

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139624.D
 Acq On : 03 Oct 2024 11:48
 Operator : RC/JU
 Sample : PB163732BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163732BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 12:14:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	99580	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	399223	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	232018	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	445543	20.000	ng	0.00
76) Chrysene-d12	14.033	240	242887	20.000	ng	0.00
86) Perylene-d12	15.504	264	211967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	815904	142.013	ng	0.02
7) Phenol-d6	6.510	99	1099193	142.269	ng	0.00
23) Nitrobenzene-d5	7.434	82	720299	91.350	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	310887	138.804	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1349575	89.297	ng	0.00
79) Terphenyl-d14	12.980	244	1498742	101.248	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	104138	41.925	ng	96
3) Pyridine	3.499	79	287078	47.521	ng	99
4) n-Nitrosodimethylamine	3.457	42	196180	49.612	ng	97
6) Aniline	6.534	93	375832	54.818	ng	95
8) 2-Chlorophenol	6.657	128	325075	52.811	ng	98
9) Benzaldehyde	6.416	77	56695	13.853	ng	97
10) Phenol	6.522	94	418285	51.487	ng	83
11) bis(2-Chloroethyl)ether	6.604	93	313752	47.432	ng	99
12) 1,3-Dichlorobenzene	6.810	146	324359	46.842	ng	99
13) 1,4-Dichlorobenzene	6.887	146	333507	47.554	ng	99
14) 1,2-Dichlorobenzene	7.040	146	316695	48.181	ng	99
15) Benzyl Alcohol	7.016	79	314598	53.292	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	572676	50.010	ng	86
17) 2-Methylphenol	7.128	107	264495	51.471	ng	98
18) Hexachloroethane	7.381	117	123925	47.373	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	246466	49.618	ng	99
20) 3+4-Methylphenols	7.281	107	331844	51.413	ng	94
22) Acetophenone	7.281	105	443116	46.760	ng	99
24) Nitrobenzene	7.457	77	376011	46.052	ng	99
25) Isophorone	7.692	82	684686	48.889	ng	99
26) 2-Nitrophenol	7.769	139	175613	50.031	ng	99
27) 2,4-Dimethylphenol	7.804	122	261137m	60.771	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	394630	47.189	ng	100
29) 2,4-Dichlorophenol	8.010	162	278893	49.759	ng	100
30) 1,2,4-Trichlorobenzene	8.092	180	281867	44.469	ng	98
31) Naphthalene	8.175	128	951712	46.626	ng	100
32) Benzoic acid	7.945	122	212411	49.712	ng	99
33) 4-Chloroaniline	8.222	127	225484	32.635	ng	99
34) Hexachlorobutadiene	8.287	225	182108	44.396	ng	100
35) Caprolactam	8.604	113	93713m	50.977	ng	
36) 4-Chloro-3-methylphenol	8.710	107	319477	50.353	ng	100
37) 2-Methylnaphthalene	8.863	142	633181	47.629	ng	100
38) 1-Methylnaphthalene	8.963	142	593146	45.646	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	294826	45.760	ng	97
41) Hexachlorocyclopentadiene	9.016	237	346405	175.347	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	216257	49.791	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	223282	47.670	ng	99
46) 1,1'-Biphenyl	9.328	154	800417	46.383	ng	99
47) 2-Chloronaphthalene	9.357	162	596861	46.136	ng	99
48) 2-Nitroaniline	9.451	65	237984	51.246	ng	98
49) Acenaphthylene	9.769	152	1001369	50.898	ng	100
50) Dimethylphthalate	9.633	163	752079	49.518	ng	100
51) 2,6-Dinitrotoluene	9.698	165	165071	48.113	ng	95
52) Acenaphthene	9.945	154	722368m	53.484	ng	
53) 3-Nitroaniline	9.863	138	136004	38.790	ng	98
54) 2,4-Dinitrophenol	9.975	184	210516	114.078	ng	99
55) Dibenzofuran	10.116	168	908873	48.061	ng	99
56) 4-Nitrophenol	10.033	139	271724	101.628	ng	99
57) 2,4-Dinitrotoluene	10.104	165	224573	50.076	ng	97
58) Fluorene	10.457	166	721375	47.894	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	194555	51.428	ng	99
60) Diethylphthalate	10.333	149	771266	49.164	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	351619	46.663	ng	99
62) 4-Nitroaniline	10.486	138	178322	49.723	ng	99
63) Azobenzene	10.610	77	779073	49.382	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	130859	52.004	ng	99
66) n-Nitrosodiphenylamine	10.569	169	639833	48.720	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	213732	46.787	ng	98
68) Hexachlorobenzene	11.004	284	238207	46.992	ng	99
69) Atrazine	11.098	200	212273	60.243	ng	98
70) Pentachlorophenol	11.204	266	279463	92.588	ng	99
71) Phenanthrene	11.422	178	1027286	48.900	ng	100
72) Anthracene	11.475	178	1044520	50.259	ng	100
73) Carbazole	11.627	167	971420	48.666	ng	100
74) Di-n-butylphthalate	11.951	149	1206750	49.715	ng	100
75) Fluoranthene	12.610	202	1098014	47.814	ng	99
77) Benzidine	12.727	184	407369	95.086	ng	100
78) Pyrene	12.839	202	1101676	50.713	ng	99
80) Butylbenzylphthalate	13.451	149	429247	55.242	ng	100
81) Benzo(a)anthracene	14.021	228	822825	51.527	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	204060	41.754	ng	99
83) Chrysene	14.063	228	715387	49.000	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	558903	57.602	ng	100
85) Di-n-octyl phthalate	14.621	149	799526	56.089	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	658867	52.811	ng	100
88) Benzo(b)fluoranthene	15.074	252	695342	50.735	ng	100
89) Benzo(k)fluoranthene	15.104	252	550026	47.310	ng	99
90) Benzo(a)pyrene	15.445	252	574938	53.202	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	541966	52.376	ng	99
92) Benzo(g,h,i)perylene	17.427	276	494060	47.608	ng	99

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



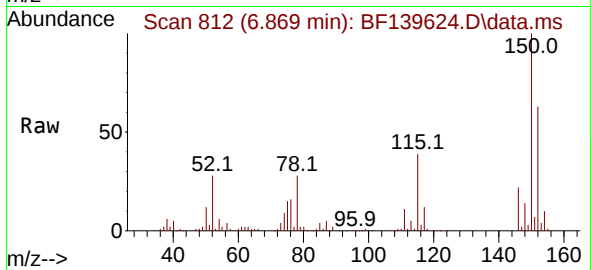
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

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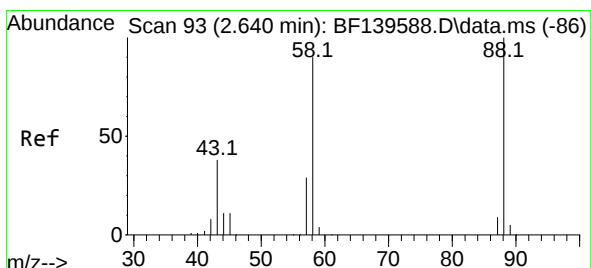
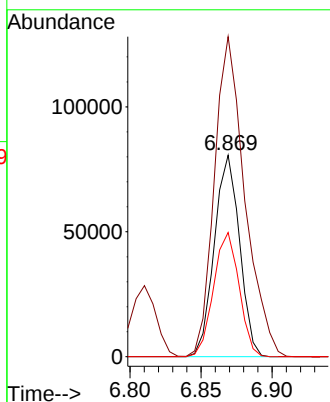
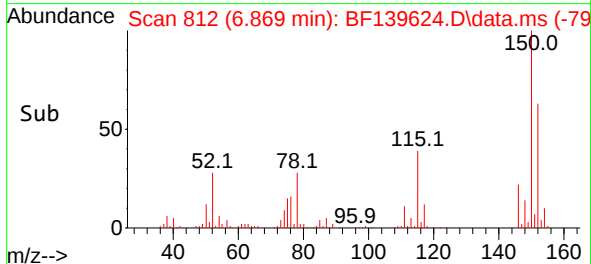


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Ion Ratio Lower Upper
152 100
150 158.9 127.2 190.8
115 61.6 49.0 73.4

Manual Integrations

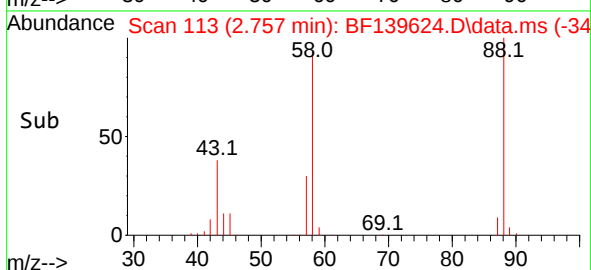
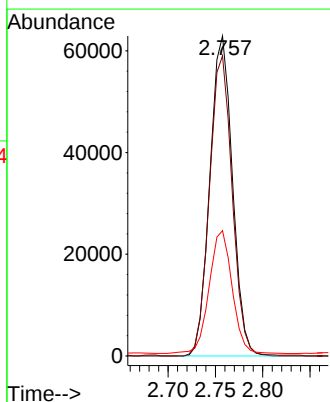
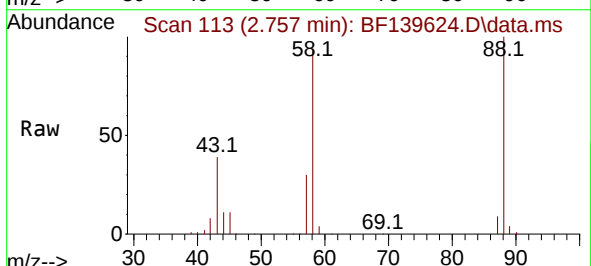
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Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#2
1,4-Dioxane
Concen: 41.925 ng
RT: 2.757 min Scan# 113
Delta R.T. 0.118 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Tgt Ion: 88 Resp: 104138
Ion Ratio Lower Upper
88 100
58 94.6 72.0 108.0
43 39.1 30.8 46.2





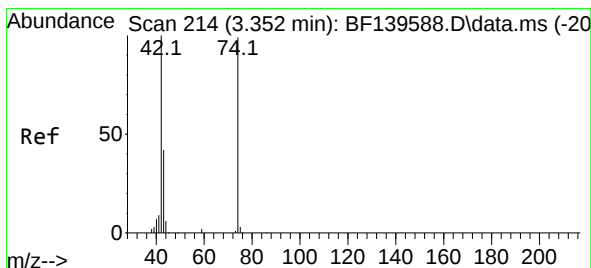
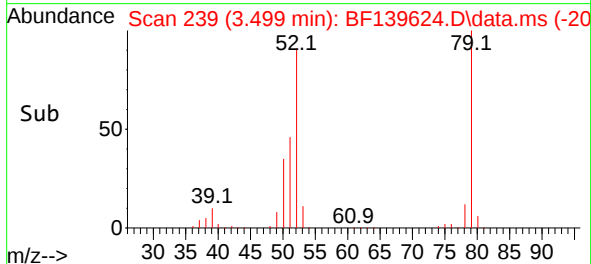
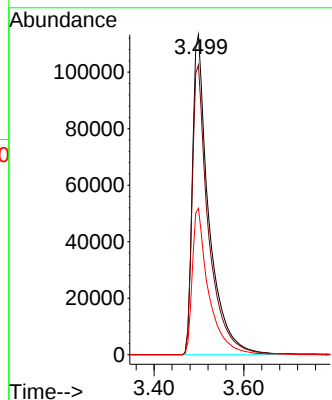
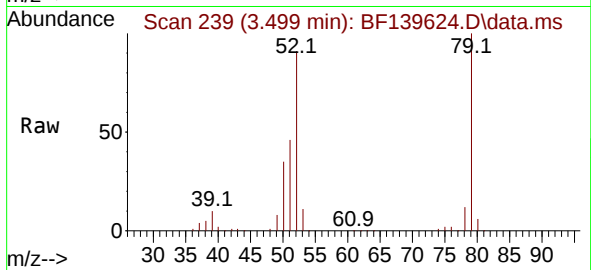
#3
Pyridine
Concen: 47.521 ng
RT: 3.499 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

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ClientSampleId :
PB163732BSD

Tgt Ion: 79 Resp: 287078
Ion Ratio Lower Upper
79 100
52 90.6 72.6 109.0
51 45.8 37.5 56.3

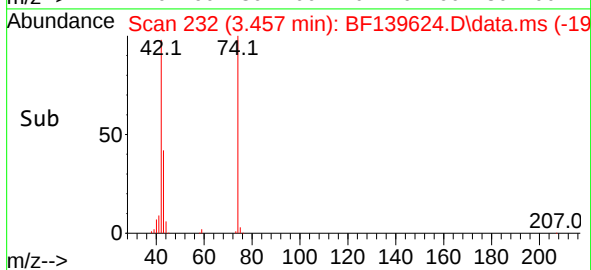
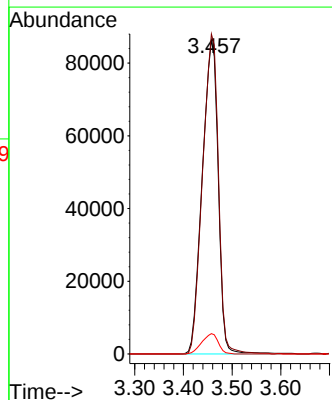
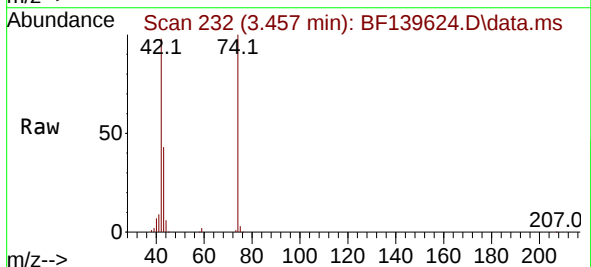
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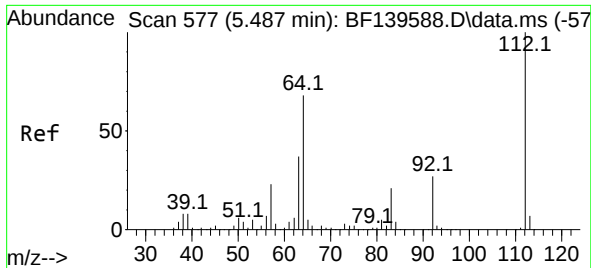
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#4
n-Nitrosodimethylamine
Concen: 49.612 ng
RT: 3.457 min Scan# 232
Delta R.T. 0.106 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Tgt Ion: 42 Resp: 196180
Ion Ratio Lower Upper
42 100
74 102.0 79.0 118.6
44 6.5 5.2 7.8





#5
2-Fluorophenol
Concen: 142.013 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

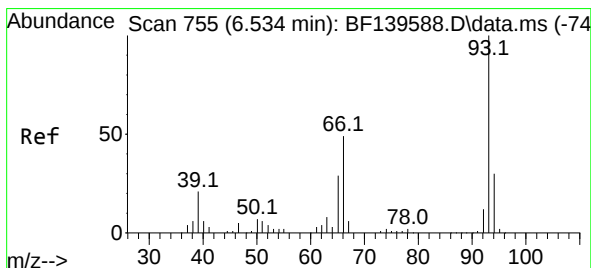
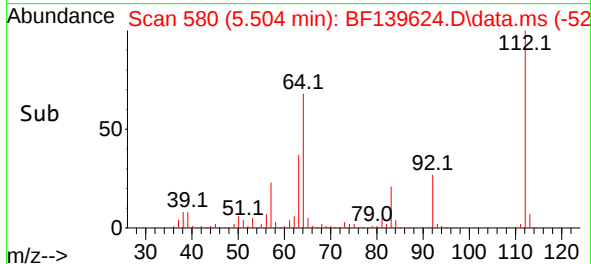
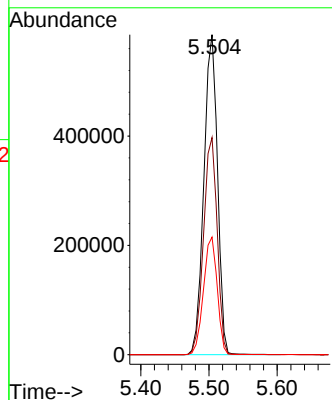
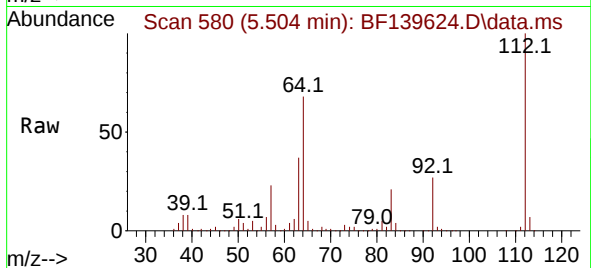
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Tgt Ion:112 Resp: 815904
Ion Ratio Lower Upper
112 100
64 67.8 54.2 81.4
63 36.8 29.4 44.2

Manual Integrations

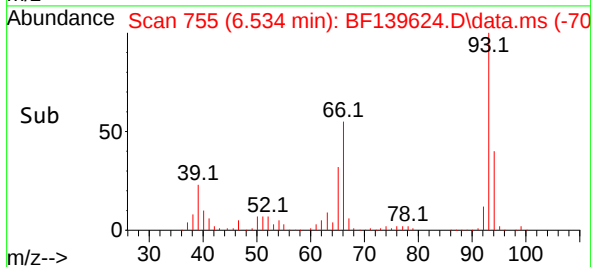
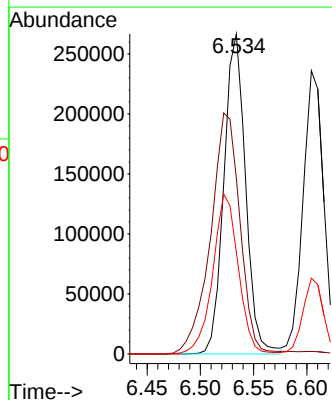
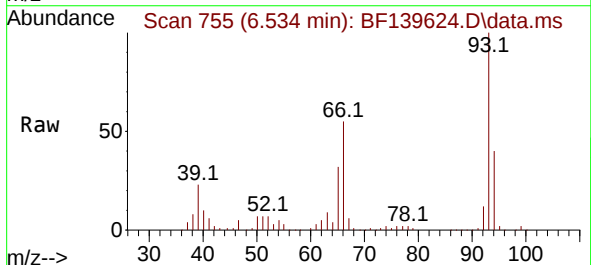
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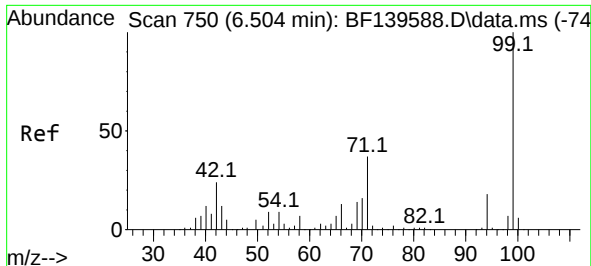
Reviewed By :Yogesh Patel 10/04/2024
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#6
Aniline
Concen: 54.818 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

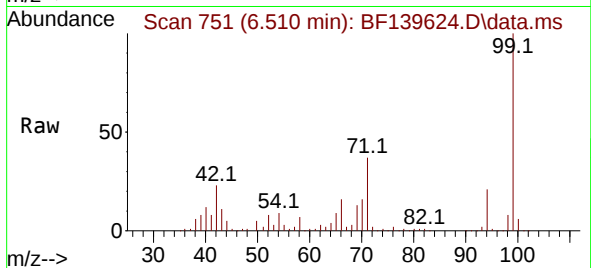
Tgt Ion: 93 Resp: 375832
Ion Ratio Lower Upper
93 100
66 54.9 40.9 61.3
65 31.8 23.3 34.9





#7
Phenol-d6
Concen: 142.269 ng
RT: 6.510 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

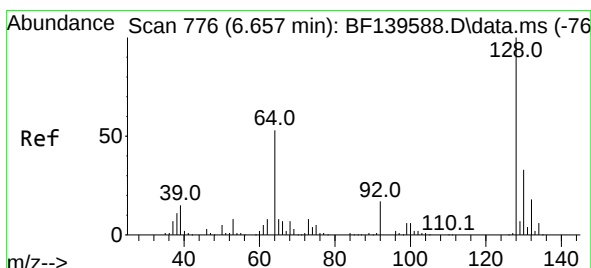
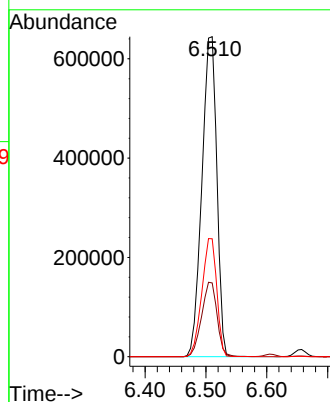
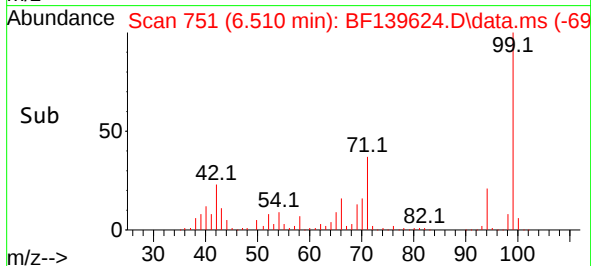
Instrument :
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Tgt Ion: 99 Resp: 109919
Ion Ratio Lower Upper
99 100
42 23.0 19.1 28.7
71 36.9 29.7 44.5

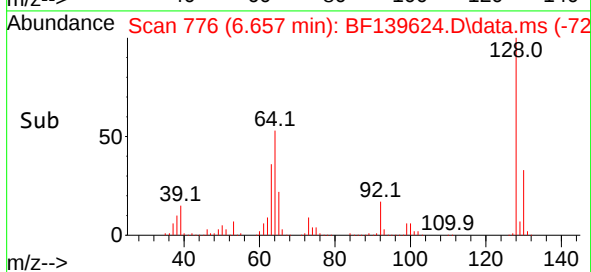
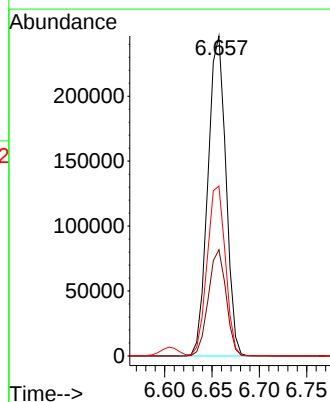
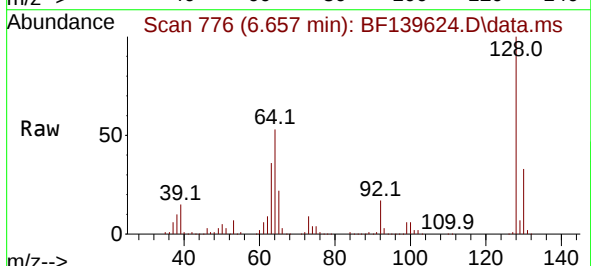
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#8
2-Chlorophenol
Concen: 52.811 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Tgt Ion:128 Resp: 325075
Ion Ratio Lower Upper
128 100
130 33.2 13.2 53.2
64 53.1 35.1 75.1





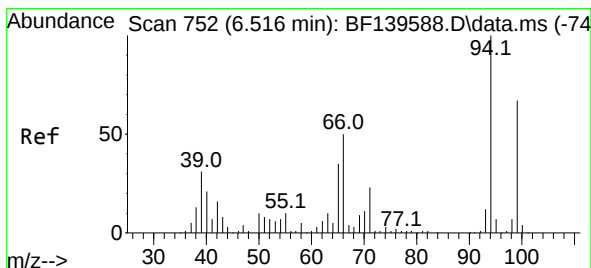
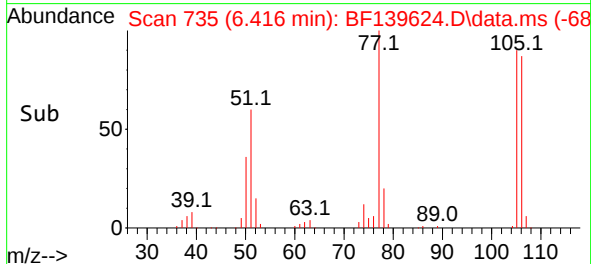
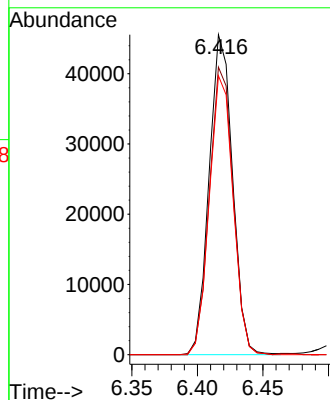
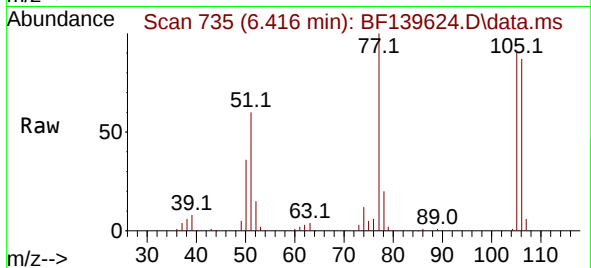
#9
Benzaldehyde
Concen: 13.853 ng
RT: 6.416 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :
BNA_F
ClientSampleId :
PB163732BSD

Tgt Ion: 77 Resp: 5669
Ion Ratio Lower Upper
77 100
105 89.8 72.7 112.7
106 87.1 70.1 110.1

