

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031324\
 Data File : BF137583.D
 Acq On : 13 Mar 2024 18:29
 Operator : CG\JU
 Sample : P1725-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MS

Quant Time: Mar 14 04:02:28 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	206963m	20.000	ng	0.09
21) Naphthalene-d8	8.263	136	825045	20.000	ng	0.09
39) Acenaphthene-d10	10.022	164	455134	20.000	ng	0.09
64) Phenanthrene-d10	11.516	188	729263	20.000	ng	0.09
76) Chrysene-d12	14.186	240	421690	20.000	ng	0.09
86) Perylene-d12	15.792	264	474304	20.000	ng	0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.704	112	1421953	104.057	ng	0.14
7) Phenol-d6	6.657	99	1843049	93.437	ng	0.11
23) Nitrobenzene-d5	7.557	82	1302296	73.341	ng	0.09
42) 2,4,6-Tribromophenol	10.822	330	507532	126.983	ng	0.09
45) 2-Fluorobiphenyl	9.339	172	2131685	73.316	ng	0.08
79) Terphenyl-d14	13.122	244	2207805	71.995	ng	0.09
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	239315m	32.029	ng	
3) Pyridine	3.922	79	531925m	29.518	ng	
4) n-Nitrosodimethylamine	3.875	42	261935	36.844	ng	94
6) Aniline	6.681	93	346055	14.358	ng	95
8) 2-Chlorophenol	6.793	128	571587	39.657	ng	96
9) Benzaldehyde	6.569	77	135942	14.067	ng	99
10) Phenol	6.669	94	709876	33.436	ng	95
11) bis(2-Chloroethyl)ether	6.745	93	607366	39.039	ng	100
12) 1,3-Dichlorobenzene	6.945	146	598430	38.855	ng	95
13) 1,4-Dichlorobenzene	7.016	146	609798m	38.697	ng	
14) 1,2-Dichlorobenzene	7.163	146	573023m	39.618	ng	
15) Benzyl Alcohol	7.145	79	531392	43.273	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.263	45	924272	34.562	ng	86
17) 2-Methylphenol	7.251	107	466997	34.626	ng	99
18) Hexachloroethane	7.498	117	205371	39.580	ng	99
19) n-Nitroso-di-n-propyla...	7.410	70	440641	36.176	ng	99
20) 3+4-Methylphenols	7.404	107	549844m	35.597	ng	
22) Acetophenone	7.404	105	770294	38.588	ng	98
24) Nitrobenzene	7.575	77	663047	37.172	ng	97
25) Isophorone	7.810	82	1266611	37.546	ng	98
26) 2-Nitrophenol	7.887	139	291997	41.233	ng	92
27) 2,4-Dimethylphenol	7.922	122	416357	31.465	ng	98
28) bis(2-Chloroethoxy)met...	8.016	93	764216	38.610	ng	100
29) 2,4-Dichlorophenol	8.122	162	489210	40.283	ng	98
30) 1,2,4-Trichlorobenzene	8.204	180	501819	39.266	ng	100
31) Naphthalene	8.287	128	1677134	37.887	ng	99
32) Benzoic acid	8.028	122	85138m	16.005	ng	
33) 4-Chloroaniline	8.339	127	69112	3.982	ng	98
34) Hexachlorobutadiene	8.398	225	285355	37.820	ng	98
35) Caprolactam	8.710	113	155728m	37.817	ng	
36) 4-Chloro-3-methylphenol	8.828	107	554284	40.832	ng	98
37) 2-Methylnaphthalene	8.975	142	1040572	36.874	ng	100
38) 1-Methylnaphthalene	9.075	142	971445	36.554	ng	100
40) 1,2,4,5-Tetrachloroben...	9.139	216	513259	40.394	ng	100
41) Hexachlorocyclopentadiene	9.122	237	343146	67.600	ng	99
43) 2,4,6-Trichlorophenol	9.257	196	353597	42.734	ng	98

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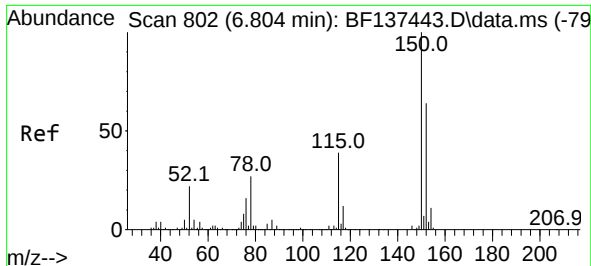
Quant Time: Mar 14 04:02:28 2024
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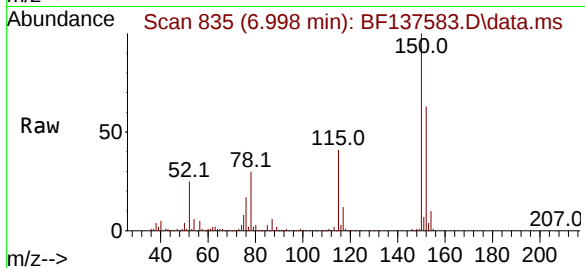
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.304	196	371892	39.017	ng	97
46) 1,1'-Biphenyl	9.439	154	1321415	39.668	ng	99
47) 2-Chloronaphthalene	9.463	162	1038514	40.890	ng	99
48) 2-Nitroaniline	9.569	65	383147	44.385	ng	98
49) Acenaphthylene	9.881	152	1624882	39.978	ng	100
50) Dimethylphthalate	9.751	163	1344984	42.452	ng	99
51) 2,6-Dinitrotoluene	9.816	165	288719	43.569	ng	# 81
52) Acenaphthene	10.057	154	929406	38.302	ng	99
53) 3-Nitroaniline	9.981	138	150694	21.499	ng	93
54) 2,4-Dinitrophenol	10.092	184	98563	35.584	ng	92
55) Dibenzofuran	10.228	168	1441939	39.016	ng	100
56) 4-Nitrophenol	10.157	139	353806	71.460	ng	99
57) 2,4-Dinitrotoluene	10.222	165	354572	43.551	ng	94
58) Fluorene	10.575	166	1082628	38.144	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.351	232	319327	41.778	ng	95
60) Diethylphthalate	10.457	149	1259534	42.099	ng	99
61) 4-Chlorophenyl-phenyle...	10.569	204	538988	38.748	ng	93
62) 4-Nitroaniline	10.604	138	241506	40.088	ng	94
63) Azobenzene	10.728	77	1371208	39.802	ng	99
65) 4,6-Dinitro-2-methylph...	10.628	198	110918	27.289	ng	92
66) n-Nitrosodiphenylamine	10.692	169	1021077	43.481	ng	99
67) 4-Bromophenyl-phenylether	11.057	248	365727	46.044	ng	96
68) Hexachlorobenzene	11.122	284	381418	47.543	ng	93
69) Atrazine	11.228	200	343181	48.072	ng	98
70) Pentachlorophenol	11.322	266	324490	66.908	ng	99
71) Phenanthrene	11.539	178	1642822	41.393	ng	99
72) Anthracene	11.592	178	1697205	41.637	ng	99
73) Carbazole	11.757	167	1469489	42.087	ng	99
74) Di-n-butylphthalate	12.092	149	1884363	45.361	ng	100
75) Fluoranthene	12.739	202	1510173	38.928	ng	99
77) Benzidine	12.869	184	397931	38.560	ng	98
78) Pyrene	12.969	202	1538960	37.193	ng	100
80) Butylbenzylphthalate	13.604	149	612305	57.944	ng	98
81) Benzo(a)anthracene	14.174	228	1274350	43.117	ng	99
82) 3,3'-Dichlorobenzidine	14.139	252	224784	28.559	ng	99
83) Chrysene	14.210	228	1311562	43.906	ng	99
84) Bis(2-ethylhexyl)phtha...	14.174	149	816873	60.819	ng	100
85) Di-n-octyl phthalate	14.821	149	1563529	58.953	ng	97
87) Indeno(1,2,3-cd)pyrene	17.539	276	1210201	38.773	ng	98
88) Benzo(b)fluoranthene	15.304	252	1302490m	46.423	ng	
89) Benzo(k)fluoranthene	15.339	252	1289809	42.800	ng	99
90) Benzo(a)pyrene	15.727	252	1205760	43.610	ng	99
91) Dibenzo(a,h)anthracene	17.574	278	984103	38.867	ng	98
92) Benzo(g,h,i)perylene	18.074	276	887740	34.140	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng m
RT: 6.998 min Scan# 81
Delta R.T. 0.094 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

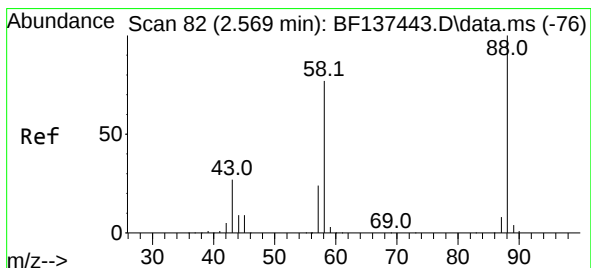
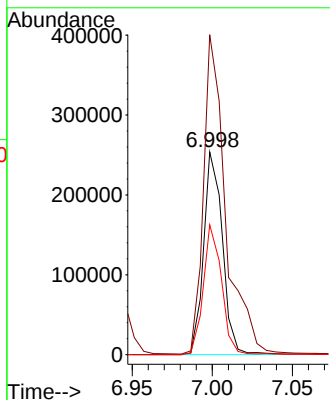
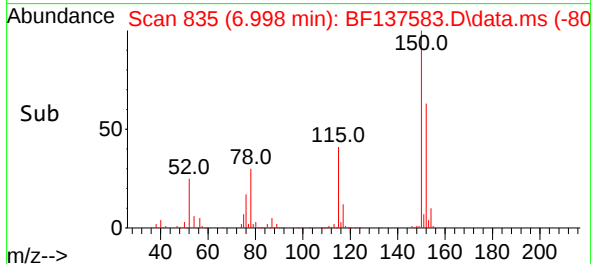
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:152 Resp: 20696
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 64.1 48.8 73.2

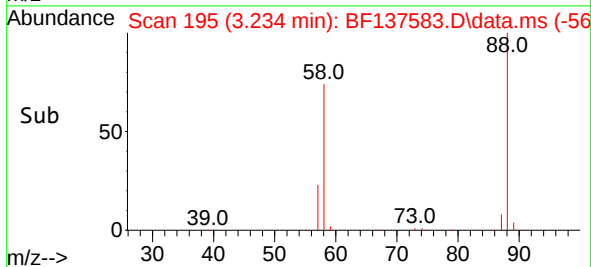
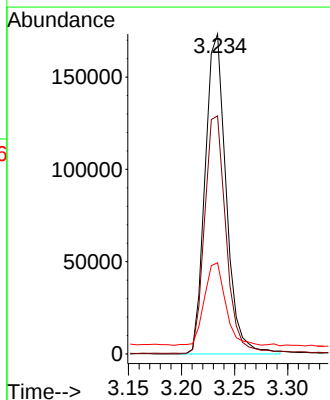
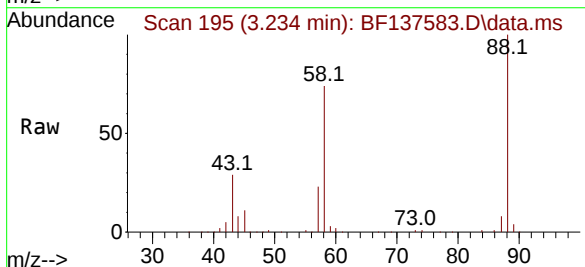
Manual Integrations
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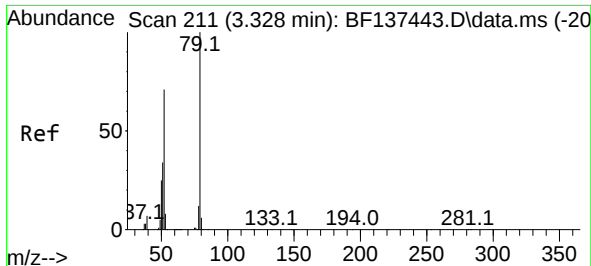
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#2
1,4-Dioxane
Concen: 32.029 ng m
RT: 3.234 min Scan# 195
Delta R.T. 0.465 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Tgt Ion: 88 Resp: 239315
Ion Ratio Lower Upper
88 100
58 0.4 61.8 92.8#
43 0.0 22.2 33.4#





#3

Pyridine

Concen: 29.518 ng m

RT: 3.922 min Scan# 312

Delta R.T. 0.353 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

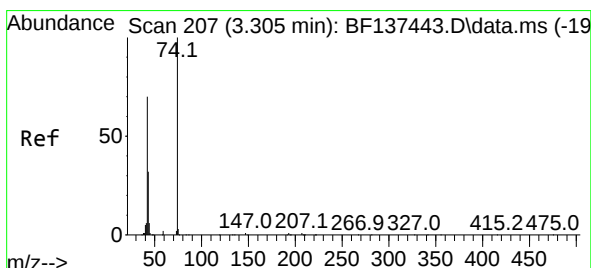
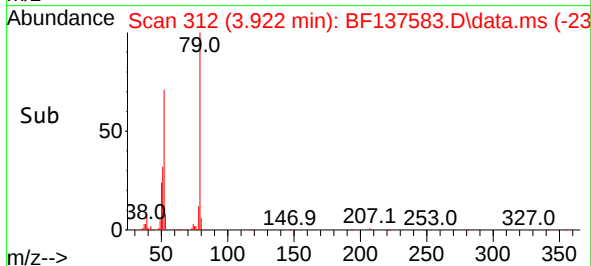
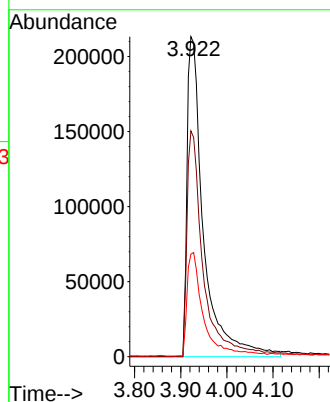
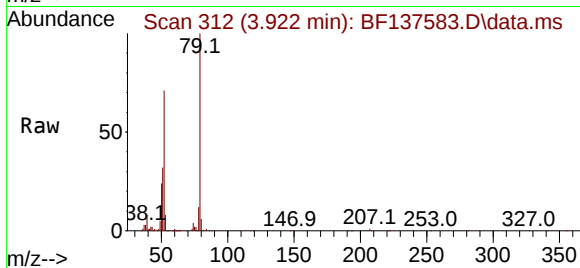
Tgt Ion: 79 Resp: 53192

Ion	Ratio	Lower	Upper
79	100		
52	70.6	57.0	85.4
51	32.0	27.5	41.3

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 36.844 ng

RT: 3.875 min Scan# 304

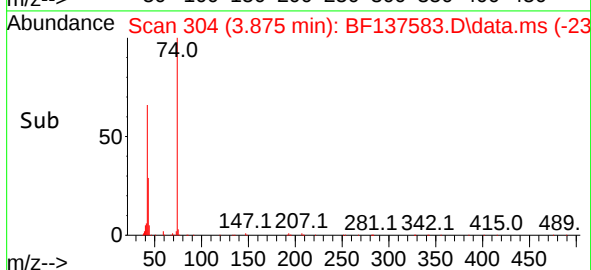
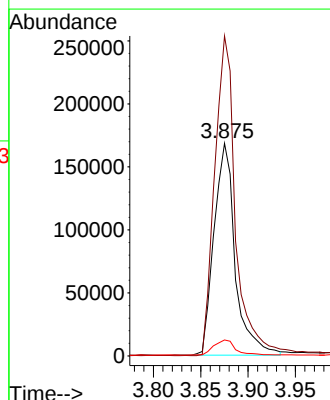
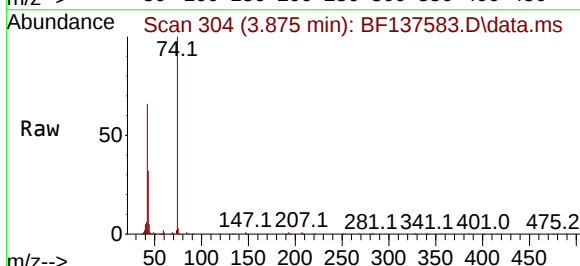
Delta R.T. 0.318 min

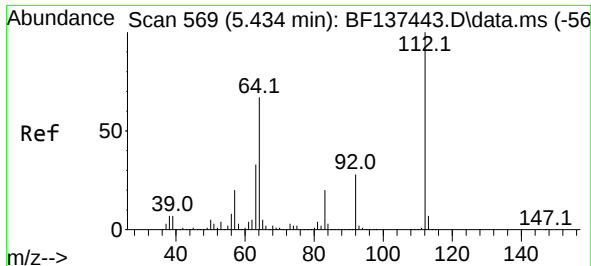
Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

Tgt Ion: 42 Resp: 261935

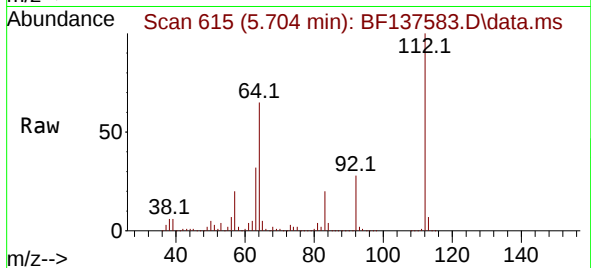
Ion	Ratio	Lower	Upper
42	100		
74	150.4	114.0	171.0
44	7.5	7.0	10.4





#5
2-Fluorophenol
Concen: 104.057 ng
RT: 5.704 min Scan# 615
Delta R.T. 0.135 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

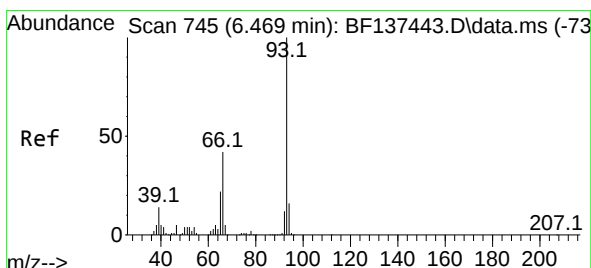
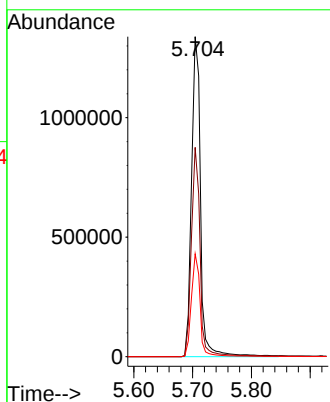
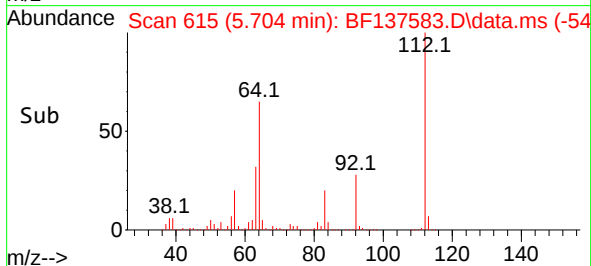
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:112 Resp: 142195
Ion Ratio Lower Upper
112 100
64 65.4 53.4 80.2
63 32.2 26.2 39.2

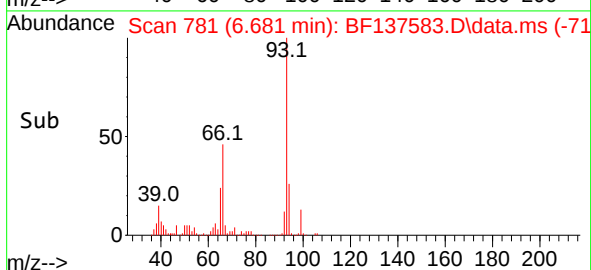
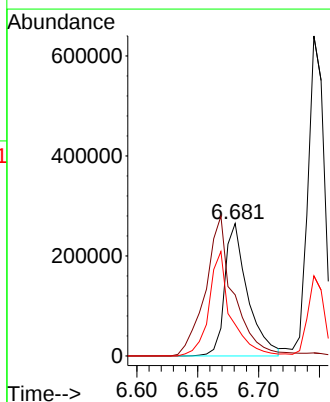
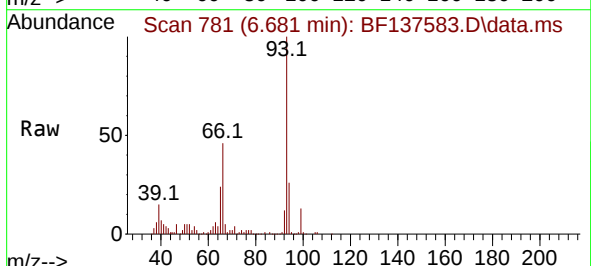
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#6
Aniline
Concen: 14.358 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.100 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Tgt Ion: 93 Resp: 346055
Ion Ratio Lower Upper
93 100
66 46.1 34.0 51.0
65 23.8 17.8 26.8





#7

Phenol-d6

Concen: 93.437 ng

RT: 6.657 min Scan# 71

Delta R.T. 0.106 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion: 99 Resp: 1843049

Ion Ratio Lower Upper

99 100

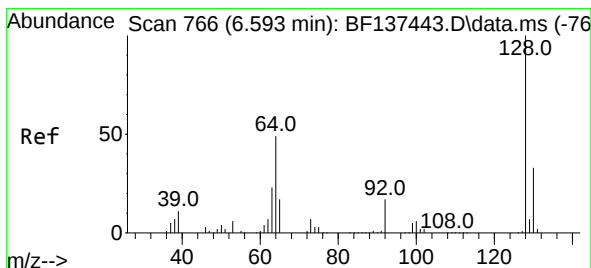
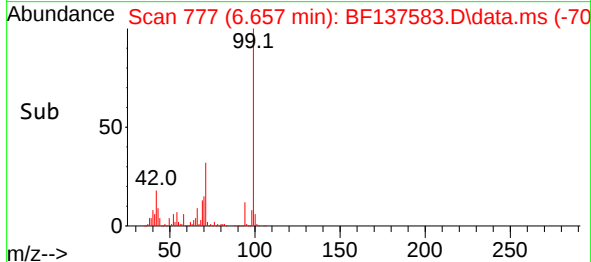
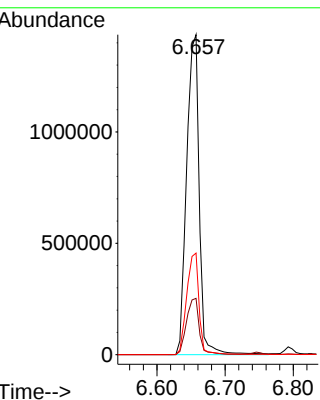
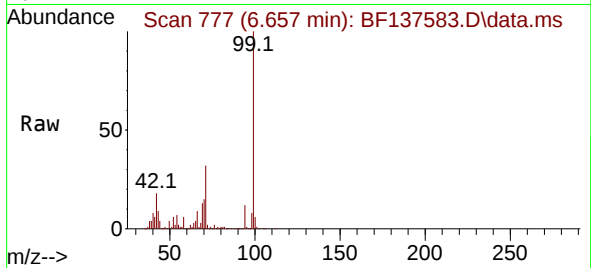
42 17.6 14.6 21.8

71 31.8 25.3 37.9

Manual Integrations

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Supervised By :mohammad ahmed 03/15/2024



#8

2-Chlorophenol

Concen: 39.657 ng

RT: 6.793 min Scan# 800

Delta R.T. 0.094 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

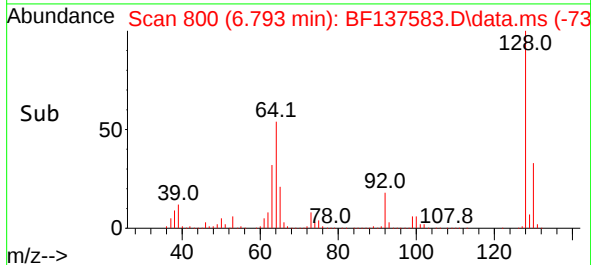
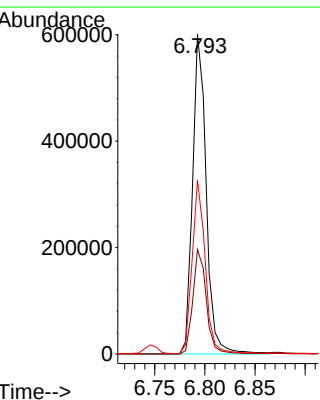
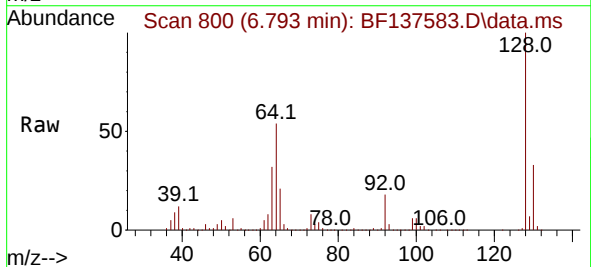
Tgt Ion:128 Resp: 571587

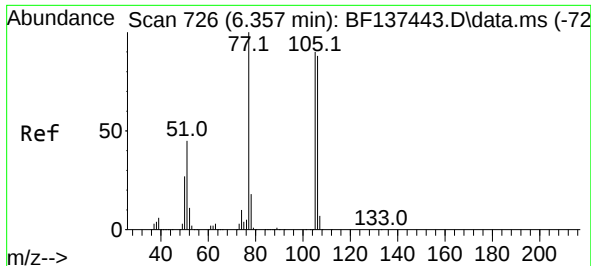
Ion Ratio Lower Upper

128 100

130 32.6 13.4 53.4

64 54.4 30.0 70.0





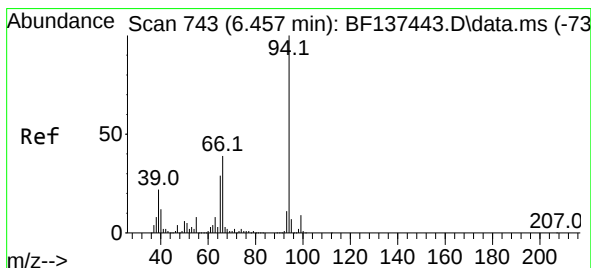
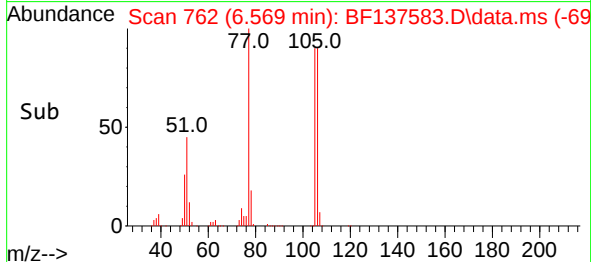
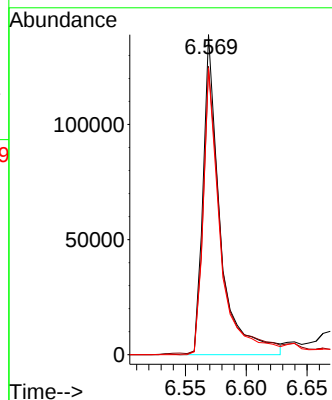
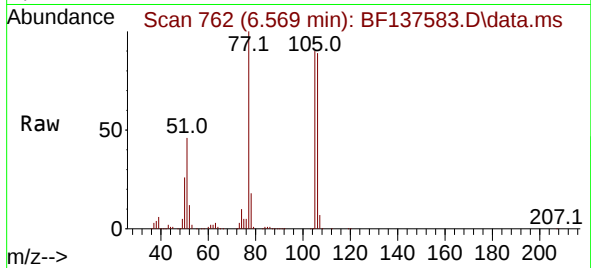
#9
Benzaldehyde
Concen: 14.067 ng
RT: 6.569 min Scan# 710
Delta R.T. 0.100 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Instrument :
BNA_F
ClientSampleId :
RT-3860MS

