

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138547.D
 Acq On : 12 Jul 2024 15:33
 Operator : CG\JU
 Sample : P3193-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 12 16:23:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82481	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	332685	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	183527	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	275420	20.000	ng	0.00
76) Chrysene-d12	14.027	240	149603	20.000	ng	0.00
86) Perylene-d12	15.486	264	160730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	631249	121.209	ng	0.00
7) Phenol-d6	6.510	99	846515	122.186	ng	0.00
23) Nitrobenzene-d5	7.434	82	557243	82.238	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	204022	118.946	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1012959	86.263	ng	0.00
79) Terphenyl-d14	12.968	244	747721	81.424	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	108951	47.235	ng	98
3) Pyridine	3.463	79	297388	52.282	ng	100
4) n-Nitrosodimethylamine	3.434	42	213330	57.612	ng	97
6) Aniline	6.528	93	361340	55.684	ng	# 85
8) 2-Chlorophenol	6.657	128	338695	61.504	ng	98
9) Benzaldehyde	6.416	77	36992	9.976	ng	97
10) Phenol	6.522	94	433824	58.993	ng	95
11) bis(2-Chloroethyl)ether	6.604	93	328238	59.284	ng	98
12) 1,3-Dichlorobenzene	6.810	146	350354	56.600	ng	97
13) 1,4-Dichlorobenzene	6.886	146	354714	56.431	ng	99
14) 1,2-Dichlorobenzene	7.034	146	336286	57.442	ng	97
15) Benzyl Alcohol	7.010	79	320862	61.712	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	612428	56.248	ng	97
17) 2-Methylphenol	7.128	107	270752	59.991	ng	96
18) Hexachloroethane	7.375	117	132187	57.204	ng	95
19) n-Nitroso-di-n-propyla...	7.286	70	255567	59.700	ng	92
20) 3+4-Methylphenols	7.281	107	335525	59.037	ng	# 89
22) Acetophenone	7.281	105	430951	53.336	ng	98
24) Nitrobenzene	7.451	77	385864	56.037	ng	98
25) Isophorone	7.692	82	705887	60.662	ng	98
26) 2-Nitrophenol	7.769	139	185217	62.758	ng	96
27) 2,4-Dimethylphenol	7.804	122	239218	65.949	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	416815	59.936	ng	98
29) 2,4-Dichlorophenol	8.010	162	286042	60.726	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	309597	56.421	ng	97
31) Naphthalene	8.175	128	977383	56.489	ng	100
32) Benzoic acid	7.939	122	171857	49.675	ng	92
33) 4-Chloroaniline	8.216	127	235019	38.713	ng	100
34) Hexachlorobutadiene	8.281	225	187343	55.443	ng	99
35) Caprolactam	8.604	113	84357m	55.499	ng	
36) 4-Chloro-3-methylphenol	8.710	107	315899	59.904	ng	97
37) 2-Methylnaphthalene	8.863	142	643976	57.836	ng	100
38) 1-Methylnaphthalene	8.963	142	597840	55.016	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	283079	55.343	ng	99
41) Hexachlorocyclopentadiene	9.010	237	252967	152.368	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	198047	60.699	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	210465	58.647	ng	99
46) 1,1'-Biphenyl	9.328	154	764120	54.939	ng	100
47) 2-Chloronaphthalene	9.351	162	613446	58.383	ng	99
48) 2-Nitroaniline	9.451	65	214300	58.856	ng	99
49) Acenaphthylene	9.769	152	930504	62.375	ng	99
50) Dimethylphthalate	9.627	163	748266	63.053	ng	99
51) 2,6-Dinitrotoluene	9.692	165	160512	58.744	ng	90
52) Acenaphthene	9.939	154	572515	57.735	ng	99
53) 3-Nitroaniline	9.863	138	116980	41.771	ng	97
54) 2,4-Dinitrophenol	9.969	184	145129	97.860	ng	94
55) Dibenzofuran	10.110	168	838018	58.264	ng	99
56) 4-Nitrophenol	10.033	139	201503	97.515	ng	95
57) 2,4-Dinitrotoluene	10.098	165	203599	57.590	ng	92
58) Fluorene	10.451	166	646821	56.835	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.227	232	168432	59.471	ng	99
60) Diethylphthalate	10.327	149	707523	61.844	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	333649	58.384	ng	99
62) 4-Nitroaniline	10.474	138	141950	50.582	ng	99
63) Azobenzene	10.604	77	723744	58.841	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	107189	67.402	ng	90
66) n-Nitrosodiphenylamine	10.563	169	564103	68.361	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	191418	67.620	ng	97
68) Hexachlorobenzene	10.998	284	198307	63.059	ng	96
69) Atrazine	11.092	200	172516	63.058	ng	99
70) Pentachlorophenol	11.192	266	197068	105.901	ng	96
71) Phenanthrene	11.416	178	843812	60.643	ng	99
72) Anthracene	11.469	178	857796	62.104	ng	99
73) Carbazole	11.621	167	659697	53.147	ng	99
74) Di-n-butylphthalate	11.945	149	963408	67.334	ng	100
75) Fluoranthene	12.598	202	703057	49.517	ng	98
77) Benzidine	12.721	184	292112	77.392	ng	100
78) Pyrene	12.827	202	693920	45.693	ng	100
80) Butylbenzylphthalate	13.445	149	300718	65.825	ng	96
81) Benzo(a)anthracene	14.015	228	611896	60.956	ng	98
82) 3,3'-Dichlorobenzidine	13.974	252	174856	67.600	ng	# 97
83) Chrysene	14.051	228	585389	61.644	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	431134	88.486	ng	100
85) Di-n-octyl phthalate	14.610	149	778951	101.201	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	436044	40.388	ng	100
88) Benzo(b)fluoranthene	15.062	252	574846	63.506	ng	99
89) Benzo(k)fluoranthene	15.092	252	583778	66.127	ng	99
90) Benzo(a)pyrene	15.427	252	512478	64.449	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	365519	41.388	ng	98
92) Benzo(g,h,i)perylene	17.403	276	316980	33.848	ng	98

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

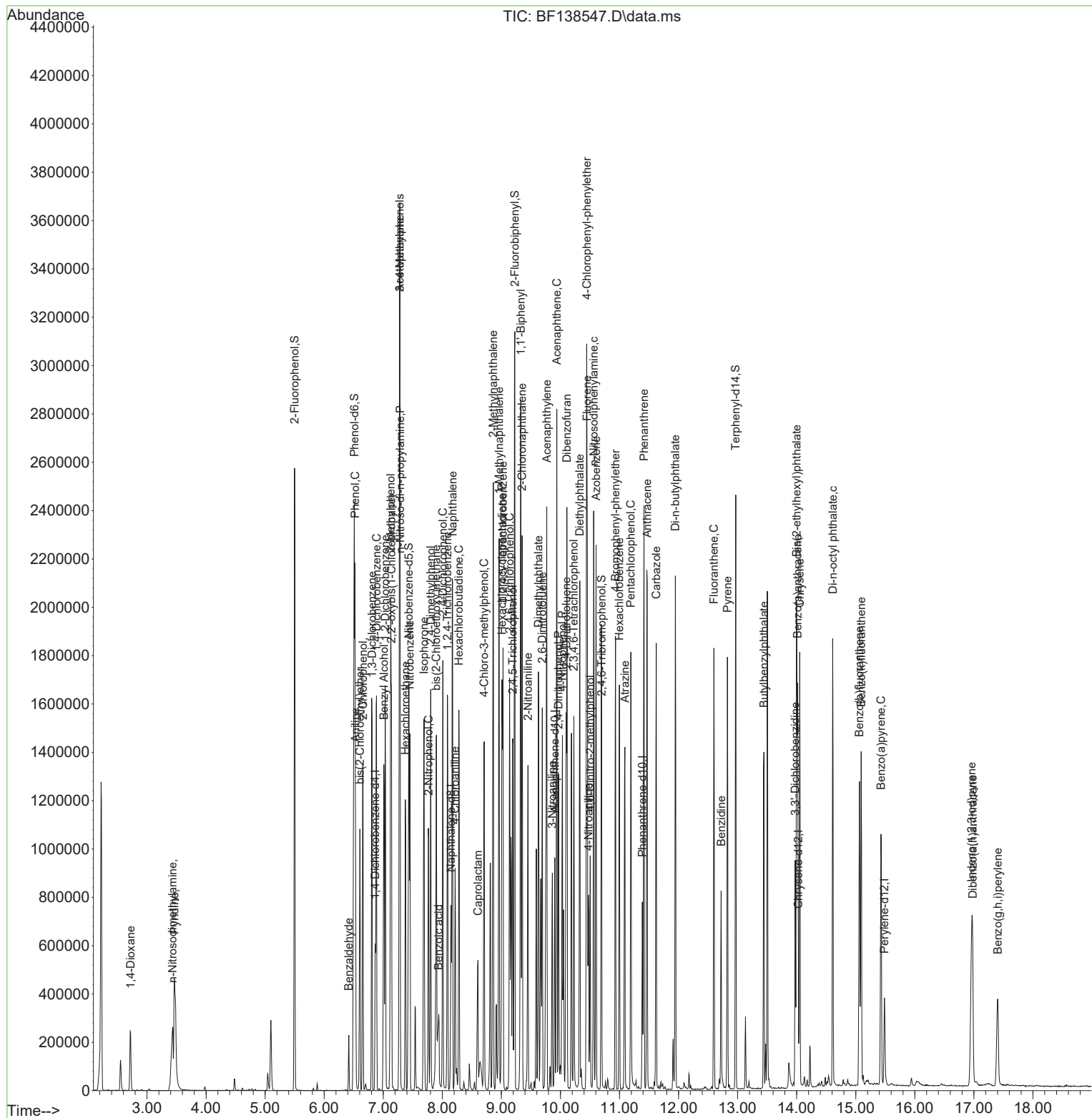
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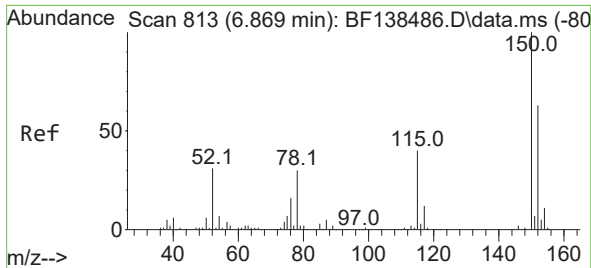
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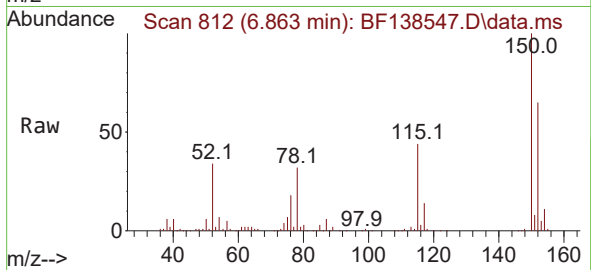
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

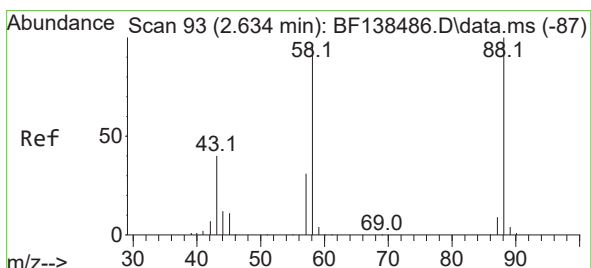
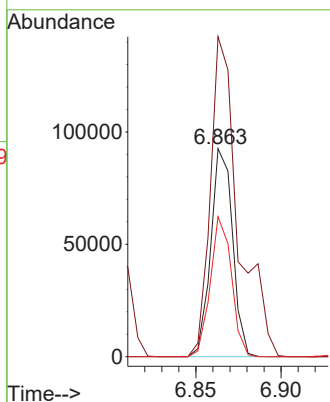
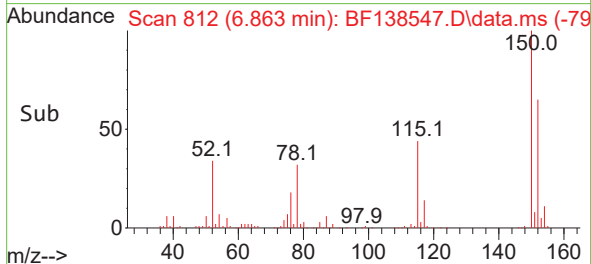
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:152 Resp: 8248
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.4
115 67.3 50.3 75.5

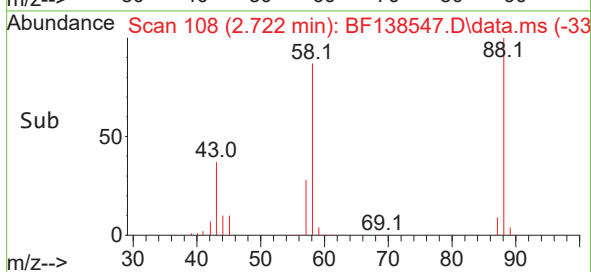
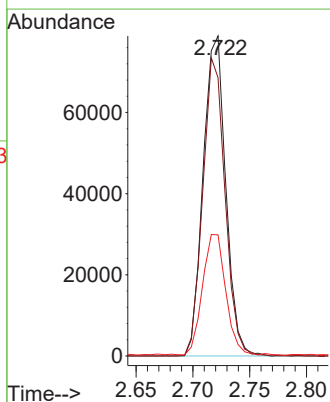
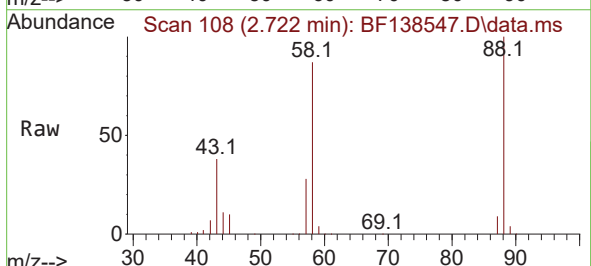
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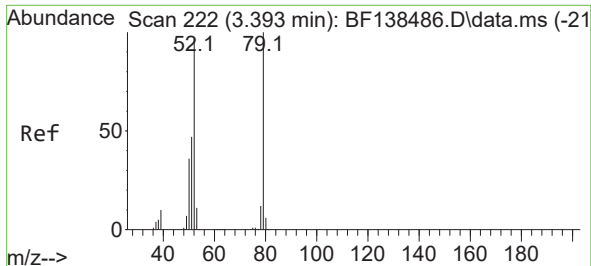
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#2
1,4-Dioxane
Concen: 47.235 ng
RT: 2.722 min Scan# 108
Delta R.T. 0.088 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

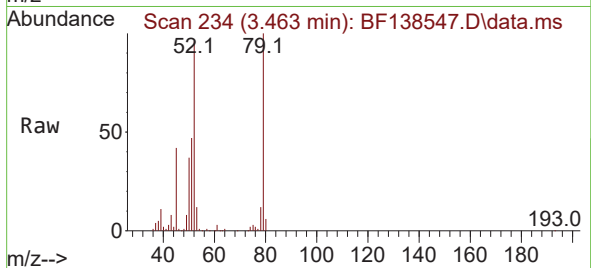
Tgt Ion: 88 Resp: 108951
Ion Ratio Lower Upper
88 100
58 91.7 74.6 112.0
43 38.5 31.8 47.6





#3
Pyridine
Concen: 52.282 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

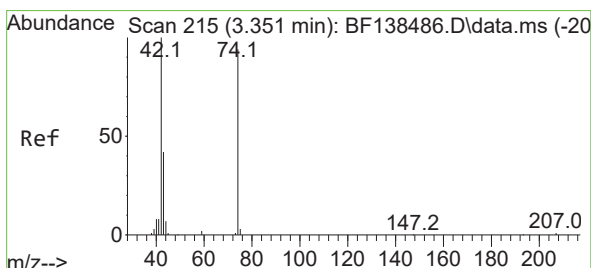
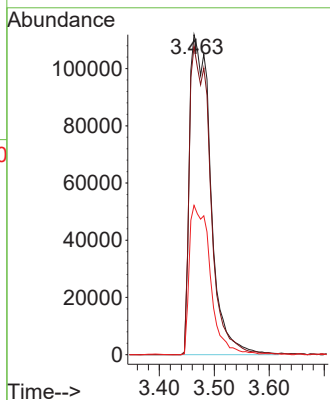
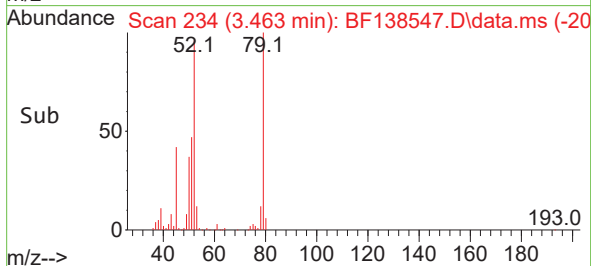
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion: 79 Resp: 29738
Ion Ratio Lower Upper
79 100
52 96.3 77.4 116.2
51 46.7 37.4 56.0

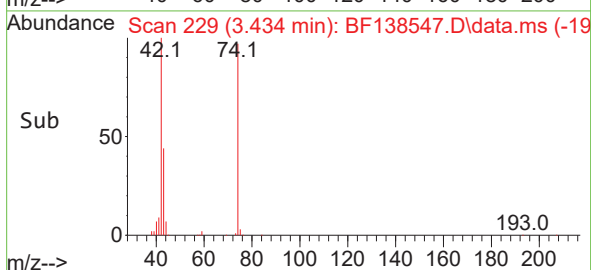
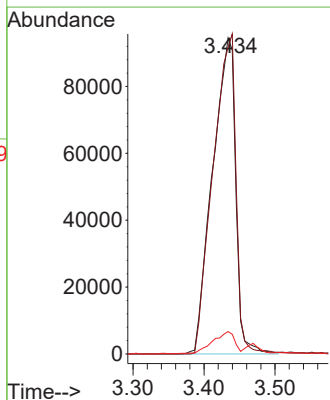
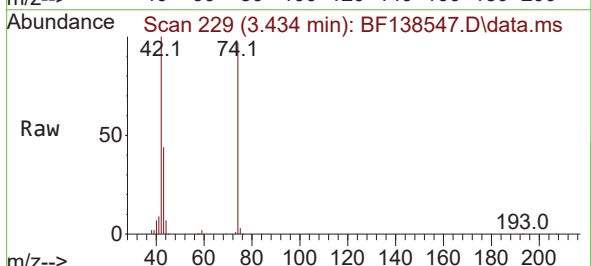
Manual Integrations
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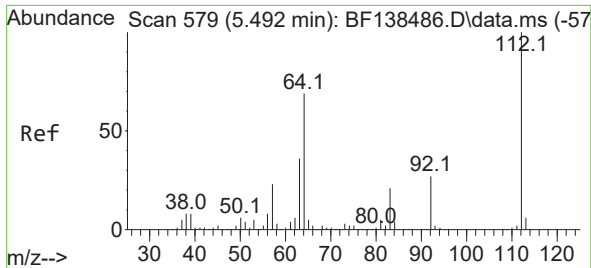
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#4
n-Nitrosodimethylamine
Concen: 57.612 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.082 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

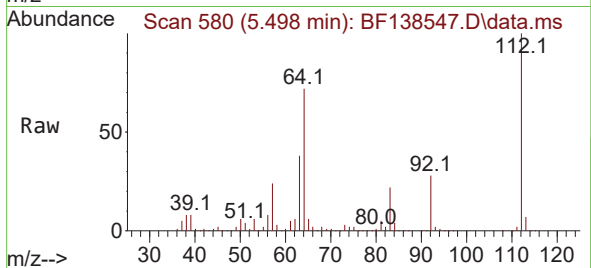
Tgt Ion: 42 Resp: 213330
Ion Ratio Lower Upper
42 100
74 97.1 75.0 112.6
44 7.1 5.4 8.2





#5
2-Fluorophenol
Concen: 121.209 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

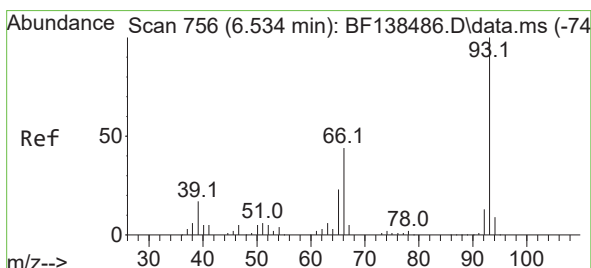
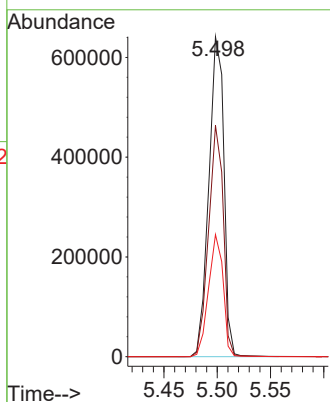
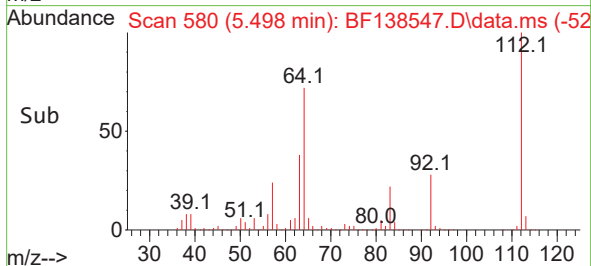
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:112 Resp: 631249
Ion Ratio Lower Upper
112 100
64 72.2 55.1 82.7
63 38.1 29.0 43.6

