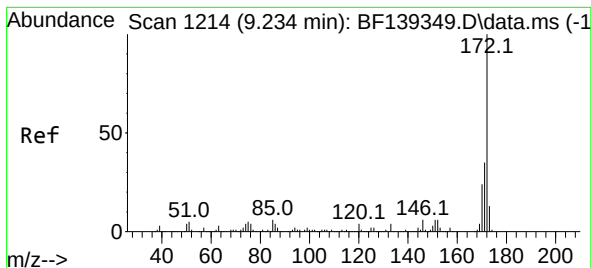
09/25/2024



#44
2,4,5-Trichlorophenol
Concen: 44.979 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:196 Resp: 130401
Ion Ratio Lower Upper
196 100
198 96.2 74.8 112.2
97 55.7 47.3 70.9
132 28.2 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 83.367 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139517.D

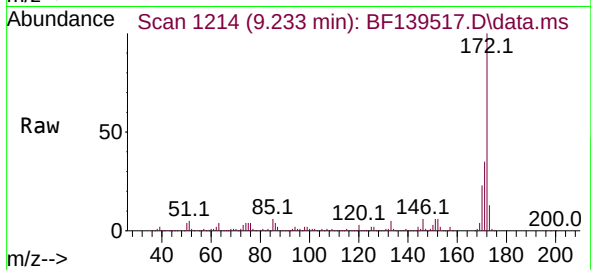
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion:172 Resp: 84727

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh

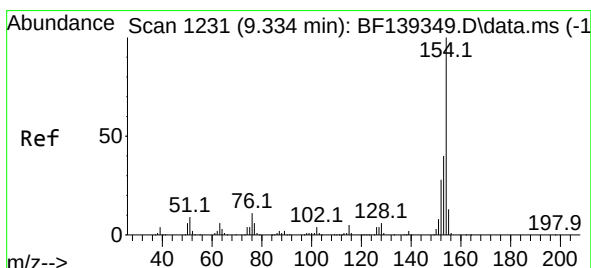
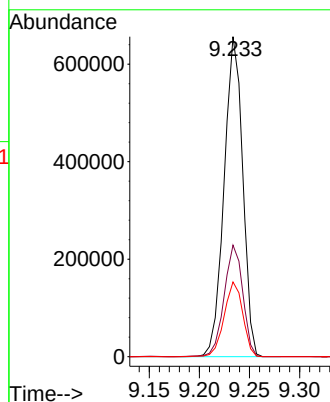
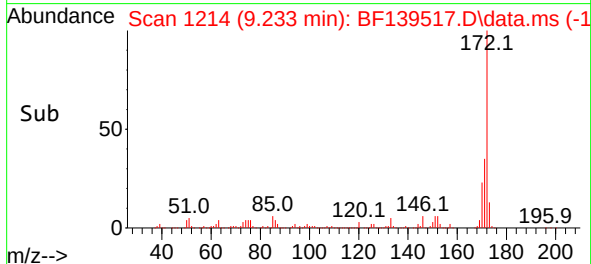
Patel

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Supervised By :mohammad

ahmed

09/25/2024



#46

1,1'-Biphenyl

Concen: 43.993 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

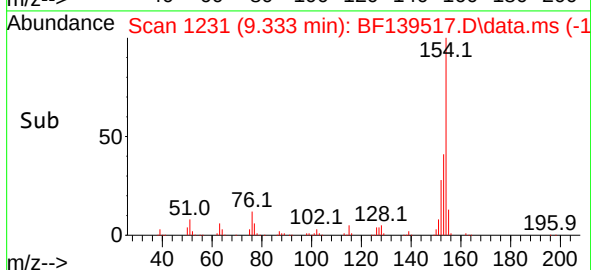
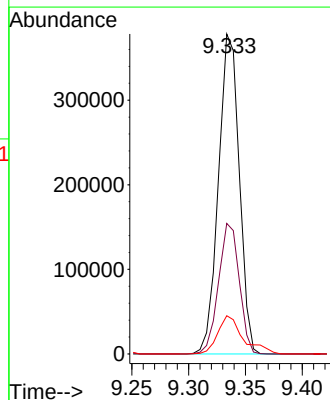
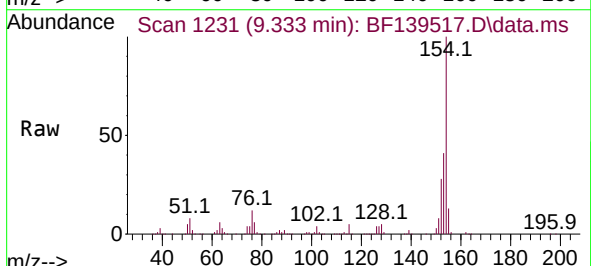
Tgt Ion:154 Resp: 482435

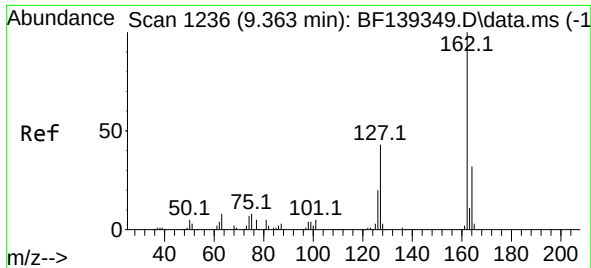
Ion Ratio Lower Upper

154 100

153 40.8 20.1 60.1

76 12.0 0.0 31.1





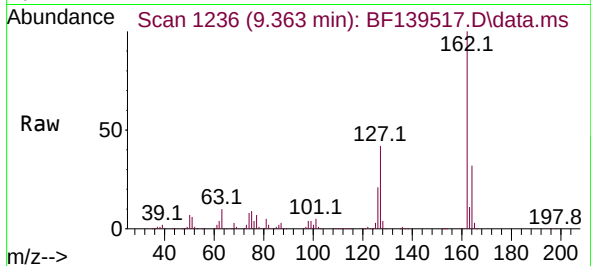
#47
2-Chloronaphthalene
Concen: 44.030 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion:162 Resp: 361019
Ion Ratio Lower Upper
162 100
127 42.3 35.0 52.4
164 32.0 25.8 38.6

Manual Integrations
APPROVED

Reviewed By :Yogesh

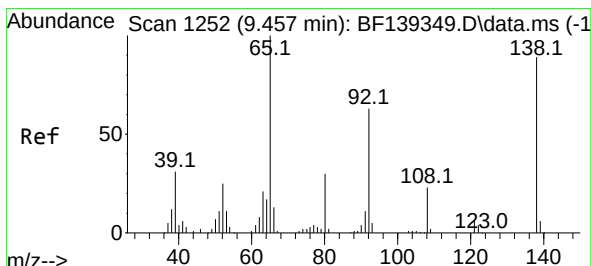
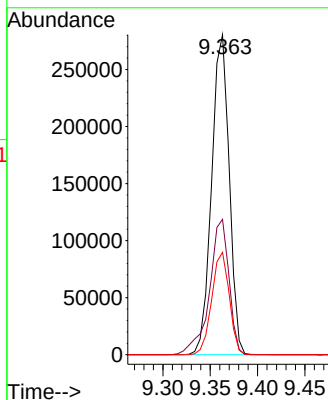
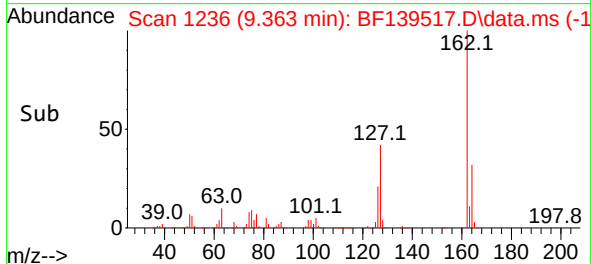
Patel

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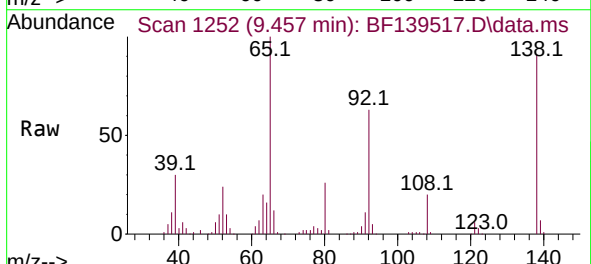
Supervised By :mohammad

ahmed

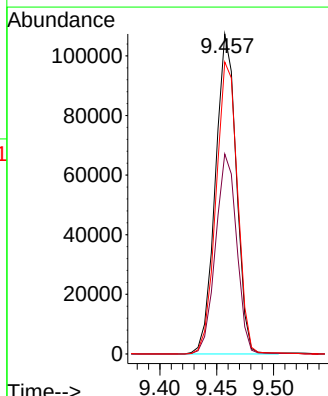
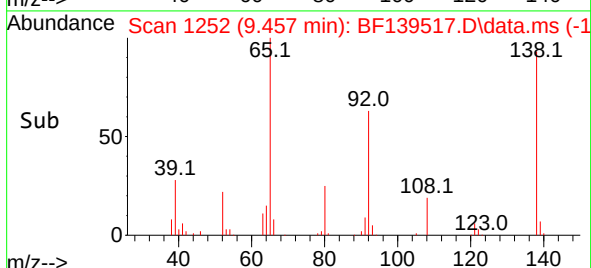
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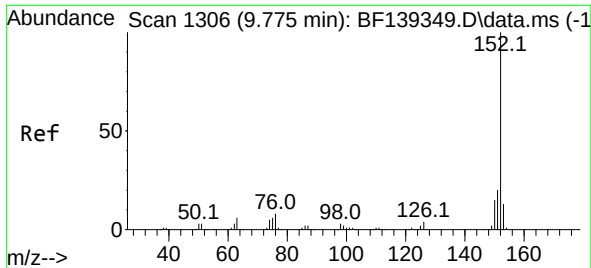


#48
2-Nitroaniline
Concen: 45.232 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29



Tgt Ion: 65 Resp: 137943
Ion Ratio Lower Upper
65 100
92 62.5 50.3 75.5
138 91.2 71.3 106.9





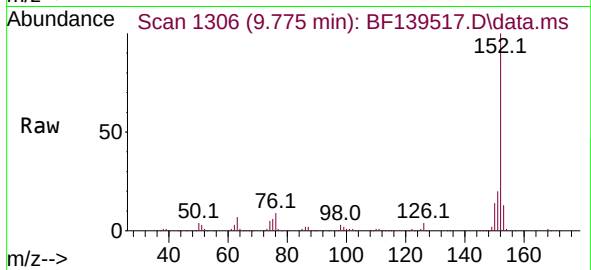
#49
Acenaphthylene
Concen: 48.421 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion:152 Resp: 597628
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.4 10.3 15.5

Manual Integrations
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Reviewed By :Yogesh

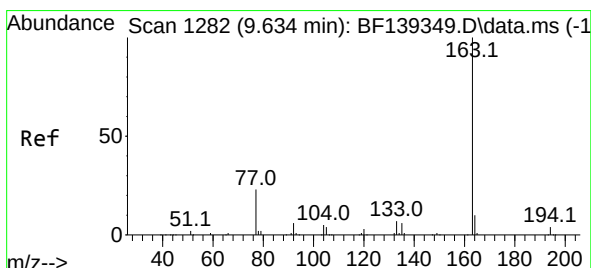
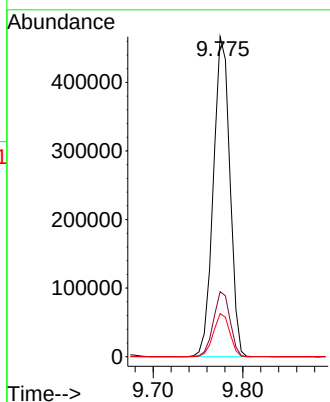
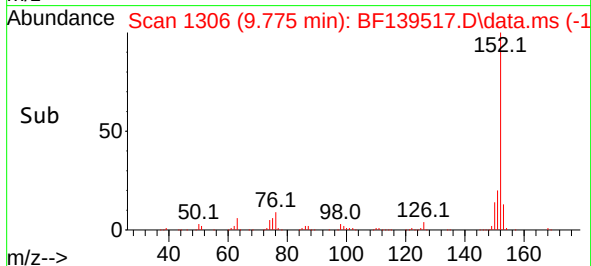
Patel

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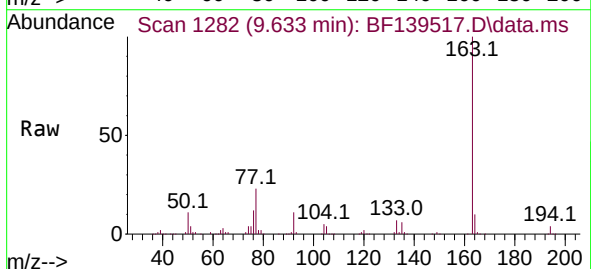
Supervised By :mohammad

ahmed

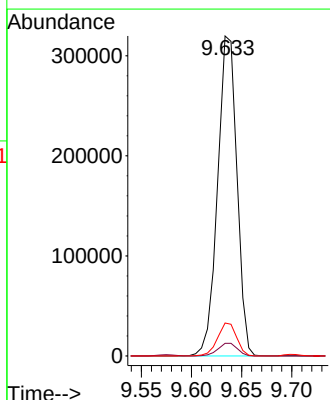
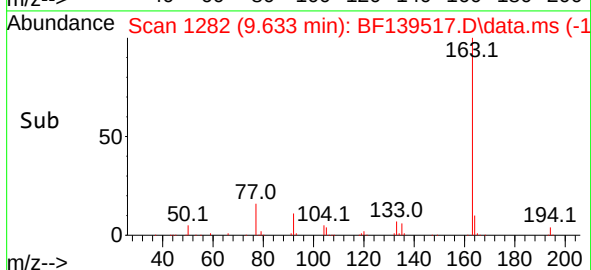
09/25/2024

