

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139461.D
 Acq On : 19 Sep 2024 13:27
 Operator : RC/JU
 Sample : PB163516BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163516BS

Quant Time: Sep 19 13:58:03 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

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 09/21/2024

Supervised By :mohammad
 ahmed
 09/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	79476	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	294976	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	162832	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	289025	20.000	ng	0.00
76) Chrysene-d12	14.033	240	150837	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	150353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	579167	118.881	ng	0.02
7) Phenol-d6	6.510	99	761475	119.082	ng	0.00
23) Nitrobenzene-d5	7.445	82	515094	82.092	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	200398	115.600	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	938766	80.859	ng	0.00
79) Terphenyl-d14	12.980	244	854167	92.949	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	72888	37.291	ng	98
3) Pyridine	3.516	79	189142	43.890	ng	98
4) n-Nitrosodimethylamine	3.481	42	150007	40.160	ng	86
6) Aniline	6.540	93	222428	46.092	ng	# 83
8) 2-Chlorophenol	6.663	128	221690	44.206	ng	99
9) Benzaldehyde	6.428	77	44315	11.995	ng	94
10) Phenol	6.528	94	285763	43.877	ng	93
11) bis(2-Chloroethyl)ether	6.616	93	209772	42.378	ng	99
12) 1,3-Dichlorobenzene	6.822	146	236889	41.535	ng	98
13) 1,4-Dichlorobenzene	6.898	146	239803	41.608	ng	100
14) 1,2-Dichlorobenzene	7.045	146	229785	42.194	ng	98
15) Benzyl Alcohol	7.022	79	218952	42.917	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	390320	51.165	ng	98
17) 2-Methylphenol	7.134	107	178921	44.905	ng	99
18) Hexachloroethane	7.393	117	91650	41.750	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	169210	44.654	ng	99
20) 3+4-Methylphenols	7.287	107	229948	42.301	ng	# 88
22) Acetophenone	7.287	105	313939	40.710	ng	99
24) Nitrobenzene	7.463	77	259252	40.145	ng	98
25) Isophorone	7.698	82	450781	45.427	ng	99
26) 2-Nitrophenol	7.775	139	116321	46.233	ng	95
27) 2,4-Dimethylphenol	7.810	122	178472	53.777	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	256316	45.321	ng	98
29) 2,4-Dichlorophenol	8.016	162	185670	44.038	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	199373	40.585	ng	99
31) Naphthalene	8.181	128	650550	42.245	ng	99
32) Benzoic acid	7.934	122	119212	38.384	ng	96
33) 4-Chloroaniline	8.228	127	105728	22.442	ng	99
34) Hexachlorobutadiene	8.298	225	130978	39.245	ng	99
35) Caprolactam	8.604	113	57200m	44.104	ng	
36) 4-Chloro-3-methylphenol	8.716	107	207720	43.110	ng	97
37) 2-Methylnaphthalene	8.875	142	423122	43.288	ng	99
38) 1-Methylnaphthalene	8.975	142	393599	41.016	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	203651	42.200	ng	99
41) Hexachlorocyclopentadiene	9.022	237	250778	148.832	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	140250	44.670	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	138933	41.951	ng	98
46) 1,1'-Biphenyl	9.339	154	530326	42.334	ng	99
47) 2-Chloronaphthalene	9.363	162	390840	41.728	ng	99
48) 2-Nitroaniline	9.457	65	150622	43.235	ng	99
49) Acenaphthylene	9.775	152	653338	46.338	ng	99
50) Dimethylphthalate	9.639	163	467101	43.706	ng	99
51) 2,6-Dinitrotoluene	9.698	165	103168	43.575	ng	97
52) Acenaphthene	9.951	154	469144	47.676	ng	99
53) 3-Nitroaniline	9.869	138	66233	27.992	ng	92
54) 2,4-Dinitrophenol	9.975	184	116136	88.031	ng	91
55) Dibenzofuran	10.122	168	591901	43.155	ng	97
56) 4-Nitrophenol	10.028	139	155458	79.402	ng	88
57) 2,4-Dinitrotoluene	10.104	165	137416	42.991	ng	99
58) Fluorene	10.463	166	463611	41.428	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	121893	44.493	ng	96
60) Diethylphthalate	10.333	149	475070	43.075	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	225213	41.410	ng	95
62) 4-Nitroaniline	10.481	138	97325	37.688	ng	92
63) Azobenzene	10.616	77	480944	44.337	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	74229	48.661	ng	96
66) n-Nitrosodiphenylamine	10.575	169	398654	47.177	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	132209	46.160	ng	98
68) Hexachlorobenzene	11.010	284	147375	43.843	ng	98
69) Atrazine	11.098	200	128099	63.677	ng	99
70) Pentachlorophenol	11.204	266	166350	82.473	ng	99
71) Phenanthrene	11.428	178	633170	45.407	ng	99
72) Anthracene	11.475	178	638377	46.824	ng	99
73) Carbazole	11.628	167	557076	42.692	ng	99
74) Di-n-butylphthalate	11.957	149	669000	46.024	ng	100
75) Fluoranthene	12.610	202	627482	42.138	ng	99
77) Benzidine	12.733	184	141705	65.572	ng	100
78) Pyrene	12.839	202	630733	48.700	ng	99
80) Butylbenzylphthalate	13.457	149	222229	50.411	ng	97
81) Benzo(a)anthracene	14.027	228	471152	47.156	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	102331	34.973	ng	99
83) Chrysene	14.063	228	420932	45.793	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	278107	49.591	ng	99
85) Di-n-octyl phthalate	14.621	149	428142	51.839	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	424446	47.475	ng	98
88) Benzo(b)fluoranthene	15.074	252	446898	48.194	ng	99
89) Benzo(k)fluoranthene	15.104	252	358505	41.932	ng	98
90) Benzo(a)pyrene	15.445	252	380851	49.523	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	345537	46.772	ng	99
92) Benzo(g,h,i)perylene	17.427	276	312491	42.721	ng	97

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

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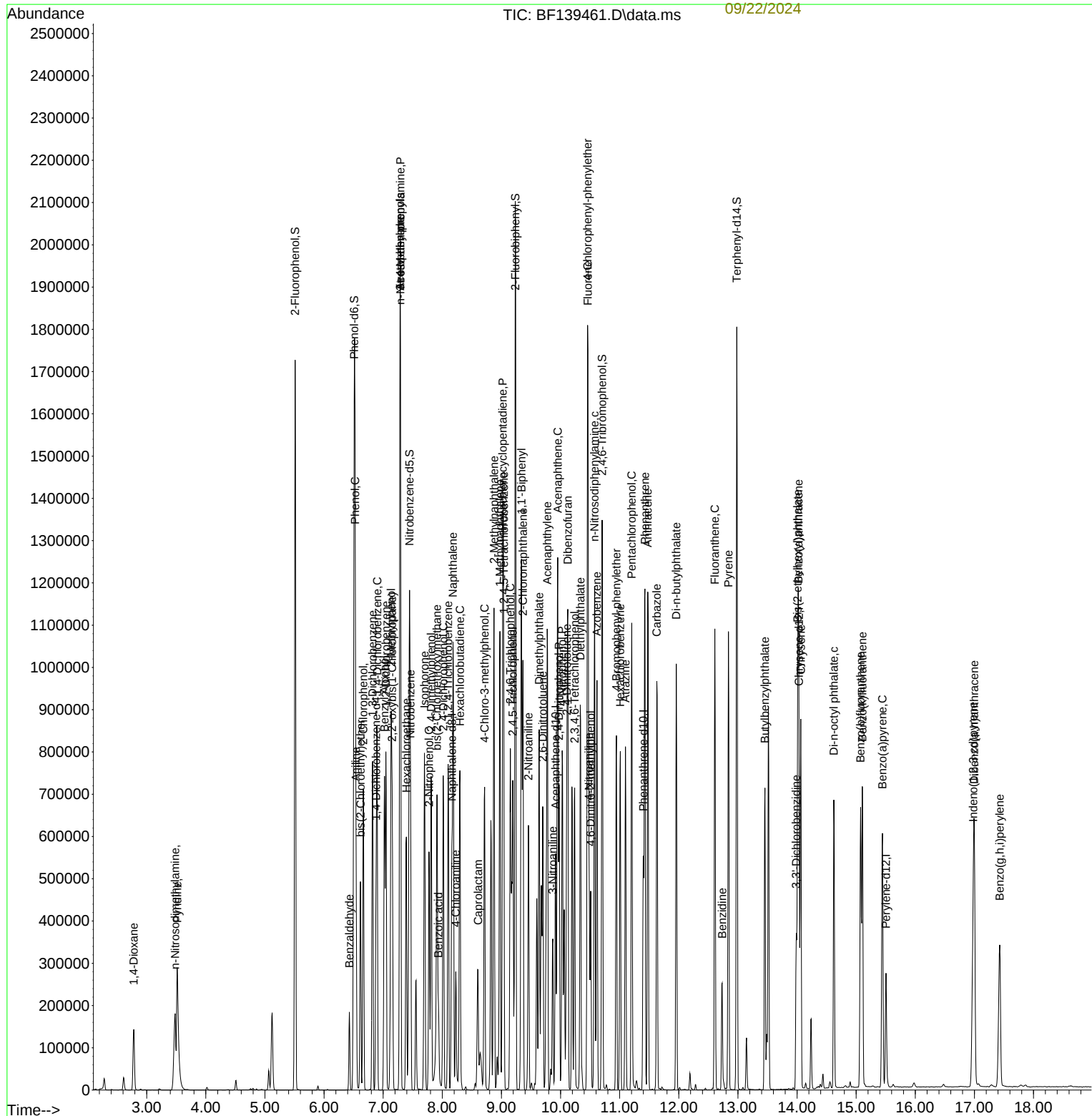
Instrument :
BNA_F
ClientSampleId :
PB163516BS

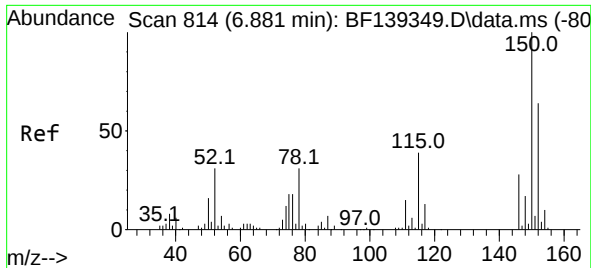
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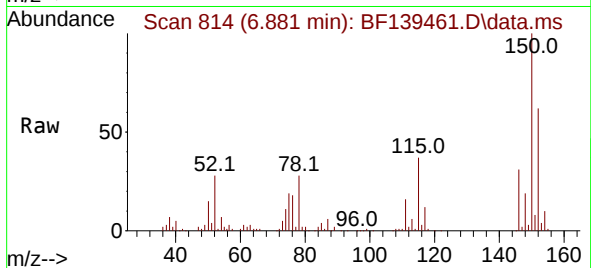
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

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ClientSampleId :

PB163516BS



Tgt Ion:152 Resp: 79470
Ion Ratio Lower Upper
152 100
150 162.6 124.1 186.1
115 60.8 48.1 72.1

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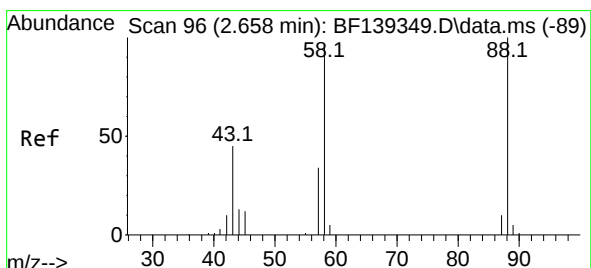
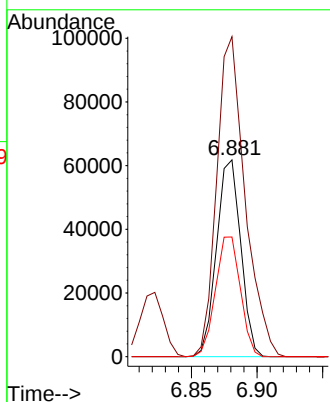
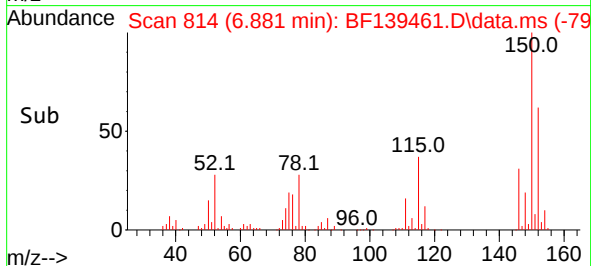
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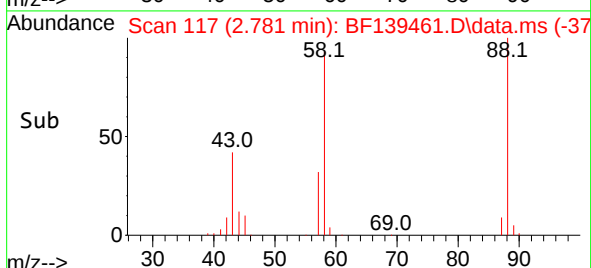
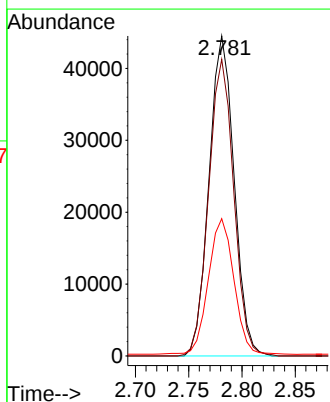
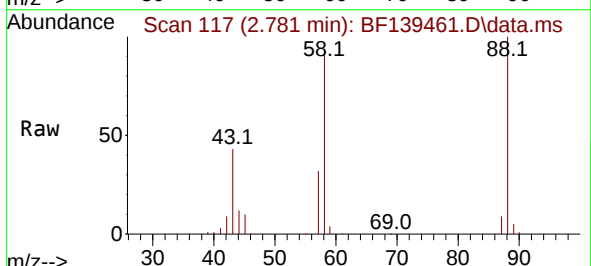
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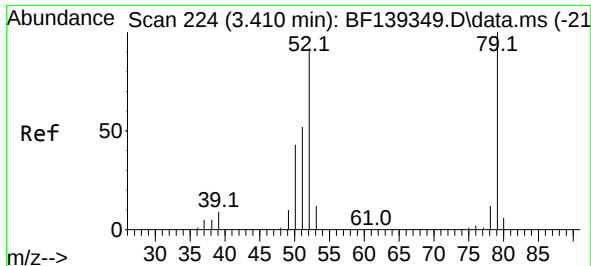
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#2
1,4-Dioxane
Concen: 37.291 ng
RT: 2.781 min Scan# 117
Delta R.T. 0.123 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion: 88 Resp: 72888
Ion Ratio Lower Upper
88 100
58 92.9 74.8 112.2
43 43.1 36.4 54.6





#3

Pyridine

Concen: 43.890 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.106 min

Lab File: BF139461.D

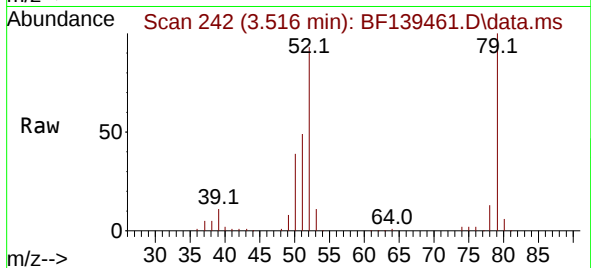
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:	79	Resp:	18914
Ion Ratio	Lower	Upper	
79	100		
52	92.8	73.8	110.8
51	49.3	41.8	62.6

Manual Integrations

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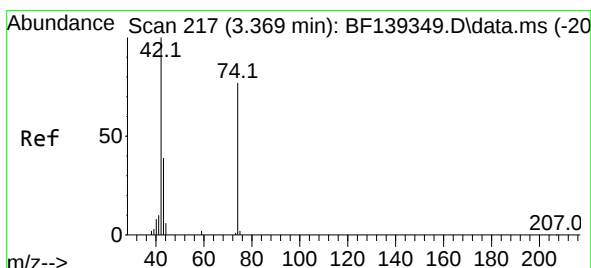
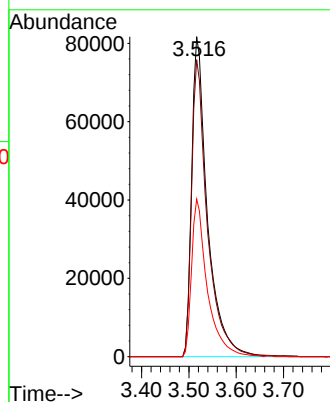
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#4

n-Nitrosodimethylamine

Concen: 40.160 ng

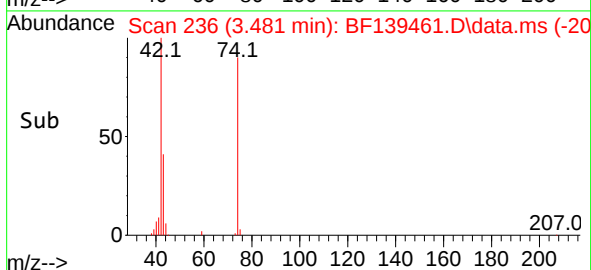
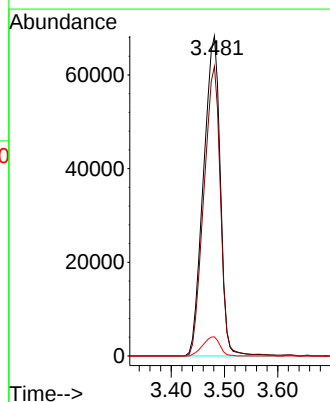
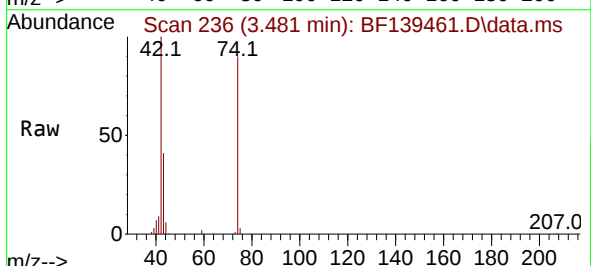
RT: 3.481 min Scan# 236

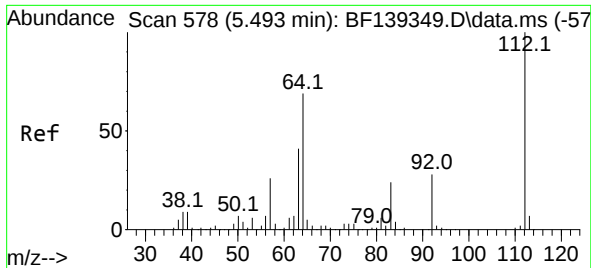
Delta R.T. 0.112 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Tgt Ion:	42	Resp:	150007
Ion Ratio	Lower	Upper	
42	100		
74	90.5	61.8	92.8
44	5.9	4.8	7.2





#5
2-Fluorophenol
Concen: 118.881 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:112 Resp: 57916
Ion Ratio Lower Upper
112 100
64 70.7 54.8 82.2
63 40.3 33.0 49.4

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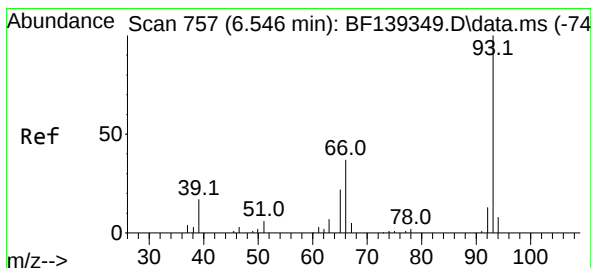
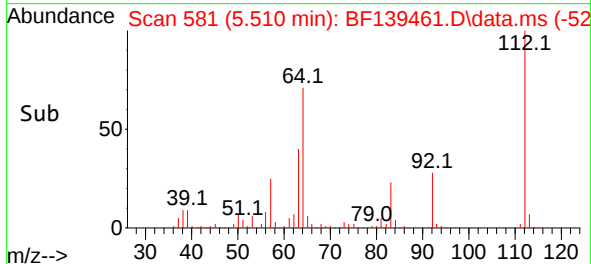
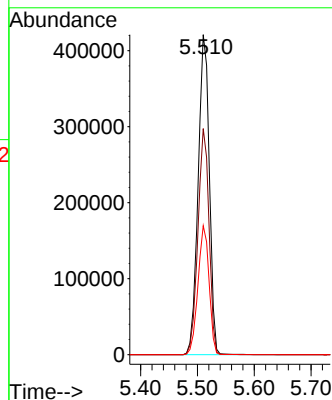
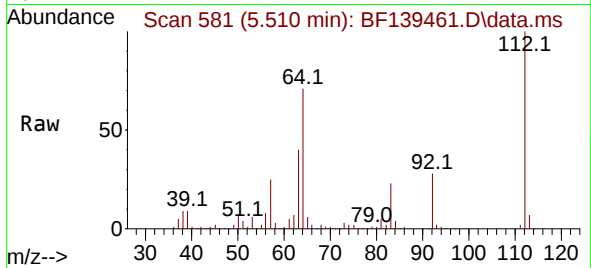
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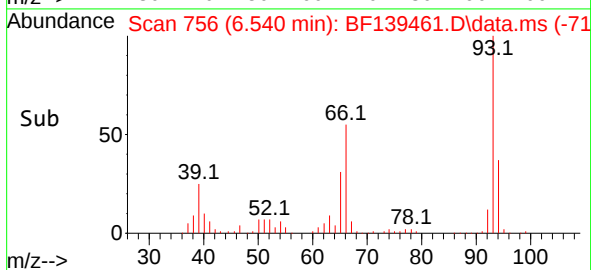
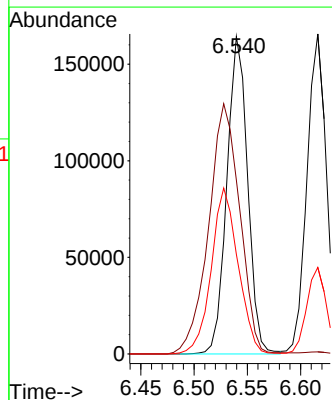
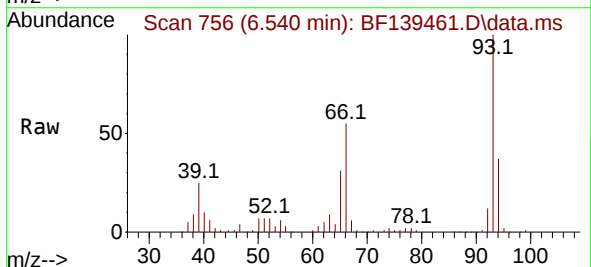
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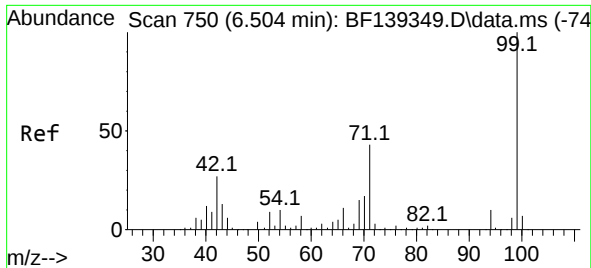
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#6
Aniline
Concen: 46.092 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

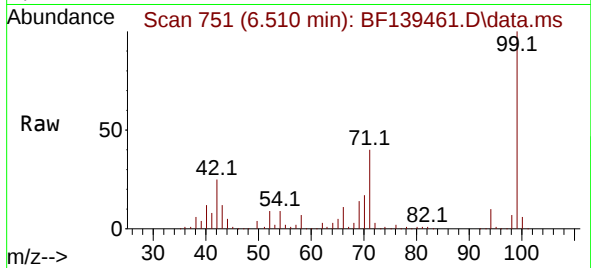
Tgt Ion: 93 Resp: 222428
Ion Ratio Lower Upper
93 100
66 54.8 35.4 53.0#
65 31.4 18.2 27.4#





#7
Phenol-d6
Concen: 119.082 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139461.D
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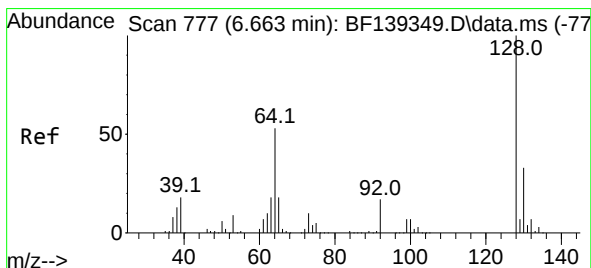
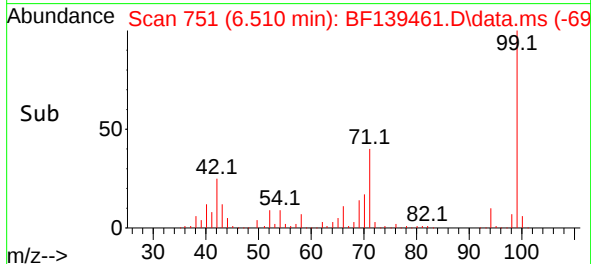
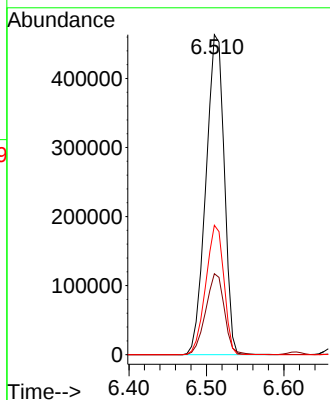


Tgt Ion: 99 Resp: 761475
Ion Ratio Lower Upper
99 100
42 25.3 21.9 32.9
71 40.5 34.6 52.0