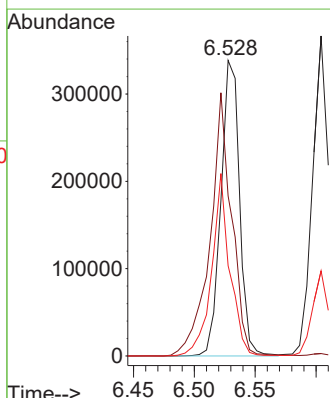
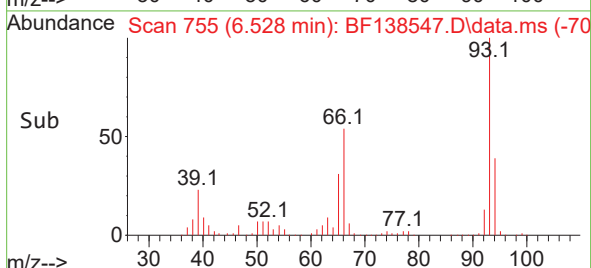
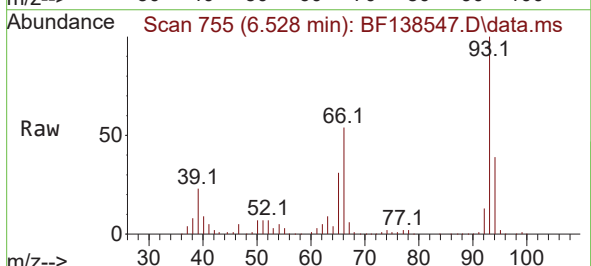
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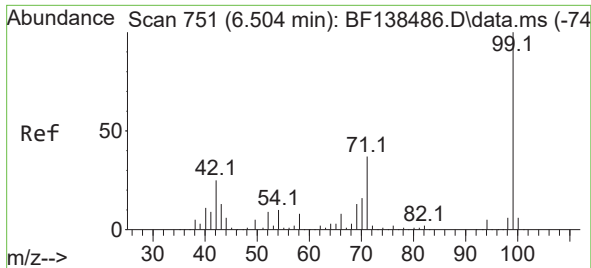
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#6
Aniline
Concen: 55.684 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF138547.D
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Tgt Ion: 93 Resp: 361340
Ion Ratio Lower Upper
93 100
66 54.2 35.4 53.0#
65 30.5 18.6 27.8#





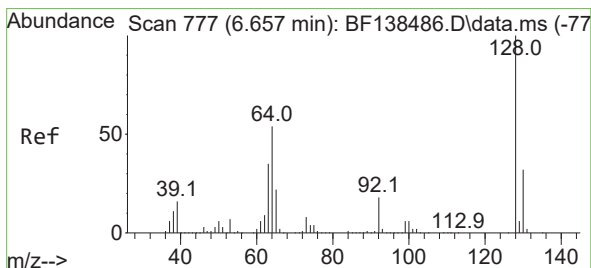
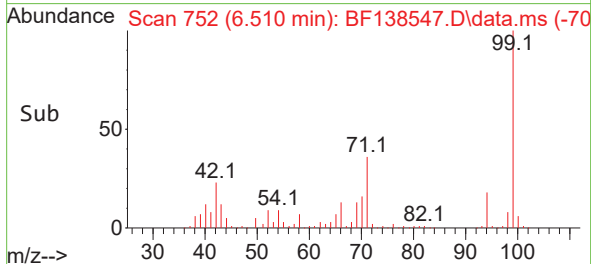
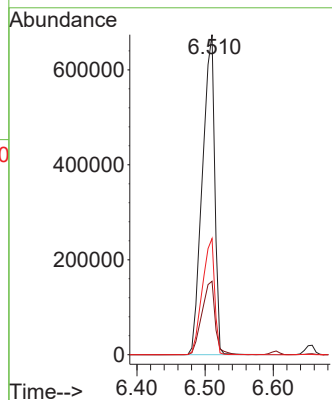
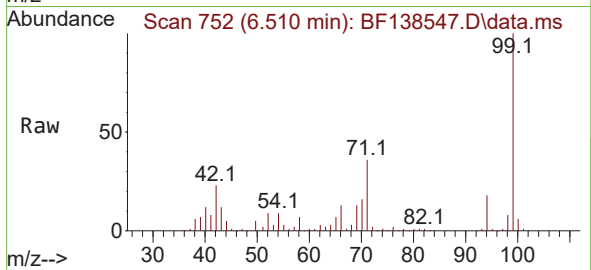
#7
Phenol-d6
Concen: 122.186 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD

Tgt Ion: 99 Resp: 846515
Ion Ratio Lower Upper
99 100
42 22.9 19.7 29.5
71 36.3 29.9 44.9

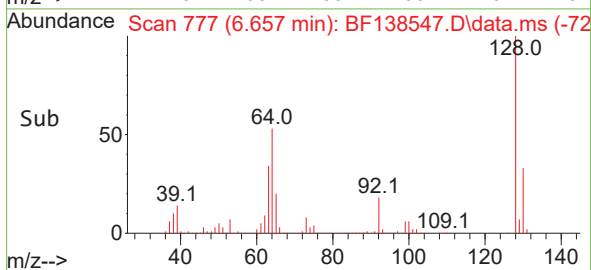
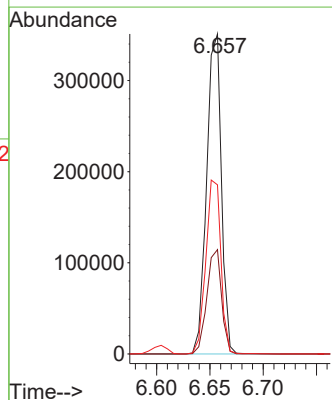
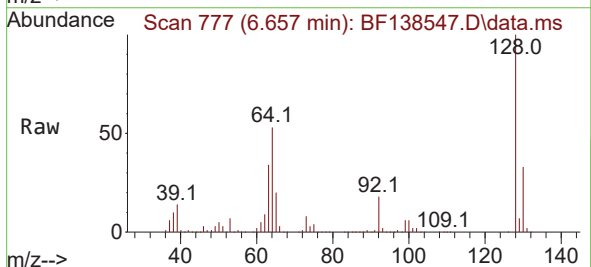
Manual Integrations
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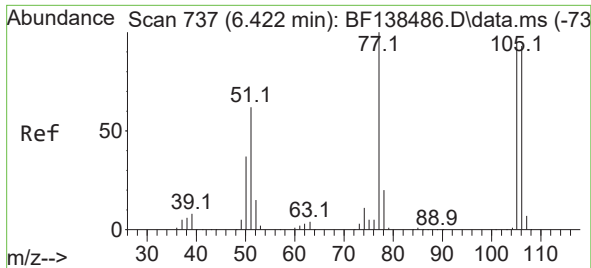
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#8
2-Chlorophenol
Concen: 61.504 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

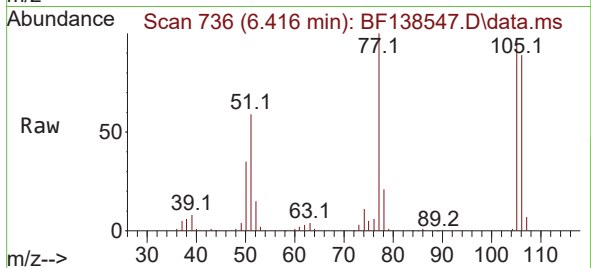
Tgt Ion:128 Resp: 338695
Ion Ratio Lower Upper
128 100
130 32.6 12.1 52.1
64 52.9 34.4 74.4





#9
Benzaldehyde
Concen: 9.976 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

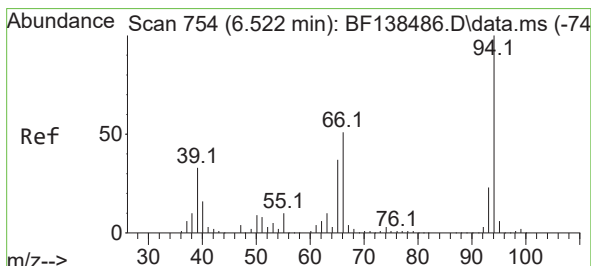
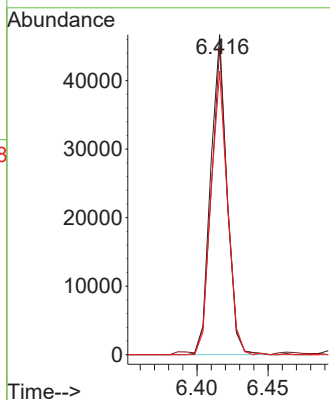
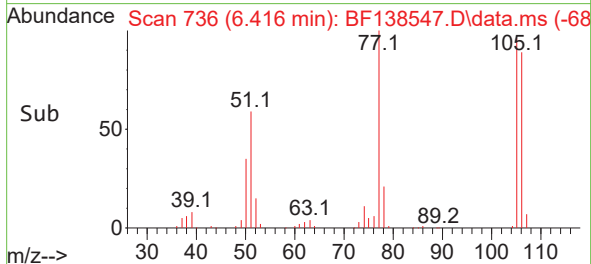
Instrument :
BNA_F
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FILL-MATERIAL-1MSD



Tgt Ion: 77 Resp: 36992
Ion Ratio Lower Upper
77 100
105 96.3 75.1 115.1
106 88.6 73.2 113.2

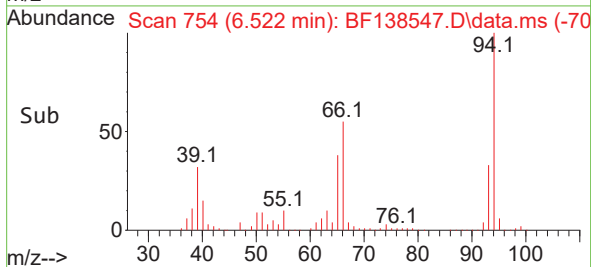
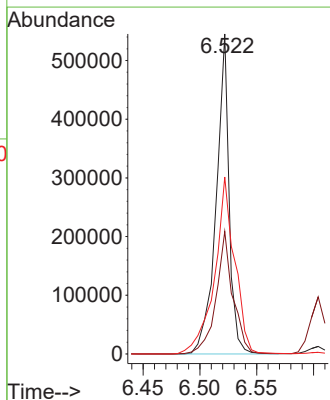
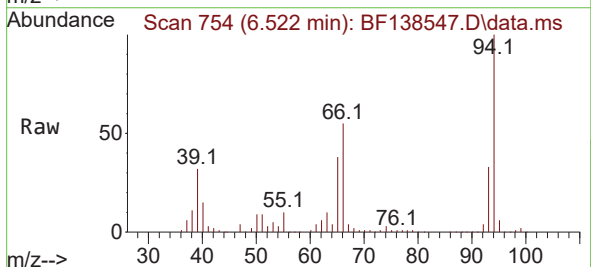
Manual Integrations
APPROVED

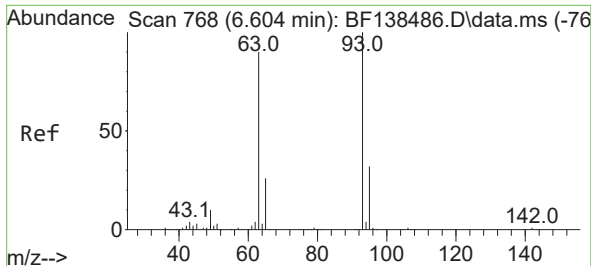
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Phenol
Concen: 58.993 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

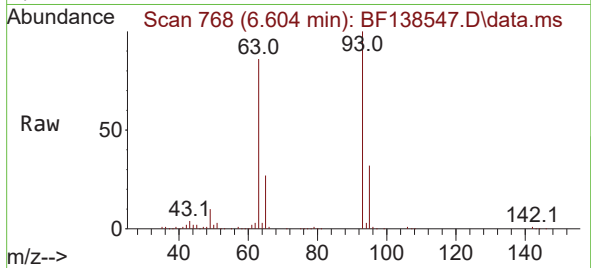
Tgt Ion: 94 Resp: 433824
Ion Ratio Lower Upper
94 100
65 38.3 16.7 56.7
66 55.3 31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 59.284 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

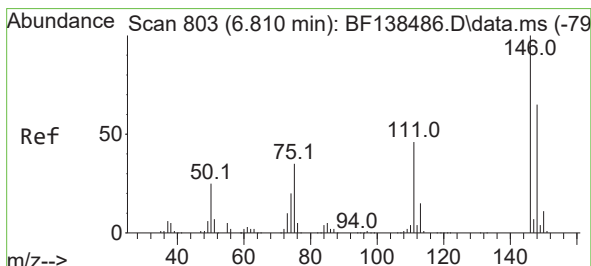
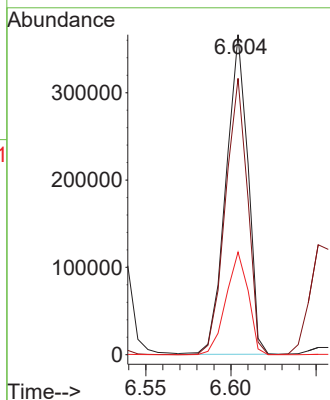
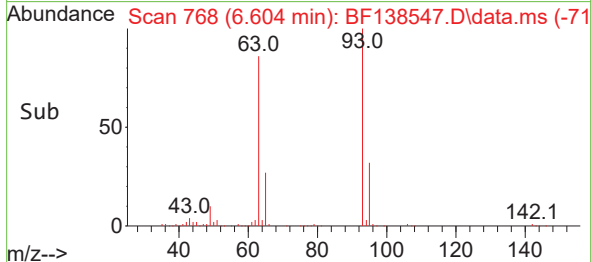
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



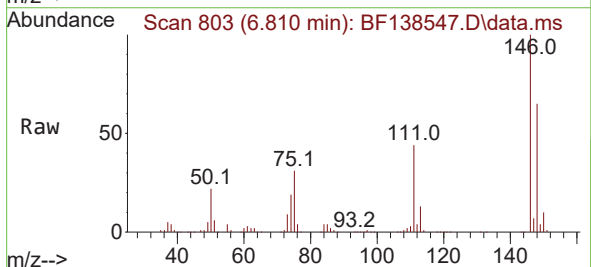
Tgt Ion: 93 Resp: 328238
Ion Ratio Lower Upper
93 100
63 86.3 68.8 108.8
95 32.0 11.8 51.8

Manual Integrations
APPROVED

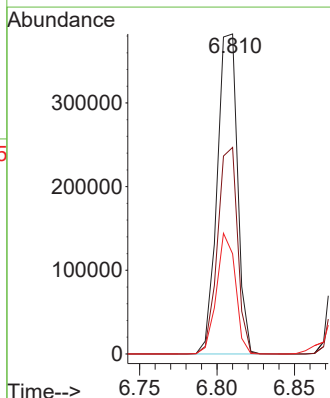
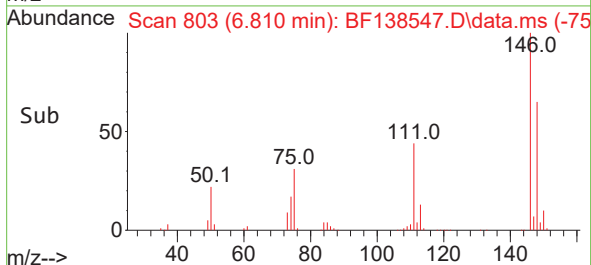
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

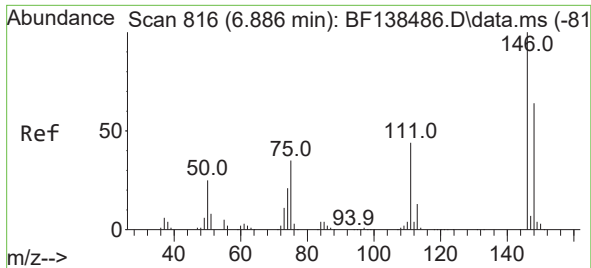


#12
1,3-Dichlorobenzene
Concen: 56.600 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33



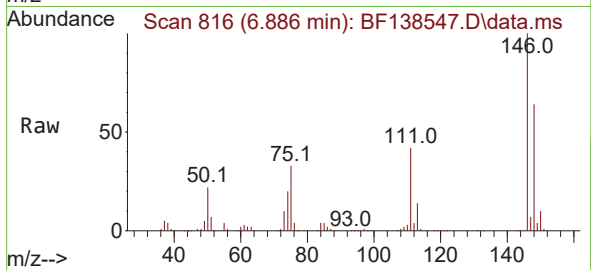
Tgt Ion:146 Resp: 350354
Ion Ratio Lower Upper
146 100
148 64.6 52.4 78.6
75 31.3 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 56.431 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

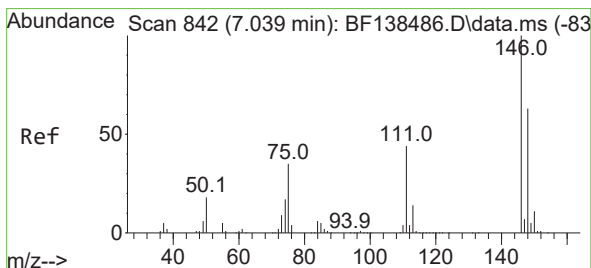
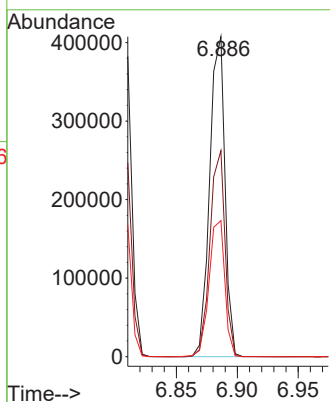
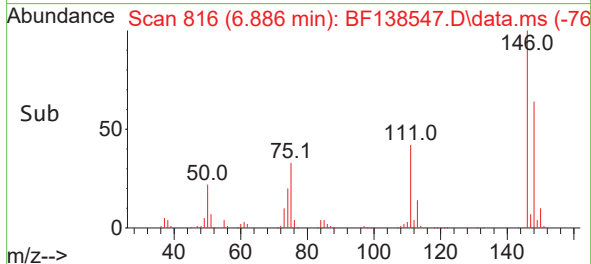
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



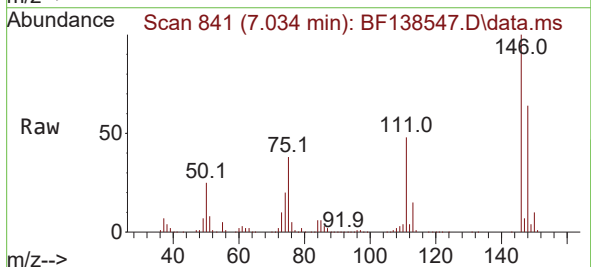
Tgt Ion:146 Resp: 354714
Ion Ratio Lower Upper
146 100
148 64.4 51.6 77.4
111 42.5 34.9 52.3

Manual Integrations
APPROVED

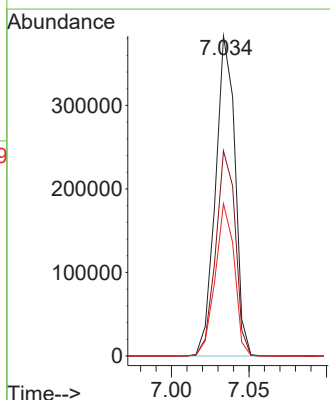
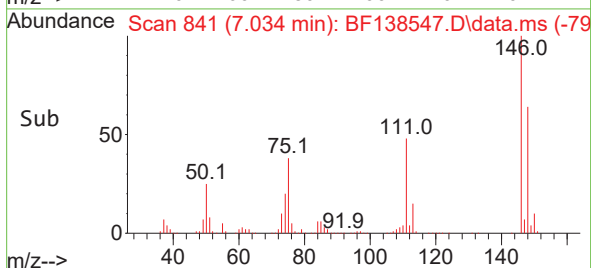
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

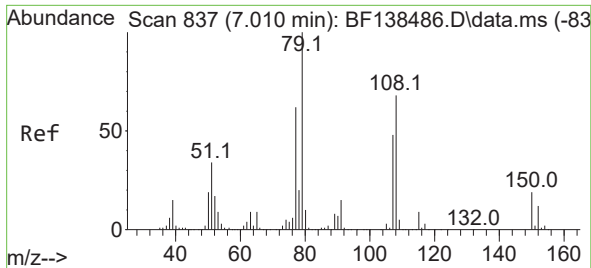


#14
1,2-Dichlorobenzene
Concen: 57.442 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33



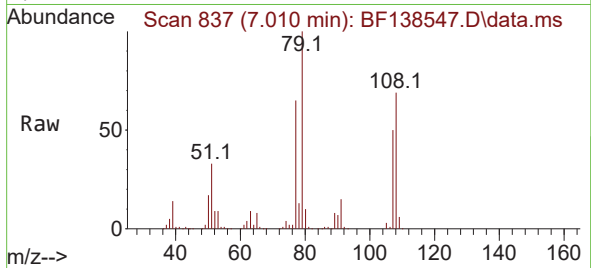
Tgt Ion:146 Resp: 336286
Ion Ratio Lower Upper
146 100
148 64.1 50.1 75.1
111 47.6 35.5 53.3





#15
Benzyl Alcohol
Concen: 61.712 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

