

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139745.D
 Acq On : 10 Oct 2024 14:36
 Operator : RC/JU
 Sample : P4340-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1B-7MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 10 15:15:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	82244	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	310062	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	171673	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	292411	20.000	ng	0.00
76) Chrysene-d12	14.033	240	165333	20.000	ng	0.00
86) Perylene-d12	15.504	264	171587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	629453	132.654	ng	0.02
7) Phenol-d6	6.510	99	787395	123.394	ng	0.00
23) Nitrobenzene-d5	7.434	82	577086	94.233	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	212414	128.175	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1020210	91.232	ng	0.00
79) Terphenyl-d14	12.974	244	897909	89.112	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	96430	47.005	ng	# 80
3) Pyridine	3.522	79	207231	41.535	ng	97
4) n-Nitrosodimethylamine	3.451	42	166832	51.083	ng	96
6) Aniline	6.534	93	112806	19.922	ng	# 21
8) 2-Chlorophenol	6.657	128	271483	53.401	ng	99
9) Benzaldehyde	6.422	77	32491	9.612	ng	99
10) Phenol	6.522	94	319537	47.623	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	275626	50.452	ng	99
12) 1,3-Dichlorobenzene	6.810	146	280157	48.986	ng	99
13) 1,4-Dichlorobenzene	6.887	146	281349	48.573	ng	99
14) 1,2-Dichlorobenzene	7.039	146	272594	50.214	ng	98
15) Benzyl Alcohol	7.016	79	261969	53.731	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	475917	50.321	ng	75
17) 2-Methylphenol	7.128	107	217217	51.181	ng	98
18) Hexachloroethane	7.381	117	101363	46.916	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	206350	50.299	ng	99
20) 3+4-Methylphenols	7.281	107	283880	53.253	ng	97
22) Acetophenone	7.281	105	380850	51.747	ng	96
24) Nitrobenzene	7.451	77	316457	49.903	ng	100
25) Isophorone	7.692	82	560674	51.547	ng	100
26) 2-Nitrophenol	7.769	139	144187	52.890	ng	98
27) 2,4-Dimethylphenol	7.804	122	217906	65.293	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	329756	50.770	ng	99
29) 2,4-Dichlorophenol	8.010	162	228860	52.574	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	238240	48.394	ng	99
31) Naphthalene	8.175	128	815169	51.420	ng	99
32) Benzoic acid	7.939	122	166422	50.149	ng	91
33) 4-Chloroaniline	8.228	127	34943	6.512	ng	99
34) Hexachlorobutadiene	8.286	225	151205	47.462	ng	100
35) Caprolactam	8.598	113	65874m	46.138	ng	
36) 4-Chloro-3-methylphenol	8.716	107	253179	51.379	ng	98
37) 2-Methylnaphthalene	8.863	142	529112	51.246	ng	99
38) 1-Methylnaphthalene	8.963	142	491062	48.657	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	248363	52.099	ng	99
41) Hexachlorocyclopentadiene	9.010	237	158976	108.759	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	168034	52.287	ng	98

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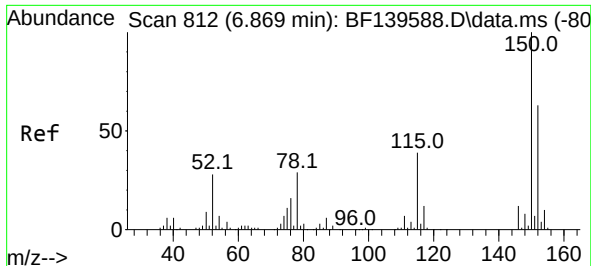
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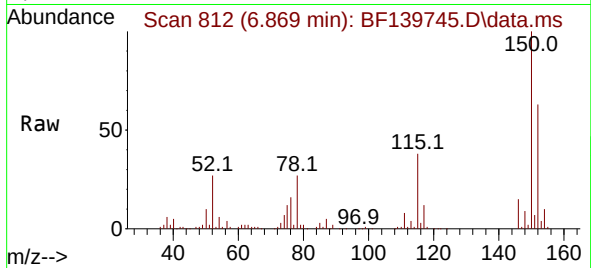
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	178911	51.624	ng	99
46) 1,1'-Biphenyl	9.328	154	655054	51.302	ng	100
47) 2-Chloronaphthalene	9.351	162	490302	51.222	ng	99
48) 2-Nitroaniline	9.451	65	181438	52.803	ng	99
49) Acenaphthylene	9.769	152	796945	54.746	ng	100
50) Dimethylphthalate	9.628	163	596117	53.045	ng	100
51) 2,6-Dinitrotoluene	9.692	165	129596	51.050	ng	95
52) Acenaphthene	9.939	154	561053m	56.142	ng	
53) 3-Nitroaniline	9.863	138	49178	18.957	ng	96
54) 2,4-Dinitrophenol	9.975	184	129580	94.902	ng	96
55) Dibenzofuran	10.110	168	726571	51.927	ng	100
56) 4-Nitrophenol	10.033	139	181058	91.521	ng	96
57) 2,4-Dinitrotoluene	10.098	165	171371	51.645	ng	100
58) Fluorene	10.457	166	563999	50.608	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	150470	53.756	ng	96
60) Diethylphthalate	10.327	149	594358	51.205	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	273619	49.075	ng	97
62) 4-Nitroaniline	10.480	138	122197	46.050	ng	96
63) Azobenzene	10.604	77	603382	51.690	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	84689	51.281	ng	94
66) n-Nitrosodiphenylamine	10.569	169	488732	56.703	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	162832	54.312	ng	96
68) Hexachlorobenzene	11.004	284	175958	52.890	ng	98
69) Atrazine	11.092	200	137571	59.489	ng	100
70) Pentachlorophenol	11.204	266	197206	99.551	ng	99
71) Phenanthrene	11.422	178	747132	54.189	ng	100
72) Anthracene	11.469	178	766431	56.190	ng	99
73) Carbazole	11.627	167	667323	50.939	ng	100
74) Di-n-butylphthalate	11.951	149	857805	53.846	ng	100
75) Fluoranthene	12.610	202	695550	46.150	ng	100
77) Benzidine	12.733	184	46259	15.862	ng	98
78) Pyrene	12.839	202	699840	47.327	ng	100
80) Butylbenzylphthalate	13.451	149	275981	52.178	ng	97
81) Benzo(a)anthracene	14.021	228	603066	55.480	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	122568	36.844	ng	99
83) Chrysene	14.063	228	513209	51.641	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	359887	54.490	ng	99
85) Di-n-octyl phthalate	14.621	149	609682	62.834	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	481097	47.637	ng	99
88) Benzo(b)fluoranthene	15.080	252	558408	50.332	ng	99
89) Benzo(k)fluoranthene	15.110	252	500431	53.174	ng	100
90) Benzo(a)pyrene	15.445	252	499544	57.104	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	403852	48.213	ng	100
92) Benzo(g,h,i)perylene	17.433	276	342006	40.711	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

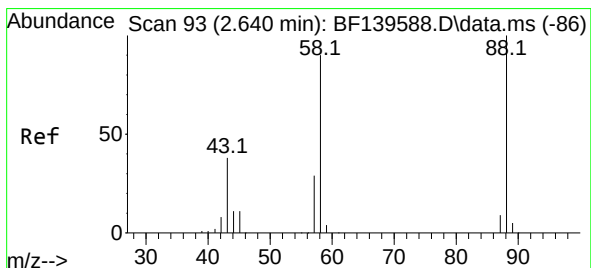
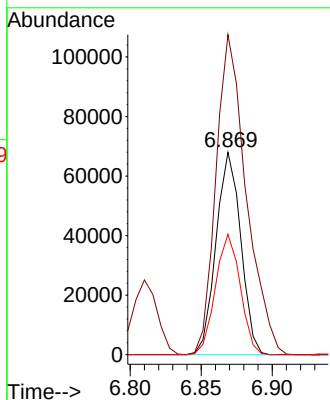
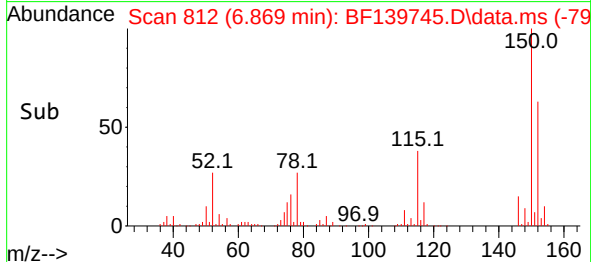
Instrument :
BNA_F
ClientSampleId :
1B-7MS



Tgt Ion:152 Resp: 8224
Ion Ratio Lower Upper
152 100
150 158.1 127.2 190.8
115 59.5 49.0 73.4

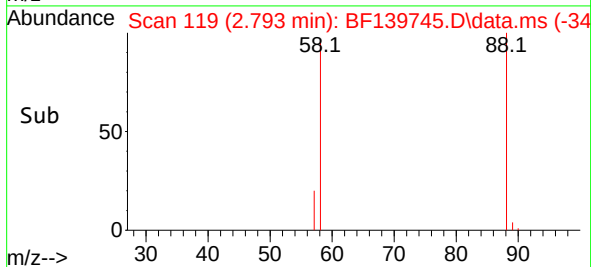
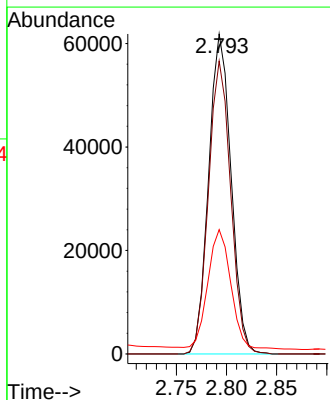
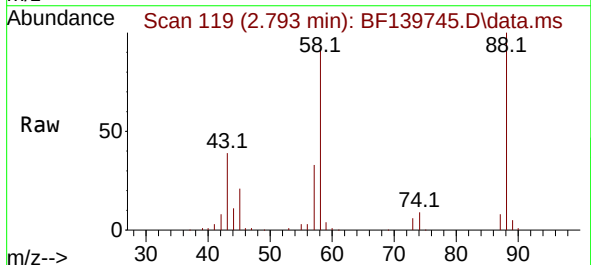
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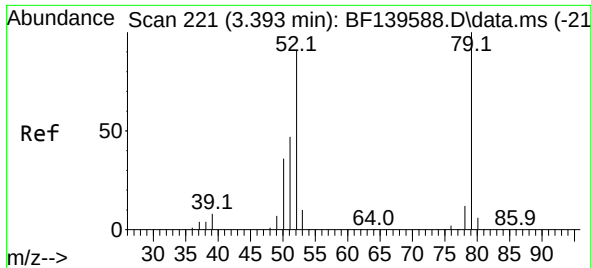
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#2
1,4-Dioxane
Concen: 47.005 ng
RT: 2.793 min Scan# 119
Delta R.T. 0.153 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Tgt Ion: 88 Resp: 96430
Ion Ratio Lower Upper
88 100
58 90.7 72.0 108.0
43 0.0 30.8 46.2





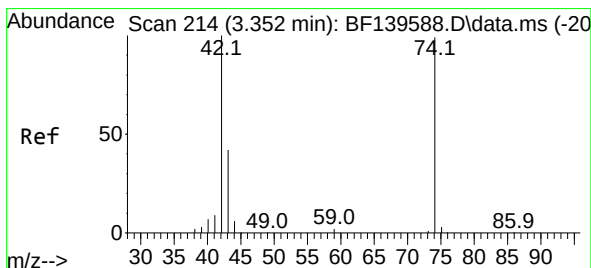
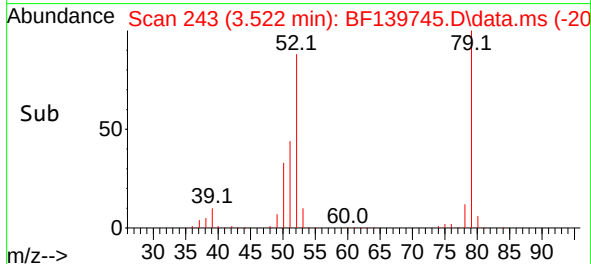
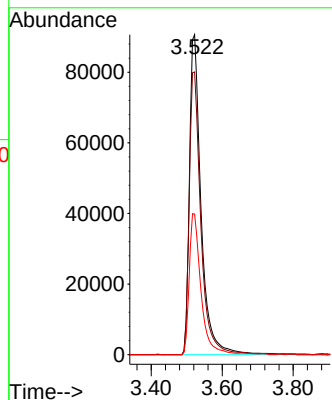
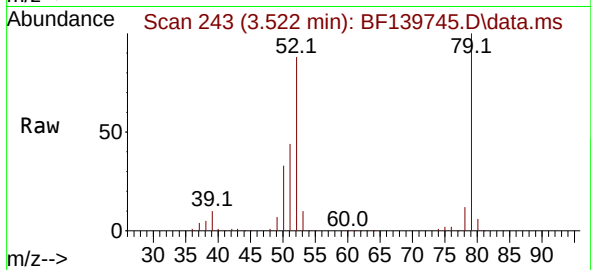
#3
Pyridine
Concen: 41.535 ng
RT: 3.522 min Scan# 243
Delta R.T. 0.129 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Instrument :
BNA_F
ClientSampleId :
1B-7MS

Tgt Ion: 79 Resp: 20723
Ion Ratio Lower Upper
79 100
52 88.4 72.6 109.0
51 43.9 37.5 56.3

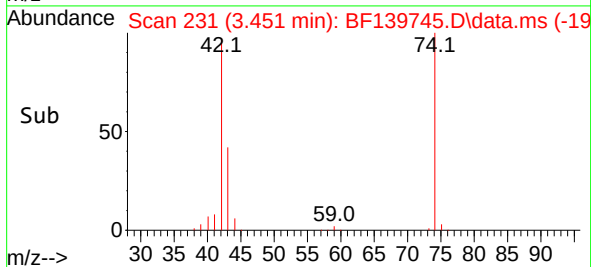
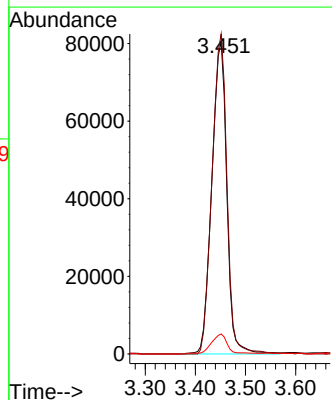
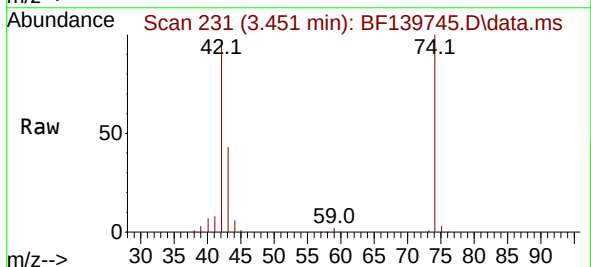
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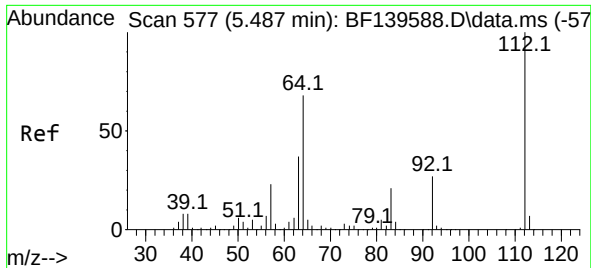
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#4
n-Nitrosodimethylamine
Concen: 51.083 ng
RT: 3.451 min Scan# 231
Delta R.T. 0.100 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

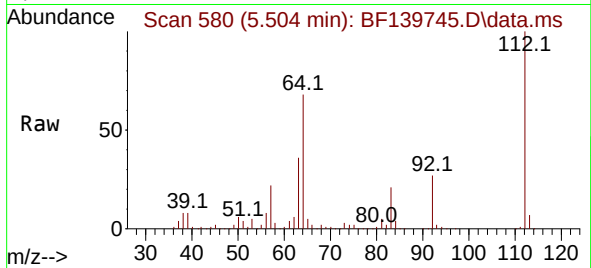
Tgt Ion: 42 Resp: 166832
Ion Ratio Lower Upper
42 100
74 102.6 79.0 118.6
44 6.4 5.2 7.8





#5
2-Fluorophenol
Concen: 132.654 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

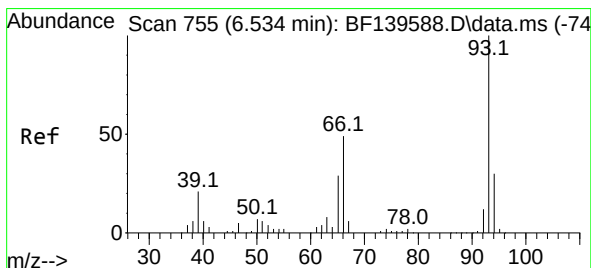
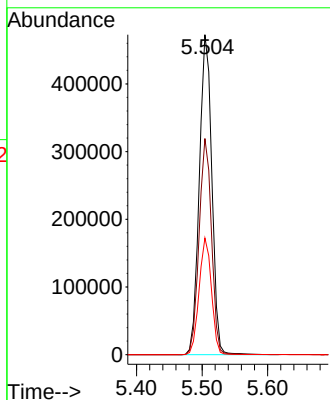
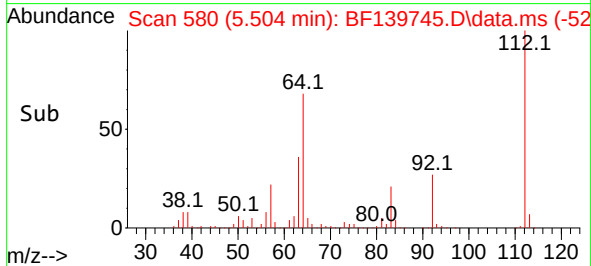
Instrument :
BNA_F
ClientSampleId :
1B-7MS



Tgt Ion:112 Resp: 62945
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.4
63 36.4 29.4 44.2

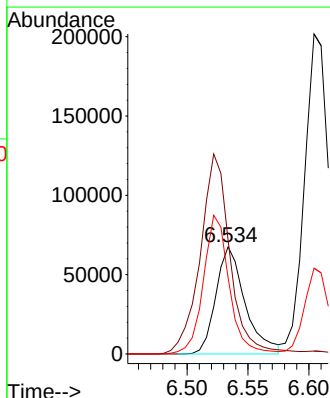
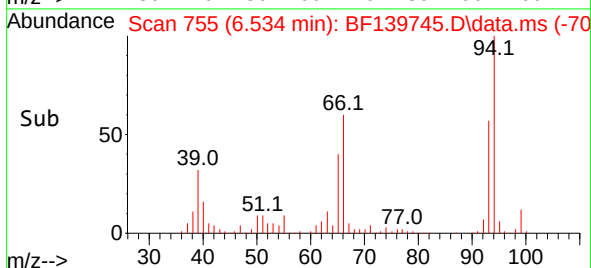
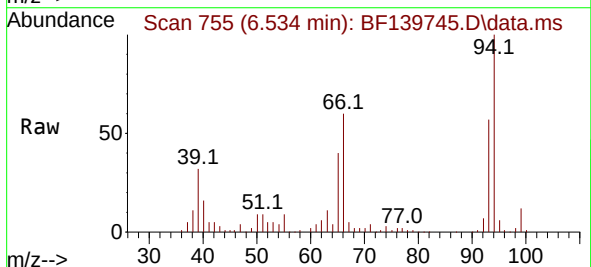
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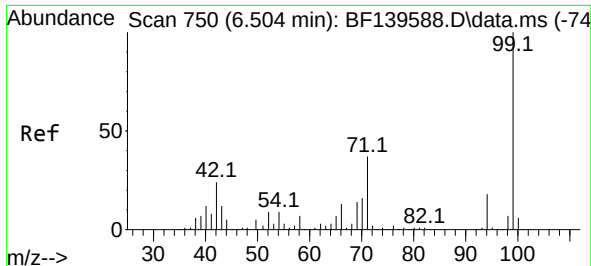
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#6
Aniline
Concen: 19.922 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Tgt Ion: 93 Resp: 112806
Ion Ratio Lower Upper
93 100
66 105.9 40.9 61.3#
65 71.0 23.3 34.9#





#7

Phenol-d6

Concen: 123.394 ng

RT: 6.510 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS

Tgt Ion: 99 Resp: 78739

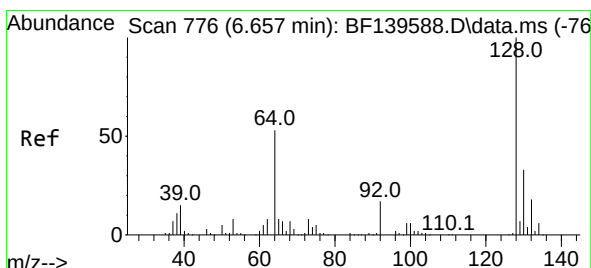
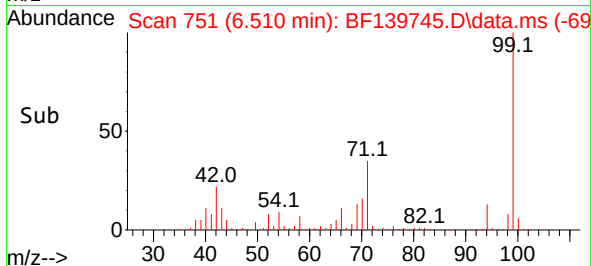
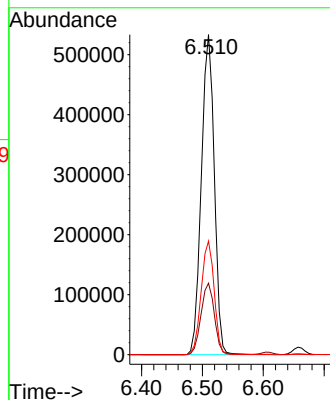
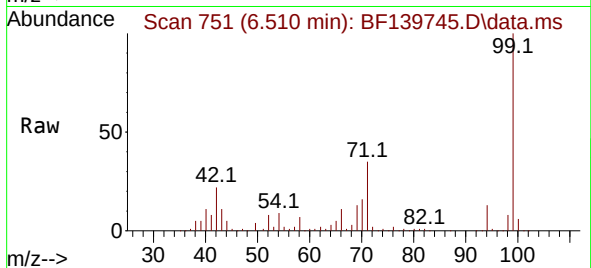
Ion	Ratio	Lower	Upper
99	100		
42	22.4	19.1	28.7
71	35.5	29.7	44.5

Manual Integrations

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#8

2-Chlorophenol

Concen: 53.401 ng

RT: 6.657 min Scan# 776

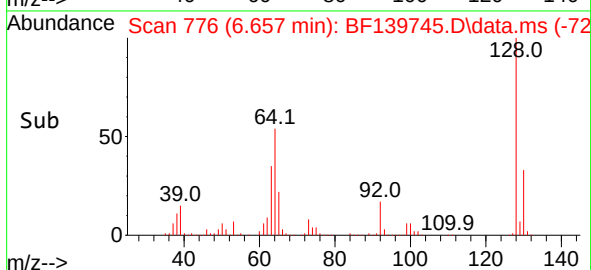
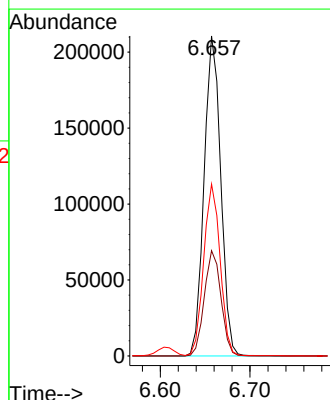
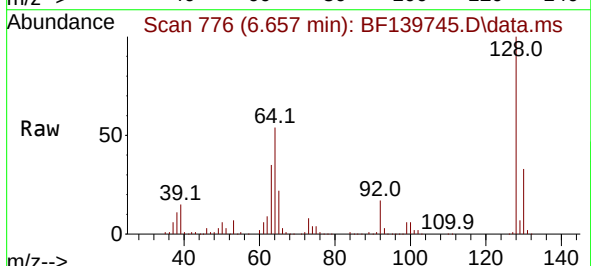
Delta R.T. -0.000 min

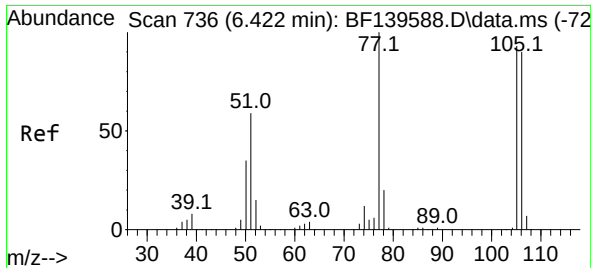
Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

Tgt Ion:128 Resp: 271483

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.2	53.2
64	53.7	35.1	75.1





#9

Benzaldehyde

Concen: 9.612 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS

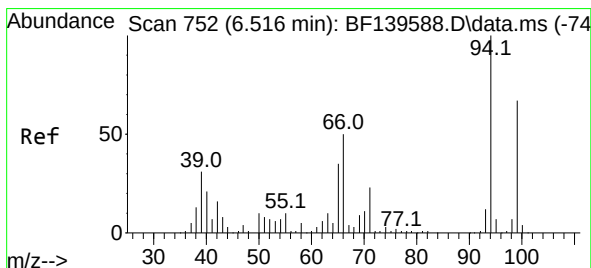
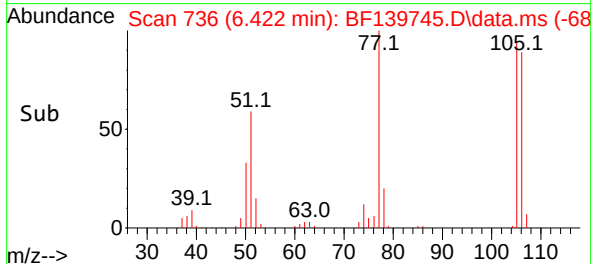
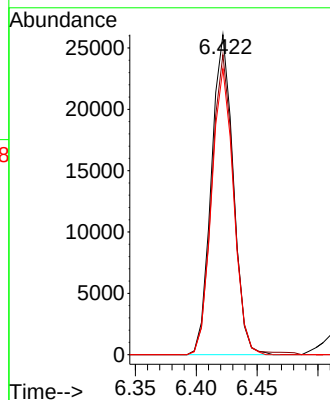
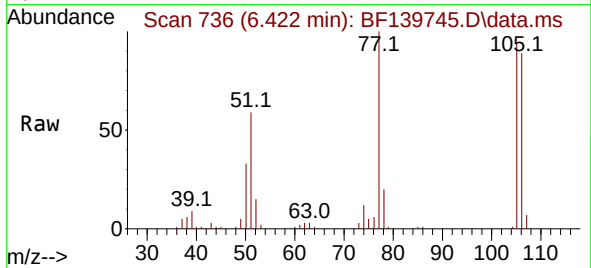
Tgt Ion: 77	Resp: 3249
Ion Ratio	Lower Upper
77 100	
105 93.7	72.7 112.7
106 89.4	70.1 110.1