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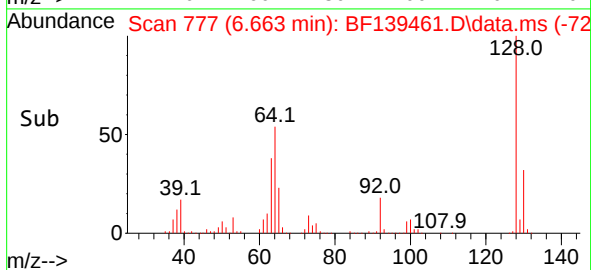
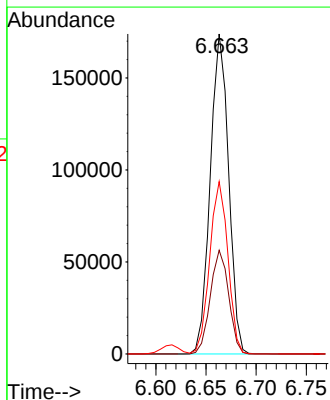
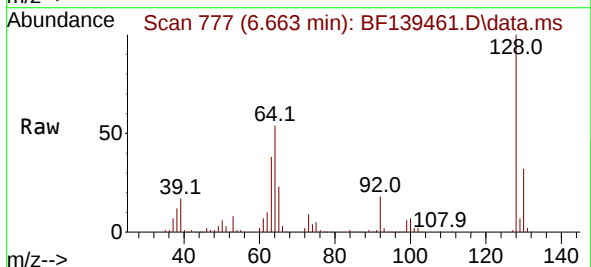
Reviewed By :Yogesh
Patel
09/21/2024

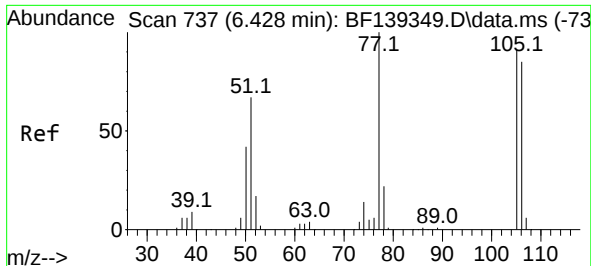
Supervised By :mohammad
ahmed
09/22/2024



#8
2-Chlorophenol
Concen: 44.206 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139461.D
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Tgt Ion:128 Resp: 221690
Ion Ratio Lower Upper
128 100
130 32.4 12.8 52.8
64 53.8 35.1 75.1





#9

Benzaldehyde

Concen: 11.995 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139461.D

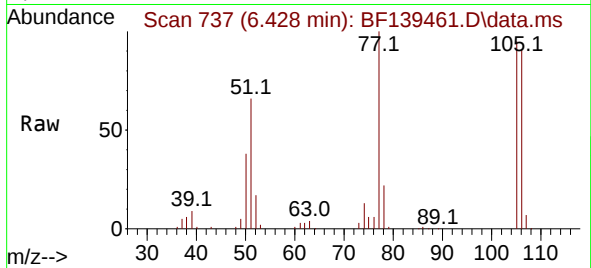
Acq: 19 Sep 2024 13:27

Instrument :

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Tgt Ion: 77	Resp: 4431
Ion Ratio	Lower Upper
77	100
105	95.0 71.0 111.0
106	91.5 64.9 104.9

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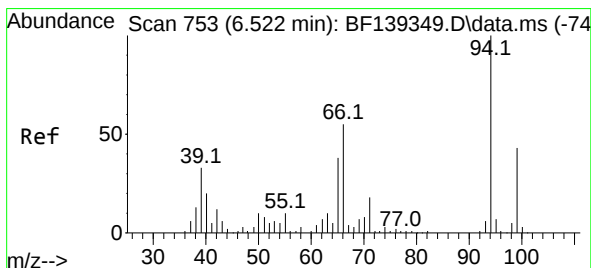
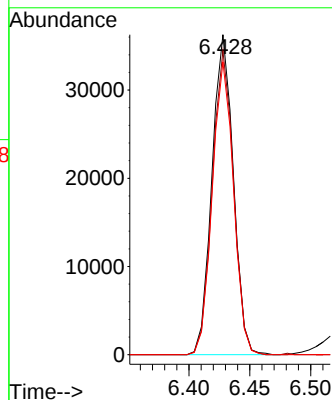
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#10

Phenol

Concen: 43.877 ng

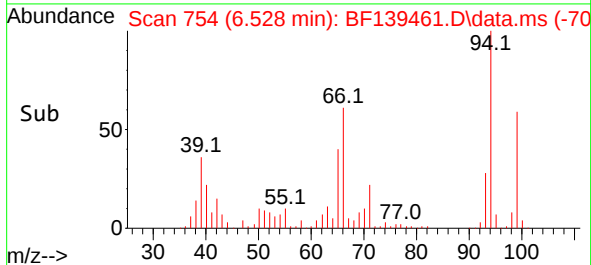
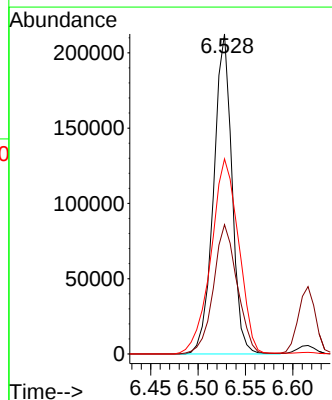
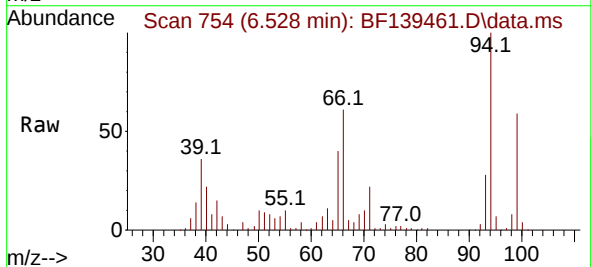
RT: 6.528 min Scan# 754

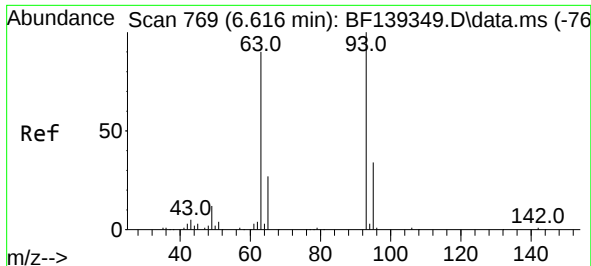
Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Tgt Ion: 94	Resp: 285763
Ion Ratio	Lower Upper
94	100
65	40.4 17.6 57.6
66	60.9 35.2 75.2





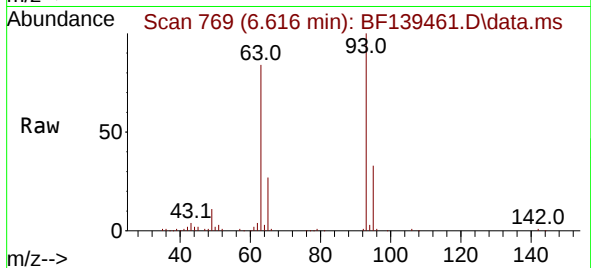
#11
bis(2-Chloroethyl)ether
Concen: 42.378 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion: 93 Resp: 209772
Ion Ratio Lower Upper
93 100
63 84.0 65.3 105.3
95 32.5 12.4 52.4

Manual Integrations
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Reviewed By :Yogesh

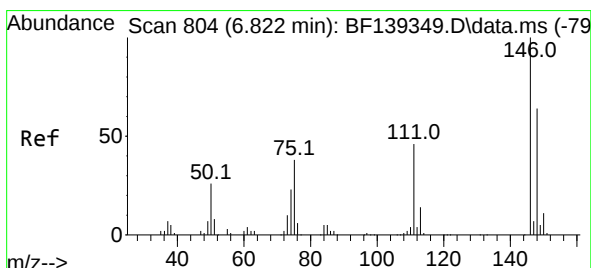
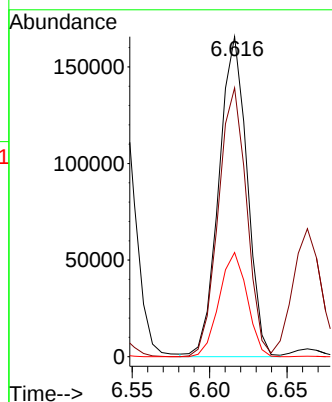
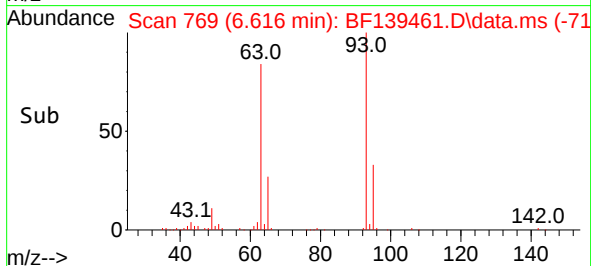
Patel

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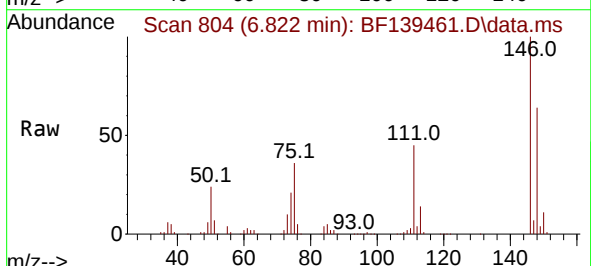
Supervised By :mohammad

ahmed

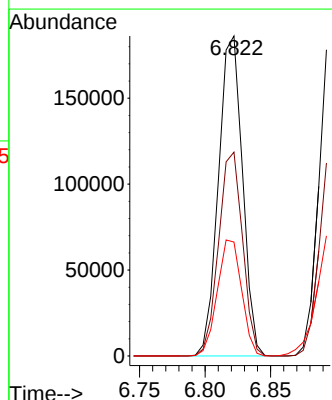
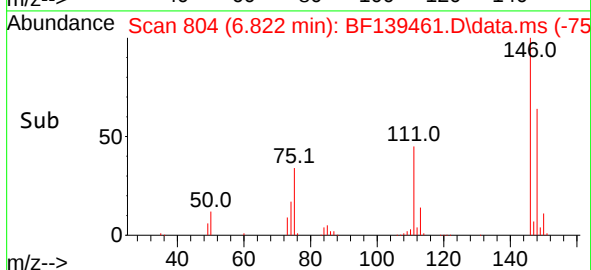
09/22/2024

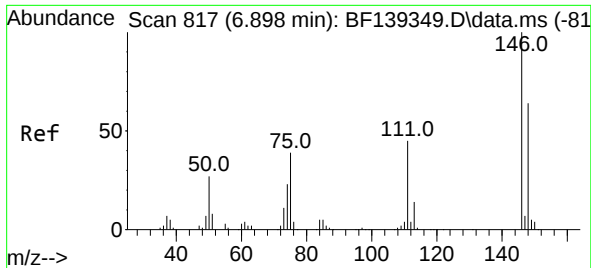


#12
1,3-Dichlorobenzene
Concen: 41.535 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27



Tgt Ion:146 Resp: 236889
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
75 35.6 30.6 46.0





#13
1,4-Dichlorobenzene
Concen: 41.608 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

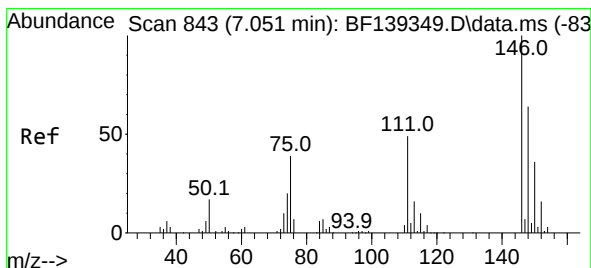
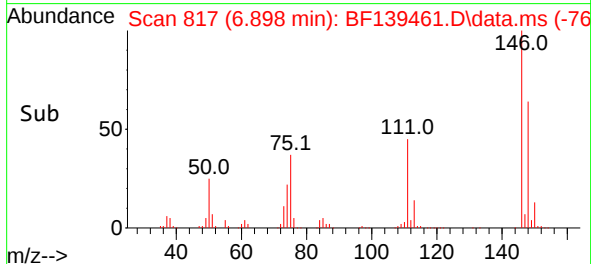
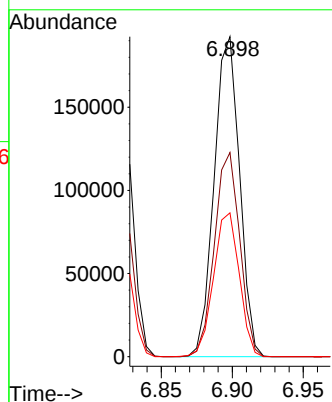
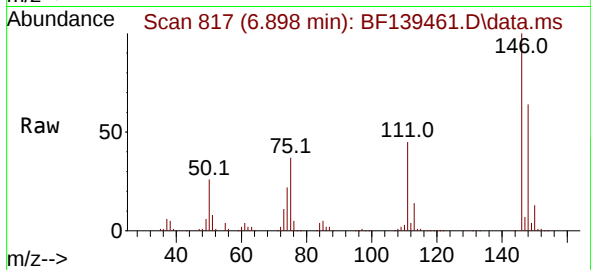
Instrument :
BNA_F
ClientSampleId :
PB163516BS

Tgt Ion:146 Resp: 239800
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
111 44.9 36.3 54.5

Manual Integrations
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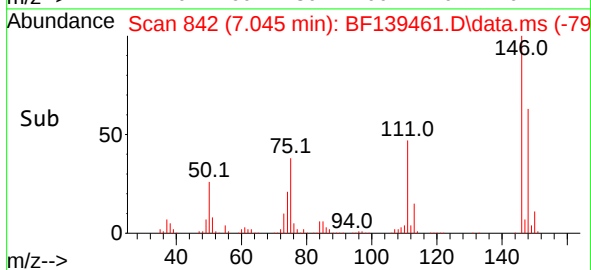
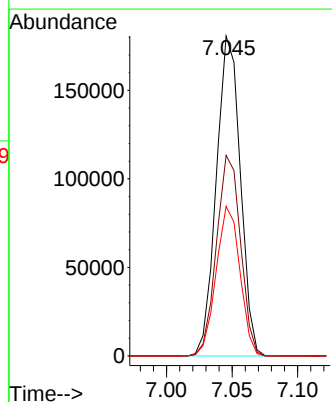
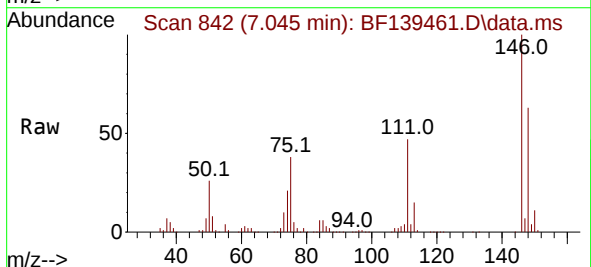
Reviewed By :Yogesh
Patel
09/21/2024

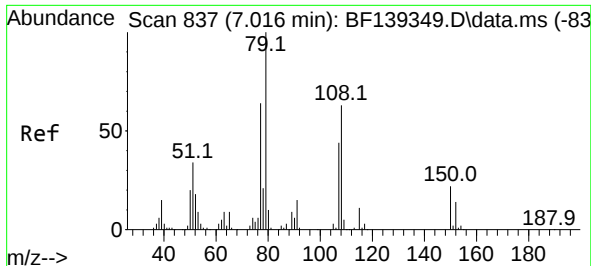
Supervised By :mohammad
ahmed
09/22/2024



#14
1,2-Dichlorobenzene
Concen: 42.194 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

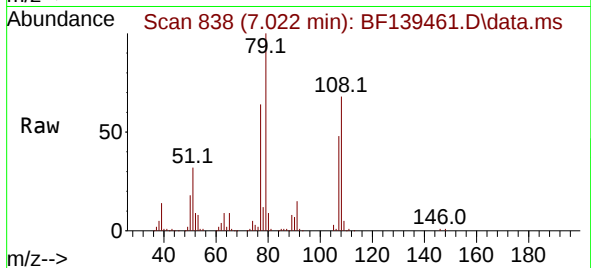
Tgt Ion:146 Resp: 229785
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
111 46.8 38.9 58.3





#15
Benzyl Alcohol
Concen: 42.917 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :
BNA_F
ClientSampleId :
PB163516BS

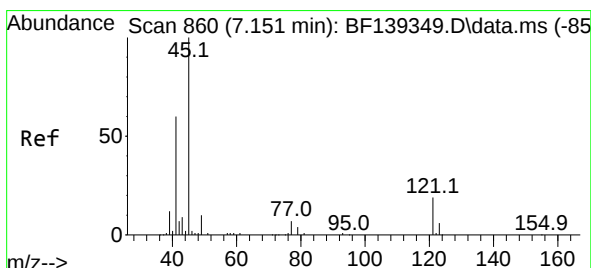
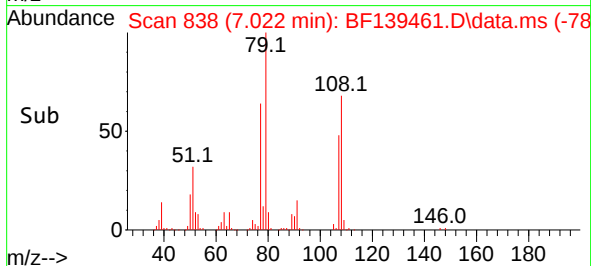
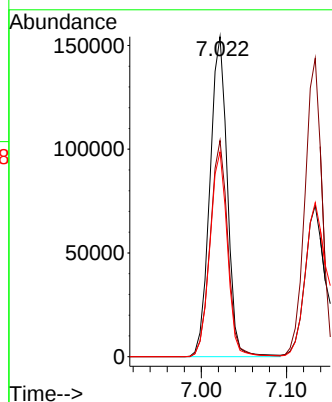


Tgt Ion: 79 Resp: 218952
Ion Ratio Lower Upper
79 100
108 67.6 50.4 75.6
77 64.0 51.4 77.2

Manual Integrations
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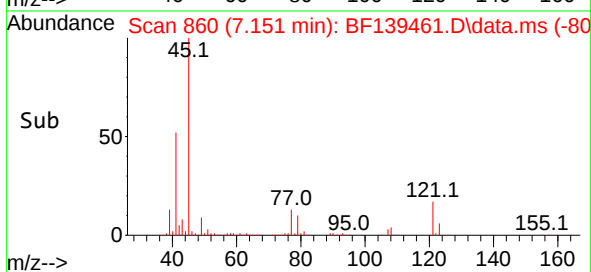
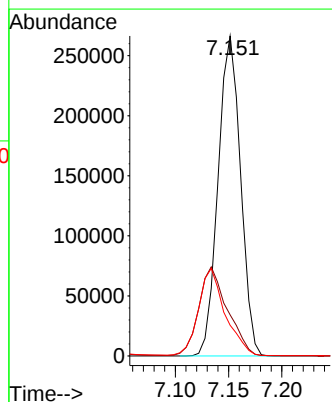
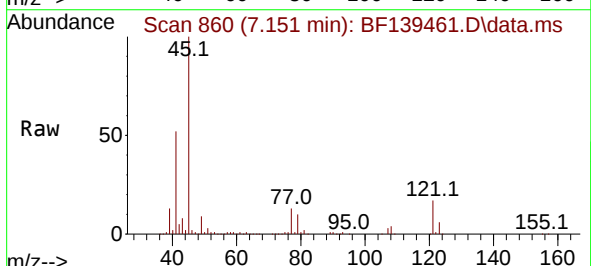
Reviewed By :Yogesh
Patel
09/21/2024

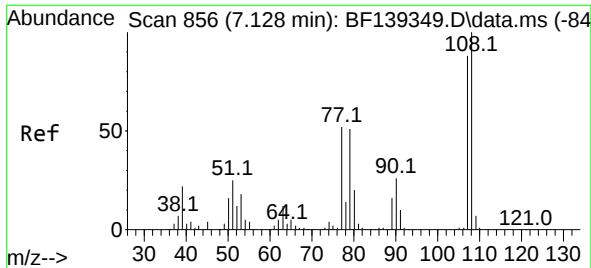
Supervised By :mohammad
ahmed
09/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.165 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion: 45 Resp: 390320
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.0
79 9.6 0.0 29.1





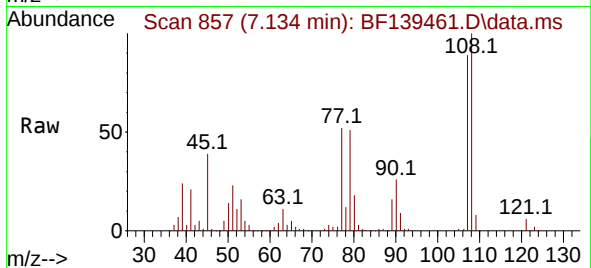
#17
2-Methylphenol
Concen: 44.905 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:107 Resp: 17892
Ion Ratio Lower Upper
107 100
108 112.4 90.5 135.7
77 58.0 47.1 70.7
79 57.0 46.6 69.8

Manual Integrations
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Reviewed By :Yogesh

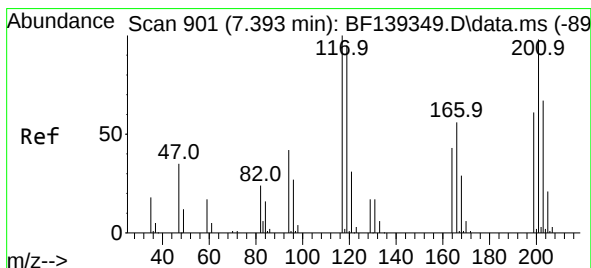
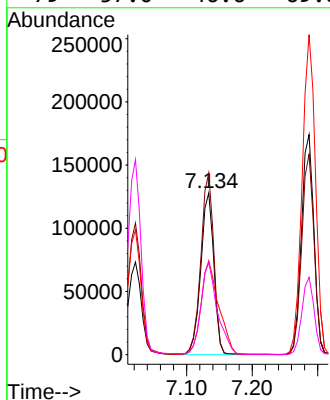
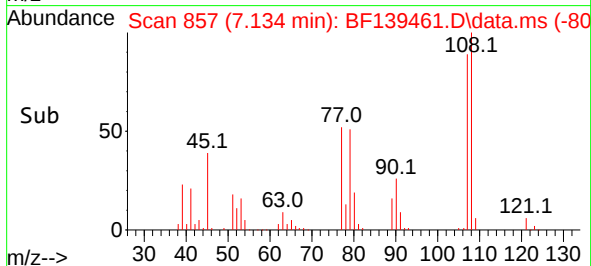
Patel

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Supervised By :mohammad

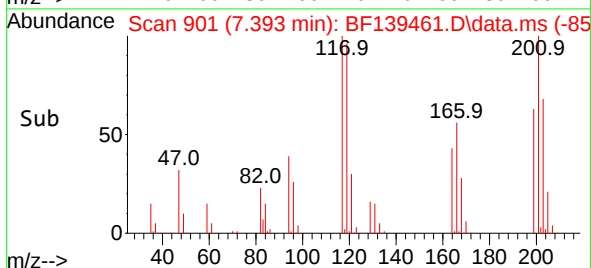
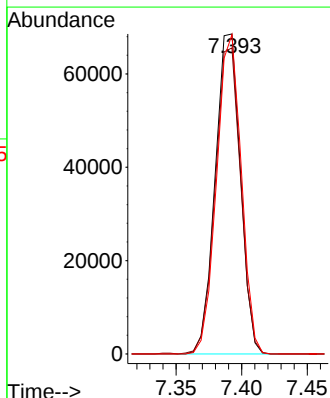
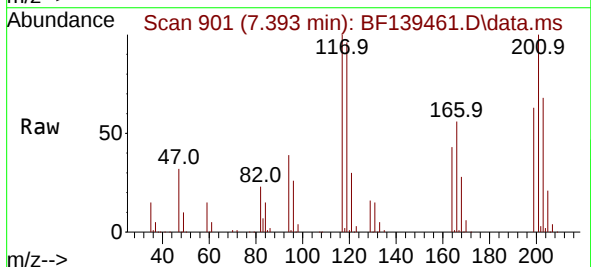
ahmed

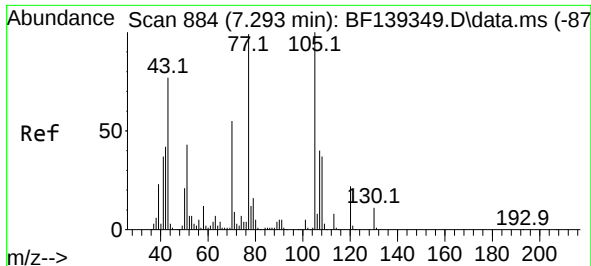
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#18
Hexachloroethane
Concen: 41.750 ng
RT: 7.393 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

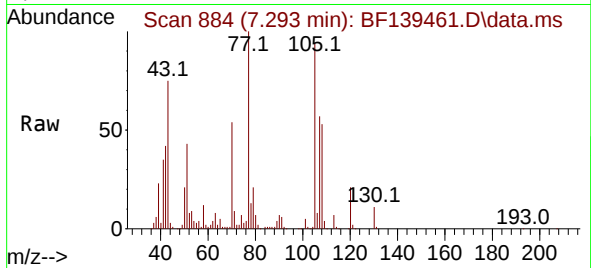
Tgt Ion:117 Resp: 91650
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8
201 99.8 78.6 118.0





#19
n-Nitroso-di-n-propylamine
Concen: 44.654 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :
BNA_F
ClientSampleId :
PB163516BS

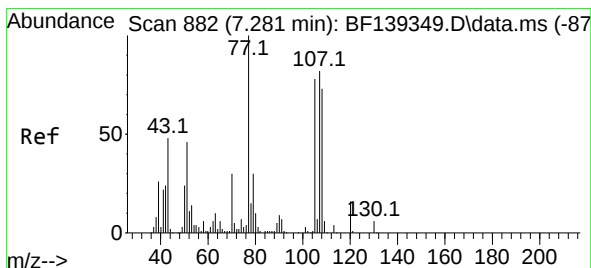
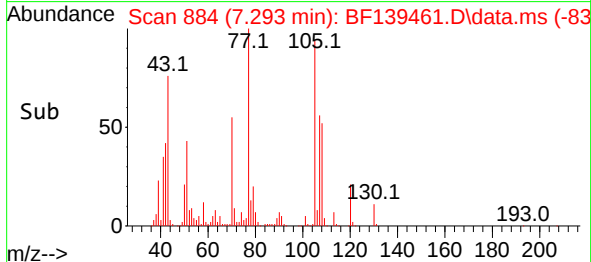
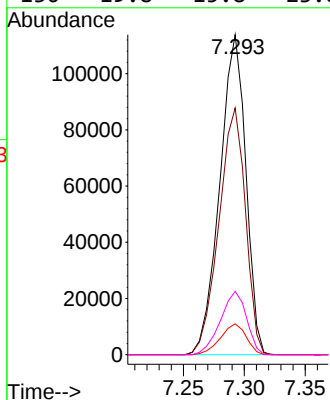


