

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139647.D
 Acq On : 04 Oct 2024 10:24
 Operator : RC/JU
 Sample : PB163883BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163883BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2024
 Supervised By :mohammad ahmed 10/07/2024

Quant Time: Oct 04 11:11:21 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	6.863	152	93801	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	355027	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	196147	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	367991	20.000	ng	0.00
76) Chrysene-d12	14.027	240	195485	20.000	ng	0.00
86) Perylene-d12	15.492	264	202104	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	739658	136.673	ng	0.01
7) Phenol-d6	6.504	99	974483	133.898	ng	0.00
23) Nitrobenzene-d5	7.434	82	637473	90.910	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	255841	135.117	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1154929	90.393	ng	0.00
79) Terphenyl-d14	12.974	244	1174711	98.601	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	99104	42.356	ng	99
3) Pyridine	3.475	79	264987	46.567	ng	97
4) n-Nitrosodimethylamine	3.440	42	178398	47.895	ng	95
6) Aniline	6.528	93	344284	53.310	ng	90
8) 2-Chlorophenol	6.651	128	287913	49.656	ng	99
9) Benzaldehyde	6.416	77	105150	27.275	ng	100
10) Phenol	6.516	94	377287	49.302	ng	92
11) bis(2-Chloroethyl)ether	6.604	93	281272	45.142	ng	100
12) 1,3-Dichlorobenzene	6.804	146	296780	45.499	ng	99
13) 1,4-Dichlorobenzene	6.881	146	301575	45.650	ng	99
14) 1,2-Dichlorobenzene	7.034	146	287676	46.463	ng	99
15) Benzyl Alcohol	7.010	79	271615	48.845	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	516781	47.909	ng	97
17) 2-Methylphenol	7.122	107	231394	47.804	ng	99
18) Hexachloroethane	7.375	117	114077	46.296	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	215070	45.965	ng	98
20) 3+4-Methylphenols	7.275	107	289510	47.618	ng	96
22) Acetophenone	7.275	105	391889	46.503	ng	99
24) Nitrobenzene	7.451	77	329764	45.415	ng	100
25) Isophorone	7.686	82	586027	47.054	ng	99
26) 2-Nitrophenol	7.763	139	153632	49.217	ng	99
27) 2,4-Dimethylphenol	7.804	122	220304m	57.651	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	345313	46.432	ng	100
29) 2,4-Dichlorophenol	8.010	162	237672	47.683	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	253254	44.928	ng	100
31) Naphthalene	8.169	128	847269	46.676	ng	100
32) Benzoic acid	7.934	122	170532	44.879	ng	100
33) 4-Chloroaniline	8.216	127	225508	36.702	ng	100
34) Hexachlorobutadiene	8.281	225	164497	45.095	ng	99
35) Caprolactam	8.592	113	78369m	47.937	ng	
36) 4-Chloro-3-methylphenol	8.704	107	267570	47.422	ng	99
37) 2-Methylnaphthalene	8.863	142	547317	46.295	ng	99
38) 1-Methylnaphthalene	8.957	142	508147	43.973	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	254692	46.761	ng	99
41) Hexachlorocyclopentadiene	9.010	237	289004	173.045	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	177064	48.223	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	182426	46.070	ng	98
46) 1,1'-Biphenyl	9.328	154	677435	46.435	ng	99
47) 2-Chloronaphthalene	9.351	162	513142	46.919	ng	98
48) 2-Nitroaniline	9.445	65	195912	49.901	ng	98
49) Acenaphthylene	9.769	152	839921	50.499	ng	100
50) Dimethylphthalate	9.628	163	627630	48.881	ng	99
51) 2,6-Dinitrotoluene	9.692	165	135833	46.831	ng	94
52) Acenaphthene	9.939	154	596786m	52.266	ng	
53) 3-Nitroaniline	9.857	138	115506	38.969	ng	99
54) 2,4-Dinitrophenol	9.969	184	150207	96.282	ng	99
55) Dibenzofuran	10.110	168	765149	47.861	ng	99
56) 4-Nitrophenol	10.028	139	218261	96.561	ng	97
57) 2,4-Dinitrotoluene	10.092	165	184467	48.656	ng	98
58) Fluorene	10.451	166	602449	47.313	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	160664	50.236	ng	99
60) Diethylphthalate	10.328	149	632997	47.729	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	292181	45.866	ng	98
62) 4-Nitroaniline	10.475	138	145193	47.889	ng	98
63) Azobenzene	10.604	77	633031	47.463	ng	100
65) 4,6-Dinitro-2-methylph...	10.504	198	100557	48.383	ng	96
66) n-Nitrosodiphenylamine	10.563	169	531590	49.008	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	177201	46.965	ng	99
68) Hexachlorobenzene	10.998	284	197543	47.183	ng	99
69) Atrazine	11.092	200	177009	60.822	ng	100
70) Pentachlorophenol	11.198	266	217355	87.187	ng	98
71) Phenanthrene	11.416	178	849333	48.950	ng	100
72) Anthracene	11.469	178	858179	49.995	ng	100
73) Carbazole	11.622	167	787852	47.787	ng	100
74) Di-n-butylphthalate	11.945	149	964628	48.115	ng	100
75) Fluoranthene	12.604	202	862506	45.473	ng	99
77) Benzidine	12.727	184	434924	126.134	ng	100
78) Pyrene	12.833	202	866218	49.543	ng	100
80) Butylbenzylphthalate	13.445	149	340151	54.390	ng	99
81) Benzo(a)anthracene	14.015	228	653162	50.820	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	170199	43.270	ng	98
83) Chrysene	14.057	228	562118	47.838	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	446904	57.228	ng	100
85) Di-n-octyl phthalate	14.615	149	675474	58.877	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	661995	55.651	ng	100
88) Benzo(b)fluoranthene	15.068	252	560498	42.892	ng	99
89) Benzo(k)fluoranthene	15.098	252	575745	51.939	ng	100
90) Benzo(a)pyrene	15.433	252	544126	52.808	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	540374	54.770	ng	99
92) Benzo(g,h,i)perylene	17.415	276	494577	49.983	ng	100

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



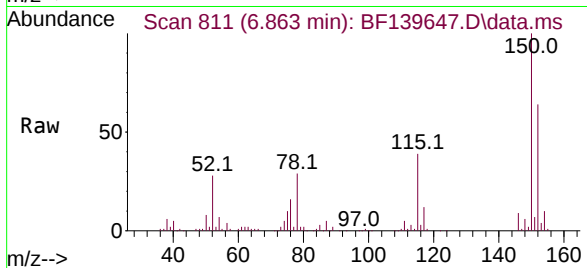
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

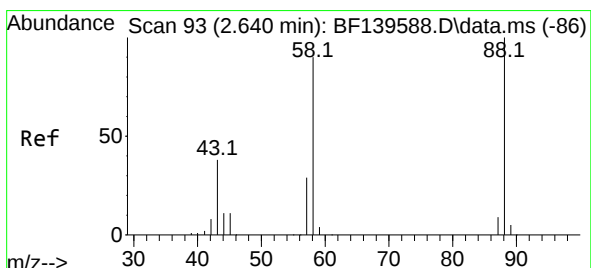
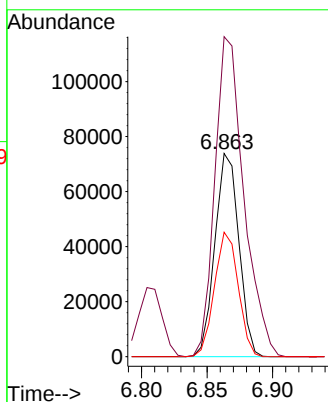
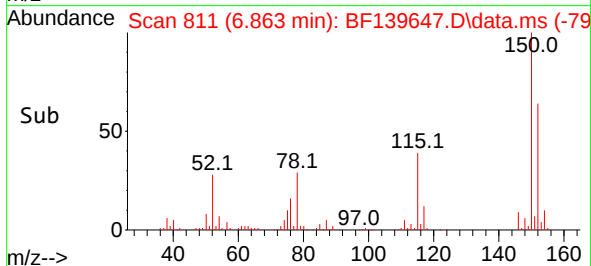


Tgt Ion:152 Resp: 9380
Ion Ratio Lower Upper
152 100
150 157.4 127.2 190.8
115 61.2 49.0 73.4

Manual Integrations

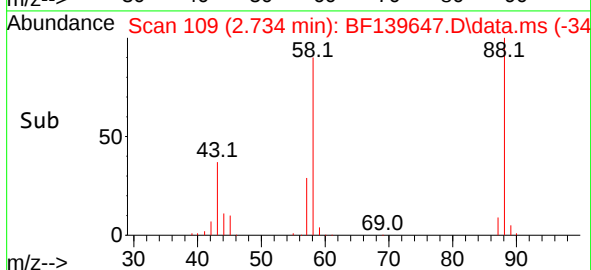
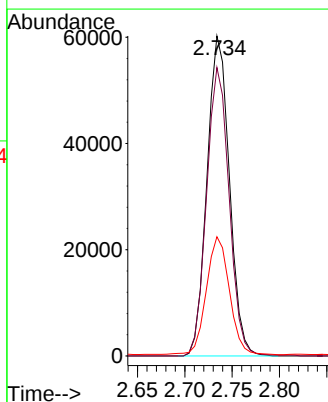
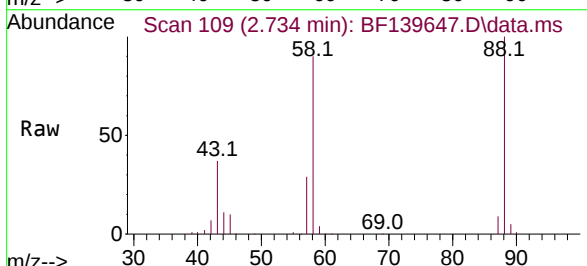
APPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#2
1,4-Dioxane
Concen: 42.356 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.094 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion: 88 Resp: 99104
Ion Ratio Lower Upper
88 100
58 91.0 72.0 108.0
43 38.0 30.8 46.2





#3

Pyridine

Concen: 46.567 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

Tgt Ion: 79 Resp: 26498

Ion Ratio Lower Upper

79 100

52 88.3 72.6 109.0

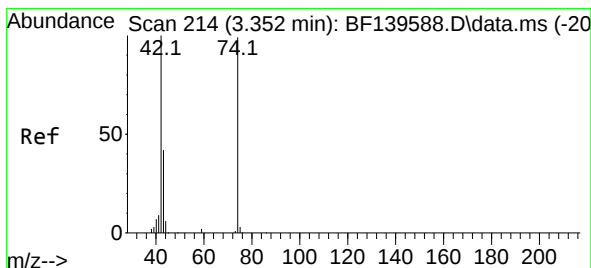
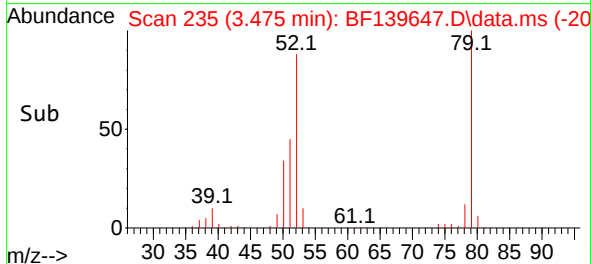
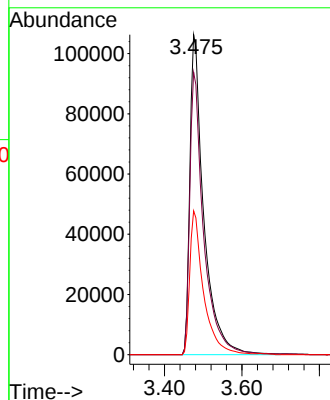
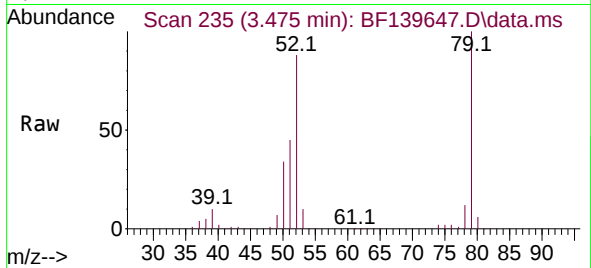
51 44.9 37.5 56.3

Manual Integrations

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Supervised By :mohammad ahmed 10/07/2024



#4

n-Nitrosodimethylamine

Concen: 47.895 ng

RT: 3.440 min Scan# 229

Delta R.T. 0.088 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

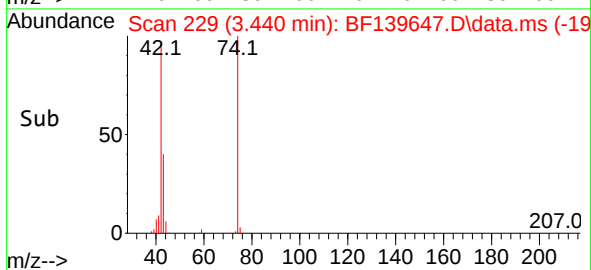
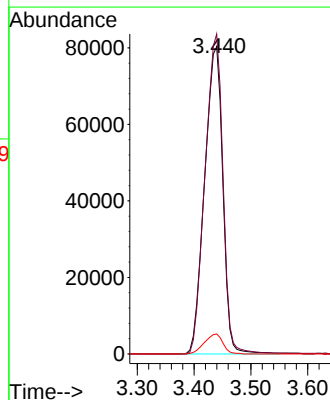
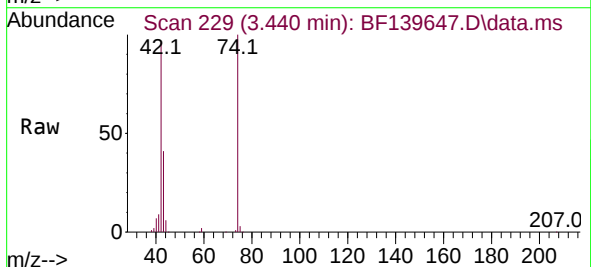
Tgt Ion: 42 Resp: 178398

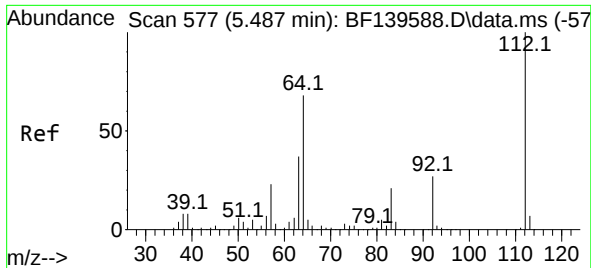
Ion Ratio Lower Upper

42 100

74 104.1 79.0 118.6

44 6.5 5.2 7.8





#5
2-Fluorophenol
Concen: 136.673 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

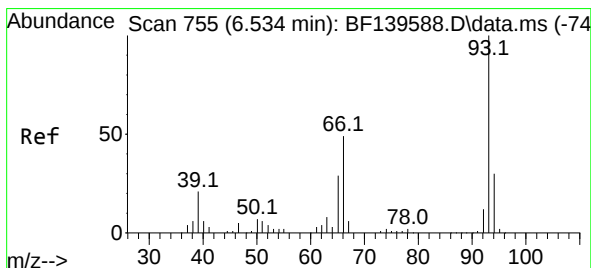
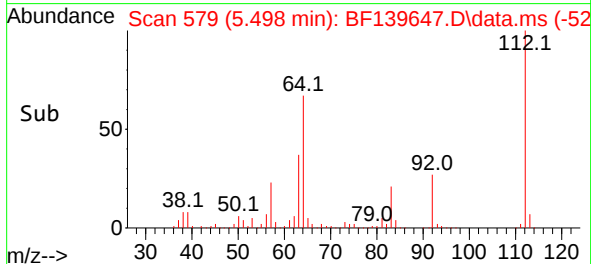
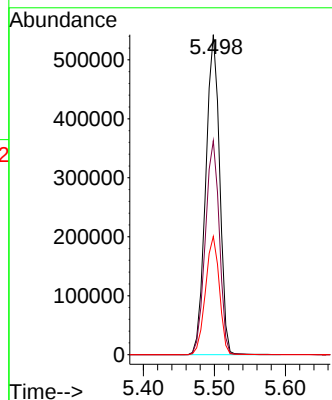
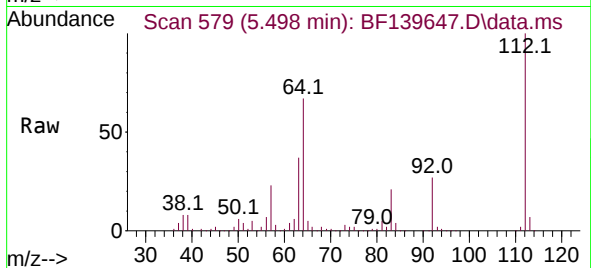
PB163883BS

Tgt Ion:112 Resp: 739658
Ion Ratio Lower Upper
112 100
64 66.9 54.2 81.4
63 37.0 29.4 44.2

Manual Integrations

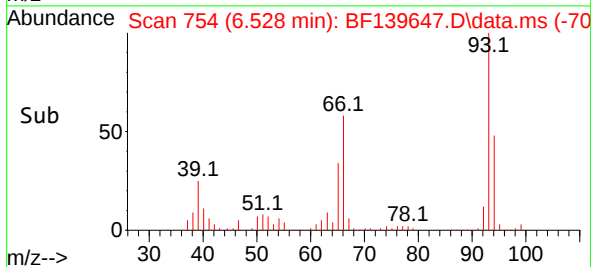
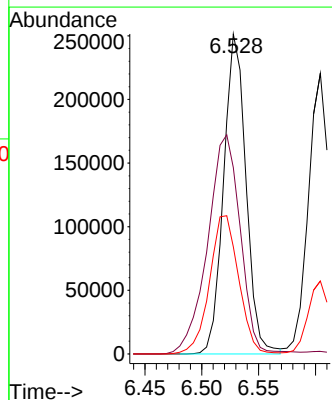
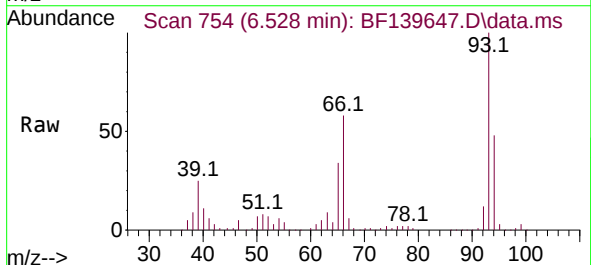
APPROVED

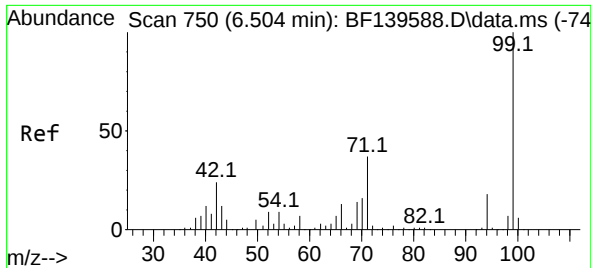
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#6
Aniline
Concen: 53.310 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion: 93 Resp: 344284
Ion Ratio Lower Upper
93 100
66 58.3 40.9 61.3
65 33.5 23.3 34.9





#7

Phenol-d6

Concen: 133.898 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

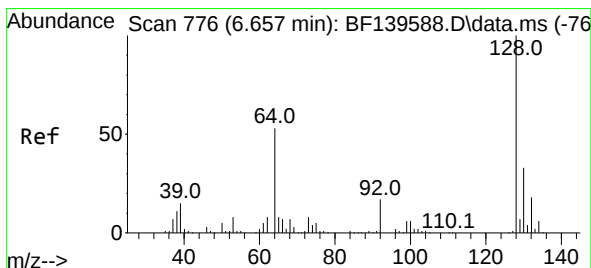
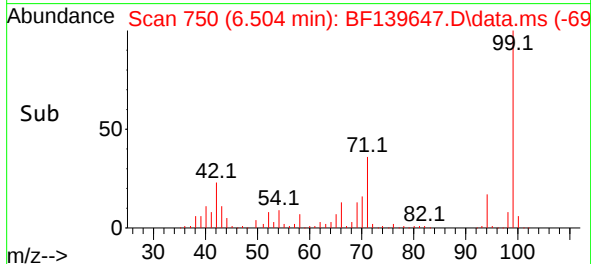
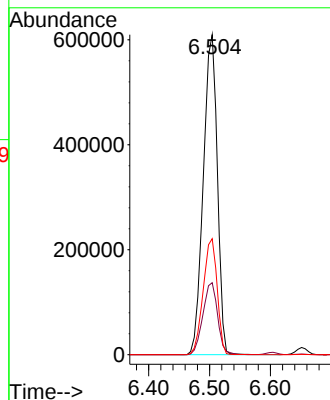
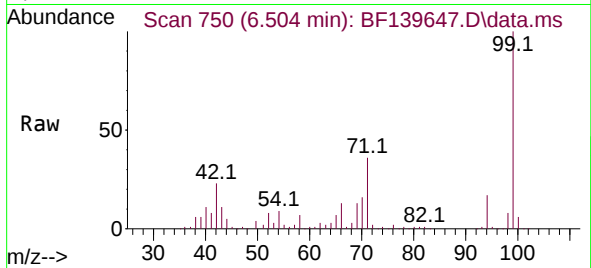
Tgt Ion:	99	Resp:	97448
Ion	Ratio	Lower	Upper
99	100		
42	22.5	19.1	28.7
71	36.2	29.7	44.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#8

2-Chlorophenol

Concen: 49.656 ng

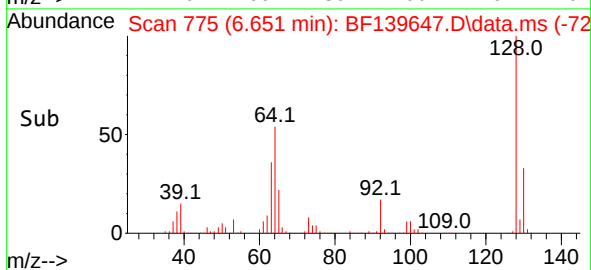
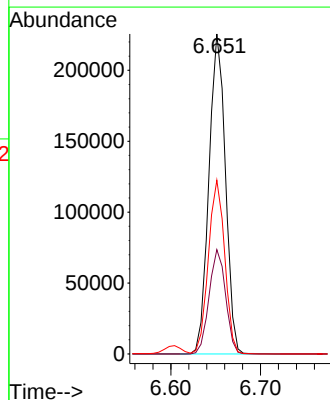
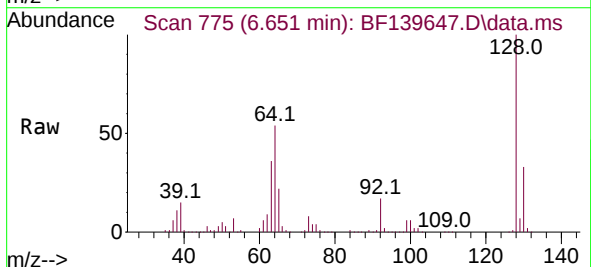
RT: 6.651 min Scan# 775

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Tgt Ion:	128	Resp:	287913
Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.2	53.2
64	54.3	35.1	75.1





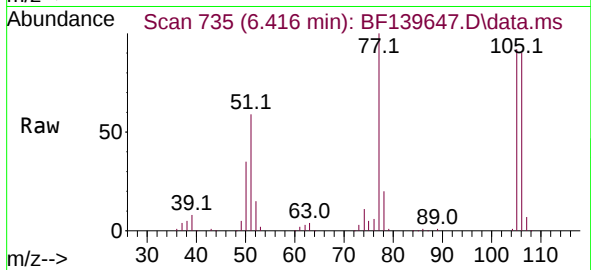
#9
Benzaldehyde
Concen: 27.275 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

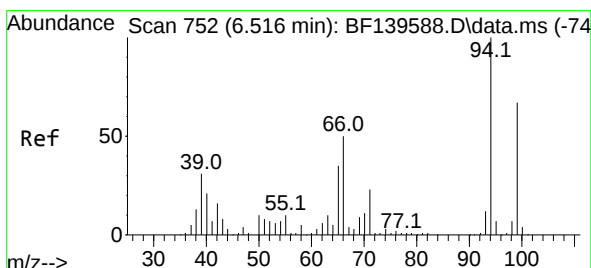
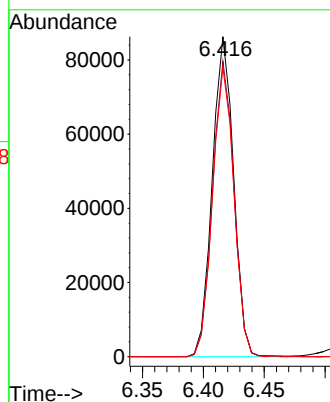
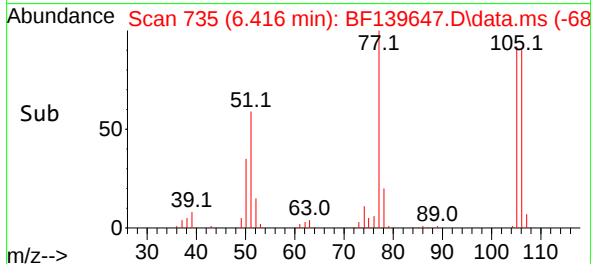


Tgt Ion: 77 Resp: 105150
Ion Ratio Lower Upper
77 100
105 92.3 72.7 112.7
106 90.4 70.1 110.1