Manual Integrations

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#10

Phenol

Concen: 47.623 ng

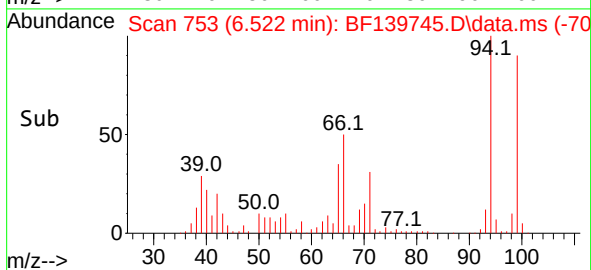
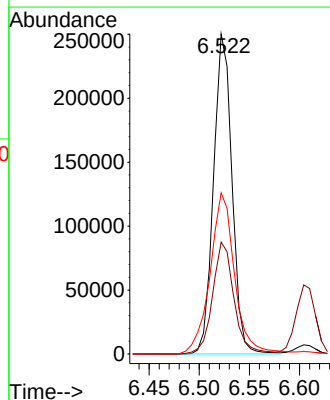
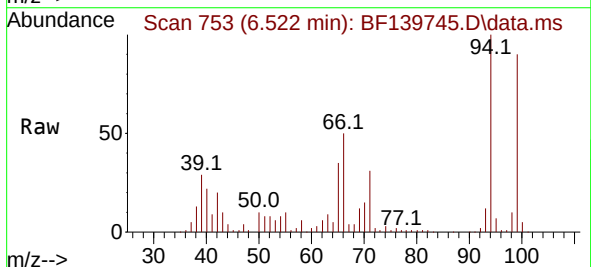
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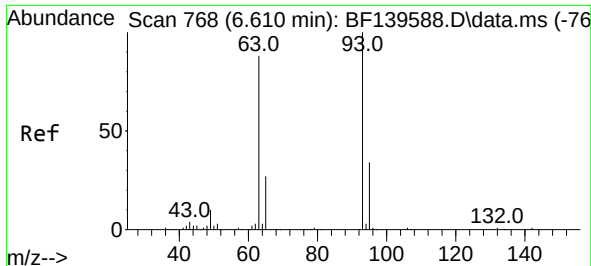
Delta R.T. 0.006 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

Tgt Ion: 94	Resp: 319537
Ion Ratio	Lower Upper
94 100	
65 34.9	15.3 55.3
66 50.4	30.5 70.5





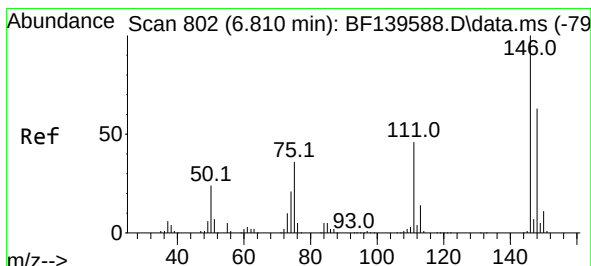
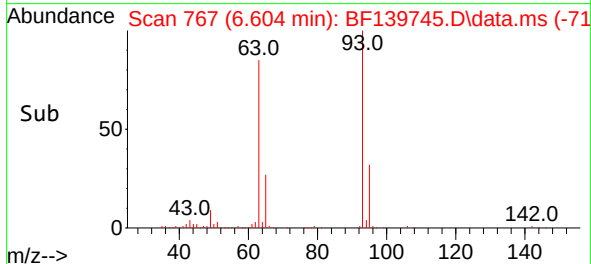
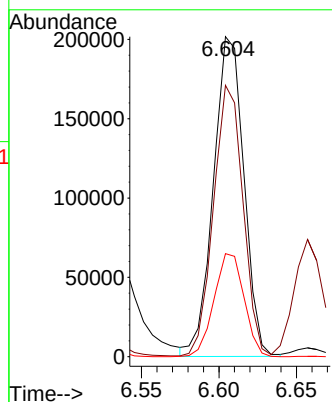
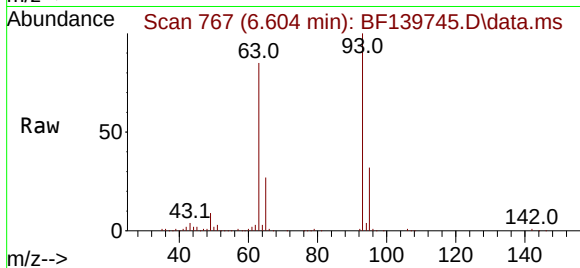
#11
bis(2-Chloroethyl)ether
Concen: 50.452 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Instrument :
BNA_F
ClientSampleId :
1B-7MS

Tgt Ion: 93 Resp: 275620
Ion Ratio Lower Upper
93 100
63 84.8 64.1 104.1
95 32.2 12.3 52.3

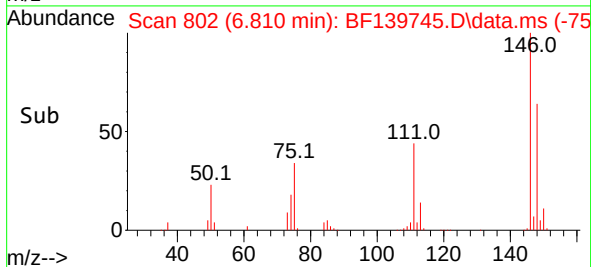
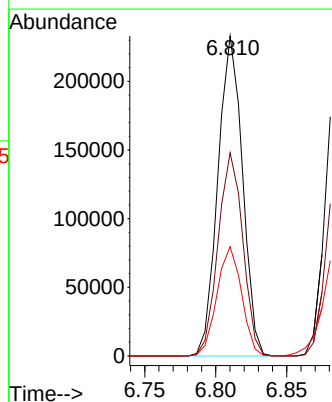
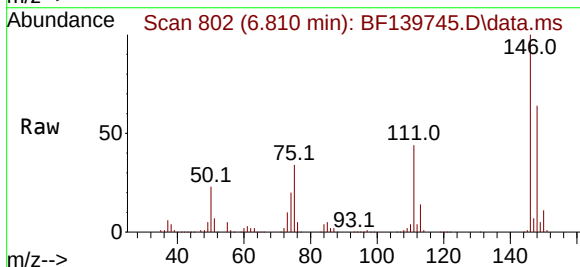
Manual Integrations
APPROVED

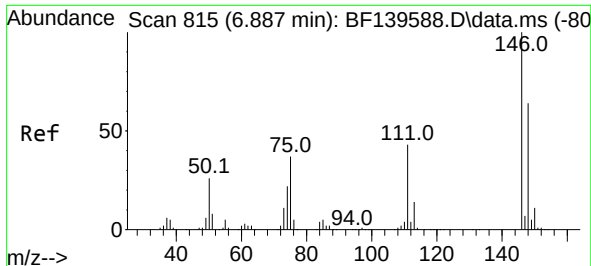
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#12
1,3-Dichlorobenzene
Concen: 48.986 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

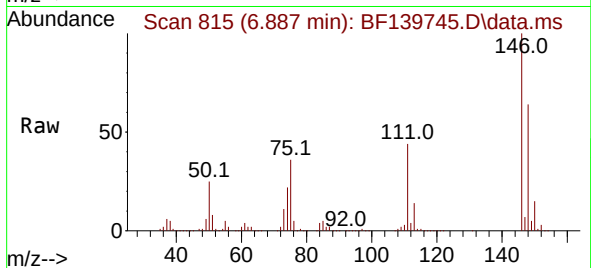
Tgt Ion:146 Resp: 280157
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.4
75 34.2 28.5 42.7





#13
1,4-Dichlorobenzene
Concen: 48.573 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

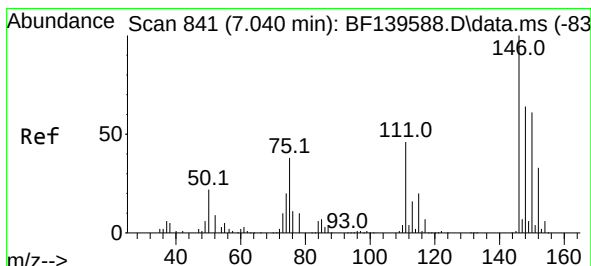
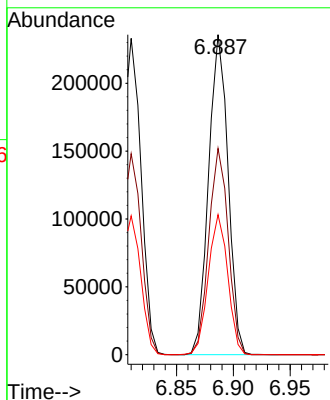
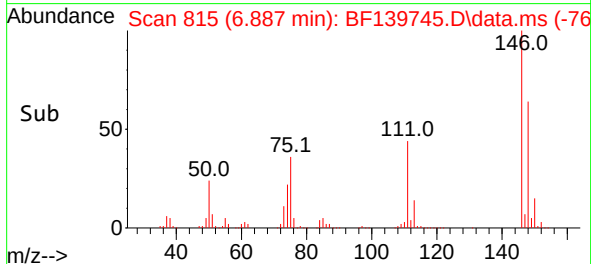
Instrument :
BNA_F
ClientSampleId :
1B-7MS



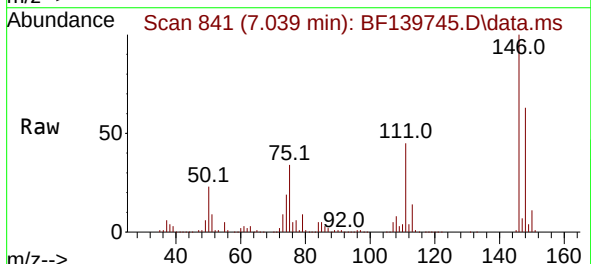
Tgt Ion:146 Resp: 281349
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 43.8 34.9 52.3

Manual Integrations
APPROVED

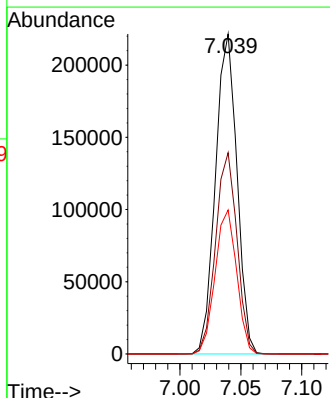
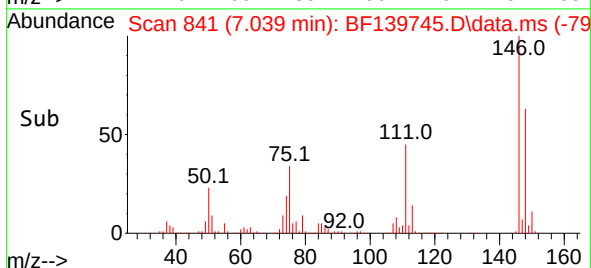
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

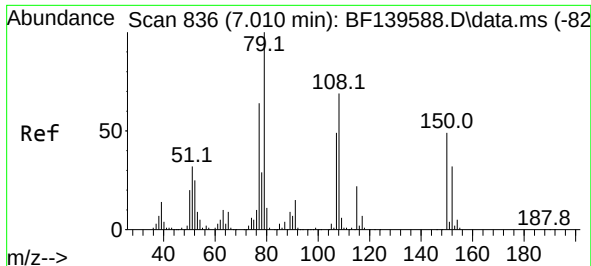


#14
1,2-Dichlorobenzene
Concen: 50.214 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36



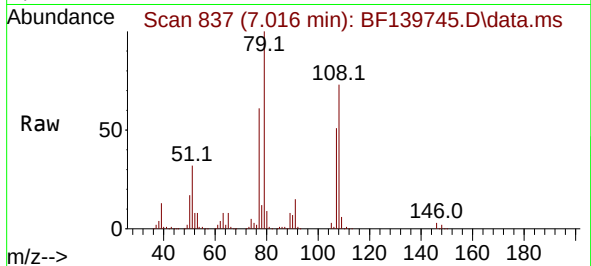
Tgt Ion:146 Resp: 272594
Ion Ratio Lower Upper
146 100
148 62.9 51.2 76.8
111 45.0 37.0 55.6





#15
Benzyl Alcohol
Concen: 53.731 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

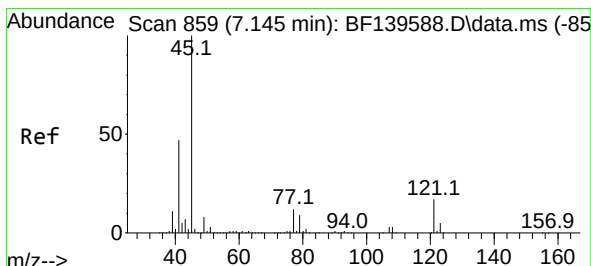
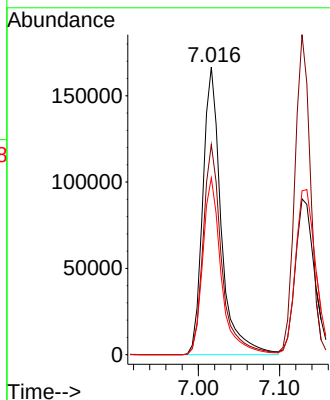
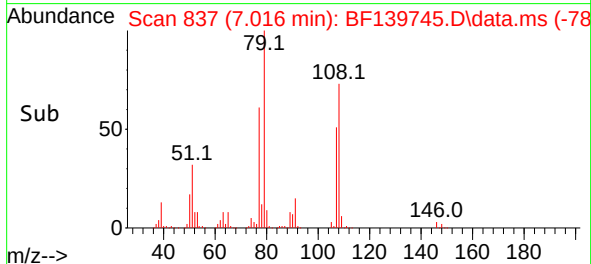
Instrument :
BNA_F
ClientSampleId :
1B-7MS



Tgt Ion: 79 Resp: 261969
Ion Ratio Lower Upper
79 100
108 73.0 55.1 82.7
77 61.4 50.8 76.2

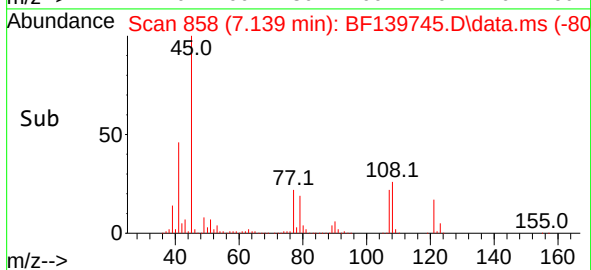
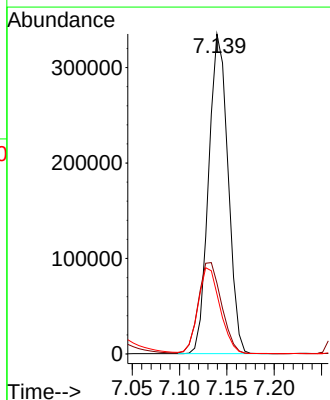
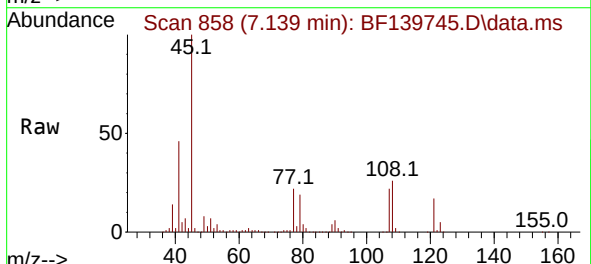
Manual Integrations
APPROVED

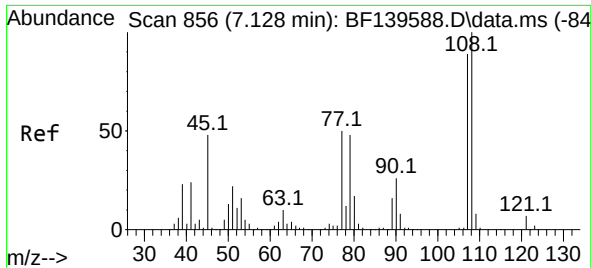
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.321 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Tgt Ion: 45 Resp: 475917
Ion Ratio Lower Upper
45 100
77 22.1 0.0 32.5
79 18.8 0.0 29.7





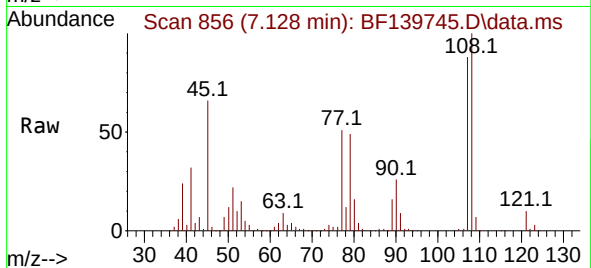
#17
2-Methylphenol
Concen: 51.181 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS

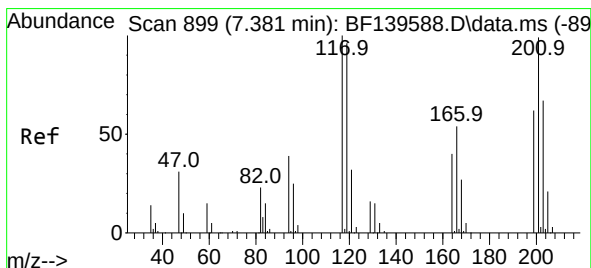
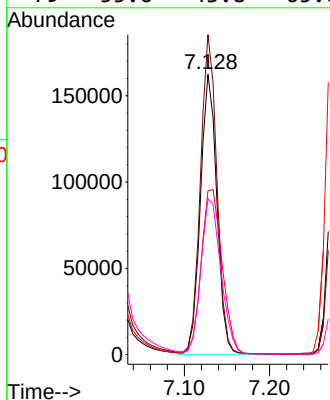
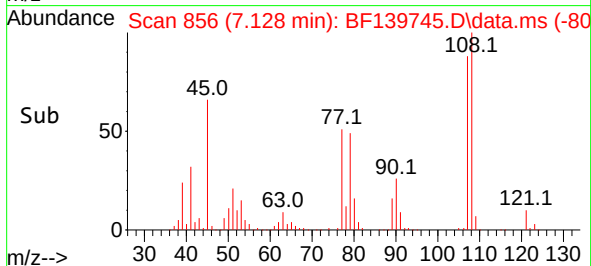


Tgt Ion:107 Resp: 21721
Ion Ratio Lower Upper
107 100
108 114.1 89.8 134.6
77 58.5 44.6 67.0
79 55.6 43.8 65.6

Manual Integrations

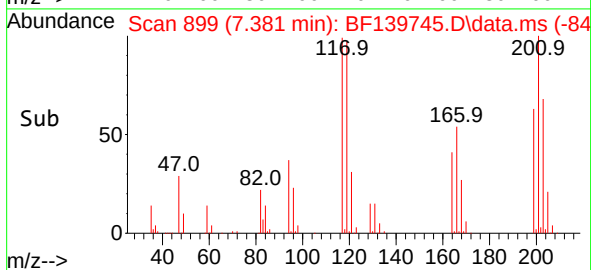
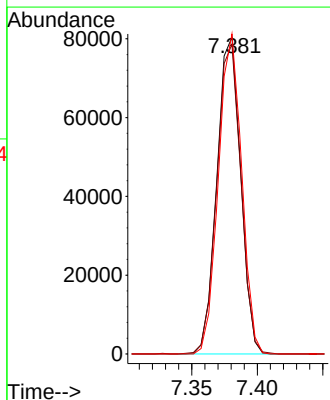
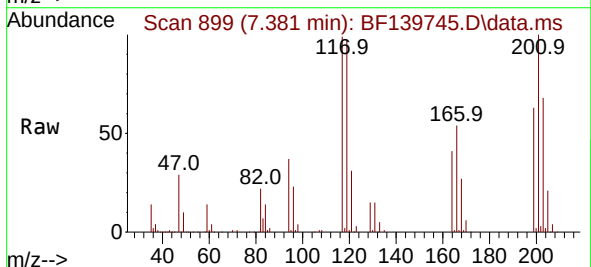
APPROVED

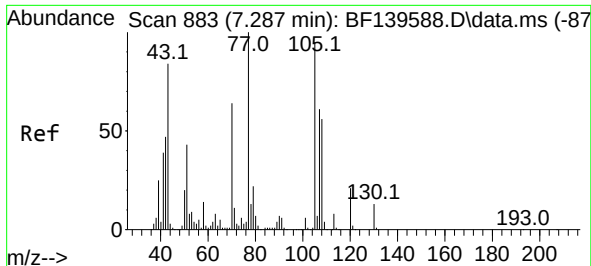
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#18
Hexachloroethane
Concen: 46.916 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Tgt Ion:117 Resp: 101363
Ion Ratio Lower Upper
117 100
119 97.7 77.0 115.6
201 101.0 79.2 118.8





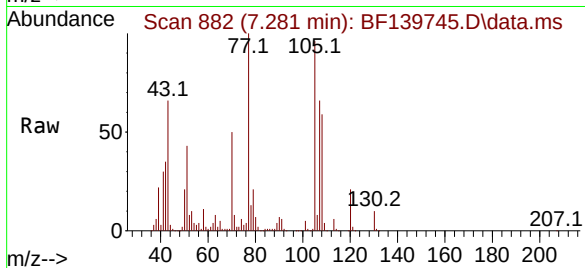
#19
n-Nitroso-di-n-propylamine
Concen: 50.299 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS



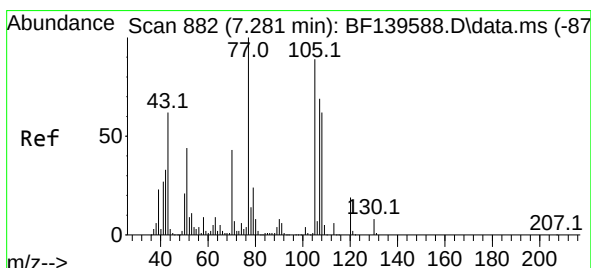
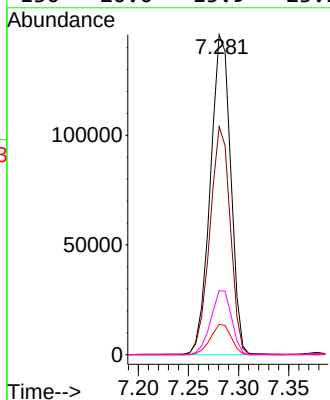
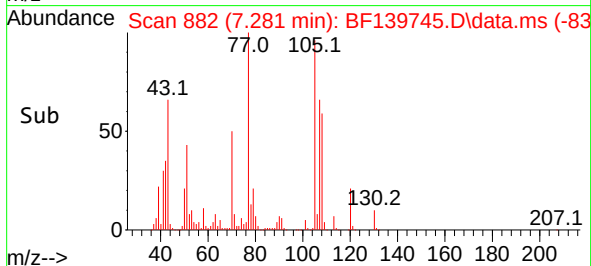
Tgt Ion: 70 Resp: 206350
Ion Ratio Lower Upper
70 100
42 71.2 58.0 87.0
101 9.5 7.8 11.8
130 20.0 15.9 23.9

Manual Integrations

APPROVED

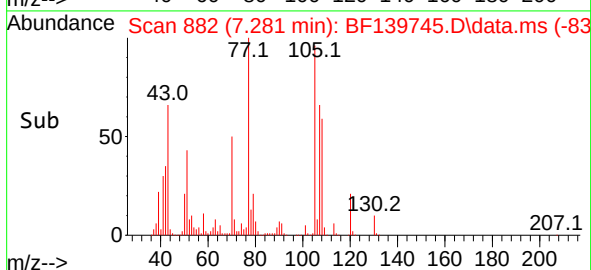
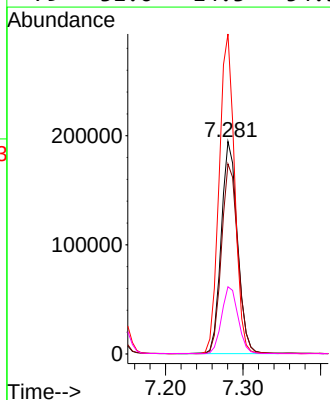
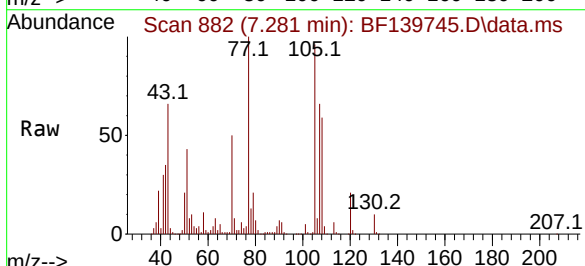
Reviewed By :Yogesh Patel 10/11/2024

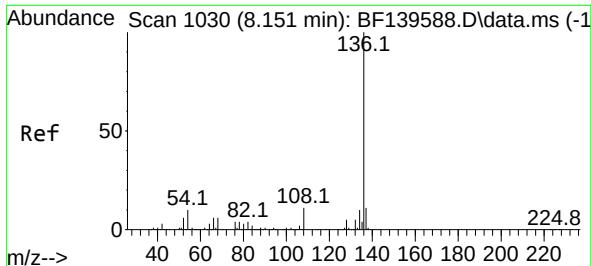
Supervised By :mohammad ahmed 10/11/2024



#20
3+4-Methylphenols
Concen: 53.253 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Tgt Ion:107 Resp: 283880
Ion Ratio Lower Upper
107 100
108 89.5 70.2 110.2
77 150.6 125.3 165.3
79 31.6 14.3 54.3





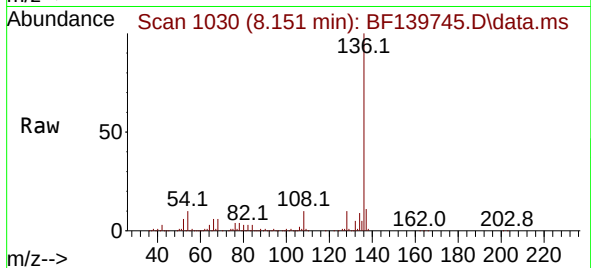
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS