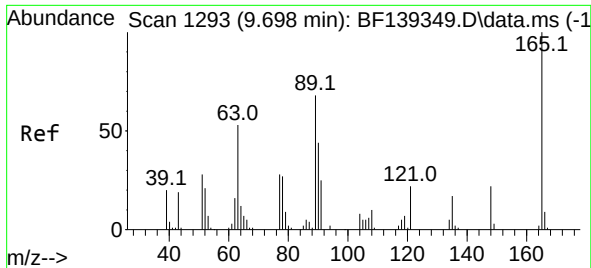


#50
Dimethylphthalate
Concen: 45.795 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29



Tgt Ion:163 Resp: 428435
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.599 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

Tgt Ion:165 Resp: 94500
Ion Ratio Lower Upper
165 100
63 70.1 60.9 91.3
89 63.7 54.7 82.1

Manual Integrations
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Reviewed By :Yogesh

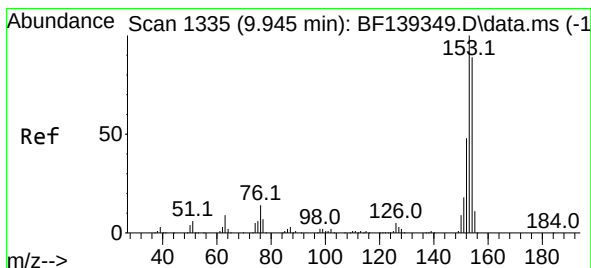
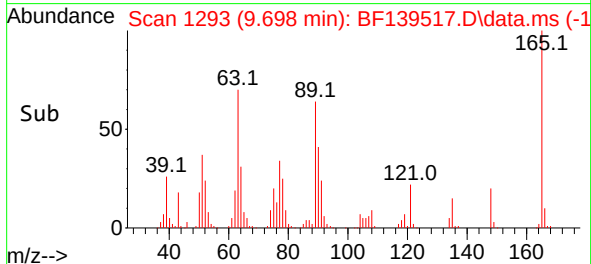
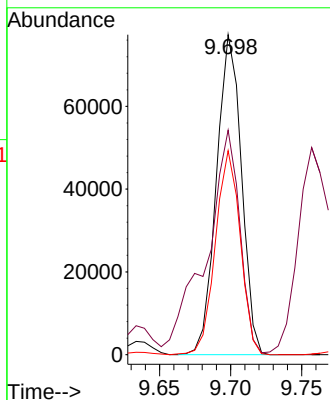
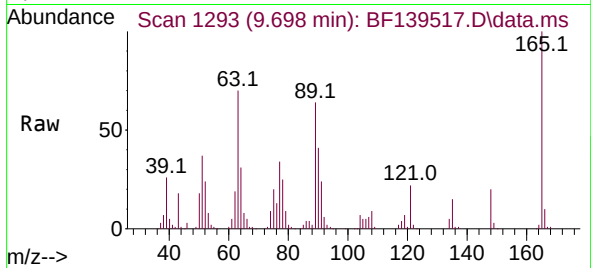
Patel

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Supervised By :mohammad

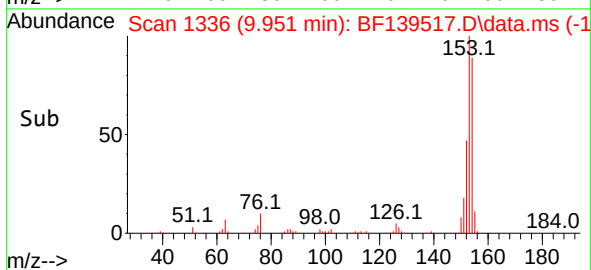
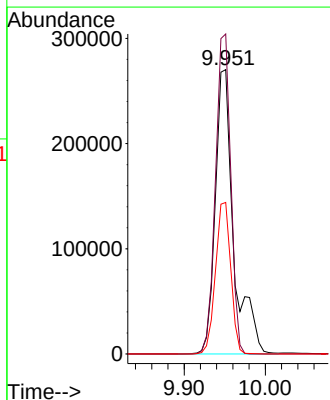
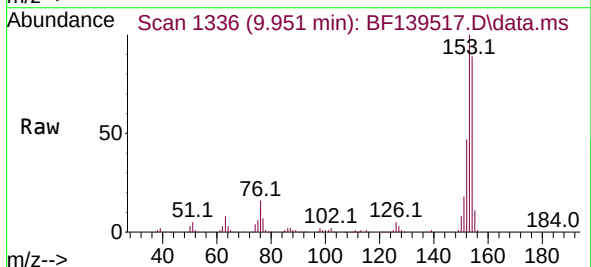
ahmed

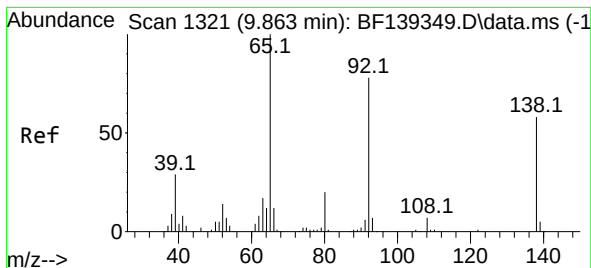
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#52
Acenaphthene
Concen: 49.634 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:154 Resp: 427550
Ion Ratio Lower Upper
154 100
153 112.6 89.5 134.3
152 53.3 42.6 64.0





#53

3-Nitroaniline

Concen: 32.260 ng

RT: 9.869 min Scan# 1321

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS

Tgt Ion:138 Resp: 66820

Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.8	14.8
92	125.9	107.4	161.2

Manual Integrations

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Reviewed By :Yogesh

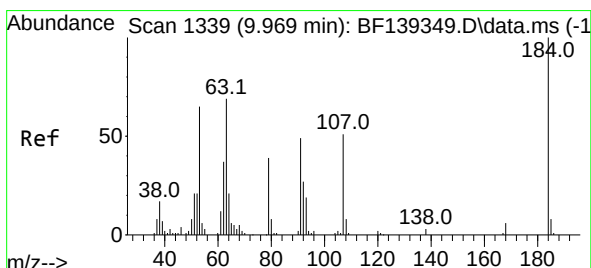
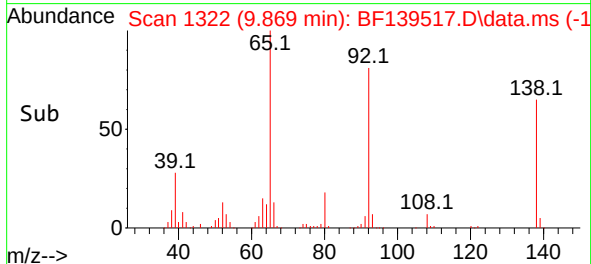
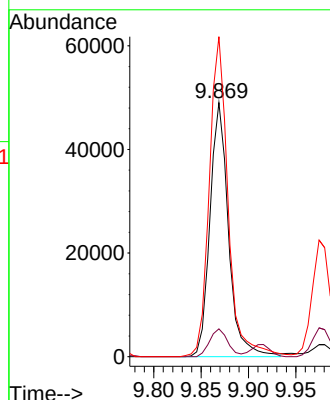
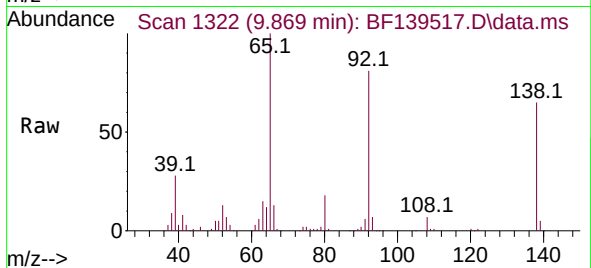
Patel

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Supervised By :mohammad

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#54

2,4-Dinitrophenol

Concen: 93.662 ng

RT: 9.980 min Scan# 1341

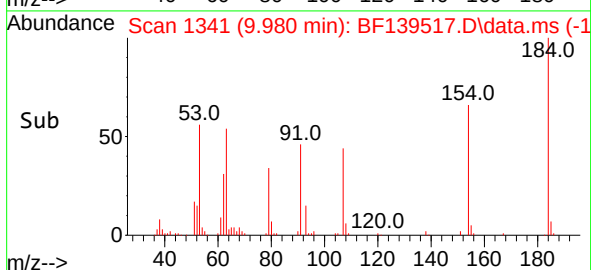
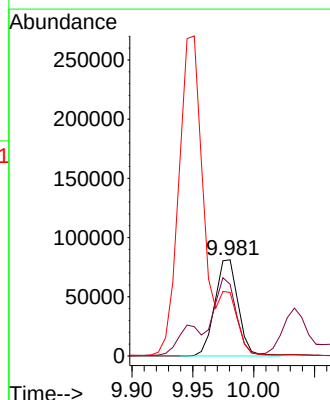
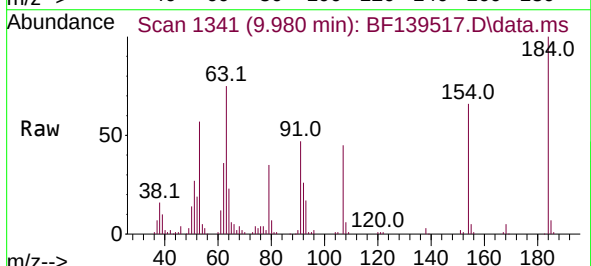
Delta R.T. 0.011 min

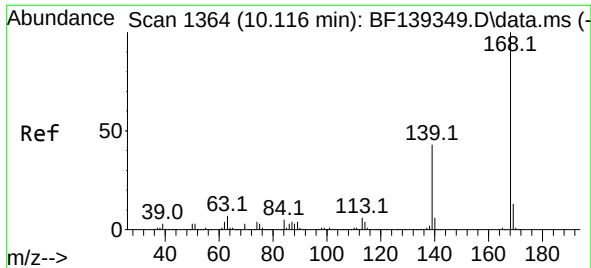
Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Tgt Ion:184 Resp: 108167

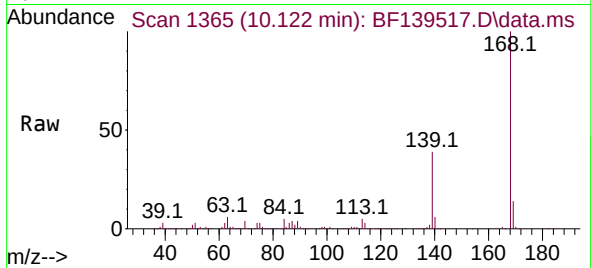
Ion	Ratio	Lower	Upper
184	100		
63	74.5	69.3	103.9
154	66.1	67.5	101.3





#55
Dibenzenofuran
Concen: 45.371 ng
RT: 10.122 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :
BNA_F
ClientSampleId :
PB163555BS

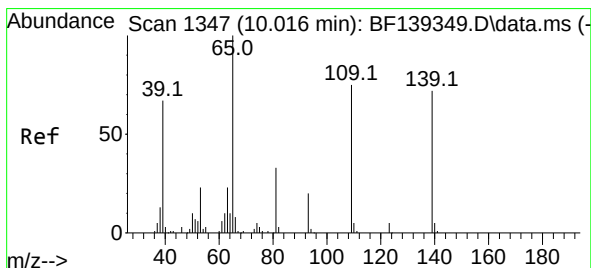
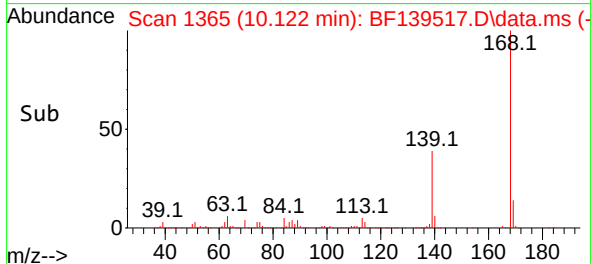
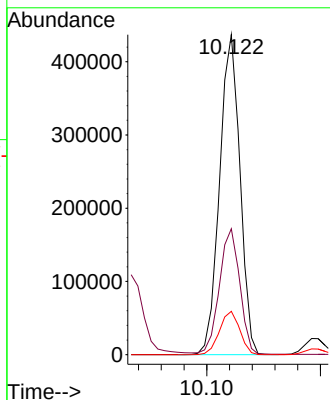


Tgt Ion:168 Resp: 544740
Ion Ratio Lower Upper
168 100
139 39.4 34.1 51.1
169 13.5 10.5 15.7