Manual Integrations

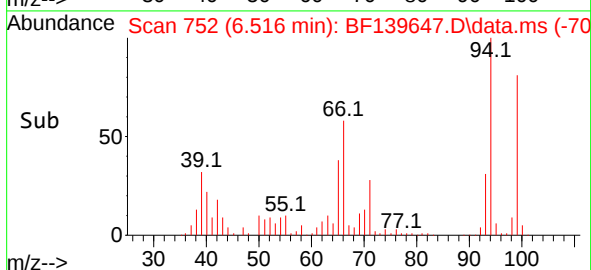
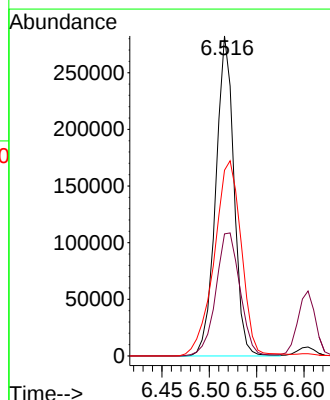
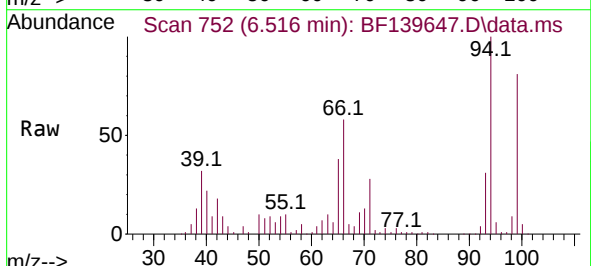
APPROVED

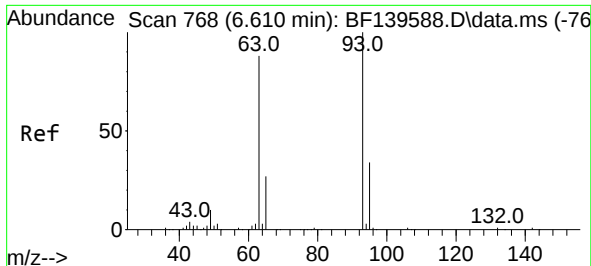
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#10
Phenol
Concen: 49.302 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion: 94 Resp: 377287
Ion Ratio Lower Upper
94 100
65 38.2 15.3 55.3
66 58.1 30.5 70.5





#11
bis(2-Chloroethyl)ether
Concen: 45.142 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

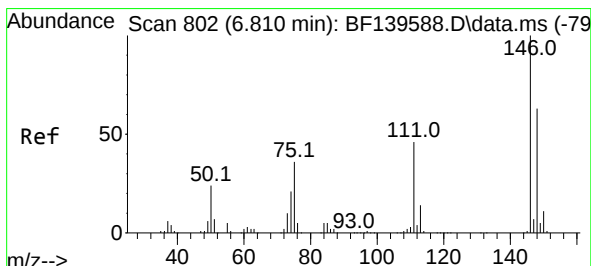
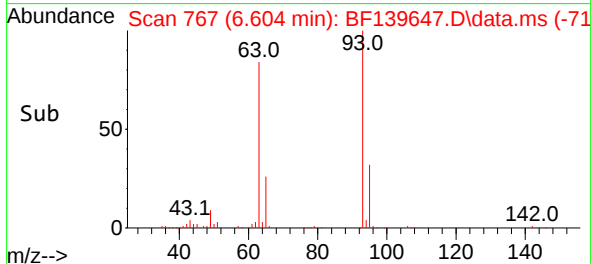
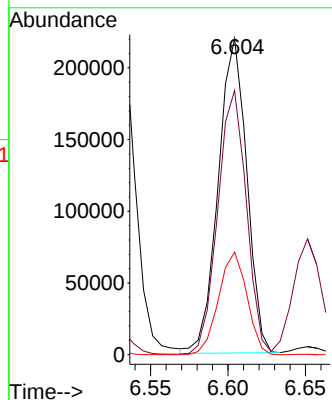
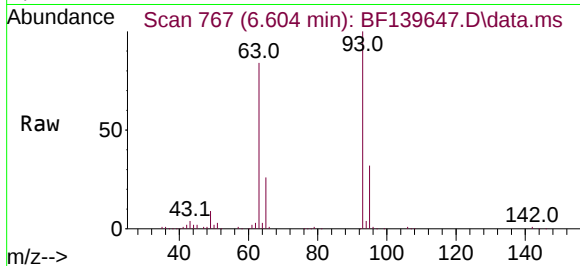
ClientSampleId :

PB163883BS

Tgt Ion: 93 Resp: 28127
Ion Ratio Lower Upper
93 100
63 83.6 64.1 104.1
95 32.4 12.3 52.3

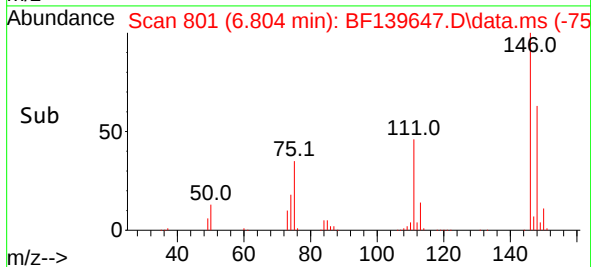
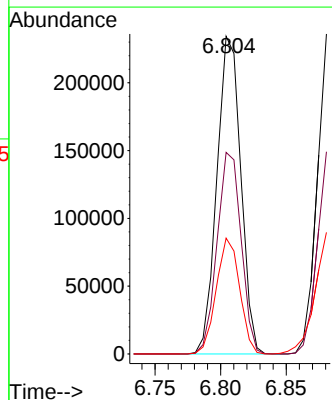
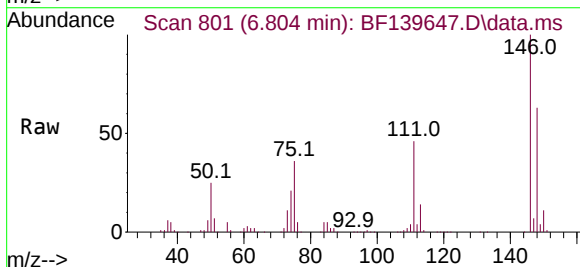
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#12
1,3-Dichlorobenzene
Concen: 45.499 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:146 Resp: 296780
Ion Ratio Lower Upper
146 100
148 63.4 50.2 75.4
75 36.4 28.5 42.7





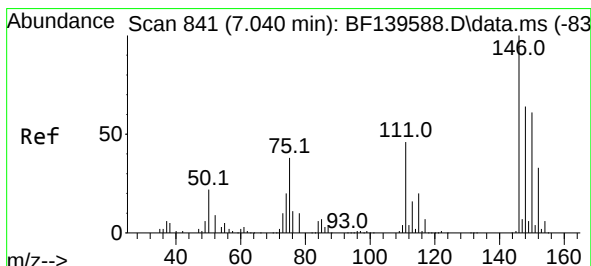
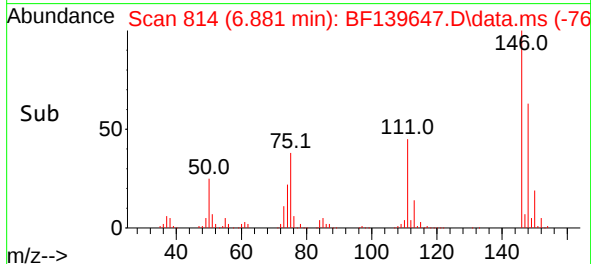
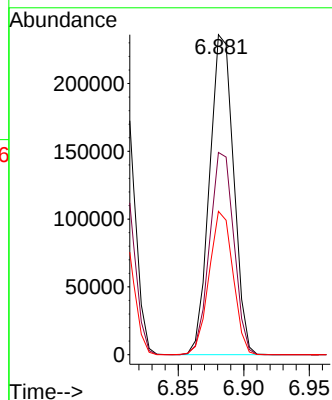
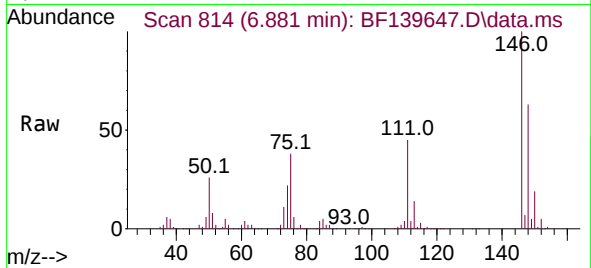
#13
1,4-Dichlorobenzene
Concen: 45.650 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :
BNA_F
ClientSampleId :
PB163883BS

Tgt Ion:146 Resp: 301579
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
111 44.8 34.9 52.3

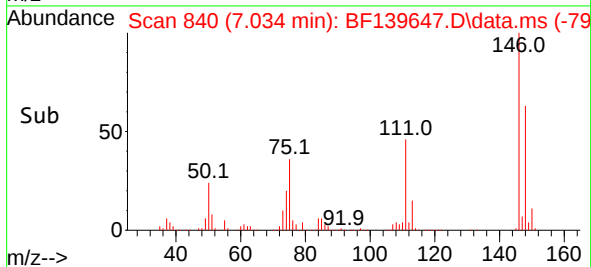
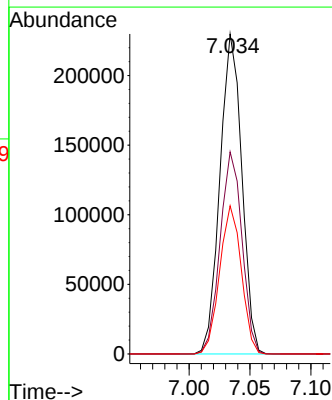
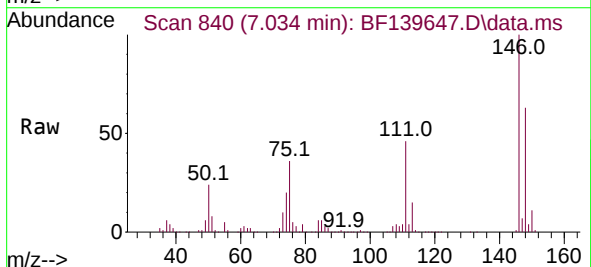
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#14
1,2-Dichlorobenzene
Concen: 46.463 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:146 Resp: 287676
Ion Ratio Lower Upper
146 100
148 63.1 51.2 76.8
111 46.3 37.0 55.6





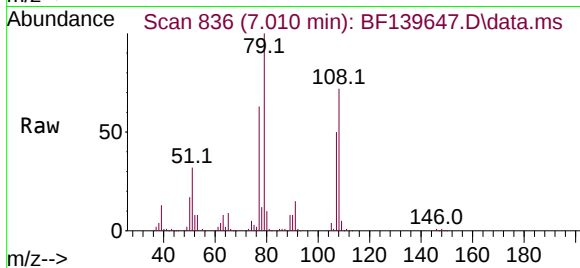
#15
Benzyl Alcohol
Concen: 48.845 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

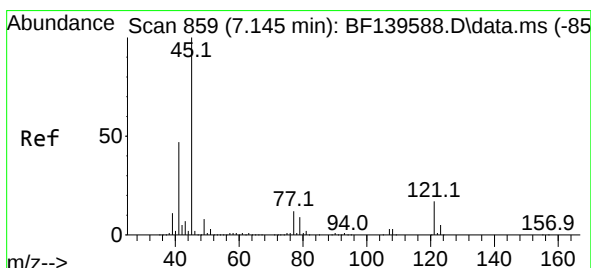
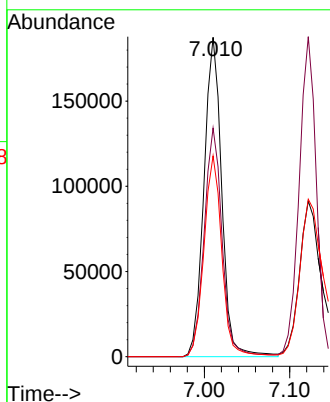
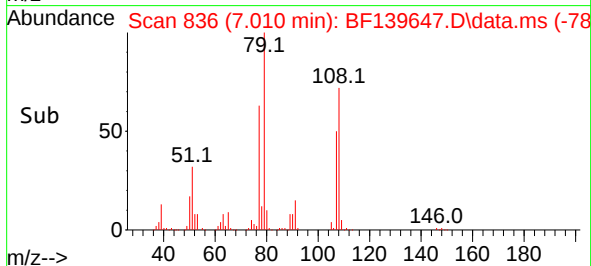
PB163883BS



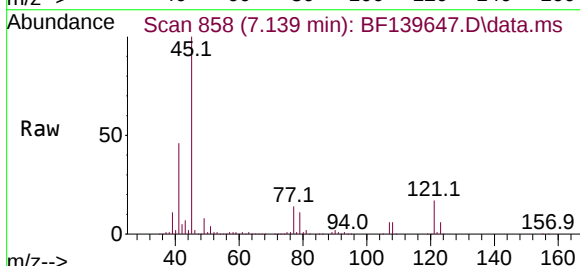
Tgt Ion: 79 Resp: 27161
Ion Ratio Lower Upper
79 100
108 71.6 55.1 82.7
77 62.9 50.8 76.2

Manual Integrations
APPROVED

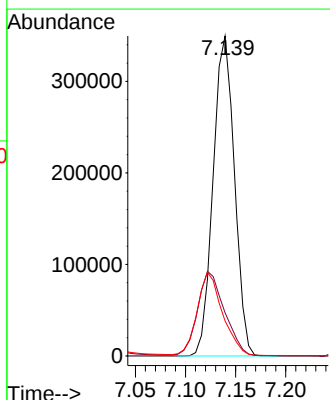
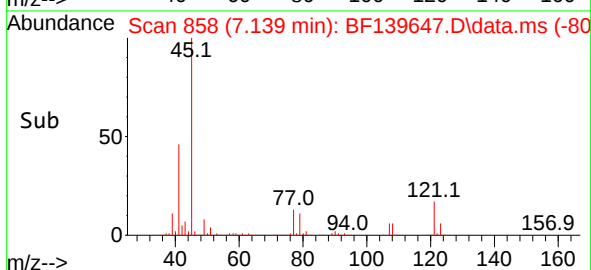
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024

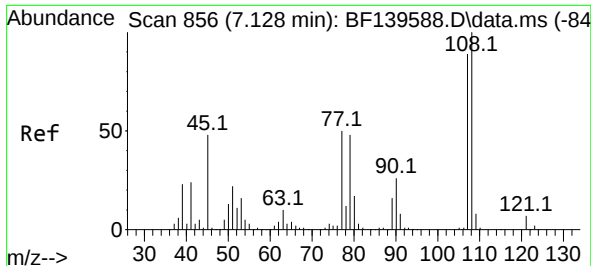


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.909 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24



Tgt Ion: 45 Resp: 516781
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.5
79 11.0 0.0 29.7





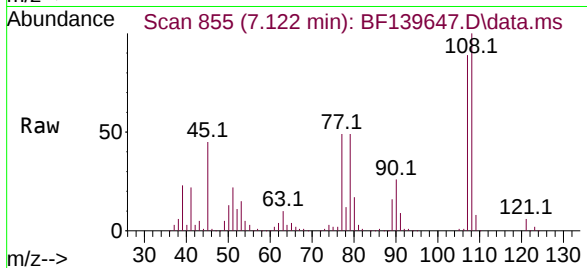
#17
2-Methylphenol
Concen: 47.804 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS



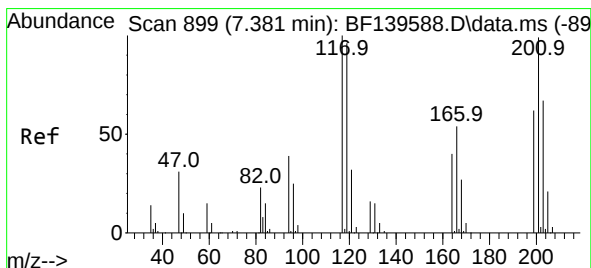
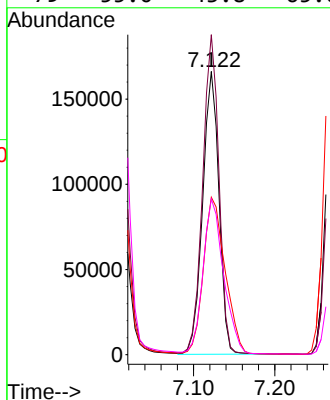
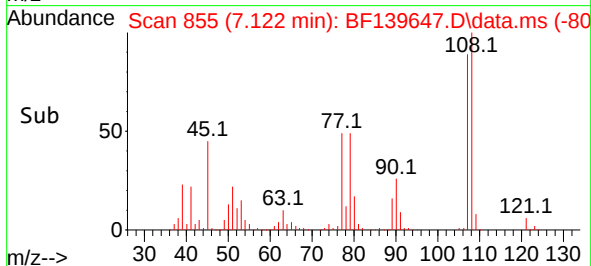
Tgt Ion:107 Resp: 231394
Ion Ratio Lower Upper
107 100
108 113.0 89.8 134.6
77 55.6 44.6 67.0
79 55.0 43.8 65.6

Manual Integrations

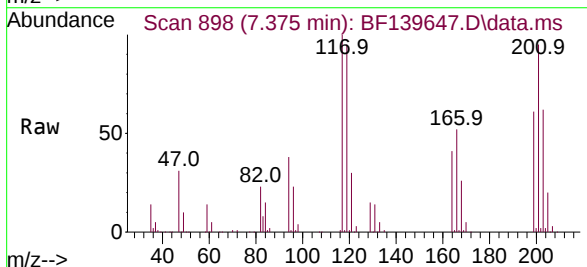
APPROVED

Reviewed By :Yogesh Patel 10/05/2024

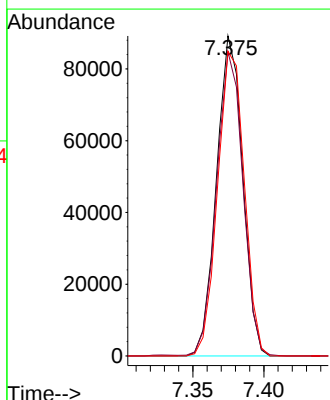
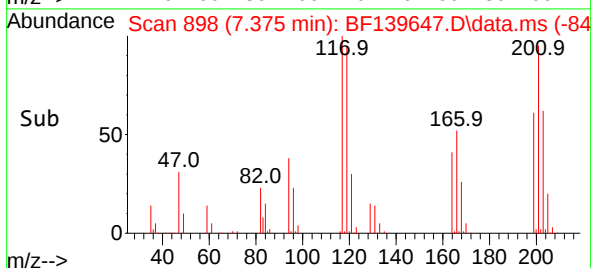
Supervised By :mohammad ahmed 10/07/2024



#18
Hexachloroethane
Concen: 46.296 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24



Tgt Ion:117 Resp: 114077
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.6
201 95.2 79.2 118.8





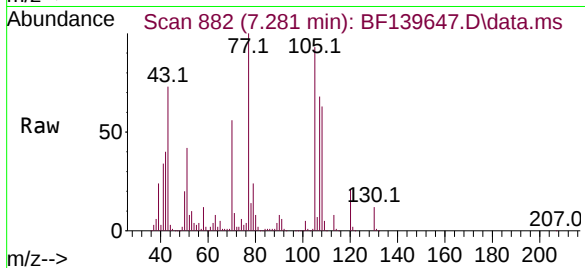
#19
n-Nitroso-di-n-propylamine
Concen: 45.965 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS



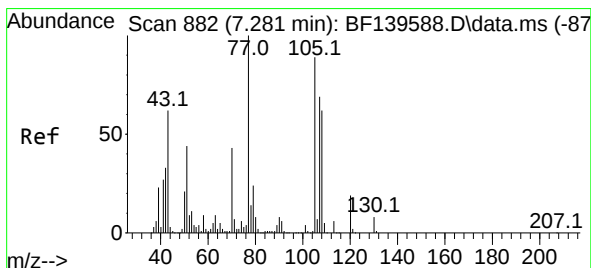
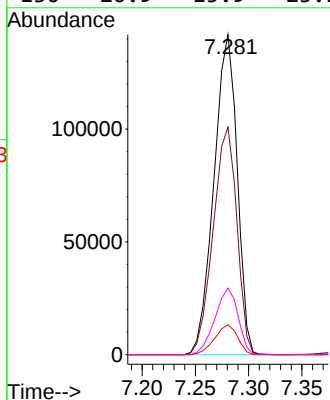
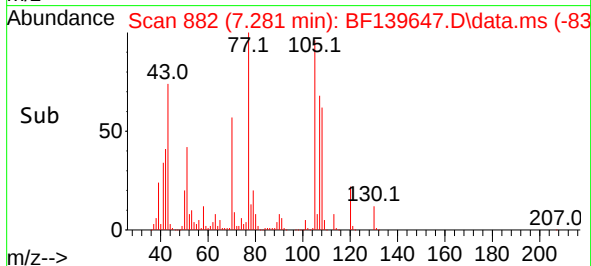
Tgt Ion: 70 Resp: 215070
Ion Ratio Lower Upper
70 100
42 71.1 58.0 87.0
101 9.4 7.8 11.8
130 20.9 15.9 23.9

Manual Integrations

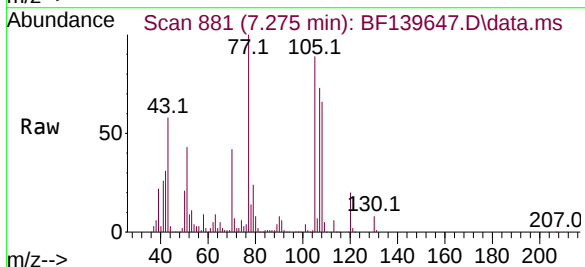
APPROVED

Reviewed By :Yogesh Patel 10/05/2024

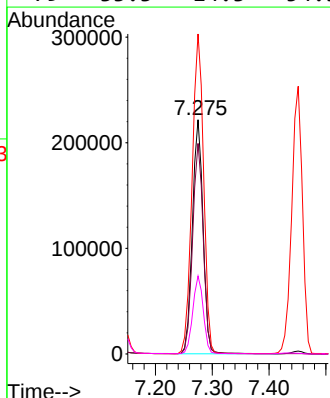
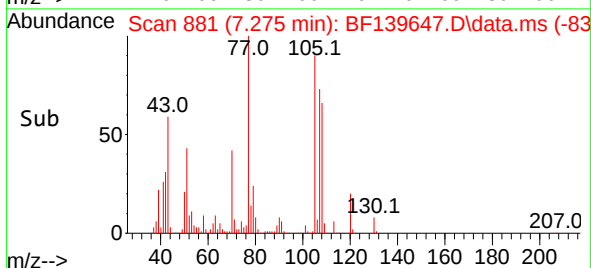
Supervised By :mohammad ahmed 10/07/2024



#20
3+4-Methylphenols
Concen: 47.618 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24



Tgt Ion:107 Resp: 289510
Ion Ratio Lower Upper
107 100
108 89.8 70.2 110.2
77 136.6 125.3 165.3
79 33.3 14.3 54.3





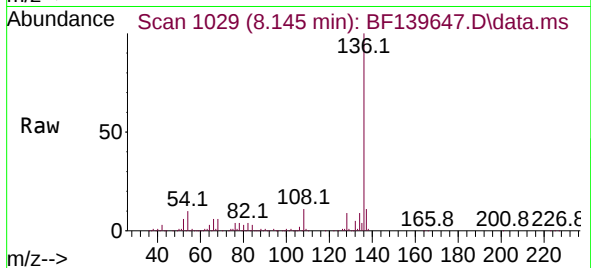
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS



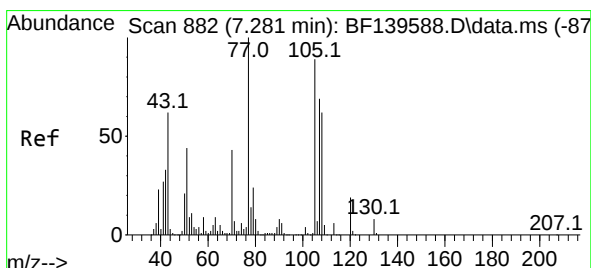
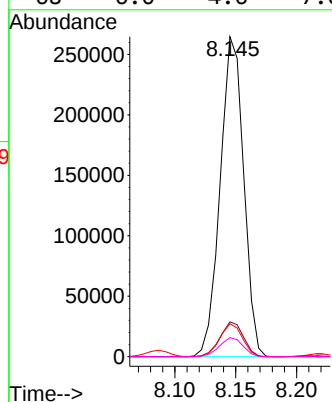
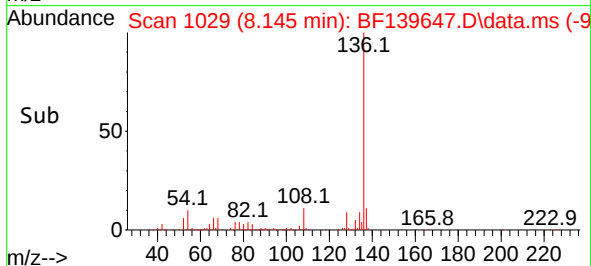
Tgt Ion:136 Resp: 35502
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.3 8.3 12.5
68 6.0 4.6 7.0