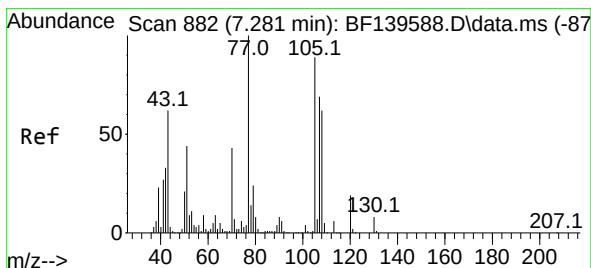
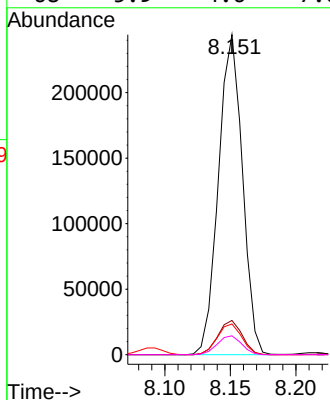
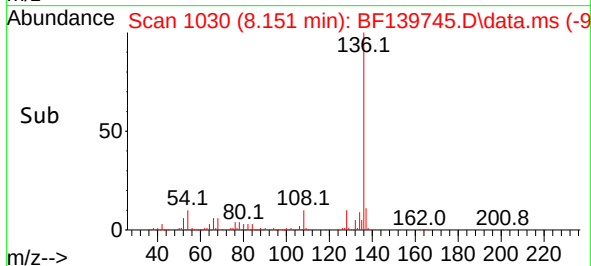
Tgt Ion:136 Resp: 310062
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.6 8.3 12.5
68 5.9 4.6 7.0

Manual Integrations

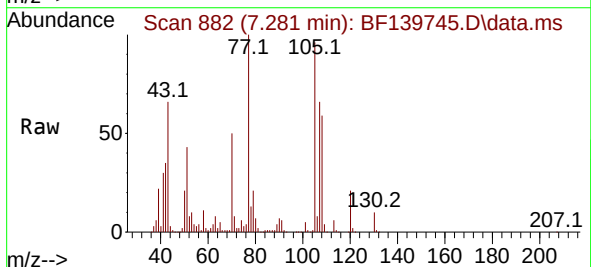
APPROVED

Reviewed By :Yogesh Patel 10/11/2024

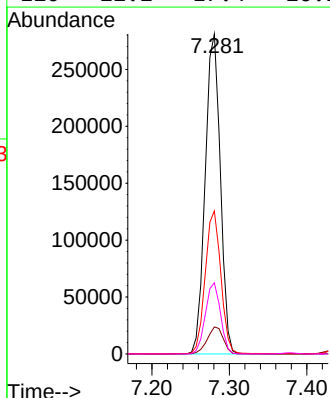
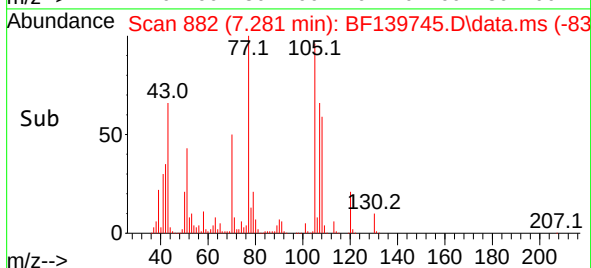
Supervised By :mohammad ahmed 10/11/2024

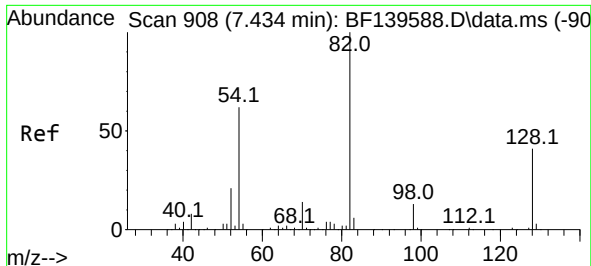


#22
Acetophenone
Concen: 51.747 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36



Tgt Ion:105 Resp: 380850
Ion Ratio Lower Upper
105 100
71 8.5 6.6 10.0
51 44.7 39.4 59.0
120 22.2 17.4 26.2





#23

Nitrobenzene-d5

Concen: 94.233 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

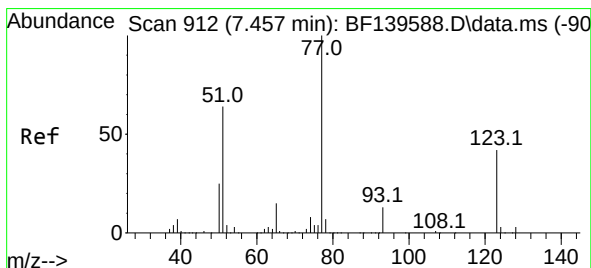
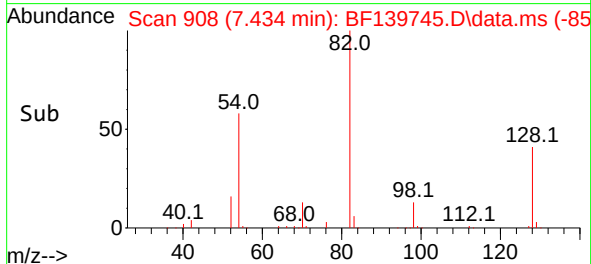
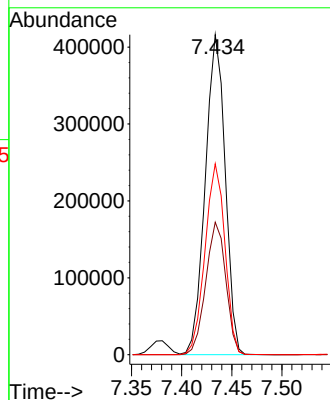
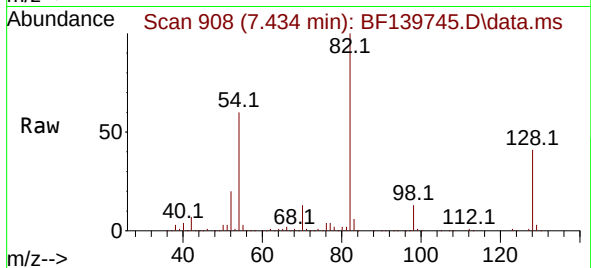
1B-7MS

Tgt Ion: 82 Resp: 577080
 Ion Ratio Lower Upper
 82 100
 128 41.4 32.4 48.6
 54 59.6 49.1 73.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :mohammad ahmed 10/11/2024



#24

Nitrobenzene

Concen: 49.903 ng

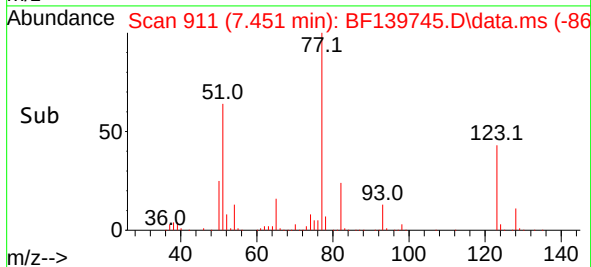
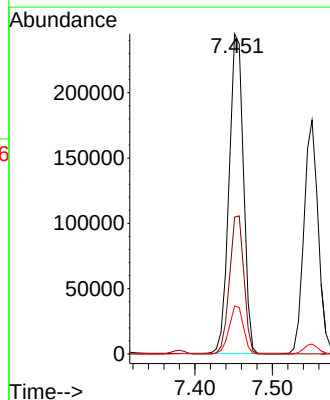
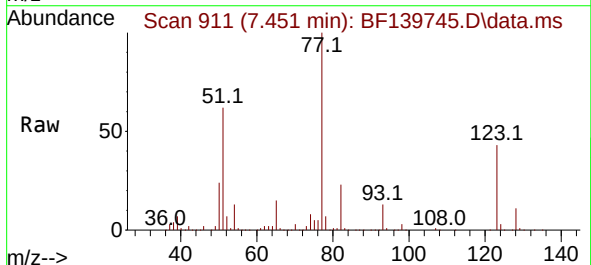
RT: 7.451 min Scan# 911

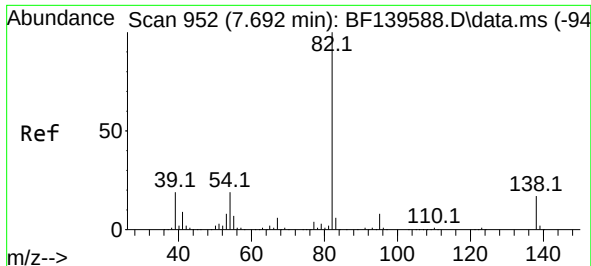
Delta R.T. -0.006 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

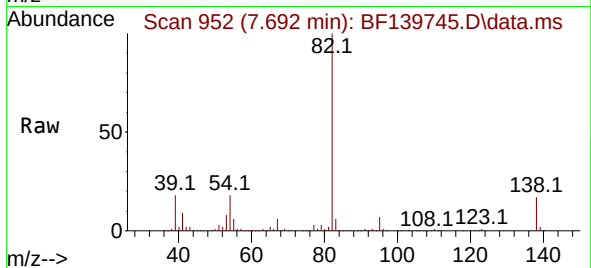
Tgt Ion: 77 Resp: 316457
 Ion Ratio Lower Upper
 77 100
 123 42.8 34.2 51.4
 65 15.0 12.1 18.1





#25
Isophorone
Concen: 51.547 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

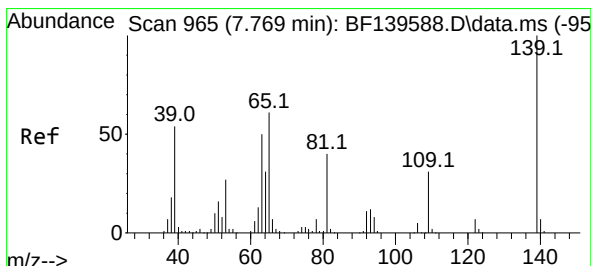
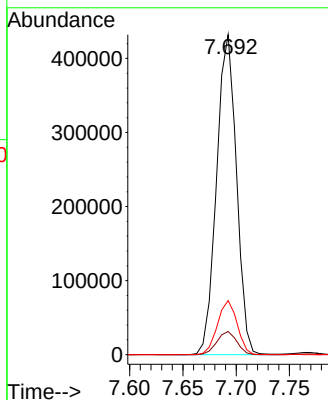
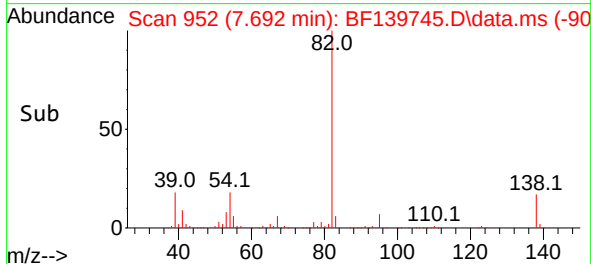
Instrument :
BNA_F
ClientSampleId :
1B-7MS



Tgt Ion: 82 Resp: 560674
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 16.9 13.4 20.2

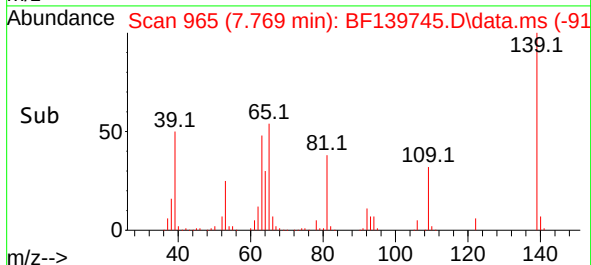
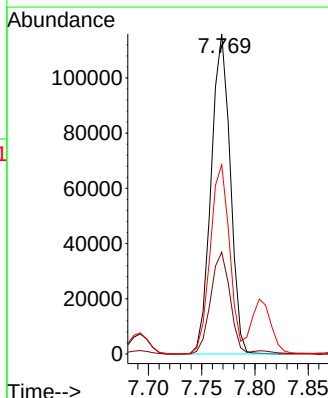
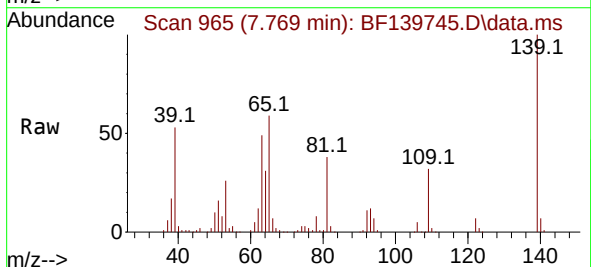
Manual Integrations
APPROVED

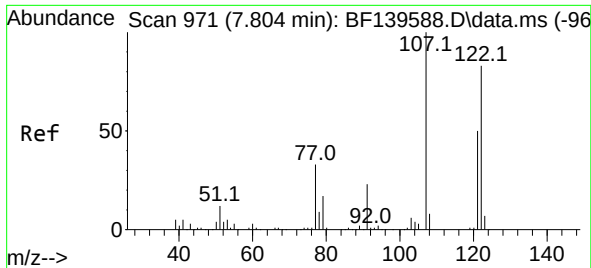
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#26
2-Nitrophenol
Concen: 52.890 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Tgt Ion:139 Resp: 144187
Ion Ratio Lower Upper
139 100
109 31.8 24.9 37.3
65 59.1 48.6 72.8





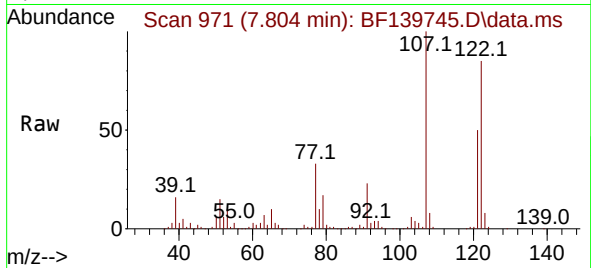
#27
2,4-Dimethylphenol
Concen: 65.293 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS



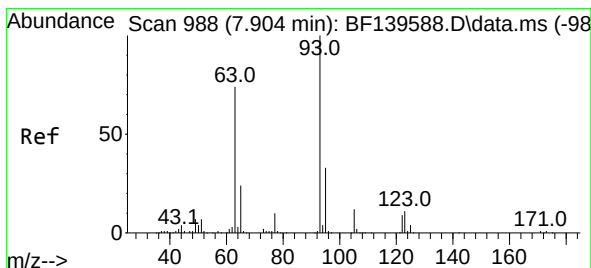
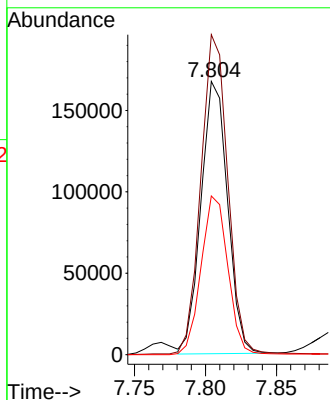
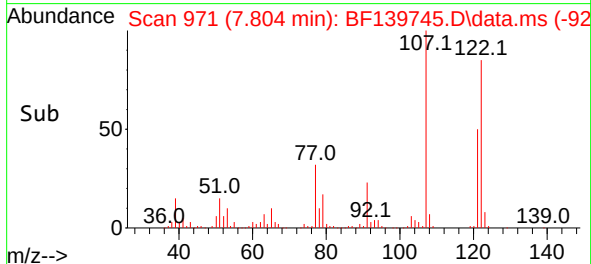
Tgt Ion:122 Resp: 217900
Ion Ratio Lower Upper
122 100
107 117.1 95.4 143.0
121 58.1 47.4 71.2

Manual Integrations

APPROVED

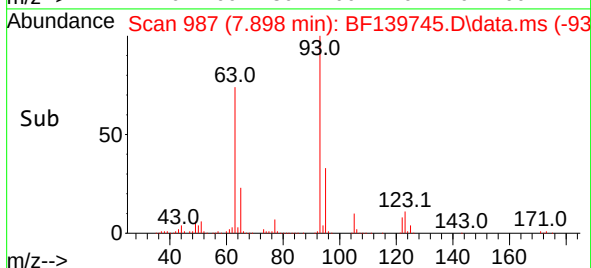
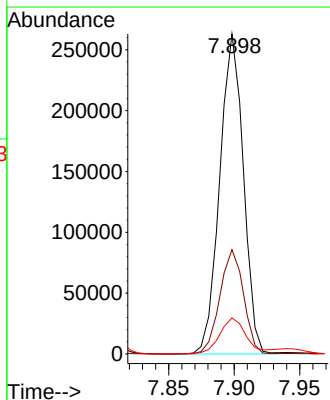
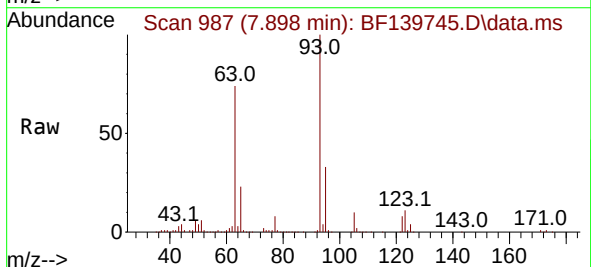
Reviewed By :Yogesh Patel 10/11/2024

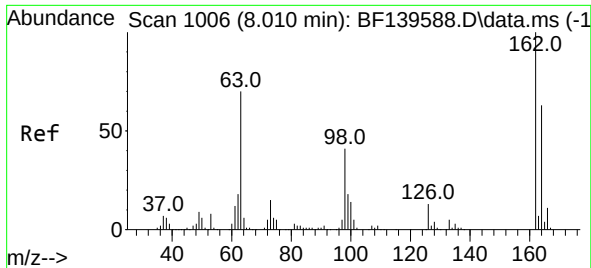
Supervised By :mohammad ahmed 10/11/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.770 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Tgt Ion: 93 Resp: 329756
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.3 9.4 14.0





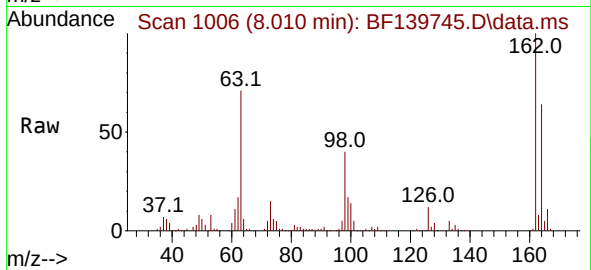
#29
2,4-Dichlorophenol
Concen: 52.574 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS



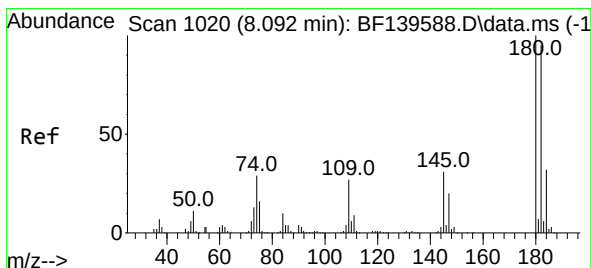
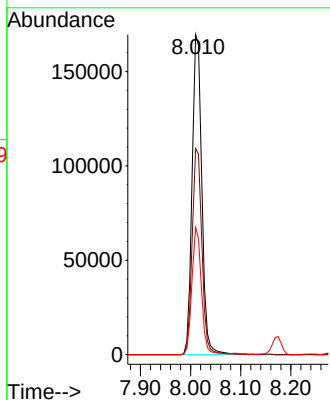
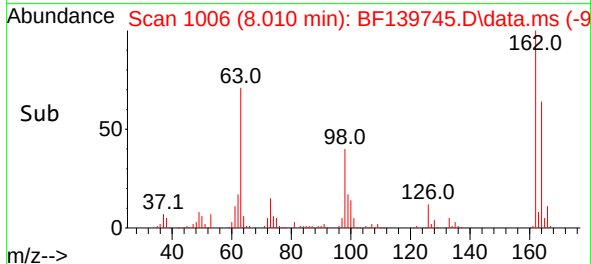
Tgt Ion:162 Resp: 228860
Ion Ratio Lower Upper
162 100
164 64.4 43.1 83.1
98 39.8 20.8 60.8

Manual Integrations

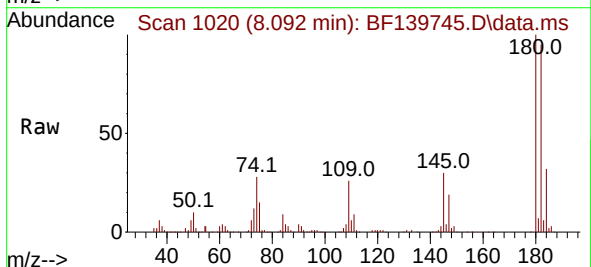
APPROVED

Reviewed By :Yogesh Patel 10/11/2024

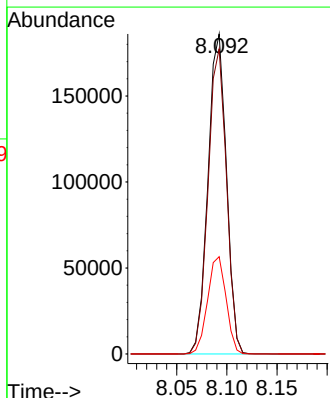
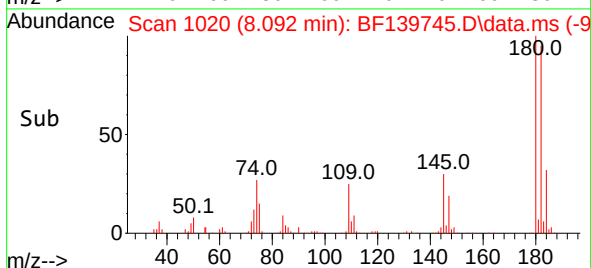
Supervised By :mohammad ahmed 10/11/2024

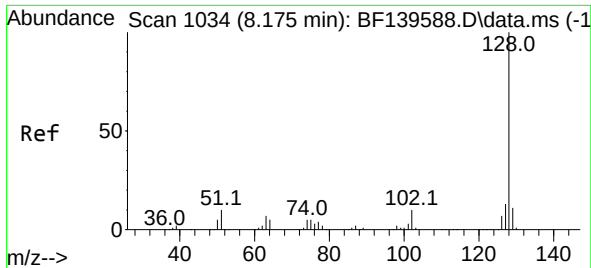


#30
1,2,4-Trichlorobenzene
Concen: 48.394 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36



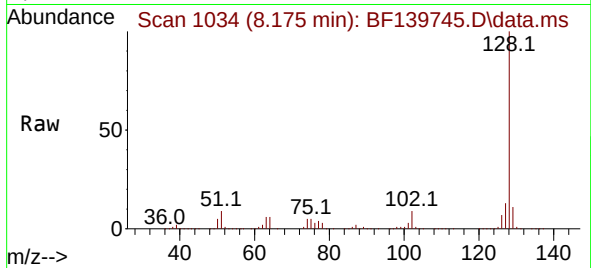
Tgt Ion:180 Resp: 238240
Ion Ratio Lower Upper
180 100
182 95.4 76.0 114.0
145 30.4 25.0 37.6





#31
Naphthalene
Concen: 51.420 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

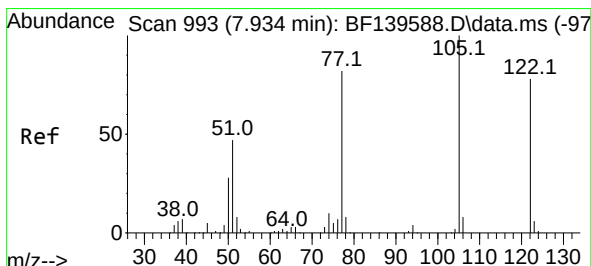
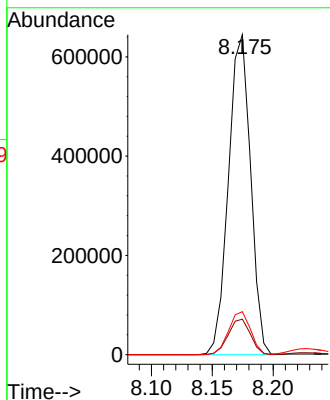
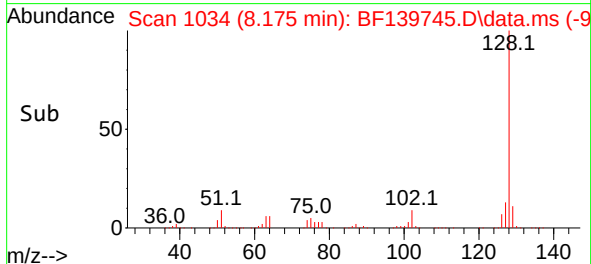
Instrument :
BNA_F
ClientSampleId :
1B-7MS



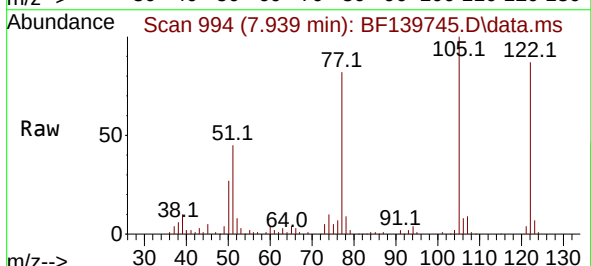
Tgt Ion:128 Resp: 815169
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.5 15.7

Manual Integrations
APPROVED

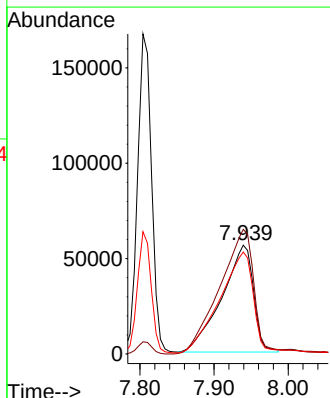
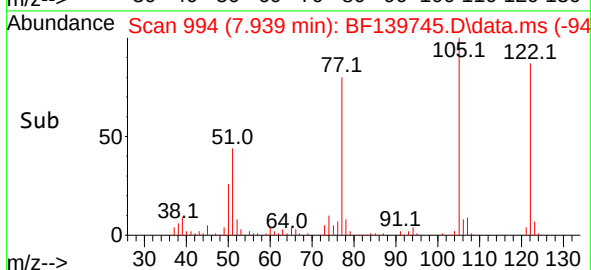
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

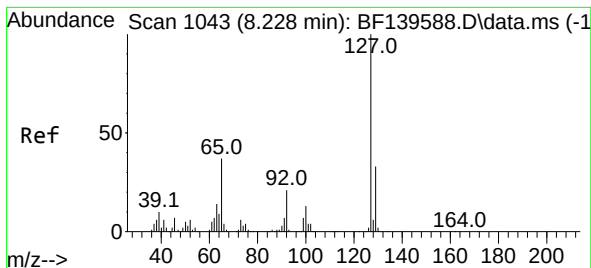


#32
Benzoic acid
Concen: 50.149 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36



Tgt Ion:122 Resp: 166422
Ion Ratio Lower Upper
122 100
105 114.6 104.9 144.9
77 93.8 82.7 122.7





#33
4-Chloroaniline
Concen: 6.512 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