Manual Integrations
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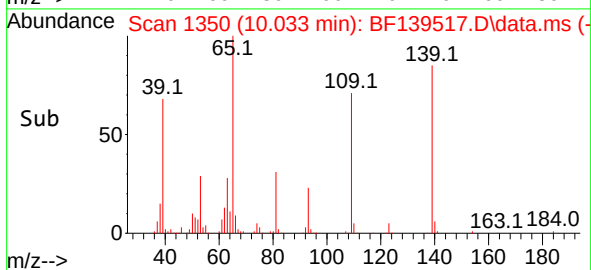
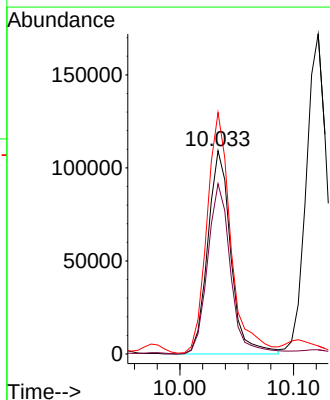
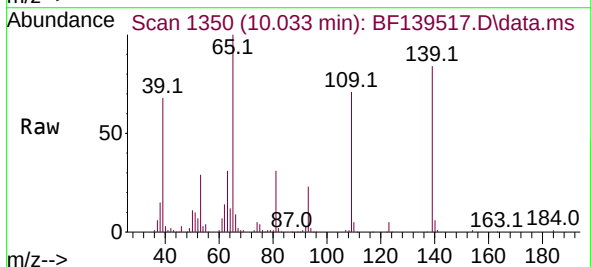
Reviewed By :Yogesh
Patel
09/25/2024

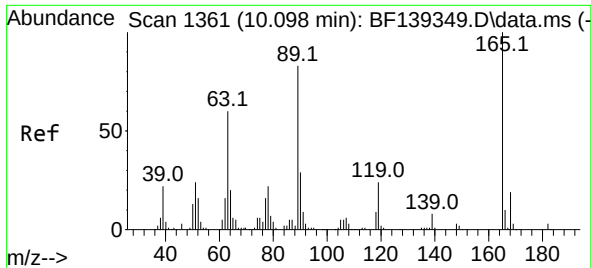
Supervised By :mohammad
ahmed
09/25/2024



#56
4-Nitrophenol
Concen: 89.617 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.018 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:139 Resp: 153593
Ion Ratio Lower Upper
139 100
109 83.8 84.1 124.1#
65 118.8 120.0 160.0#





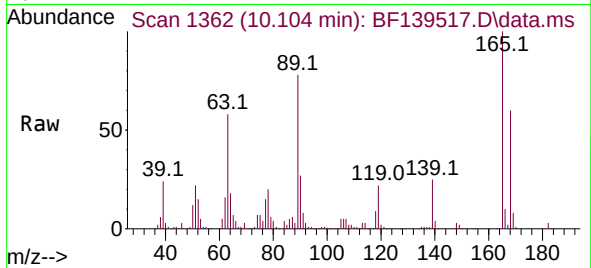
#57
2,4-Dinitrotoluene
Concen: 46.991 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion:165 Resp: 131485
Ion Ratio Lower Upper
165 100
63 57.7 47.8 71.6
89 78.0 66.7 100.1
182 2.5 2.2 3.4

Manual Integrations

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Reviewed By :Yogesh

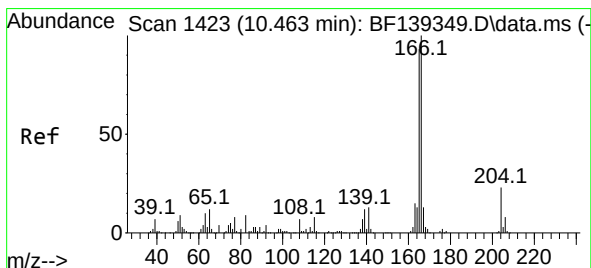
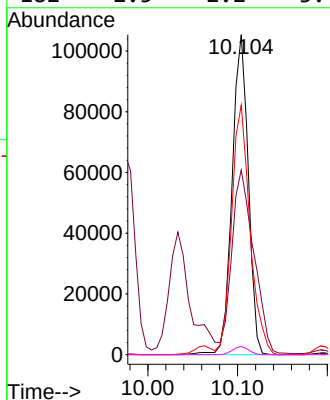
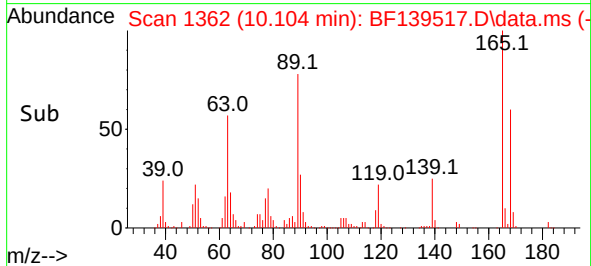
Patel

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Supervised By :mohammad

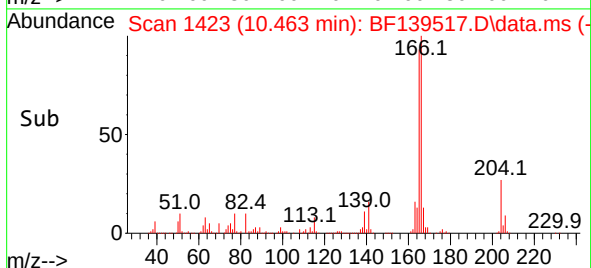
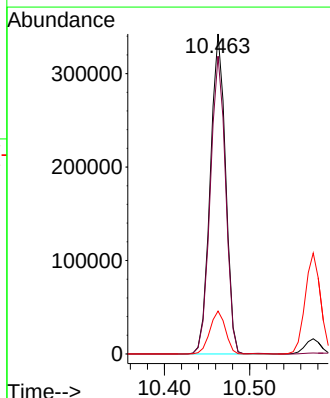
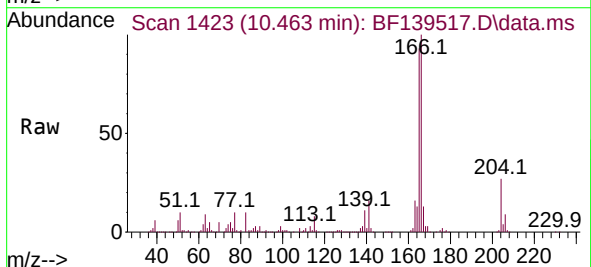
ahmed

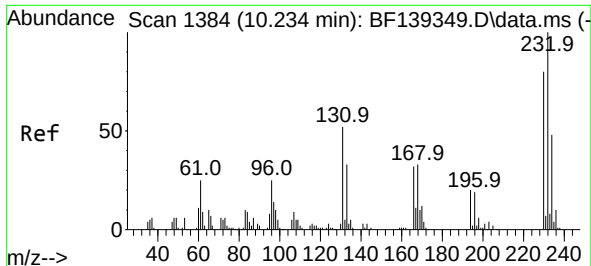
09/25/2024



#58
Fluorene
Concen: 43.608 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

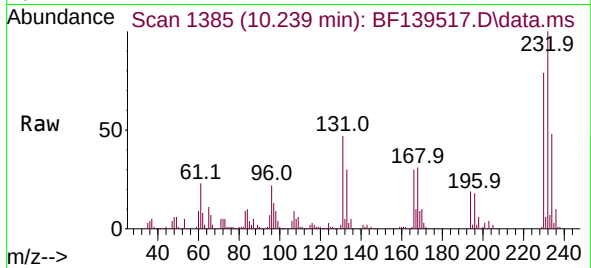
Tgt Ion:166 Resp: 427193
Ion Ratio Lower Upper
166 100
165 93.1 74.5 111.7
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.378 ng
RT: 10.239 min Scan# 11122
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :
BNA_F
ClientSampleId :
PB163555BS

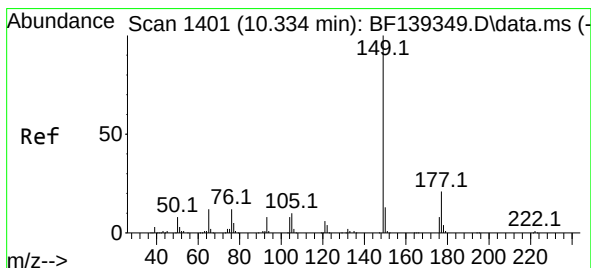
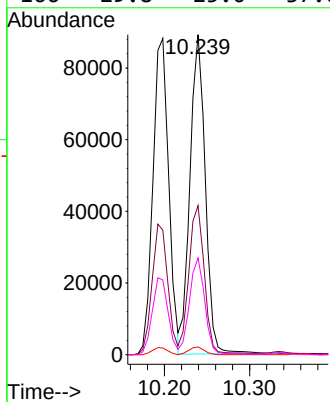
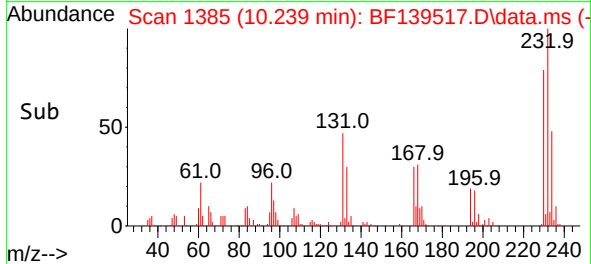


Tgt Ion:232 Resp: 11122
Ion Ratio Lower Upper
232 100
131 47.4 40.7 61.1
130 2.4 2.2 3.2
166 29.8 25.0 37.6

Manual Integrations
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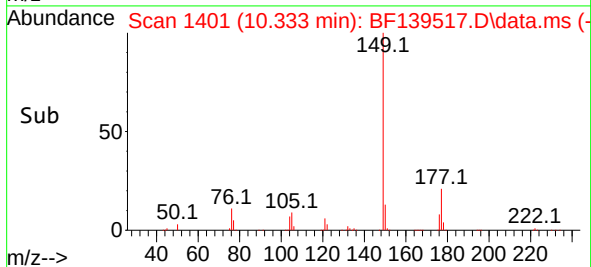
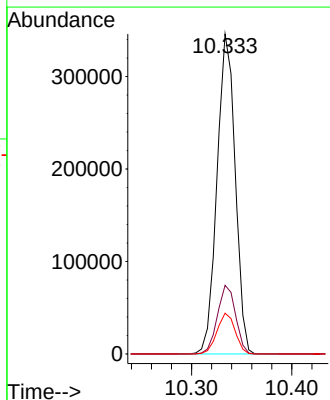
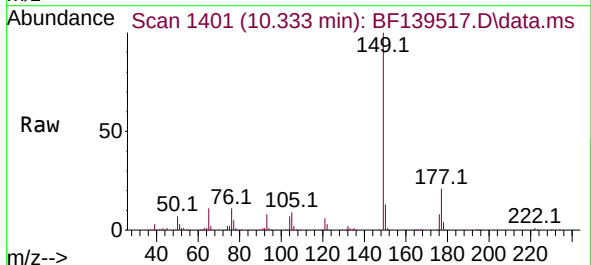
Reviewed By :Yogesh
Patel
09/25/2024

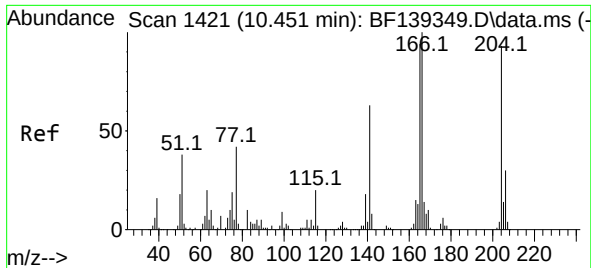
Supervised By :mohammad
ahmed
09/25/2024



#60
Diethylphthalate
Concen: 45.107 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

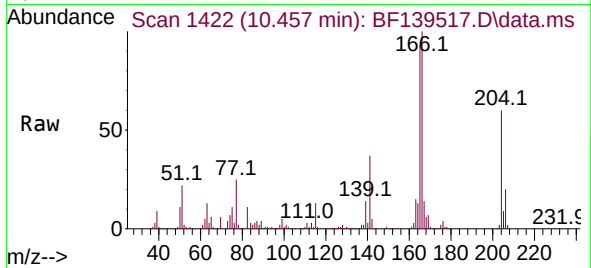
Tgt Ion:149 Resp: 435491
Ion Ratio Lower Upper
149 100
177 21.4 16.6 24.8
150 12.7 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 42.851 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :
BNA_F
ClientSampleId :
PB163555BS

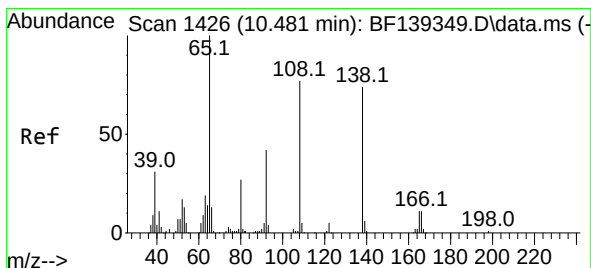
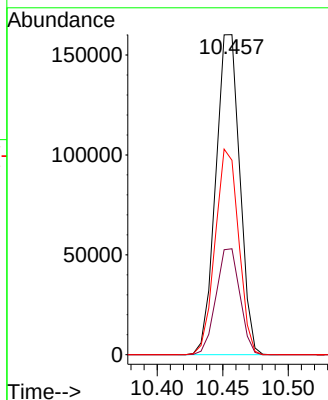
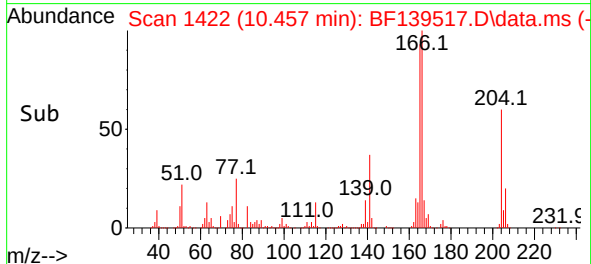


