

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137584.D
 Acq On : 13 Mar 2024 19:02
 Operator : CG\JU
 Sample : P1725-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024

Quant Time: Mar 14 04:02:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 04:02:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.028	152	209389m	20.000	ng	0.12
21) Naphthalene-d8	8.286	136	822307	20.000	ng	0.11
39) Acenaphthene-d10	10.039	164	448946	20.000	ng	0.11
64) Phenanthrene-d10	11.539	188	725858	20.000	ng	0.11
76) Chrysene-d12	14.210	240	419045	20.000	ng	0.11
86) Perylene-d12	15.833	264	454211	20.000	ng	0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	1449412	104.838	ng	0.17
7) Phenol-d6	6.681	99	1897756	95.095	ng	0.13
23) Nitrobenzene-d5	7.581	82	1347741	76.154	ng	0.11
42) 2,4,6-Tribromophenol	10.839	330	532530	135.073	ng	0.11
45) 2-Fluorobiphenyl	9.363	172	2184119	76.155	ng	0.11
79) Terphenyl-d14	13.145	244	2310958	75.835	ng	0.11
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	248651m	32.893	ng	
3) Pyridine	3.993	79	577496m	31.676	ng	
4) n-Nitrosodimethylamine	3.946	42	289572m	39.907	ng	
6) Aniline	6.704	93	372982	15.296	ng	89
8) 2-Chlorophenol	6.822	128	596336	40.895	ng	98
9) Benzaldehyde	6.598	77	141666	14.490	ng	94
10) Phenol	6.692	94	732068	34.082	ng	99
11) bis(2-Chloroethyl)ether	6.775	93	633156	40.225	ng	98
12) 1,3-Dichlorobenzene	6.969	146	617212	39.611	ng	98
13) 1,4-Dichlorobenzene	7.045	146	622949m	39.074	ng	
14) 1,2-Dichlorobenzene	7.192	146	599486m	40.967	ng	
15) Benzyl Alcohol	7.169	79	550122	44.279	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.292	45	959887	35.477	ng	93
17) 2-Methylphenol	7.281	107	474861	34.801	ng	97
18) Hexachloroethane	7.522	117	212341	40.450	ng	96
19) n-Nitroso-di-n-propyla...	7.434	70	458197	37.181	ng	99
20) 3+4-Methylphenols	7.428	107	578332m	37.008	ng	
22) Acetophenone	7.428	105	796181	40.017	ng	# 97
24) Nitrobenzene	7.598	77	683291	38.434	ng	98
25) Isophorone	7.834	82	1299371	38.646	ng	98
26) 2-Nitrophenol	7.910	139	312523	44.278	ng	93
27) 2,4-Dimethylphenol	7.945	122	432135	32.766	ng	99
28) bis(2-Chloroethoxy)met...	8.039	93	785315	39.808	ng	99
29) 2,4-Dichlorophenol	8.145	162	511435	42.253	ng	98
30) 1,2,4-Trichlorobenzene	8.228	180	517269	40.609	ng	98
31) Naphthalene	8.310	128	1731975	39.256	ng	99
32) Benzoic acid	8.045	122	67562m	14.027	ng	
33) 4-Chloroaniline	8.363	127	66556	3.847	ng	99
34) Hexachlorobutadiene	8.422	225	300387	39.945	ng	99
35) Caprolactam	8.733	113	156498m	38.130	ng	
36) 4-Chloro-3-methylphenol	8.851	107	574840	42.487	ng	98
37) 2-Methylnaphthalene	8.998	142	1083018	38.506	ng	100
38) 1-Methylnaphthalene	9.098	142	1004047	37.907	ng	100
40) 1,2,4,5-Tetrachloroben...	9.163	216	533066	42.531	ng	99
41) Hexachlorocyclopentadiene	9.145	237	341744	68.173	ng	100
43) 2,4,6-Trichlorophenol	9.281	196	361160	44.250	ng	99

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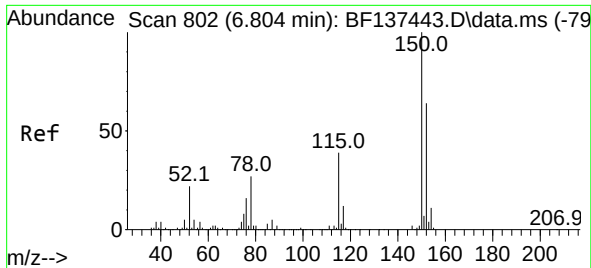
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.328	196	381251	40.550	ng	97
46) 1,1'-Biphenyl	9.463	154	1347703	41.015	ng	99
47) 2-Chloronaphthalene	9.486	162	1062742	42.421	ng	98
48) 2-Nitroaniline	9.592	65	385787	45.307	ng	98
49) Acenaphthylene	9.904	152	1686208	42.058	ng	100
50) Dimethylphthalate	9.775	163	1382210	44.228	ng	100
51) 2,6-Dinitrotoluene	9.833	165	302180	46.229	ng	98
52) Acenaphthene	10.075	154	966034	40.360	ng	99
53) 3-Nitroaniline	10.004	138	151168	21.864	ng	93
54) 2,4-Dinitrophenol	10.116	184	79982	30.732	ng	93
55) Dibenzofuran	10.251	168	1468528	40.283	ng	100
56) 4-Nitrophenol	10.180	139	351097	71.863	ng	97
57) 2,4-Dinitrotoluene	10.245	165	363144	45.219	ng	94
58) Fluorene	10.598	166	1132097	40.436	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.375	232	324712	43.068	ng	95
60) Diethylphthalate	10.475	149	1278400	43.318	ng	99
61) 4-Chlorophenyl-phenyle...	10.592	204	554741	40.430	ng	92
62) 4-Nitroaniline	10.628	138	254036	42.749	ng	97
63) Azobenzene	10.751	77	1436360	42.267	ng	99
65) 4,6-Dinitro-2-methylph...	10.651	198	100202	24.768	ng	92
66) n-Nitrosodiphenylamine	10.716	169	1068164	45.700	ng	100
67) 4-Bromophenyl-phenylether	11.086	248	375215	47.460	ng	96
68) Hexachlorobenzene	11.145	284	396948	49.711	ng	94
69) Atrazine	11.251	200	351412	49.456	ng	98
70) Pentachlorophenol	11.345	266	327703	67.888	ng	97
71) Phenanthrene	11.563	178	1715341	43.423	ng	99
72) Anthracene	11.616	178	1761284	43.412	ng	99
73) Carbazole	11.780	167	1534388	44.152	ng	98
74) Di-n-butylphthalate	12.116	149	1921016	46.461	ng	99
75) Fluoranthene	12.763	202	1601891	41.486	ng	99
77) Benzidine	12.892	184	421253	41.078	ng	98
78) Pyrene	12.992	202	1626491	39.557	ng	99
80) Butylbenzylphthalate	13.633	149	647385	61.650	ng	93
81) Benzo(a)anthracene	14.198	228	1304768	44.424	ng	99
82) 3,3'-Dichlorobenzidine	14.163	252	233945	29.911	ng	99
83) Chrysene	14.233	228	1372608	46.240	ng	100
84) Bis(2-ethylhexyl)phtha...	14.198	149	840899	63.003	ng	# 99
85) Di-n-octyl phthalate	14.845	149	1632482	61.657	ng	97
87) Indeno(1,2,3-cd)pyrene	17.604	276	1216605	40.702	ng	98
88) Benzo(b)fluoranthene	15.339	252	1287089m	47.904	ng	
89) Benzo(k)fluoranthene	15.374	252	1343238	46.545	ng	99
90) Benzo(a)pyrene	15.762	252	1216774	45.955	ng	99
91) Dibenzo(a,h)anthracene	17.639	278	992665	40.939	ng	99
92) Benzo(g,h,i)perylene	18.145	276	879811	35.332	ng	98

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



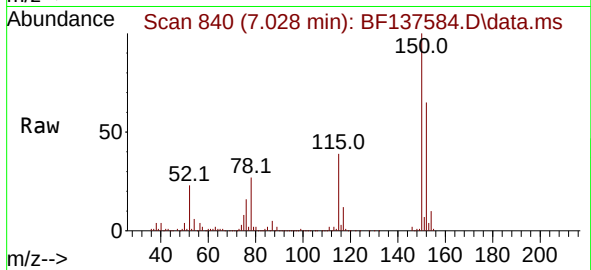
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng m
 RT: 7.028 min Scan# 84
 Delta R.T. 0.124 min
 Lab File: BF137584.D
 Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

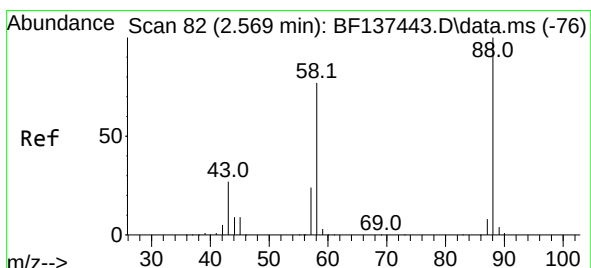
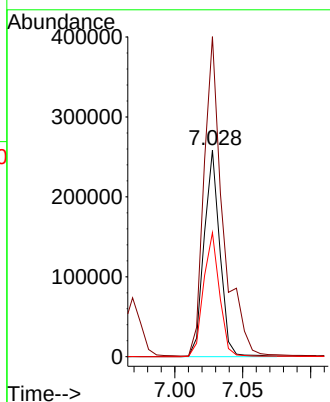
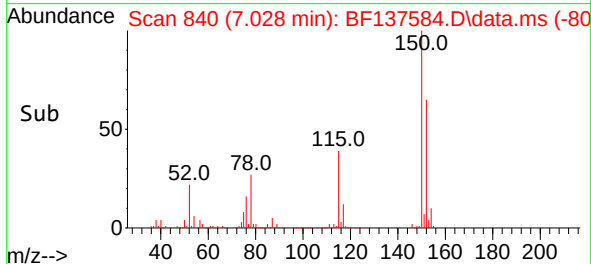


Tgt Ion:152 Resp: 209389
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.8 188.6
 115 60.0 48.8 73.2

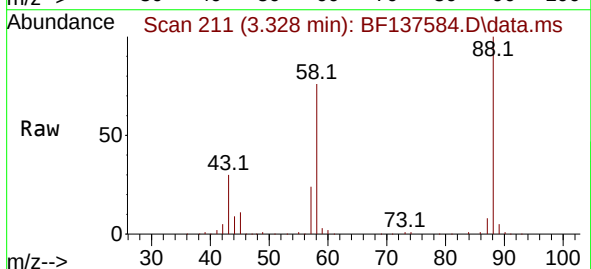
Manual Integrations

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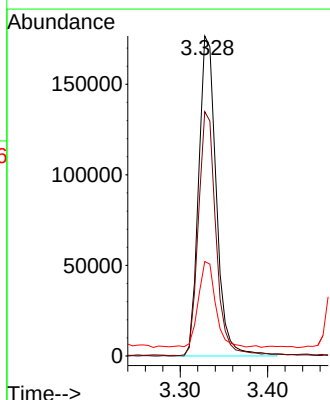
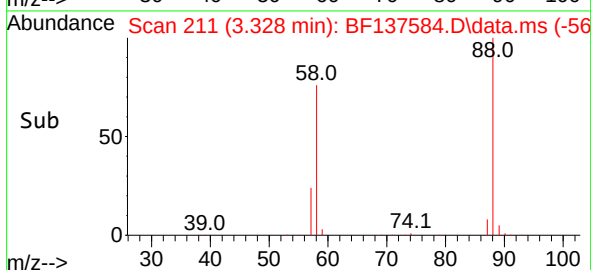
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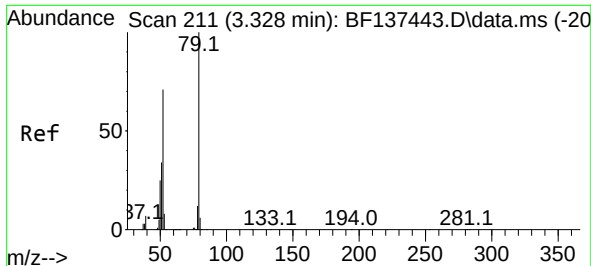


#2
 1,4-Dioxane
 Concen: 32.893 ng m
 RT: 3.328 min Scan# 211
 Delta R.T. 0.559 min
 Lab File: BF137584.D
 Acq: 13 Mar 2024 19:02



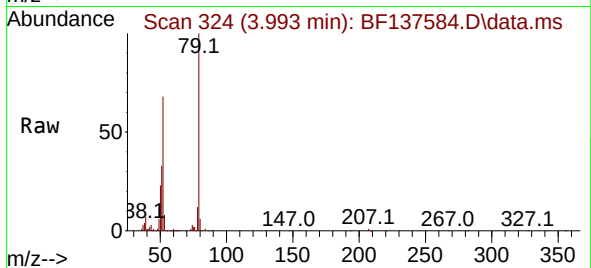
Tgt Ion: 88 Resp: 248651
 Ion Ratio Lower Upper
 88 100
 58 2.1 61.8 92.8#
 43 0.0 22.2 33.4#





#3
 Pyridine
 Concen: 31.676 ng m
 RT: 3.993 min Scan# 316
 Delta R.T. 0.424 min
 Lab File: BF137584.D
 Acq: 13 Mar 2024 19:02

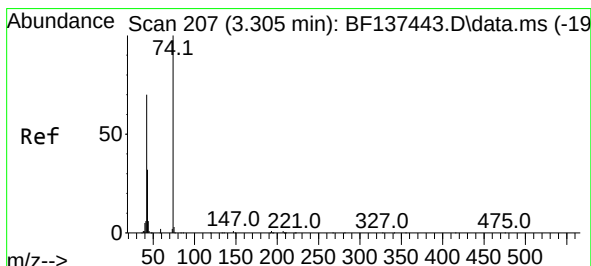
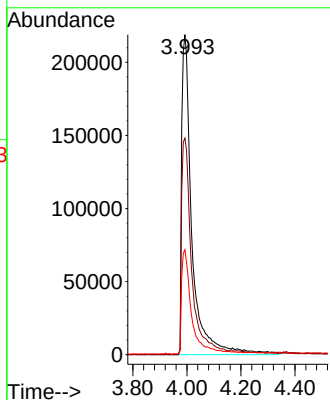
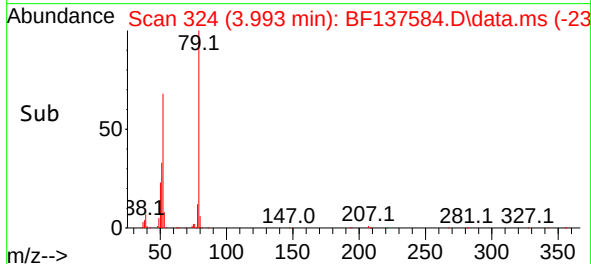
Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MSD



Tgt Ion: 79 Resp: 577490
 Ion Ratio Lower Upper
 79 100
 52 67.6 57.0 85.4
 51 32.8 27.5 41.3

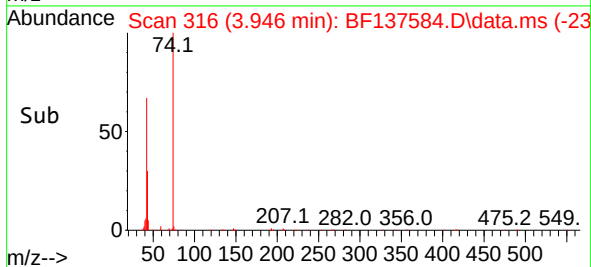
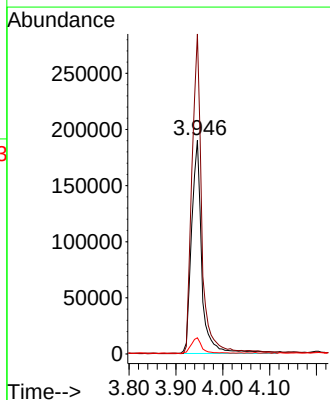
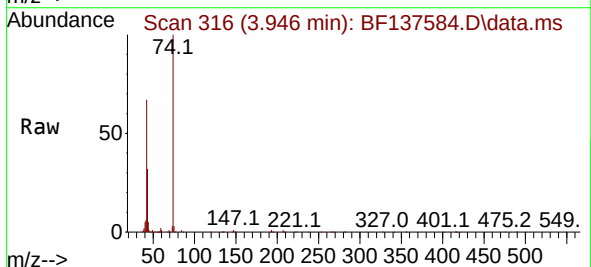
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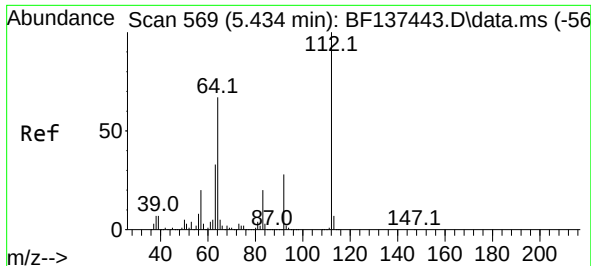
Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024



#4
 n-Nitrosodimethylamine
 Concen: 39.907 ng m
 RT: 3.946 min Scan# 316
 Delta R.T. 0.388 min
 Lab File: BF137584.D
 Acq: 13 Mar 2024 19:02

Tgt Ion: 42 Resp: 289572
 Ion Ratio Lower Upper
 42 100
 74 149.8 114.0 171.0
 44 7.6 7.0 10.4





#5
2-Fluorophenol
Concen: 104.838 ng
RT: 5.740 min Scan# 61
Delta R.T. 0.171 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

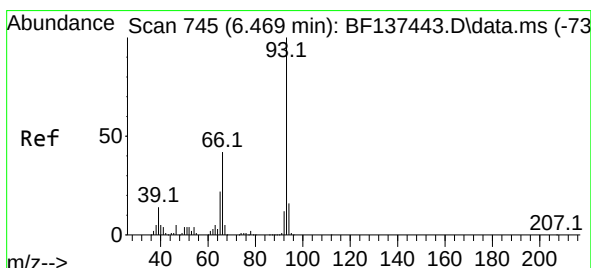
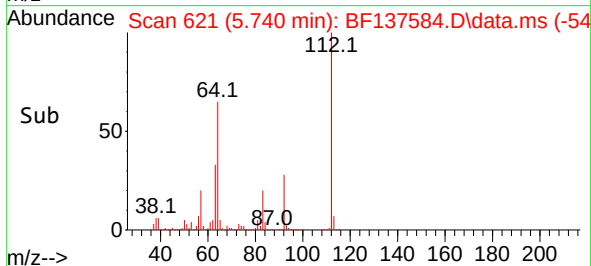
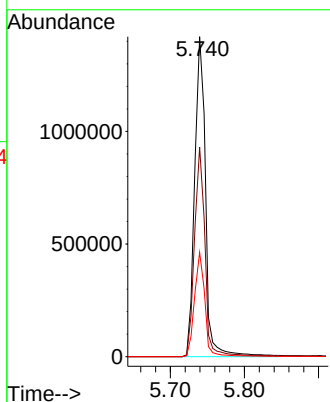
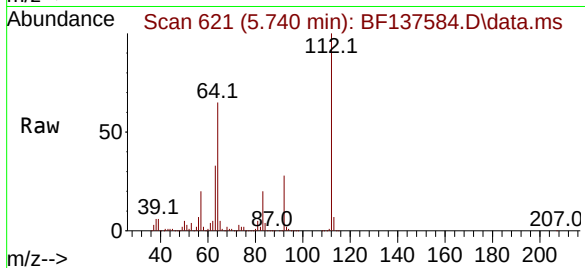
RT-3860MSD

Tgt Ion:112 Resp: 144941
Ion Ratio Lower Upper
112 100
64 65.5 53.4 80.2
63 32.6 26.2 39.2

Manual Integrations

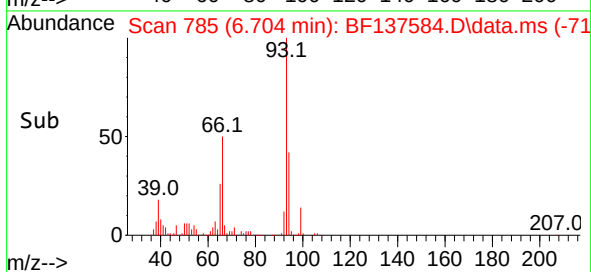
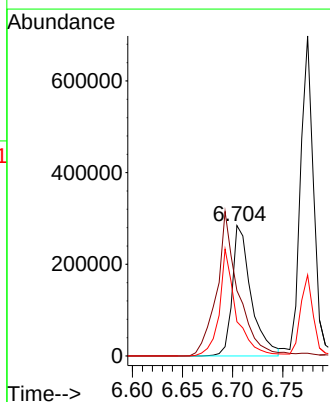
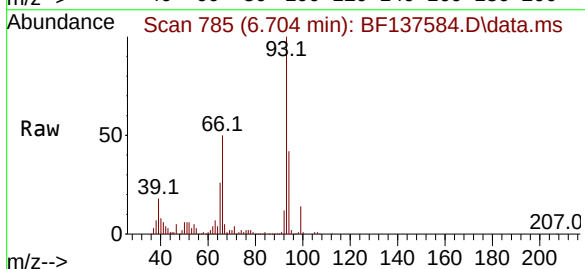
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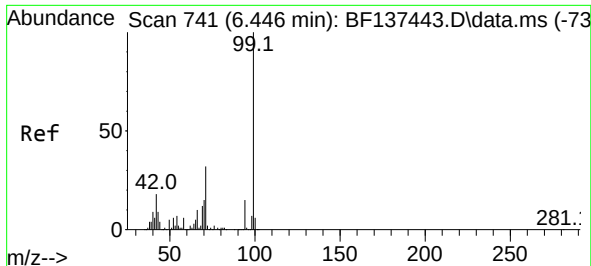
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#6
Aniline
Concen: 15.296 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.124 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Tgt Ion: 93 Resp: 372982
Ion Ratio Lower Upper
93 100
66 50.0 34.0 51.0
65 26.3 17.8 26.8





#7

Phenol-d6

Concen: 95.095 ng

RT: 6.681 min Scan# 71

Delta R.T. 0.129 min

Lab File: BF137584.D

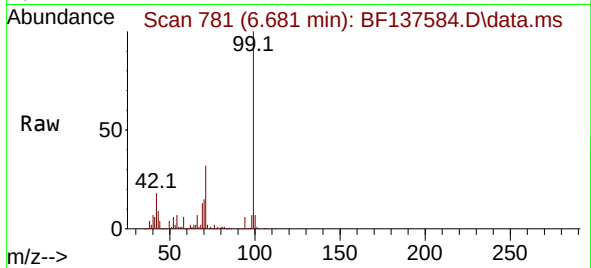
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ClientSampleId :

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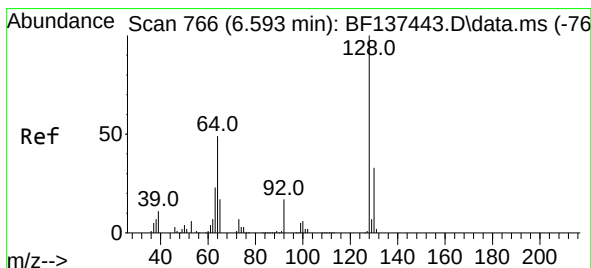
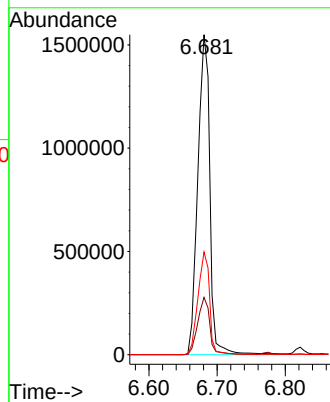
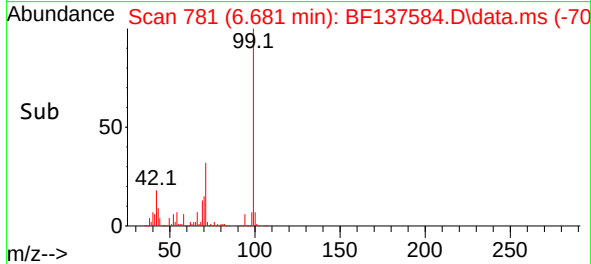
Tgt Ion: 99 Resp: 1897750

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.6	21.8
71	32.1	25.3	37.9

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.895 ng

RT: 6.822 min Scan# 805

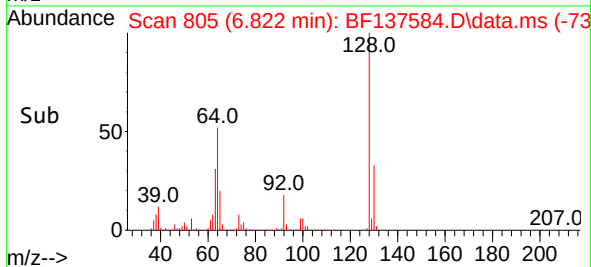
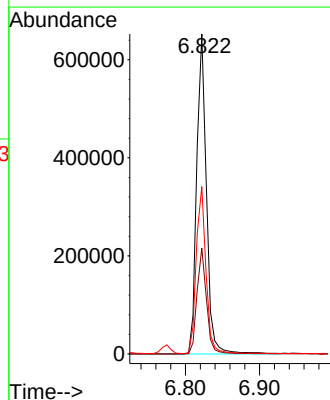
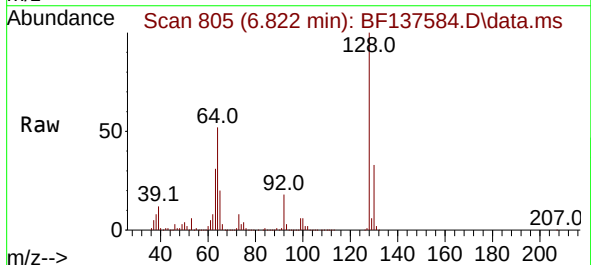
Delta R.T. 0.124 min

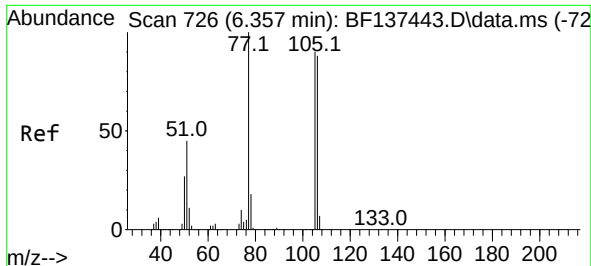
Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