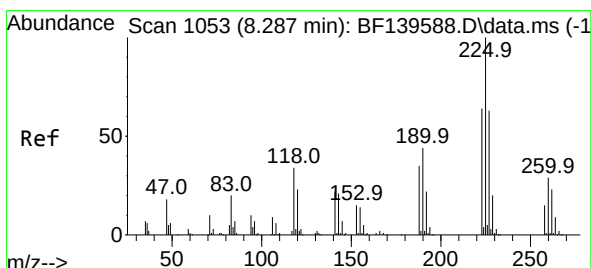
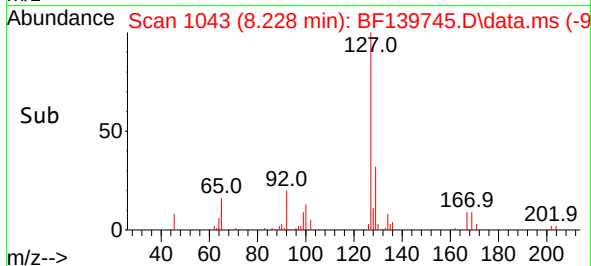
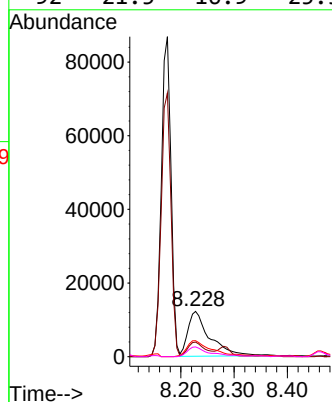
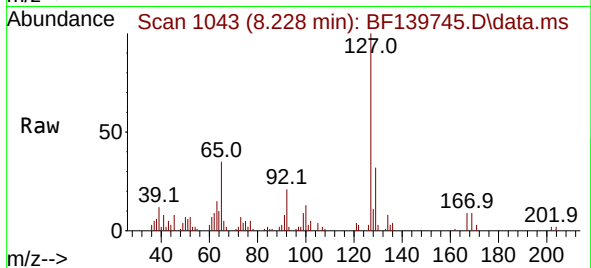
1B-7MS

Tgt Ion:127	Resp:	3494
Ion Ratio	Lower	Upper
127	100	
129	32.3	26.2 39.4
65	35.4	29.3 43.9
92	21.5	16.9 25.3

Manual Integrations

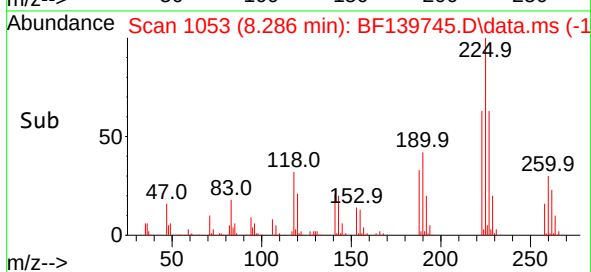
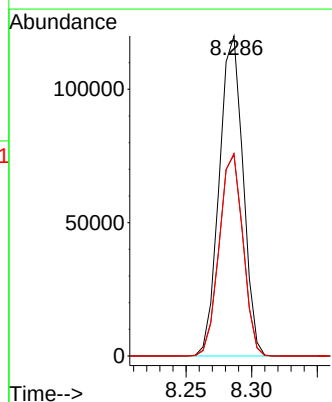
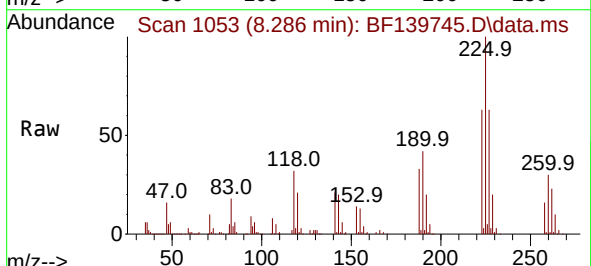
APPROVED

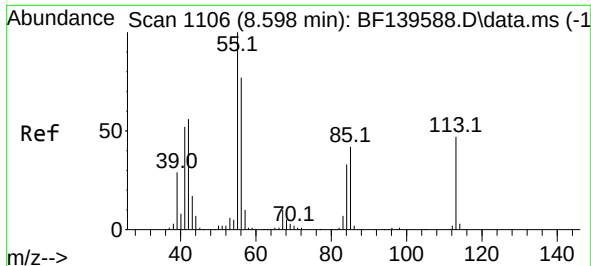
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#34
Hexachlorobutadiene
Concen: 47.462 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Tgt Ion:225	Resp:	151205
Ion Ratio	Lower	Upper
225	100	
223	62.9	50.9 76.3
227	63.3	50.7 76.1





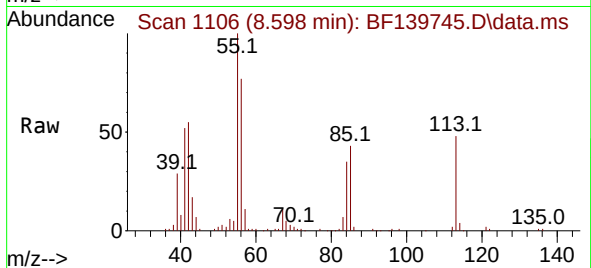
#35
Caprolactam
Concen: 46.138 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS



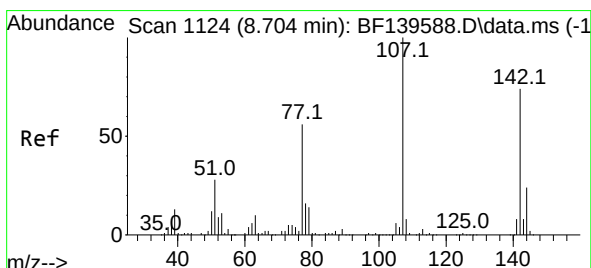
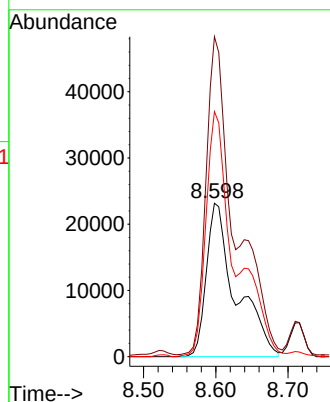
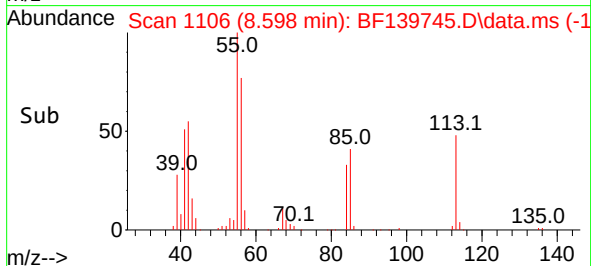
Tgt Ion:113 Resp: 65874
Ion Ratio Lower Upper
113 100
55 208.5 193.4 233.4
56 159.6 143.8 183.8

Manual Integrations

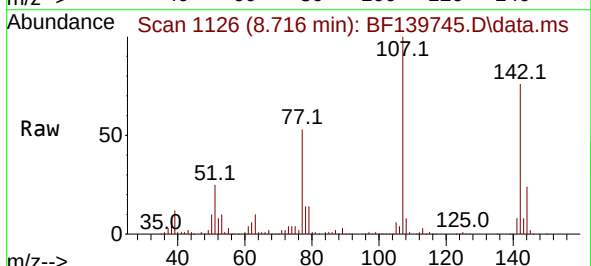
APPROVED

Reviewed By :Yogesh Patel 10/11/2024

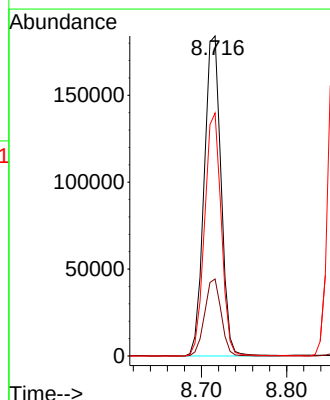
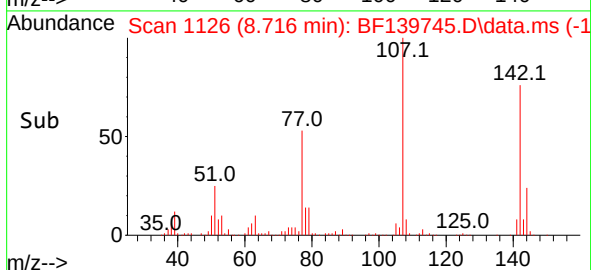
Supervised By :mohammad ahmed 10/11/2024

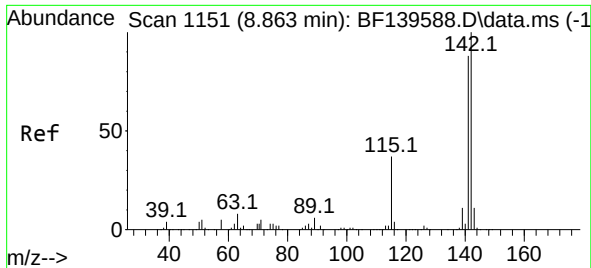


#36
4-Chloro-3-methylphenol
Concen: 51.379 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36



Tgt Ion:107 Resp: 253179
Ion Ratio Lower Upper
107 100
144 24.0 19.0 28.6
142 75.9 59.2 88.8





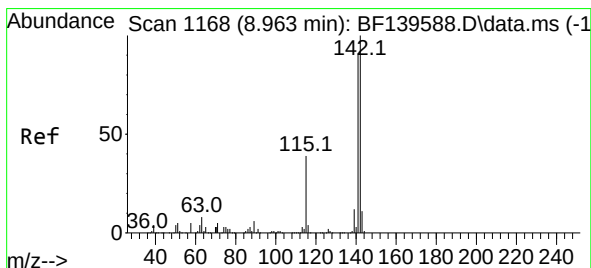
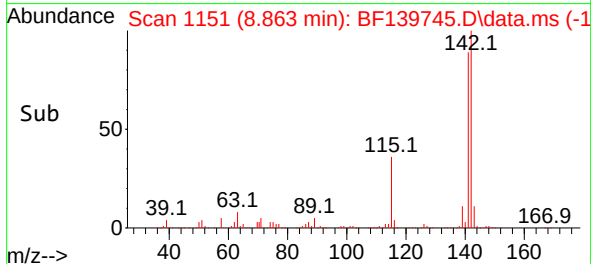
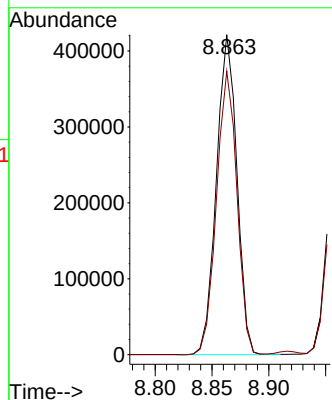
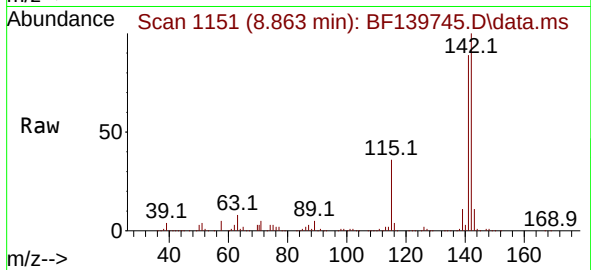
#37
2-Methylnaphthalene
Concen: 51.246 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Instrument :
BNA_F
ClientSampleId :
1B-7MS

Tgt Ion:142 Resp: 52911
Ion Ratio Lower Upper
142 100
141 88.6 70.4 105.6

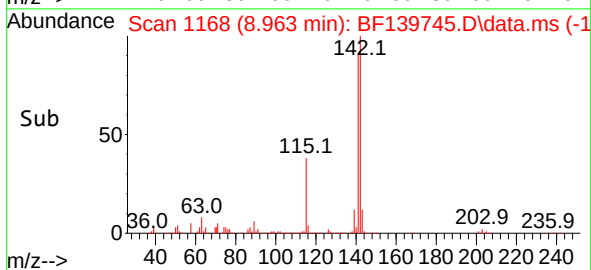
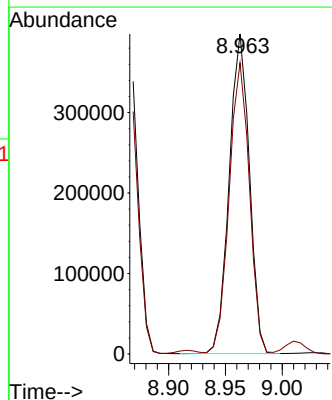
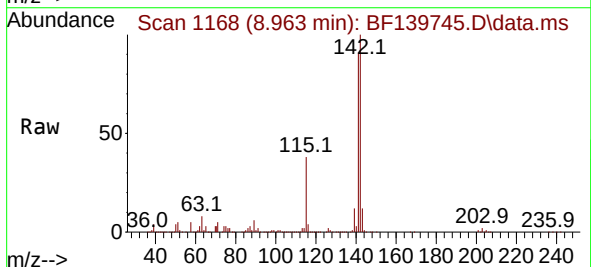
Manual Integrations
APPROVED

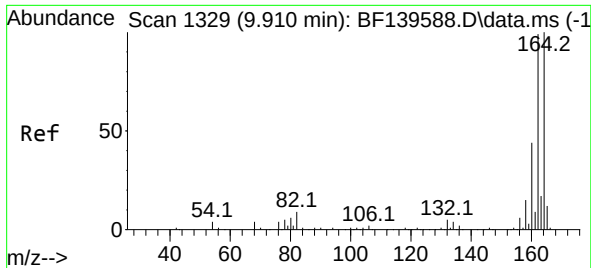
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#38
1-Methylnaphthalene
Concen: 48.657 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Tgt Ion:142 Resp: 491062
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.4





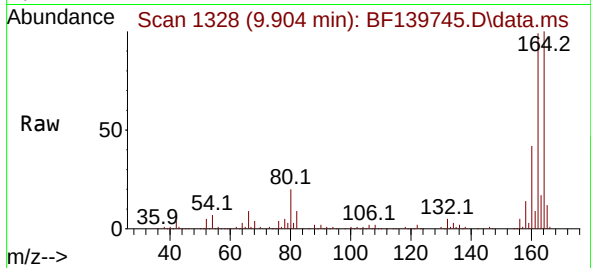
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS



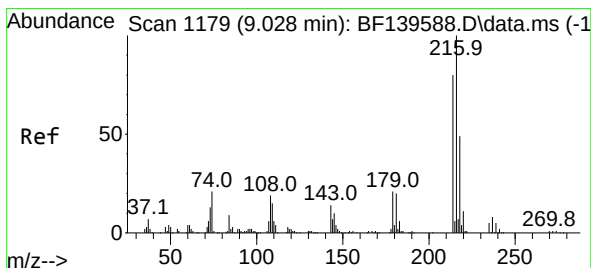
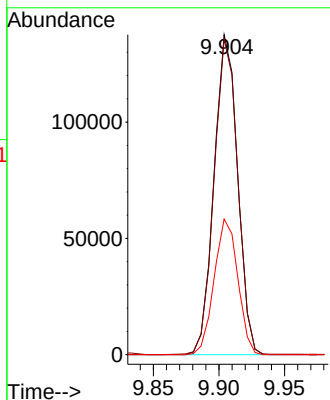
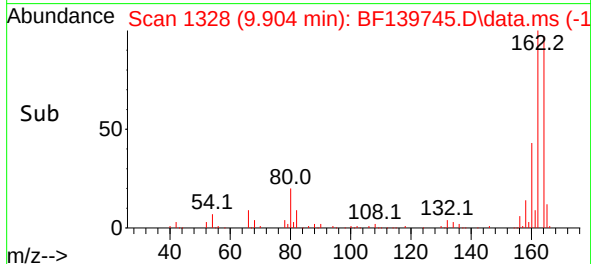
Tgt Ion:164 Resp: 17167
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.0
160 42.4 35.1 52.7

Manual Integrations

APPROVED

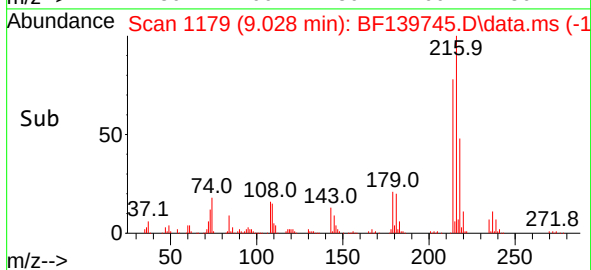
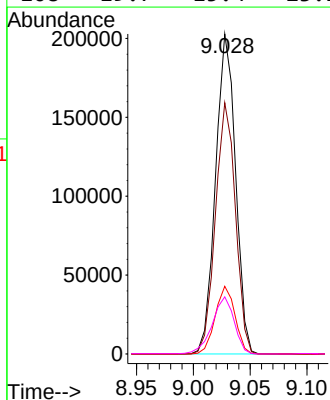
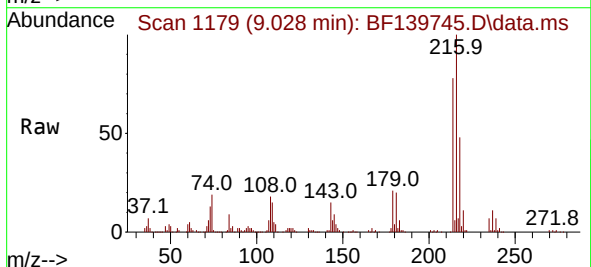
Reviewed By :Yogesh Patel 10/11/2024

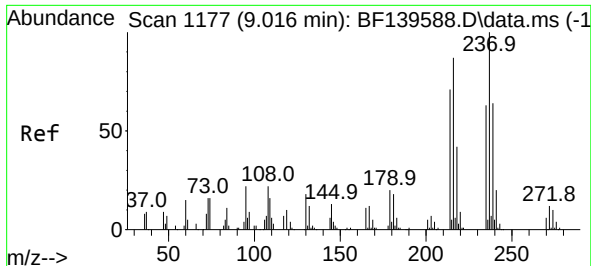
Supervised By :mohammad ahmed 10/11/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.099 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

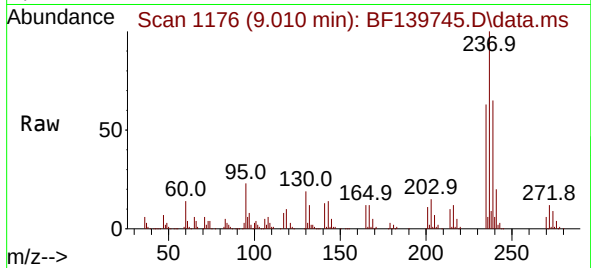
Tgt Ion:216 Resp: 248363
Ion Ratio Lower Upper
216 100
214 78.4 63.7 95.5
179 20.9 16.9 25.3
108 19.7 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 108.759 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

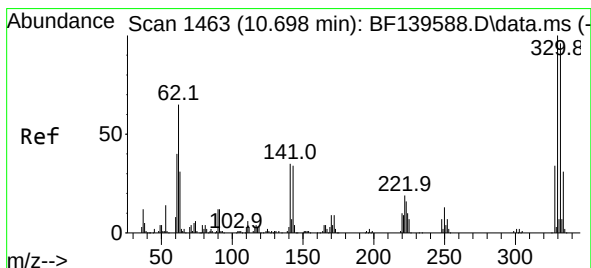
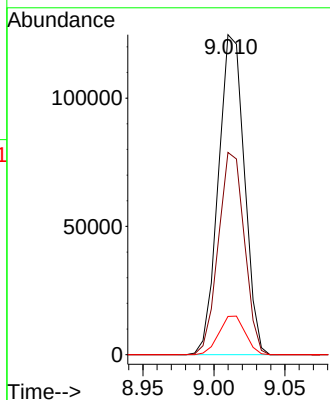
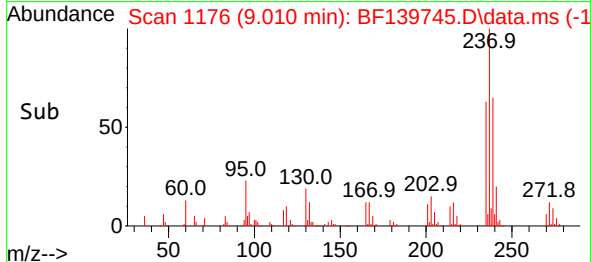
Instrument :
BNA_F
ClientSampleId :
1B-7MS



Tgt Ion: 237 Resp: 158970
Ion Ratio Lower Upper
237 100
235 63.2 42.5 82.5
272 12.0 0.0 32.1

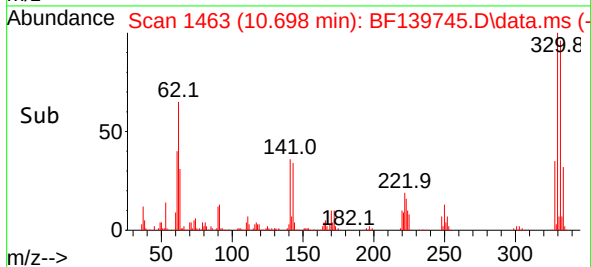
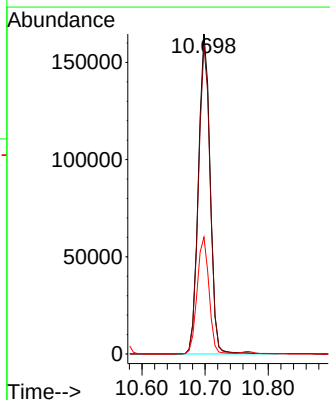
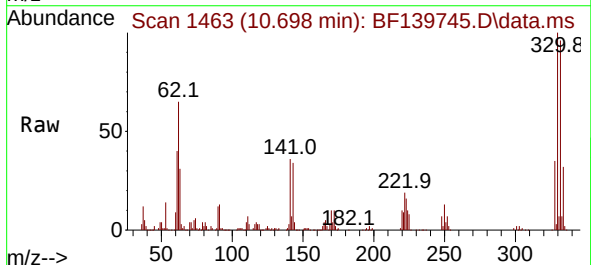
Manual Integrations
APPROVED

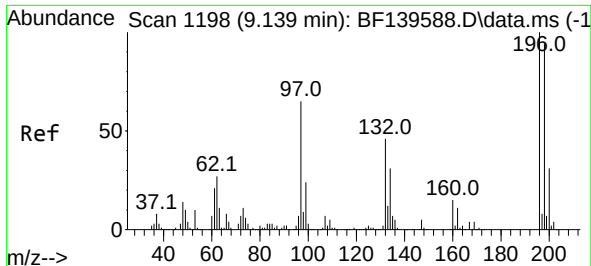
Reviewed By : Yogesh Patel 10/11/2024
Supervised By : mohammad ahmed 10/11/2024



#42
2,4,6-Tribromophenol
Concen: 128.175 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

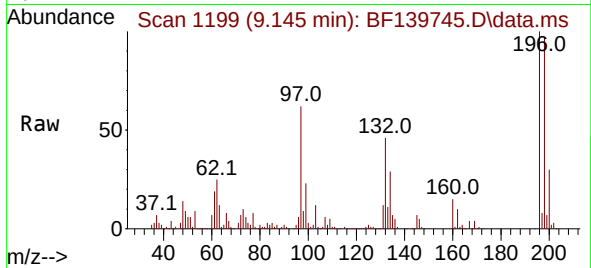
Tgt Ion: 330 Resp: 212414
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 36.7 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 52.287 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

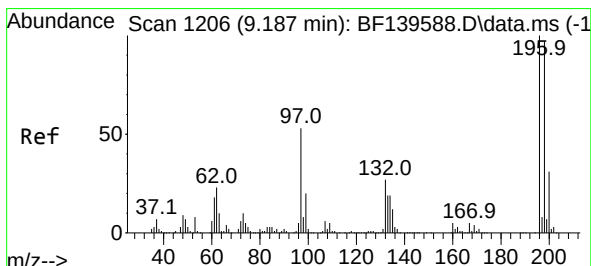
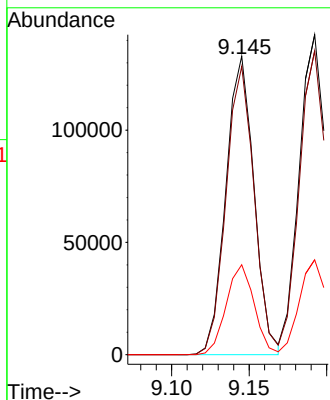
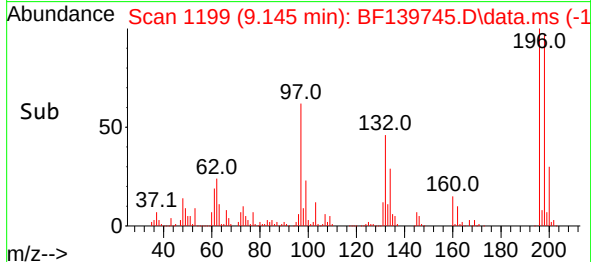
Instrument :
BNA_F
ClientSampleId :
1B-7MS



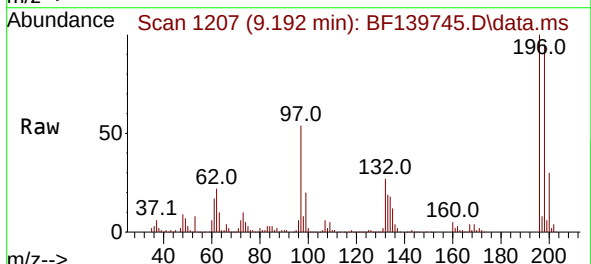
Tgt Ion:196 Resp: 168034
Ion Ratio Lower Upper
196 100
198 96.5 75.2 112.8
200 30.1 24.6 37.0

Manual Integrations
APPROVED

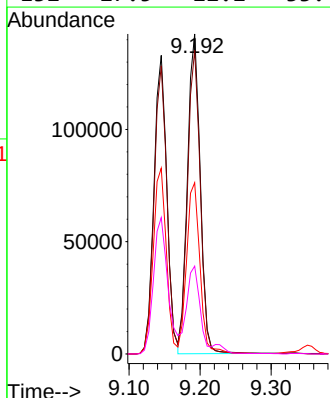
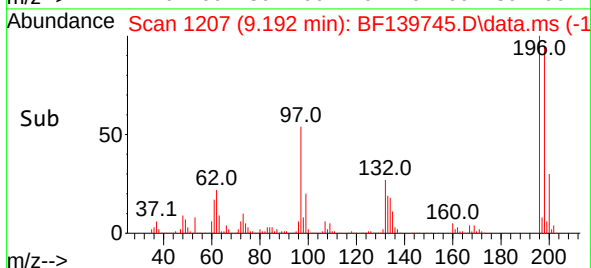
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