Tgt Ion:204 Resp: 204000
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 60.8 53.9 80.9

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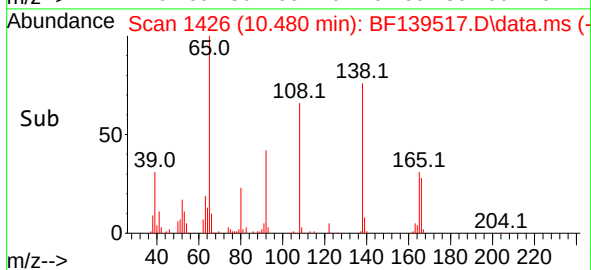
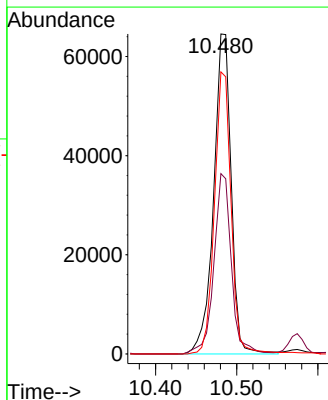
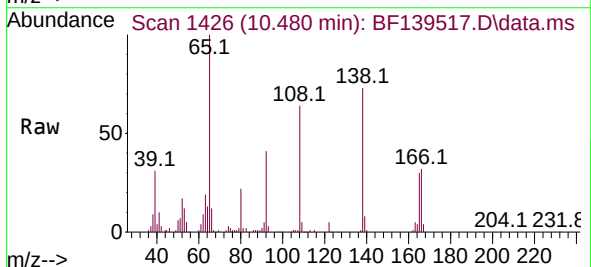
Reviewed By :Yogesh
Patel
09/25/2024

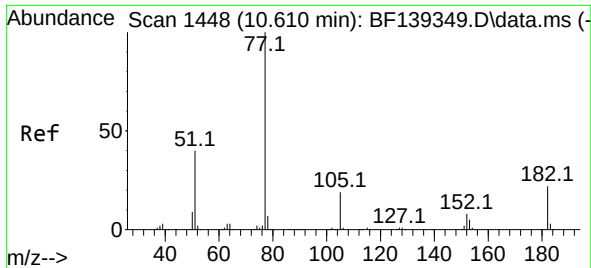
Supervised By :mohammad
ahmed
09/25/2024



#62
4-Nitroaniline
Concen: 43.019 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

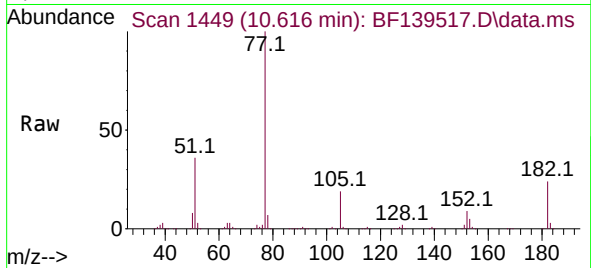
Tgt Ion:138 Resp: 97247
Ion Ratio Lower Upper
138 100
92 56.4 37.0 77.0
108 88.1 84.4 124.4





#63
Azobenzene
Concen: 46.219 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :
BNA_F
ClientSampleId :
PB163555BS

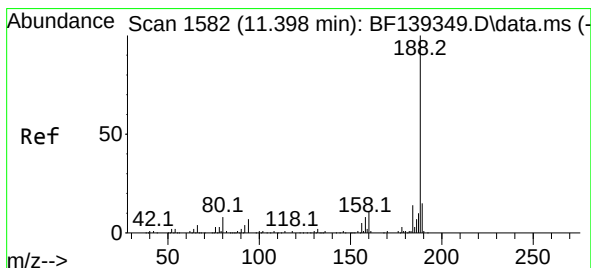
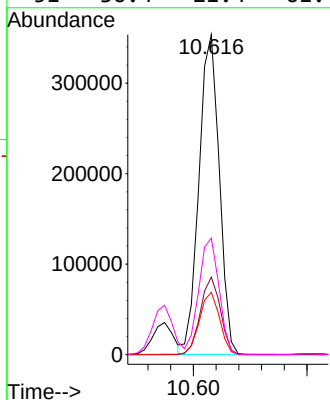


Tgt Ion: 77 Resp: 438880
Ion Ratio Lower Upper
77 100
182 24.3 1.8 41.8
105 19.5 0.0 38.6
51 36.4 21.4 61.4

Manual Integrations
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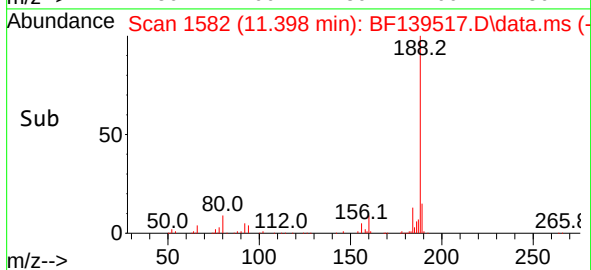
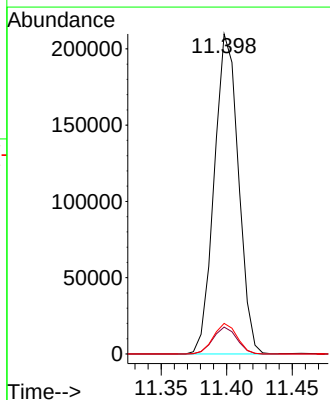
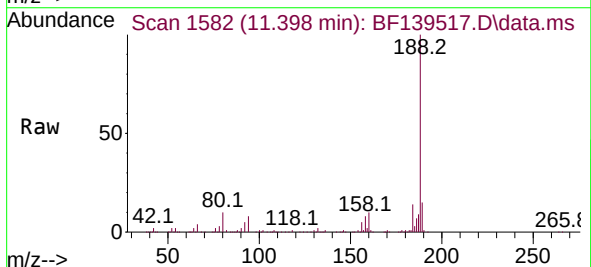
Reviewed By :Yogesh
Patel
09/25/2024

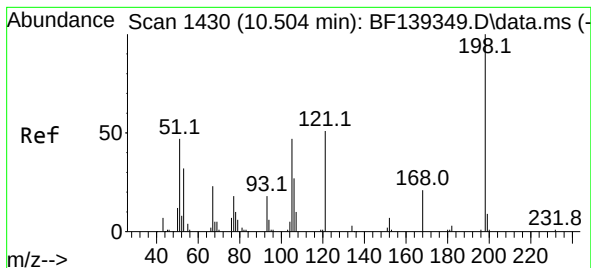
Supervised By :mohammad
ahmed
09/25/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

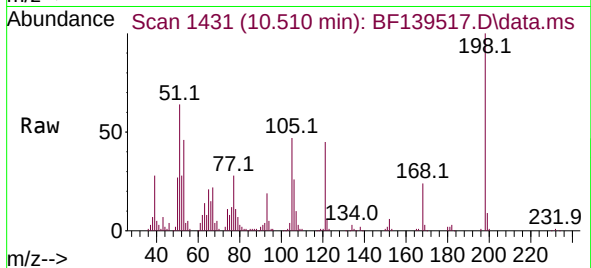
Tgt Ion:188 Resp: 268800
Ion Ratio Lower Upper
188 100
94 8.4 5.5 8.3#
80 9.6 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 49.463 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :
BNA_F
ClientSampleId :
PB163555BS

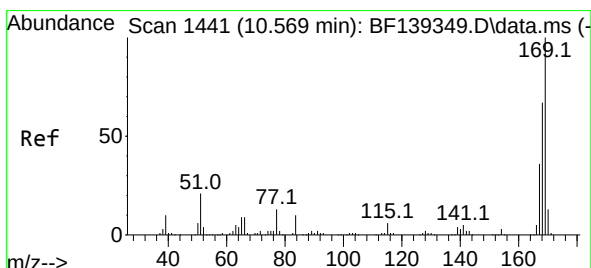
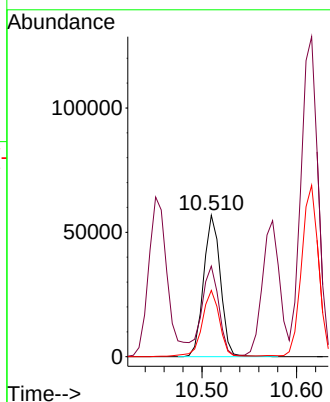
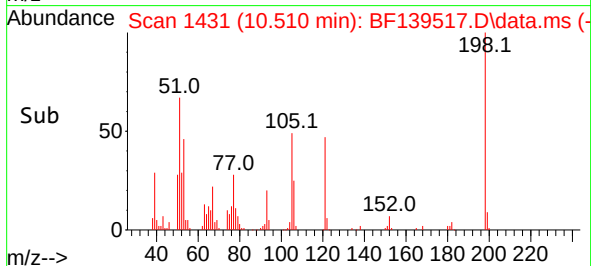


Tgt Ion:198 Resp: 70172
Ion Ratio Lower Upper
198 100
51 64.1 50.4 90.4
105 46.8 28.3 68.3

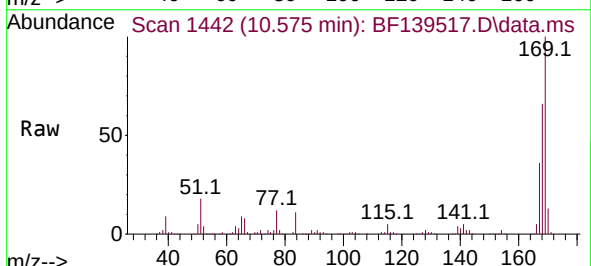
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Reviewed By :Yogesh
Patel
09/25/2024

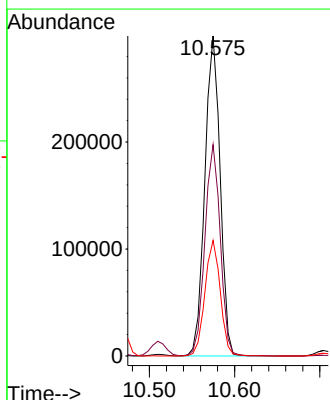
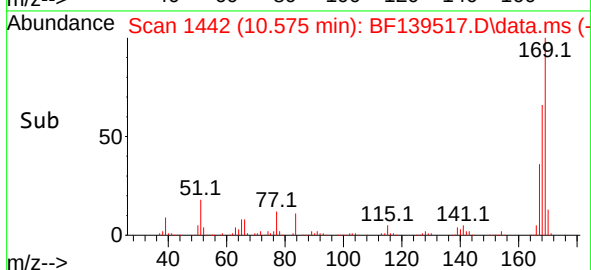
Supervised By :mohammad
ahmed
09/25/2024

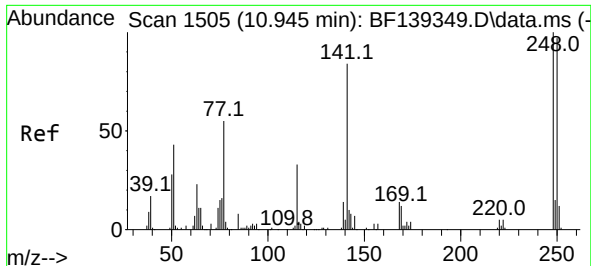


#66
n-Nitrosodiphenylamine
Concen: 47.422 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29



Tgt Ion:169 Resp: 372679
Ion Ratio Lower Upper
169 100
168 66.1 53.6 80.4
167 36.1 28.7 43.1





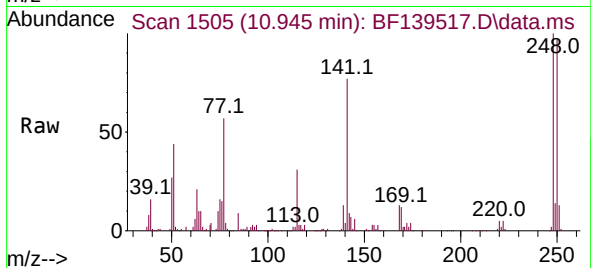
#67
4-Bromophenyl-phenylether
Concen: 46.307 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion:248 Resp: 123349
Ion Ratio Lower Upper
248 100
250 96.5 77.6 116.4
141 77.4 66.9 100.3

Manual Integrations
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Reviewed By :Yogesh