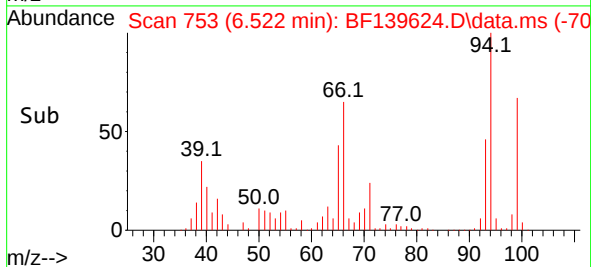
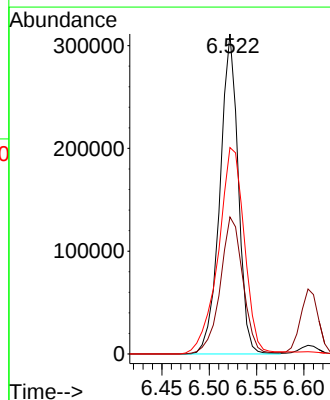
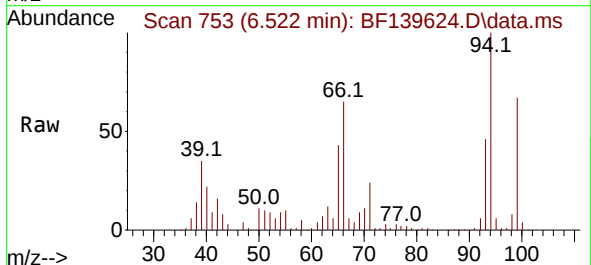
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#10
Phenol
Concen: 51.487 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Tgt Ion: 94 Resp: 418285
Ion Ratio Lower Upper
94 100
65 42.8 15.3 55.3
66 64.5 30.5 70.5





#11
bis(2-Chloroethyl)ether
Concen: 47.432 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

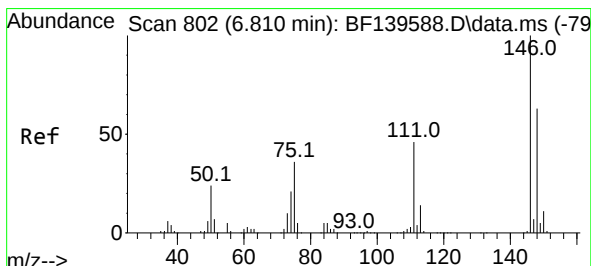
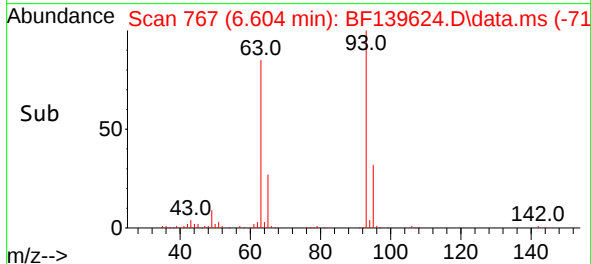
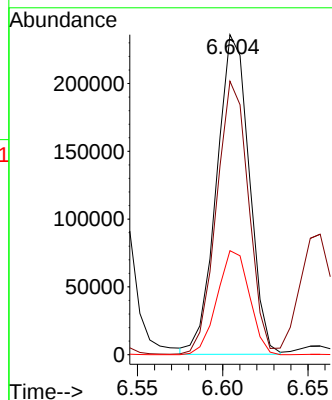
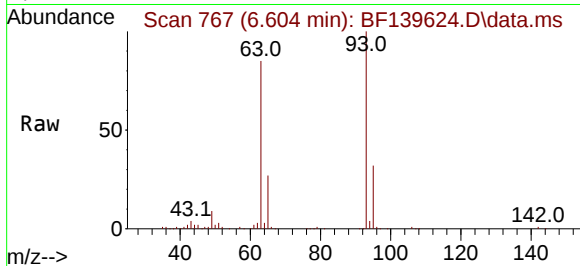
ClientSampleId :

PB163732BSD

Tgt Ion: 93 Resp: 313752
Ion Ratio Lower Upper
93 100
63 85.5 64.1 104.1
95 32.5 12.3 52.3

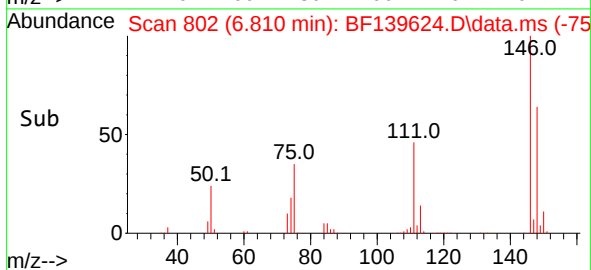
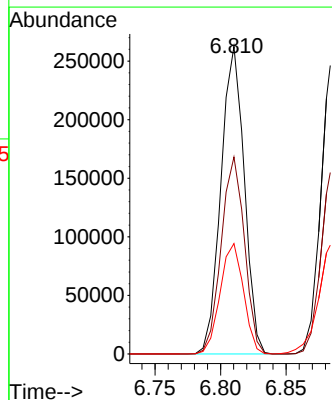
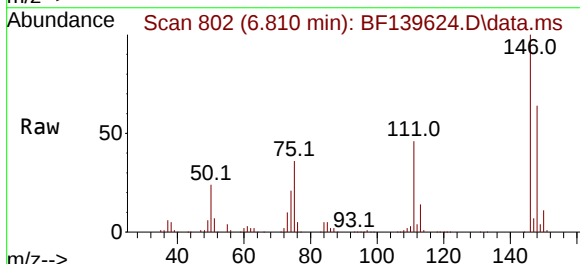
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#12
1,3-Dichlorobenzene
Concen: 46.842 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Tgt Ion:146 Resp: 324359
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.4
75 35.9 28.5 42.7





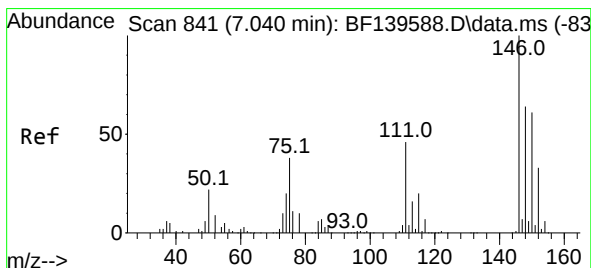
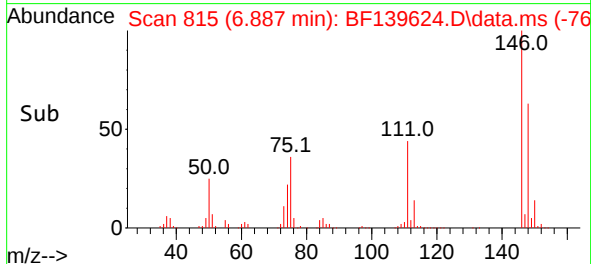
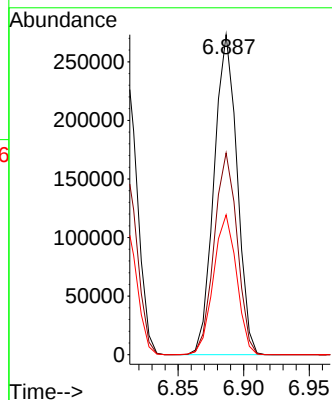
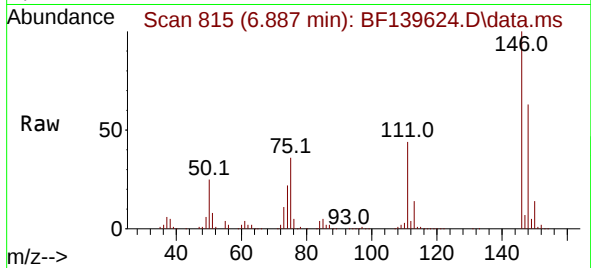
#13
1,4-Dichlorobenzene
Concen: 47.554 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :
BNA_F
ClientSampleId :
PB163732BSD

Tgt Ion:146 Resp: 333507
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.6
111 43.7 34.9 52.3

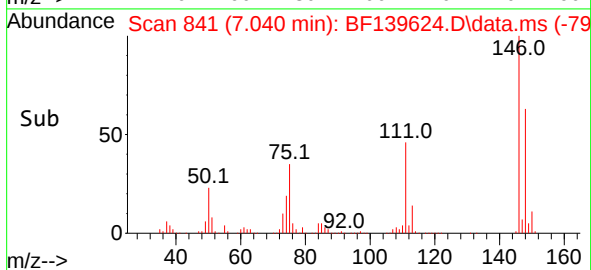
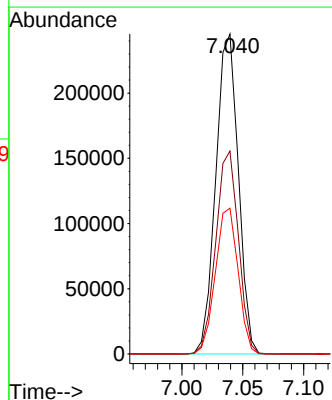
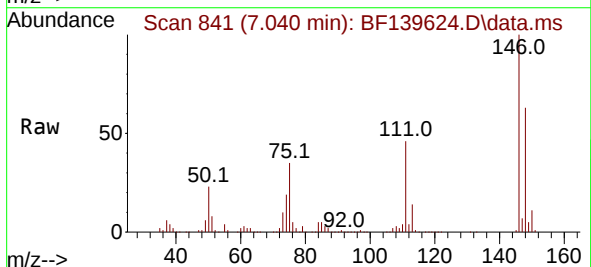
Manual Integrations
APPROVED

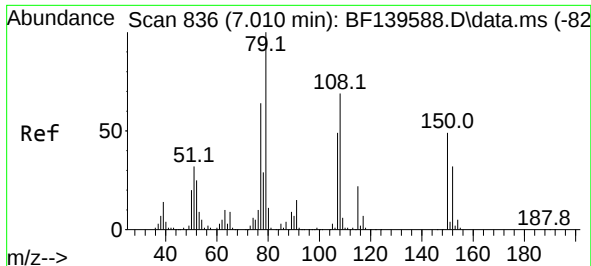
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#14
1,2-Dichlorobenzene
Concen: 48.181 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Tgt Ion:146 Resp: 316695
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
111 45.5 37.0 55.6





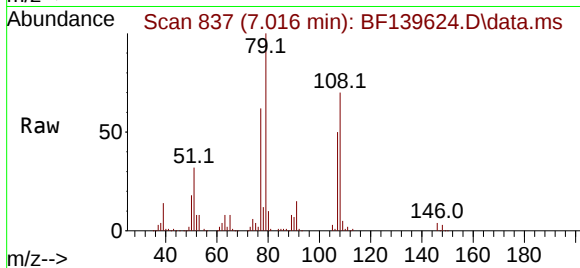
#15
Benzyl Alcohol
Concen: 53.292 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD

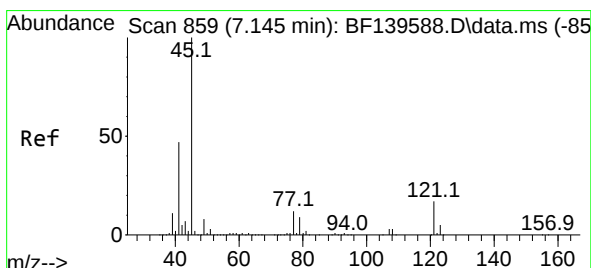
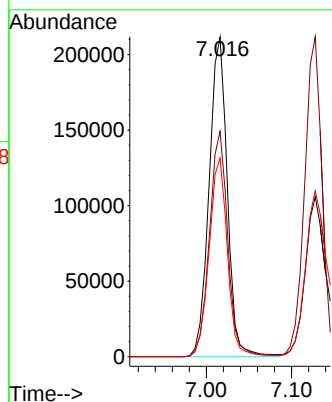
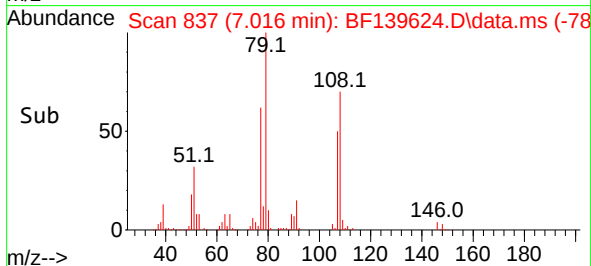


Tgt Ion: 79 Resp: 314598
Ion Ratio Lower Upper
79 100
108 70.5 55.1 82.7
77 62.2 50.8 76.2

Manual Integrations

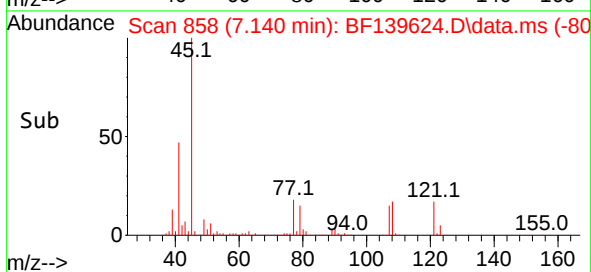
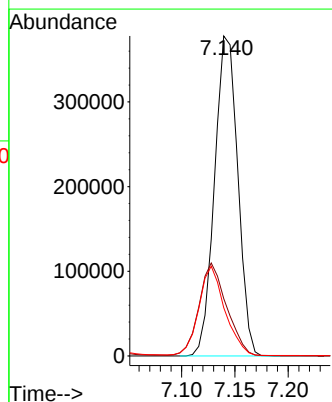
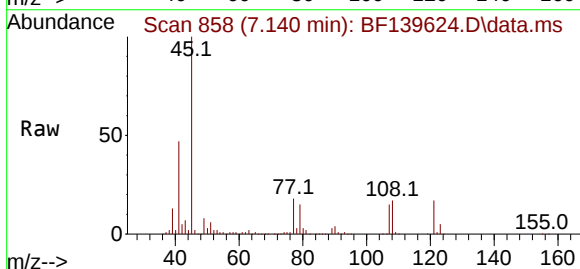
APPROVED

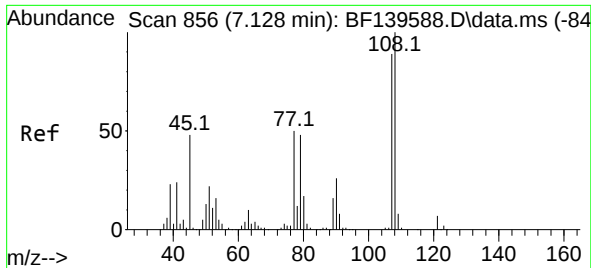
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.010 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Tgt Ion: 45 Resp: 572676
Ion Ratio Lower Upper
45 100
77 18.0 0.0 32.5
79 15.1 0.0 29.7





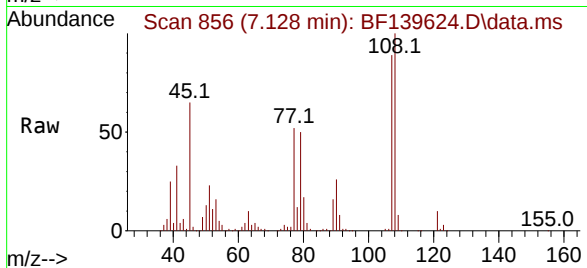
#17
2-Methylphenol
Concen: 51.471 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD

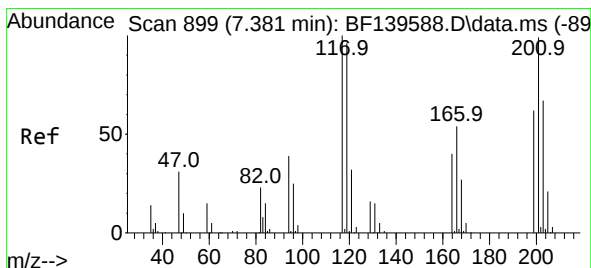
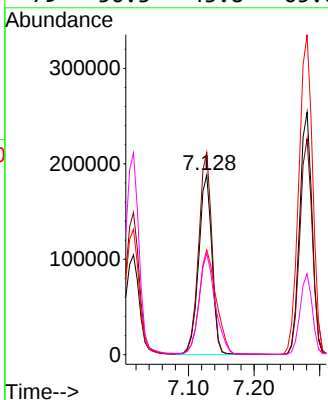
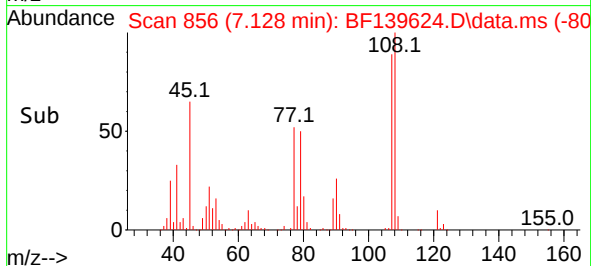


Tgt Ion:107 Resp: 264495
Ion Ratio Lower Upper
107 100
108 112.5 89.8 134.6
77 58.4 44.6 67.0
79 56.3 43.8 65.6

Manual Integrations

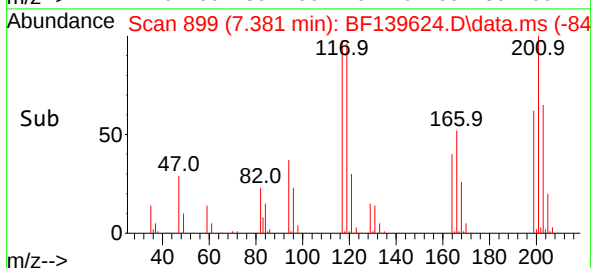
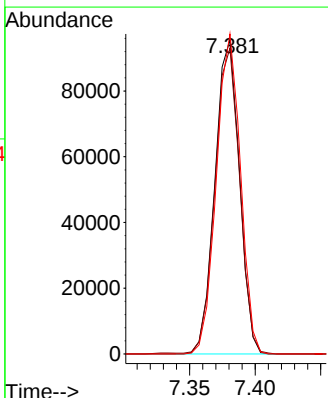
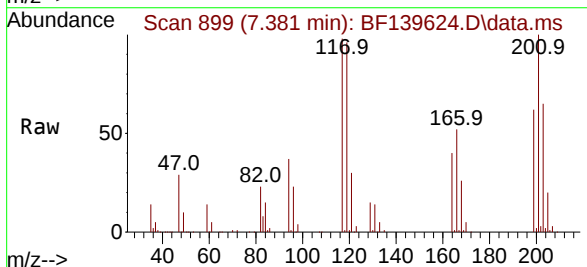
APPROVED

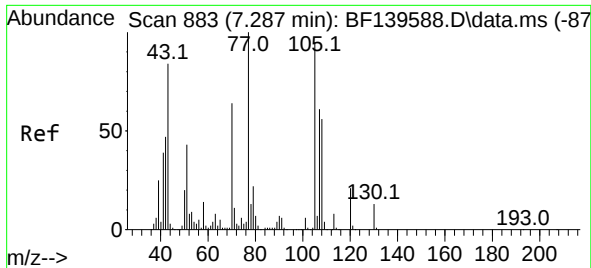
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#18
Hexachloroethane
Concen: 47.373 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Tgt Ion:117 Resp: 123925
Ion Ratio Lower Upper
117 100
119 97.4 77.0 115.6
201 101.9 79.2 118.8





#19
n-Nitroso-di-n-propylamine
Concen: 49.618 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

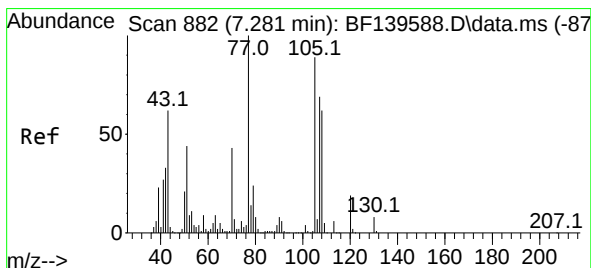
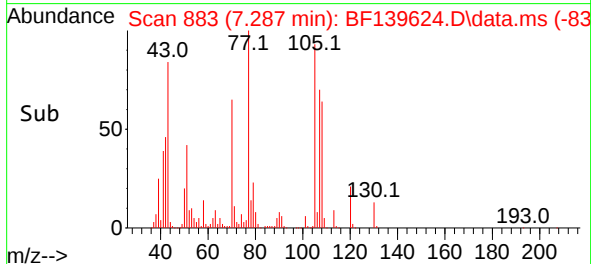
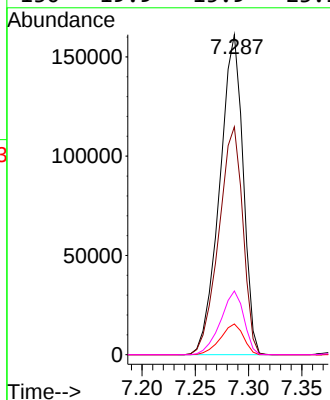
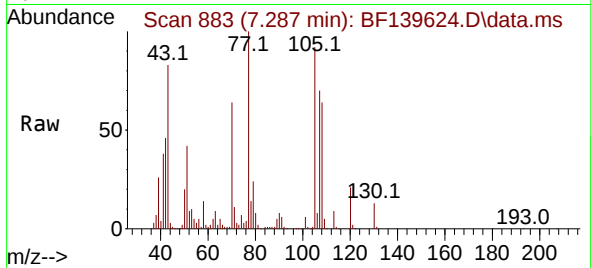
ClientSampleId :

PB163732BSD

Tgt Ion: 70 Resp: 246460
Ion Ratio Lower Upper
70 100
42 71.2 58.0 87.0
101 9.6 7.8 11.8
130 19.9 15.9 23.9

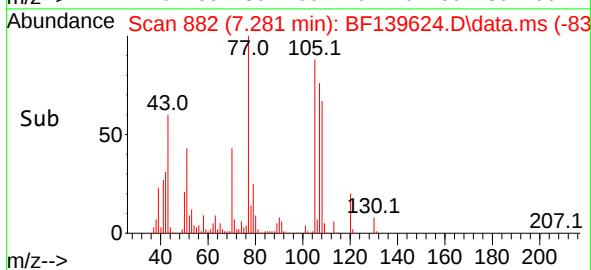
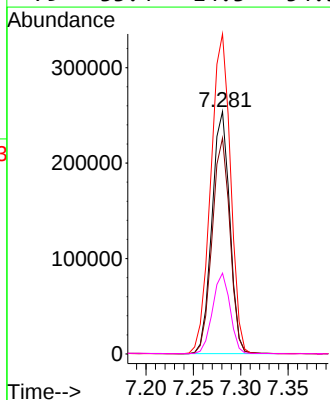
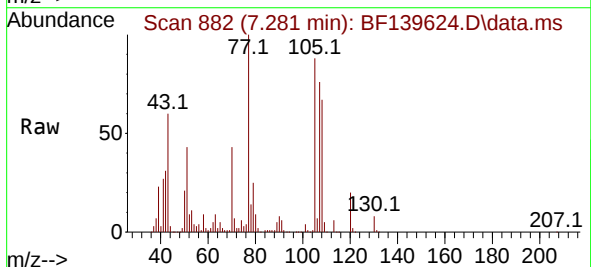
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#20
3+4-Methylphenols
Concen: 51.413 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Tgt Ion:107 Resp: 331844
Ion Ratio Lower Upper
107 100
108 89.1 70.2 110.2
77 132.0 125.3 165.3
79 33.4 14.3 54.3





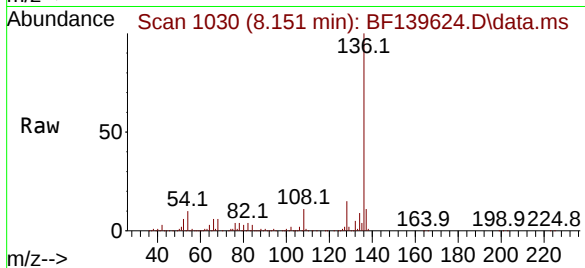
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD



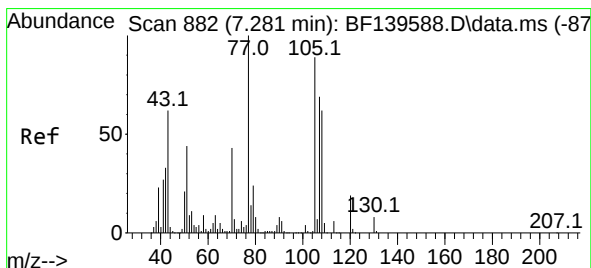
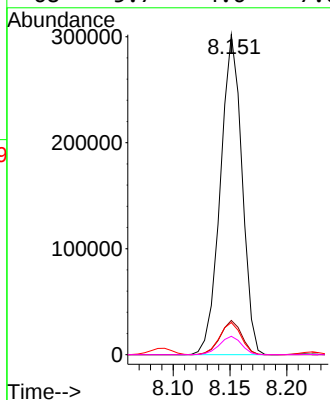
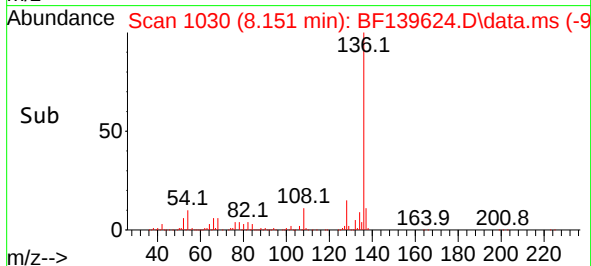
Tgt Ion:136 Resp: 399223
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.1 8.3 12.5
68 5.7 4.6 7.0