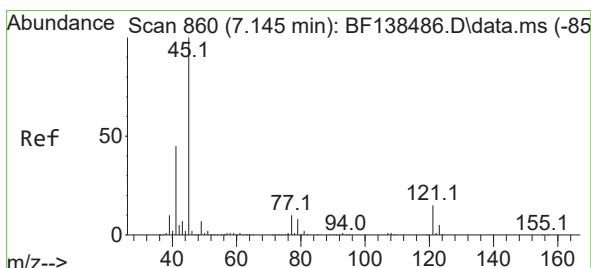
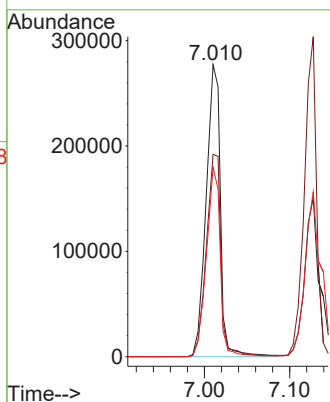
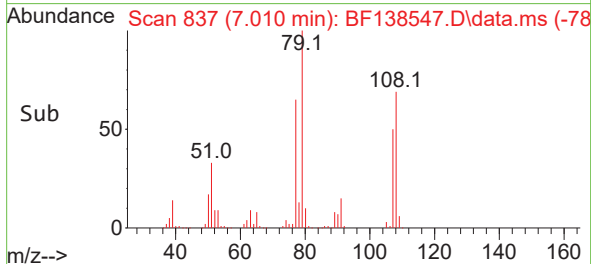
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion: 79 Resp: 320862
Ion Ratio Lower Upper
79 100
108 69.3 54.3 81.5
77 64.8 50.0 75.0

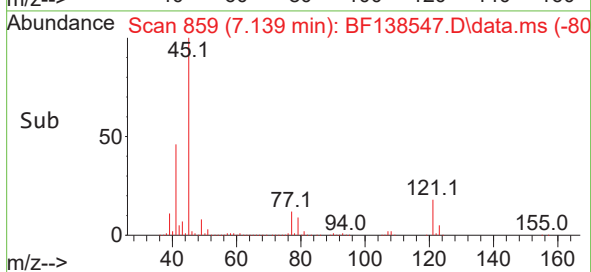
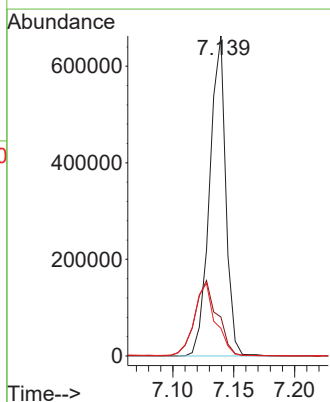
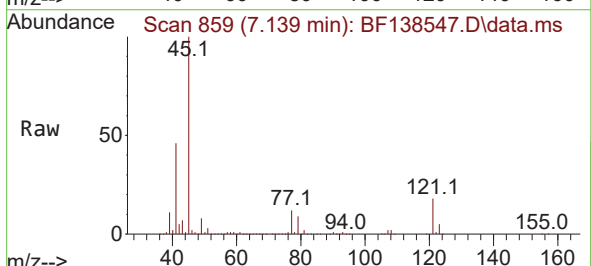
Manual Integrations
APPROVED

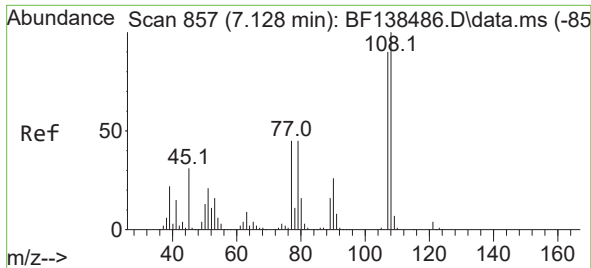
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.248 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

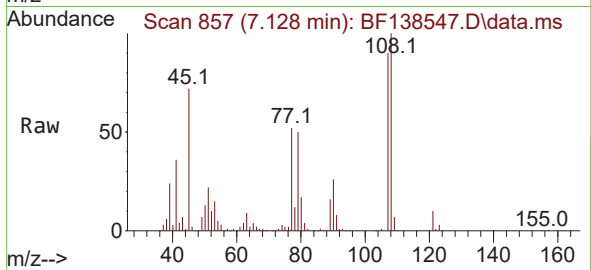
Tgt Ion: 45 Resp: 612428
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.4
79 8.6 0.0 28.1





#17
2-Methylphenol
Concen: 59.991 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

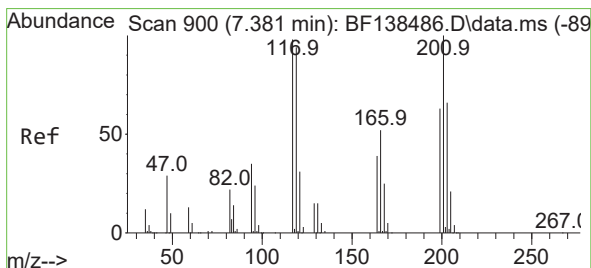
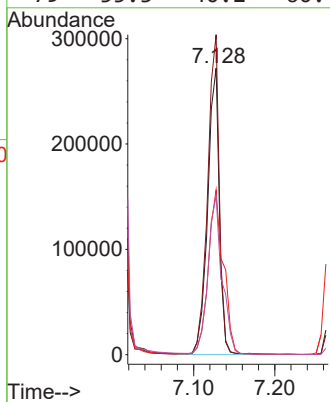
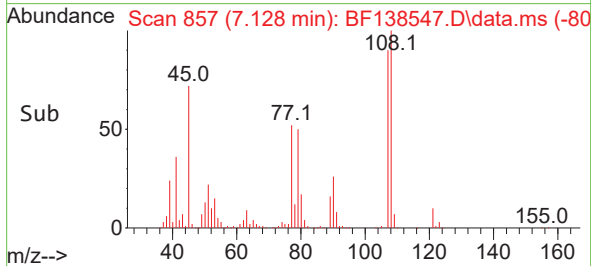
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:	107	Resp:	270752
Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.0	133.4
77	57.5	40.3	60.5
79	55.3	40.2	60.4

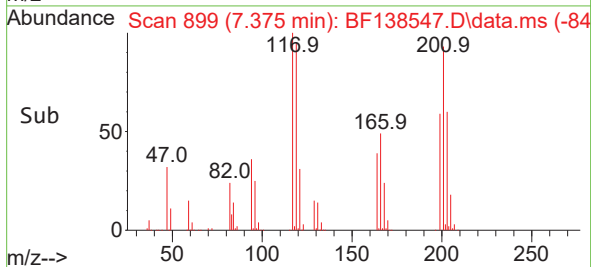
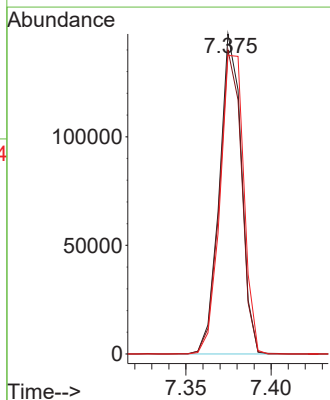
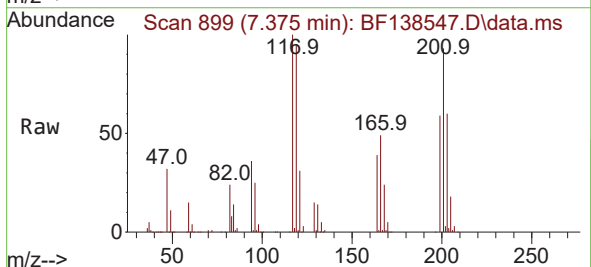
Manual Integrations
APPROVED

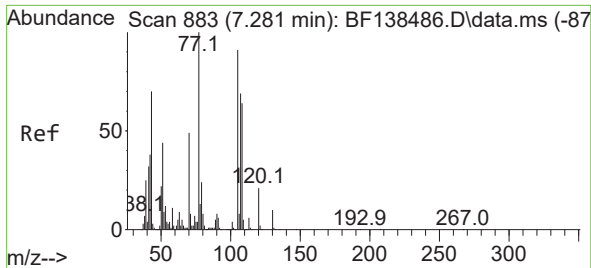
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#18
Hexachloroethane
Concen: 57.204 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

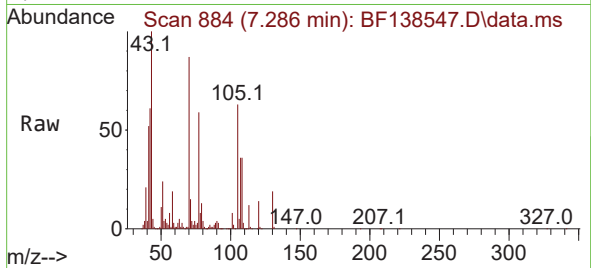
Tgt Ion:	117	Resp:	132187
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.6	114.8
201	93.3	81.4	122.0





#19
n-Nitroso-di-n-propylamine
Concen: 59.700 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

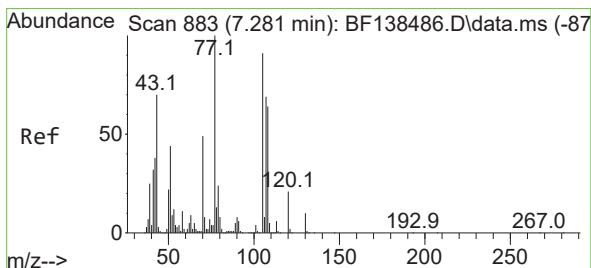
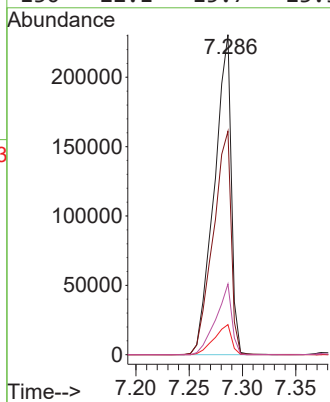
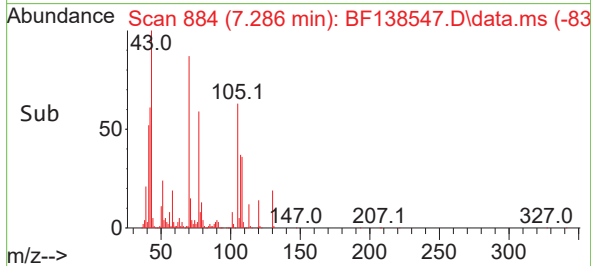
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion: 70 Resp: 25556
Ion Ratio Lower Upper
70 100
42 69.8 62.4 93.6
101 9.4 7.2 10.8
130 22.1 15.7 23.5

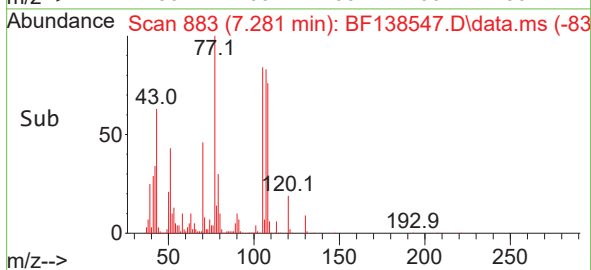
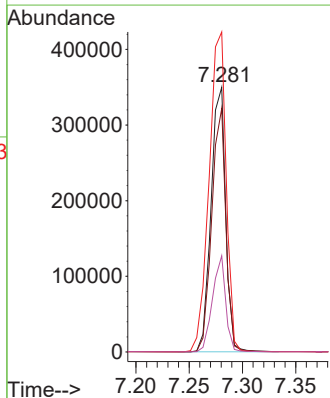
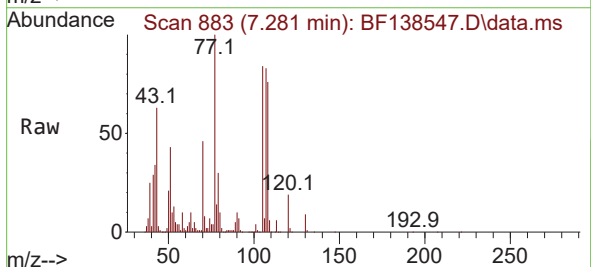
Manual Integrations
APPROVED

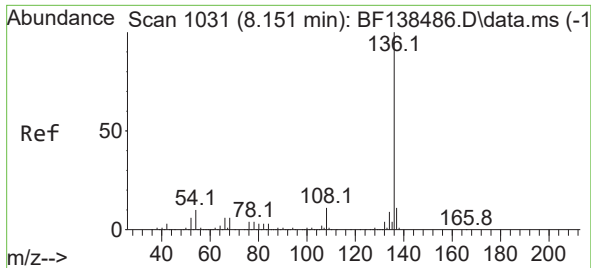
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#20
3+4-Methylphenols
Concen: 59.037 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

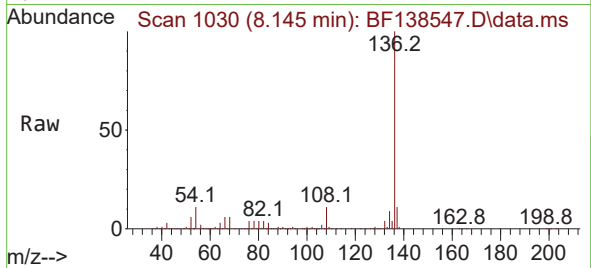
Tgt Ion:107 Resp: 335525
Ion Ratio Lower Upper
107 100
108 92.0 73.7 113.7
77 120.9 126.0 166.0#
79 36.3 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

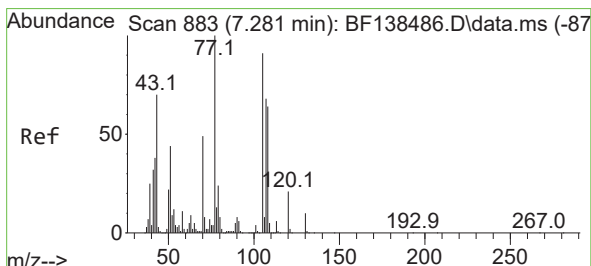
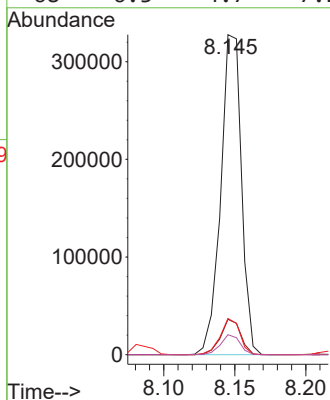
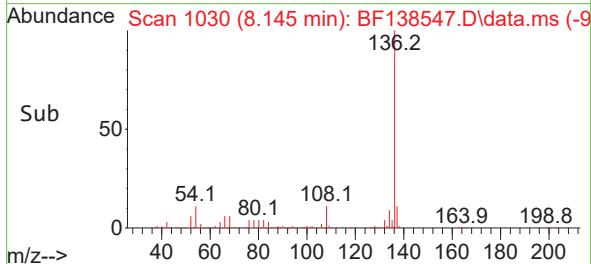
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:136 Resp: 332685
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 11.3 8.1 12.1
68 6.3 4.7 7.1

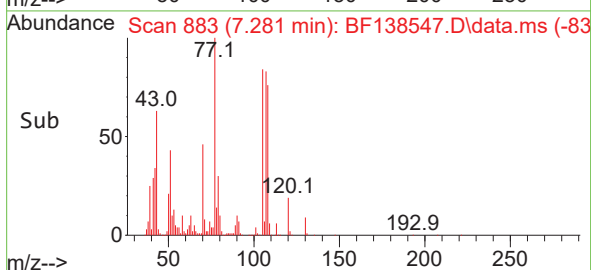
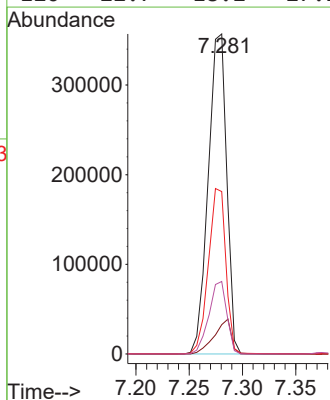
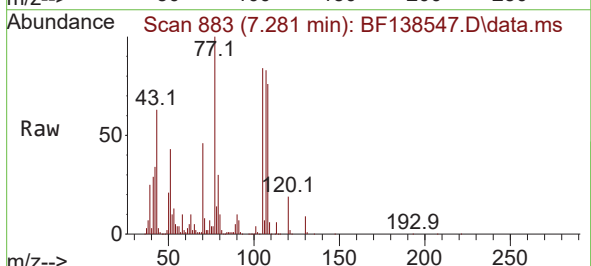
Manual Integrations
APPROVED

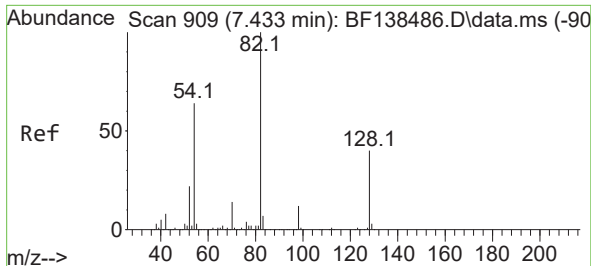
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Acetophenone
Concen: 53.336 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

Tgt Ion:105 Resp: 430951
Ion Ratio Lower Upper
105 100
71 9.2 7.4 11.2
51 50.8 38.7 58.1
120 22.7 18.2 27.2





#23

Nitrobenzene-d5

Concen: 82.238 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF138547.D

Acq: 12 Jul 2024 15:33

Instrument :

BNA_F

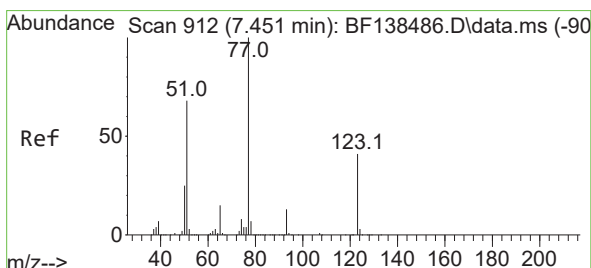
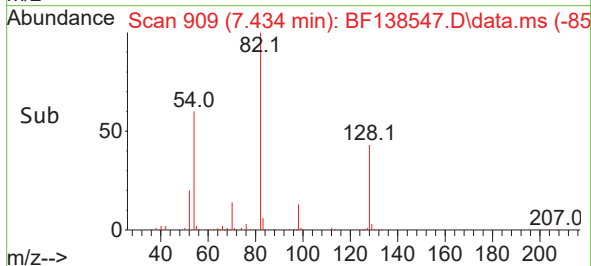
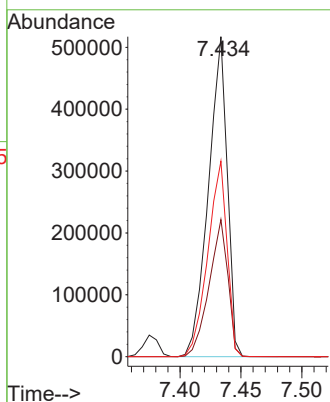
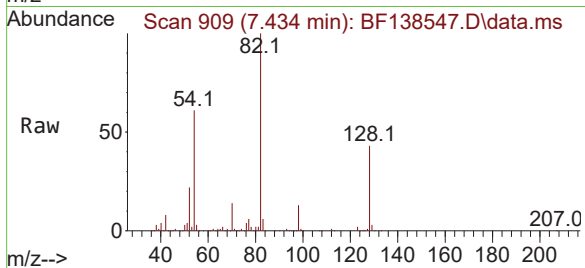
ClientSampleId :

FILL-MATERIAL-1MSD

Tgt Ion: 82	Resp: 55724
Ion Ratio	Lower Upper
82	100
128	42.9 32.3 48.5
54	61.1 51.4 77.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#24

Nitrobenzene

Concen: 56.037 ng

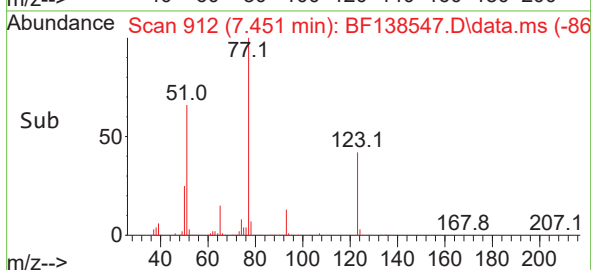
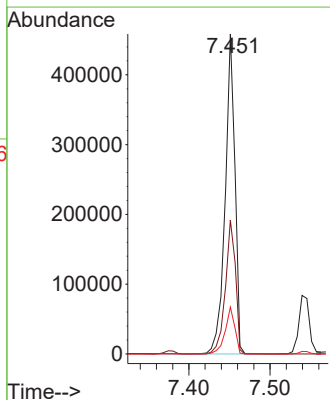
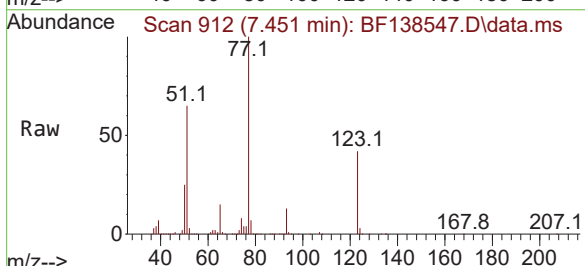
RT: 7.451 min Scan# 912

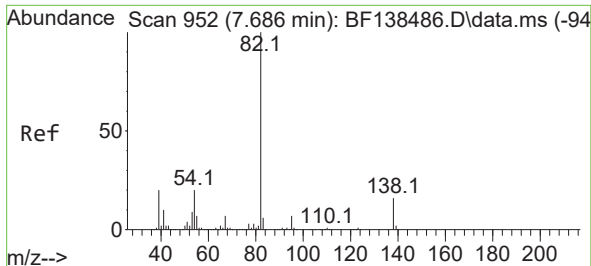
Delta R.T. 0.000 min

Lab File: BF138547.D

Acq: 12 Jul 2024 15:33

Tgt Ion: 77	Resp: 385864
Ion Ratio	Lower Upper
77	100
123	41.9 32.4 48.6
65	14.6 11.8 17.8