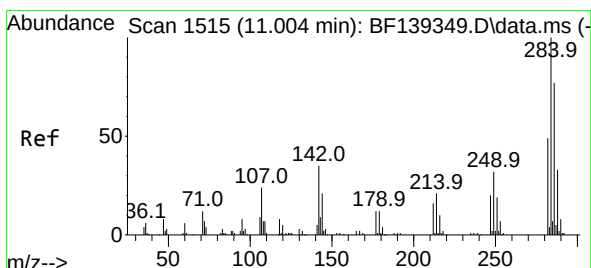
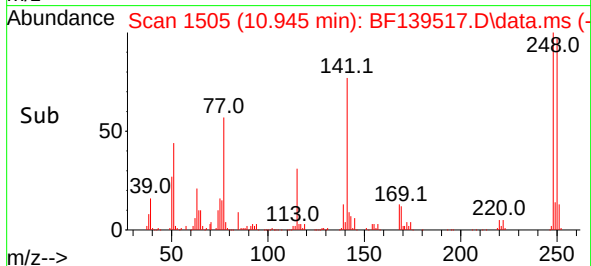
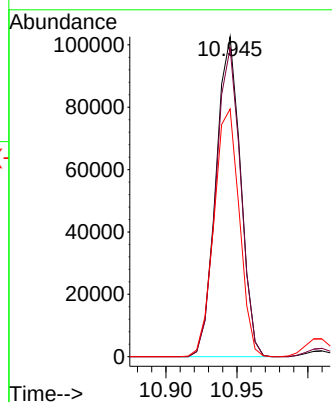
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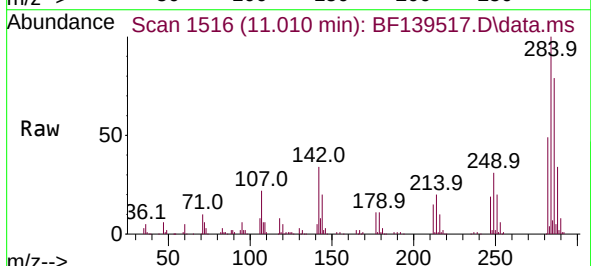
Supervised By :mohammad

ahmed

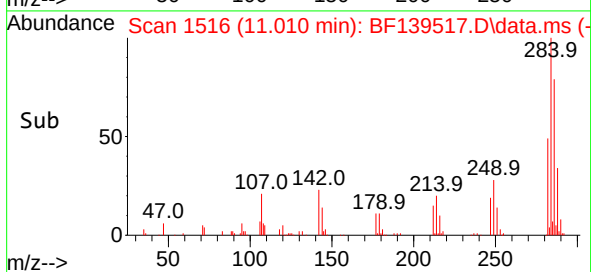
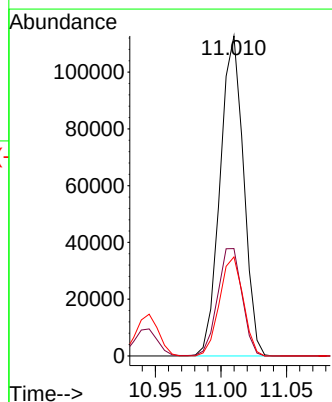
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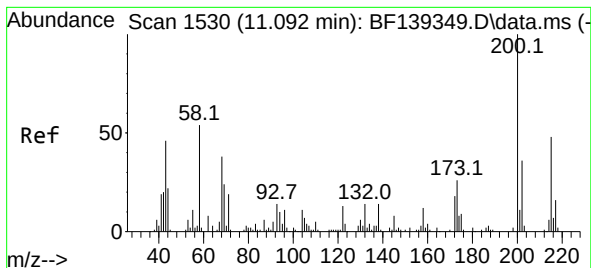


#68
Hexachlorobenzene
Concen: 44.853 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29



Tgt Ion:284 Resp: 140221
Ion Ratio Lower Upper
284 100
142 33.6 28.0 42.0
249 31.0 25.3 37.9





#69

Atrazine

Concen: 62.161 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139517.D

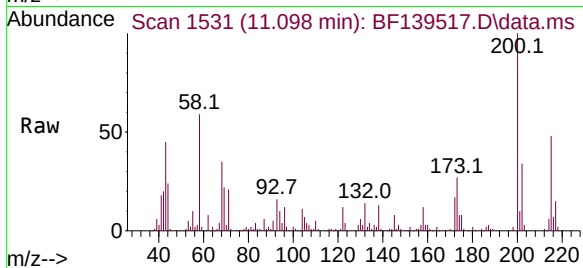
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion:	200	Resp:	11629
Ion Ratio	Lower	Upper	
200	100		
173	26.9	6.1	46.1
215	47.8	28.2	68.2

Manual Integrations

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Reviewed By :Yogesh

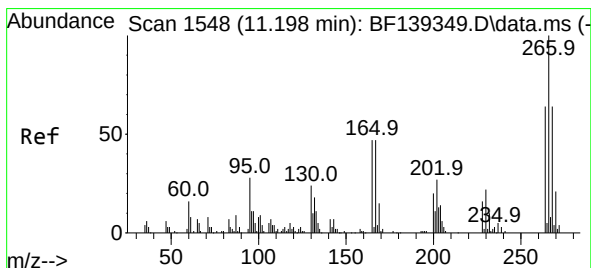
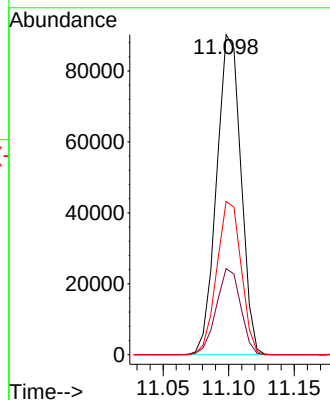
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Supervised By :mohammad

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#70

Pentachlorophenol

Concen: 82.490 ng

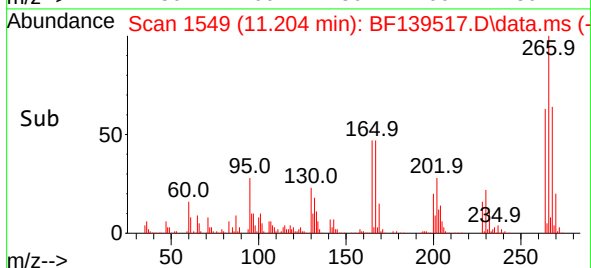
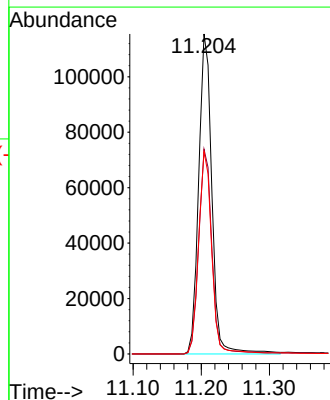
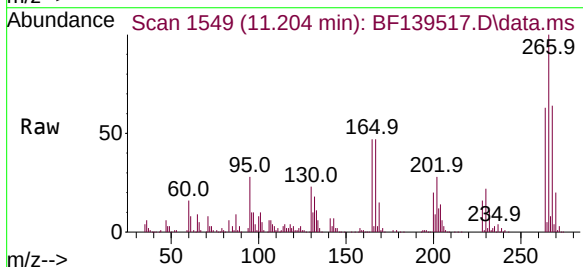
RT: 11.204 min Scan# 1549

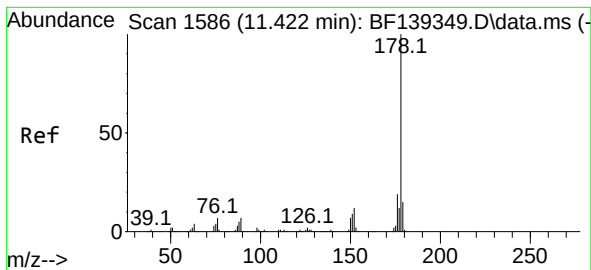
Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

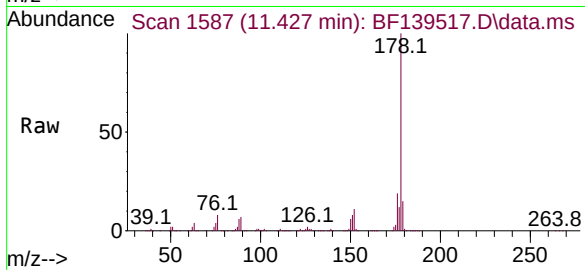
Tgt Ion:	266	Resp:	154740
Ion Ratio	Lower	Upper	
266	100		
268	64.0	51.1	76.7
264	63.2	51.4	77.0





#71
Phenanthrene
Concen: 47.181 ng
RT: 11.427 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :
BNA_F
ClientSampleId :
PB163555BS

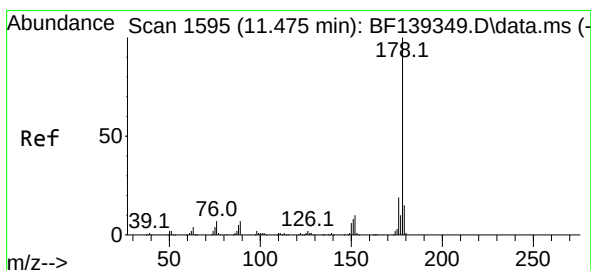
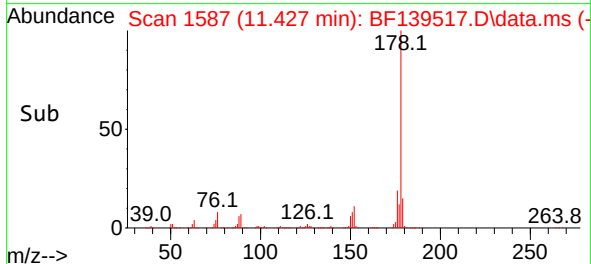
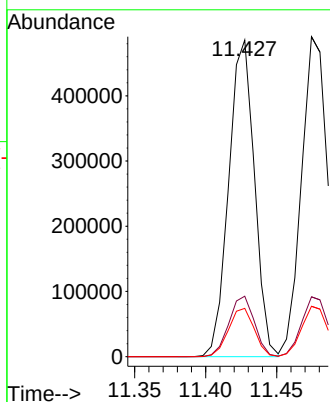


Tgt Ion:178 Resp: 611869
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.3 12.2 18.4

Manual Integrations
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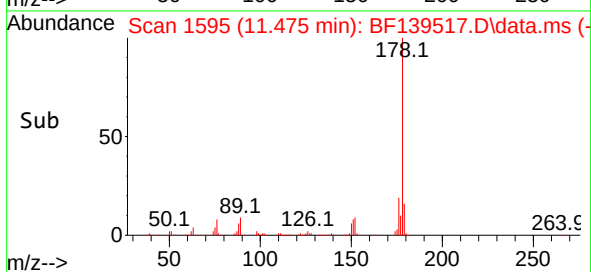
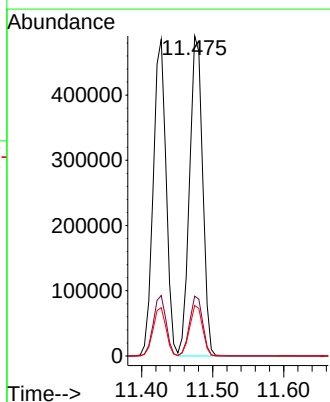
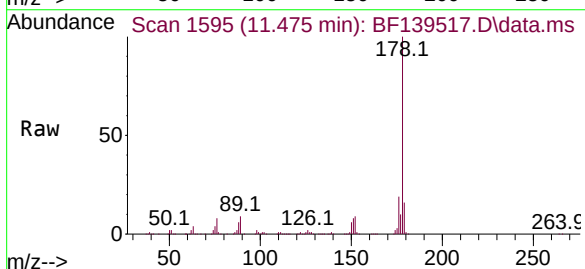
Reviewed By :Yogesh
Patel
09/25/2024

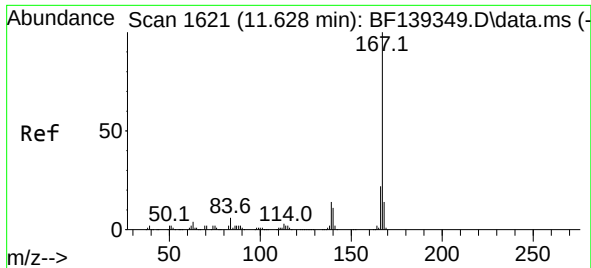
Supervised By :mohammad
ahmed
09/25/2024



#72
Anthracene
Concen: 49.418 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:178 Resp: 626602
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.7 12.0 18.0





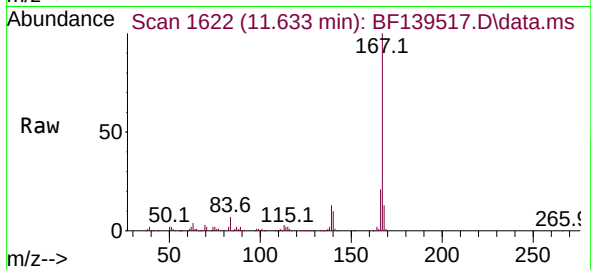
#73
 Carbazole
 Concen: 46.262 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.006 min
 Lab File: BF139517.D
 Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion:167 Resp: 561414
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.5 26.3
 139 12.9 10.9 16.3