Manual Integrations

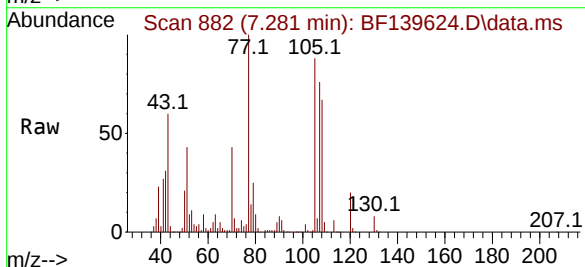
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

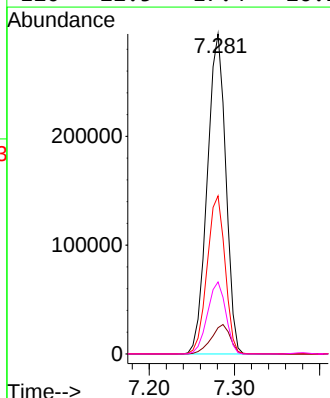
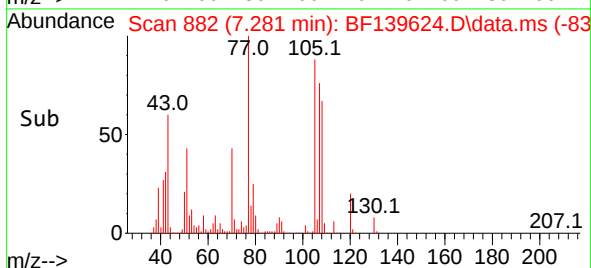
Supervised By :mohammad ahmed 10/05/2024



#22
Acetophenone
Concen: 46.760 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48



Tgt Ion:105 Resp: 443116
Ion Ratio Lower Upper
105 100
71 8.2 6.6 10.0
51 49.4 39.4 59.0
120 22.5 17.4 26.2





#23

Nitrobenzene-d5

Concen: 91.350 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF139624.D

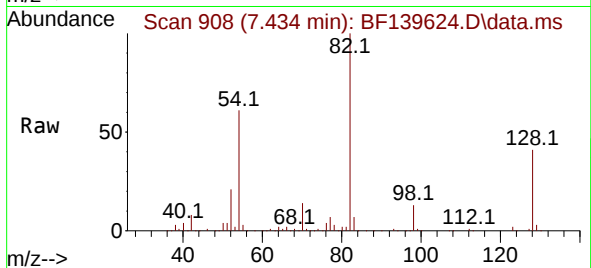
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD



Tgt Ion: 82 Resp: 720299

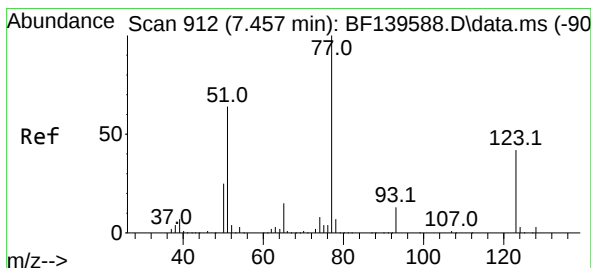
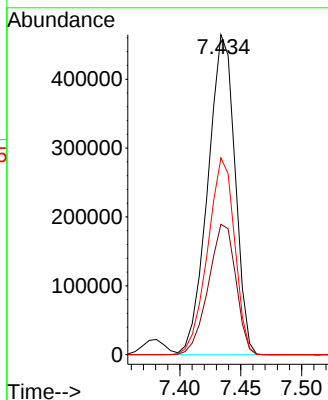
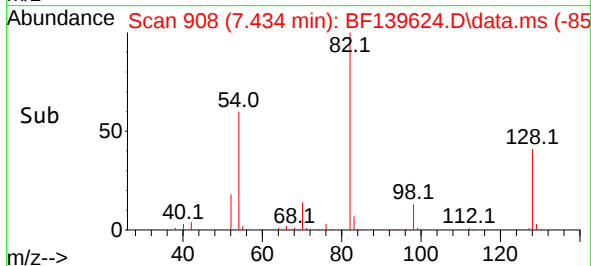
Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.4	48.6
54	61.5	49.1	73.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#24

Nitrobenzene

Concen: 46.052 ng

RT: 7.457 min Scan# 912

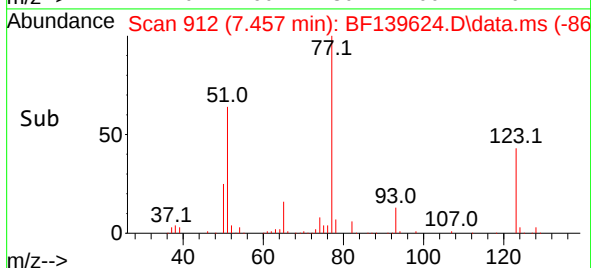
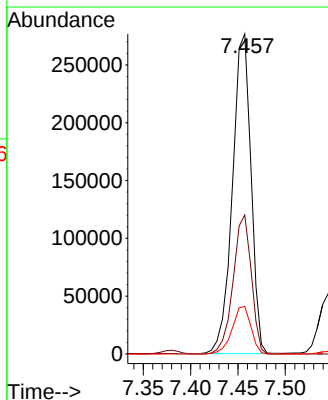
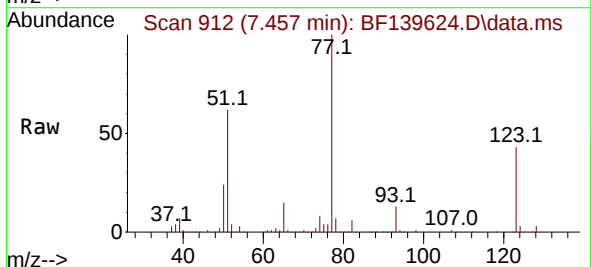
Delta R.T. -0.000 min

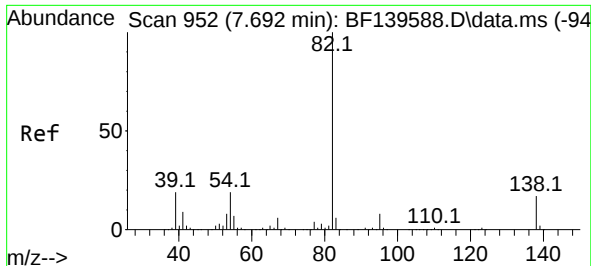
Lab File: BF139624.D

Acq: 03 Oct 2024 11:48

Tgt Ion: 77 Resp: 376011

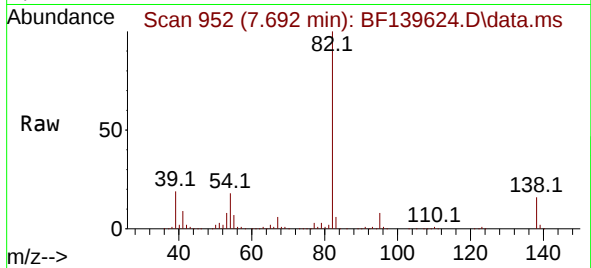
Ion	Ratio	Lower	Upper
77	100		
123	43.5	34.2	51.4
65	14.9	12.1	18.1





#25
Isophorone
Concen: 48.889 ng
RT: 7.692 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

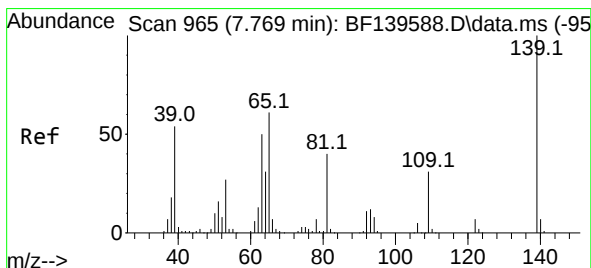
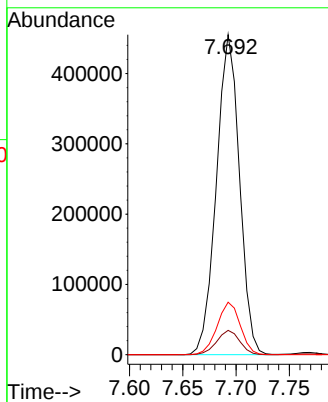
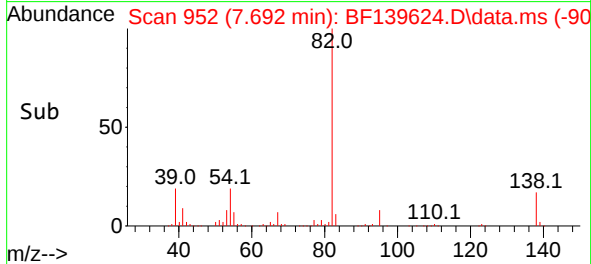
Instrument :
BNA_F
ClientSampleId :
PB163732BSD



Tgt Ion: 82 Resp: 684680
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 16.4 13.4 20.2

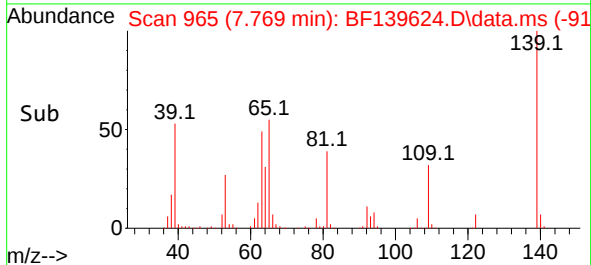
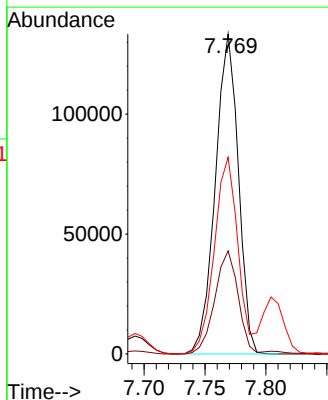
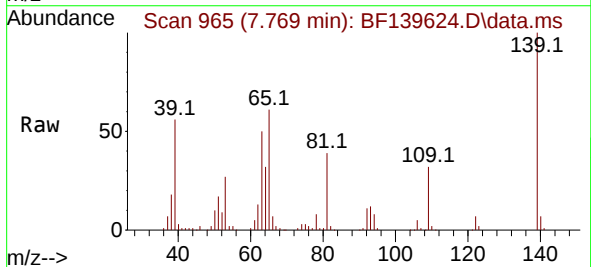
Manual Integrations
APPROVED

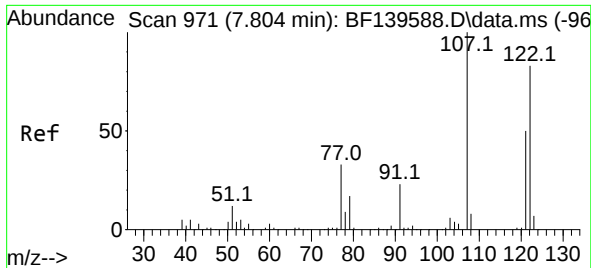
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#26
2-Nitrophenol
Concen: 50.031 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Tgt Ion:139 Resp: 175613
Ion Ratio Lower Upper
139 100
109 32.2 24.9 37.3
65 61.4 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 60.771 ng m

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139624.D

Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD

Tgt Ion:122 Resp: 26113

Ion Ratio Lower Upper

122 100

107 119.4 95.4 143.0

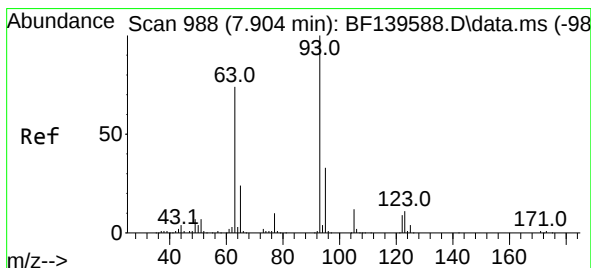
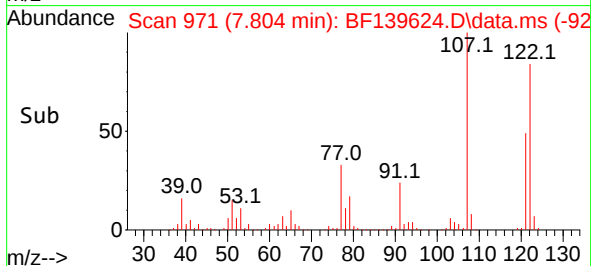
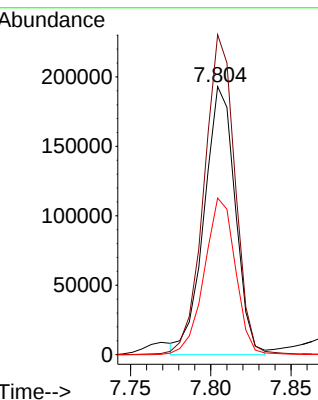
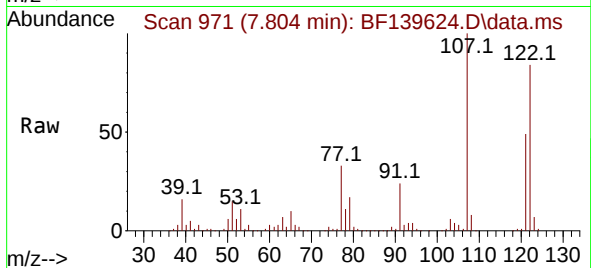
121 58.4 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#28

bis(2-Chloroethoxy)methane

Concen: 47.189 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF139624.D

Acq: 03 Oct 2024 11:48

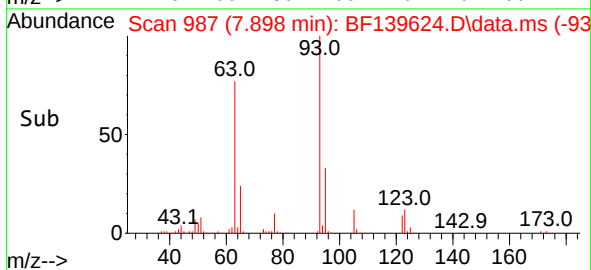
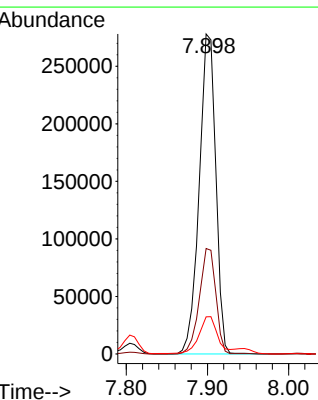
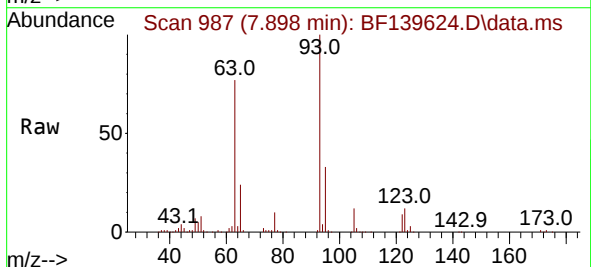
Tgt Ion: 93 Resp: 394630

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.759 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139624.D

Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD

Tgt Ion:162 Resp: 27889

Ion Ratio Lower Upper

162 100

164 63.5 43.1 83.1

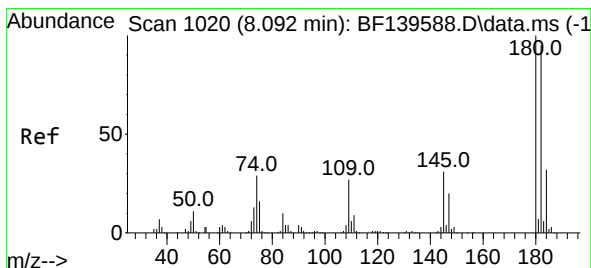
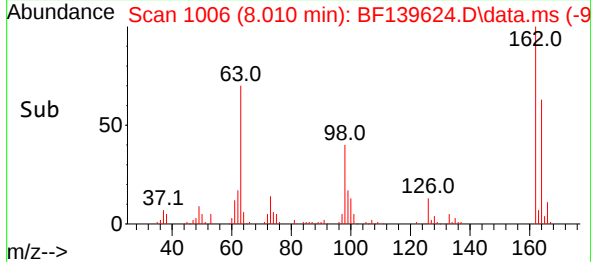
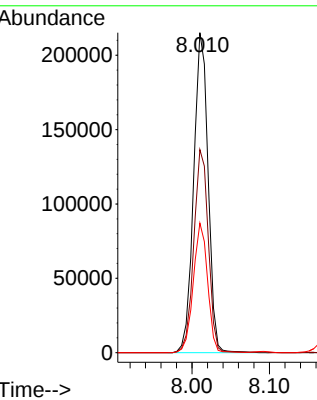
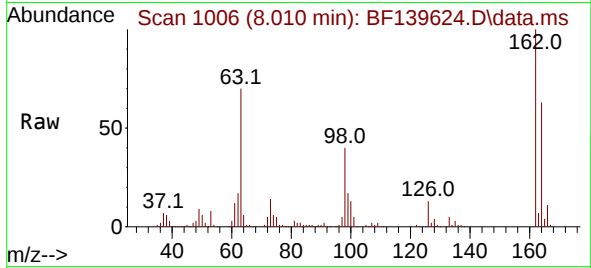
98 40.5 20.8 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.469 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139624.D

Acq: 03 Oct 2024 11:48

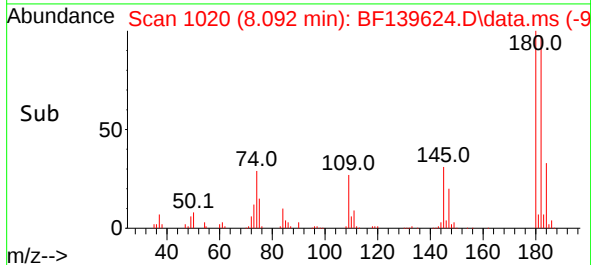
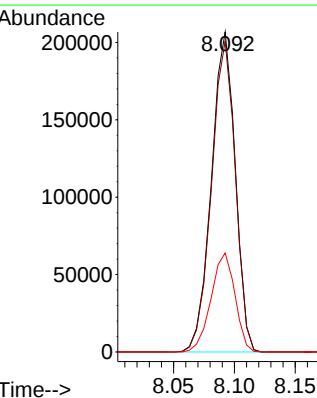
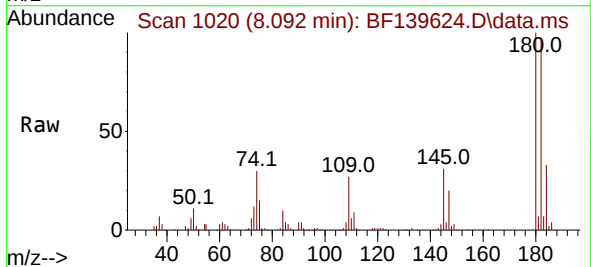
Tgt Ion:180 Resp: 281867

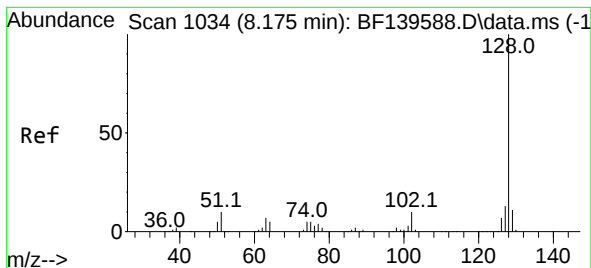
Ion Ratio Lower Upper

180 100

182 97.1 76.0 114.0

145 31.0 25.0 37.6





#31
Naphthalene
Concen: 46.626 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

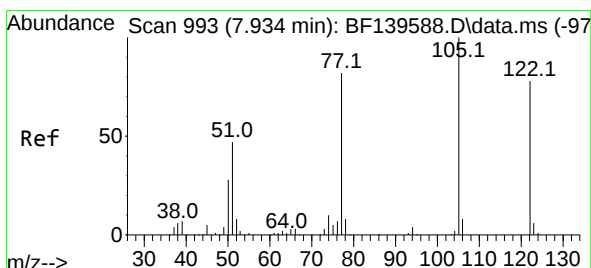
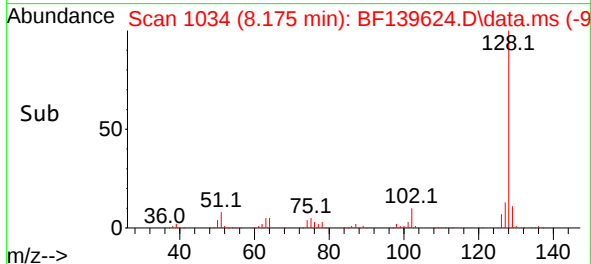
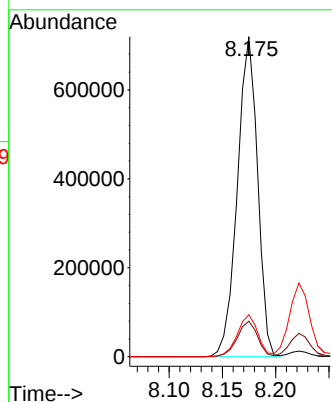
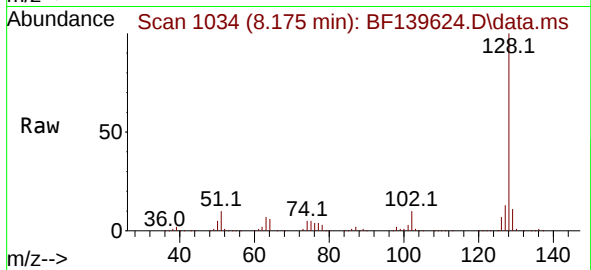
PB163732BSD

Tgt Ion:128 Resp: 95171
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.5 15.7

Manual Integrations

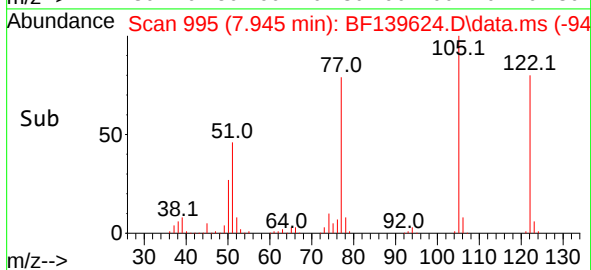
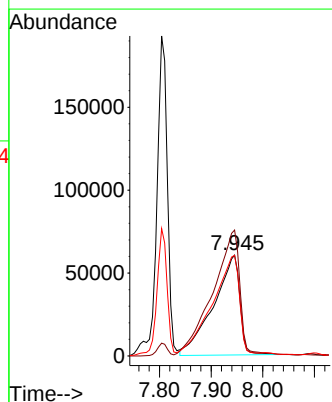
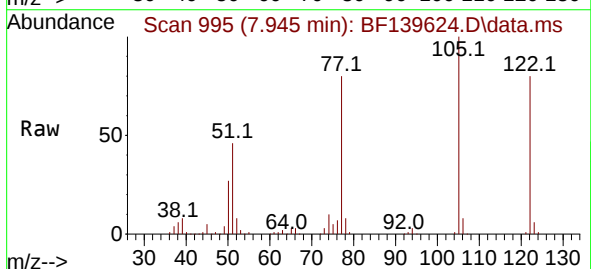
APPROVED

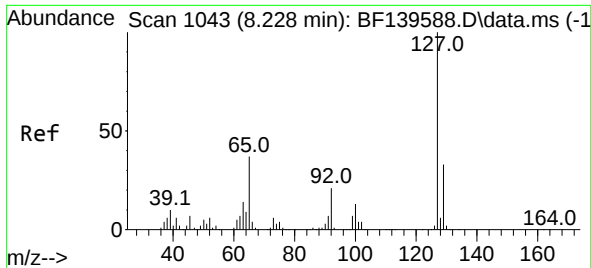
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#32
Benzoic acid
Concen: 49.712 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Tgt Ion:122 Resp: 212411
Ion Ratio Lower Upper
122 100
105 124.8 104.9 144.9
77 99.9 82.7 122.7





#33
4-Chloroaniline
Concen: 32.635 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

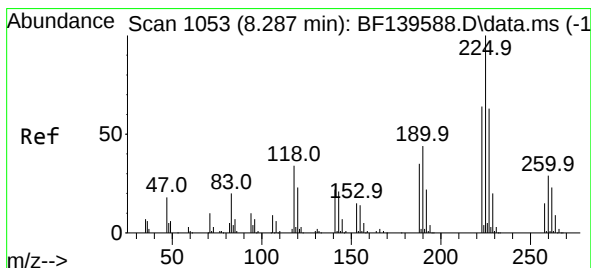
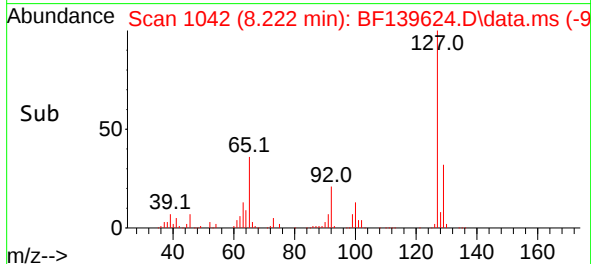
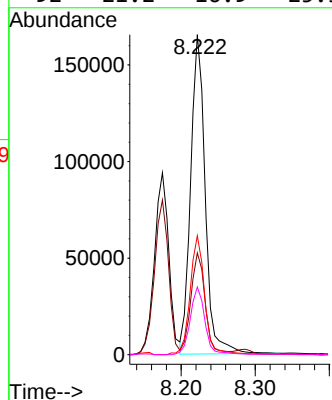
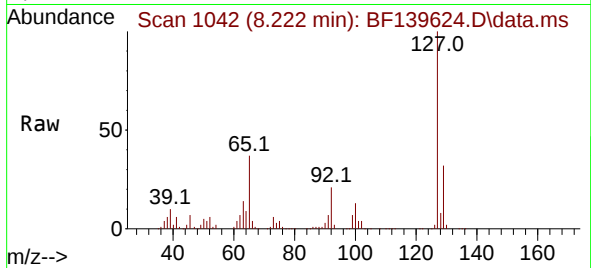
ClientSampleId :

