

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139551.D
 Acq On : 26 Sep 2024 16:56
 Operator : RC/JU
 Sample : PB163677BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163677BSD

Quant Time: Sep 26 17:23:51 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 09/27/2024
 Supervised By :mohammad ahmed 09/28/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	72760	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	272741	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	145233	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	254802	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	129364	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	149417	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	444661	99.697	ng	0.01
7) Phenol-d6	6.510	99	570620	97.472	ng	0.00
23) Nitrobenzene-d5	7.445	82	548114	94.477	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	141745	91.674	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	972090	93.875	ng	0.00
79) Terphenyl-d14	12.980	244	821007	104.171	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	81447	45.516	ng	95
3) Pyridine	3.475	79	216440	54.861	ng	96
4) n-Nitrosodimethylamine	3.440	42	159828	46.739	ng	# 81
6) Aniline	6.540	93	283068	64.072	ng	# 84
8) 2-Chlorophenol	6.663	128	249232	54.285	ng	99
9) Benzaldehyde	6.428	77	41003	12.123	ng	98
10) Phenol	6.528	94	322178	54.035	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	238151	52.552	ng	99
12) 1,3-Dichlorobenzene	6.822	146	261284	50.041	ng	98
13) 1,4-Dichlorobenzene	6.898	146	268981	50.978	ng	99
14) 1,2-Dichlorobenzene	7.045	146	259443	52.037	ng	97
15) Benzyl Alcohol	7.022	79	236416	50.618	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	442434	63.349	ng	95
17) 2-Methylphenol	7.134	107	195659	53.639	ng	98
18) Hexachloroethane	7.387	117	101781	50.644	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	185496	53.470	ng	97
20) 3+4-Methylphenols	7.287	107	249229	50.080	ng	# 88
22) Acetophenone	7.287	105	344526	48.319	ng	98
24) Nitrobenzene	7.463	77	288330	48.288	ng	97
25) Isophorone	7.698	82	497710	54.245	ng	99
26) 2-Nitrophenol	7.775	139	132576	56.990	ng	90
27) 2,4-Dimethylphenol	7.816	122	197543	64.376	ng	96
28) bis(2-Chloroethoxy)met...	7.910	93	287436	54.967	ng	99
29) 2,4-Dichlorophenol	8.022	162	202214	51.873	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	222475	48.980	ng	98
31) Naphthalene	8.181	128	738223	51.846	ng	99
32) Benzoic acid	7.939	122	139531	48.589	ng	90
33) 4-Chloroaniline	8.228	127	111447	25.585	ng	97
34) Hexachlorobutadiene	8.298	225	145127	47.029	ng	99
35) Caprolactam	8.598	113	65887m	54.944	ng	
36) 4-Chloro-3-methylphenol	8.716	107	222646	49.974	ng	96
37) 2-Methylnaphthalene	8.875	142	473163	52.354	ng	98
38) 1-Methylnaphthalene	8.975	142	436985	49.249	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	222215	51.627	ng	98
41) Hexachlorocyclopentadiene	9.022	237	271270	180.502	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	149612	53.427	ng	100

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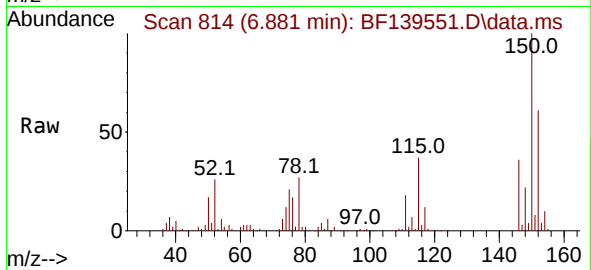
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	157725	53.396	ng	98
46) 1,1'-Biphenyl	9.339	154	578675	51.791	ng	99
47) 2-Chloronaphthalene	9.363	162	435329	52.109	ng	99
48) 2-Nitroaniline	9.457	65	160986	51.809	ng	99
49) Acenaphthylene	9.781	152	711570	56.584	ng	100
50) Dimethylphthalate	9.639	163	506674	53.154	ng	99
51) 2,6-Dinitrotoluene	9.704	165	111190	52.654	ng	88
52) Acenaphthene	9.951	154	503826	57.404	ng	100
53) 3-Nitroaniline	9.869	138	76423	36.213	ng	93
54) 2,4-Dinitrophenol	9.980	184	130283	110.721	ng	# 84
55) Dibenzofuran	10.122	168	639671	52.290	ng	95
56) 4-Nitrophenol	10.033	139	159088	91.103	ng	# 83
57) 2,4-Dinitrotoluene	10.104	165	149772	52.534	ng	96
58) Fluorene	10.463	166	500872	50.182	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	129469	52.985	ng	95
60) Diethylphthalate	10.333	149	508572	51.700	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	244606	50.426	ng	94
62) 4-Nitroaniline	10.486	138	109227	47.423	ng	# 86
63) Azobenzene	10.616	77	513577	53.082	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	81095	60.302	ng	87
66) n-Nitrosodiphenylamine	10.575	169	428271	57.490	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	143411	56.796	ng	97
68) Hexachlorobenzene	11.010	284	156858	52.931	ng	99
69) Atrazine	11.104	200	130365	73.507	ng	99
70) Pentachlorophenol	11.210	266	171897	96.670	ng	98
71) Phenanthrene	11.427	178	675610	54.958	ng	100
72) Anthracene	11.480	178	693397	57.690	ng	100
73) Carbazole	11.633	167	588022	51.116	ng	99
74) Di-n-butylphthalate	11.957	149	682832	53.285	ng	99
75) Fluoranthene	12.616	202	625574	47.652	ng	99
77) Benzidine	12.733	184	214055	115.493	ng	98
78) Pyrene	12.845	202	626209	56.376	ng	100
80) Butylbenzylphthalate	13.457	149	213997	56.601	ng	98
81) Benzo(a)anthracene	14.027	228	479553	55.963	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	117933	46.996	ng	99
83) Chrysene	14.063	228	457887	58.081	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	265524	55.206	ng	98
85) Di-n-octyl phthalate	14.627	149	446308	63.009	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	512497	57.683	ng	# 96
88) Benzo(b)fluoranthene	15.080	252	505200	54.823	ng	98
89) Benzo(k)fluoranthene	15.110	252	401450	47.249	ng	# 98
90) Benzo(a)pyrene	15.451	252	448278	58.656	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	420404	57.262	ng	# 97
92) Benzo(g,h,i)perylene	17.445	276	383067	52.697	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

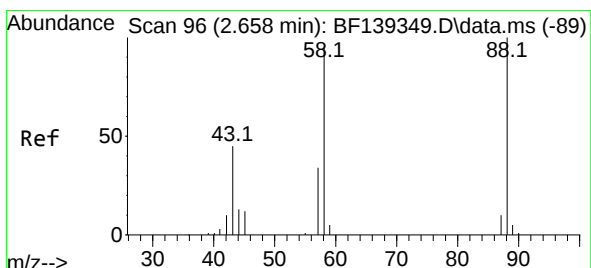
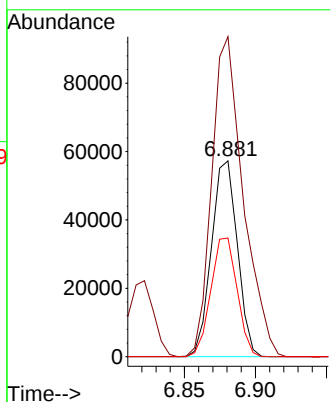
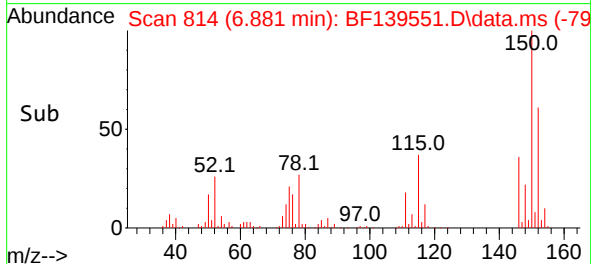
Instrument :
BNA_F
ClientSampleId :
PB163677BSD



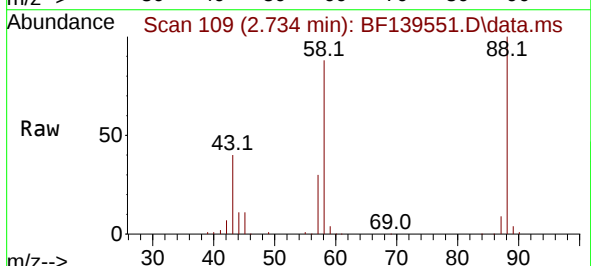
Tgt Ion:152 Resp: 72760
Ion Ratio Lower Upper
152 100
150 163.4 124.1 186.1
115 60.7 48.1 72.1

Manual Integrations
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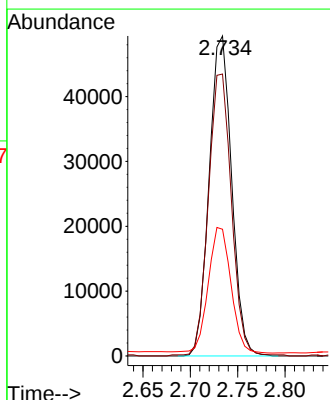
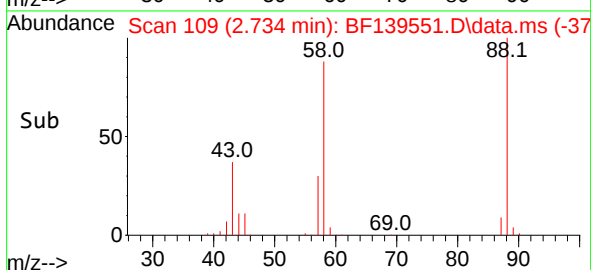
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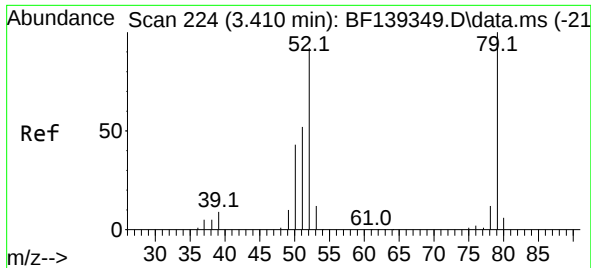


#2
1,4-Dioxane
Concen: 45.516 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.076 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56



Tgt Ion: 88 Resp: 81447
Ion Ratio Lower Upper
88 100
58 90.8 74.8 112.2
43 39.8 36.4 54.6





#3

Pyridine

Concen: 54.861 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

PB163677BSD

Tgt Ion: 79 Resp: 216440

Ion Ratio Lower Upper

79 100

52 91.0 73.8 110.8

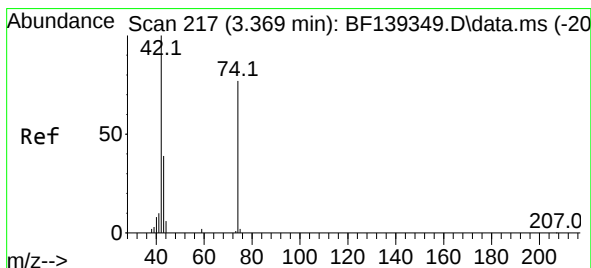
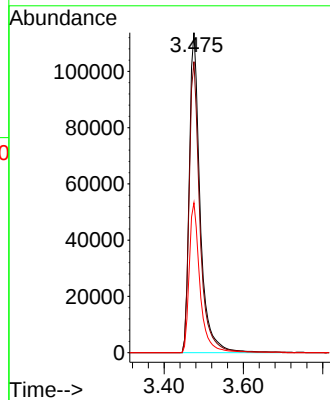
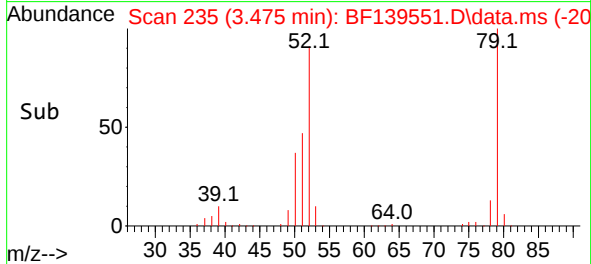
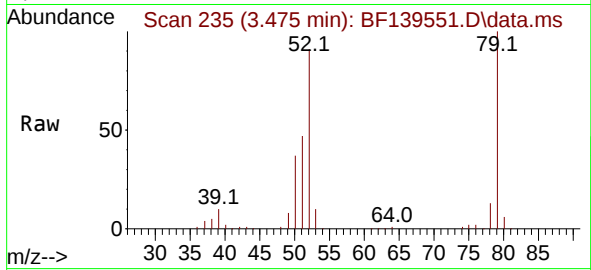
51 46.8 41.8 62.6

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 46.739 ng

RT: 3.440 min Scan# 229

Delta R.T. 0.070 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

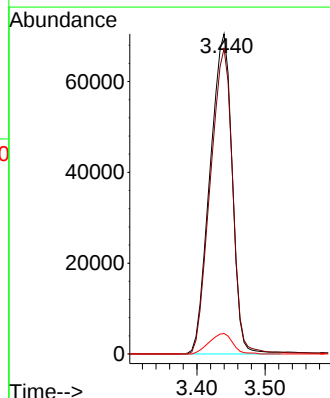
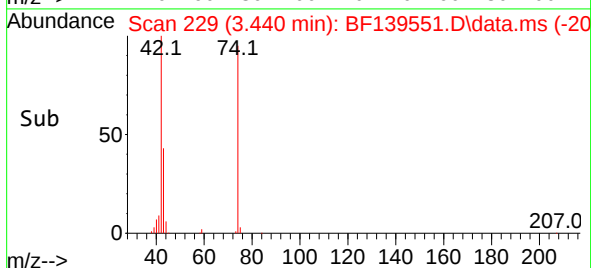
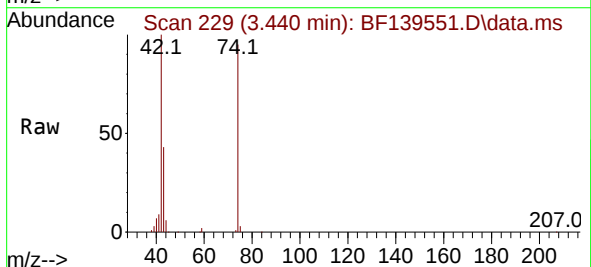
Tgt Ion: 42 Resp: 159828

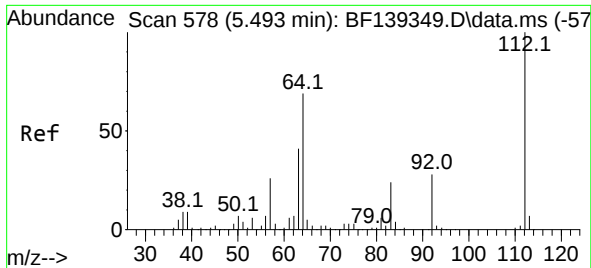
Ion Ratio Lower Upper

42 100

74 95.4 61.8 92.8#

44 6.4 4.8 7.2





#5
 2-Fluorophenol
 Concen: 99.697 ng
 RT: 5.504 min Scan# 51
 Delta R.T. 0.011 min
 Lab File: BF139551.D
 Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

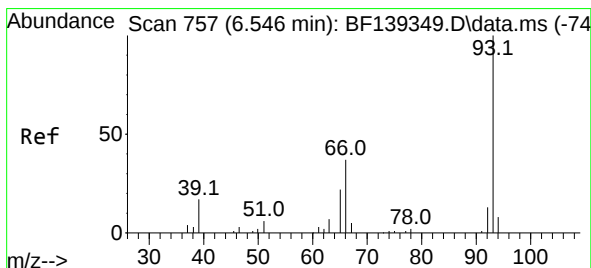
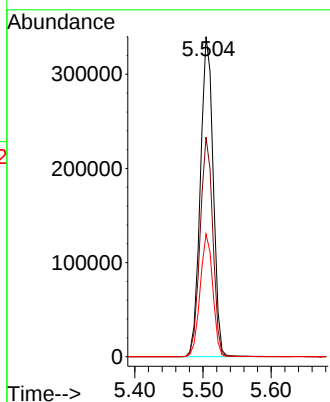
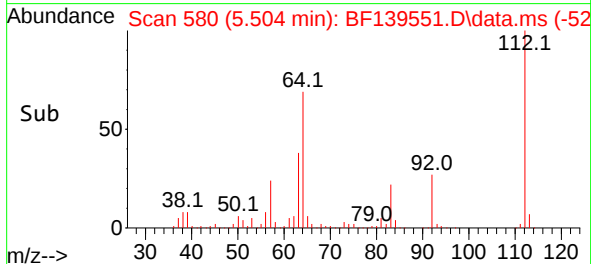
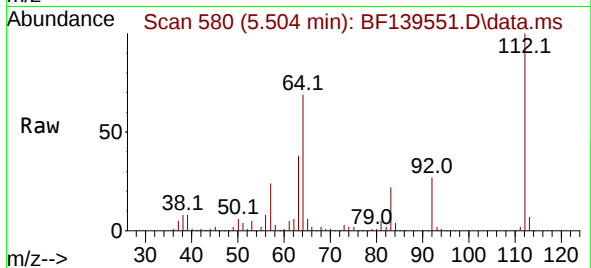
PB163677BSD

Tgt Ion:112 Resp: 44466
 Ion Ratio Lower Upper
 112 100
 64 68.6 54.8 82.2
 63 38.3 33.0 49.4

Manual Integrations

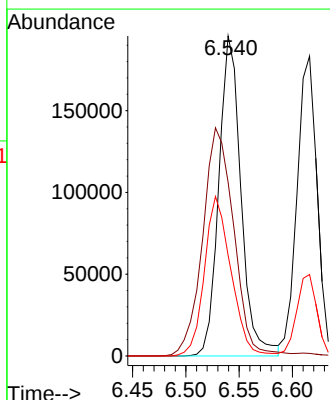
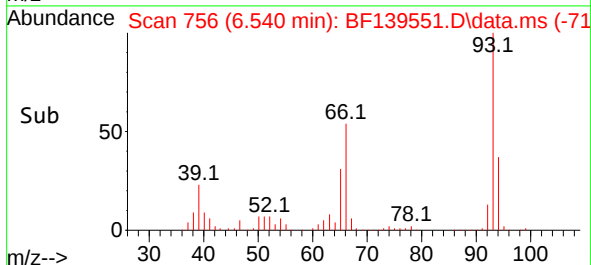
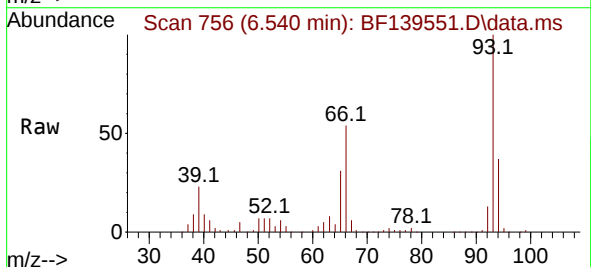
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#6
 Aniline
 Concen: 64.072 ng
 RT: 6.540 min Scan# 756
 Delta R.T. -0.029 min
 Lab File: BF139551.D
 Acq: 26 Sep 2024 16:56

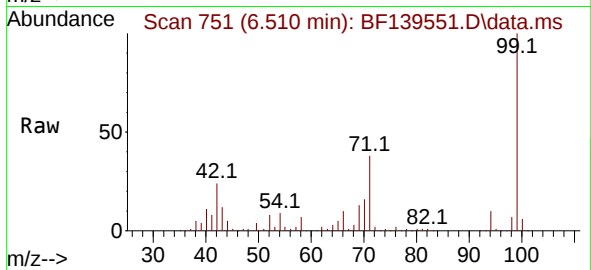
Tgt Ion: 93 Resp: 283068
 Ion Ratio Lower Upper
 93 100
 66 54.2 35.4 53.0#
 65 31.5 18.2 27.4#





#7
Phenol-d6
Concen: 97.472 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

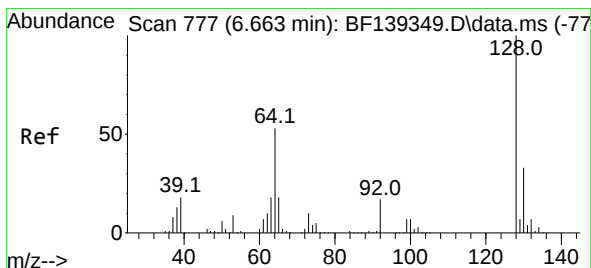
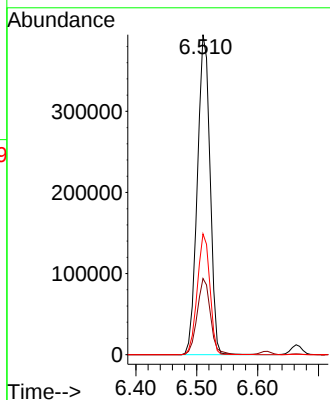
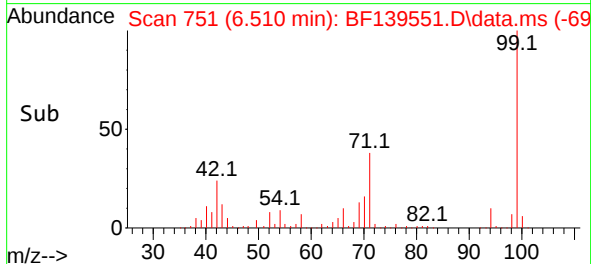
Instrument :
BNA_F
ClientSampleId :
PB163677BSD



Tgt Ion: 99 Resp: 570620
Ion Ratio Lower Upper
99 100
42 23.8 21.9 32.9
71 37.8 34.6 52.0

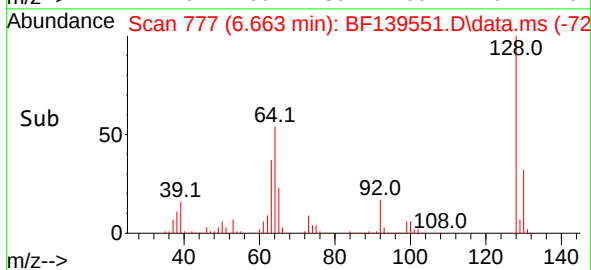
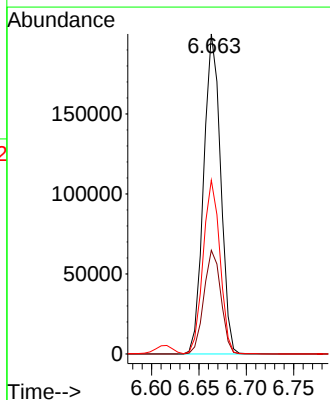
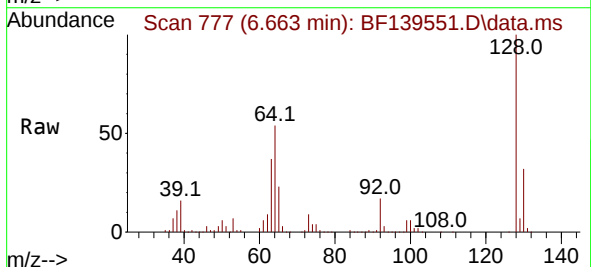
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#8
2-Chlorophenol
Concen: 54.285 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Tgt Ion:128 Resp: 249232
Ion Ratio Lower Upper
128 100
130 32.4 12.8 52.8
64 54.3 35.1 75.1





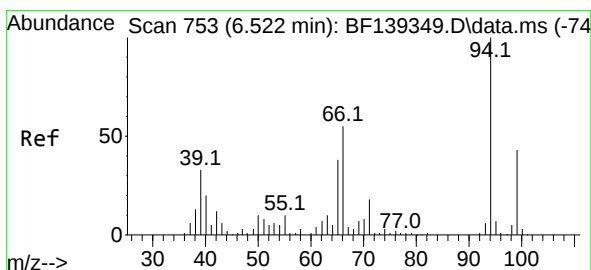
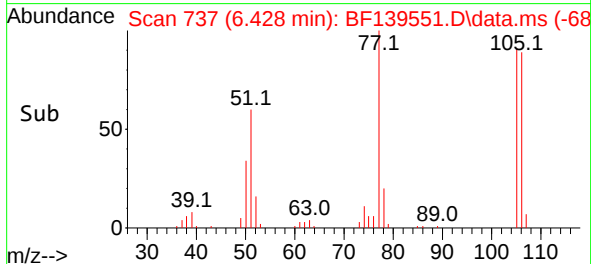
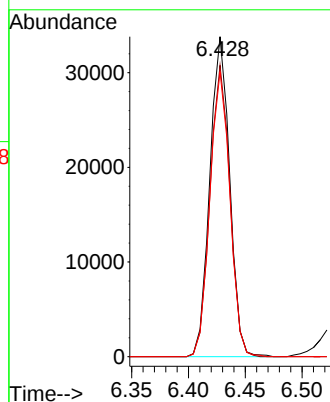
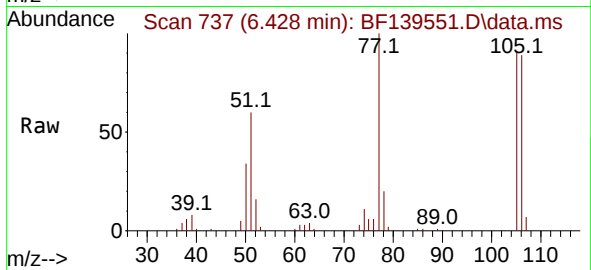
#9
Benzaldehyde
Concen: 12.123 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :
BNA_F
ClientSampleId :
PB163677BSD

Tgt Ion: 77 Resp: 4100
Ion Ratio Lower Upper
77 100
105 91.1 71.0 111.0
106 89.0 64.9 104.9