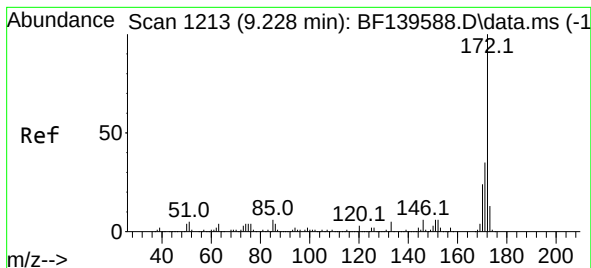


#44
2,4,5-Trichlorophenol
Concen: 51.624 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36



Tgt Ion:196 Resp: 178911
Ion Ratio Lower Upper
196 100
198 95.0 77.5 116.3
97 53.5 43.1 64.7
132 27.5 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 91.232 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS

Tgt Ion:172 Resp: 1020210

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

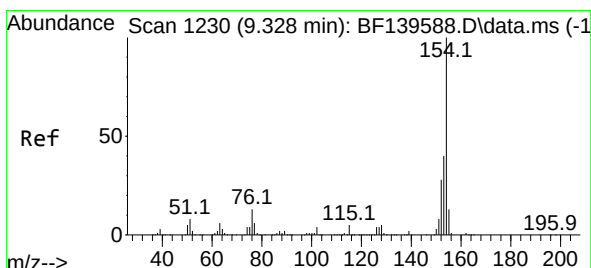
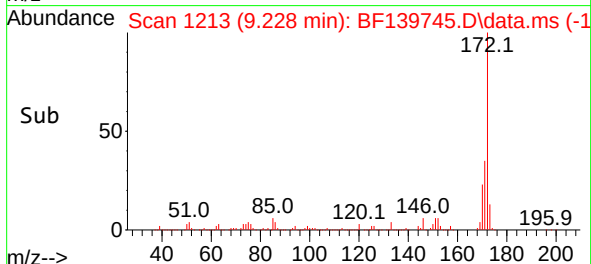
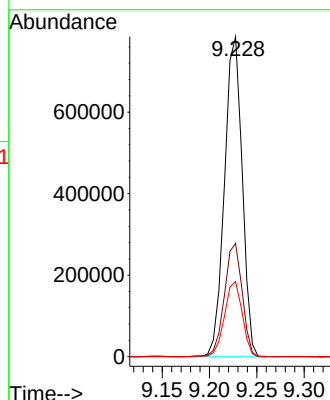
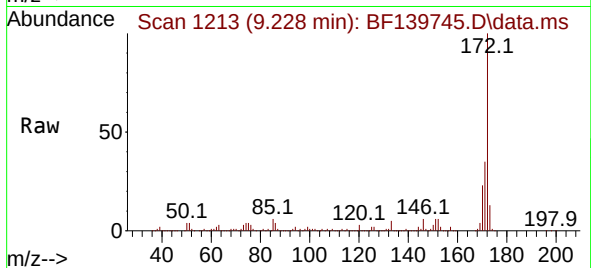
170 23.5 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#46

1,1'-Biphenyl

Concen: 51.302 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

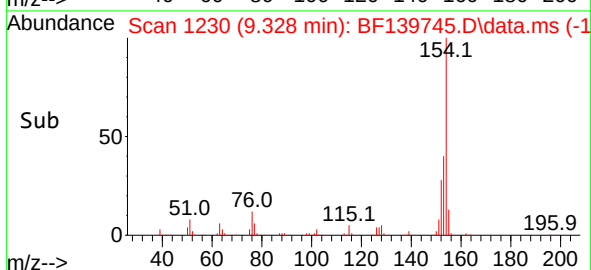
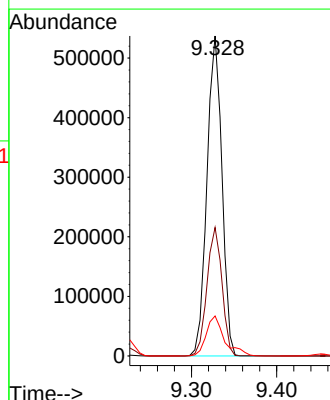
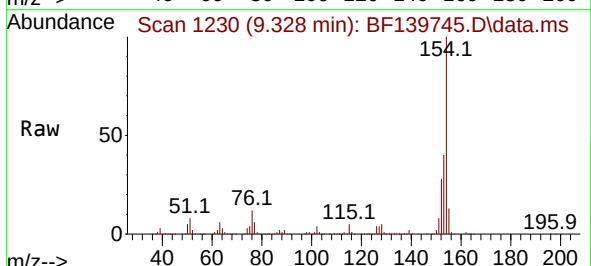
Tgt Ion:154 Resp: 655054

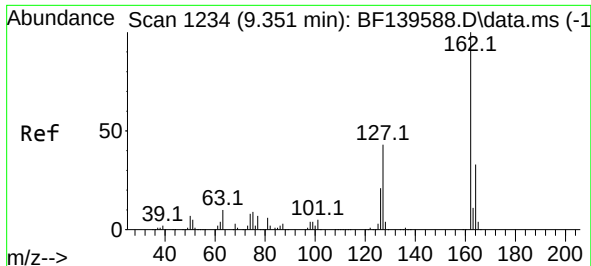
Ion Ratio Lower Upper

154 100

153 40.2 20.1 60.1

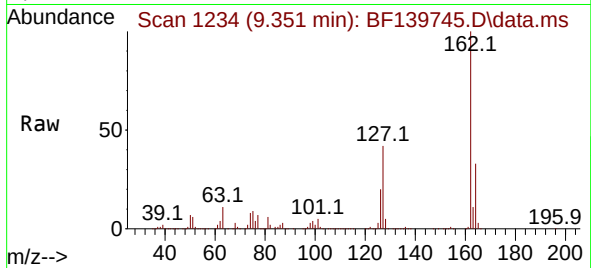
76 12.5 0.0 32.6





#47
2-Chloronaphthalene
Concen: 51.222 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

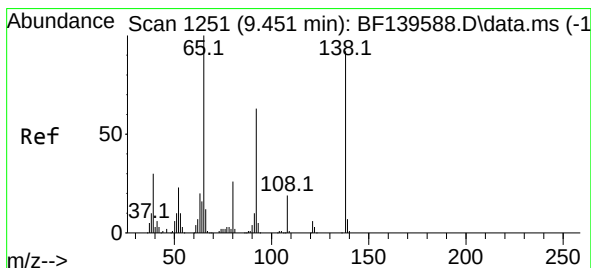
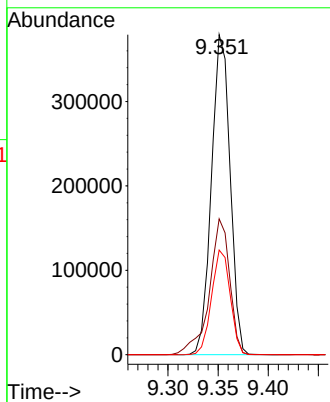
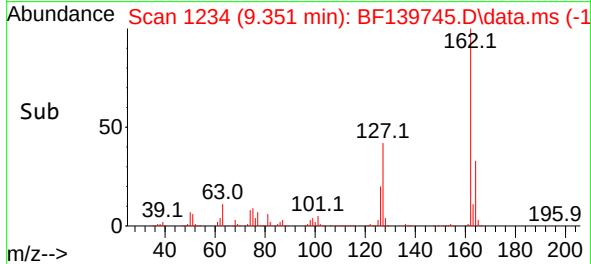
Instrument :
BNA_F
ClientSampleId :
1B-7MS



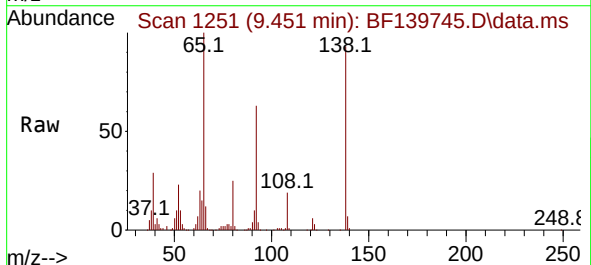
Tgt Ion:162 Resp: 490302
Ion Ratio Lower Upper
162 100
127 42.4 35.0 52.4
164 32.7 26.1 39.1

Manual Integrations
APPROVED

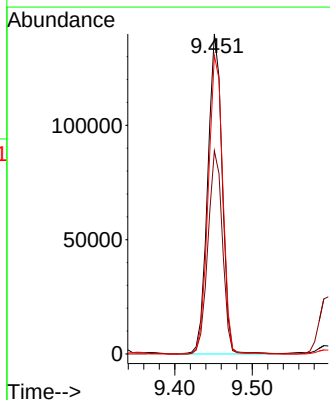
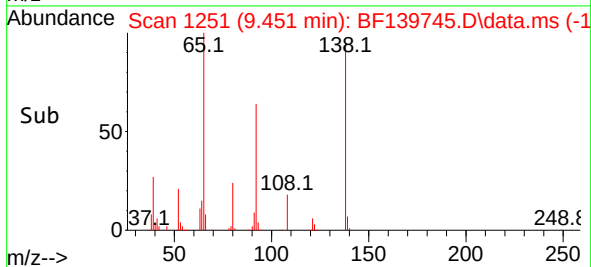
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

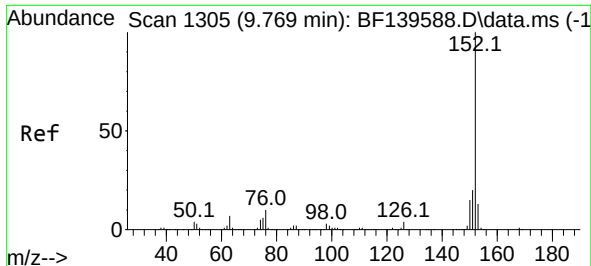


#48
2-Nitroaniline
Concen: 52.803 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36



Tgt Ion: 65 Resp: 181438
Ion Ratio Lower Upper
65 100
92 63.5 50.0 75.0
138 93.3 73.8 110.8





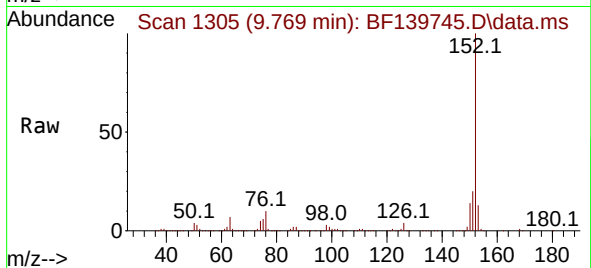
#49
Acenaphthylene
Concen: 54.746 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS



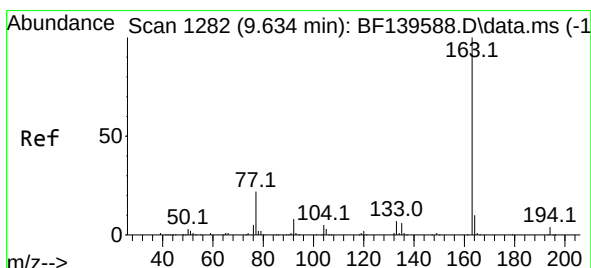
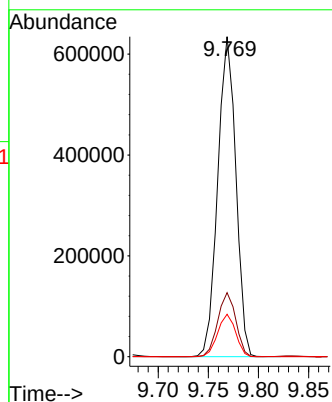
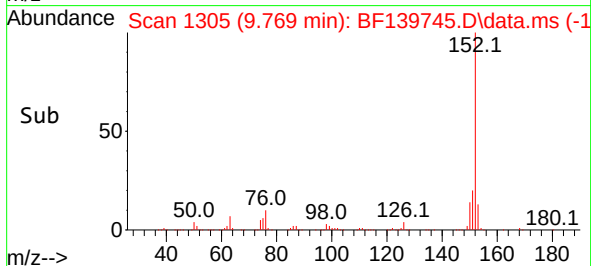
Tgt Ion:152 Resp: 796945
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.5 15.7

Manual Integrations

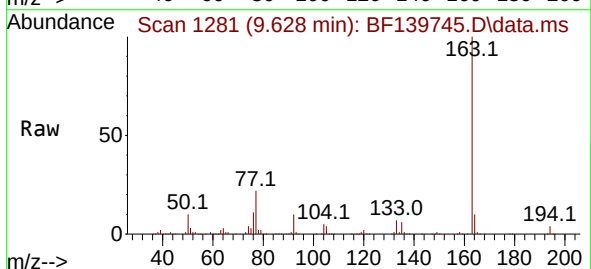
APPROVED

Reviewed By :Yogesh Patel 10/11/2024

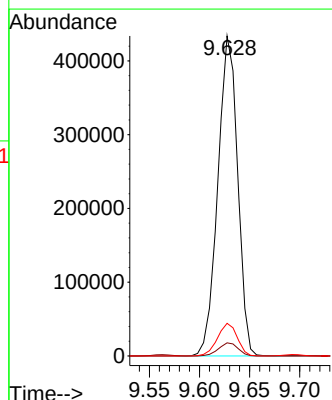
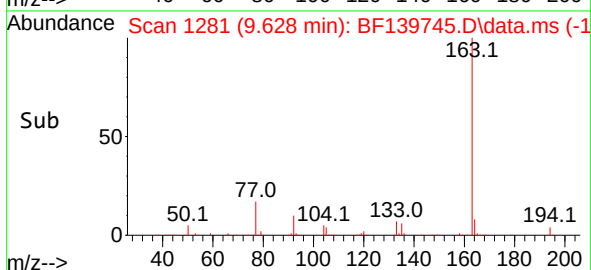
Supervised By :mohammad ahmed 10/11/2024

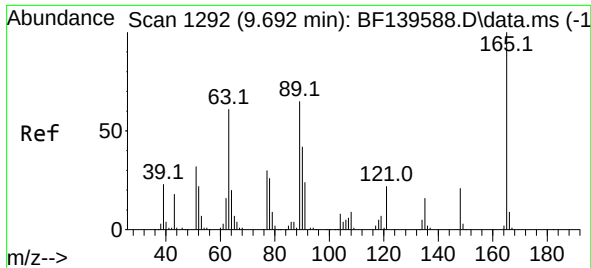


#50
Dimethylphthalate
Concen: 53.045 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36



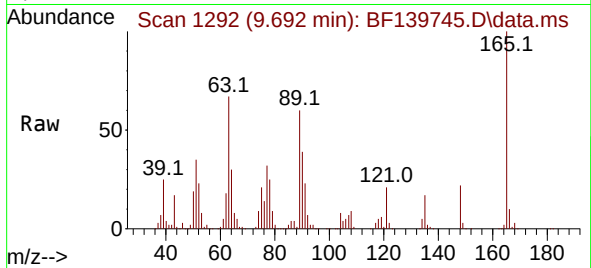
Tgt Ion:163 Resp: 596117
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 51.050 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

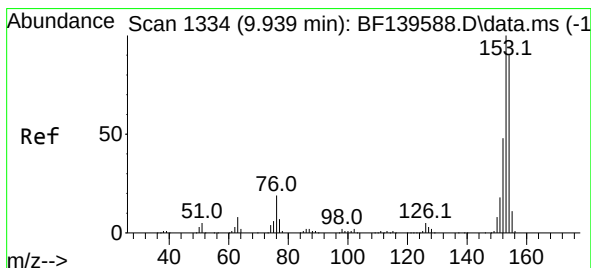
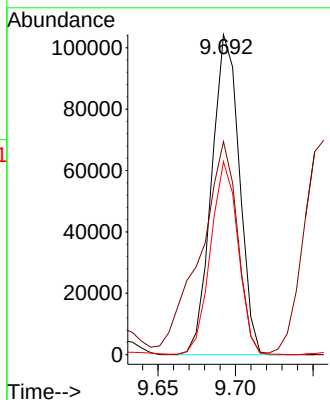
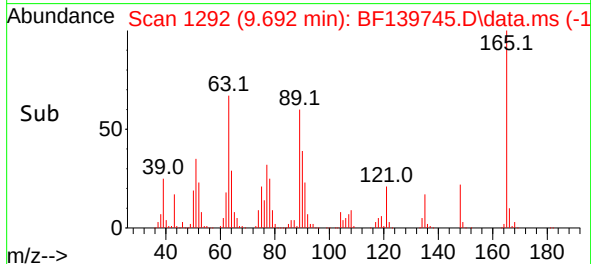
Instrument :
BNA_F
ClientSampleId :
1B-7MS



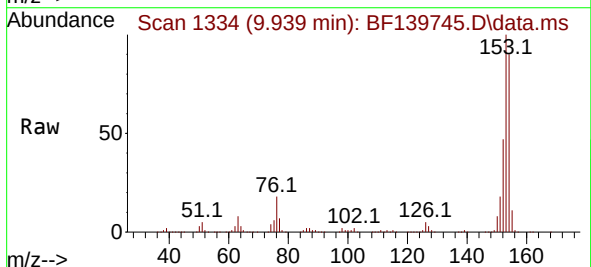
Tgt Ion:165 Resp: 129590
Ion Ratio Lower Upper
165 100
63 66.6 56.7 85.1
89 60.3 51.6 77.4

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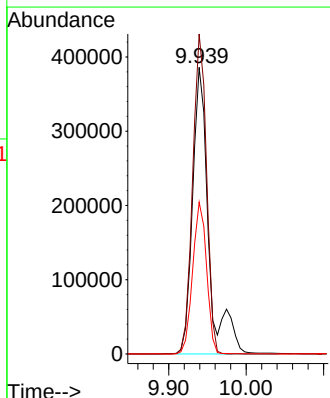
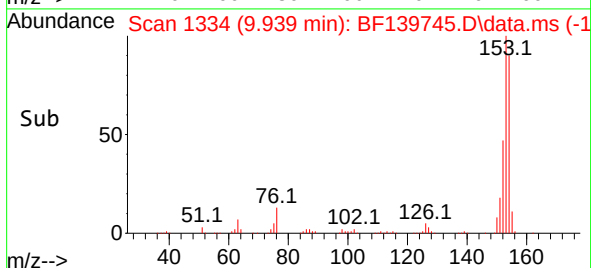
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

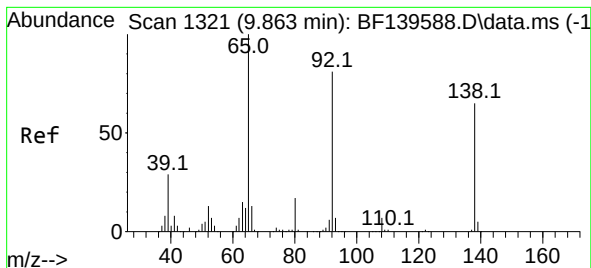


#52
Acenaphthene
Concen: 56.142 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36



Tgt Ion:154 Resp: 561053
Ion Ratio Lower Upper
154 100
153 111.7 88.8 133.2
152 53.0 42.5 63.7





#53

3-Nitroaniline

Concen: 18.957 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS

Tgt Ion:138 Resp: 49178

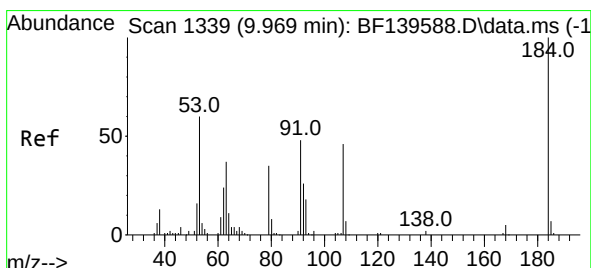
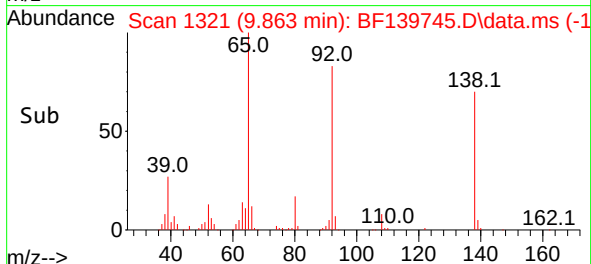
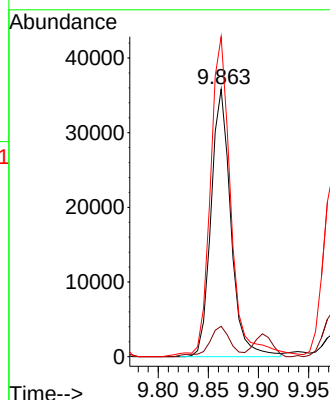
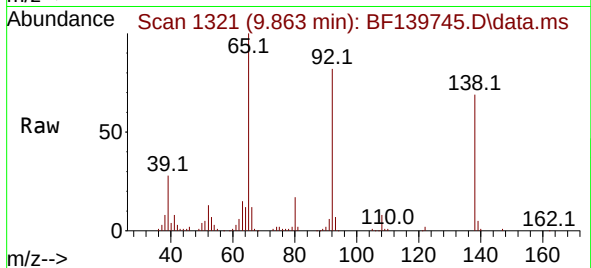
Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.8	13.2
92	119.6	100.0	150.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#54

2,4-Dinitrophenol

Concen: 94.902 ng

RT: 9.975 min Scan# 1340

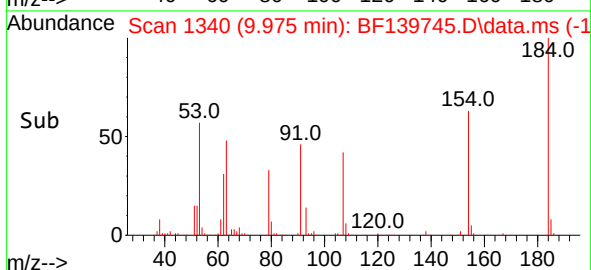
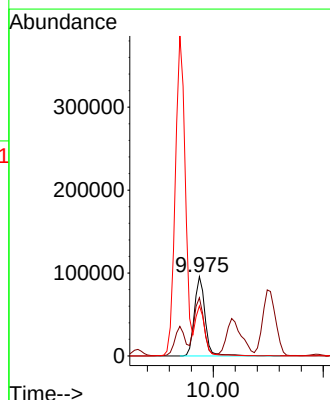
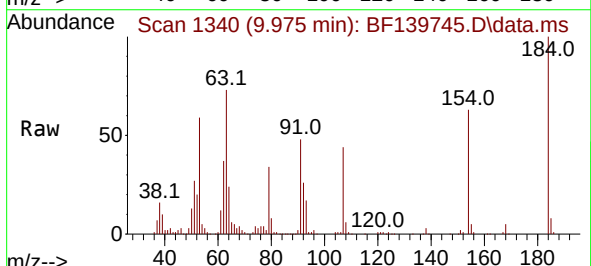
Delta R.T. 0.006 min

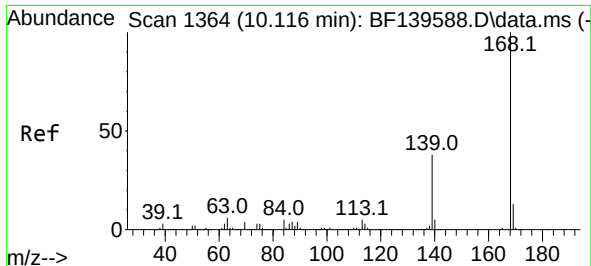
Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

Tgt Ion:184 Resp: 129580

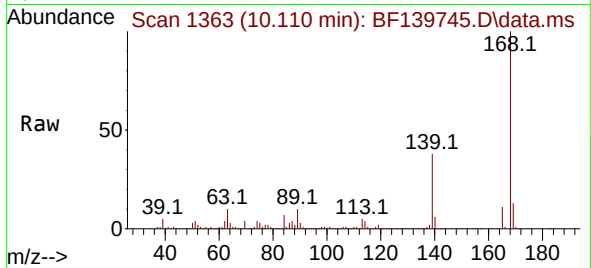
Ion	Ratio	Lower	Upper
184	100		
63	73.3	61.7	92.5
154	63.0	53.0	79.4





#55
Dibenzenofuran
Concen: 51.927 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

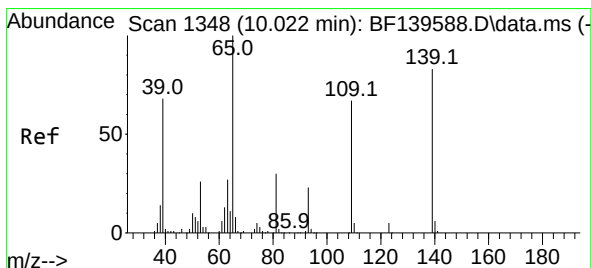
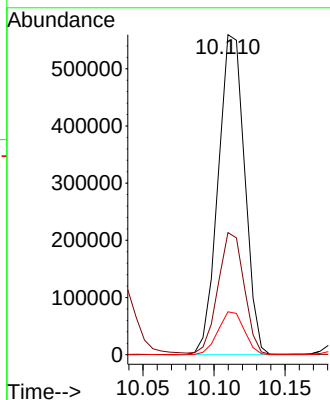
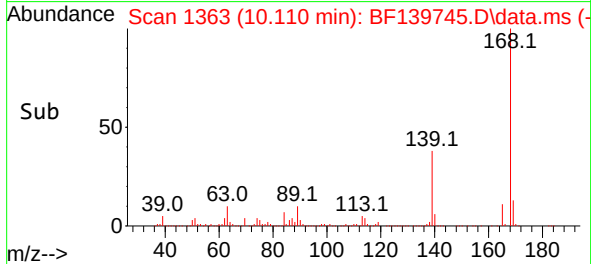
Instrument :
BNA_F
ClientSampleId :
1B-7MS



Tgt Ion:168 Resp: 72657
Ion Ratio Lower Upper
168 100
139 38.2 30.4 45.6
169 13.4 10.7 16.1

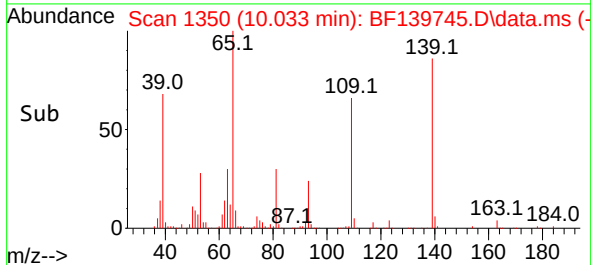
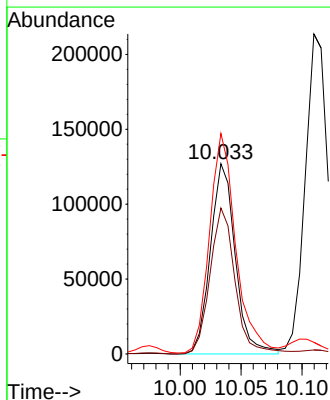
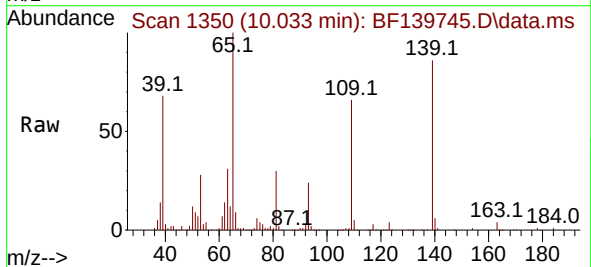
Manual Integrations
APPROVED