Manual Integrations

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Reviewed By :Yogesh

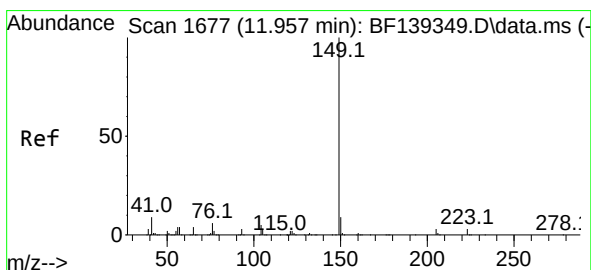
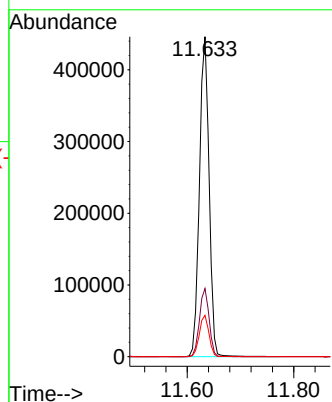
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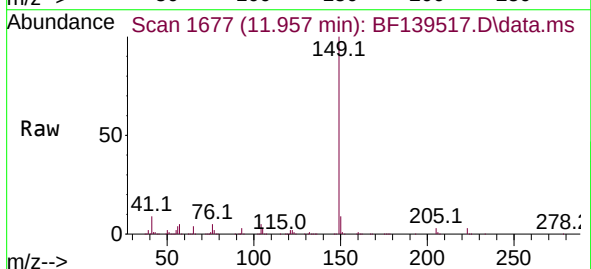
Supervised By :mohammad

ahmed

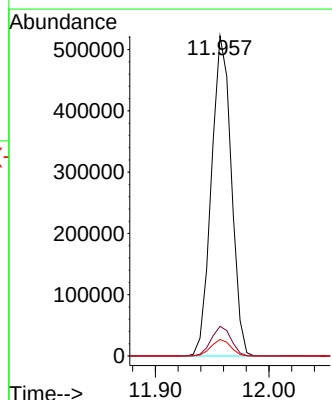
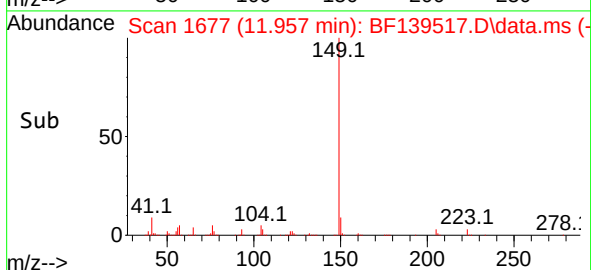
09/25/2024

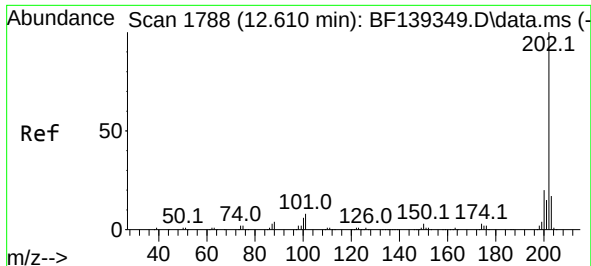


#74
 Di-n-butylphthalate
 Concen: 47.010 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139517.D
 Acq: 24 Sep 2024 13:29



Tgt Ion:149 Resp: 635519
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.2 4.3 6.5





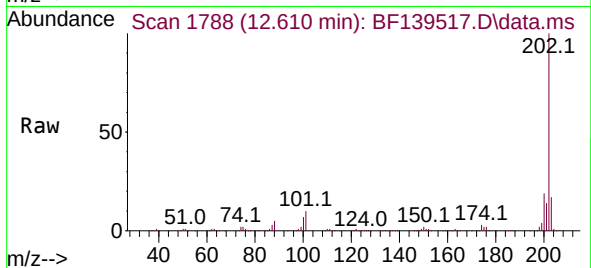
#75
Fluoranthene
Concen: 44.722 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion:202 Resp: 61936
Ion Ratio Lower Upper
202 100
101 9.5 0.0 27.7
203 17.2 0.0 37.4

Manual Integrations
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Reviewed By :Yogesh

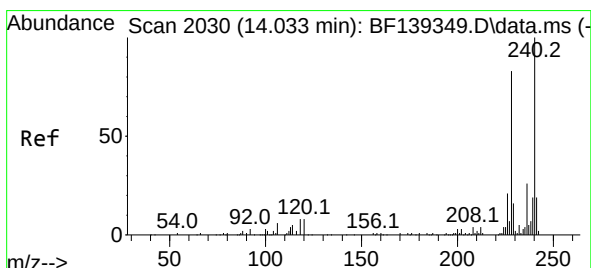
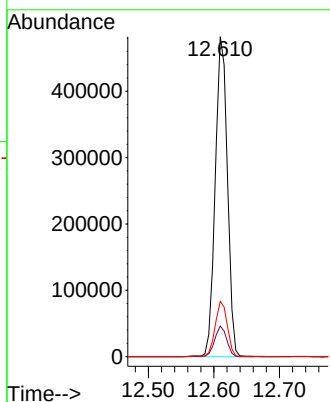
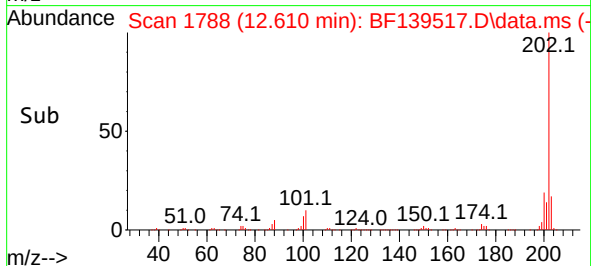
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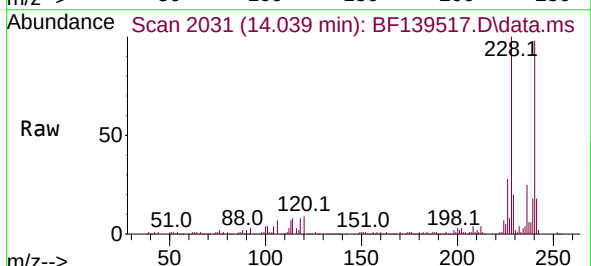
Supervised By :mohammad

ahmed

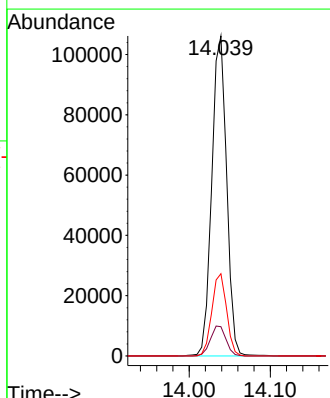
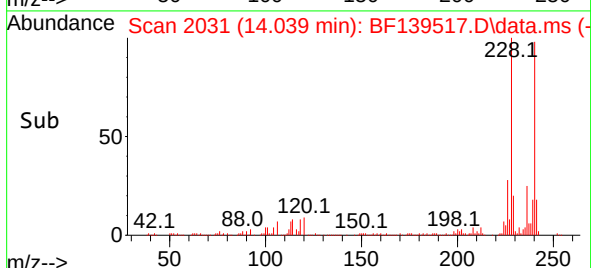
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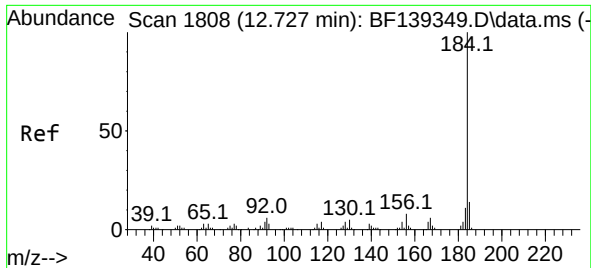


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29



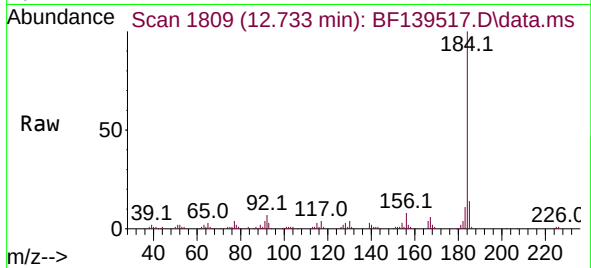
Tgt Ion:240 Resp: 134801
Ion Ratio Lower Upper
240 100
120 9.1 6.2 9.2
236 25.7 20.9 31.3





#77
Benzidine
Concen: 55.553 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :
BNA_F
ClientSampleId :
PB163555BS

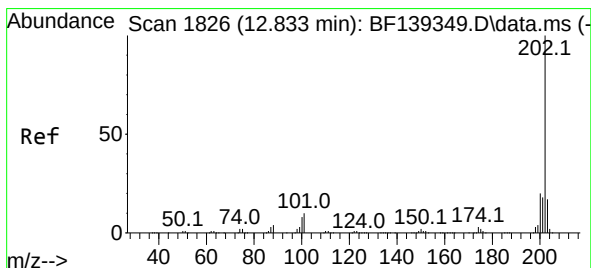
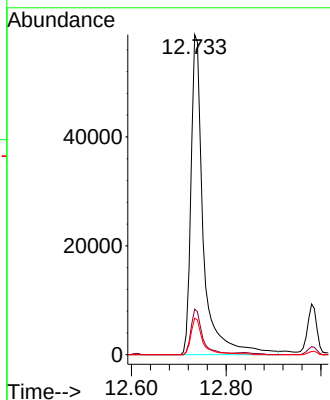
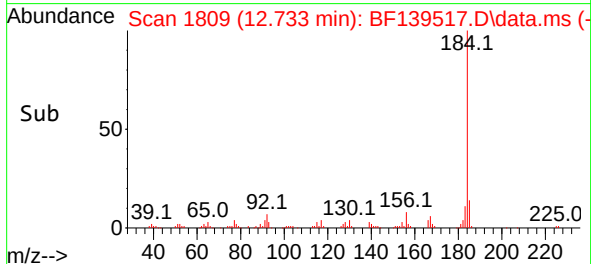


Tgt Ion:184 Resp: 107290
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.4 8.9 13.3

Manual Integrations
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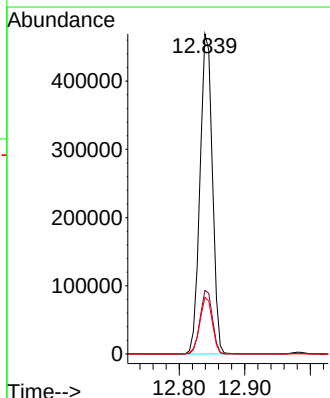
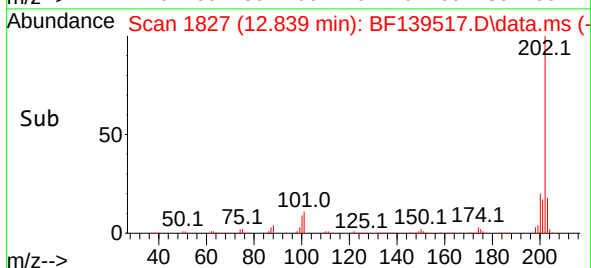
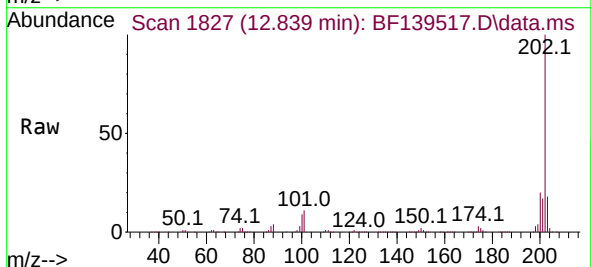
Reviewed By :Yogesh
Patel
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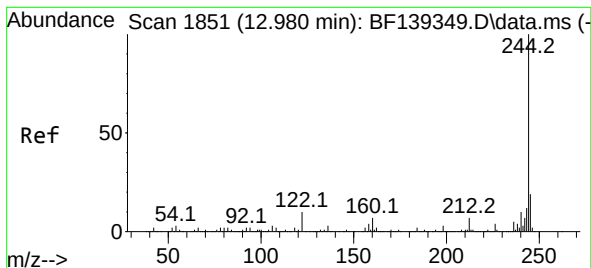
Supervised By :mohammad
ahmed
09/25/2024



#78
Pyrene
Concen: 53.447 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:202 Resp: 618617
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 99.095 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139517.D

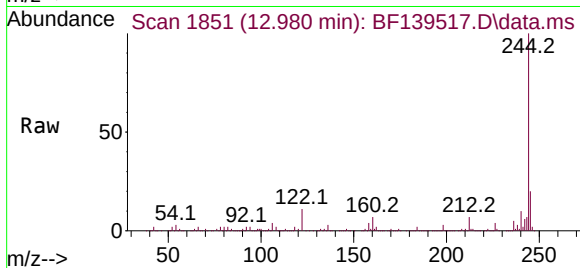
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion:	244	Resp:	813829
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.0	9.0
122	10.5	7.6	11.4

Manual Integrations

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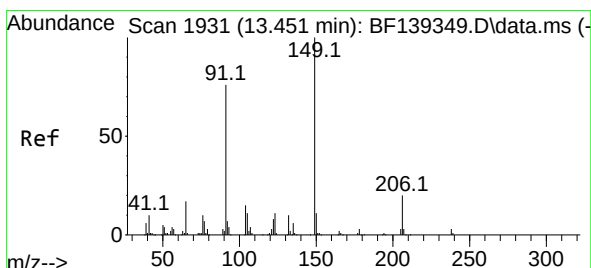
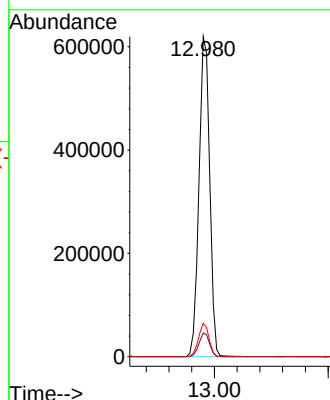
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#80