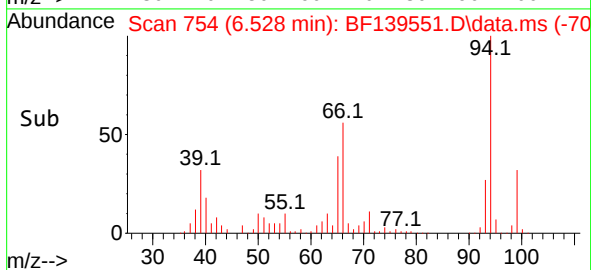
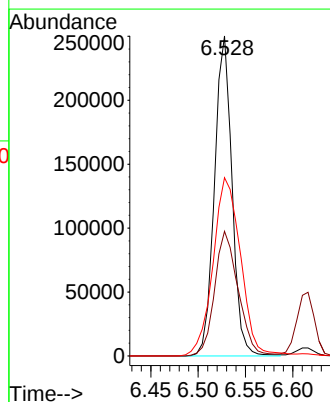
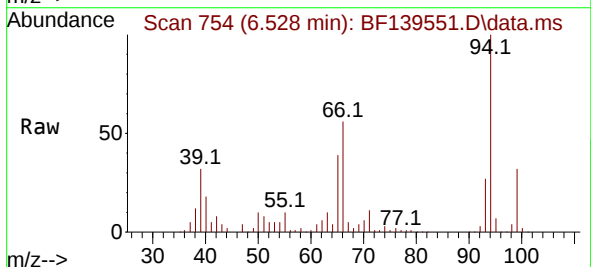
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#10
Phenol
Concen: 54.035 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Tgt Ion: 94 Resp: 322178
Ion Ratio Lower Upper
94 100
65 39.0 17.6 57.6
66 55.7 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 52.552 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

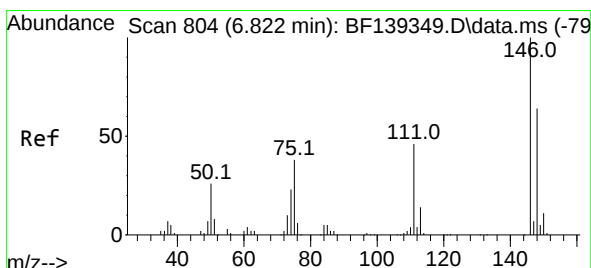
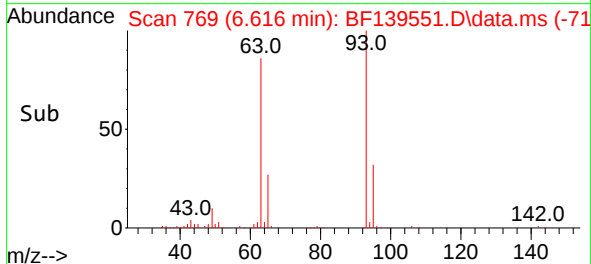
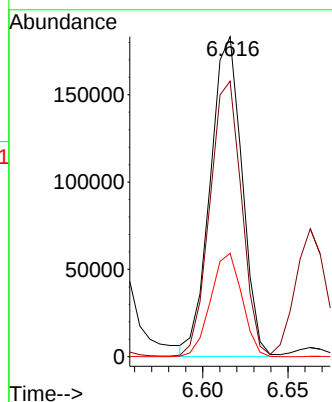
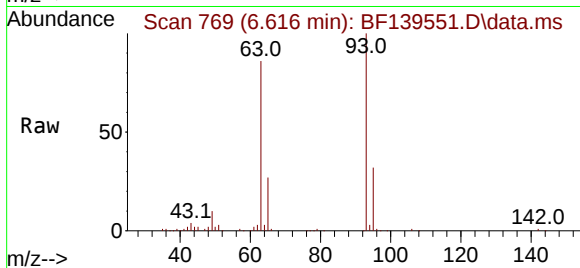
PB163677BSD

Tgt Ion: 93 Resp: 23815
Ion Ratio Lower Upper
93 100
63 86.1 65.3 105.3
95 32.3 12.4 52.4

Manual Integrations

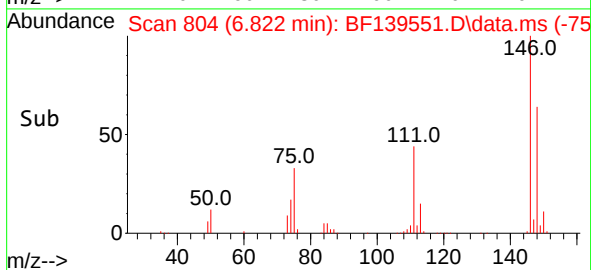
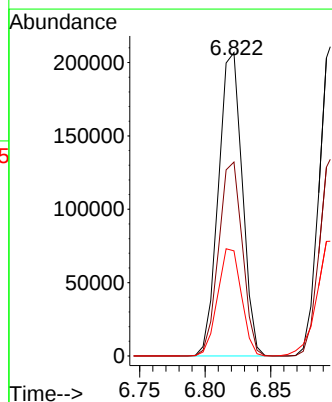
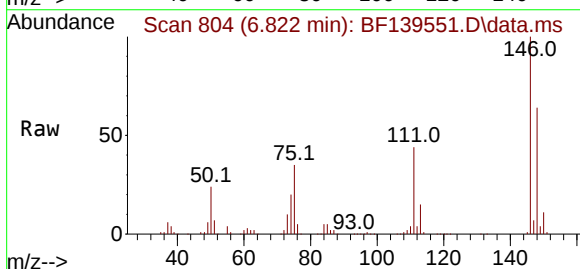
APPROVED

Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#12
1,3-Dichlorobenzene
Concen: 50.041 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Tgt Ion:146 Resp: 261284
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 34.7 30.6 46.0





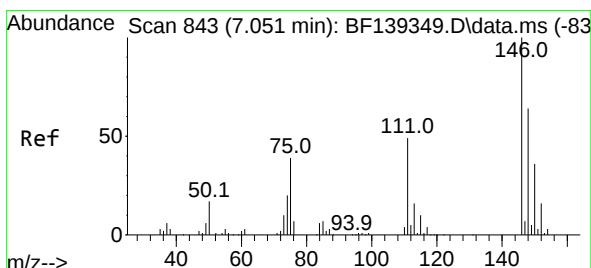
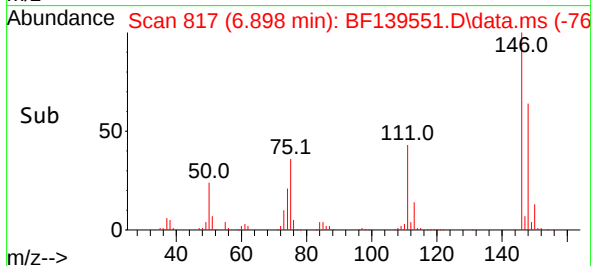
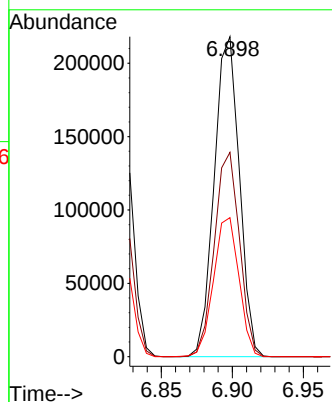
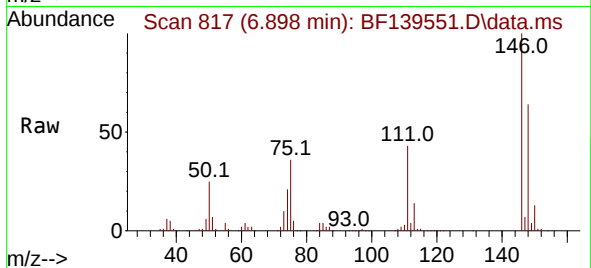
#13
1,4-Dichlorobenzene
Concen: 50.978 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :
BNA_F
ClientSampleId :
PB163677BSD

Tgt Ion:146 Resp: 26898
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
111 43.4 36.3 54.5

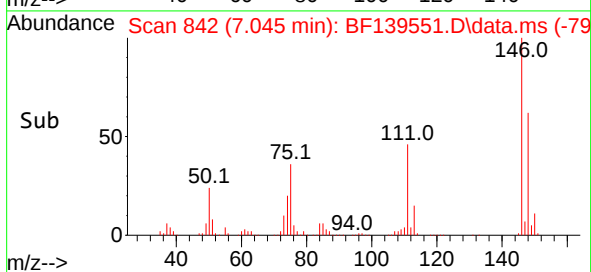
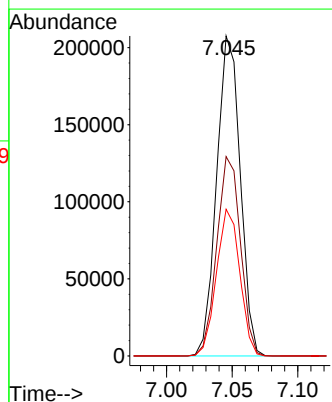
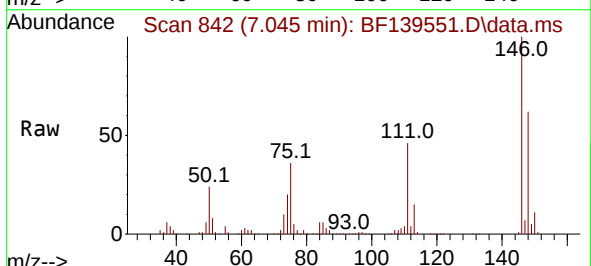
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#14
1,2-Dichlorobenzene
Concen: 52.037 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

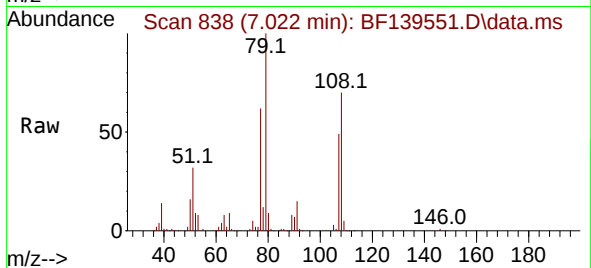
Tgt Ion:146 Resp: 259443
Ion Ratio Lower Upper
146 100
148 62.3 50.9 76.3
111 45.8 38.9 58.3





#15
Benzyl Alcohol
Concen: 50.618 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

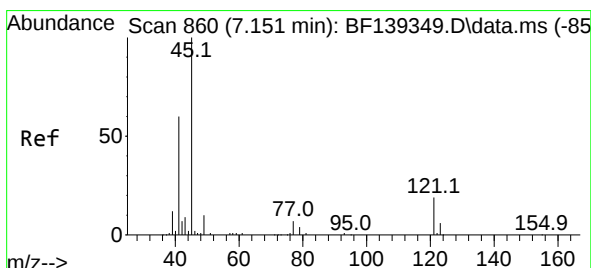
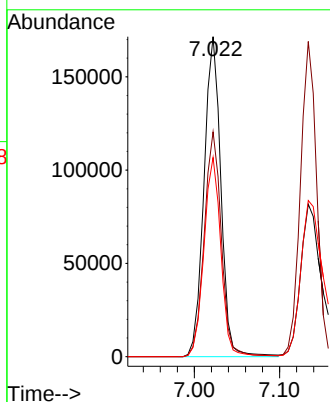
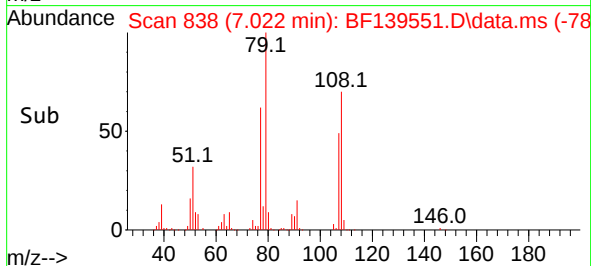
Instrument :
BNA_F
ClientSampleId :
PB163677BSD



Tgt Ion: 79 Resp: 236410
Ion Ratio Lower Upper
79 100
108 70.3 50.4 75.6
77 62.2 51.4 77.2

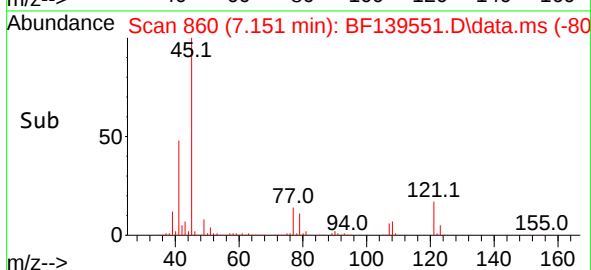
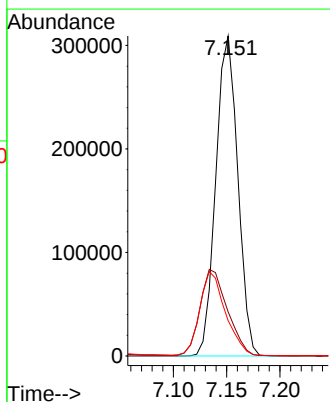
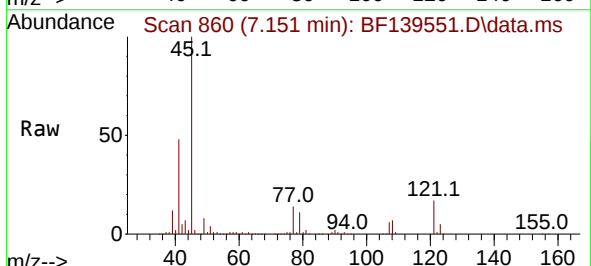
Manual Integrations
APPROVED

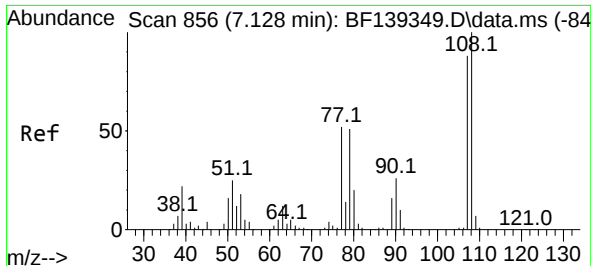
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 63.349 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Tgt Ion: 45 Resp: 442434
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.0
79 11.1 0.0 29.1





#17
2-Methylphenol
Concen: 53.639 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

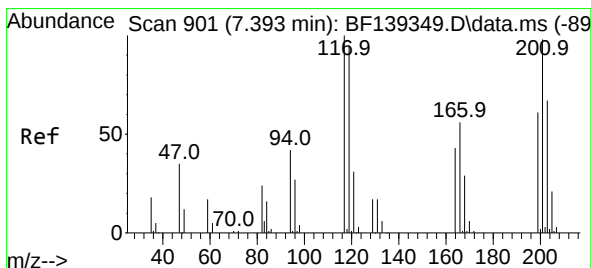
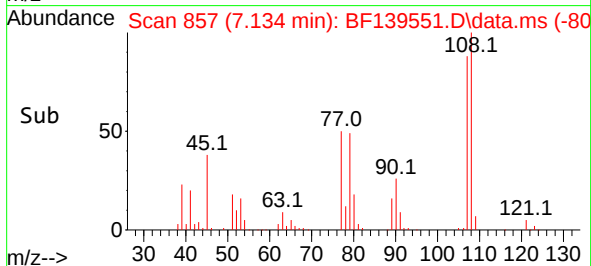
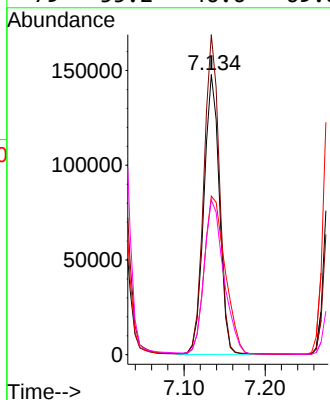
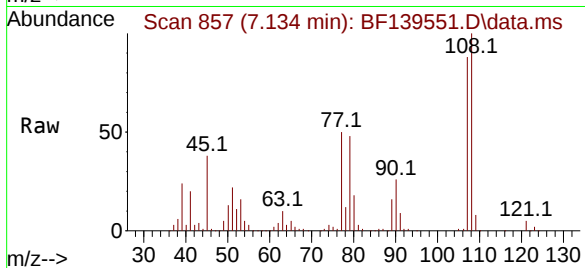
PB163677BSD

Tgt Ion:107 Resp: 195659
Ion Ratio Lower Upper
107 100
108 114.2 90.5 135.7
77 56.6 47.1 70.7
79 55.2 46.6 69.8

Manual Integrations

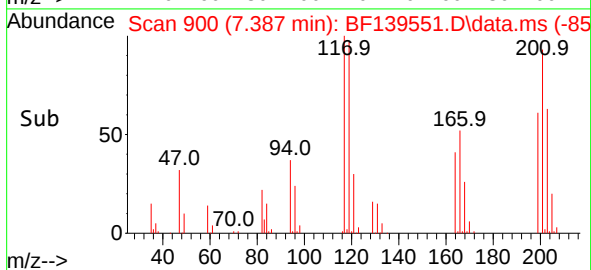
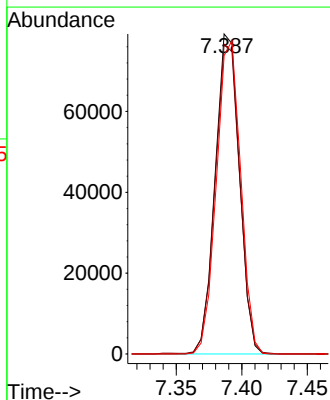
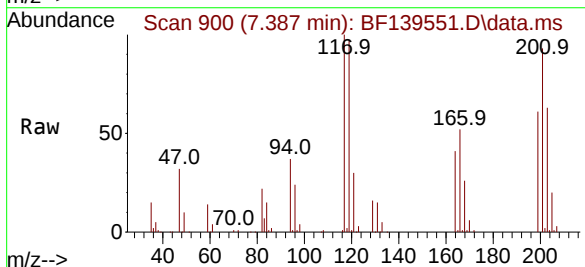
APPROVED

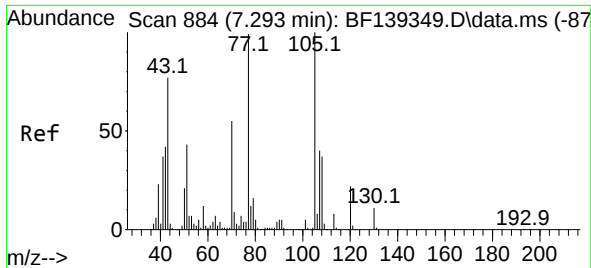
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#18
Hexachloroethane
Concen: 50.644 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Tgt Ion:117 Resp: 101781
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8
201 93.2 78.6 118.0





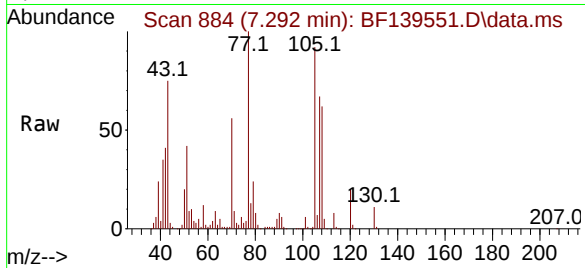
#19
n-Nitroso-di-n-propylamine
Concen: 53.470 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

PB163677BSD



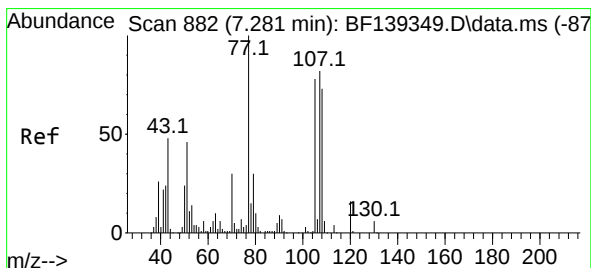
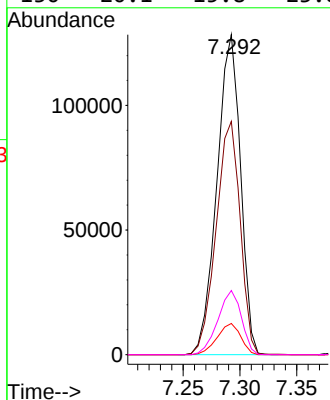
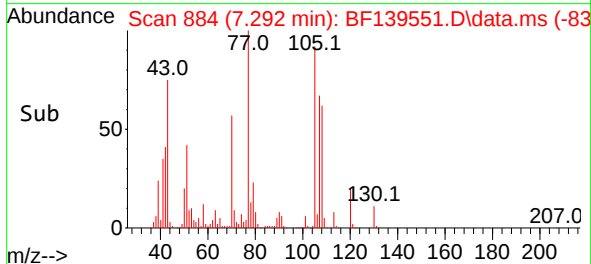
Tgt Ion: 70 Resp: 185490
Ion Ratio Lower Upper
70 100
42 72.9 61.2 91.8
101 9.8 7.5 11.3
130 20.1 15.8 23.8

Manual Integrations

APPROVED

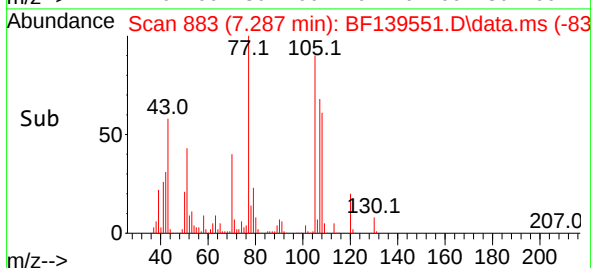
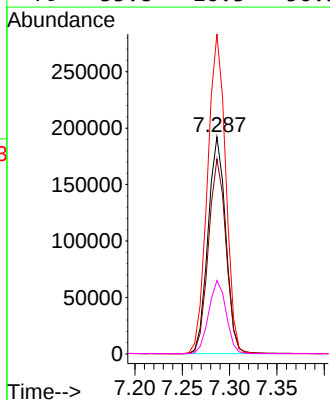
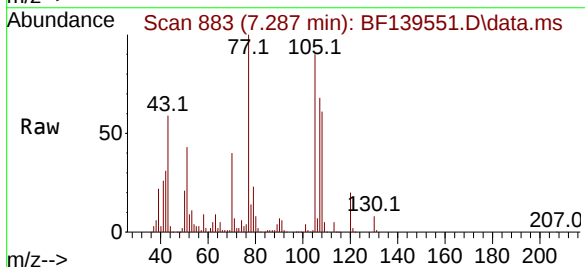
Reviewed By :Yogesh Patel 09/27/2024

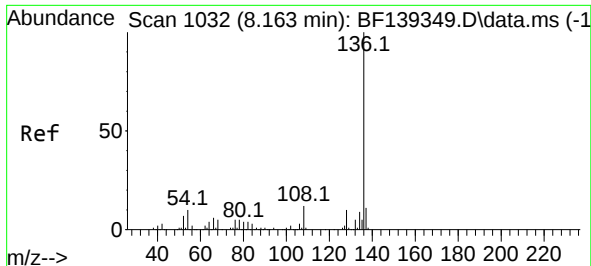
Supervised By :mohammad ahmed 09/28/2024



#20
3+4-Methylphenols
Concen: 50.080 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Tgt Ion:107 Resp: 249229
Ion Ratio Lower Upper
107 100
108 89.9 68.6 108.6
77 147.4 101.6 141.6#
79 33.8 16.3 56.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

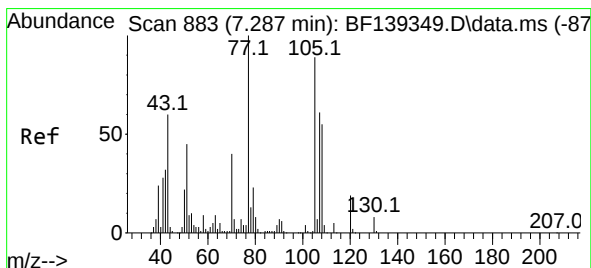
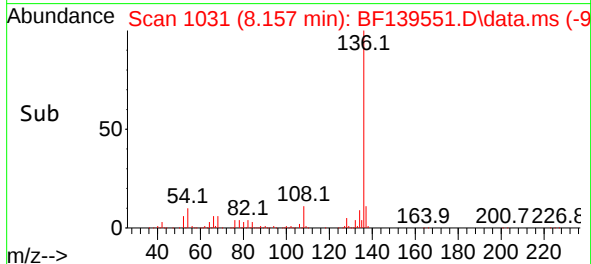
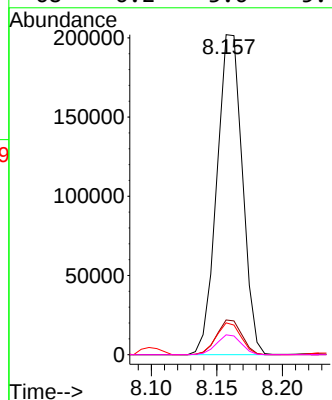
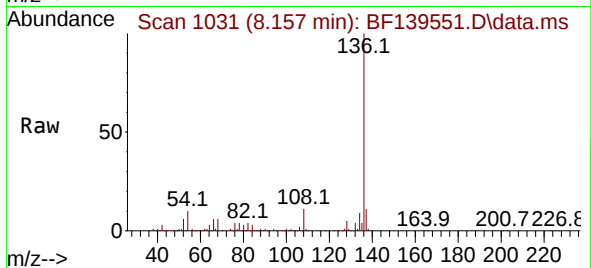
PB163677BSD

Tgt Ion:136 Resp: 27274
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.9 7.8 11.8
68 6.2 3.6 5.4#

Manual Integrations

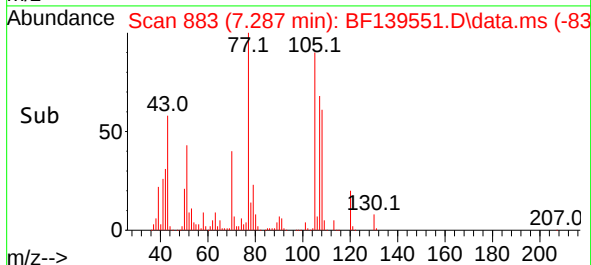
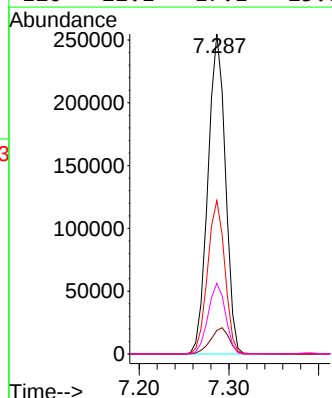
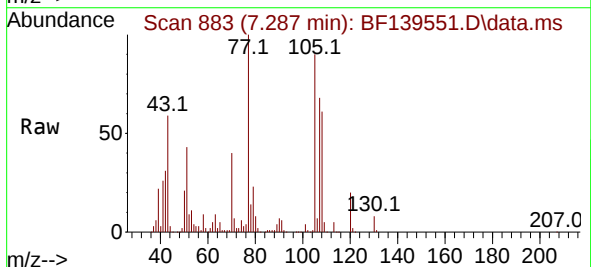
APPROVED