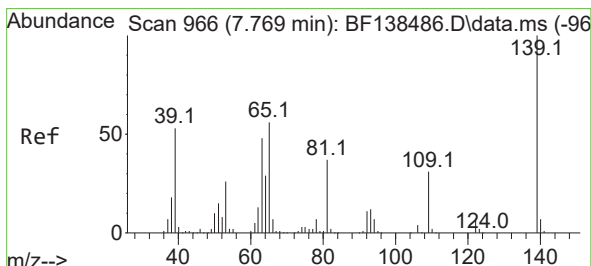
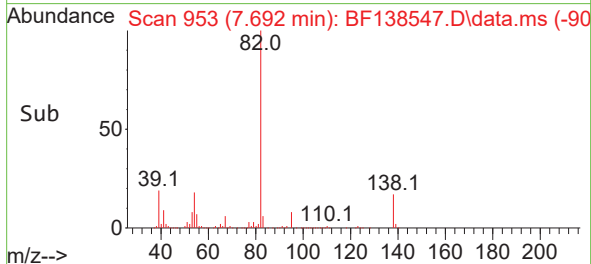
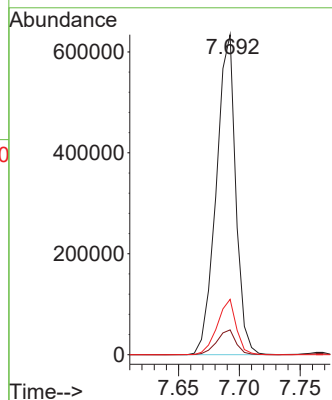
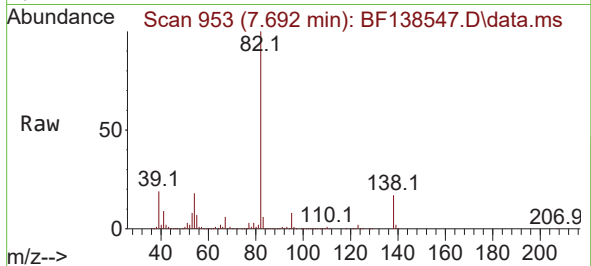
#25
Isophorone
Concen: 60.662 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD

Tgt Ion: 82 Resp: 70588
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 17.3 12.8 19.2

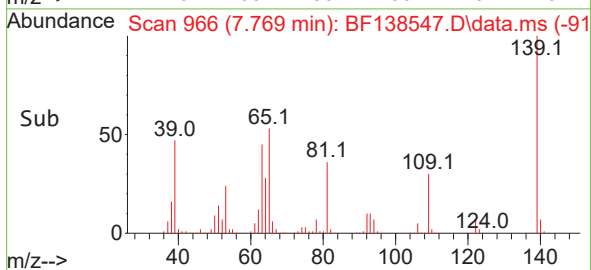
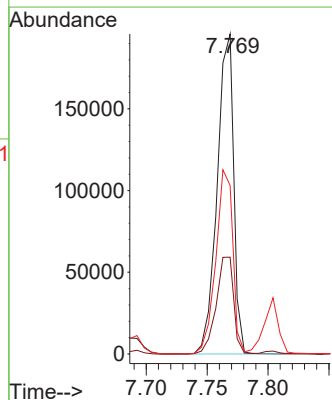
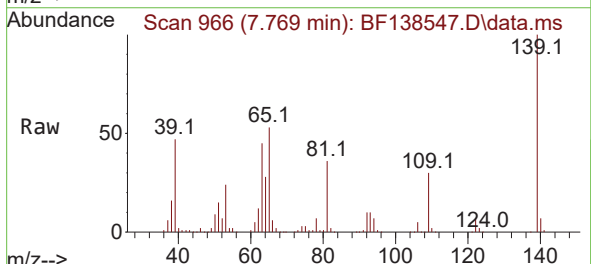
Manual Integrations
APPROVED

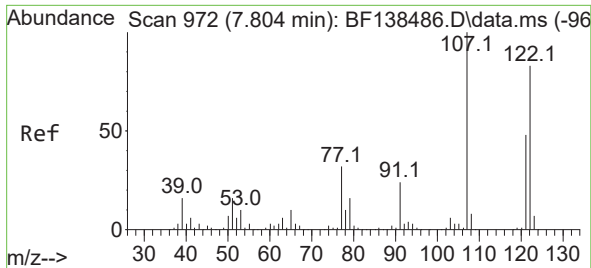
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#26
2-Nitrophenol
Concen: 62.758 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

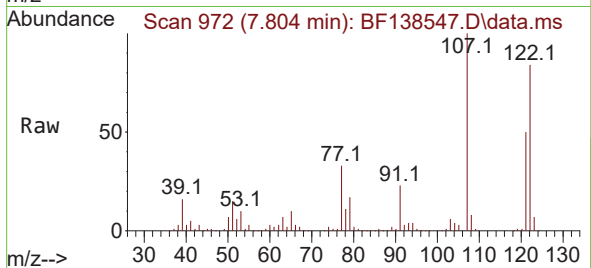
Tgt Ion:139 Resp: 185217
Ion Ratio Lower Upper
139 100
109 30.2 24.8 37.2
65 52.6 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 65.949 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

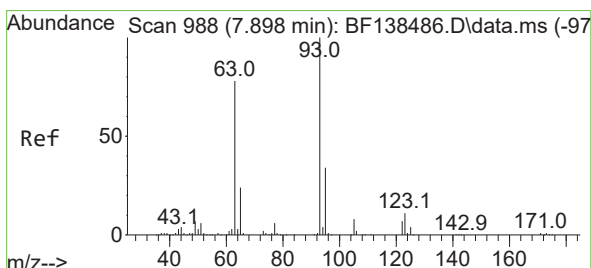
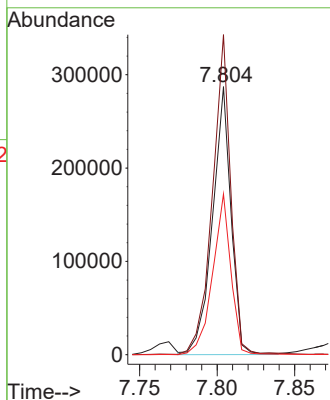
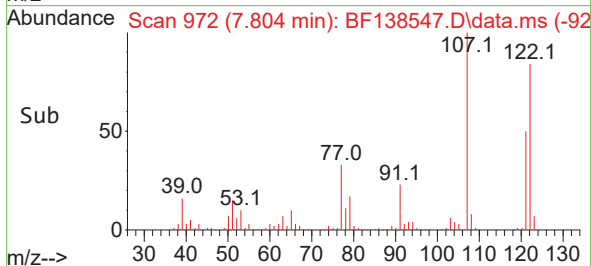
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



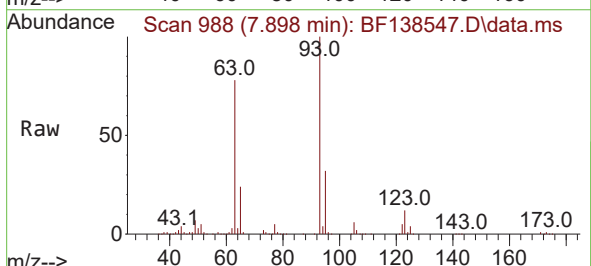
Tgt Ion:122 Resp: 239218
Ion Ratio Lower Upper
122 100
107 119.4 96.3 144.5
121 59.9 46.7 70.1

Manual Integrations
APPROVED

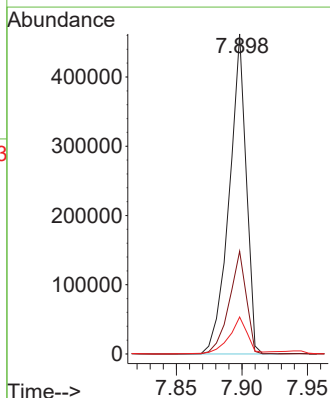
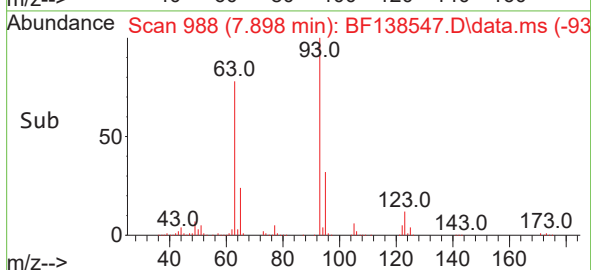
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

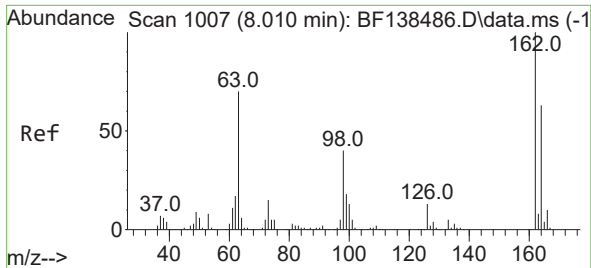


#28
bis(2-Chloroethoxy)methane
Concen: 59.936 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33



Tgt Ion: 93 Resp: 416815
Ion Ratio Lower Upper
93 100
95 32.1 27.0 40.6
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 60.726 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF138547.D

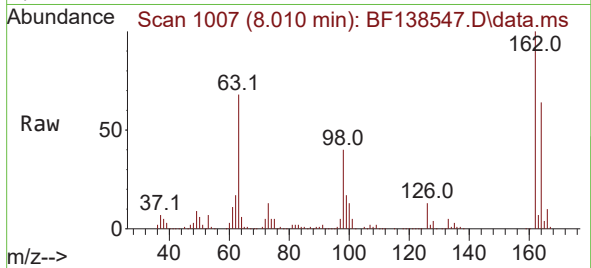
Acq: 12 Jul 2024 15:33

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MSD



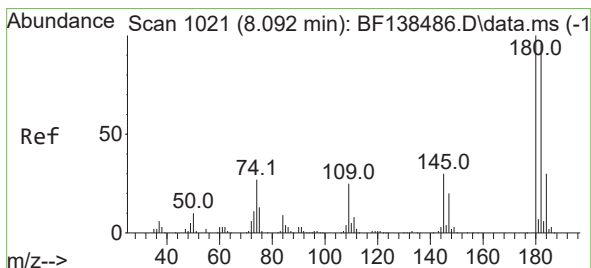
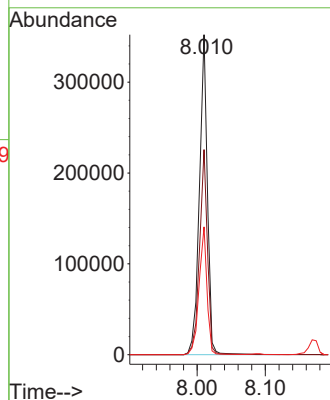
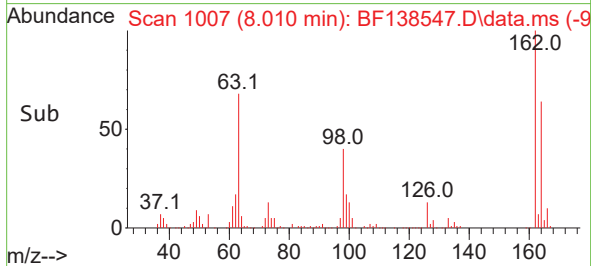
Tgt Ion:162	Resp: 28604
Ion Ratio	Lower Upper
162 100	
164 64.1	42.6 82.6
98 40.0	20.1 60.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/19/2024



#30

1,2,4-Trichlorobenzene

Concen: 56.421 ng

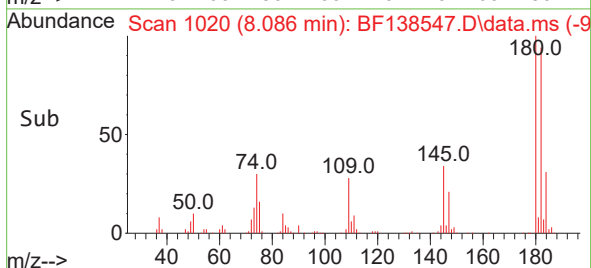
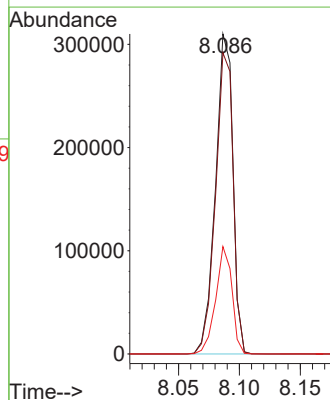
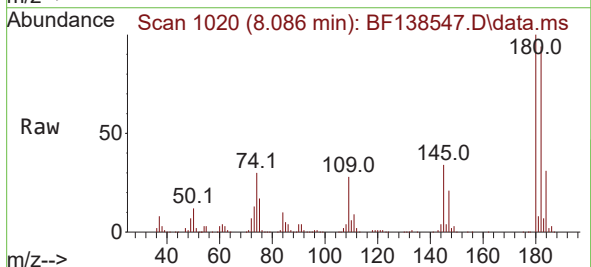
RT: 8.086 min Scan# 1020

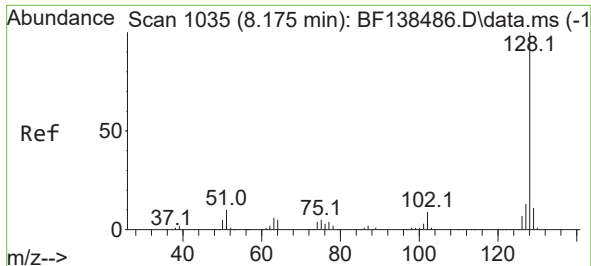
Delta R.T. -0.006 min

Lab File: BF138547.D

Acq: 12 Jul 2024 15:33

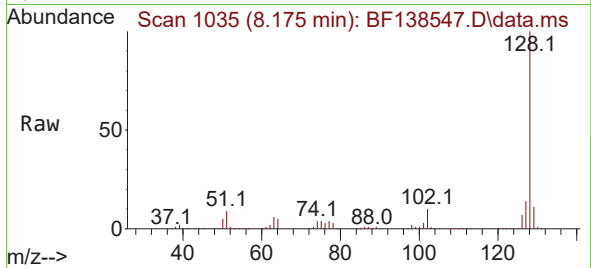
Tgt Ion:180	Resp: 309597
Ion Ratio	Lower Upper
180 100	
182 94.1	76.9 115.3
145 33.6	23.9 35.9





#31
Naphthalene
Concen: 56.489 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

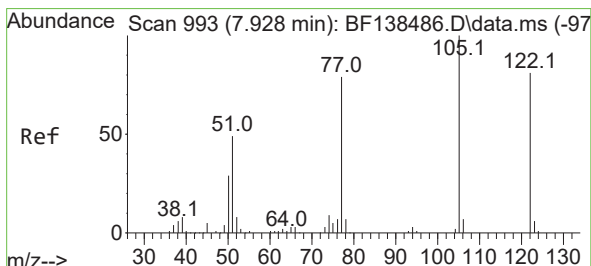
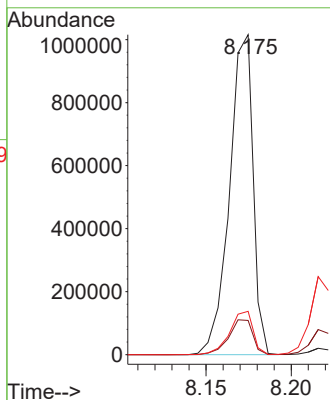
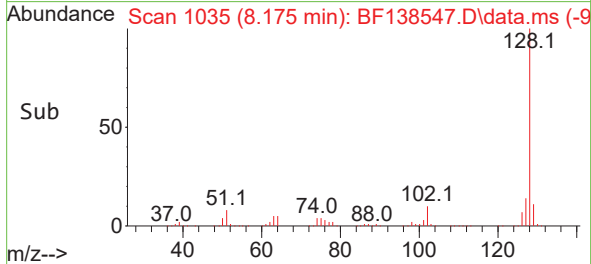
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:128 Resp: 97738
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.6 10.7 16.1

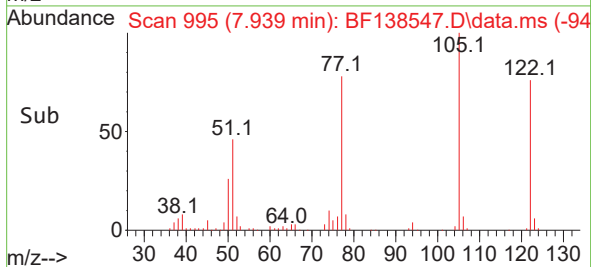
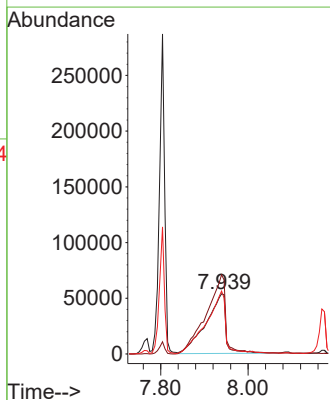
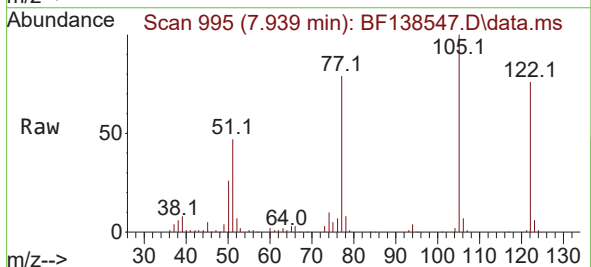
Manual Integrations
APPROVED

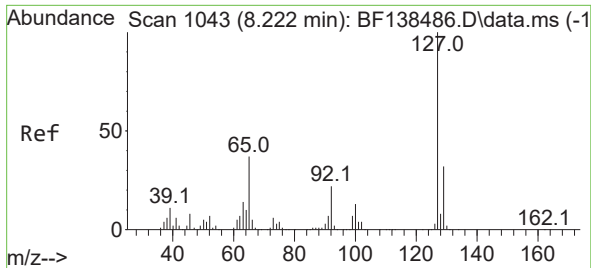
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#32
Benzoic acid
Concen: 49.675 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.012 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

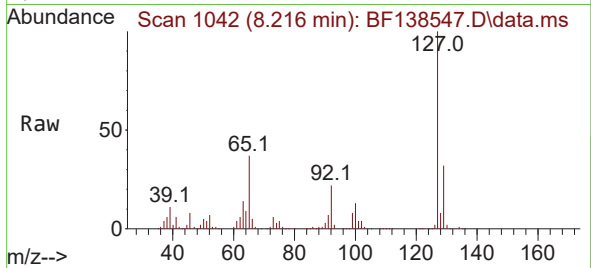
Tgt Ion:122 Resp: 171857
Ion Ratio Lower Upper
122 100
105 131.6 101.5 141.5
77 104.5 77.3 117.3





#33
4-Chloroaniline
Concen: 38.713 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

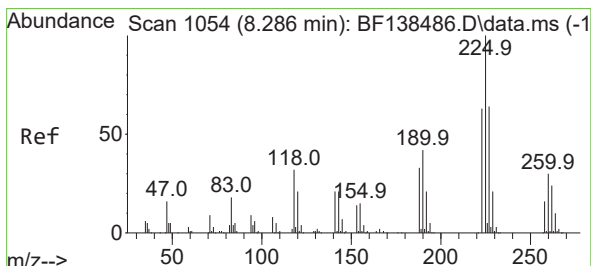
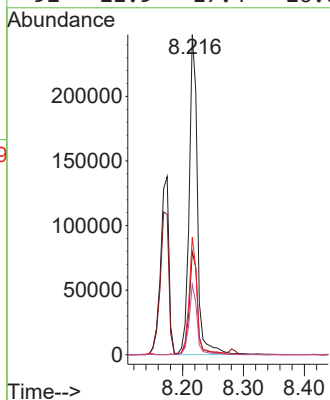
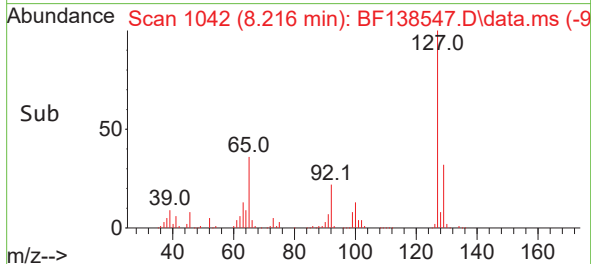
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:	127	Resp:	235019
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.6	38.4
65	36.7	29.6	44.4
92	21.9	17.4	26.0

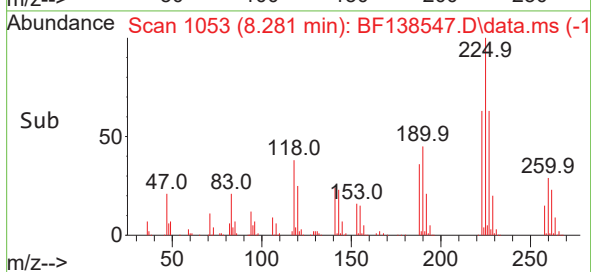
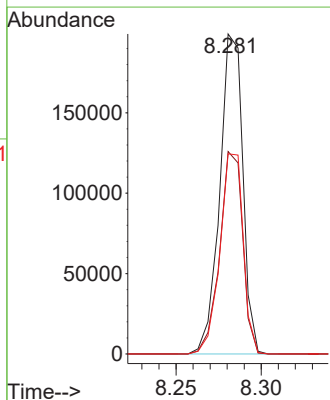
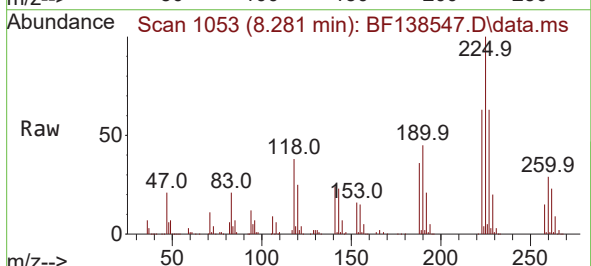
Manual Integrations
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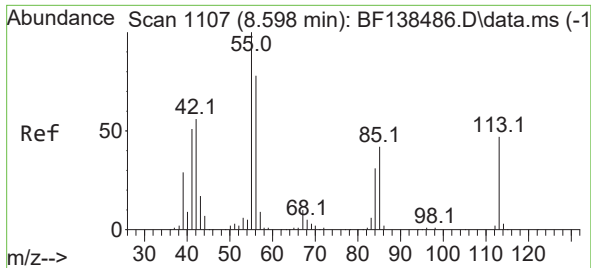
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#34
Hexachlorobutadiene
Concen: 55.443 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