Tgt Ion:128 Resp: 596336

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.4	53.4
64	52.3	30.0	70.0





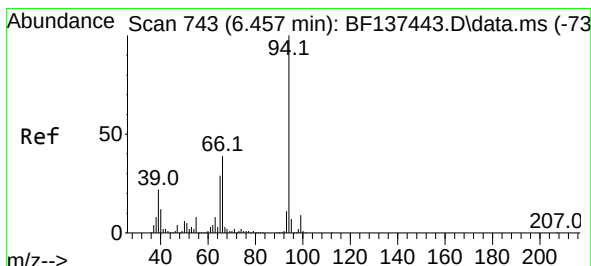
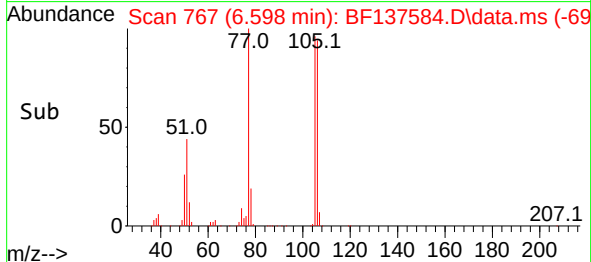
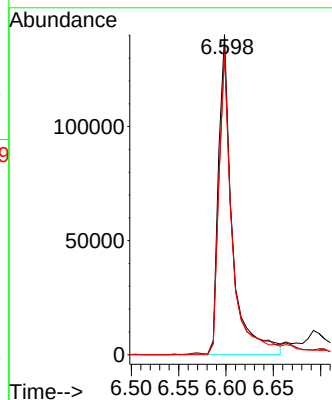
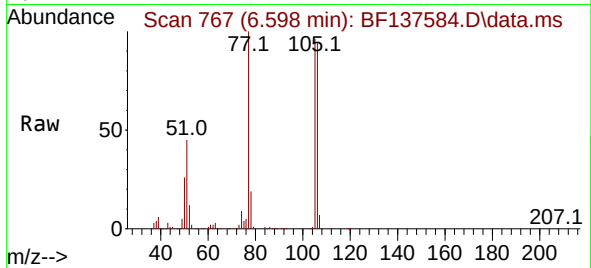
#9
Benzaldehyde
Concen: 14.490 ng
RT: 6.598 min Scan# 70
Delta R.T. 0.129 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

Tgt Ion: 77 Resp: 141660
Ion Ratio Lower Upper
77 100
105 95.6 69.8 109.8
106 93.8 67.8 107.8

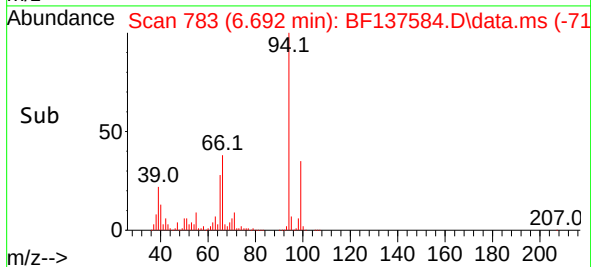
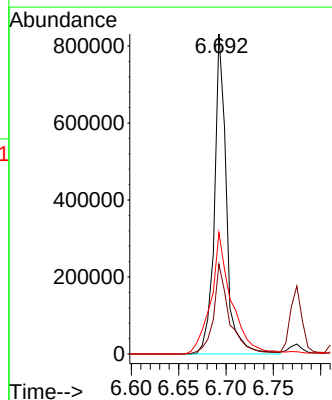
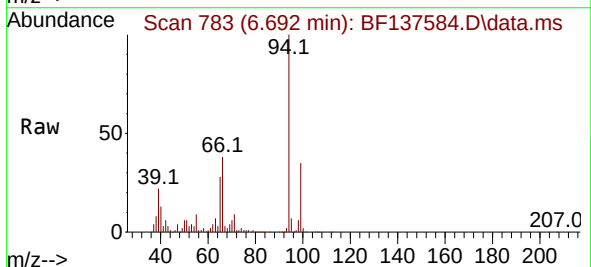
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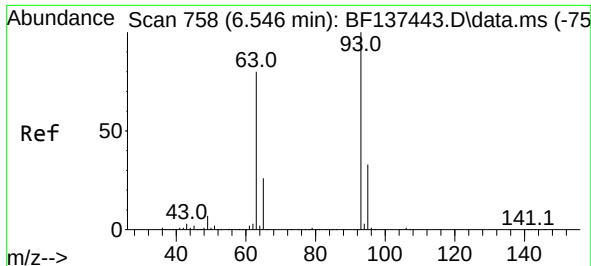
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#10
Phenol
Concen: 34.082 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.129 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Tgt Ion: 94 Resp: 732068
Ion Ratio Lower Upper
94 100
65 28.1 8.7 48.7
66 37.9 18.6 58.6





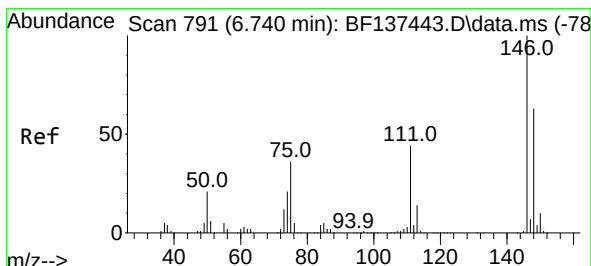
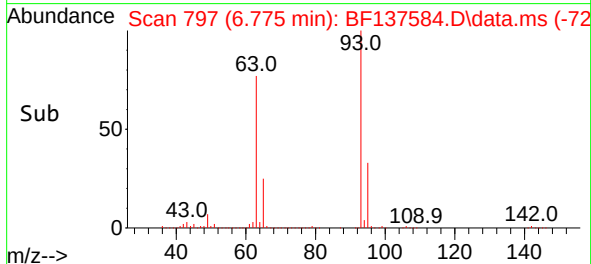
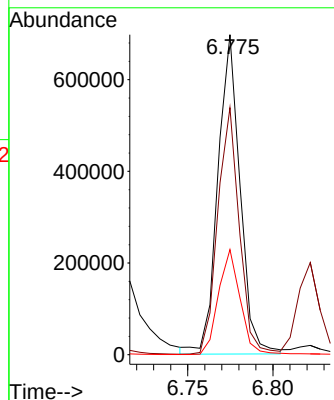
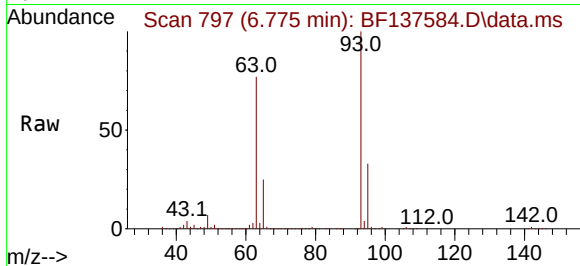
#11
bis(2-Chloroethyl)ether
Concen: 40.225 ng
RT: 6.775 min Scan# 791
Delta R.T. 0.124 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

Tgt Ion: 93 Resp: 633150
Ion Ratio Lower Upper
93 100
63 77.2 58.9 98.9
95 32.9 12.2 52.2

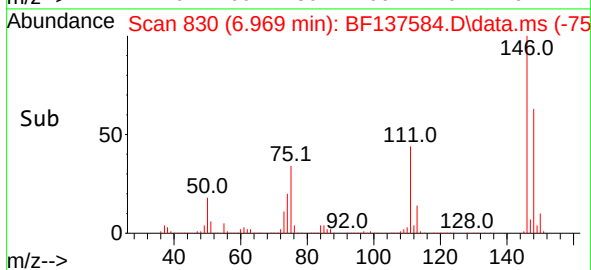
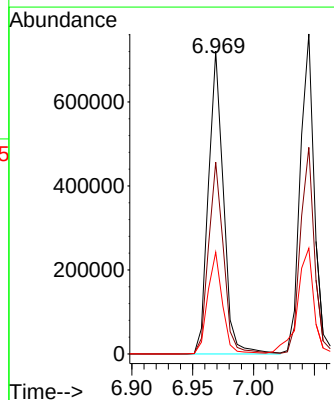
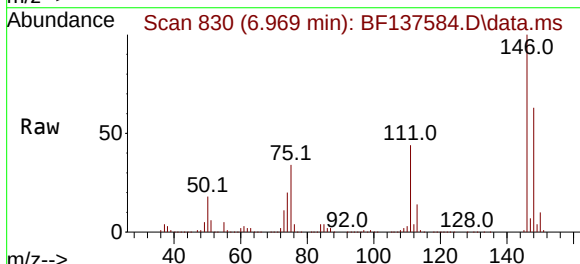
Manual Integrations
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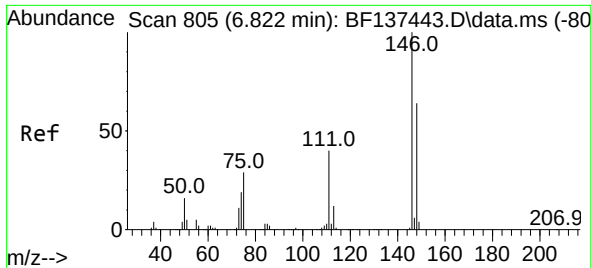
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#12
1,3-Dichlorobenzene
Concen: 39.611 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.124 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Tgt Ion:146 Resp: 617212
Ion Ratio Lower Upper
146 100
148 63.4 50.3 75.5
75 33.6 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 39.074 ng m

RT: 7.045 min Scan# 843

Delta R.T. 0.124 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

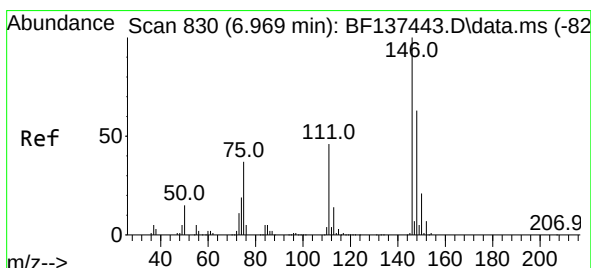
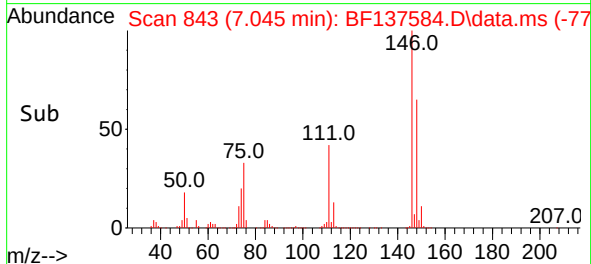
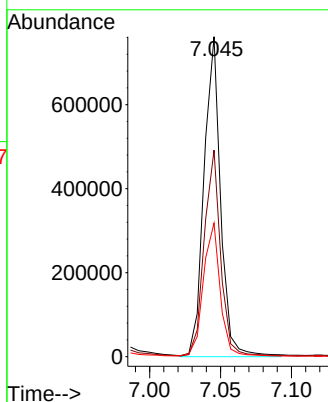
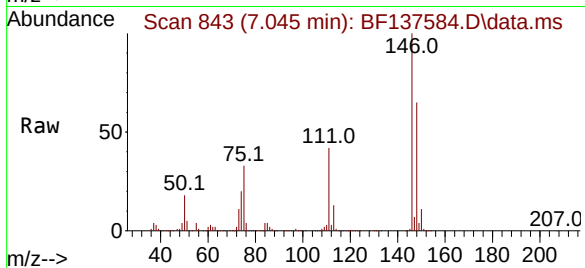
RT-3860MSD

Tgt Ion:146	Resp: 622949
Ion Ratio	Lower Upper
146	100
148	64.5 51.2 76.8
111	41.8 32.4 48.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#14

1,2-Dichlorobenzene

Concen: 40.967 ng m

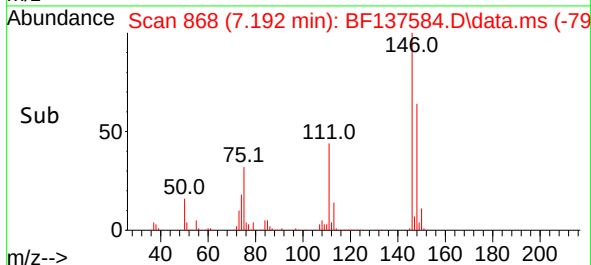
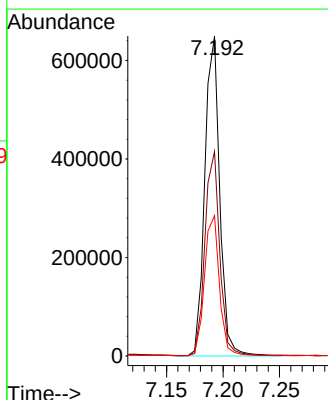
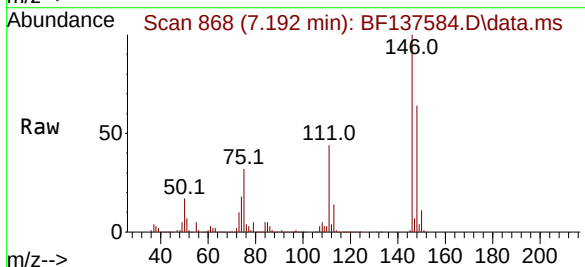
RT: 7.192 min Scan# 868

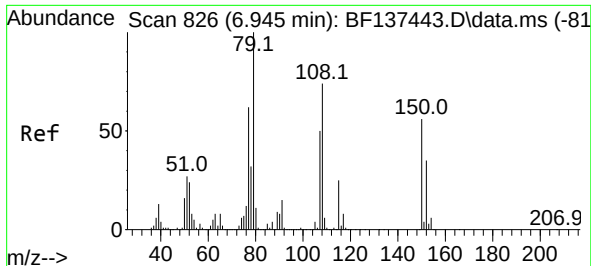
Delta R.T. 0.118 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

Tgt Ion:146	Resp: 599486
Ion Ratio	Lower Upper
146	100
148	63.9 50.0 75.0
111	43.8 36.8 55.2





#15
Benzyl Alcohol
Concen: 44.279 ng
RT: 7.169 min Scan# 80
Delta R.T. 0.118 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

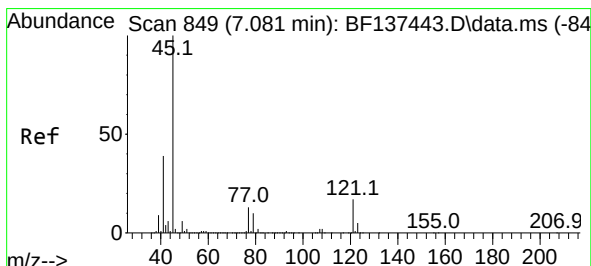
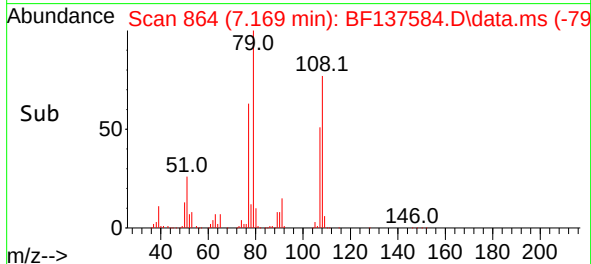
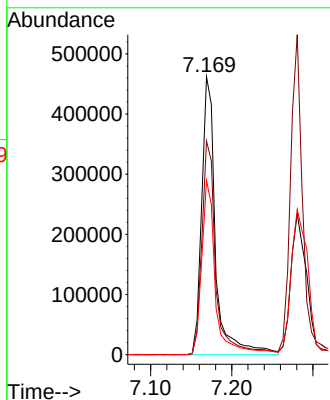
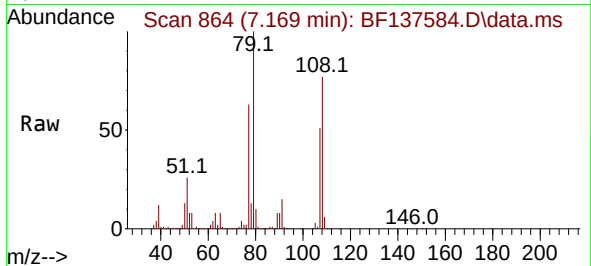
ClientSampleId :

RT-3860MSD

Tgt Ion: 79 Resp: 55012
Ion Ratio Lower Upper
79 100
108 76.8 59.5 89.3
77 62.6 50.0 75.0

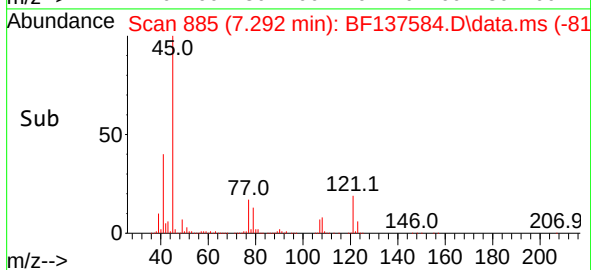
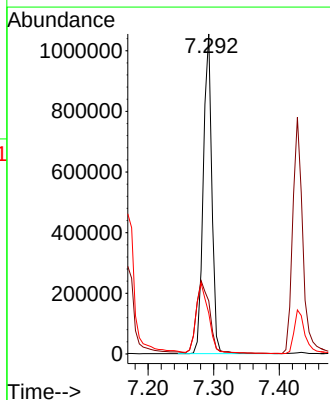
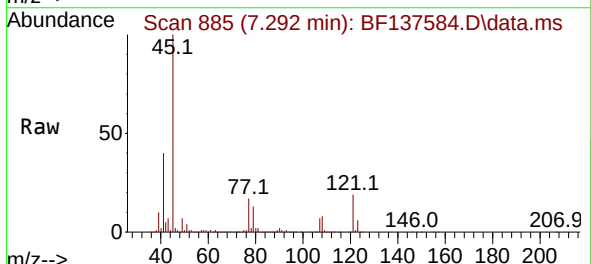
Manual Integrations
APPROVED

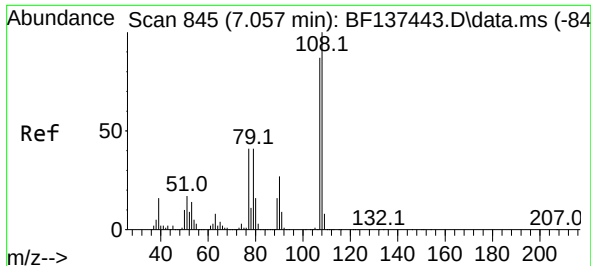
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.477 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Tgt Ion: 45 Resp: 959887
Ion Ratio Lower Upper
45 100
77 16.6 0.0 33.4
79 12.8 0.0 30.9





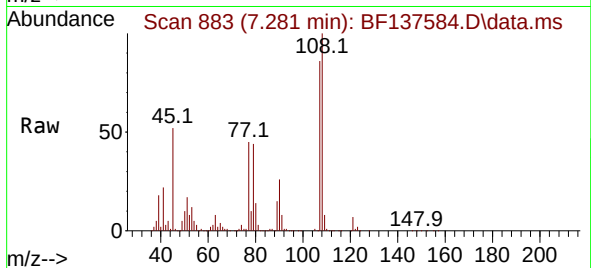
#17
2-Methylphenol
Concen: 34.801 ng
RT: 7.281 min Scan# 811
Delta R.T. 0.118 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

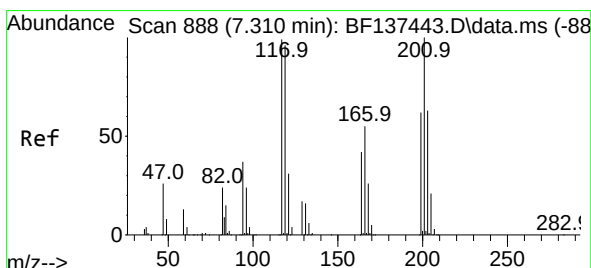
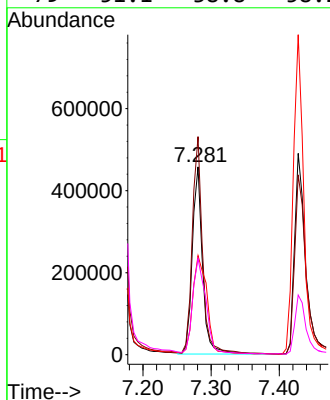
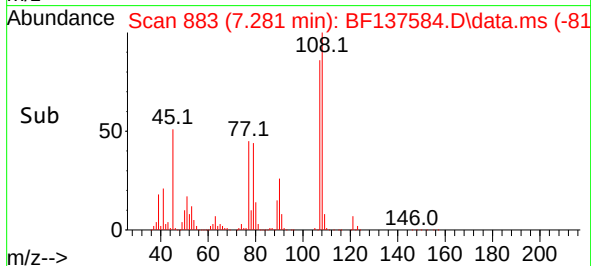


Tgt Ion:107 Resp: 47486
Ion Ratio Lower Upper
107 100
108 116.1 92.2 138.4
77 52.7 38.6 57.8
79 51.1 38.8 58.2

Manual Integrations

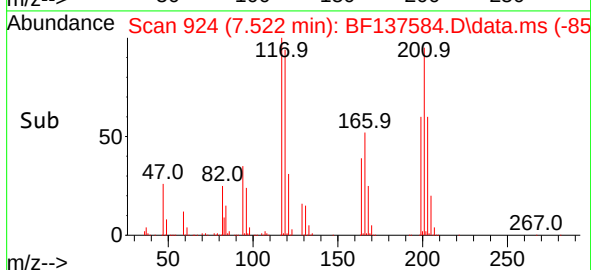
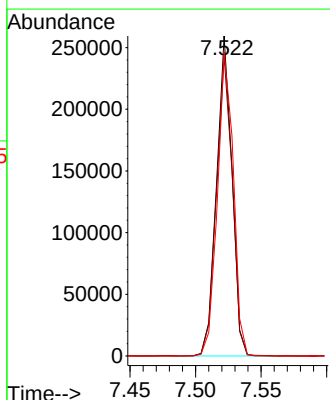
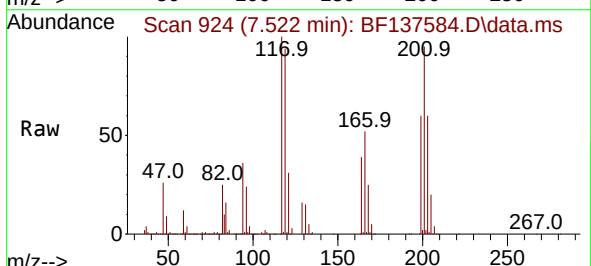
APPROVED

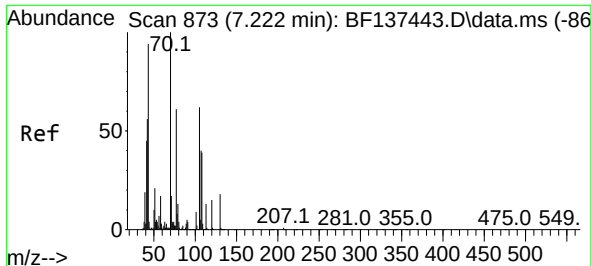
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#18
Hexachloroethane
Concen: 40.450 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.118 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

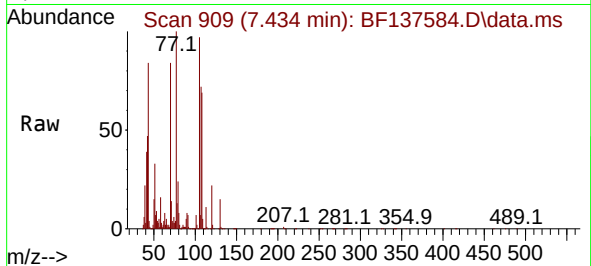
Tgt Ion:117 Resp: 212341
Ion Ratio Lower Upper
117 100
119 93.8 77.5 116.3
201 95.1 80.6 121.0





#19
n-Nitroso-di-n-propylamine
Concen: 37.181 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

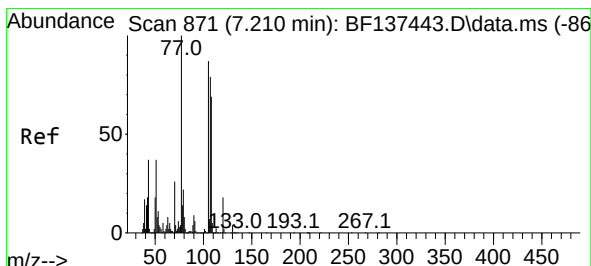
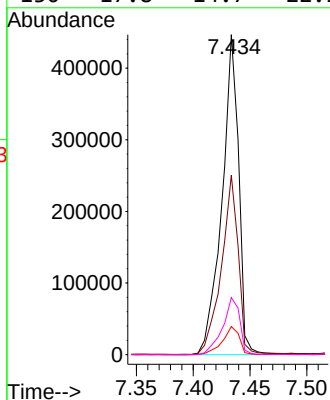
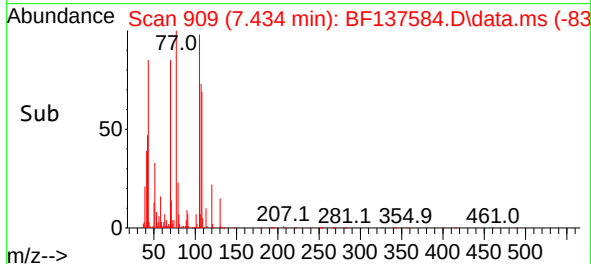
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



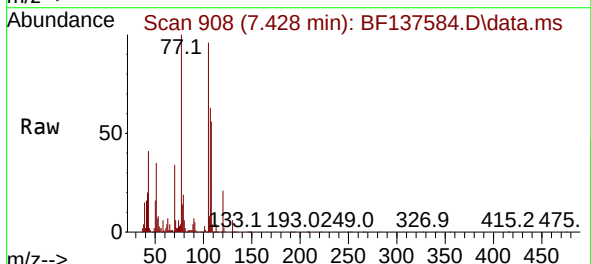
Tgt Ion: 70 Resp: 45819
Ion Ratio Lower Upper
70 100
42 56.1 45.2 67.8
101 8.8 7.3 10.9
130 17.8 14.7 22.1

Manual Integrations
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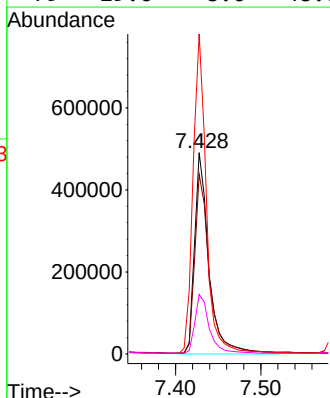
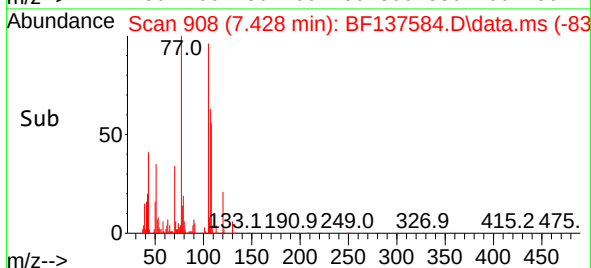
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

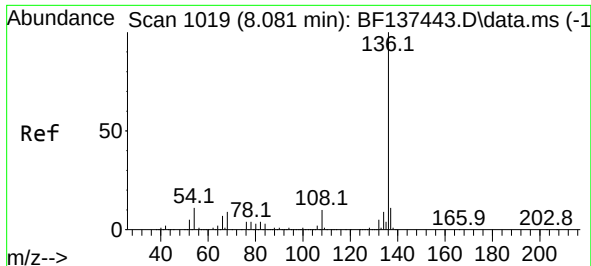


#20
3+4-Methylphenols
Concen: 37.008 ng m
RT: 7.428 min Scan# 908
Delta R.T. 0.118 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02



Tgt Ion:107 Resp: 578332
Ion Ratio Lower Upper
107 100
108 89.4 67.6 107.6
77 159.0 107.1 147.1#
79 29.6 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 1019
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