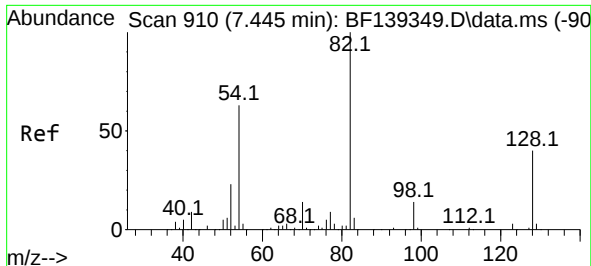
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#22
Acetophenone
Concen: 48.319 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Tgt Ion:105 Resp: 344526
Ion Ratio Lower Upper
105 100
71 7.4 5.9 8.9
51 47.9 40.0 60.0
120 22.1 17.1 25.7





#23

Nitrobenzene-d5

Concen: 94.477 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

PB163677BSD

Tgt Ion: 82 Resp: 548114

Ion Ratio Lower Upper

82 100

128 42.1 31.8 47.6

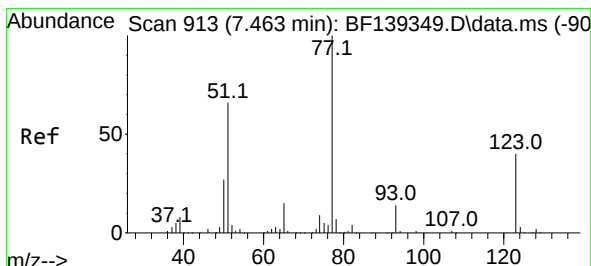
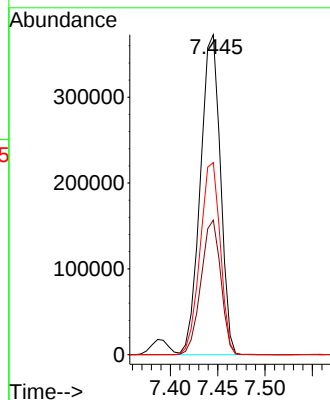
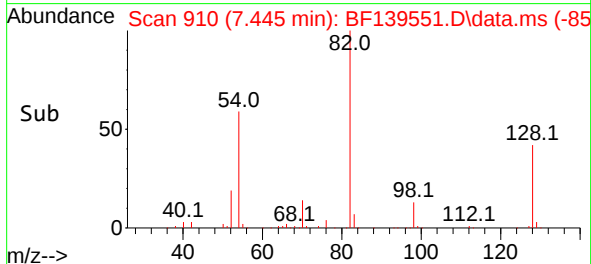
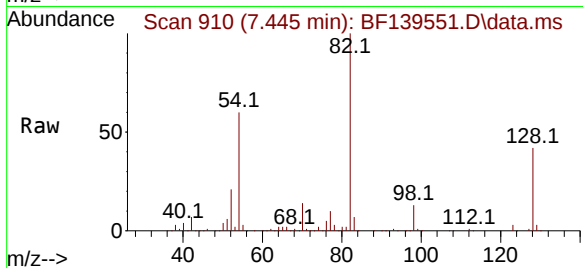
54 60.0 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#24

Nitrobenzene

Concen: 48.288 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

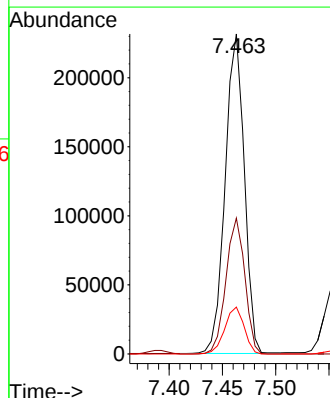
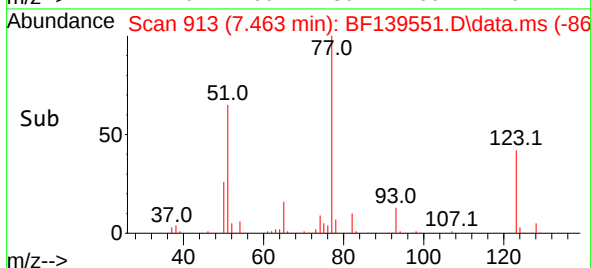
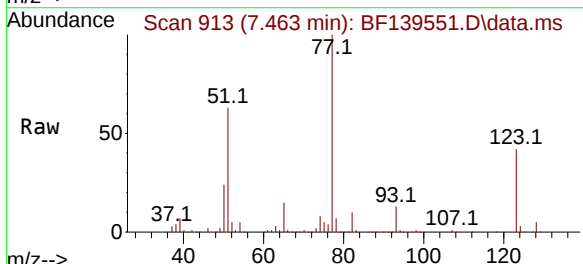
Tgt Ion: 77 Resp: 288330

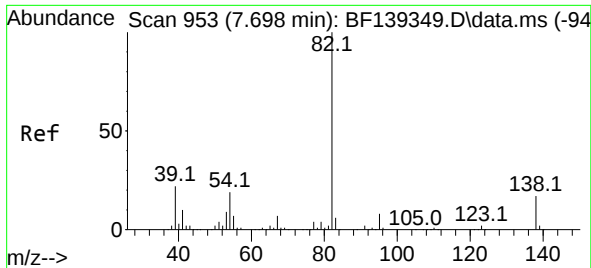
Ion Ratio Lower Upper

77 100

123 42.4 32.2 48.4

65 14.7 12.2 18.4





#25
Isophorone
Concen: 54.245 ng
RT: 7.698 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

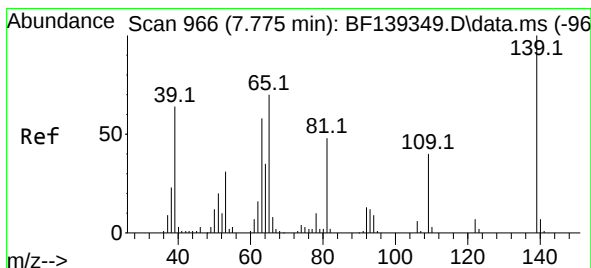
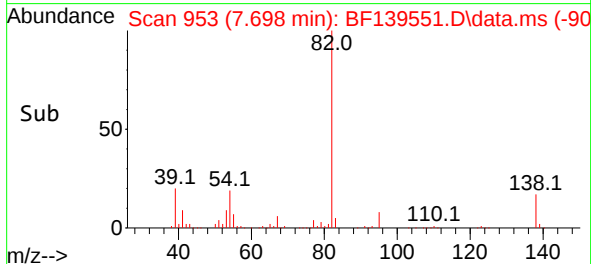
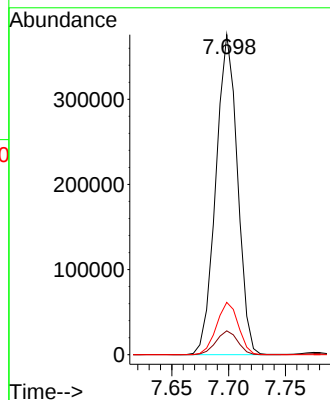
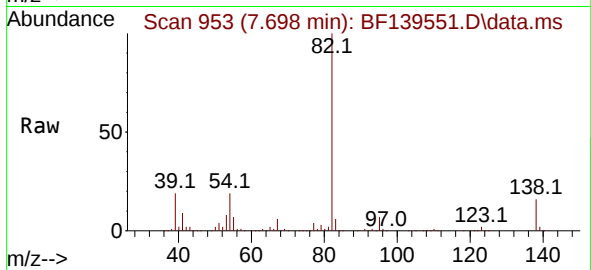
PB163677BSD

Tgt Ion: 82 Resp: 497710
Ion Ratio Lower Upper
82 100
95 7.5 6.7 10.1
138 16.4 13.3 19.9

Manual Integrations

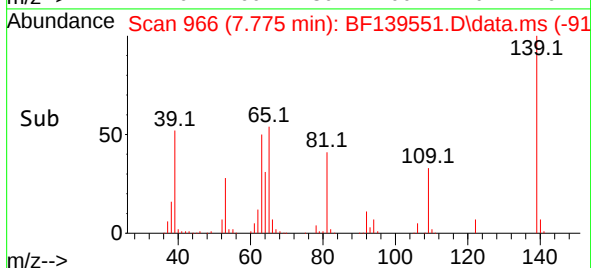
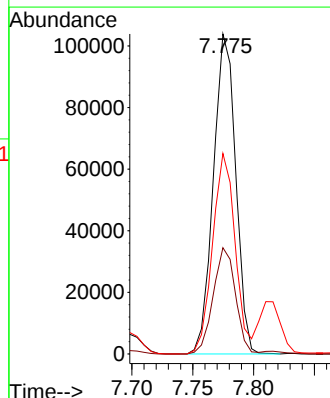
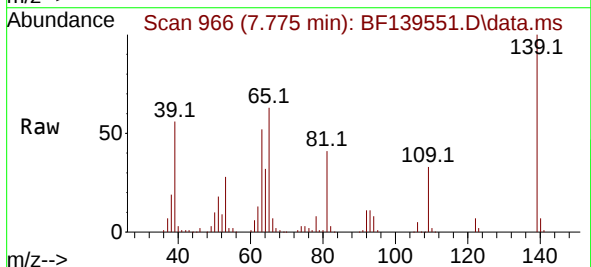
APPROVED

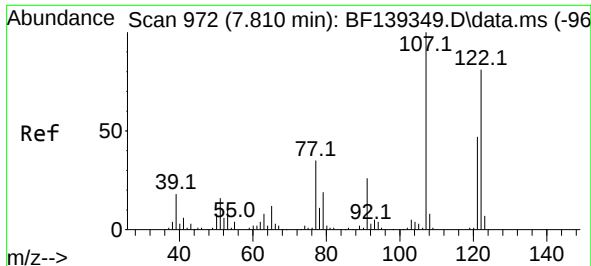
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#26
2-Nitrophenol
Concen: 56.990 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Tgt Ion:139 Resp: 132576
Ion Ratio Lower Upper
139 100
109 33.2 32.2 48.2
65 62.6 55.8 83.8





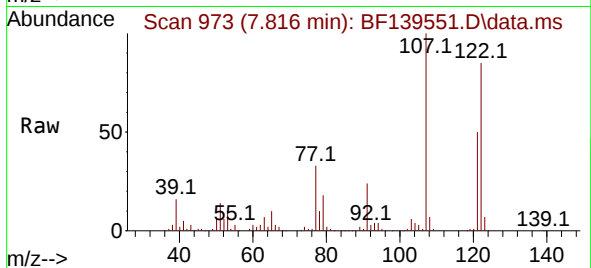
#27
2,4-Dimethylphenol
Concen: 64.376 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

PB163677BSD



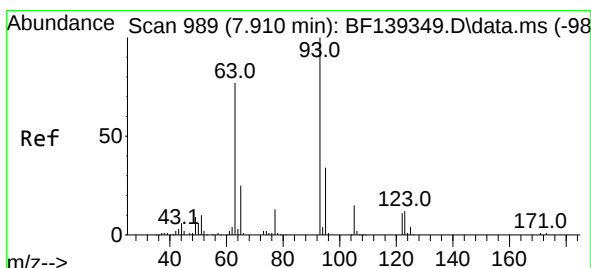
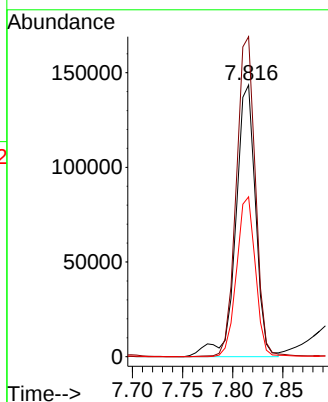
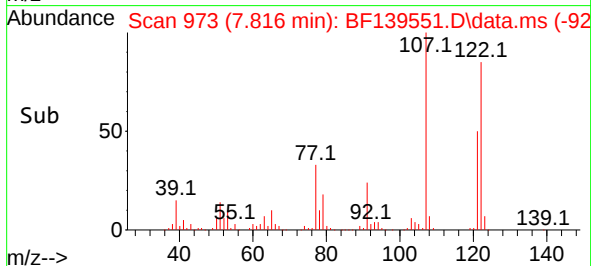
Tgt Ion:122 Resp: 19754
Ion Ratio Lower Upper
122 100
107 117.8 99.1 148.7
121 58.8 46.6 70.0

Manual Integrations

APPROVED

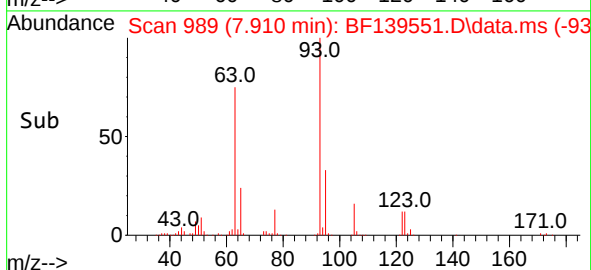
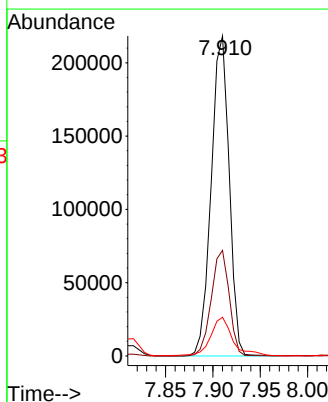
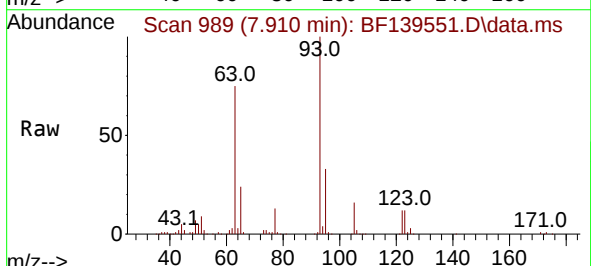
Reviewed By :Yogesh Patel 09/27/2024

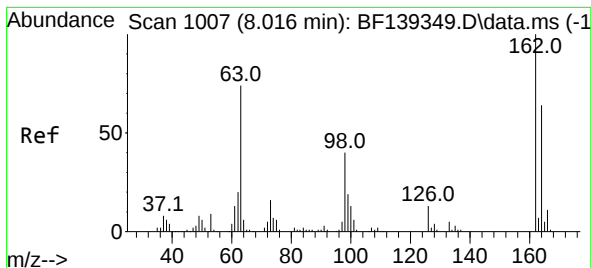
Supervised By :mohammad ahmed 09/28/2024



#28
bis(2-Chloroethoxy)methane
Concen: 54.967 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Tgt Ion: 93 Resp: 287436
Ion Ratio Lower Upper
93 100
95 33.0 26.9 40.3
123 12.1 10.0 15.0





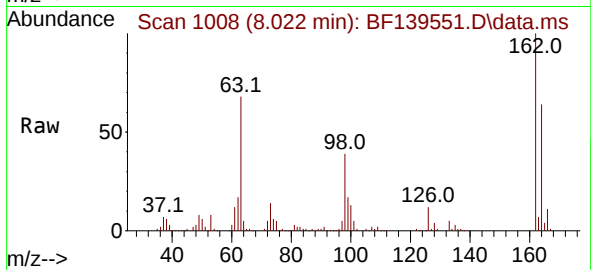
#29
2,4-Dichlorophenol
Concen: 51.873 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

PB163677BSD



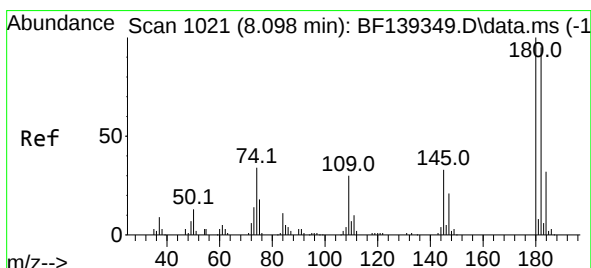
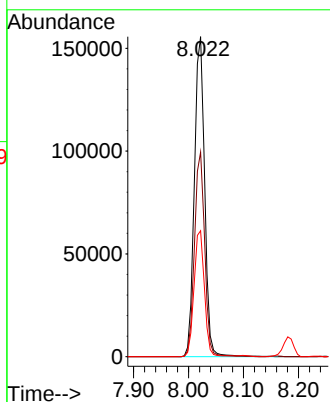
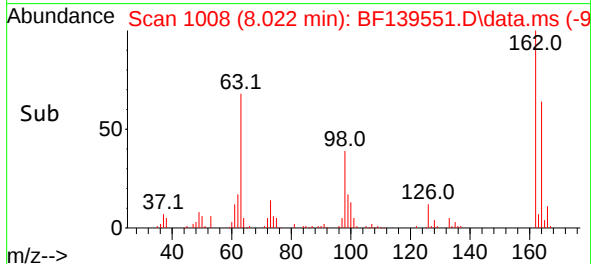
Tgt Ion:162 Resp: 202214
Ion Ratio Lower Upper
162 100
164 64.0 43.6 83.6
98 39.3 19.7 59.7

Manual Integrations

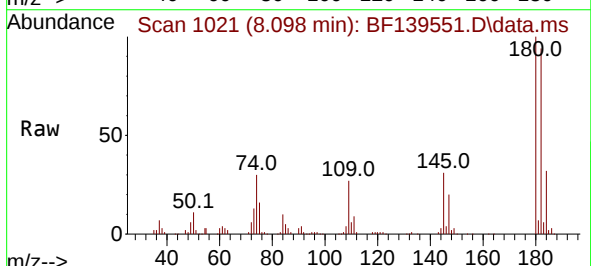
APPROVED

Reviewed By :Yogesh Patel 09/27/2024

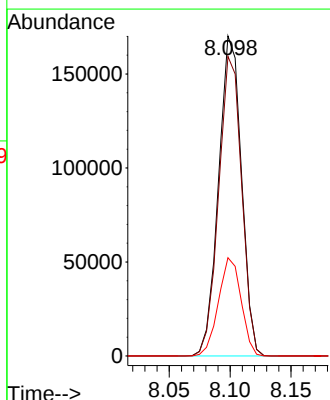
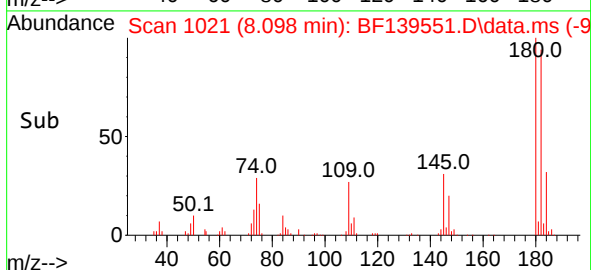
Supervised By :mohammad ahmed 09/28/2024



#30
1,2,4-Trichlorobenzene
Concen: 48.980 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56



Tgt Ion:180 Resp: 222475
Ion Ratio Lower Upper
180 100
182 93.6 75.7 113.5
145 30.7 26.5 39.7





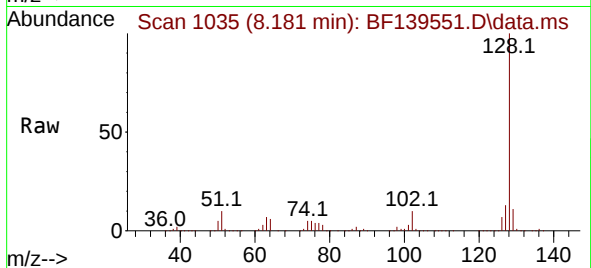
#31
Naphthalene
Concen: 51.846 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

PB163677BSD

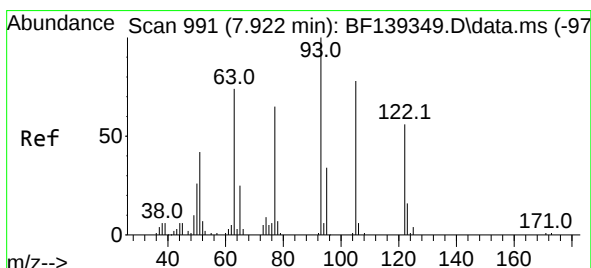
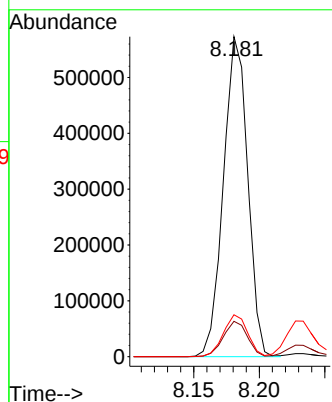
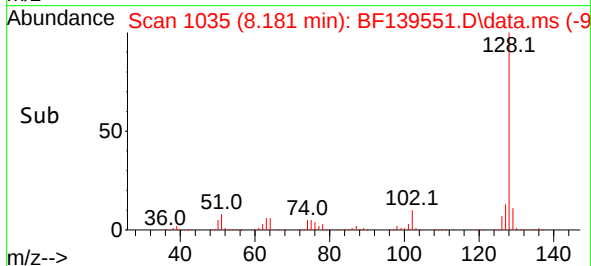


Tgt Ion:128 Resp: 738223
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.1 10.6 16.0

Manual Integrations

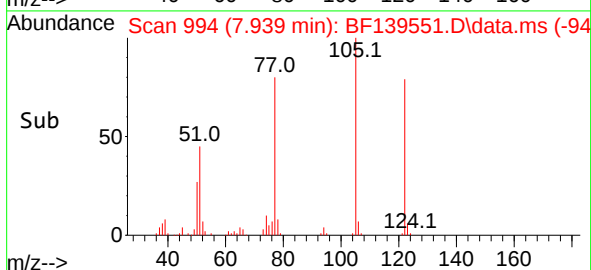
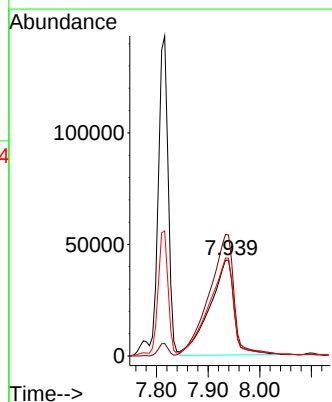
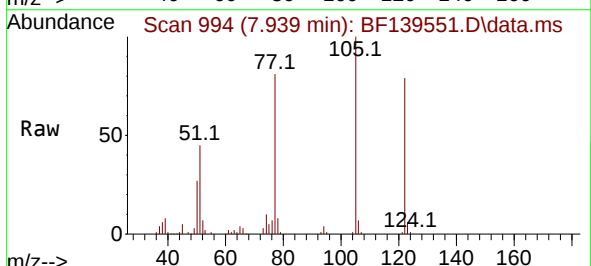
APPROVED

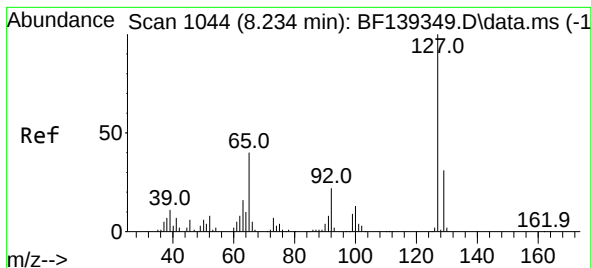
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#32
Benzoic acid
Concen: 48.589 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Tgt Ion:122 Resp: 139531
Ion Ratio Lower Upper
122 100
105 126.3 117.1 157.1
77 102.2 95.4 135.4





#33
4-Chloroaniline
Concen: 25.585 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

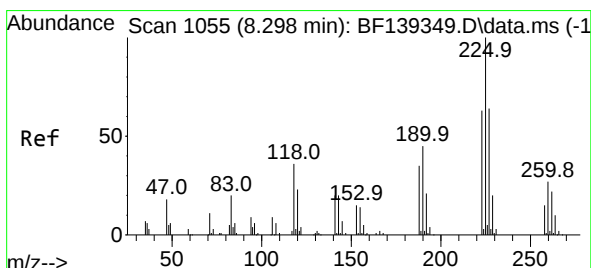
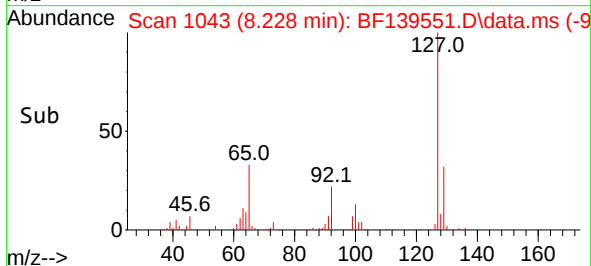
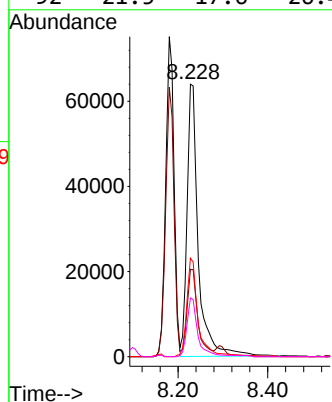
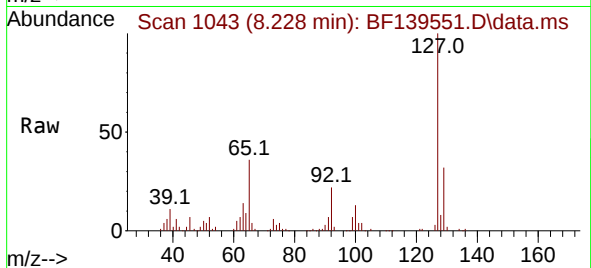
PB163677BSD

Tgt Ion:127 Resp: 11144
Ion Ratio Lower Upper
127 100
129 32.1 25.5 38.3
65 36.2 31.5 47.3
92 21.5 17.6 26.4