Manual Integrations

APPROVED

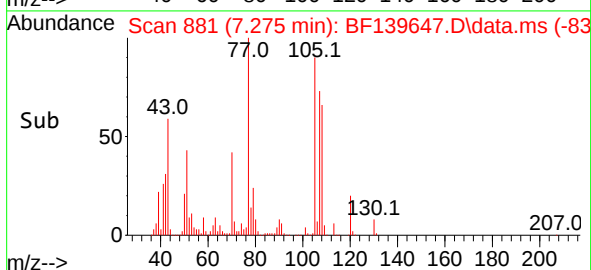
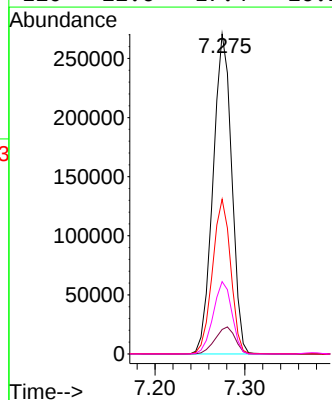
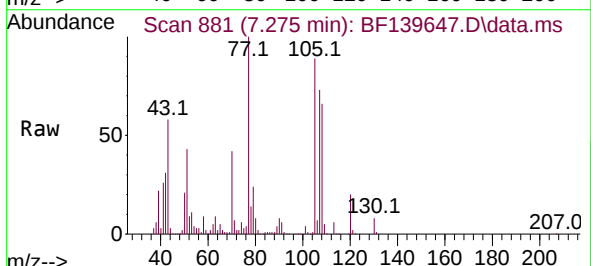
Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#22
Acetophenone
Concen: 46.503 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:105 Resp: 391889
Ion Ratio Lower Upper
105 100
71 7.7 6.6 10.0
51 48.4 39.4 59.0
120 22.6 17.4 26.2





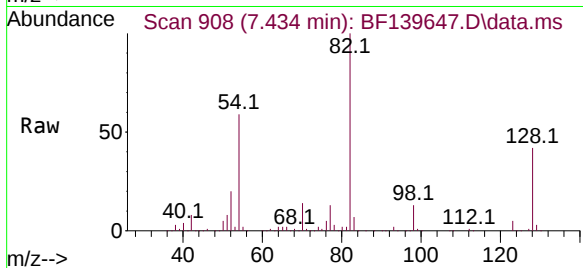
#23
Nitrobenzene-d5
Concen: 90.910 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

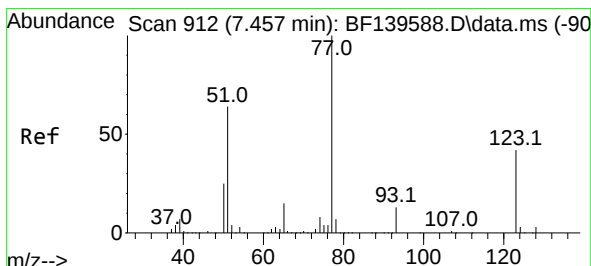
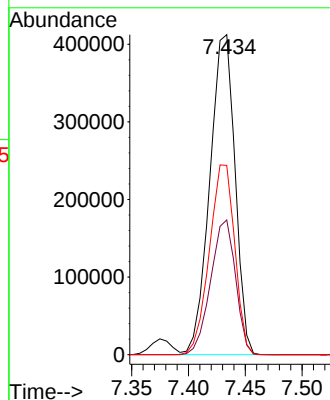
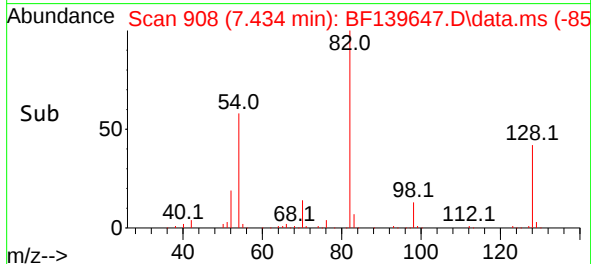


Tgt Ion: 82 Resp: 63747
Ion Ratio Lower Upper
82 100
128 42.1 32.4 48.6
54 59.1 49.1 73.7

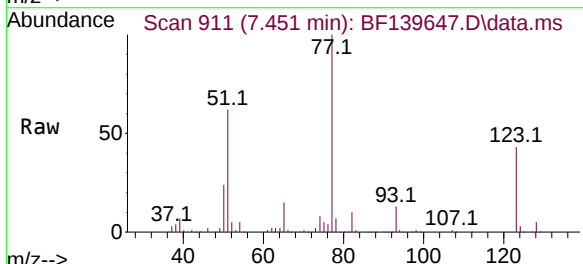
Manual Integrations

APPROVED

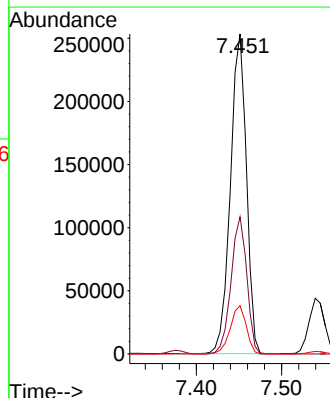
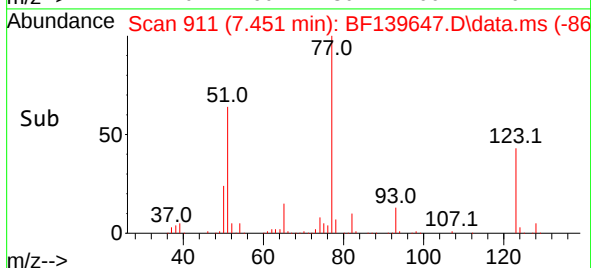
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#24
Nitrobenzene
Concen: 45.415 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24



Tgt Ion: 77 Resp: 329764
Ion Ratio Lower Upper
77 100
123 42.9 34.2 51.4
65 15.1 12.1 18.1





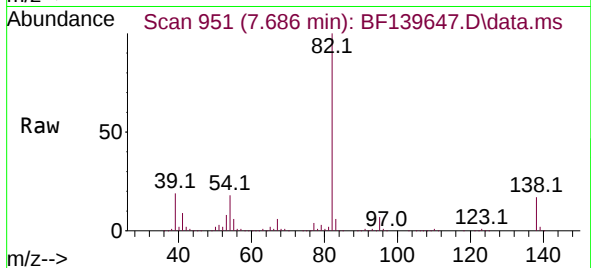
#25
Isophorone
Concen: 47.054 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

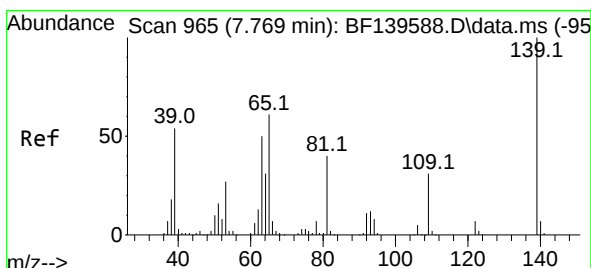
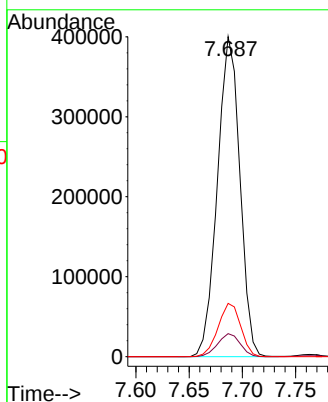
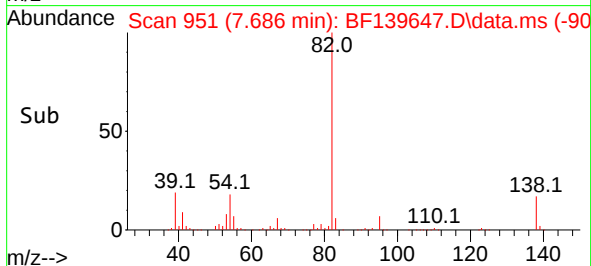


Tgt Ion: 82 Resp: 58602
Ion Ratio Lower Upper
82 100
95 7.2 6.1 9.1
138 16.7 13.4 20.2

Manual Integrations

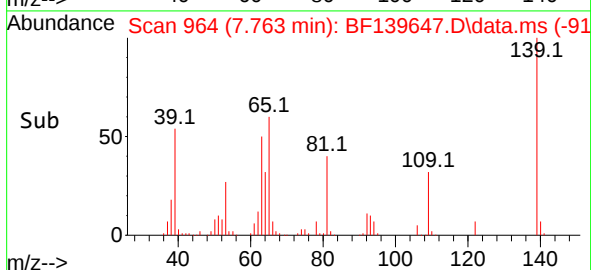
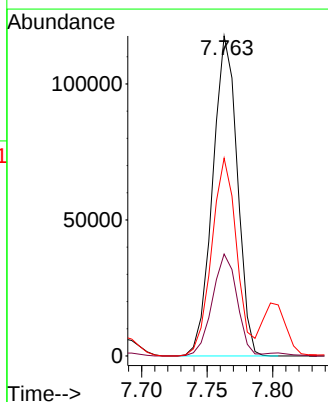
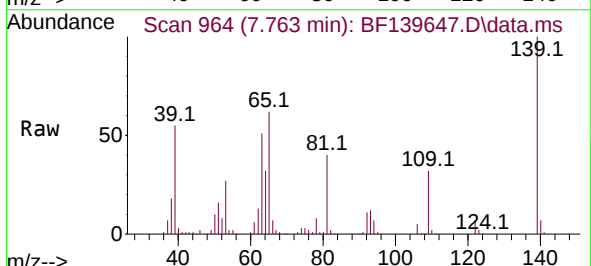
APPROVED

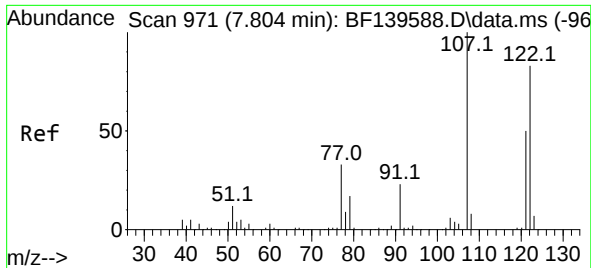
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#26
2-Nitrophenol
Concen: 49.217 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:139 Resp: 153632
Ion Ratio Lower Upper
139 100
109 31.9 24.9 37.3
65 61.8 48.6 72.8





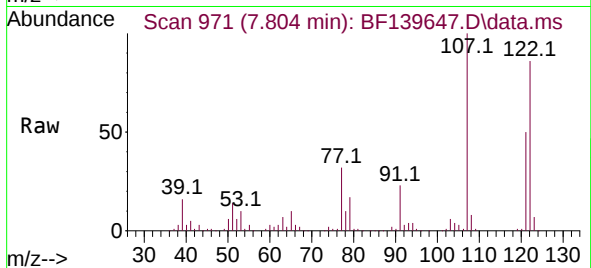
#27
2,4-Dimethylphenol
Concen: 57.651 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

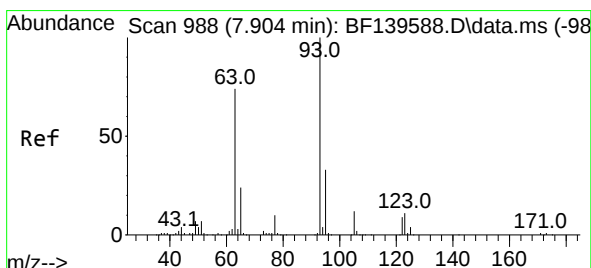
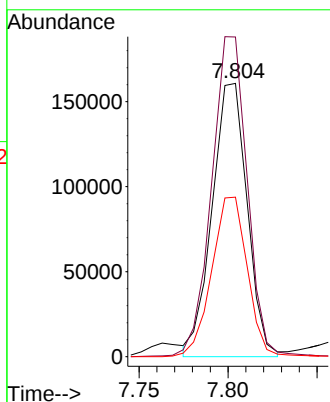
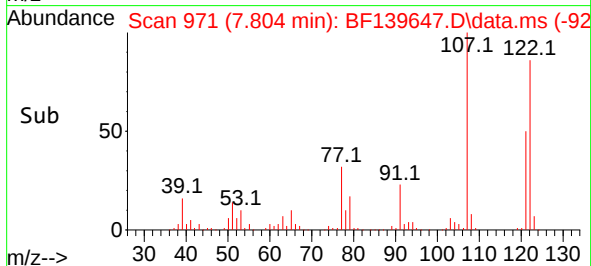


Tgt Ion:122 Resp: 220304
Ion Ratio Lower Upper
122 100
107 117.0 95.4 143.0
121 58.3 47.4 71.2

Manual Integrations

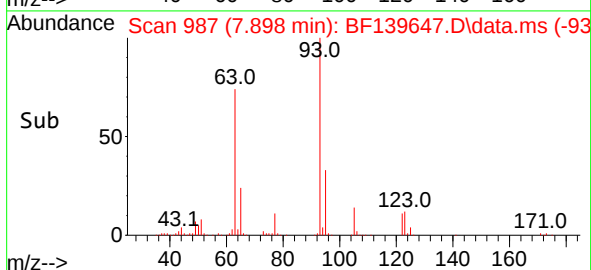
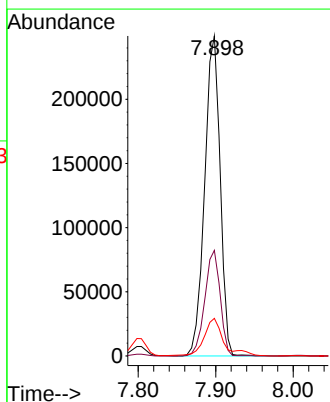
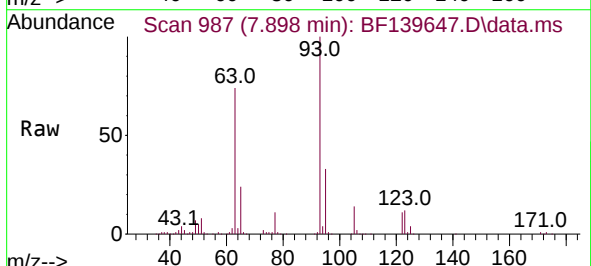
APPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.432 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion: 93 Resp: 345313
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.683 ng

RT: 8.010 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

Tgt Ion:162 Resp: 237672

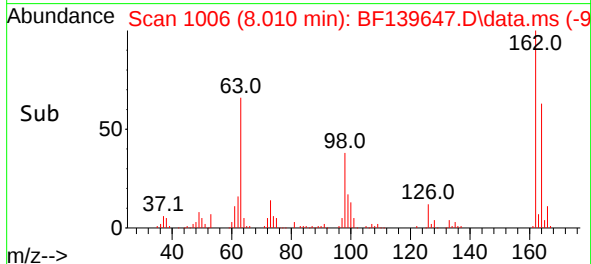
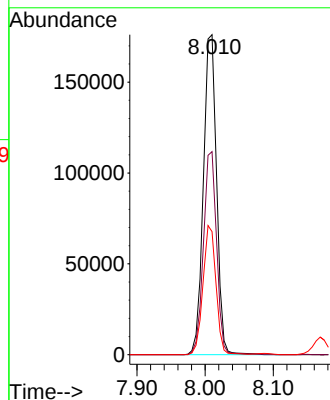
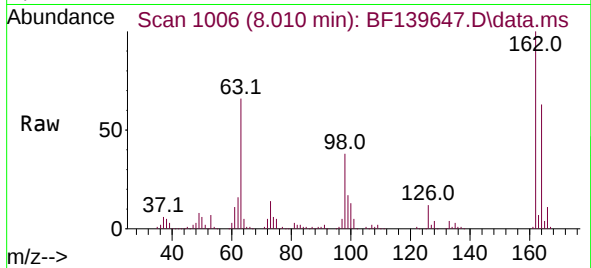
Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.1	83.1
98	38.5	20.8	60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.928 ng

RT: 8.086 min Scan# 1019

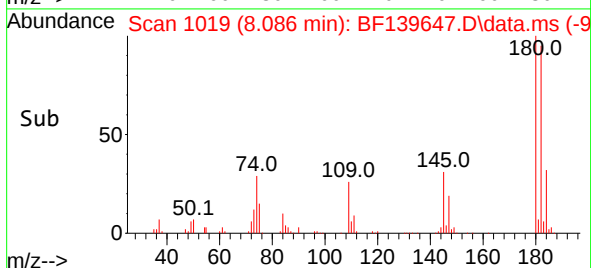
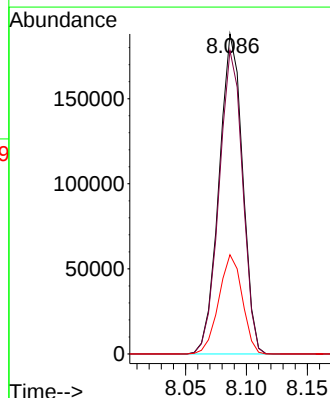
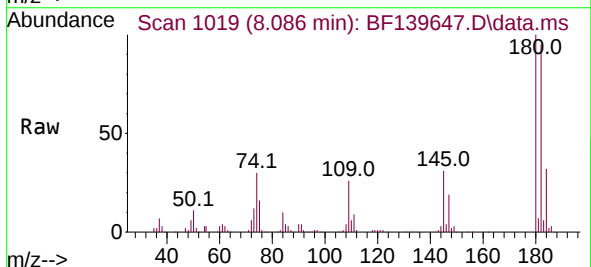
Delta R.T. -0.006 min

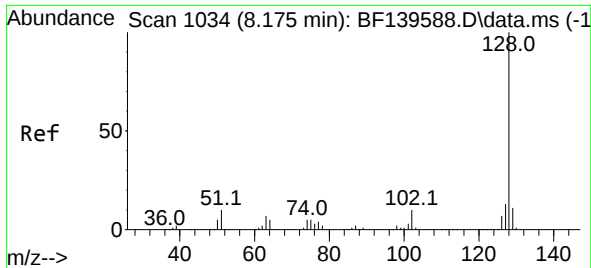
Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Tgt Ion:180 Resp: 253254

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.0	114.0
145	31.0	25.0	37.6





#31
Naphthalene
Concen: 46.676 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

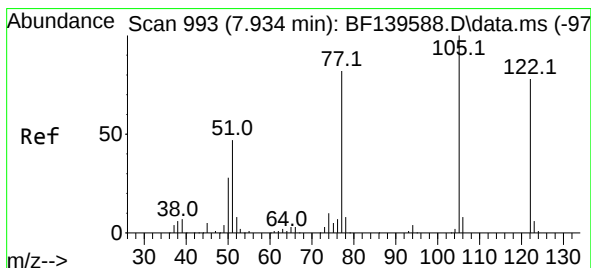
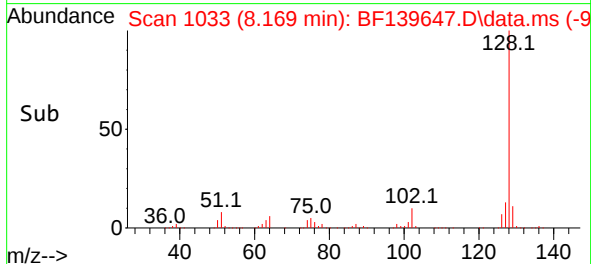
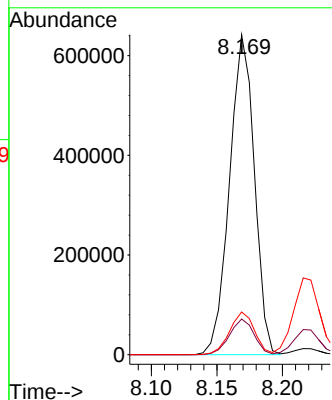
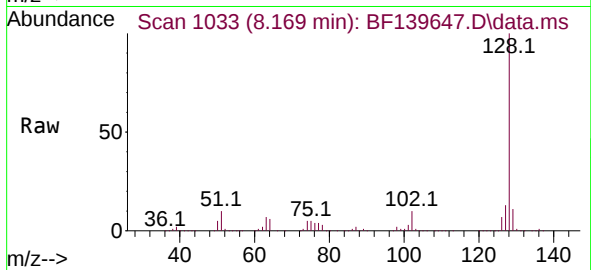
ClientSampleId :

PB163883BS

Tgt Ion:128 Resp: 847269
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.5 15.7

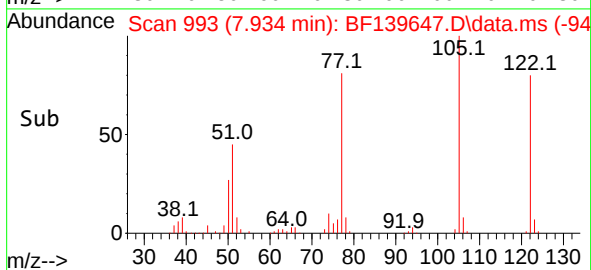
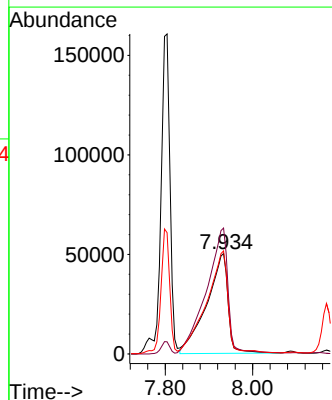
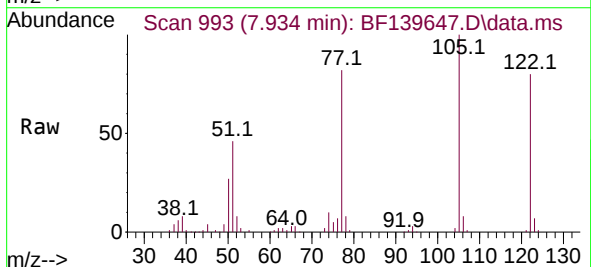
Manual Integrations
APPROVED

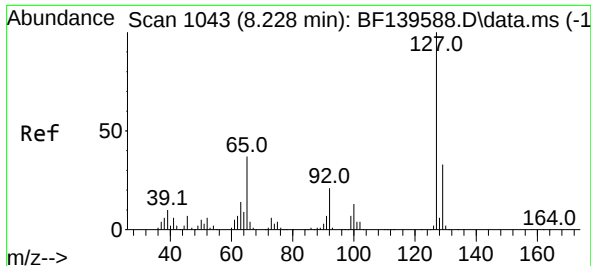
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#32
Benzoic acid
Concen: 44.879 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:122 Resp: 170532
Ion Ratio Lower Upper
122 100
105 125.3 104.9 144.9
77 102.5 82.7 122.7





#33
4-Chloroaniline
Concen: 36.702 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

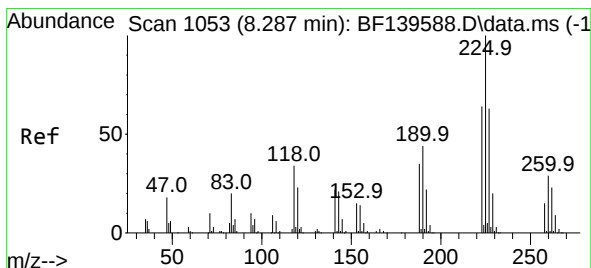
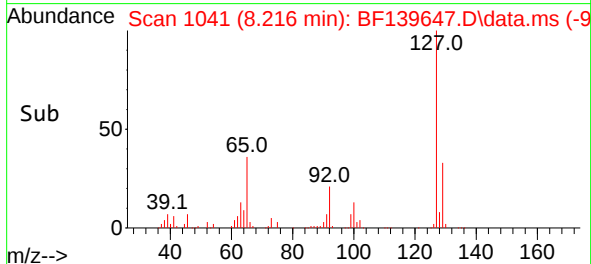
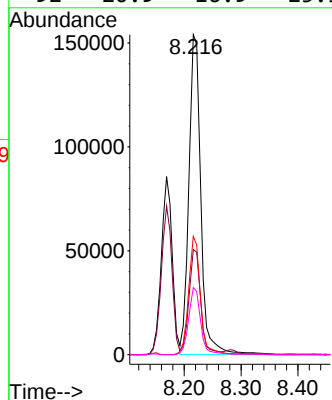
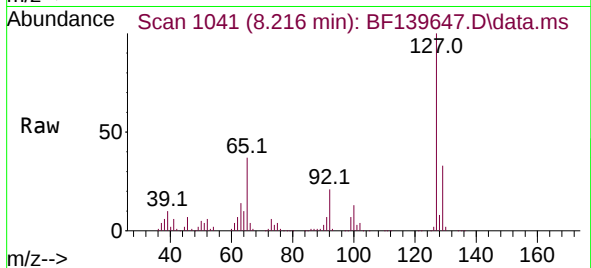
PB163883BS

Tgt Ion:127 Resp: 225508
Ion Ratio Lower Upper
127 100
129 32.9 26.2 39.4
65 37.0 29.3 43.9
92 20.9 16.9 25.3

Manual Integrations

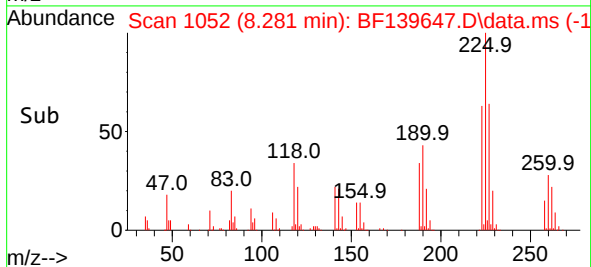
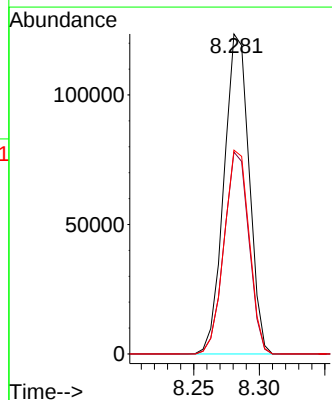
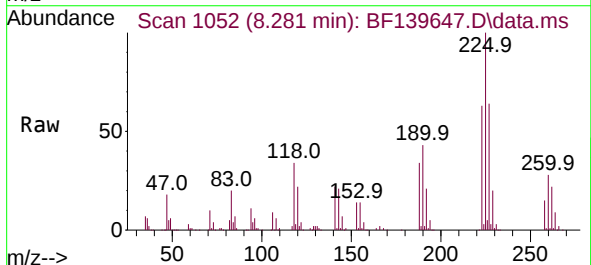
APPROVED