PB163732BSD

Tgt Ion:127 Resp: 225484
Ion Ratio Lower Upper
127 100
129 31.8 26.2 39.4
65 37.1 29.3 43.9
92 21.2 16.9 25.3

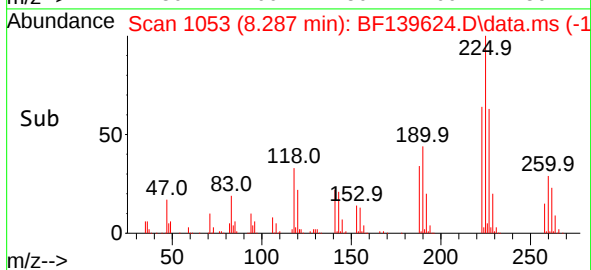
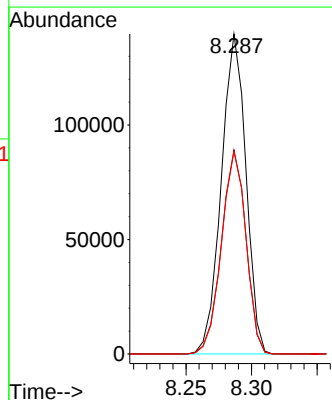
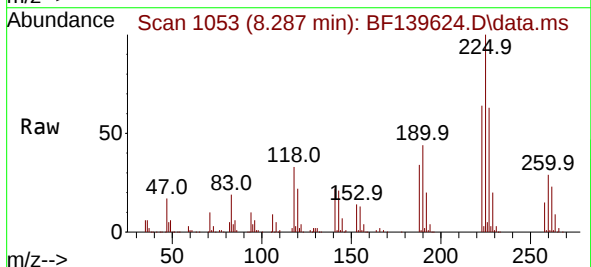
Manual Integrations
APPROVED

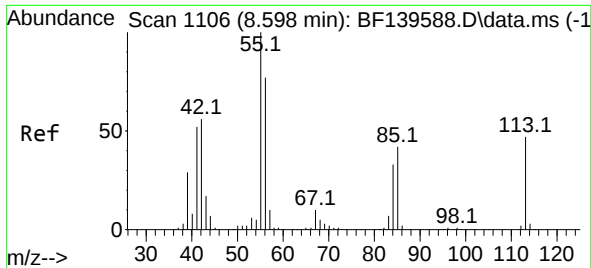
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#34
Hexachlorobutadiene
Concen: 44.396 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Tgt Ion:225 Resp: 182108
Ion Ratio Lower Upper
225 100
223 63.8 50.9 76.3
227 63.2 50.7 76.1





#35
 Caprolactam
 Concen: 50.977 ng m
 RT: 8.604 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF139624.D
 Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

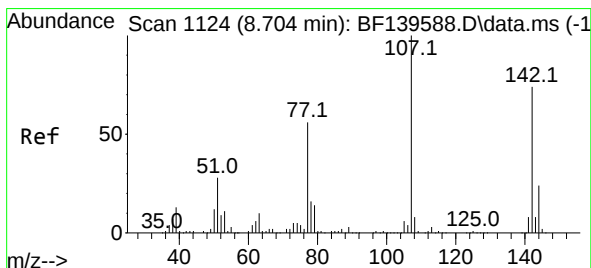
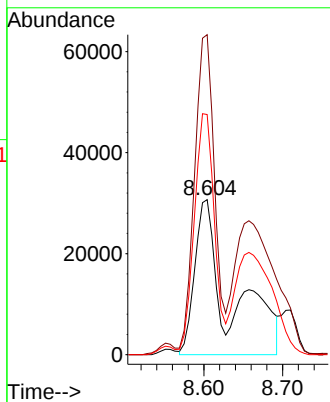
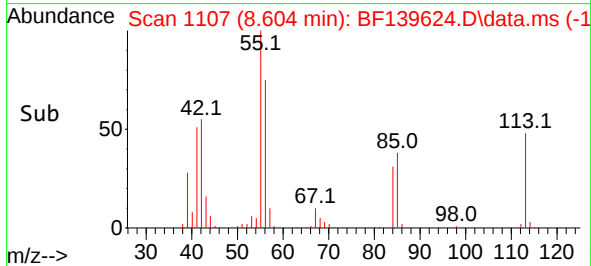
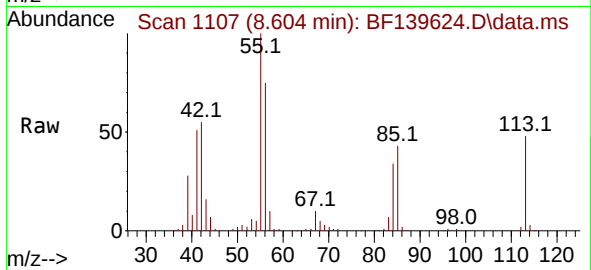
ClientSampleId :

PB163732BSD

Tgt Ion:113 Resp: 9371
 Ion Ratio Lower Upper
 113 100
 55 206.4 193.4 233.4
 56 154.9 143.8 183.8

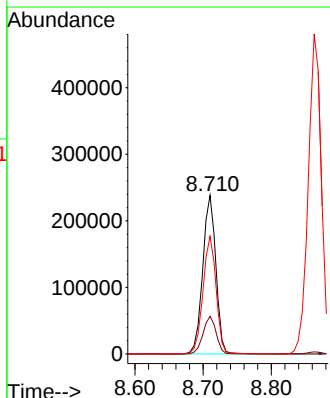
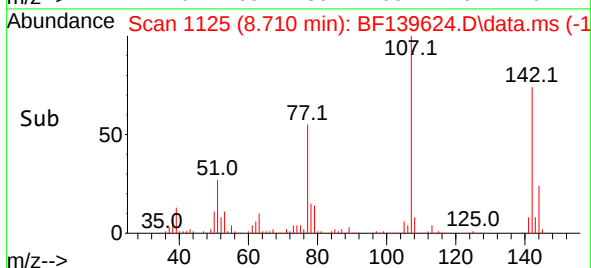
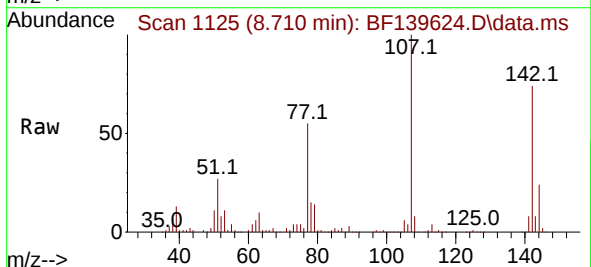
Manual Integrations
 APPROVED

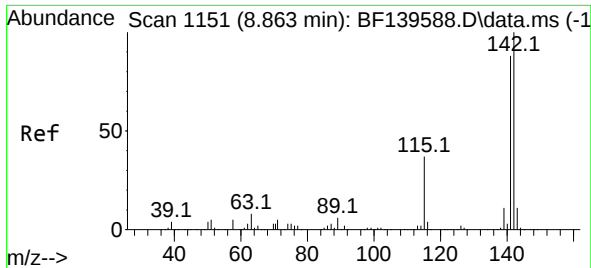
Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024



#36
 4-Chloro-3-methylphenol
 Concen: 50.353 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139624.D
 Acq: 03 Oct 2024 11:48

Tgt Ion:107 Resp: 319477
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.0 28.6
 142 74.2 59.2 88.8





#37

2-Methylnaphthalene

Concen: 47.629 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139624.D

Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD

Tgt Ion:142 Resp: 63318

Ion Ratio Lower Upper

142 100

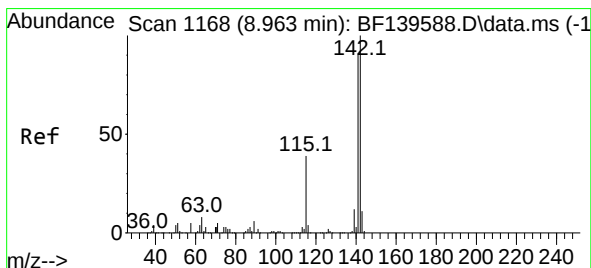
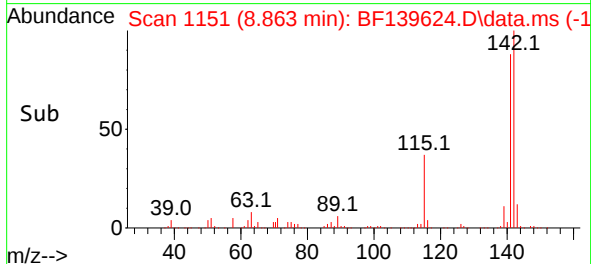
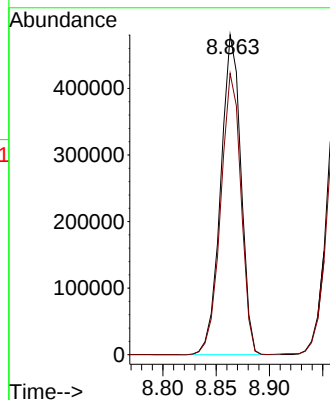
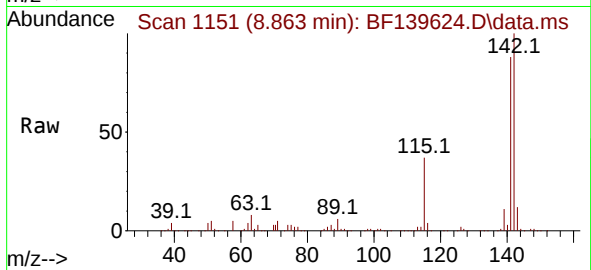
141 87.9 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#38

1-Methylnaphthalene

Concen: 45.646 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139624.D

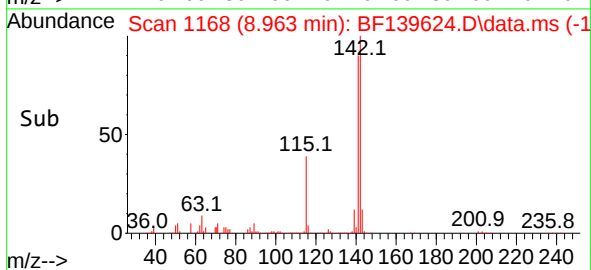
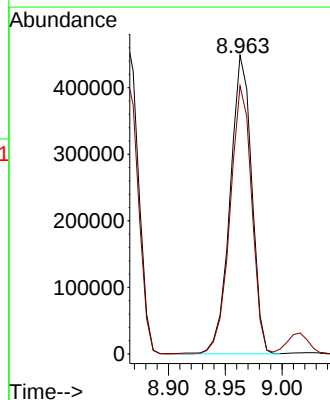
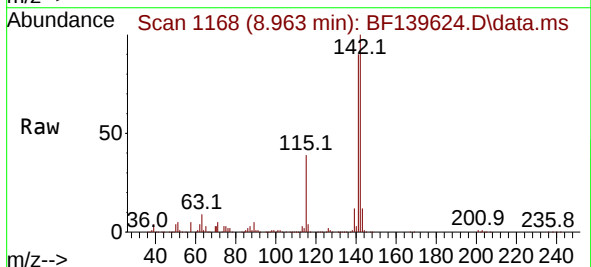
Acq: 03 Oct 2024 11:48

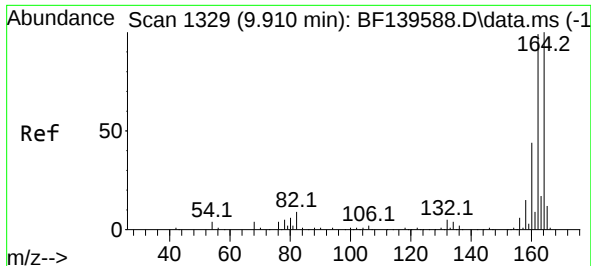
Tgt Ion:142 Resp: 593146

Ion Ratio Lower Upper

142 100

141 89.8 73.0 109.4





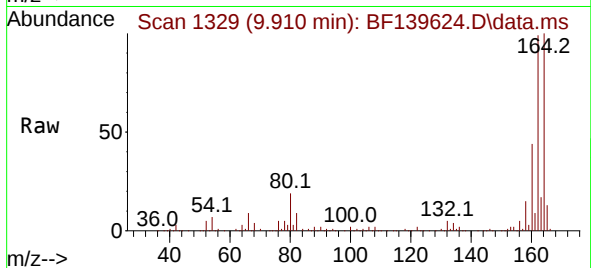
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

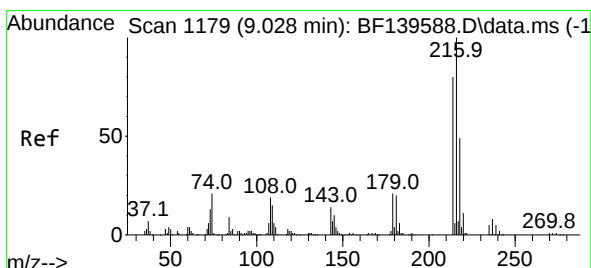
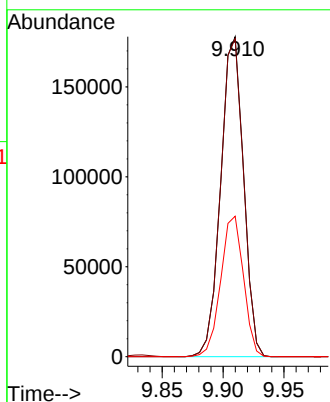
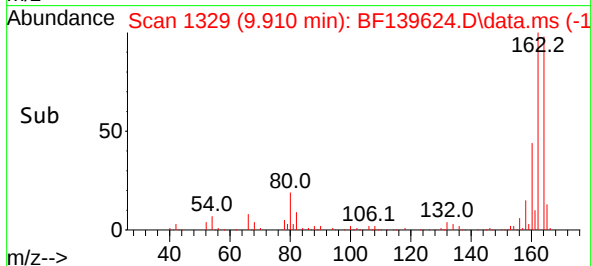
PB163732BSD



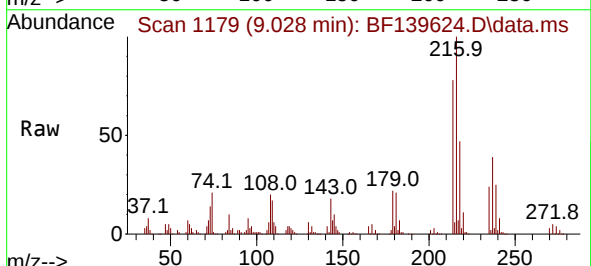
Tgt Ion:164 Resp: 232018
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.0
160 43.9 35.1 52.7

Manual Integrations
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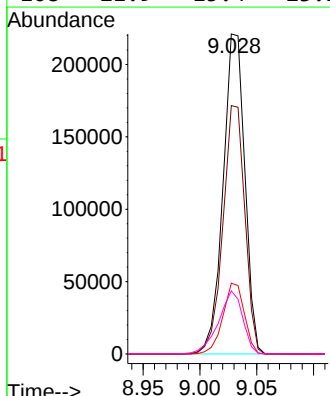
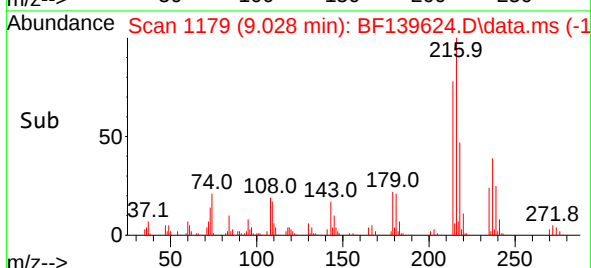
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

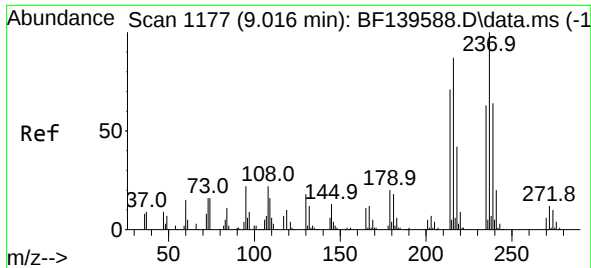


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.760 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48



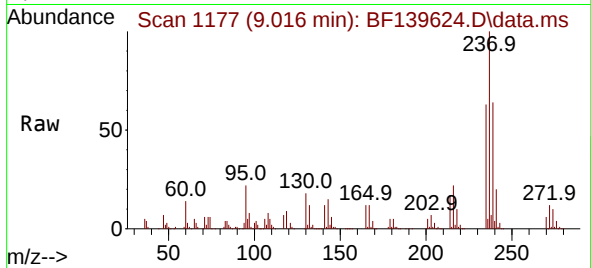
Tgt Ion:216 Resp: 294826
Ion Ratio Lower Upper
216 100
214 77.8 63.7 95.5
179 21.8 16.9 25.3
108 21.9 15.4 23.2





#41
Hexachlorocyclopentadiene
Concen: 175.347 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

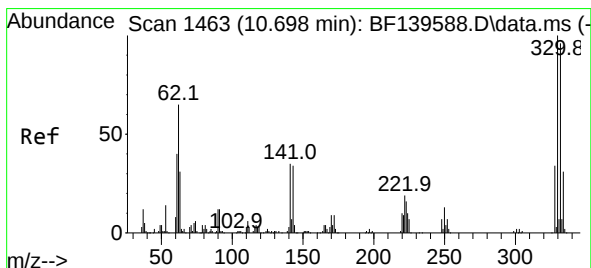
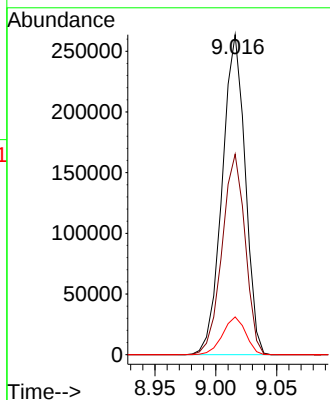
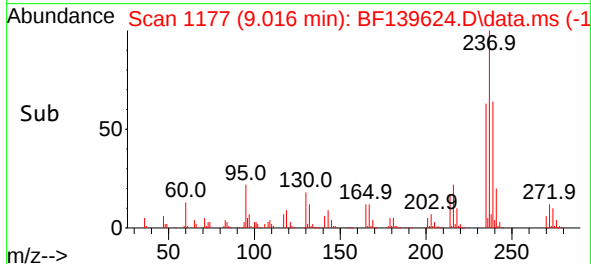
Instrument :
BNA_F
ClientSampleId :
PB163732BSD



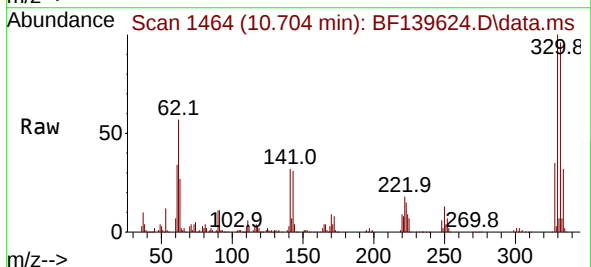
Tgt Ion:237 Resp: 346409
Ion Ratio Lower Upper
237 100
235 62.6 42.5 82.5
272 11.8 0.0 32.1

Manual Integrations
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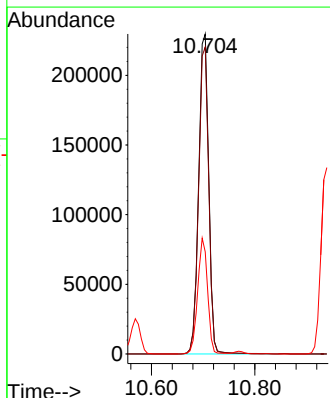
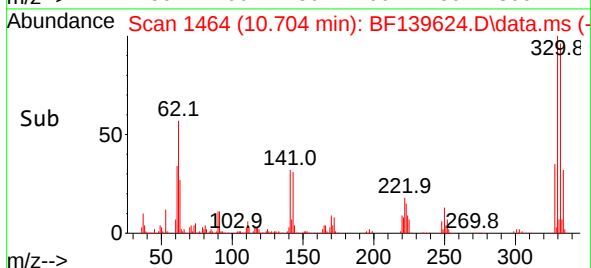
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#42
2,4,6-Tribromophenol
Concen: 138.804 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48



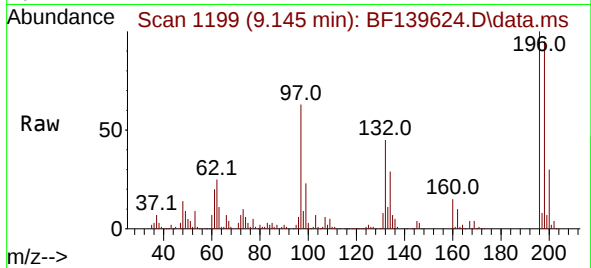
Tgt Ion:330 Resp: 310887
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 35.5 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 49.791 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

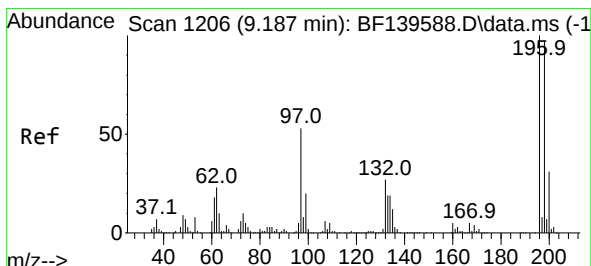
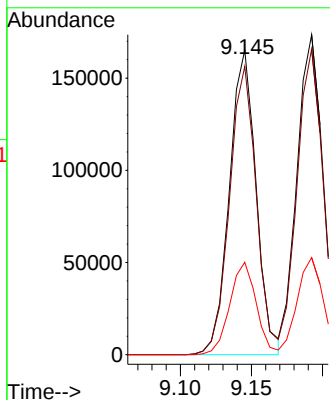
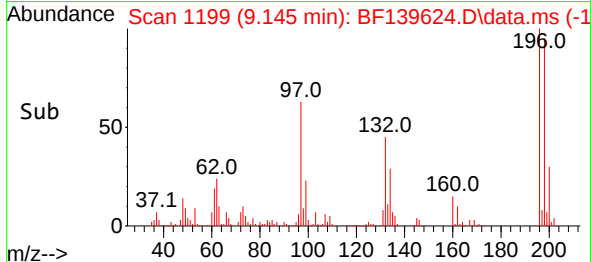
Instrument :
BNA_F
ClientSampleId :
PB163732BSD



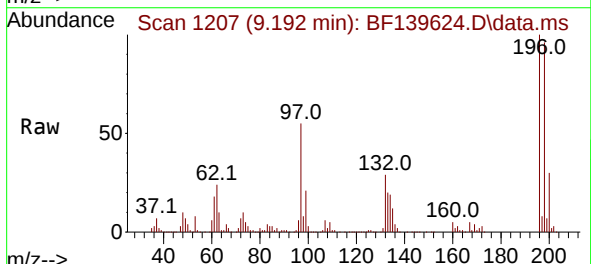
Tgt Ion:196 Resp: 21625
Ion Ratio Lower Upper
196 100
198 94.6 75.2 112.8
200 30.4 24.6 37.0

Manual Integrations
APPROVED

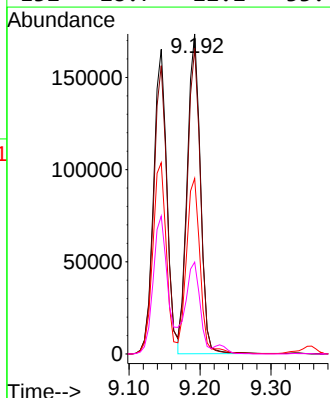
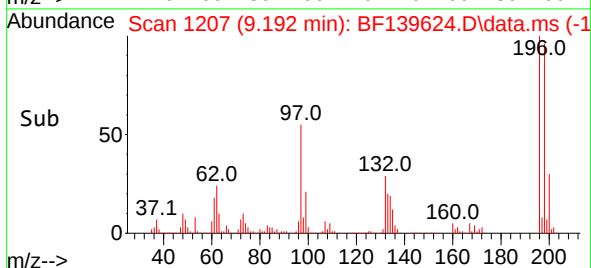
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

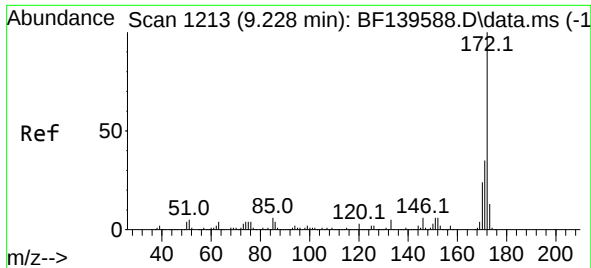


#44
2,4,5-Trichlorophenol
Concen: 47.670 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48



Tgt Ion:196 Resp: 223282
Ion Ratio Lower Upper
196 100
198 95.5 77.5 116.3
97 54.8 43.1 64.7
132 28.7 22.2 33.4





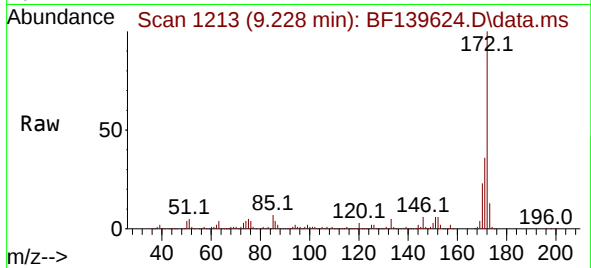
#45
2-Fluorobiphenyl
Concen: 89.297 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD



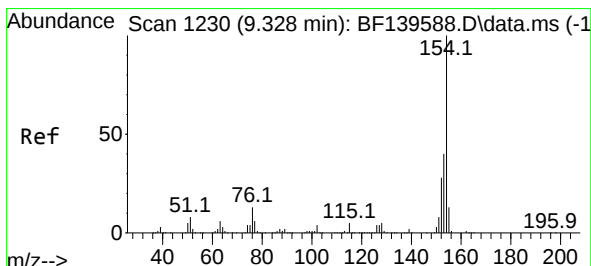
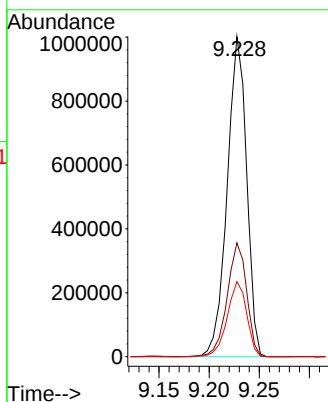
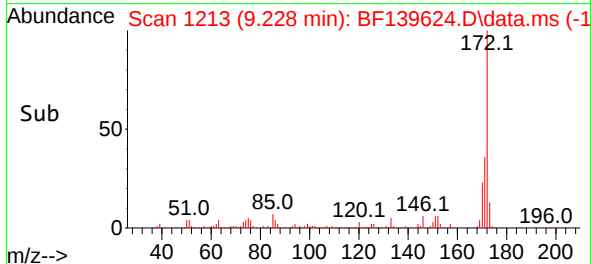
Tgt Ion:172 Resp: 1349579
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 23.5 18.8 28.2

Manual Integrations

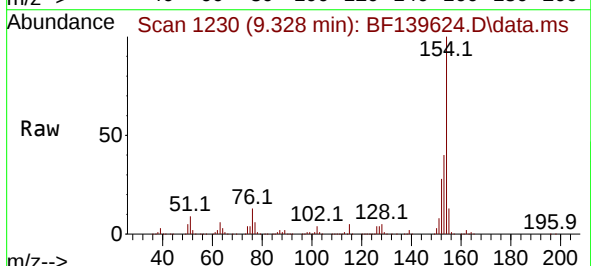
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

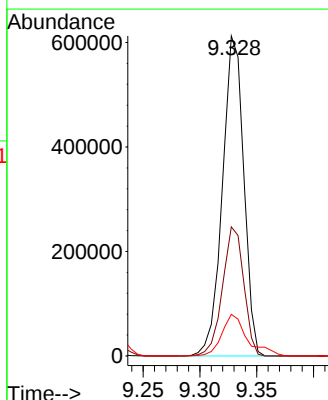
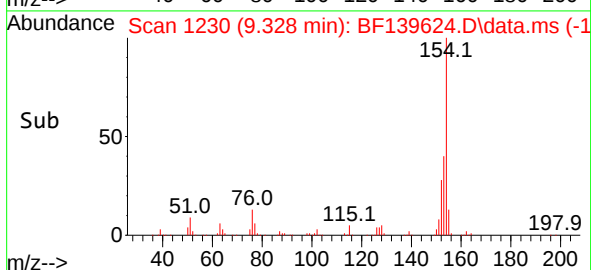
Supervised By :mohammad ahmed 10/05/2024



#46
1,1'-Biphenyl
Concen: 46.383 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48



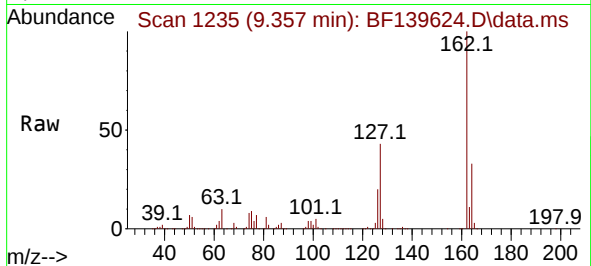
Tgt Ion:154 Resp: 800417
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 13.0 0.0 32.6





#47
2-Chloronaphthalene
Concen: 46.136 ng
RT: 9.357 min Scan# 1235
Delta R.T. 0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

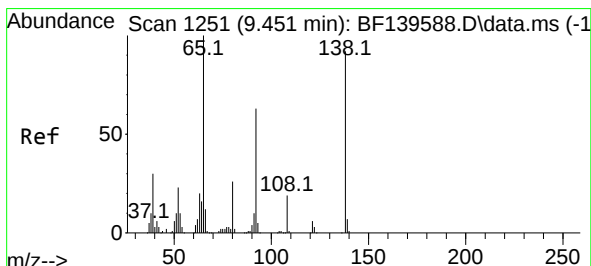
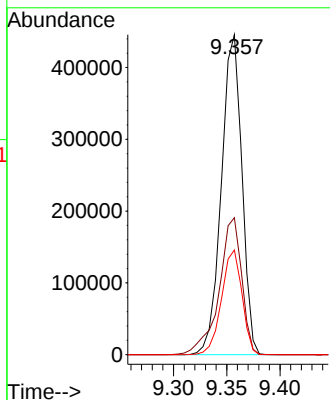
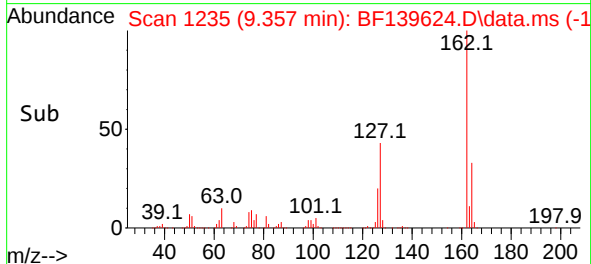
Instrument :
BNA_F
ClientSampleId :
PB163732BSD



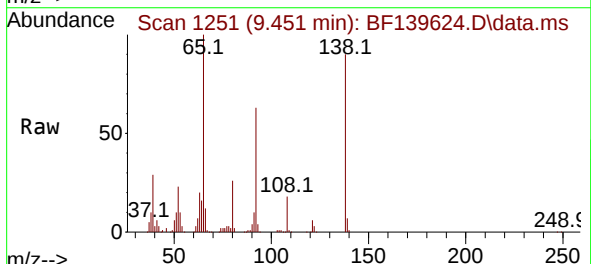
Tgt Ion:162 Resp: 59686
Ion Ratio Lower Upper
162 100
127 42.8 35.0 52.4
164 32.7 26.1 39.1

Manual Integrations
APPROVED

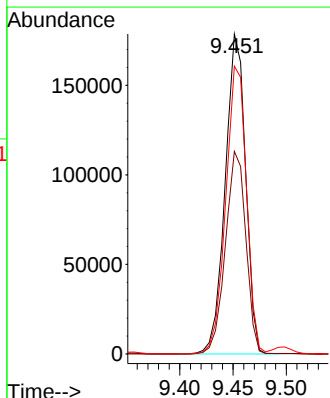
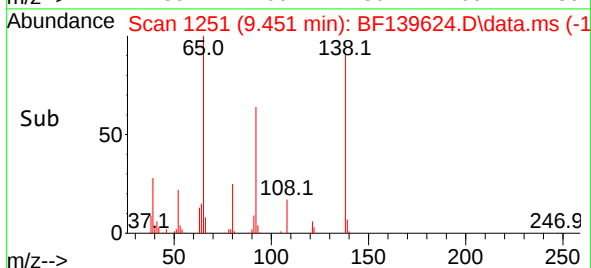
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

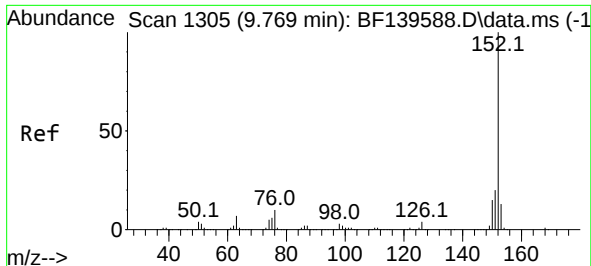


#48
2-Nitroaniline
Concen: 51.246 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48



Tgt Ion: 65 Resp: 237984
Ion Ratio Lower Upper
65 100
92 63.3 50.0 75.0
138 90.0 73.8 110.8





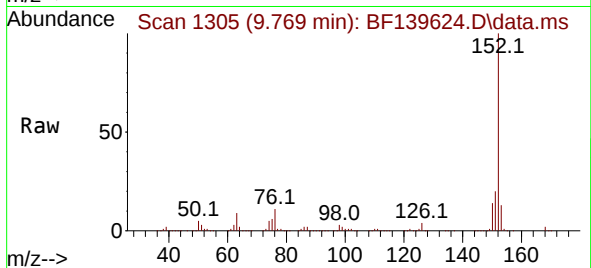
#49
Acenaphthylene
Concen: 50.898 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD



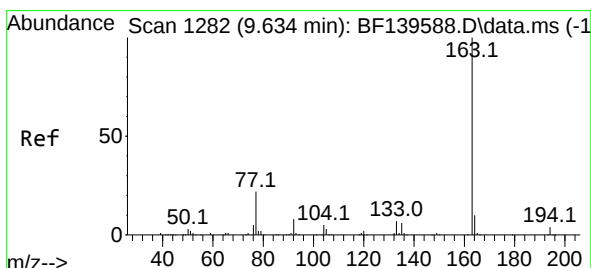
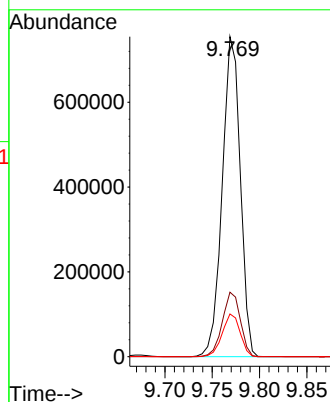
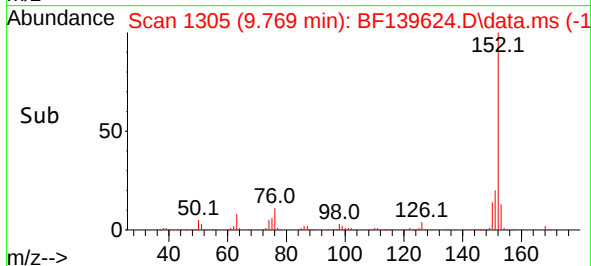
Tgt Ion:152 Resp: 1001369
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.4 10.5 15.7

Manual Integrations

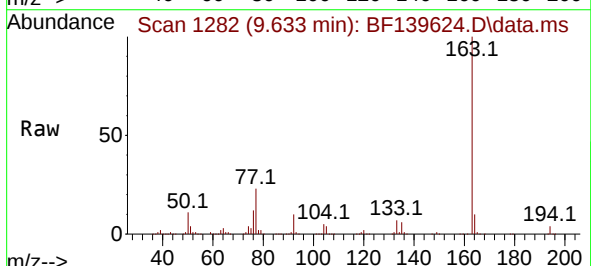
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

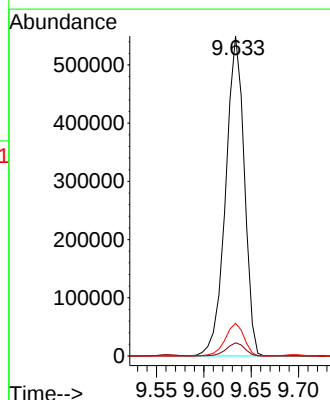
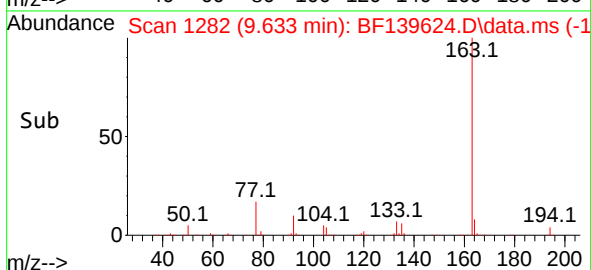
Supervised By :mohammad ahmed 10/05/2024



#50
Dimethylphthalate
Concen: 49.518 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48



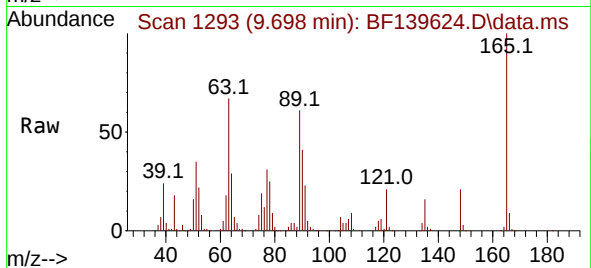
Tgt Ion:163 Resp: 752079
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 48.113 ng
RT: 9.698 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

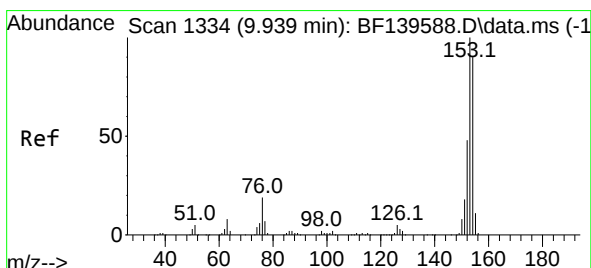
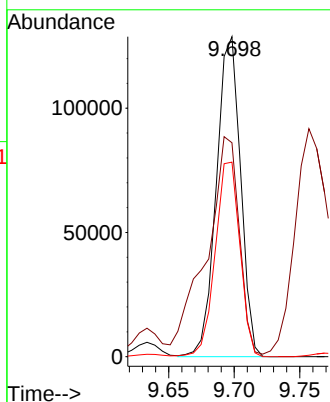
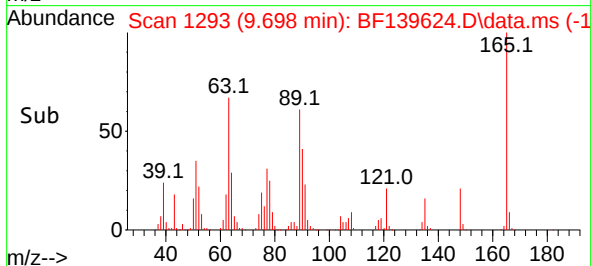
Instrument :
BNA_F
ClientSampleId :
PB163732BSD



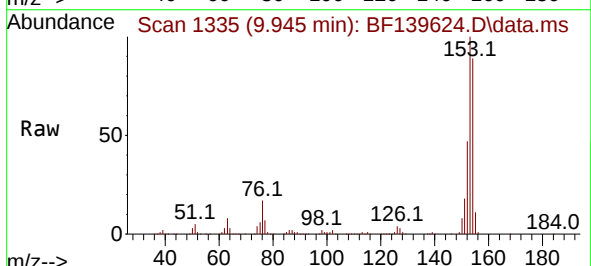
Tgt Ion:165 Resp: 165072
Ion Ratio Lower Upper
165 100
63 66.8 56.7 85.1
89 60.8 51.6 77.4

Manual Integrations
APPROVED

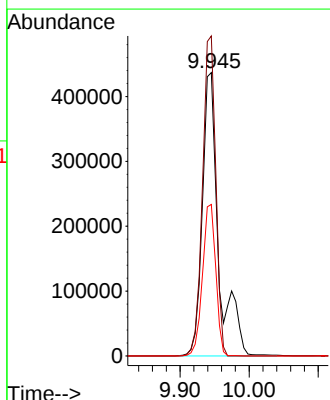
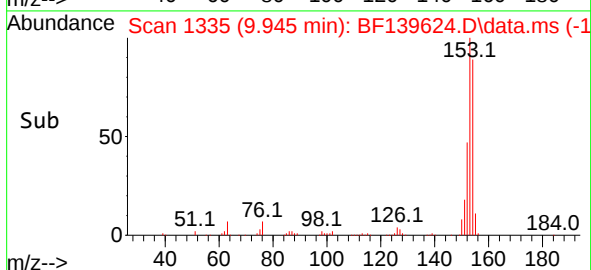
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

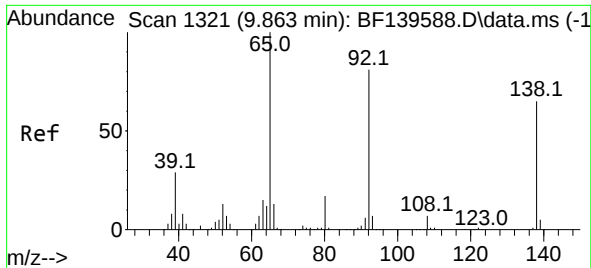


#52
Acenaphthene
Concen: 53.484 ng m
RT: 9.945 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48



Tgt Ion:154 Resp: 722368
Ion Ratio Lower Upper
154 100
153 112.9 88.8 133.2
152 53.5 42.5 63.7





#53
3-Nitroaniline
Concen: 38.790 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

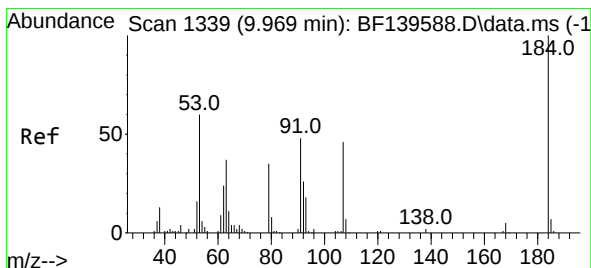
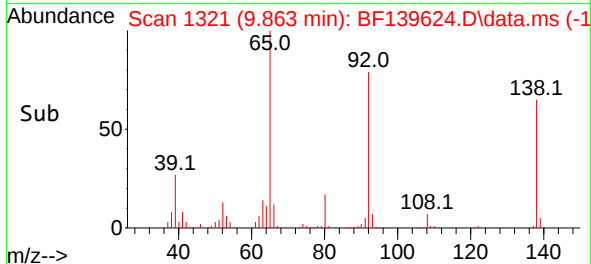
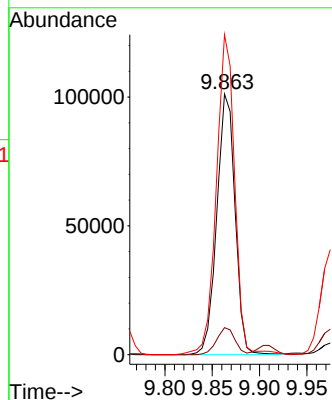
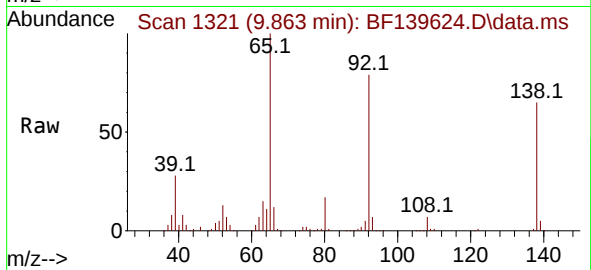
ClientSampleId :

PB163732BSD

Tgt Ion:138 Resp: 136004
Ion Ratio Lower Upper
138 100
108 10.4 8.8 13.2
92 122.7 100.0 150.0

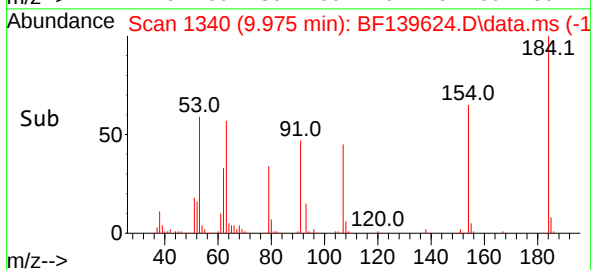
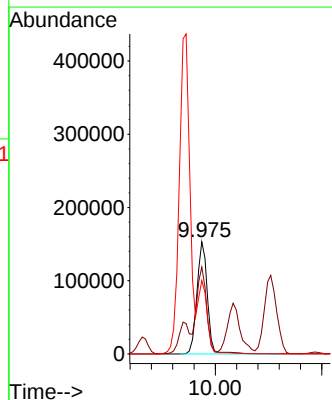
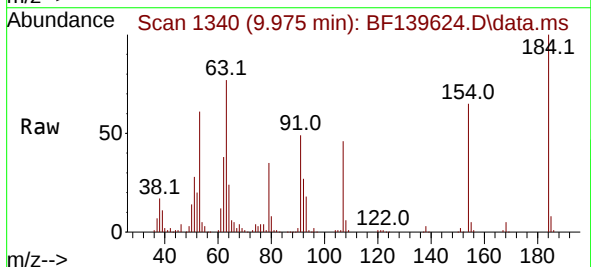
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#54
2,4-Dinitrophenol
Concen: 114.078 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

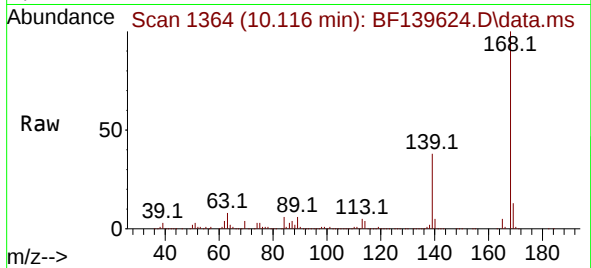
Tgt Ion:184 Resp: 210516
Ion Ratio Lower Upper
184 100
63 77.5 61.7 92.5
154 65.4 53.0 79.4





#55
Dibenzenofuran
Concen: 48.061 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

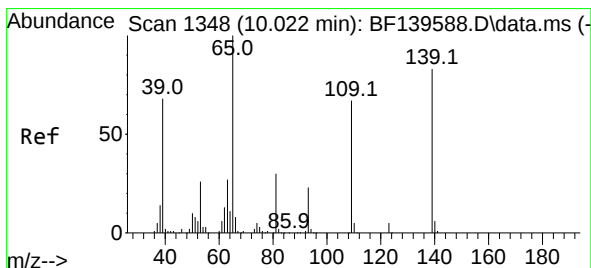
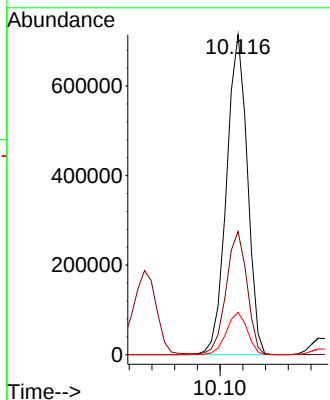
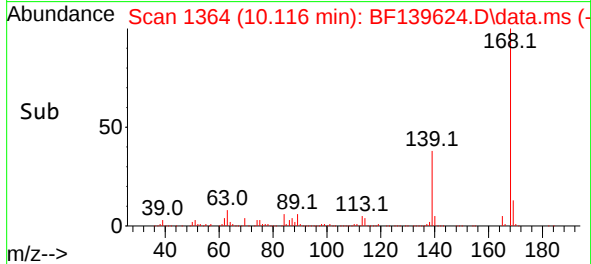
Instrument :
BNA_F
ClientSampleId :
PB163732BSD



Tgt Ion:168 Resp: 90887
Ion Ratio Lower Upper
168 100
139 38.5 30.4 45.6
169 13.3 10.7 16.1

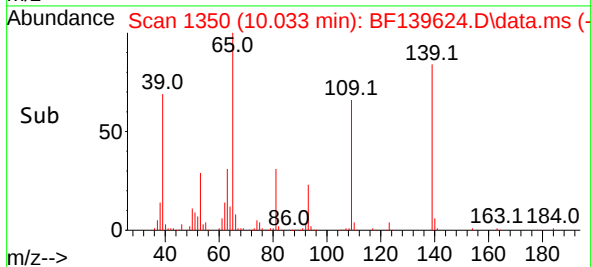
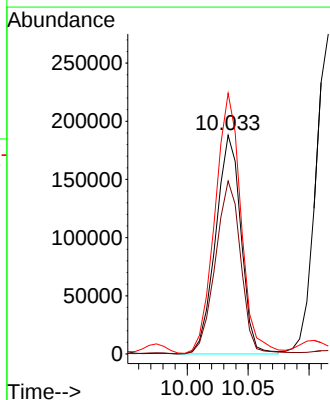
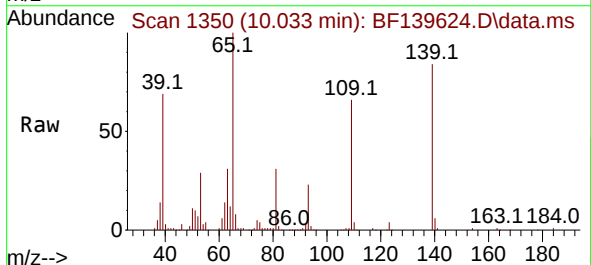
Manual Integrations
APPROVED

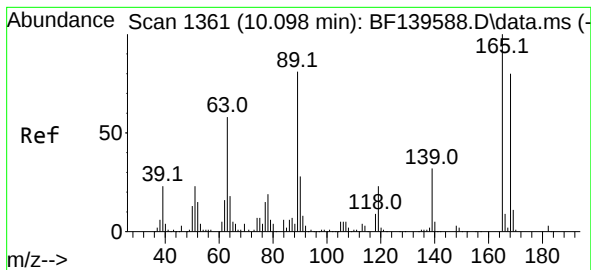
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#56
4-Nitrophenol
Concen: 101.628 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Tgt Ion:139 Resp: 271724
Ion Ratio Lower Upper
139 100
109 79.1 60.3 100.3
65 119.2 100.8 140.8