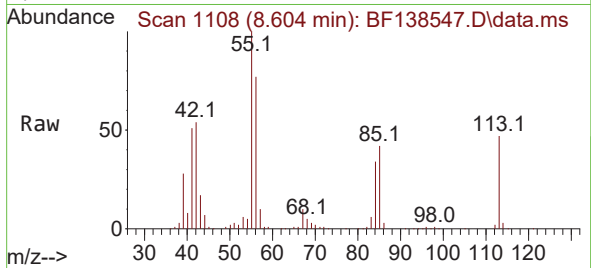
Tgt Ion:	225	Resp:	187343
Ion Ratio	Lower	Upper	
225	100		
223	63.3	50.0	75.0
227	62.6	51.0	76.6





#35
Caprolactam
Concen: 55.499 ng m
RT: 8.604 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

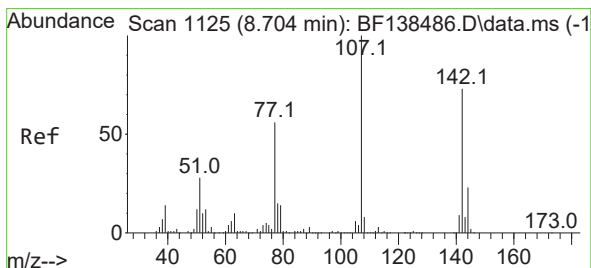
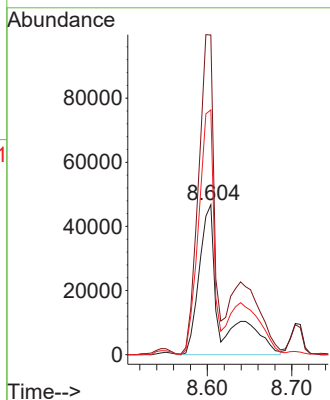
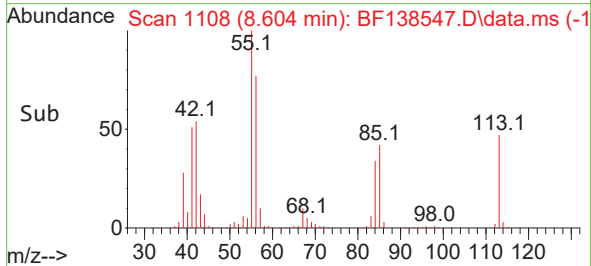
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:113 Resp: 8435
Ion Ratio Lower Upper
113 100
55 213.2 192.5 232.5
56 163.2 145.3 185.3

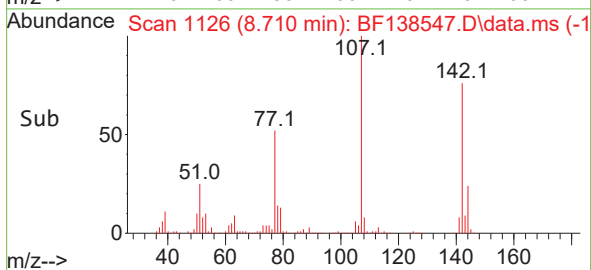
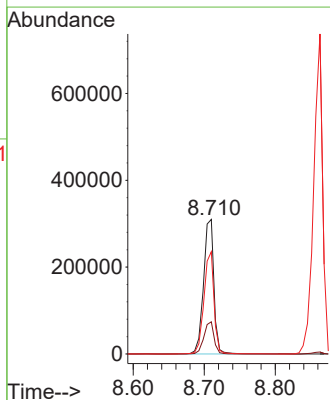
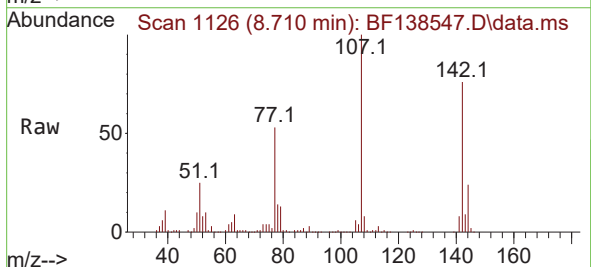
Manual Integrations
APPROVED

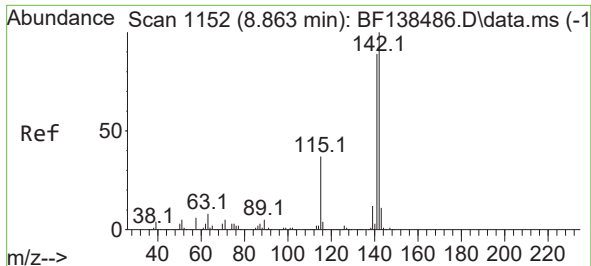
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#36
4-Chloro-3-methylphenol
Concen: 59.904 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

Tgt Ion:107 Resp: 315899
Ion Ratio Lower Upper
107 100
144 24.0 18.6 27.8
142 75.9 58.6 88.0





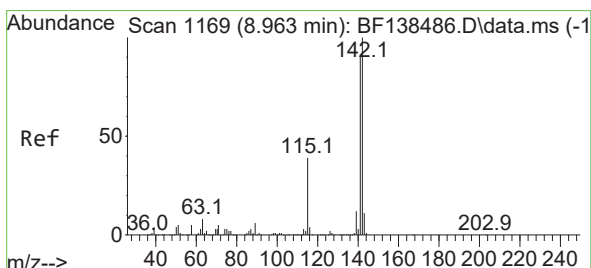
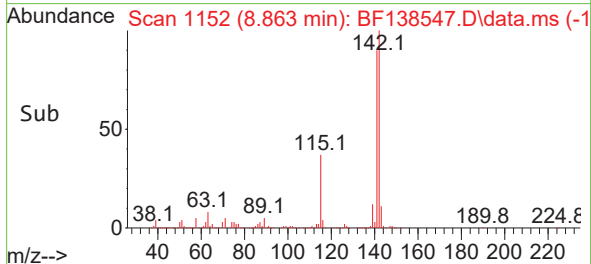
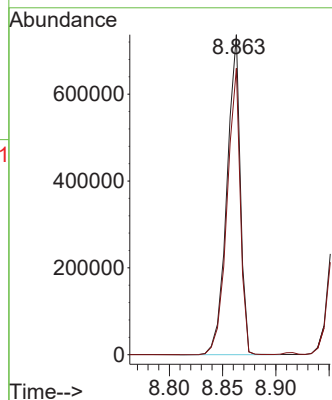
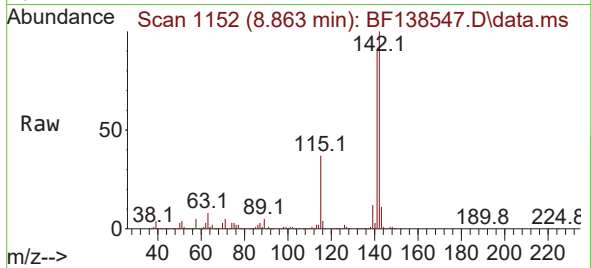
#37
2-Methylnaphthalene
Concen: 57.836 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD

Tgt Ion:142 Resp: 643970
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.0

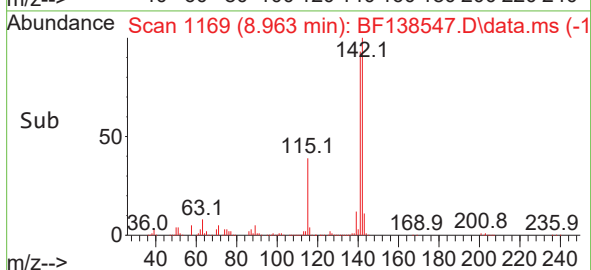
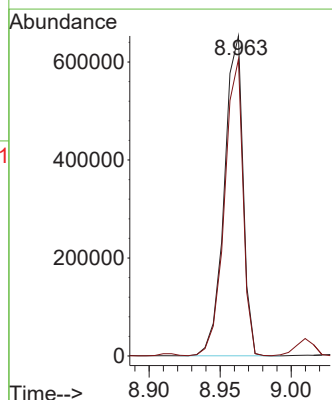
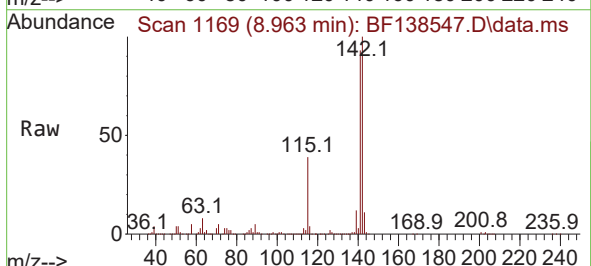
Manual Integrations
APPROVED

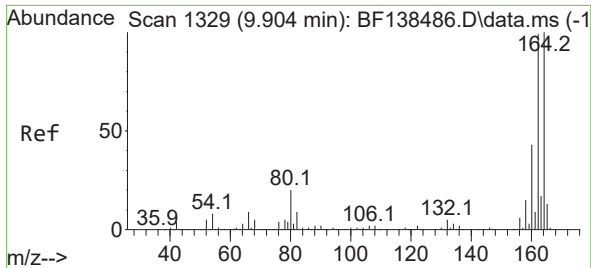
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#38
1-Methylnaphthalene
Concen: 55.016 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

Tgt Ion:142 Resp: 597840
Ion Ratio Lower Upper
142 100
141 92.7 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF138547.D

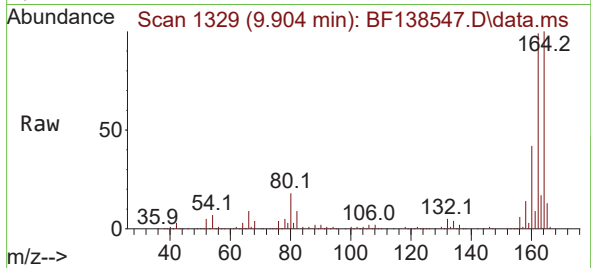
Acq: 12 Jul 2024 15:33

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MSD



Tgt Ion:164 Resp: 18352

Ion Ratio Lower Upper

164 100

162 98.6 79.0 118.6

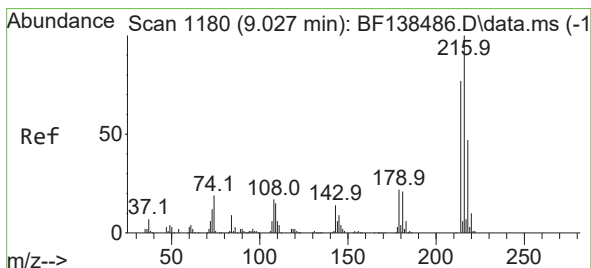
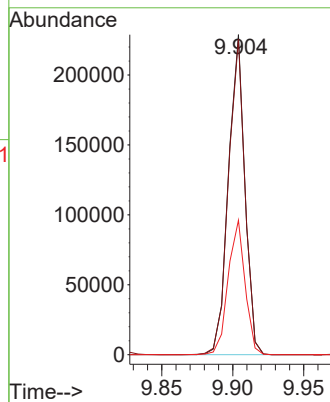
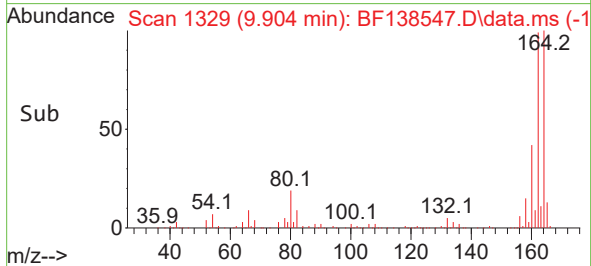
160 42.0 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/19/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.343 ng

RT: 9.028 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF138547.D

Acq: 12 Jul 2024 15:33

Tgt Ion:216 Resp: 283079

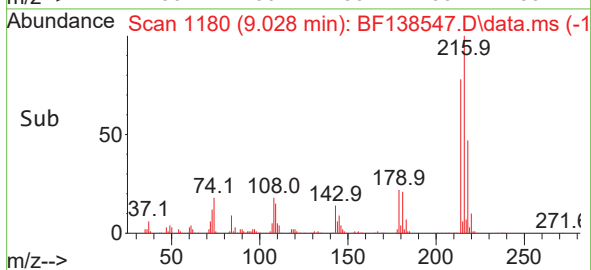
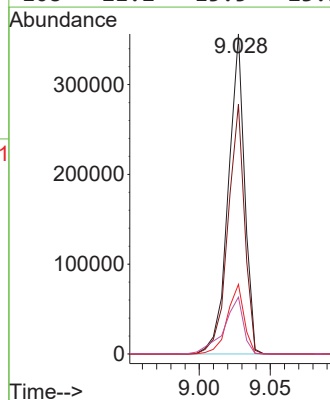
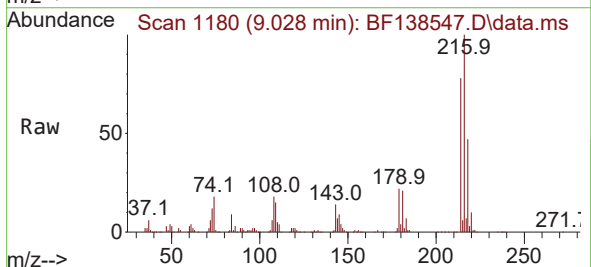
Ion Ratio Lower Upper

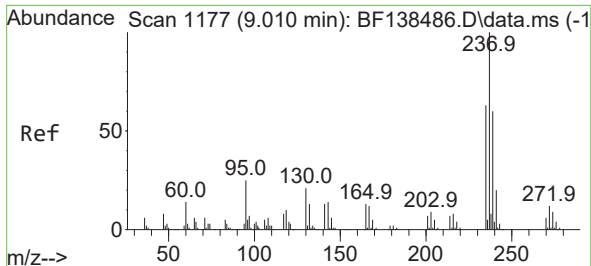
216 100

214 79.2 62.8 94.2

179 22.4 17.7 26.5

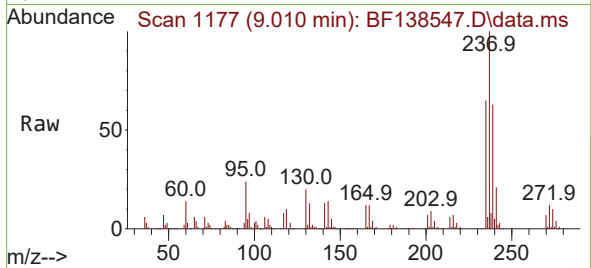
108 21.2 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 152.368 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

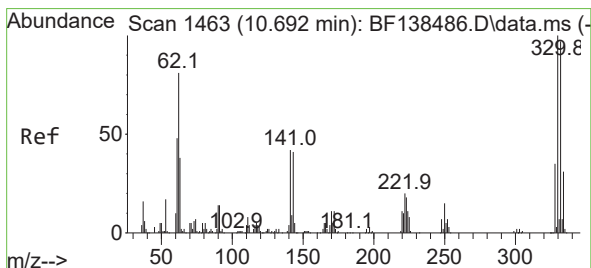
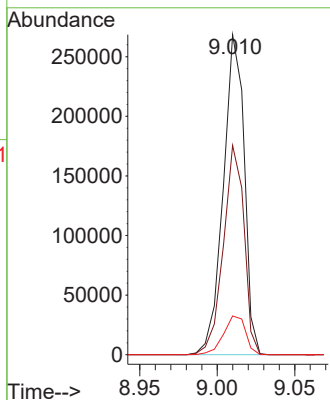
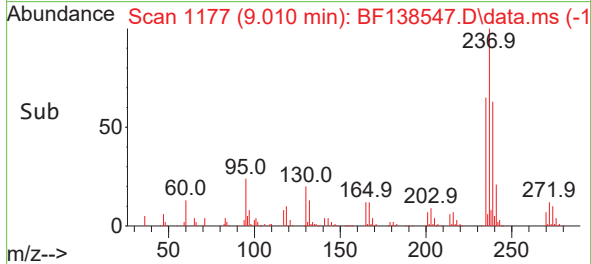
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



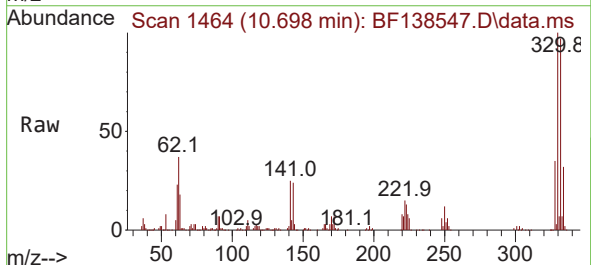
Tgt Ion:237 Resp: 25296
Ion Ratio Lower Upper
237 100
235 65.4 43.3 83.3
272 12.1 0.0 32.3

Manual Integrations
APPROVED

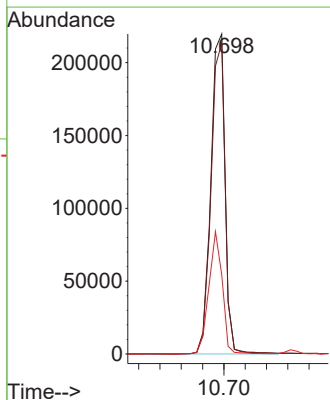
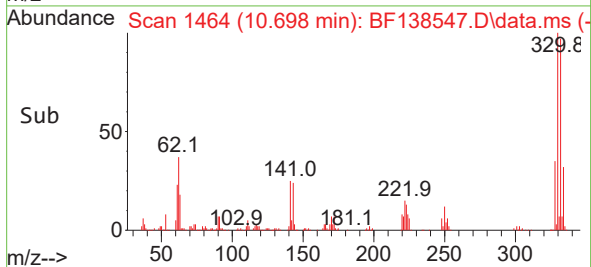
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

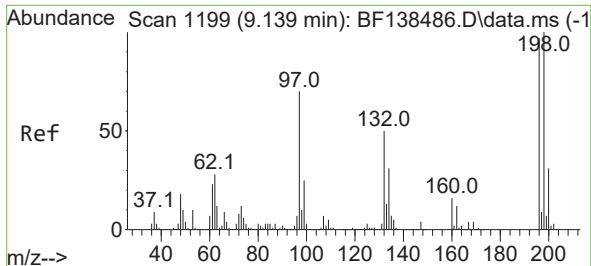


#42
2,4,6-Tribromophenol
Concen: 118.946 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33



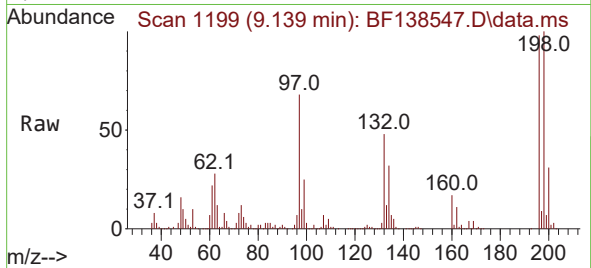
Tgt Ion:330 Resp: 204022
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 36.1 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 60.699 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

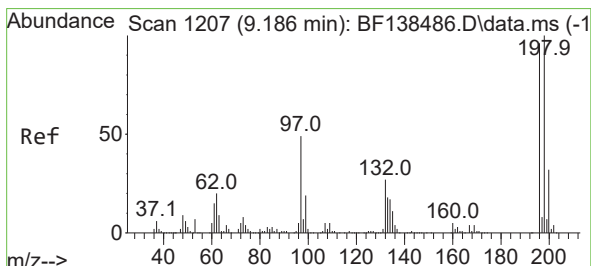
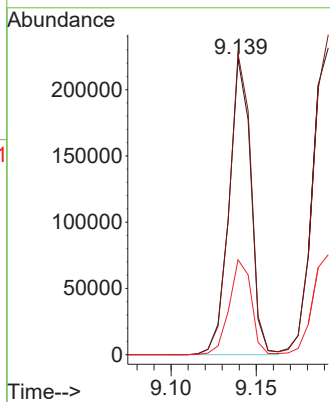
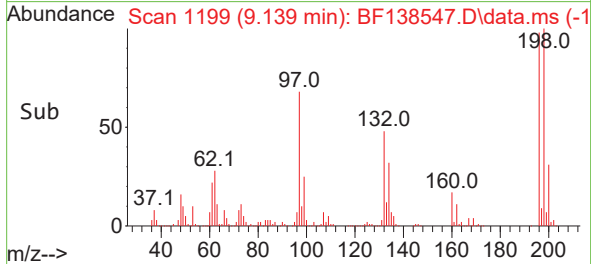
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:196 Resp: 19804
Ion Ratio Lower Upper
196 100
198 101.8 82.3 123.5
200 32.1 25.8 38.6