Tgt Ion: 77 Resp: 13594
Ion Ratio Lower Upper
77 100
105 90.1 69.8 109.8
106 89.5 67.8 107.8

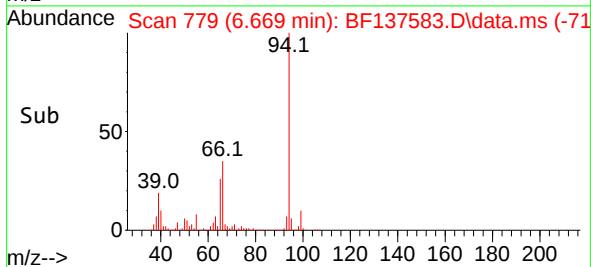
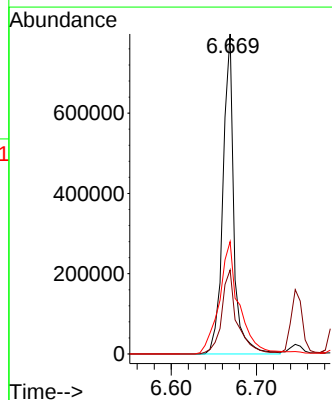
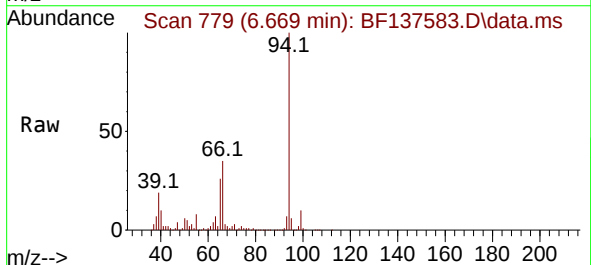
Manual Integrations
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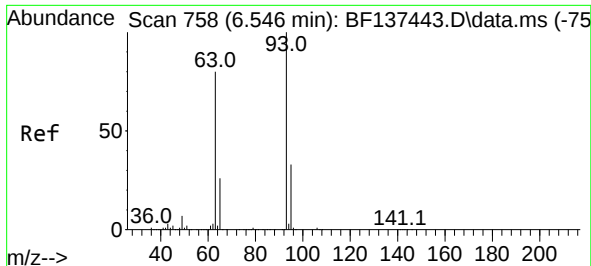
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#10
Phenol
Concen: 33.436 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.106 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Tgt Ion: 94 Resp: 709876
Ion Ratio Lower Upper
94 100
65 26.2 8.7 48.7
66 35.1 18.6 58.6





#11

bis(2-Chloroethyl)ether

Concen: 39.039 ng

RT: 6.745 min Scan# 792

Delta R.T. 0.094 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

Instrument :

BNA_F

ClientSampleId :

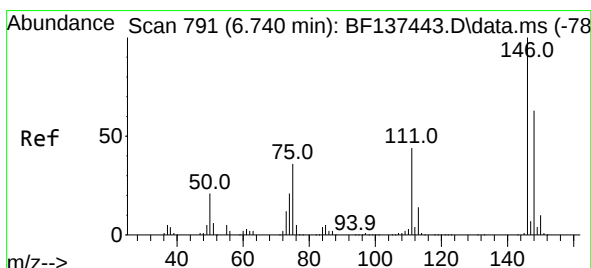
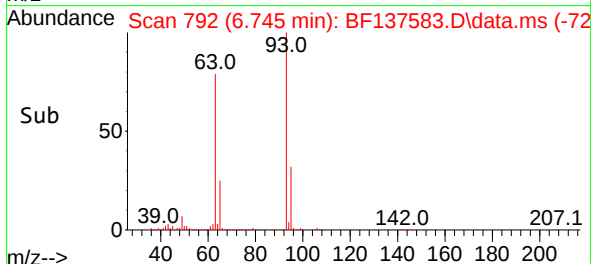
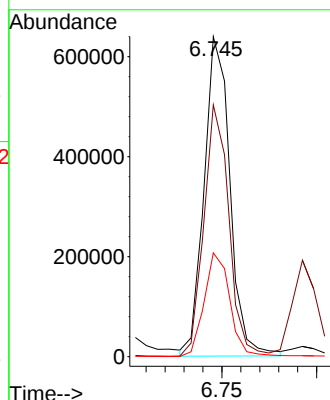
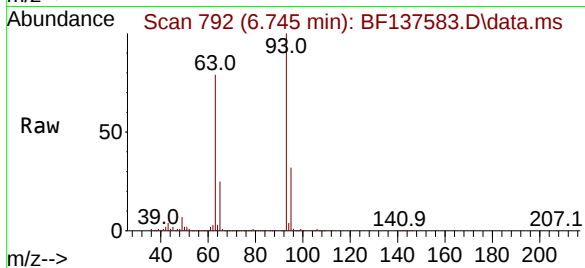
RT-3860MS

Tgt Ion: 93 Resp: 607360
 Ion Ratio Lower Upper
 93 100
 63 78.7 58.9 98.9
 95 32.4 12.2 52.2

Manual Integrations

APPROVED

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



#12

1,3-Dichlorobenzene

Concen: 38.855 ng

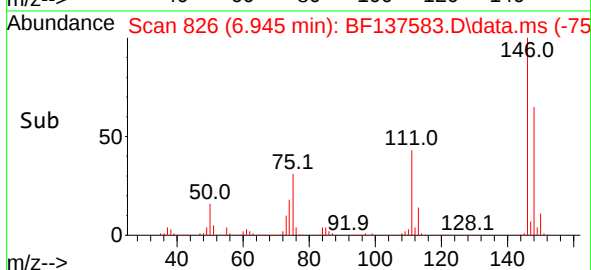
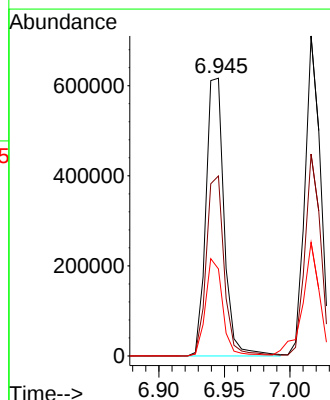
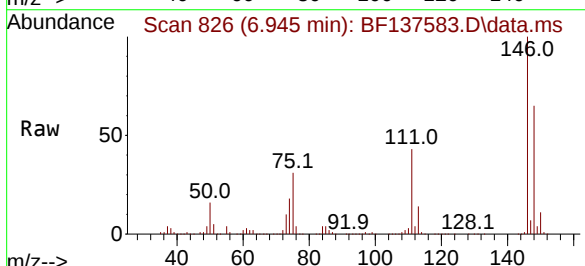
RT: 6.945 min Scan# 826

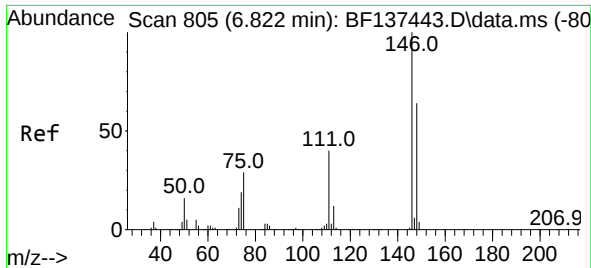
Delta R.T. 0.100 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

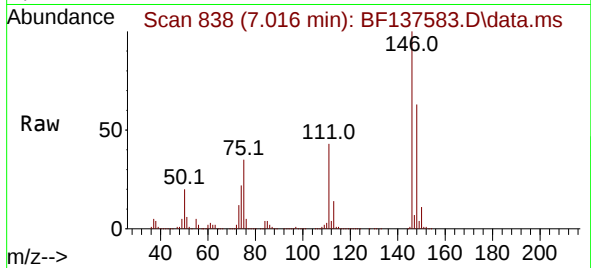
Tgt Ion:146 Resp: 598430
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.3 75.5
 75 31.3 29.0 43.4





#13
1,4-Dichlorobenzene
Concen: 38.697 ng m
RT: 7.016 min Scan# 805
Delta R.T. 0.094 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

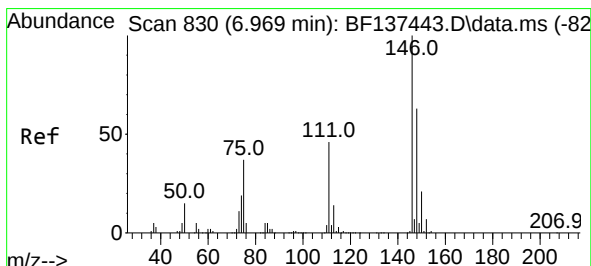
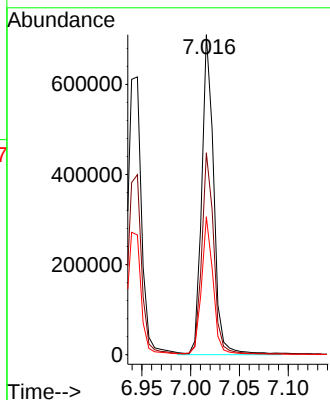
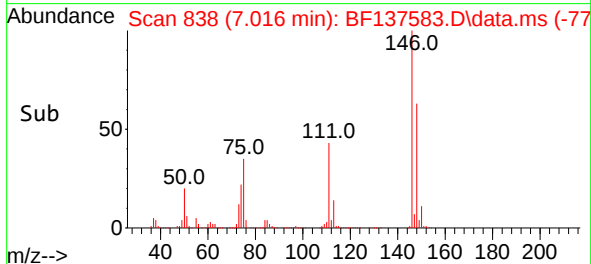
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



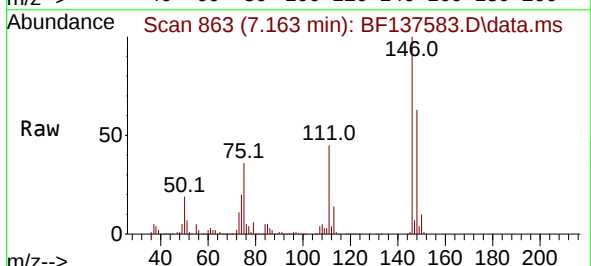
Tgt Ion:146 Resp: 609798
Ion Ratio Lower Upper
146 100
148 63.1 51.2 76.8
111 43.1 32.4 48.6

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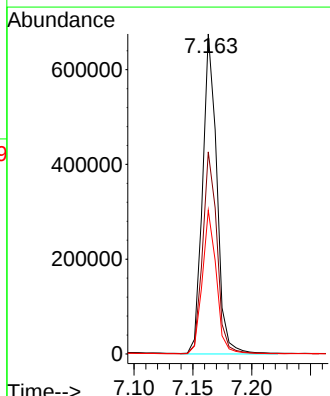
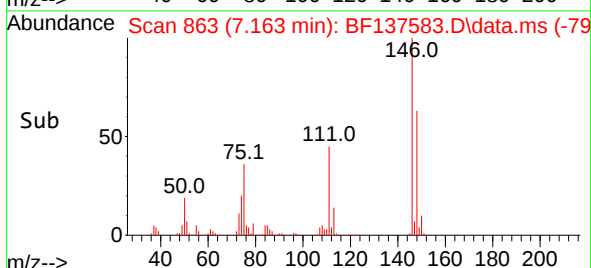
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

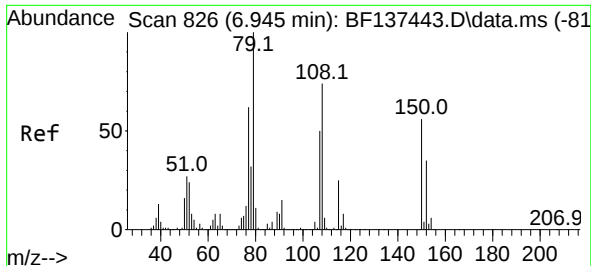


#14
1,2-Dichlorobenzene
Concen: 39.618 ng m
RT: 7.163 min Scan# 863
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29



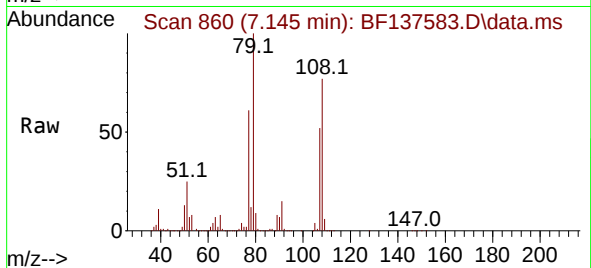
Tgt Ion:146 Resp: 573023
Ion Ratio Lower Upper
146 100
148 63.1 50.0 75.0
111 44.9 36.8 55.2





#15
Benzyl Alcohol
Concen: 43.273 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.094 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

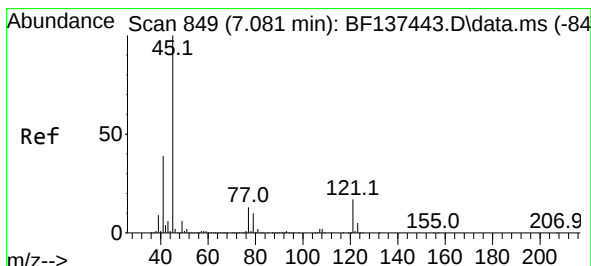
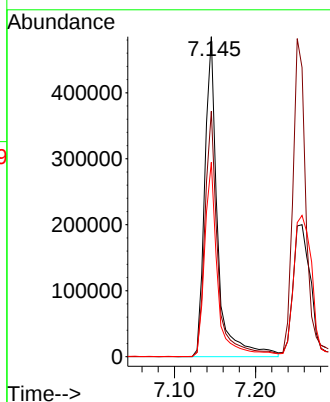
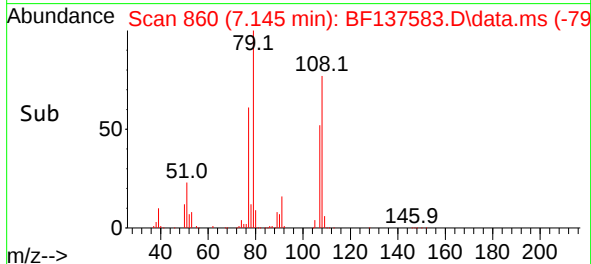
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



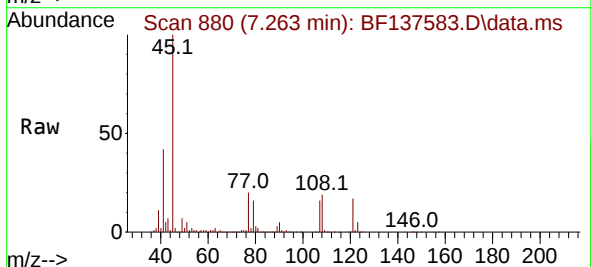
Tgt Ion: 79 Resp: 531392
Ion Ratio Lower Upper
79 100
108 76.7 59.5 89.3
77 60.8 50.0 75.0

Manual Integrations
APPROVED

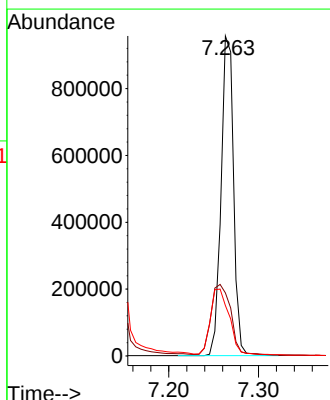
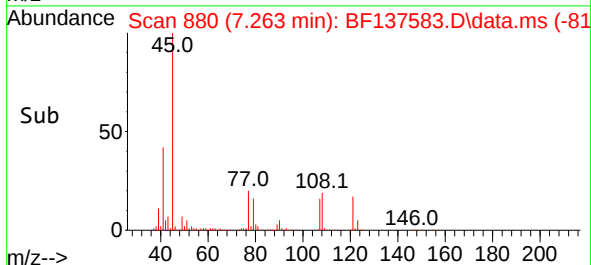
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.562 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.082 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29



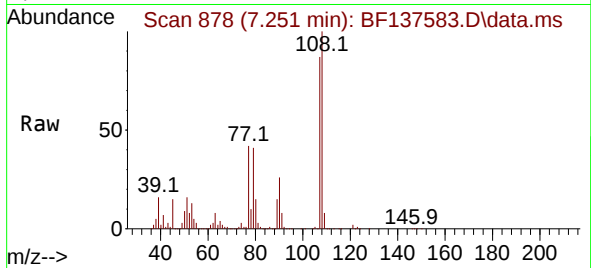
Tgt Ion: 45 Resp: 924272
Ion Ratio Lower Upper
45 100
77 19.7 0.0 33.4
79 15.7 0.0 30.9





#17
2-Methylphenol
Concen: 34.626 ng
RT: 7.251 min Scan# 81
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

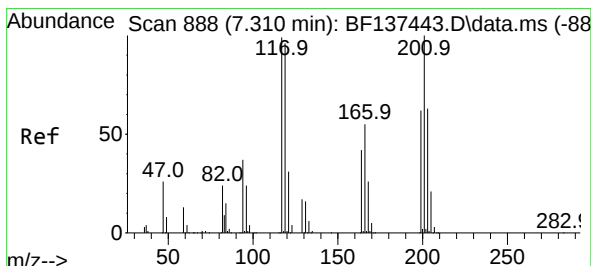
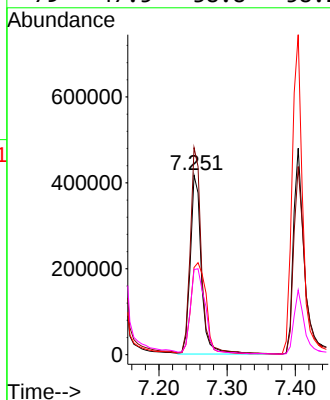
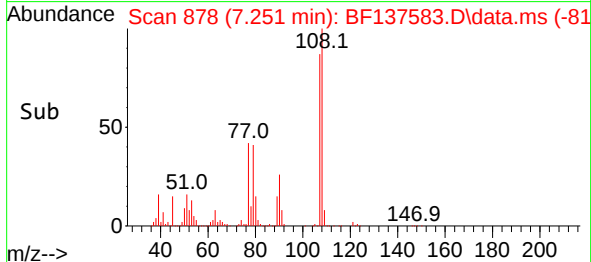
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:	107	Resp:	46699
Ion Ratio	Lower	Upper	
107	100		
108	115.4	92.2	138.4
77	48.7	38.6	57.8
79	47.5	38.8	58.2

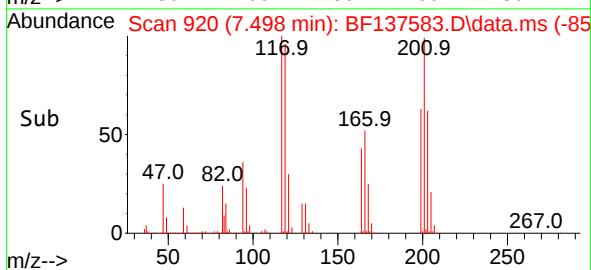
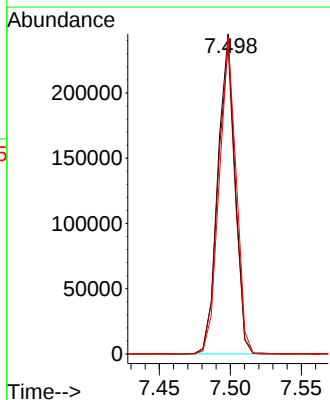
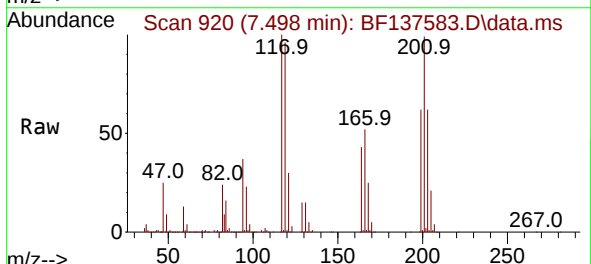
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 39.580 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.094 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

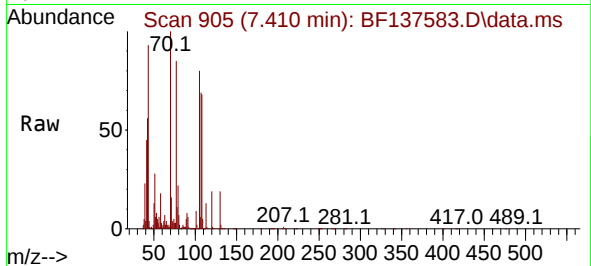
Tgt Ion:	117	Resp:	205371
Ion Ratio	Lower	Upper	
117	100		
119	96.3	77.5	116.3
201	99.0	80.6	121.0





#19
n-Nitroso-di-n-propylamine
Concen: 36.176 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

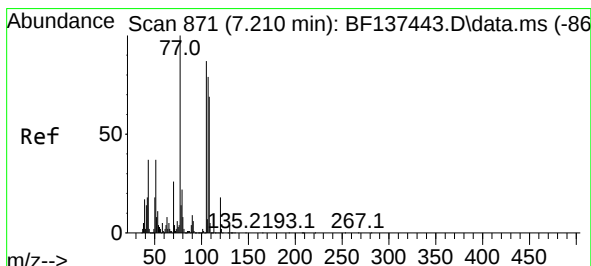
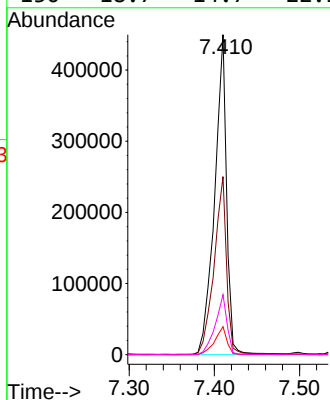
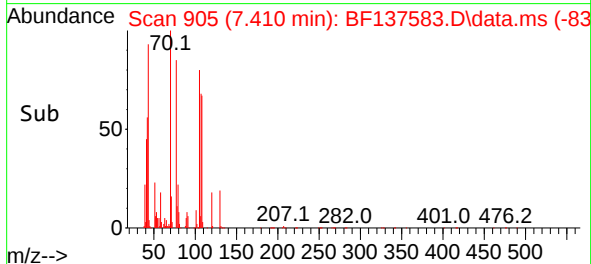
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



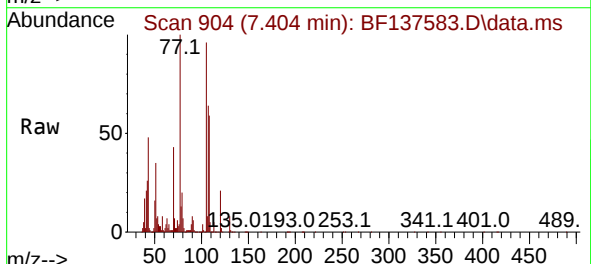
Tgt Ion: 70 Resp: 44064
Ion Ratio Lower Upper
70 100
42 55.6 45.2 67.8
101 8.7 7.3 10.9
130 18.7 14.7 22.1

Manual Integrations
APPROVED

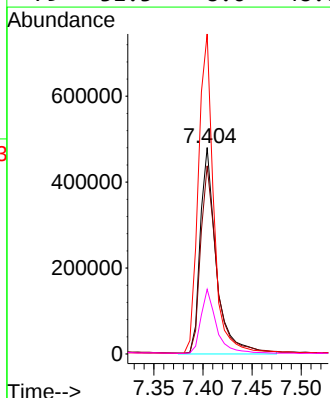
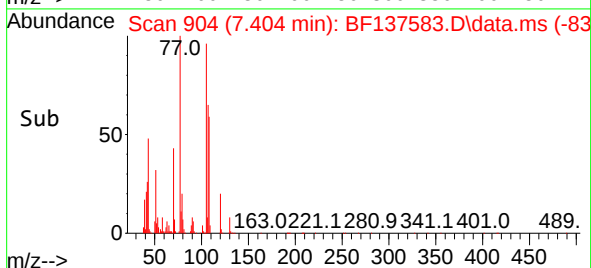
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

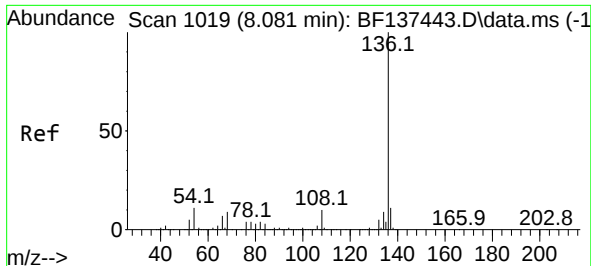


#20
3+4-Methylphenols
Concen: 35.597 ng m
RT: 7.404 min Scan# 904
Delta R.T. 0.094 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29



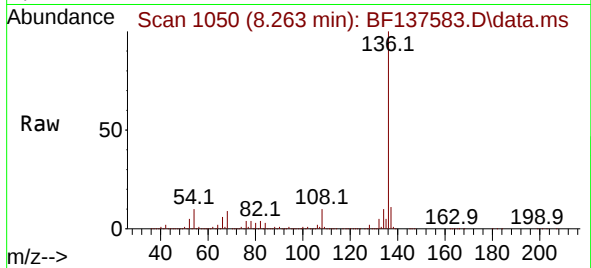
Tgt Ion:107 Resp: 549844
Ion Ratio Lower Upper
107 100
108 91.2 67.6 107.6
77 155.1 107.1 147.1#
79 31.3 8.6 48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 1019
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

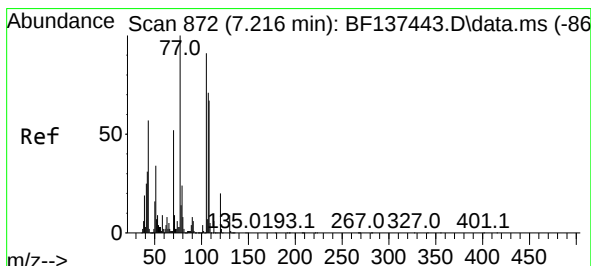
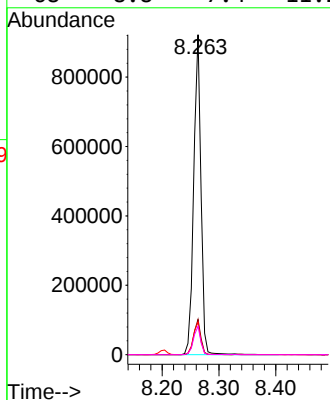
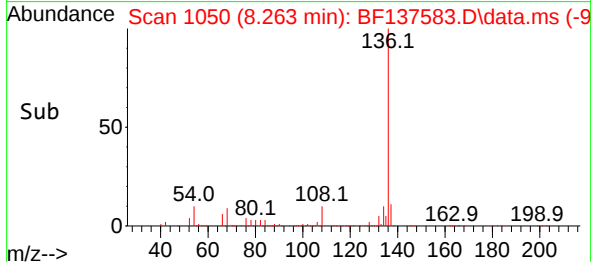
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:136 Resp: 825045
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 10.2 8.5 12.7
68 8.8 7.4 11.2