Tgt Ion: 70 Resp: 169210
Ion Ratio Lower Upper
70 100
42 77.1 61.2 91.8
101 9.7 7.5 11.3
130 19.8 15.8 23.8

Manual Integrations
APPROVED

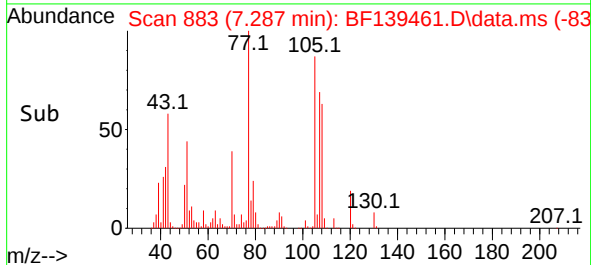
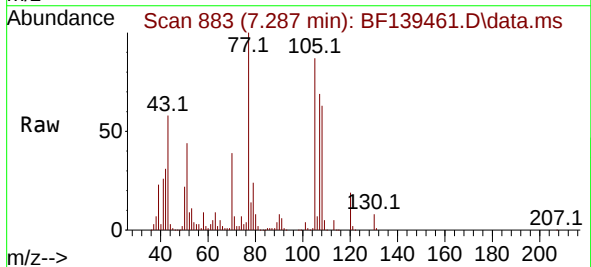
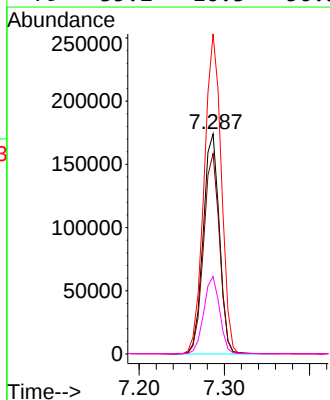
Reviewed By :Yogesh
Patel
09/21/2024

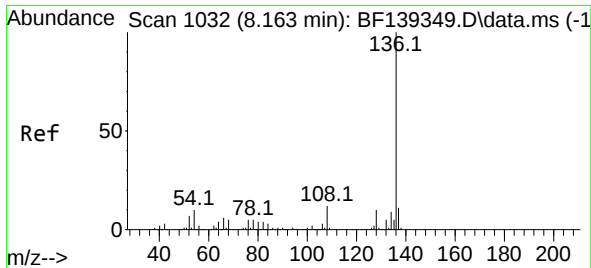
Supervised By :mohammad
ahmed
09/22/2024



#20
3+4-Methylphenols
Concen: 42.301 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:107 Resp: 229948
Ion Ratio Lower Upper
107 100
108 91.0 68.6 108.6
77 145.4 101.6 141.6#
79 35.2 16.3 56.3





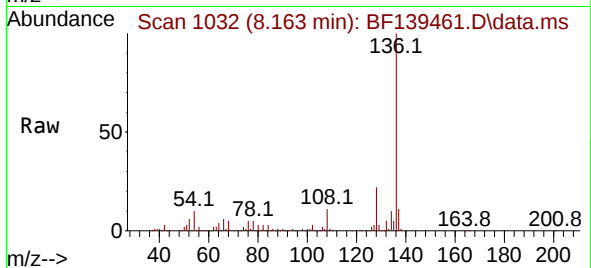
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:136 Resp: 294970
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.7 7.8 11.8
68 5.0 3.6 5.4

Manual Integrations

APPROVED

Reviewed By :Yogesh

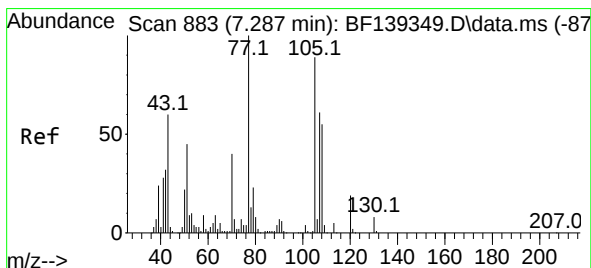
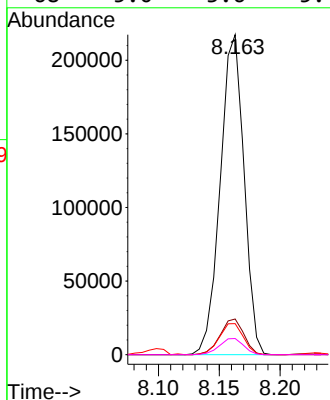
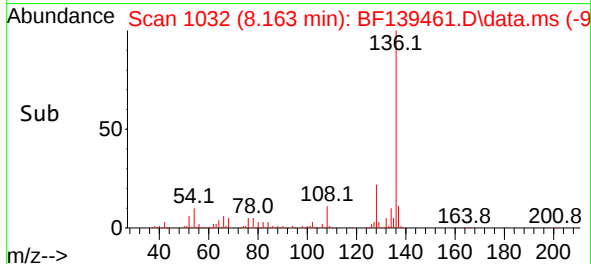
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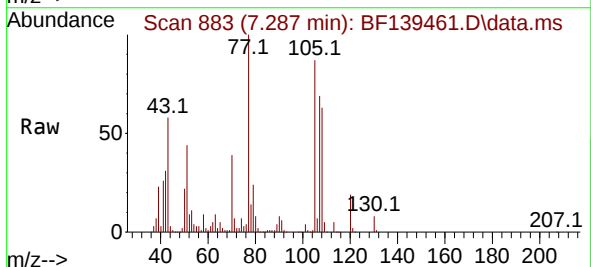
Supervised By :mohammad

ahmed

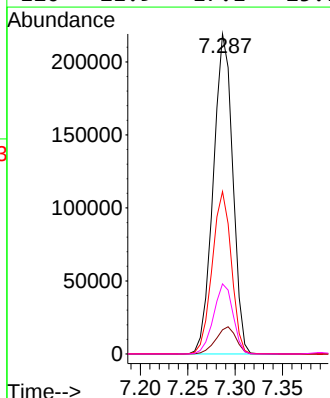
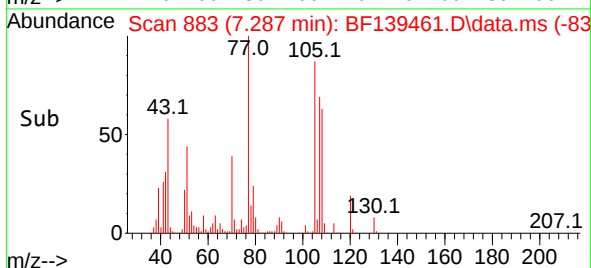
09/22/2024

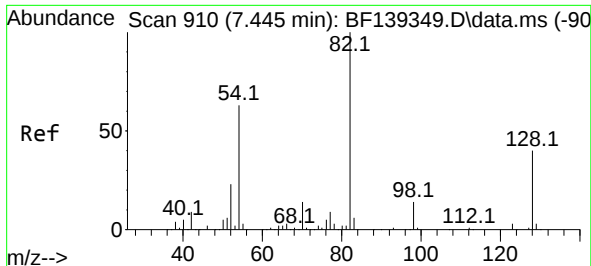


#22
Acetophenone
Concen: 40.710 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27



Tgt Ion:105 Resp: 313939
Ion Ratio Lower Upper
105 100
71 7.5 5.9 8.9
51 50.7 40.0 60.0
120 21.9 17.1 25.7





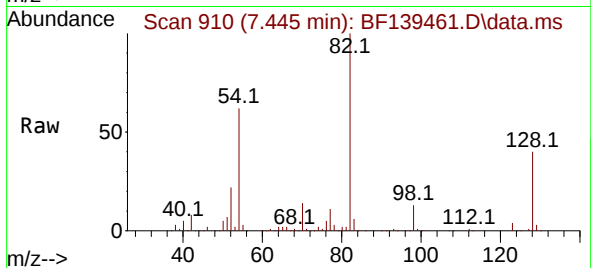
#23
Nitrobenzene-d5
Concen: 82.092 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion: 82 Resp: 515094
Ion Ratio Lower Upper
82 100
128 40.1 31.8 47.6
54 61.5 50.6 75.8

Manual Integrations
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Reviewed By :Yogesh

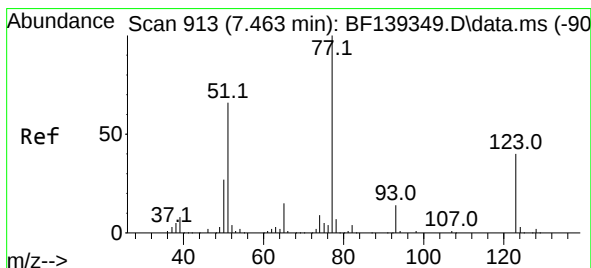
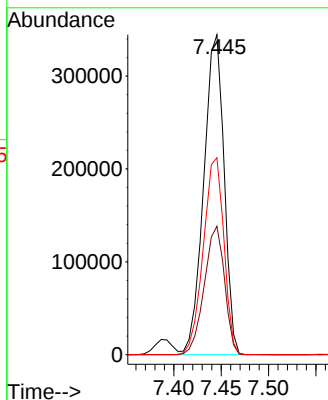
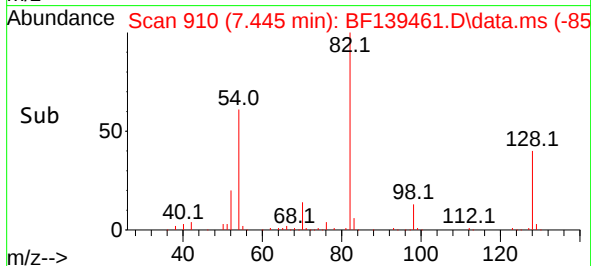
Patel

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Supervised By :mohammad

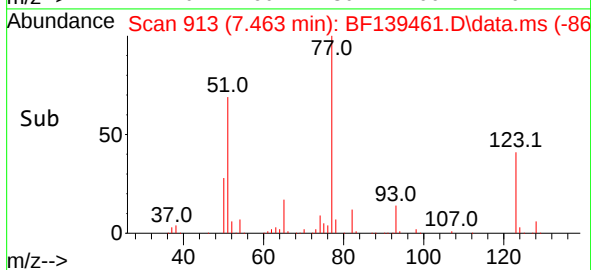
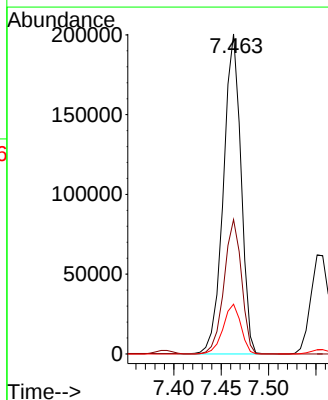
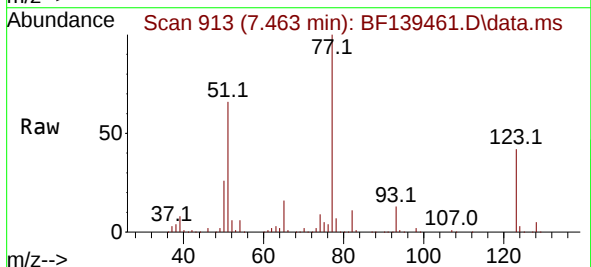
ahmed

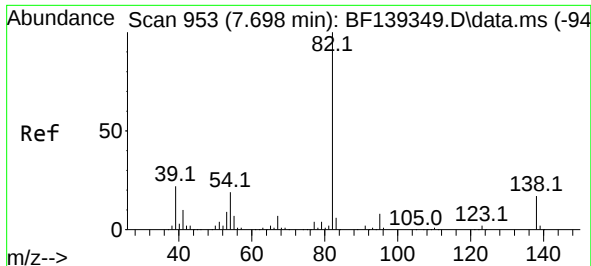
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#24
Nitrobenzene
Concen: 40.145 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion: 77 Resp: 259252
Ion Ratio Lower Upper
77 100
123 42.0 32.2 48.4
65 15.6 12.2 18.4





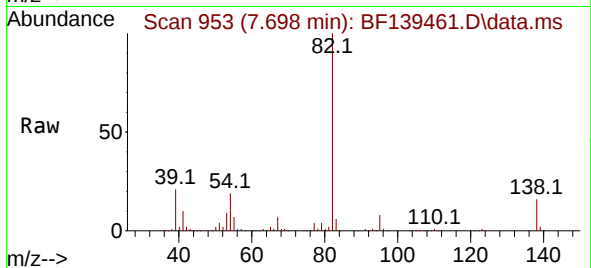
#25
Isophorone
Concen: 45.427 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion: 82 Resp: 45078
Ion Ratio Lower Upper
82 100
95 8.0 6.7 10.1
138 16.3 13.3 19.9

Manual Integrations
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Reviewed By :Yogesh

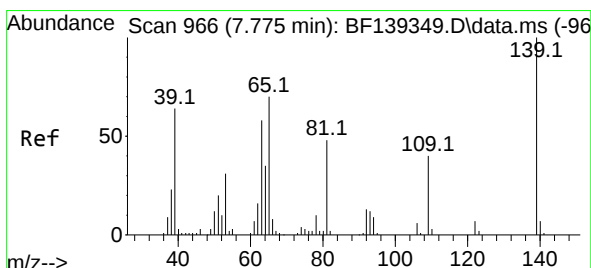
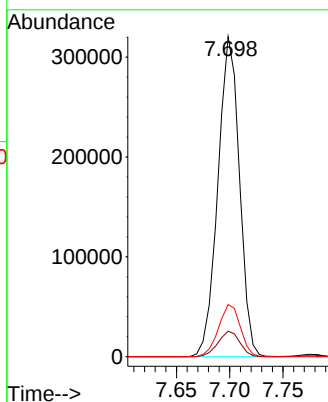
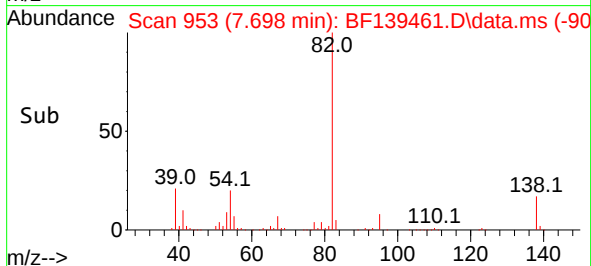
Patel

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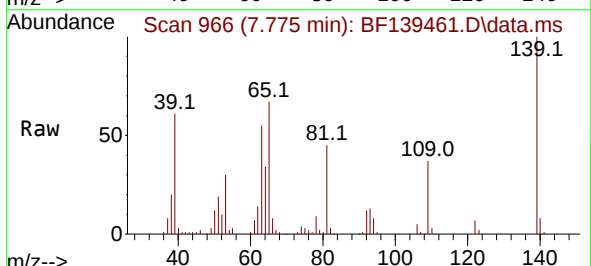
Supervised By :mohammad

ahmed

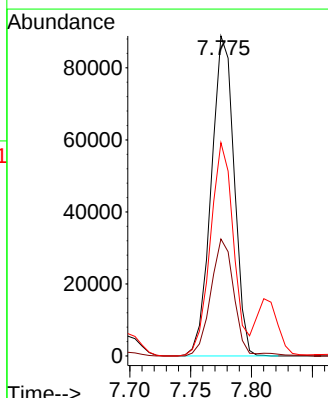
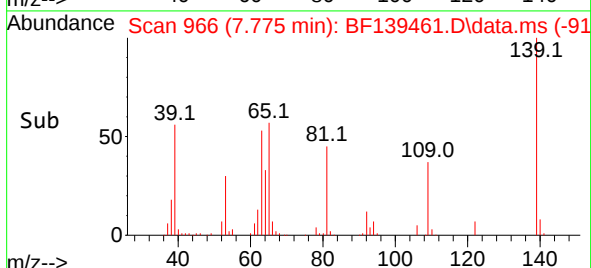
09/22/2024

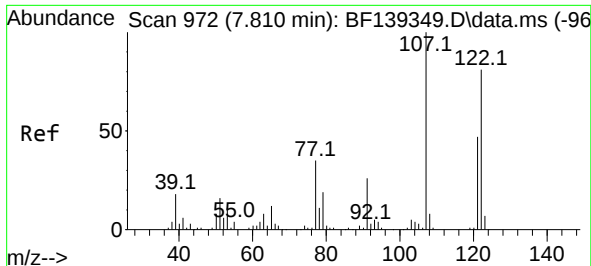


#26
2-Nitrophenol
Concen: 46.233 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27



Tgt Ion:139 Resp: 116321
Ion Ratio Lower Upper
139 100
109 36.6 32.2 48.2
65 66.7 55.8 83.8





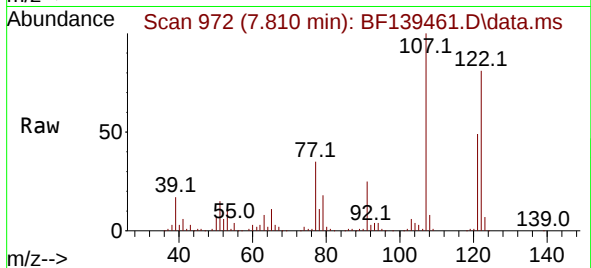
#27
2,4-Dimethylphenol
Concen: 53.777 ng
RT: 7.810 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:122 Resp: 178472
Ion Ratio Lower Upper
122 100
107 122.7 99.1 148.7
121 59.7 46.6 70.0

Manual Integrations
APPROVED

Reviewed By :Yogesh

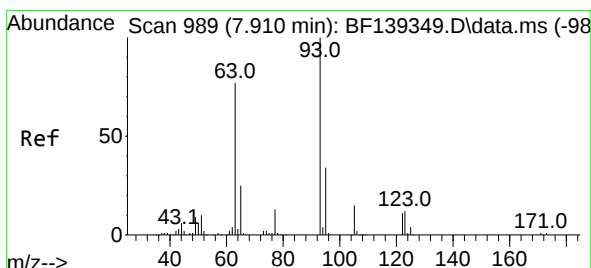
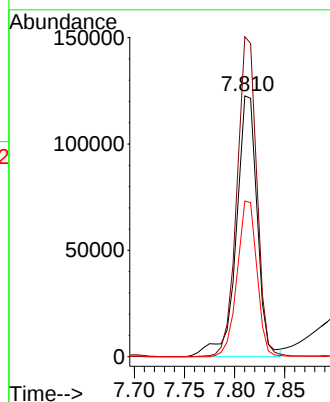
Patel

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Supervised By :mohammad

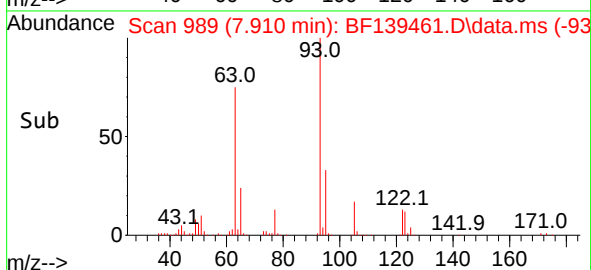
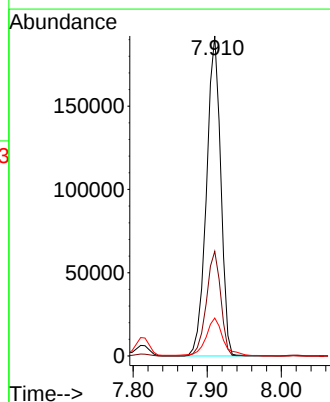
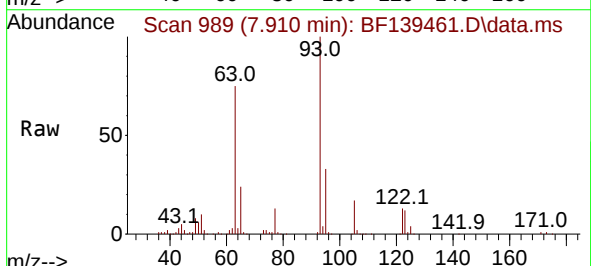
ahmed

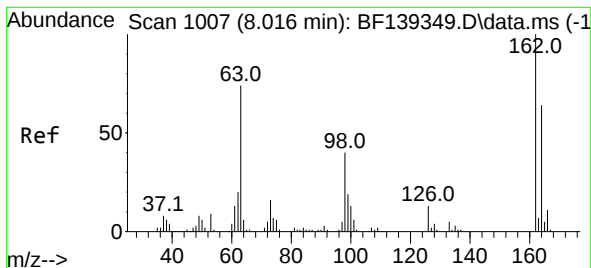
09/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.321 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion: 93 Resp: 256316
Ion Ratio Lower Upper
93 100
95 32.7 26.9 40.3
123 11.9 10.0 15.0





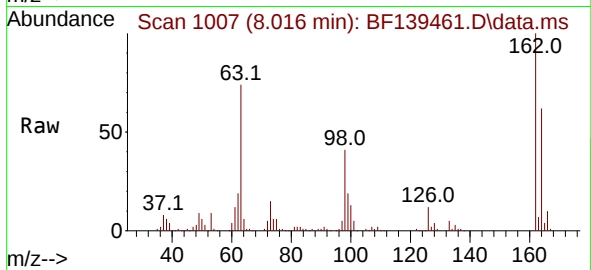
#29
2,4-Dichlorophenol
Concen: 44.038 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:162 Resp: 185670
Ion Ratio Lower Upper
162 100
164 62.1 43.6 83.6
98 40.7 19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh

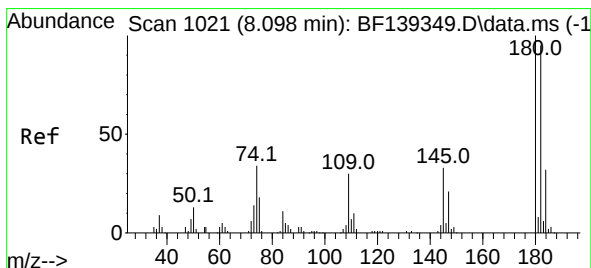
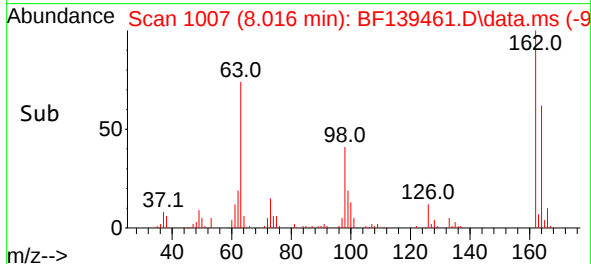
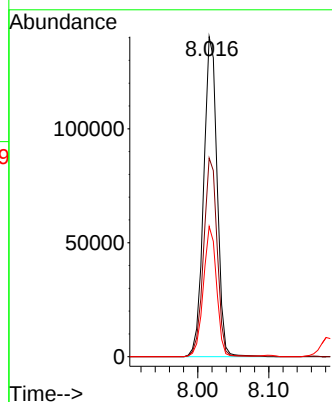
Patel

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Supervised By :mohammad

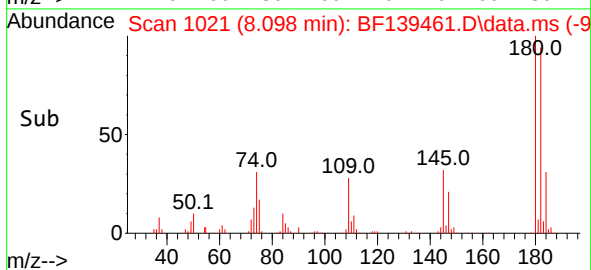
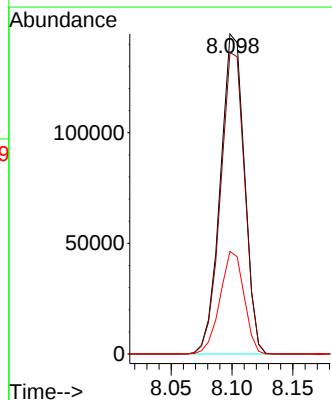
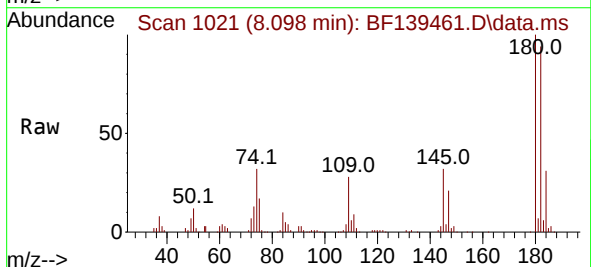
ahmed

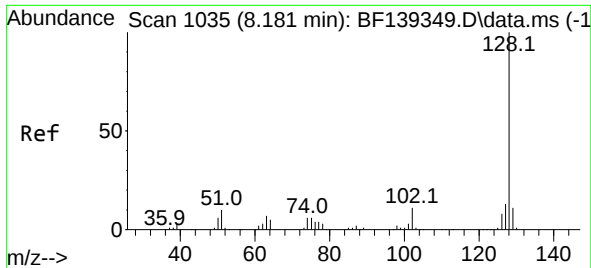
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#30
1,2,4-Trichlorobenzene
Concen: 40.585 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:180 Resp: 199373
Ion Ratio Lower Upper
180 100
182 94.2 75.7 113.5
145 32.0 26.5 39.7





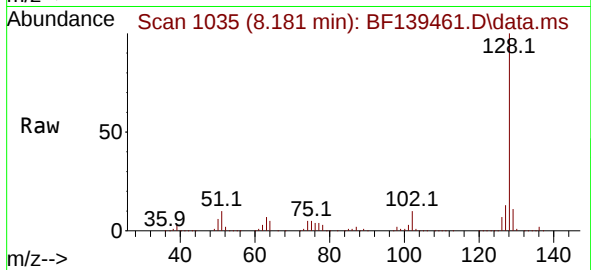
#31
Naphthalene
Concen: 42.245 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:128 Resp: 650550
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.6 16.0