Manual Integrations

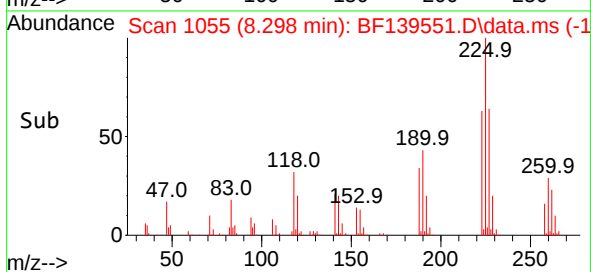
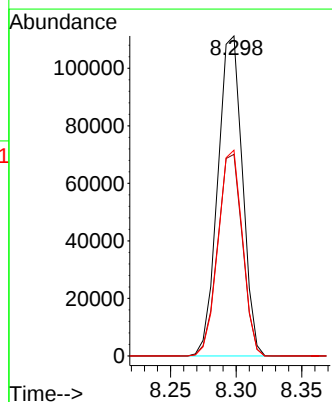
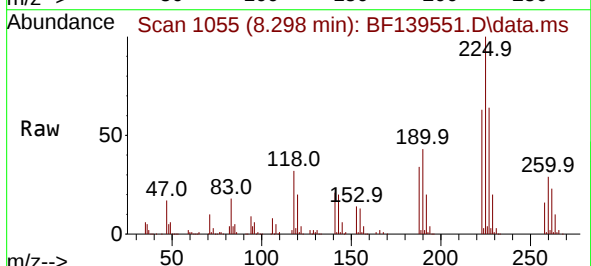
APPROVED

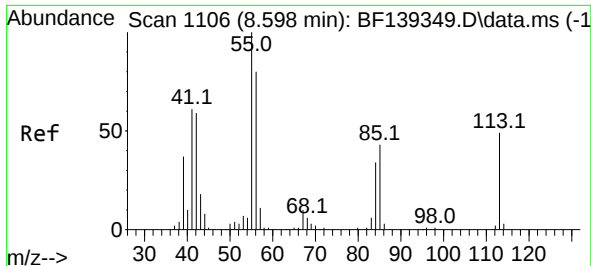
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#34
Hexachlorobutadiene
Concen: 47.029 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Tgt Ion:225 Resp: 145127
Ion Ratio Lower Upper
225 100
223 63.0 50.1 75.1
227 64.3 51.0 76.6





#35
Caprolactam
Concen: 54.944 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

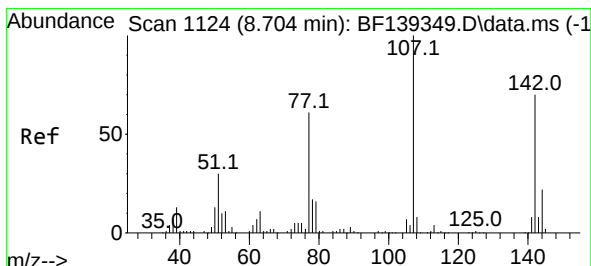
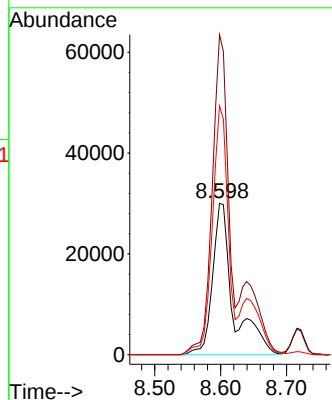
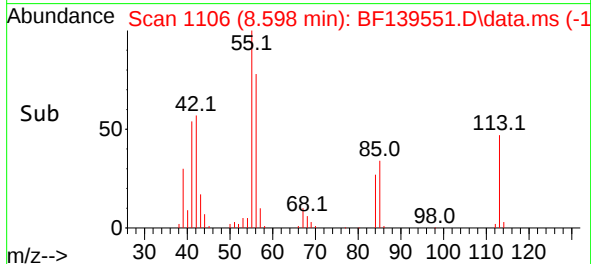
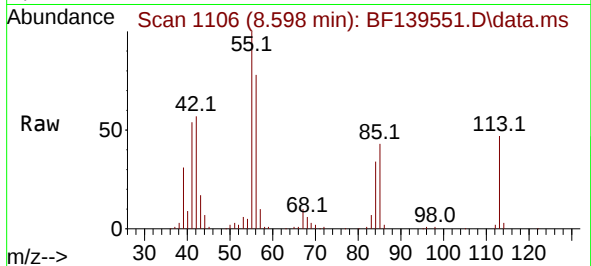
ClientSampleId :

PB163677BSD

Tgt Ion:113 Resp: 6588
Ion Ratio Lower Upper
113 100
55 211.4 186.1 226.1
56 164.4 144.9 184.9

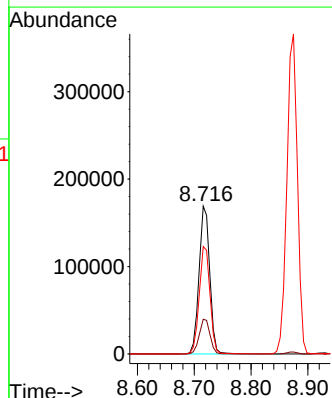
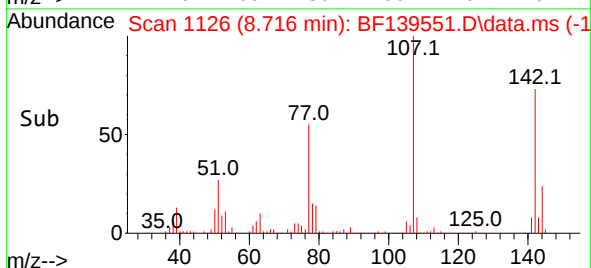
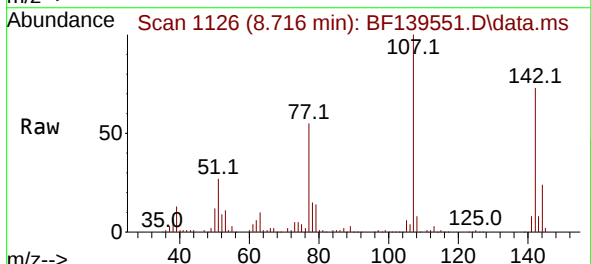
Manual Integrations
APPROVED

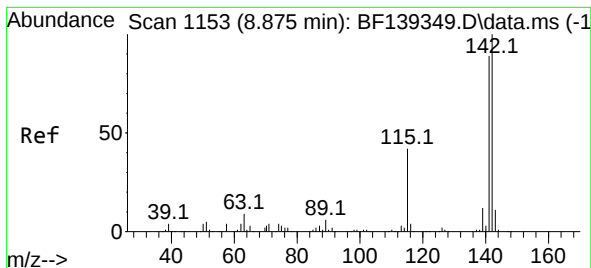
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#36
4-Chloro-3-methylphenol
Concen: 49.974 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Tgt Ion:107 Resp: 222646
Ion Ratio Lower Upper
107 100
144 23.5 17.5 26.3
142 72.7 55.8 83.8





#37

2-Methylnaphthalene

Concen: 52.354 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

PB163677BSD

Tgt Ion:142 Resp: 47316

Ion Ratio Lower Upper

142 100

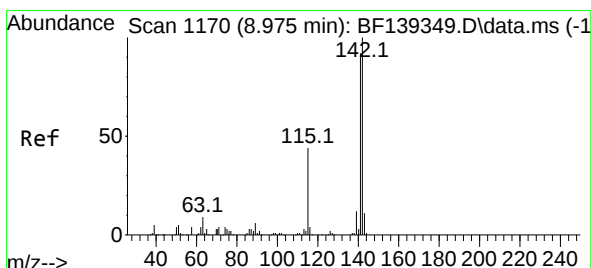
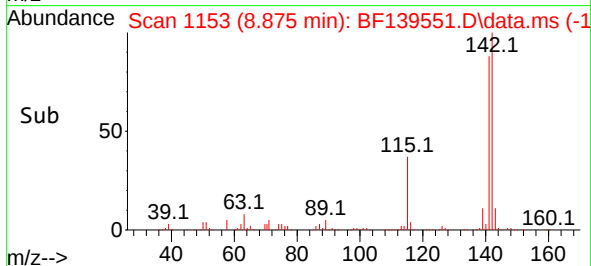
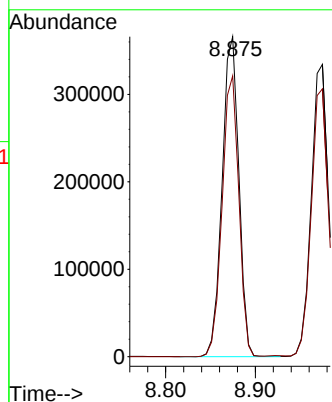
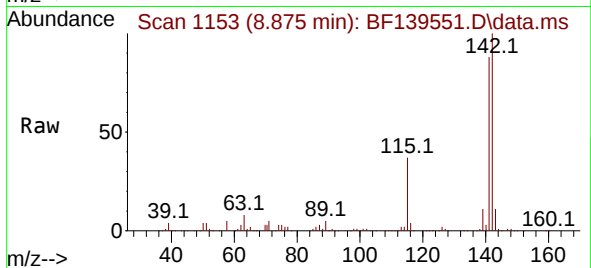
141 87.8 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#38

1-Methylnaphthalene

Concen: 49.249 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF139551.D

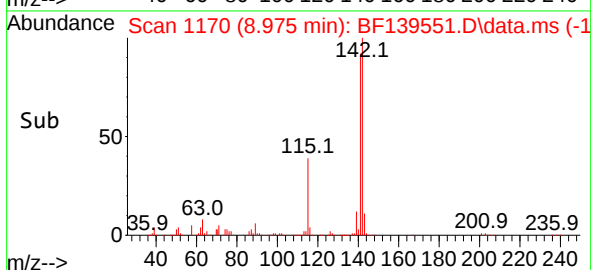
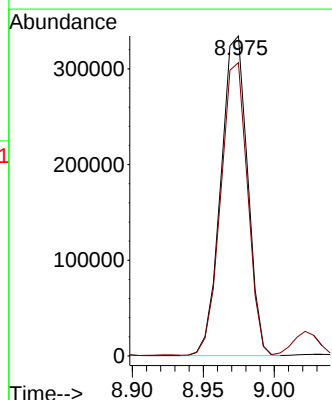
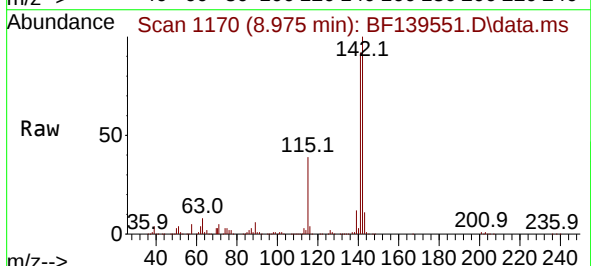
Acq: 26 Sep 2024 16:56

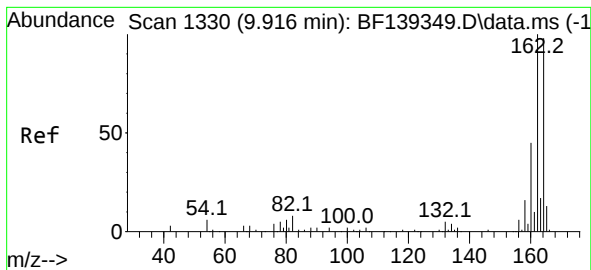
Tgt Ion:142 Resp: 436985

Ion Ratio Lower Upper

142 100

141 91.6 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: BF139551.D

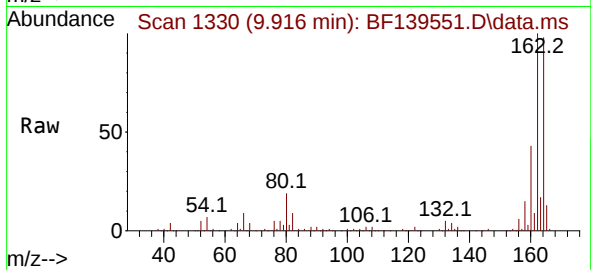
Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

PB163677BSD



Tgt Ion:164 Resp: 14523

Ion Ratio Lower Upper

164 100

162 102.3 81.3 121.9

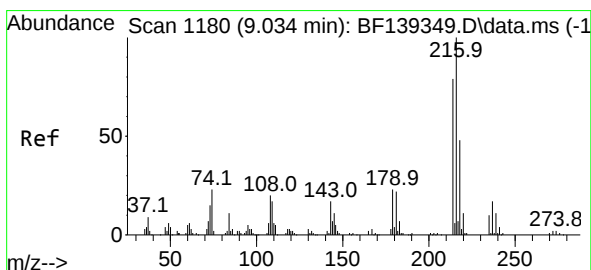
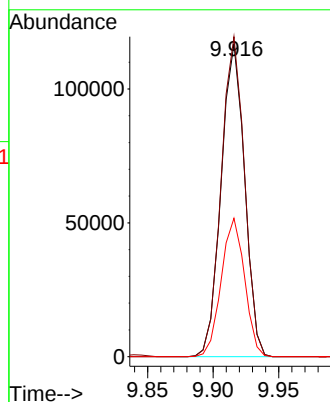
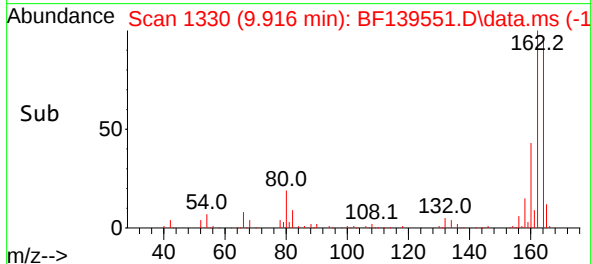
160 44.2 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.627 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

Tgt Ion:216 Resp: 222215

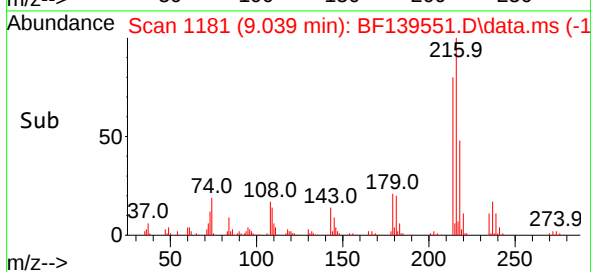
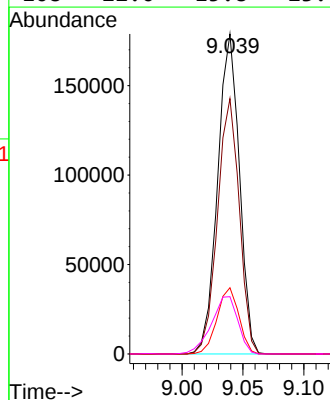
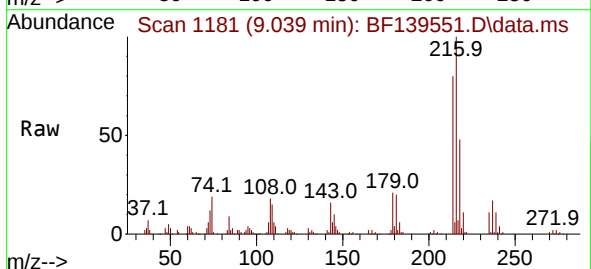
Ion Ratio Lower Upper

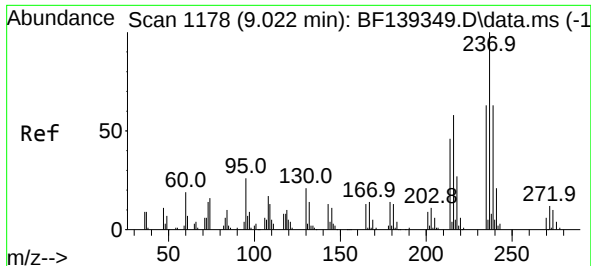
216 100

214 79.9 63.4 95.0

179 20.8 18.2 27.2

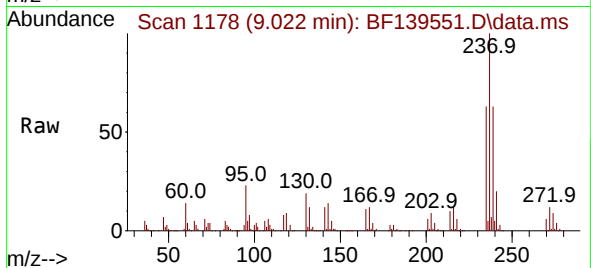
108 22.0 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 180.502 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

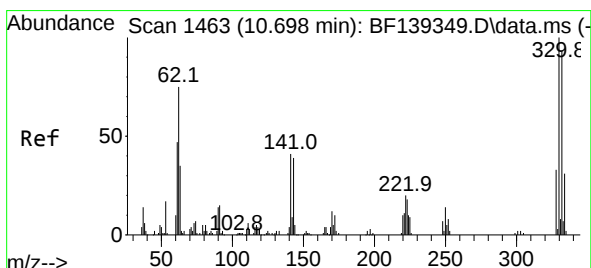
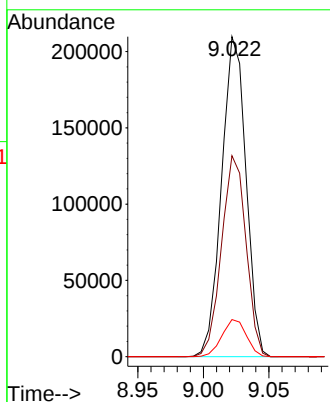
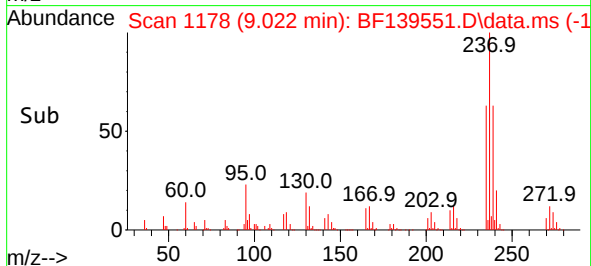
Instrument :
BNA_F
ClientSampleId :
PB163677BSD



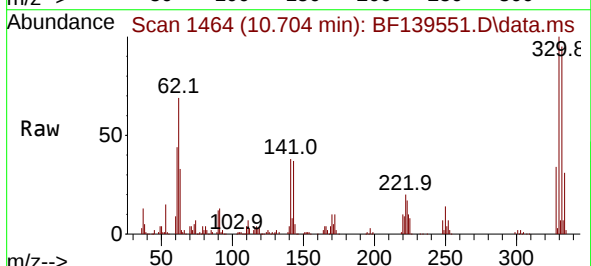
Tgt Ion: 237 Resp: 271270
Ion Ratio Lower Upper
237 100
235 62.8 42.7 82.7
272 11.6 0.0 32.5

Manual Integrations
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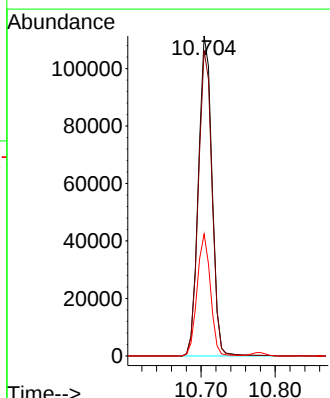
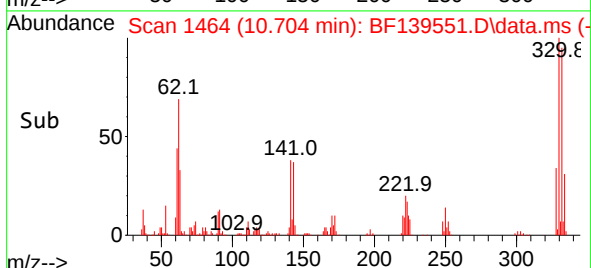
Reviewed By : Yogesh Patel 09/27/2024
Supervised By : mohammad ahmed 09/28/2024

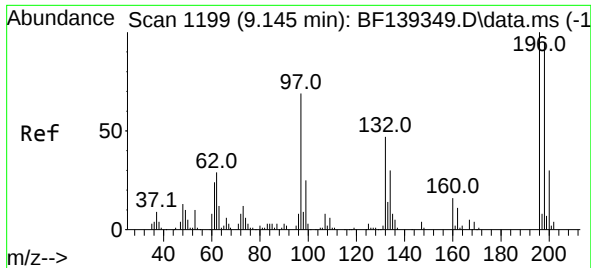


#42
2,4,6-Tribromophenol
Concen: 91.674 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56



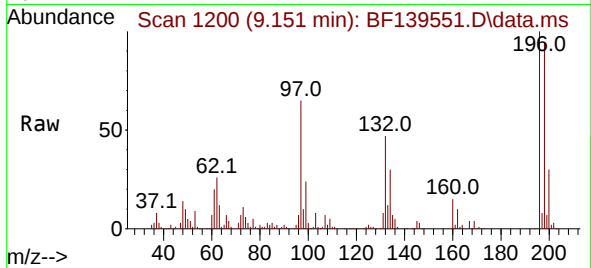
Tgt Ion: 330 Resp: 141745
Ion Ratio Lower Upper
330 100
332 95.4 75.2 112.8
141 37.3 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 53.427 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

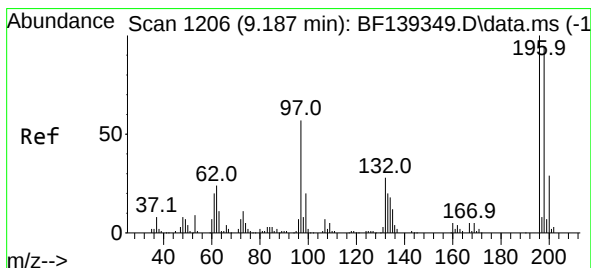
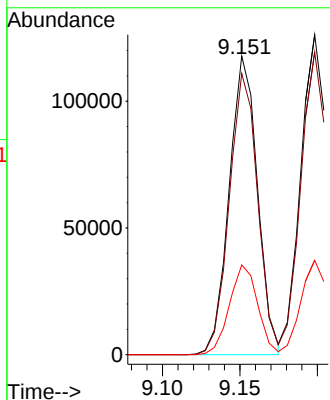
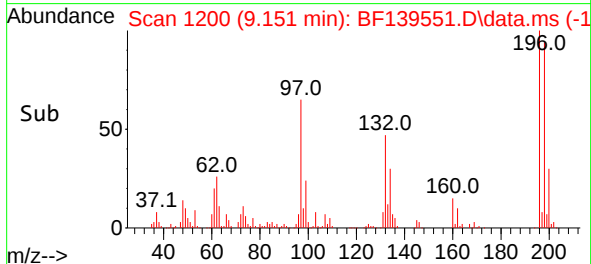
Instrument :
BNA_F
ClientSampleId :
PB163677BSD



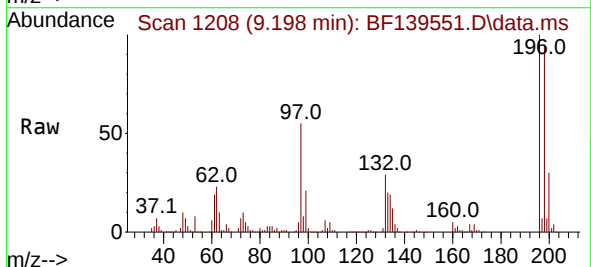
Tgt Ion:196 Resp: 149612
Ion Ratio Lower Upper
196 100
198 94.1 75.8 113.6
200 30.1 24.1 36.1

Manual Integrations
APPROVED

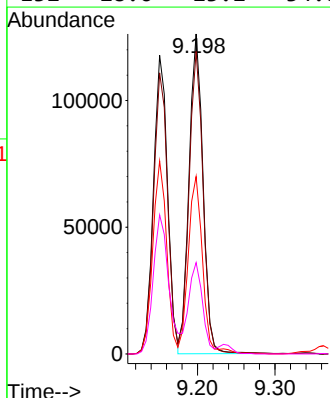
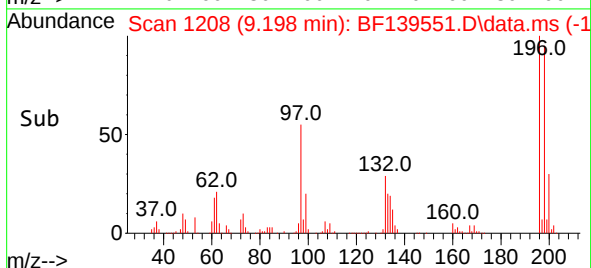
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024

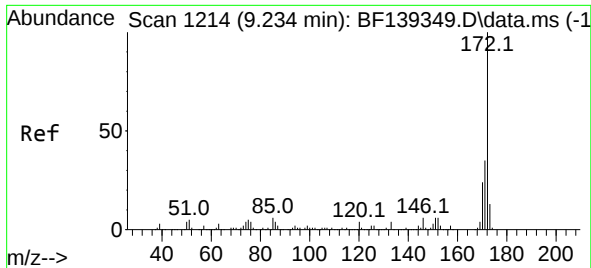


#44
2,4,5-Trichlorophenol
Concen: 53.396 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56



Tgt Ion:196 Resp: 157725
Ion Ratio Lower Upper
196 100
198 94.6 74.8 112.2
97 55.4 47.3 70.9
132 28.6 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 93.875 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

PB163677BSD

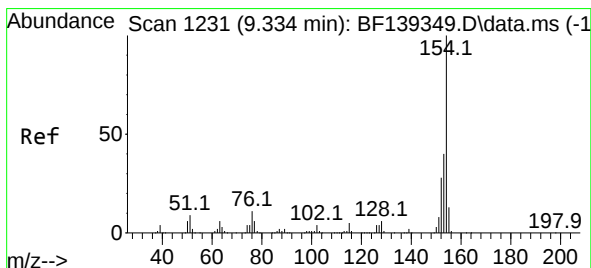
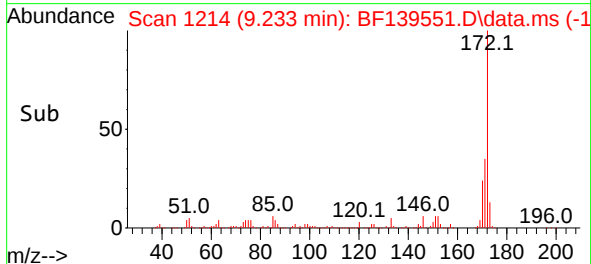
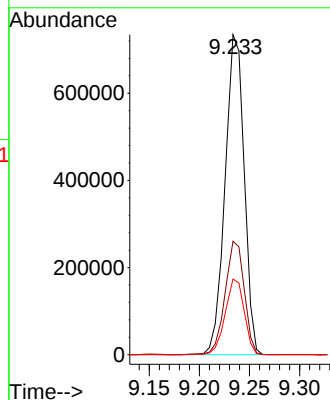
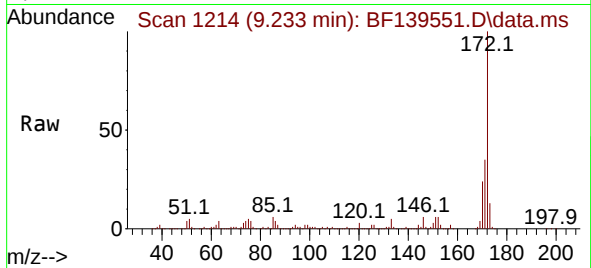
Tgt Ion:172 Resp: 972090
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 23.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#46