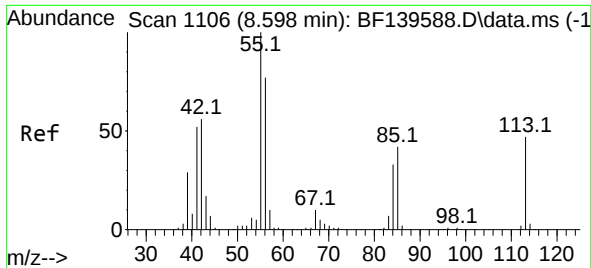
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#34
Hexachlorobutadiene
Concen: 45.095 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:225 Resp: 164497
Ion Ratio Lower Upper
225 100
223 63.1 50.9 76.3
227 63.7 50.7 76.1





#35
Caprolactam
Concen: 47.937 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

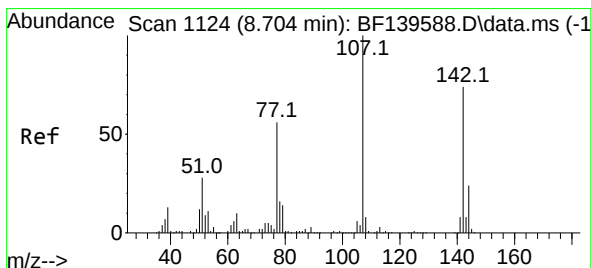
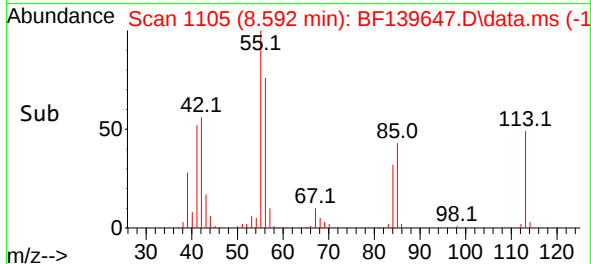
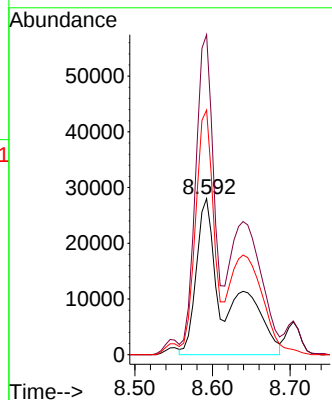
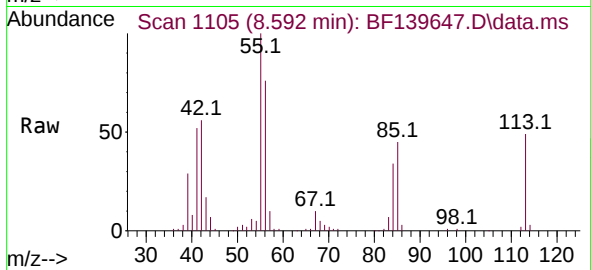
ClientSampleId :

PB163883BS

Tgt Ion:113 Resp: 7836
Ion Ratio Lower Upper
113 100
55 205.1 193.4 233.4
56 156.8 143.8 183.8

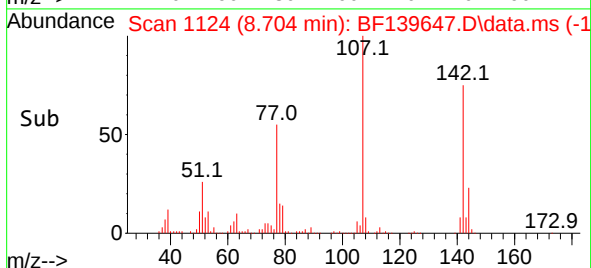
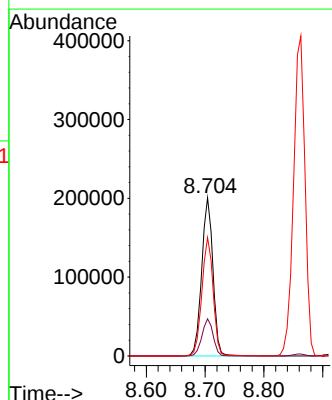
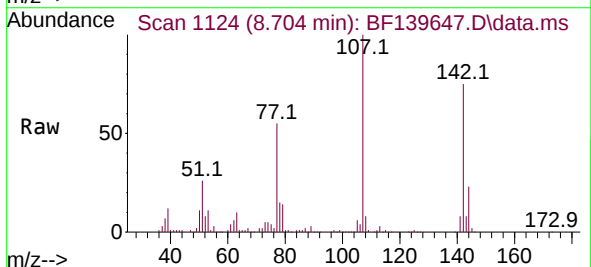
Manual Integrations
APPROVED

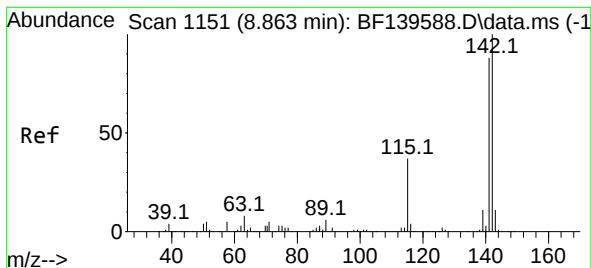
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#36
4-Chloro-3-methylphenol
Concen: 47.422 ng
RT: 8.704 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:107 Resp: 267570
Ion Ratio Lower Upper
107 100
144 23.4 19.0 28.6
142 74.9 59.2 88.8





#37
2-Methylnaphthalene
Concen: 46.295 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

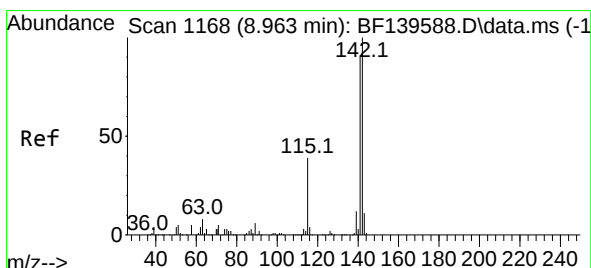
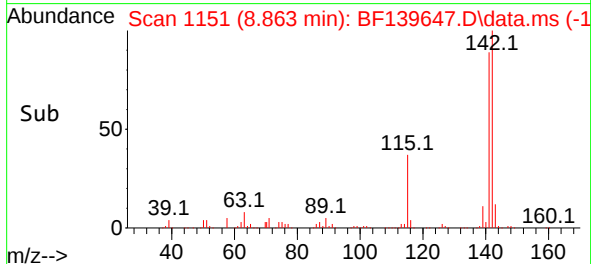
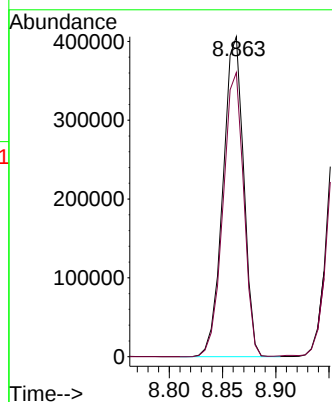
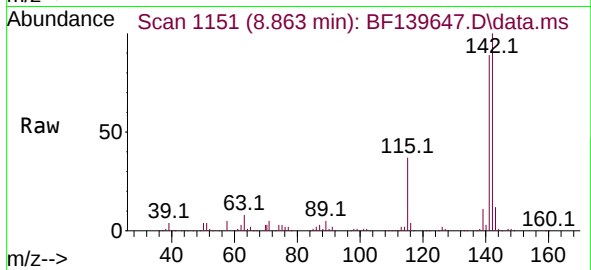
ClientSampleId :

PB163883BS

Tgt Ion:142 Resp: 54731
Ion Ratio Lower Upper
142 100
141 88.8 70.4 105.6

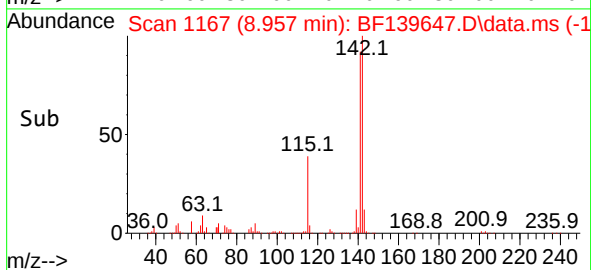
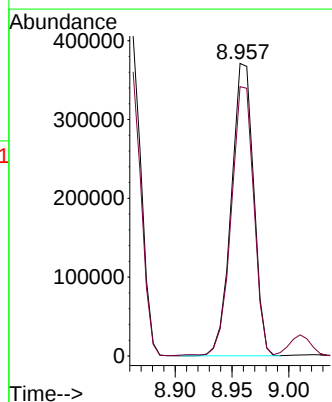
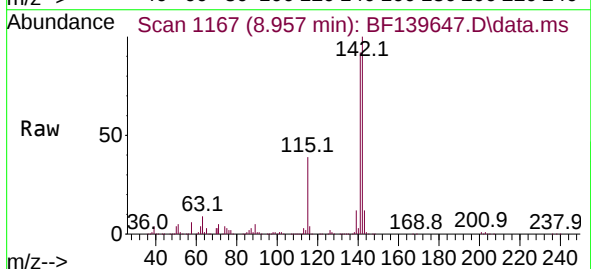
Manual Integrations
APPROVED

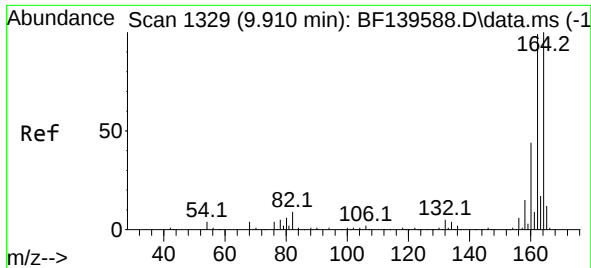
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#38
1-Methylnaphthalene
Concen: 43.973 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:142 Resp: 508147
Ion Ratio Lower Upper
142 100
141 92.1 73.0 109.4





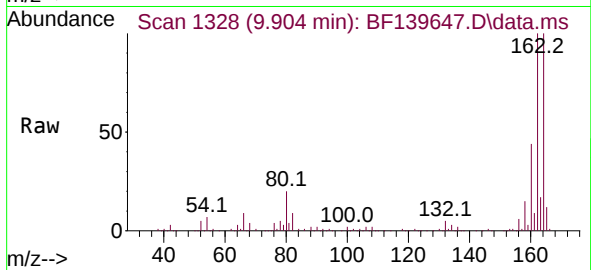
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS



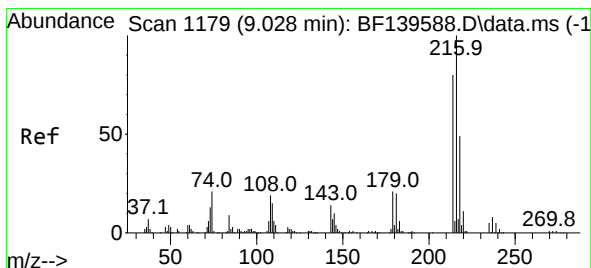
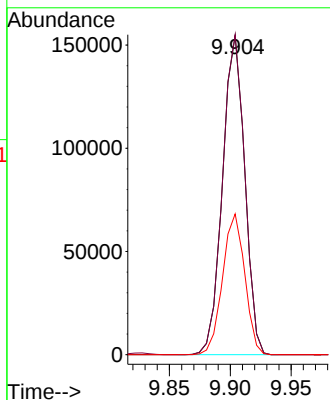
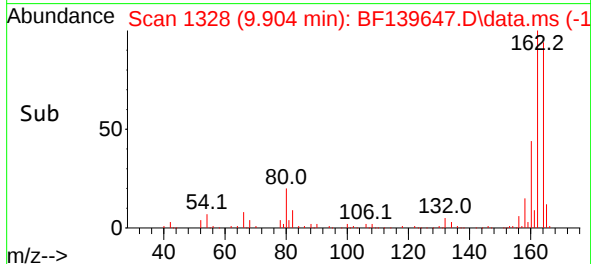
Tgt Ion:164 Resp: 19614
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.0
160 44.2 35.1 52.7

Manual Integrations

APPROVED

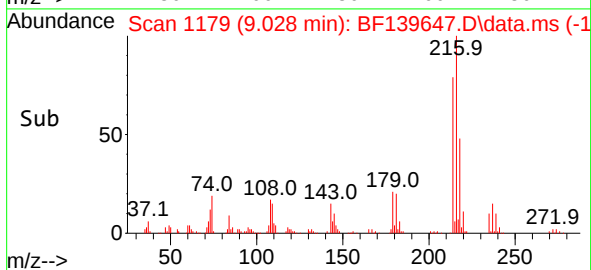
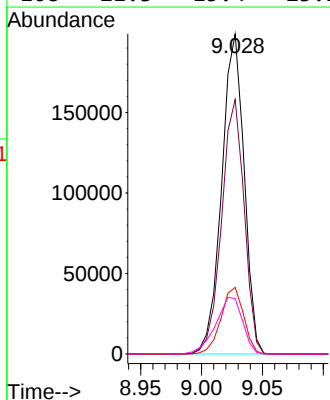
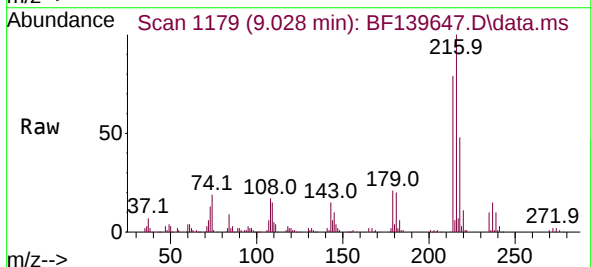
Reviewed By :Yogesh Patel 10/05/2024

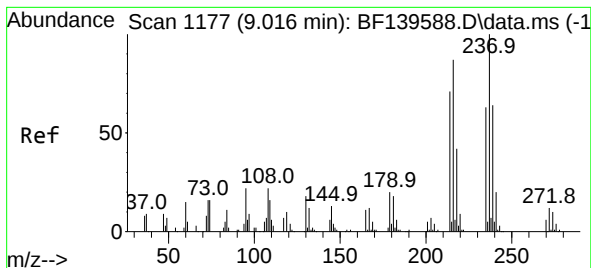
Supervised By :mohammad ahmed 10/07/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.761 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:216 Resp: 254692
Ion Ratio Lower Upper
216 100
214 79.7 63.7 95.5
179 21.1 16.9 25.3
108 21.3 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 173.045 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

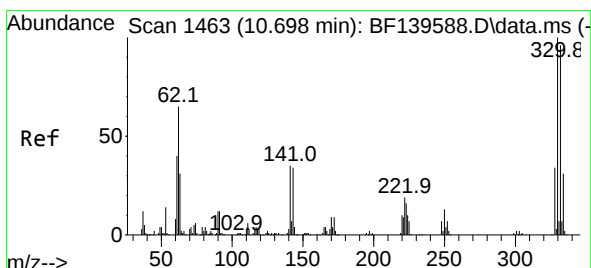
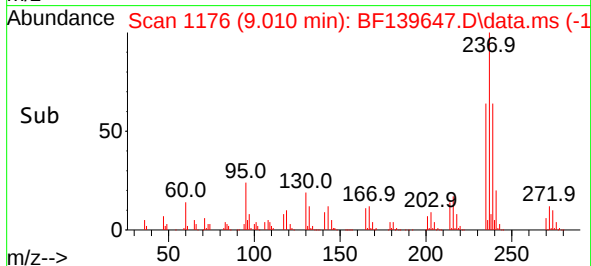
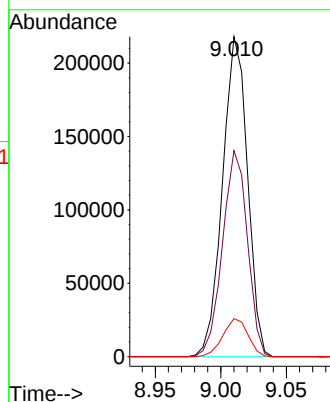
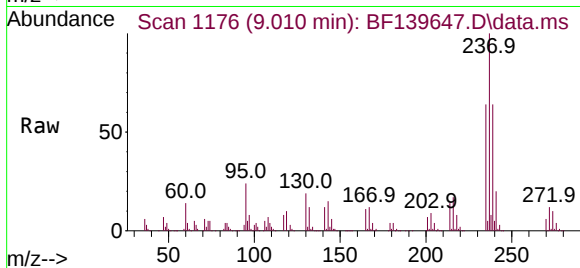
Tgt Ion:	237	Resp:	289004
Ion Ratio	Lower	Upper	
237	100		
235	64.4	42.5	82.5
272	11.9	0.0	32.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#42

2,4,6-Tribromophenol

Concen: 135.117 ng

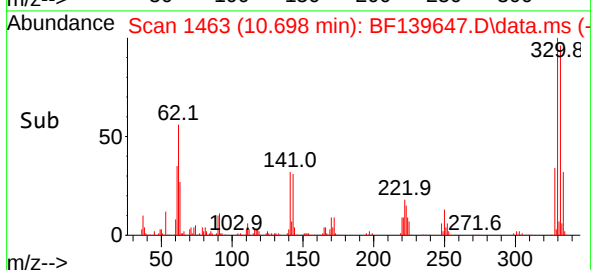
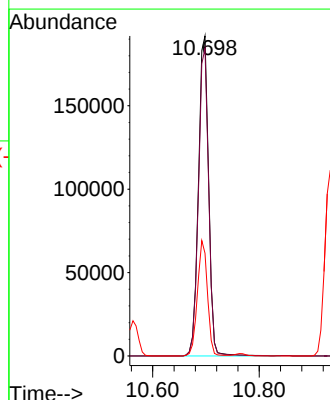
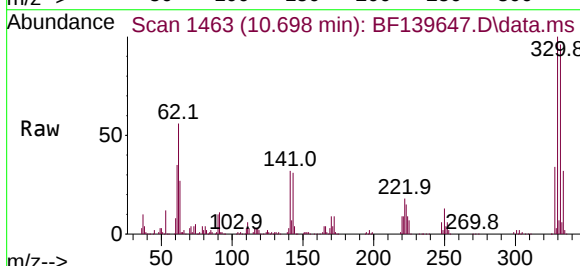
RT: 10.698 min Scan# 1463

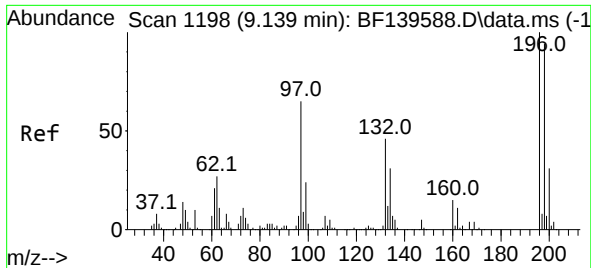
Delta R.T. -0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Tgt Ion:	330	Resp:	255841
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.5	114.7
141	35.4	29.3	43.9





#43
2,4,6-Trichlorophenol
Concen: 48.223 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

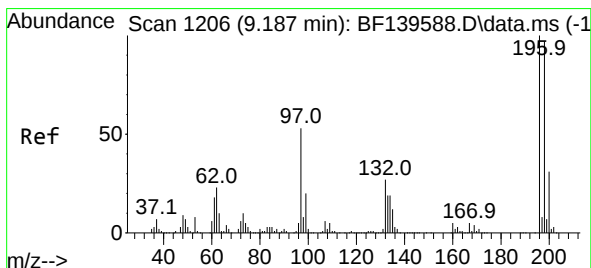
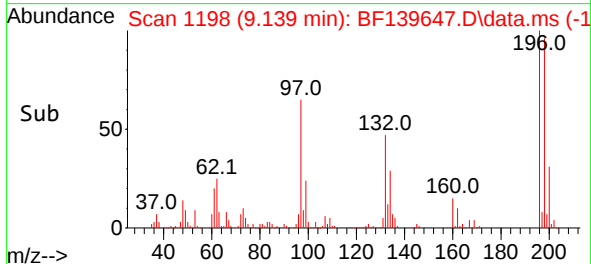
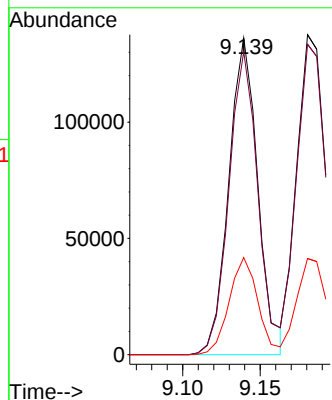
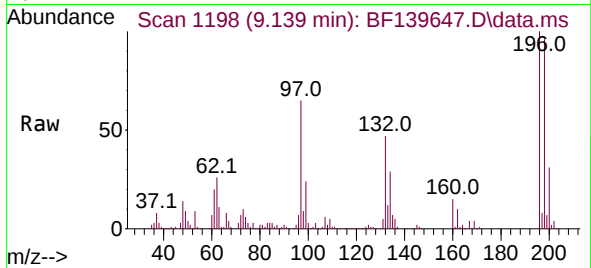
PB163883BS

Tgt Ion:196 Resp: 177064
Ion Ratio Lower Upper
196 100
198 95.7 75.2 112.8
200 30.7 24.6 37.0

Manual Integrations

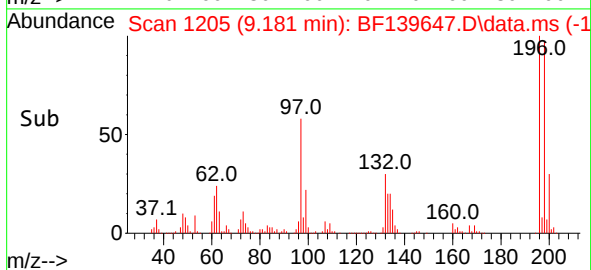
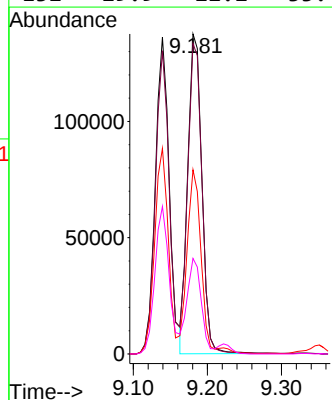
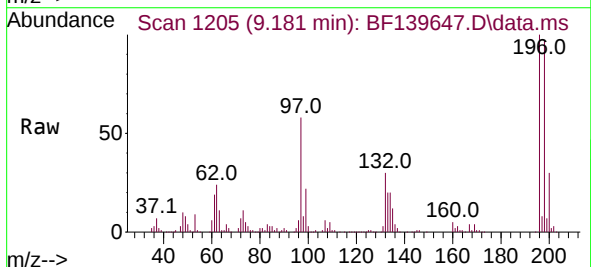
APPROVED

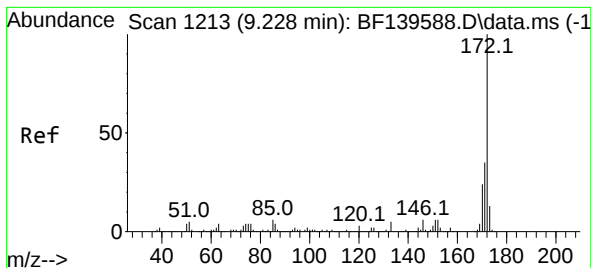
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#44
2,4,5-Trichlorophenol
Concen: 46.070 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:196 Resp: 182426
Ion Ratio Lower Upper
196 100
198 97.0 77.5 116.3
97 57.6 43.1 64.7
132 29.9 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 90.393 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

Tgt Ion:172 Resp: 1154929

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.4

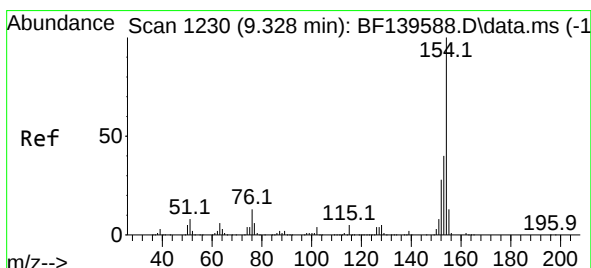
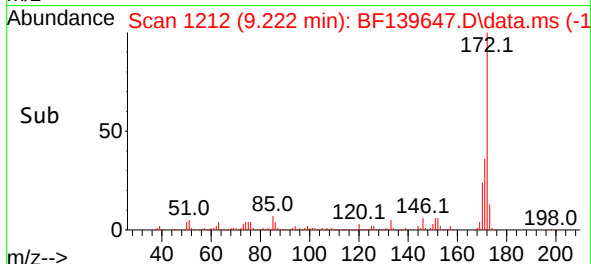
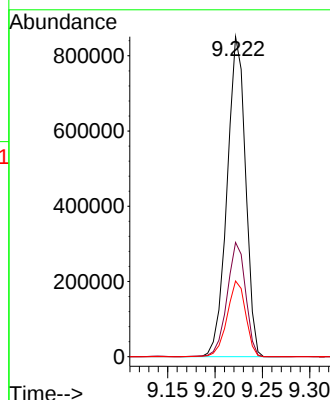
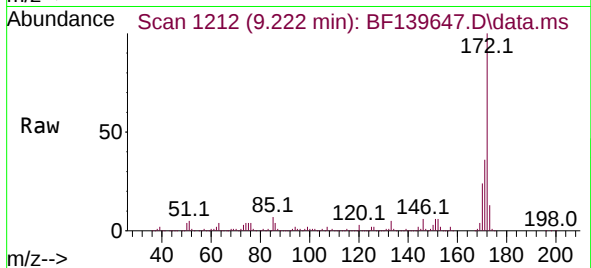
170 23.7 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#46