Butylbenzylphthalate

Concen: 49.211 ng

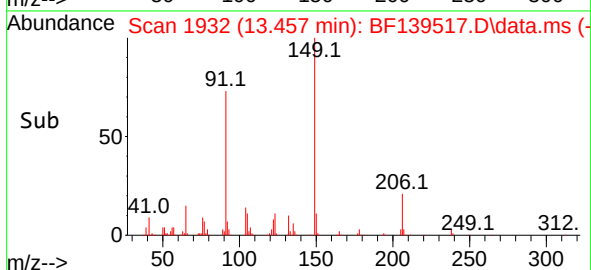
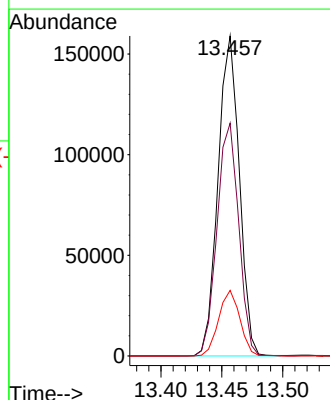
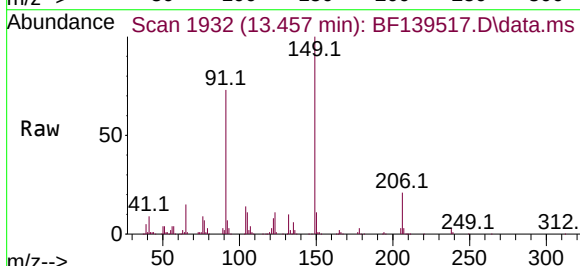
RT: 13.457 min Scan# 1932

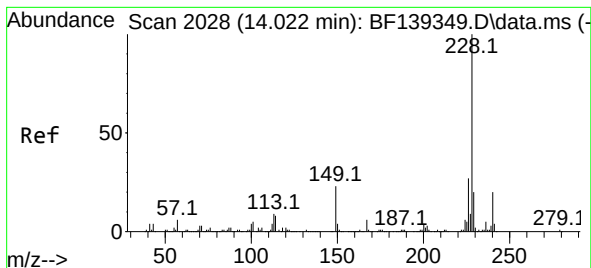
Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Tgt Ion:	149	Resp:	193877
Ion Ratio	Lower	Upper	
149	100		
91	72.7	60.9	91.3
206	20.5	15.8	23.8





#81

Benzo(a)anthracene

Concen: 48.510 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139517.D

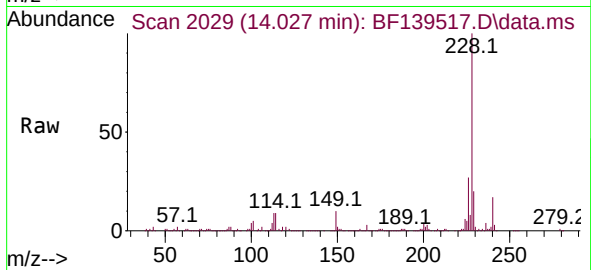
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion:228 Resp: 43315

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 19.7 15.7 23.5

Manual Integrations

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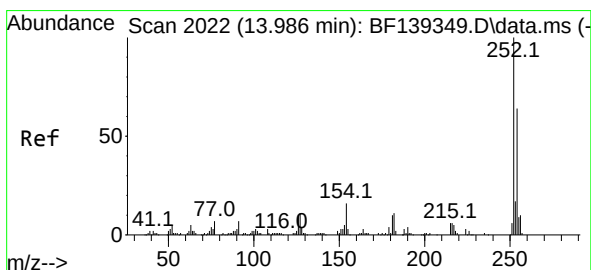
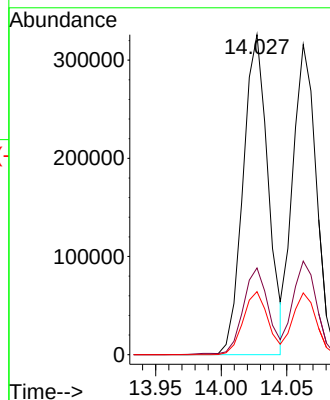
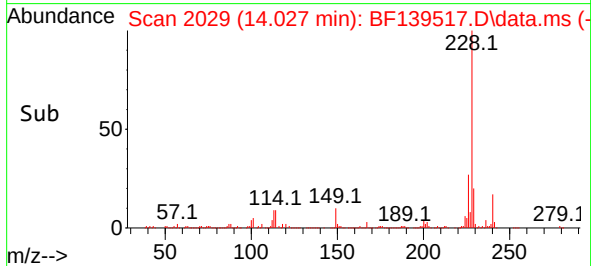
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#82

3,3'-Dichlorobenzidine

Concen: 37.649 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

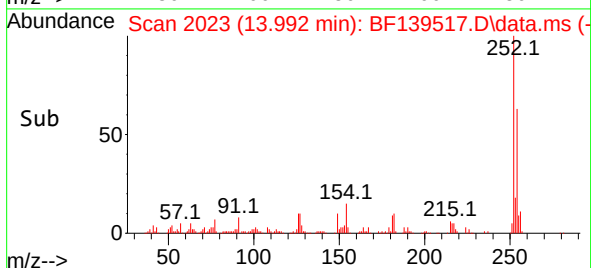
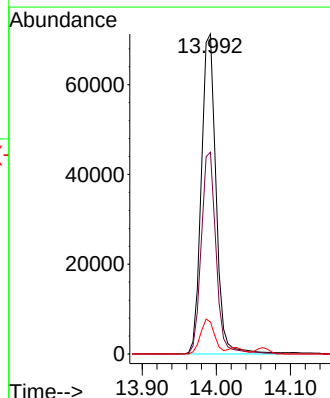
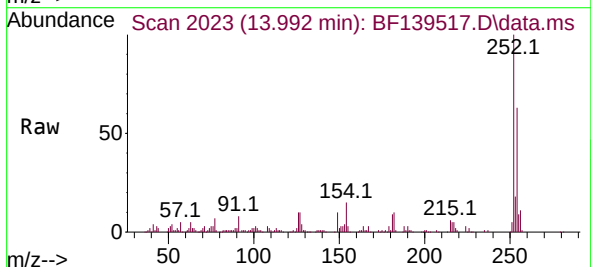
Tgt Ion:252 Resp: 98449

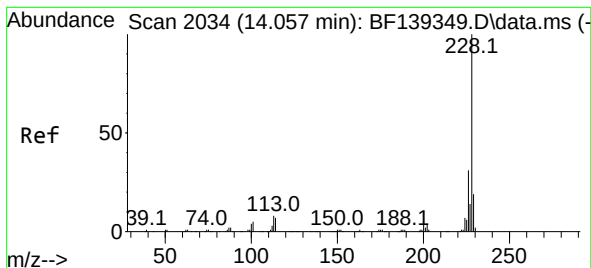
Ion Ratio Lower Upper

252 100

254 63.1 51.4 77.2

126 10.0 7.7 11.5





#83

Chrysene

Concen: 47.977 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139517.D

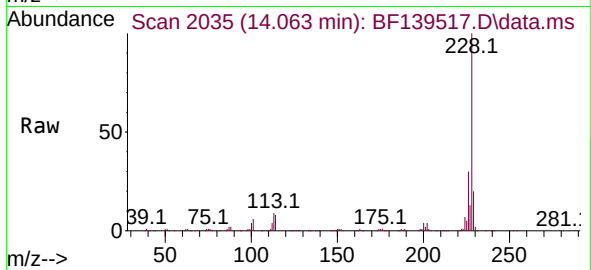
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion:228 Resp: 394130

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.9	15.4	23.0

Manual Integrations

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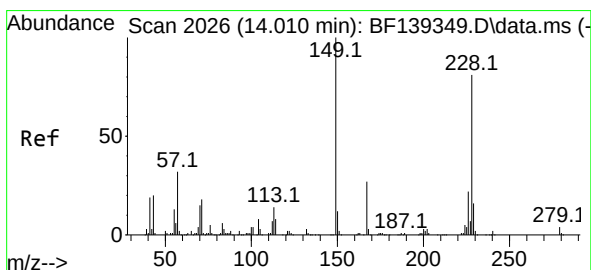
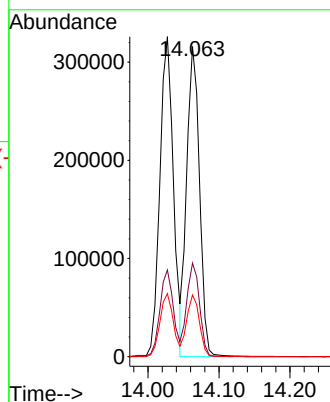
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#84

Bis(2-ethylhexyl)phthalate

Concen: 44.689 ng

RT: 14.010 min Scan# 2026

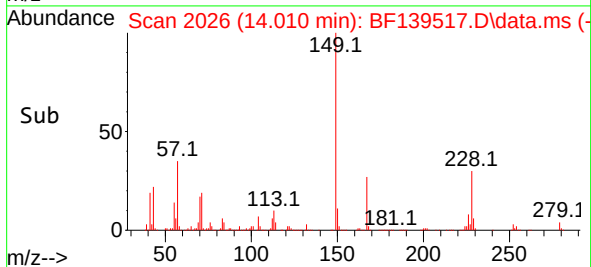
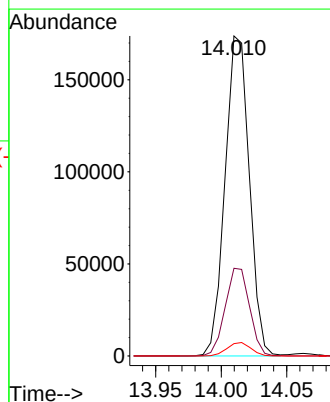
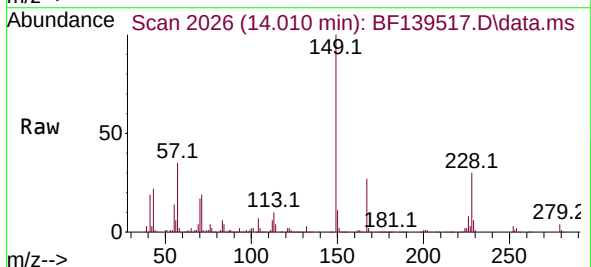
Delta R.T. -0.000 min

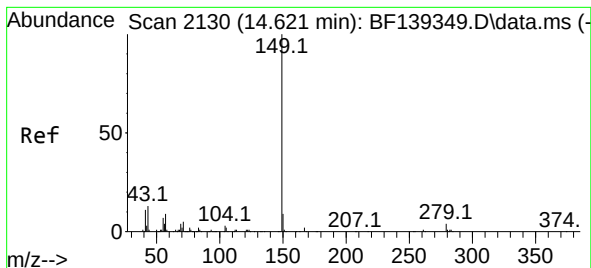
Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

Tgt Ion:149 Resp: 223975

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.6	32.4
279	3.9	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 46.327 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139517.D

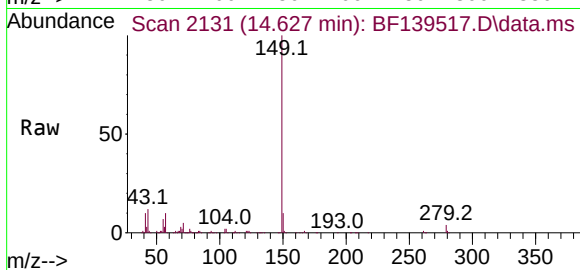
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion:149 Resp: 341939

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.7 10.6 16.0

Manual Integrations

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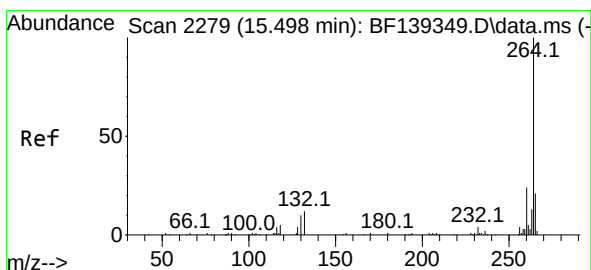
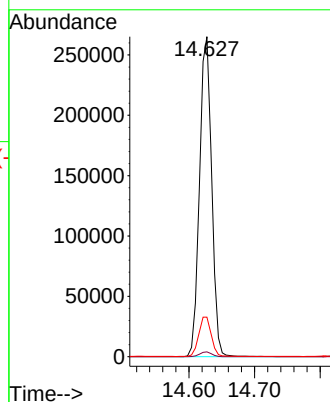
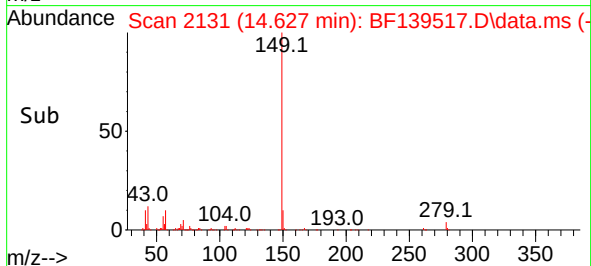
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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

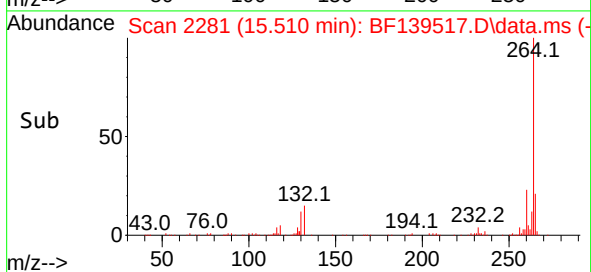
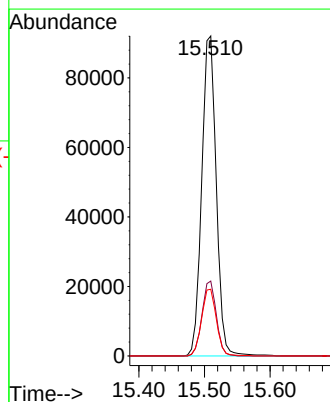
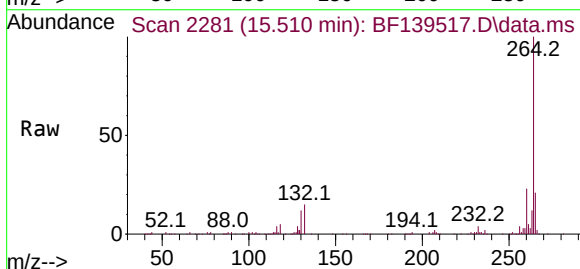
Tgt Ion:264 Resp: 142178