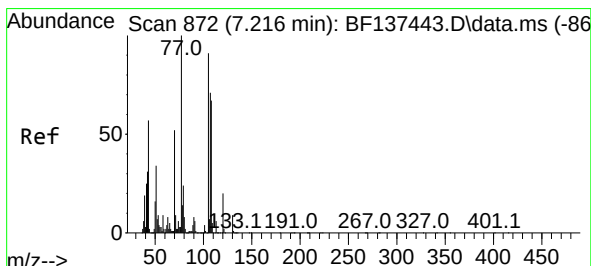
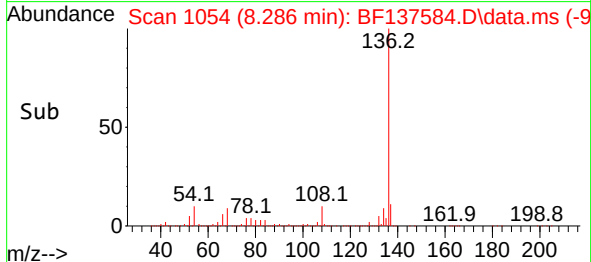
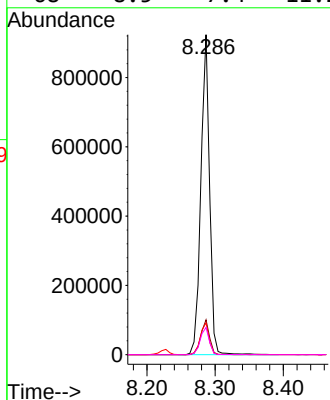
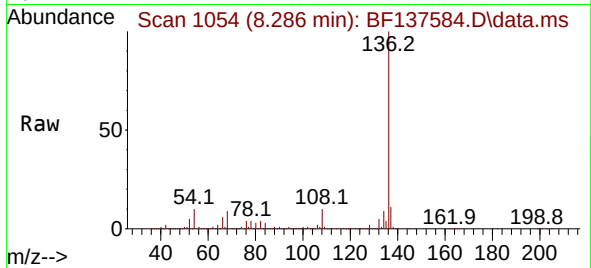
ClientSampleId :

RT-3860MSD

Tgt Ion:136 Resp: 822307
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.0 8.5 12.7
68 8.5 7.4 11.2

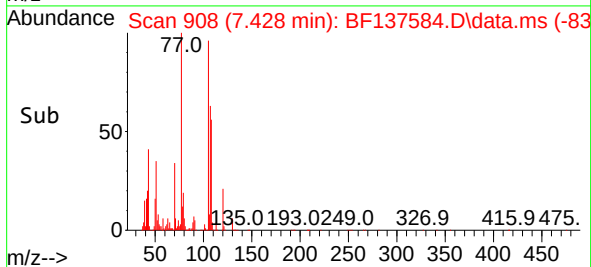
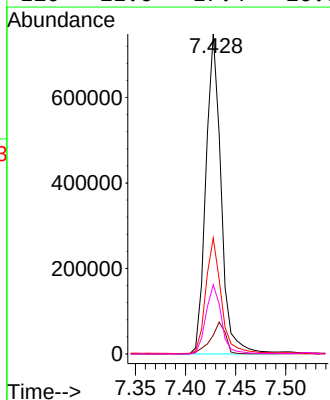
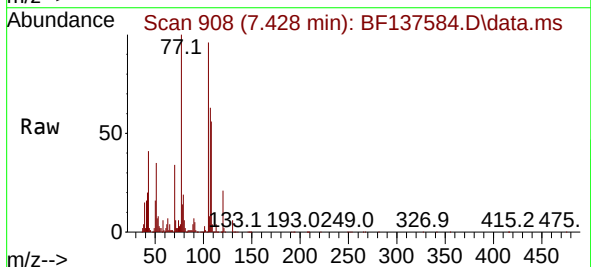
Manual Integrations
APPROVED

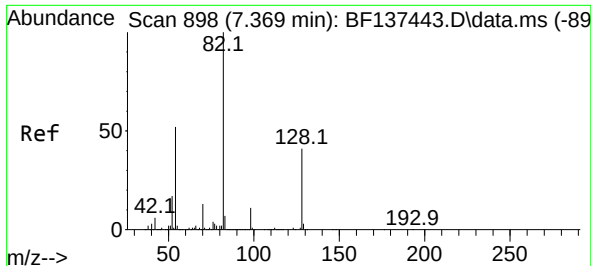
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#22
Acetophenone
Concen: 40.017 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Tgt Ion:105 Resp: 796181
Ion Ratio Lower Upper
105 100
71 5.8 7.7 11.5#
51 36.3 30.4 45.6
120 21.6 17.4 26.0





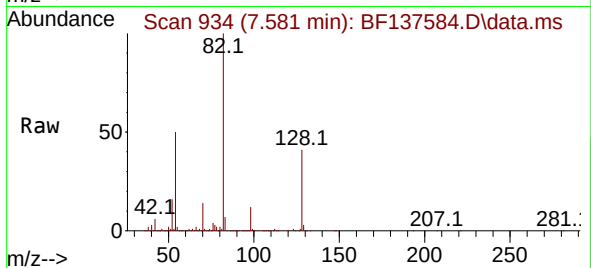
#23
Nitrobenzene-d5
Concen: 76.154 ng
RT: 7.581 min Scan# 91
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

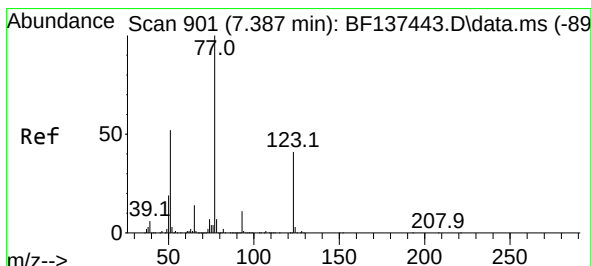
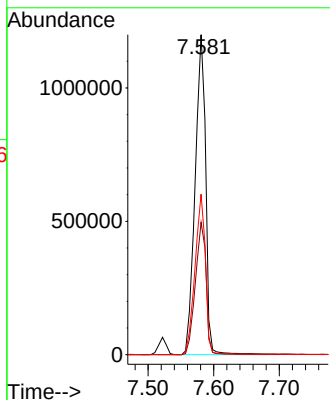
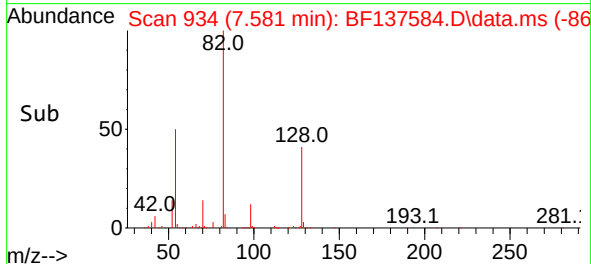


Tgt Ion: 82 Resp: 134774
Ion Ratio Lower Upper
82 100
128 41.3 32.5 48.7
54 50.1 41.5 62.3

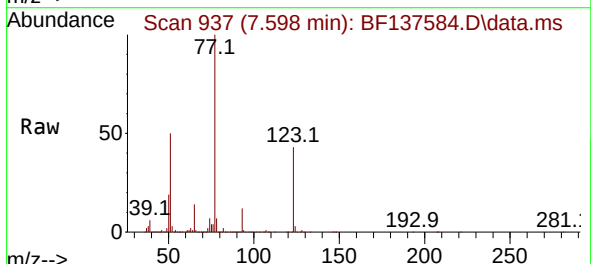
Manual Integrations

APPROVED

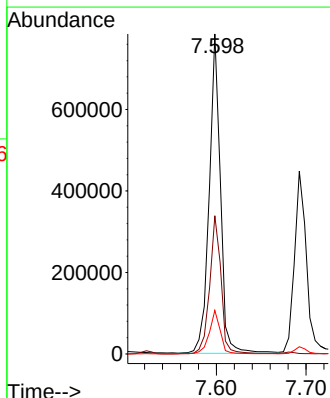
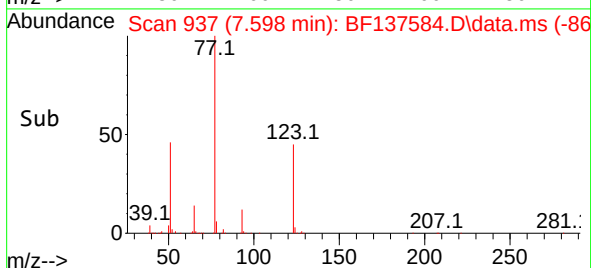
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

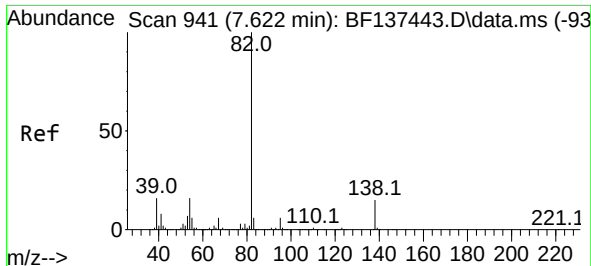


#24
Nitrobenzene
Concen: 38.434 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02



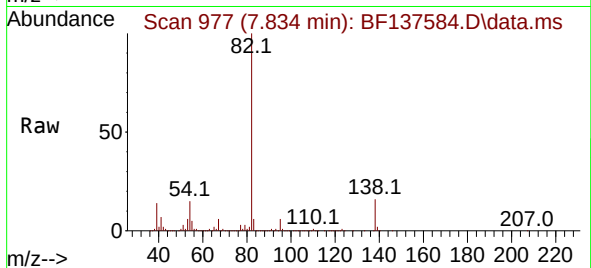
Tgt Ion: 77 Resp: 683291
Ion Ratio Lower Upper
77 100
123 43.2 33.0 49.6
65 13.6 10.9 16.3





#25
Isophorone
Concen: 38.646 ng
RT: 7.834 min Scan# 91
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

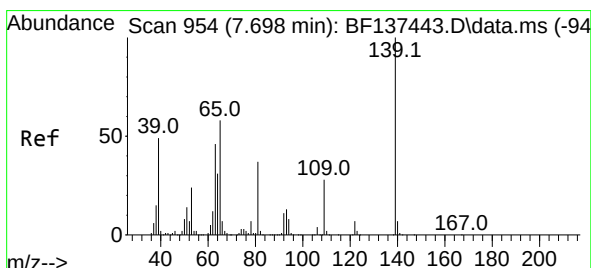
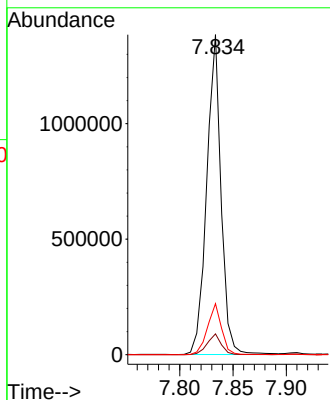
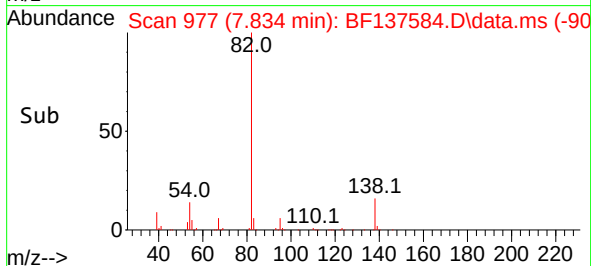
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



Tgt Ion: 82 Resp: 129937
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 16.0 11.8 17.8

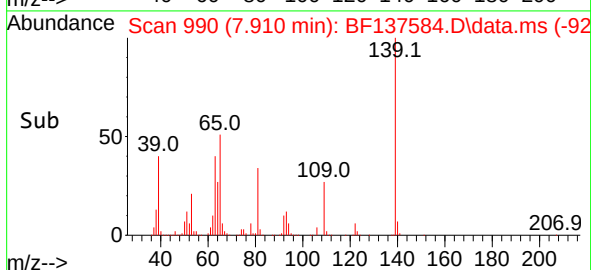
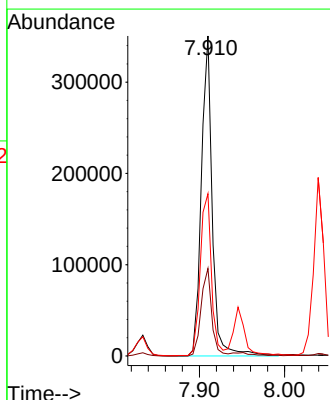
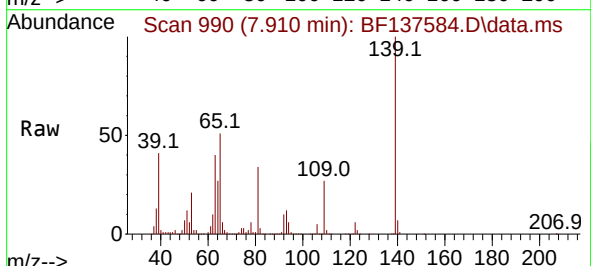
Manual Integrations
APPROVED

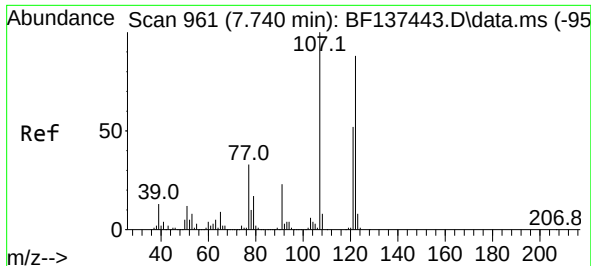
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#26
2-Nitrophenol
Concen: 44.278 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Tgt Ion:139 Resp: 312523
Ion Ratio Lower Upper
139 100
109 27.4 22.2 33.4
65 50.7 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 32.766 ng

RT: 7.945 min Scan# 90

Delta R.T. 0.112 min

Lab File: BF137584.D

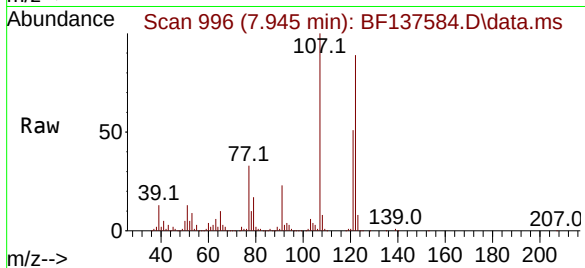
Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

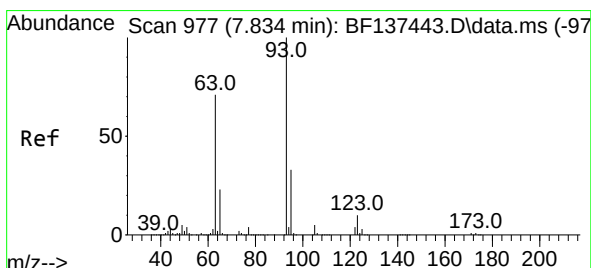
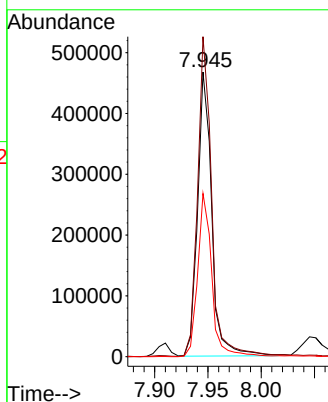
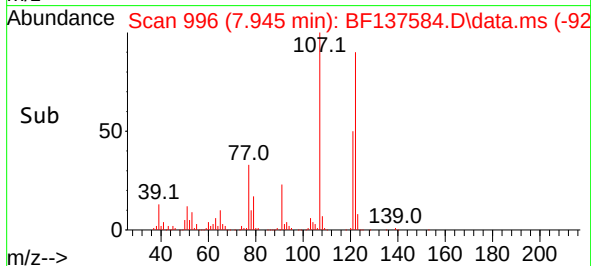


Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.4	90.9	136.3
121	57.3	47.0	70.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#28

bis(2-Chloroethoxy)methane

Concen: 39.808 ng

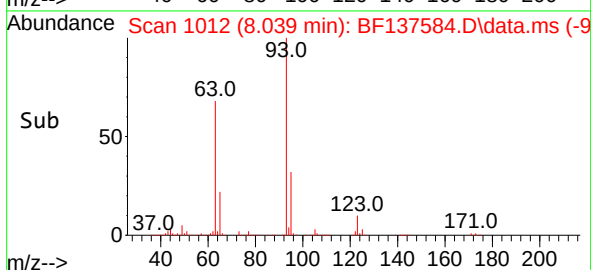
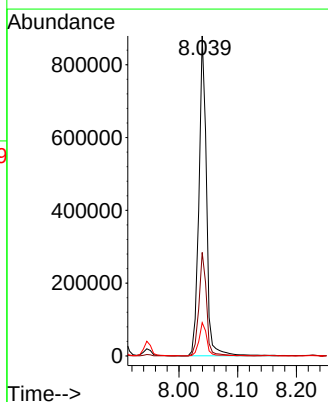
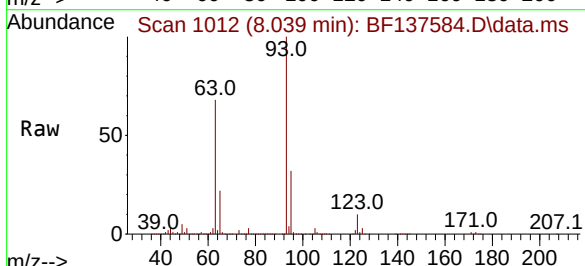
RT: 8.039 min Scan# 1012

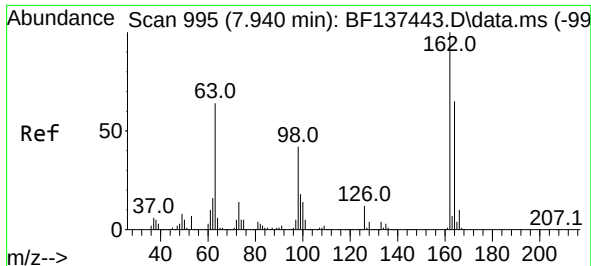
Delta R.T. 0.106 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.5	39.7
123	10.4	8.0	12.0





#29

2,4-Dichlorophenol

Concen: 42.253 ng

RT: 8.145 min Scan# 1030

Delta R.T. 0.106 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

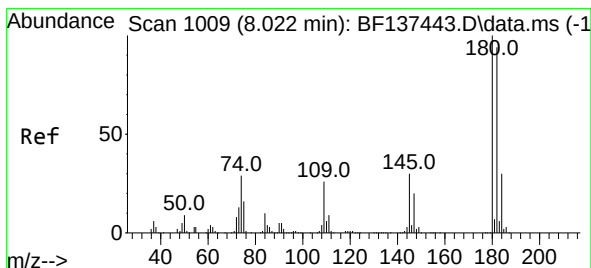
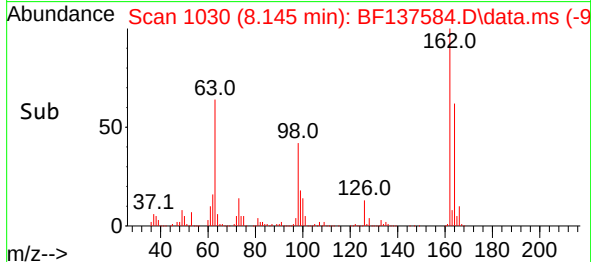
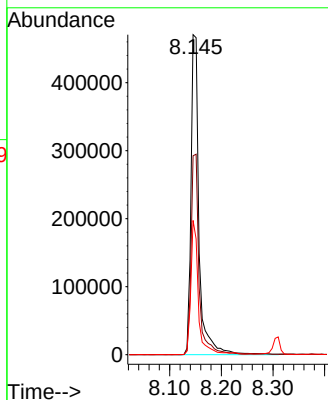
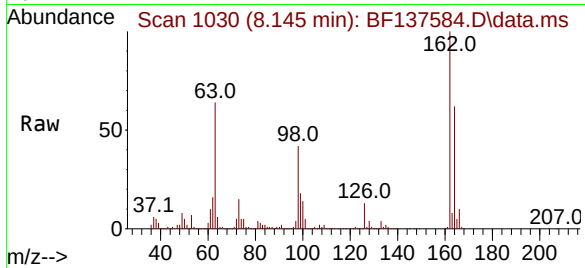
RT-3860MSD

Tgt Ion:162 Resp: 511435
 Ion Ratio Lower Upper
 162 100
 164 62.1 44.7 84.7
 98 41.9 22.0 62.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.609 ng

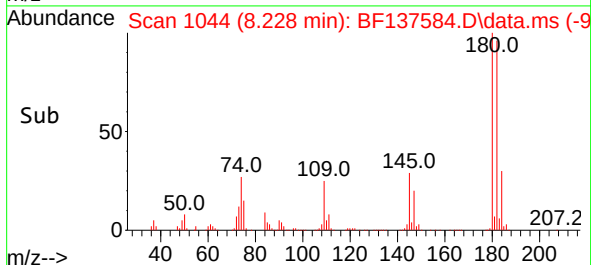
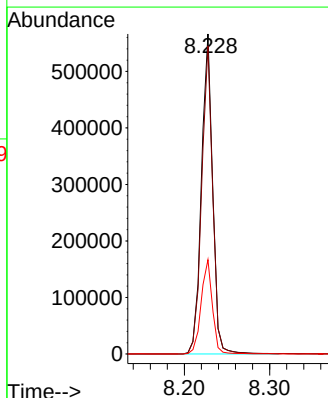
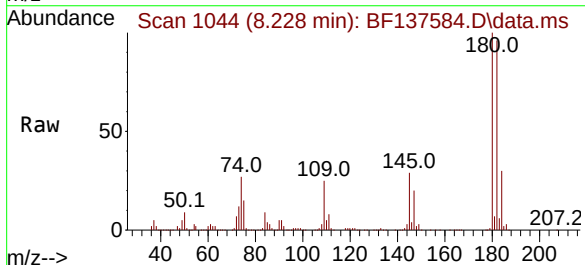
RT: 8.228 min Scan# 1044

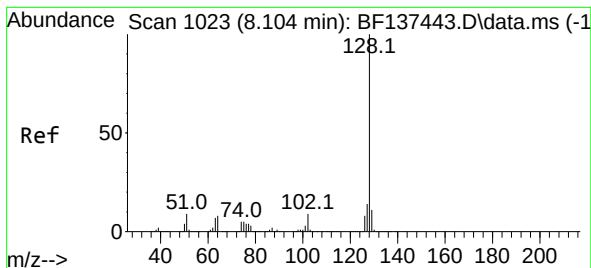
Delta R.T. 0.112 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

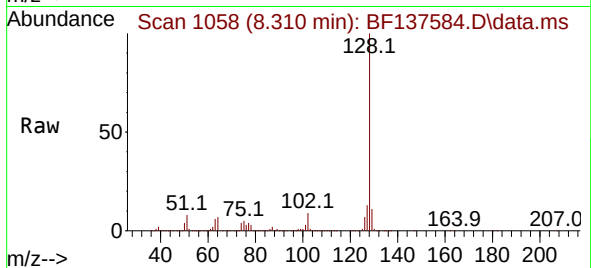
Tgt Ion:180 Resp: 517269
 Ion Ratio Lower Upper
 180 100
 182 96.3 75.0 112.6
 145 29.5 23.7 35.5





#31
Naphthalene
Concen: 39.256 ng
RT: 8.310 min Scan# 1013
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

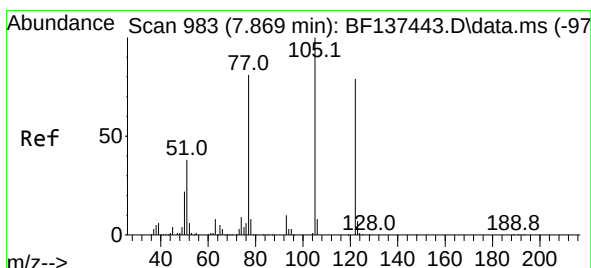
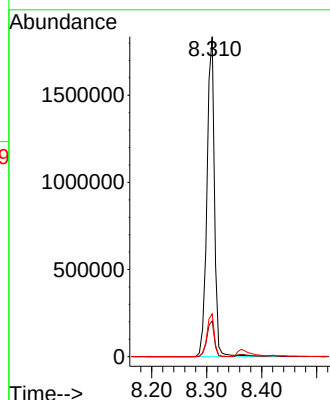
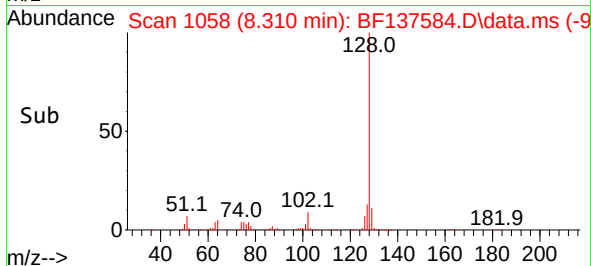
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



Tgt Ion:128 Resp: 173197
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.4 10.8 16.2

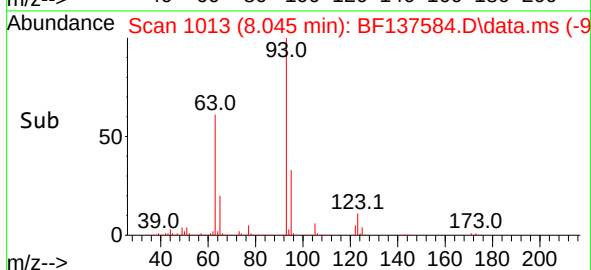
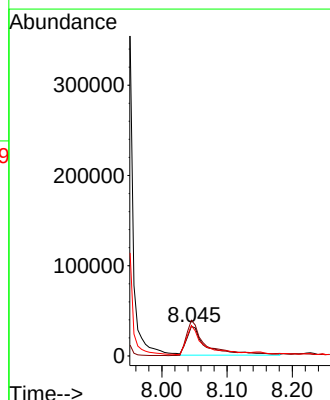
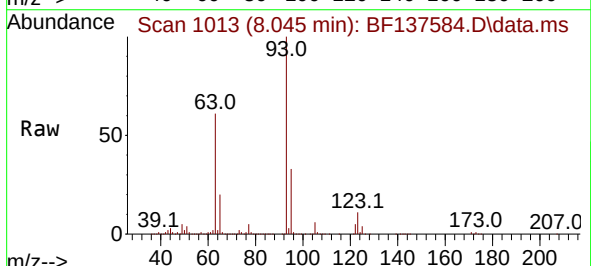
Manual Integrations
APPROVED

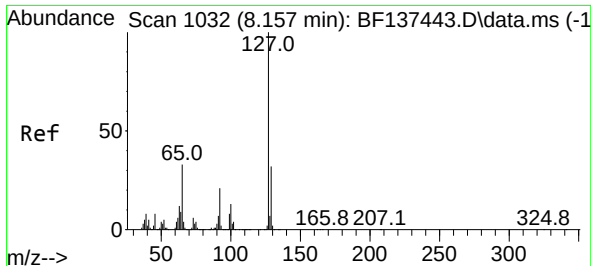
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#32
Benzoic acid
Concen: 14.027 ng m
RT: 8.045 min Scan# 1013
Delta R.T. 0.077 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Tgt Ion:122 Resp: 67562
Ion Ratio Lower Upper
122 100
105 120.6 102.4 142.4
77 102.6 81.1 121.1