Manual Integrations
APPROVED

Reviewed By :Yogesh

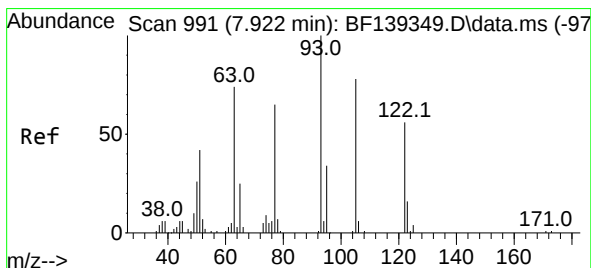
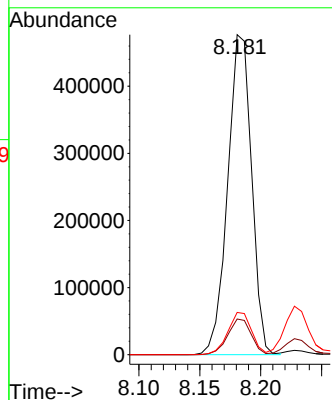
Patel

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Supervised By :mohammad

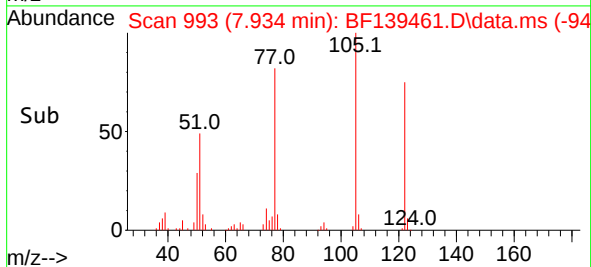
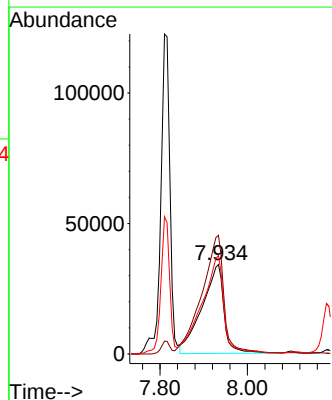
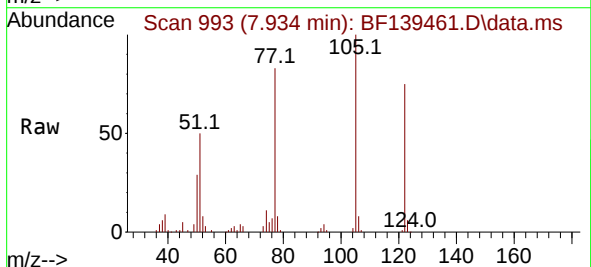
ahmed

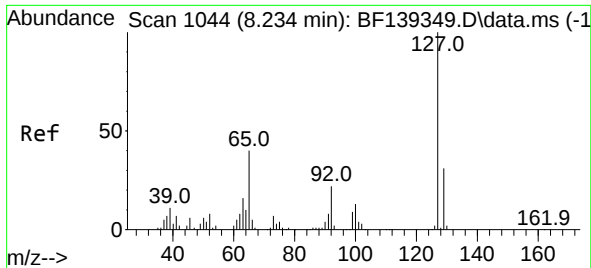
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#32
Benzoic acid
Concen: 38.384 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:122 Resp: 119212
Ion Ratio Lower Upper
122 100
105 132.7 117.1 157.1
77 109.9 95.4 135.4





#33
4-Chloroaniline
Concen: 22.442 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

Tgt Ion:127 Resp: 105728
Ion Ratio Lower Upper
127 100
129 32.9 25.5 38.3
65 38.5 31.5 47.3
92 21.5 17.6 26.4

Manual Integrations
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Reviewed By :Yogesh

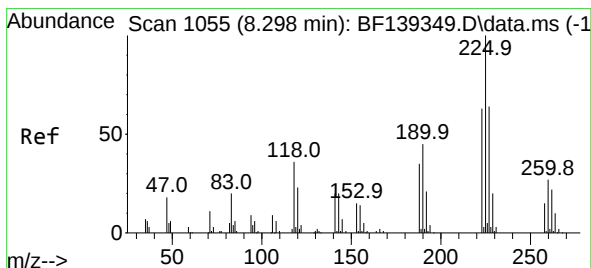
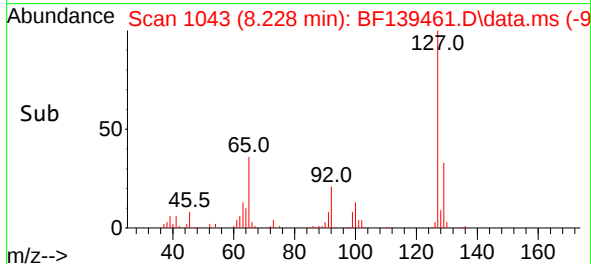
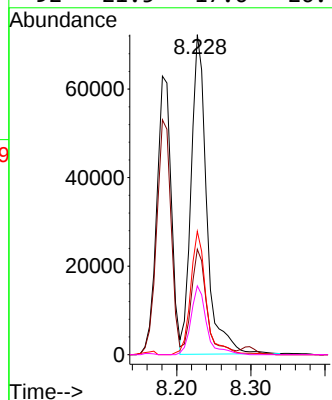
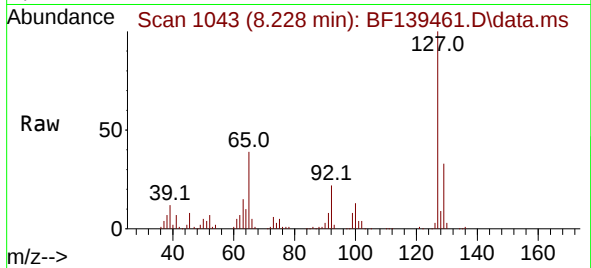
Patel

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Supervised By :mohammad

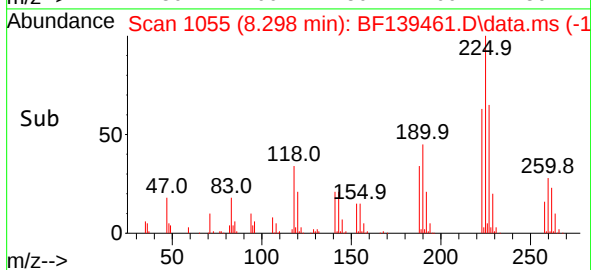
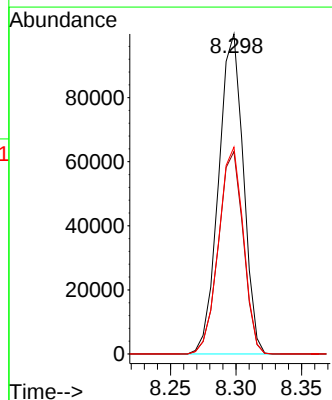
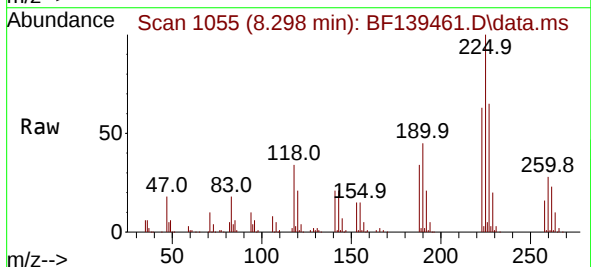
ahmed

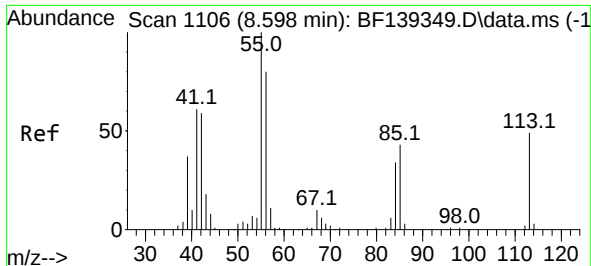
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#34
Hexachlorobutadiene
Concen: 39.245 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:225 Resp: 130978
Ion Ratio Lower Upper
225 100
223 63.2 50.1 75.1
227 64.6 51.0 76.6





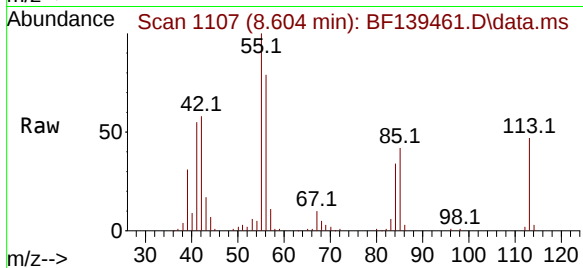
#35
Caprolactam
Concen: 44.104 ng m
RT: 8.604 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:113 Resp: 57200
Ion Ratio Lower Upper
113 100
55 212.9 186.1 226.1
56 167.9 144.9 184.9

Manual Integrations

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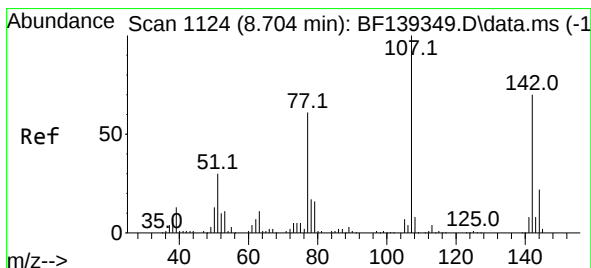
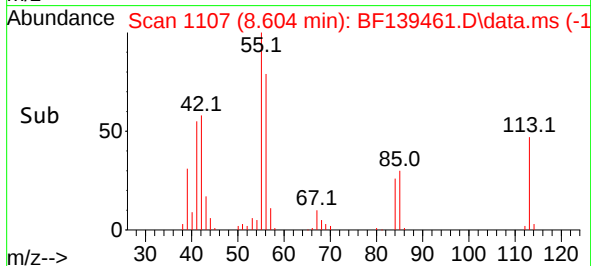
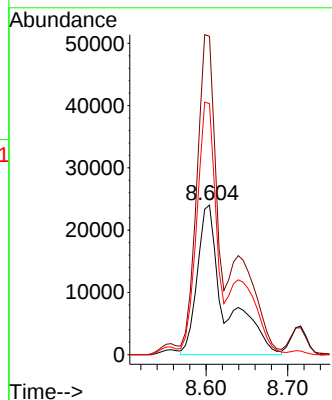
Patel

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Supervised By :mohammad

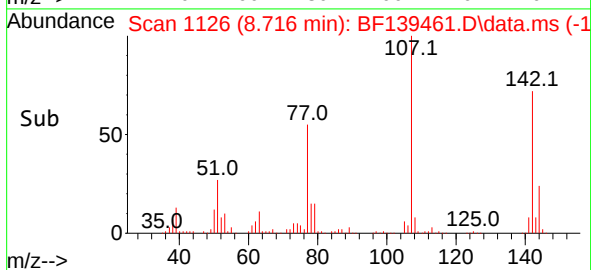
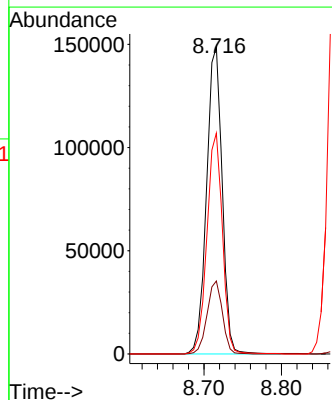
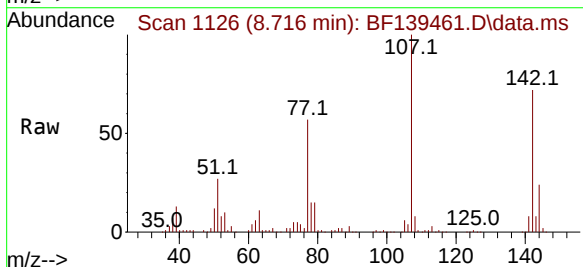
ahmed

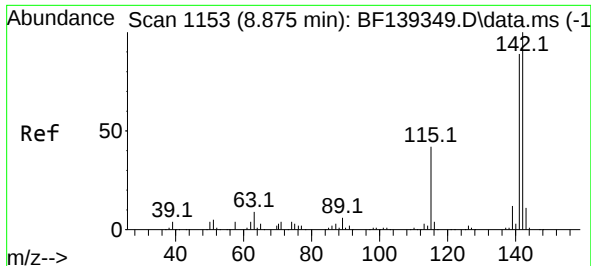
09/22/2024



#36
4-Chloro-3-methylphenol
Concen: 43.110 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:107 Resp: 207720
Ion Ratio Lower Upper
107 100
144 23.8 17.5 26.3
142 71.9 55.8 83.8





#37
2-Methylnaphthalene
Concen: 43.288 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

Tgt Ion:142 Resp: 42312
Ion Ratio Lower Upper
142 100
141 88.2 71.6 107.4

Manual Integrations
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Reviewed By :Yogesh

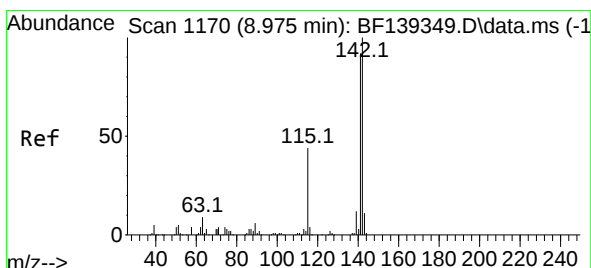
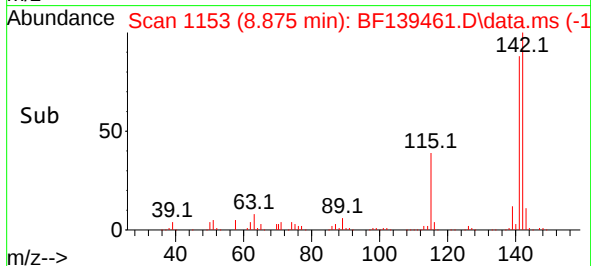
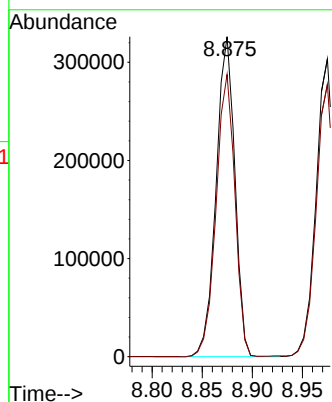
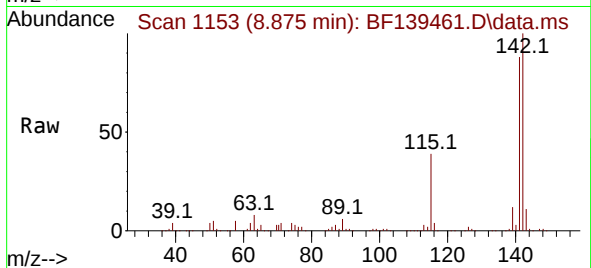
Patel

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Supervised By :mohammad

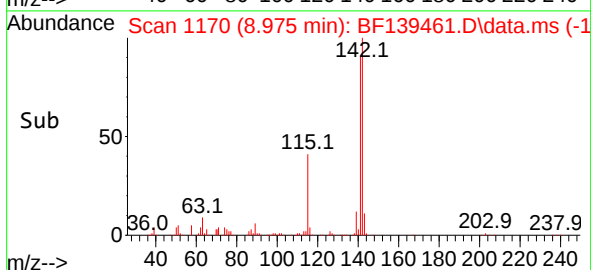
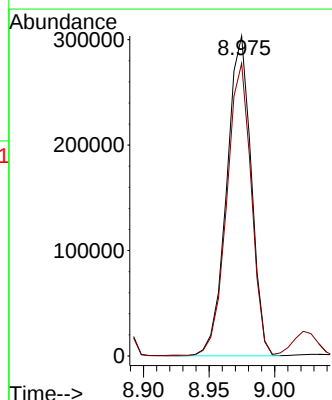
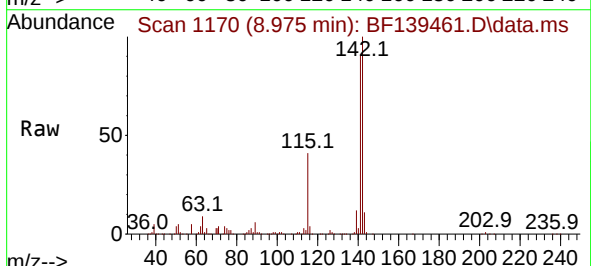
ahmed

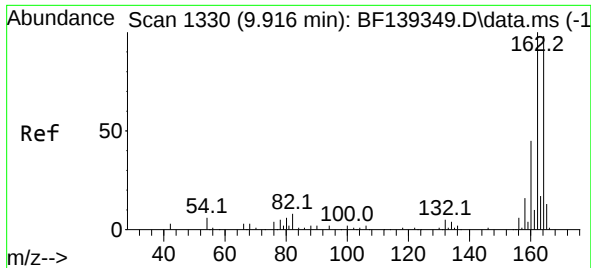
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#38
1-Methylnaphthalene
Concen: 41.016 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:142 Resp: 393599
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8





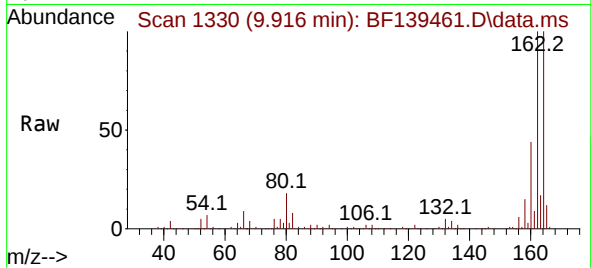
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:164 Resp: 162832
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 44.2 36.4 54.6

Manual Integrations
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Reviewed By :Yogesh

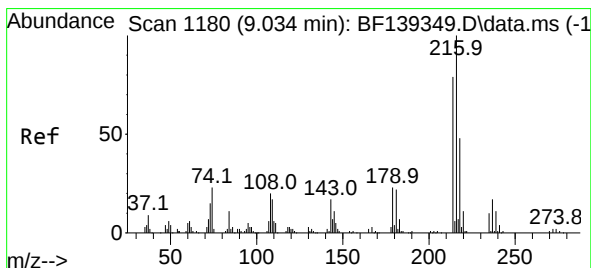
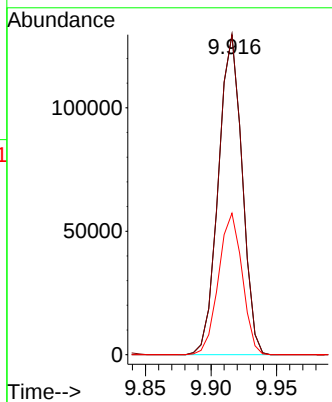
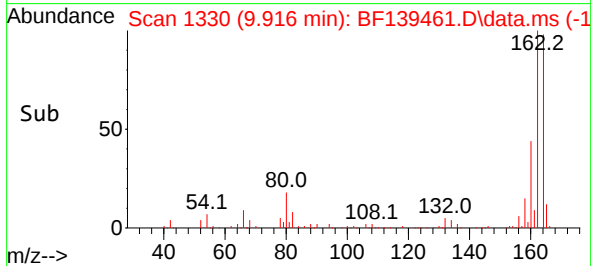
Patel

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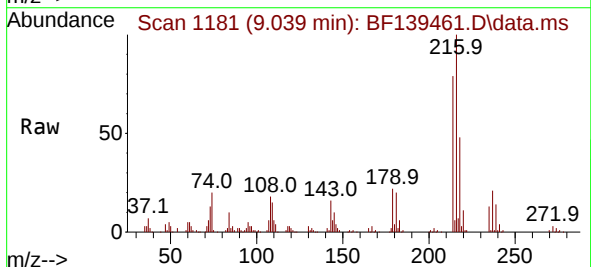
Supervised By :mohammad

ahmed

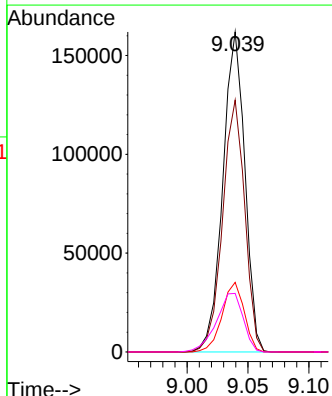
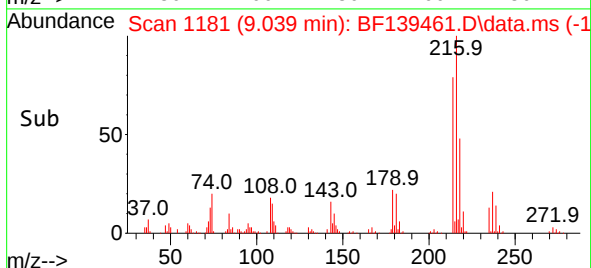
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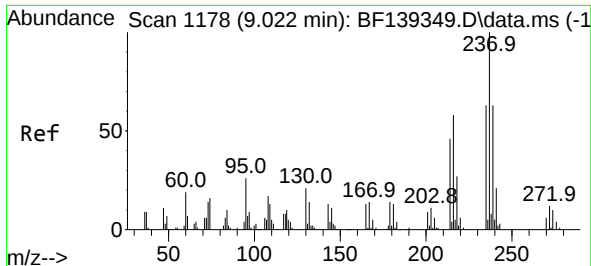


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.200 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27



Tgt Ion:216 Resp: 203651
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.0
179 21.9 18.2 27.2
108 22.4 15.8 23.6





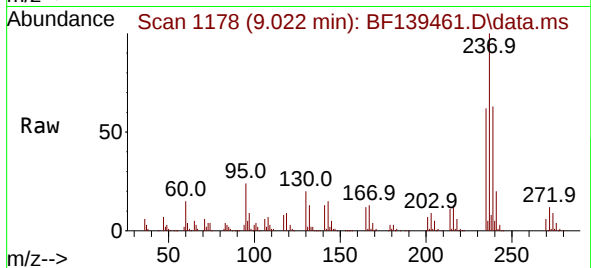
#41
Hexachlorocyclopentadiene
Concen: 148.832 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:237 Resp: 250778
Ion Ratio Lower Upper
237 100
235 62.2 42.7 82.7
272 11.6 0.0 32.5

Manual Integrations

APPROVED

Reviewed By :Yogesh

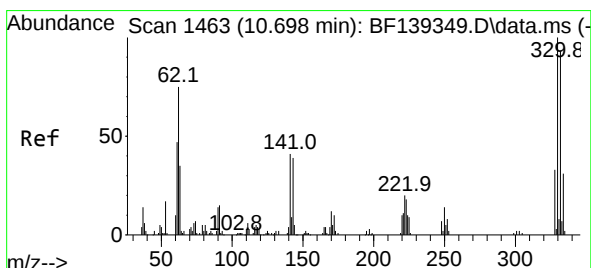
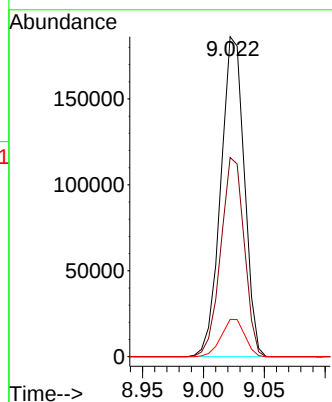
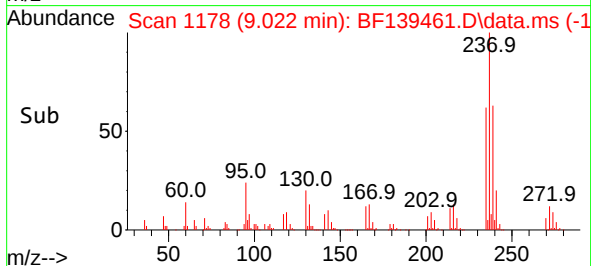
Patel

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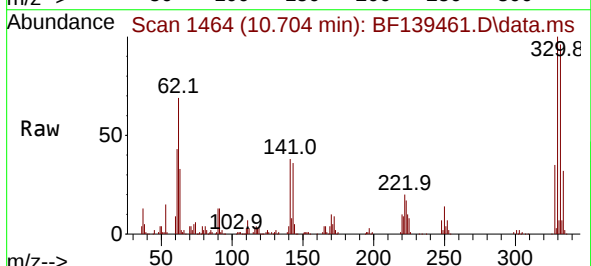
Supervised By :mohammad

ahmed

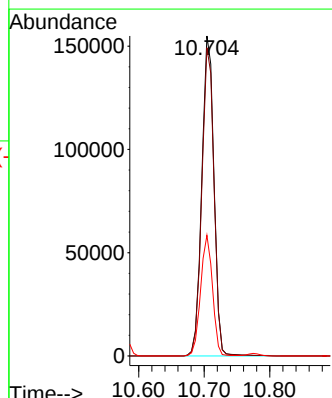
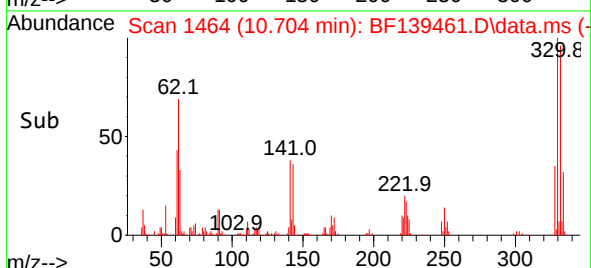
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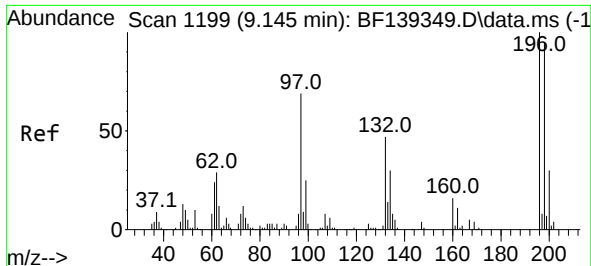


#42
2,4,6-Tribromophenol
Concen: 115.600 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27



Tgt Ion:330 Resp: 200398
Ion Ratio Lower Upper
330 100
332 96.4 75.2 112.8
141 37.0 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 44.670 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139461.D