1,1'-Biphenyl

Concen: 51.791 ng

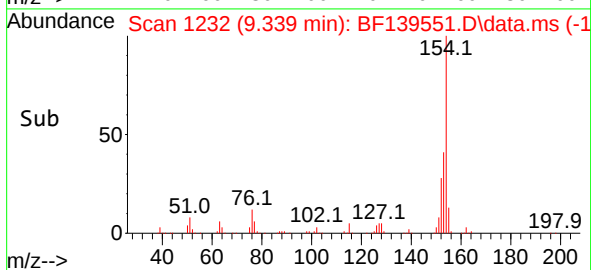
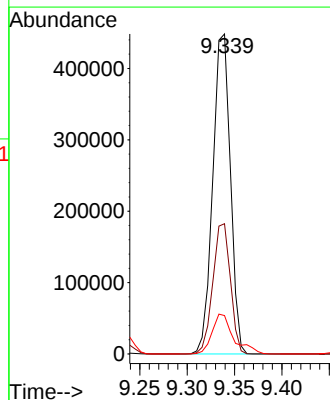
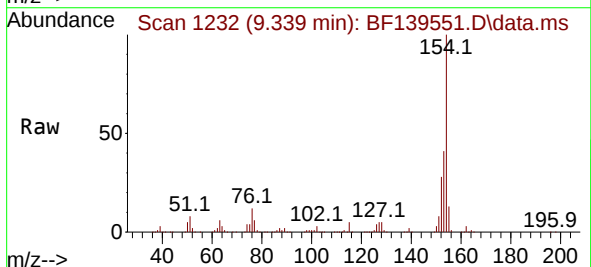
RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

Tgt Ion:154 Resp: 578675
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.1 60.1
 76 12.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 52.109 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139551.D

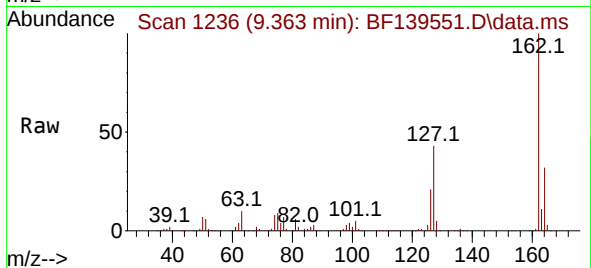
Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

PB163677BSD



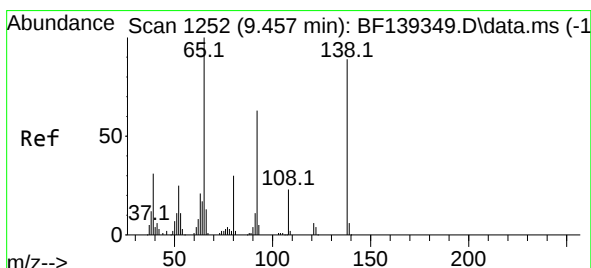
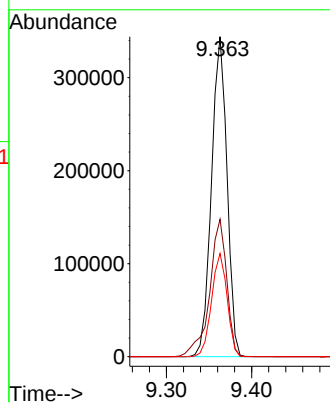
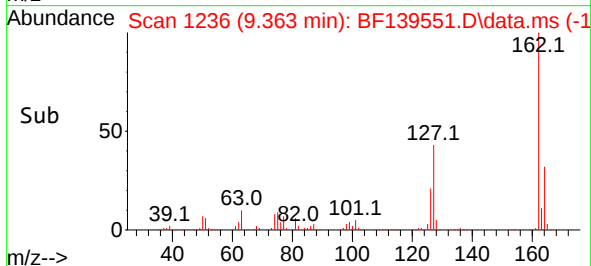
Tgt Ion:	162	Resp:	435329
Ion Ratio	Lower	Upper	
162	100		
127	42.9	35.0	52.4
164	32.2	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#48

2-Nitroaniline

Concen: 51.809 ng

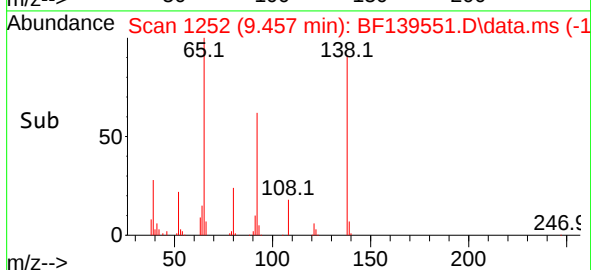
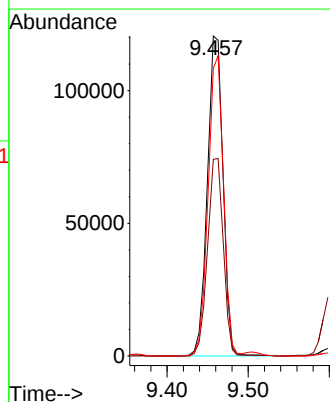
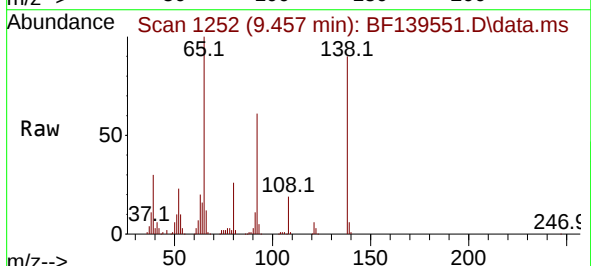
RT: 9.457 min Scan# 1252

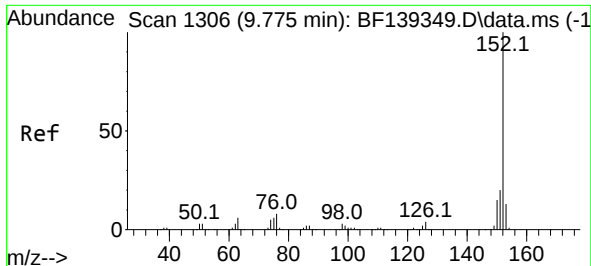
Delta R.T. -0.000 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

Tgt Ion:	65	Resp:	160986
Ion Ratio	Lower	Upper	
65	100		
92	61.5	50.3	75.5
138	89.9	71.3	106.9





#49
Acenaphthylene
Concen: 56.584 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

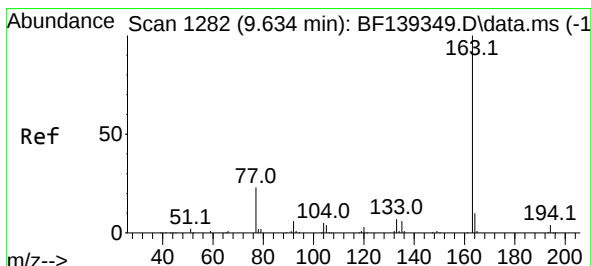
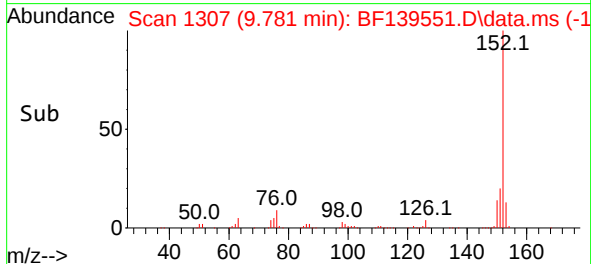
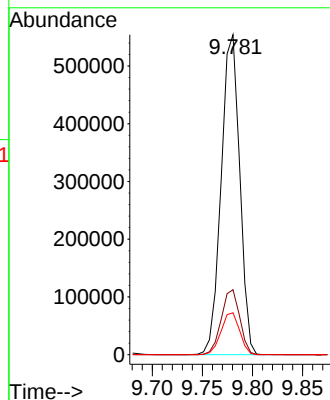
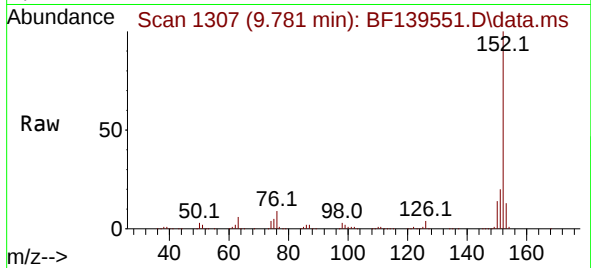
PB163677BSD

Tgt Ion:152 Resp: 711570
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.1 10.3 15.5

Manual Integrations

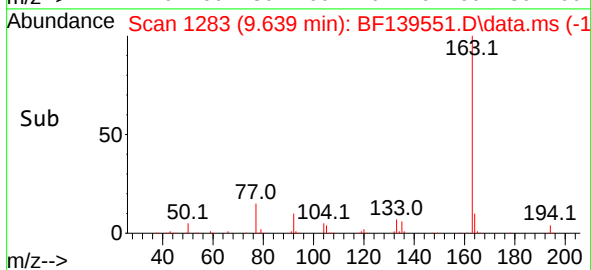
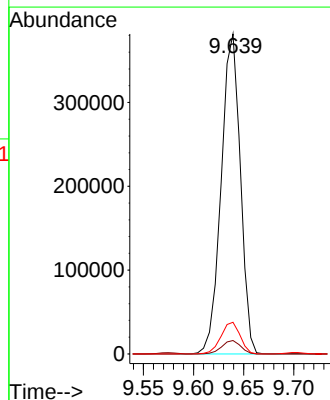
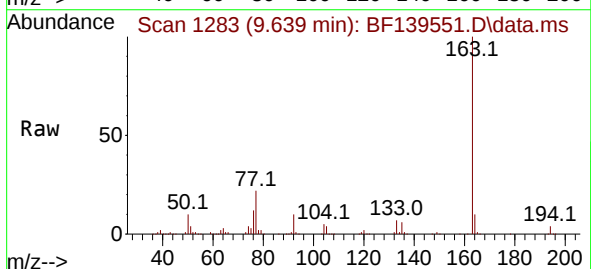
APPROVED

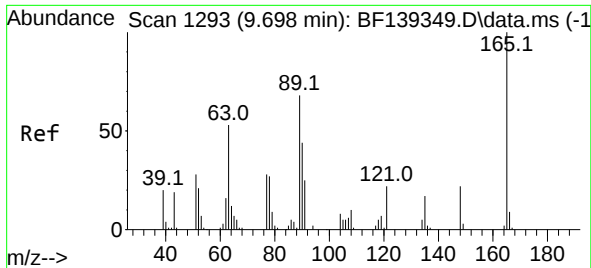
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#50
Dimethylphthalate
Concen: 53.154 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Tgt Ion:163 Resp: 506674
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.654 ng
RT: 9.704 min Scan# 111190
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

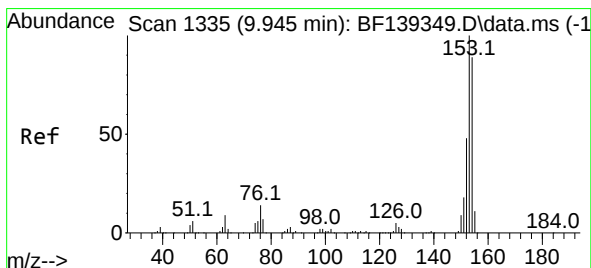
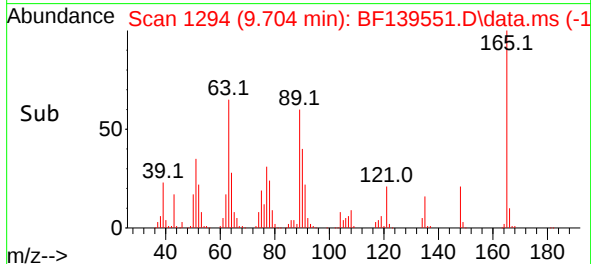
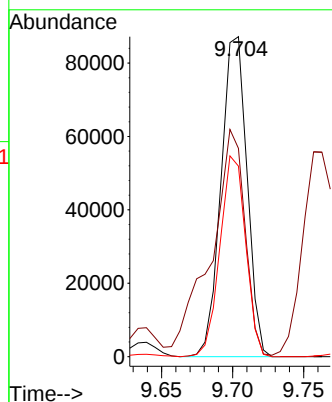
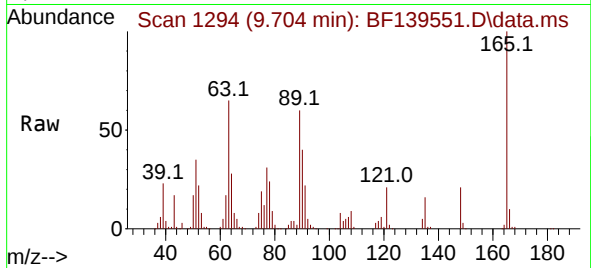
PB163677BSD

Tgt Ion:165 Resp: 111190
Ion Ratio Lower Upper
165 100
63 65.1 60.9 91.3
89 59.6 54.7 82.1

Manual Integrations

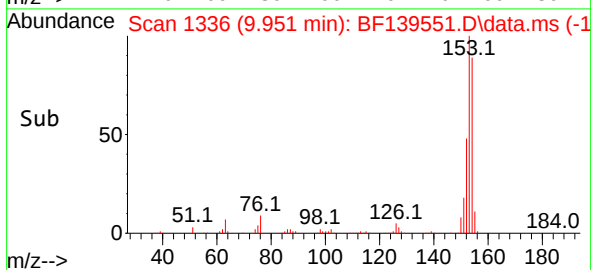
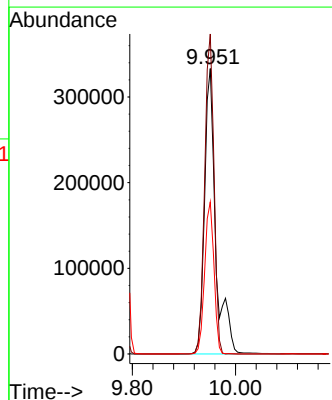
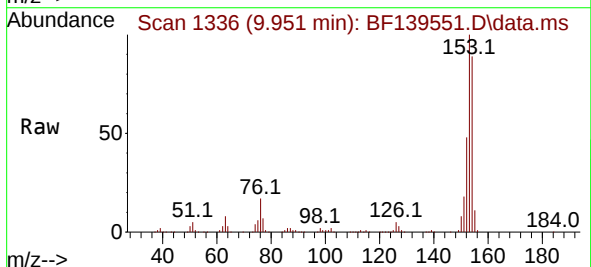
APPROVED

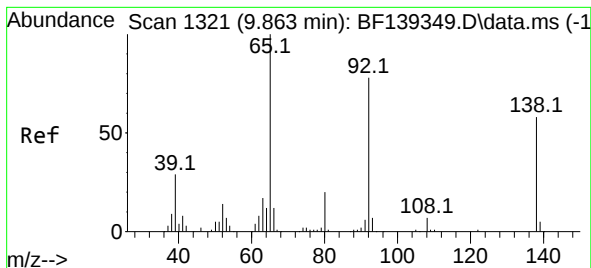
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#52
Acenaphthene
Concen: 57.404 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Tgt Ion:154 Resp: 503826
Ion Ratio Lower Upper
154 100
153 112.1 89.5 134.3
152 53.3 42.6 64.0





#53
3-Nitroaniline
Concen: 36.213 ng
RT: 9.869 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

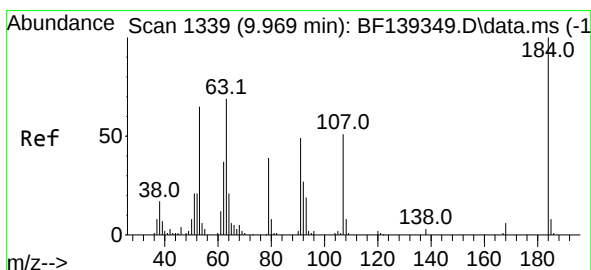
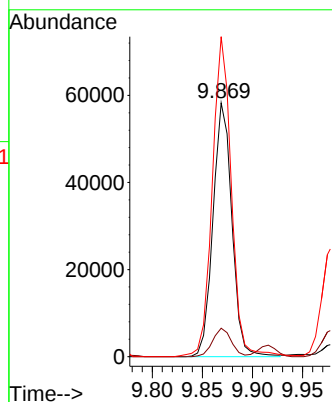
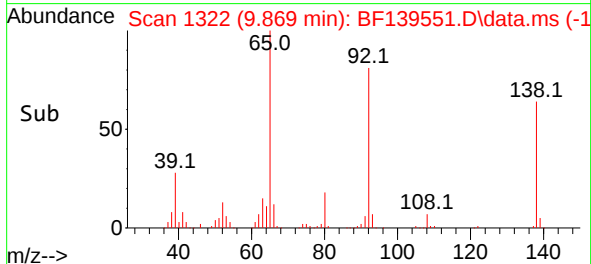
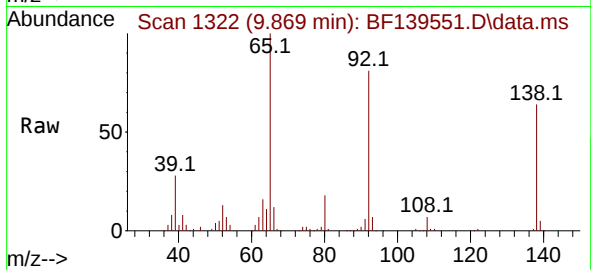
PB163677BSD

Tgt Ion:138 Resp: 7642
Ion Ratio Lower Upper
138 100
108 11.2 9.8 14.8
92 126.1 107.4 161.2

Manual Integrations

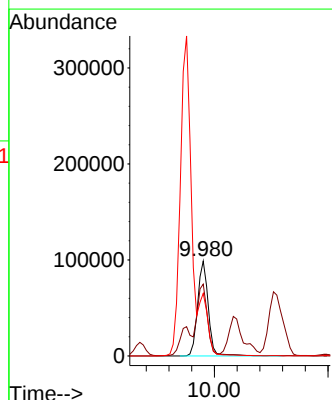
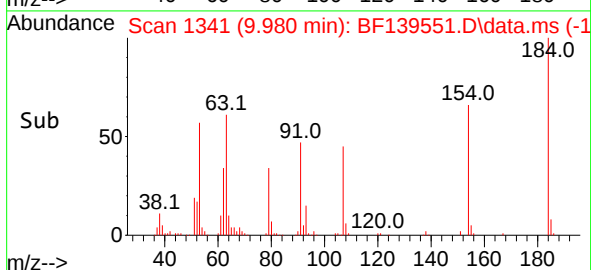
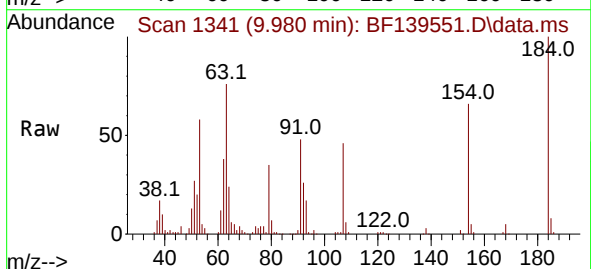
APPROVED

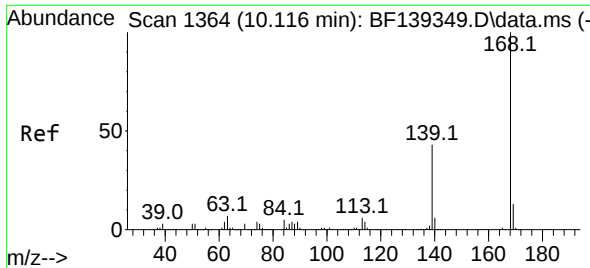
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#54
2,4-Dinitrophenol
Concen: 110.721 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Tgt Ion:184 Resp: 130283
Ion Ratio Lower Upper
184 100
63 75.8 69.3 103.9
154 65.9 67.5 101.3#





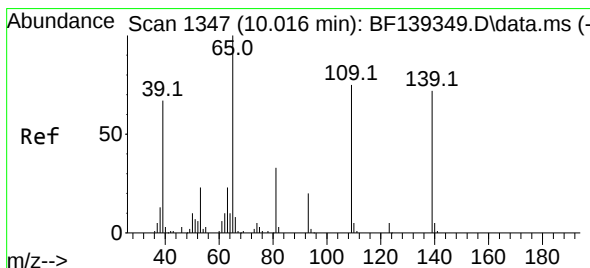
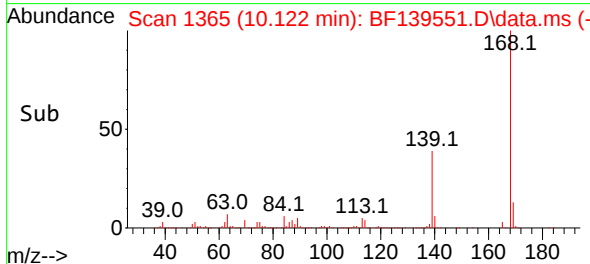
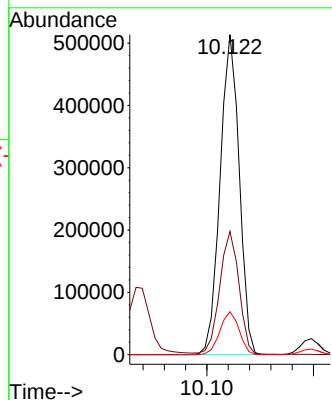
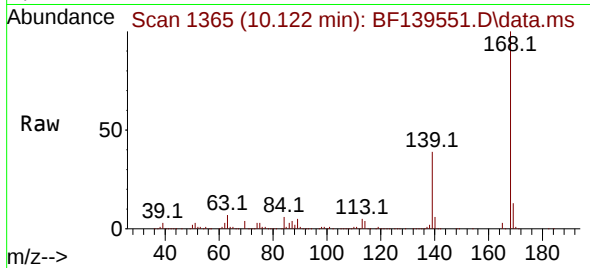
#55
Dibenzofuran
Concen: 52.290 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :
BNA_F
ClientSampleId :
PB163677BSD

Tgt Ion:168 Resp: 63967
Ion Ratio Lower Upper
168 100
139 38.5 34.1 51.1
169 13.4 10.5 15.7

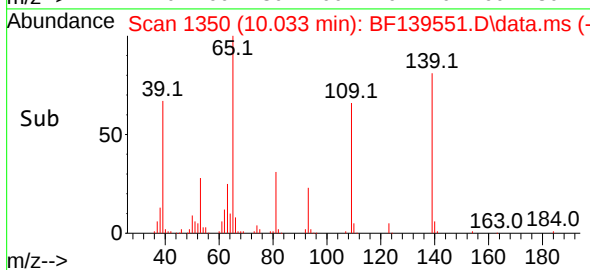
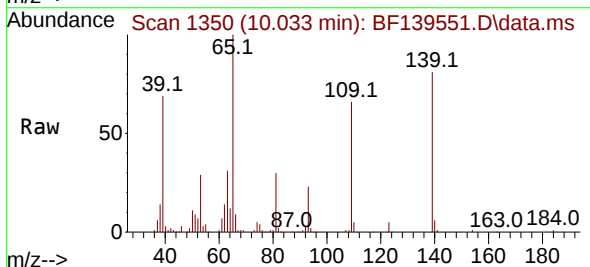
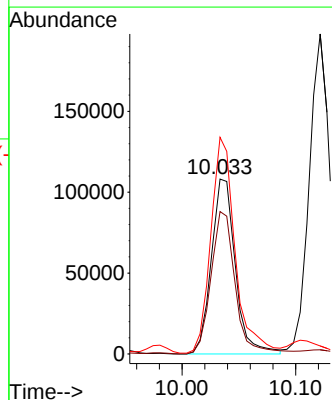
Manual Integrations
APPROVED

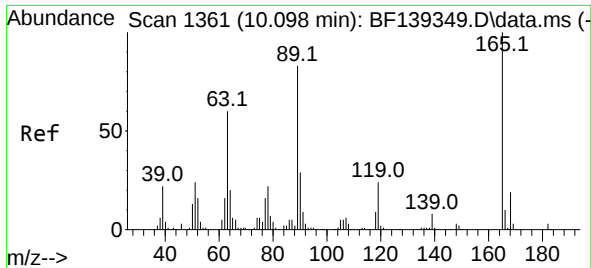
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#56
4-Nitrophenol
Concen: 91.103 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.018 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Tgt Ion:139 Resp: 159088
Ion Ratio Lower Upper
139 100
109 81.5 84.1 124.1#
65 123.9 120.0 160.0





#57
2,4-Dinitrotoluene
Concen: 52.534 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