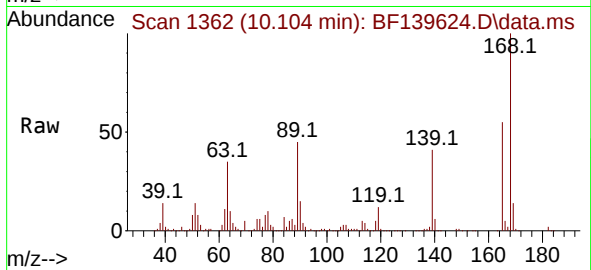
#57
2,4-Dinitrotoluene
Concen: 50.076 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD



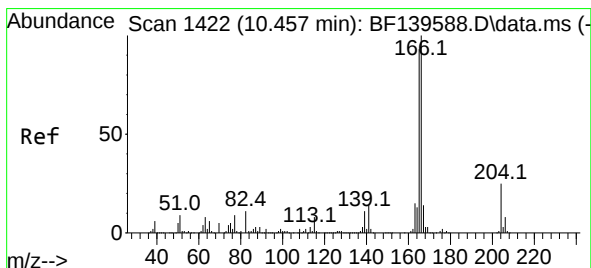
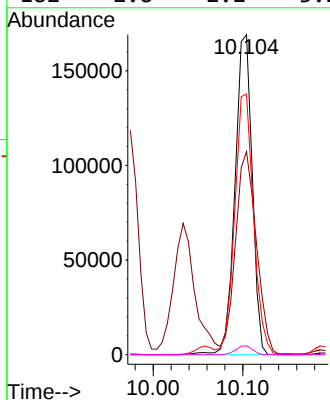
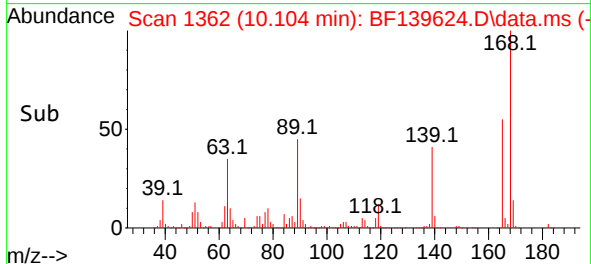
Tgt Ion:165 Resp: 22457
Ion Ratio Lower Upper
165 100
63 63.4 46.9 70.3
89 81.4 64.4 96.6
182 2.8 2.2 3.2

Manual Integrations

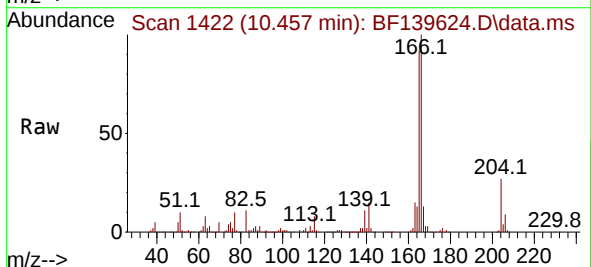
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

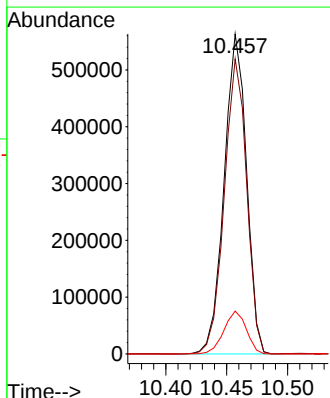
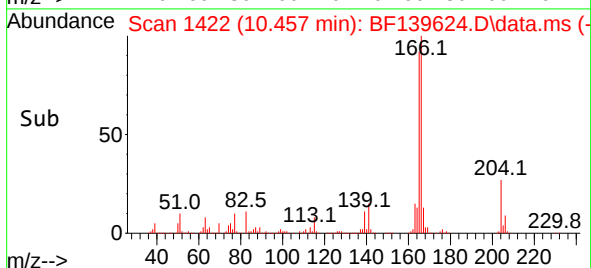
Supervised By :mohammad ahmed 10/05/2024



#58
Fluorene
Concen: 47.894 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48



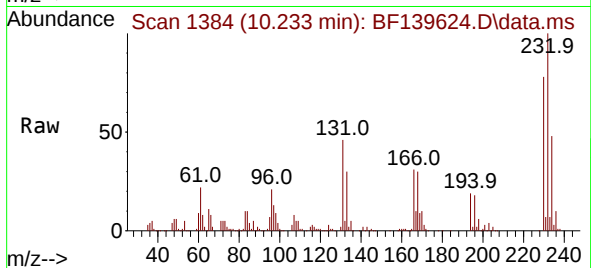
Tgt Ion:166 Resp: 721375
Ion Ratio Lower Upper
166 100
165 92.2 74.4 111.6
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.428 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

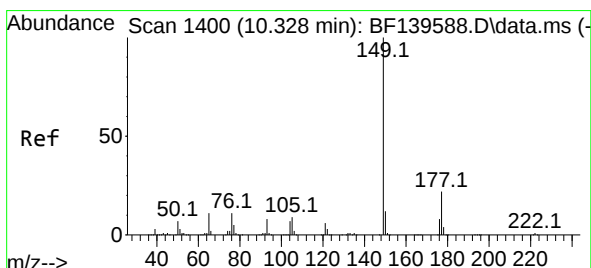
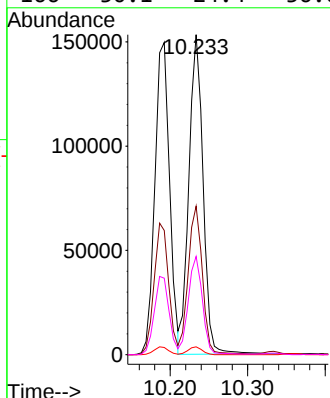
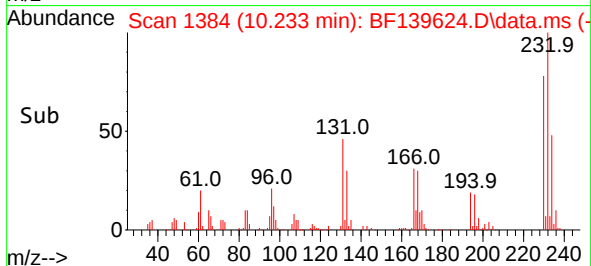
Instrument :
BNA_F
ClientSampleId :
PB163732BSD



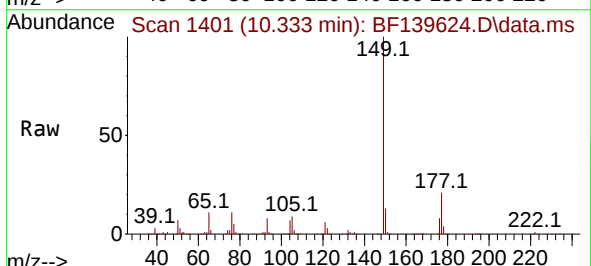
Tgt Ion:232 Resp: 19455
Ion Ratio Lower Upper
232 100
131 46.5 37.8 56.6
130 2.4 1.9 2.9
166 30.1 24.4 36.6

Manual Integrations
APPROVED

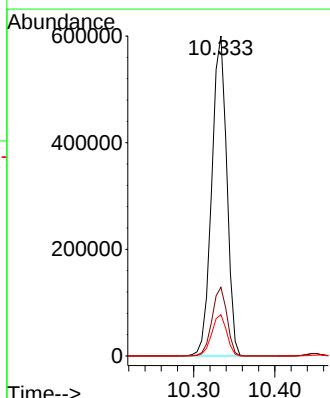
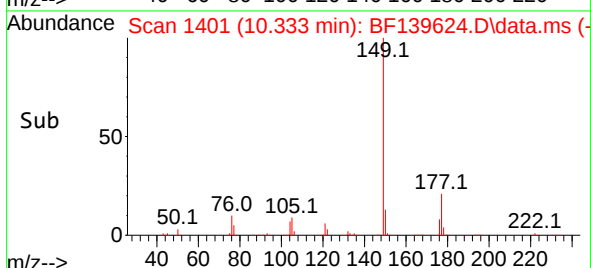
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

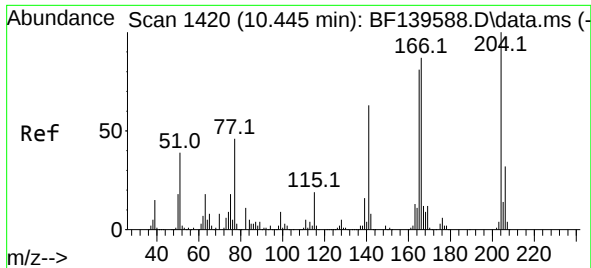


#60
Diethylphthalate
Concen: 49.164 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48



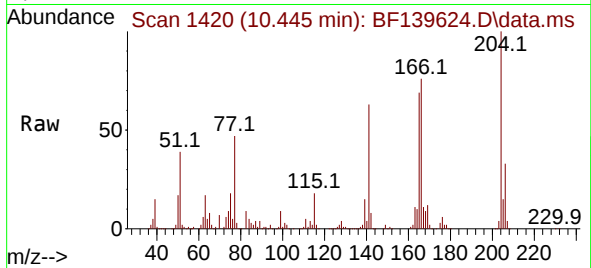
Tgt Ion:149 Resp: 771266
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.0
150 12.9 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.663 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

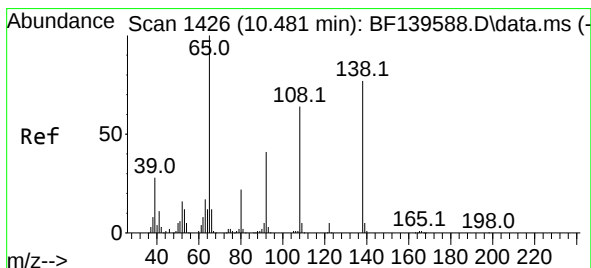
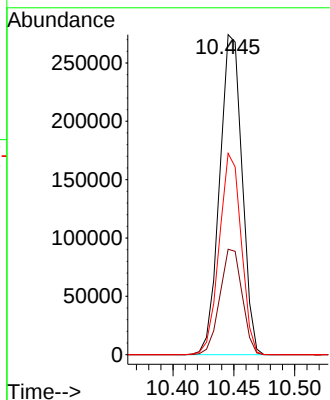
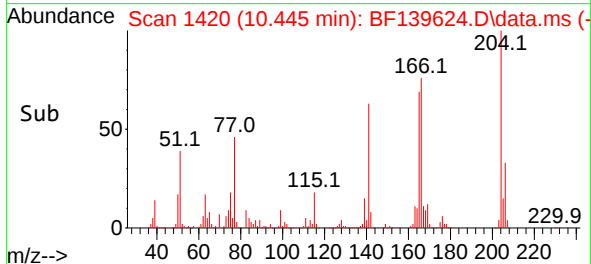
Instrument :
BNA_F
ClientSampleId :
PB163732BSD



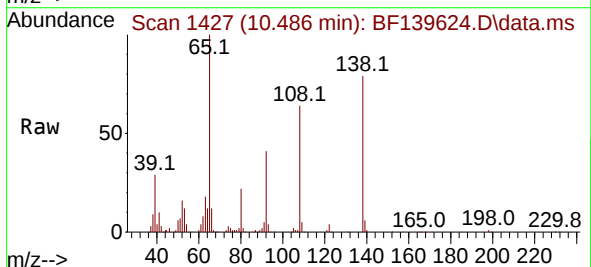
Tgt Ion:204 Resp: 351619
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 62.9 50.5 75.7

Manual Integrations
APPROVED

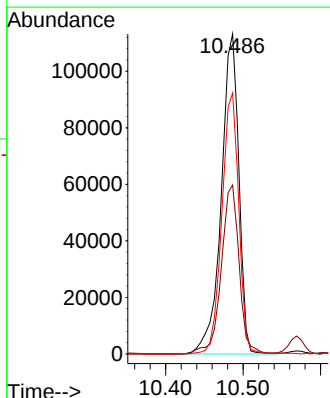
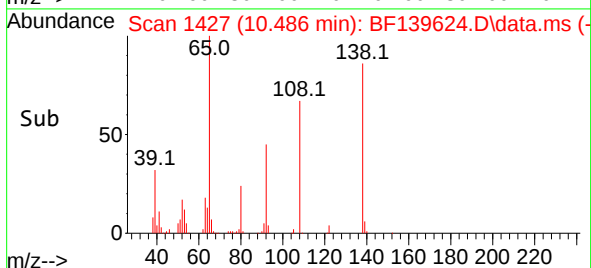
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

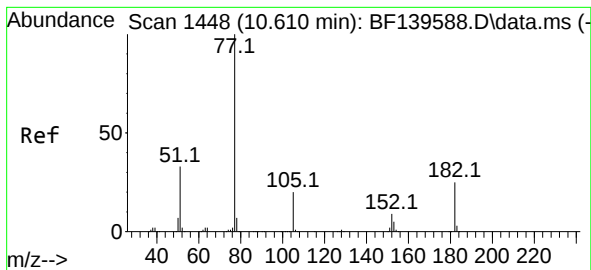


#62
4-Nitroaniline
Concen: 49.723 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48



Tgt Ion:138 Resp: 178322
Ion Ratio Lower Upper
138 100
92 52.8 33.3 73.3
108 81.5 62.1 102.1





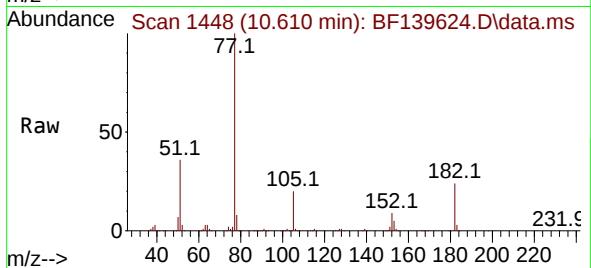
#63
Azobenzene
Concen: 49.382 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD



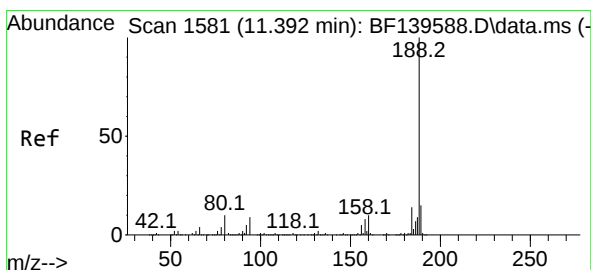
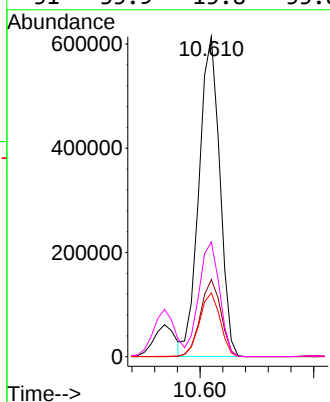
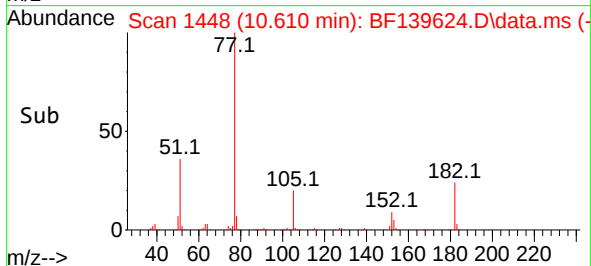
Tgt Ion: 77 Resp: 77907
Ion Ratio Lower Upper
77 100
182 24.1 4.2 44.2
105 20.0 0.0 39.6
51 35.9 15.8 55.8

Manual Integrations

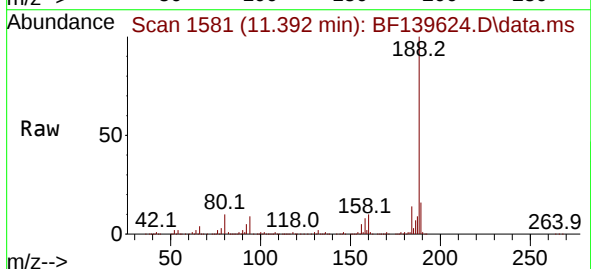
APPROVED

Reviewed By :Yogesh Patel 10/04/2024

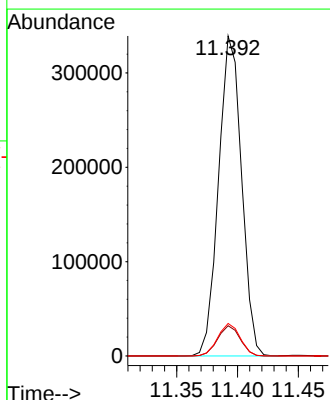
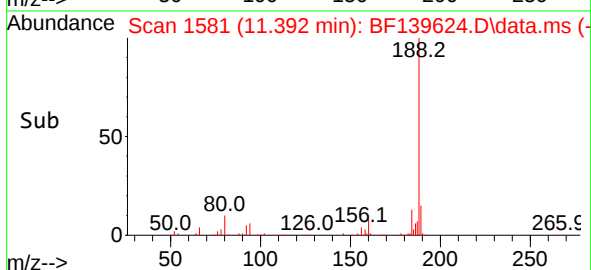
Supervised By :mohammad ahmed 10/05/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48



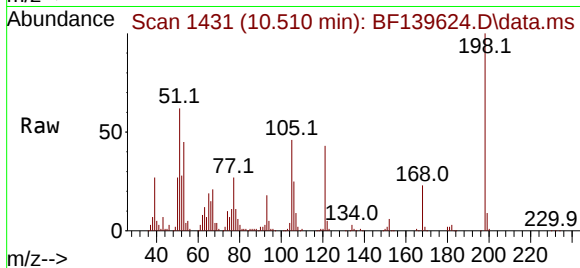
Tgt Ion:188 Resp: 445543
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.2 8.2 12.2





#65
4,6-Dinitro-2-methylphenol
Concen: 52.004 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

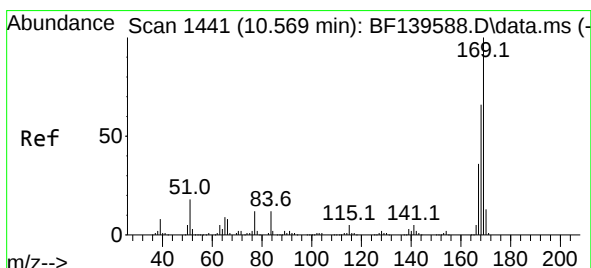
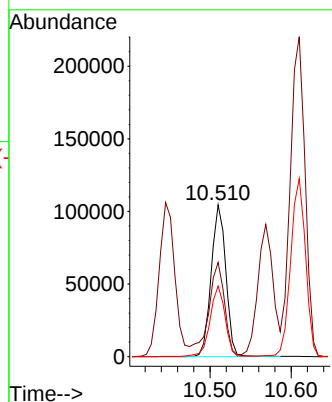
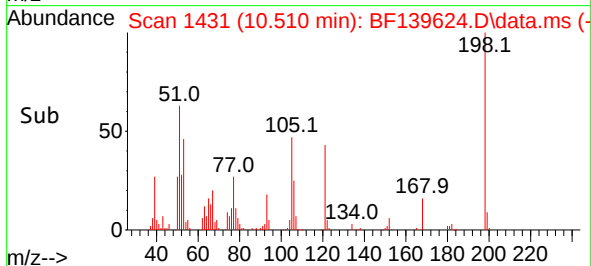
Instrument :
BNA_F
ClientSampleId :
PB163732BSD



Tgt Ion:198 Resp: 130859
Ion Ratio Lower Upper
198 100
51 62.1 43.0 83.0
105 46.4 26.6 66.6

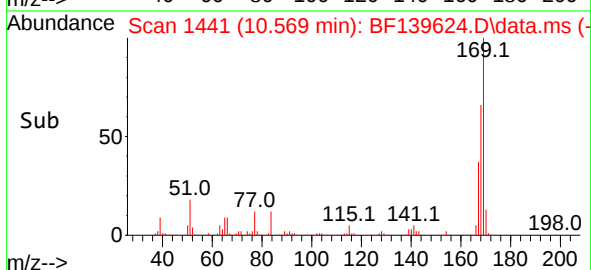
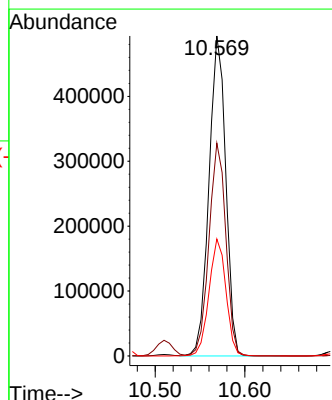
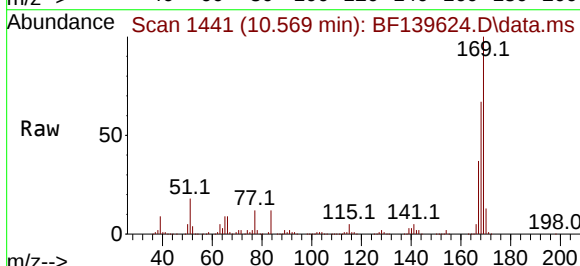
Manual Integrations
APPROVED

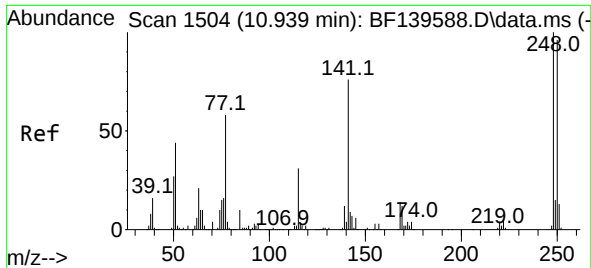
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#66
n-Nitrosodiphenylamine
Concen: 48.720 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

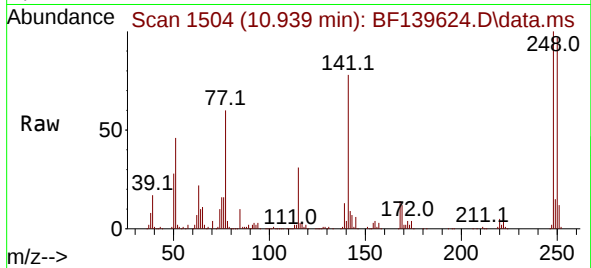
Tgt Ion:169 Resp: 639833
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 36.6 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 46.787 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

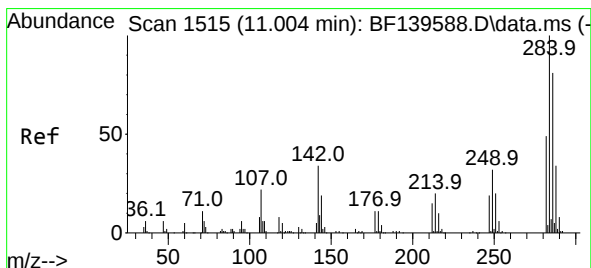
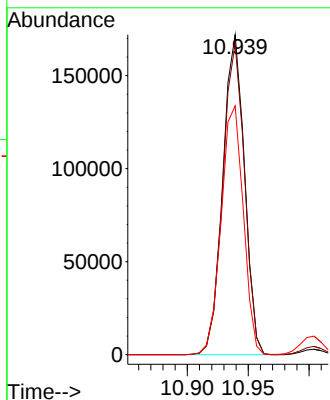
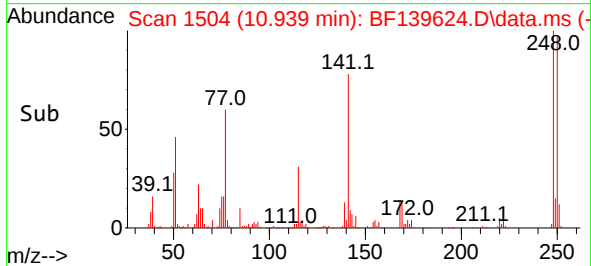
Instrument :
BNA_F
ClientSampleId :
PB163732BSD



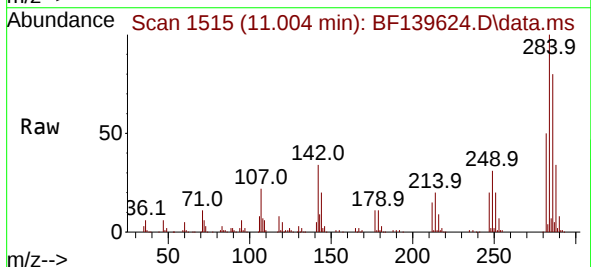
Tgt Ion:248 Resp: 213732
Ion Ratio Lower Upper
248 100
250 97.1 77.1 115.7
141 77.8 60.4 90.6

Manual Integrations
APPROVED

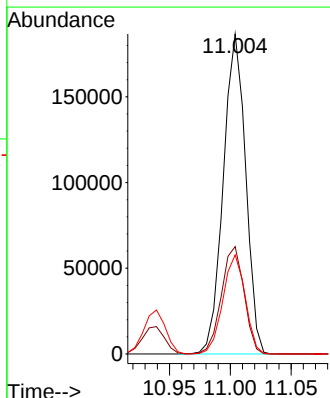
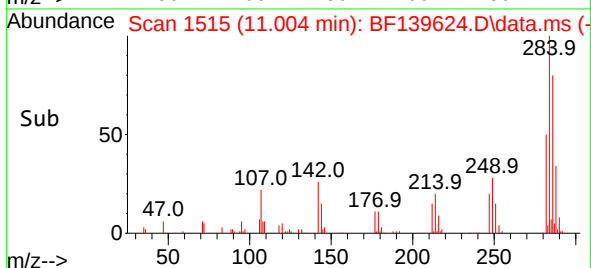
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#68
Hexachlorobenzene
Concen: 46.992 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48