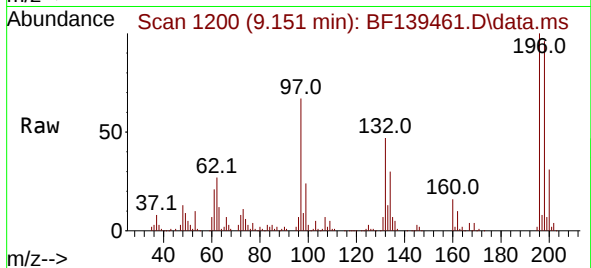
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:196 Resp: 140250

Ion Ratio Lower Upper

196 100

198 95.9 75.8 113.6

200 30.7 24.1 36.1

Manual Integrations

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Reviewed By :Yogesh

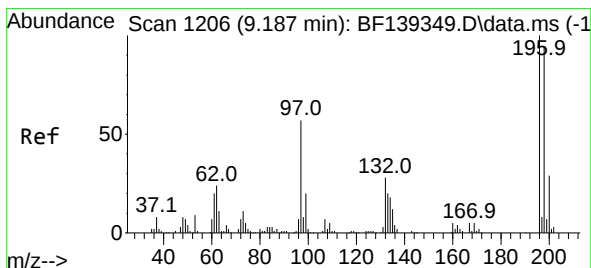
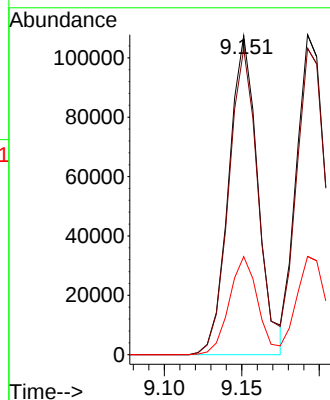
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#44

2,4,5-Trichlorophenol

Concen: 41.951 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Tgt Ion:196 Resp: 138933

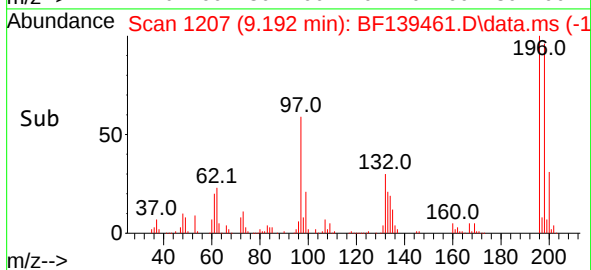
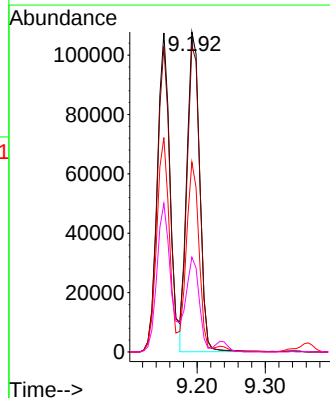
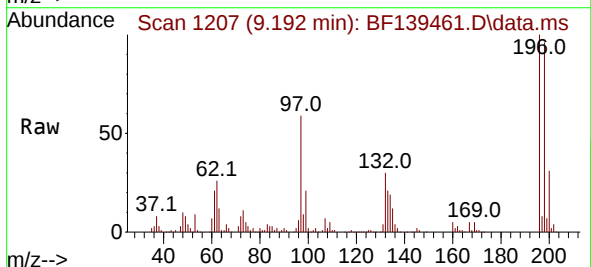
Ion Ratio Lower Upper

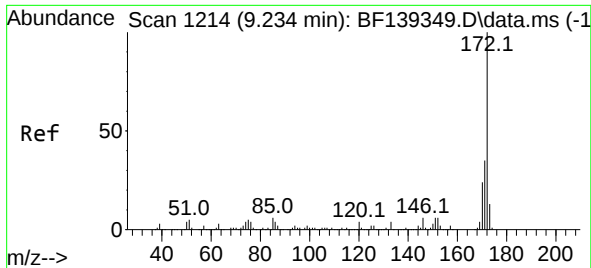
196 100

198 95.8 74.8 112.2

97 59.4 47.3 70.9

132 29.6 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 80.859 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

Tgt Ion:172 Resp: 938760
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.9 19.0 28.6

Manual Integrations
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Reviewed By :Yogesh

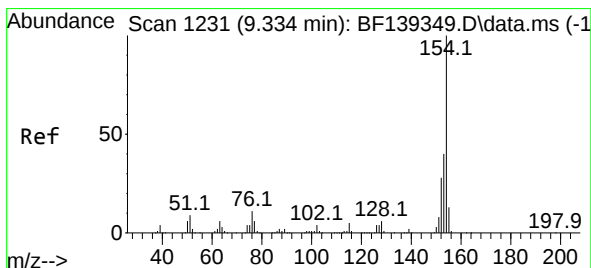
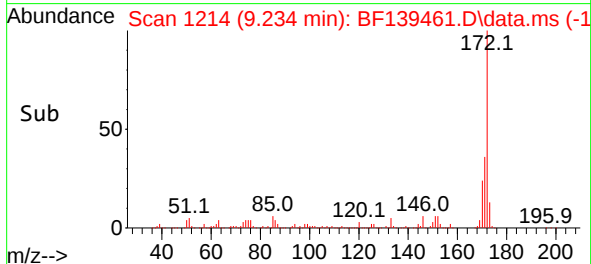
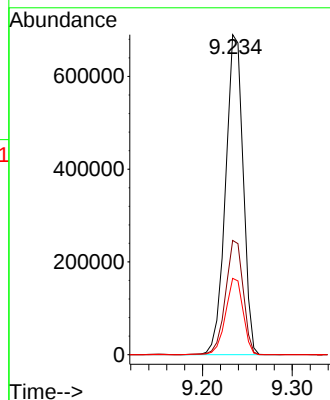
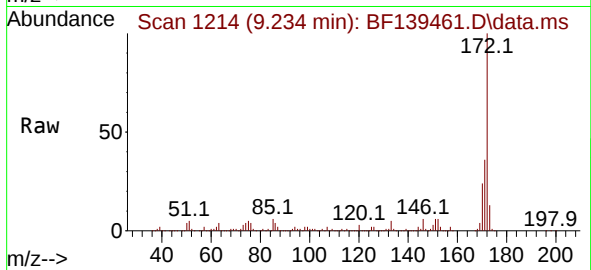
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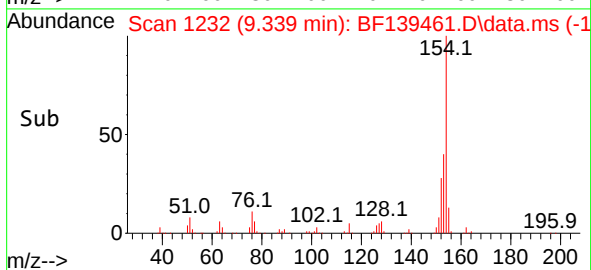
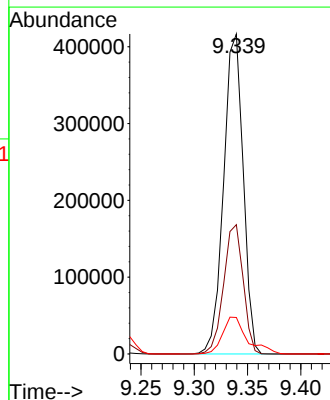
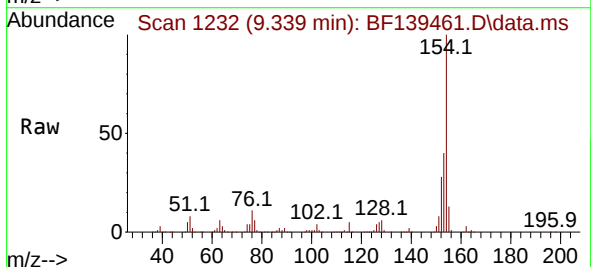
ahmed

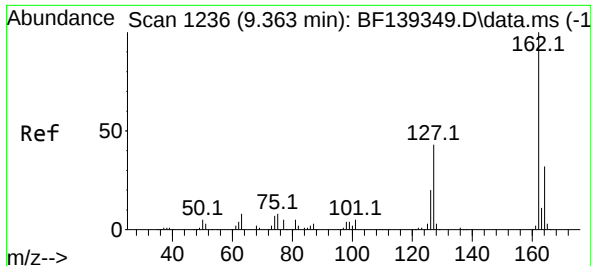
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#46
1,1'-Biphenyl
Concen: 42.334 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:154 Resp: 530326
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 11.4 0.0 31.1





#47

2-Chloronaphthalene

Concen: 41.728 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139461.D

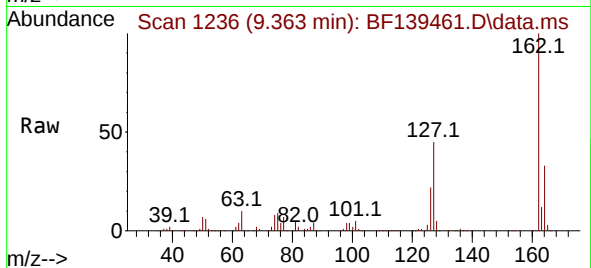
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:162 Resp: 390840

Ion Ratio Lower Upper

162 100

127 44.6 35.0 52.4

164 32.7 25.8 38.6

Manual Integrations

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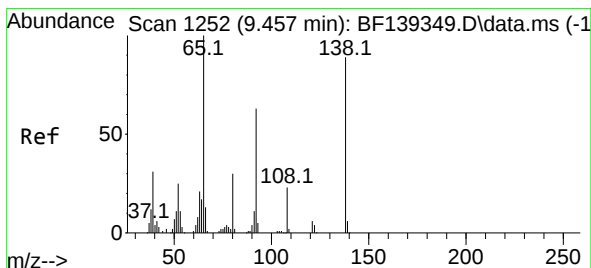
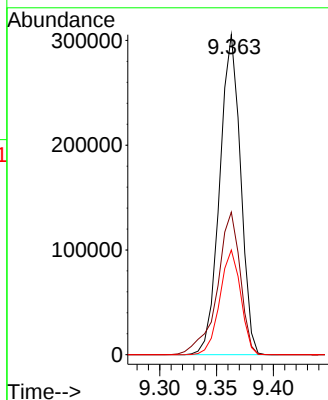
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#48

2-Nitroaniline

Concen: 43.235 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

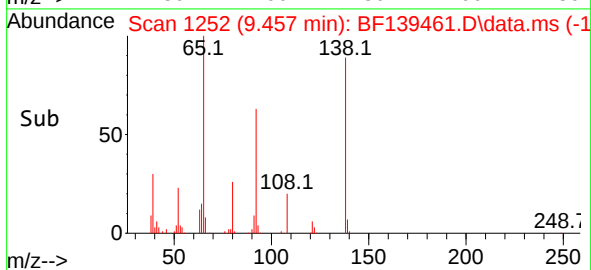
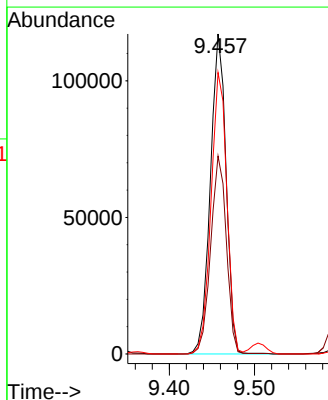
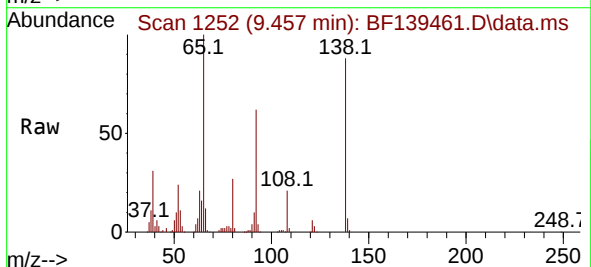
Tgt Ion: 65 Resp: 150622

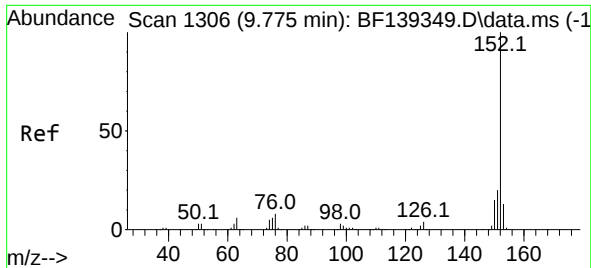
Ion Ratio Lower Upper

65 100

92 61.8 50.3 75.5

138 88.0 71.3 106.9





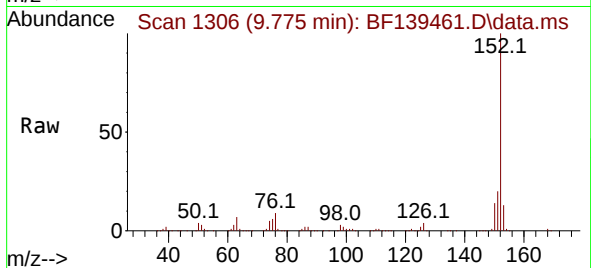
#49
Acenaphthylene
Concen: 46.338 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:152 Resp: 653338
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.2 10.3 15.5

Manual Integrations

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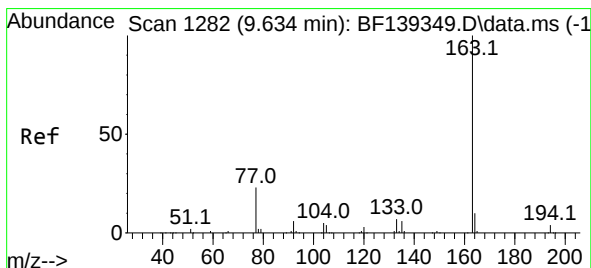
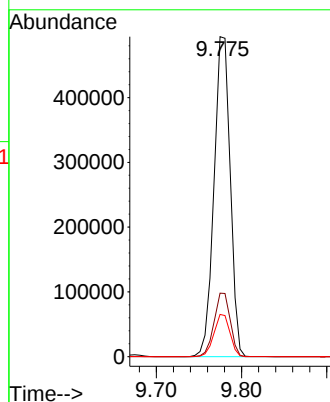
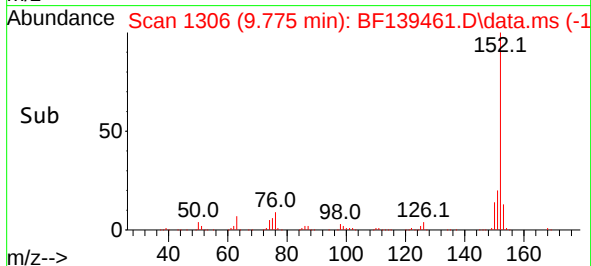
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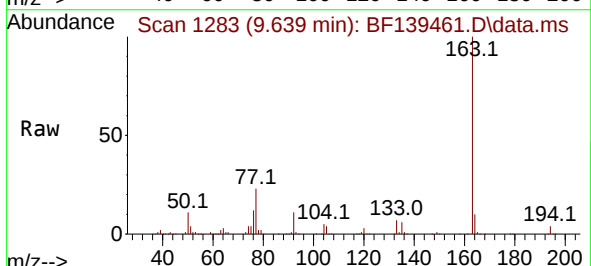
Supervised By :mohammad

ahmed

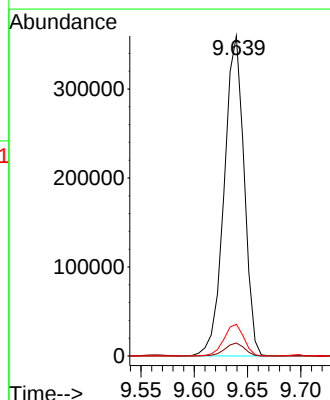
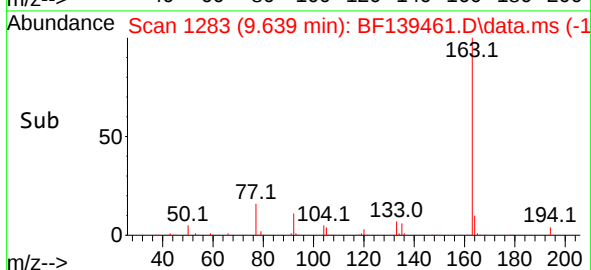
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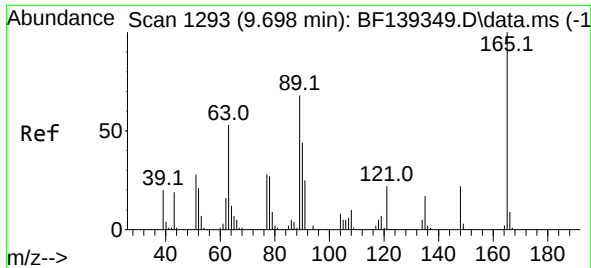


#50
Dimethylphthalate
Concen: 43.706 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27



Tgt Ion:163 Resp: 467101
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.9 8.2 12.2





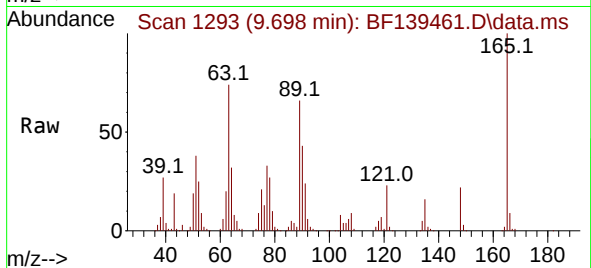
#51
2,6-Dinitrotoluene
Concen: 43.575 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:165 Resp: 103168
Ion Ratio Lower Upper
165 100
63 73.6 60.9 91.3
89 66.4 54.7 82.1

Manual Integrations
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Reviewed By :Yogesh

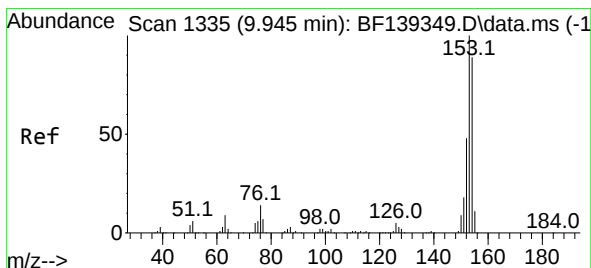
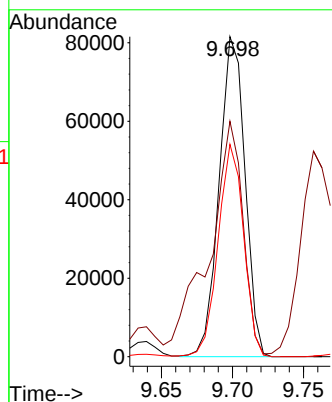
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Supervised By :mohammad

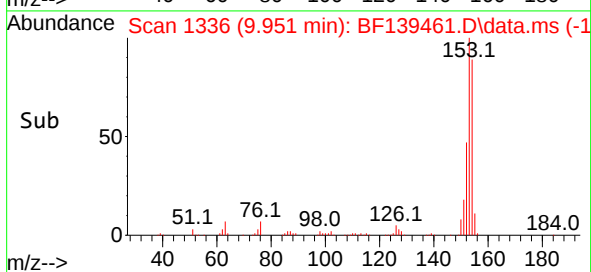
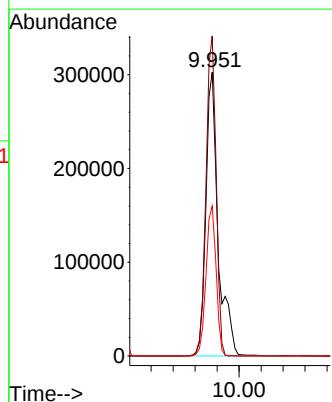
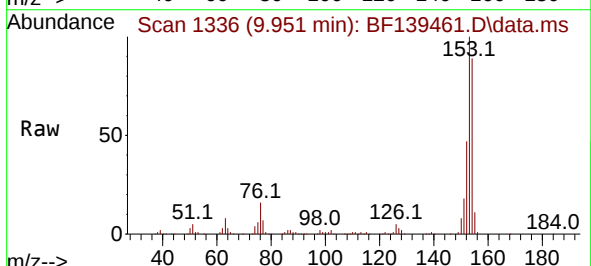
ahmed

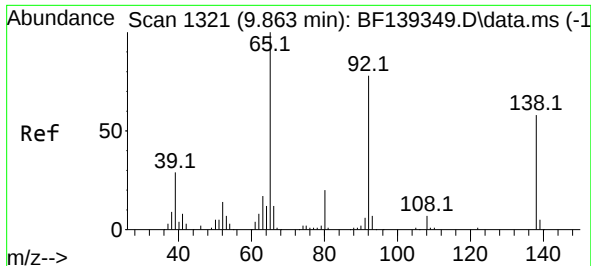
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#52
Acenaphthene
Concen: 47.676 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:154 Resp: 469144
Ion Ratio Lower Upper
154 100
153 112.7 89.5 134.3
152 52.8 42.6 64.0





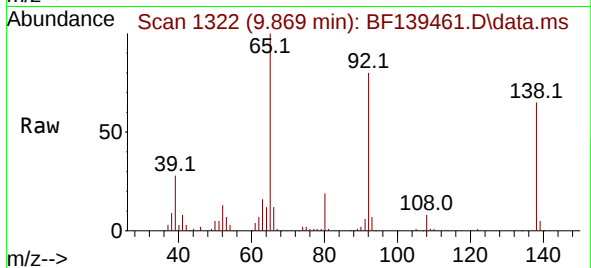
#53
3-Nitroaniline
Concen: 27.992 ng
RT: 9.869 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:138 Resp: 6623
Ion Ratio Lower Upper
138 100
108 11.8 9.8 14.8
92 124.2 107.4 161.2

Manual Integrations

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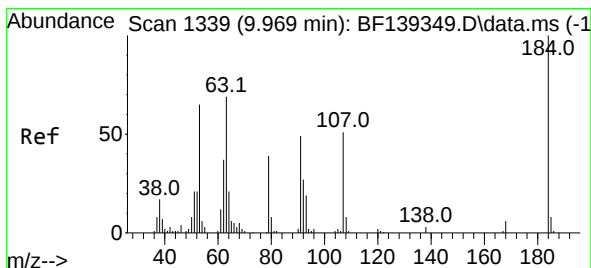
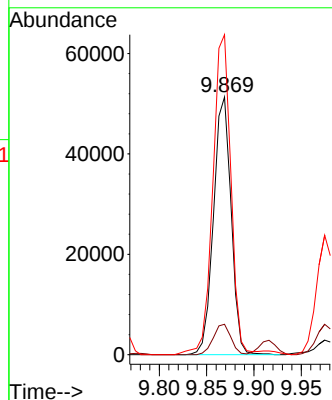
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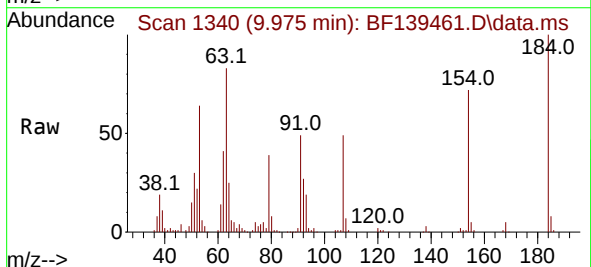
Supervised By :mohammad

ahmed

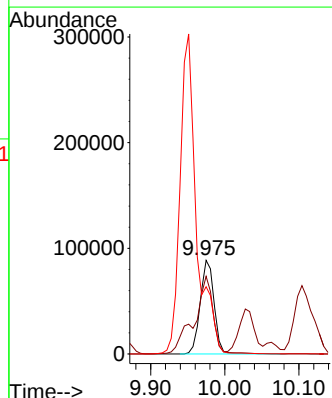
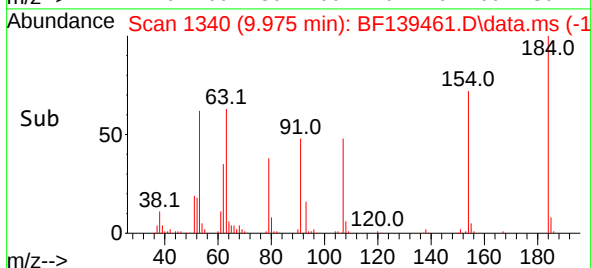
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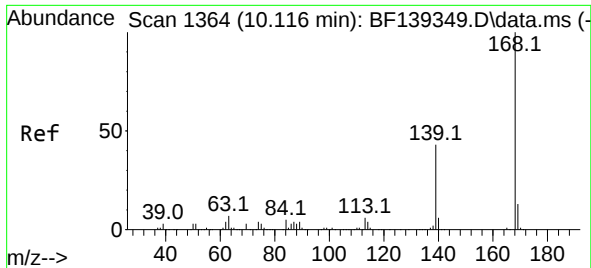


#54
2,4-Dinitrophenol
Concen: 88.031 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27



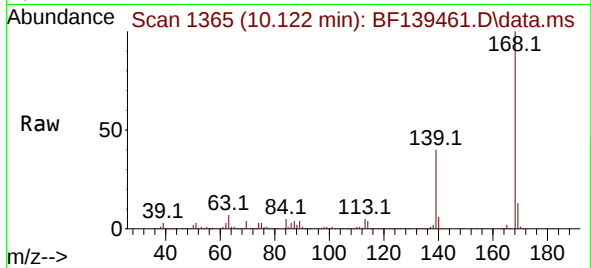
Tgt Ion:184 Resp: 116136
Ion Ratio Lower Upper
184 100
63 82.8 69.3 103.9
154 71.7 67.5 101.3





#55
Dibenzofuran
Concen: 43.155 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :
BNA_F
ClientSampleId :
PB163516BS