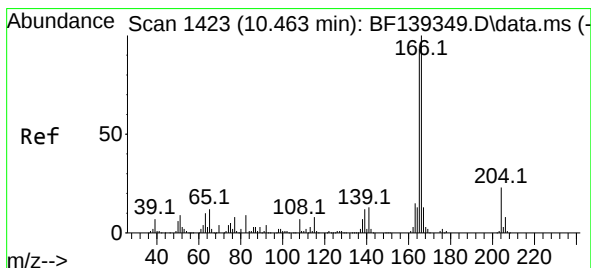
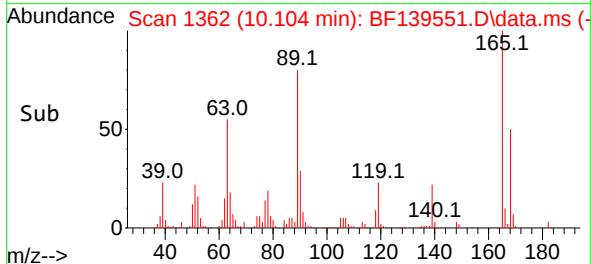
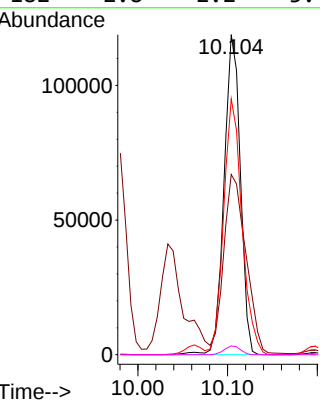
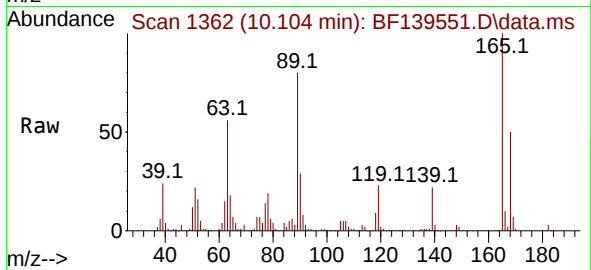
PB163677BSD

Tgt Ion:165 Resp: 149772
Ion Ratio Lower Upper
165 100
63 56.3 47.8 71.6
89 80.0 66.7 100.1
182 2.8 2.2 3.4

Manual Integrations

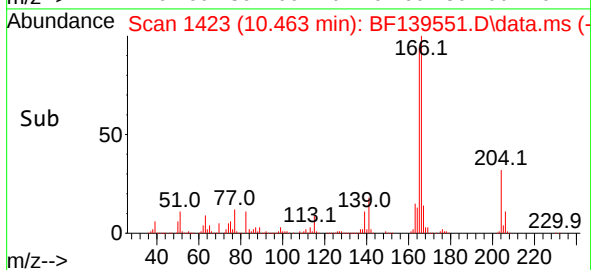
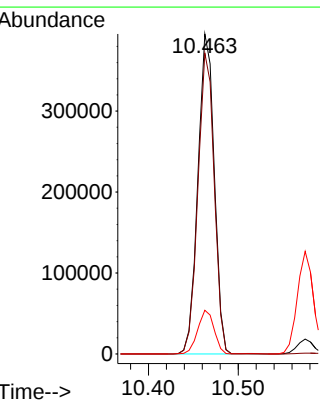
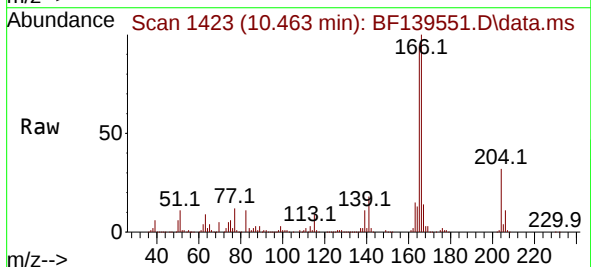
APPROVED

Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#58
Fluorene
Concen: 50.182 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

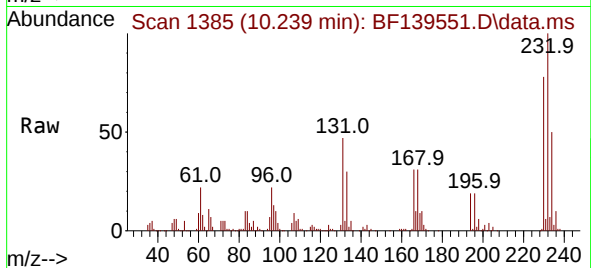
Tgt Ion:166 Resp: 500872
Ion Ratio Lower Upper
166 100
165 94.0 74.5 111.7
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.985 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

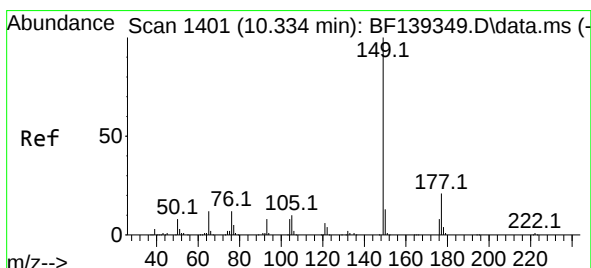
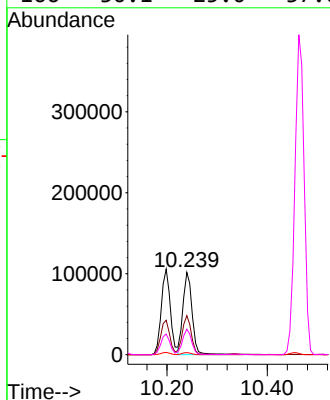
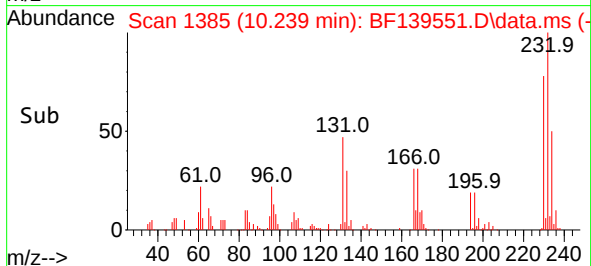
Instrument :
BNA_F
ClientSampleId :
PB163677BSD



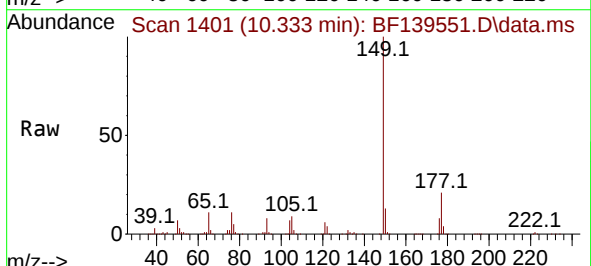
Tgt Ion:232 Resp: 129469
Ion Ratio Lower Upper
232 100
131 46.3 40.7 61.1
130 2.5 2.2 3.2
166 30.1 25.0 37.6

Manual Integrations
APPROVED

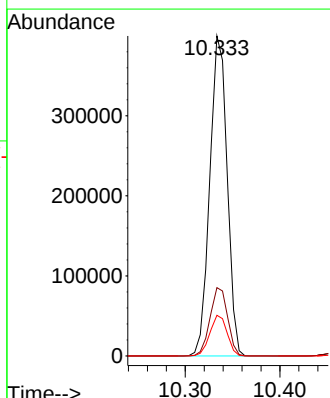
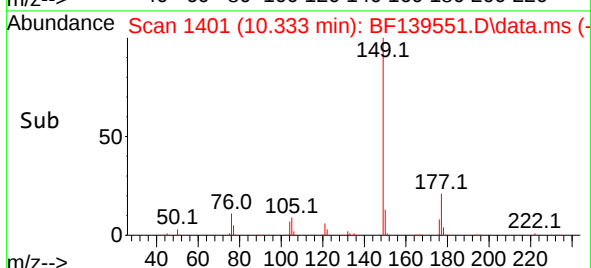
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024

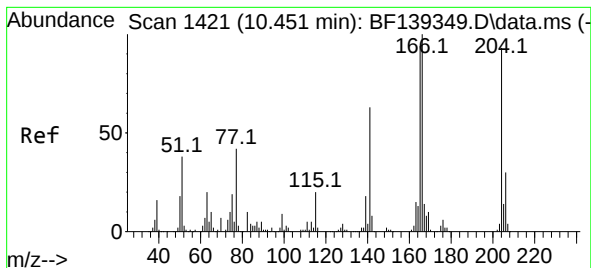


#60
Diethylphthalate
Concen: 51.700 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56



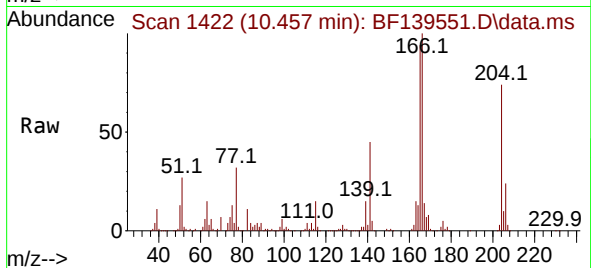
Tgt Ion:149 Resp: 508572
Ion Ratio Lower Upper
149 100
177 21.4 16.6 24.8
150 12.7 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 50.426 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

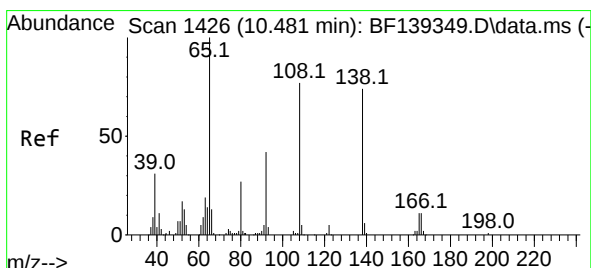
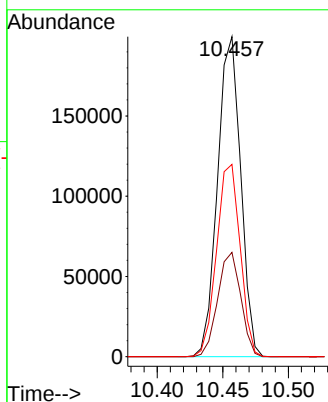
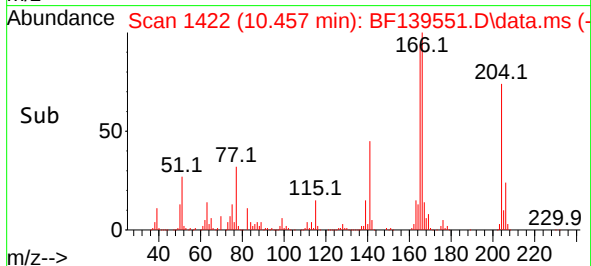
Instrument :
BNA_F
ClientSampleId :
PB163677BSD



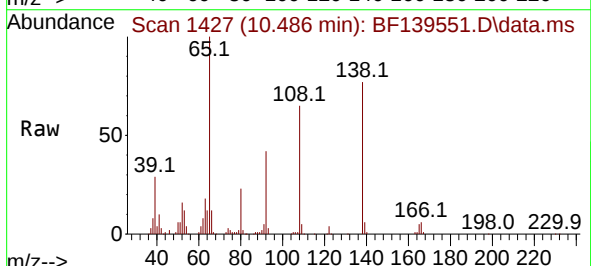
Tgt Ion:204 Resp: 244600
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 60.1 53.9 80.9

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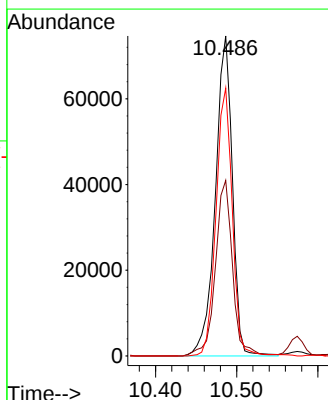
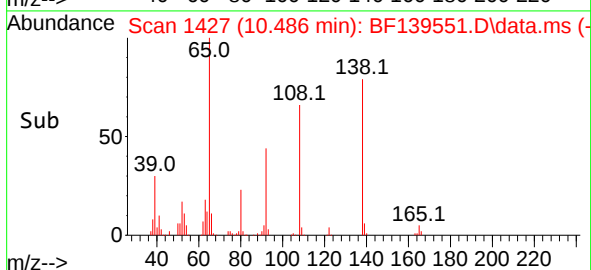
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024

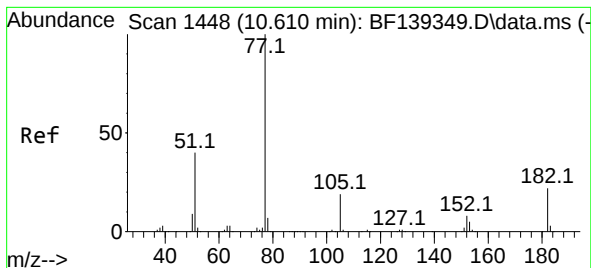


#62
4-Nitroaniline
Concen: 47.423 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56



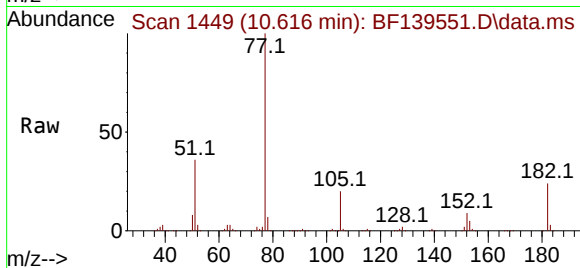
Tgt Ion:138 Resp: 109227
Ion Ratio Lower Upper
138 100
92 54.9 37.0 77.0
108 83.7 84.4 124.4#





#63
Azobenzene
Concen: 53.082 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

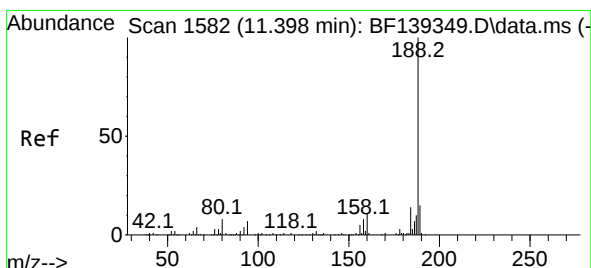
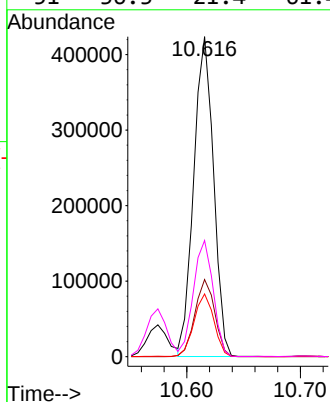
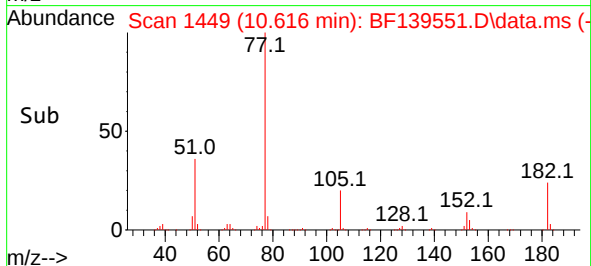
Instrument :
BNA_F
ClientSampleId :
PB163677BSD



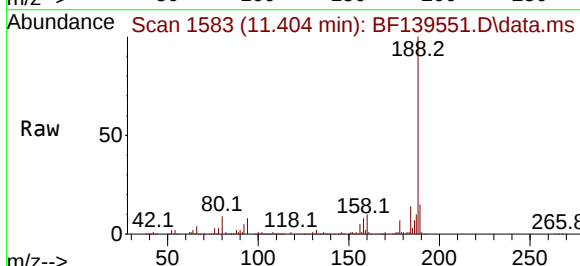
Tgt Ion: 77 Resp: 51357
Ion Ratio Lower Upper
77 100
182 24.1 1.8 41.8
105 19.6 0.0 38.6
51 36.3 21.4 61.4

Manual Integrations
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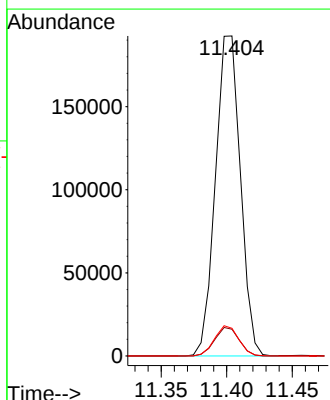
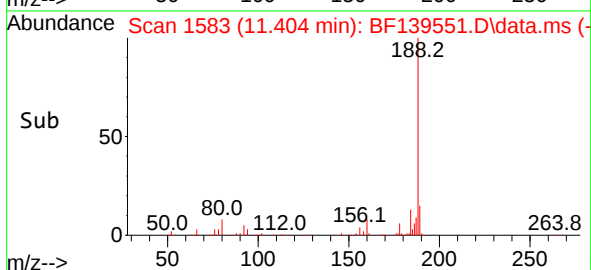
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024

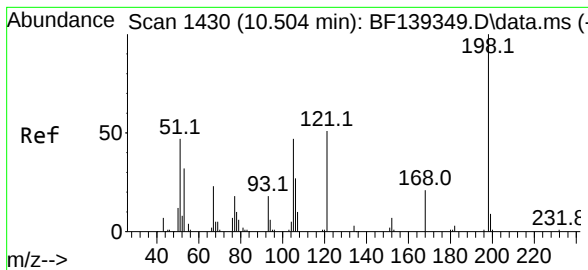


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56



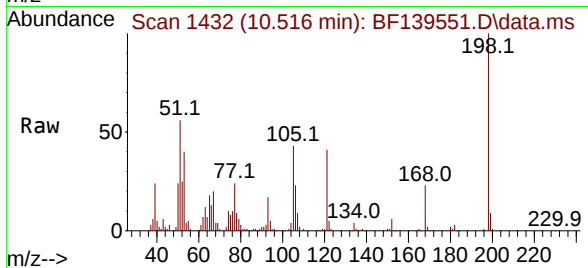
Tgt Ion:188 Resp: 254802
Ion Ratio Lower Upper
188 100
94 8.3 5.5 8.3#
80 8.6 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 60.302 ng
RT: 10.516 min Scan# 1430
Delta R.T. 0.012 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

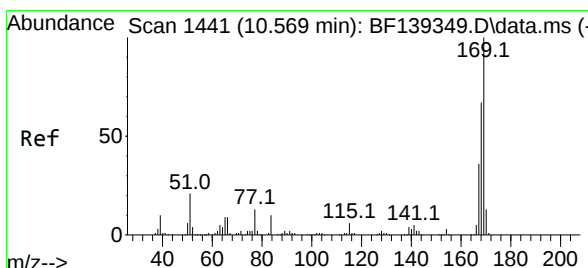
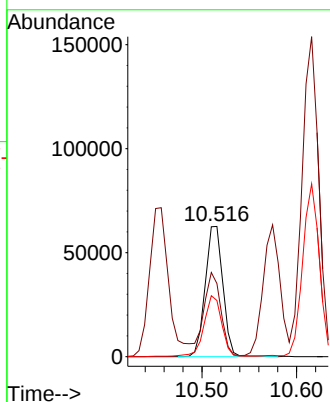
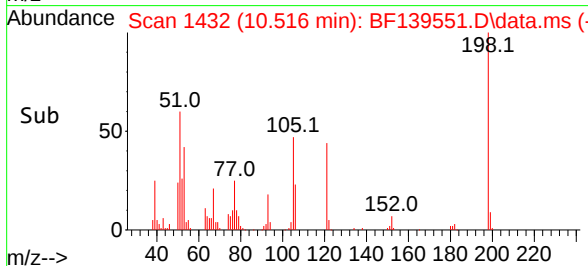
Instrument :
BNA_F
ClientSampleId :
PB163677BSD



Tgt Ion:198 Resp: 81095
Ion Ratio Lower Upper
198 100
51 56.2 50.4 90.4
105 43.0 28.3 68.3

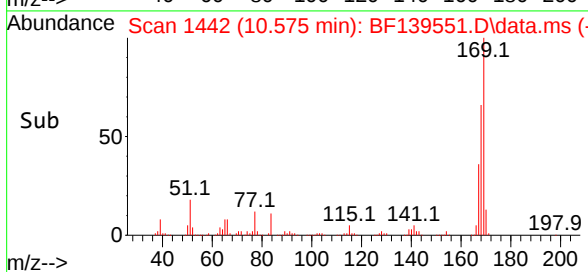
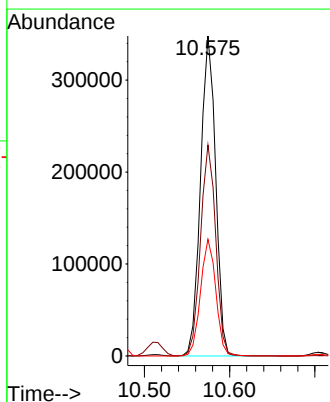
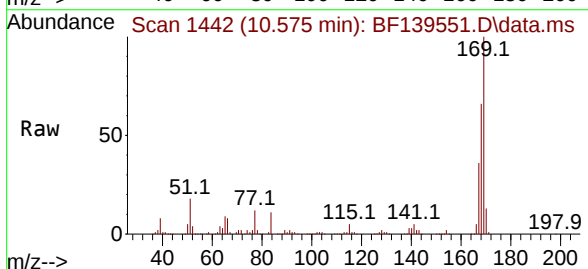
Manual Integrations
APPROVED

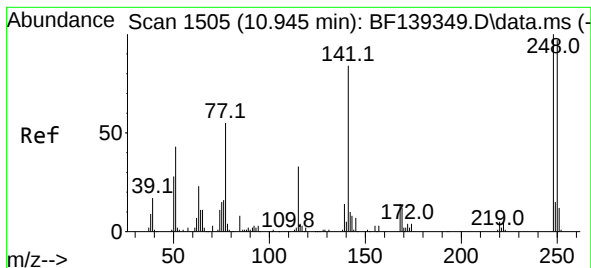
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#66
n-Nitrosodiphenylamine
Concen: 57.490 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

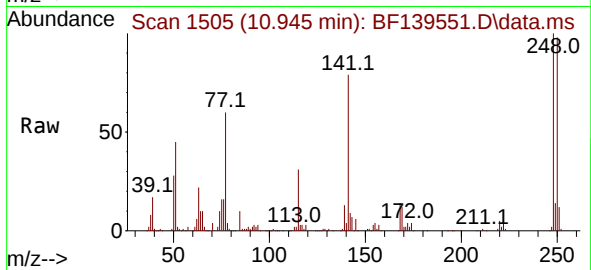
Tgt Ion:169 Resp: 428271
Ion Ratio Lower Upper
169 100
168 65.9 53.6 80.4
167 36.4 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 56.796 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

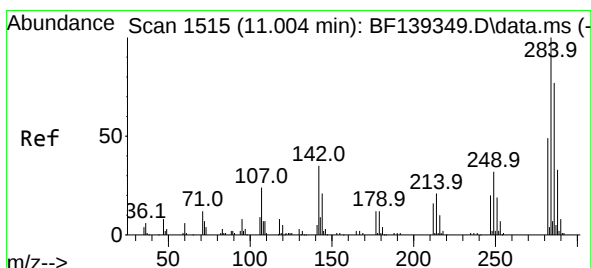
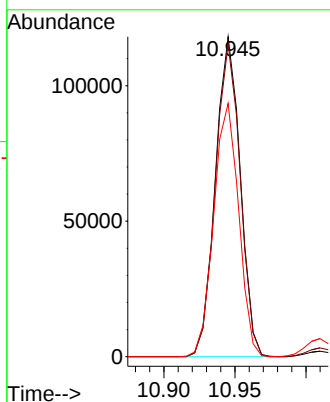
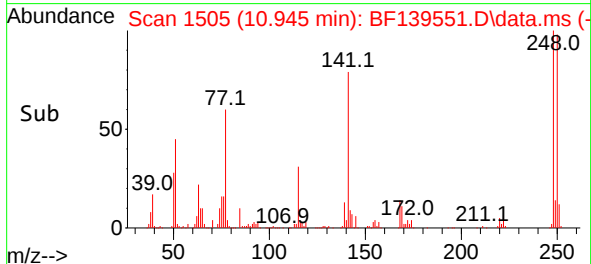
Instrument :
BNA_F
ClientSampleId :
PB163677BSD



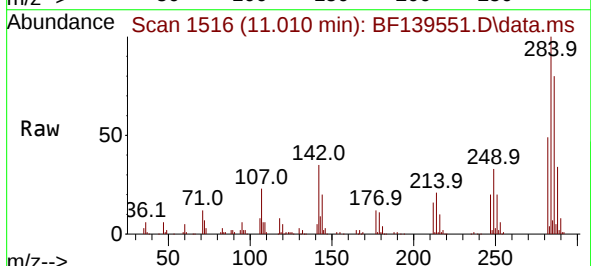
Tgt Ion:248 Resp: 14341
Ion Ratio Lower Upper
248 100
250 97.6 77.6 116.4
141 79.2 66.9 100.3

Manual Integrations
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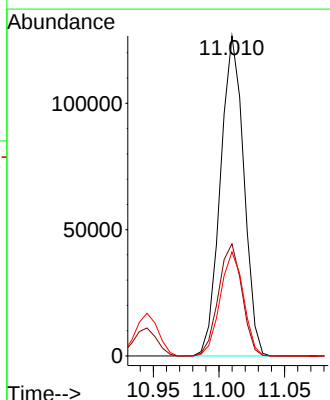
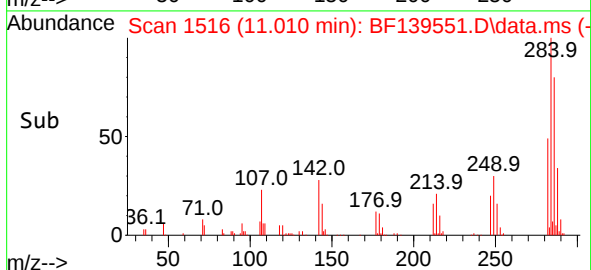
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#68
Hexachlorobenzene
Concen: 52.931 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56



Tgt Ion:284 Resp: 156858
Ion Ratio Lower Upper
284 100
142 35.1 28.0 42.0
249 32.5 25.3 37.9





#69

Atrazine

Concen: 73.507 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.012 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