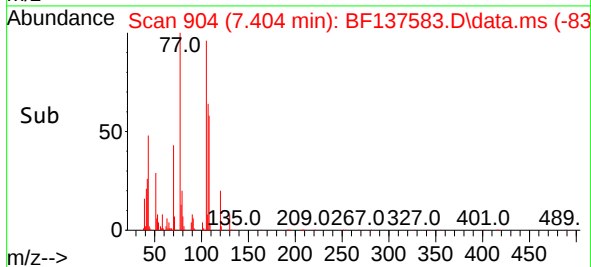
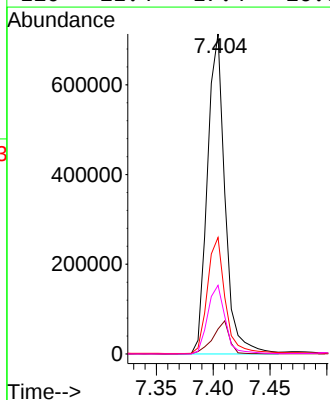
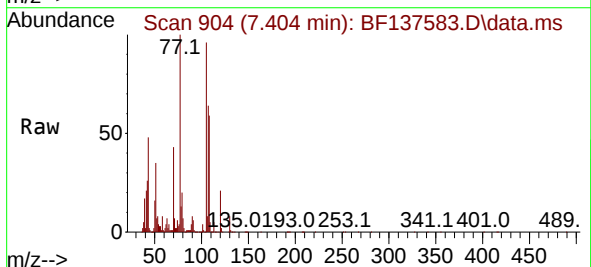
Manual Integrations
APPROVED

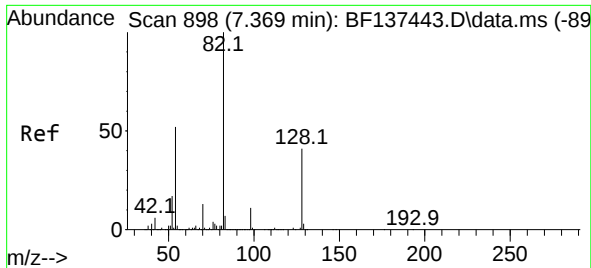
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#22
Acetophenone
Concen: 38.588 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Tgt Ion:105 Resp: 770294
Ion Ratio Lower Upper
105 100
71 7.8 7.7 11.5
51 36.4 30.4 45.6
120 21.4 17.4 26.0





#23
Nitrobenzene-d5
Concen: 73.341 ng
RT: 7.557 min Scan# 91
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Instrument :

BNA_F

ClientSampleId :

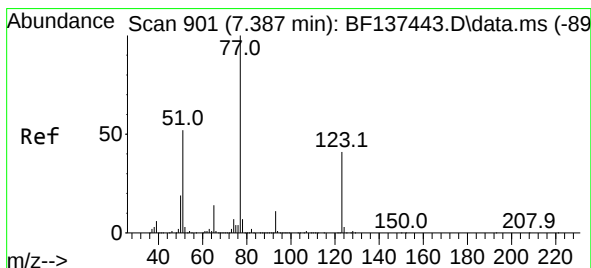
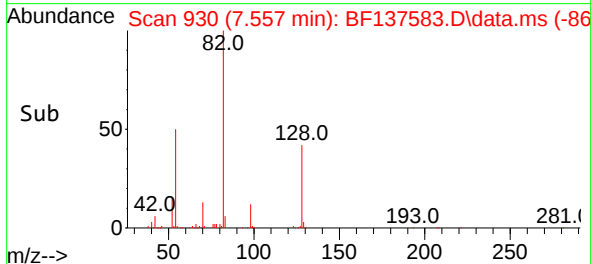
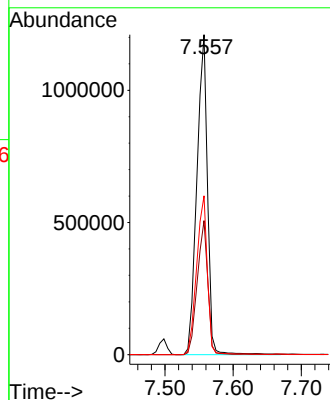
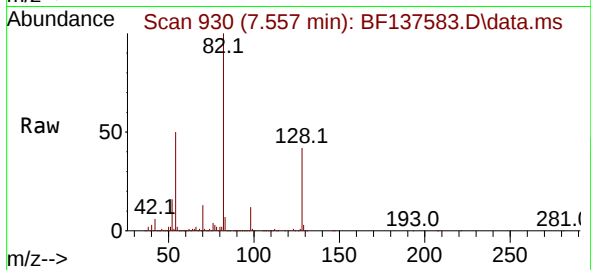
RT-3860MS

Tgt Ion: 82 Resp: 1302290
Ion Ratio Lower Upper
82 100
128 41.9 32.5 48.7
54 49.7 41.5 62.3

Manual Integrations

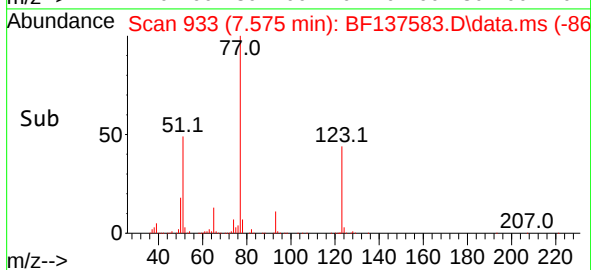
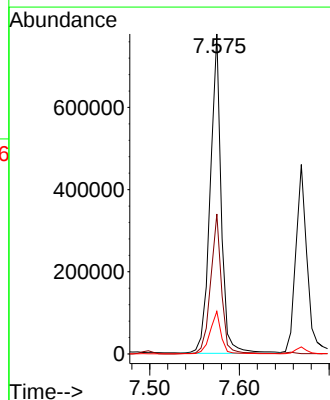
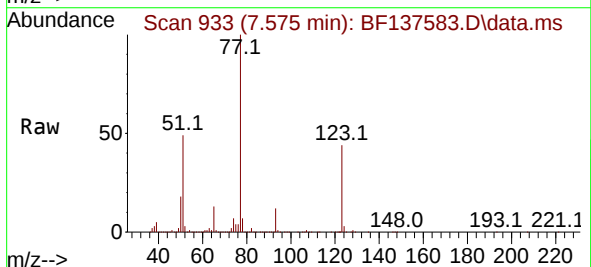
APPROVED

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



#24
Nitrobenzene
Concen: 37.172 ng
RT: 7.575 min Scan# 933
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Tgt Ion: 77 Resp: 663047
Ion Ratio Lower Upper
77 100
123 43.8 33.0 49.6
65 13.3 10.9 16.3





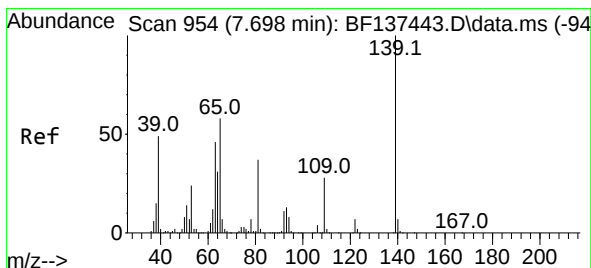
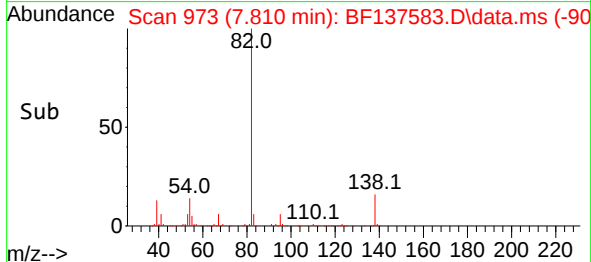
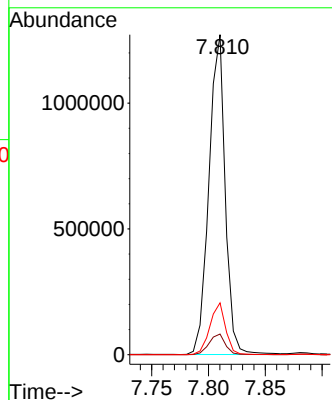
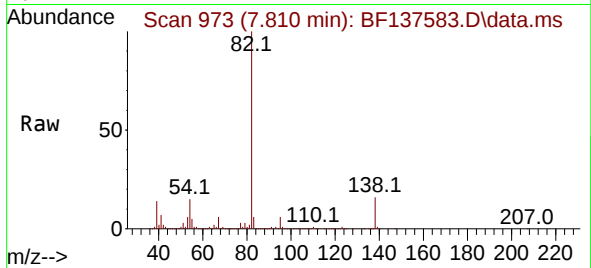
#25
Isophorone
Concen: 37.546 ng
RT: 7.810 min Scan# 910
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Instrument :
BNA_F
ClientSampleId :
RT-3860MS

Tgt Ion: 82 Resp: 126661
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 16.2 11.8 17.8

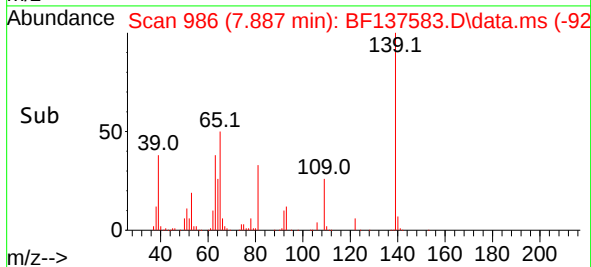
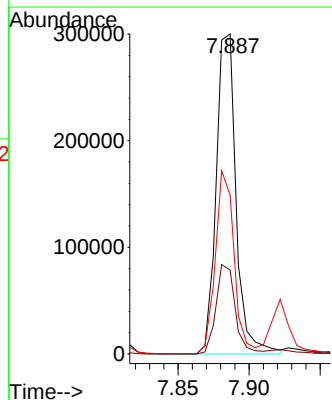
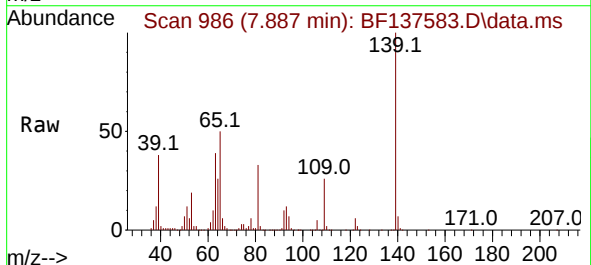
Manual Integrations
APPROVED

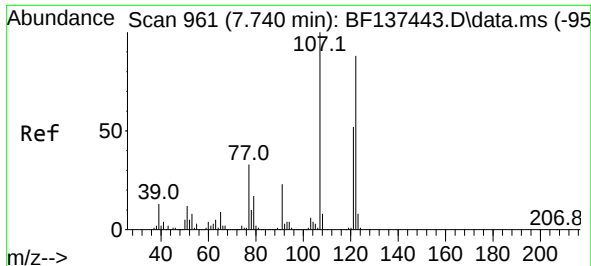
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#26
2-Nitrophenol
Concen: 41.233 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Tgt Ion:139 Resp: 291997
Ion Ratio Lower Upper
139 100
109 26.2 22.2 33.4
65 49.7 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 31.465 ng

RT: 7.922 min Scan# 90

Delta R.T. 0.088 min

Lab File: BF137583.D

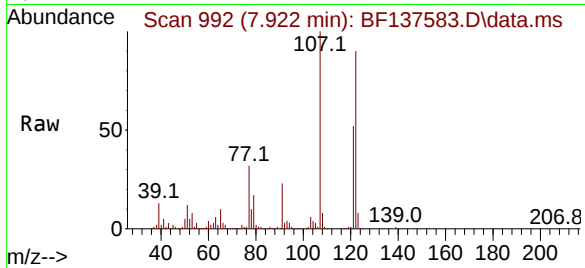
Acq: 13 Mar 2024 18:29

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

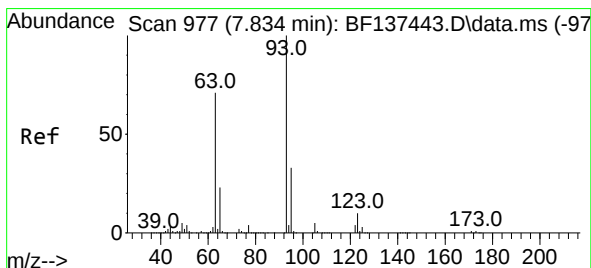
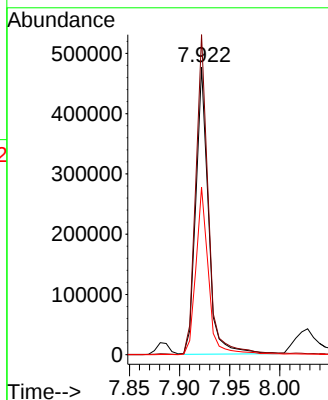
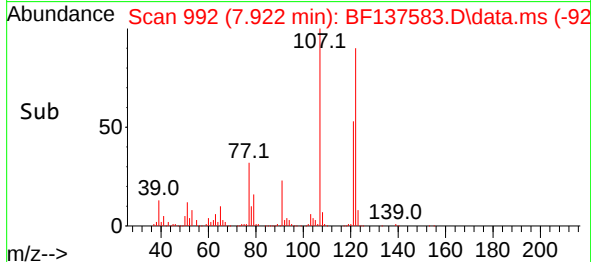


Tgt Ion:	122	Resp:	41635
Ion	Ratio	Lower	Upper
122	100		
107	111.4	90.9	136.3
121	58.3	47.0	70.6

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 38.610 ng

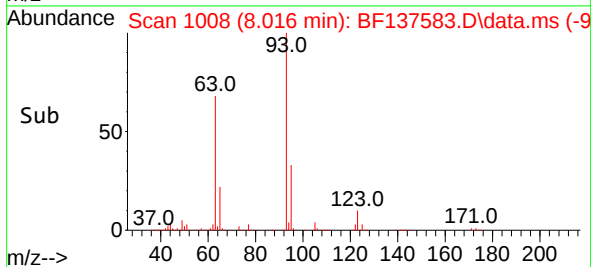
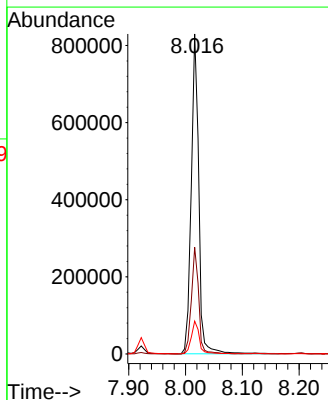
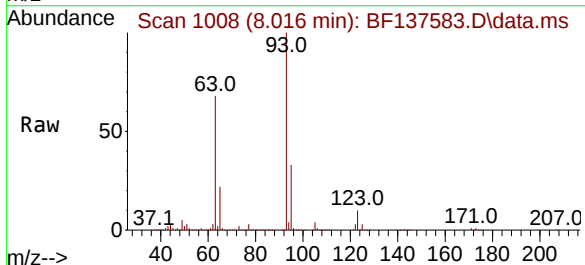
RT: 8.016 min Scan# 1008

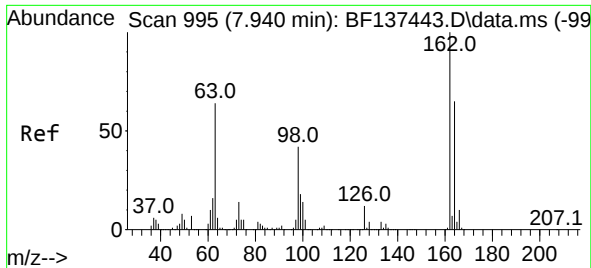
Delta R.T. 0.082 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

Tgt Ion:	93	Resp:	764216
Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.5	39.7
123	10.2	8.0	12.0





#29
2,4-Dichlorophenol
Concen: 40.283 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.082 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Instrument :

BNA_F

ClientSampleId :

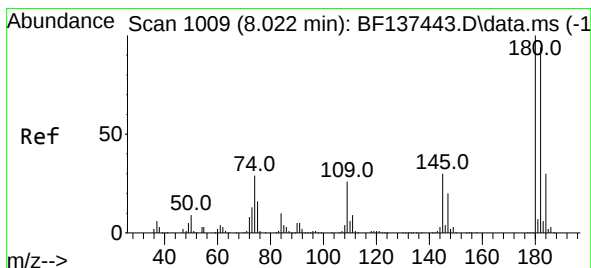
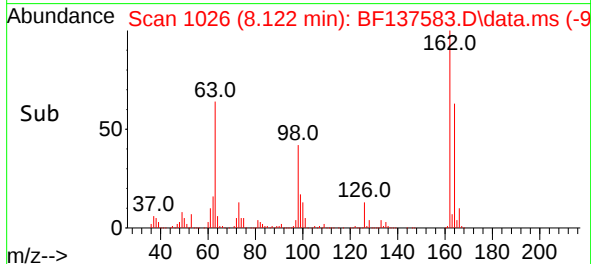
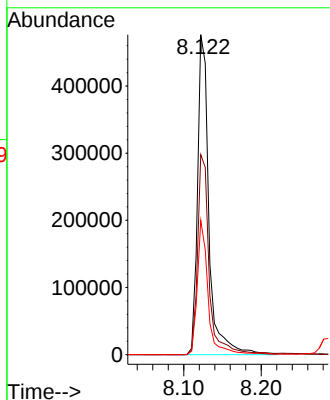
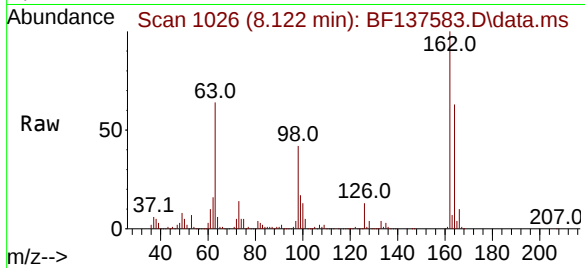
RT-3860MS

Tgt Ion:162 Resp: 489210
Ion Ratio Lower Upper
162 100
164 62.5 44.7 84.7
98 42.0 22.0 62.0

Manual Integrations

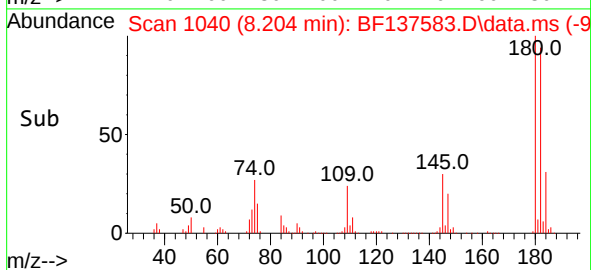
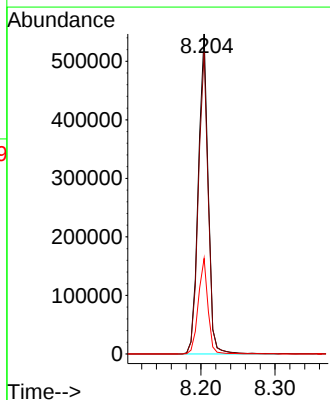
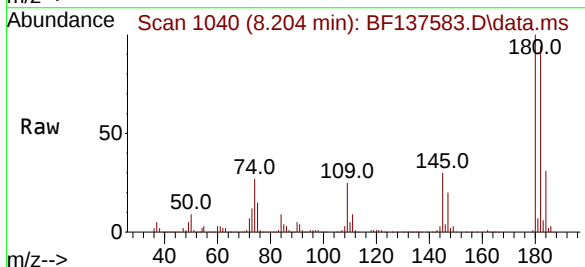
APPROVED

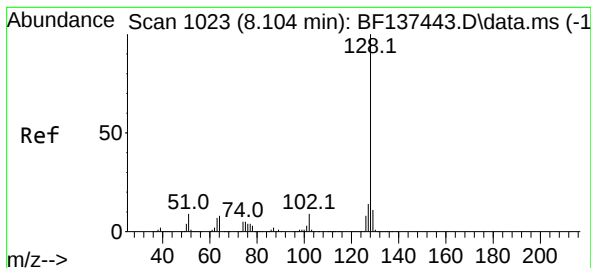
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#30
1,2,4-Trichlorobenzene
Concen: 39.266 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Tgt Ion:180 Resp: 501819
Ion Ratio Lower Upper
180 100
182 94.2 75.0 112.6
145 29.9 23.7 35.5





#31

Naphthalene

Concen: 37.887 ng

RT: 8.287 min Scan# 1010

Delta R.T. 0.088 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:128 Resp: 1677134

Ion Ratio Lower Upper

128 100

129 11.1 9.2 13.8

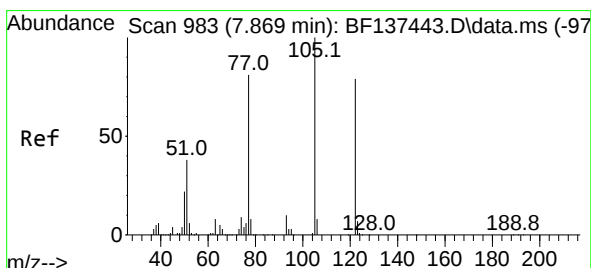
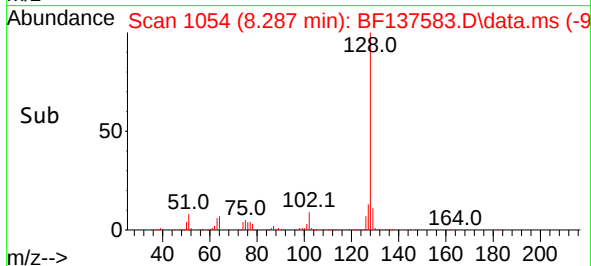
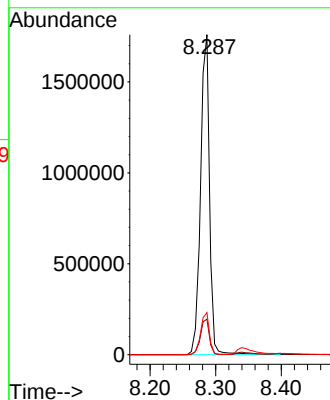
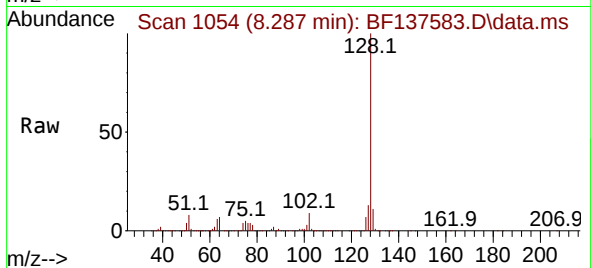
127 13.2 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024

Supervised By :mohammad ahmed 03/15/2024



#32

Benzoic acid

Concen: 16.005 ng m

RT: 8.028 min Scan# 1010

Delta R.T. 0.059 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

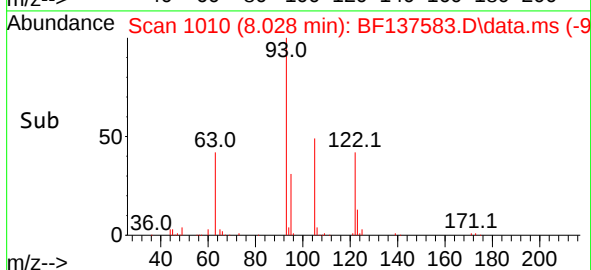
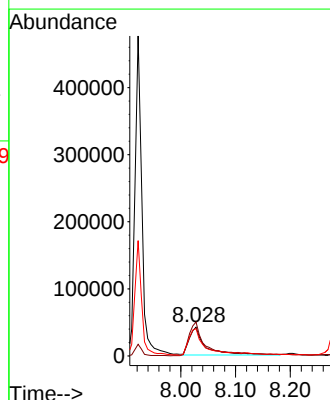
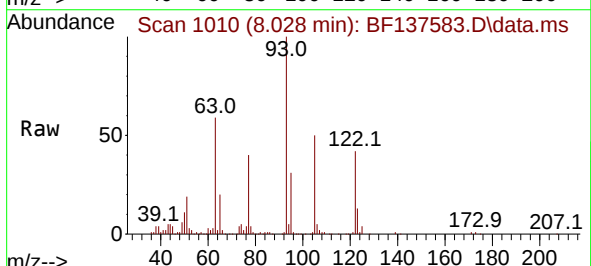
Tgt Ion:122 Resp: 85138

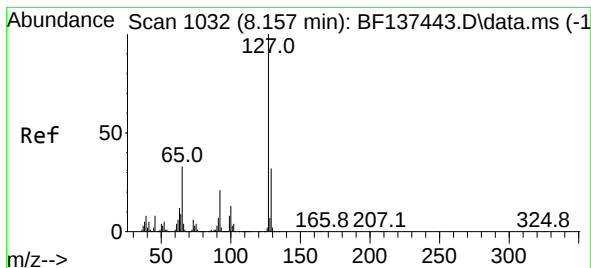
Ion Ratio Lower Upper

122 100

105 117.5 102.4 142.4

77 95.0 81.1 121.1





#33

4-Chloroaniline

Concen: 3.982 ng

RT: 8.339 min Scan# 1063

Delta R.T. 0.088 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

Instrument :

BNA_F

ClientSampleId :

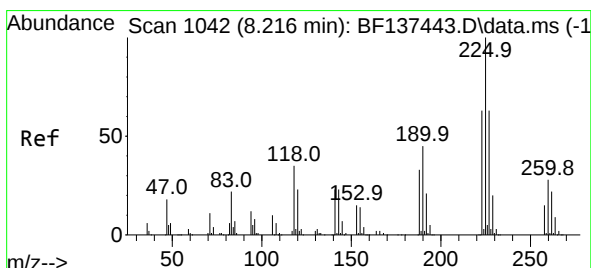
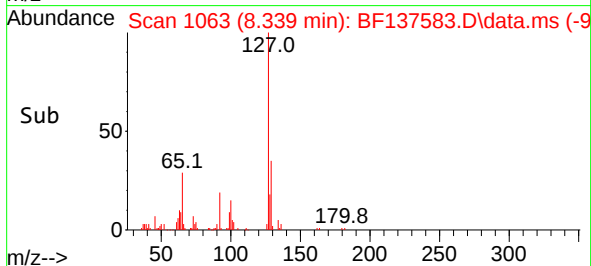
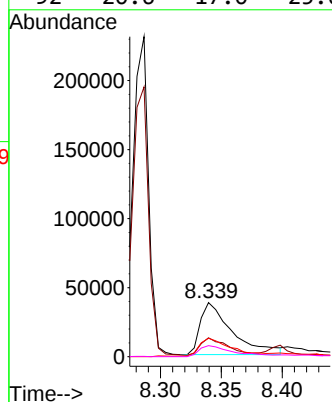
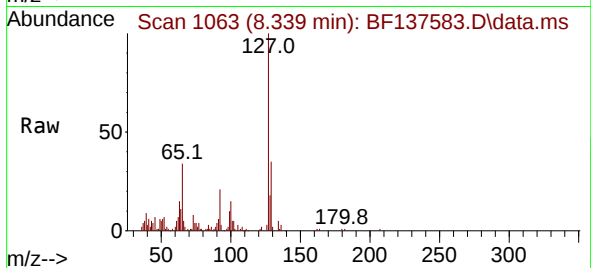
RT-3860MS