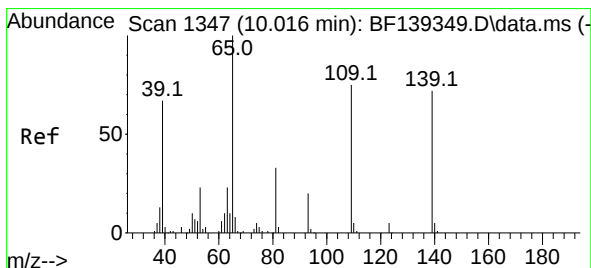
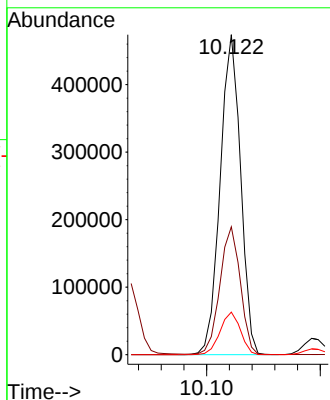
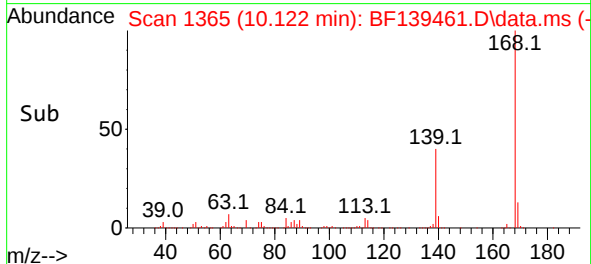


Tgt Ion:168 Resp: 59190
Ion Ratio Lower Upper
168 100
139 40.0 34.1 51.1
169 13.3 10.5 15.7

Manual Integrations
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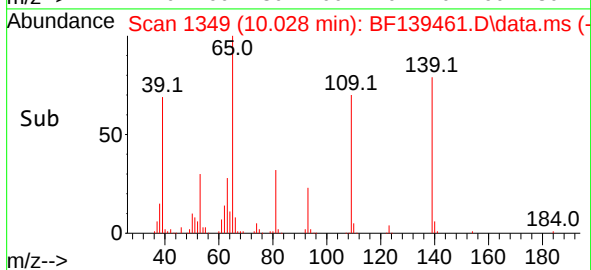
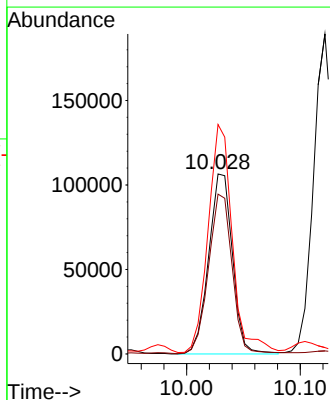
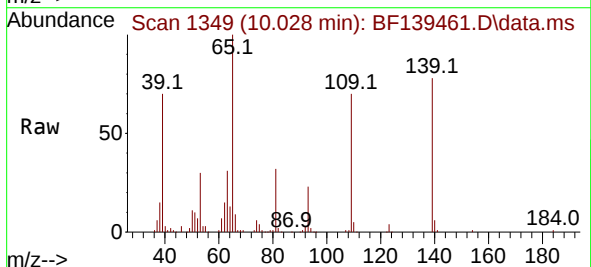
Reviewed By :Yogesh
Patel
09/21/2024

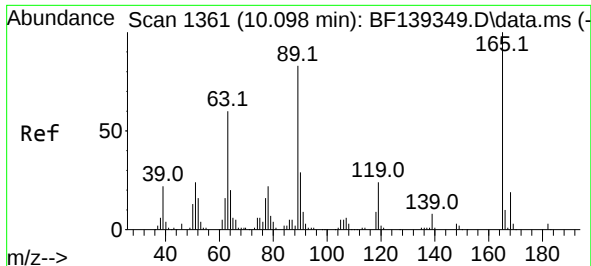
Supervised By :mohammad
ahmed
09/22/2024



#56
4-Nitrophenol
Concen: 79.402 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:139 Resp: 155458
Ion Ratio Lower Upper
139 100
109 88.8 84.1 124.1
65 127.5 120.0 160.0





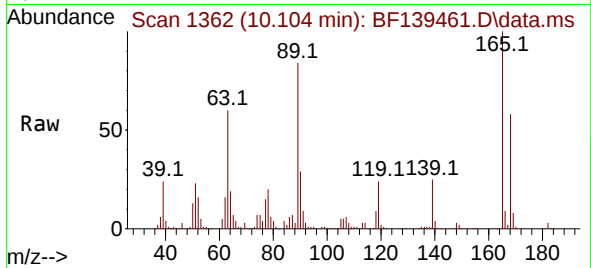
#57
2,4-Dinitrotoluene
Concen: 42.991 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:165 Resp: 137410
Ion Ratio Lower Upper
165 100
63 59.9 47.8 71.6
89 84.1 66.7 100.1
182 2.8 2.2 3.4

Manual Integrations

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Reviewed By :Yogesh

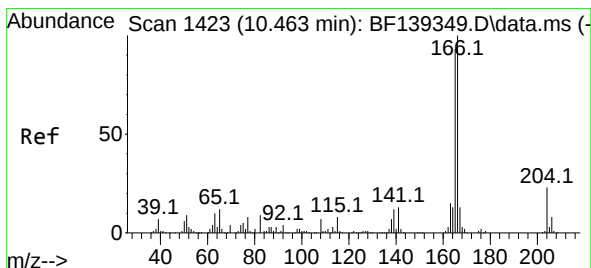
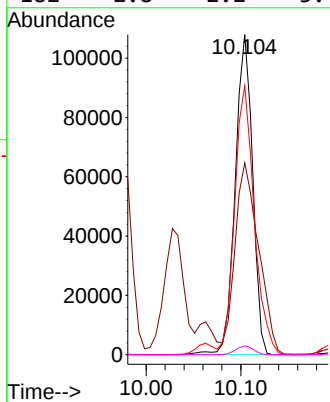
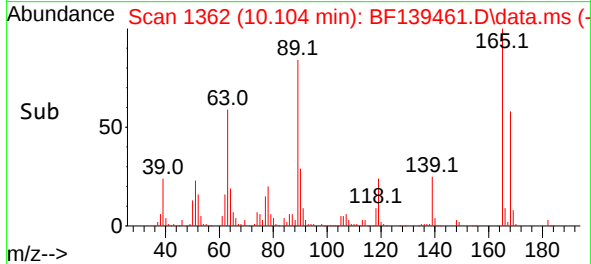
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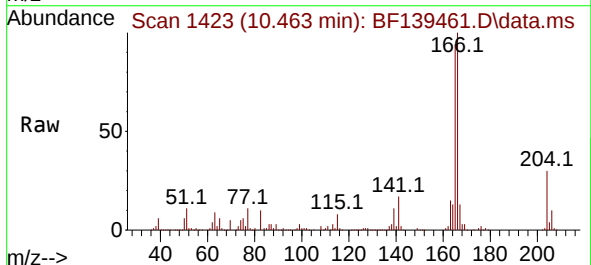
Supervised By :mohammad

ahmed

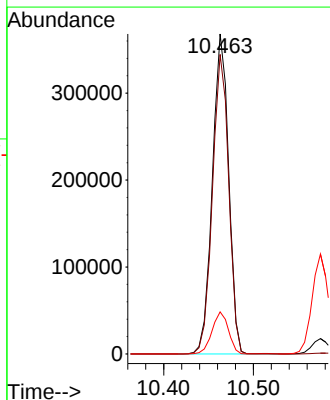
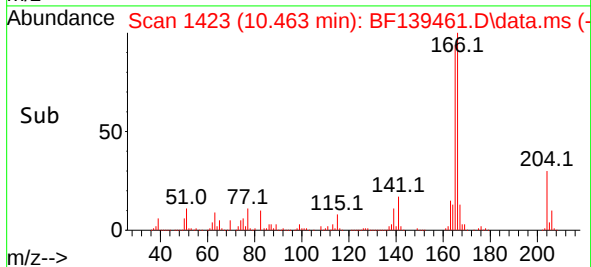
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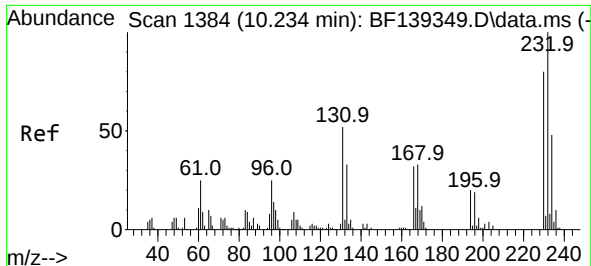


#58
Fluorene
Concen: 41.428 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27



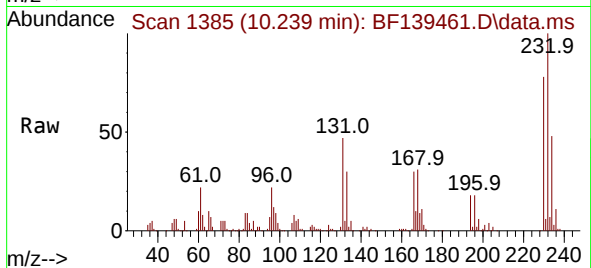
Tgt Ion:166 Resp: 463611
Ion Ratio Lower Upper
166 100
165 93.6 74.5 111.7
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.493 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :
BNA_F
ClientSampleId :
PB163516BS

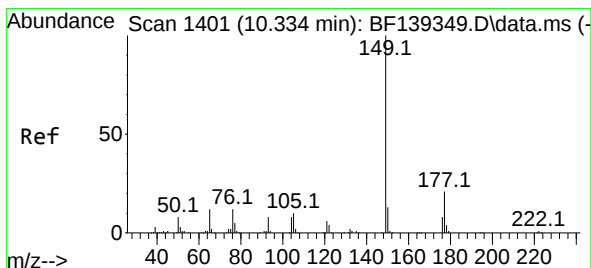
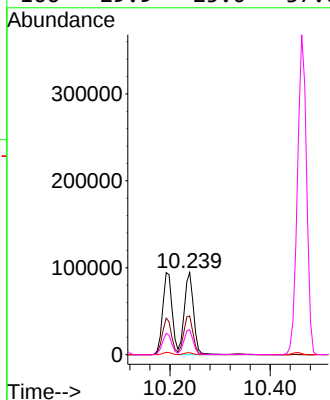
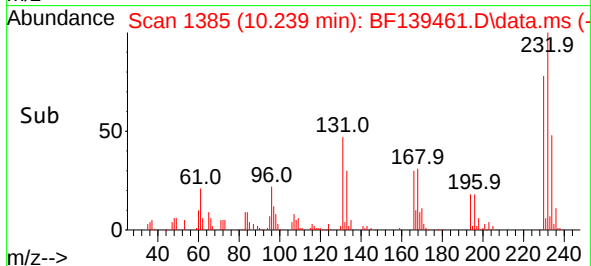


Tgt Ion:232 Resp: 12189
Ion Ratio Lower Upper
232 100
131 47.9 40.7 61.1
130 2.3 2.2 3.2
166 29.9 25.0 37.6

Manual Integrations
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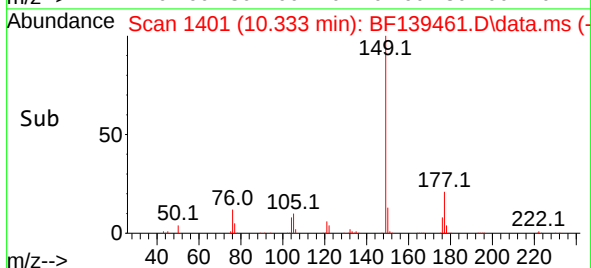
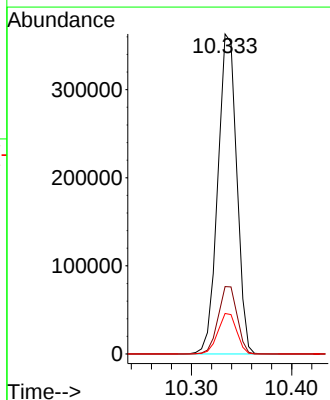
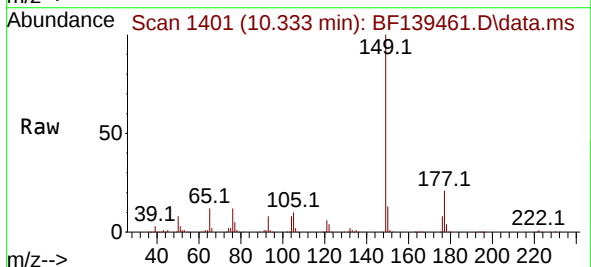
Reviewed By :Yogesh
Patel
09/21/2024

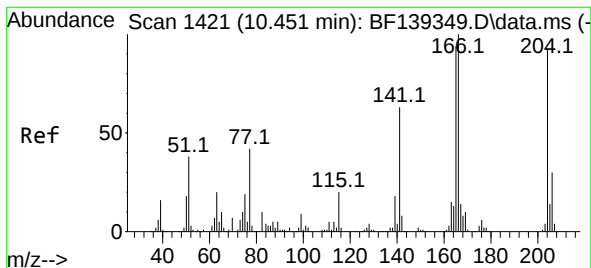
Supervised By :mohammad
ahmed
09/22/2024



#60
Diethylphthalate
Concen: 43.075 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

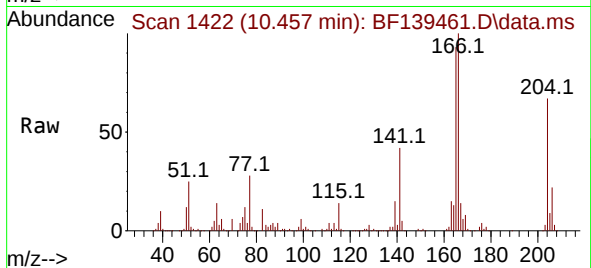
Tgt Ion:149 Resp: 475070
Ion Ratio Lower Upper
149 100
177 21.0 16.6 24.8
150 12.7 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 41.410 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :
BNA_F
ClientSampleId :
PB163516BS

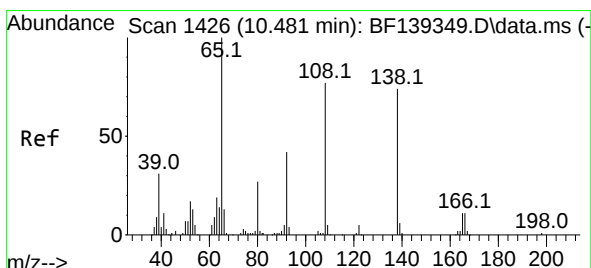
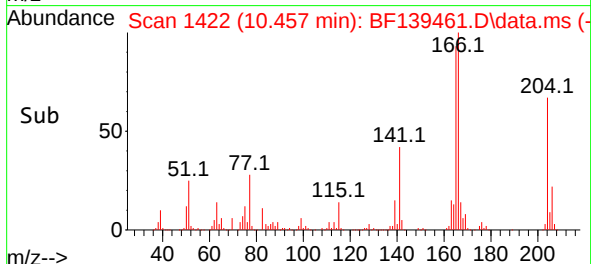
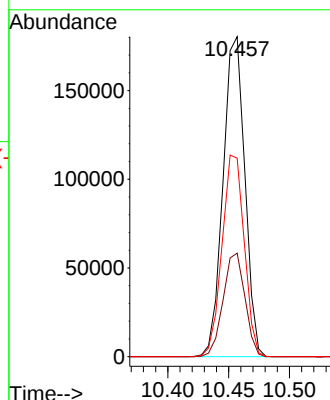


Tgt Ion:204 Resp: 22521
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 62.1 53.9 80.9

Manual Integrations
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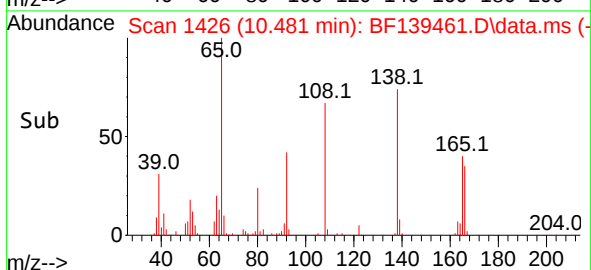
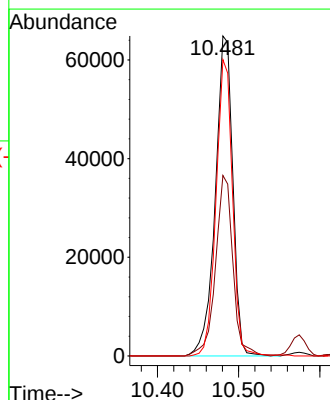
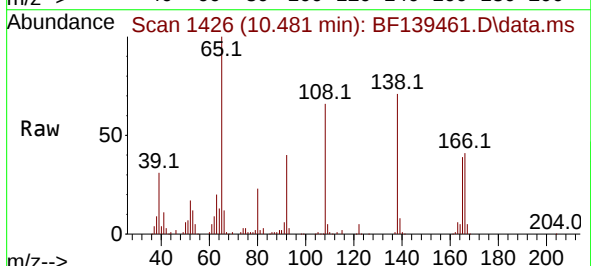
Reviewed By :Yogesh
Patel
09/21/2024

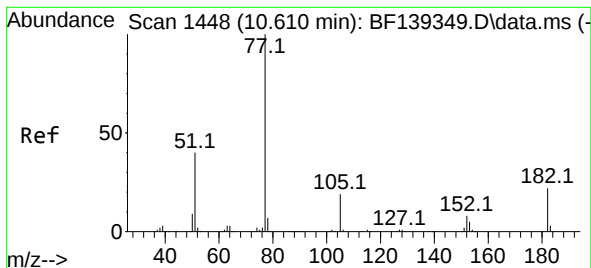
Supervised By :mohammad
ahmed
09/22/2024



#62
4-Nitroaniline
Concen: 37.688 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

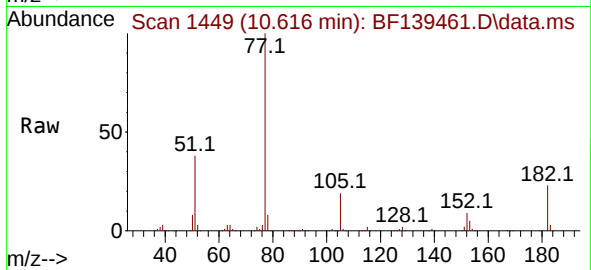
Tgt Ion:138 Resp: 97325
Ion Ratio Lower Upper
138 100
92 56.4 37.0 77.0
108 92.6 84.4 124.4





#63
Azobenzene
Concen: 44.337 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :
BNA_F
ClientSampleId :
PB163516BS

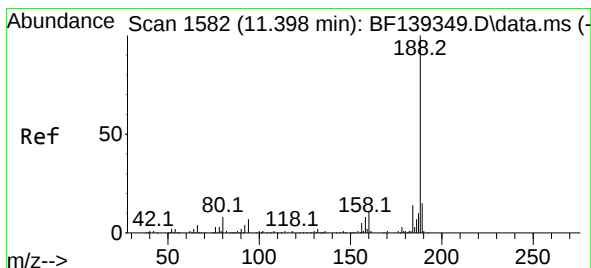
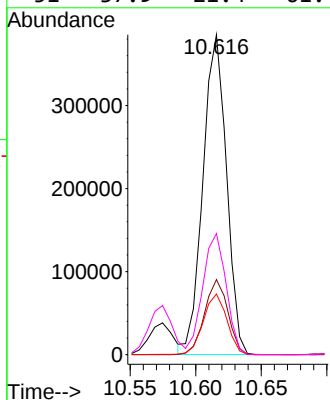


Tgt Ion: 77 Resp: 480944
Ion Ratio Lower Upper
77 100
182 23.5 1.8 41.8
105 19.0 0.0 38.6
51 37.9 21.4 61.4

Manual Integrations
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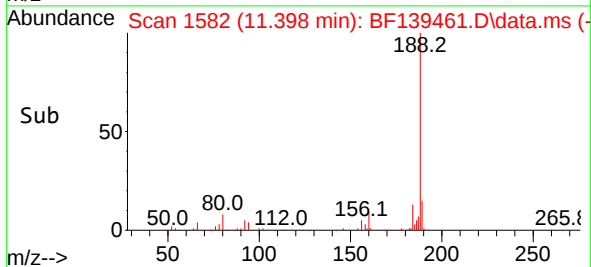
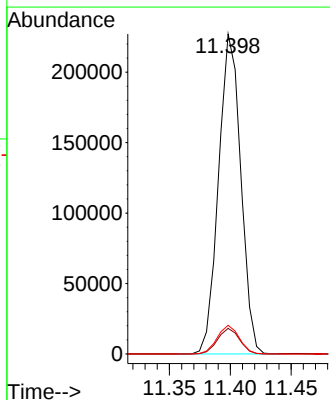
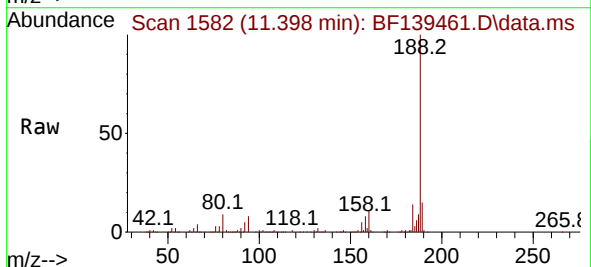
Reviewed By :Yogesh
Patel
09/21/2024

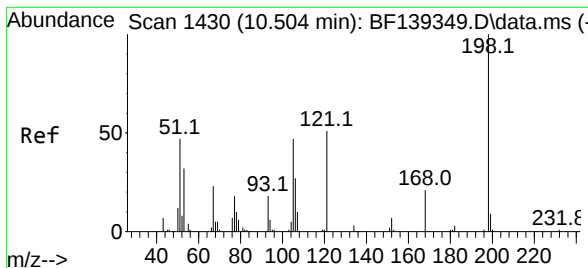
Supervised By :mohammad
ahmed
09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

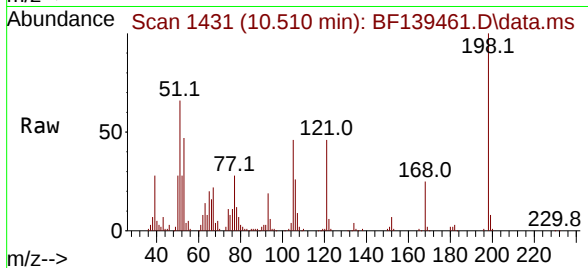
Tgt Ion:188 Resp: 289025
Ion Ratio Lower Upper
188 100
94 8.0 5.5 8.3
80 8.9 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 48.661 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :
BNA_F
ClientSampleId :
PB163516BS

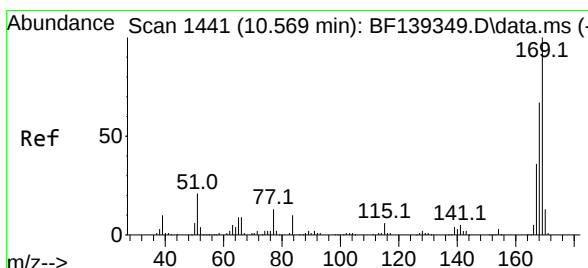
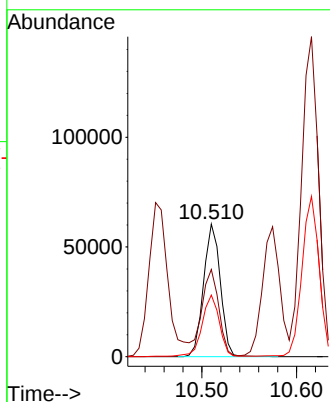
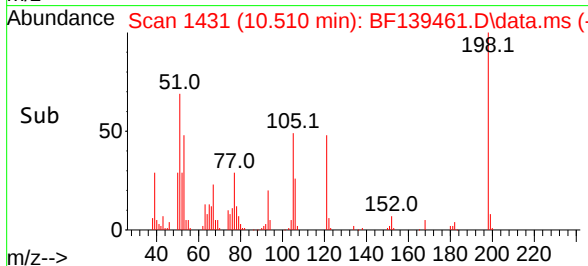


Tgt Ion:198 Resp: 74229
Ion Ratio Lower Upper
198 100
51 65.8 50.4 90.4
105 46.5 28.3 68.3

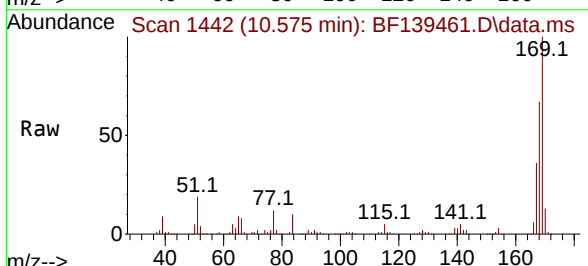
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
09/21/2024

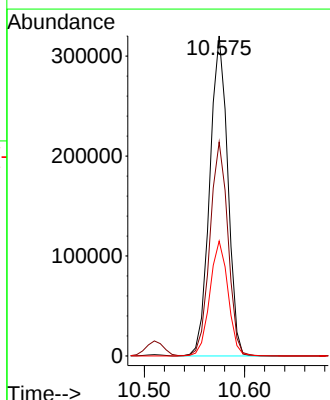
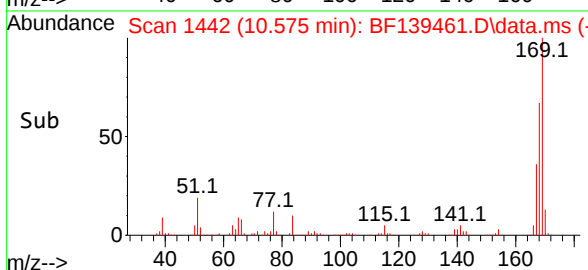
Supervised By :mohammad
ahmed
09/22/2024

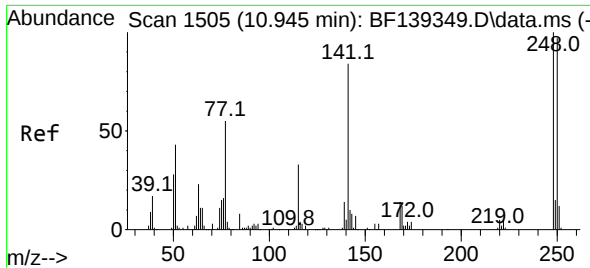


#66
n-Nitrosodiphenylamine
Concen: 47.177 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27



Tgt Ion:169 Resp: 398654
Ion Ratio Lower Upper
169 100
168 66.8 53.6 80.4
167 35.9 28.7 43.1