1,1'-Biphenyl

Concen: 46.435 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

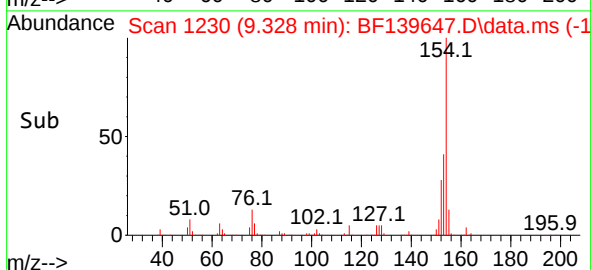
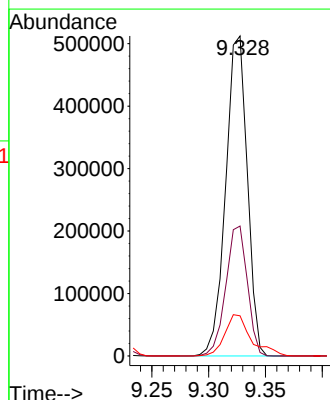
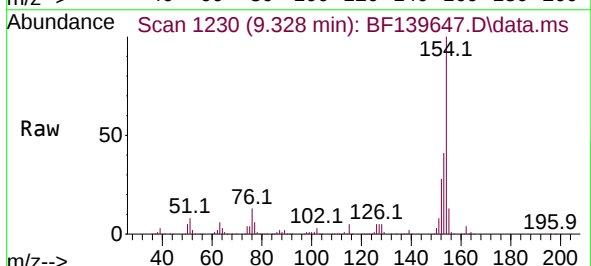
Tgt Ion:154 Resp: 677435

Ion Ratio Lower Upper

154 100

153 40.6 20.1 60.1

76 12.6 0.0 32.6





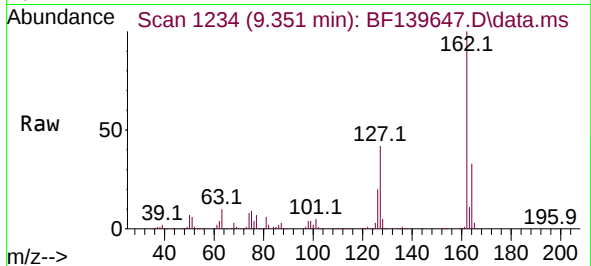
#47
2-Chloronaphthalene
Concen: 46.919 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS



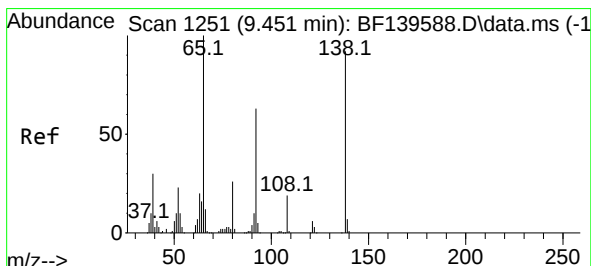
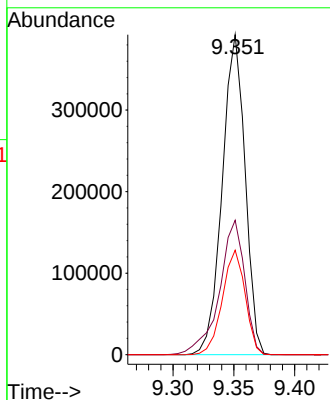
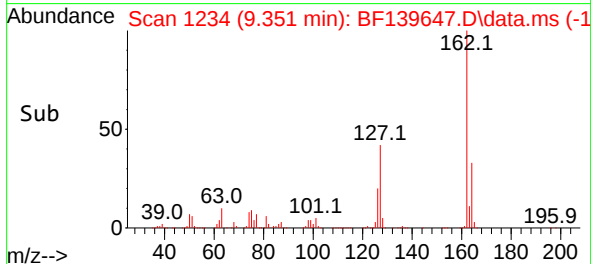
Tgt Ion:162 Resp: 51314
Ion Ratio Lower Upper
162 100
127 42.0 35.0 52.4
164 32.7 26.1 39.1

Manual Integrations

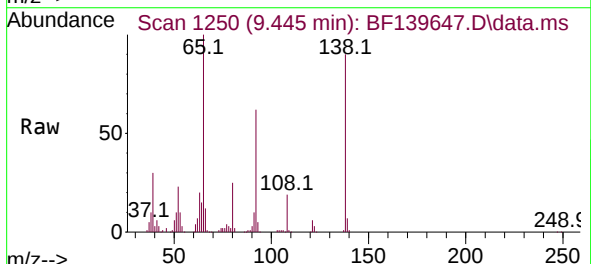
APPROVED

Reviewed By :Yogesh Patel 10/05/2024

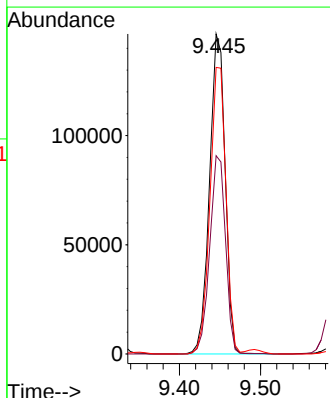
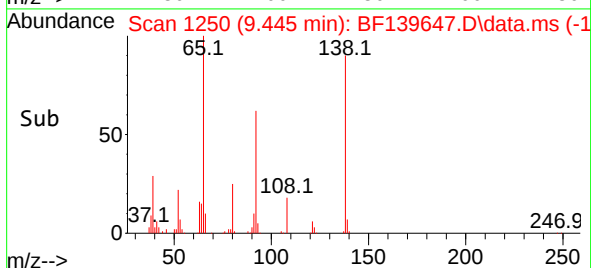
Supervised By :mohammad ahmed 10/07/2024



#48
2-Nitroaniline
Concen: 49.901 ng
RT: 9.445 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24



Tgt Ion: 65 Resp: 195912
Ion Ratio Lower Upper
65 100
92 62.0 50.0 75.0
138 89.6 73.8 110.8





#49

Acenaphthylene

Concen: 50.499 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139647.D

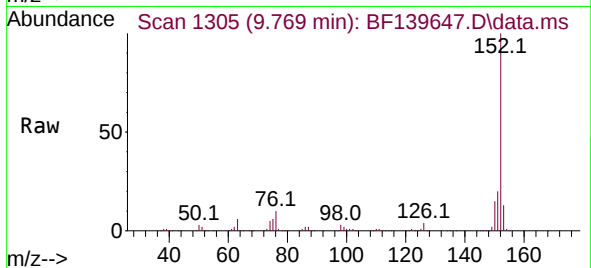
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS



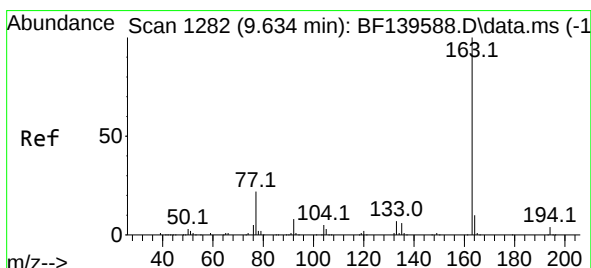
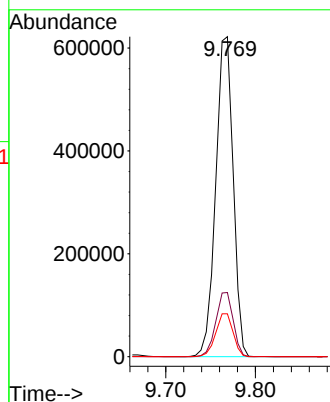
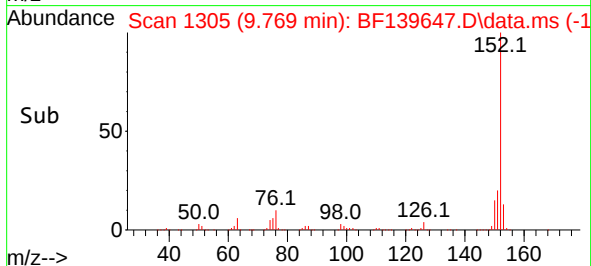
Tgt Ion:152	Resp:	83992
Ion Ratio	Lower	Upper
152	100	
151	20.1	16.0 24.0
153	13.4	10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#50

Dimethylphthalate

Concen: 48.881 ng

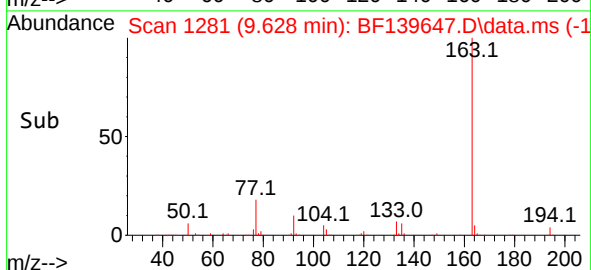
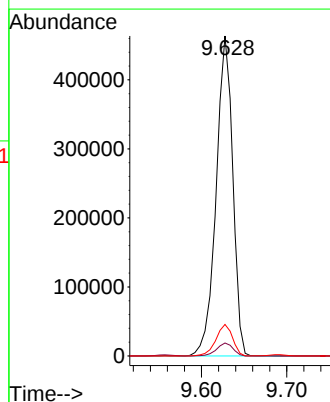
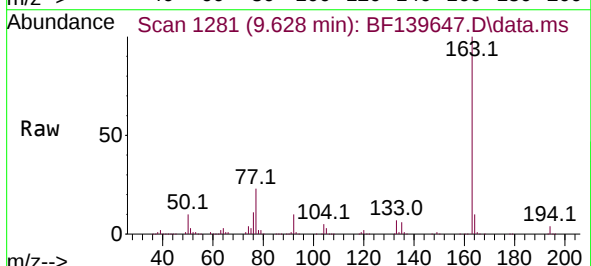
RT: 9.628 min Scan# 1281

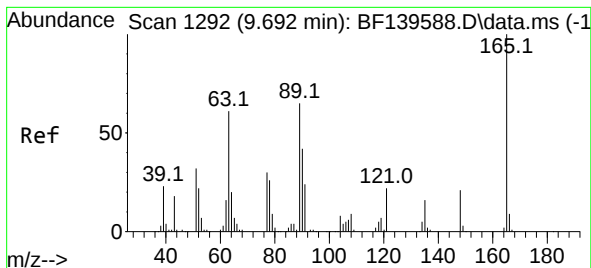
Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Tgt Ion:163	Resp:	627630
Ion Ratio	Lower	Upper
163	100	
194	4.1	3.4 5.0
164	9.8	8.1 12.1





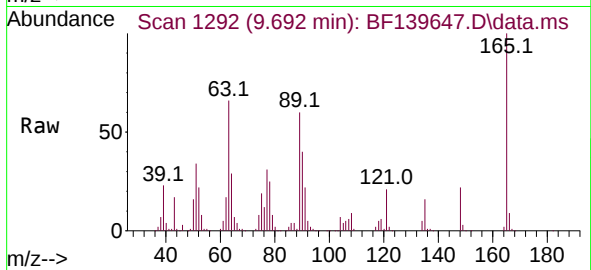
#51
2,6-Dinitrotoluene
Concen: 46.831 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

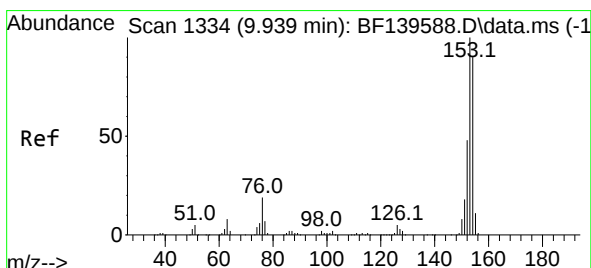
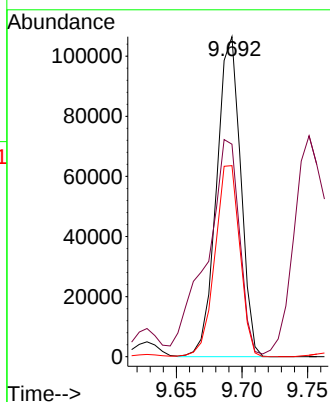
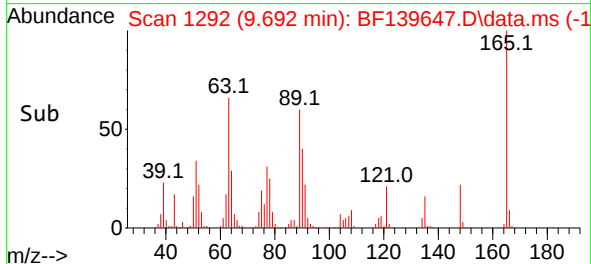
PB163883BS



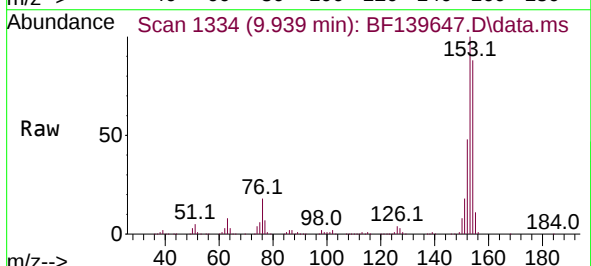
Tgt Ion:165 Resp: 135833
Ion Ratio Lower Upper
165 100
63 66.4 56.7 85.1
89 59.7 51.6 77.4

Manual Integrations
APPROVED

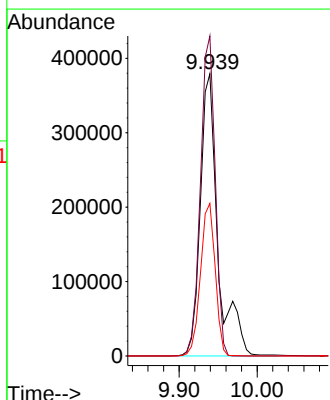
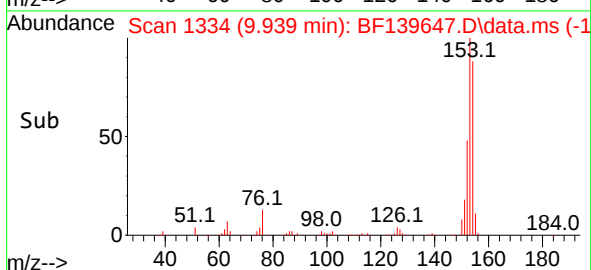
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024

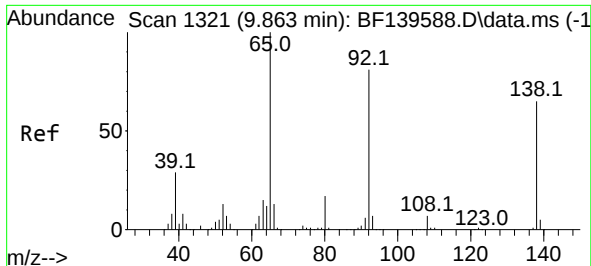


#52
Acenaphthene
Concen: 52.266 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24



Tgt Ion:154 Resp: 596786
Ion Ratio Lower Upper
154 100
153 113.4 88.8 133.2
152 54.0 42.5 63.7





#53
3-Nitroaniline
Concen: 38.969 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

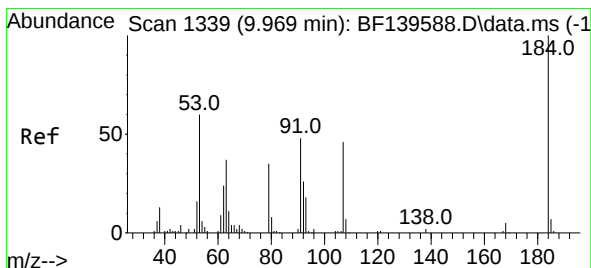
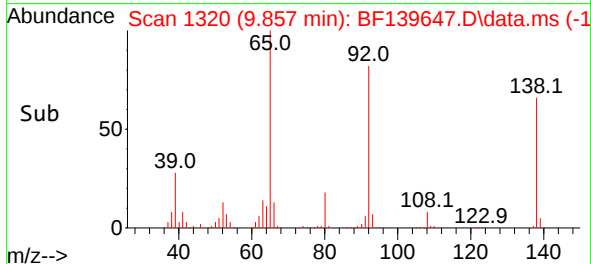
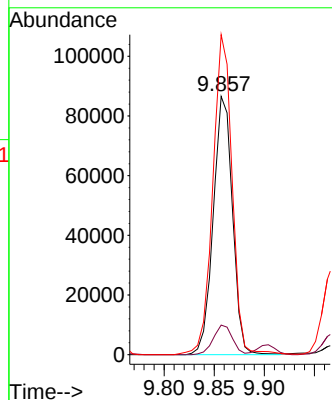
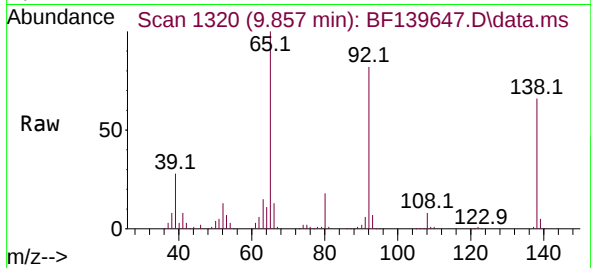
ClientSampleId :

PB163883BS

Tgt Ion:138 Resp: 115500
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 123.9 100.0 150.0

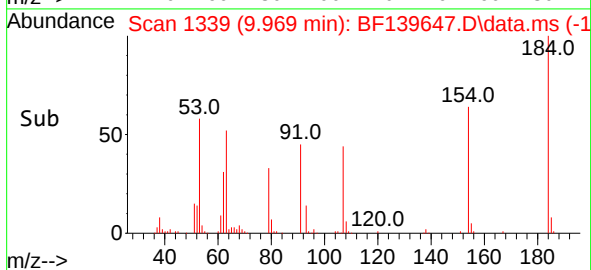
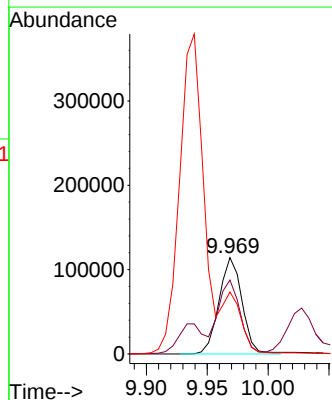
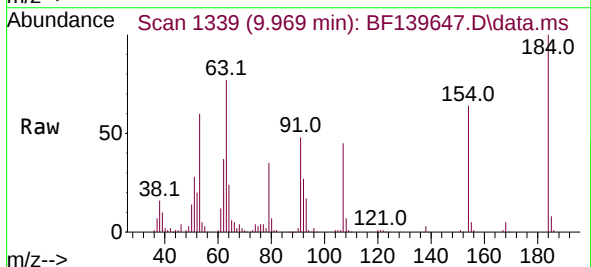
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#54
2,4-Dinitrophenol
Concen: 96.282 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:184 Resp: 150207
Ion Ratio Lower Upper
184 100
63 76.8 61.7 92.5
154 64.3 53.0 79.4





#55
Dibenzenofuran
Concen: 47.861 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

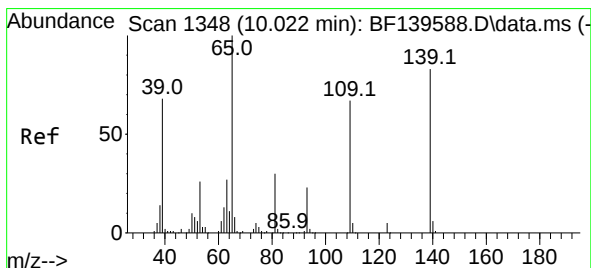
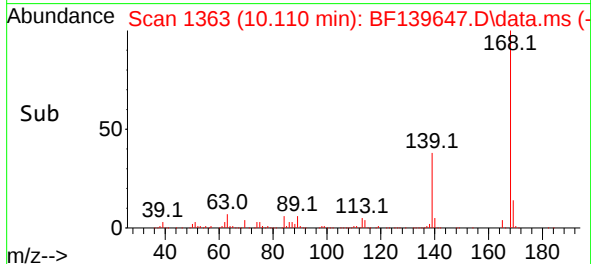
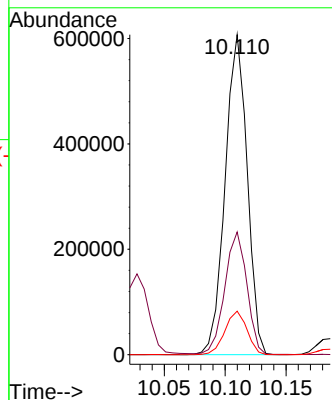
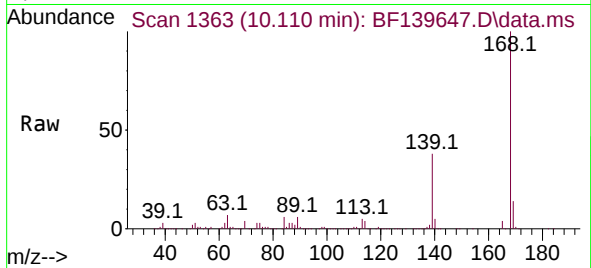
PB163883BS

Tgt Ion:168 Resp: 765149
Ion Ratio Lower Upper
168 100
139 38.4 30.4 45.6
169 13.6 10.7 16.1

Manual Integrations

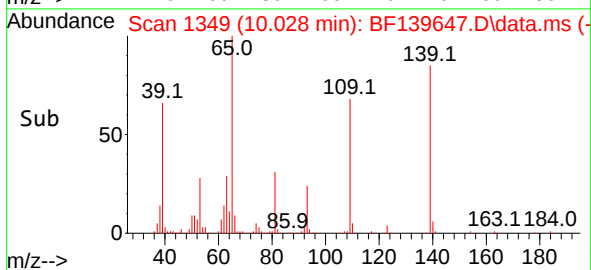
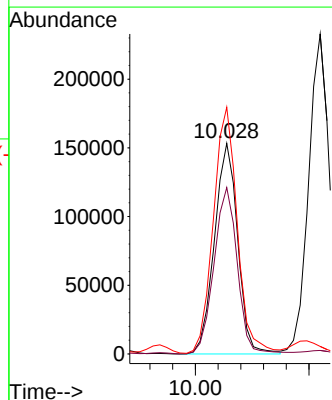
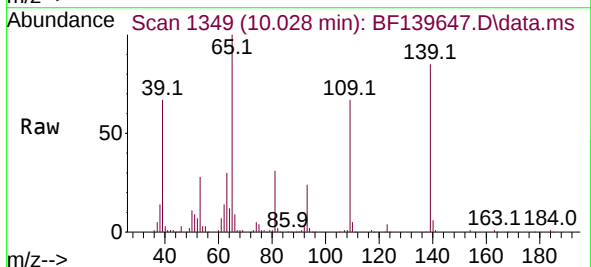
APPROVED

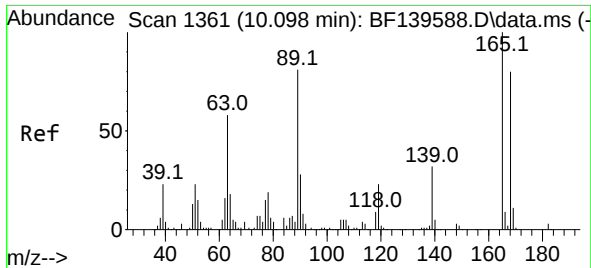
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#56
4-Nitrophenol
Concen: 96.561 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:139 Resp: 218261
Ion Ratio Lower Upper
139 100
109 79.0 60.3 100.3
65 117.1 100.8 140.8





#57
2,4-Dinitrotoluene
Concen: 48.656 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

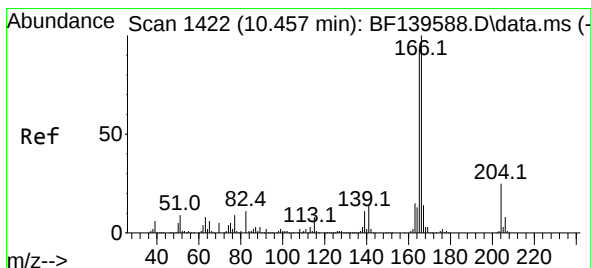
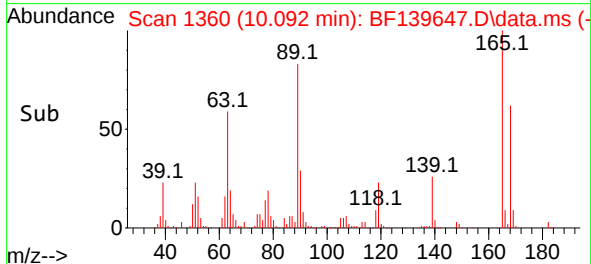
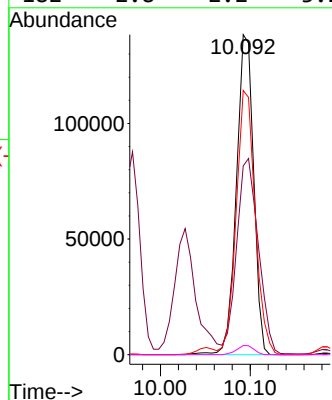
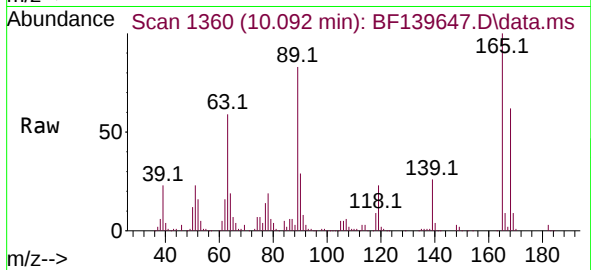
ClientSampleId :