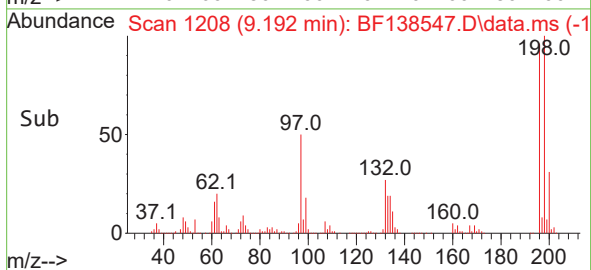
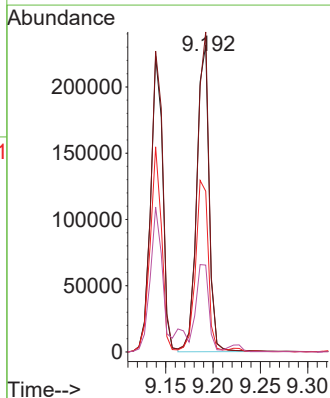
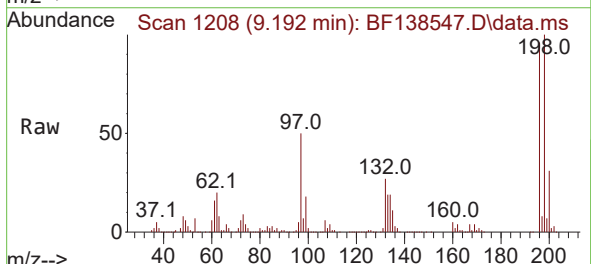
Manual Integrations
APPROVED

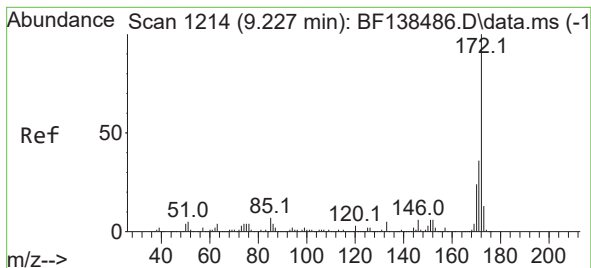
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#44
2,4,5-Trichlorophenol
Concen: 58.647 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

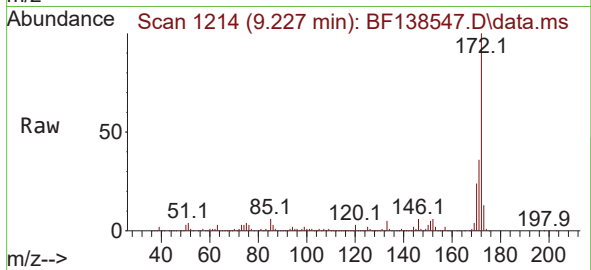
Tgt Ion:196 Resp: 210465
Ion Ratio Lower Upper
196 100
198 104.3 82.8 124.2
97 52.4 41.0 61.4
132 28.3 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 86.263 ng
RT: 9.227 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

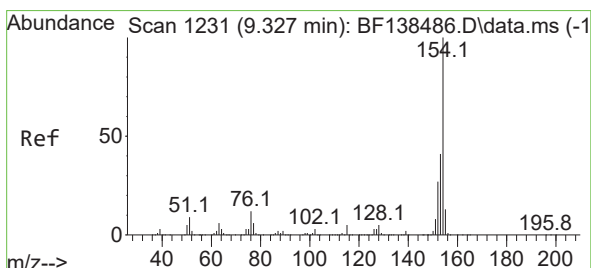
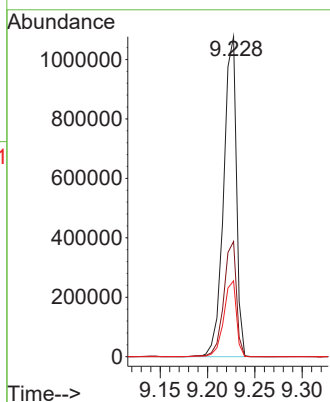
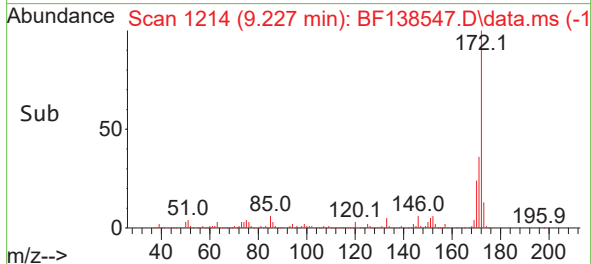
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



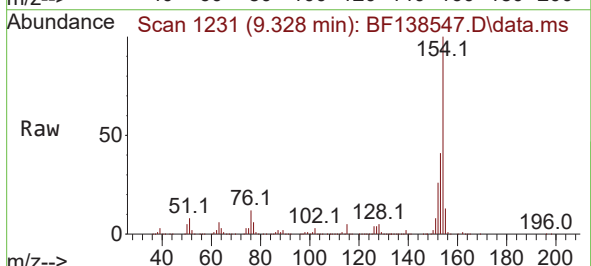
Tgt Ion:172 Resp: 1012959
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.7 18.9 28.3

Manual Integrations
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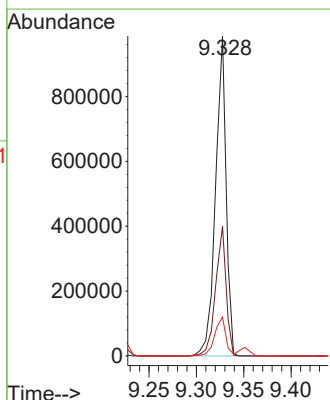
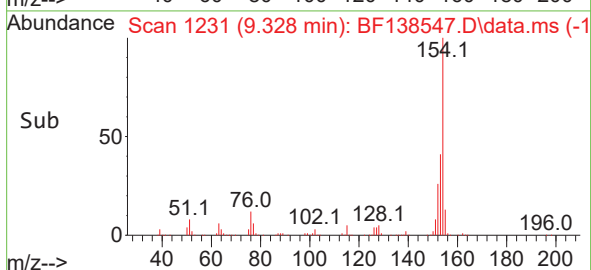
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

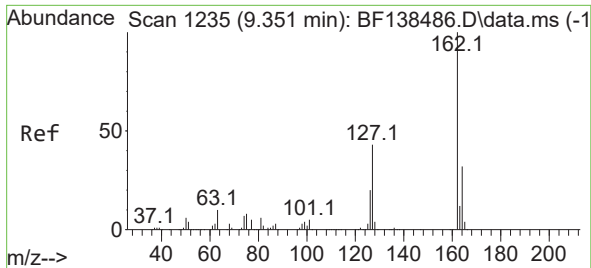


#46
1,1'-Biphenyl
Concen: 54.939 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33



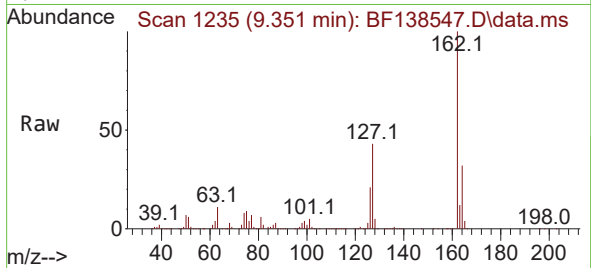
Tgt Ion:154 Resp: 764120
Ion Ratio Lower Upper
154 100
153 40.5 20.7 60.7
76 12.2 0.0 32.2





#47
2-Chloronaphthalene
Concen: 58.383 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

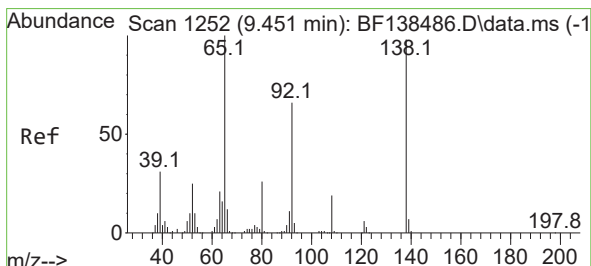
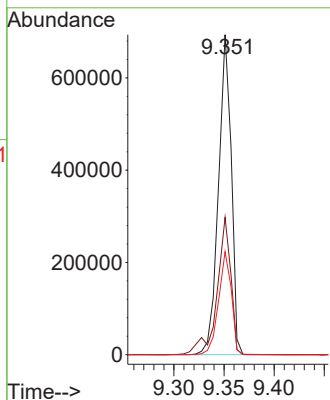
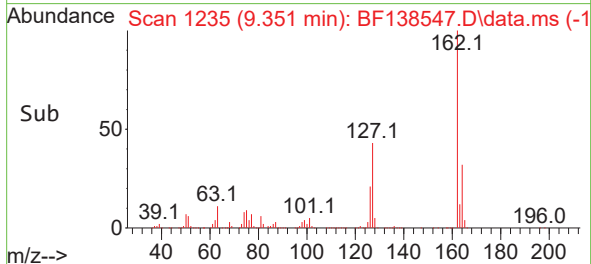
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:162 Resp: 613440
Ion Ratio Lower Upper
162 100
127 42.9 34.8 52.2
164 32.2 25.6 38.4

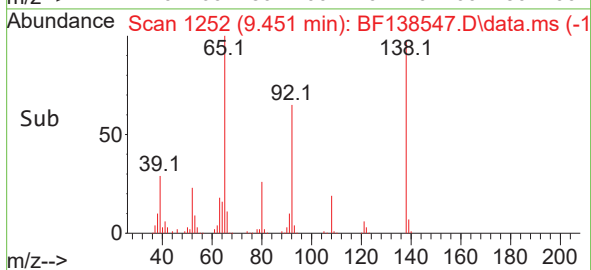
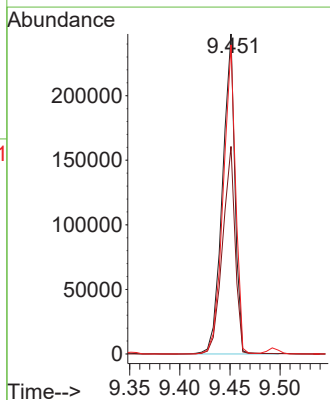
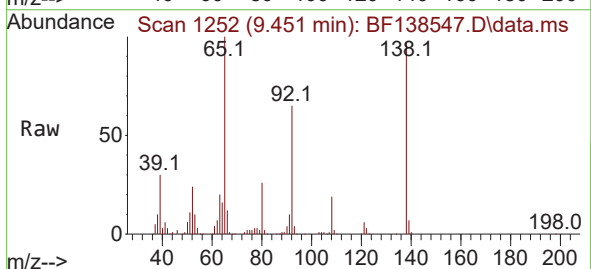
Manual Integrations
APPROVED

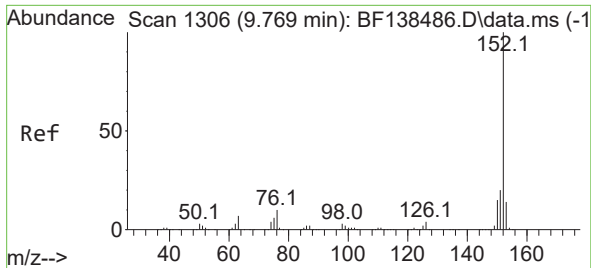
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#48
2-Nitroaniline
Concen: 58.856 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

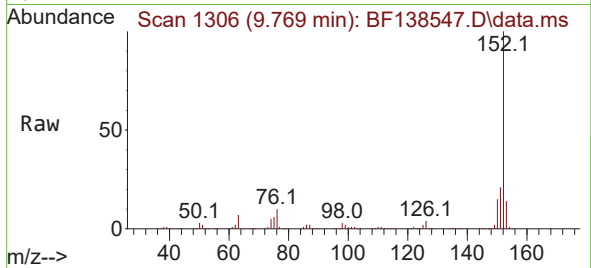
Tgt Ion: 65 Resp: 214300
Ion Ratio Lower Upper
65 100
92 64.9 52.6 78.8
138 96.6 78.6 118.0





#49
Acenaphthylene
Concen: 62.375 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

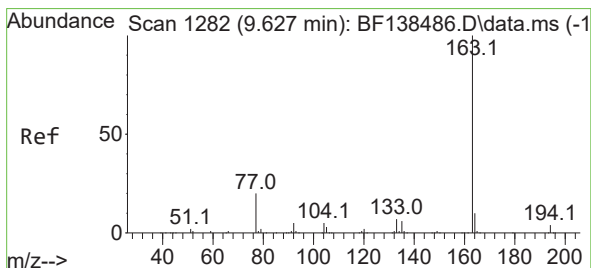
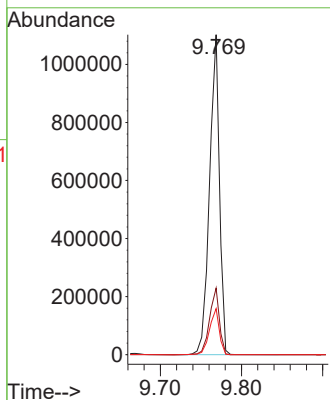
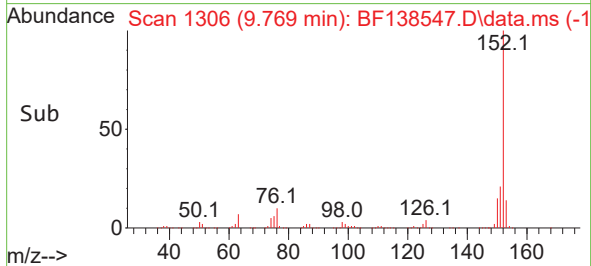
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



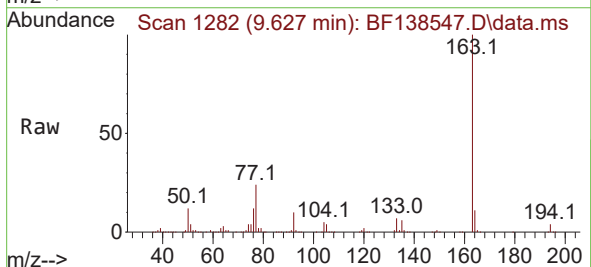
Tgt Ion:152 Resp: 930504
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.4 11.3 16.9

Manual Integrations
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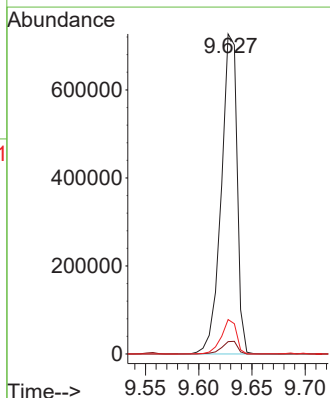
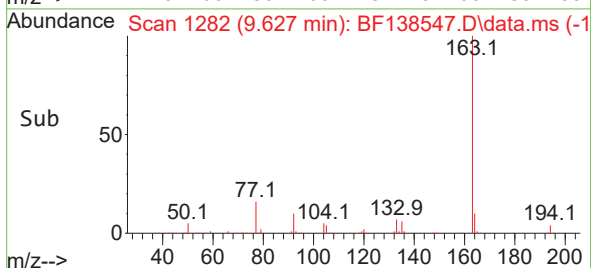
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

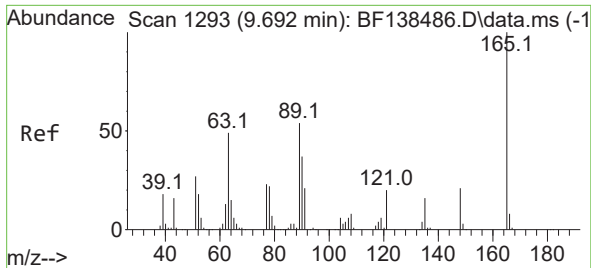


#50
Dimethylphthalate
Concen: 63.053 ng
RT: 9.627 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33



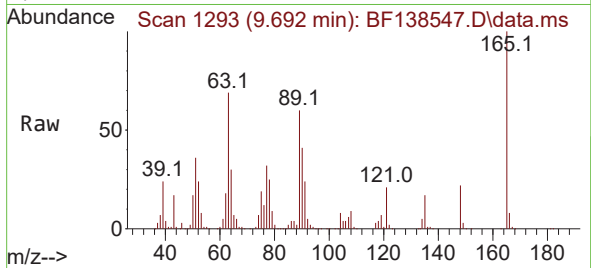
Tgt Ion:163 Resp: 748266
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.7 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 58.744 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

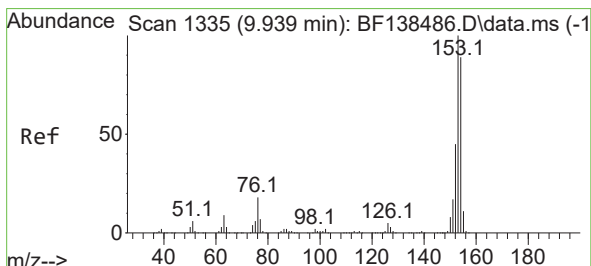
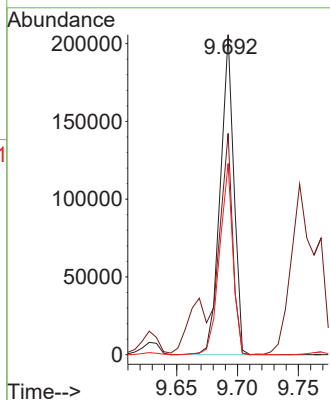
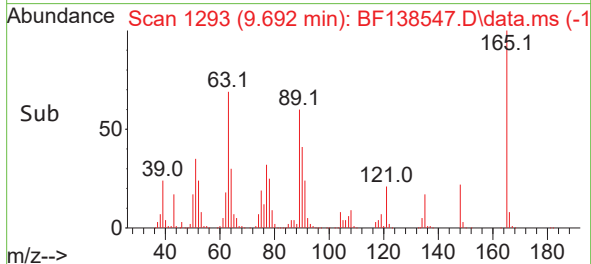
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:165 Resp: 160512
Ion Ratio Lower Upper
165 100
63 69.1 48.1 72.1
89 59.8 43.0 64.6

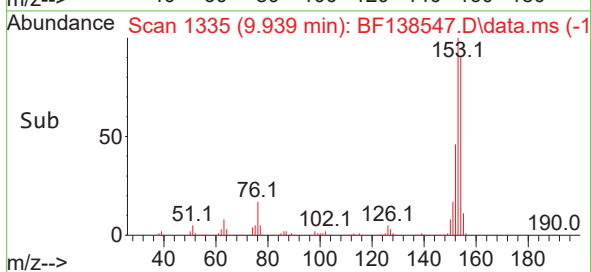
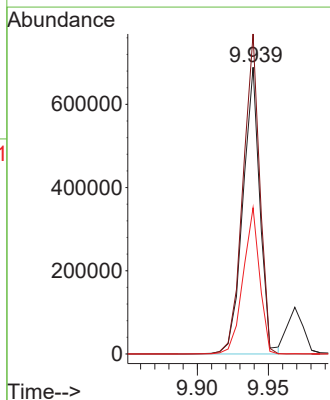
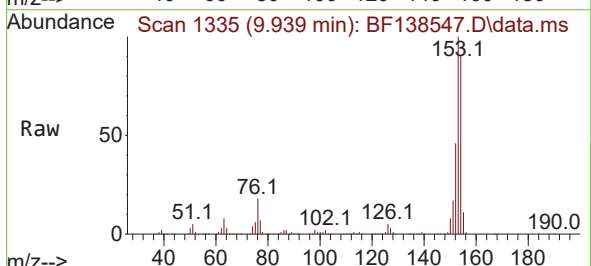
Manual Integrations
APPROVED

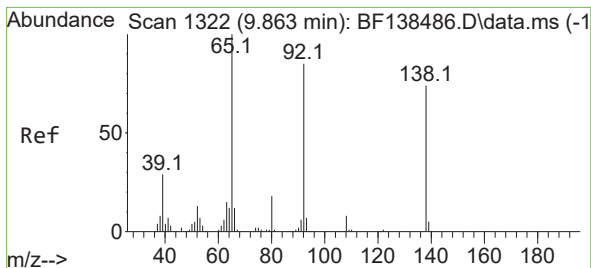
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#52
Acenaphthene
Concen: 57.735 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

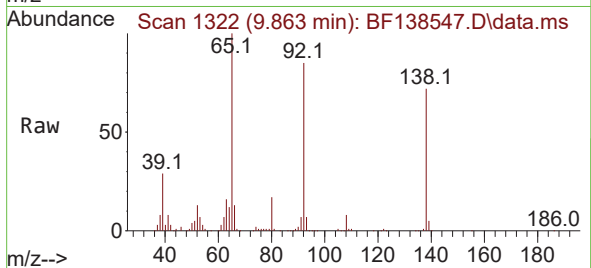
Tgt Ion:154 Resp: 572515
Ion Ratio Lower Upper
154 100
153 111.6 90.4 135.6
152 51.0 41.1 61.7





#53
3-Nitroaniline
Concen: 41.771 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

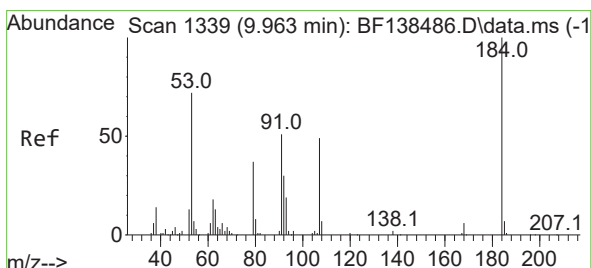
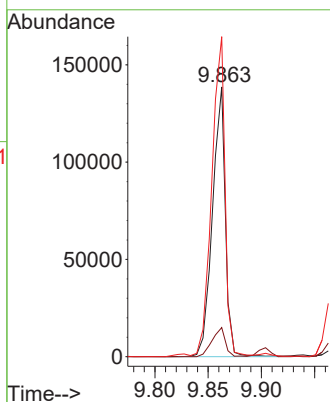
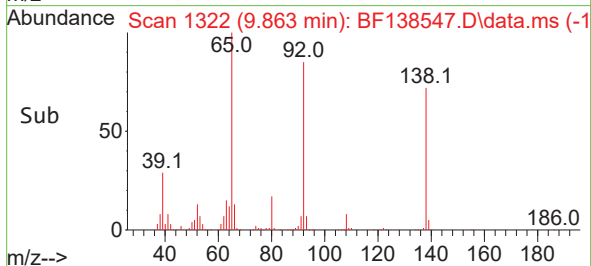
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