Tgt Ion:	127	Resp:	6911
Ion Ratio	Lower	Upper	
127	100		
129	35.1	26.0	39.0
65	34.0	26.8	40.2
92	20.6	17.0	25.6

Manual Integrations

APPROVED

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



#34

Hexachlorobutadiene

Concen: 37.820 ng

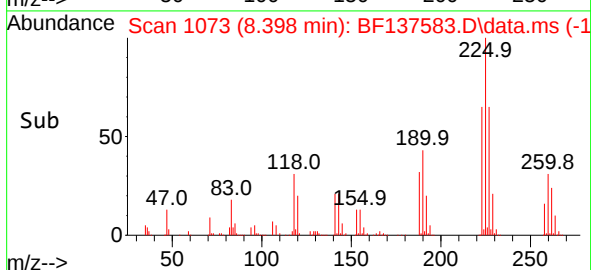
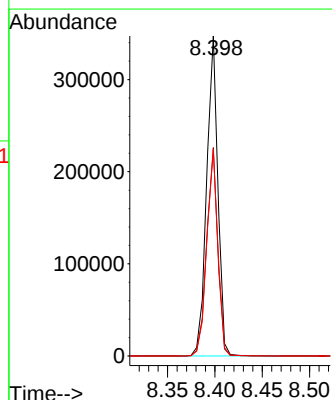
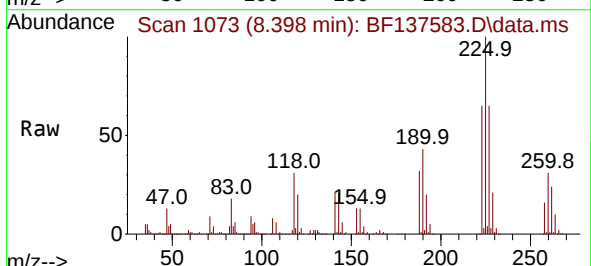
RT: 8.398 min Scan# 1073

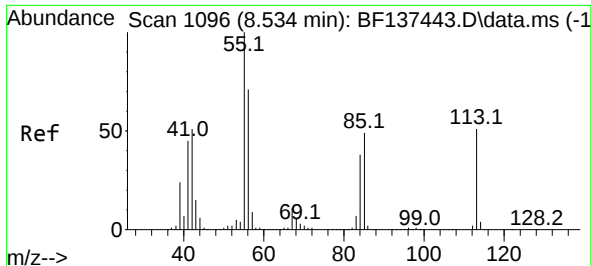
Delta R.T. 0.088 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

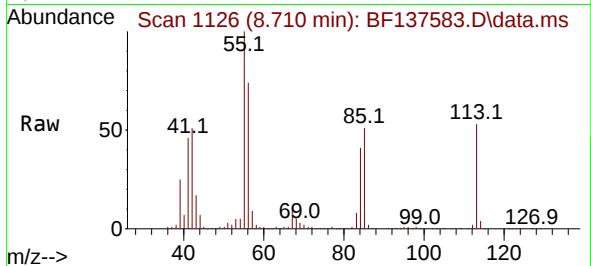
Tgt Ion:	225	Resp:	285355
Ion Ratio	Lower	Upper	
225	100		
223	65.1	50.7	76.1
227	64.5	50.6	75.8





#35
Caprolactam
Concen: 37.817 ng m
RT: 8.710 min Scan# 1126
Delta R.T. 0.082 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

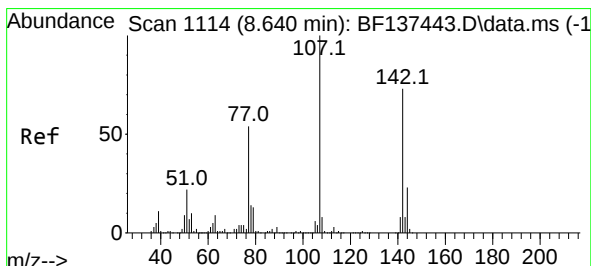
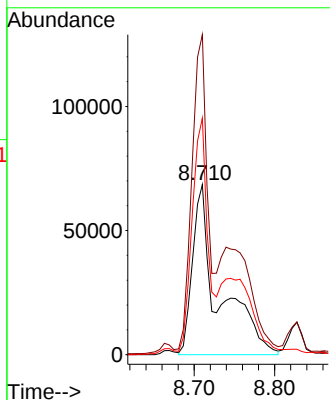
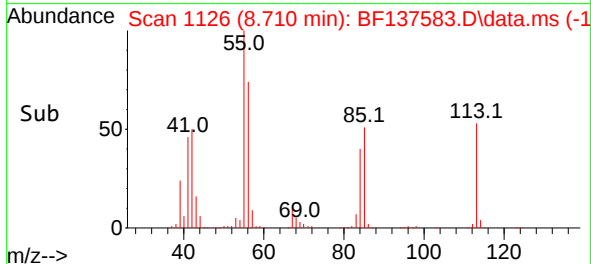
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:113 Resp: 155728
Ion Ratio Lower Upper
113 100
55 188.2 176.7 216.7
56 139.2 120.6 160.6

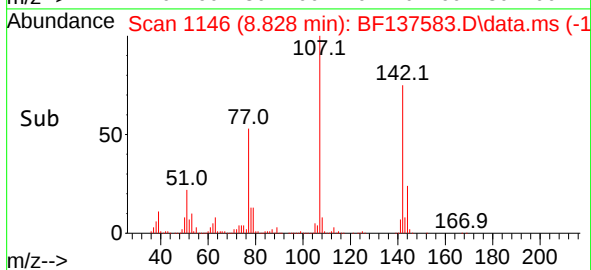
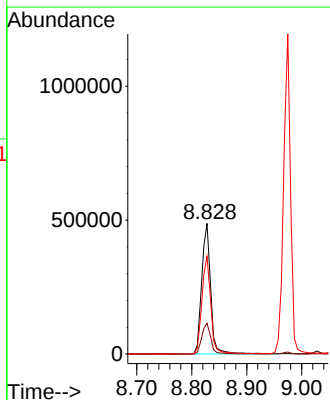
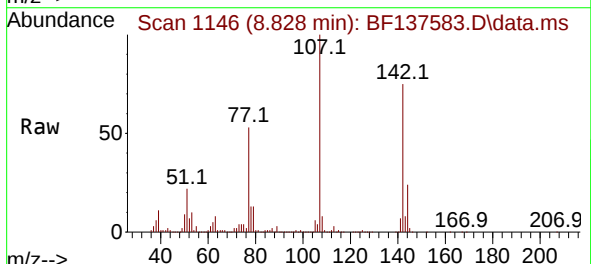
Manual Integrations
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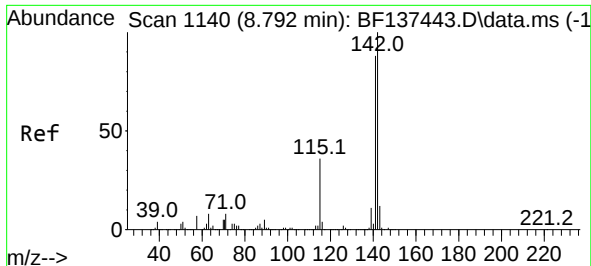
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#36
4-Chloro-3-methylphenol
Concen: 40.832 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.094 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Tgt Ion:107 Resp: 554284
Ion Ratio Lower Upper
107 100
144 23.6 18.7 28.1
142 74.6 58.2 87.2





#37

2-Methylnaphthalene

Concen: 36.874 ng

RT: 8.975 min Scan# 1140

Delta R.T. 0.088 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:142 Resp: 104057

Ion Ratio Lower Upper

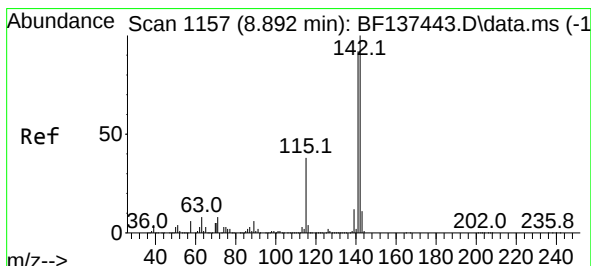
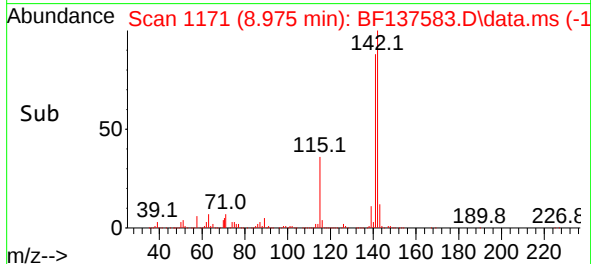
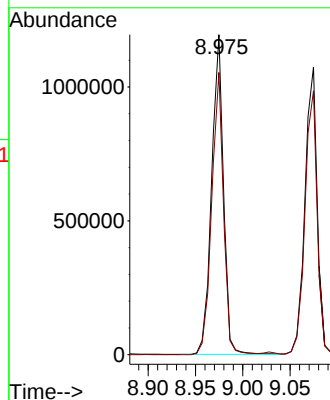
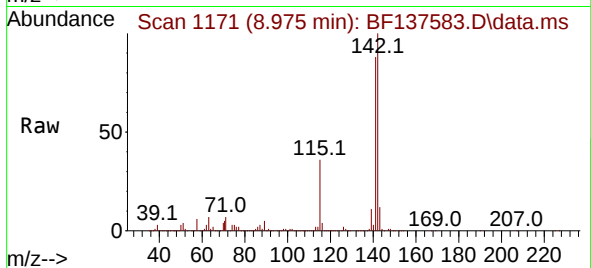
142 100

141 88.2 70.4 105.6

Manual Integrations

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



#38

1-Methylnaphthalene

Concen: 36.554 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.088 min

Lab File: BF137583.D

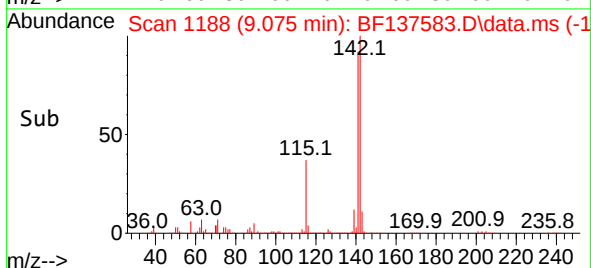
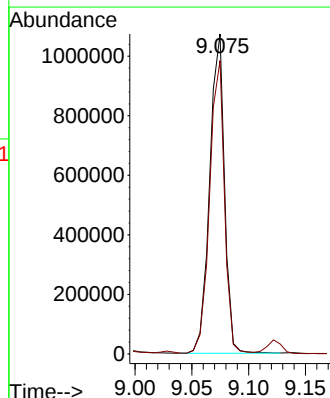
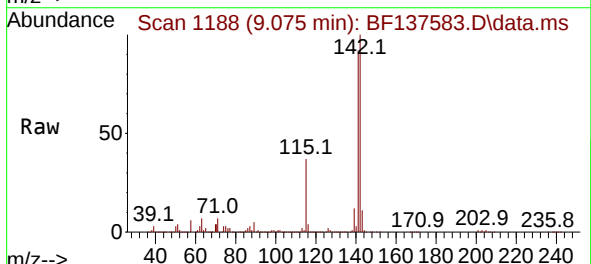
Acq: 13 Mar 2024 18:29

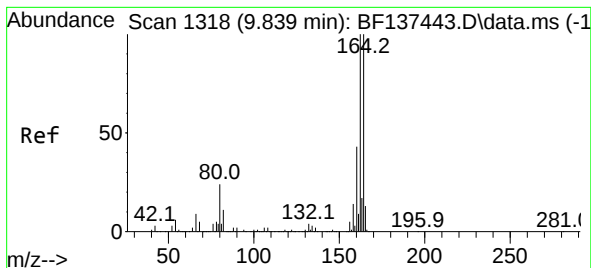
Tgt Ion:142 Resp: 971445

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.022 min Scan# 1199

Delta R.T. 0.088 min

Lab File: BF137583.D

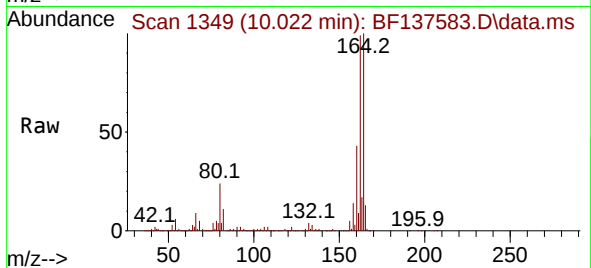
Acq: 13 Mar 2024 18:29

Instrument :

BNA_F

ClientSampleId :

RT-3860MS



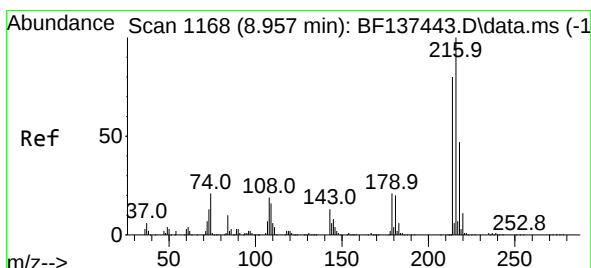
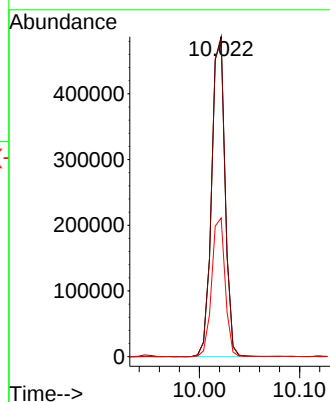
Tgt Ion:164 Resp: 455134

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.8	119.8
160	43.4	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: 40.394 ng

RT: 9.139 min Scan# 1199

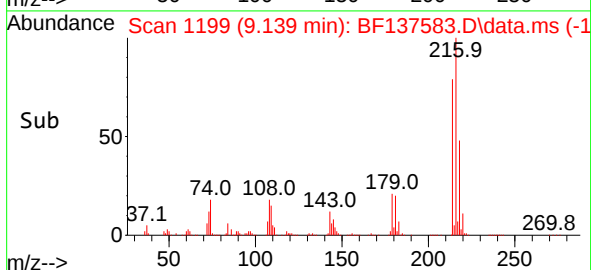
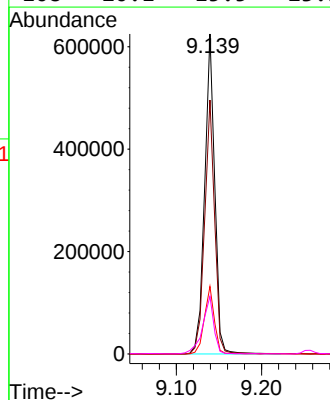
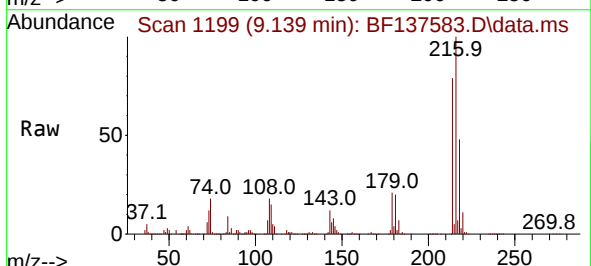
Delta R.T. 0.082 min

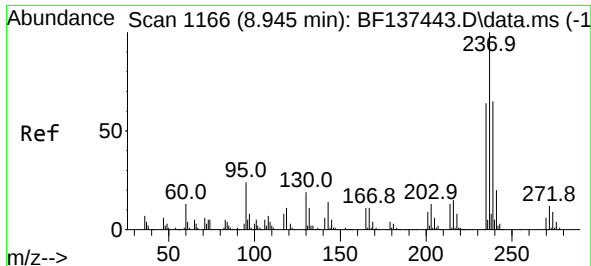
Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

Tgt Ion:216 Resp: 513259

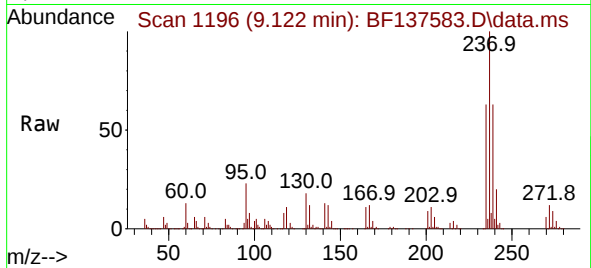
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.5	95.3
179	20.9	16.6	25.0
108	20.1	15.5	23.3





#41
Hexachlorocyclopentadiene
Concen: 67.600 ng
RT: 9.122 min Scan# 1166
Delta R.T. 0.082 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

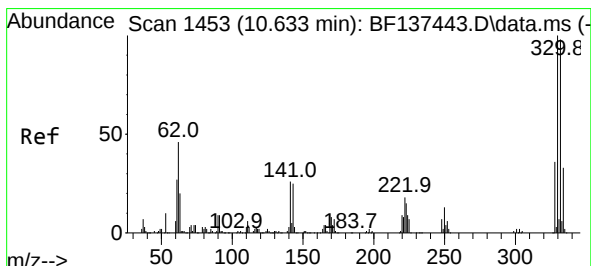
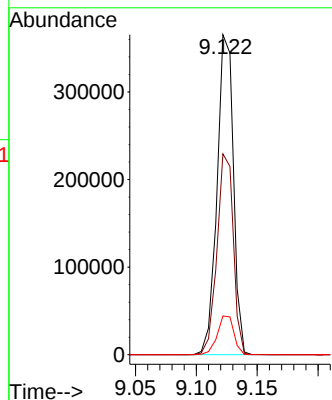
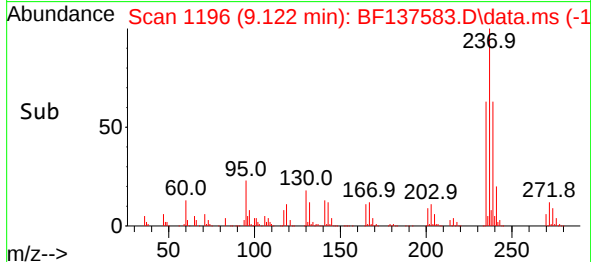
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



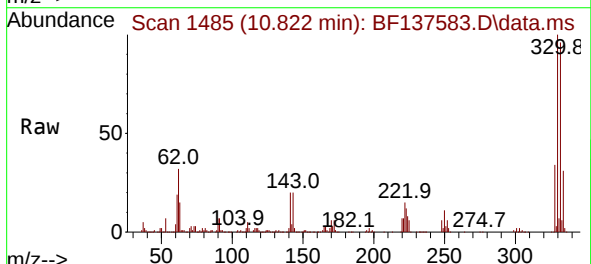
Tgt Ion: 237 Resp: 343140
Ion Ratio Lower Upper
237 100
235 62.7 43.6 83.6
272 12.1 0.0 31.9

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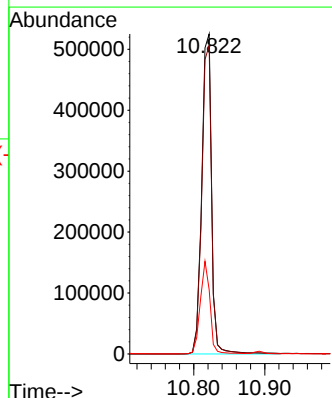
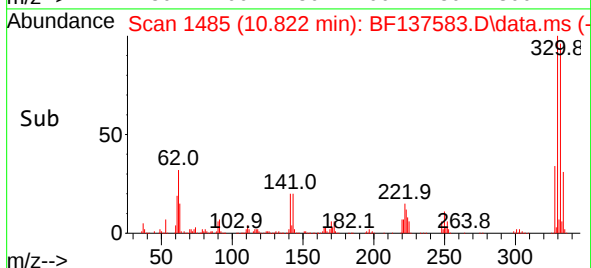
Reviewed By : Jagrut Upadhyay 03/14/2024
Supervised By : mohammad ahmed 03/15/2024

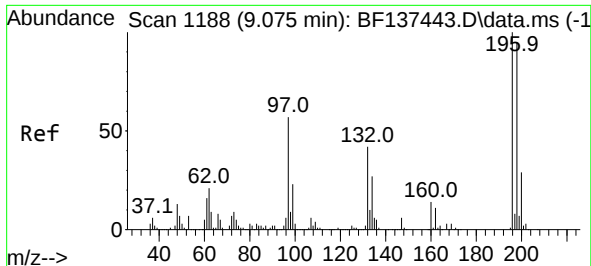


#42
2,4,6-Tribromophenol
Concen: 126.983 ng
RT: 10.822 min Scan# 1485
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29



Tgt Ion: 330 Resp: 507532
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 28.4 27.3 40.9





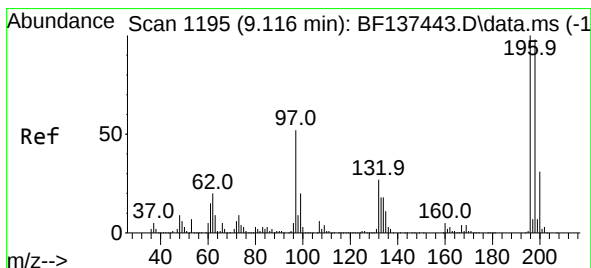
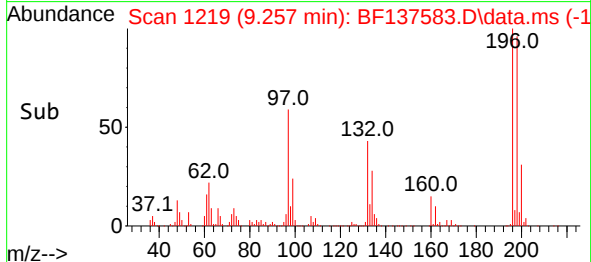
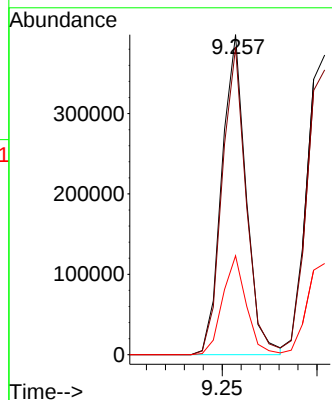
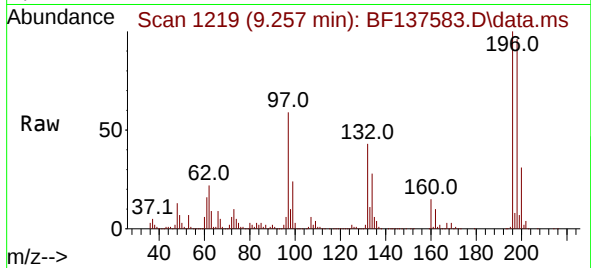
#43
2,4,6-Trichlorophenol
Concen: 42.734 ng
RT: 9.257 min Scan# 1188
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Instrument :
BNA_F
ClientSampleId :
RT-3860MS

Tgt Ion:196 Resp: 35359
Ion Ratio Lower Upper
196 100
198 96.0 75.8 113.8
200 30.9 23.5 35.3

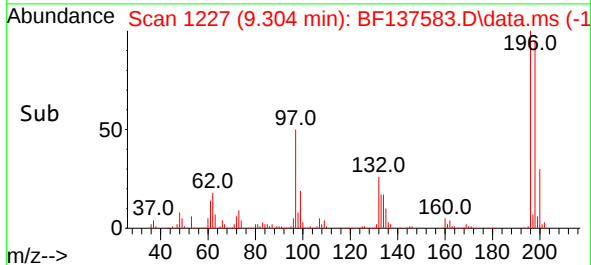
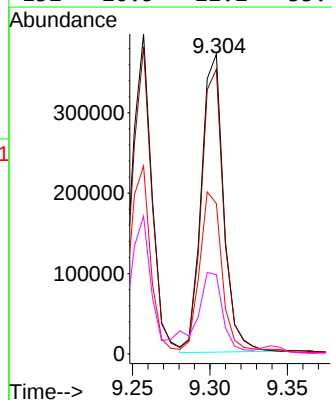
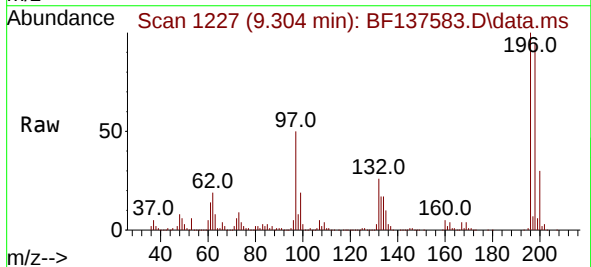
Manual Integrations
APPROVED

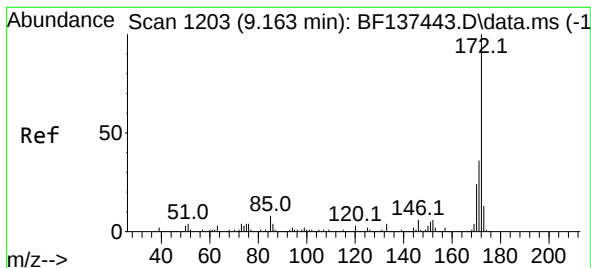
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#44
2,4,5-Trichlorophenol
Concen: 39.017 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.094 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Tgt Ion:196 Resp: 371892
Ion Ratio Lower Upper
196 100
198 95.0 78.6 117.8
97 50.2 41.8 62.8
132 26.5 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 73.316 ng

RT: 9.339 min Scan# 11

Delta R.T. 0.082 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:172 Resp: 213168