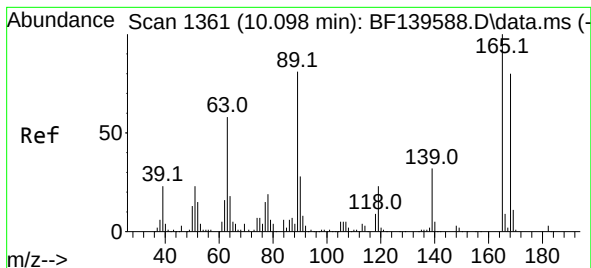
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#56
4-Nitrophenol
Concen: 91.521 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

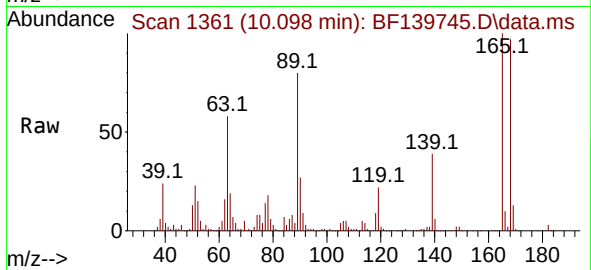
Tgt Ion:139 Resp: 181058
Ion Ratio Lower Upper
139 100
109 76.7 60.3 100.3
65 115.9 100.8 140.8





#57
2,4-Dinitrotoluene
Concen: 51.645 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

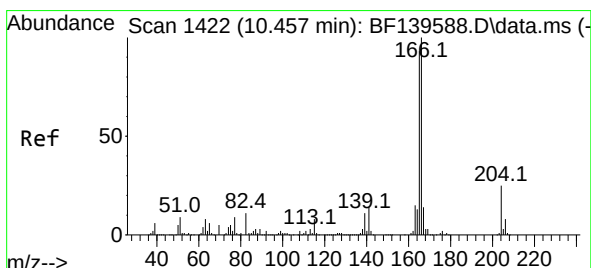
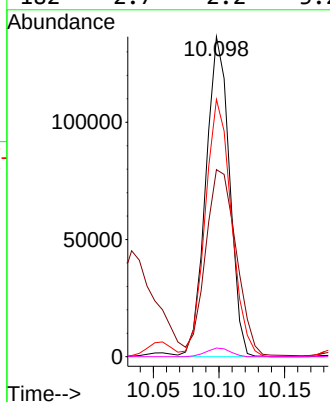
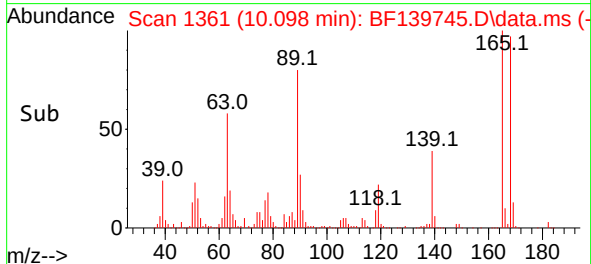
Instrument :
BNA_F
ClientSampleId :
1B-7MS



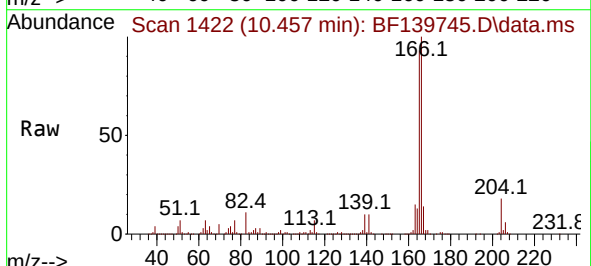
Tgt Ion:165 Resp: 17137
Ion Ratio Lower Upper
165 100
63 58.4 46.9 70.3
89 80.4 64.4 96.6
182 2.7 2.2 3.2

Manual Integrations
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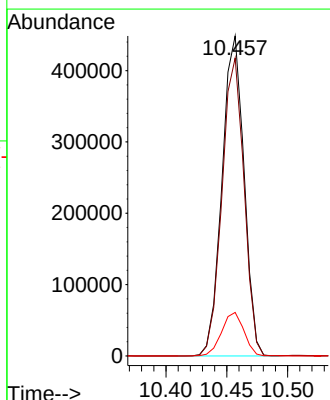
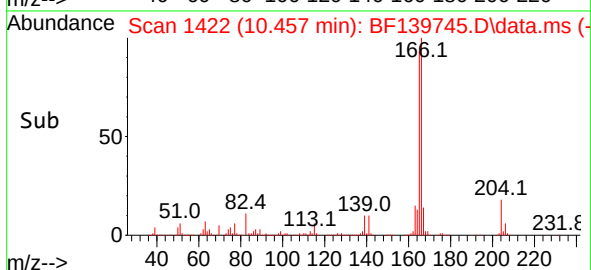
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

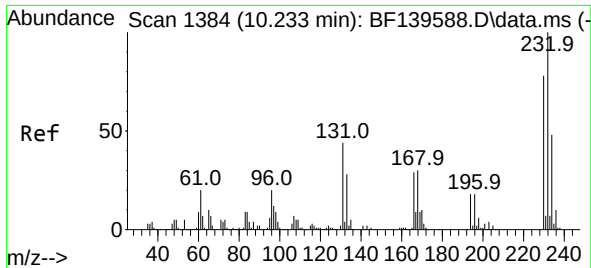


#58
Fluorene
Concen: 50.608 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36



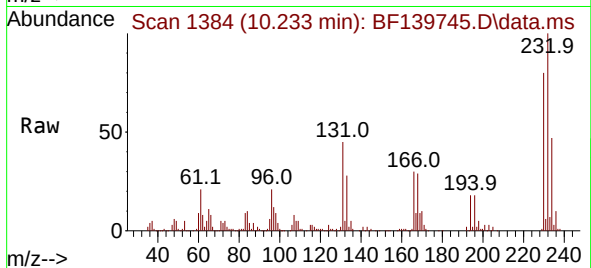
Tgt Ion:166 Resp: 563999
Ion Ratio Lower Upper
166 100
165 93.1 74.4 111.6
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.756 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

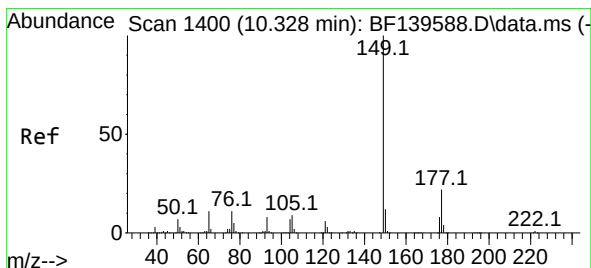
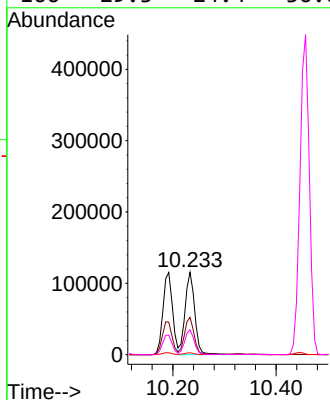
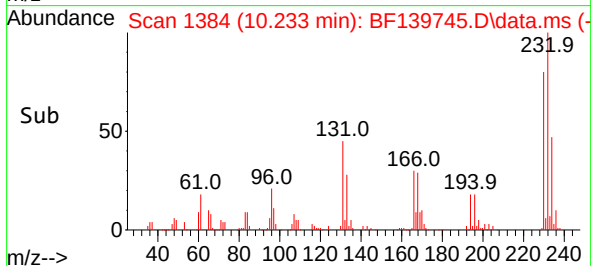
Instrument :
BNA_F
ClientSampleId :
1B-7MS



Tgt Ion:232 Resp: 150470
Ion Ratio Lower Upper
232 100
131 44.2 37.8 56.6
130 2.5 1.9 2.9
166 29.3 24.4 36.6

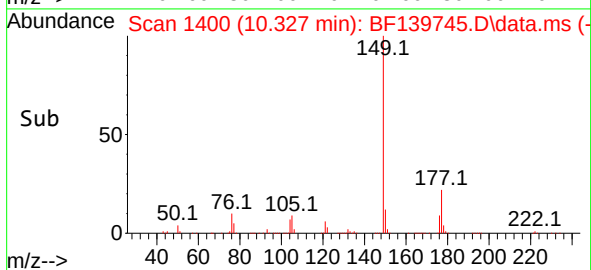
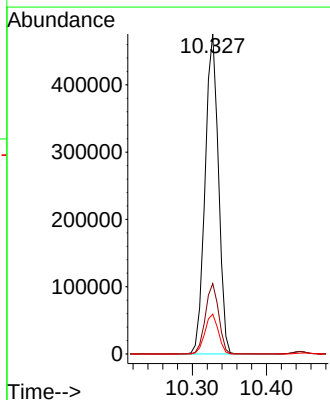
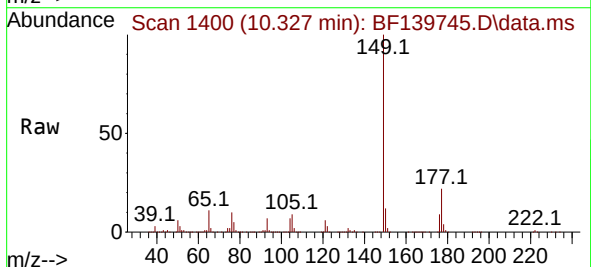
Manual Integrations
APPROVED

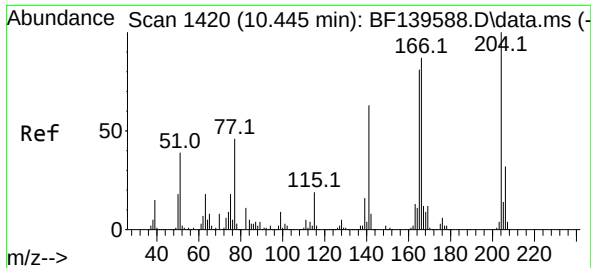
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#60
Diethylphthalate
Concen: 51.205 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

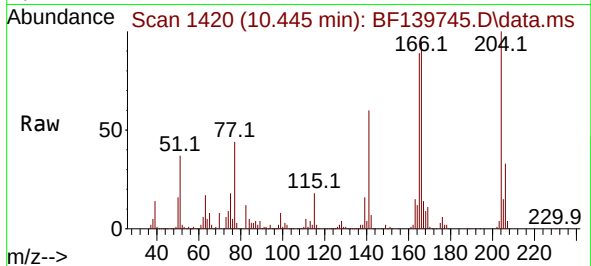
Tgt Ion:149 Resp: 594358
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.0
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 49.075 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

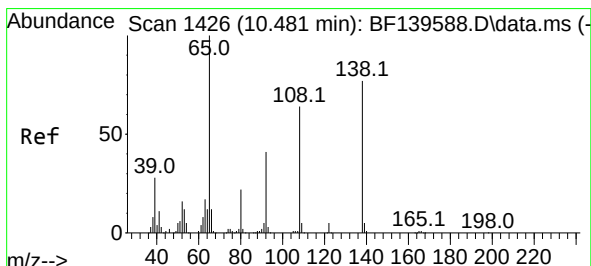
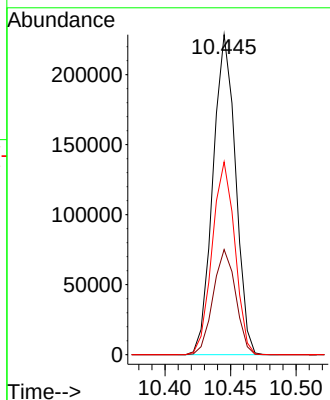
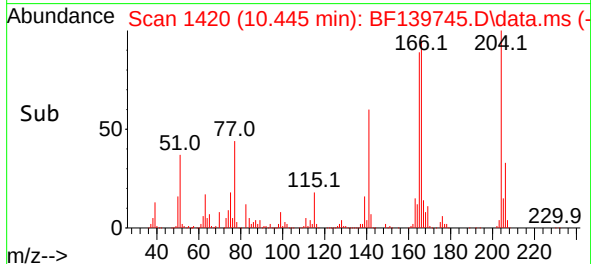
Instrument :
BNA_F
ClientSampleId :
1B-7MS



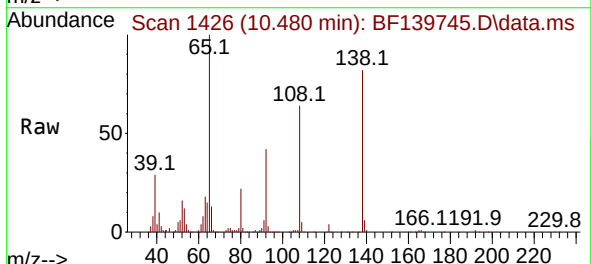
Tgt Ion:204 Resp: 273619
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 60.3 50.5 75.7

Manual Integrations
APPROVED

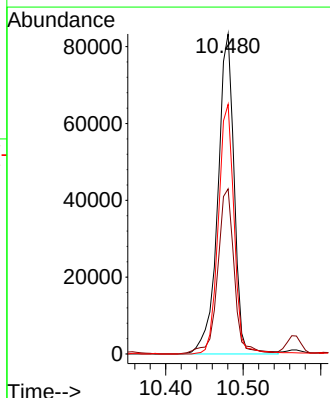
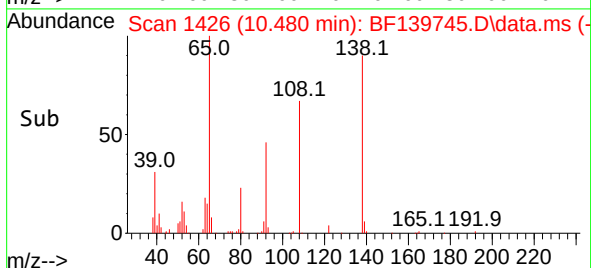
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

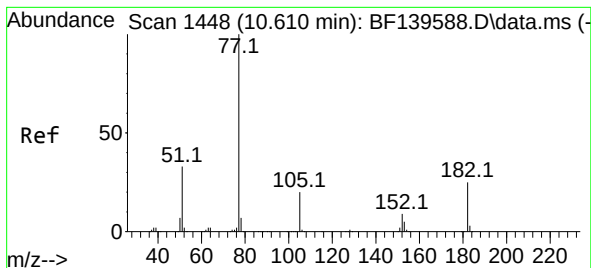


#62
4-Nitroaniline
Concen: 46.050 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36



Tgt Ion:138 Resp: 122197
Ion Ratio Lower Upper
138 100
92 51.6 33.3 73.3
108 78.0 62.1 102.1





#63

Azobenzene

Concen: 51.690 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS

Tgt Ion: 77 Resp: 60338

Ion Ratio Lower Upper

77 100

182 23.2 4.2 44.2

105 20.3 0.0 39.6

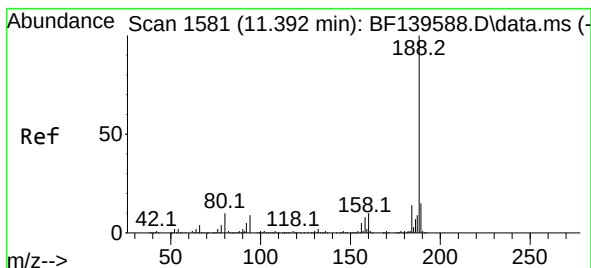
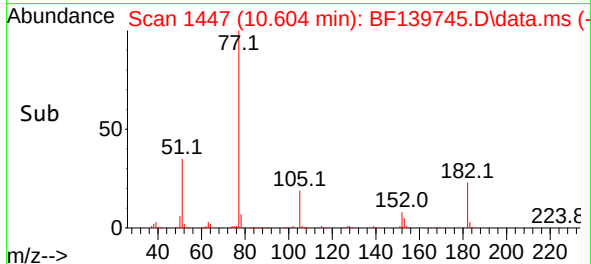
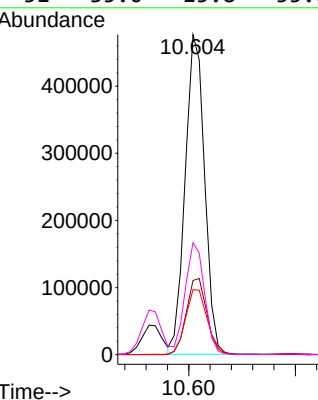
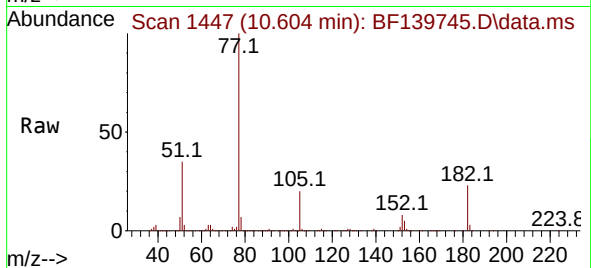
51 35.0 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

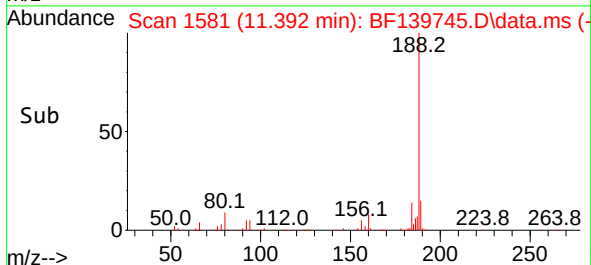
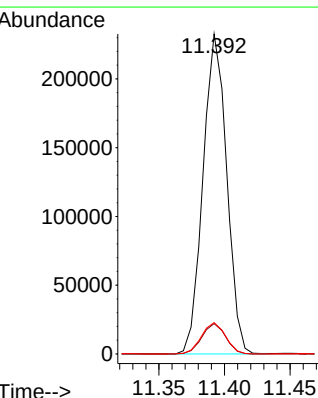
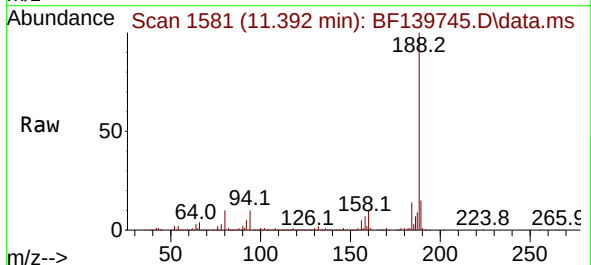
Tgt Ion:188 Resp: 292411

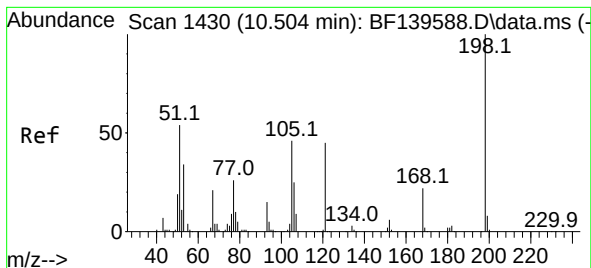
Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 9.8 8.2 12.2





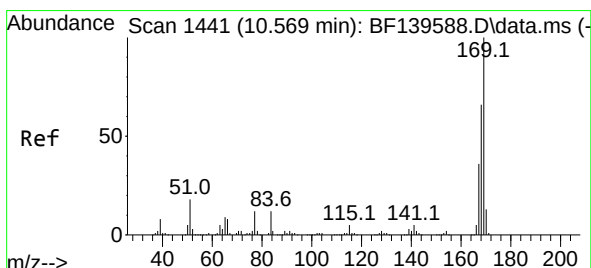
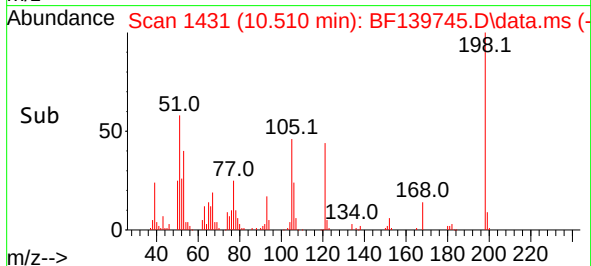
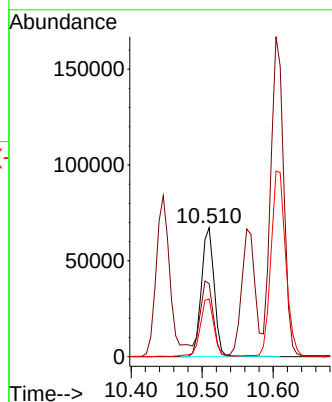
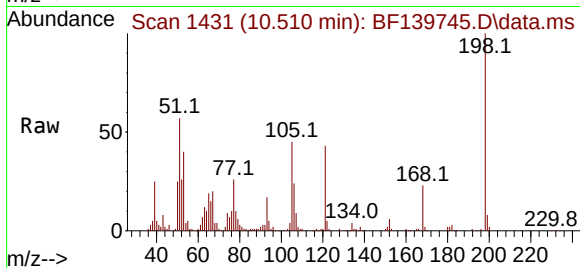
#65
4,6-Dinitro-2-methylphenol
Concen: 51.281 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Instrument :
BNA_F
ClientSampleId :
1B-7MS

Tgt Ion:198 Resp: 84689
Ion Ratio Lower Upper
198 100
51 56.6 43.0 83.0
105 44.7 26.6 66.6

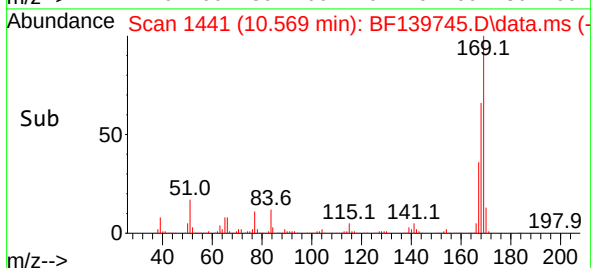
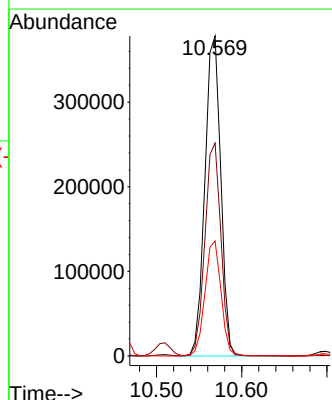
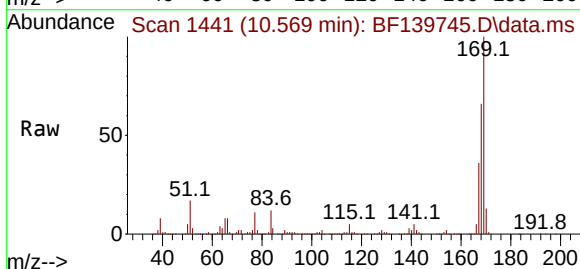
Manual Integrations
APPROVED

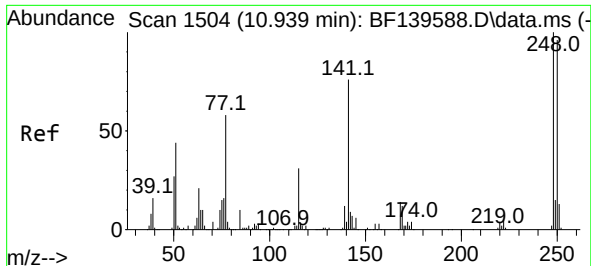
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#66
n-Nitrosodiphenylamine
Concen: 56.703 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

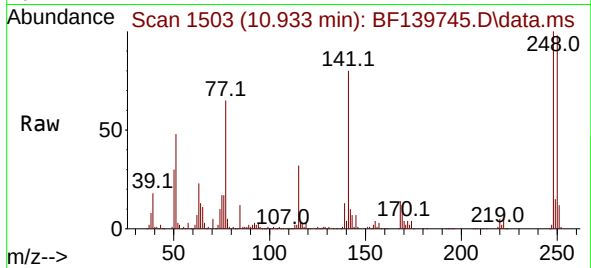
Tgt Ion:169 Resp: 488732
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 35.9 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 54.312 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

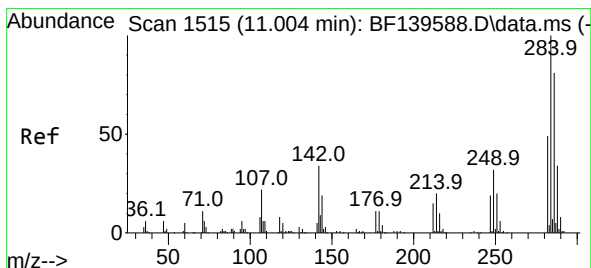
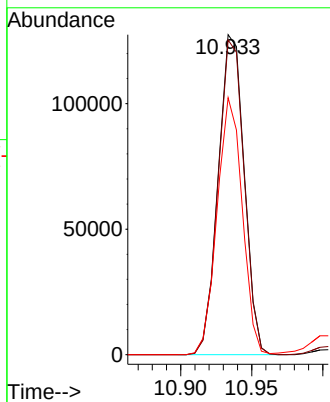
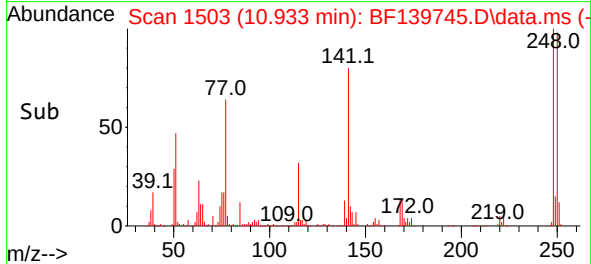
Instrument :
BNA_F
ClientSampleId :
1B-7MS



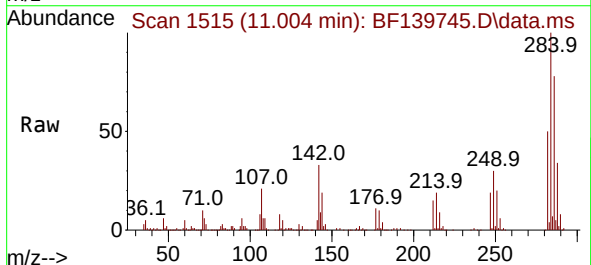
Tgt Ion:248 Resp: 162832
Ion Ratio Lower Upper
248 100
250 98.3 77.1 115.7
141 80.3 60.4 90.6