Tgt Ion:284 Resp: 238207
Ion Ratio Lower Upper
284 100
142 33.5 26.9 40.3
249 30.9 25.4 38.0





#69

Atrazine

Concen: 60.243 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139624.D

Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD

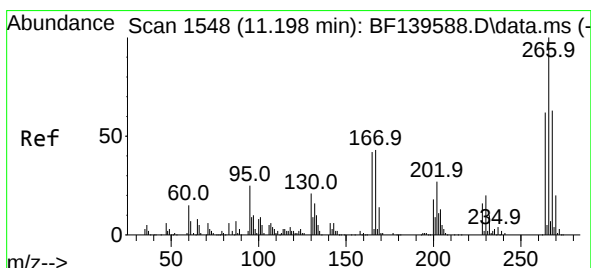
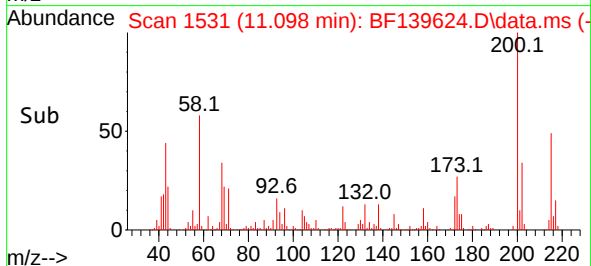
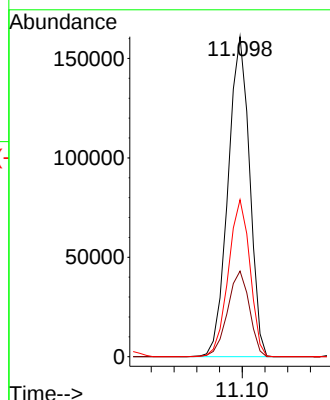
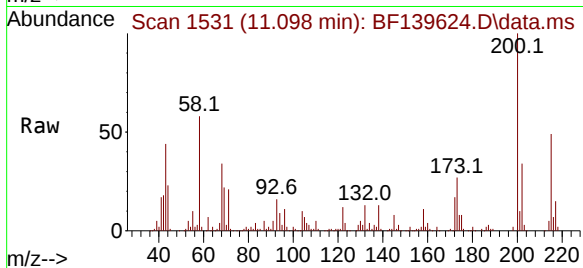
Tgt Ion:200 Resp: 21227
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.7 46.7
 215 49.1 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#70

Pentachlorophenol

Concen: 92.588 ng

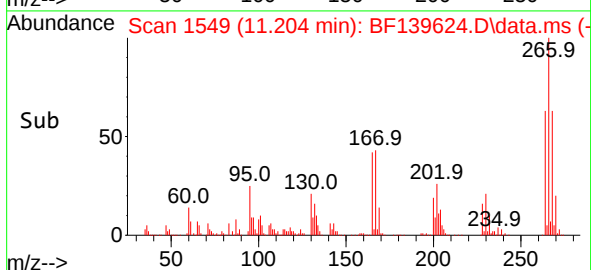
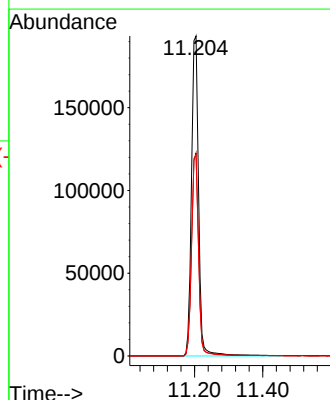
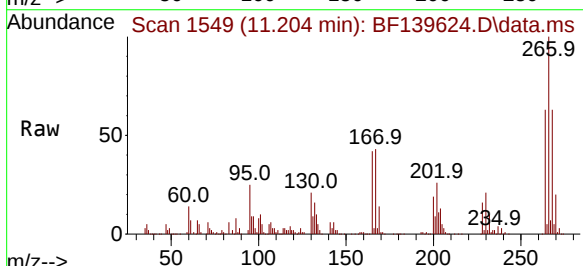
RT: 11.204 min Scan# 1549

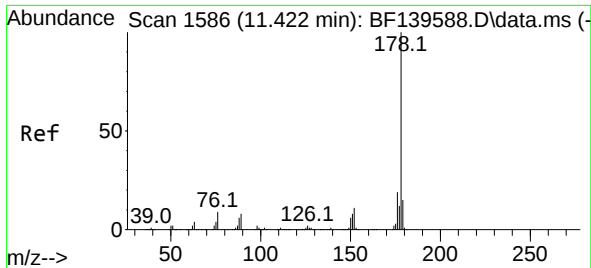
Delta R.T. 0.006 min

Lab File: BF139624.D

Acq: 03 Oct 2024 11:48

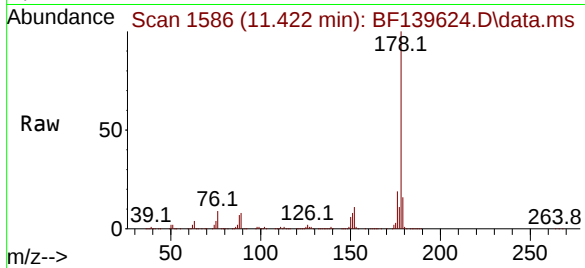
Tgt Ion:266 Resp: 279463
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.0 75.0
 264 62.9 49.3 73.9





#71
Phenanthrene
Concen: 48.900 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

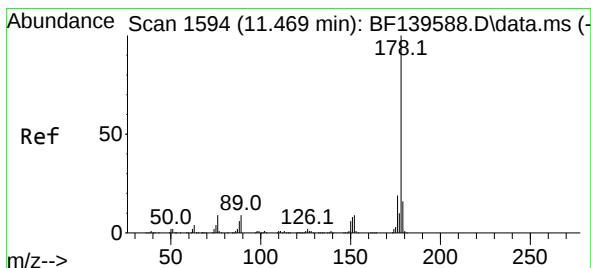
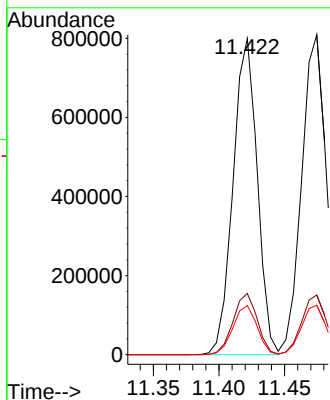
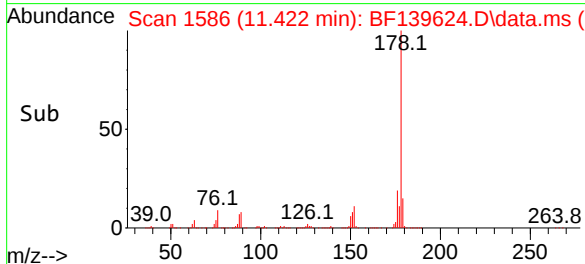
Instrument :
BNA_F
ClientSampleId :
PB163732BSD



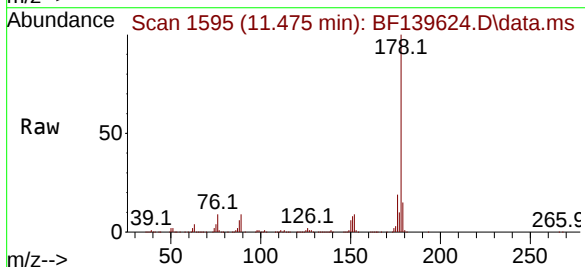
Tgt Ion:178 Resp: 1027280
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.3 18.5

Manual Integrations
APPROVED

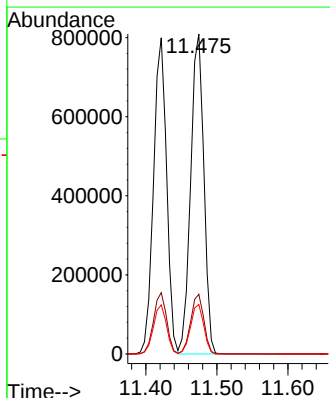
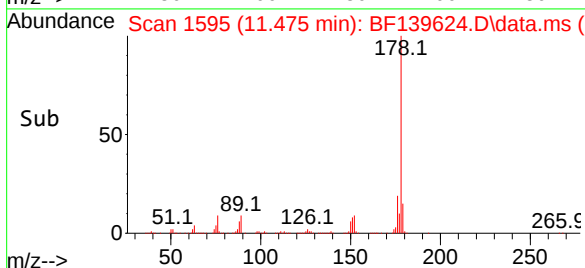
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

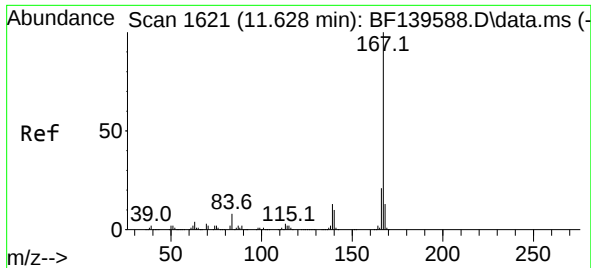


#72
Anthracene
Concen: 50.259 ng
RT: 11.475 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48



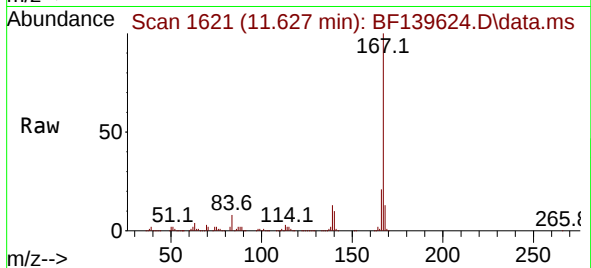
Tgt Ion:178 Resp: 1044520
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 48.666 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139624.D
 Acq: 03 Oct 2024 11:48

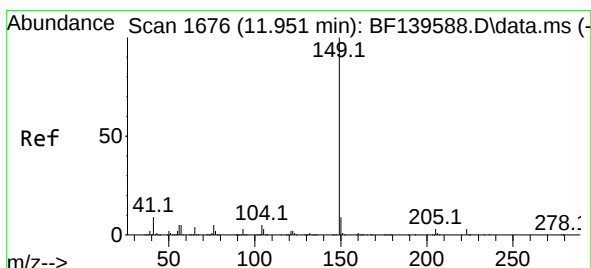
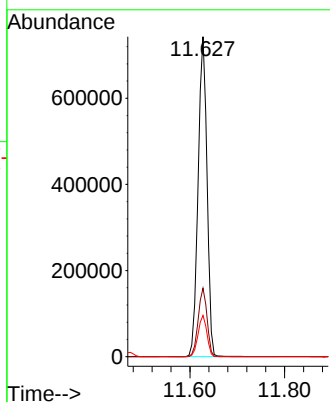
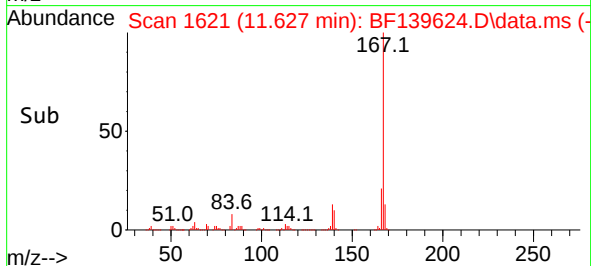
Instrument :
 BNA_F
 ClientSampleId :
 PB163732BSD



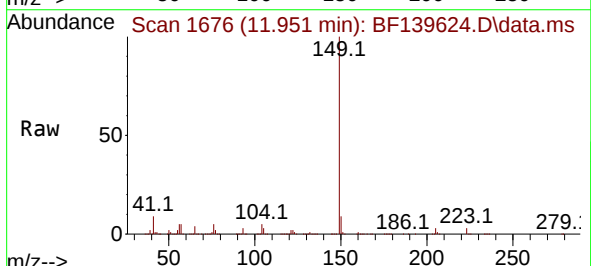
Tgt Ion:167 Resp: 971420
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.9 10.3 15.5

Manual Integrations
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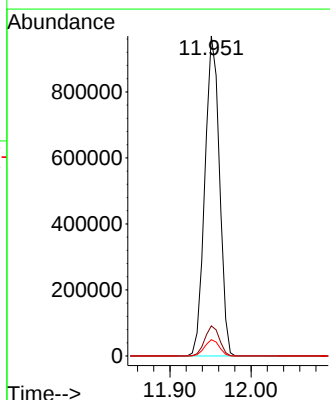
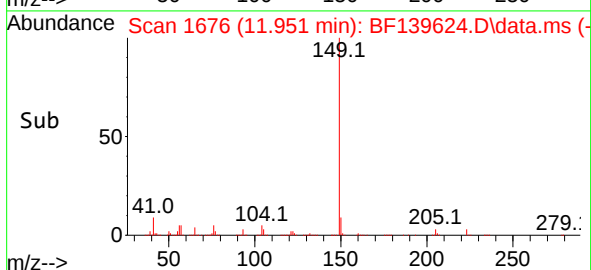
Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

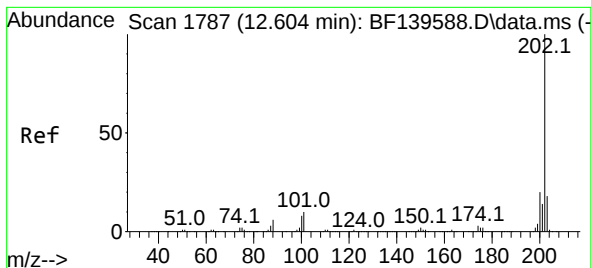


#74
 Di-n-butylphthalate
 Concen: 49.715 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139624.D
 Acq: 03 Oct 2024 11:48



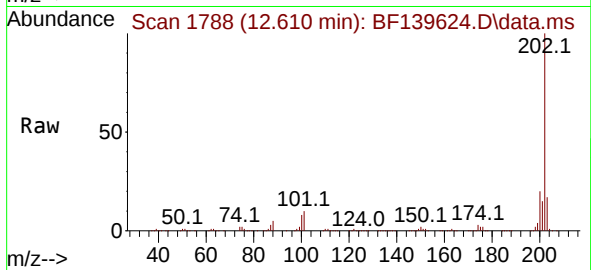
Tgt Ion:149 Resp: 1206750
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 47.814 ng
RT: 12.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

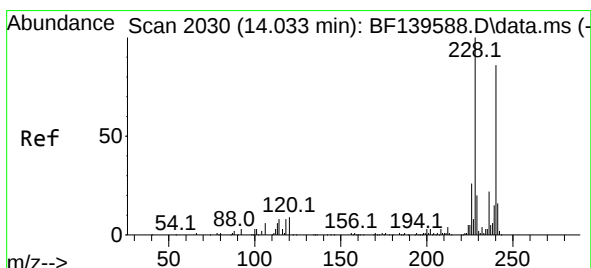
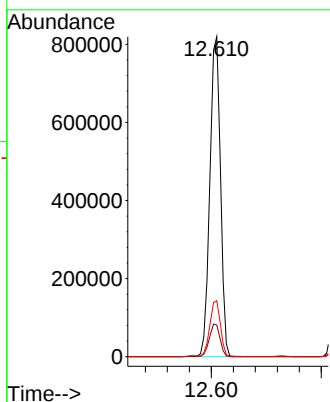
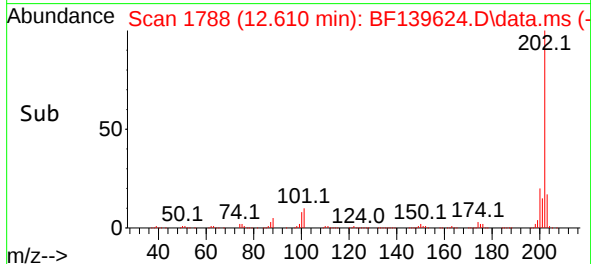
Instrument :
BNA_F
ClientSampleId :
PB163732BSD



Tgt Ion:202 Resp: 1098014
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.2
203 17.5 0.0 37.7

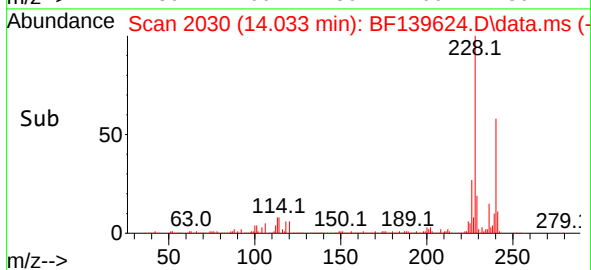
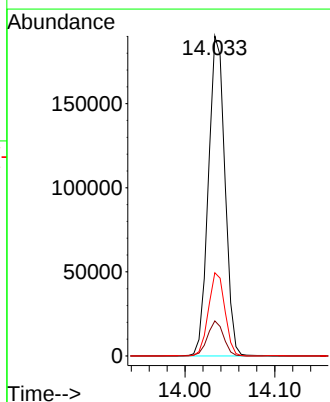
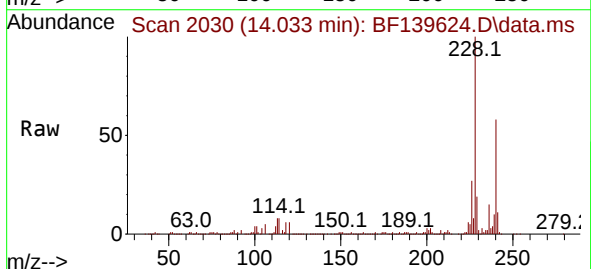
Manual Integrations
APPROVED

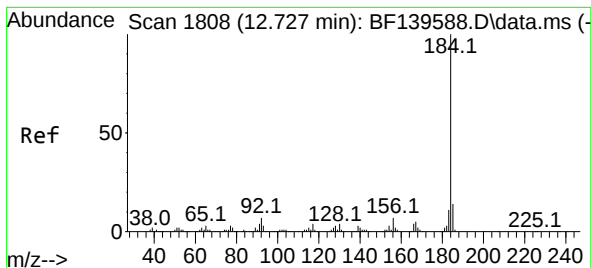
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Tgt Ion:240 Resp: 242887
Ion Ratio Lower Upper
240 100
120 11.0 8.4 12.6
236 26.0 20.3 30.5





#77

Benzidine

Concen: 95.086 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139624.D

Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD

Tgt Ion:184 Resp: 407369

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.0

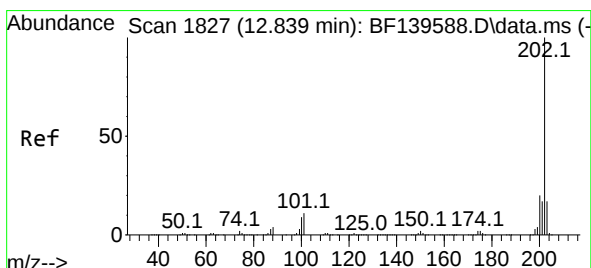
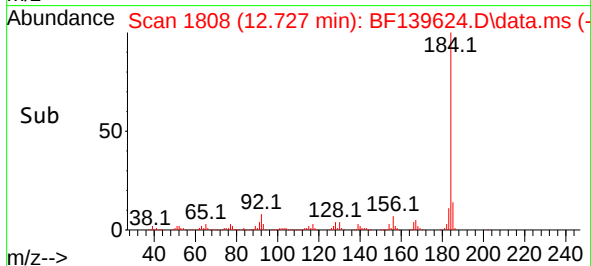
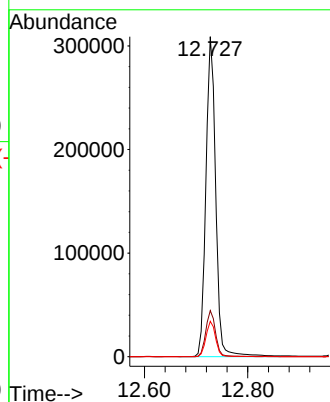
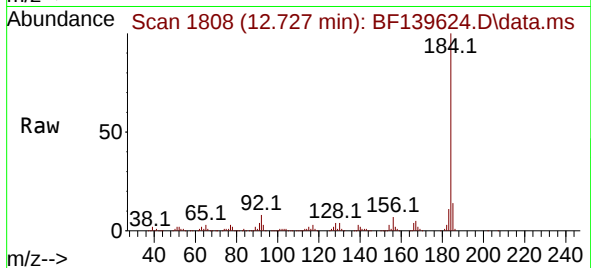
183 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#78

Pyrene

Concen: 50.713 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BF139624.D

Acq: 03 Oct 2024 11:48

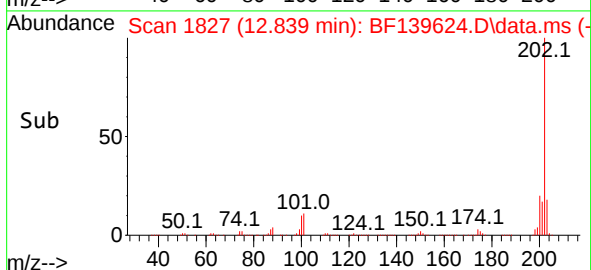
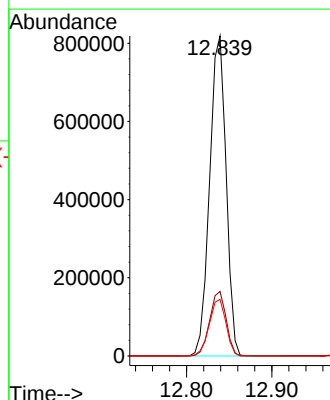
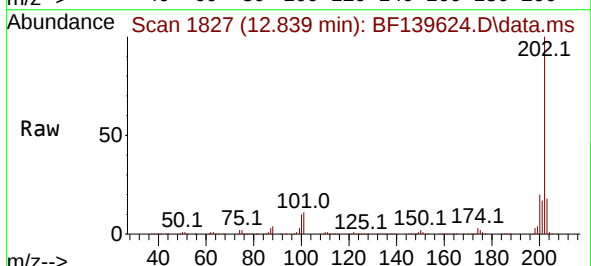
Tgt Ion:202 Resp: 1101676

Ion Ratio Lower Upper

202 100

200 20.2 15.8 23.6

203 17.7 13.8 20.8





#79

Terphenyl-d14

Concen: 101.248 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139624.D

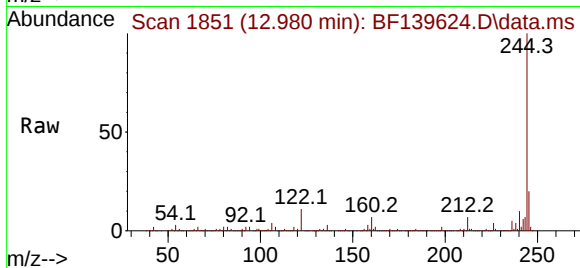
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD



Tgt Ion:244 Resp: 149874

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

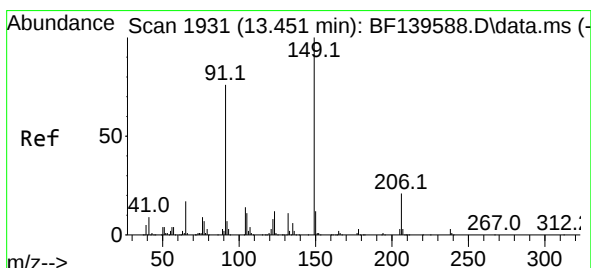
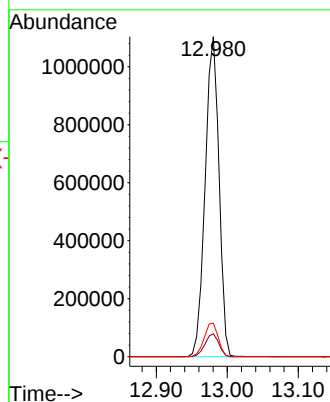
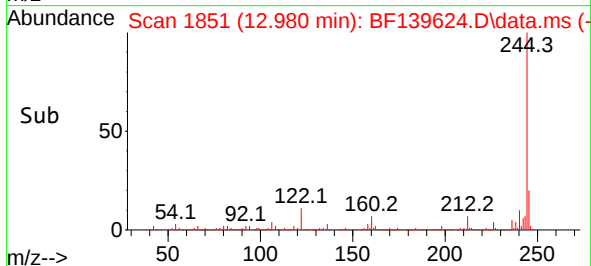
122 10.5 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#80

Butylbenzylphthalate

Concen: 55.242 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139624.D

Acq: 03 Oct 2024 11:48

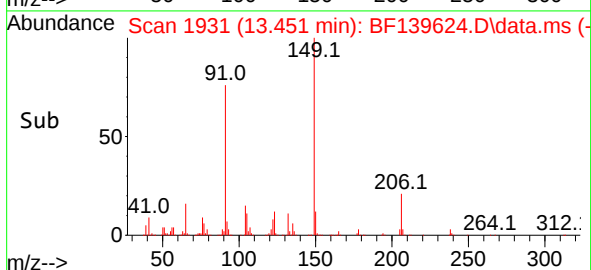
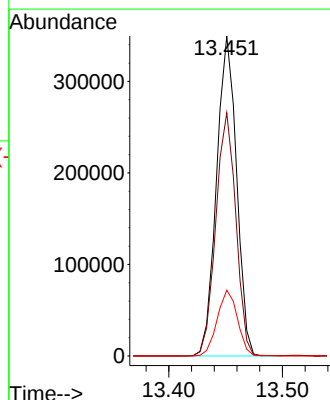
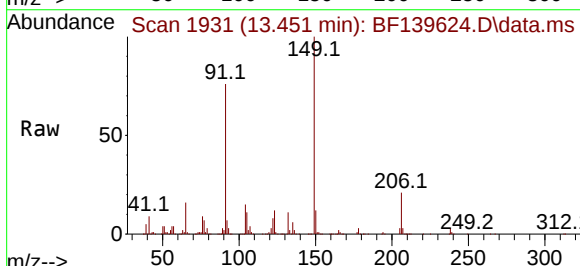
Tgt Ion:149 Resp: 429247