PB163883BS

Tgt Ion:165 Resp: 18446
Ion Ratio Lower Upper
165 100
63 59.0 46.9 70.3
89 82.5 64.4 96.6
182 2.8 2.2 3.2

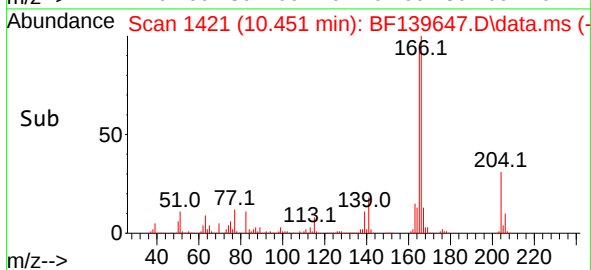
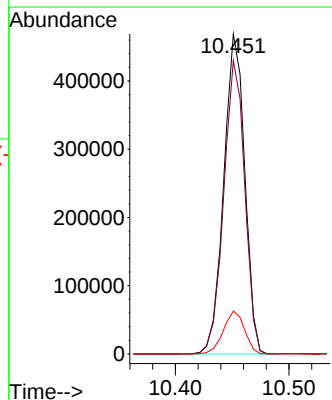
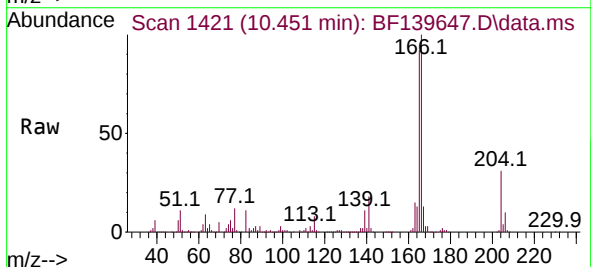
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#58
Fluorene
Concen: 47.313 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

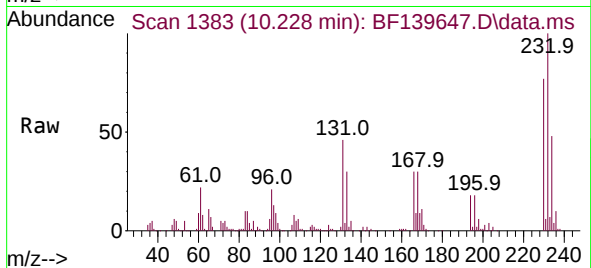
Tgt Ion:166 Resp: 602449
Ion Ratio Lower Upper
166 100
165 91.6 74.4 111.6
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.236 ng
RT: 10.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

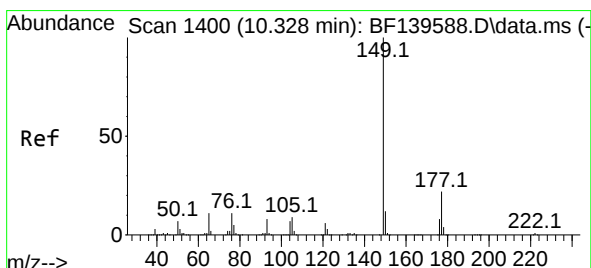
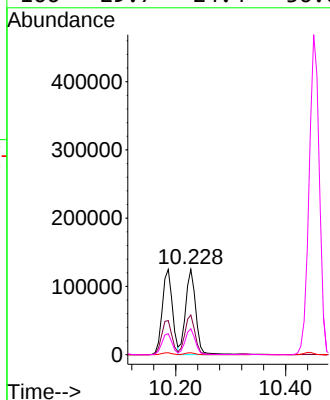
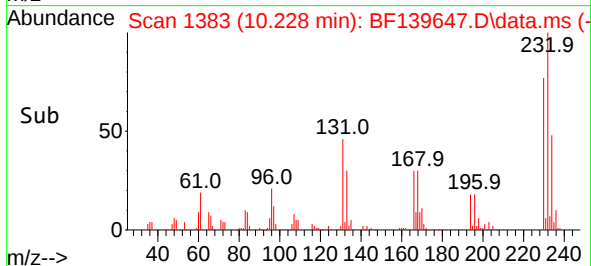
Instrument :
BNA_F
ClientSampleId :
PB163883BS



Tgt Ion:232 Resp: 160664
Ion Ratio Lower Upper
232 100
131 46.5 37.8 56.6
130 2.3 1.9 2.9
166 29.7 24.4 36.6

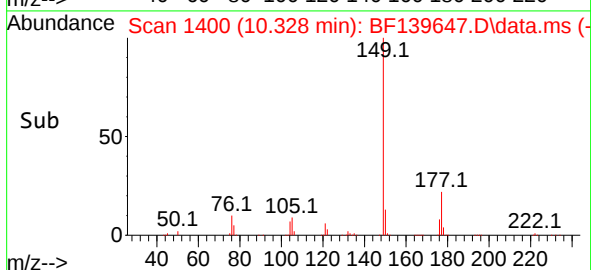
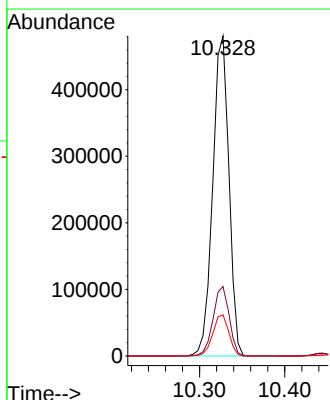
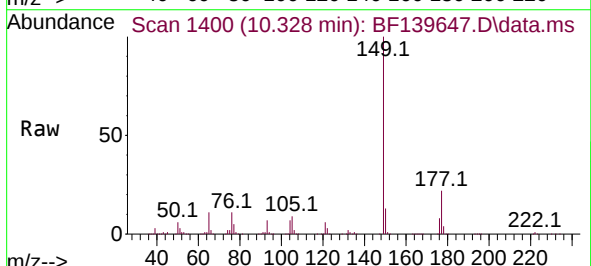
Manual Integrations
APPROVED

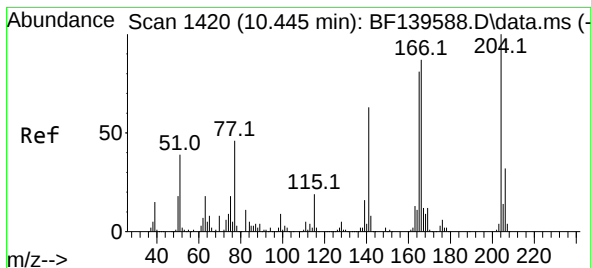
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#60
Diethylphthalate
Concen: 47.729 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

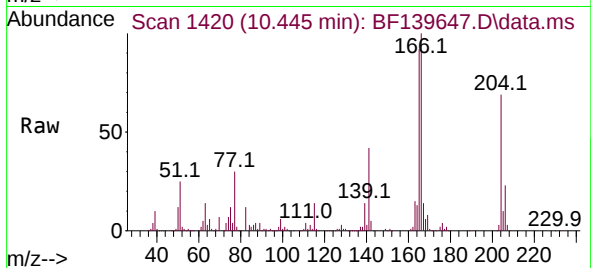
Tgt Ion:149 Resp: 632997
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.0
150 12.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.866 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

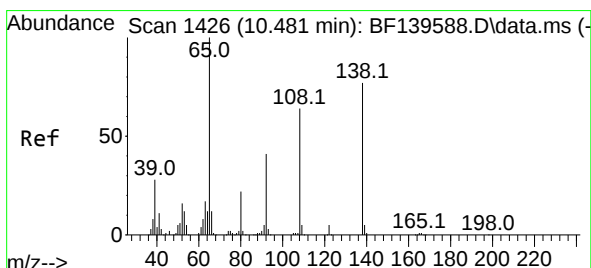
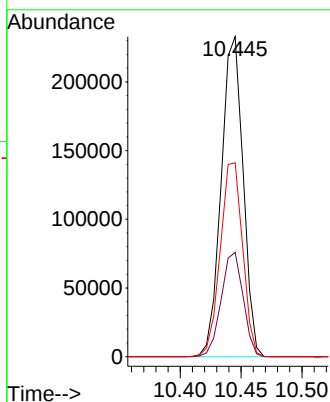
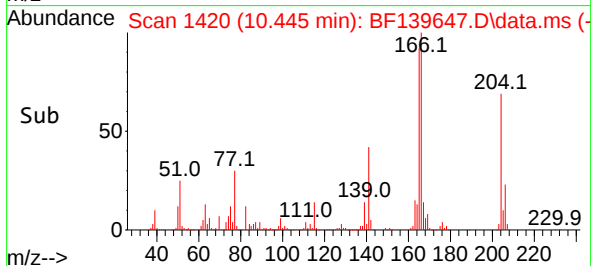
Instrument :
BNA_F
ClientSampleId :
PB163883BS



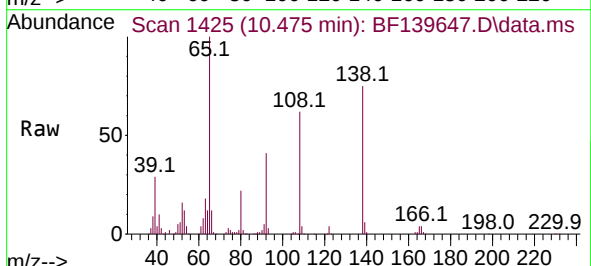
Tgt Ion:204 Resp: 29218
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 60.6 50.5 75.7

Manual Integrations
APPROVED

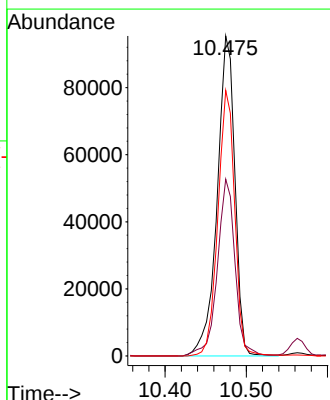
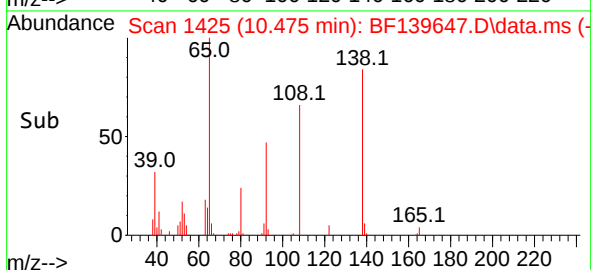
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024

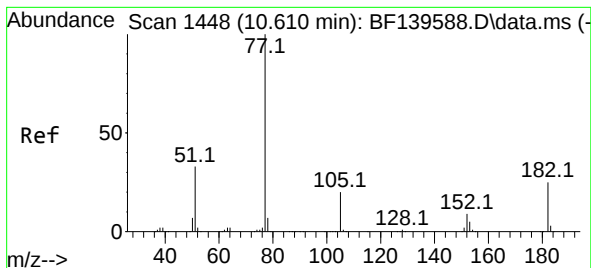


#62
4-Nitroaniline
Concen: 47.889 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24



Tgt Ion:138 Resp: 145193
Ion Ratio Lower Upper
138 100
92 55.2 33.3 73.3
108 83.0 62.1 102.1





#63

Azobenzene

Concen: 47.463 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF139647.D

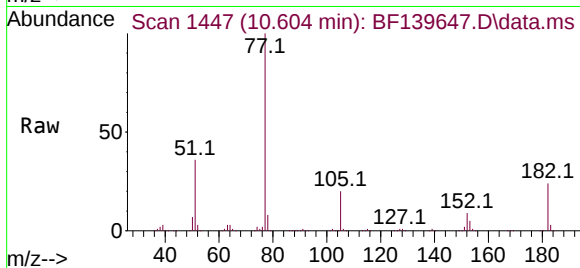
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS



Tgt Ion: 77 Resp: 63303

Ion Ratio Lower Upper

77 100

182 23.8 4.2 44.2

105 19.9 0.0 39.6

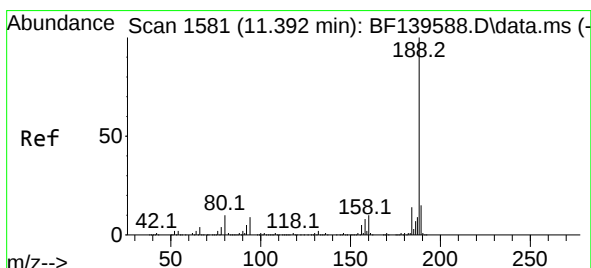
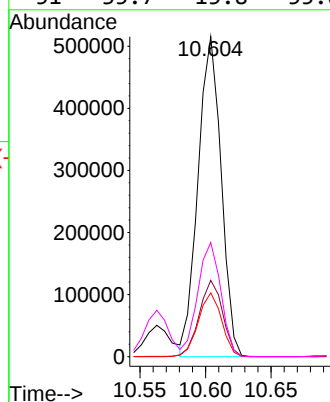
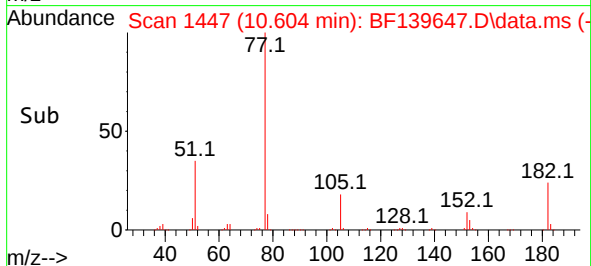
51 35.7 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

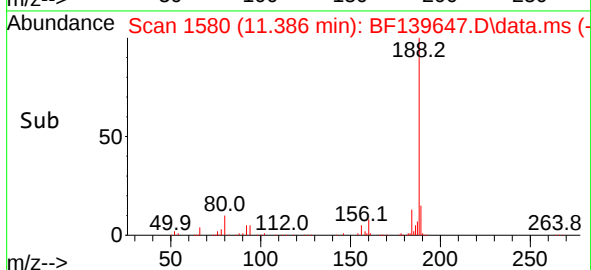
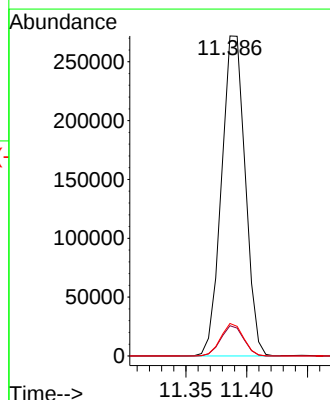
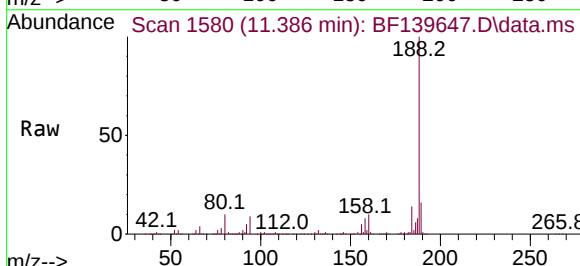
Tgt Ion:188 Resp: 367991

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.1 8.2 12.2





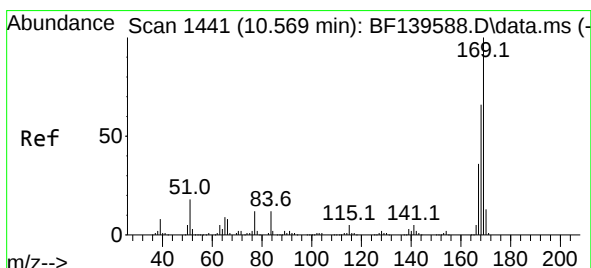
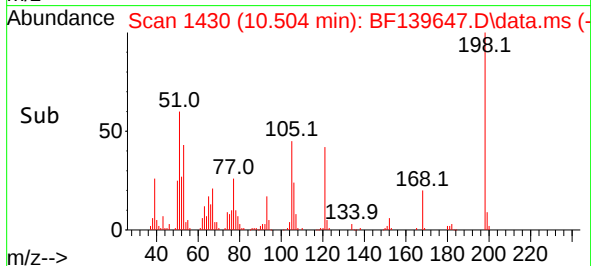
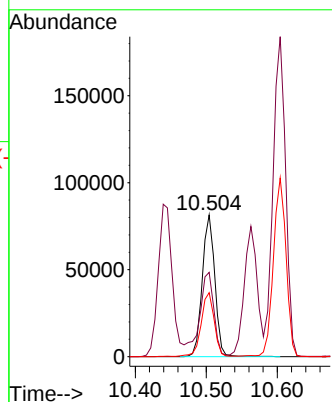
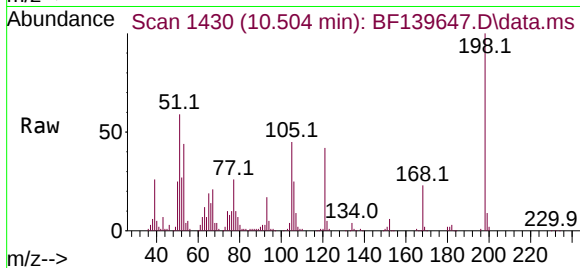
#65
4,6-Dinitro-2-methylphenol
Concen: 48.383 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :
BNA_F
ClientSampleId :
PB163883BS

Tgt Ion:198 Resp: 10055
Ion Ratio Lower Upper
198 100
51 59.4 43.0 83.0
105 45.1 26.6 66.6

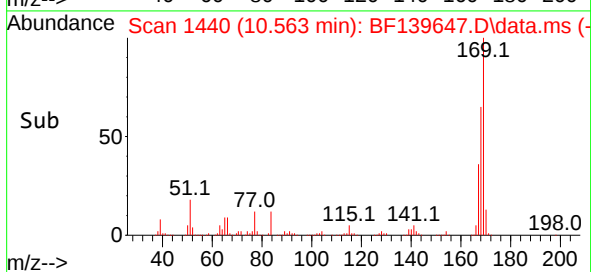
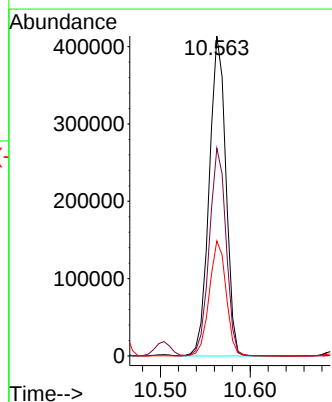
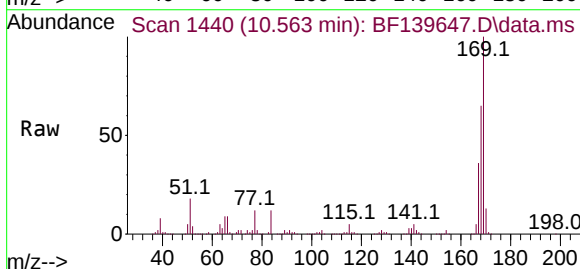
Manual Integrations
APPROVED

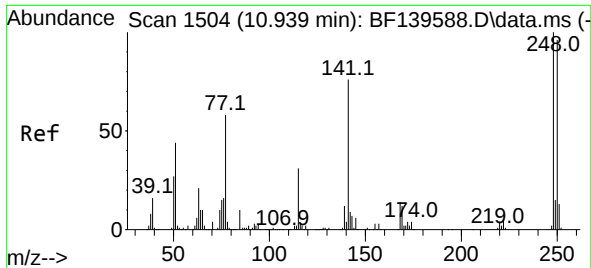
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#66
n-Nitrosodiphenylamine
Concen: 49.008 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:169 Resp: 531590
Ion Ratio Lower Upper
169 100
168 64.9 53.2 79.8
167 36.0 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 46.965 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

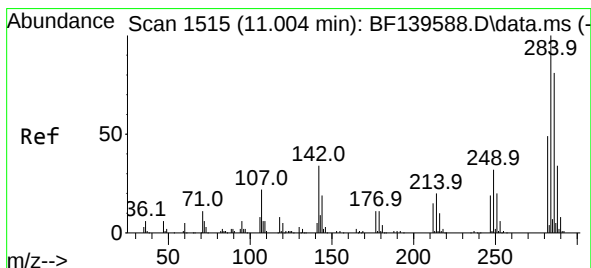
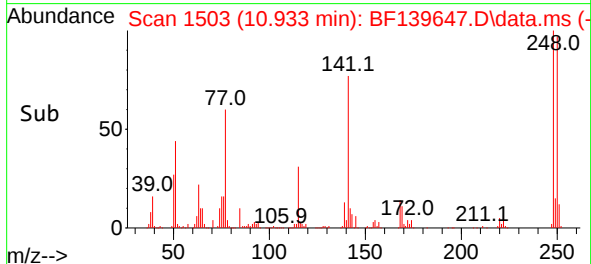
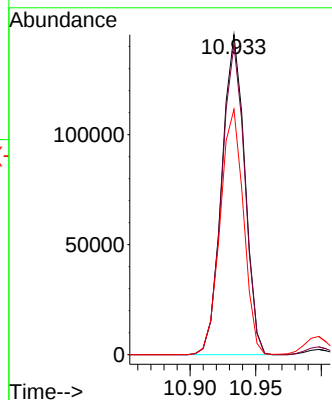
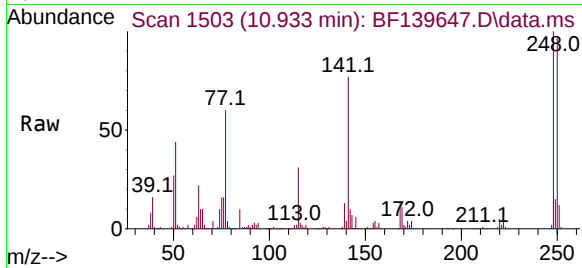
PB163883BS

Tgt Ion:248 Resp: 17720
Ion Ratio Lower Upper
248 100
250 96.8 77.1 115.7
141 76.7 60.4 90.6

Manual Integrations

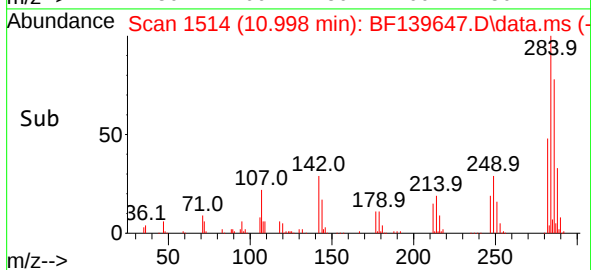
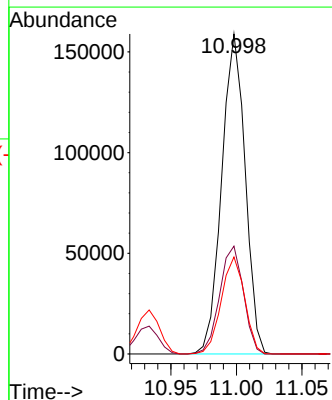
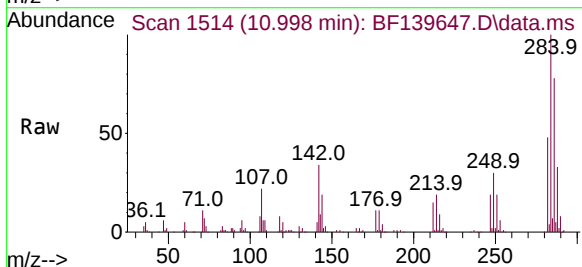
APPROVED

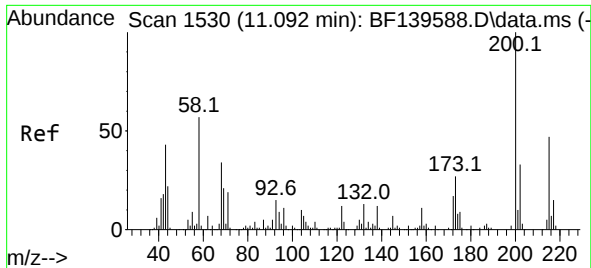
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#68
Hexachlorobenzene
Concen: 47.183 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

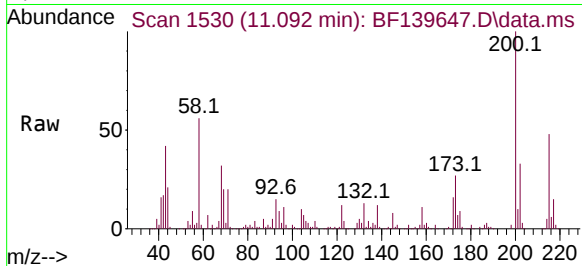
Tgt Ion:284 Resp: 197543
Ion Ratio Lower Upper
284 100
142 33.7 26.9 40.3
249 30.3 25.4 38.0





#69
 Atrazine
 Concen: 60.822 ng
 RT: 11.092 min Scan# 1530
 Delta R.T. 0.000 min
 Lab File: BF139647.D
 Acq: 04 Oct 2024 10:24