Manual Integrations
APPROVED

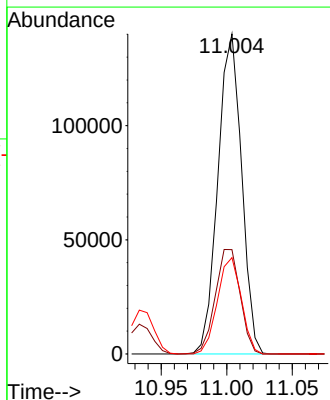
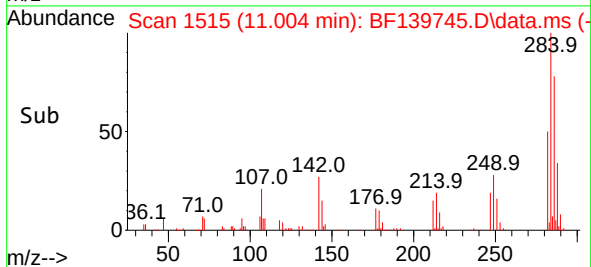
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024

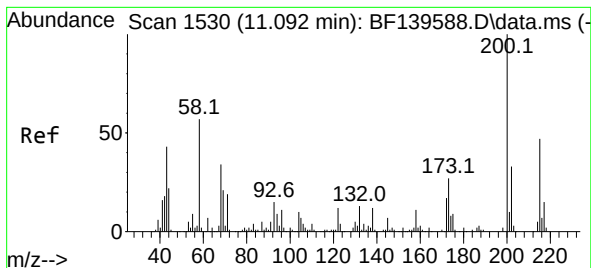


#68
Hexachlorobenzene
Concen: 52.890 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36



Tgt Ion:284 Resp: 175958
Ion Ratio Lower Upper
284 100
142 32.6 26.9 40.3
249 30.1 25.4 38.0





#69

Atrazine

Concen: 59.489 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS

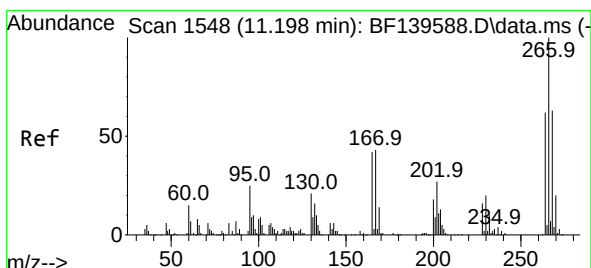
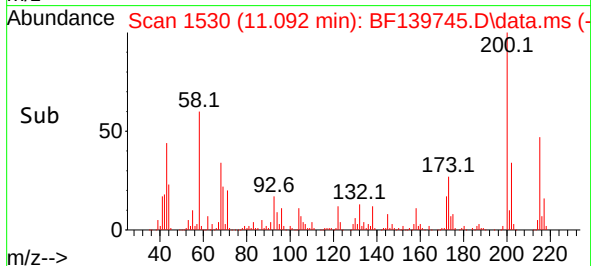
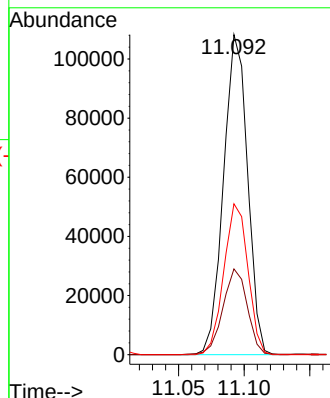
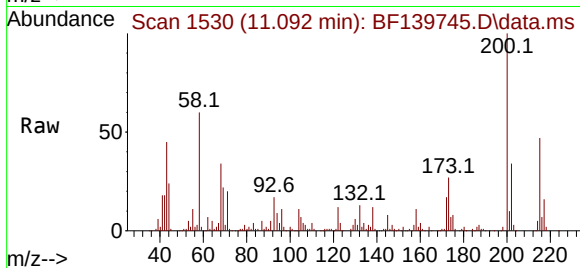
Tgt Ion:200 Resp: 13757
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.7 46.7
 215 47.1 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#70

Pentachlorophenol

Concen: 99.551 ng

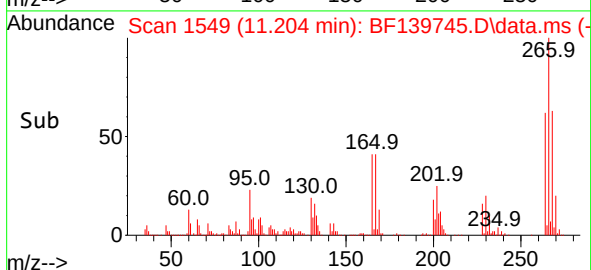
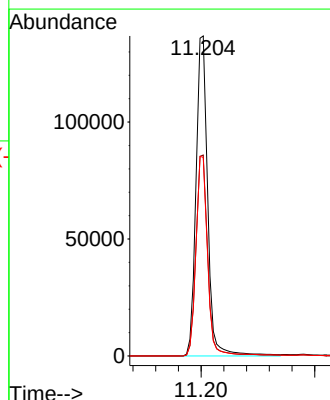
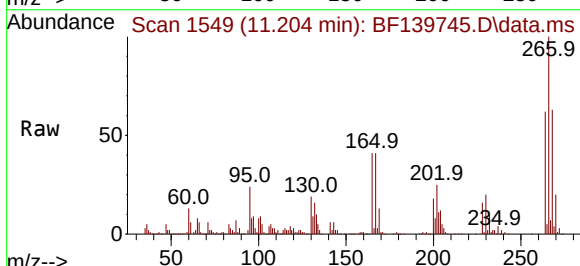
RT: 11.204 min Scan# 1549

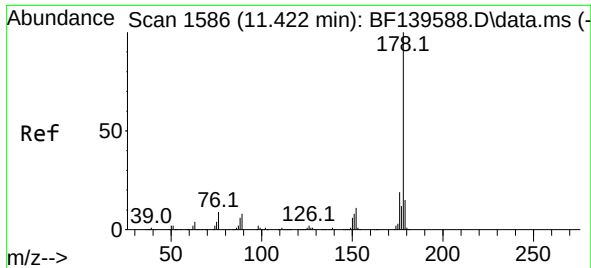
Delta R.T. 0.006 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

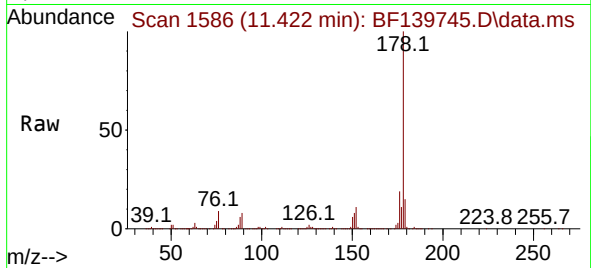
Tgt Ion:266 Resp: 197206
 Ion Ratio Lower Upper
 266 100
 268 62.8 50.0 75.0
 264 62.1 49.3 73.9





#71
Phenanthrene
Concen: 54.189 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

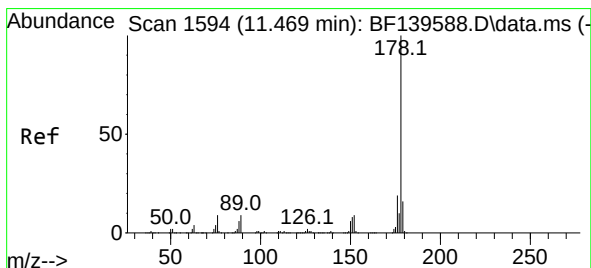
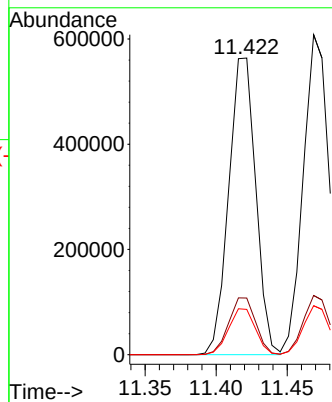
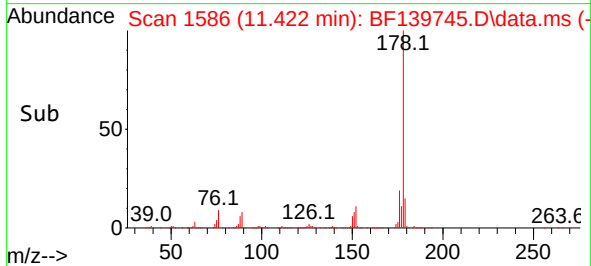
Instrument :
BNA_F
ClientSampleId :
1B-7MS



Tgt Ion:178 Resp: 74713
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.3 12.3 18.5

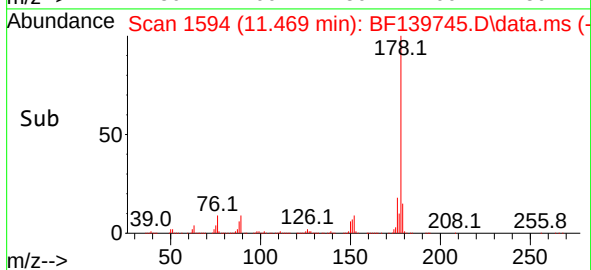
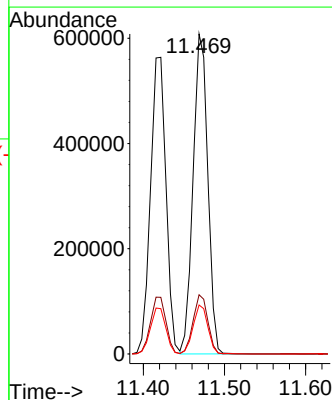
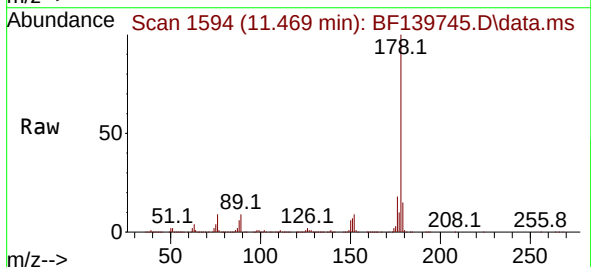
Manual Integrations
APPROVED

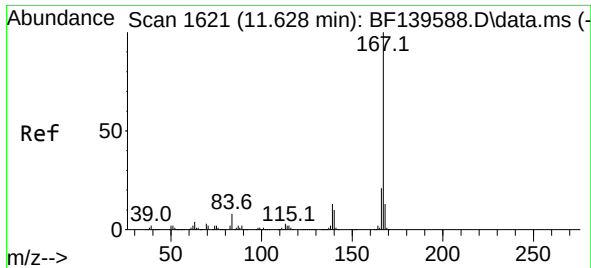
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#72
Anthracene
Concen: 56.190 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

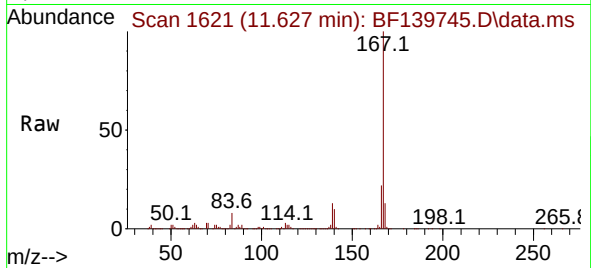
Tgt Ion:178 Resp: 766431
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.3 12.5 18.7





#73
 Carbazole
 Concen: 50.939 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139745.D
 Acq: 10 Oct 2024 14:36

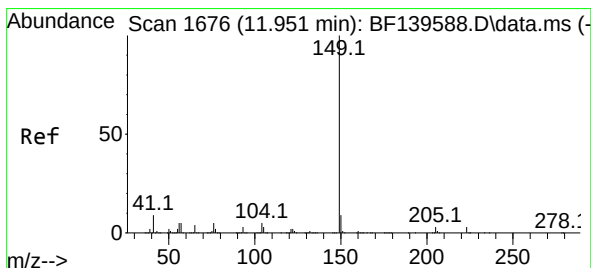
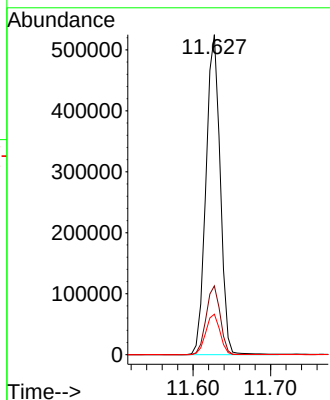
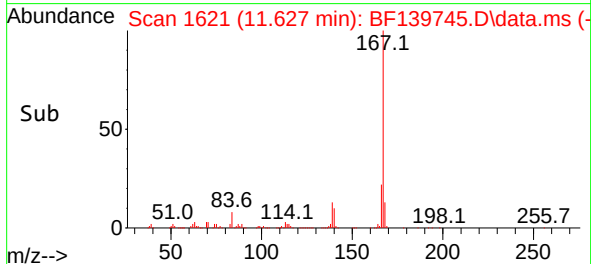
Instrument :
 BNA_F
 ClientSampleId :
 1B-7MS



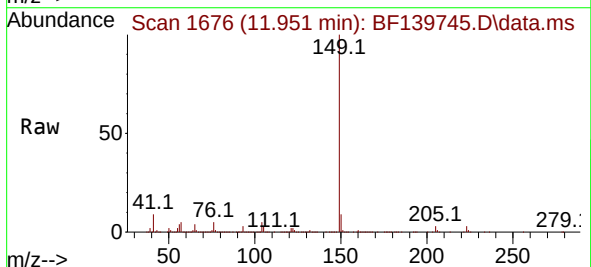
Tgt Ion:167 Resp: 66732
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.6 10.3 15.5

Manual Integrations
 APPROVED

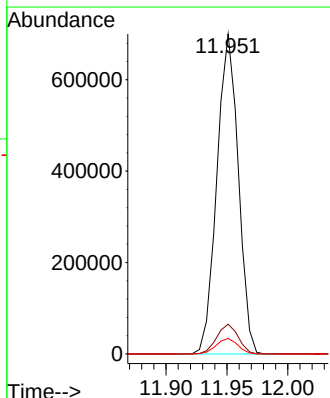
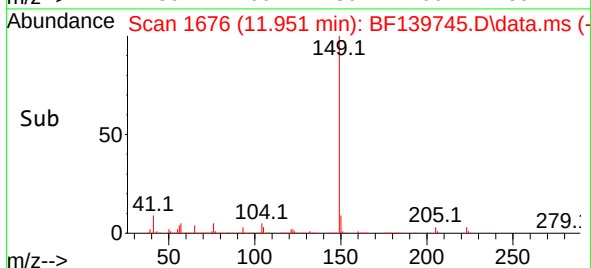
Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :mohammad ahmed 10/11/2024

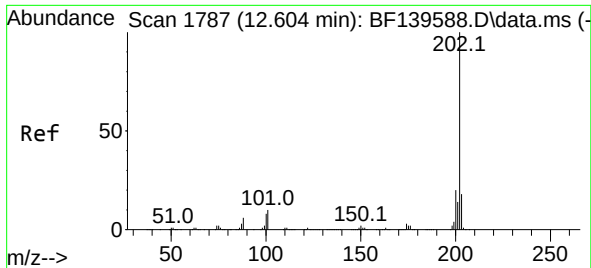


#74
 Di-n-butylphthalate
 Concen: 53.846 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139745.D
 Acq: 10 Oct 2024 14:36



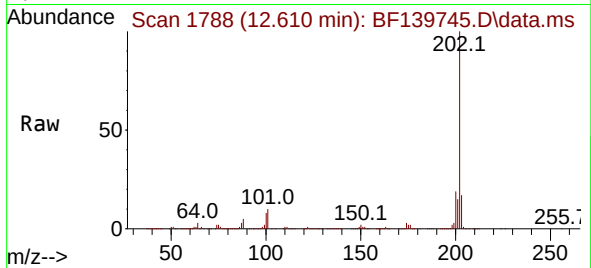
Tgt Ion:149 Resp: 857805
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.8 4.1 6.1





#75
Fluoranthene
Concen: 46.150 ng
RT: 12.610 min Scan# 1787
Delta R.T. 0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

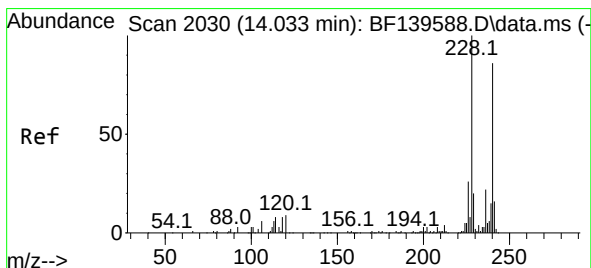
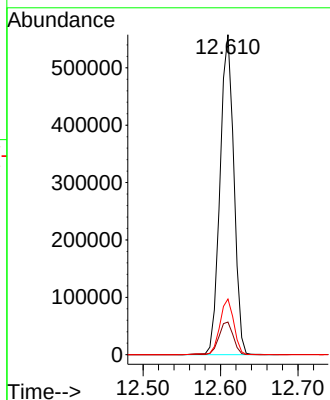
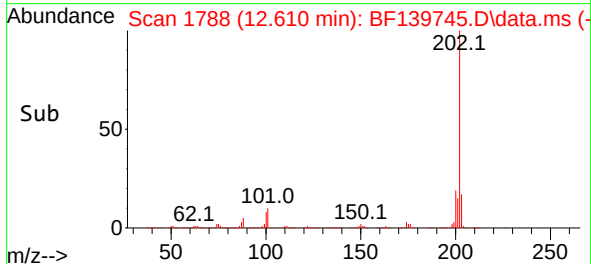
Instrument :
BNA_F
ClientSampleId :
1B-7MS



Tgt Ion:202 Resp: 695550
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.4 0.0 37.7

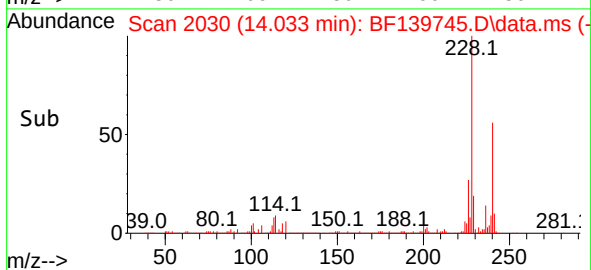
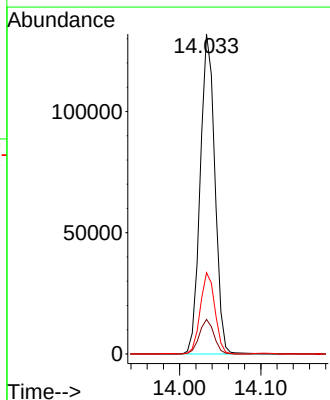
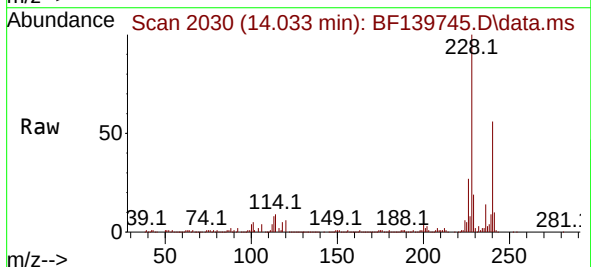
Manual Integrations
APPROVED

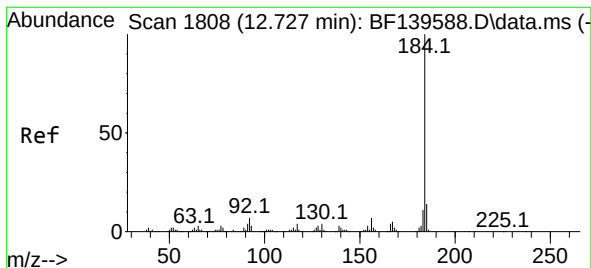
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Tgt Ion:240 Resp: 165333
Ion Ratio Lower Upper
240 100
120 10.8 8.4 12.6
236 25.4 20.3 30.5





#77

Benzidine

Concen: 15.862 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

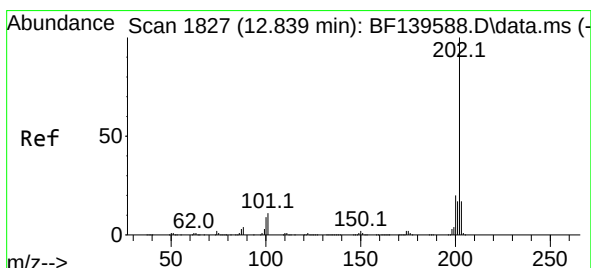
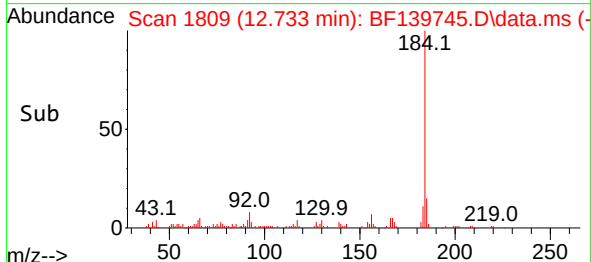
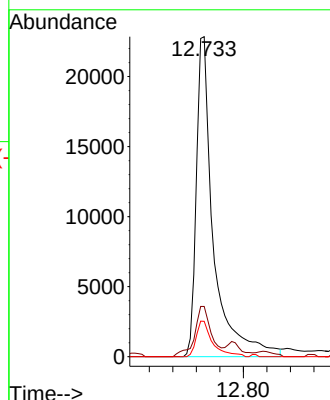
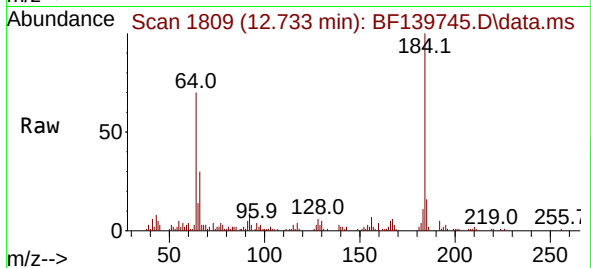
1B-7MS

Tgt Ion:184 Resp: 46259
 Ion Ratio Lower Upper
 184 100
 185 15.7 11.4 17.0
 183 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :mohammad ahmed 10/11/2024



#78

Pyrene

Concen: 47.327 ng

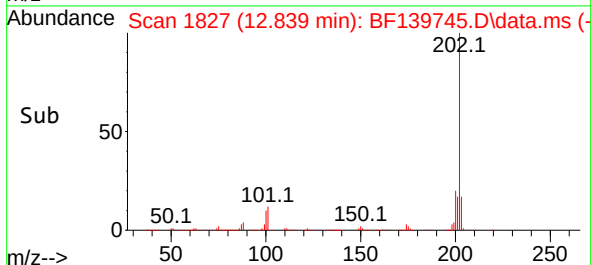
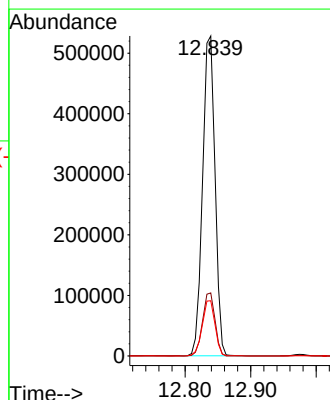
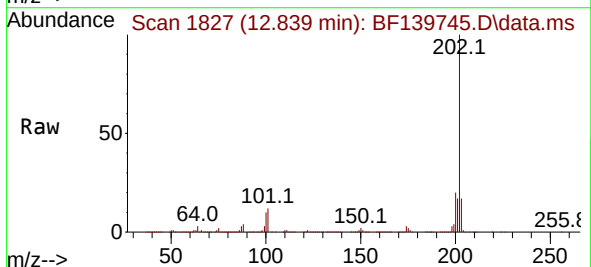
RT: 12.839 min Scan# 1827

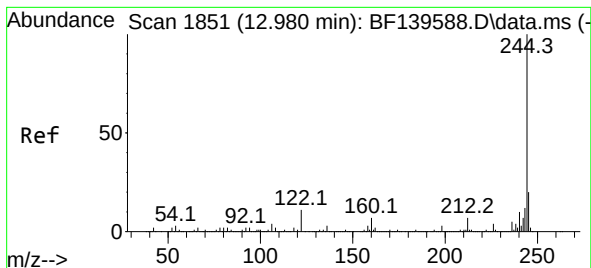
Delta R.T. -0.000 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

Tgt Ion:202 Resp: 699840
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.8 23.6
 203 17.3 13.8 20.8





#79

Terphenyl-d14

Concen: 89.112 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS

Tgt Ion:244 Resp: 897909

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

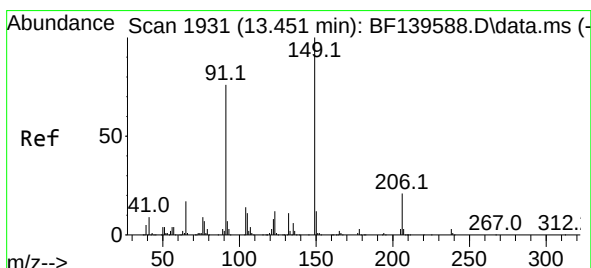
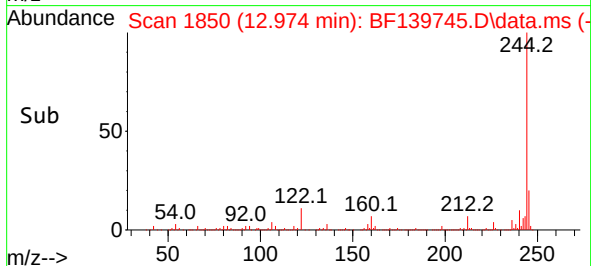
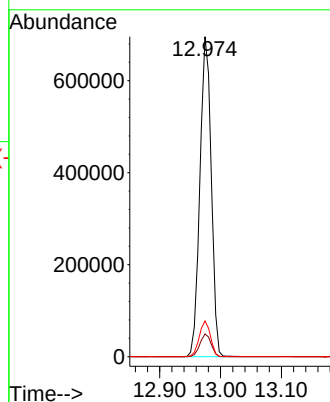
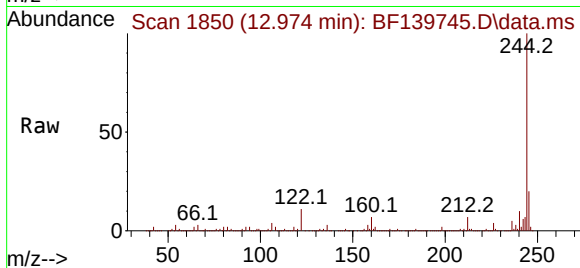
122 11.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#80