#33
4-Chloroaniline
Concen: 3.847 ng
RT: 8.363 min Scan# 1067
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

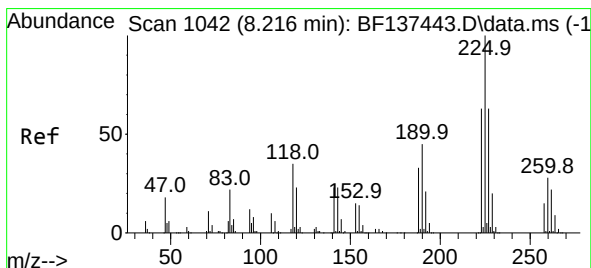
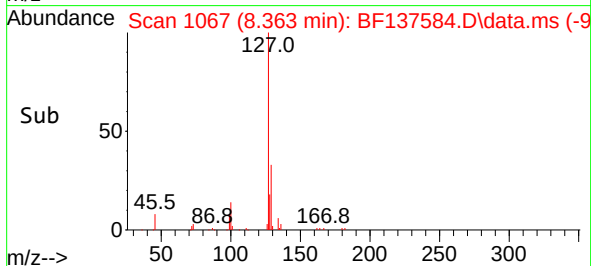
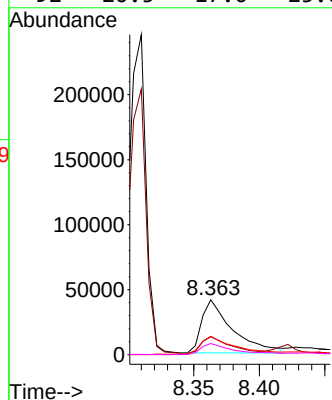
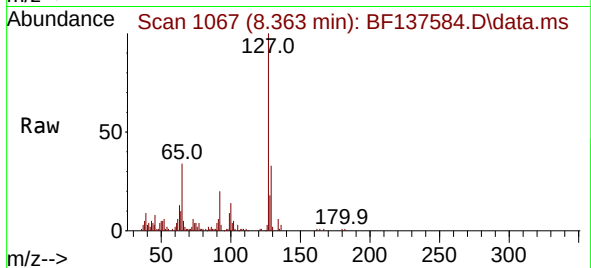
RT-3860MSD

Tgt Ion:127 Resp: 66550
Ion Ratio Lower Upper
127 100
129 32.7 26.0 39.0
65 33.6 26.8 40.2
92 20.5 17.0 25.6

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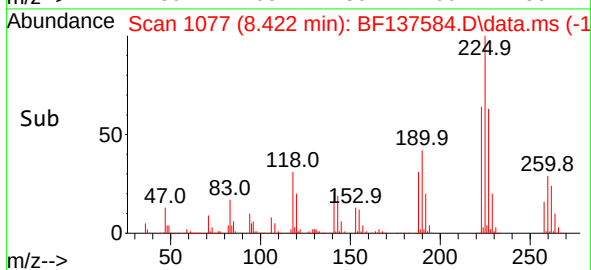
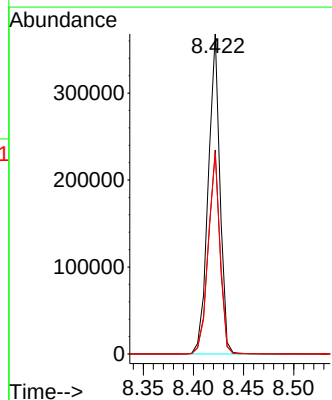
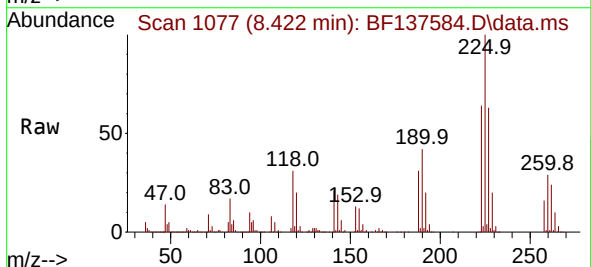
APPROVED

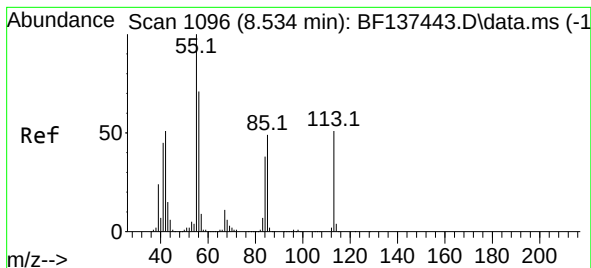
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#34
Hexachlorobutadiene
Concen: 39.945 ng
RT: 8.422 min Scan# 1077
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Tgt Ion:225 Resp: 300387
Ion Ratio Lower Upper
225 100
223 63.8 50.7 76.1
227 62.6 50.6 75.8





#35

Caprolactam

Concen: 38.130 ng m

RT: 8.733 min Scan# 1110

Delta R.T. 0.106 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

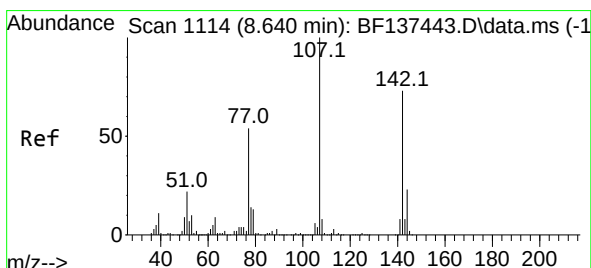
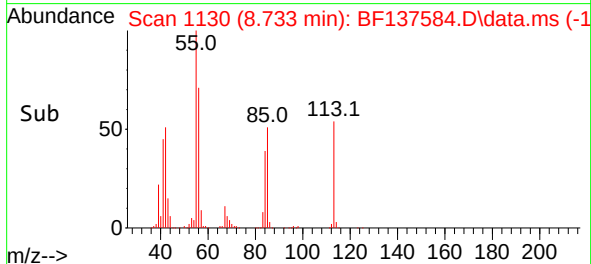
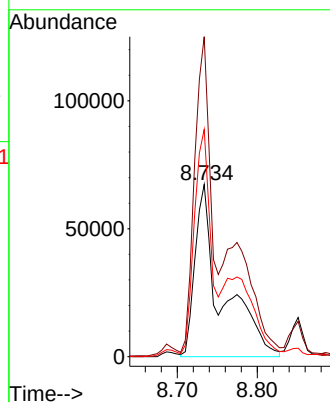
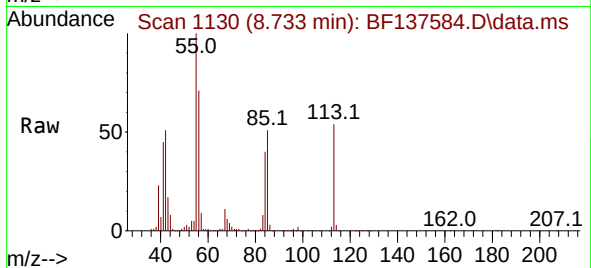
RT-3860MSD

Tgt Ion:113	Resp: 156498
Ion Ratio	Lower Upper
113	100
55	185.9 176.7 216.7
56	131.9 120.6 160.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#36

4-Chloro-3-methylphenol

Concen: 42.487 ng

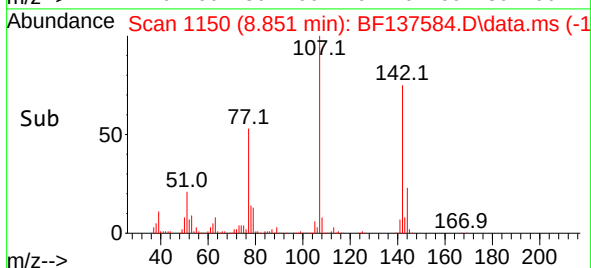
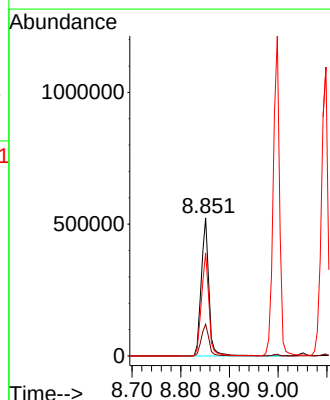
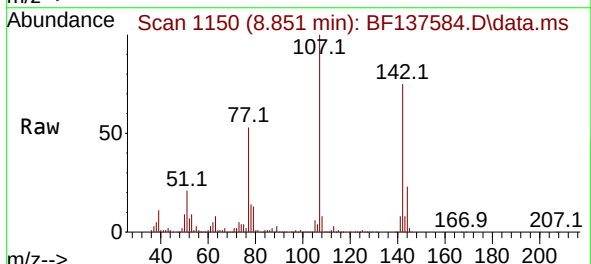
RT: 8.851 min Scan# 1150

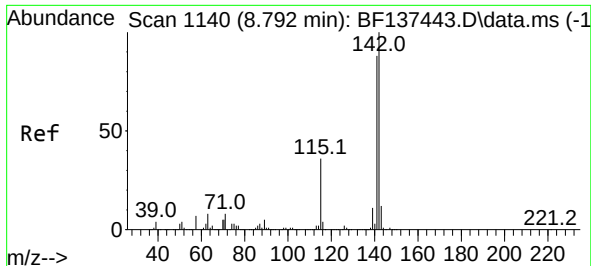
Delta R.T. 0.118 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

Tgt Ion:107	Resp: 574840
Ion Ratio	Lower Upper
107	100
144	22.9 18.7 28.1
142	74.6 58.2 87.2





#37

2-Methylnaphthalene

Concen: 38.506 ng

RT: 8.998 min Scan# 1118

Delta R.T. 0.112 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:142 Resp: 1083018

Ion Ratio Lower Upper

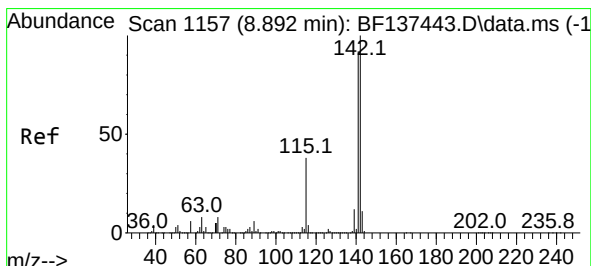
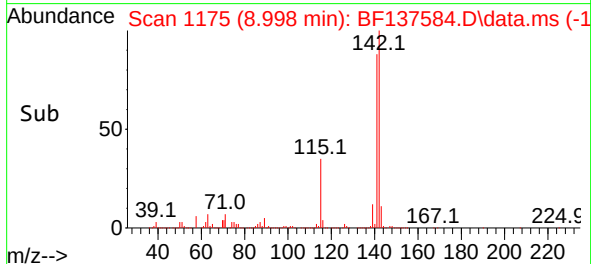
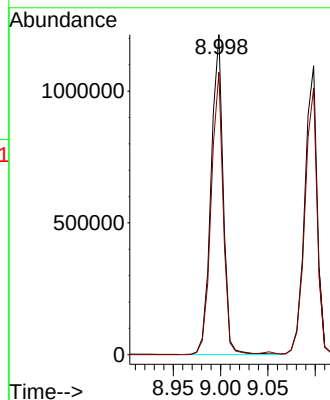
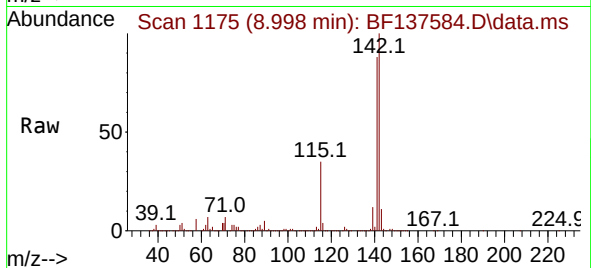
142 100

141 88.2 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#38

1-Methylnaphthalene

Concen: 37.907 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.112 min

Lab File: BF137584.D

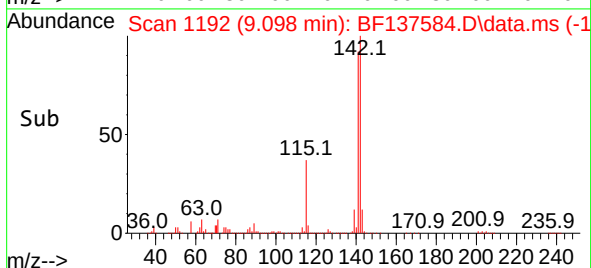
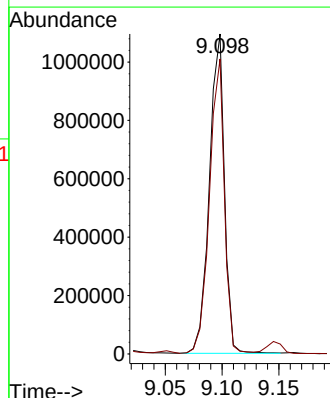
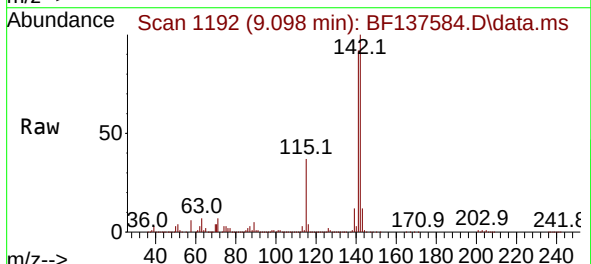
Acq: 13 Mar 2024 19:02

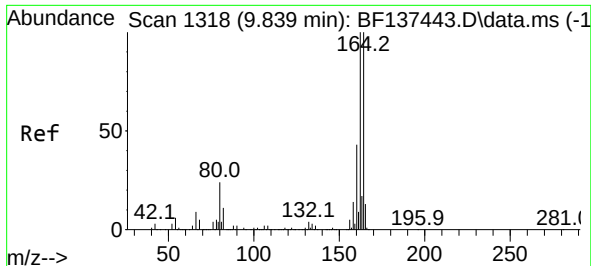
Tgt Ion:142 Resp: 1004047

Ion Ratio Lower Upper

142 100

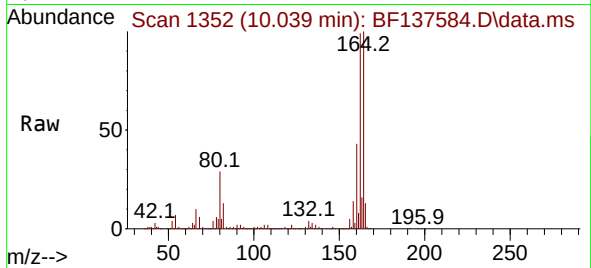
141 92.2 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.106 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

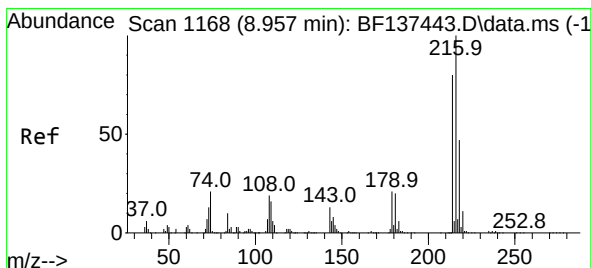
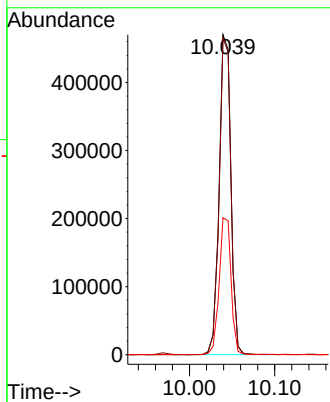
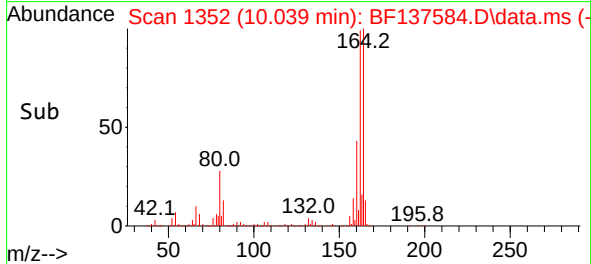
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



Tgt Ion:164 Resp: 448940
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.8
160 42.8 34.4 51.6

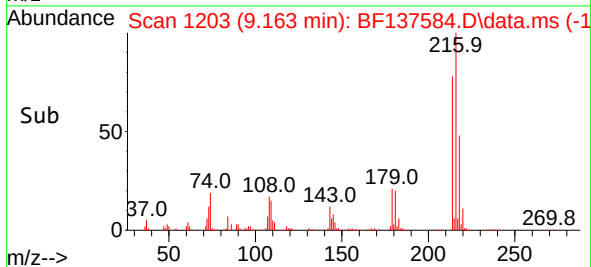
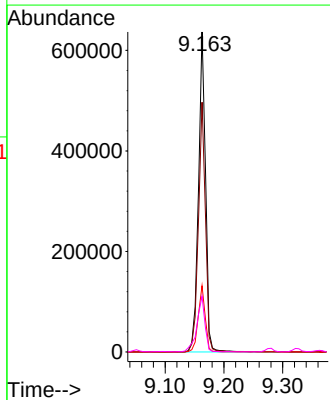
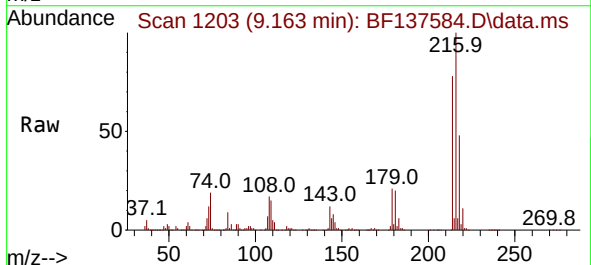
Manual Integrations
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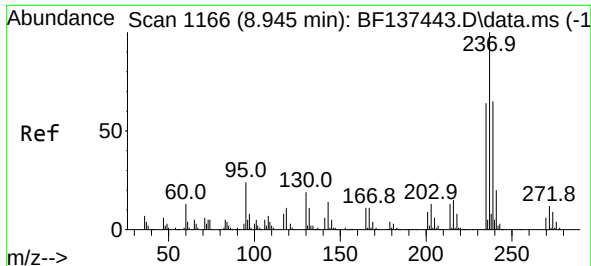
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.531 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.106 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

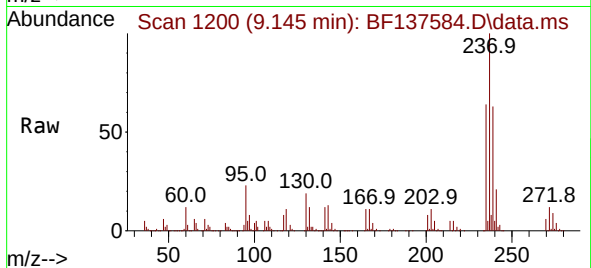
Tgt Ion:216 Resp: 533066
Ion Ratio Lower Upper
216 100
214 78.1 63.5 95.3
179 20.6 16.6 25.0
108 19.8 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 68.173 ng
RT: 9.145 min Scan# 1166
Delta R.T. 0.106 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

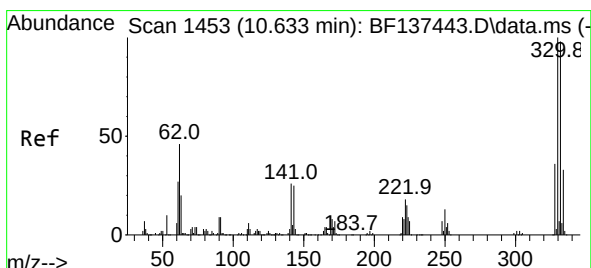
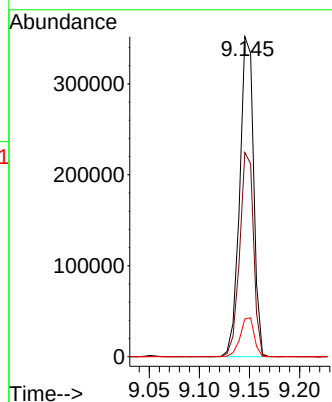
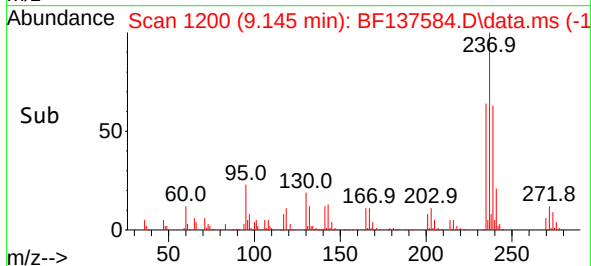
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



Tgt Ion:237 Resp: 341744
Ion Ratio Lower Upper
237 100
235 63.8 43.6 83.6
272 11.8 0.0 31.9

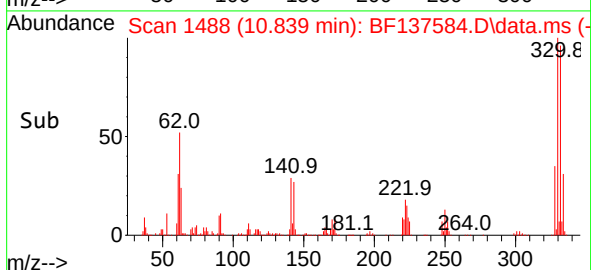
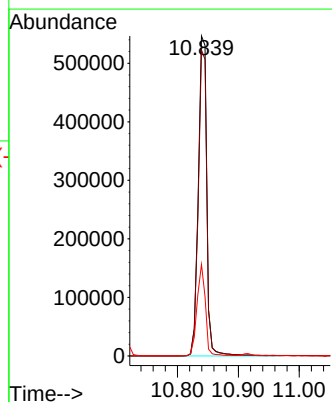
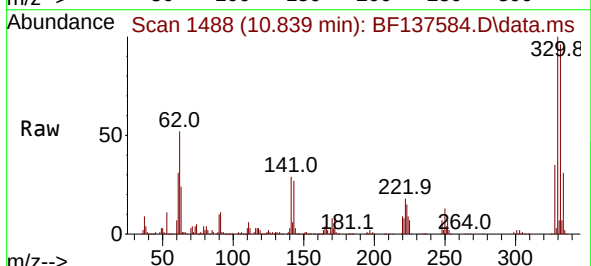
Manual Integrations
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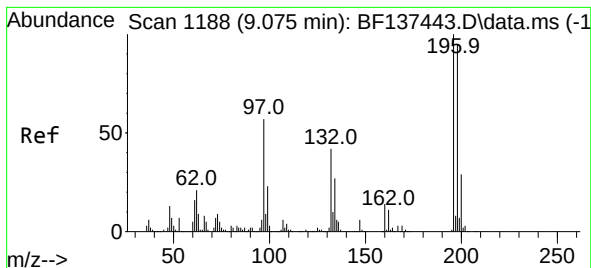
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#42
2,4,6-Tribromophenol
Concen: 135.073 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.106 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Tgt Ion:330 Resp: 532530
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 27.9 27.3 40.9





#43

2,4,6-Trichlorophenol

Concen: 44.250 ng

RT: 9.281 min Scan# 1188

Delta R.T. 0.112 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:196 Resp: 361160

Ion Ratio Lower Upper

196 100

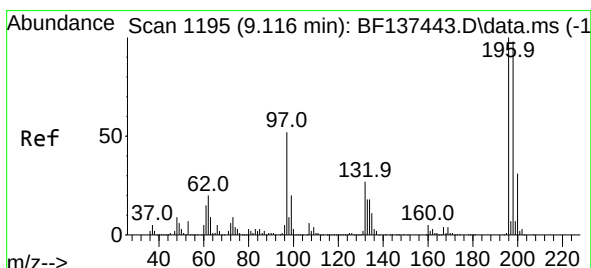
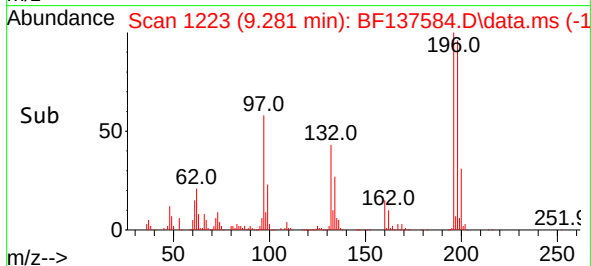
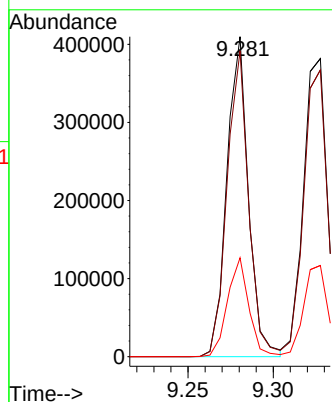
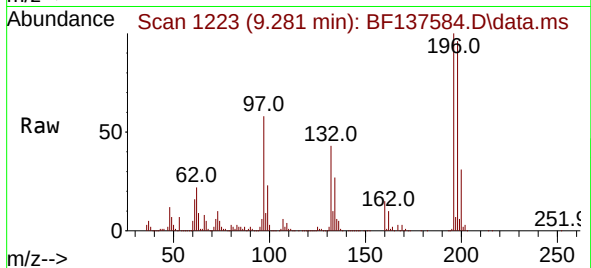
198 95.6 75.8 113.8

200 30.9 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#44

2,4,5-Trichlorophenol

Concen: 40.550 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.118 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

Tgt Ion:196 Resp: 381251

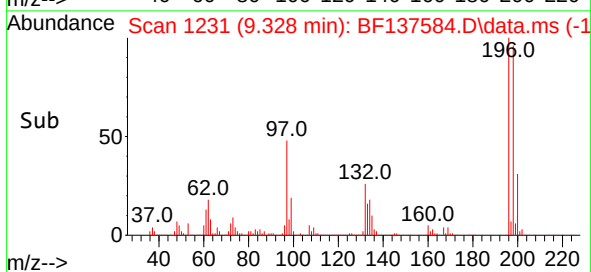
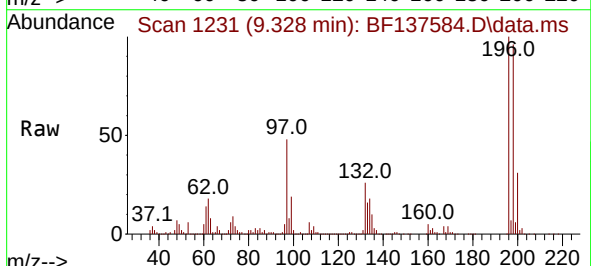
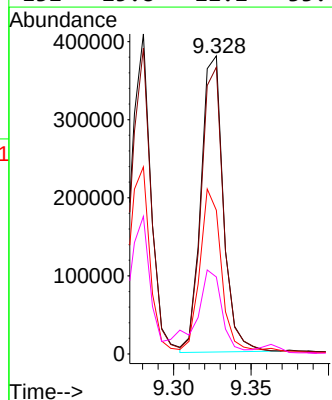
Ion Ratio Lower Upper