PB163677BSD

Tgt Ion:200 Resp: 13036

Ion Ratio Lower Upper

200 100

173 27.0 6.1 46.1

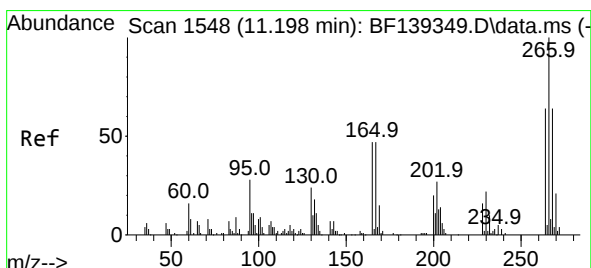
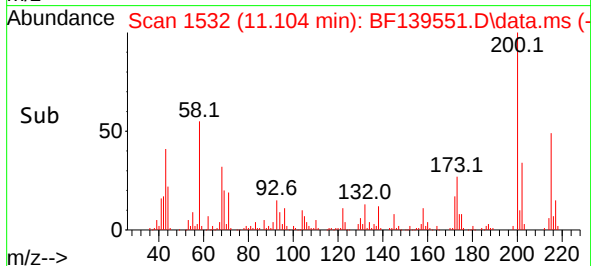
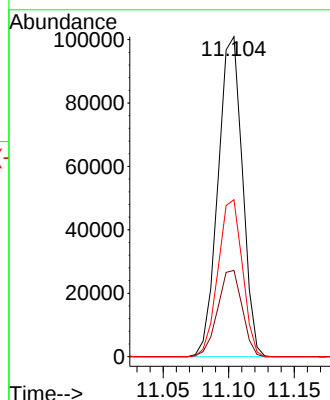
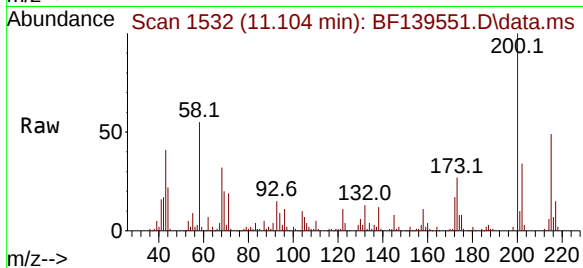
215 49.0 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#70

Pentachlorophenol

Concen: 96.670 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.012 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

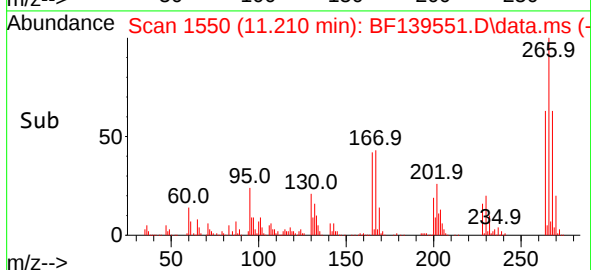
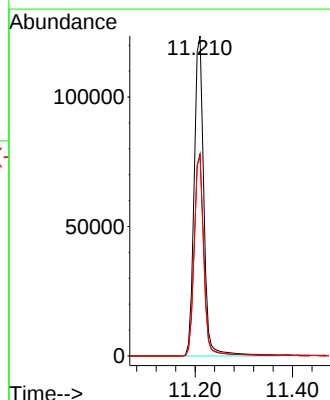
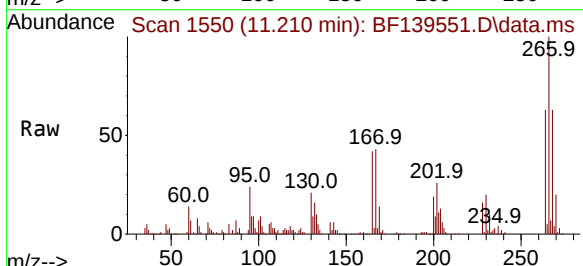
Tgt Ion:266 Resp: 171897

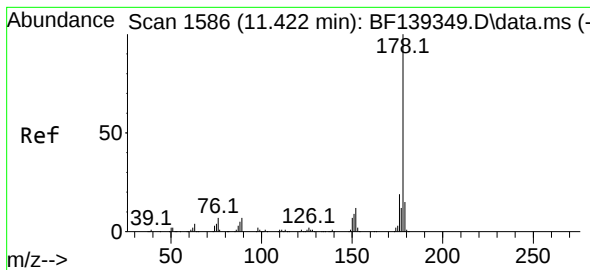
Ion Ratio Lower Upper

266 100

268 63.2 51.1 76.7

264 62.5 51.4 77.0





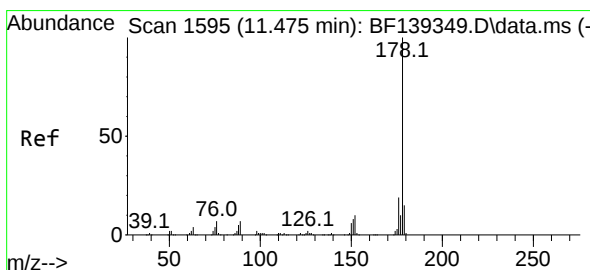
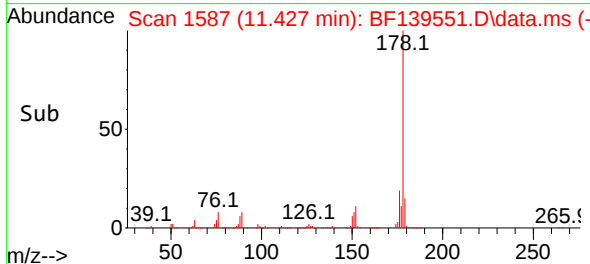
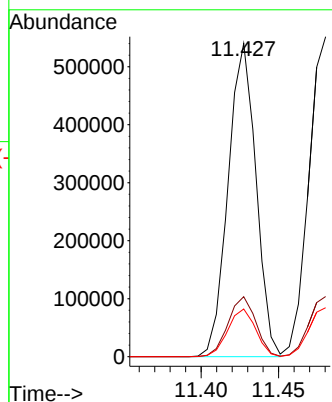
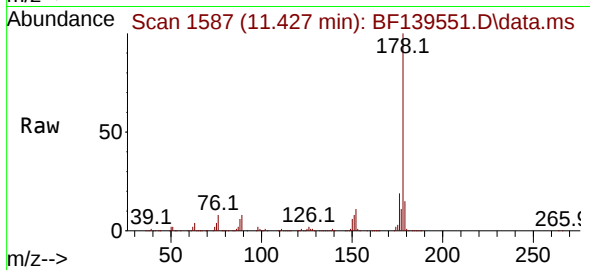
#71
Phenanthrene
Concen: 54.958 ng
RT: 11.427 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

Instrument :
BNA_F
ClientSampleId :
PB163677BSD

Tgt Ion:178 Resp: 675610
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.2 12.2 18.4

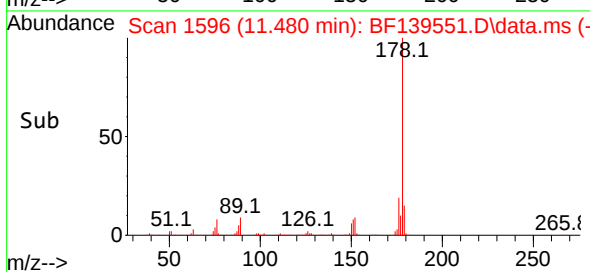
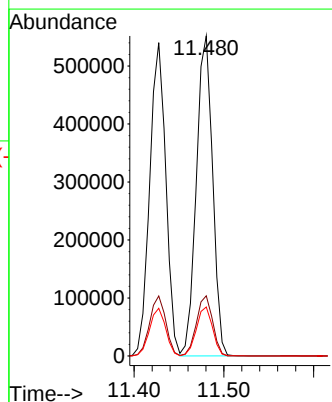
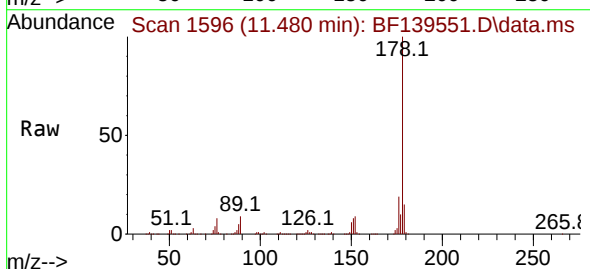
Manual Integrations
APPROVED

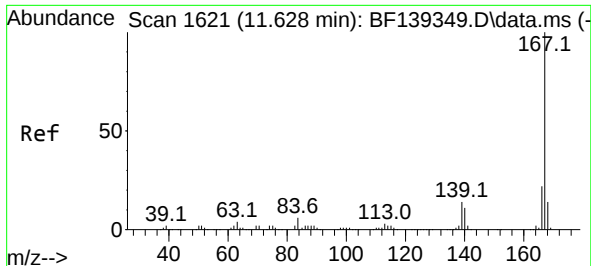
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#72
Anthracene
Concen: 57.690 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

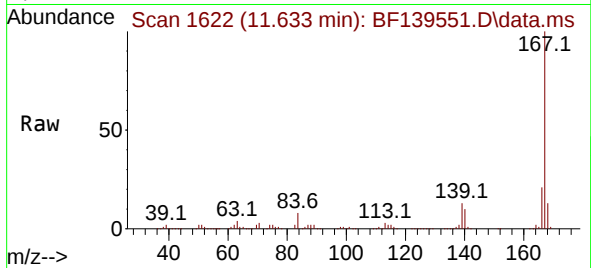
Tgt Ion:178 Resp: 693397
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.3 12.0 18.0





#73
 Carbazole
 Concen: 51.116 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.006 min
 Lab File: BF139551.D
 Acq: 26 Sep 2024 16:56

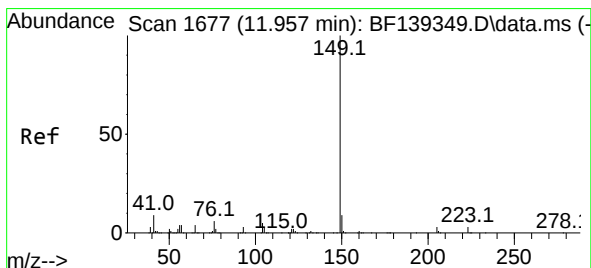
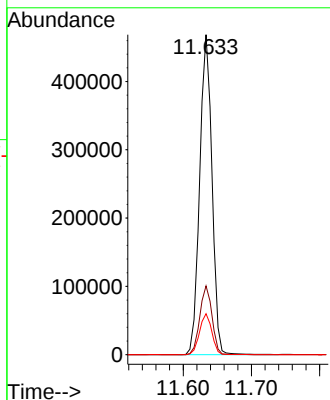
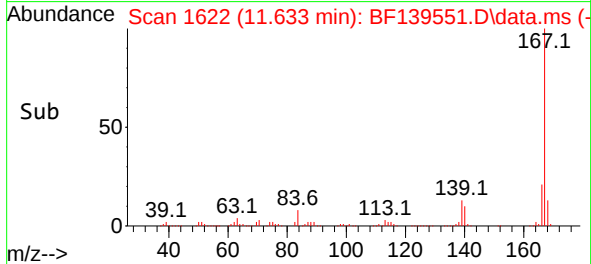
Instrument :
 BNA_F
 ClientSampleId :
 PB163677BSD



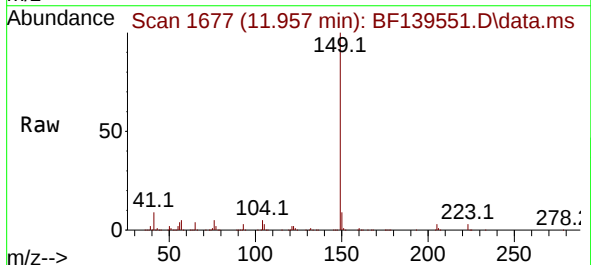
Tgt Ion:167 Resp: 58802
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 12.8 10.9 16.3

Manual Integrations
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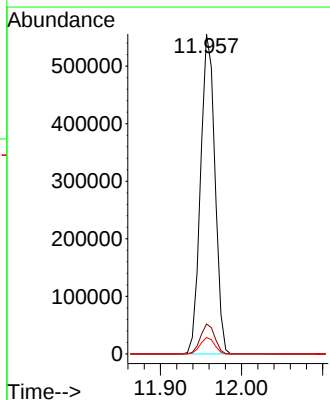
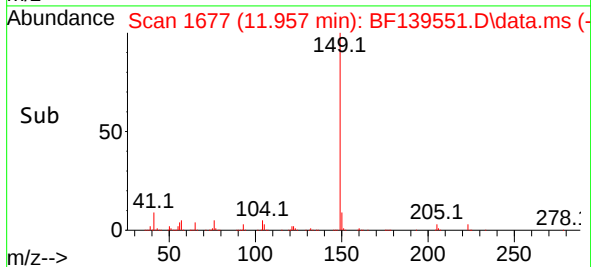
Reviewed By :Yogesh Patel 09/27/2024
 Supervised By :mohammad ahmed 09/28/2024

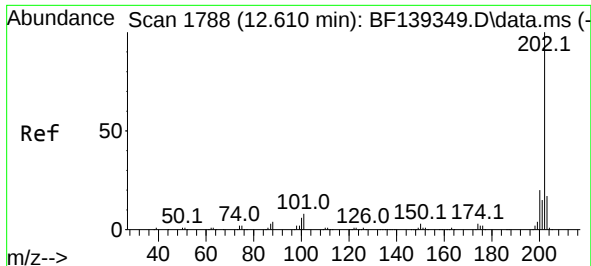


#74
 Di-n-butylphthalate
 Concen: 53.285 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139551.D
 Acq: 26 Sep 2024 16:56



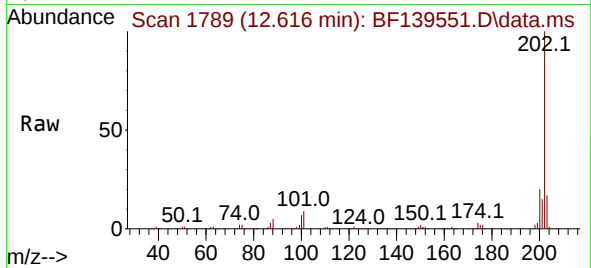
Tgt Ion:149 Resp: 682832
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.2 4.3 6.5





#75
Fluoranthene
Concen: 47.652 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

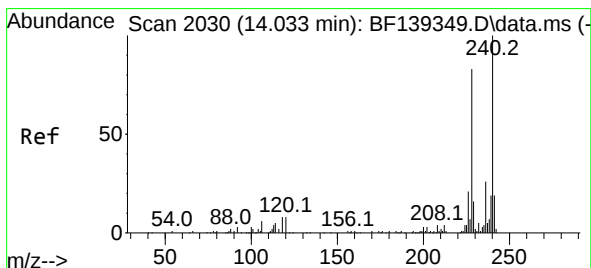
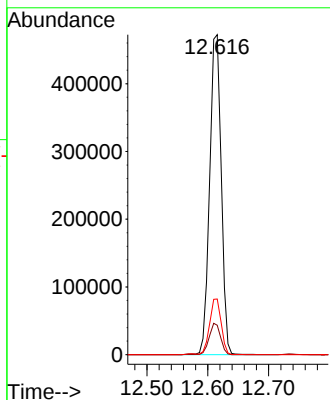
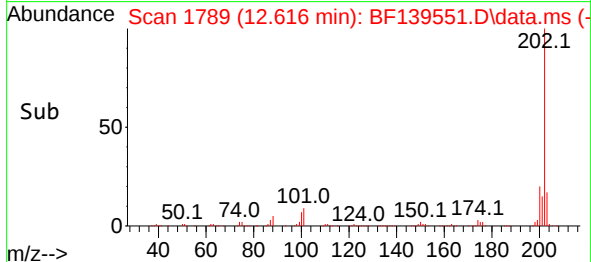
Instrument :
BNA_F
ClientSampleId :
PB163677BSD



Tgt Ion:202 Resp: 625574
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.7
203 17.4 0.0 37.4

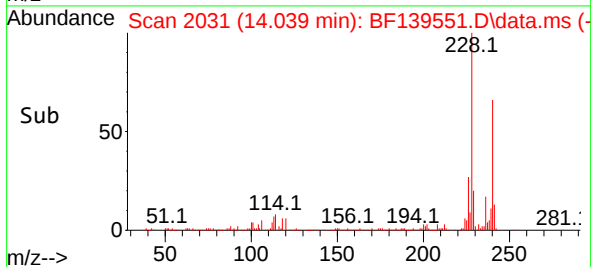
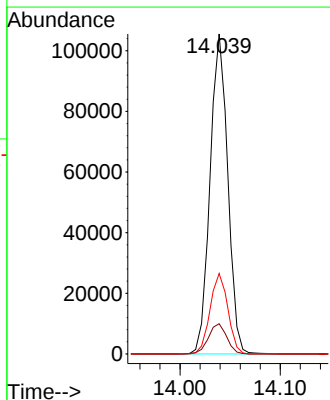
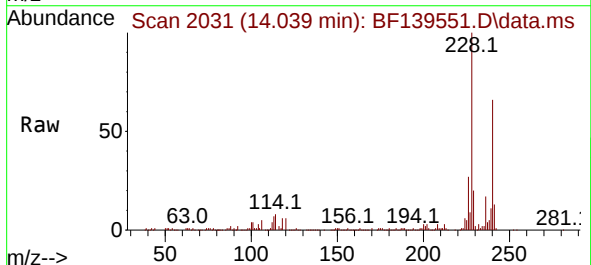
Manual Integrations
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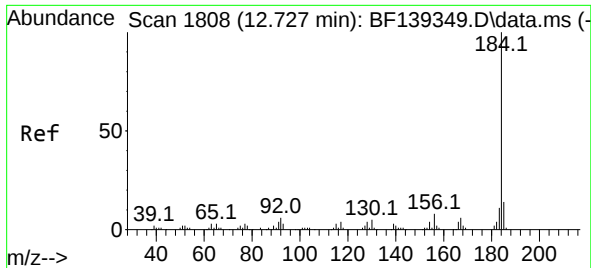
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

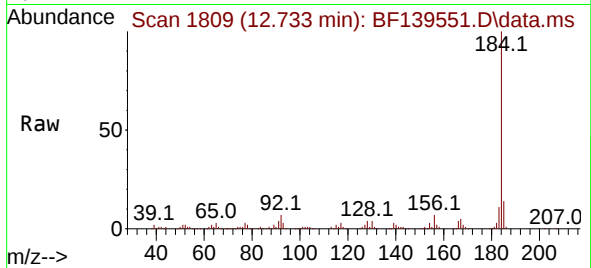
Tgt Ion:240 Resp: 129364
Ion Ratio Lower Upper
240 100
120 9.5 6.2 9.2#
236 25.2 20.9 31.3





#77
Benzidine
Concen: 115.493 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

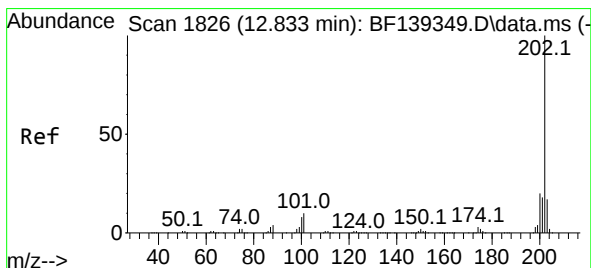
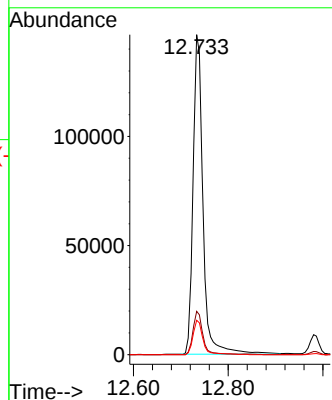
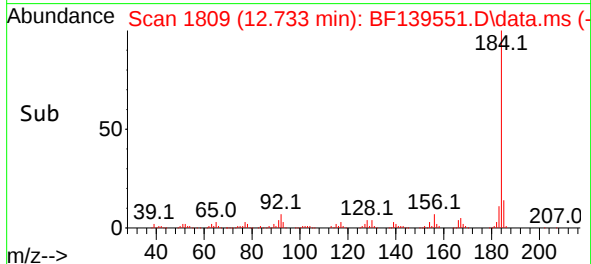
Instrument :
BNA_F
ClientSampleId :
PB163677BSD



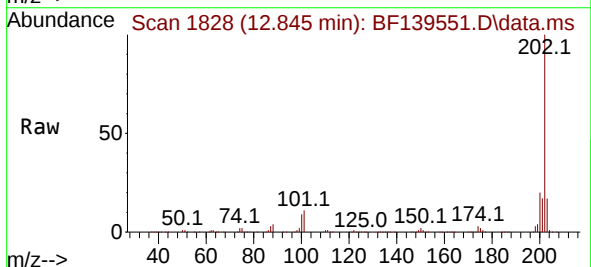
Tgt Ion:184 Resp: 21405
Ion Ratio Lower Upper
184 100
185 13.5 11.5 17.3
183 10.7 8.9 13.3

Manual Integrations
APPROVED

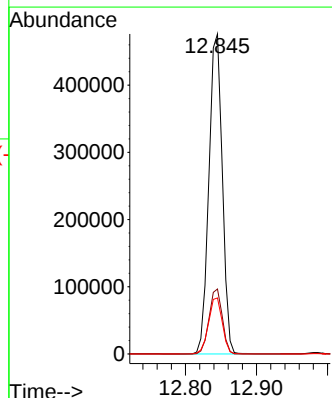
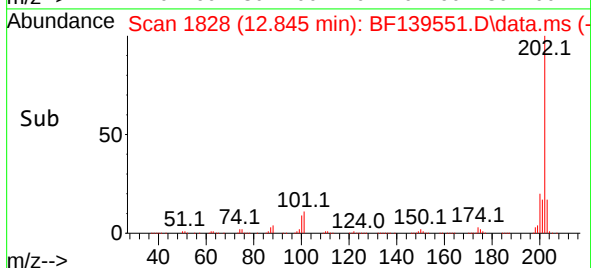
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024

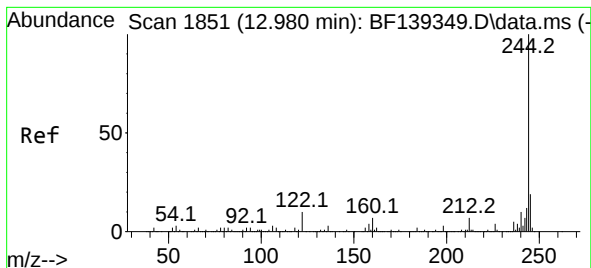


#78
Pyrene
Concen: 56.376 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.012 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56



Tgt Ion:202 Resp: 626209
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 104.171 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139551.D

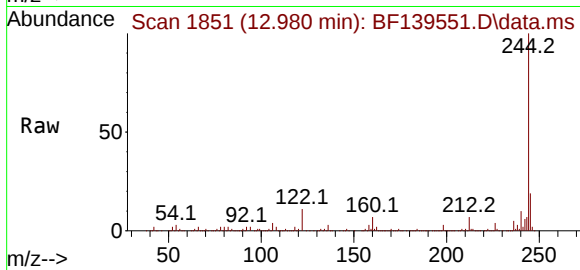
Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

PB163677BSD



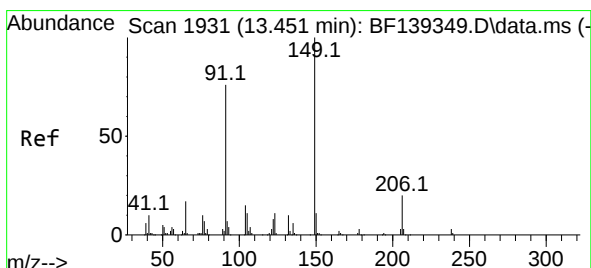
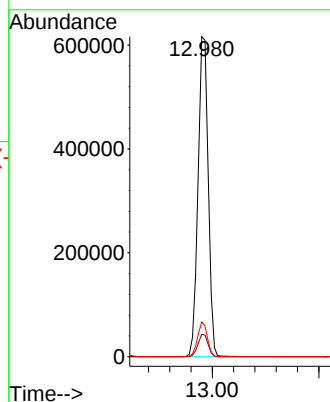
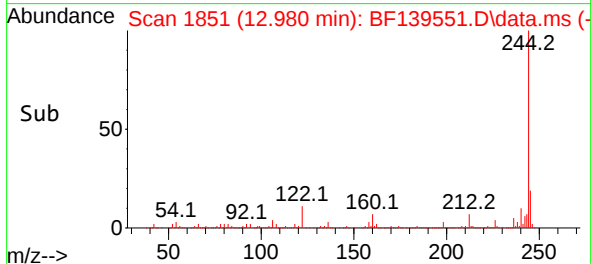
Tgt Ion:	244	Resp:	82100
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	10.8	7.6	11.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#80

Butylbenzylphthalate

Concen: 56.601 ng

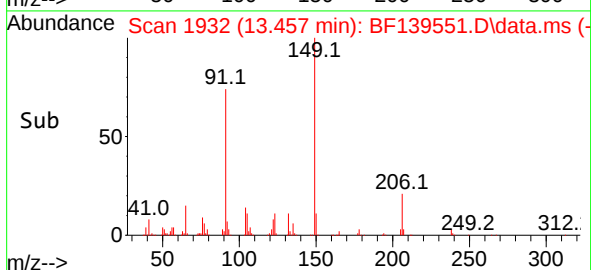
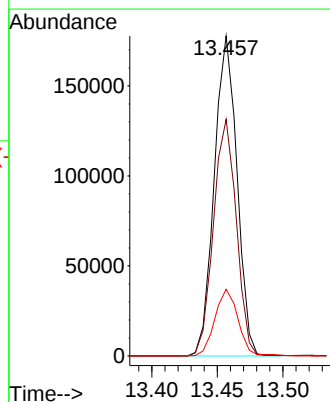
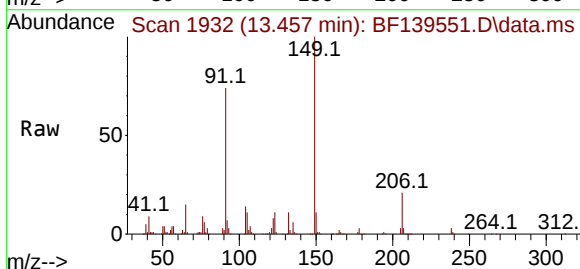
RT: 13.457 min Scan# 1932

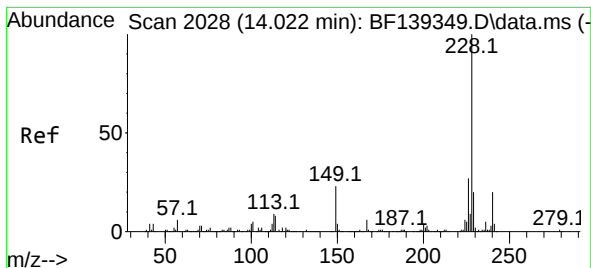
Delta R.T. 0.006 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