Ion Ratio Lower Upper

172 100

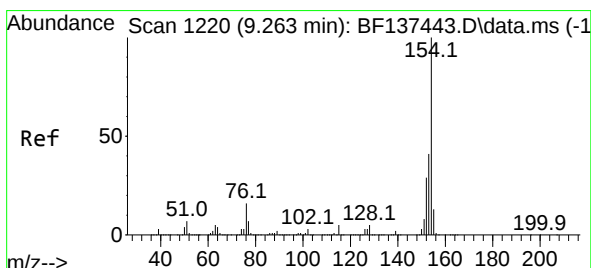
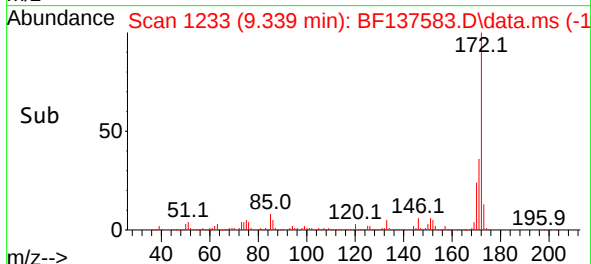
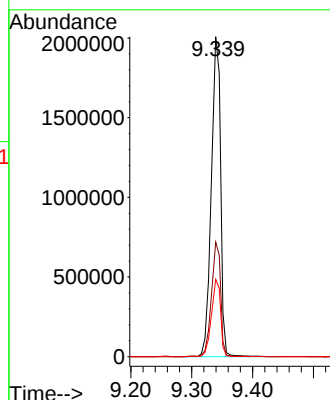
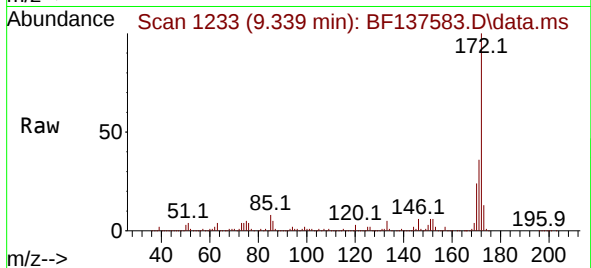
171 35.8 28.5 42.7

170 24.1 19.0 28.6

Manual Integrations

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



#46

1,1'-Biphenyl

Concen: 39.668 ng

RT: 9.439 min Scan# 1250

Delta R.T. 0.082 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

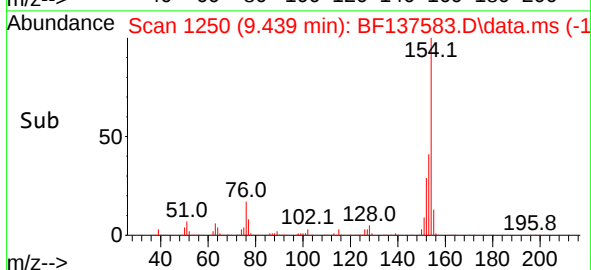
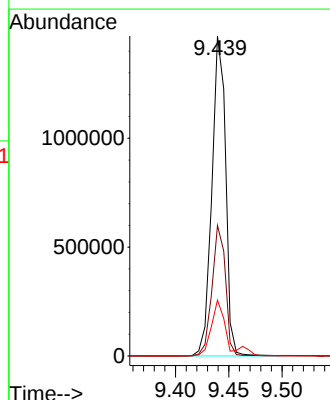
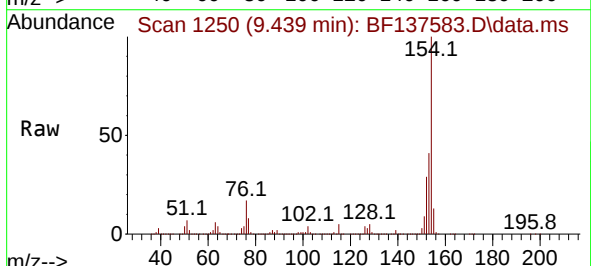
Tgt Ion:154 Resp: 1321415

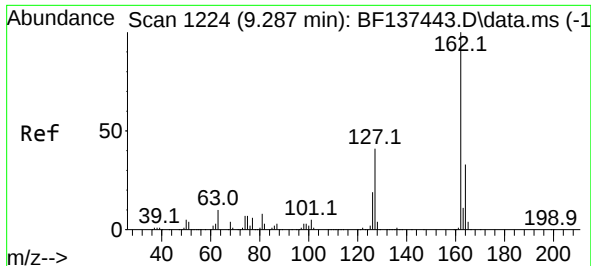
Ion Ratio Lower Upper

154 100

153 40.8 21.0 61.0

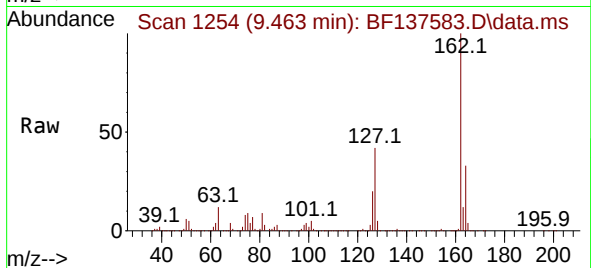
76 17.5 0.0 35.8





#47
2-Chloronaphthalene
Concen: 40.890 ng
RT: 9.463 min Scan# 1254
Delta R.T. 0.082 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

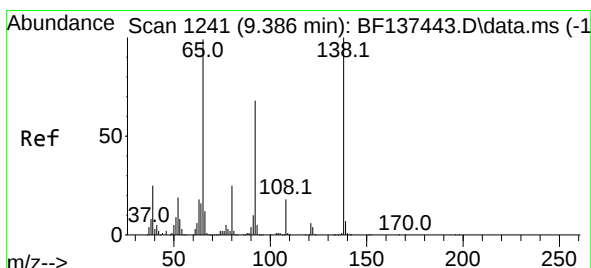
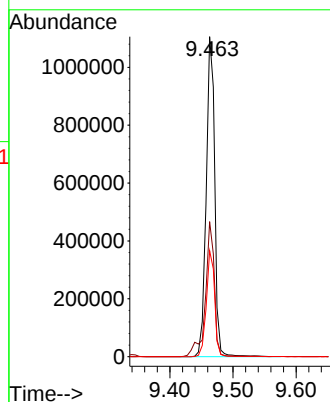
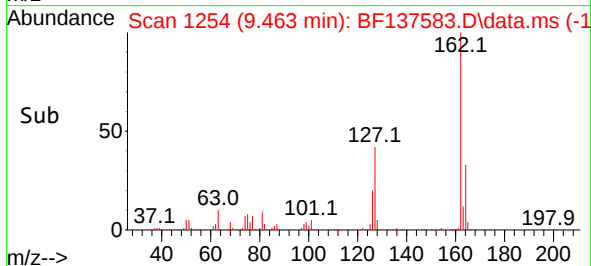
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:162 Resp: 1038514
Ion Ratio Lower Upper
162 100
127 42.2 32.6 49.0
164 33.1 26.5 39.7

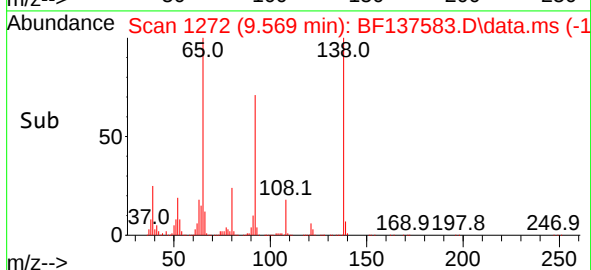
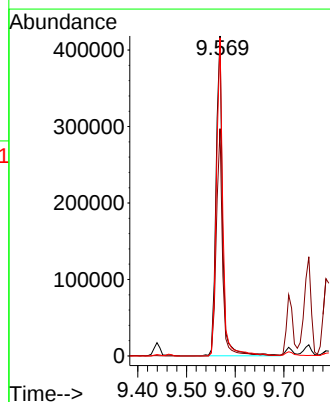
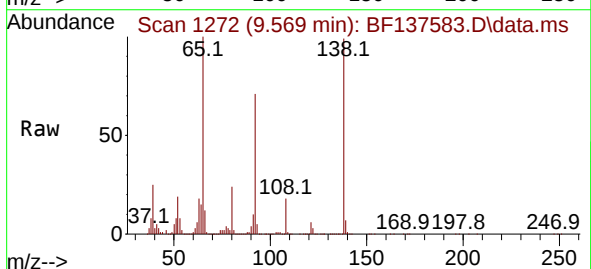
Manual Integrations
APPROVED

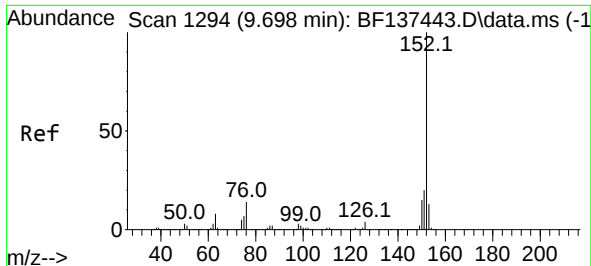
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#48
2-Nitroaniline
Concen: 44.385 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

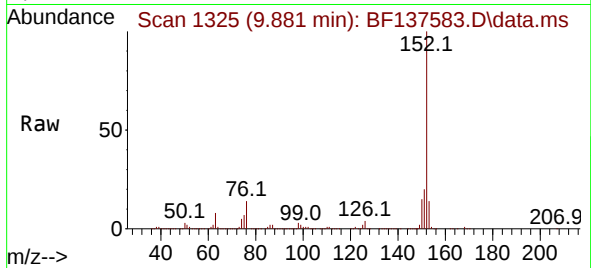
Tgt Ion: 65 Resp: 383147
Ion Ratio Lower Upper
65 100
92 71.1 55.4 83.2
138 99.5 81.0 121.6





#49
Acenaphthylene
Concen: 39.978 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

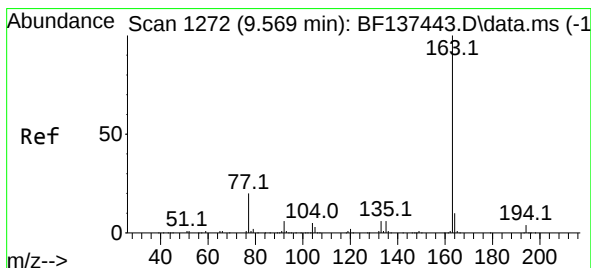
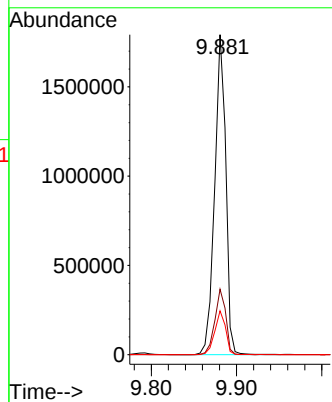
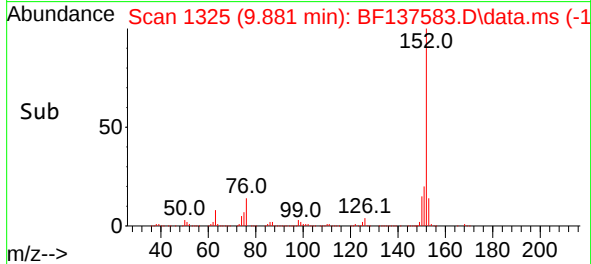
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



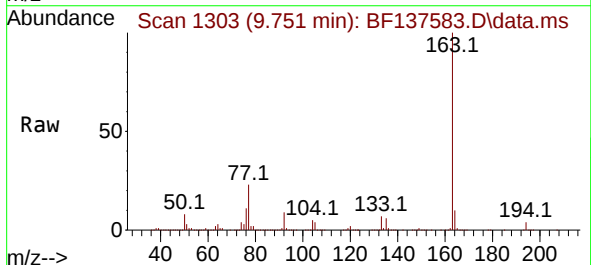
Tgt Ion:152 Resp: 162488
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.7 10.8 16.2

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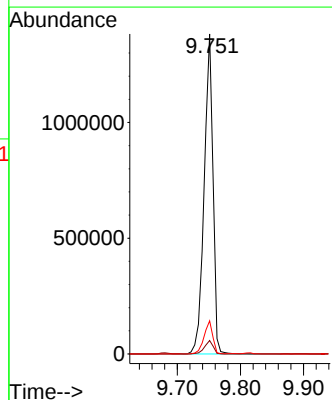
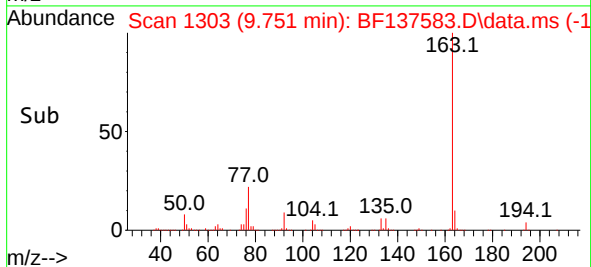
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

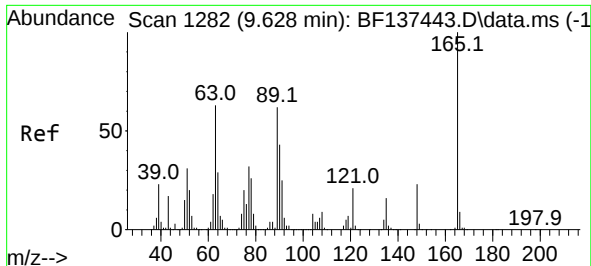


#50
Dimethylphthalate
Concen: 42.452 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29



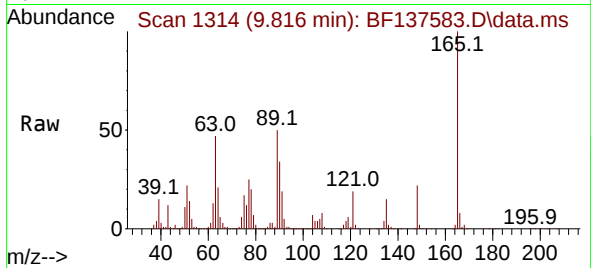
Tgt Ion:163 Resp: 1344984
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 43.569 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

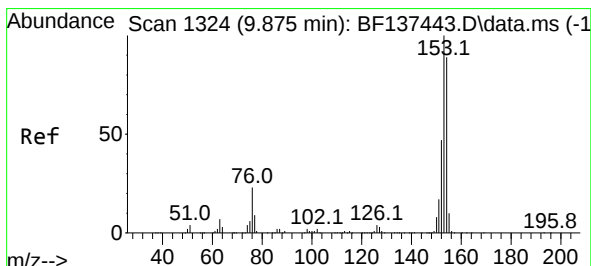
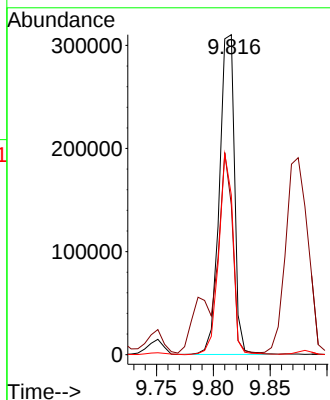
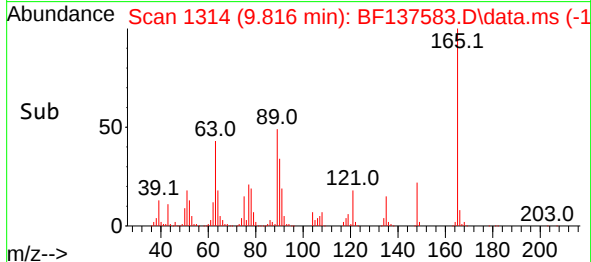
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:165 Resp: 288719
Ion Ratio Lower Upper
165 100
63 46.8 50.7 76.1
89 49.9 50.0 75.0

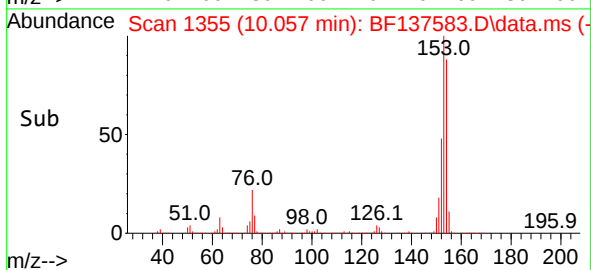
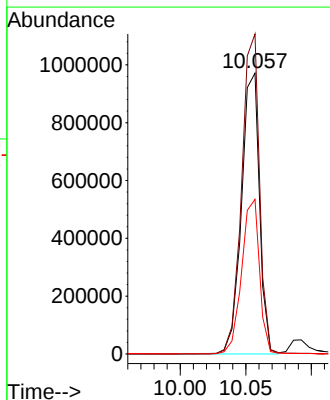
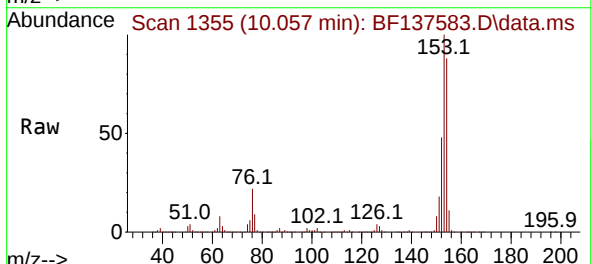
Manual Integrations
APPROVED

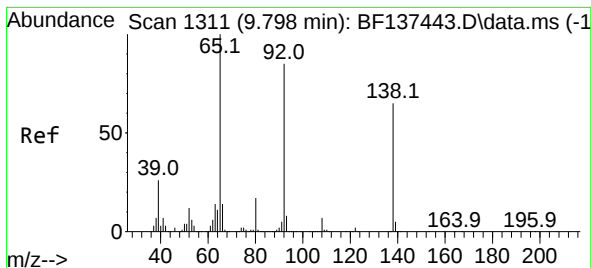
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#52
Acenaphthene
Concen: 38.302 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Tgt Ion:154 Resp: 929406
Ion Ratio Lower Upper
154 100
153 114.0 90.3 135.5
152 55.1 42.7 64.1





#53

3-Nitroaniline

Concen: 21.499 ng

RT: 9.981 min Scan# 11

Delta R.T. 0.082 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

Instrument :

BNA_F

ClientSampleId :

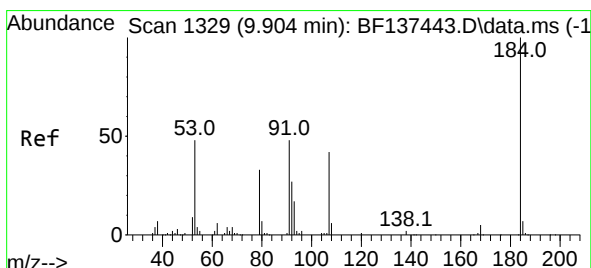
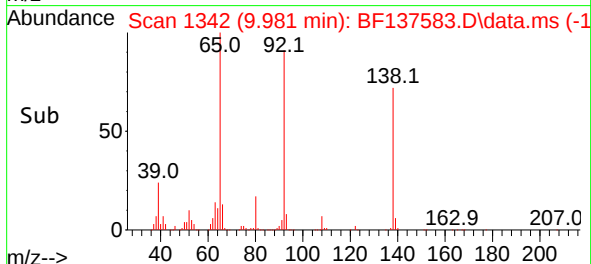
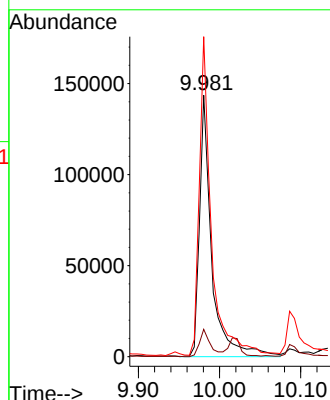
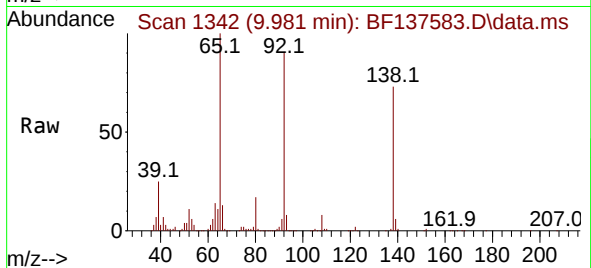
RT-3860MS

Tgt Ion:138 Resp: 150694
 Ion Ratio Lower Upper
 138 100
 108 10.5 9.1 13.7
 92 122.4 104.6 157.0

Manual Integrations

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



#54

2,4-Dinitrophenol

Concen: 35.584 ng

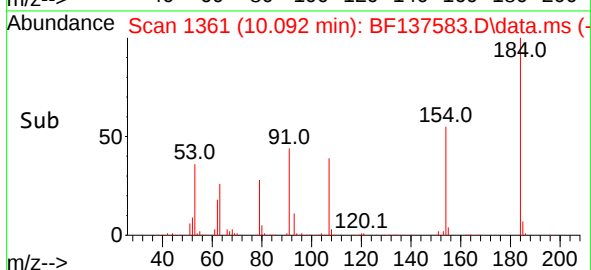
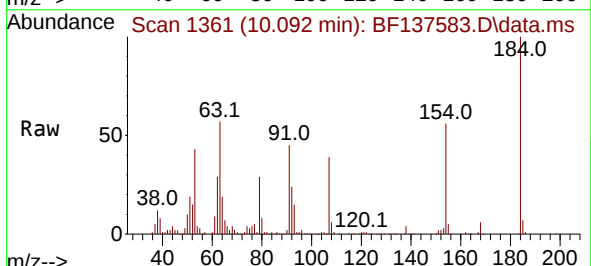
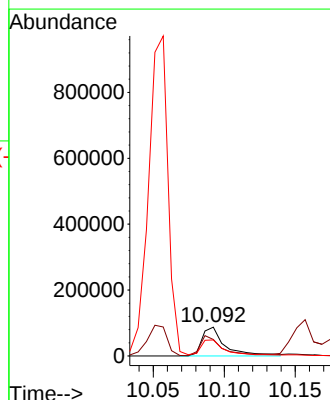
RT: 10.092 min Scan# 1361

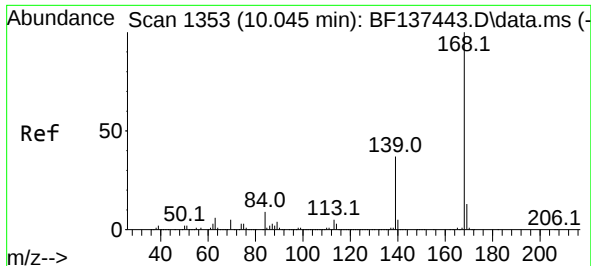
Delta R.T. 0.088 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

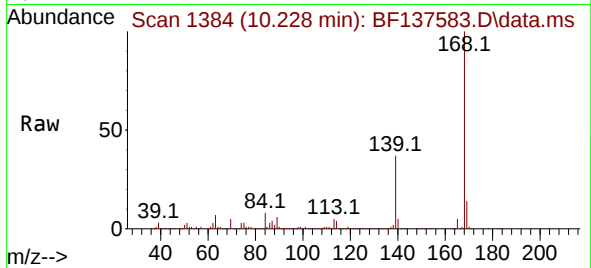
Tgt Ion:184 Resp: 98563
 Ion Ratio Lower Upper
 184 100
 63 57.3 53.3 79.9
 154 55.6 47.4 71.0





#55
Dibenzenofuran
Concen: 39.016 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.082 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

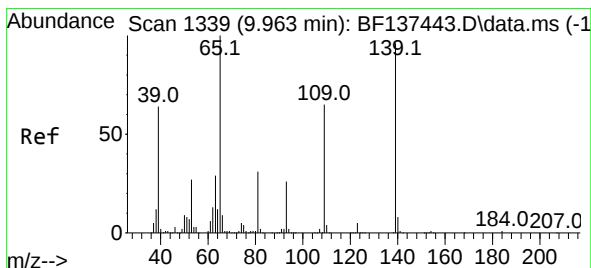
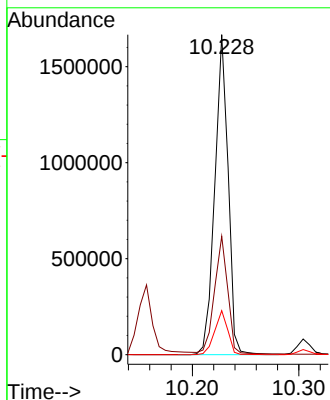
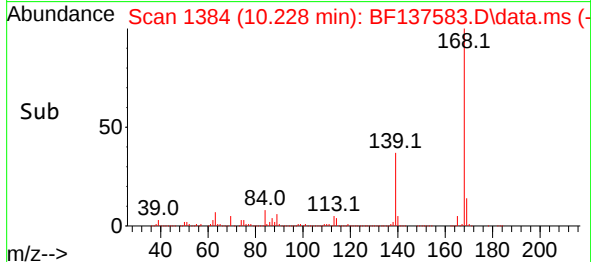
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:168 Resp: 1441939
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.6
169 13.8 10.8 16.2

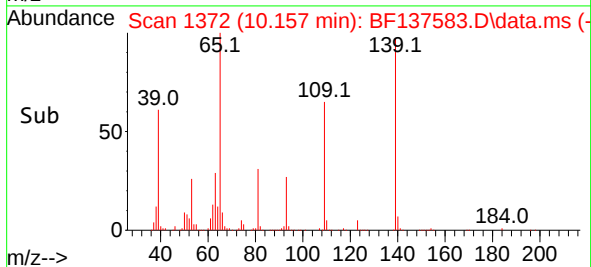
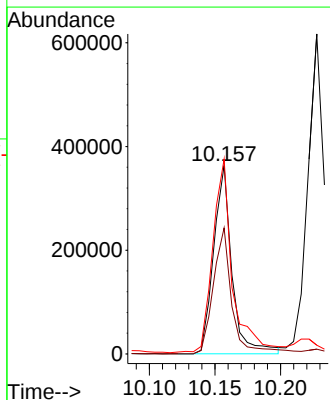
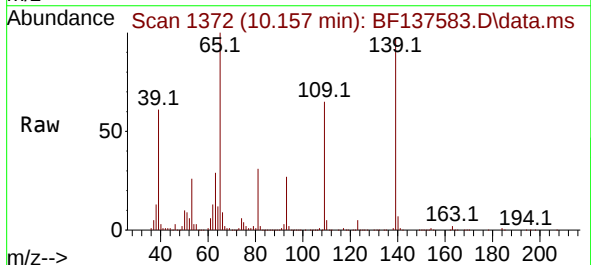
Manual Integrations
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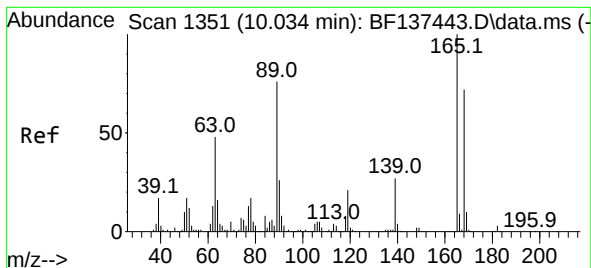
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#56
4-Nitrophenol
Concen: 71.460 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.094 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

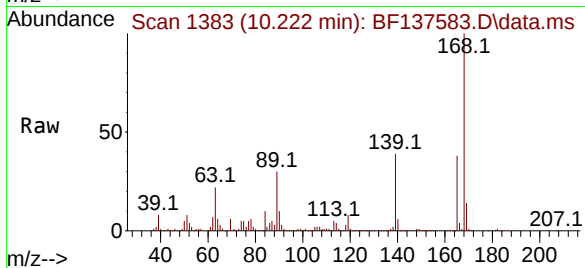
Tgt Ion:139 Resp: 353806
Ion Ratio Lower Upper
139 100
109 66.9 47.1 87.1
65 103.4 85.1 125.1





#57
2,4-Dinitrotoluene
Concen: 43.551 ng
RT: 10.222 min Scan# 1443
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