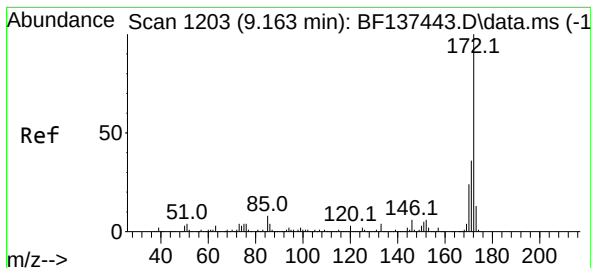
196 100

198 96.2 78.6 117.8

97 48.2 41.8 62.8

132 25.8 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 76.155 ng

RT: 9.363 min Scan# 1203

Delta R.T. 0.106 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:172 Resp: 2184119

Ion Ratio Lower Upper

172 100

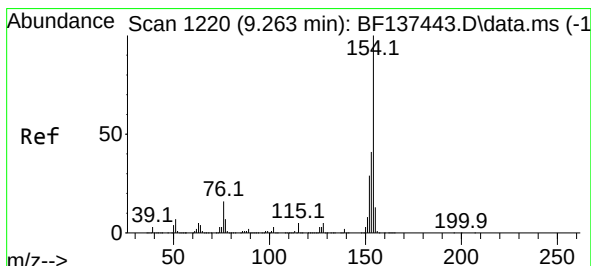
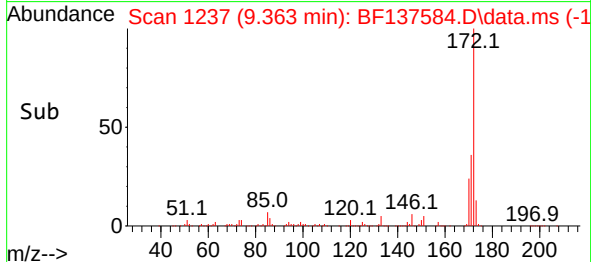
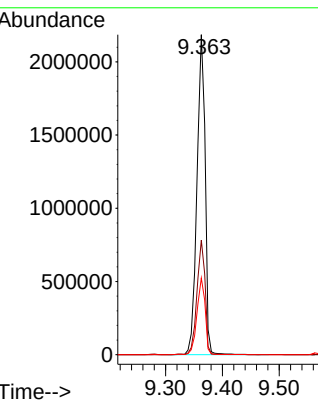
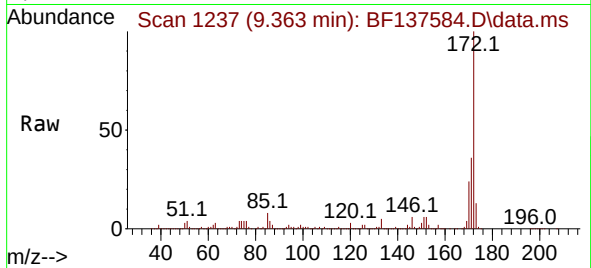
171 35.8 28.5 42.7

170 24.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#46

1,1'-Biphenyl

Concen: 41.015 ng

RT: 9.463 min Scan# 1254

Delta R.T. 0.106 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

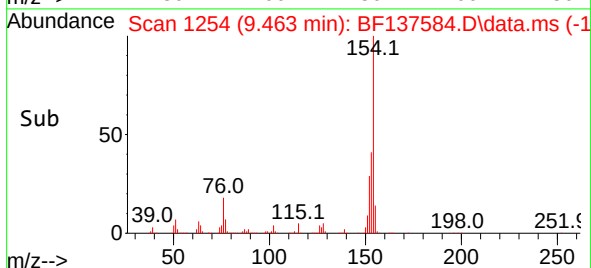
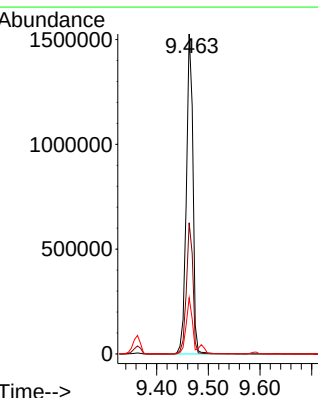
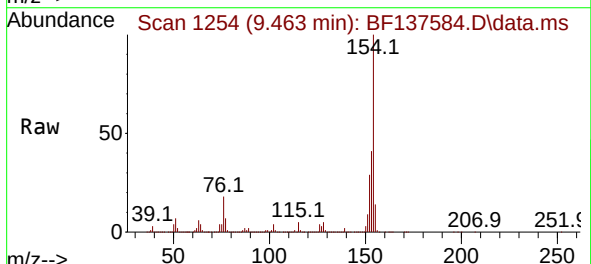
Tgt Ion:154 Resp: 1347703

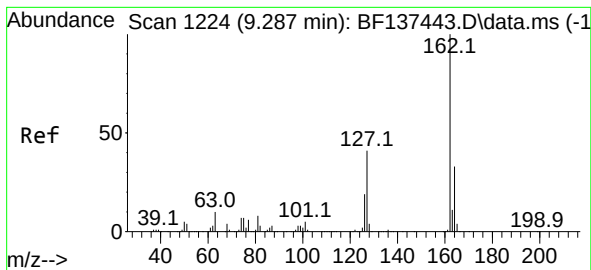
Ion Ratio Lower Upper

154 100

153 41.0 21.0 61.0

76 17.6 0.0 35.8





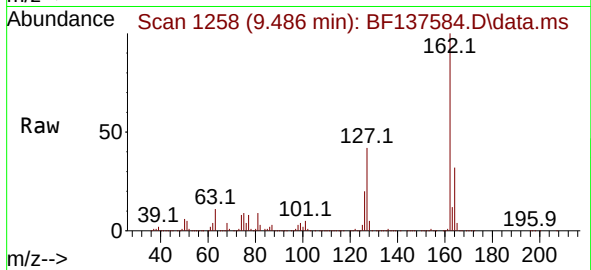
#47
2-Chloronaphthalene
Concen: 42.421 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.106 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

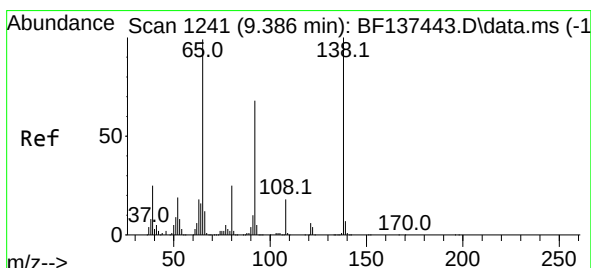
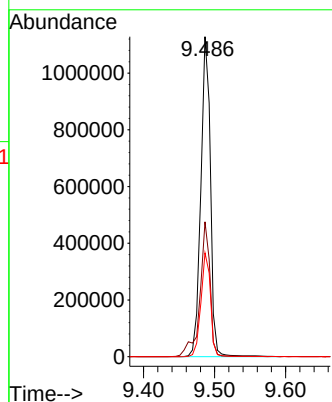
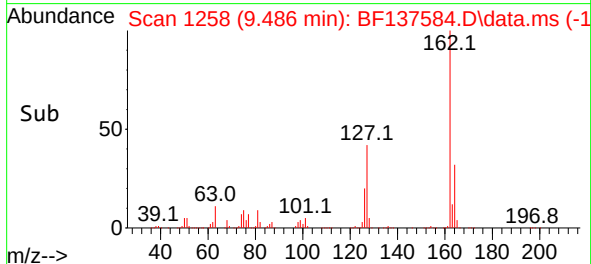


Tgt Ion: 162 Resp: 106274
Ion Ratio Lower Upper
162 100
127 42.2 32.6 49.0
164 32.4 26.5 39.7

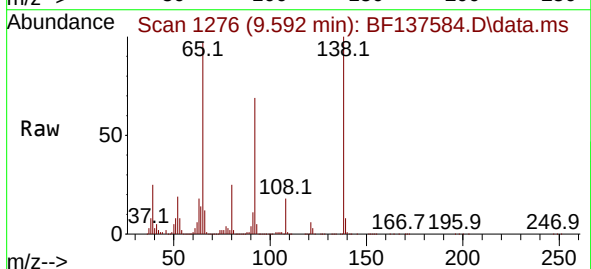
Manual Integrations

APPROVED

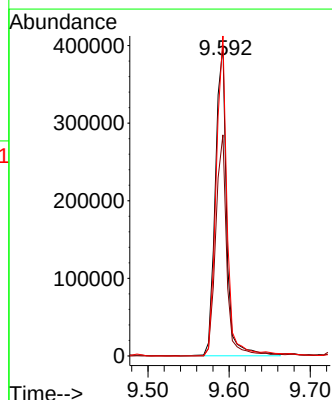
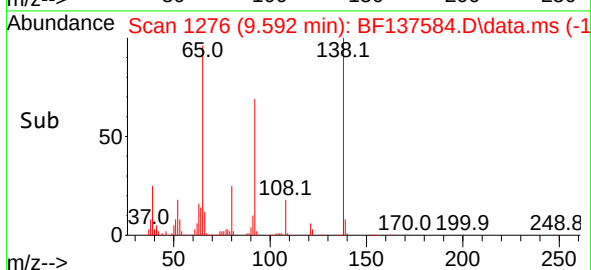
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

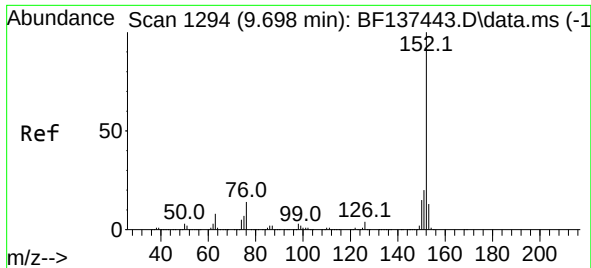


#48
2-Nitroaniline
Concen: 45.307 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02



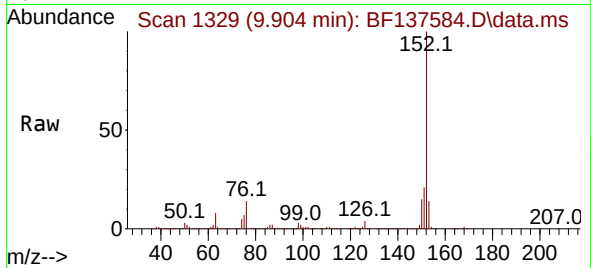
Tgt Ion: 65 Resp: 385787
Ion Ratio Lower Upper
65 100
92 71.4 55.4 83.2
138 103.3 81.0 121.6





#49
Acenaphthylene
Concen: 42.058 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.106 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

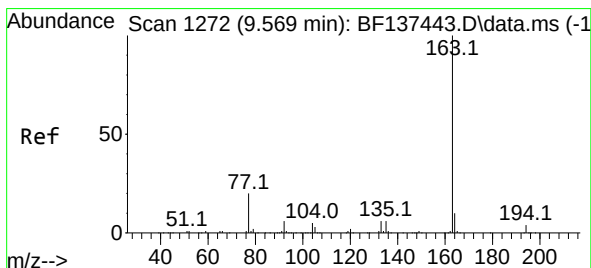
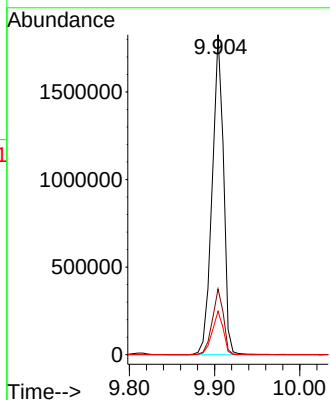
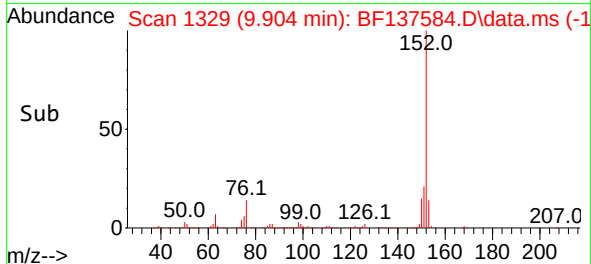
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



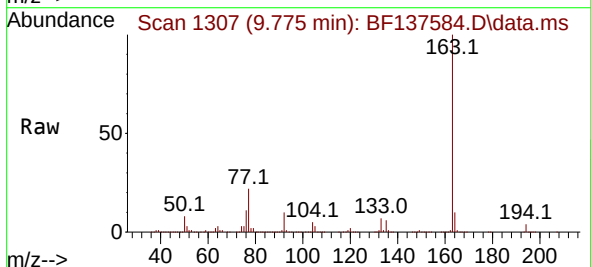
Tgt Ion:152 Resp: 1686208
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.6 10.8 16.2

Manual Integrations
APPROVED

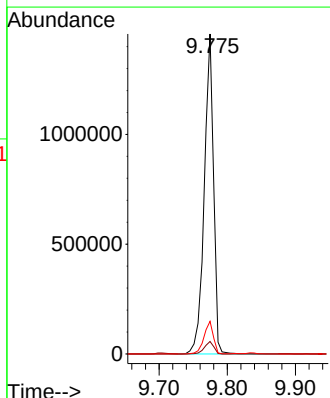
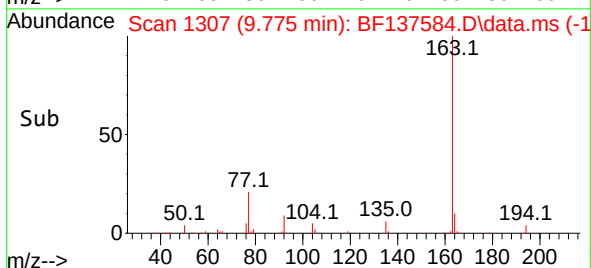
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

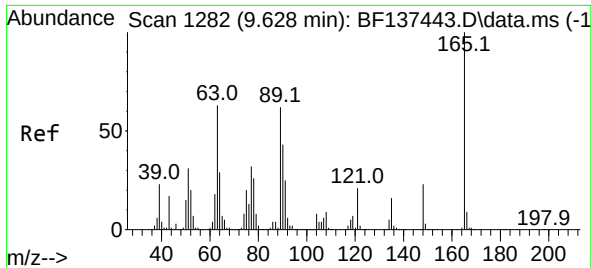


#50
Dimethylphthalate
Concen: 44.228 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02



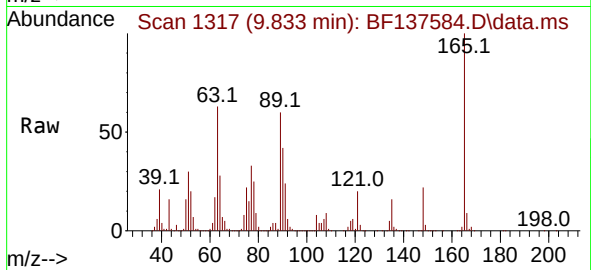
Tgt Ion:163 Resp: 1382210
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.229 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.106 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

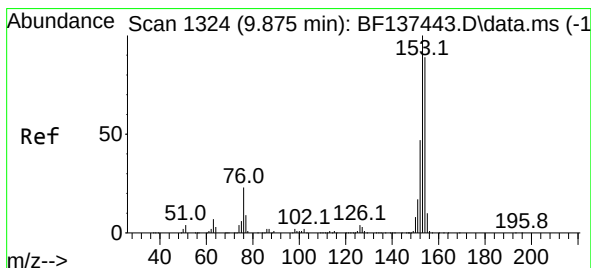
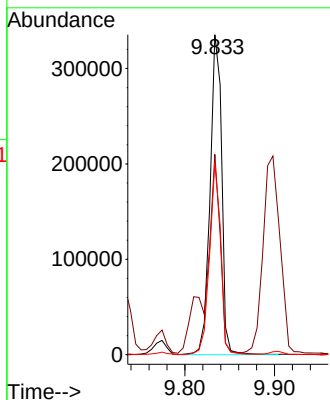
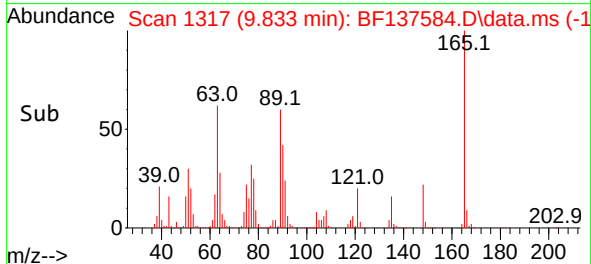
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



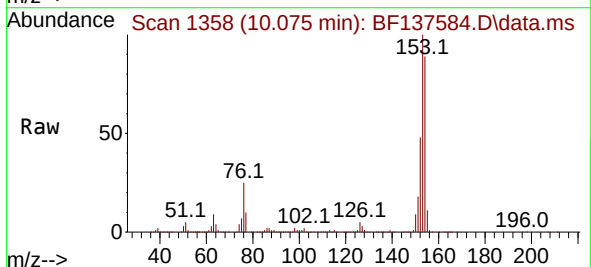
Tgt Ion:165 Resp: 302180
Ion Ratio Lower Upper
165 100
63 62.6 50.7 76.1
89 60.0 50.0 75.0

Manual Integrations
APPROVED

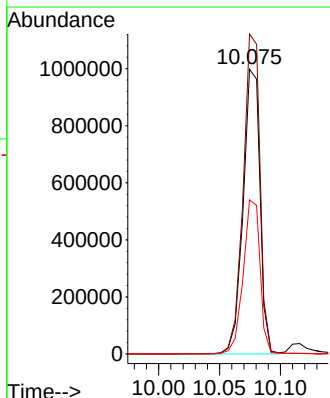
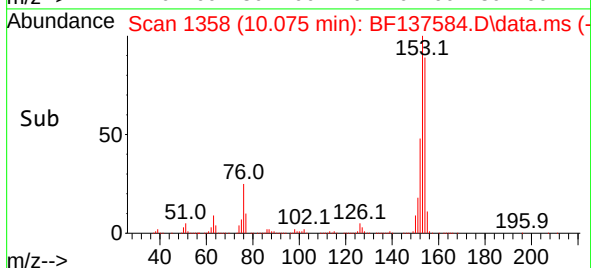
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

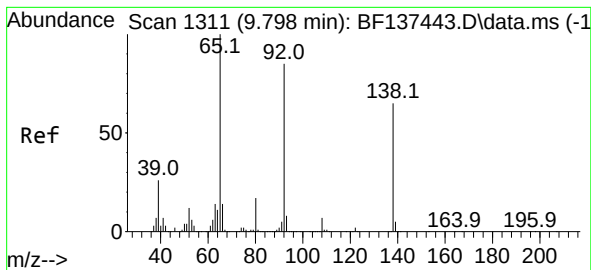


#52
Acenaphthene
Concen: 40.360 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.106 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02



Tgt Ion:154 Resp: 966034
Ion Ratio Lower Upper
154 100
153 112.4 90.3 135.5
152 54.1 42.7 64.1





#53
3-Nitroaniline
Concen: 21.864 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.106 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

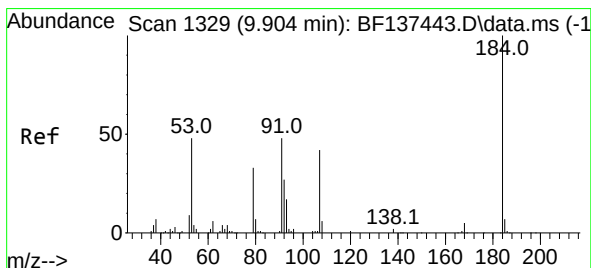
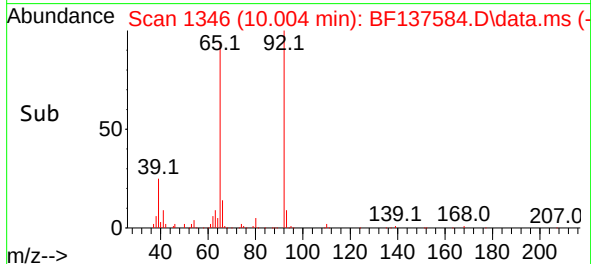
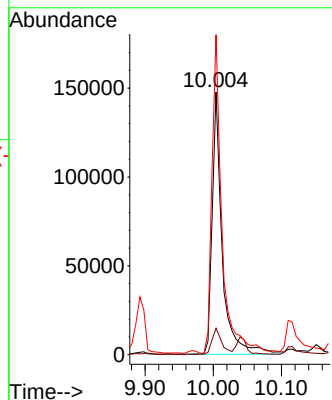
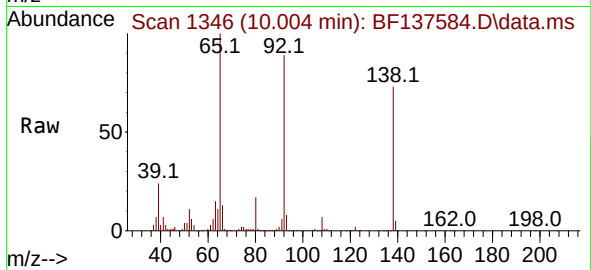
RT-3860MSD

Tgt Ion:138 Resp: 15116
Ion Ratio Lower Upper
138 100
108 10.0 9.1 13.7
92 121.9 104.6 157.0

Manual Integrations

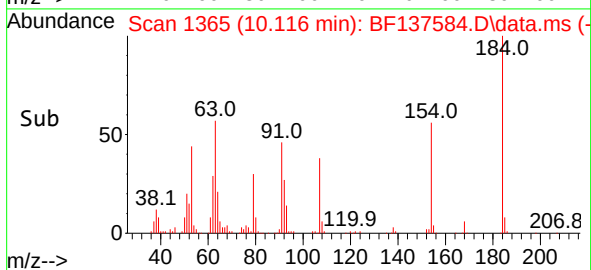
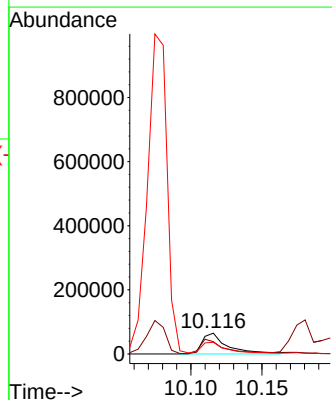
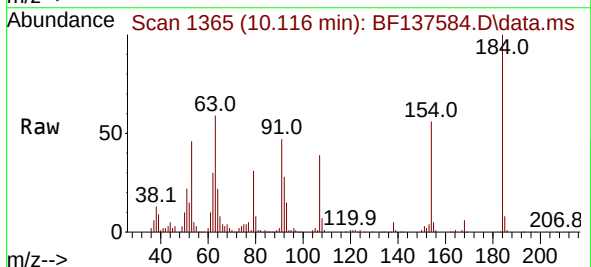
APPROVED

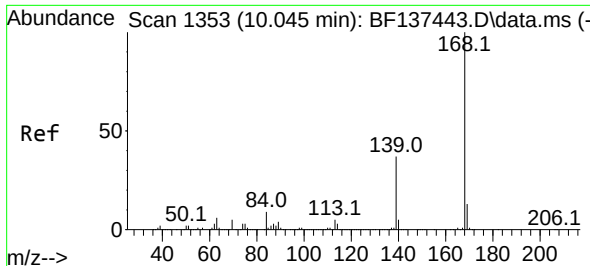
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#54
2,4-Dinitrophenol
Concen: 30.732 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

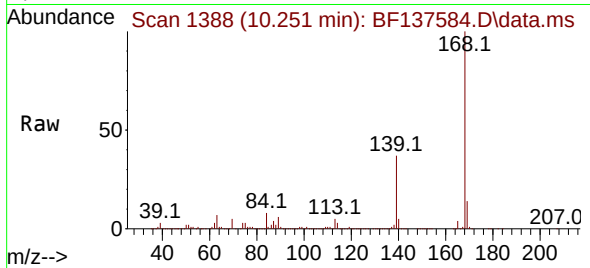
Tgt Ion:184 Resp: 79982
Ion Ratio Lower Upper
184 100
63 59.5 53.3 79.9
154 56.3 47.4 71.0





#55
Dibenzenofuran
Concen: 40.283 ng
RT: 10.251 min Scan# 1388
Delta R.T. 0.106 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

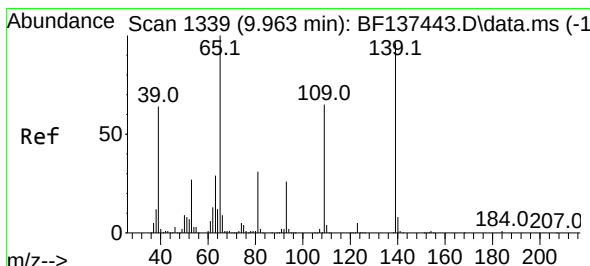
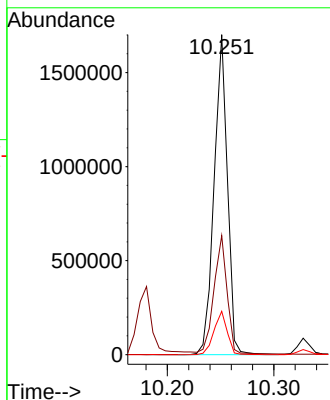
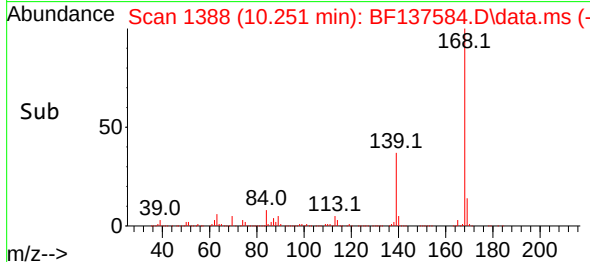
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



Tgt Ion:168 Resp: 1468528
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.6
169 13.6 10.8 16.2

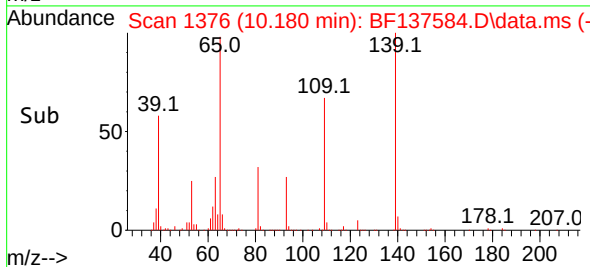
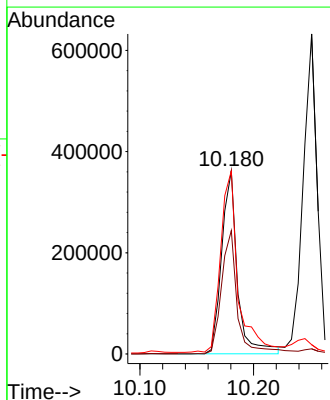
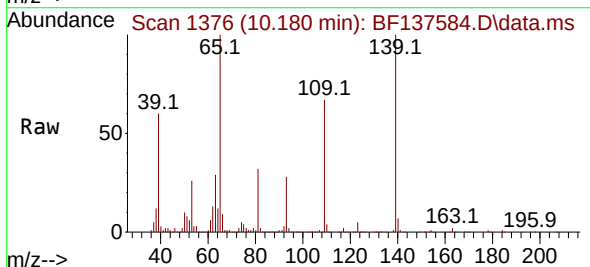
Manual Integrations
APPROVED