Tgt Ion:	149	Resp:	213997
Ion Ratio	Lower	Upper	
149	100		
91	74.0	60.9	91.3
206	20.9	15.8	23.8





#81

Benzo(a)anthracene

Concen: 55.963 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

PB163677BSD

Tgt Ion:228 Resp: 47955

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

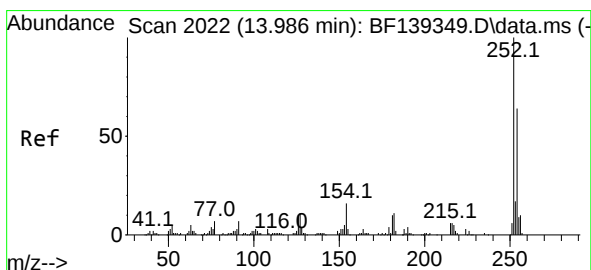
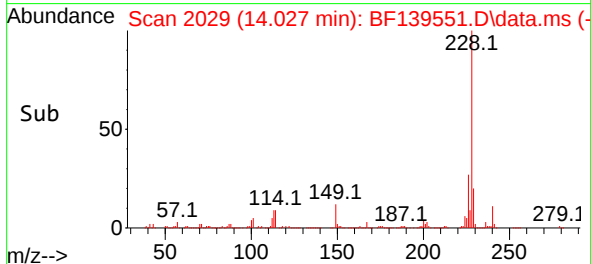
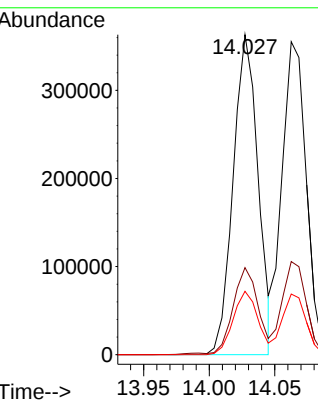
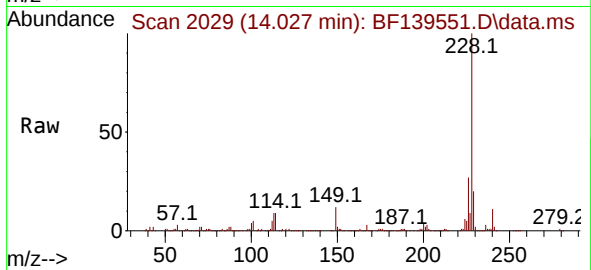
229 19.8 15.7 23.5

Manual Integrations

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Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#82

3,3'-Dichlorobenzidine

Concen: 46.996 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

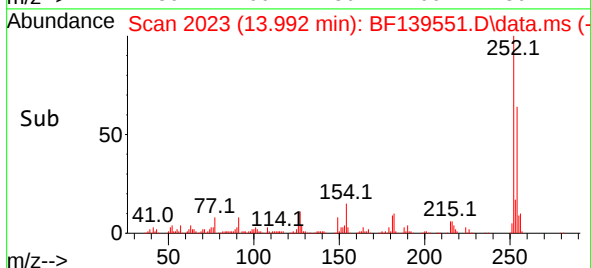
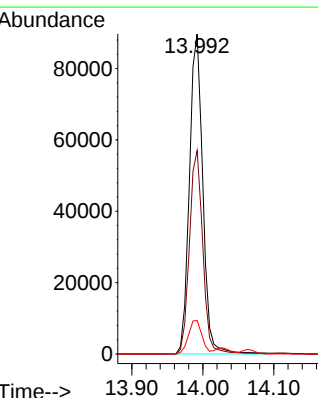
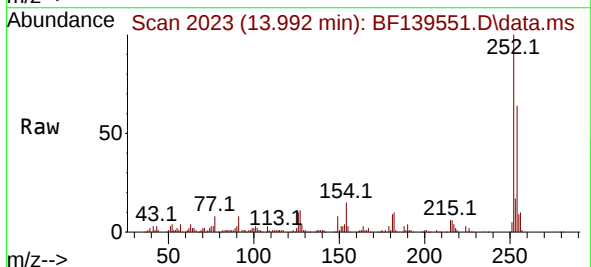
Tgt Ion:252 Resp: 117933

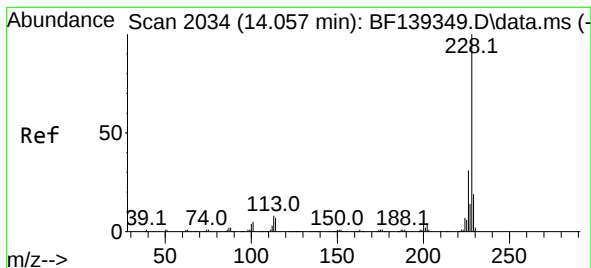
Ion Ratio Lower Upper

252 100

254 63.6 51.4 77.2

126 10.5 7.7 11.5





#83

Chrysene

Concen: 58.081 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

PB163677BSD

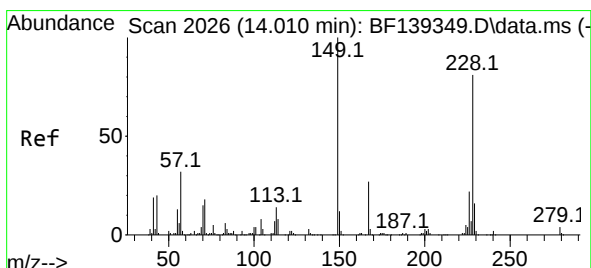
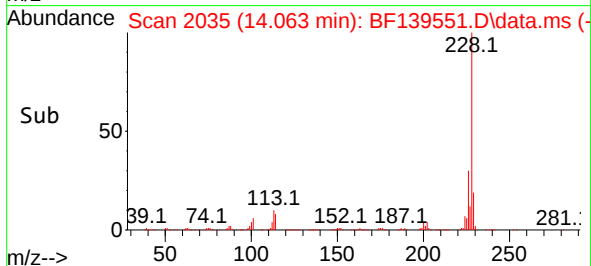
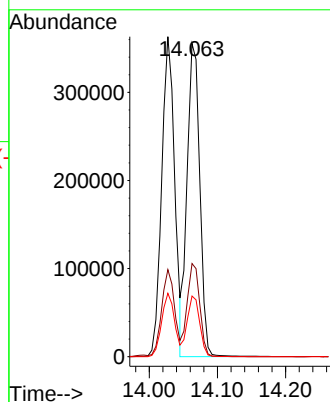
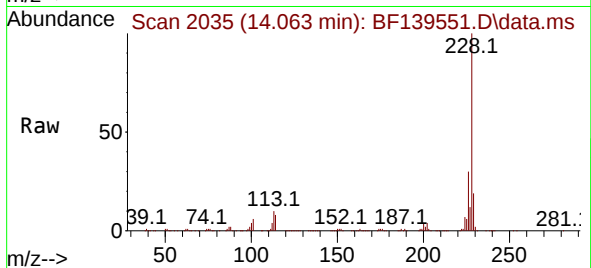
Tgt Ion:228 Resp: 45788
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.1 36.1
 229 19.4 15.4 23.0

Manual Integrations

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Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.206 ng

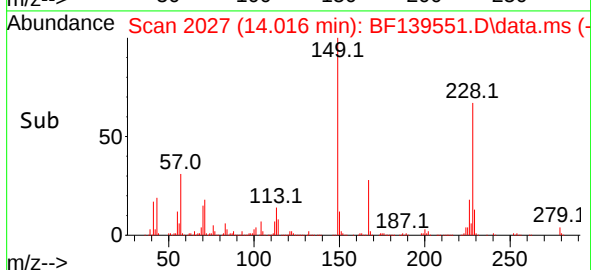
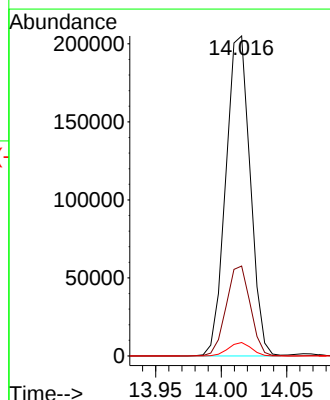
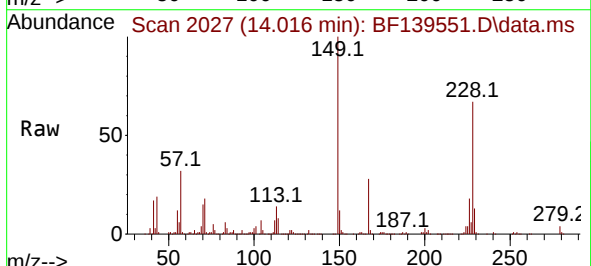
RT: 14.016 min Scan# 2027

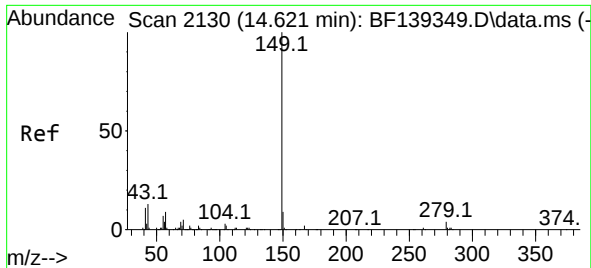
Delta R.T. 0.006 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

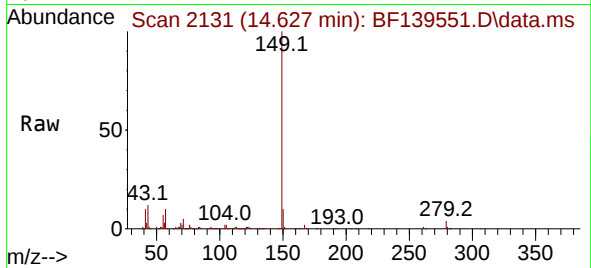
Tgt Ion:149 Resp: 265524
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.6 32.4
 279 4.2 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 63.009 ng
RT: 14.627 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

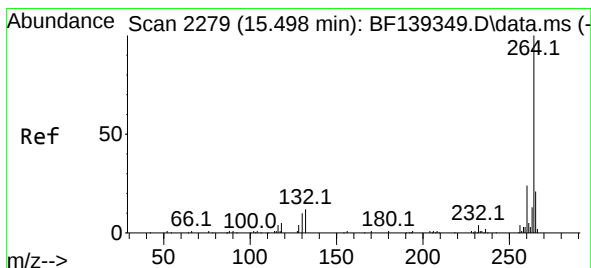
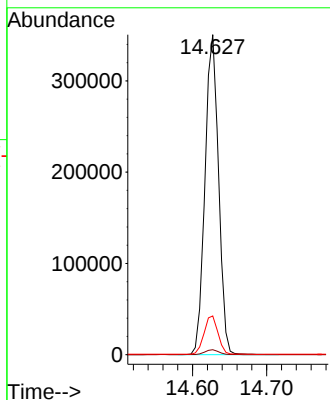
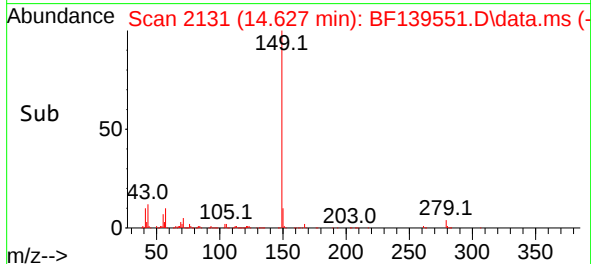
Instrument :
BNA_F
ClientSampleId :
PB163677BSD



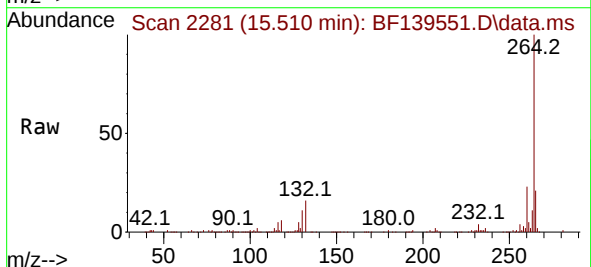
Tgt Ion:149 Resp: 446308
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.3 10.6 16.0

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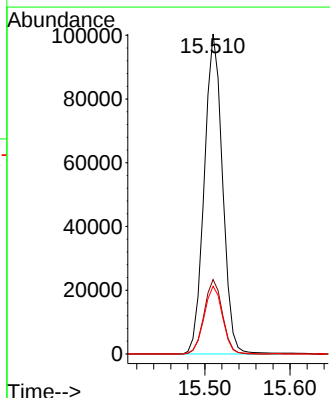
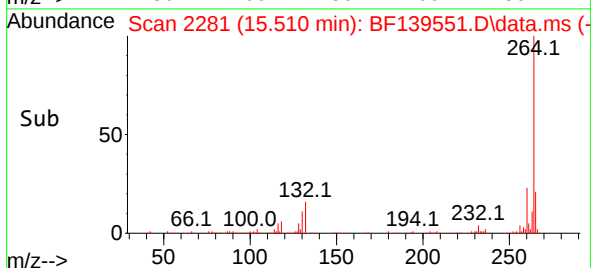
Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024

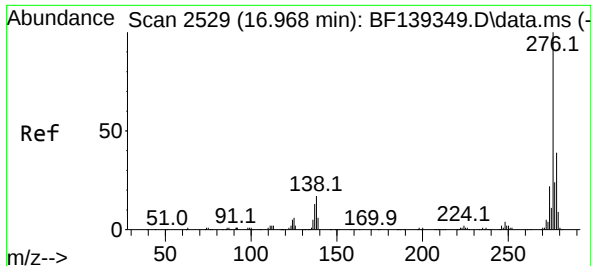


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56



Tgt Ion:264 Resp: 149417
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 21.1 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 57.683 ng
 RT: 16.992 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BF139551.D
 Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

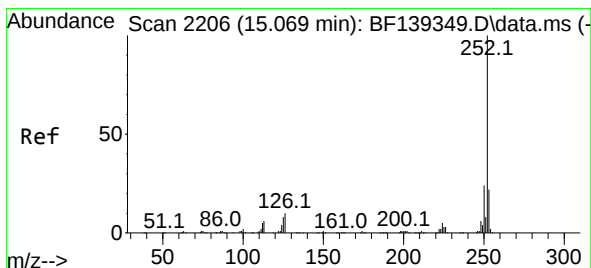
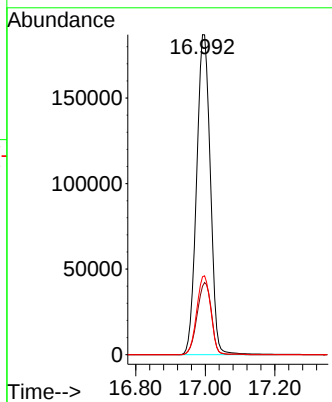
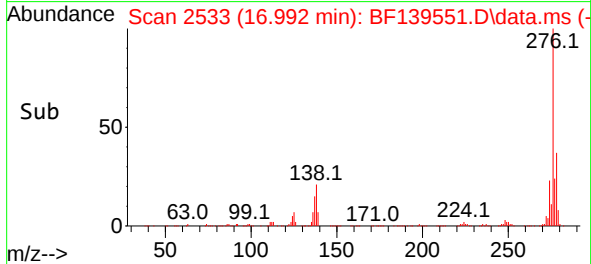
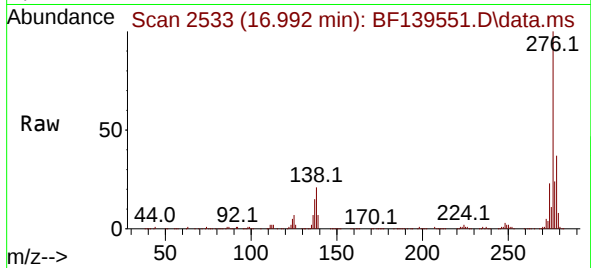
ClientSampleId :

PB163677BSD

Tgt Ion: 276 Resp: 51249
 Ion Ratio Lower Upper
 276 100
 138 23.2 15.4 23.2
 277 25.2 20.4 30.6

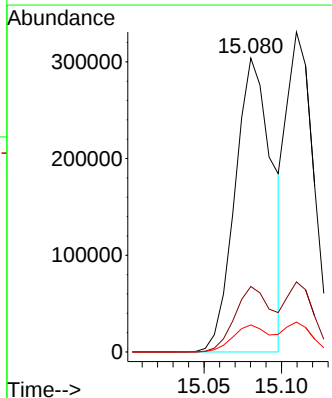
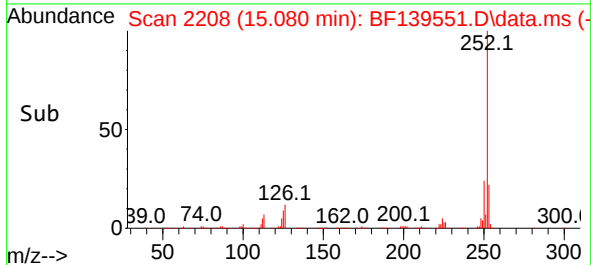
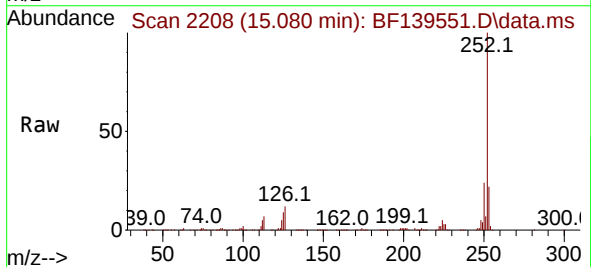
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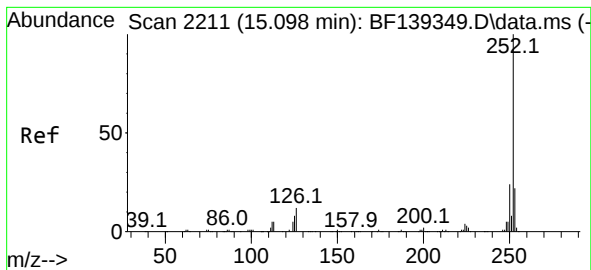
Reviewed By : Yogesh Patel 09/27/2024
 Supervised By : mohammad ahmed 09/28/2024



#88
 Benzo(b)fluoranthene
 Concen: 54.823 ng
 RT: 15.080 min Scan# 2208
 Delta R.T. 0.012 min
 Lab File: BF139551.D
 Acq: 26 Sep 2024 16:56

Tgt Ion: 252 Resp: 505200
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.6 26.4
 125 9.2 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 47.249 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

Instrument :

BNA_F

ClientSampleId :

PB163677BSD

Tgt Ion:252 Resp: 401450

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

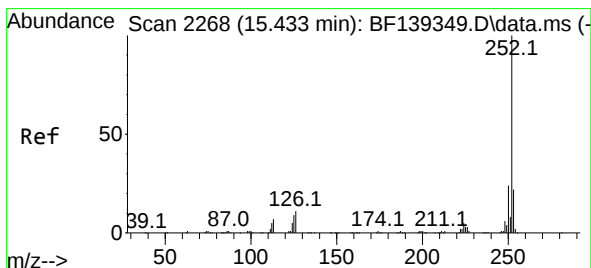
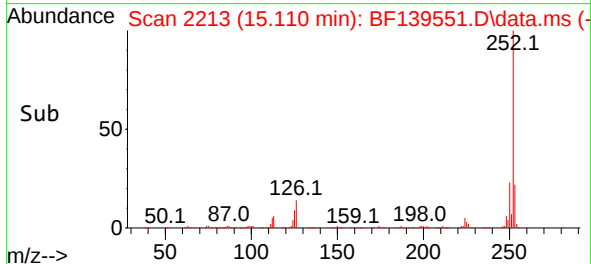
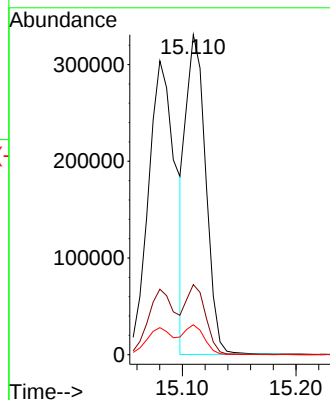
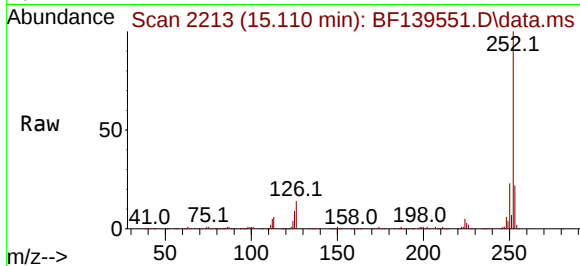
125 9.3 5.9 8.9

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Reviewed By :Yogesh Patel 09/27/2024

Supervised By :mohammad ahmed 09/28/2024



#90

Benzo(a)pyrene

Concen: 58.656 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.018 min

Lab File: BF139551.D

Acq: 26 Sep 2024 16:56

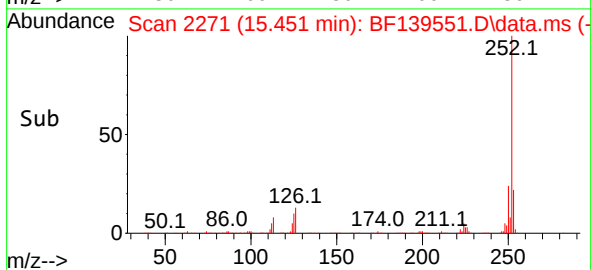
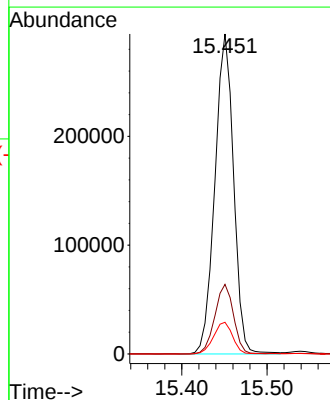
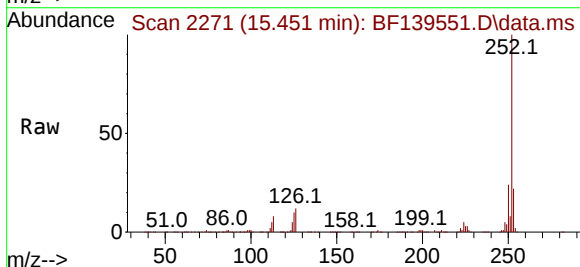
Tgt Ion:252 Resp: 448278

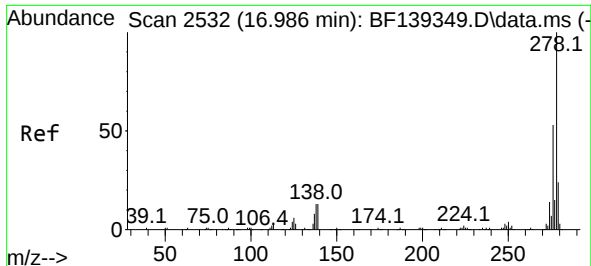
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

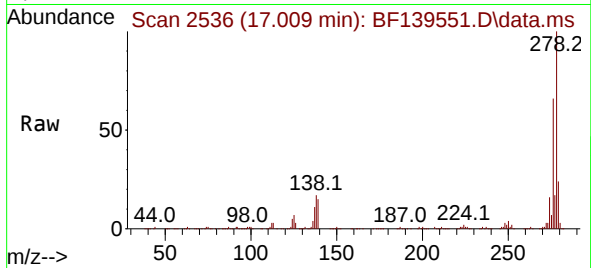
125 9.9 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 57.262 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56

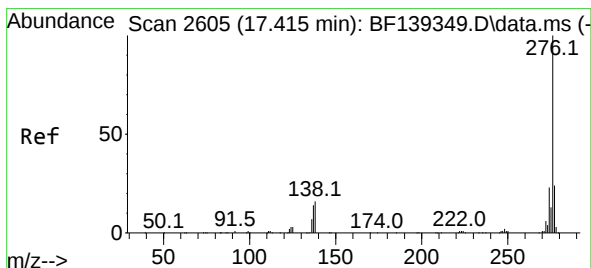
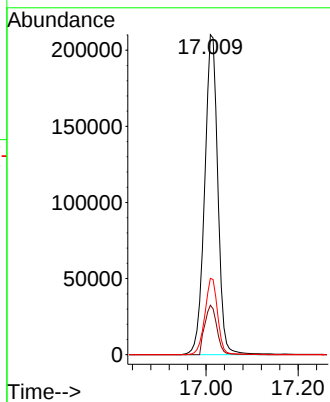
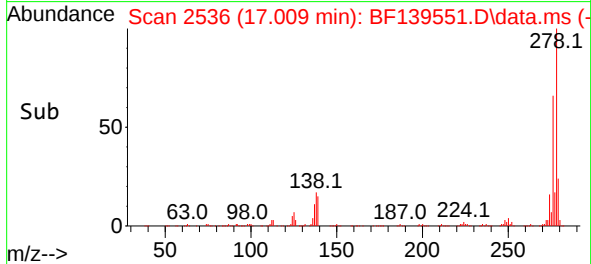
Instrument :
BNA_F
ClientSampleId :
PB163677BSD



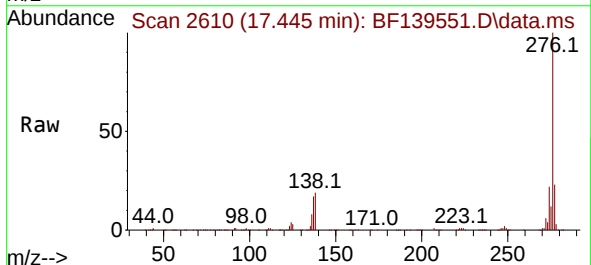
Tgt Ion:278 Resp: 420404
Ion Ratio Lower Upper
278 100
139 15.5 10.2 15.2
279 23.9 18.9 28.3

Manual Integrations
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Reviewed By :Yogesh Patel 09/27/2024
Supervised By :mohammad ahmed 09/28/2024



#92
Benzo(g,h,i)perylene
Concen: 52.697 ng
RT: 17.445 min Scan# 2610
Delta R.T. 0.029 min
Lab File: BF139551.D
Acq: 26 Sep 2024 16:56



Tgt Ion:276 Resp: 383067
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 19.0 13.0 19.6