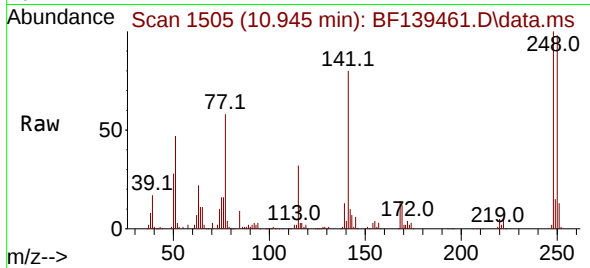
#67
4-Bromophenyl-phenylether
Concen: 46.160 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:248 Resp: 132209
Ion Ratio Lower Upper
248 100
250 97.8 77.6 116.4
141 80.1 66.9 100.3

Manual Integrations

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Reviewed By :Yogesh

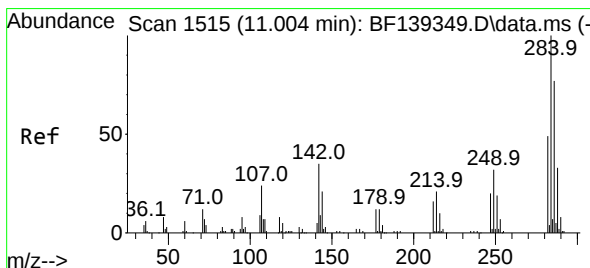
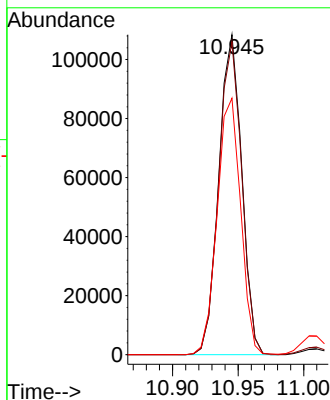
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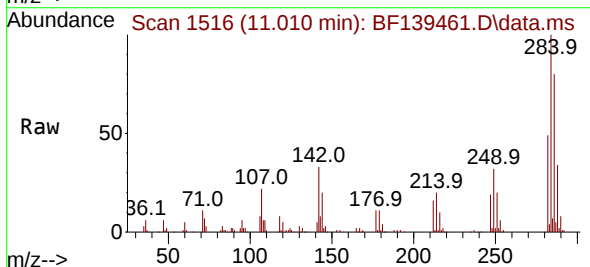
Supervised By :mohammad

ahmed

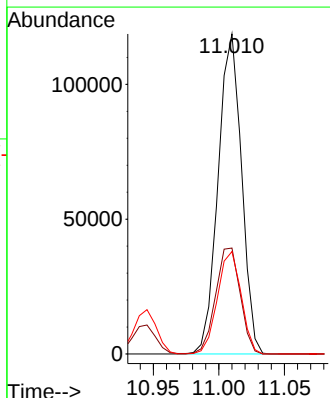
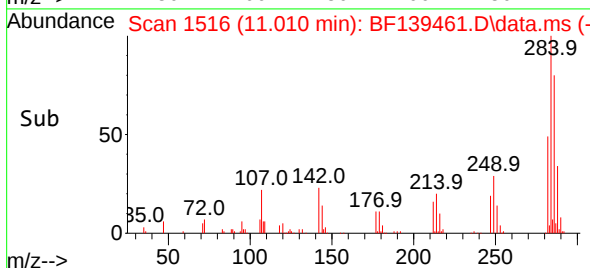
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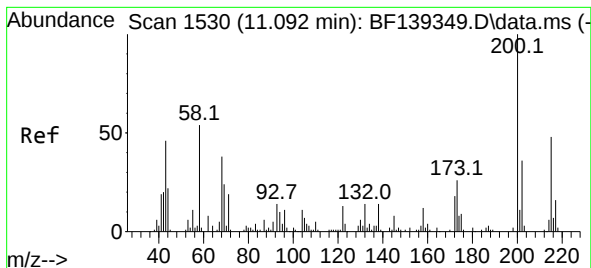


#68
Hexachlorobenzene
Concen: 43.843 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27



Tgt Ion:284 Resp: 147375
Ion Ratio Lower Upper
284 100
142 33.1 28.0 42.0
249 32.0 25.3 37.9





#69

Atrazine

Concen: 63.677 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139461.D

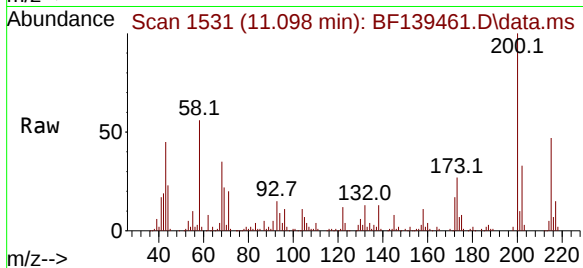
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:	200	Resp:	128099
Ion Ratio	Lower	Upper	
200	100		
173	26.7	6.1	46.1
215	47.2	28.2	68.2

Manual Integrations

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Reviewed By :Yogesh

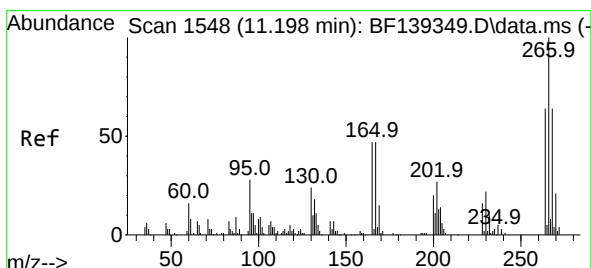
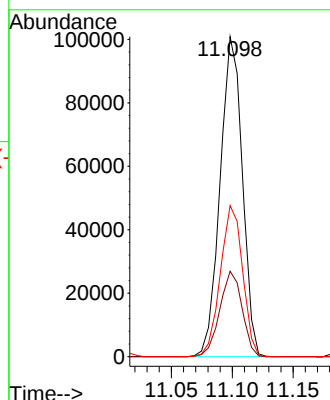
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#70

Pentachlorophenol

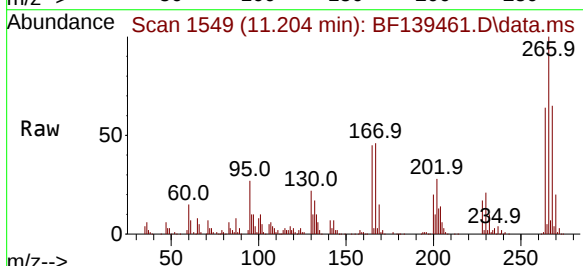
Concen: 82.473 ng

RT: 11.204 min Scan# 1549

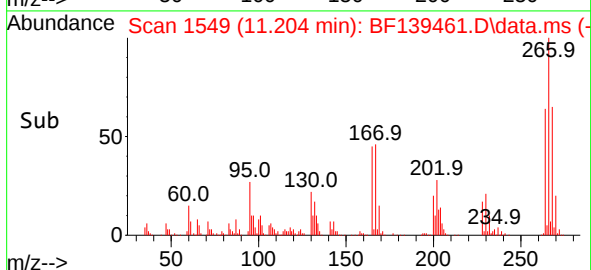
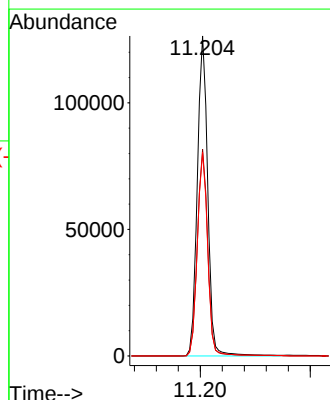
Delta R.T. 0.006 min

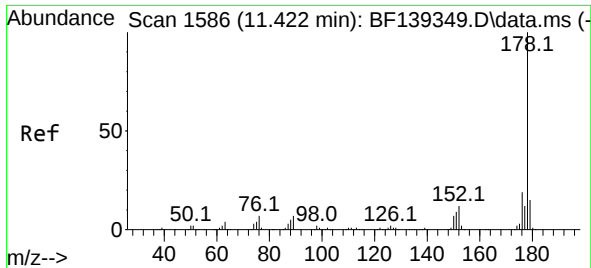
Lab File: BF139461.D

Acq: 19 Sep 2024 13:27



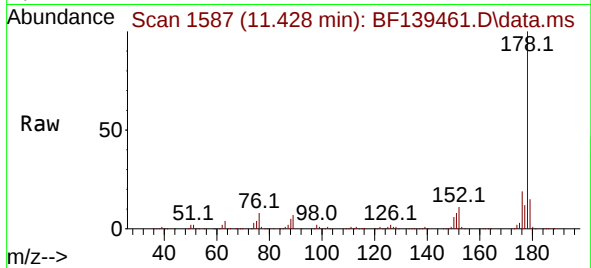
Tgt Ion:	266	Resp:	166350
Ion Ratio	Lower	Upper	
266	100		
268	64.6	51.1	76.7
264	63.6	51.4	77.0





#71
Phenanthrene
Concen: 45.407 ng
RT: 11.428 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :
BNA_F
ClientSampleId :
PB163516BS

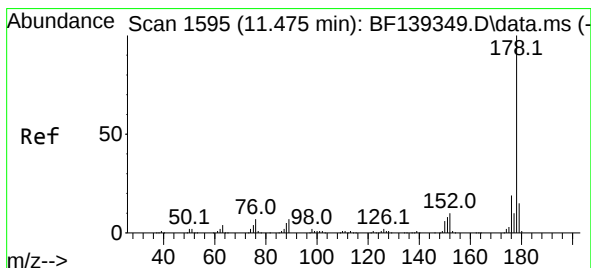
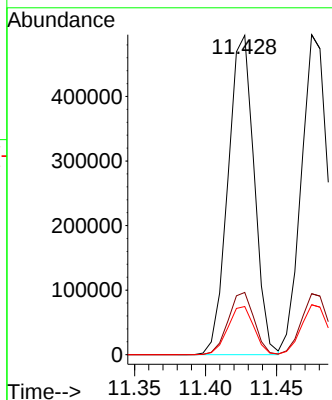


Tgt Ion:178 Resp: 633170
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.1 12.2 18.4

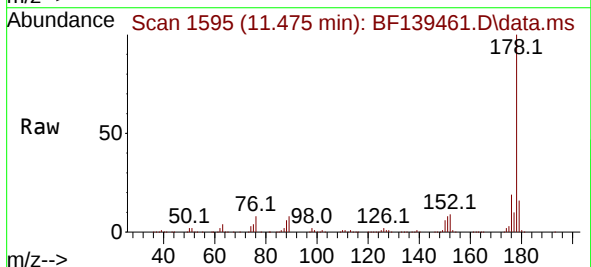
Manual Integrations
APPROVED

Reviewed By :Yogesh
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09/21/2024

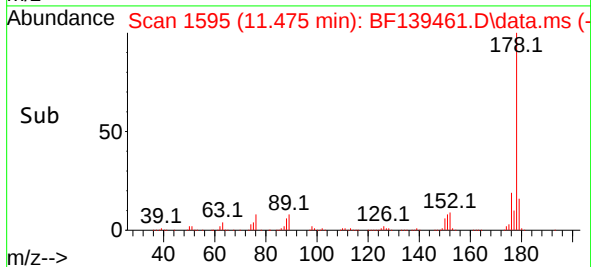
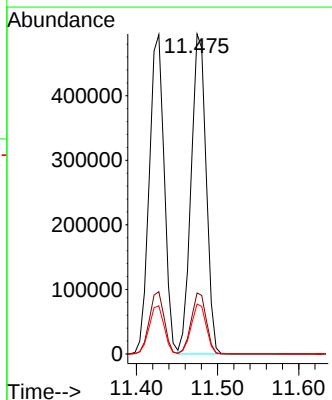
Supervised By :mohammad
ahmed
09/22/2024

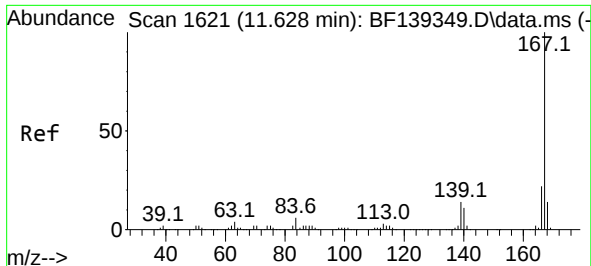


#72
Anthracene
Concen: 46.824 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27



Tgt Ion:178 Resp: 638377
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.6 12.0 18.0





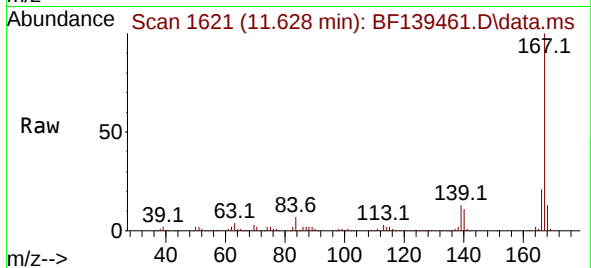
#73
 Carbazole
 Concen: 42.692 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139461.D
 Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:167 Resp: 557070
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.2 10.9 16.3

Manual Integrations

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Reviewed By :Yogesh

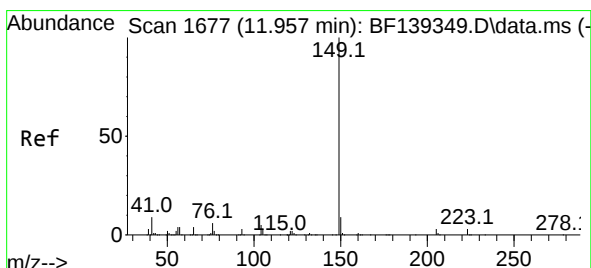
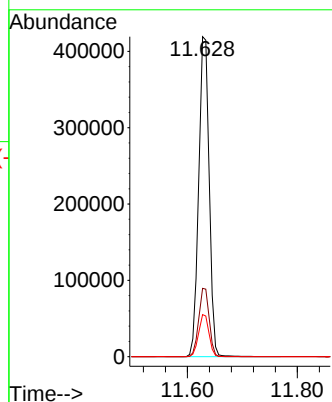
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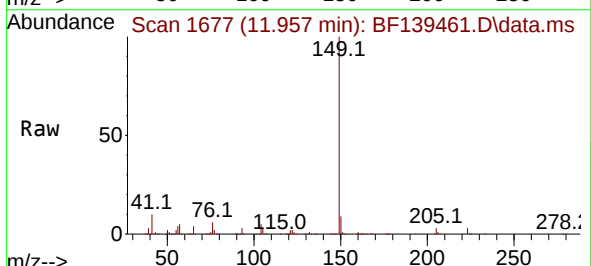
Supervised By :mohammad

ahmed

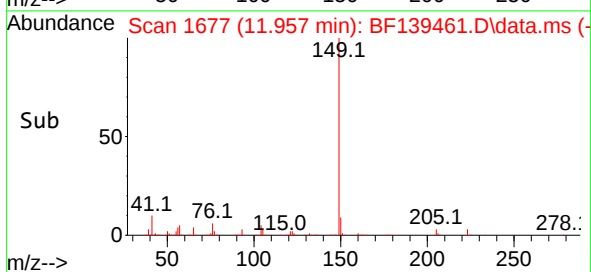
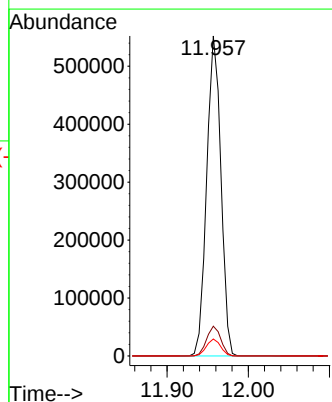
09/22/2024

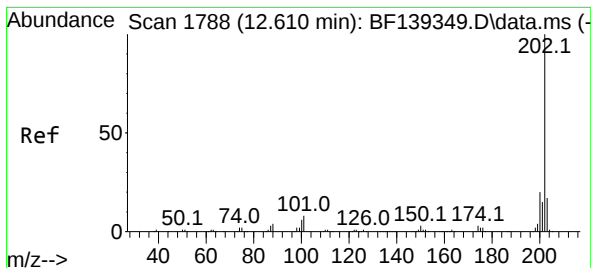


#74
 Di-n-butylphthalate
 Concen: 46.024 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139461.D
 Acq: 19 Sep 2024 13:27



Tgt Ion:149 Resp: 669000
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 42.138 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139461.D

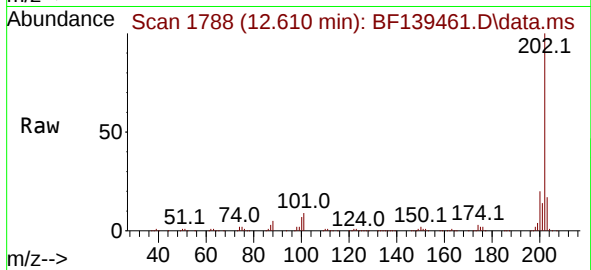
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:202 Resp: 62748

Ion Ratio Lower Upper

202 100

101 8.7 0.0 27.7

203 17.4 0.0 37.4

Manual Integrations

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Reviewed By :Yogesh

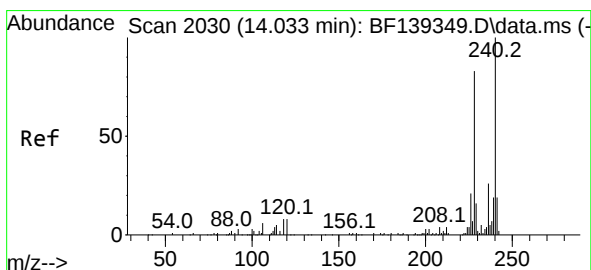
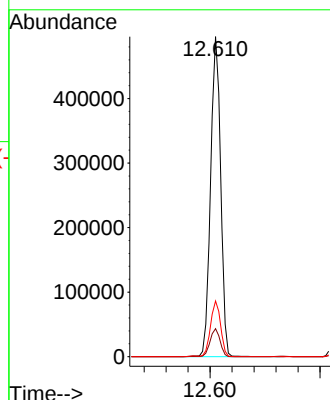
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#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

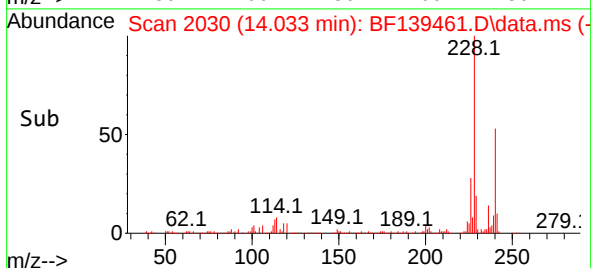
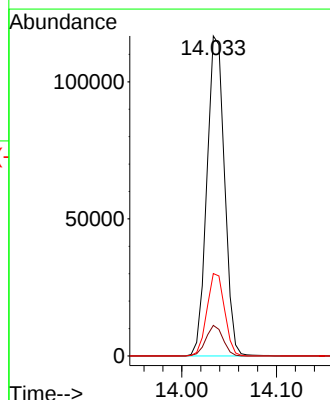
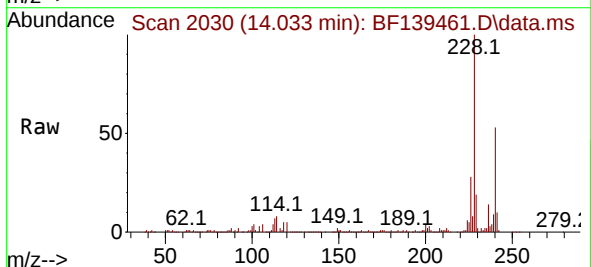
Tgt Ion:240 Resp: 150837

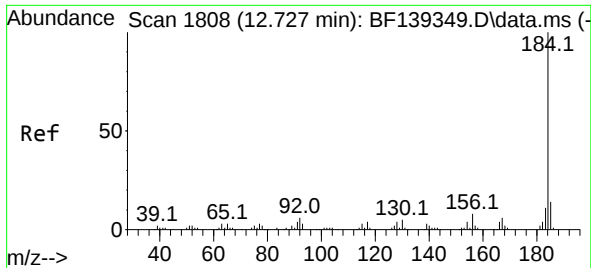
Ion Ratio Lower Upper

240 100

120 9.6 6.2 9.2#

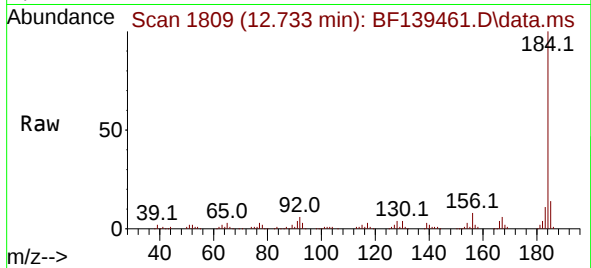
236 25.7 20.9 31.3





#77
Benzidine
Concen: 65.572 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :
BNA_F
ClientSampleId :
PB163516BS

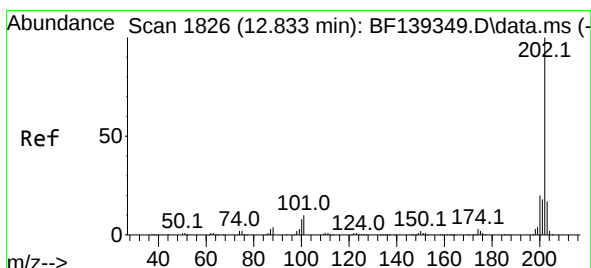
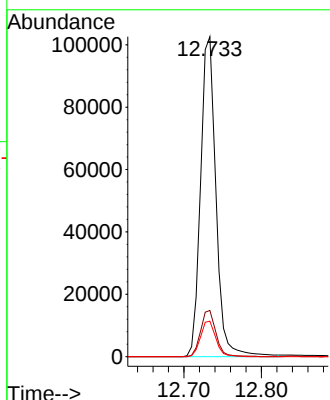


Tgt Ion:184 Resp: 141709
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.1 8.9 13.3

Manual Integrations
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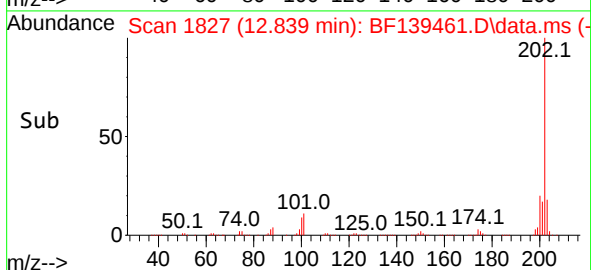
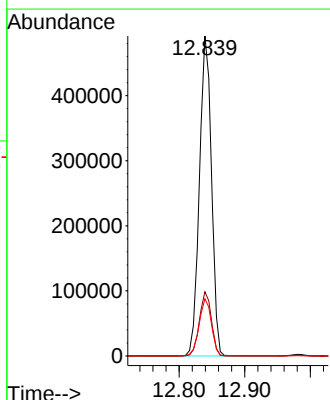
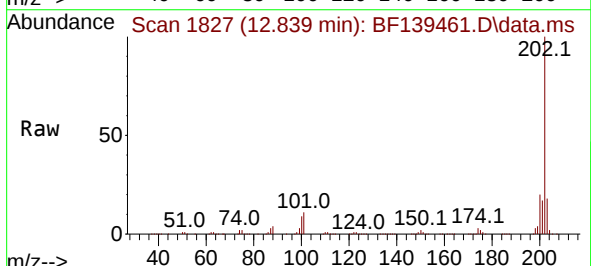
Reviewed By :Yogesh
Patel
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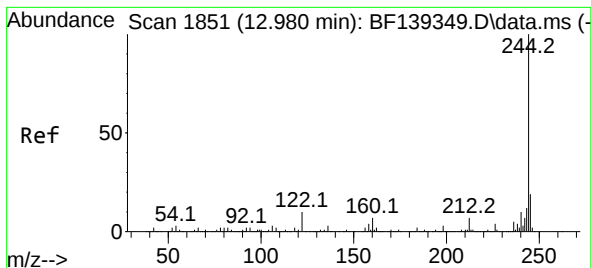
Supervised By :mohammad
ahmed
09/22/2024



#78
Pyrene
Concen: 48.700 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:202 Resp: 630733
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.8 13.9 20.9





#79

Terphenyl-d14

Concen: 92.949 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139461.D

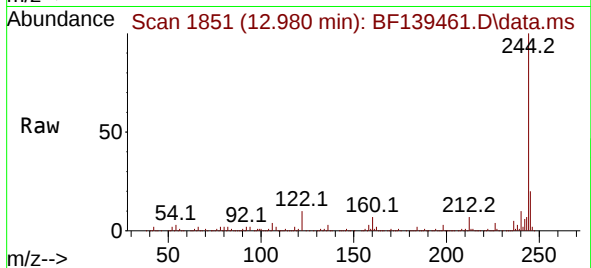
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:	244	Resp:	85416
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.0	9.0
122	10.3	7.6	11.4

Manual Integrations
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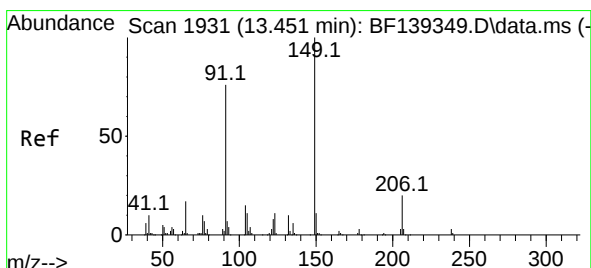
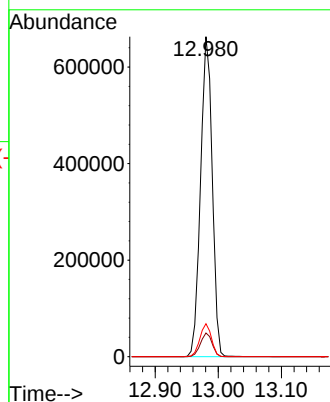
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#80