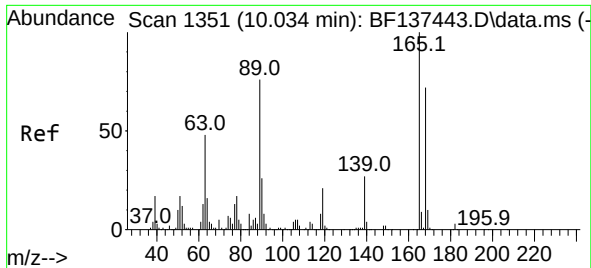
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#56
4-Nitrophenol
Concen: 71.863 ng
RT: 10.180 min Scan# 1376
Delta R.T. 0.118 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

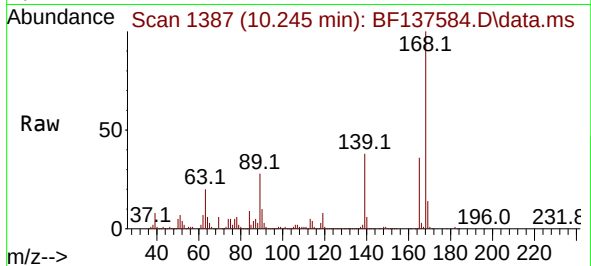
Tgt Ion:139 Resp: 351097
Ion Ratio Lower Upper
139 100
109 67.3 47.1 87.1
65 99.9 85.1 125.1





#57
2,4-Dinitrotoluene
Concen: 45.219 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

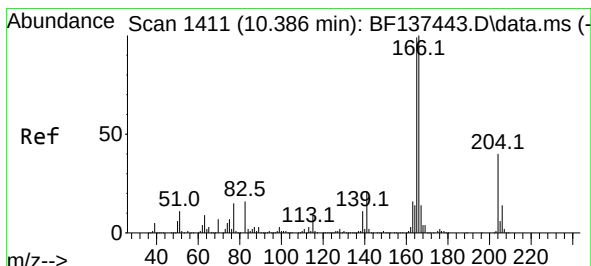
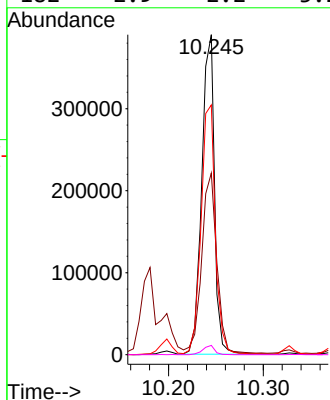
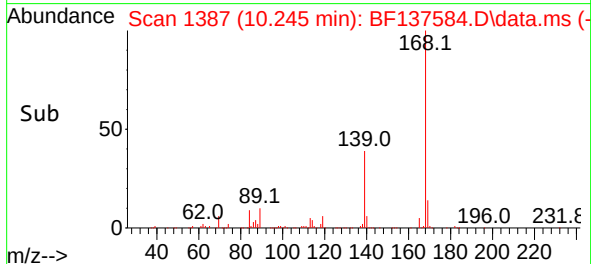
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



Tgt Ion:165 Resp: 36314
Ion Ratio Lower Upper
165 100
63 56.8 39.0 58.6
89 78.1 60.9 91.3
182 2.9 2.2 3.2

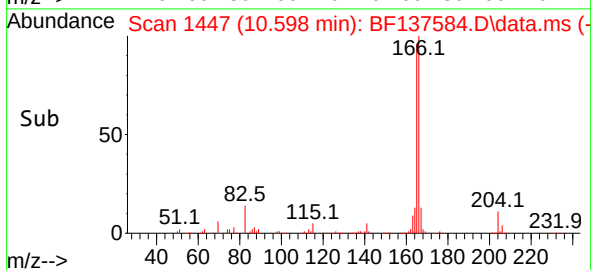
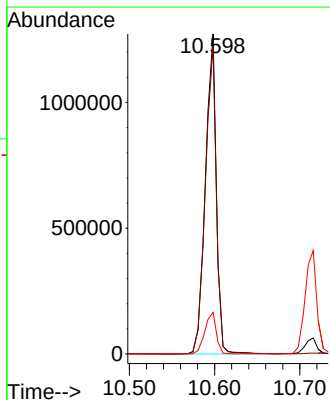
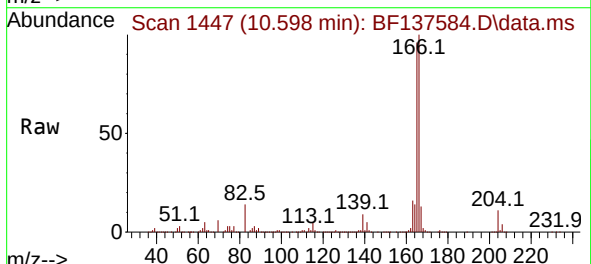
Manual Integrations
APPROVED

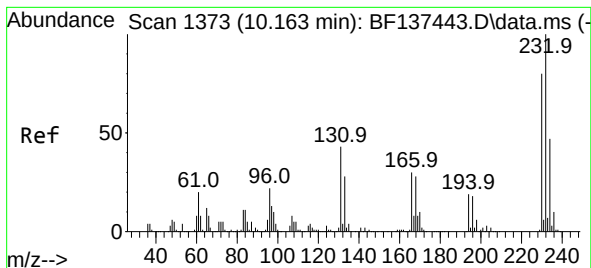
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#58
Fluorene
Concen: 40.436 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

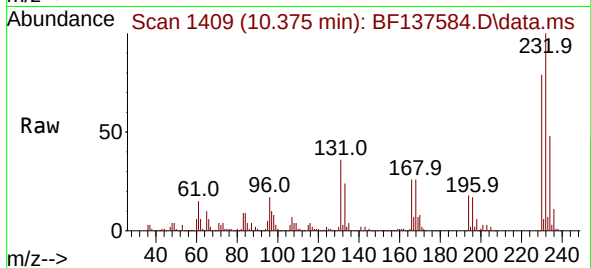
Tgt Ion:166 Resp: 1132097
Ion Ratio Lower Upper
166 100
165 96.1 79.2 118.8
167 13.0 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.068 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

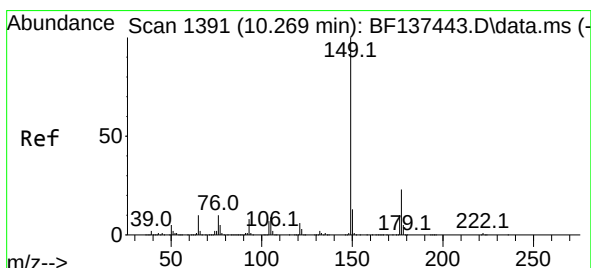
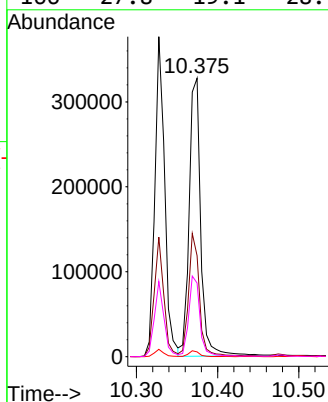
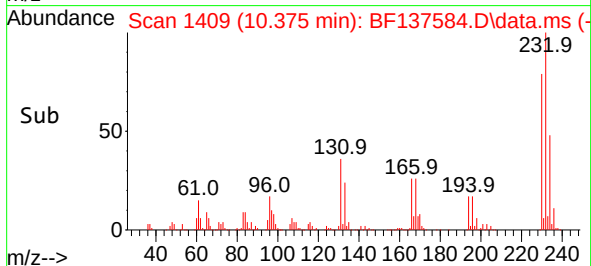
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



Tgt Ion:232 Resp: 324712
Ion Ratio Lower Upper
232 100
131 41.1 31.2 46.8
130 1.8 1.8 2.6
166 27.8 19.1 28.7

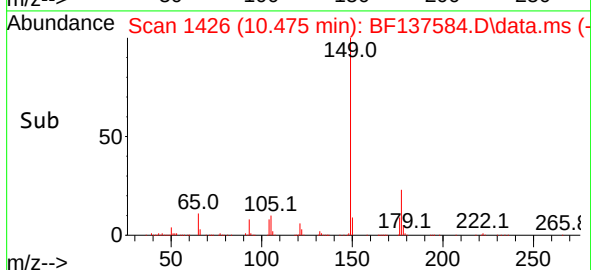
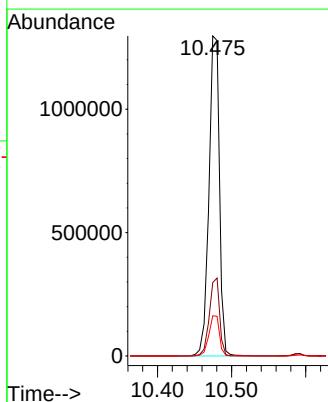
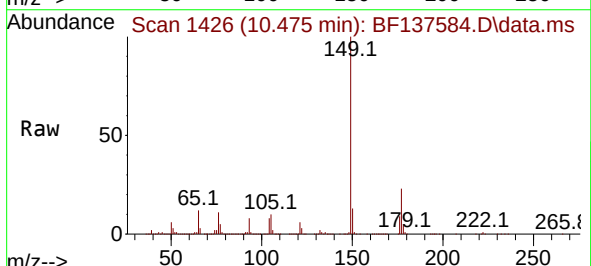
Manual Integrations
APPROVED

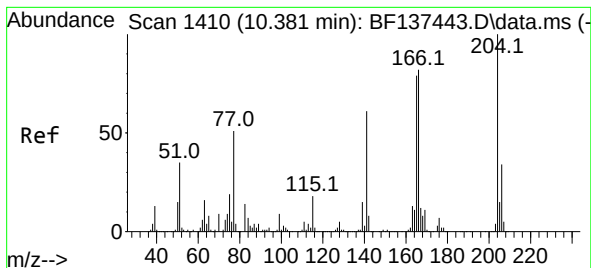
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#60
Diethylphthalate
Concen: 43.318 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.106 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Tgt Ion:149 Resp: 1278400
Ion Ratio Lower Upper
149 100
177 23.0 18.7 28.1
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 40.430 ng
RT: 10.592 min Scan# 1410
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

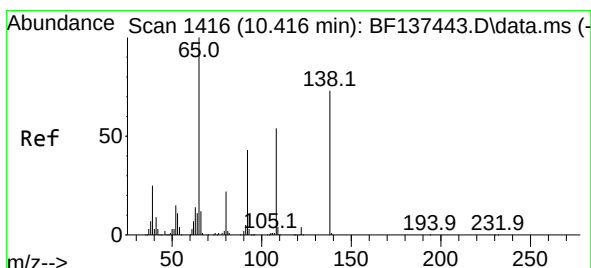
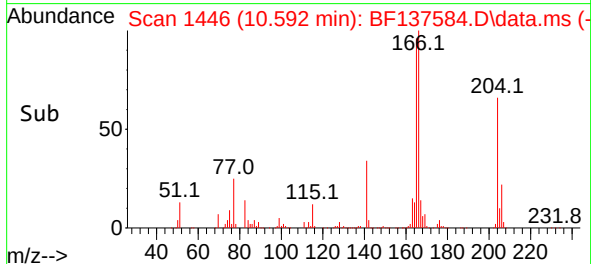
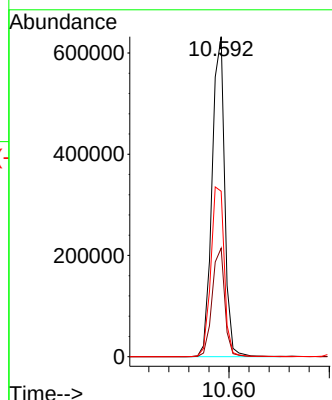
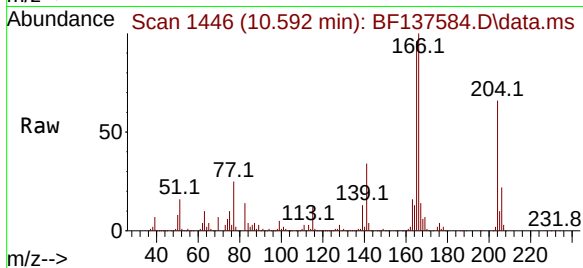
RT-3860MSD

Tgt Ion:204 Resp: 55474
Ion Ratio Lower Upper
204 100
206 33.9 27.4 41.0
141 51.7 48.4 72.6

Manual Integrations

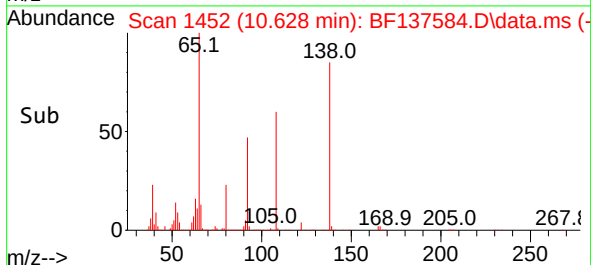
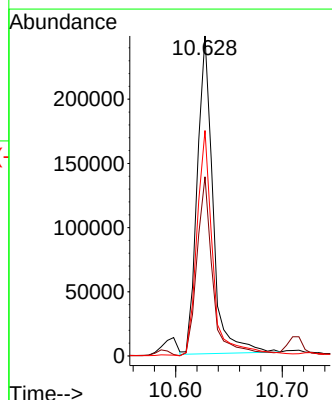
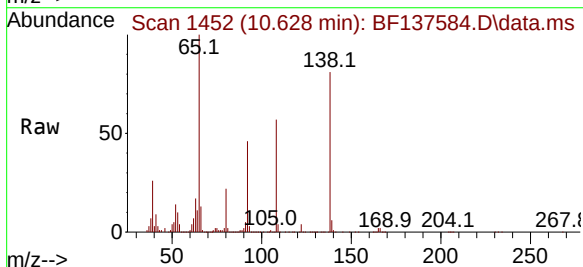
APPROVED

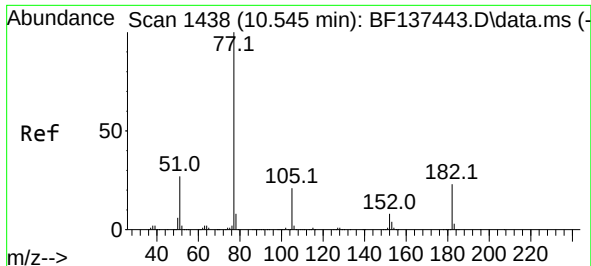
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#62
4-Nitroaniline
Concen: 42.749 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Tgt Ion:138 Resp: 254036
Ion Ratio Lower Upper
138 100
92 56.0 37.9 77.9
108 70.4 53.2 93.2





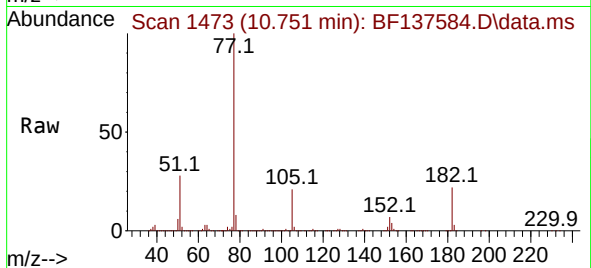
#63
Azobenzene
Concen: 42.267 ng
RT: 10.751 min Scan# 1438
Delta R.T. 0.106 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

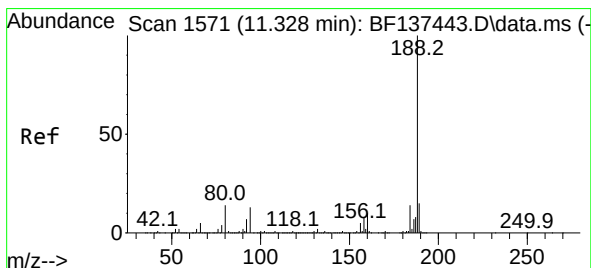
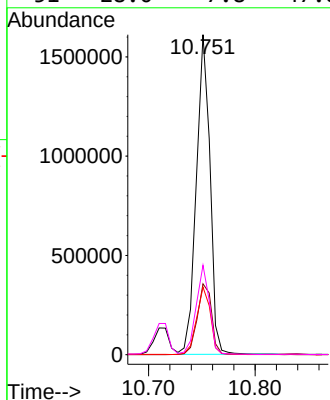
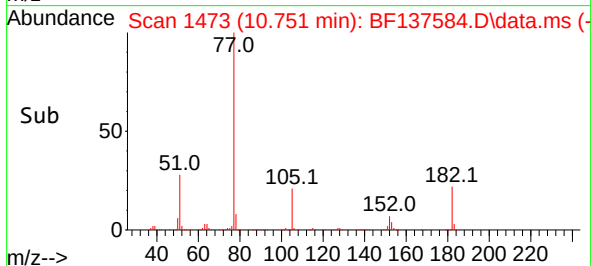


Tgt Ion: 77 Resp: 1436360
Ion Ratio Lower Upper
77 100
182 22.2 3.2 43.2
105 21.1 1.2 41.2
51 28.0 7.8 47.8

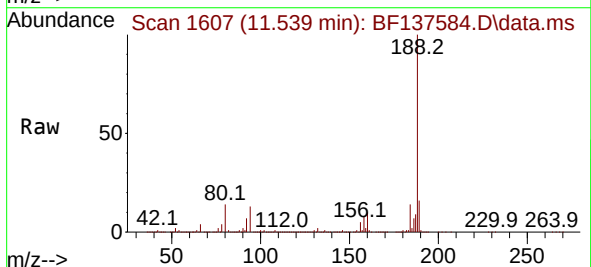
Manual Integrations

APPROVED

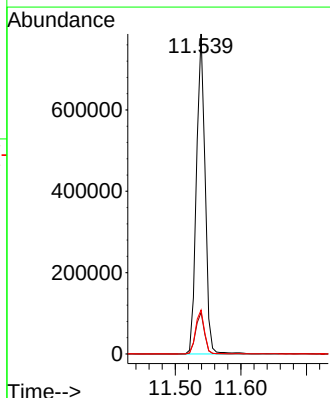
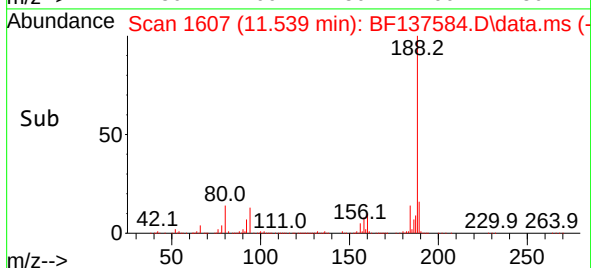
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

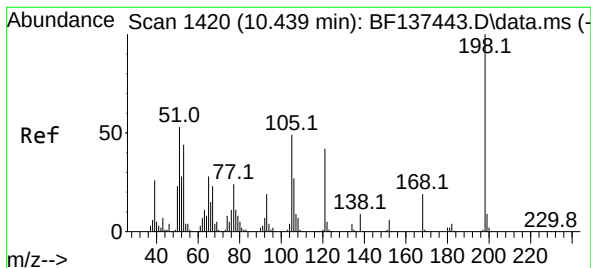


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 1607
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02



Tgt Ion:188 Resp: 725858
Ion Ratio Lower Upper
188 100
94 12.9 10.6 15.8
80 13.7 11.5 17.3





#65
4,6-Dinitro-2-methylphenol
Concen: 24.768 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.106 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

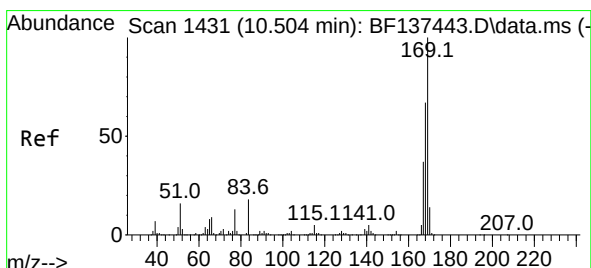
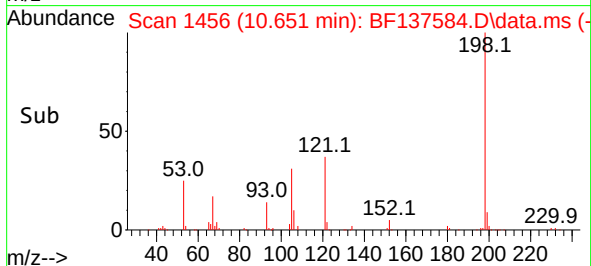
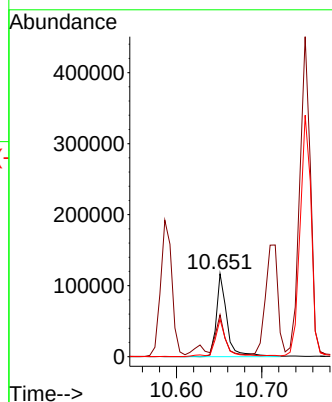
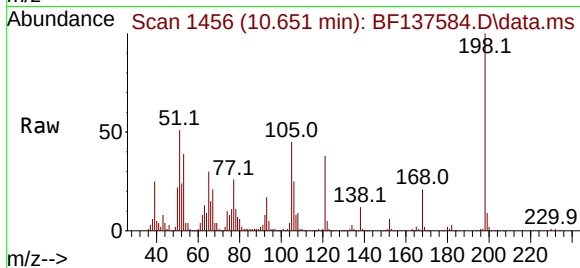
RT-3860MSD

Tgt Ion:198 Resp: 10020
Ion Ratio Lower Upper
198 100
51 50.5 37.2 77.2
105 45.0 29.2 69.2

Manual Integrations

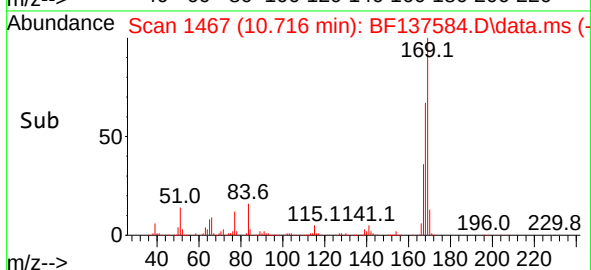
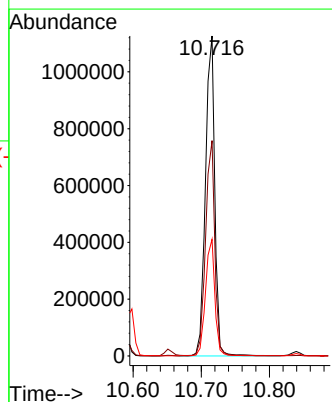
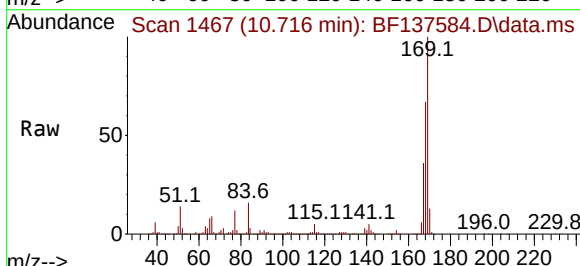
APPROVED

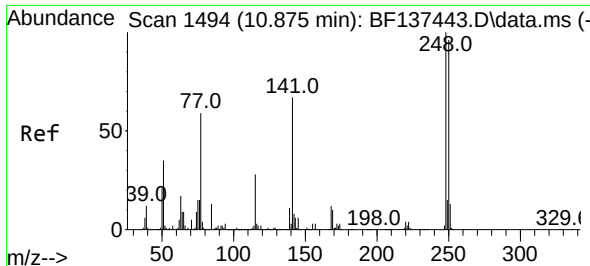
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#66
n-Nitrosodiphenylamine
Concen: 45.700 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Tgt Ion:169 Resp: 1068164
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.6
167 36.5 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 47.460 ng
RT: 11.086 min Scan# 1150
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

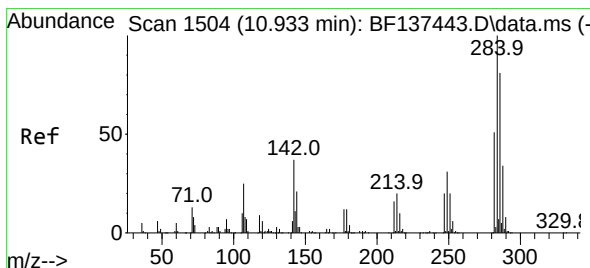
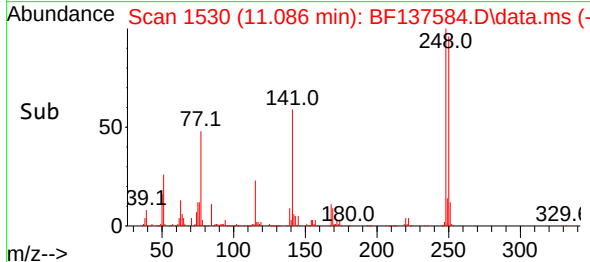
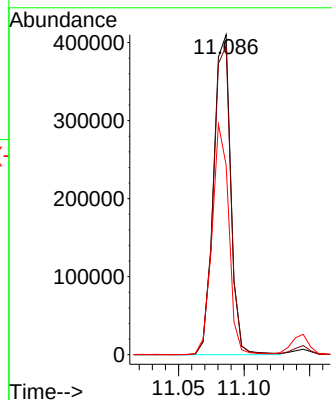
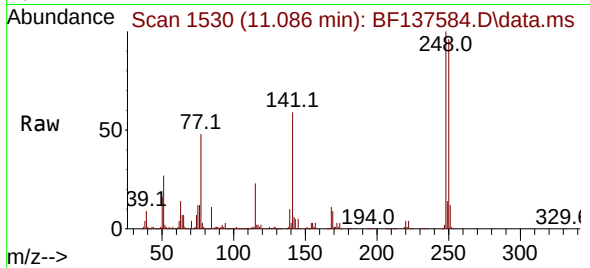
RT-3860MSD

Tgt Ion:248 Resp: 375215
Ion Ratio Lower Upper
248 100
250 96.5 76.8 115.2
141 59.3 53.4 80.0

Manual Integrations

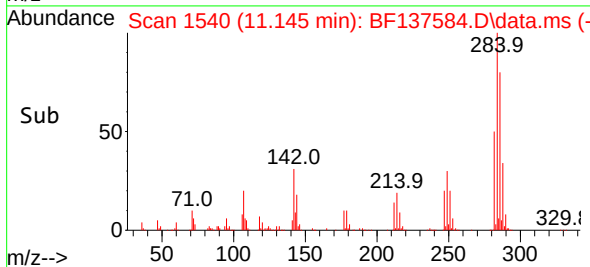
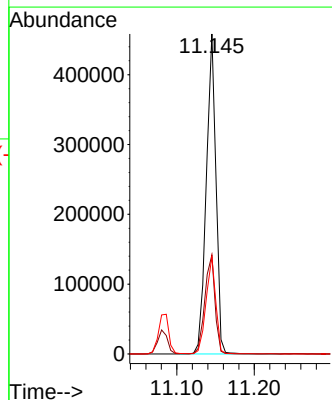
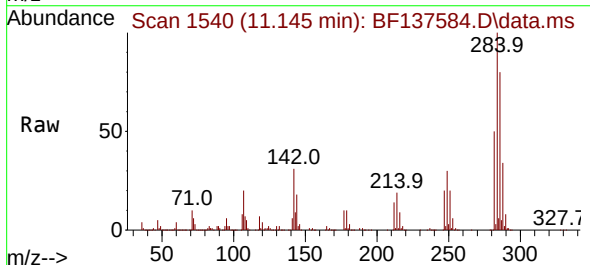
APPROVED