Butylbenzylphthalate

Concen: 52.178 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

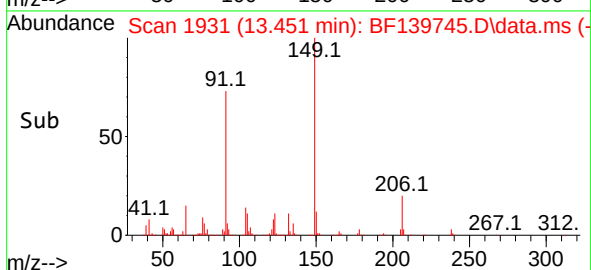
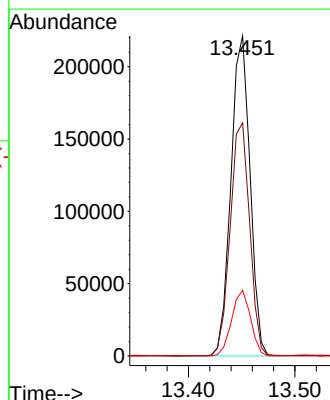
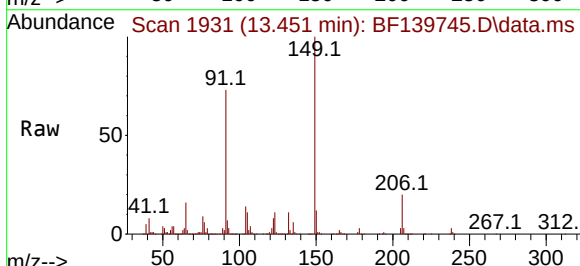
Tgt Ion:149 Resp: 275981

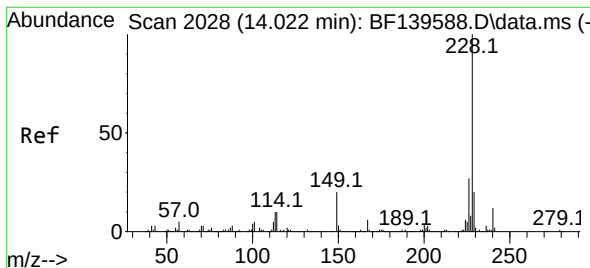
Ion Ratio Lower Upper

149 100

91 72.9 61.0 91.4

206 20.5 16.6 24.8





#81

Benzo(a)anthracene

Concen: 55.480 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS

Tgt Ion:228 Resp: 603060

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

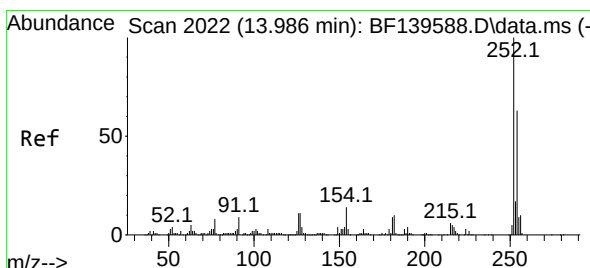
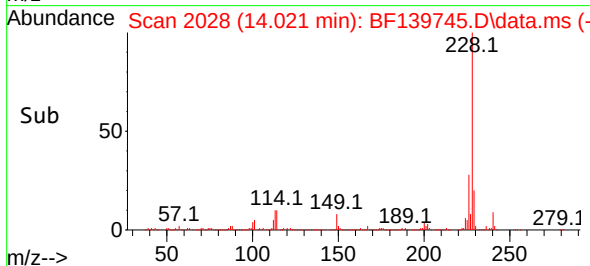
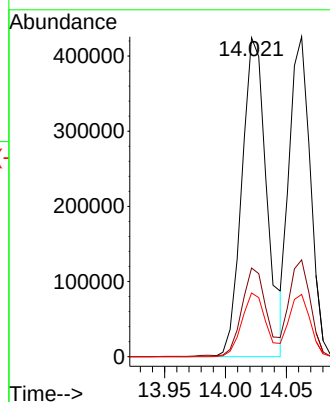
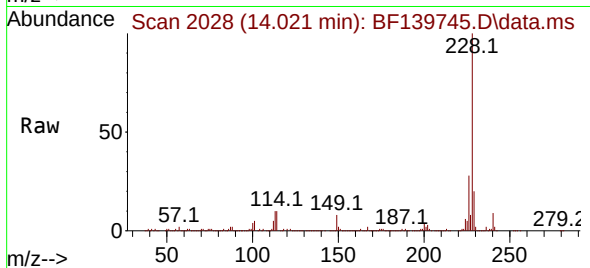
229 20.0 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#82

3,3'-Dichlorobenzidine

Concen: 36.844 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

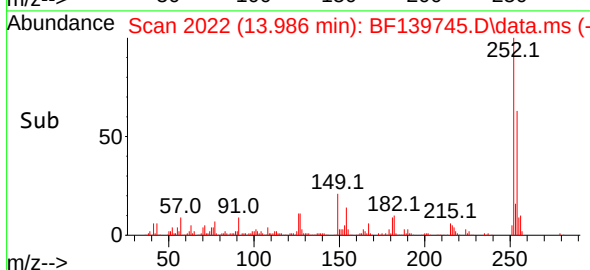
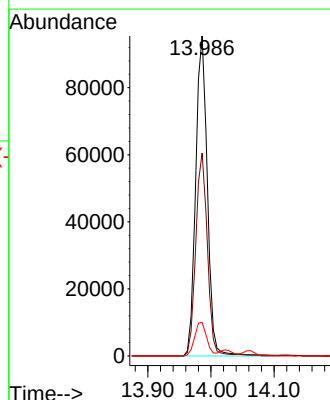
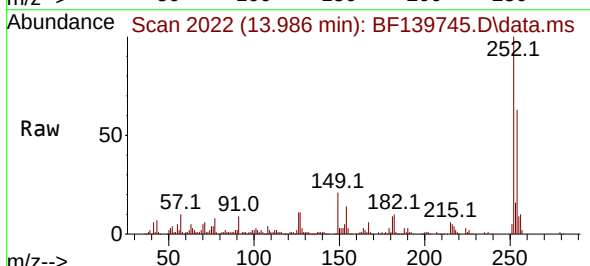
Tgt Ion:252 Resp: 122568

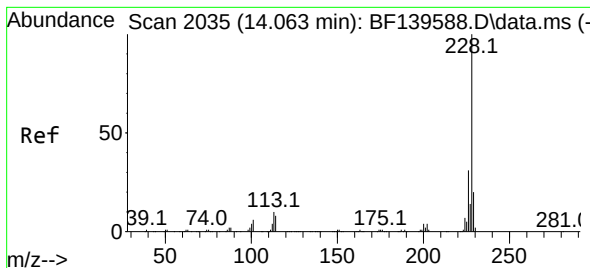
Ion Ratio Lower Upper

252 100

254 63.4 50.5 75.7

126 10.5 8.8 13.2





#83

Chrysene

Concen: 51.641 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139745.D

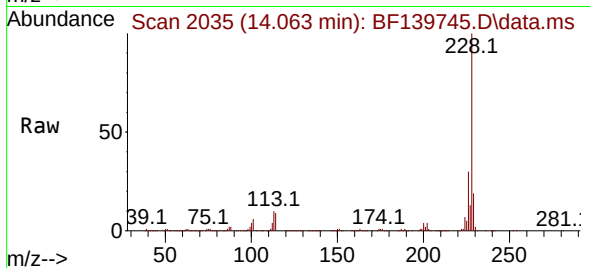
Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS



Tgt Ion:228 Resp: 513209

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

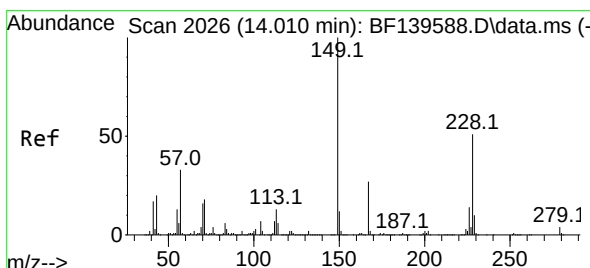
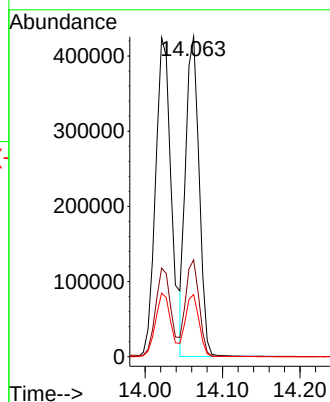
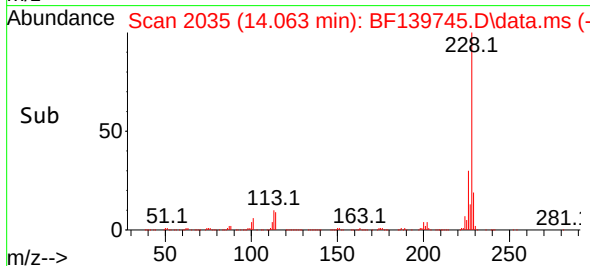
229 19.5 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.490 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

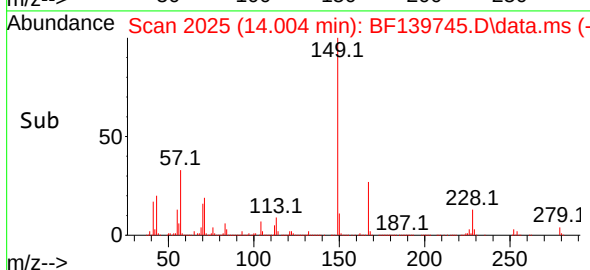
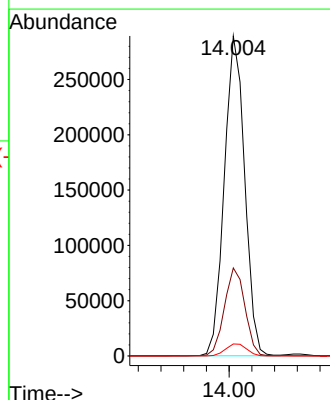
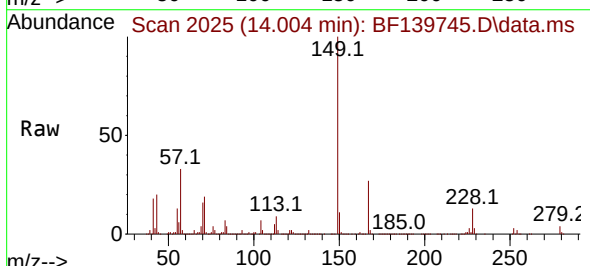
Tgt Ion:149 Resp: 359887

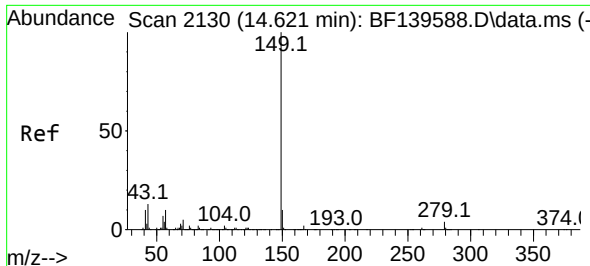
Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

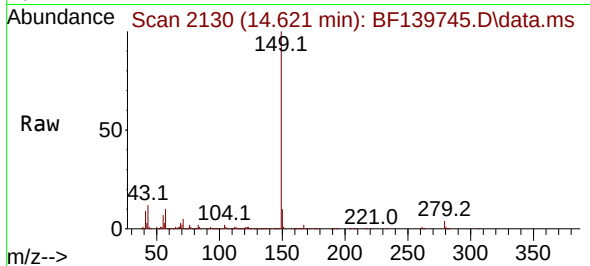
279 3.8 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 62.834 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

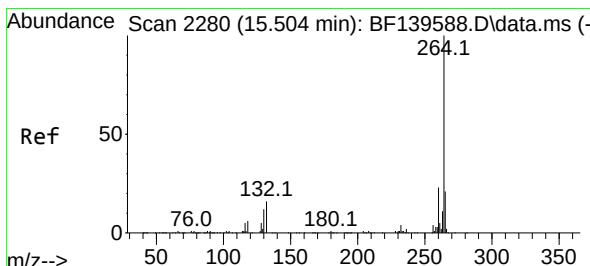
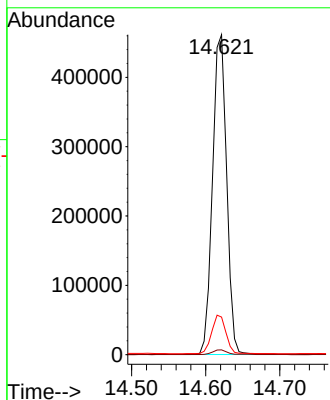
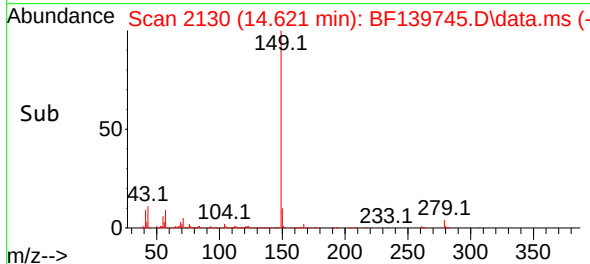
Instrument :
BNA_F
ClientSampleId :
1B-7MS



Tgt Ion:149 Resp: 609682
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.3 10.2 15.2

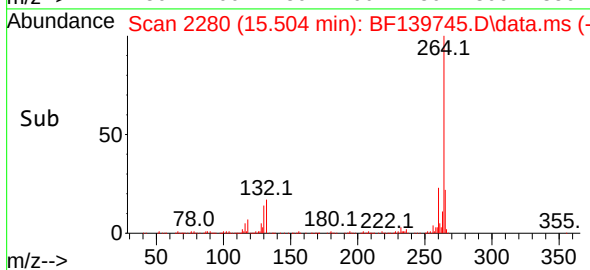
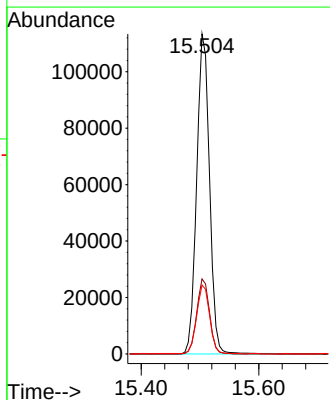
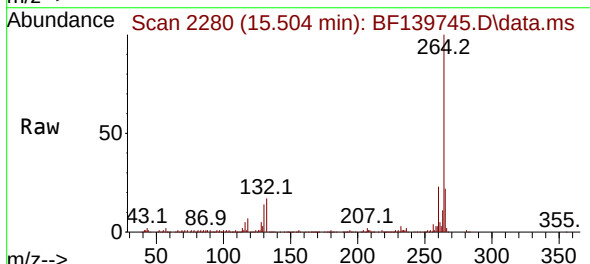
Manual Integrations
APPROVED

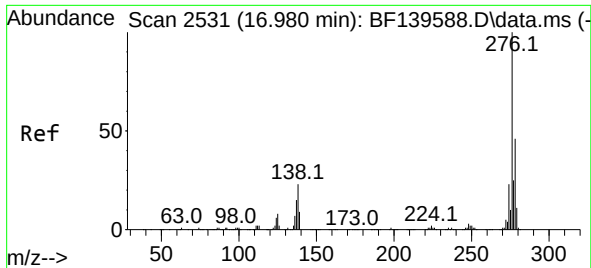
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Tgt Ion:264 Resp: 171587
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.6 16.9 25.3





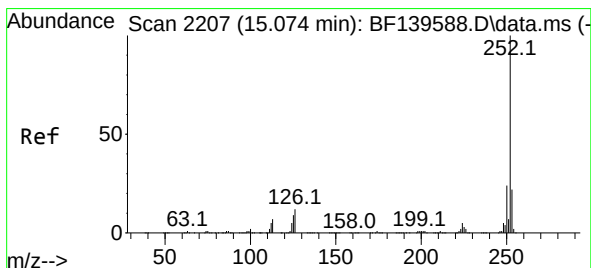
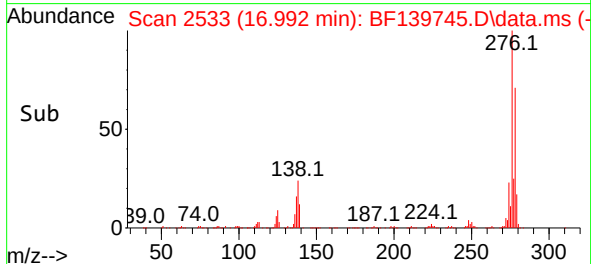
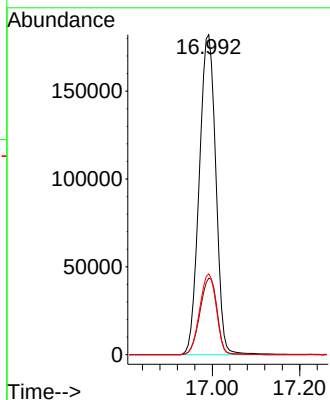
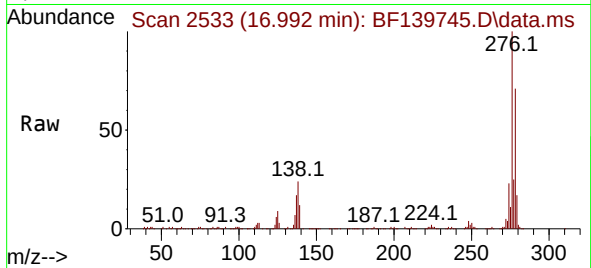
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.637 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Instrument :
BNA_F
ClientSampleId :
1B-7MS

Tgt Ion:276 Resp: 48109
Ion Ratio Lower Upper
276 100
138 24.7 19.4 29.0
277 25.4 20.2 30.2

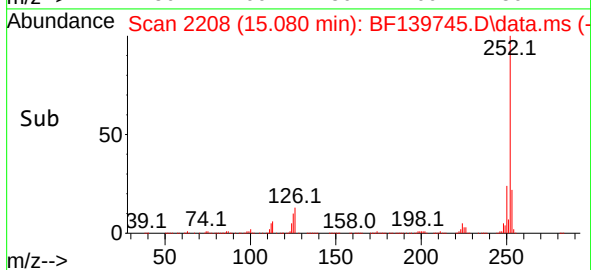
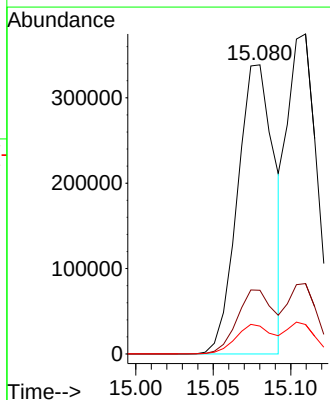
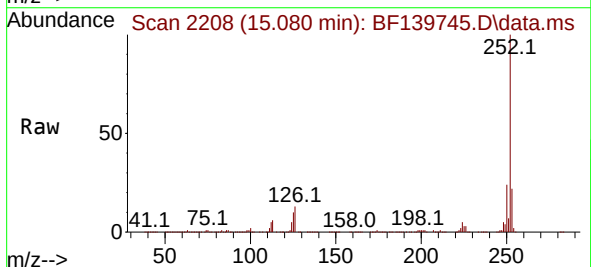
Manual Integrations
APPROVED

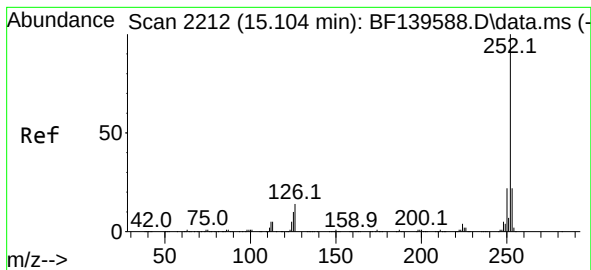
Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#88
Benzo(b)fluoranthene
Concen: 50.332 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Tgt Ion:252 Resp: 558408
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 53.174 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

ClientSampleId :

1B-7MS

Tgt Ion:252 Resp: 50043

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

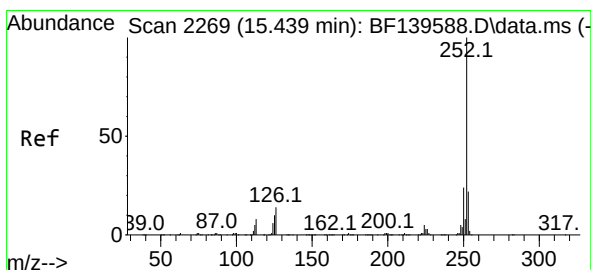
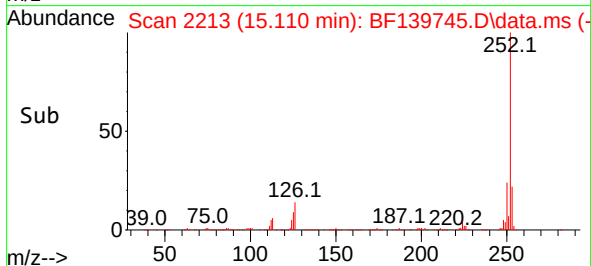
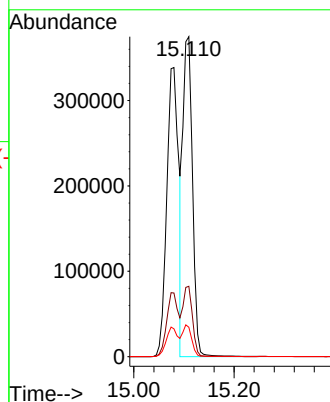
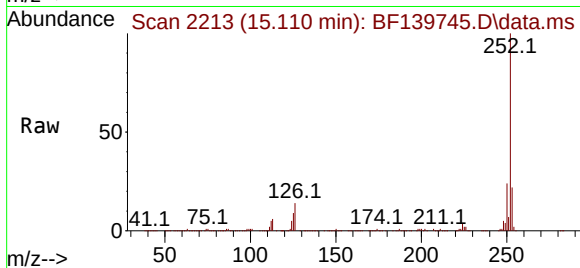
125 9.2 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2024

Supervised By :mohammad ahmed 10/11/2024



#90

Benzo(a)pyrene

Concen: 57.104 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF139745.D

Acq: 10 Oct 2024 14:36

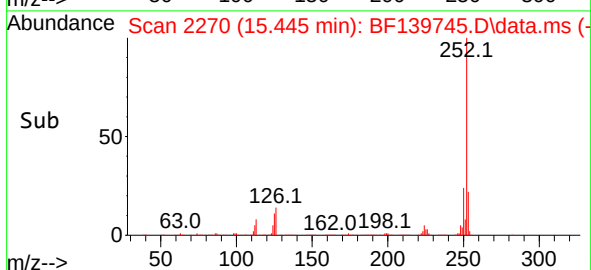
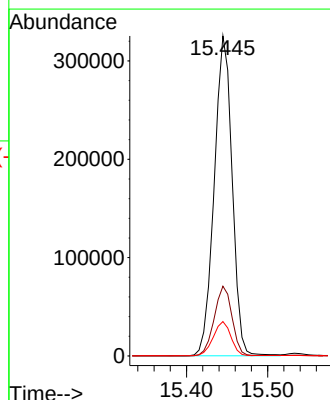
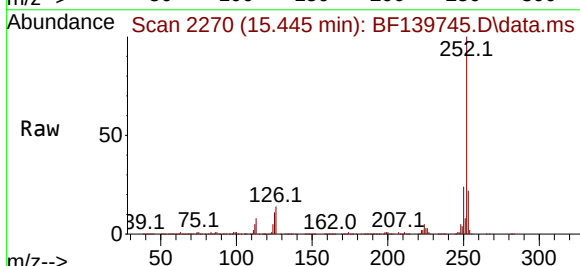
Tgt Ion:252 Resp: 499544

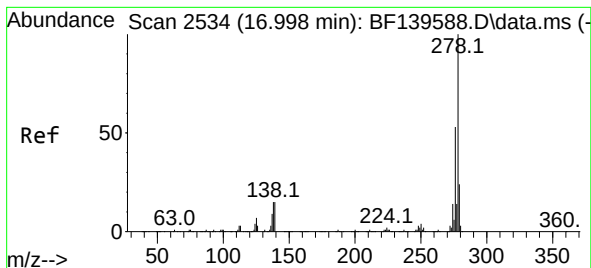
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.7 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 48.213 ng
RT: 17.003 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Instrument :

BNA_F

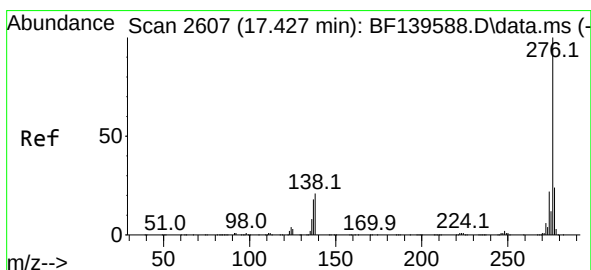
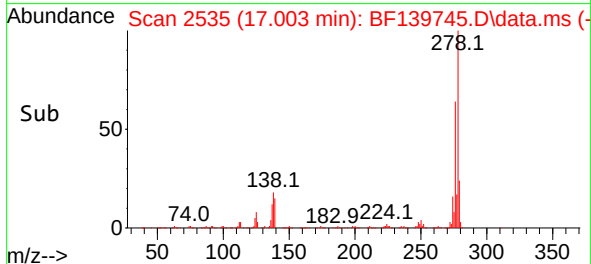
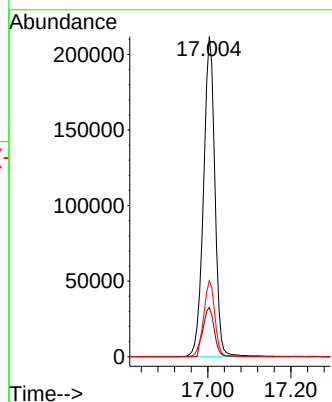
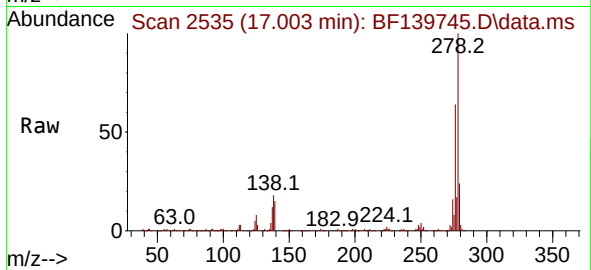
ClientSampleId :

1B-7MS

Tgt Ion:278 Resp: 40385
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 23.8 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024



#92
Benzo(g,h,i)perylene
Concen: 40.711 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.006 min
Lab File: BF139745.D
Acq: 10 Oct 2024 14:36

Tgt Ion:276 Resp: 342006
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 21.7 17.0 25.6