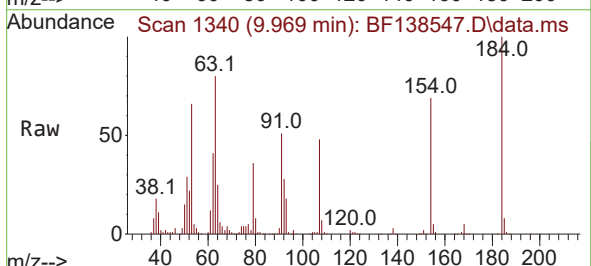
Tgt Ion:138 Resp: 116980
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 118.6 92.6 138.8

Manual Integrations
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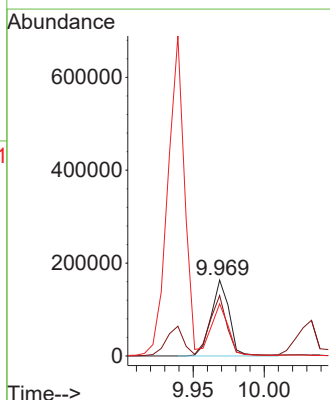
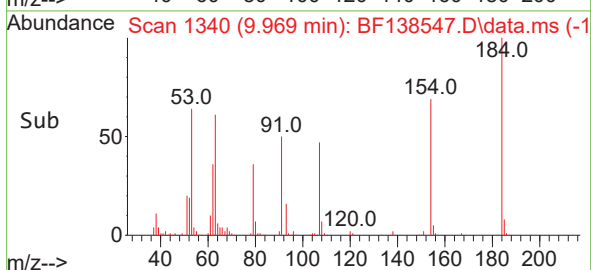
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

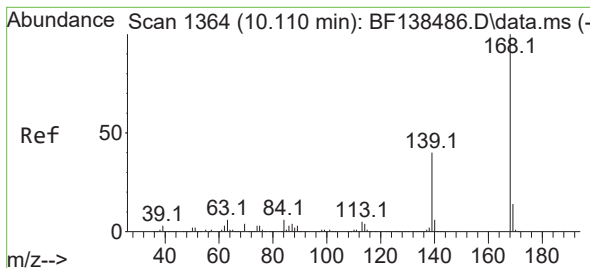


#54
2,4-Dinitrophenol
Concen: 97.860 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33



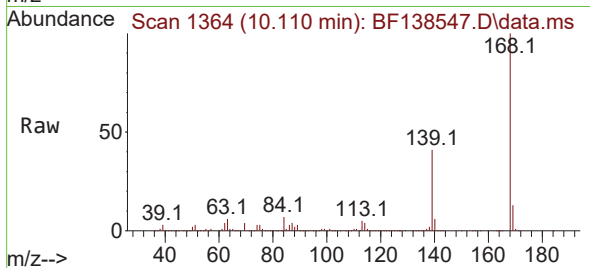
Tgt Ion:184 Resp: 145129
Ion Ratio Lower Upper
184 100
63 79.7 70.6 106.0
154 68.7 53.8 80.6





#55
Dibenzenofuran
Concen: 58.264 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

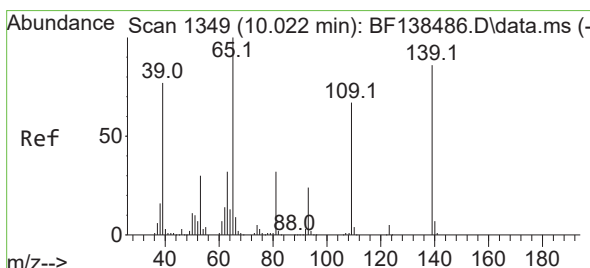
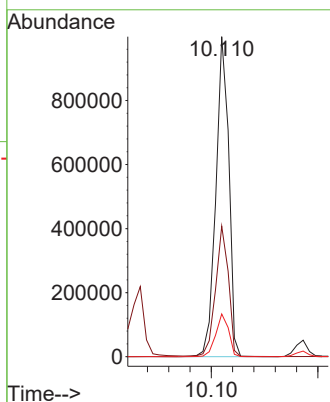
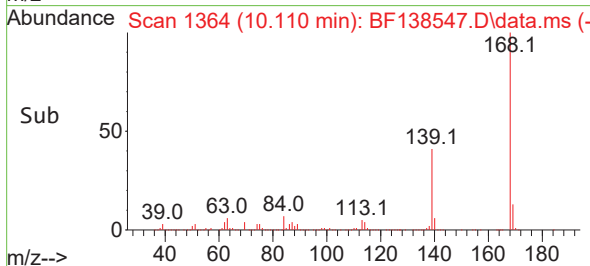
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



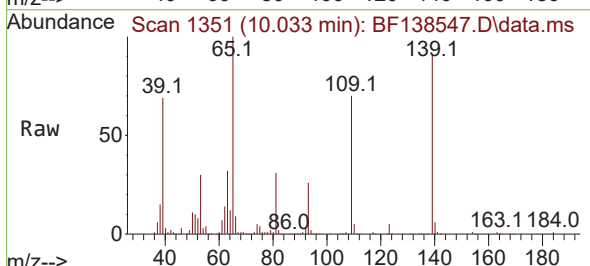
Tgt Ion:168 Resp: 838018
Ion Ratio Lower Upper
168 100
139 40.8 32.4 48.6
169 13.4 10.9 16.3

Manual Integrations
APPROVED

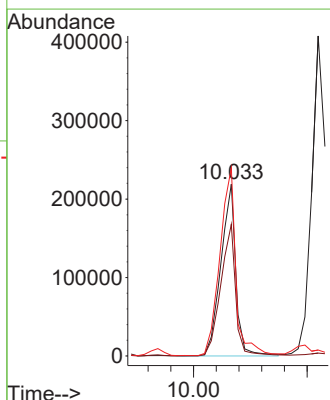
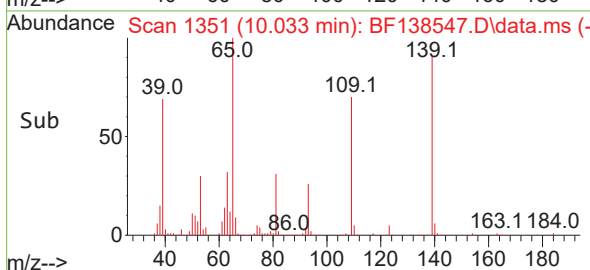
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

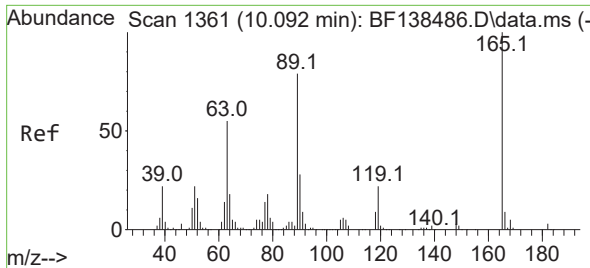


#56
4-Nitrophenol
Concen: 97.515 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33



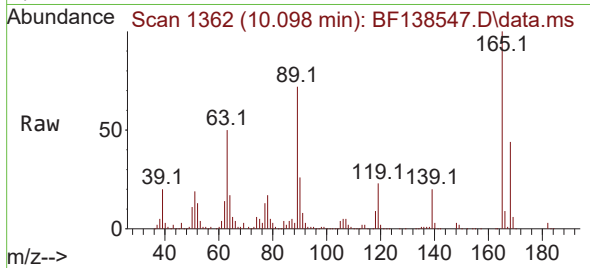
Tgt Ion:139 Resp: 201503
Ion Ratio Lower Upper
139 100
109 76.6 58.1 98.1
65 109.5 96.9 136.9





#57
2,4-Dinitrotoluene
Concen: 57.590 ng
RT: 10.098 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

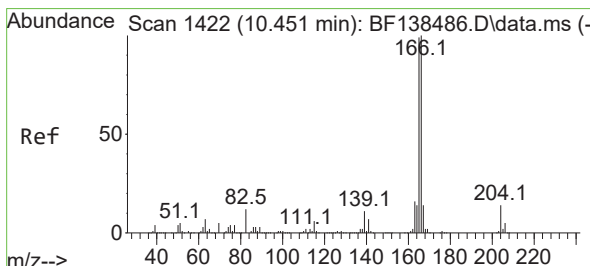
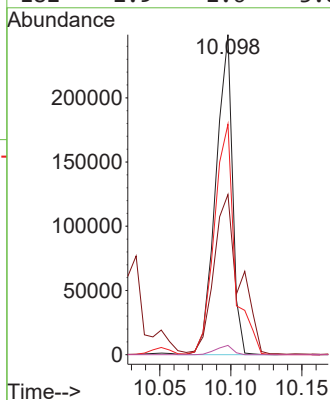
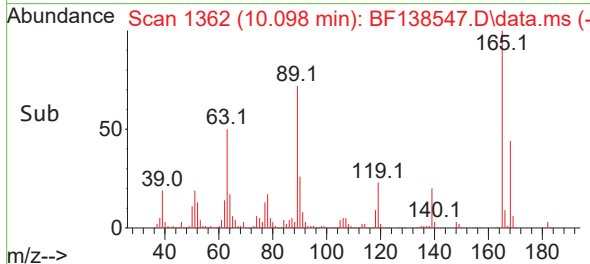
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:165 Resp: 203598
Ion Ratio Lower Upper
165 100
63 50.0 44.6 66.8
89 72.0 63.4 95.2
182 2.9 2.6 3.8

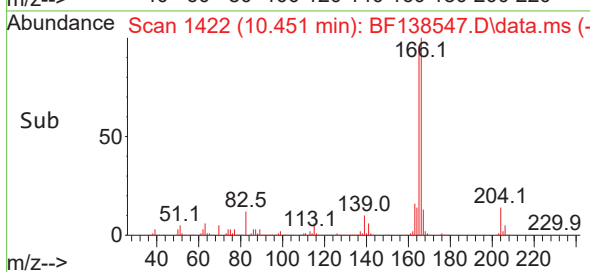
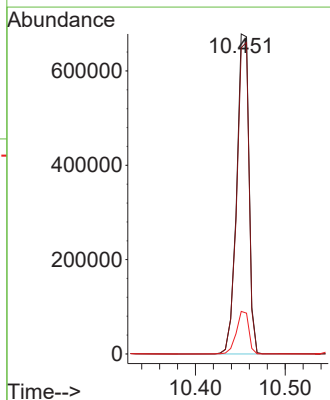
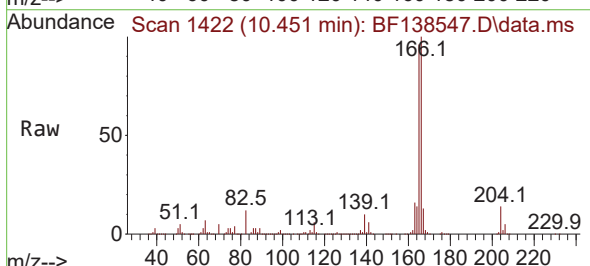
Manual Integrations
APPROVED

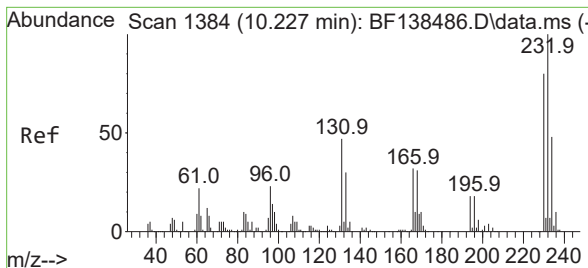
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#58
Fluorene
Concen: 56.835 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

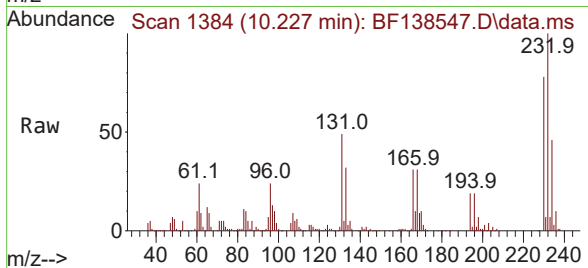
Tgt Ion:166 Resp: 646821
Ion Ratio Lower Upper
166 100
165 95.7 79.1 118.7
167 13.3 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.471 ng
RT: 10.227 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

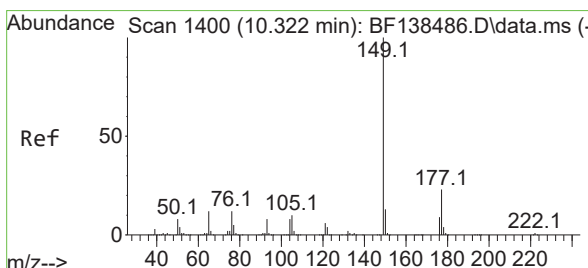
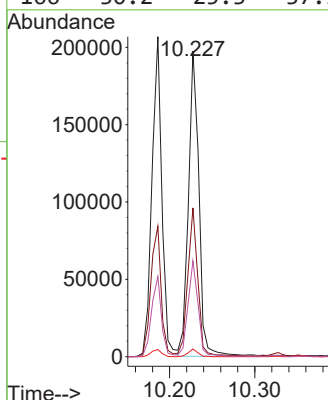
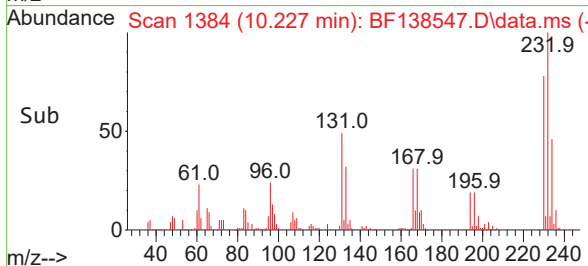
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



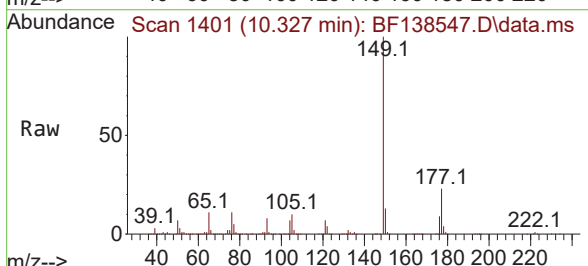
Tgt Ion:232 Resp: 168432
Ion Ratio Lower Upper
232 100
131 46.7 37.5 56.3
130 2.3 2.0 3.0
166 30.2 25.3 37.9

Manual Integrations
APPROVED

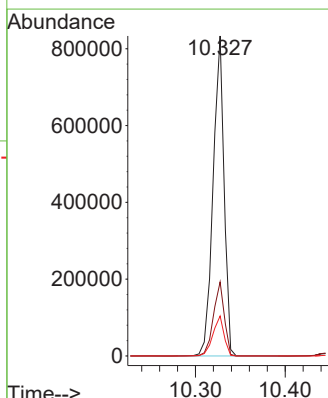
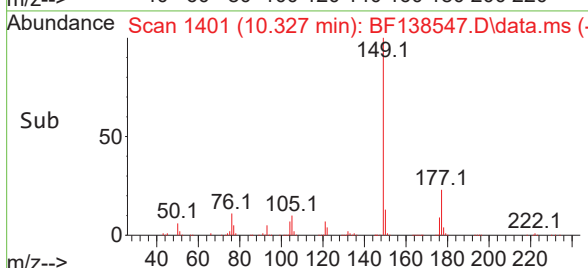
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

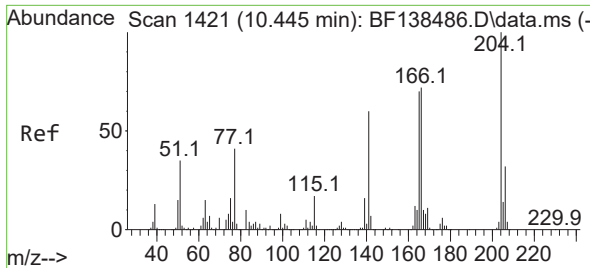


#60
Diethylphthalate
Concen: 61.844 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33



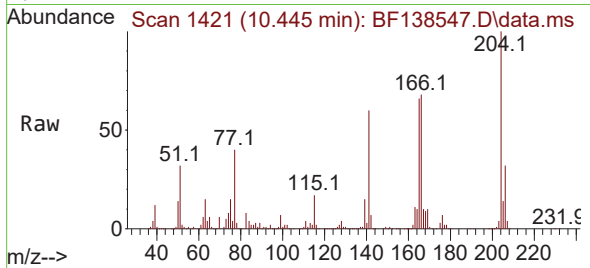
Tgt Ion:149 Resp: 707523
Ion Ratio Lower Upper
149 100
177 23.1 18.5 27.7
150 12.5 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 58.384 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

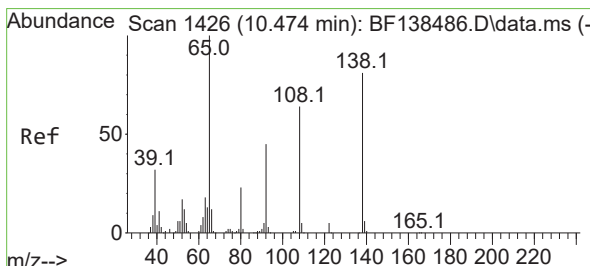
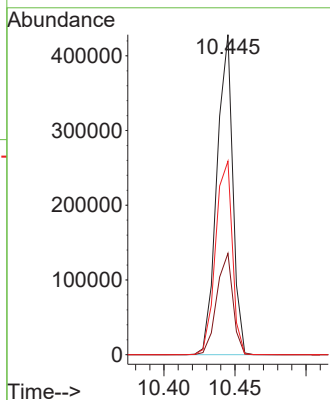
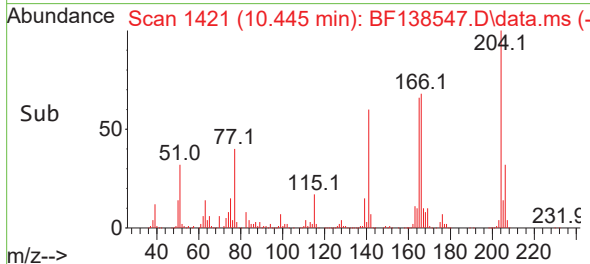
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:204 Resp: 333649
Ion Ratio Lower Upper
204 100
206 31.6 25.6 38.4
141 60.5 47.7 71.5

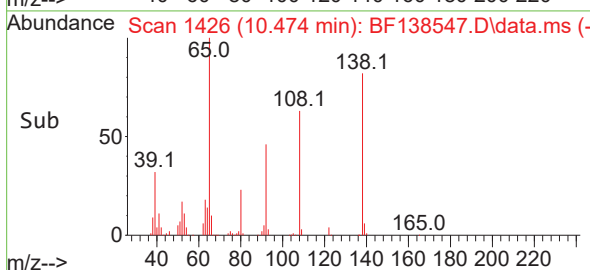
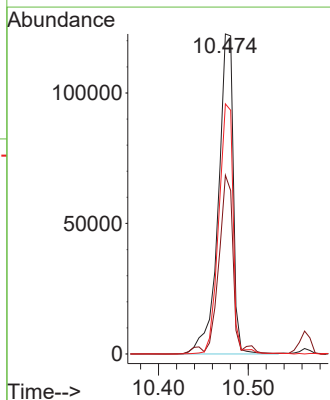
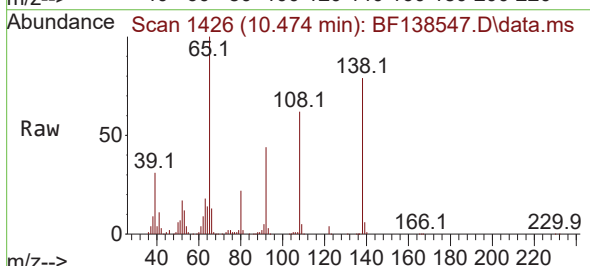
Manual Integrations
APPROVED

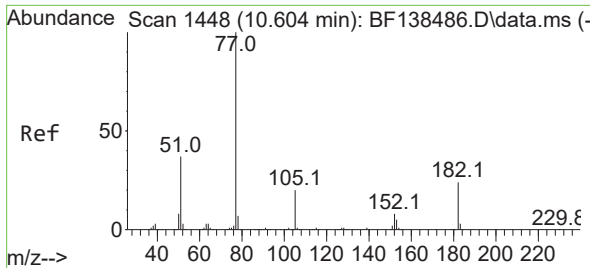
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#62
4-Nitroaniline
Concen: 50.582 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

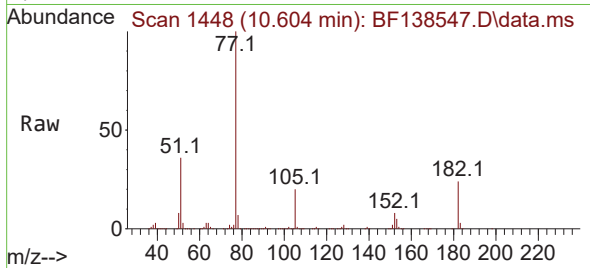
Tgt Ion:138 Resp: 141950
Ion Ratio Lower Upper
138 100
92 55.9 35.8 75.8
108 78.2 59.8 99.8





#63
Azobenzene
Concen: 58.841 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