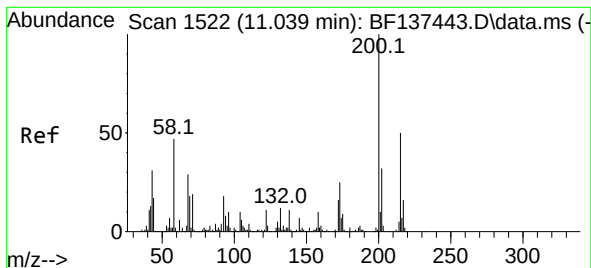
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#68
Hexachlorobenzene
Concen: 49.711 ng
RT: 11.145 min Scan# 1540
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Tgt Ion:284 Resp: 396948
Ion Ratio Lower Upper
284 100
142 30.9 29.4 44.0
249 30.5 25.0 37.4





#69

Atrazine

Concen: 49.456 ng

RT: 11.251 min Scan# 1558

Delta R.T. 0.112 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

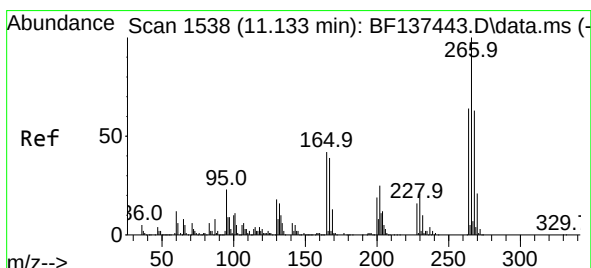
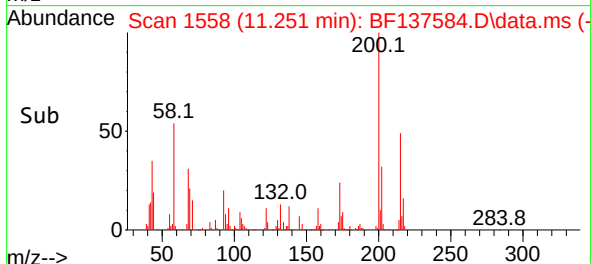
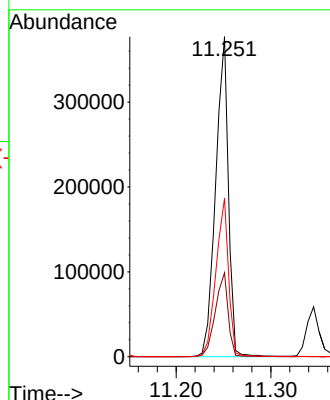
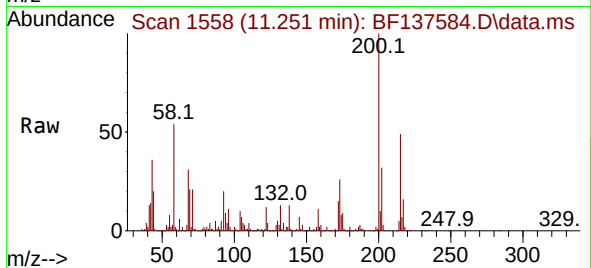
RT-3860MSD

Tgt Ion:200 Resp: 35141
 Ion Ratio Lower Upper
 200 100
 173 26.2 5.1 45.1
 215 49.5 30.4 70.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024



#70

Pentachlorophenol

Concen: 67.888 ng

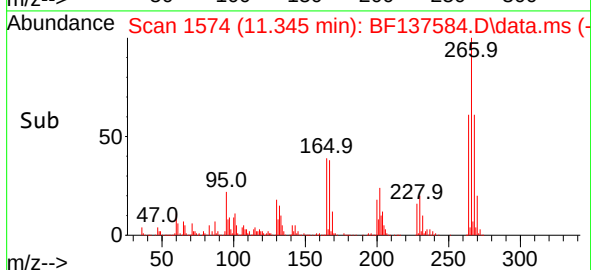
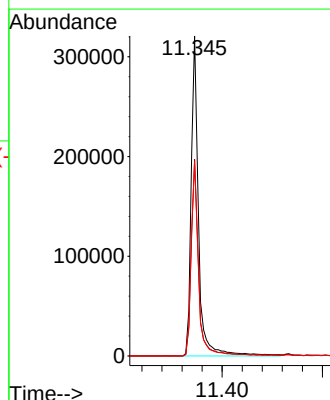
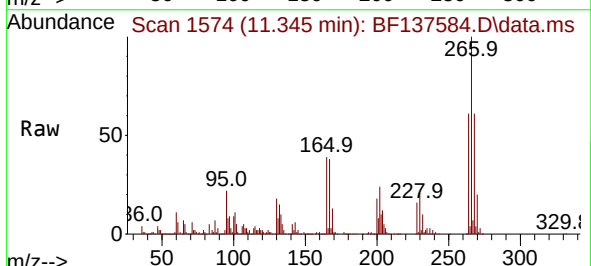
RT: 11.345 min Scan# 1574

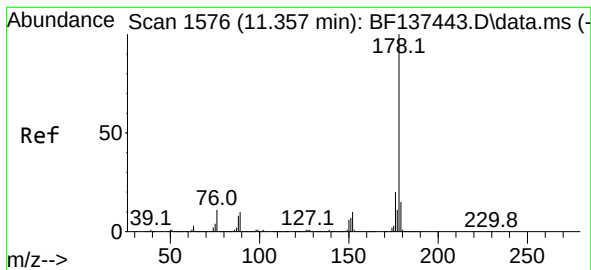
Delta R.T. 0.112 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

Tgt Ion:266 Resp: 327703
 Ion Ratio Lower Upper
 266 100
 268 61.4 50.2 75.2
 264 60.9 50.9 76.3





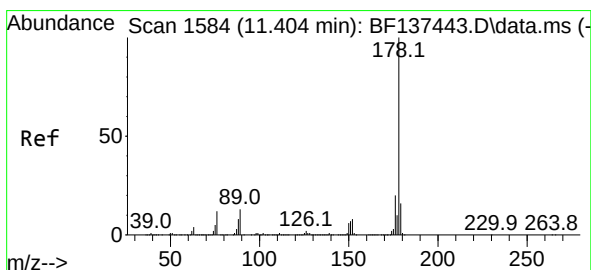
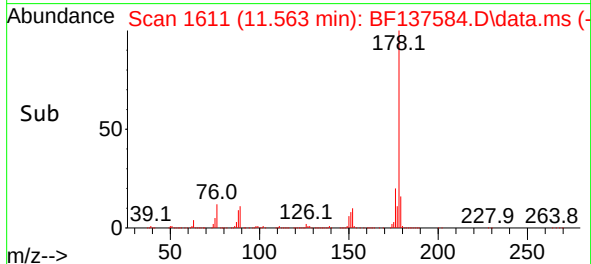
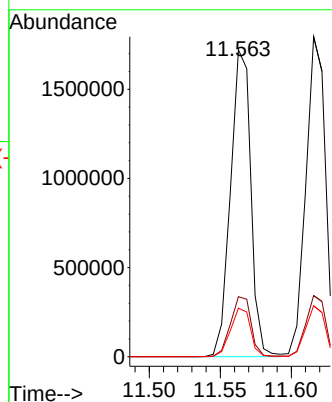
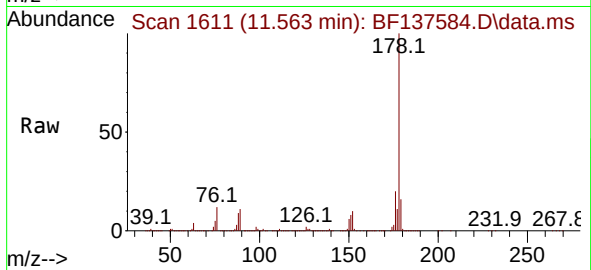
#71
Phenanthrene
Concen: 43.423 ng
RT: 11.563 min Scan# 1611
Delta R.T. 0.106 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

Tgt Ion:178 Resp: 171534
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.8 12.2 18.2

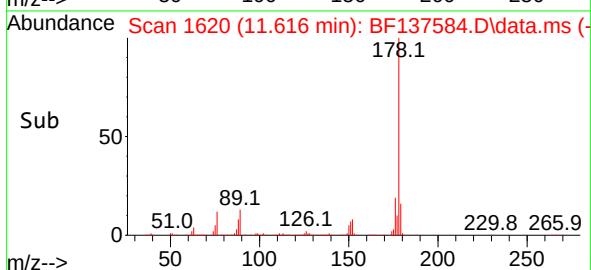
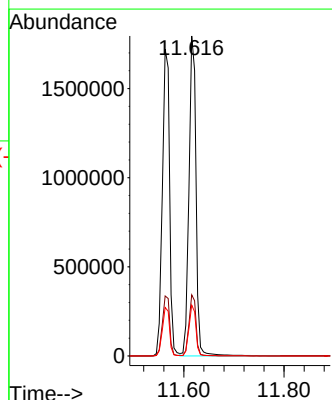
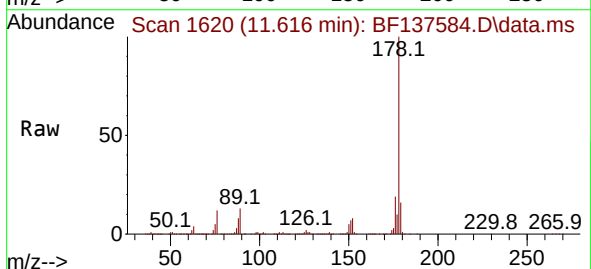
Manual Integrations
APPROVED

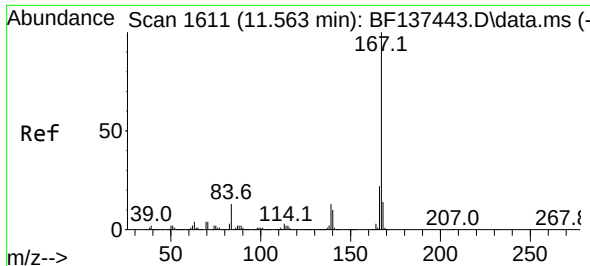
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#72
Anthracene
Concen: 43.412 ng
RT: 11.616 min Scan# 1620
Delta R.T. 0.106 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Tgt Ion:178 Resp: 1761284
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.9 12.7 19.1





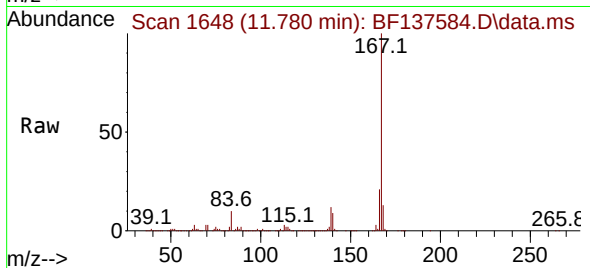
#73
 Carbazole
 Concen: 44.152 ng
 RT: 11.780 min Scan# 1
 Delta R.T. 0.112 min
 Lab File: BF137584.D
 Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

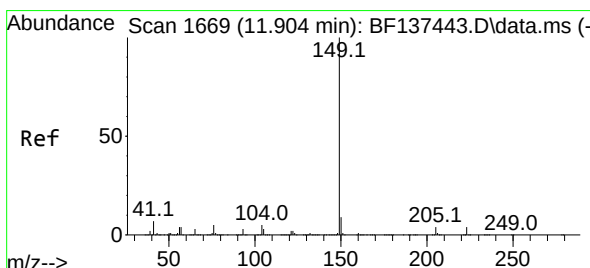
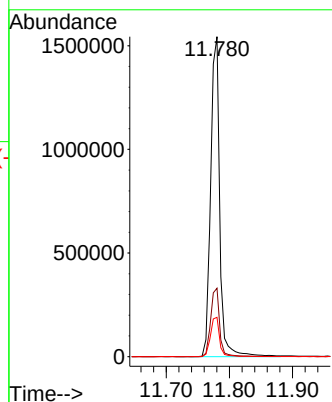
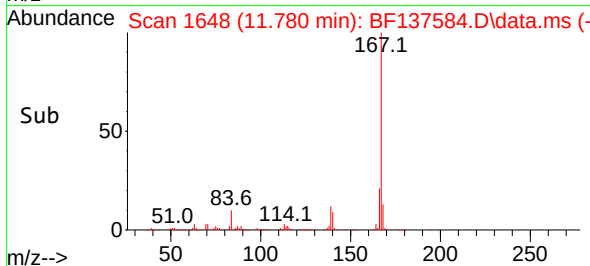


Tgt Ion:167 Resp: 1534388
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.8 26.8
 139 12.3 10.5 15.7

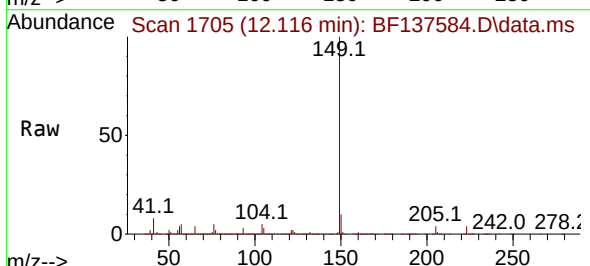
Manual Integrations

APPROVED

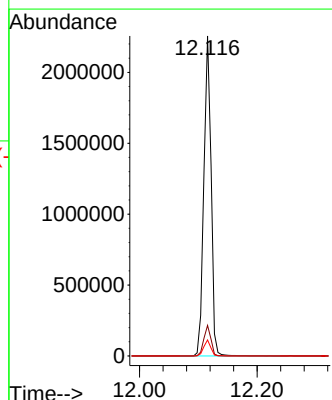
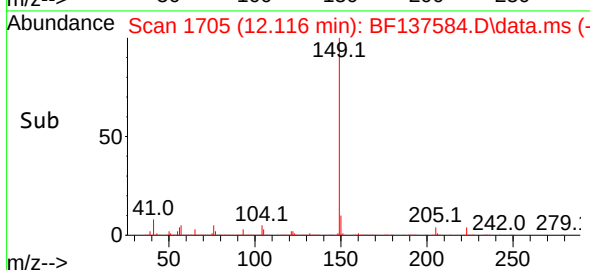
Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024

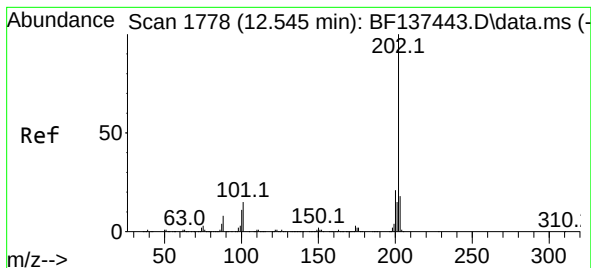


#74
 Di-n-butylphthalate
 Concen: 46.461 ng
 RT: 12.116 min Scan# 1705
 Delta R.T. 0.112 min
 Lab File: BF137584.D
 Acq: 13 Mar 2024 19:02



Tgt Ion:149 Resp: 1921016
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 5.0 3.8 5.6





#75

Fluoranthene

Concen: 41.486 ng

RT: 12.763 min Scan# 1815

Delta R.T. 0.106 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

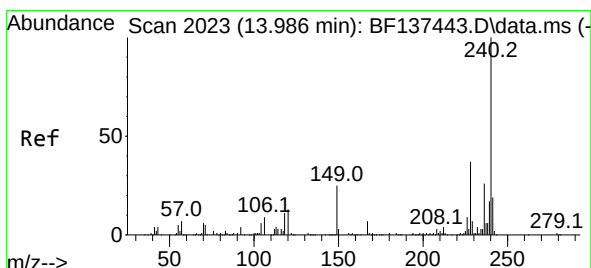
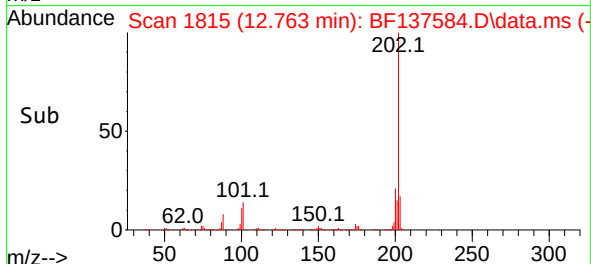
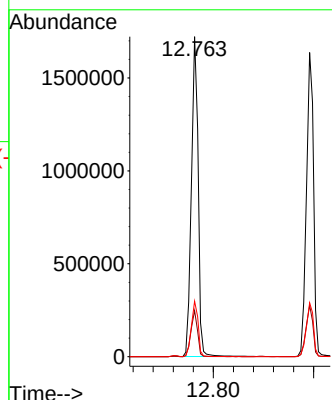
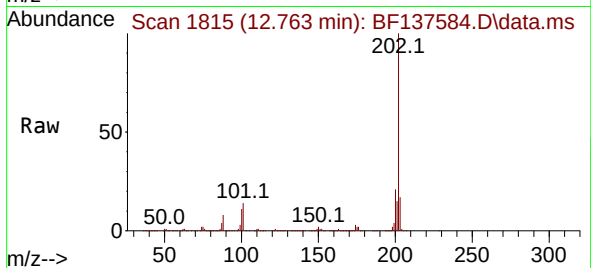
Tgt Ion:202 Resp: 160189

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	35.0
203	17.4	0.0	37.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.210 min Scan# 2061

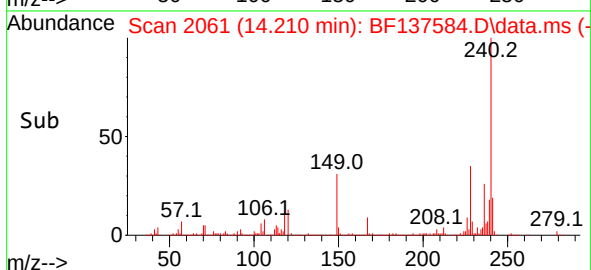
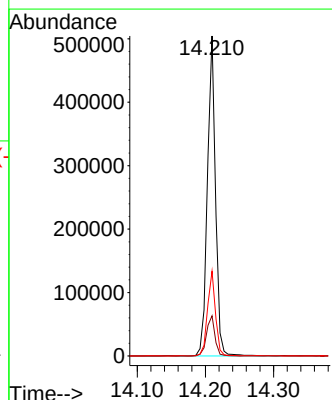
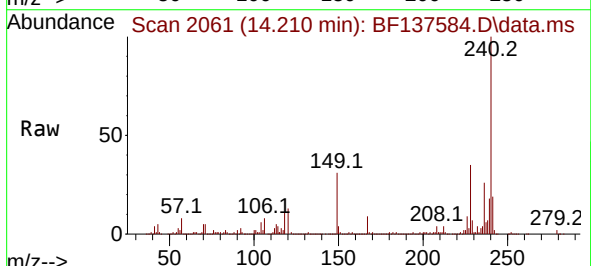
Delta R.T. 0.112 min

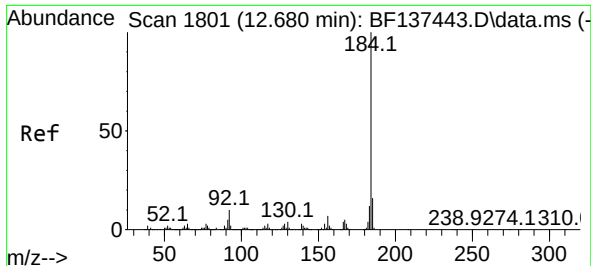
Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

Tgt Ion:240 Resp: 419045

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.4	15.6
236	26.5	20.9	31.3





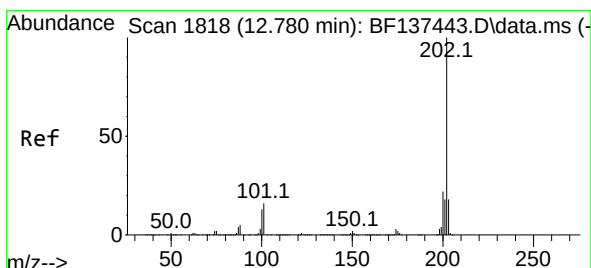
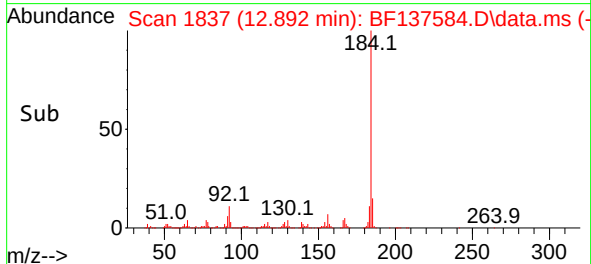
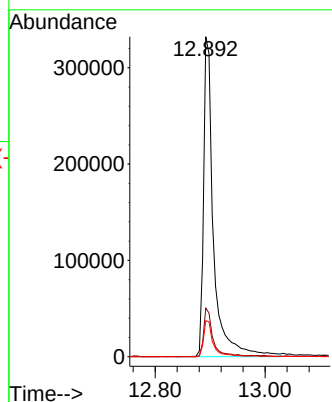
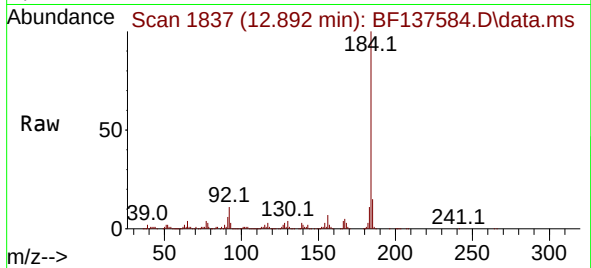
#77
Benzidine
Concen: 41.078 ng
RT: 12.892 min Scan# 1854
Delta R.T. 0.106 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

Tgt Ion:184 Resp: 42125
Ion Ratio Lower Upper
184 100
185 15.1 13.2 19.8
183 11.2 9.3 13.9

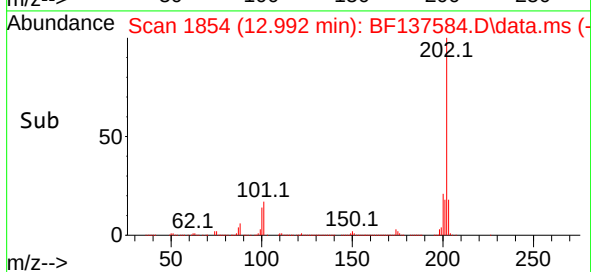
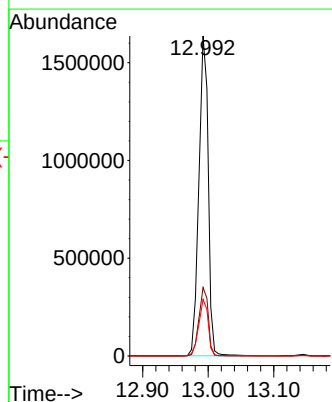
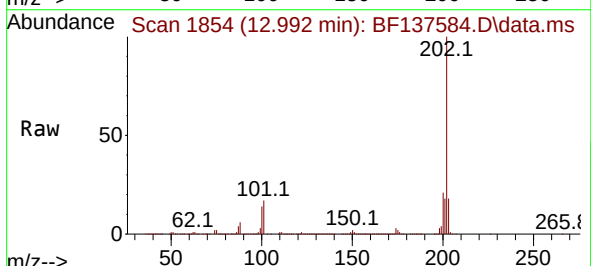
Manual Integrations
APPROVED

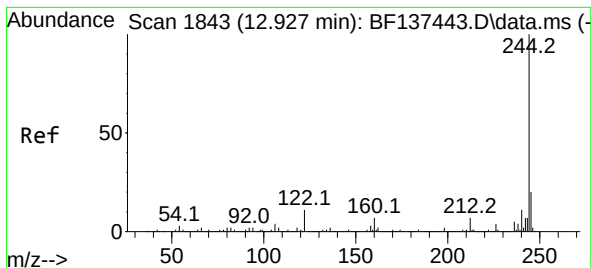
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#78
Pyrene
Concen: 39.557 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.106 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Tgt Ion:202 Resp: 1626491
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 75.835 ng

RT: 13.145 min Scan# 1843

Delta R.T. 0.112 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:244 Resp: 231095

Ion Ratio Lower Upper

244 100

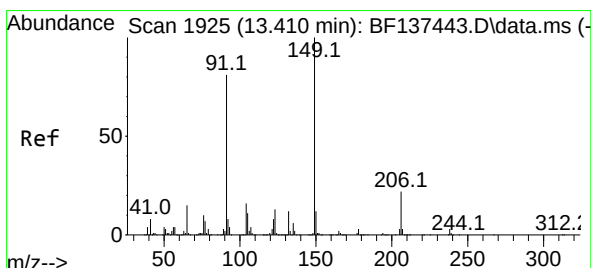
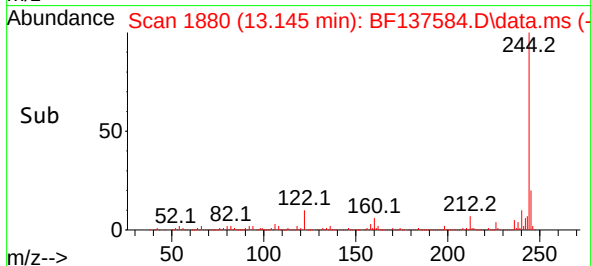
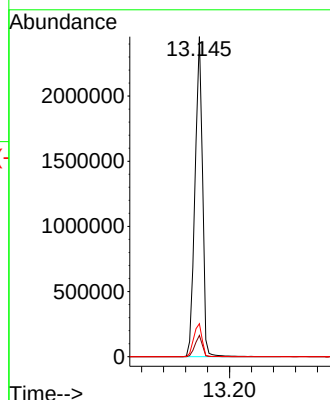
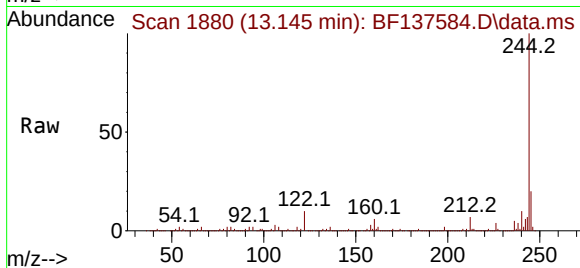
212 6.6 5.4 8.2

122 10.3 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#80

Butylbenzylphthalate

Concen: 61.650 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.118 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