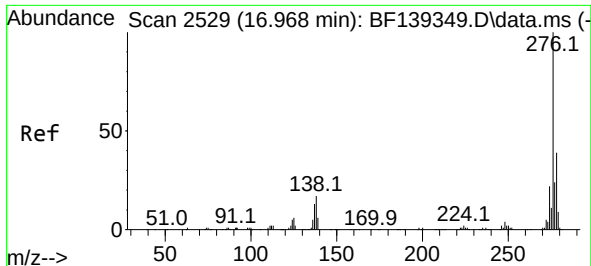
Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 20.8 16.6 25.0





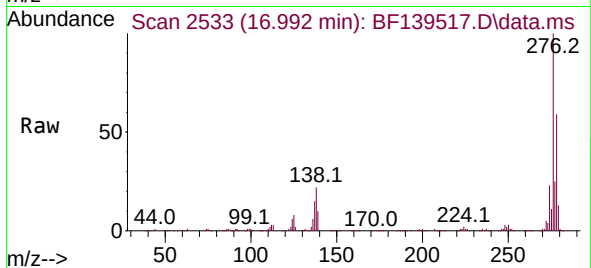
#87
Indeno(1,2,3-cd)pyrene
Concen: 54.742 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion:276 Resp: 46280
Ion Ratio Lower Upper
276 100
138 23.1 15.4 23.2
277 25.2 20.4 30.6

Manual Integrations
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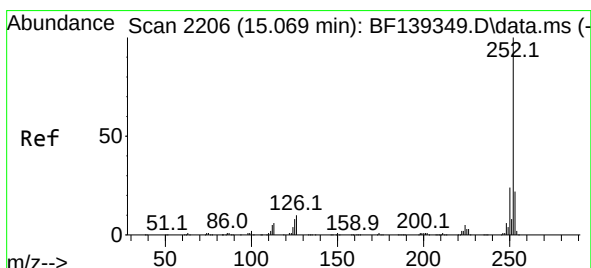
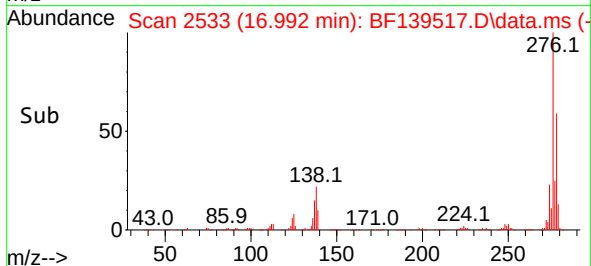
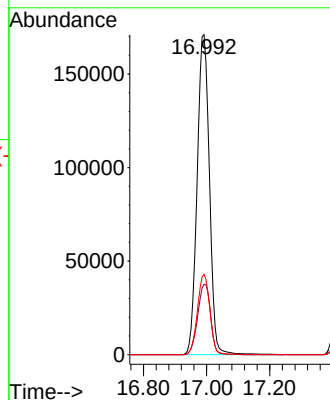
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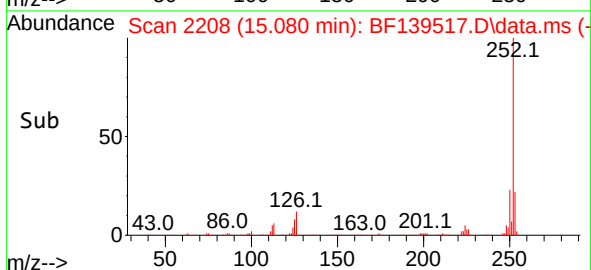
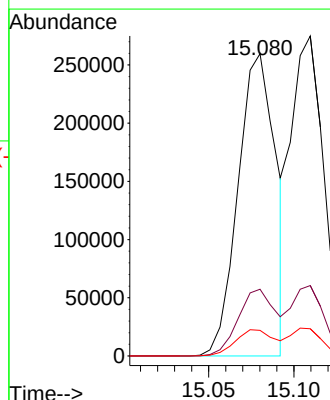
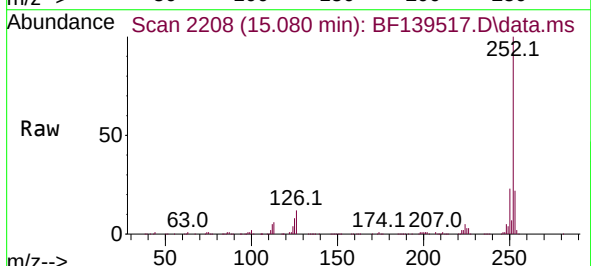
ahmed

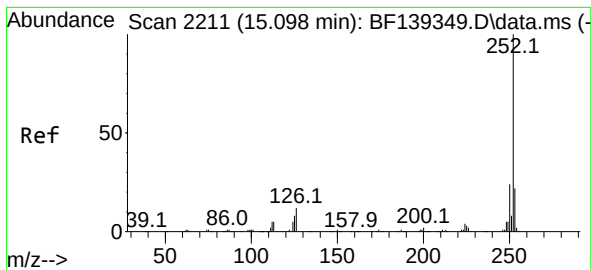
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#88
Benzo(b)fluoranthene
Concen: 45.521 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Tgt Ion:252 Resp: 399158
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.5 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 45.942 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139517.D

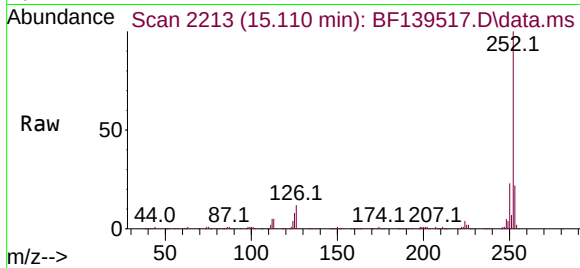
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion:252 Resp: 371434

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 8.5 5.9 8.9

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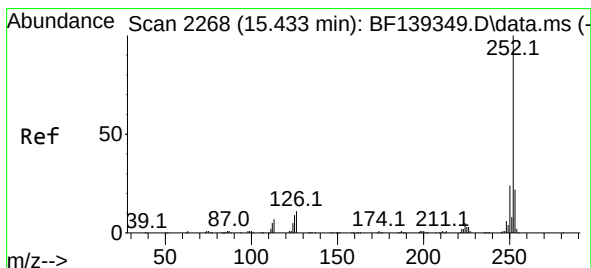
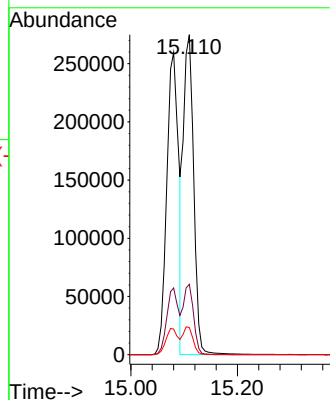
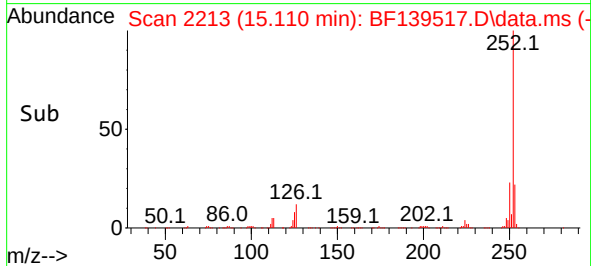
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#90

Benzo(a)pyrene

Concen: 51.497 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF139517.D

Acq: 24 Sep 2024 13:29

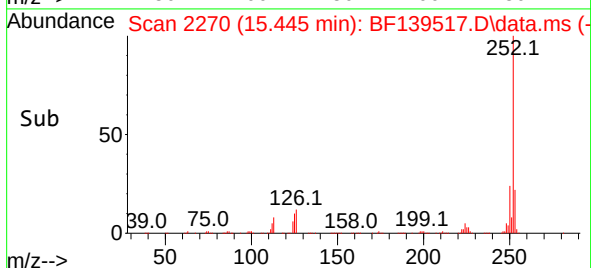
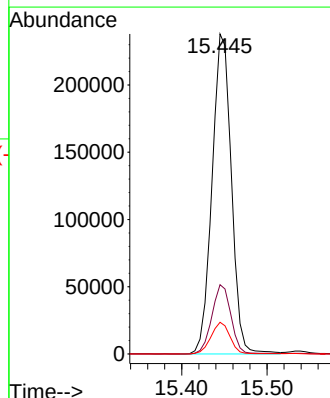
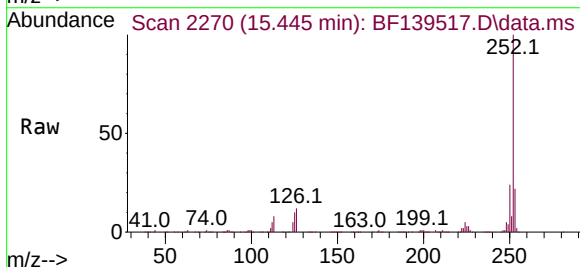
Tgt Ion:252 Resp: 374496

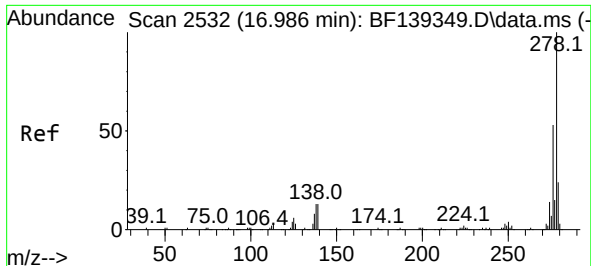
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.9 6.8 10.2





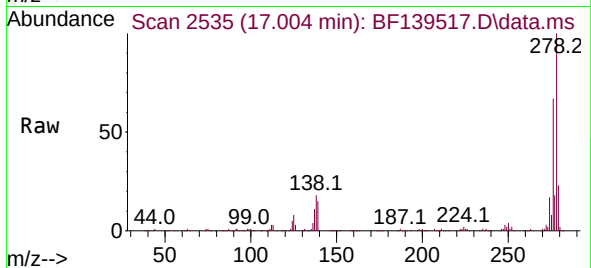
#91
Dibenzo(a,h)anthracene
Concen: 53.611 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29

Instrument :

BNA_F

ClientSampleId :

PB163555BS



Tgt Ion:278 Resp: 374530
Ion Ratio Lower Upper
278 100
139 14.9 10.2 15.2
279 23.1 18.9 28.3

Manual Integrations

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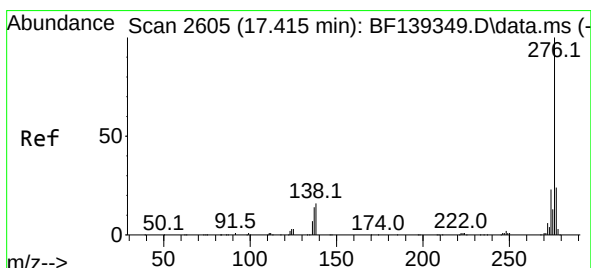
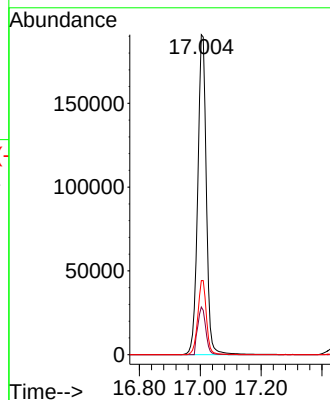
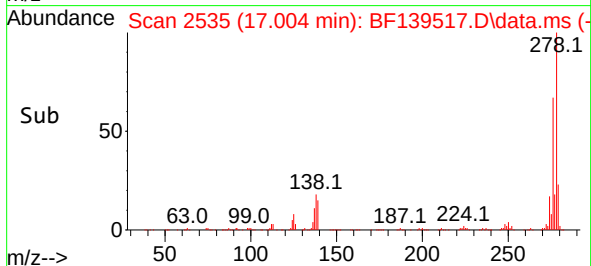
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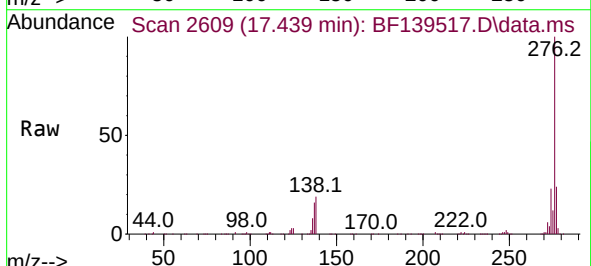
Supervised By :mohammad

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#92
Benzo(g,h,i)perylene
Concen: 51.246 ng
RT: 17.439 min Scan# 2609
Delta R.T. 0.023 min
Lab File: BF139517.D
Acq: 24 Sep 2024 13:29



Tgt Ion:276 Resp: 354471
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 18.8 13.0 19.6