Butylbenzylphthalate

Concen: 50.411 ng

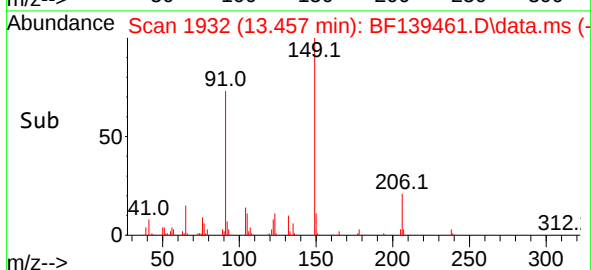
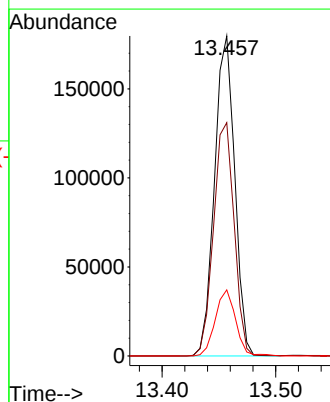
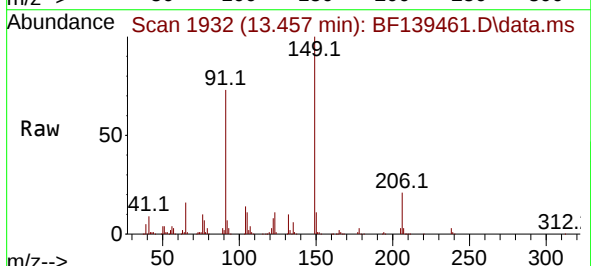
RT: 13.457 min Scan# 1932

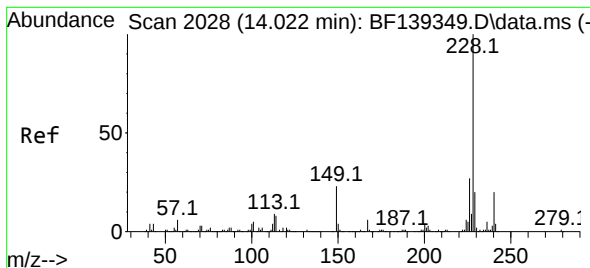
Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Tgt Ion:	149	Resp:	222229
Ion Ratio	Lower	Upper	
149	100		
91	72.9	60.9	91.3
206	20.6	15.8	23.8





#81

Benzo(a)anthracene

Concen: 47.156 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139461.D

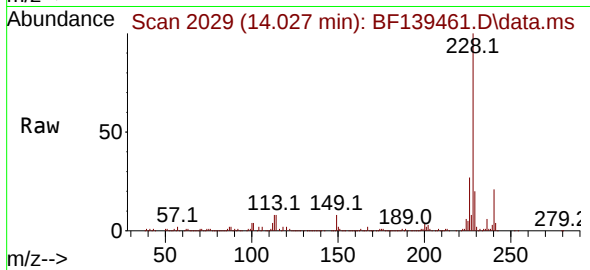
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:228 Resp: 471152

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

229 19.6 15.7 23.5

Manual Integrations

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Reviewed By :Yogesh

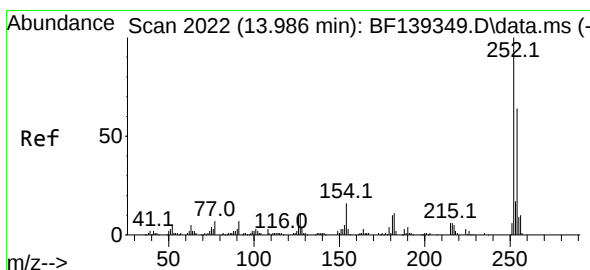
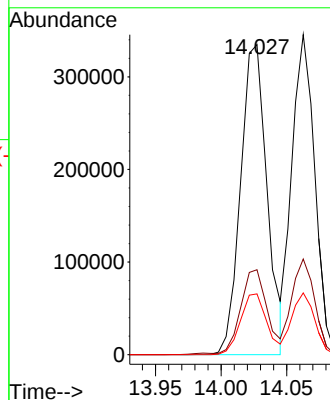
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#82

3,3'-Dichlorobenzidine

Concen: 34.973 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

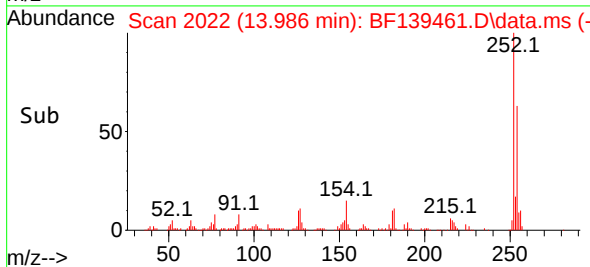
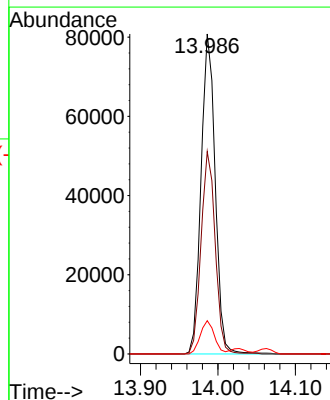
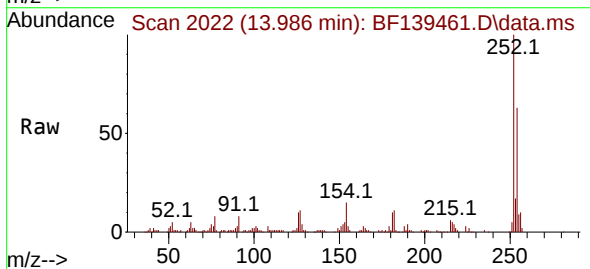
Tgt Ion:252 Resp: 102331

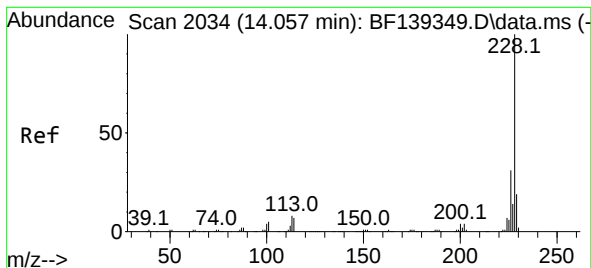
Ion Ratio Lower Upper

252 100

254 63.2 51.4 77.2

126 10.4 7.7 11.5





#83

Chrysene

Concen: 45.793 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

Tgt Ion:228 Resp: 42093

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.3 15.4 23.0

Manual Integrations

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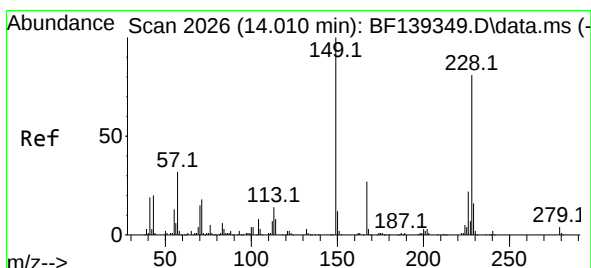
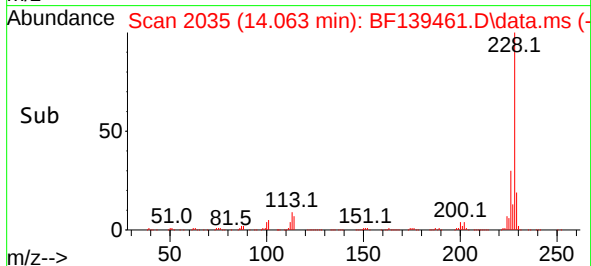
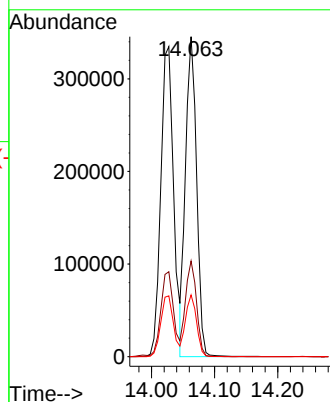
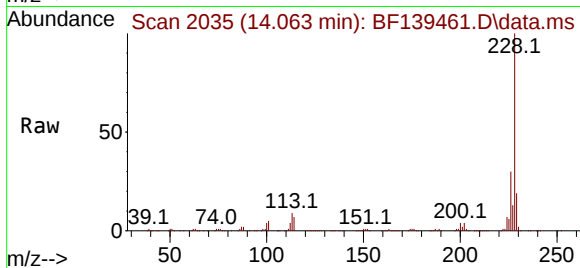
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#84

Bis(2-ethylhexyl)phthalate

Concen: 49.591 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

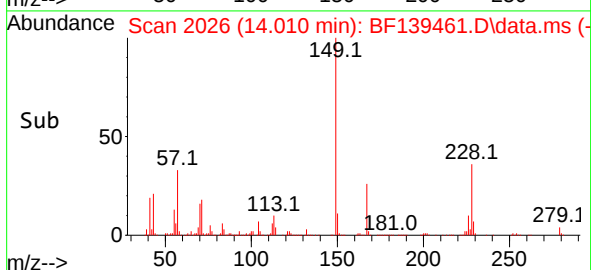
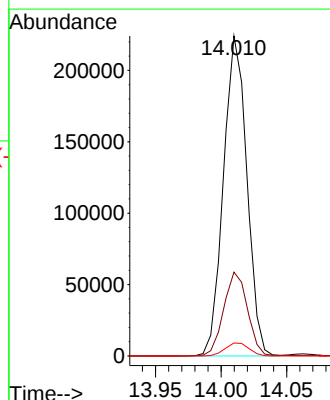
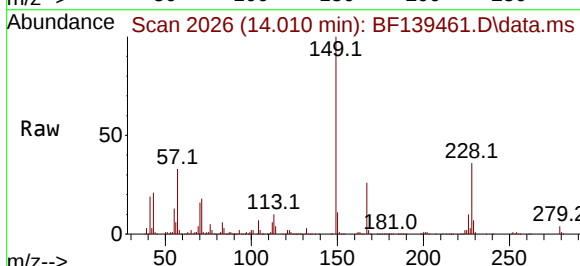
Tgt Ion:149 Resp: 278107

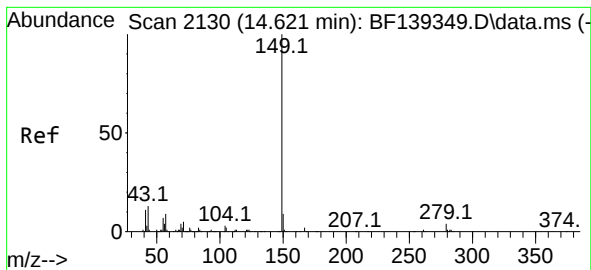
Ion Ratio Lower Upper

149 100

167 26.2 21.6 32.4

279 4.0 3.3 4.9





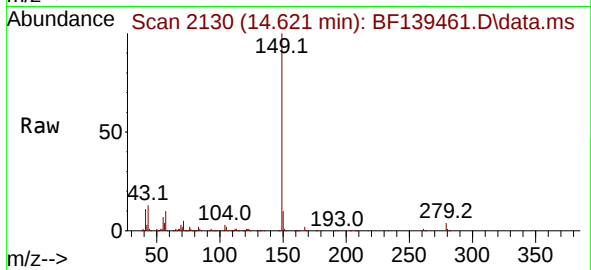
#85
Di-n-octyl phthalate
Concen: 51.839 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:149 Resp: 42814
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 12.6 10.6 16.0

Manual Integrations

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Reviewed By :Yogesh

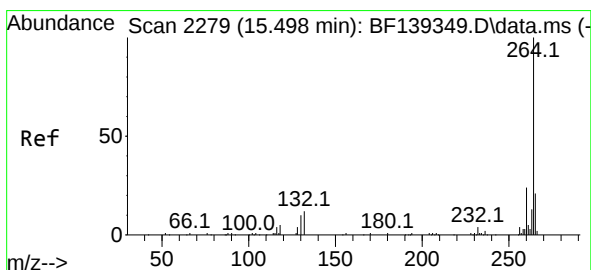
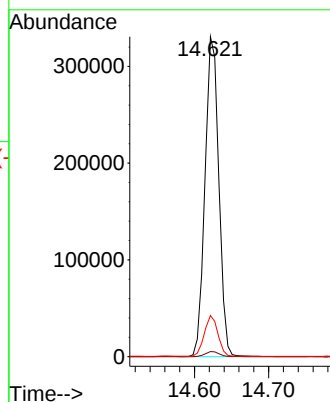
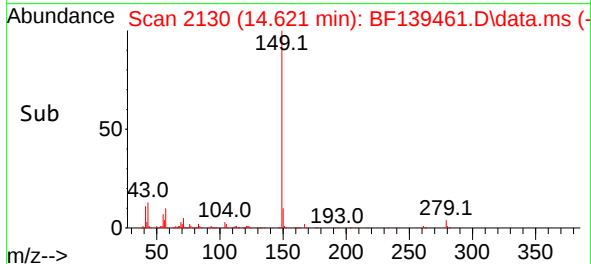
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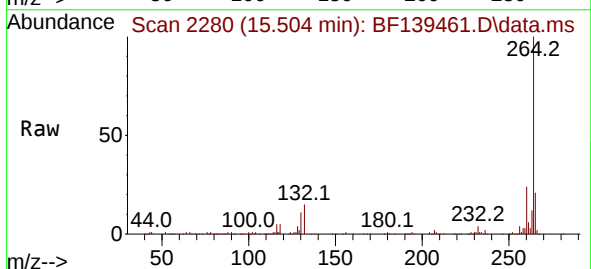
Supervised By :mohammad

ahmed

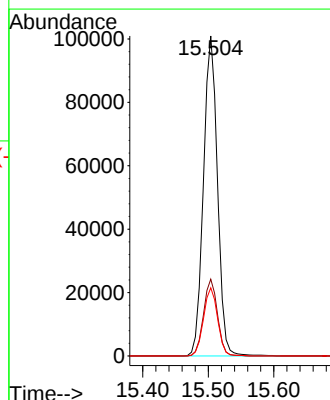
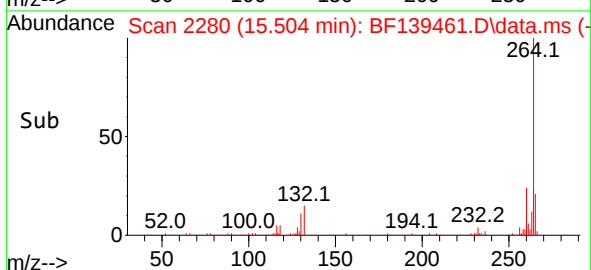
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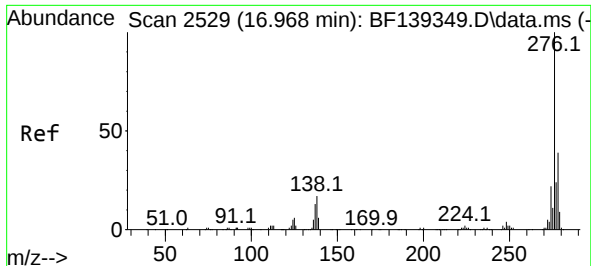


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27



Tgt Ion:264 Resp: 150353
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 21.3 16.6 25.0





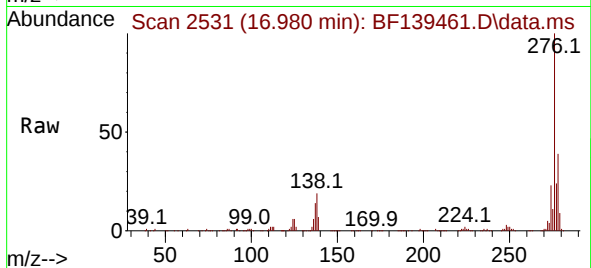
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.475 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:276 Resp: 424440
Ion Ratio Lower Upper
276 100
138 21.1 15.4 23.2
277 25.2 20.4 30.6

Manual Integrations

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Reviewed By :Yogesh

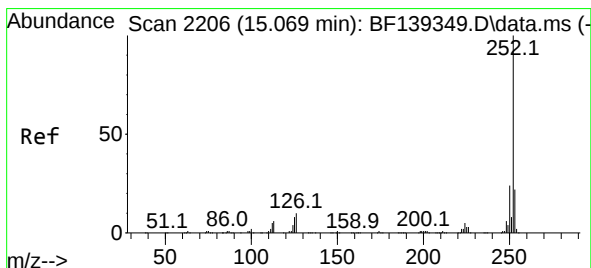
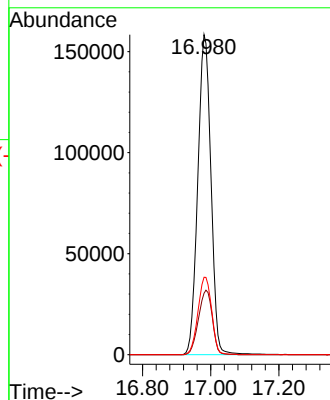
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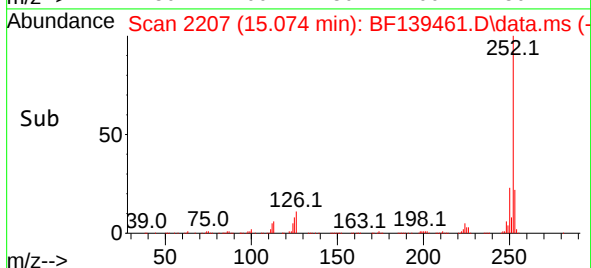
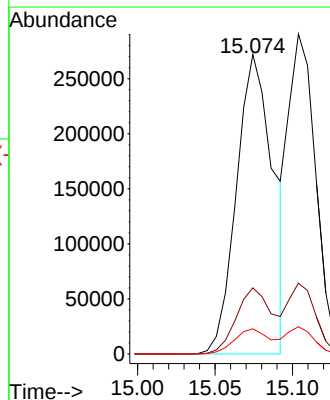
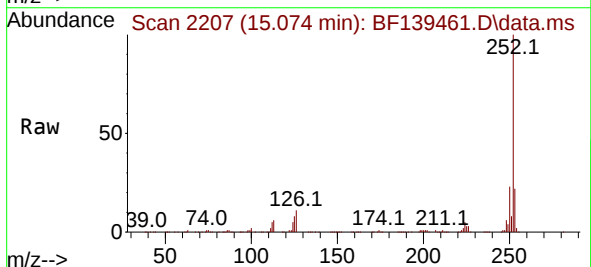
ahmed

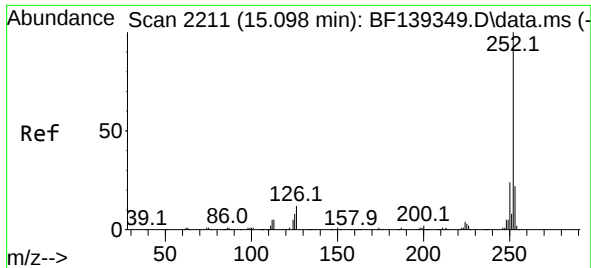
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#88
Benzo(b)fluoranthene
Concen: 48.194 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:252 Resp: 446898
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.4 6.2 9.2





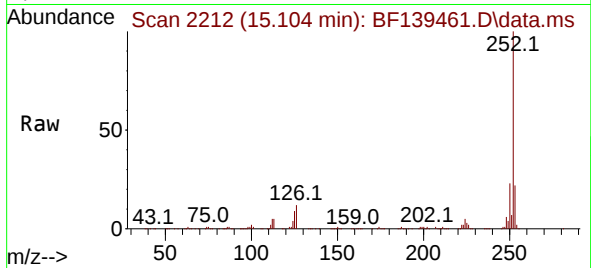
#89
Benzo(k)fluoranthene
Concen: 41.932 ng
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:252 Resp: 35850
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 8.5 5.9 8.9

Manual Integrations

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Reviewed By :Yogesh

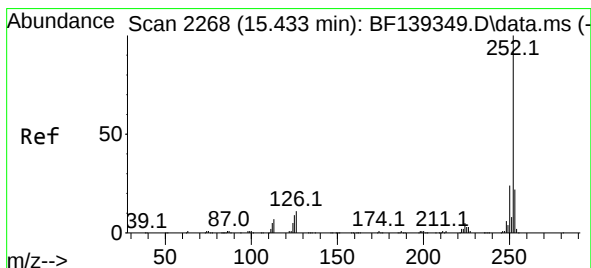
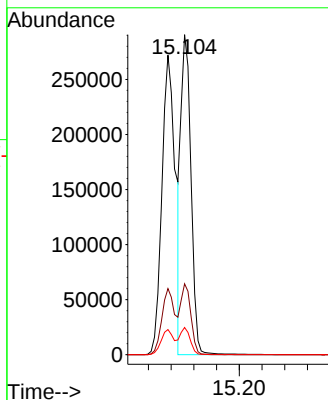
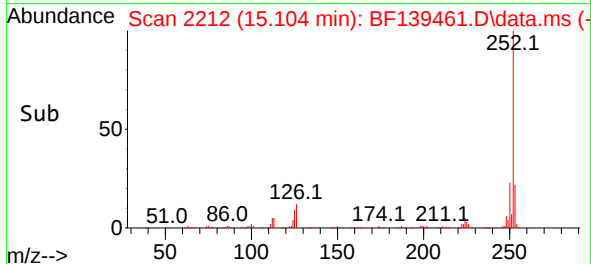
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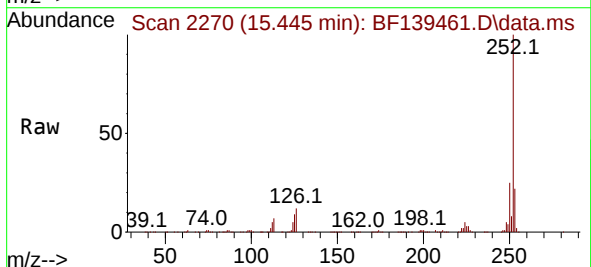
Supervised By :mohammad

ahmed

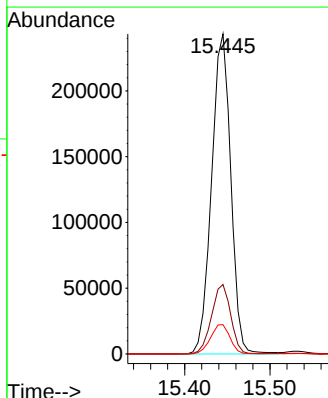
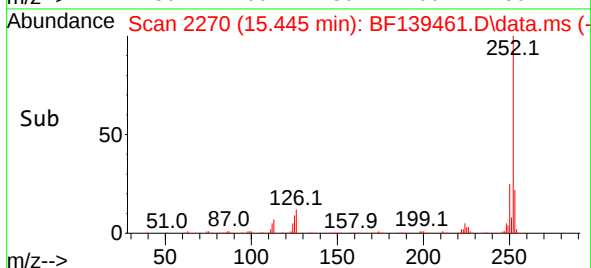
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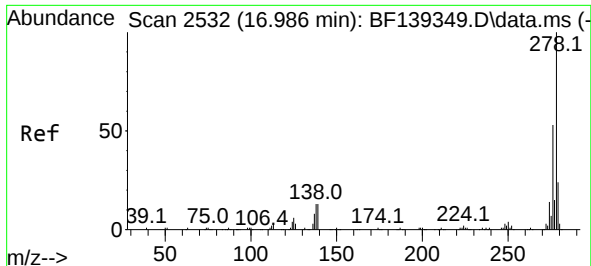


#90
Benzo(a)pyrene
Concen: 49.523 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27



Tgt Ion:252 Resp: 380851
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.2 6.8 10.2





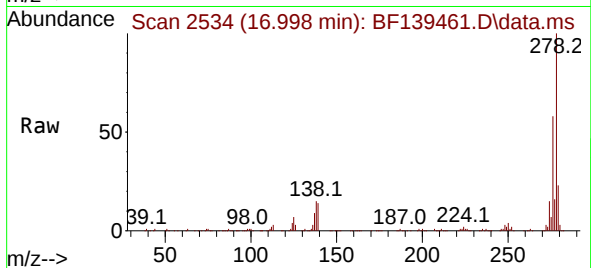
#91
Dibenzo(a,h)anthracene
Concen: 46.772 ng
RT: 16.998 min Scan# 2534
Delta R.T. 0.012 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



Tgt Ion:278 Resp: 34553
Ion Ratio Lower Upper
278 100
139 13.6 10.2 15.2
279 23.5 18.9 28.3

Manual Integrations

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Reviewed By :Yogesh

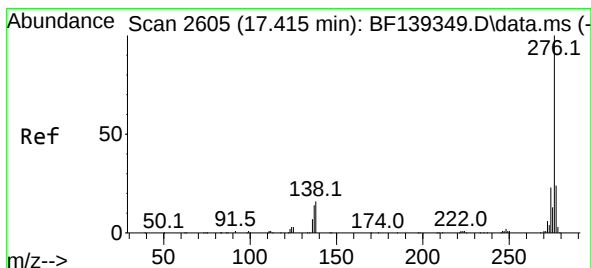
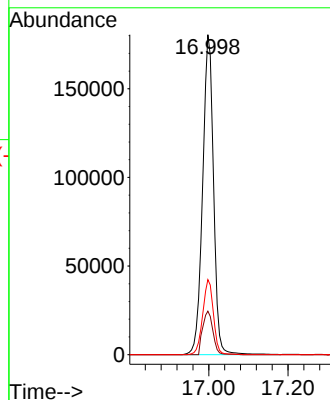
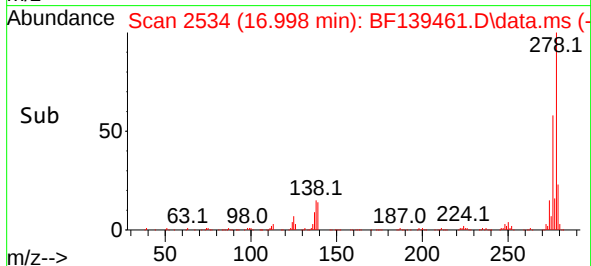
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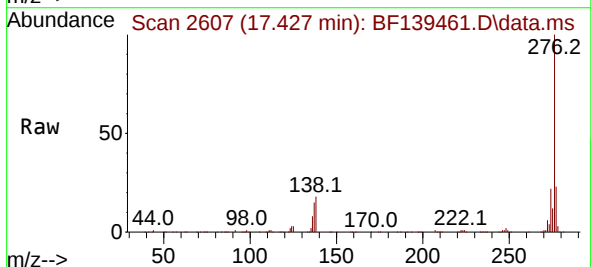
Supervised By :mohammad

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#92
Benzo(g,h,i)perylene
Concen: 42.721 ng
RT: 17.427 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27



Tgt Ion:276 Resp: 312491
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 18.3 13.0 19.6