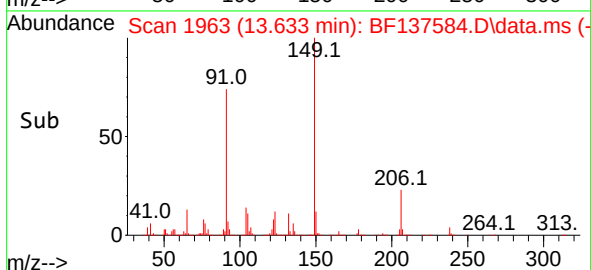
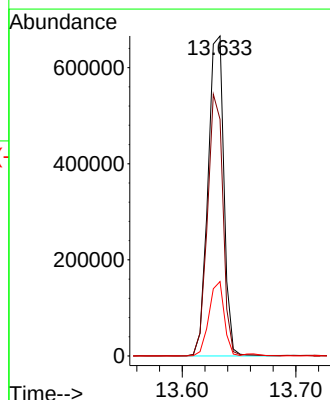
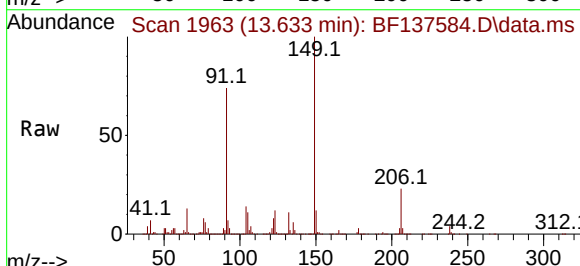
Tgt Ion:149 Resp: 647385

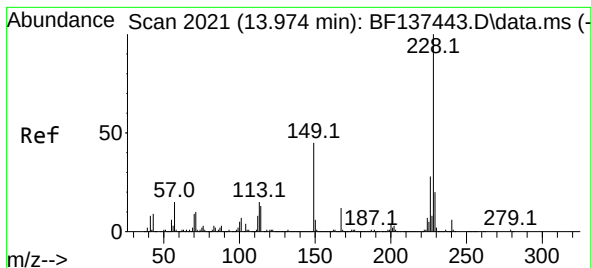
Ion Ratio Lower Upper

149 100

91 73.9 64.7 97.1

206 23.2 17.5 26.3





#81

Benzo(a)anthracene

Concen: 44.424 ng

RT: 14.198 min Scan# 2059

Delta R.T. 0.112 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

Tgt Ion:228 Resp: 130476

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

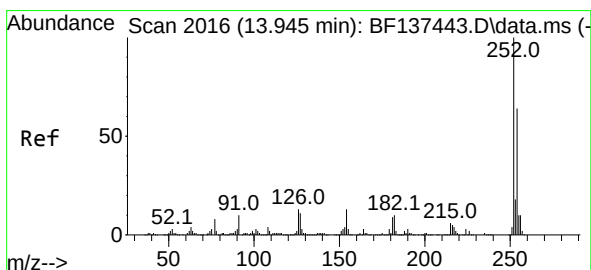
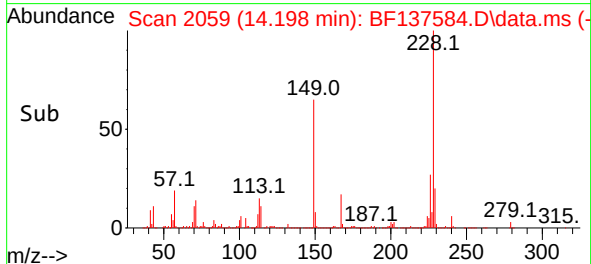
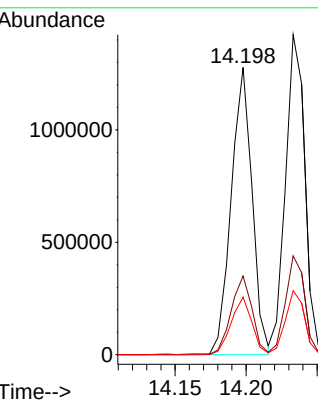
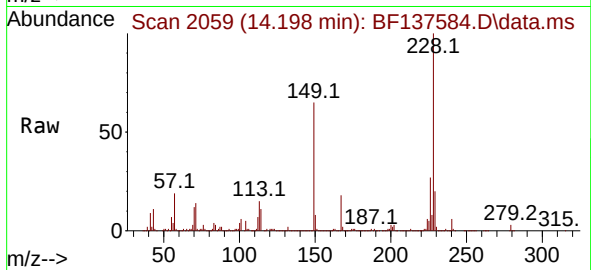
229 20.1 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024

Supervised By :mohammad ahmed 03/15/2024



#82

3,3'-Dichlorobenzidine

Concen: 29.911 ng

RT: 14.163 min Scan# 2053

Delta R.T. 0.112 min

Lab File: BF137584.D

Acq: 13 Mar 2024 19:02

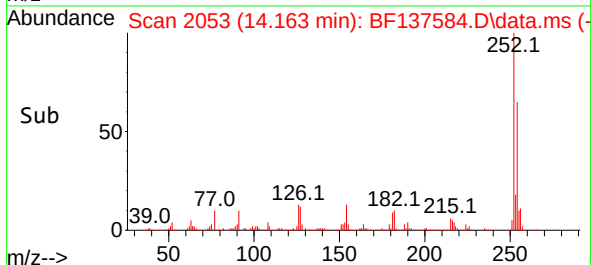
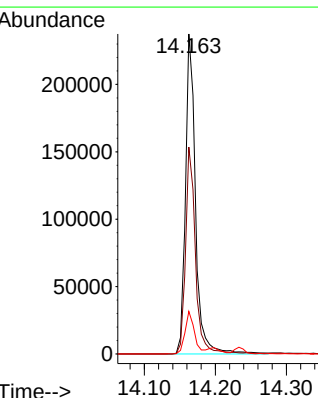
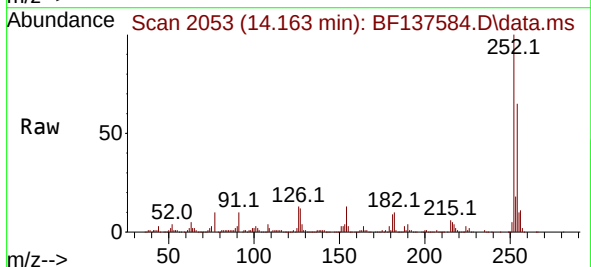
Tgt Ion:252 Resp: 233945

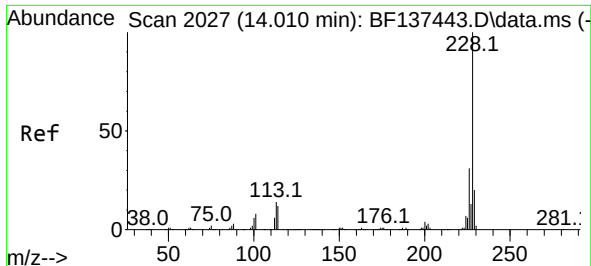
Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.2

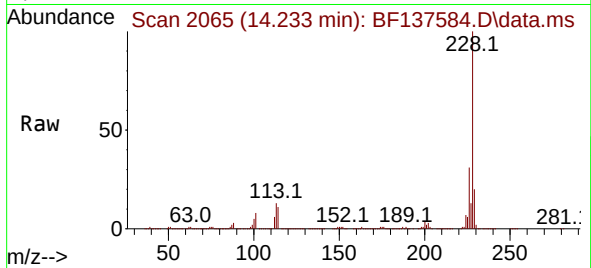
126 13.3 10.4 15.6





#83
Chrysene
Concen: 46.240 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

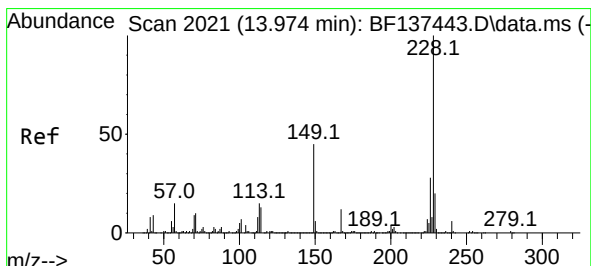
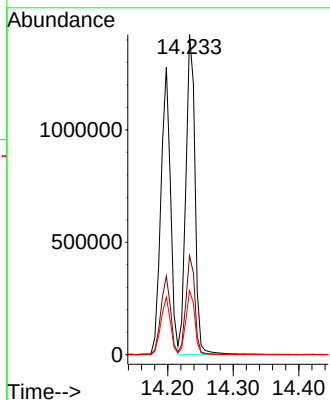
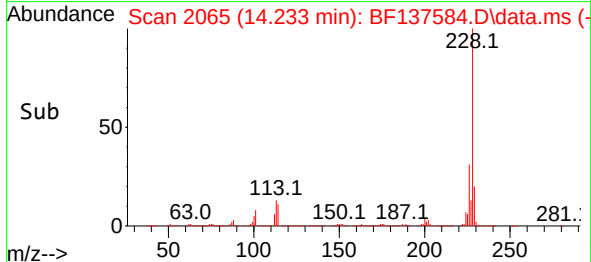
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



Tgt Ion:228 Resp: 1372608
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 20.0 15.9 23.9

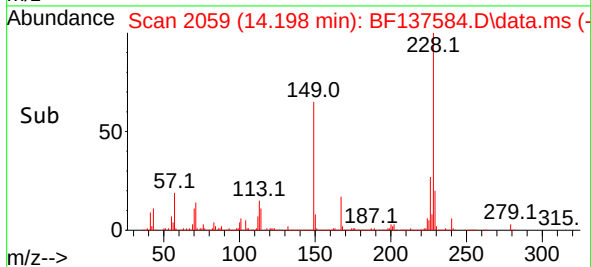
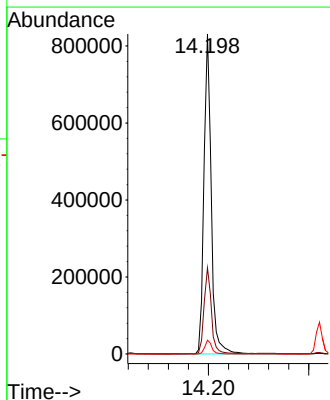
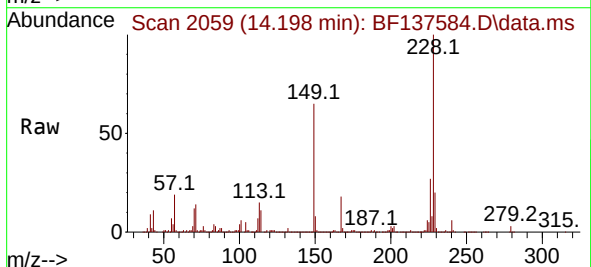
Manual Integrations
APPROVED

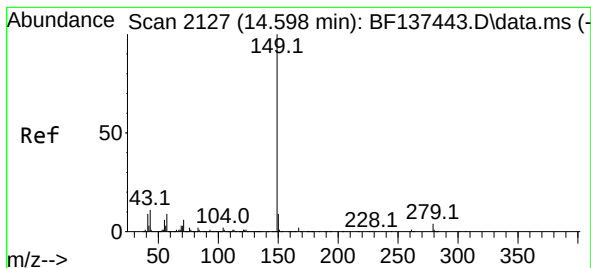
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 63.003 ng
RT: 14.198 min Scan# 2059
Delta R.T. 0.112 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

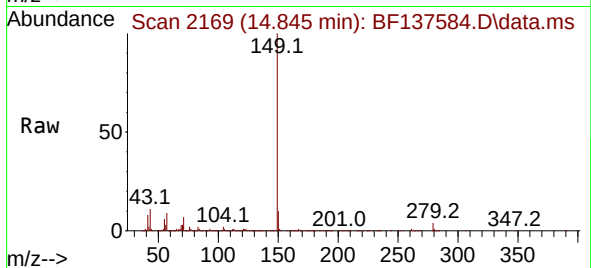
Tgt Ion:149 Resp: 840899
Ion Ratio Lower Upper
149 100
167 26.9 21.3 31.9
279 4.3 2.6 4.0#





#85
Di-n-octyl phthalate
Concen: 61.657 ng
RT: 14.845 min Scan# 2127
Delta R.T. 0.129 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

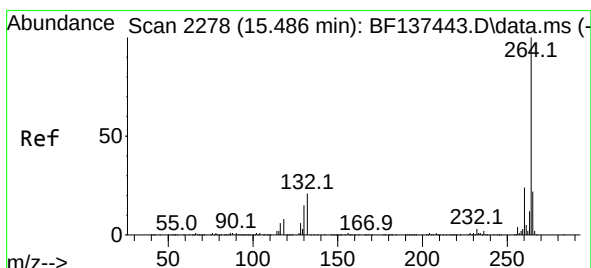
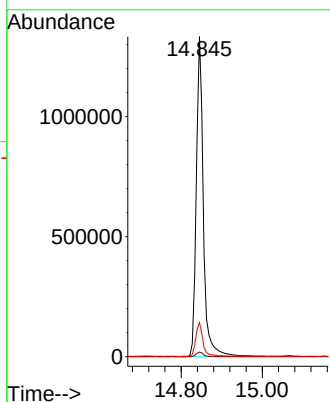
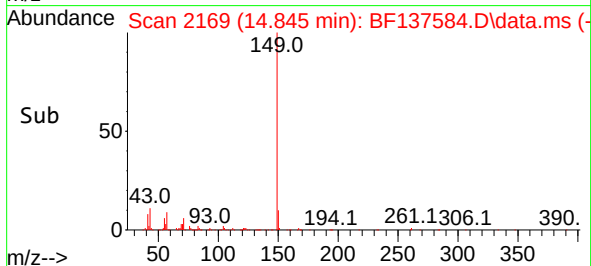
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



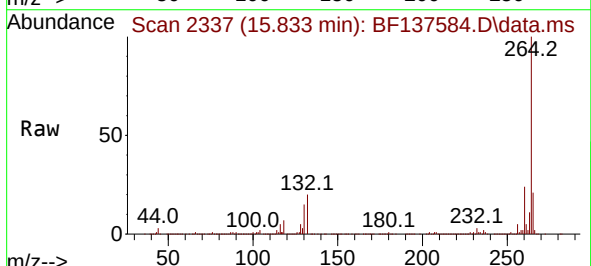
Tgt Ion:149 Resp: 163248
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.6 9.6 14.4

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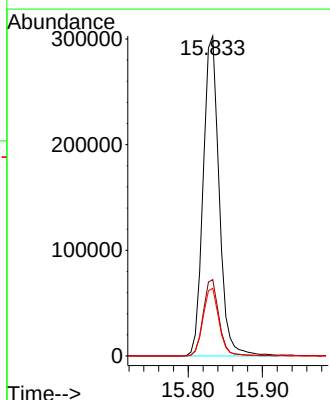
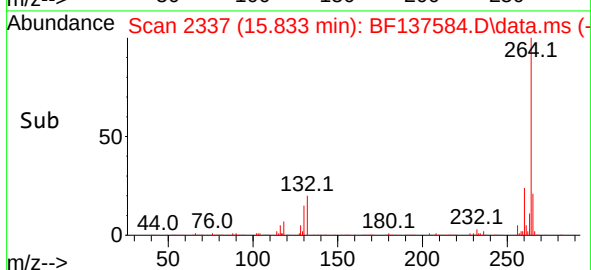
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

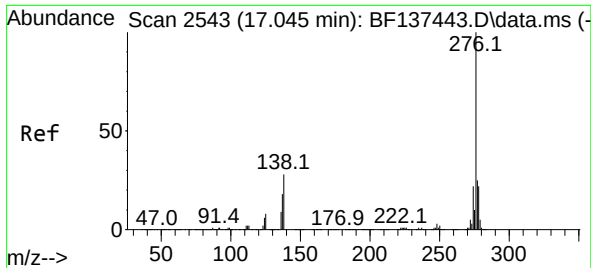


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.833 min Scan# 2337
Delta R.T. 0.182 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02



Tgt Ion:264 Resp: 454211
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 21.2 17.4 26.0





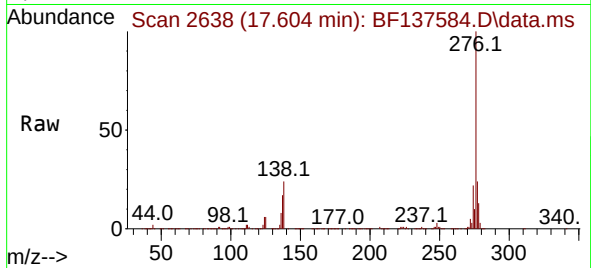
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.702 ng
RT: 17.604 min Scan# 20
Delta R.T. 0.324 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

RT-3860MSD

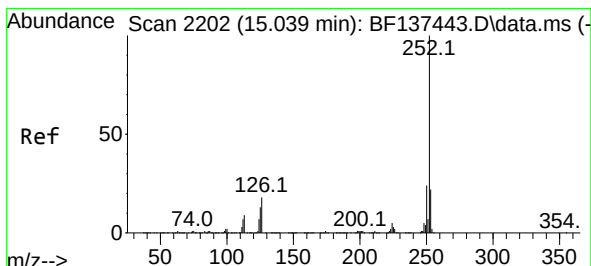
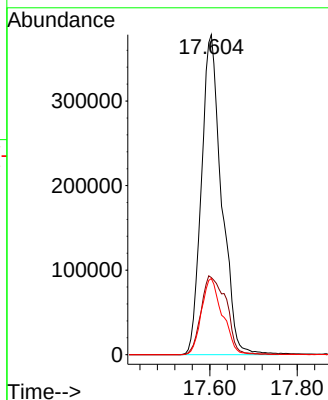
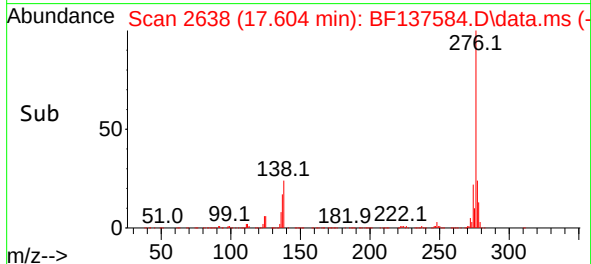


Tgt Ion:276 Resp: 121660
Ion Ratio Lower Upper
276 100
138 30.5 25.8 38.8
277 24.9 20.2 30.2

Manual Integrations

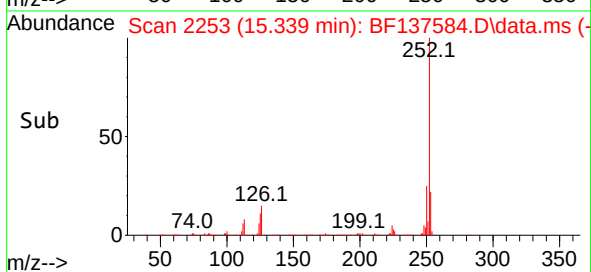
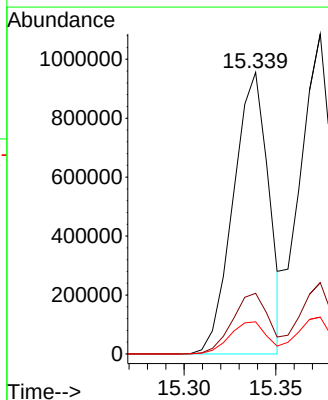
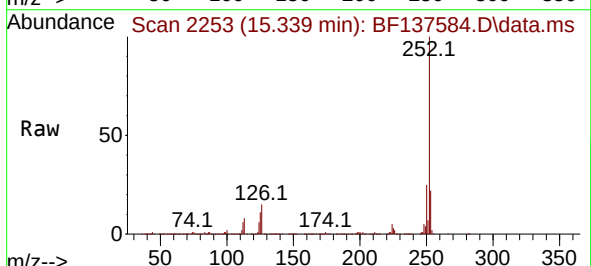
APPROVED

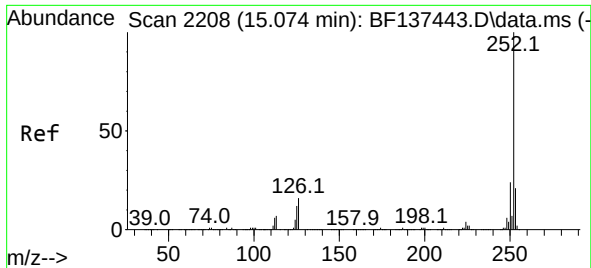
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#88
Benzo(b)fluoranthene
Concen: 47.904 ng m
RT: 15.339 min Scan# 2253
Delta R.T. 0.153 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

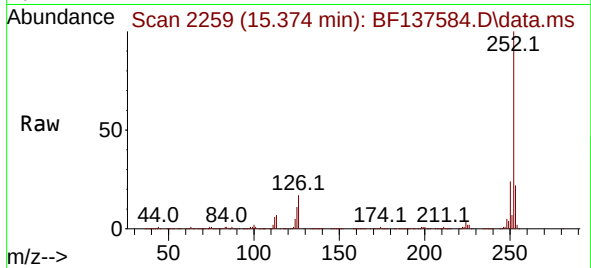
Tgt Ion:252 Resp: 1287089
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 11.4 10.1 15.1





#89
Benzo(k)fluoranthene
Concen: 46.545 ng
RT: 15.374 min Scan# 21
Delta R.T. 0.159 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

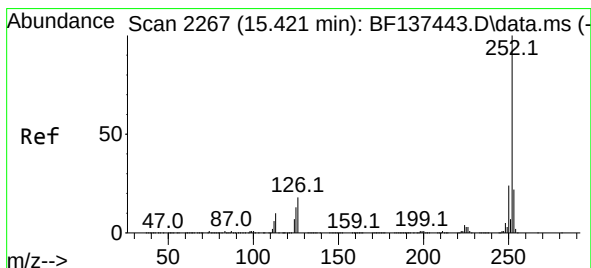
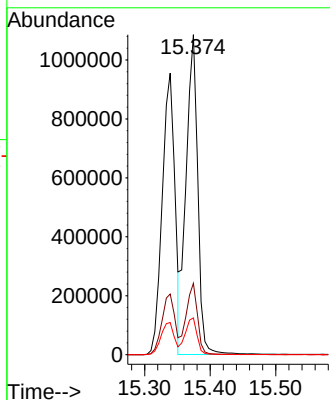
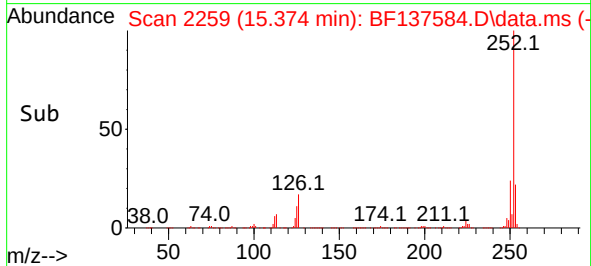
Instrument :
BNA_F
ClientSampleId :
RT-3860MSD



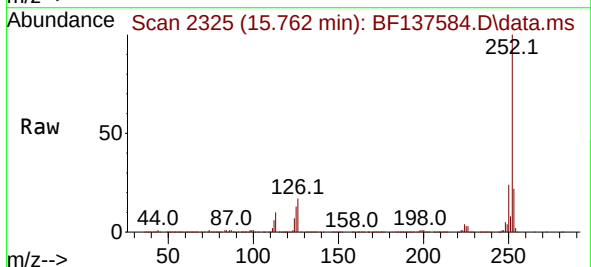
Tgt Ion:252 Resp: 1343238
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 11.5 9.6 14.4

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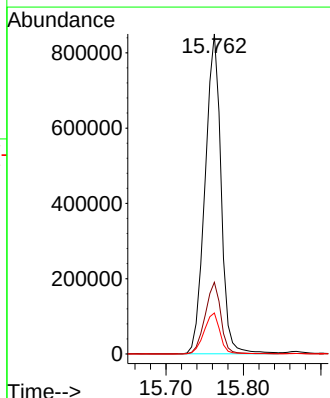
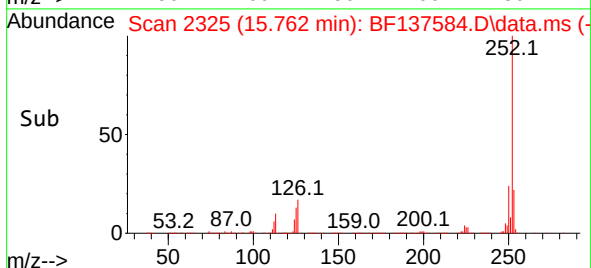
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

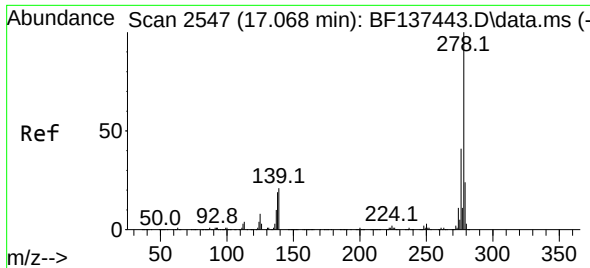


#90
Benzo(a)pyrene
Concen: 45.955 ng
RT: 15.762 min Scan# 2325
Delta R.T. 0.182 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02



Tgt Ion:252 Resp: 1216774
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 12.8 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 40.939 ng
RT: 17.639 min Scan# 20
Delta R.T. 0.329 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Instrument :

BNA_F

ClientSampleId :

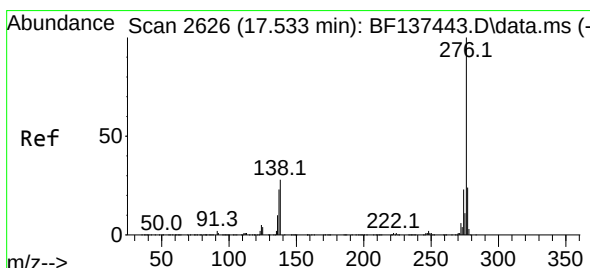
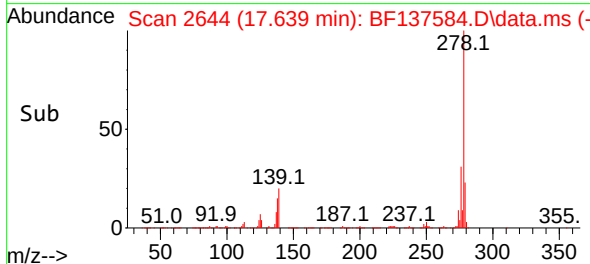
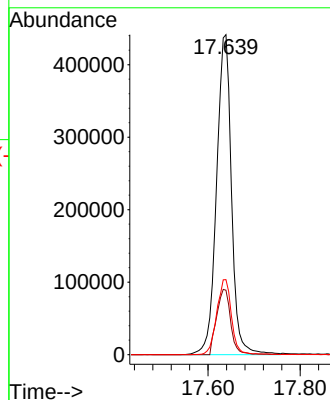
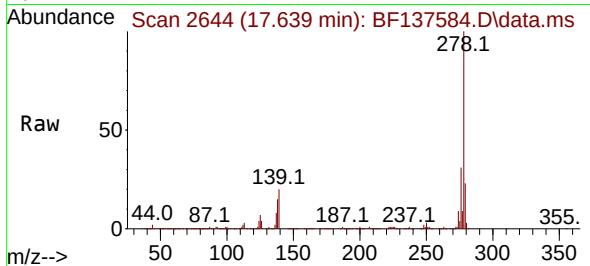
RT-3860MSD

Tgt Ion:278 Resp: 99266
Ion Ratio Lower Upper
278 100
139 20.2 17.0 25.6
279 23.5 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#92
Benzo(g,h,i)perylene
Concen: 35.332 ng
RT: 18.145 min Scan# 2730
Delta R.T. 0.359 min
Lab File: BF137584.D
Acq: 13 Mar 2024 19:02

Tgt Ion:276 Resp: 879811
Ion Ratio Lower Upper
276 100
277 24.6 19.0 28.4
138 26.9 22.2 33.2