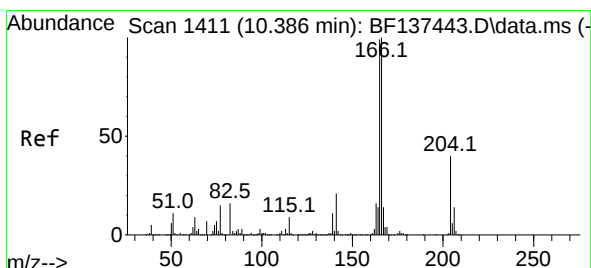
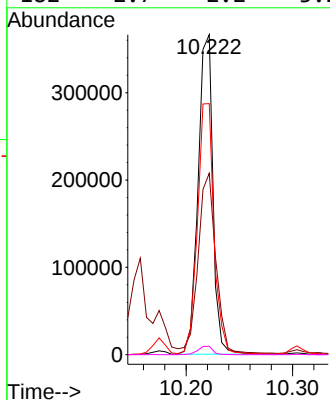
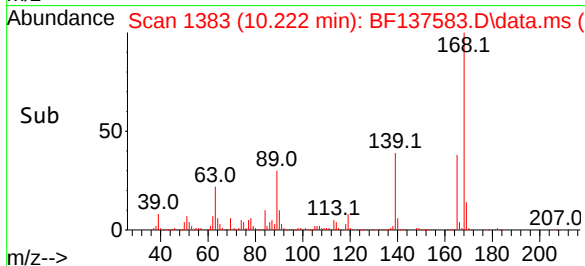
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:165 Resp: 354572
Ion Ratio Lower Upper
165 100
63 56.7 39.0 58.6
89 78.5 60.9 91.3
182 2.7 2.2 3.2

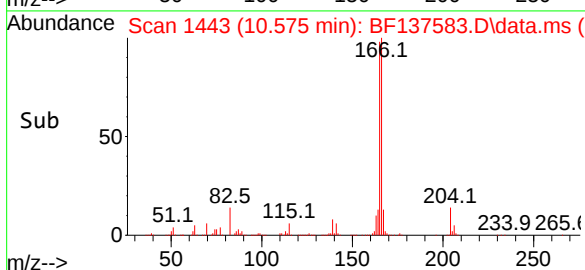
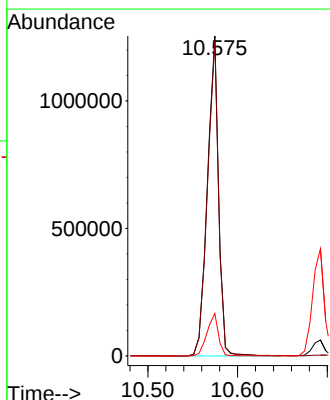
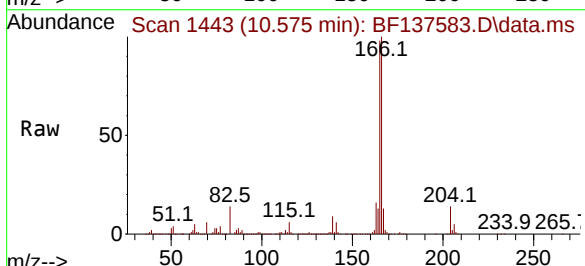
Manual Integrations
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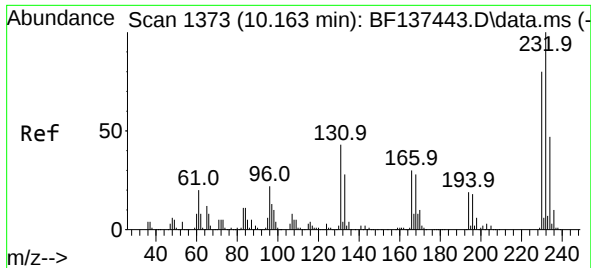
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#58
Fluorene
Concen: 38.144 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

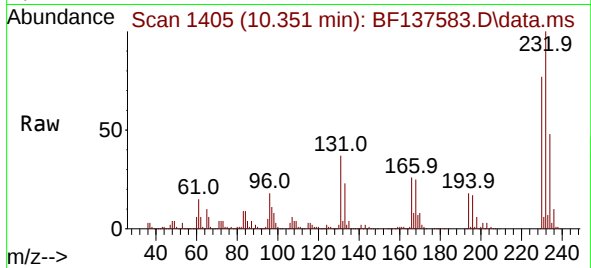
Tgt Ion:166 Resp: 1082628
Ion Ratio Lower Upper
166 100
165 98.4 79.2 118.8
167 13.2 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.778 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

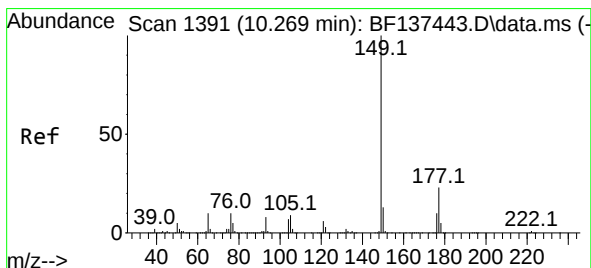
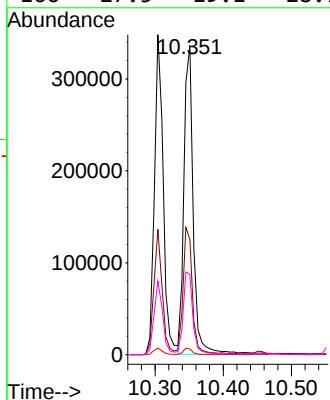
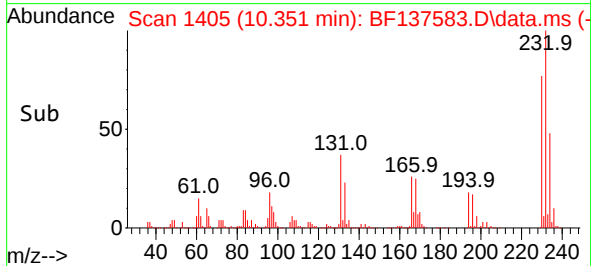
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



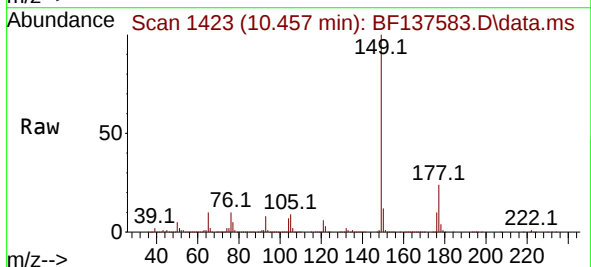
Tgt Ion:232 Resp: 31932
Ion Ratio Lower Upper
232 100
131 41.2 31.2 46.8
130 2.1 1.8 2.6
166 27.5 19.1 28.7

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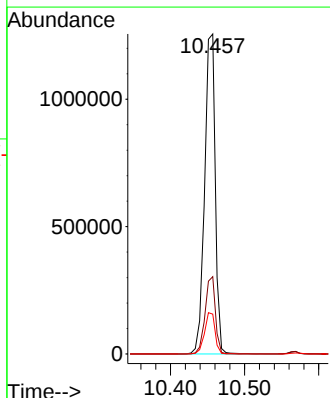
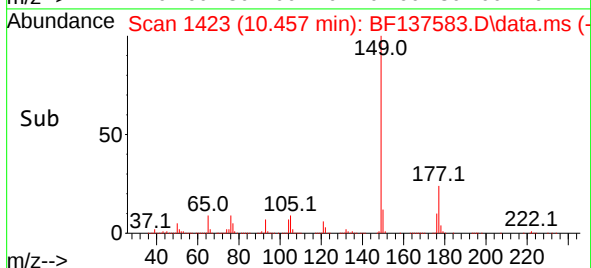
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

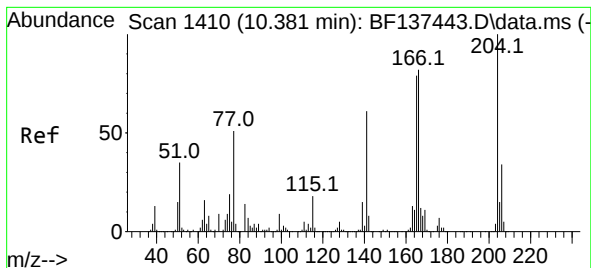


#60
Diethylphthalate
Concen: 42.099 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29



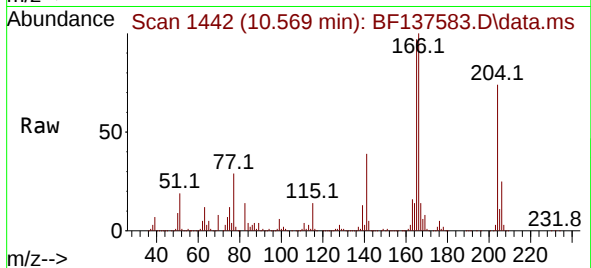
Tgt Ion:149 Resp: 1259534
Ion Ratio Lower Upper
149 100
177 24.1 18.7 28.1
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 38.748 ng
RT: 10.569 min Scan# 1410
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

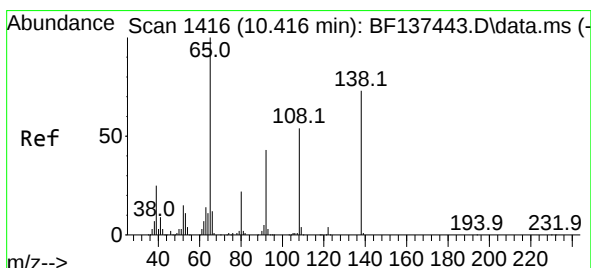
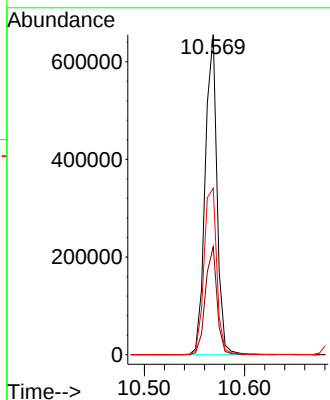
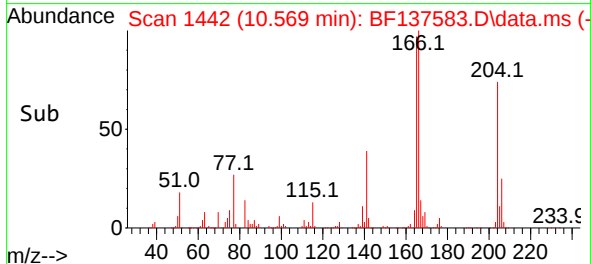
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



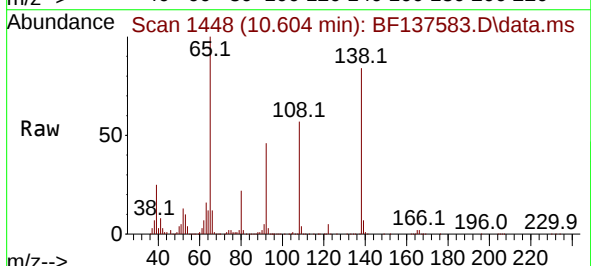
Tgt Ion:204 Resp: 53898
Ion Ratio Lower Upper
204 100
206 33.7 27.4 41.0
141 52.0 48.4 72.6

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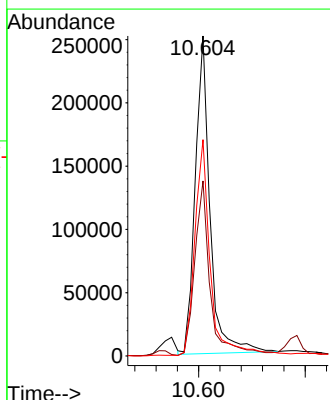
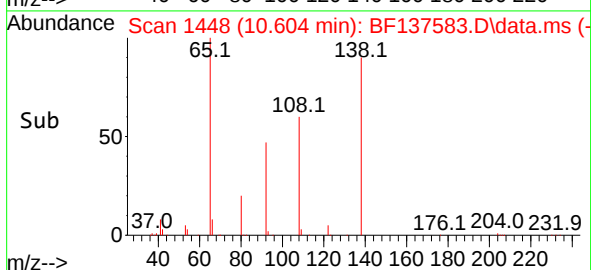
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

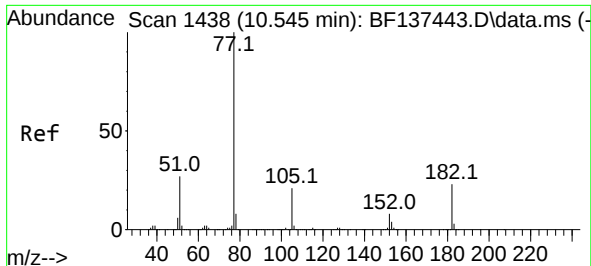


#62
4-Nitroaniline
Concen: 40.088 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29



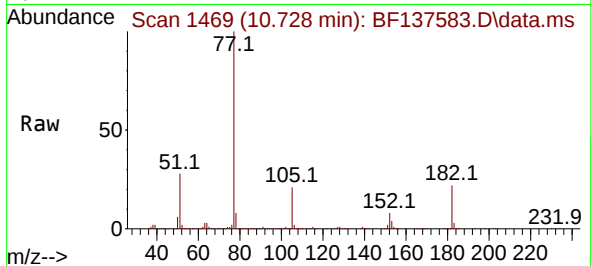
Tgt Ion:138 Resp: 241506
Ion Ratio Lower Upper
138 100
92 54.7 37.9 77.9
108 67.6 53.2 93.2





#63
Azobenzene
Concen: 39.802 ng
RT: 10.728 min Scan# 1438
Delta R.T. 0.082 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

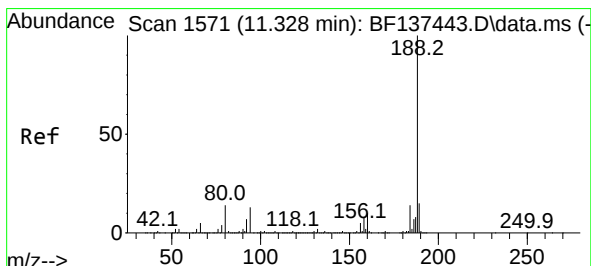
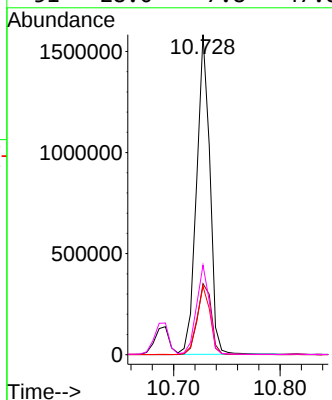
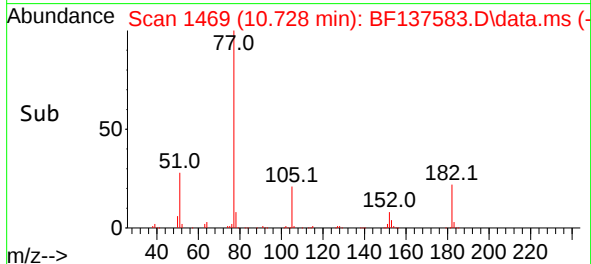
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



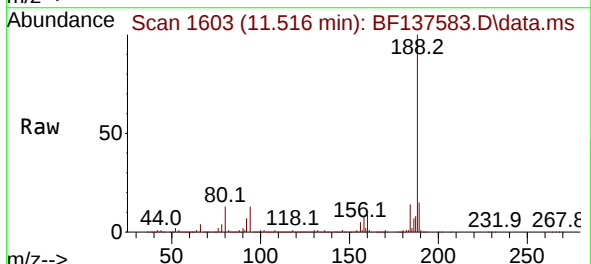
Tgt Ion: 77 Resp: 1371208
Ion Ratio Lower Upper
77 100
182 22.2 3.2 43.2
105 21.4 1.2 41.2
51 28.0 7.8 47.8

Manual Integrations
APPROVED

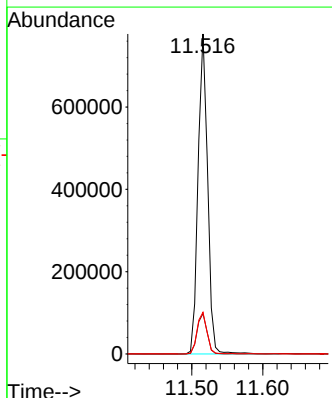
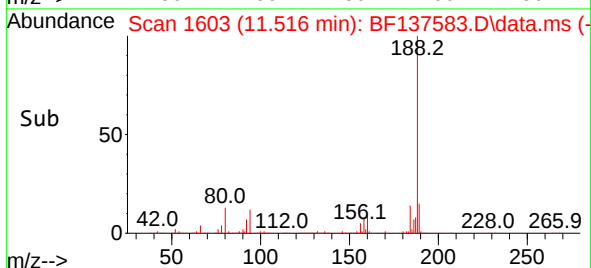
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

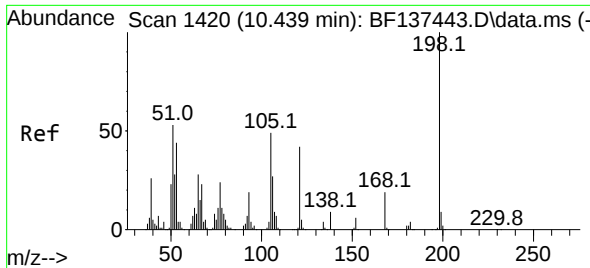


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29



Tgt Ion:188 Resp: 729263
Ion Ratio Lower Upper
188 100
94 12.6 10.6 15.8
80 13.1 11.5 17.3





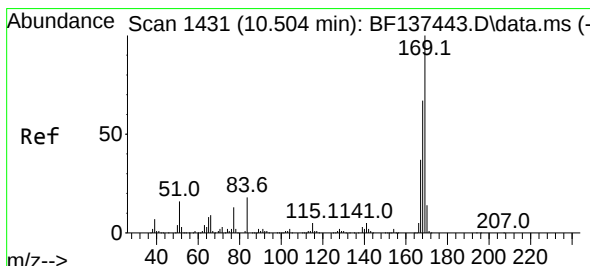
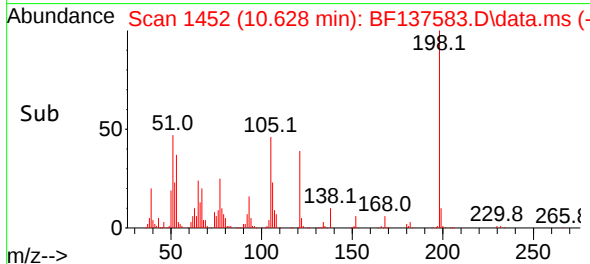
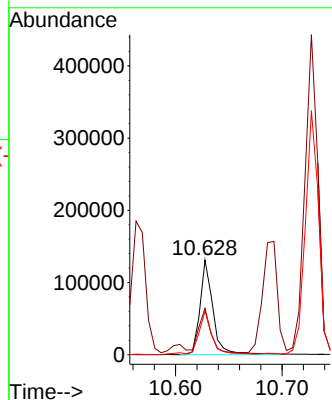
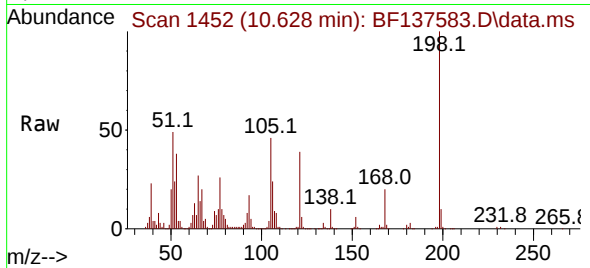
#65
4,6-Dinitro-2-methylphenol
Concen: 27.289 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.082 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Instrument :
BNA_F
ClientSampleId :
RT-3860MS

Tgt Ion:198 Resp: 110918
Ion Ratio Lower Upper
198 100
51 48.9 37.2 77.2
105 46.1 29.2 69.2

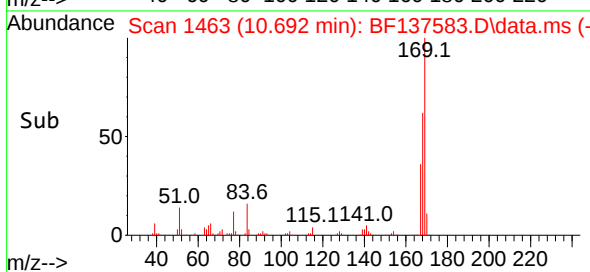
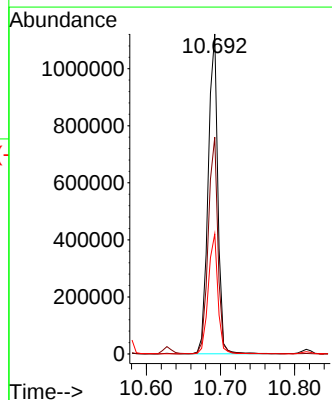
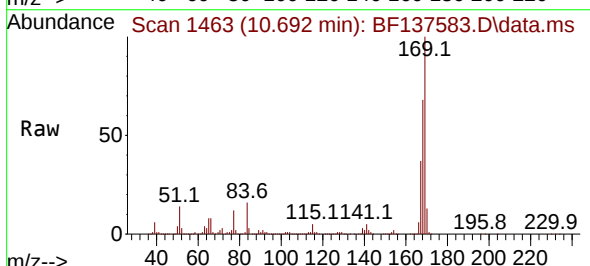
Manual Integrations
APPROVED

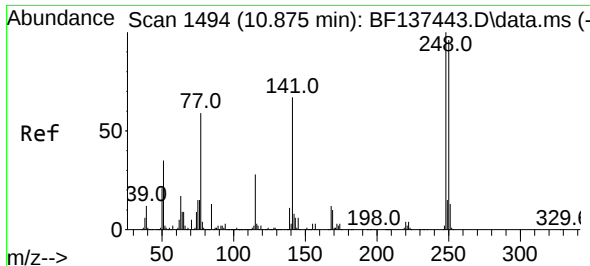
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#66
n-Nitrosodiphenylamine
Concen: 43.481 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Tgt Ion:169 Resp: 1021077
Ion Ratio Lower Upper
169 100
168 67.7 53.8 80.6
167 37.5 29.6 44.4





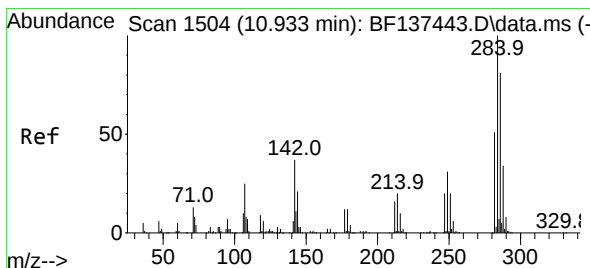
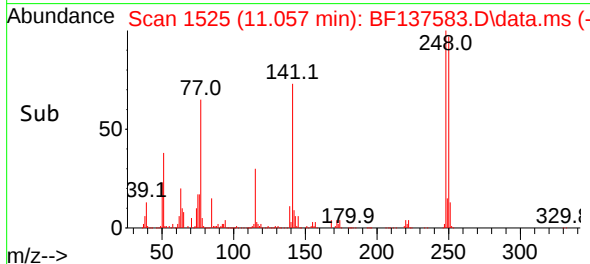
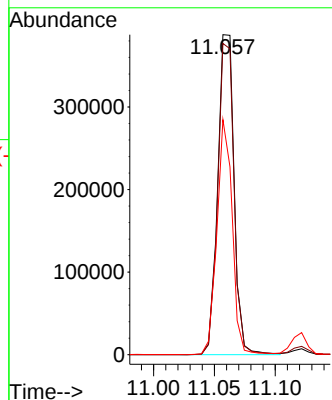
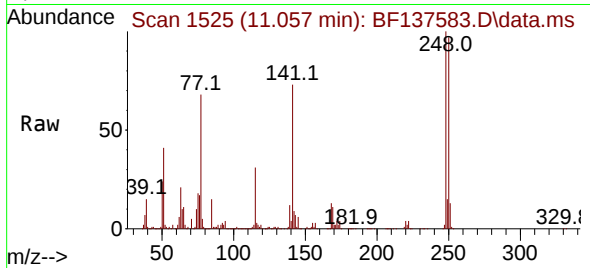
#67
4-Bromophenyl-phenylether
Concen: 46.044 ng
RT: 11.057 min Scan# 1535
Delta R.T. 0.082 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Instrument :
BNA_F
ClientSampleId :
RT-3860MS

Tgt Ion:248 Resp: 36572
Ion Ratio Lower Upper
248 100
250 97.3 76.8 115.2
141 73.4 53.4 80.0

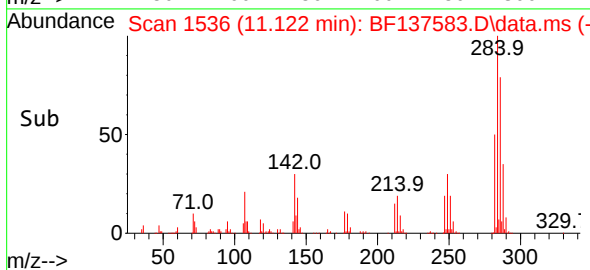
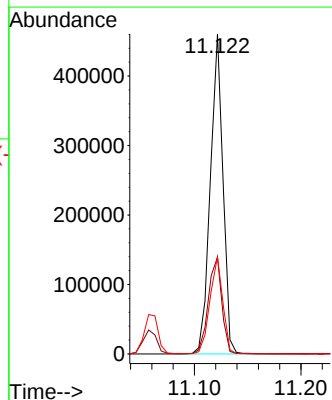
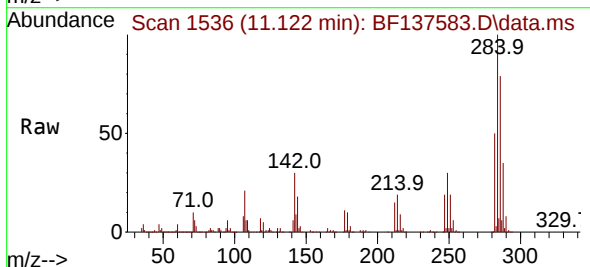
Manual Integrations
APPROVED

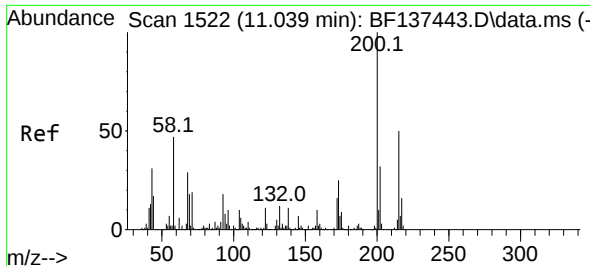
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#68
Hexachlorobenzene
Concen: 47.543 ng
RT: 11.122 min Scan# 1536
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

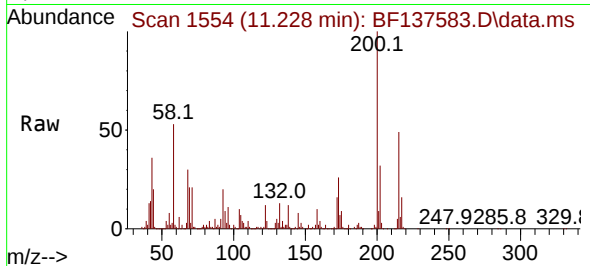
Tgt Ion:284 Resp: 381418
Ion Ratio Lower Upper
284 100
142 30.3 29.4 44.0
249 30.4 25.0 37.4