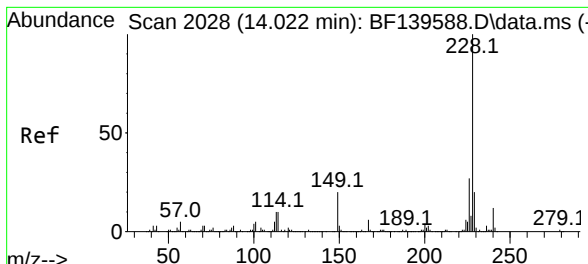
Ion Ratio Lower Upper

149 100

91 76.0 61.0 91.4

206 20.5 16.6 24.8





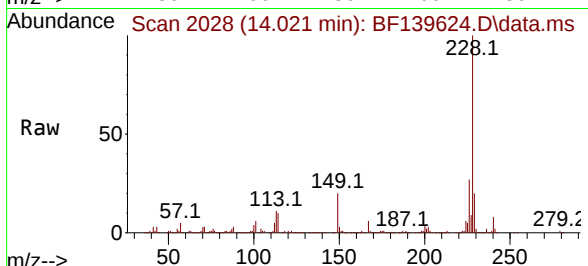
#81
Benzo(a)anthracene
Concen: 51.527 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD

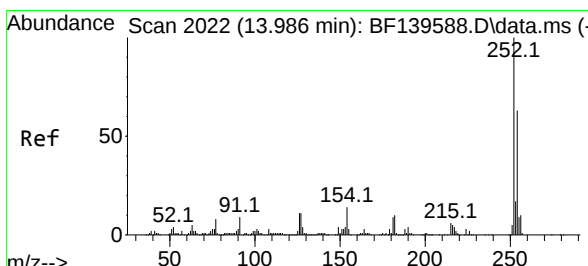
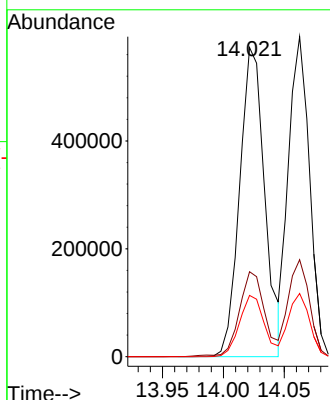
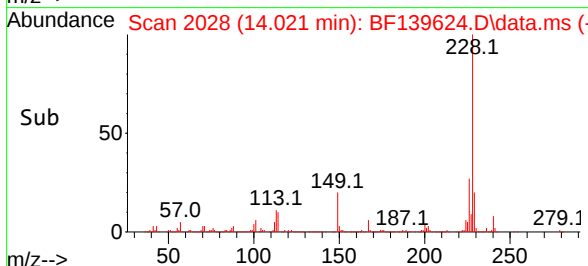


Tgt Ion:228 Resp: 822825
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 19.8 15.8 23.8

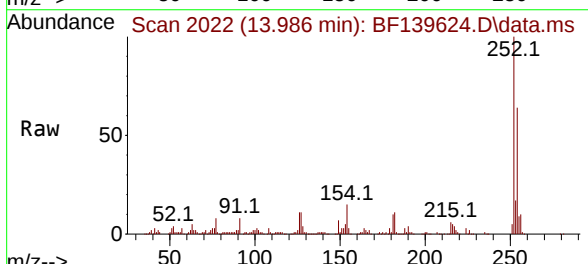
Manual Integrations

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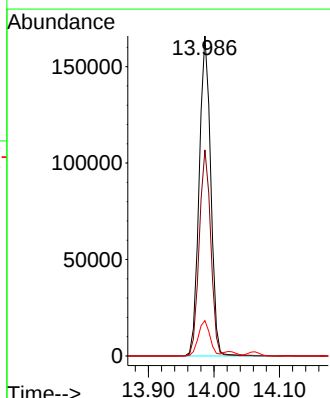
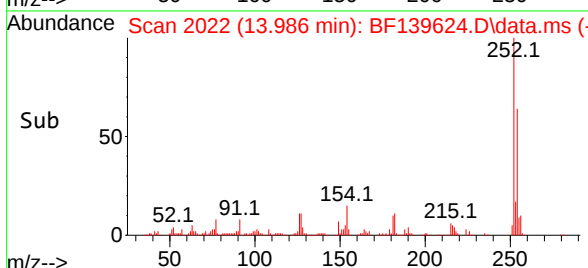
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

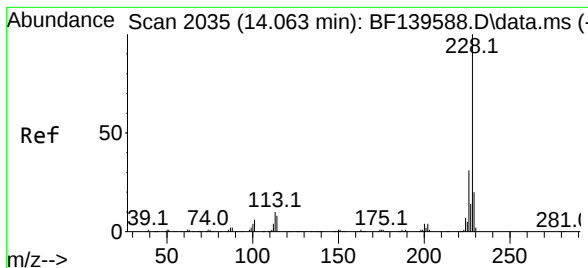


#82
3,3'-Dichlorobenzidine
Concen: 41.754 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48



Tgt Ion:252 Resp: 204060
Ion Ratio Lower Upper
252 100
254 64.4 50.5 75.7
126 11.0 8.8 13.2





#83

Chrysene

Concen: 49.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139624.D

Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD

Tgt Ion:228 Resp: 71538

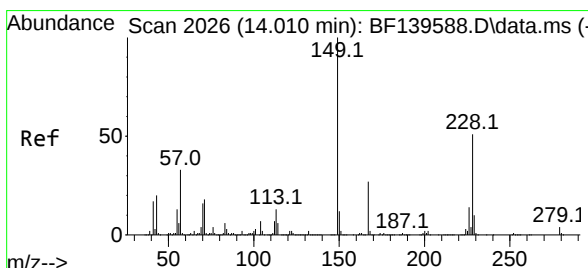
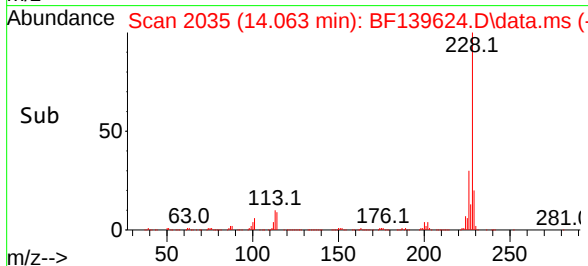
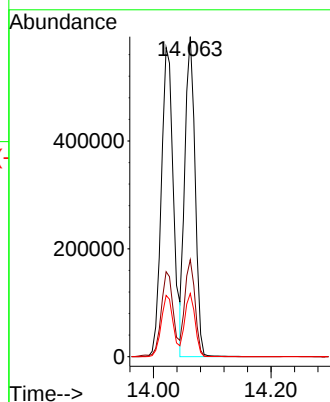
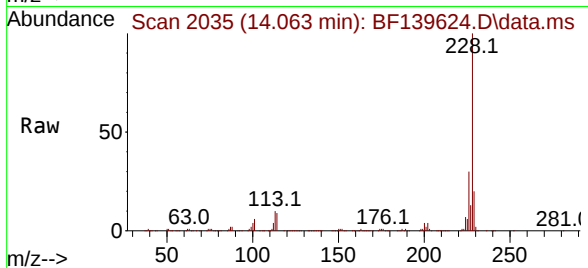
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.8	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.602 ng

RT: 14.010 min Scan# 2026

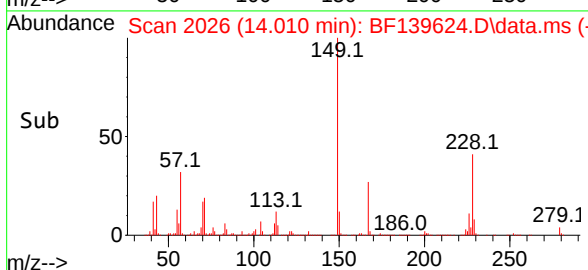
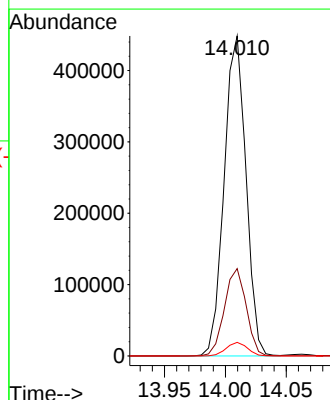
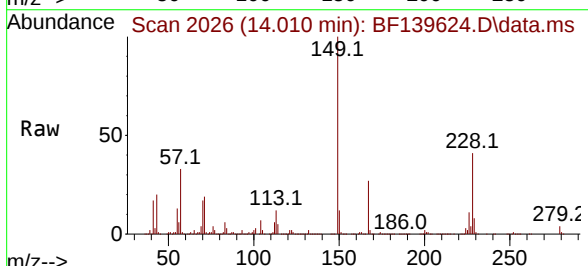
Delta R.T. -0.000 min

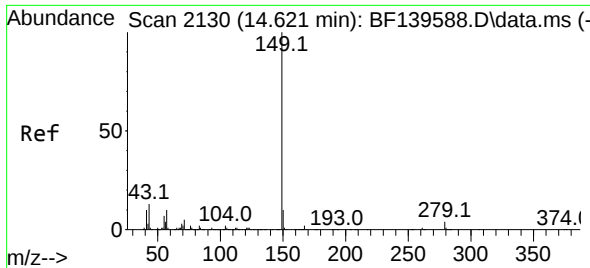
Lab File: BF139624.D

Acq: 03 Oct 2024 11:48

Tgt Ion:149 Resp: 558903

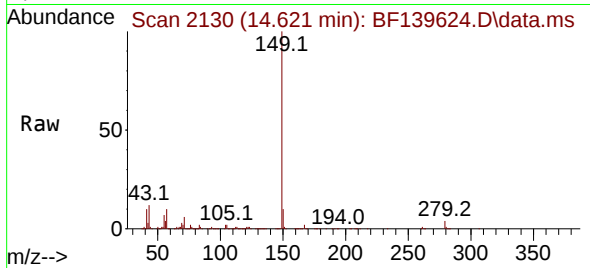
Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.7	32.5
279	4.2	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 56.089 ng
RT: 14.621 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

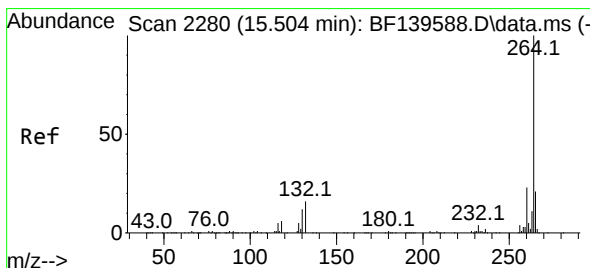
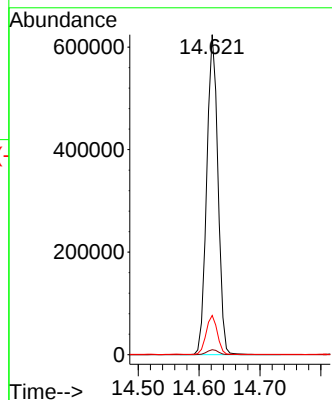
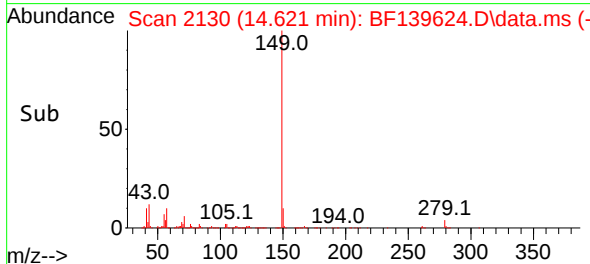
Instrument :
BNA_F
ClientSampleId :
PB163732BSD



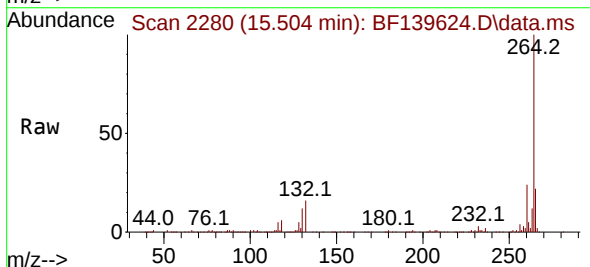
Tgt Ion:149 Resp: 799520
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.1 10.2 15.2

Manual Integrations
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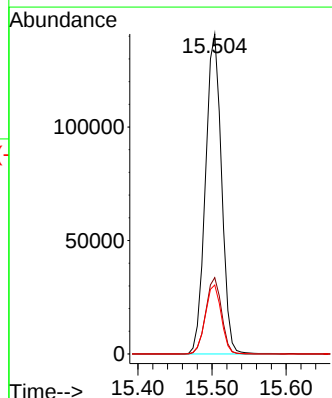
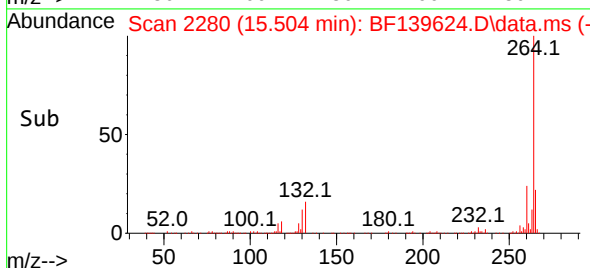
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

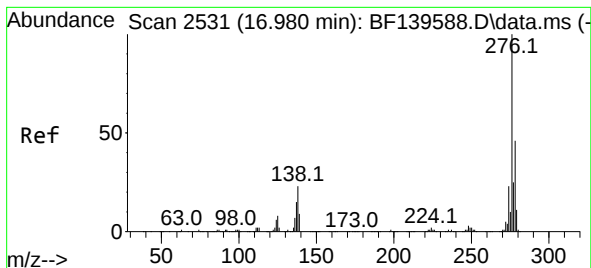


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48



Tgt Ion:264 Resp: 211967
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.811 ng

RT: 16.986 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139624.D

Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD

Tgt Ion:276 Resp: 65886

Ion Ratio Lower Upper

276 100

138 24.4 19.4 29.0

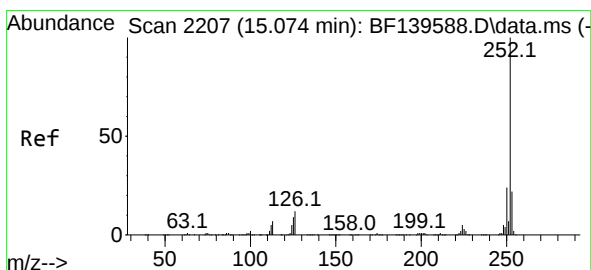
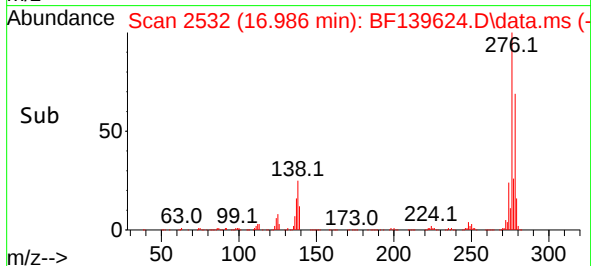
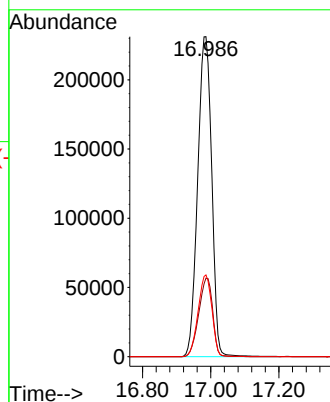
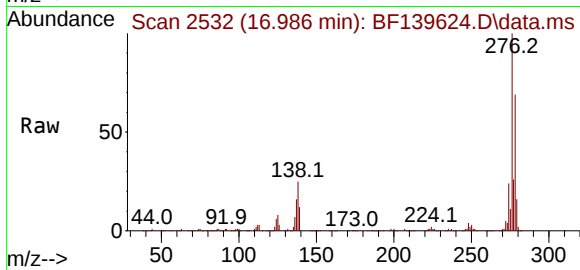
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024



#88

Benzo(b)fluoranthene

Concen: 50.735 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.000 min

Lab File: BF139624.D

Acq: 03 Oct 2024 11:48

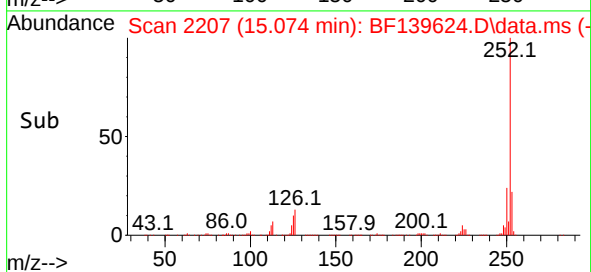
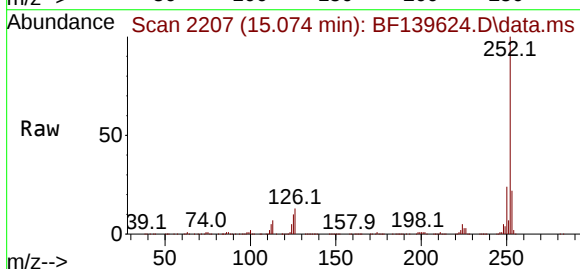
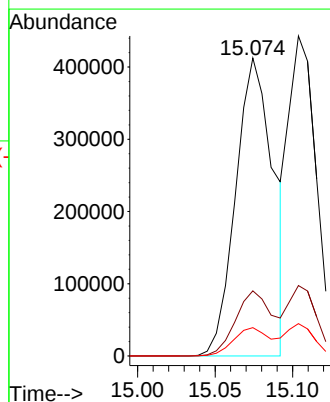
Tgt Ion:252 Resp: 695342

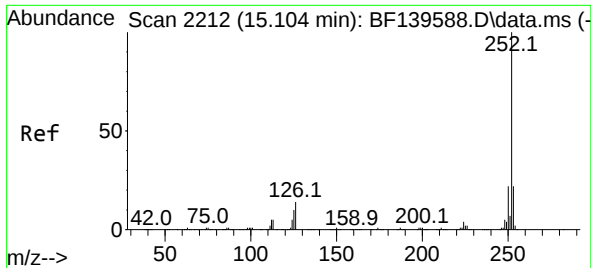
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 9.5 7.4 11.0





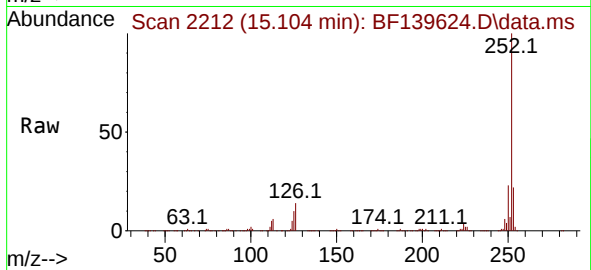
#89
Benzo(k)fluoranthene
Concen: 47.310 ng
RT: 15.104 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

ClientSampleId :

PB163732BSD

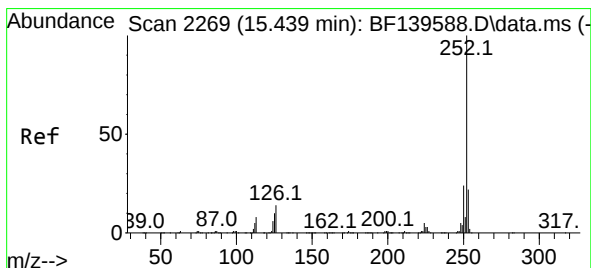
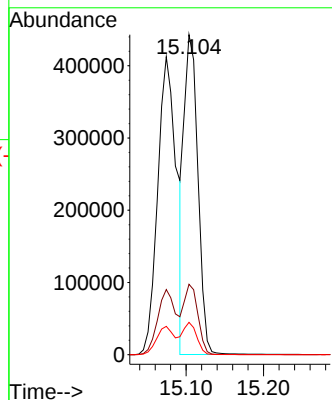
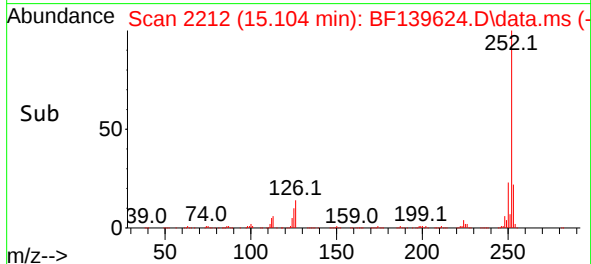


Tgt Ion:252 Resp: 550020
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.1 7.6 11.4

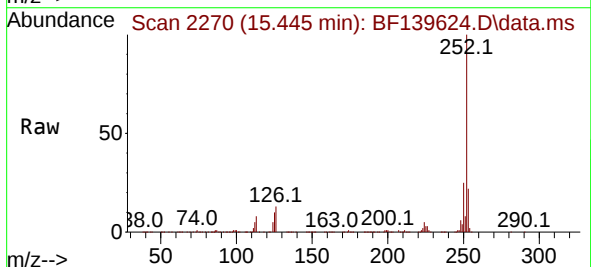
Manual Integrations

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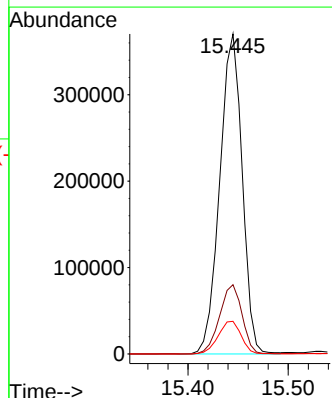
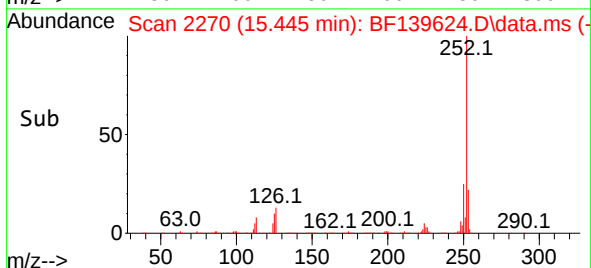
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

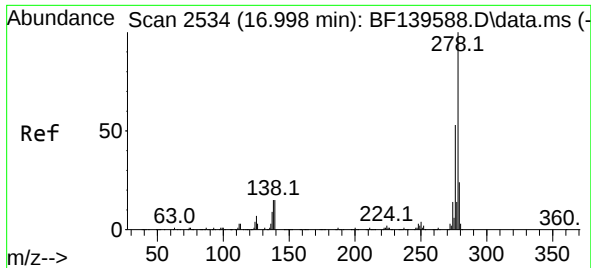


#90
Benzo(a)pyrene
Concen: 53.202 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48



Tgt Ion:252 Resp: 574938
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.2 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 52.376 ng
RT: 16.998 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Instrument :

BNA_F

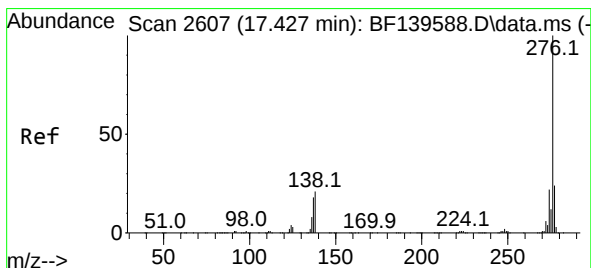
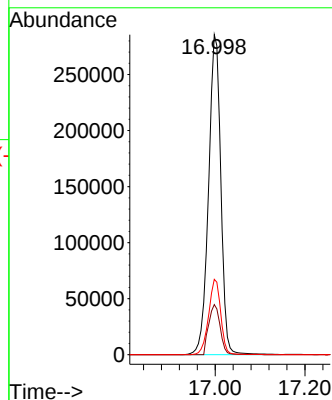
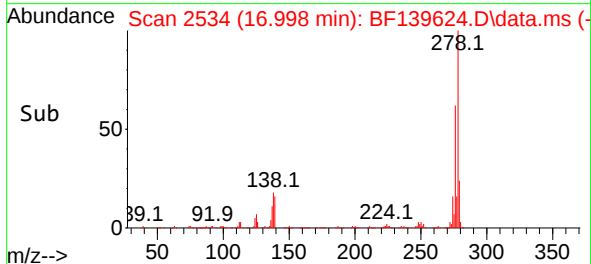
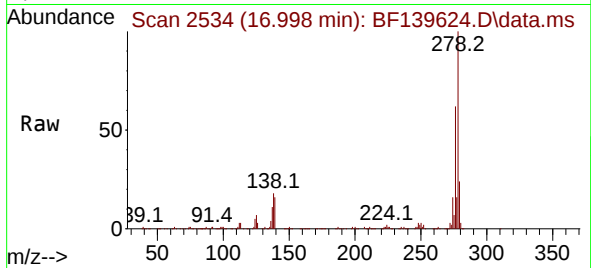
ClientSampleId :

PB163732BSD

Tgt Ion:278 Resp: 541960
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 10/04/2024
Supervised By :mohammad ahmed 10/05/2024



#92
Benzo(g,h,i)perylene
Concen: 47.608 ng
RT: 17.427 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF139624.D
Acq: 03 Oct 2024 11:48

Tgt Ion:276 Resp: 494060
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 21.3 17.0 25.6