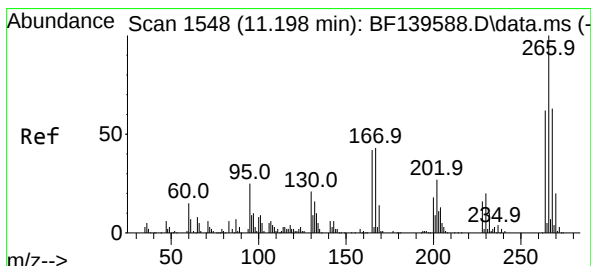
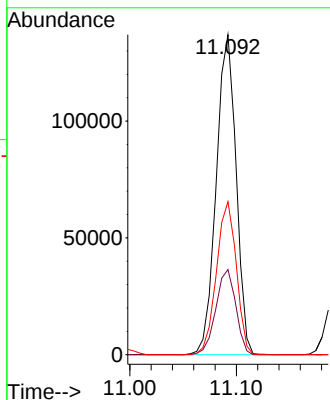
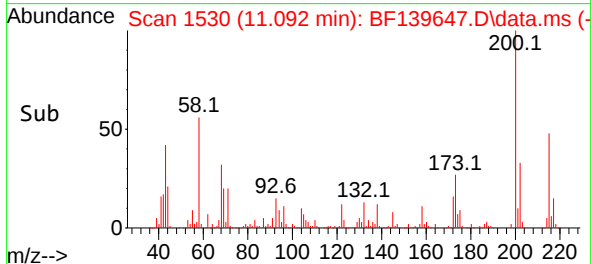
Instrument :
 BNA_F
 ClientSampleId :
 PB163883BS



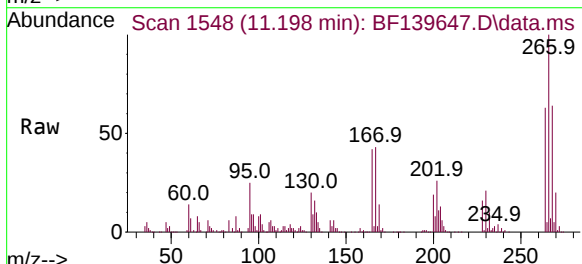
Tgt Ion:200 Resp: 177009
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.7 46.7
 215 47.8 27.5 67.5

Manual Integrations
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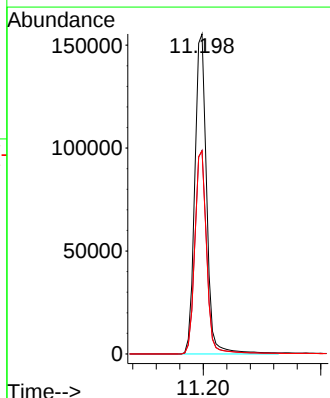
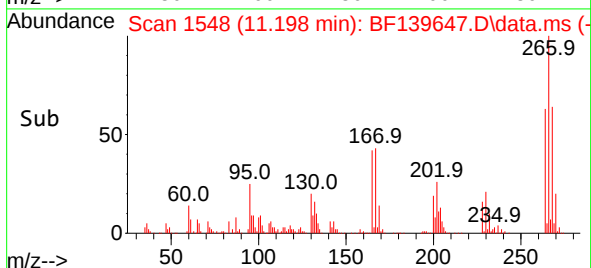
Reviewed By :Yogesh Patel 10/05/2024
 Supervised By :mohammad ahmed 10/07/2024

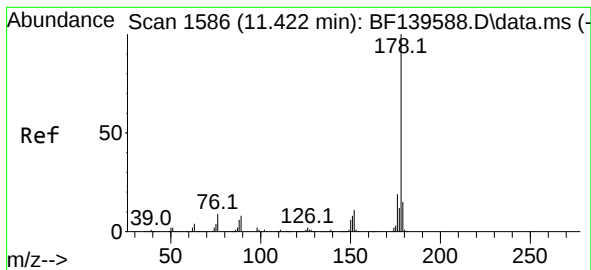


#70
 Pentachlorophenol
 Concen: 87.187 ng
 RT: 11.198 min Scan# 1548
 Delta R.T. -0.000 min
 Lab File: BF139647.D
 Acq: 04 Oct 2024 10:24



Tgt Ion:266 Resp: 217355
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.0 75.0
 264 63.4 49.3 73.9





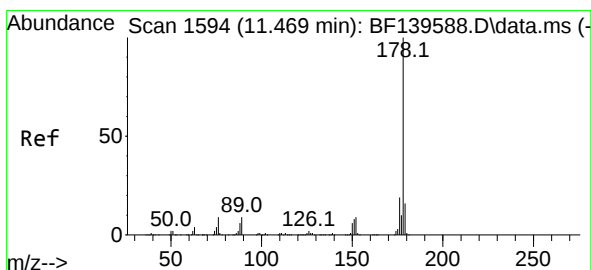
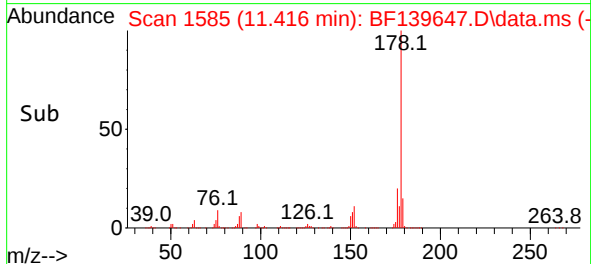
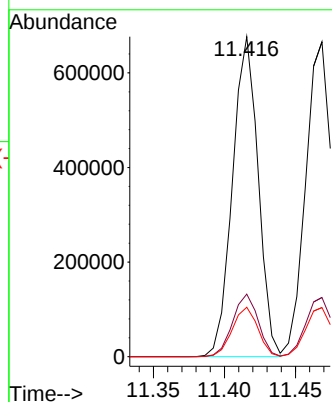
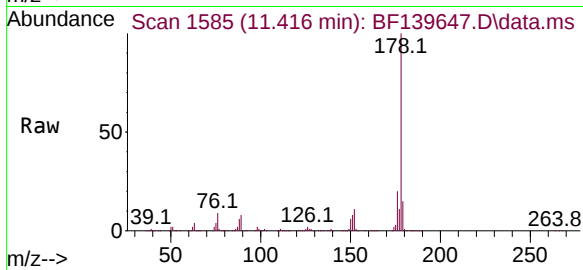
#71
Phenanthrene
Concen: 48.950 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :
BNA_F
ClientSampleId :
PB163883BS

Tgt Ion:178 Resp: 849333
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.4 12.3 18.5

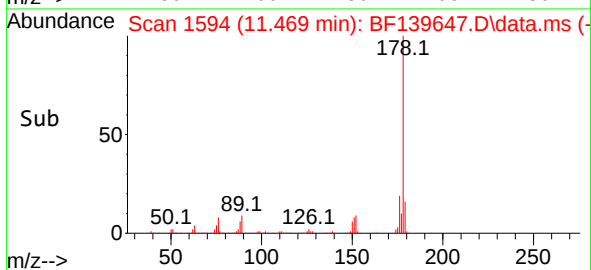
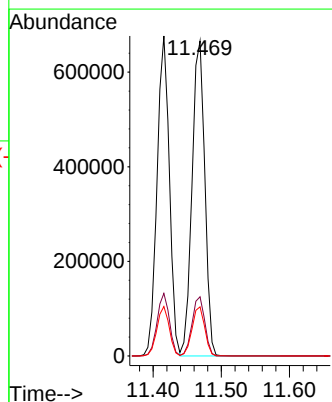
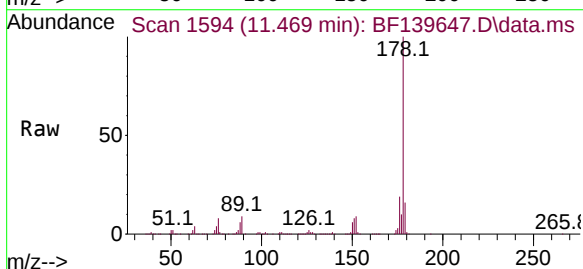
Manual Integrations
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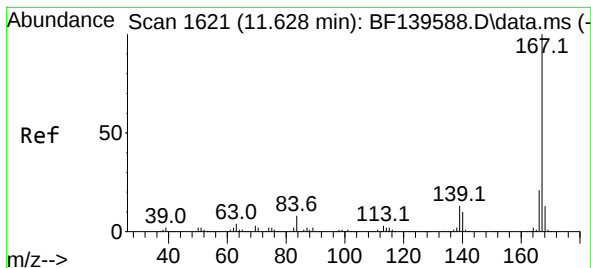
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#72
Anthracene
Concen: 49.995 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:178 Resp: 858179
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.6 12.5 18.7





#73

Carbazole

Concen: 47.787 ng

RT: 11.622 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

Tgt Ion:167 Resp: 78785

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

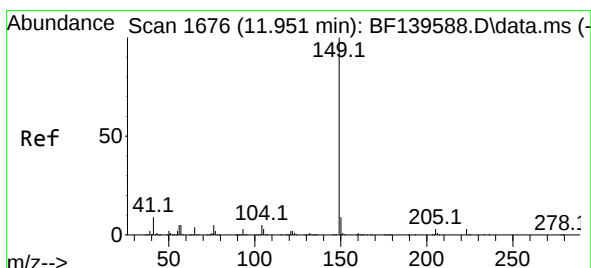
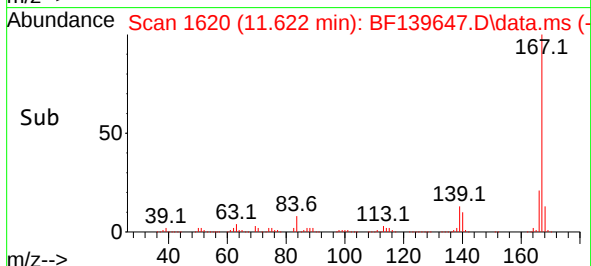
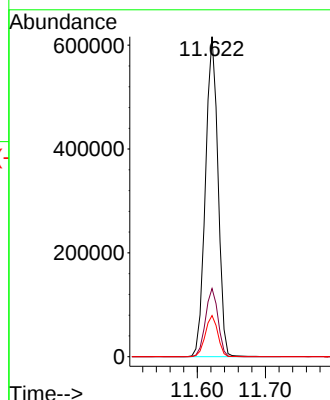
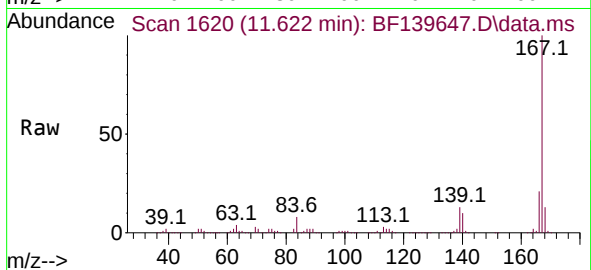
139 12.8 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#74

Di-n-butylphthalate

Concen: 48.115 ng

RT: 11.945 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

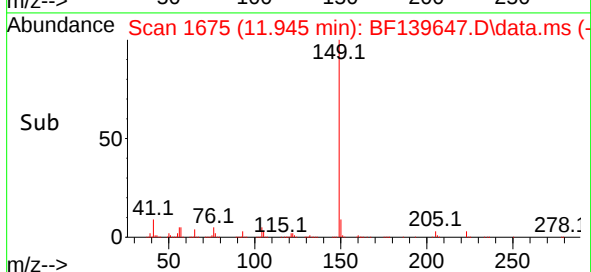
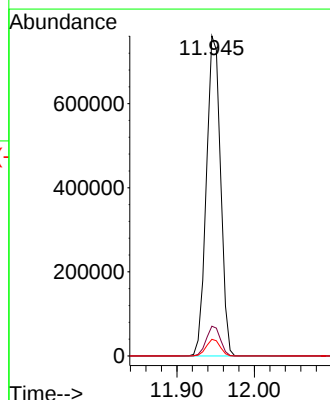
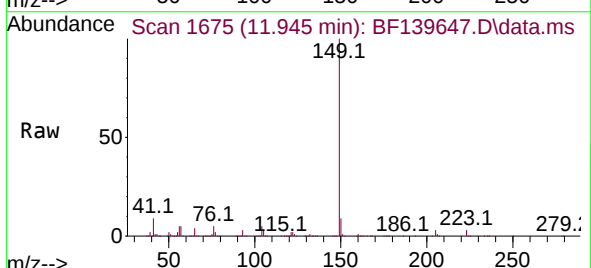
Tgt Ion:149 Resp: 964628

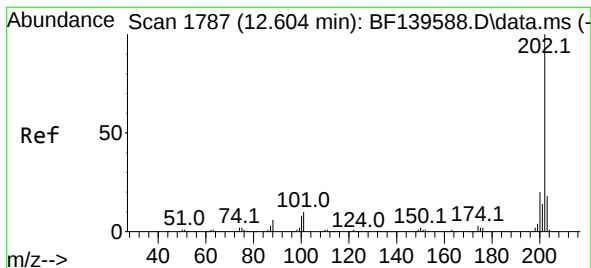
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 45.473 ng

RT: 12.604 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139647.D

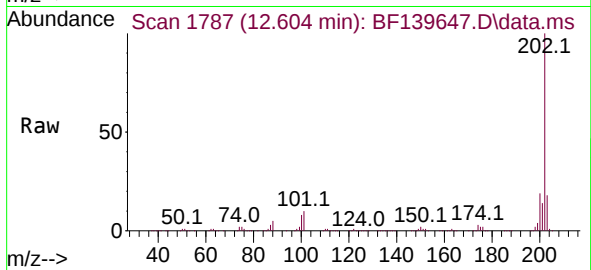
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS



Tgt Ion:202 Resp: 862500

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.2

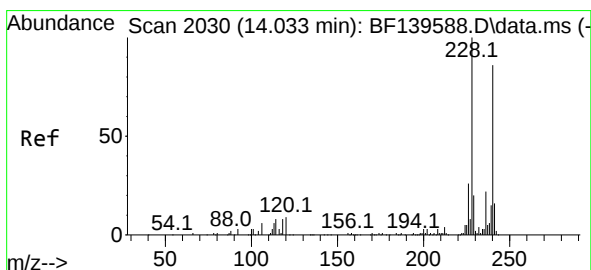
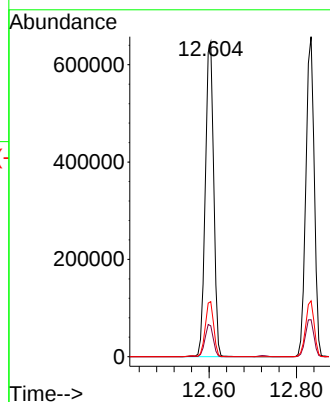
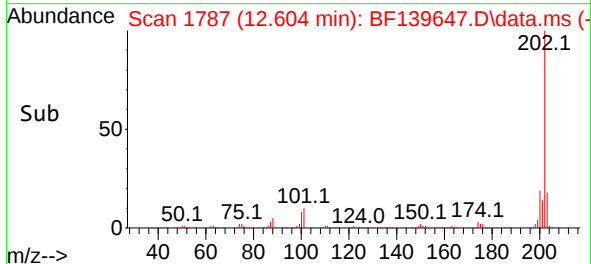
203 17.5 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

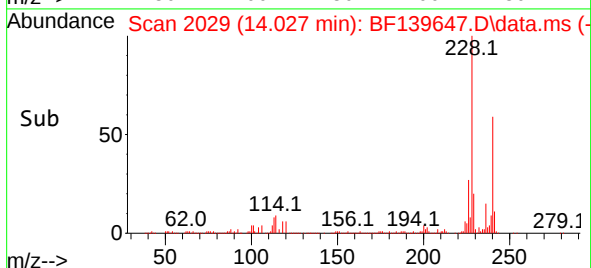
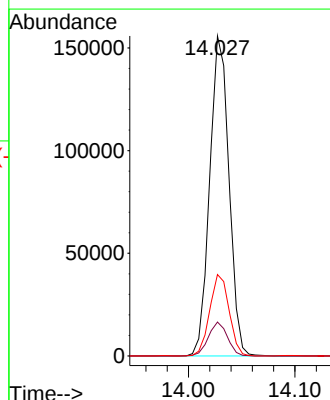
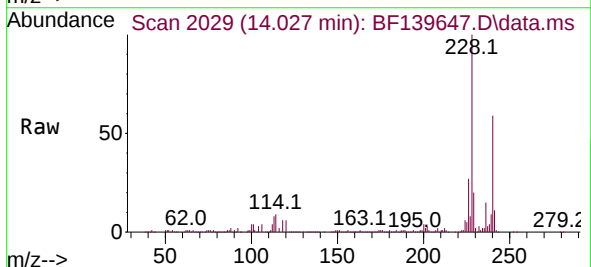
Tgt Ion:240 Resp: 195485

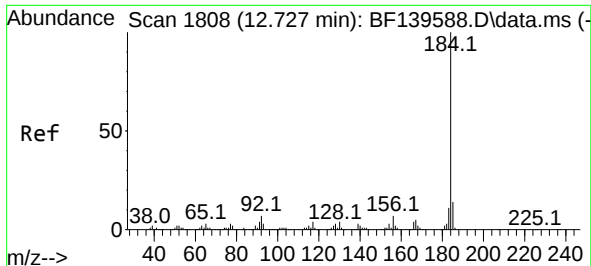
Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

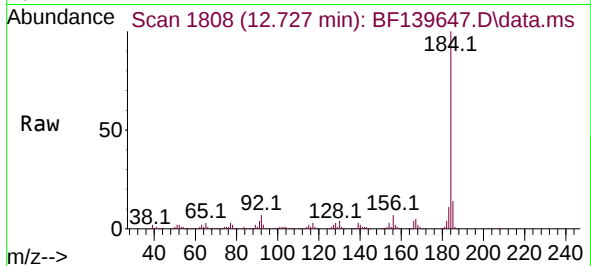
236 25.5 20.3 30.5





#77
Benzidine
Concen: 126.134 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

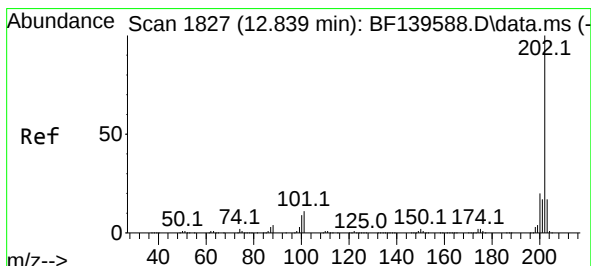
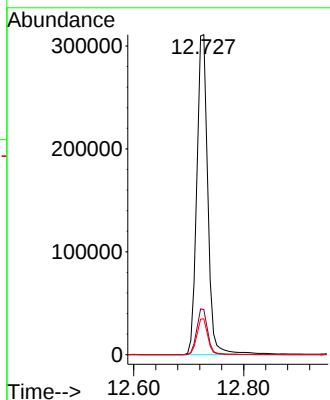
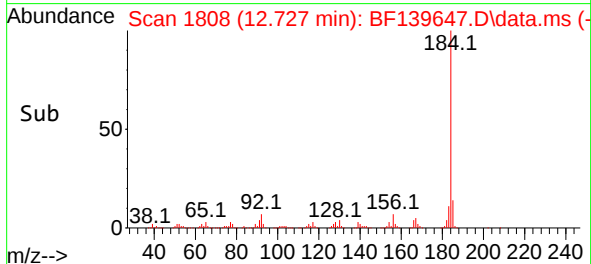
Instrument :
BNA_F
ClientSampleId :
PB163883BS



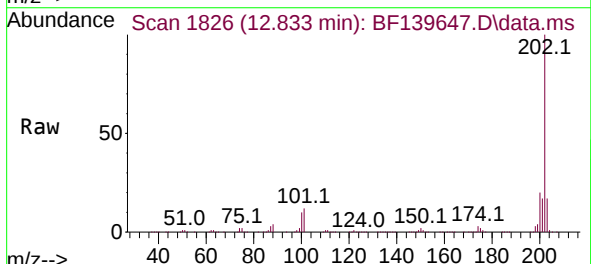
Tgt Ion:184 Resp: 434924
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 11.2 8.8 13.2

Manual Integrations
APPROVED

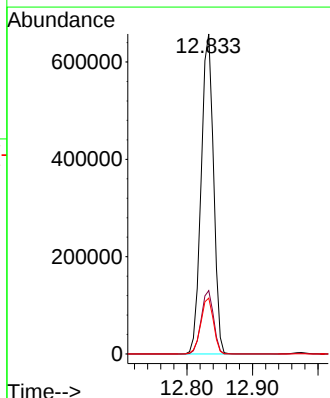
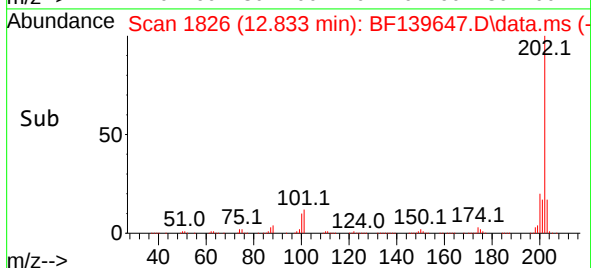
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024

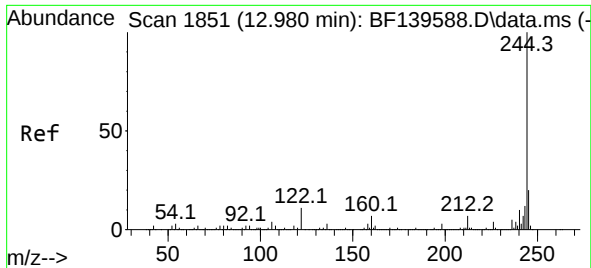


#78
Pyrene
Concen: 49.543 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24



Tgt Ion:202 Resp: 866218
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.6
203 17.4 13.8 20.8





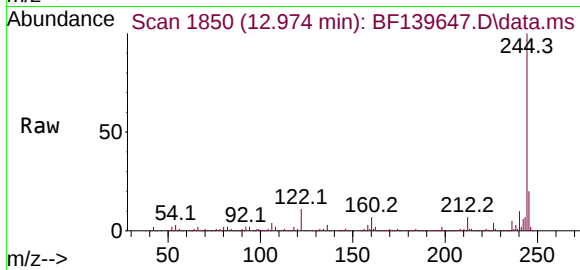
#79
 Terphenyl-d14
 Concen: 98.601 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139647.D
 Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS



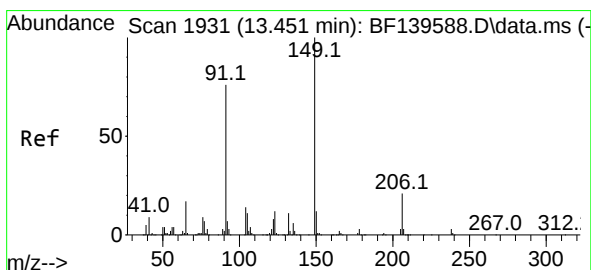
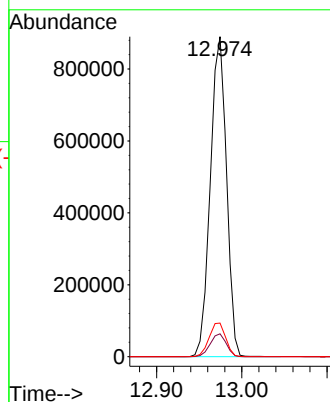
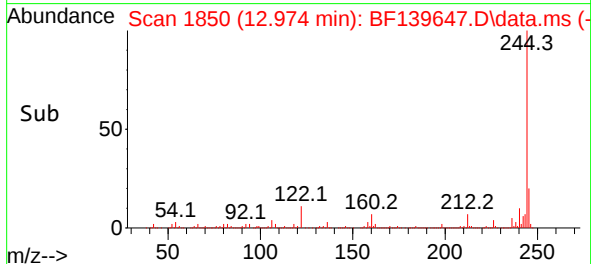
Tgt Ion:244 Resp: 117471
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.5 8.6 12.8

Manual Integrations

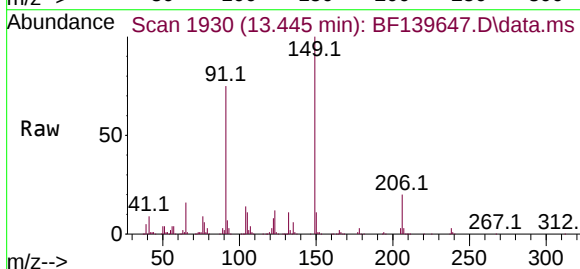
APPROVED

Reviewed By :Yogesh Patel 10/05/2024

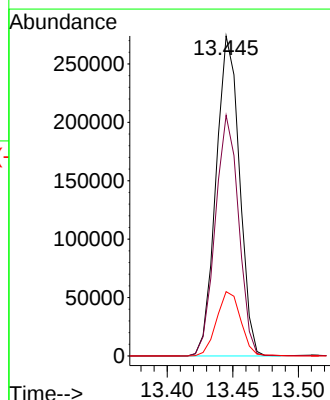
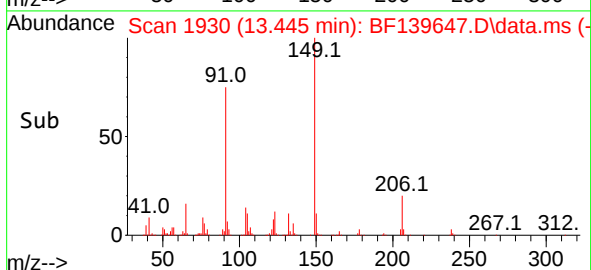
Supervised By :mohammad ahmed 10/07/2024