#69
 Atrazine
 Concen: 48.072 ng
 RT: 11.228 min Scan# 1154
 Delta R.T. 0.088 min
 Lab File: BF137583.D
 Acq: 13 Mar 2024 18:29

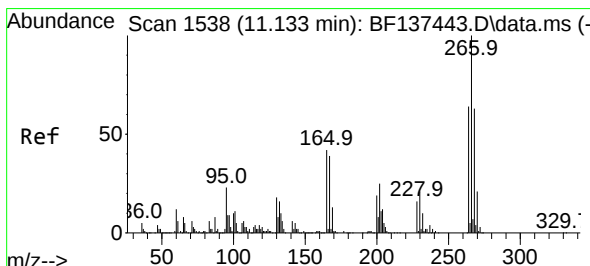
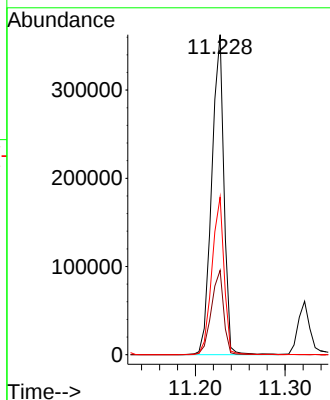
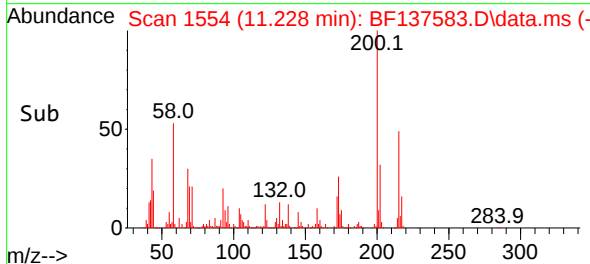
Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MS



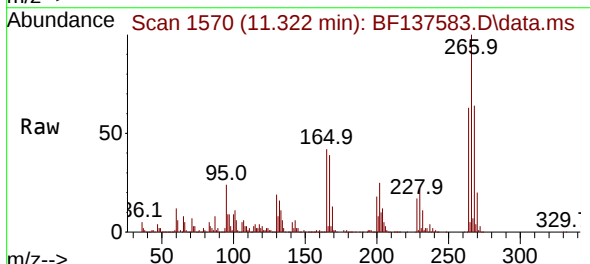
Tgt Ion:200 Resp: 34318
 Ion Ratio Lower Upper
 200 100
 173 26.3 5.1 45.1
 215 49.3 30.4 70.4

Manual Integrations
 APPROVED

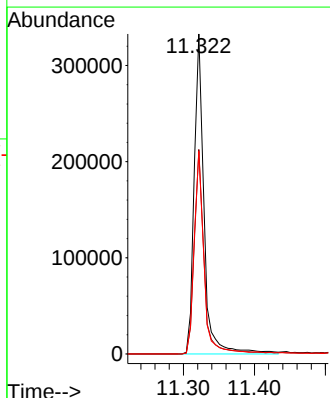
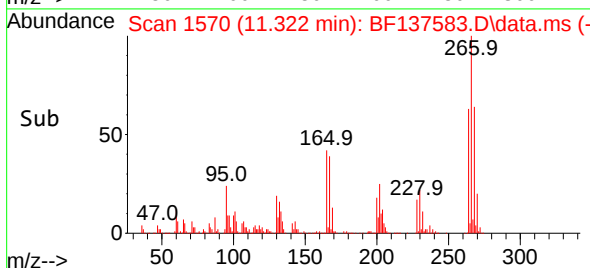
Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024

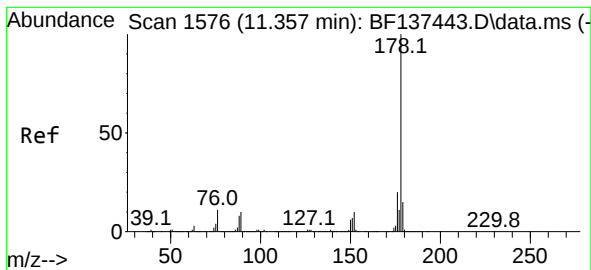


#70
 Pentachlorophenol
 Concen: 66.908 ng
 RT: 11.322 min Scan# 1570
 Delta R.T. 0.088 min
 Lab File: BF137583.D
 Acq: 13 Mar 2024 18:29



Tgt Ion:266 Resp: 324490
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.2 75.2
 264 63.3 50.9 76.3





#71

Phenanthrene

Concen: 41.393 ng

RT: 11.539 min Scan# 1

Delta R.T. 0.082 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:178 Resp: 164282

Ion Ratio Lower Upper

178 100

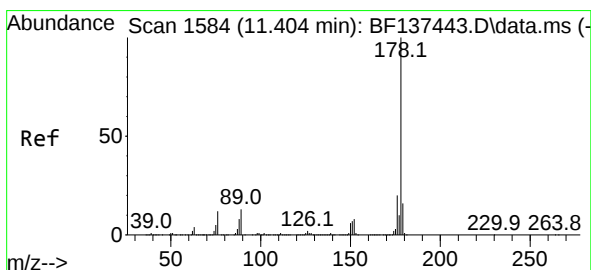
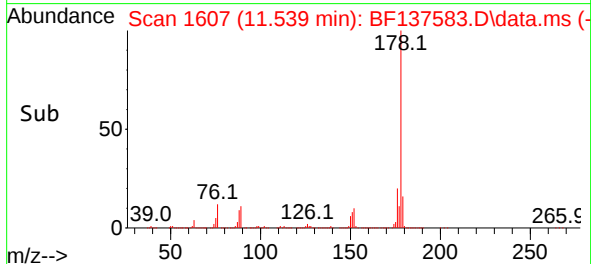
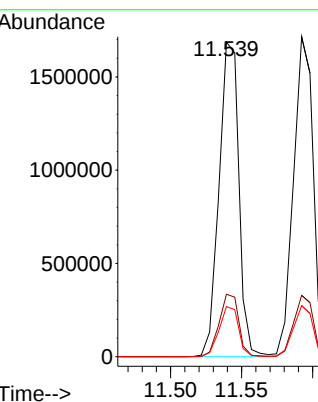
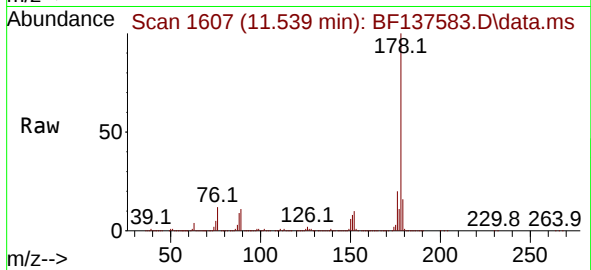
176 19.8 15.8 23.8

179 15.9 12.2 18.2

Manual Integrations

APPROVED

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



#72

Anthracene

Concen: 41.637 ng

RT: 11.592 min Scan# 1616

Delta R.T. 0.082 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

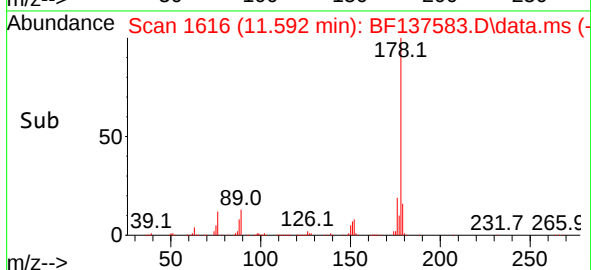
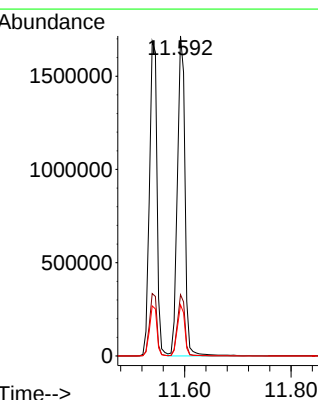
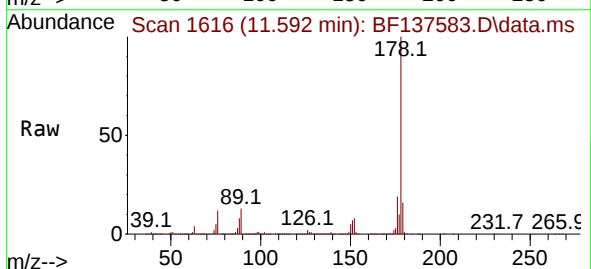
Tgt Ion:178 Resp: 1697205

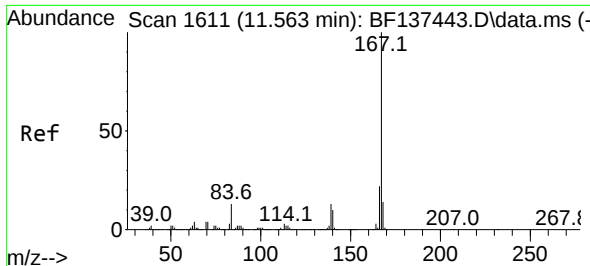
Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

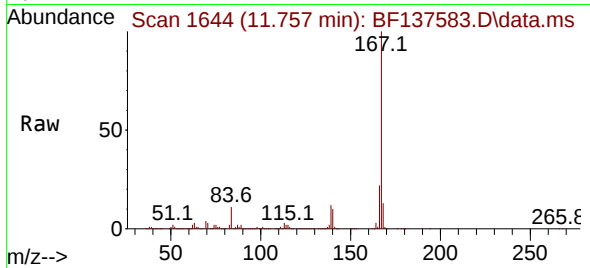
179 16.0 12.7 19.1





#73
 Carbazole
 Concen: 42.087 ng
 RT: 11.757 min Scan# 10
 Delta R.T. 0.088 min
 Lab File: BF137583.D
 Acq: 13 Mar 2024 18:29

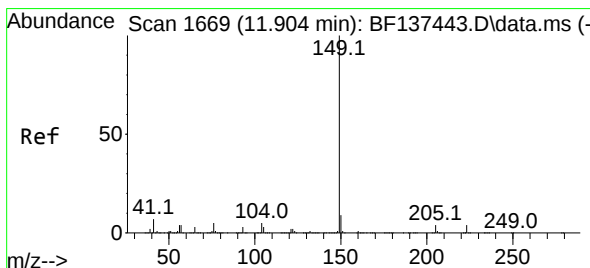
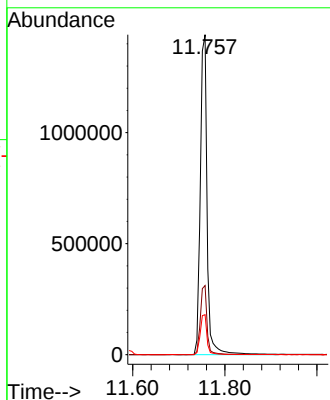
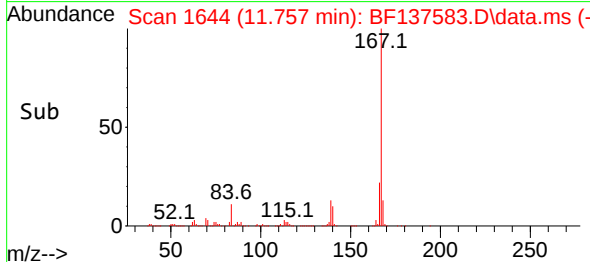
Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MS



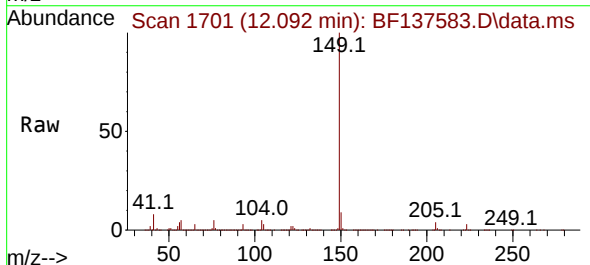
Tgt Ion:167 Resp: 1469489
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.8
 139 12.5 10.5 15.7

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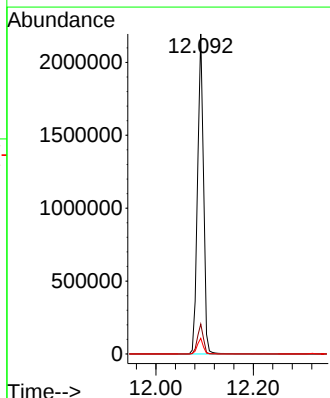
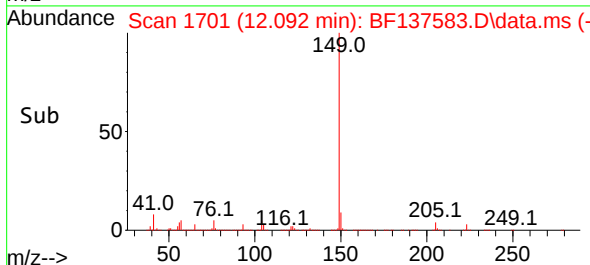
Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024

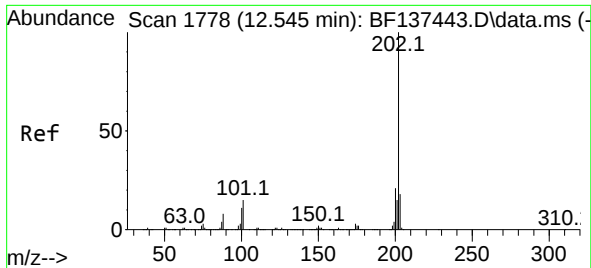


#74
 Di-n-butylphthalate
 Concen: 45.361 ng
 RT: 12.092 min Scan# 1701
 Delta R.T. 0.088 min
 Lab File: BF137583.D
 Acq: 13 Mar 2024 18:29



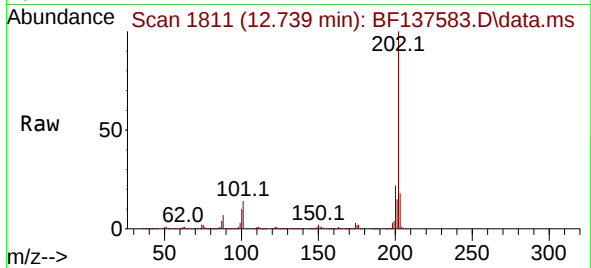
Tgt Ion:149 Resp: 1884363
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.9 3.8 5.6





#75
Fluoranthene
Concen: 38.928 ng
RT: 12.739 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

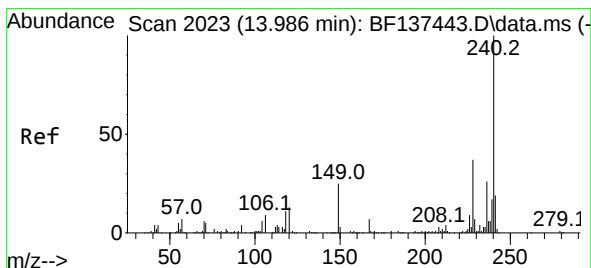
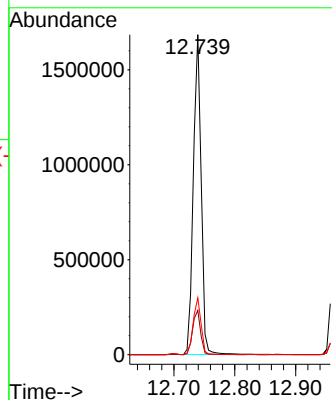
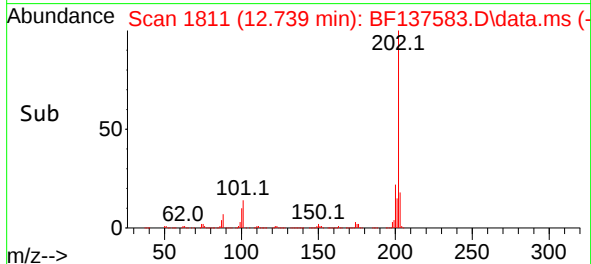
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:202 Resp: 151017
Ion Ratio Lower Upper
202 100
101 13.9 0.0 35.0
203 17.8 0.0 37.7

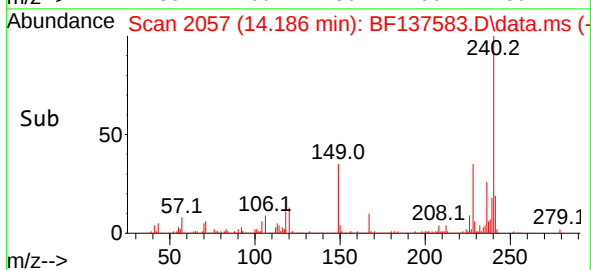
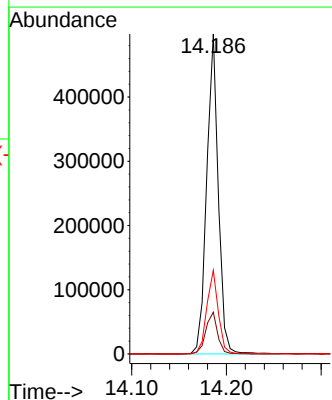
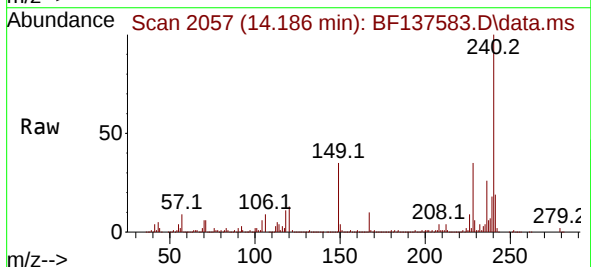
Manual Integrations
APPROVED

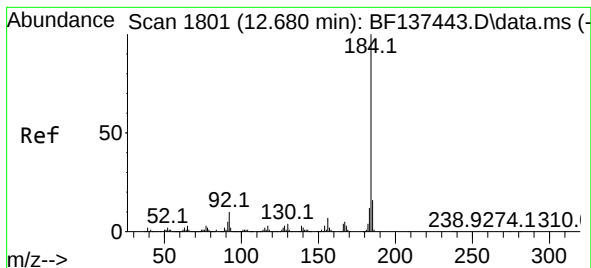
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 2057
Delta R.T. 0.088 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

Tgt Ion:240 Resp: 421690
Ion Ratio Lower Upper
240 100
120 13.0 10.4 15.6
236 26.1 20.9 31.3





#77

Benzidine

Concen: 38.560 ng

RT: 12.869 min Scan# 1850

Delta R.T. 0.082 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

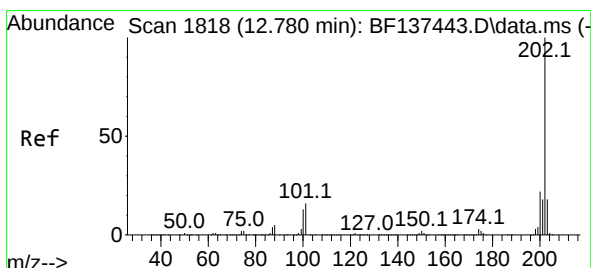
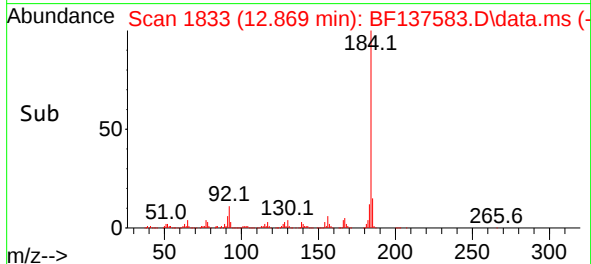
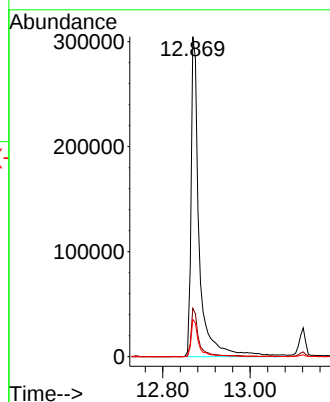
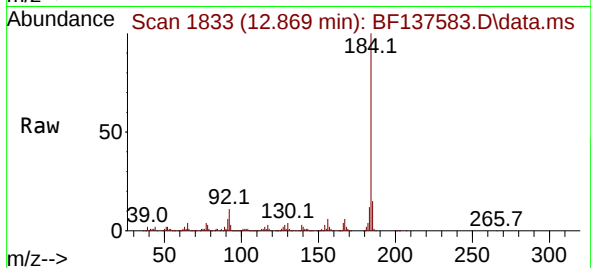
Tgt Ion:184 Resp: 39793

Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.2	19.8
183	11.6	9.3	13.9

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 37.193 ng

RT: 12.969 min Scan# 1850

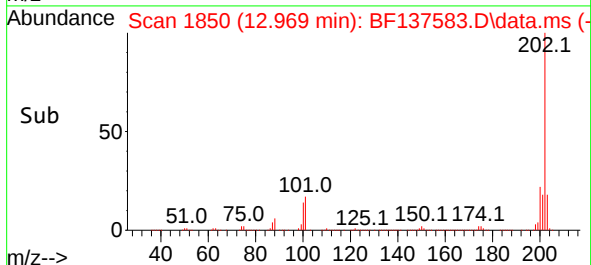
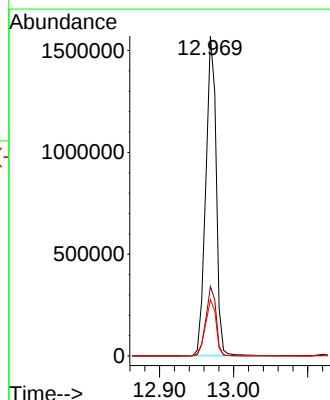
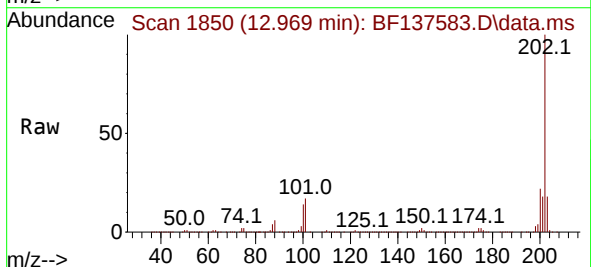
Delta R.T. 0.082 min

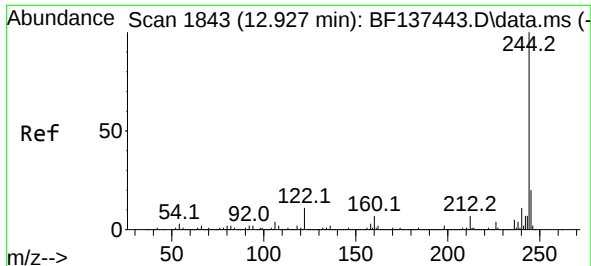
Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

Tgt Ion:202 Resp: 1538960

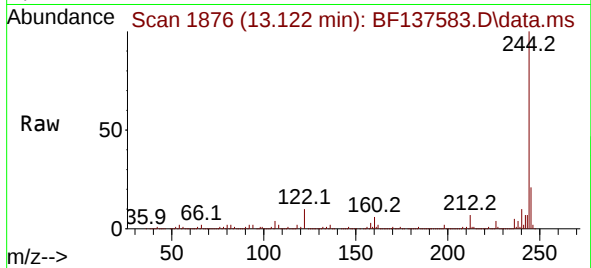
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.6	14.1	21.1





#79
 Terphenyl-d14
 Concen: 71.995 ng
 RT: 13.122 min Scan# 1843
 Delta R.T. 0.088 min
 Lab File: BF137583.D
 Acq: 13 Mar 2024 18:29

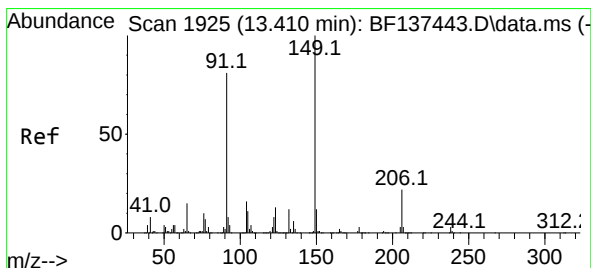
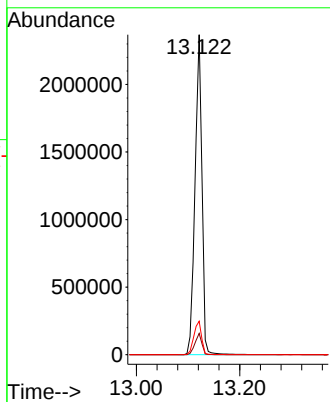
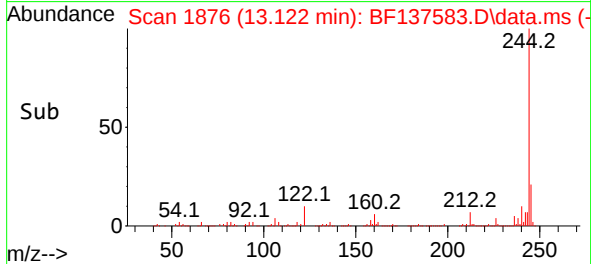
Instrument :
 BNA_F
 ClientSampleId :
 RT-3860MS



Tgt Ion:244 Resp: 2207805
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.5 9.1 13.7

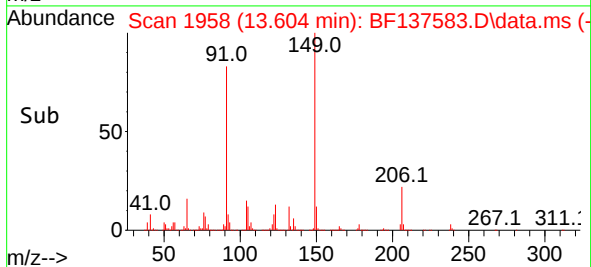
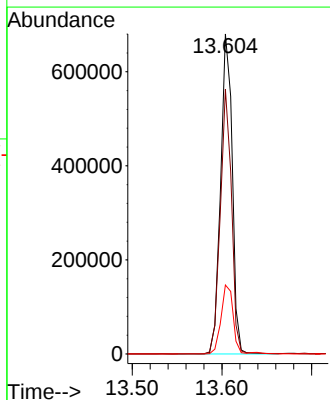
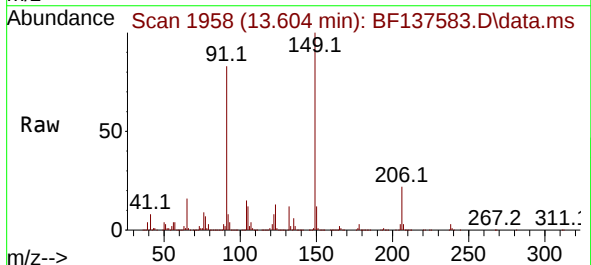
Manual Integrations
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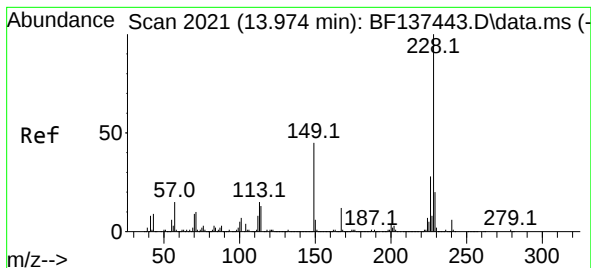
Reviewed By :Jagrut Upadhyay 03/14/2024
 Supervised By :mohammad ahmed 03/15/2024