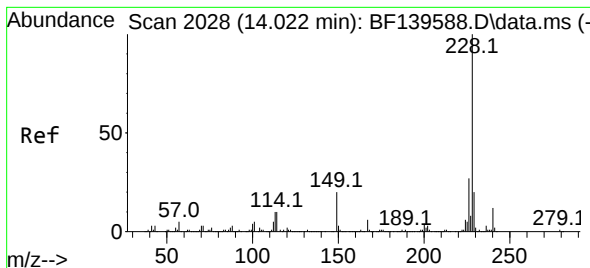


#80
 Butylbenzylphthalate
 Concen: 54.390 ng
 RT: 13.445 min Scan# 1930
 Delta R.T. -0.006 min
 Lab File: BF139647.D
 Acq: 04 Oct 2024 10:24



Tgt Ion:149 Resp: 340151
 Ion Ratio Lower Upper
 149 100
 91 75.2 61.0 91.4
 206 20.1 16.6 24.8





#81

Benzo(a)anthracene

Concen: 50.820 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF139647.D

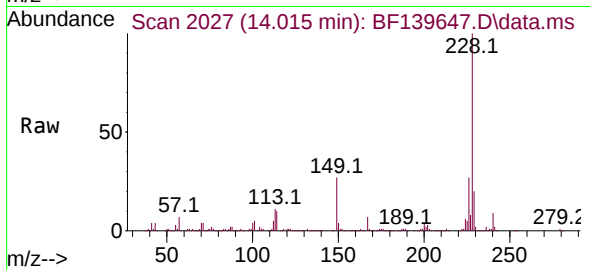
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS



Tgt Ion:228 Resp: 65316

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

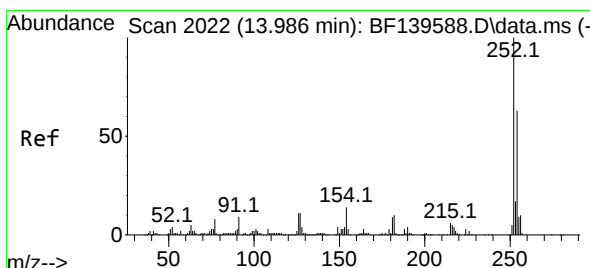
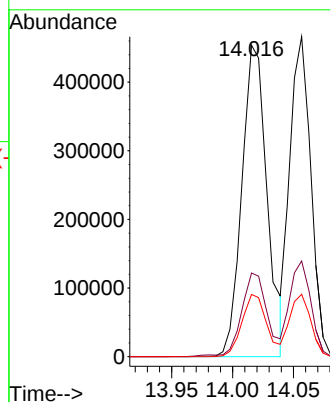
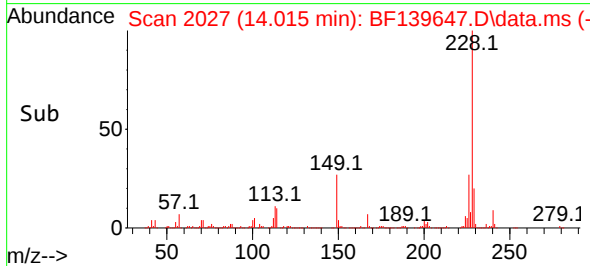
229 20.0 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#82

3,3'-Dichlorobenzidine

Concen: 43.270 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

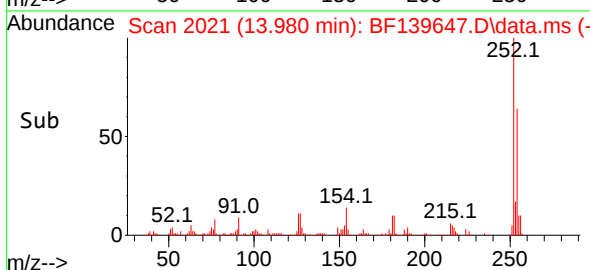
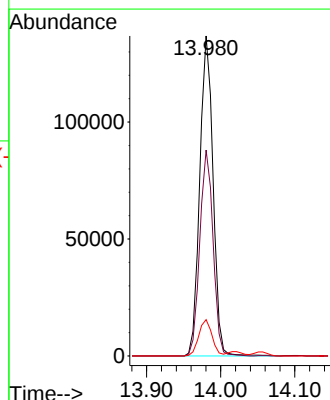
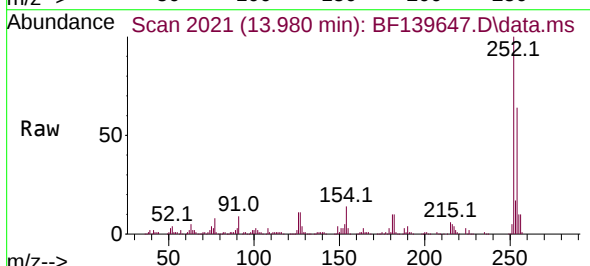
Tgt Ion:252 Resp: 170199

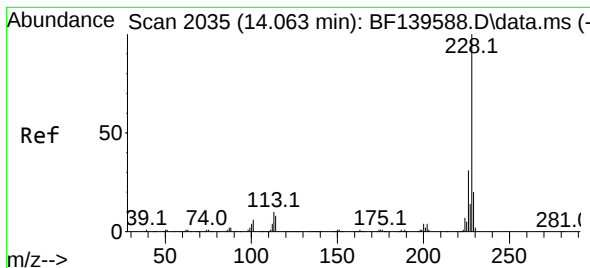
Ion Ratio Lower Upper

252 100

254 64.3 50.5 75.7

126 11.4 8.8 13.2





#83

Chrysene

Concen: 47.838 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

Tgt Ion:228 Resp: 562118

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

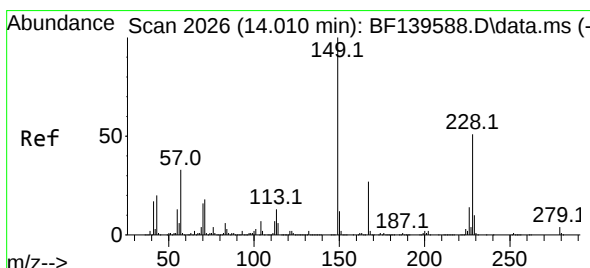
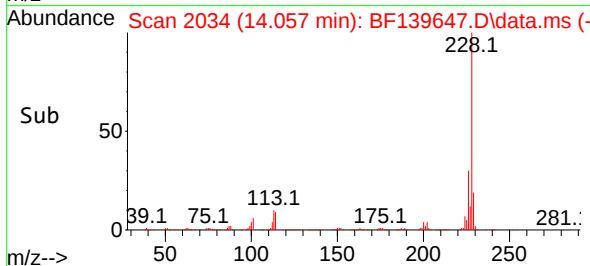
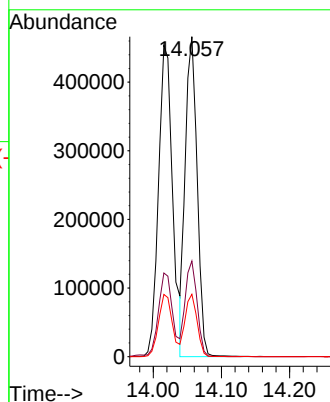
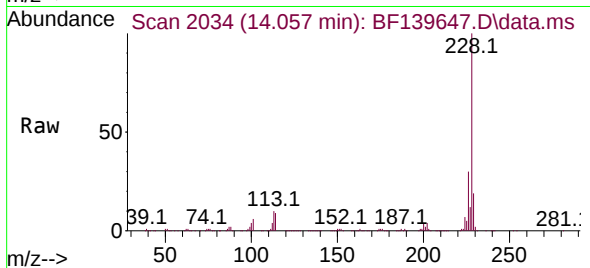
229 19.5 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.228 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

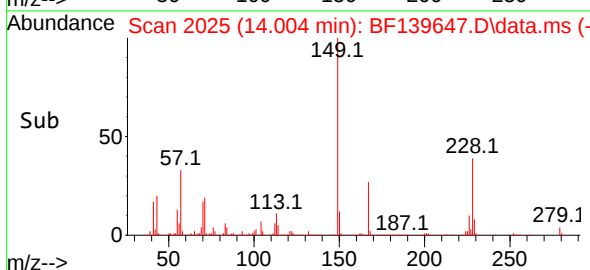
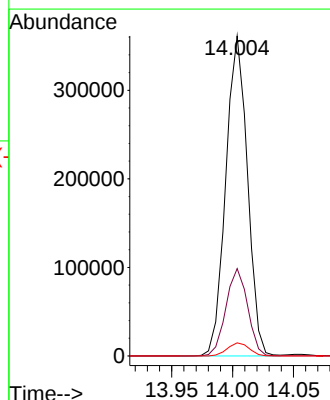
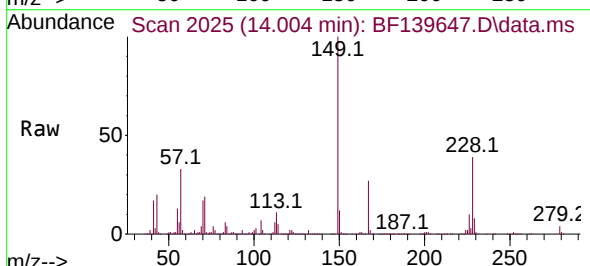
Tgt Ion:149 Resp: 446904

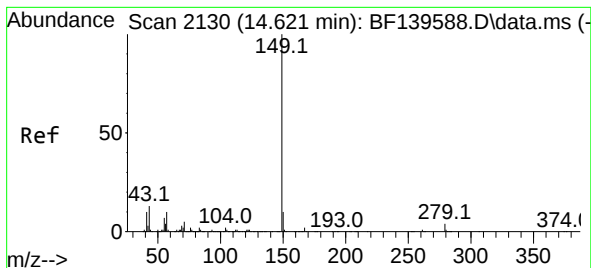
Ion Ratio Lower Upper

149 100

167 27.3 21.7 32.5

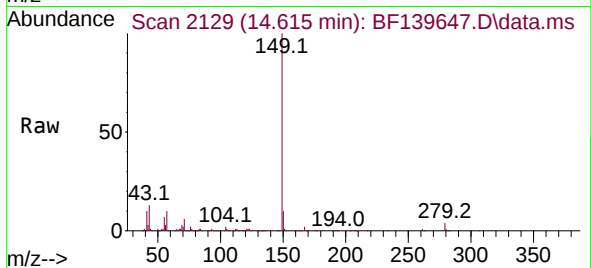
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 58.877 ng
RT: 14.615 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

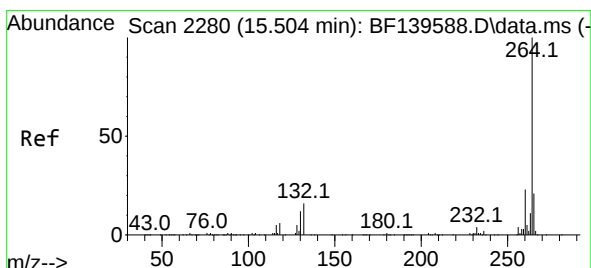
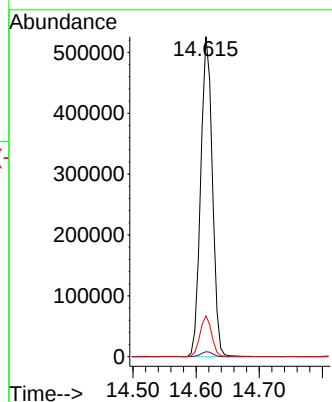
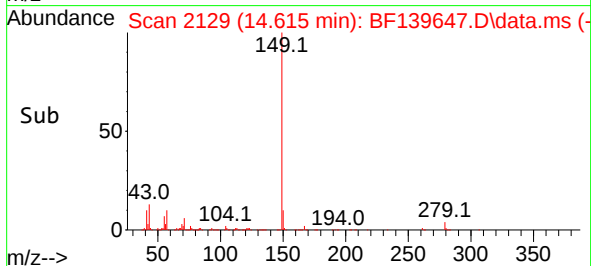
Instrument :
BNA_F
ClientSampleId :
PB163883BS



Tgt Ion:149 Resp: 675474
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.6 10.2 15.2

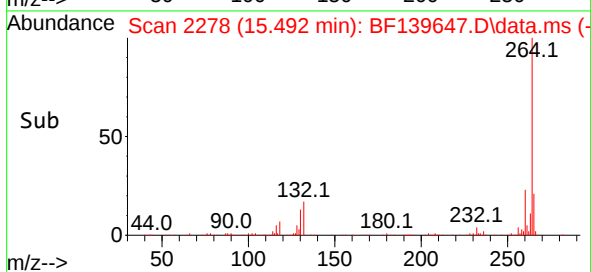
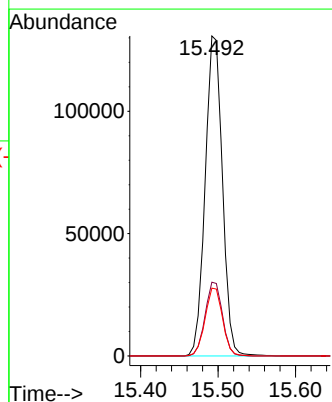
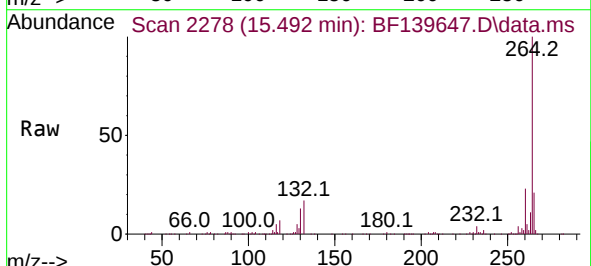
Manual Integrations
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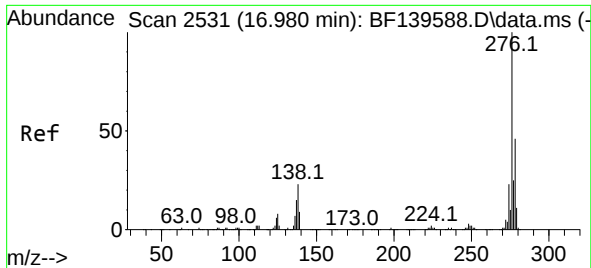
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Tgt Ion:264 Resp: 202104
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.2 16.9 25.3





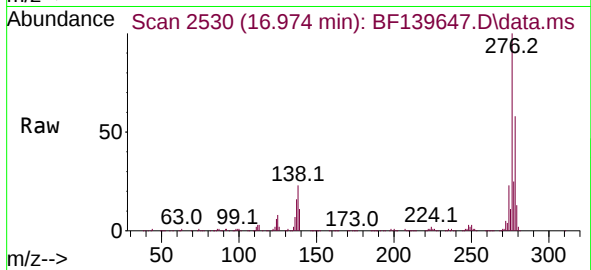
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.651 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

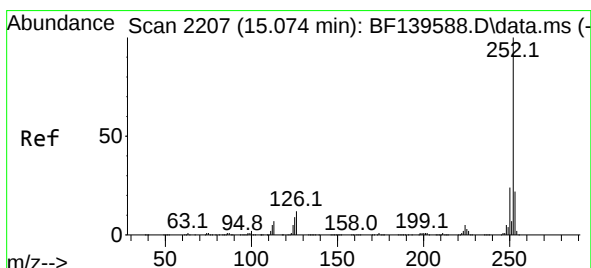
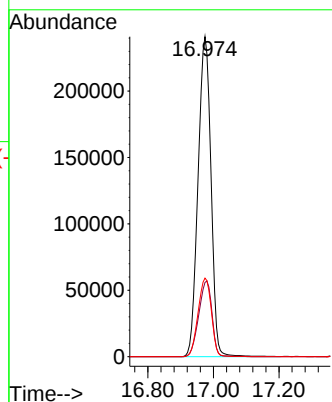
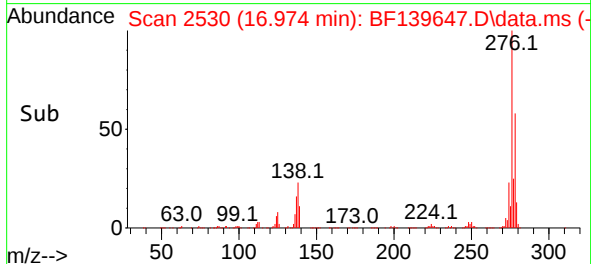


Tgt Ion:276 Resp: 66199
Ion Ratio Lower Upper
276 100
138 24.2 19.4 29.0
277 25.2 20.2 30.2

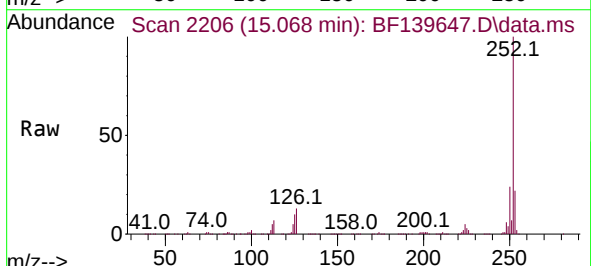
Manual Integrations

APPROVED

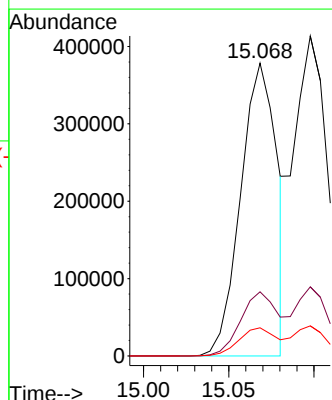
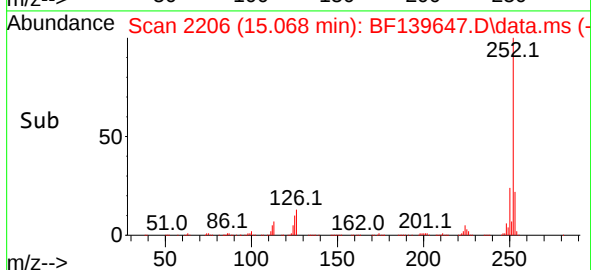
Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024

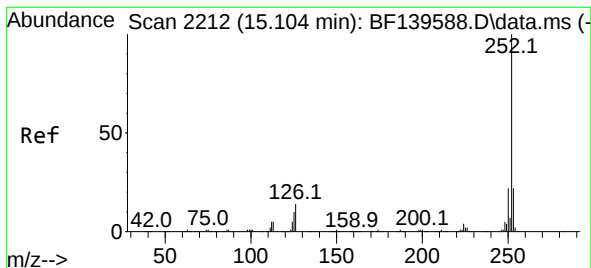


#88
Benzo(b)fluoranthene
Concen: 42.892 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24



Tgt Ion:252 Resp: 560498
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 51.939 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163883BS

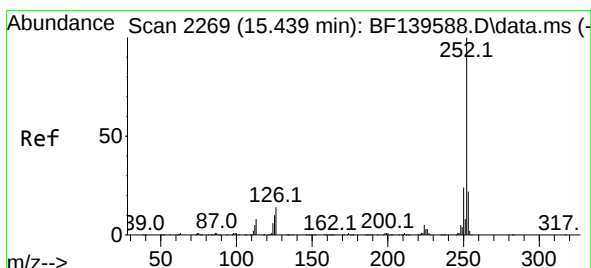
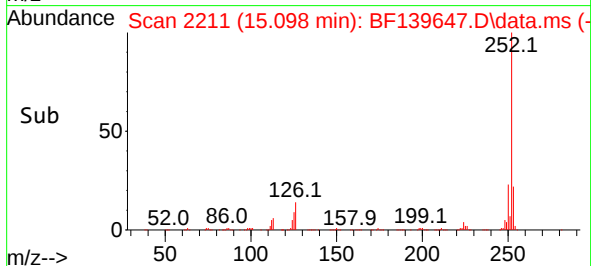
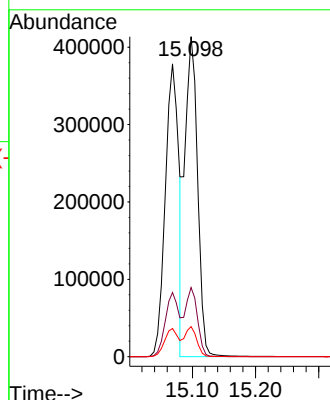
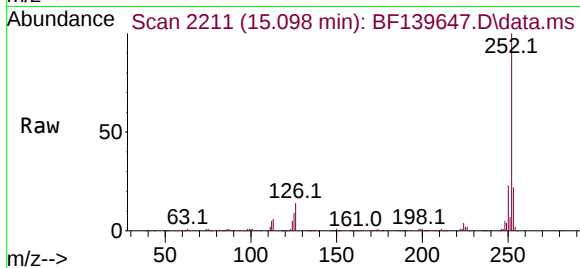
Tgt Ion:252 Resp: 57574
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.5 26.3
 125 9.4 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2024

Supervised By :mohammad ahmed 10/07/2024



#90

Benzo(a)pyrene

Concen: 52.808 ng

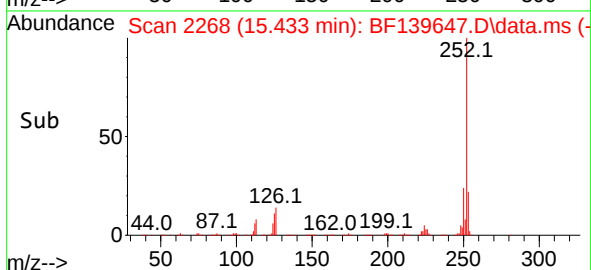
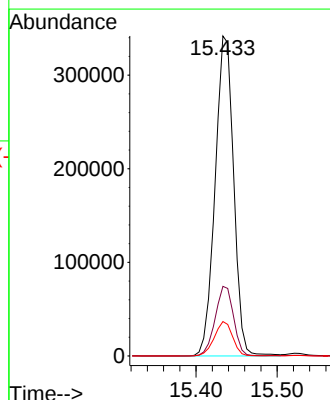
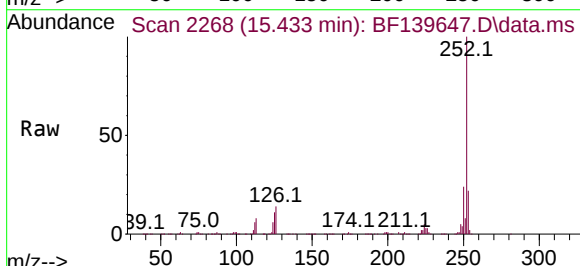
RT: 15.433 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF139647.D

Acq: 04 Oct 2024 10:24

Tgt Ion:252 Resp: 544126
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.3 25.9
 125 10.8 8.3 12.5





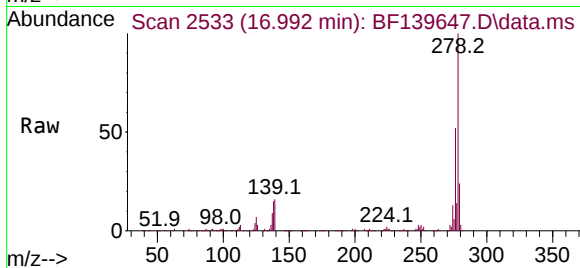
#91
Dibenzo(a,h)anthracene
Concen: 54.770 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

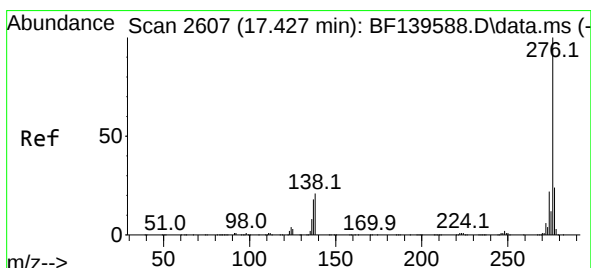
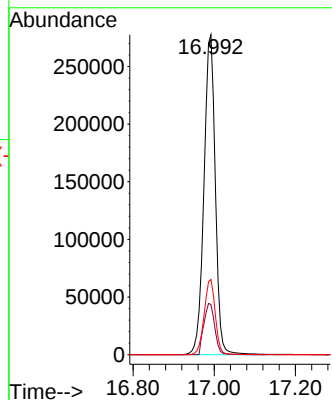
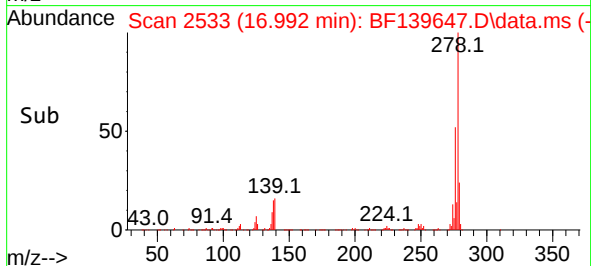
PB163883BS



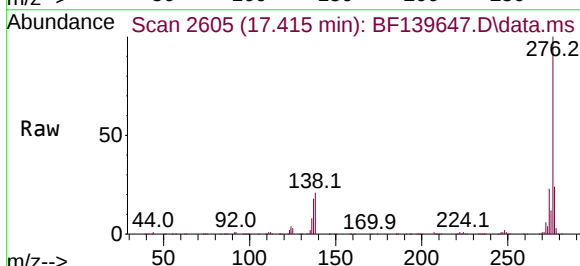
Tgt Ion:278 Resp: 540374
Ion Ratio Lower Upper
278 100
139 15.7 12.2 18.4
279 23.5 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024



#92
Benzo(g,h,i)perylene
Concen: 49.983 ng
RT: 17.415 min Scan# 2605
Delta R.T. -0.012 min
Lab File: BF139647.D
Acq: 04 Oct 2024 10:24



Tgt Ion:276 Resp: 494577
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 21.2 17.0 25.6