#80
 Butylbenzylphthalate
 Concen: 57.944 ng
 RT: 13.604 min Scan# 1958
 Delta R.T. 0.088 min
 Lab File: BF137583.D
 Acq: 13 Mar 2024 18:29

Tgt Ion:149 Resp: 612305
 Ion Ratio Lower Upper
 149 100
 91 82.7 64.7 97.1
 206 21.6 17.5 26.3





#81

Benzo(a)anthracene

Concen: 43.117 ng

RT: 14.174 min Scan# 2055

Delta R.T. 0.088 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:228 Resp: 1274350

Ion Ratio Lower Upper

228 100

226 27.5 22.3 33.5

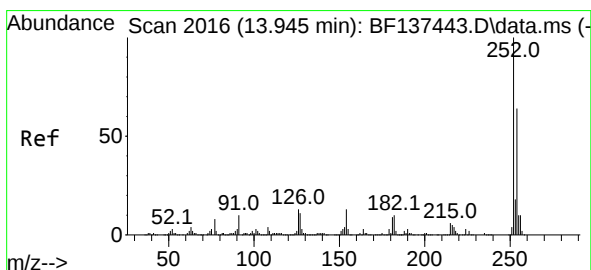
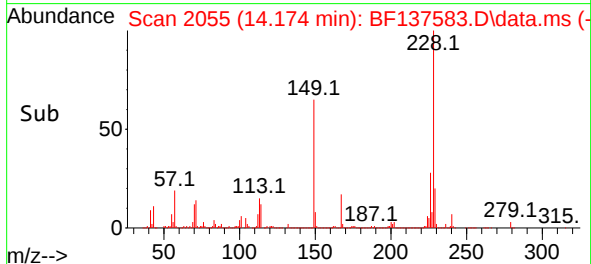
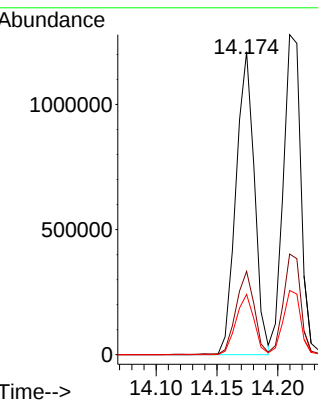
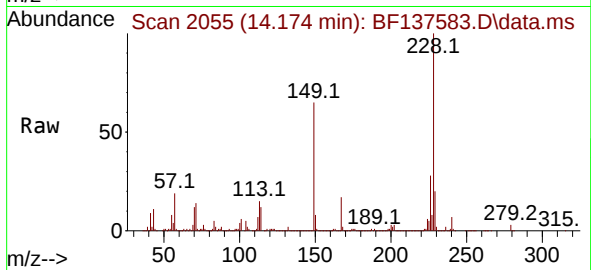
229 19.9 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024

Supervised By :mohammad ahmed 03/15/2024



#82

3,3'-Dichlorobenzidine

Concen: 28.559 ng

RT: 14.139 min Scan# 2049

Delta R.T. 0.088 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

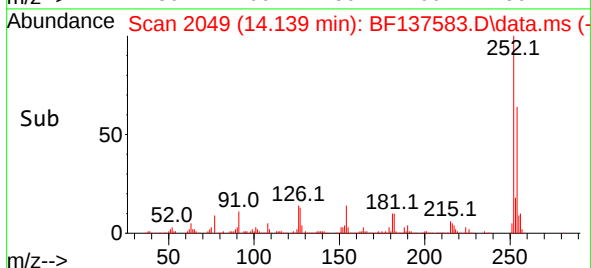
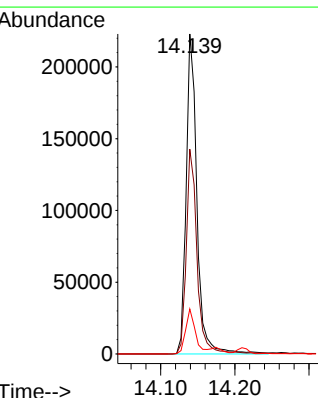
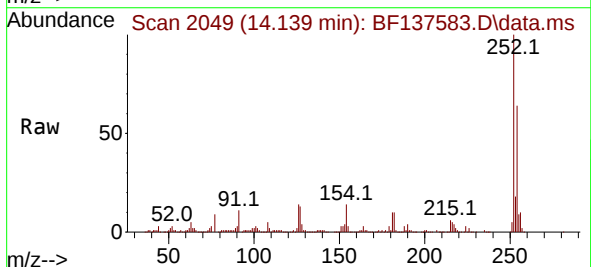
Tgt Ion:252 Resp: 224784

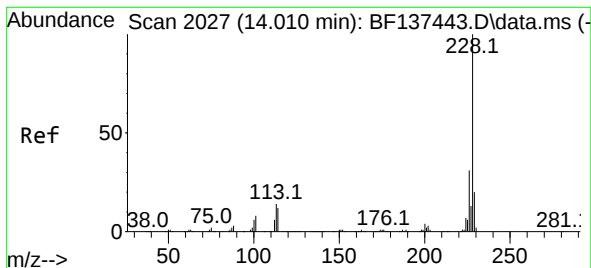
Ion Ratio Lower Upper

252 100

254 64.0 51.4 77.2

126 14.1 10.4 15.6





#83

Chrysene

Concen: 43.906 ng

RT: 14.210 min Scan# 20

Delta R.T. 0.088 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

Instrument :

BNA_F

ClientSampleId :

RT-3860MS

Tgt Ion:228 Resp: 131156

Ion Ratio Lower Upper

228 100

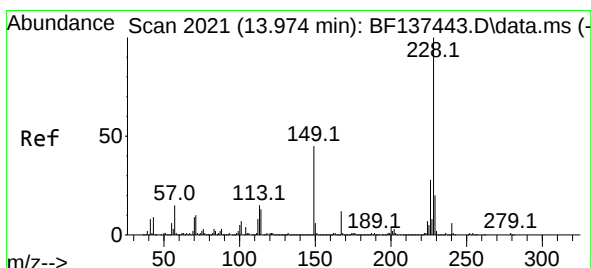
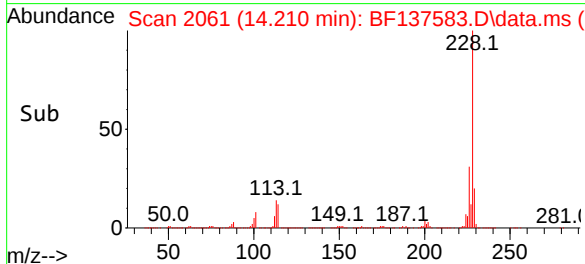
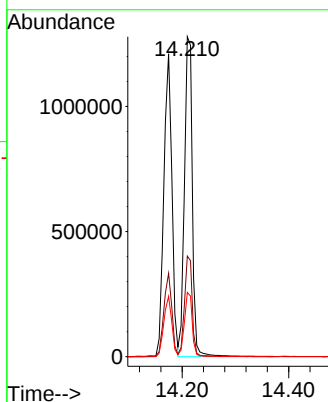
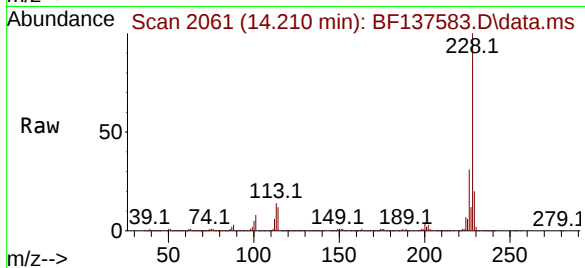
226 31.5 24.7 37.1

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: 60.819 ng

RT: 14.174 min Scan# 2055

Delta R.T. 0.088 min

Lab File: BF137583.D

Acq: 13 Mar 2024 18:29

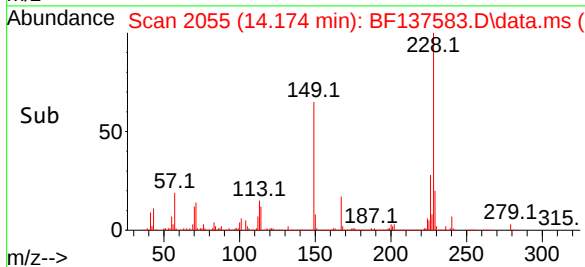
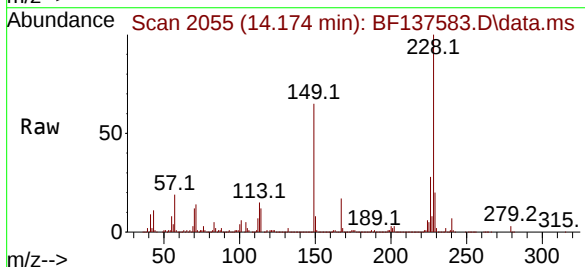
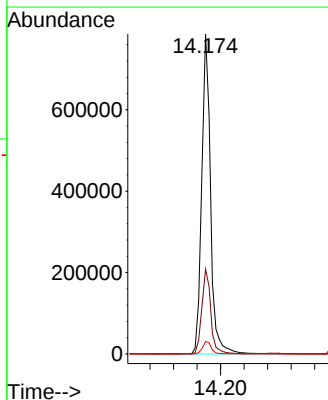
Tgt Ion:149 Resp: 816873

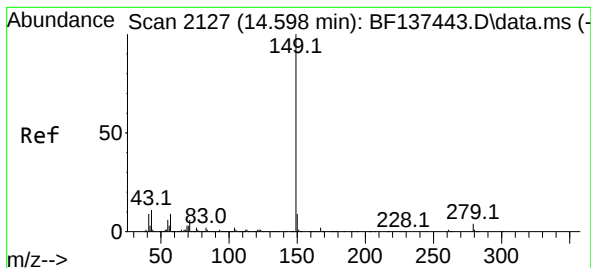
Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

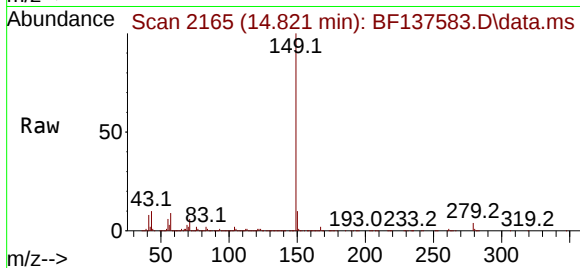
279 3.9 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 58.953 ng
RT: 14.821 min Scan# 2127
Delta R.T. 0.106 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

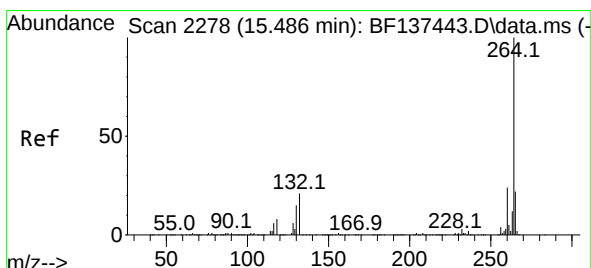
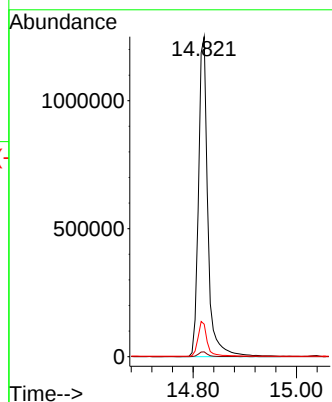
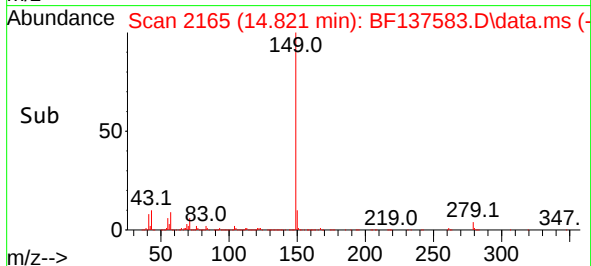
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



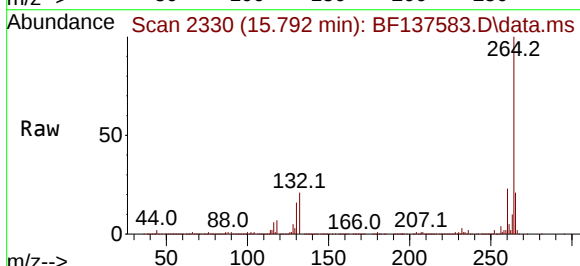
Tgt Ion:149 Resp: 1563529
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.6 14.4

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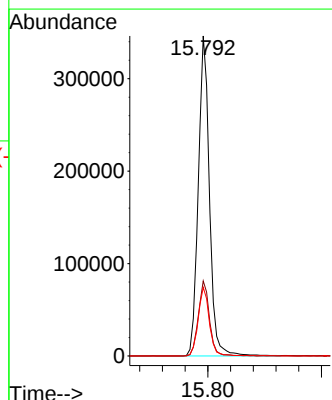
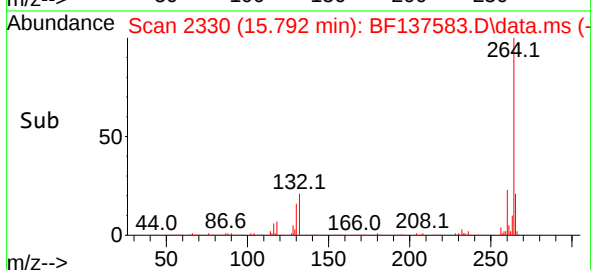
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

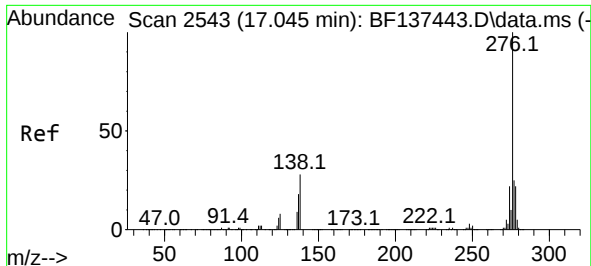


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.792 min Scan# 2330
Delta R.T. 0.141 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29



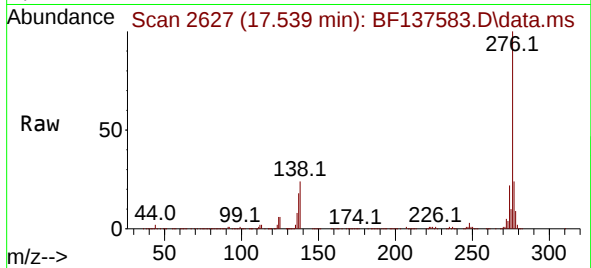
Tgt Ion:264 Resp: 474304
Ion Ratio Lower Upper
264 100
260 23.5 19.3 28.9
265 21.4 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.773 ng
RT: 17.539 min Scan# 20
Delta R.T. 0.259 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

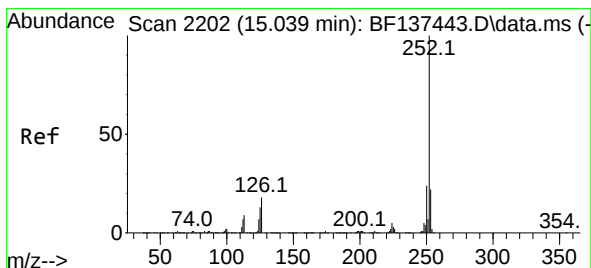
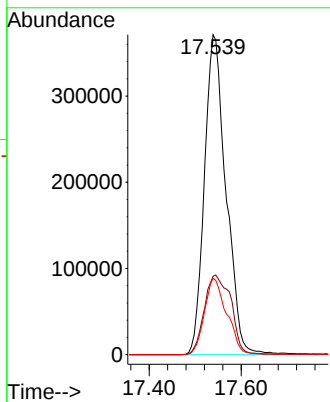
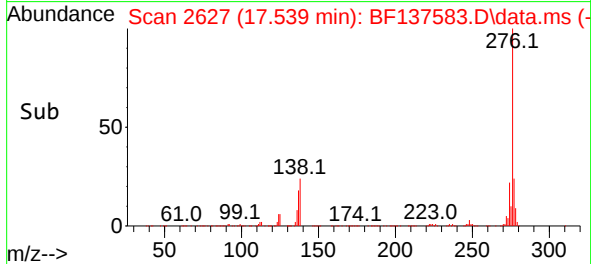
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



Tgt Ion:276 Resp: 121020
Ion Ratio Lower Upper
276 100
138 30.7 25.8 38.8
277 24.7 20.2 30.2

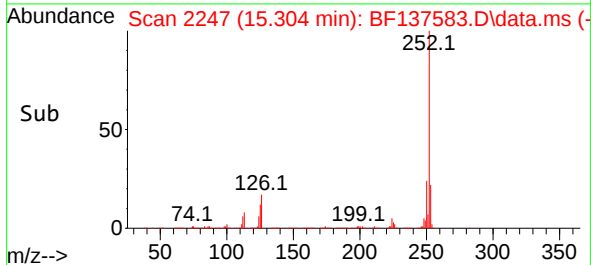
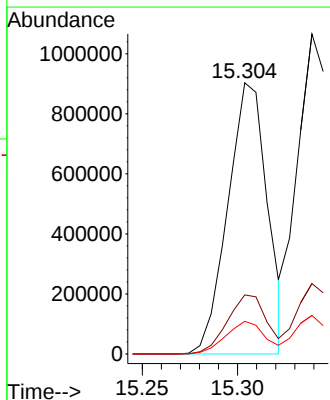
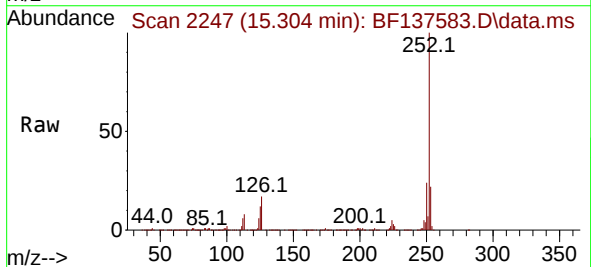
Manual Integrations
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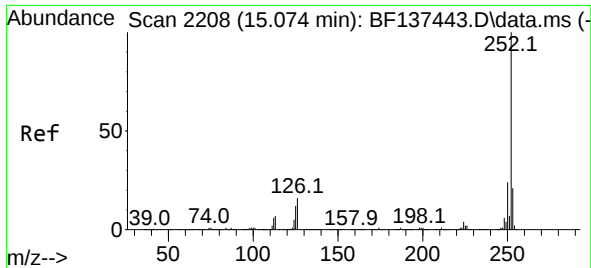
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024



#88
Benzo(b)fluoranthene
Concen: 46.423 ng m
RT: 15.304 min Scan# 2247
Delta R.T. 0.118 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

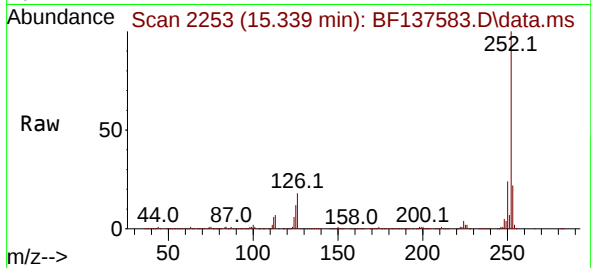
Tgt Ion:252 Resp: 1302490
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 12.1 10.1 15.1





#89
Benzo(k)fluoranthene
Concen: 42.800 ng
RT: 15.339 min Scan# 2119
Delta R.T. 0.124 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

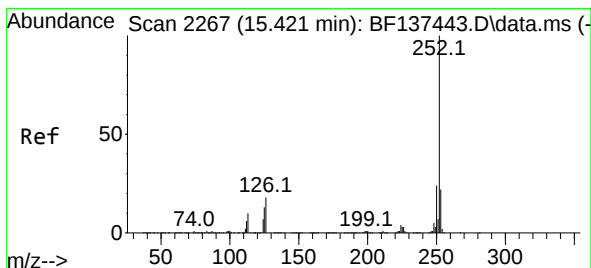
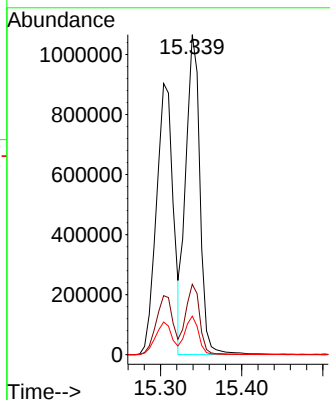
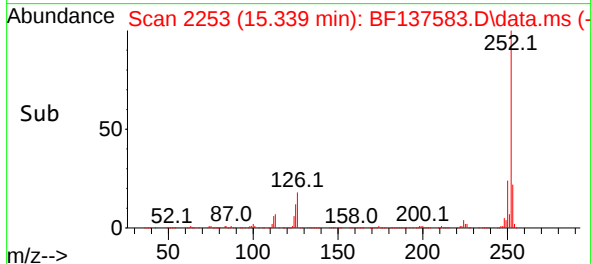
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



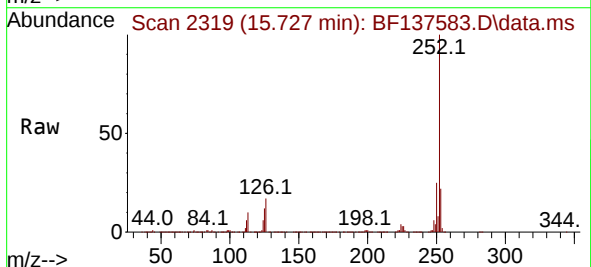
Tgt Ion:252 Resp: 1289809
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 12.1 9.6 14.4

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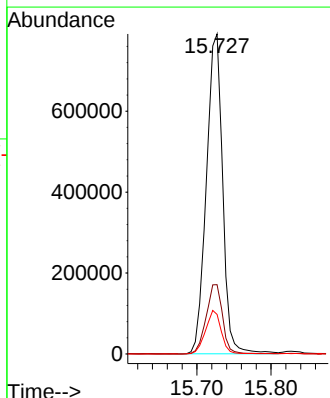
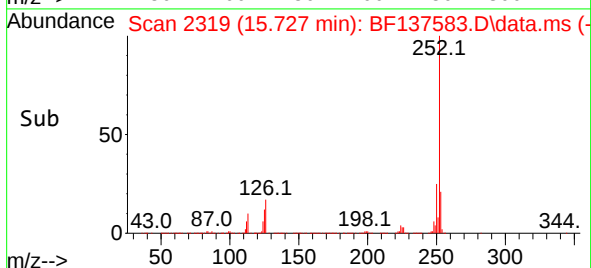
Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/15/2024

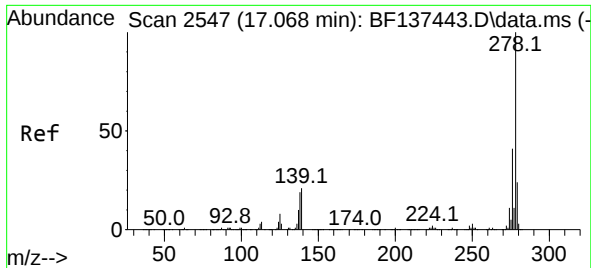


#90
Benzo(a)pyrene
Concen: 43.610 ng
RT: 15.727 min Scan# 2319
Delta R.T. 0.147 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29



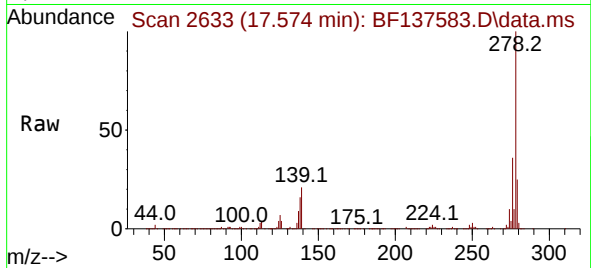
Tgt Ion:252 Resp: 1205760
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 12.4 10.4 15.6





#91
Dibenzo(a,h)anthracene
Concen: 38.867 ng
RT: 17.574 min Scan# 20
Delta R.T. 0.265 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29

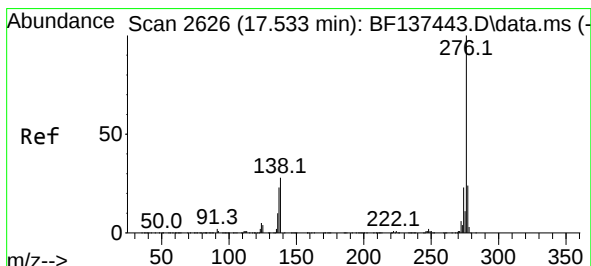
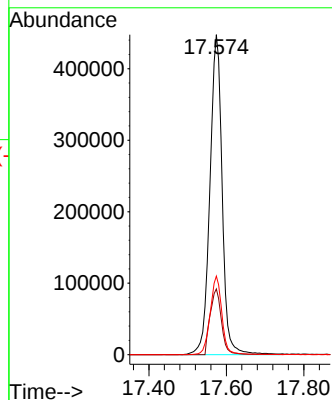
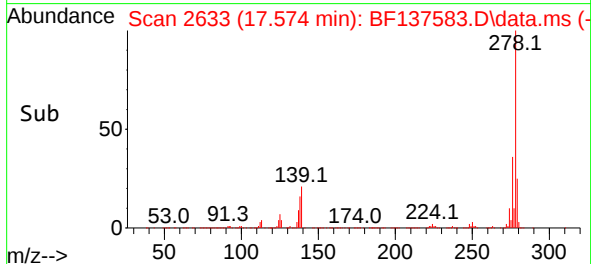
Instrument :
BNA_F
ClientSampleId :
RT-3860MS



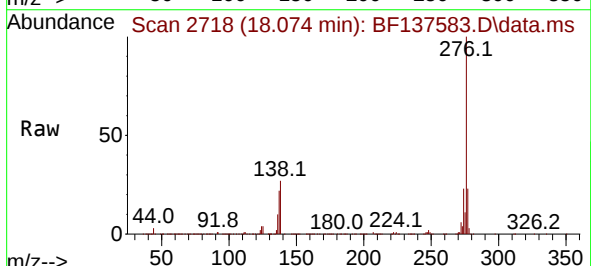
Tgt Ion:278 Resp: 98410
Ion Ratio Lower Upper
278 100
139 20.5 17.0 25.6
279 24.6 18.8 28.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 34.140 ng
RT: 18.074 min Scan# 2718
Delta R.T. 0.288 min
Lab File: BF137583.D
Acq: 13 Mar 2024 18:29



Tgt Ion:276 Resp: 887740
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 26.9 22.2 33.2