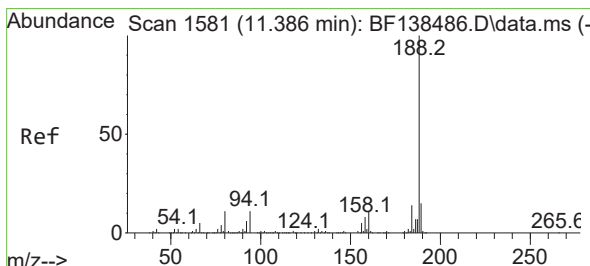
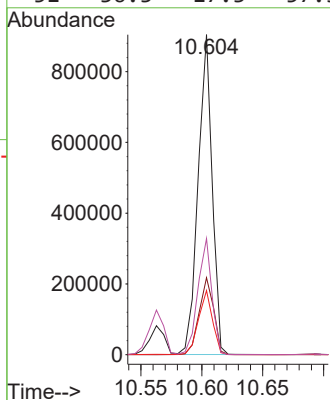
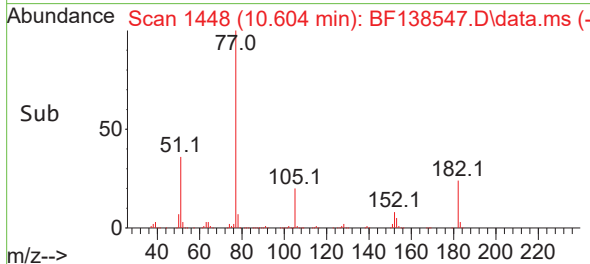
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



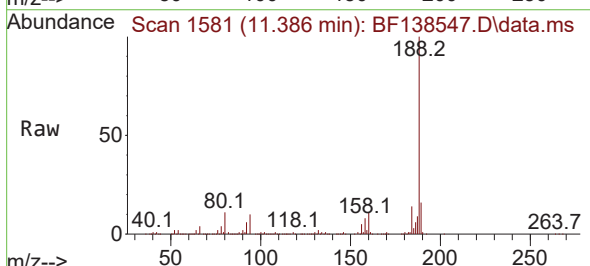
Tgt Ion: 77 Resp: 723744
Ion Ratio Lower Upper
77 100
182 24.1 3.8 43.8
105 20.0 0.0 39.8
51 36.3 17.3 57.3

Manual Integrations
APPROVED

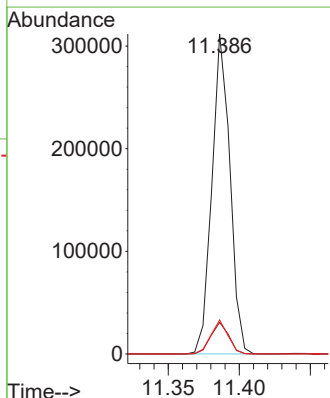
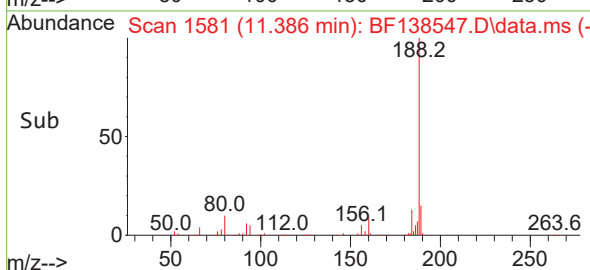
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

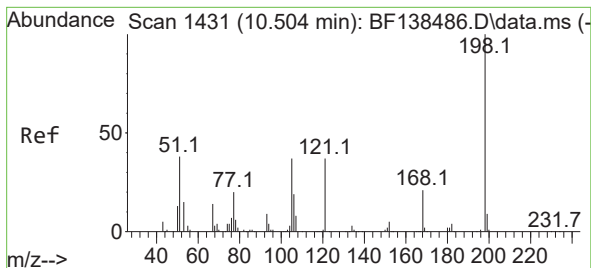


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33



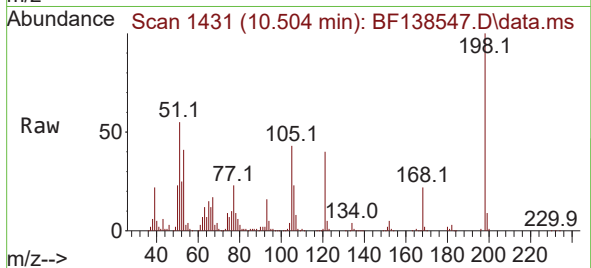
Tgt Ion:188 Resp: 275420
Ion Ratio Lower Upper
188 100
94 9.8 8.7 13.1
80 10.7 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 67.402 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

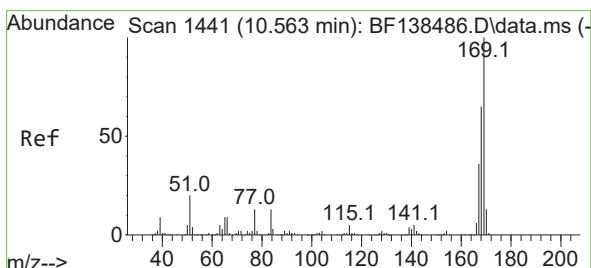
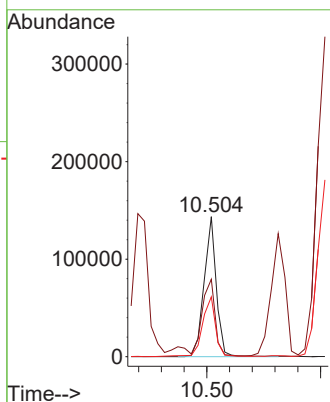
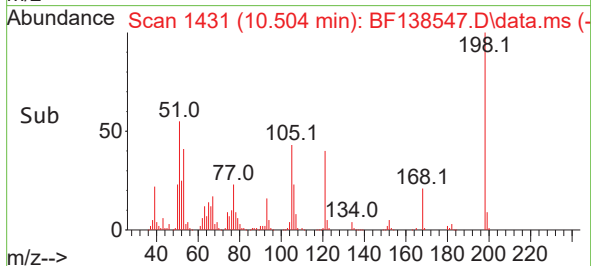
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



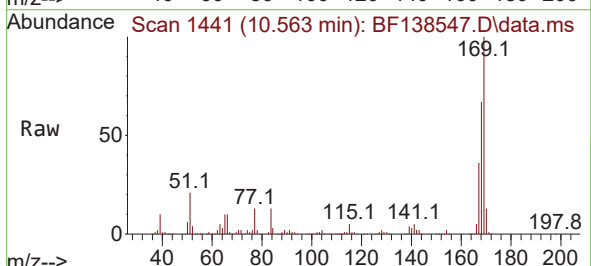
Tgt Ion:198 Resp: 107189
Ion Ratio Lower Upper
198 100
51 55.4 27.2 67.2
105 42.8 18.5 58.5

Manual Integrations
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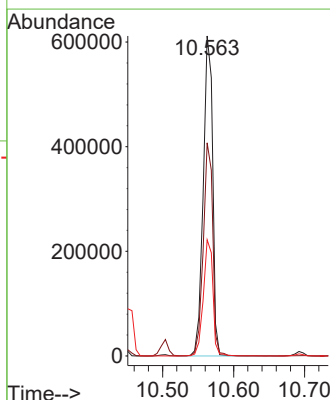
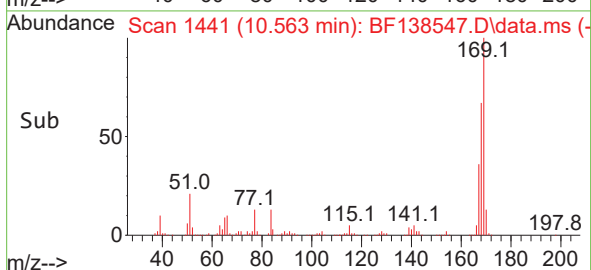
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

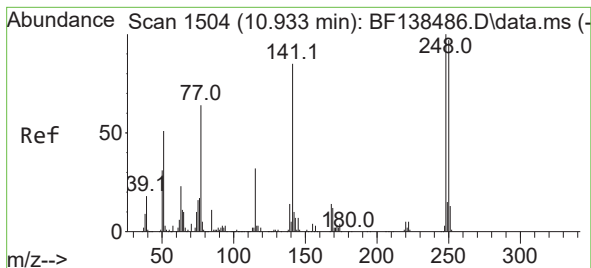


#66
n-Nitrosodiphenylamine
Concen: 68.361 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33



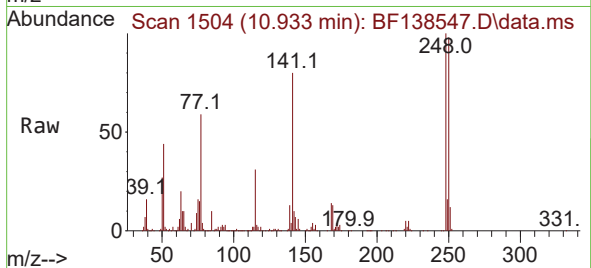
Tgt Ion:169 Resp: 564103
Ion Ratio Lower Upper
169 100
168 66.6 51.7 77.5
167 36.3 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 67.620 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

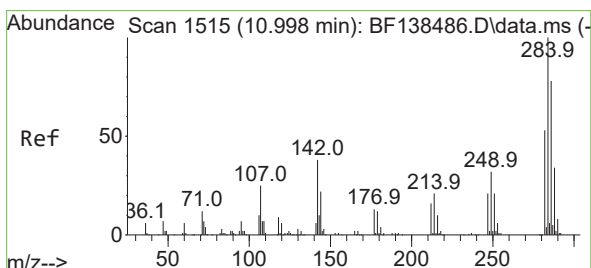
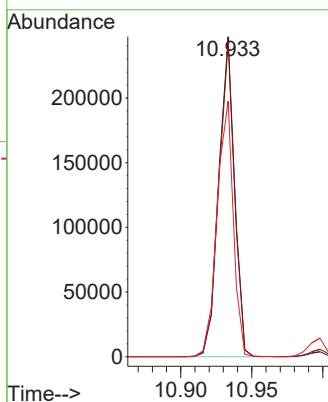
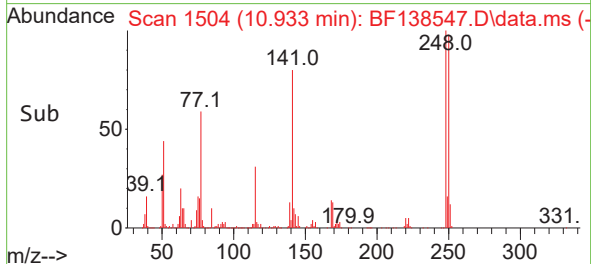
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



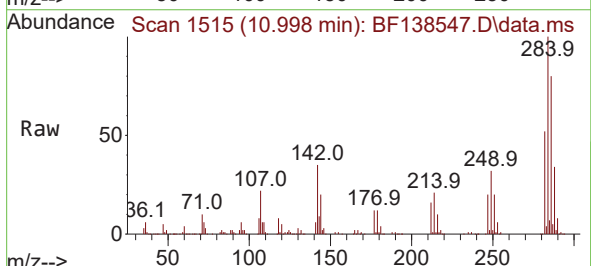
Tgt Ion:248 Resp: 191418
Ion Ratio Lower Upper
248 100
250 98.2 77.9 116.9
141 79.9 67.7 101.5

Manual Integrations
APPROVED

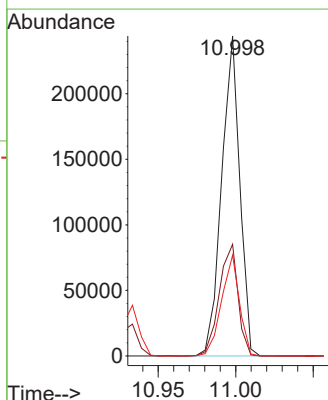
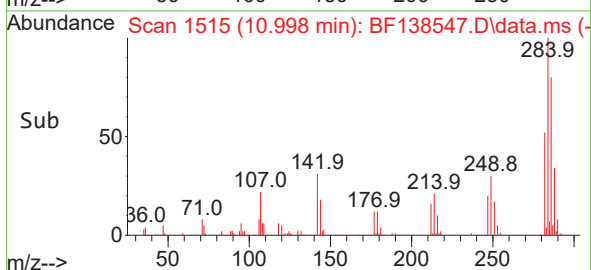
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

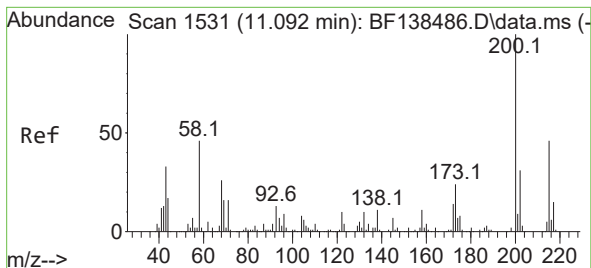


#68
Hexachlorobenzene
Concen: 63.059 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33



Tgt Ion:284 Resp: 198307
Ion Ratio Lower Upper
284 100
142 34.9 30.5 45.7
249 31.5 25.9 38.9





#69

Atrazine

Concen: 63.058 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF138547.D

Acq: 12 Jul 2024 15:33

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MSD

Tgt Ion:200 Resp: 172510

Ion Ratio Lower Upper

200 100

173 24.5 4.1 44.1

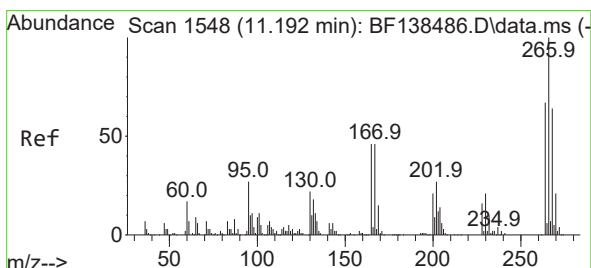
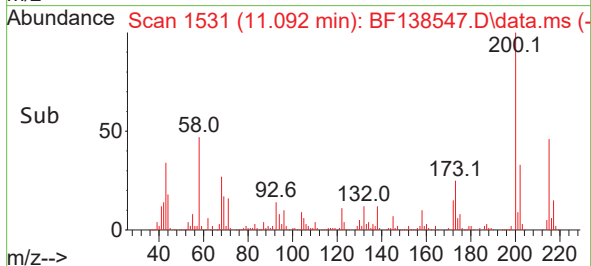
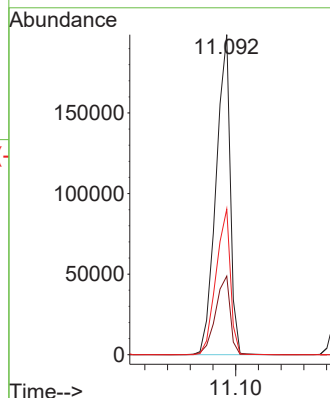
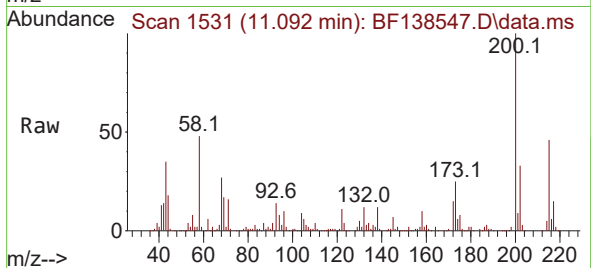
215 45.5 26.5 66.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/19/2024



#70

Pentachlorophenol

Concen: 105.901 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF138547.D

Acq: 12 Jul 2024 15:33

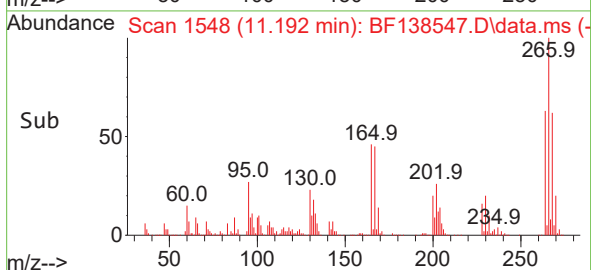
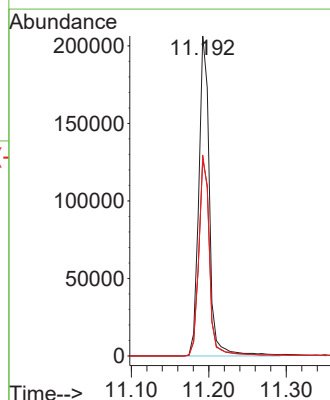
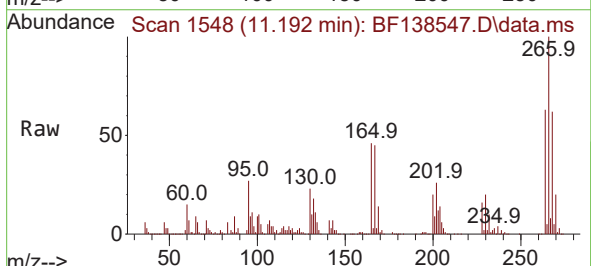
Tgt Ion:266 Resp: 197068

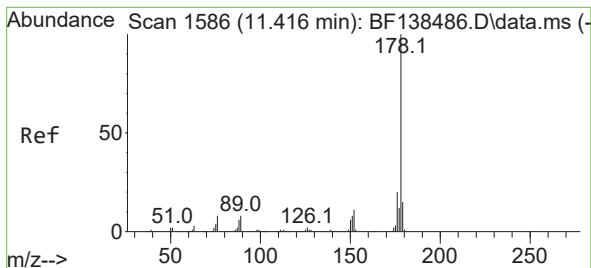
Ion Ratio Lower Upper

266 100

268 61.6 50.9 76.3

264 62.8 53.5 80.3





#71

Phenanthrene

Concen: 60.643 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF138547.D

Acq: 12 Jul 2024 15:33

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MSD

Tgt Ion:178 Resp: 84381

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

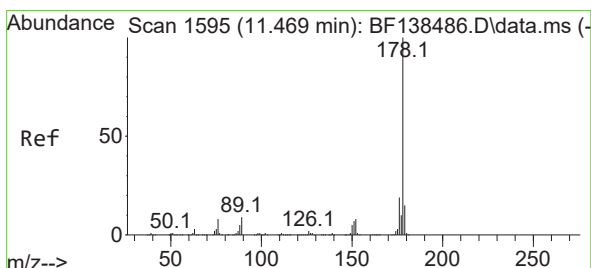
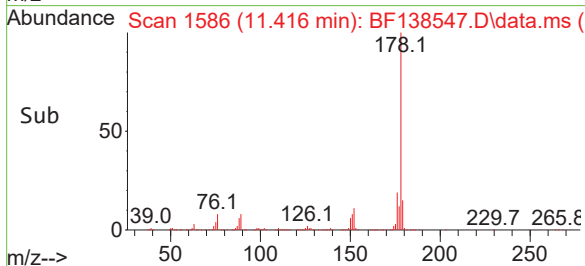
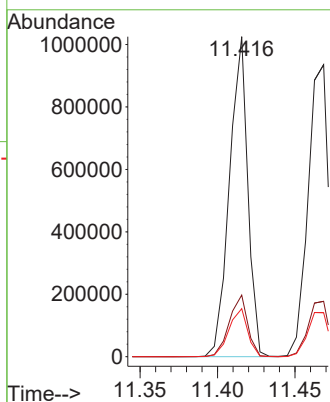
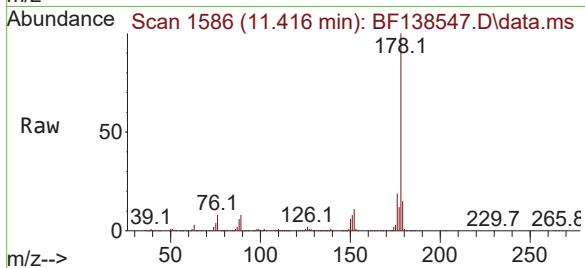
179 15.0 12.2 18.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/19/2024



#72

Anthracene

Concen: 62.104 ng

RT: 11.469 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BF138547.D

Acq: 12 Jul 2024 15:33

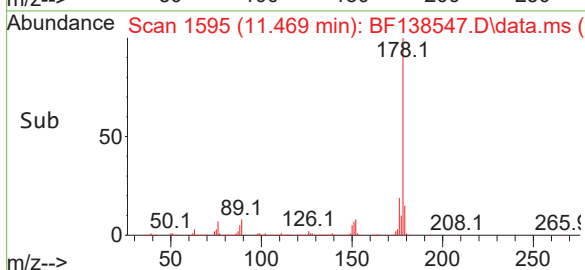
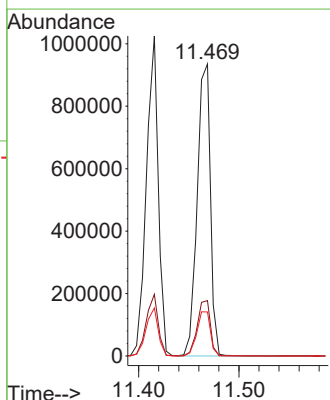
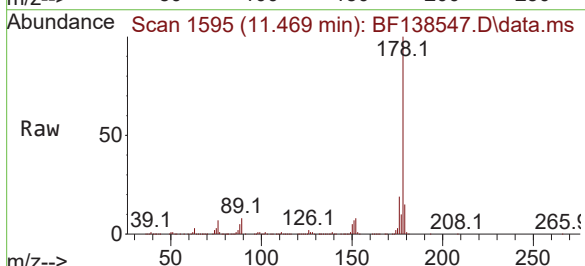
Tgt Ion:178 Resp: 857796

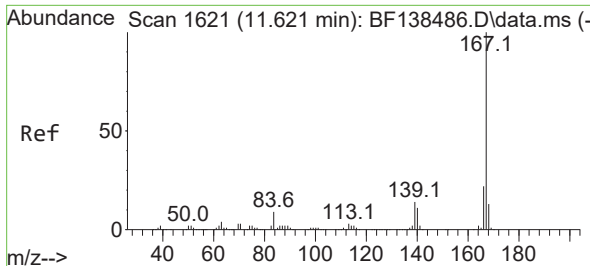
Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

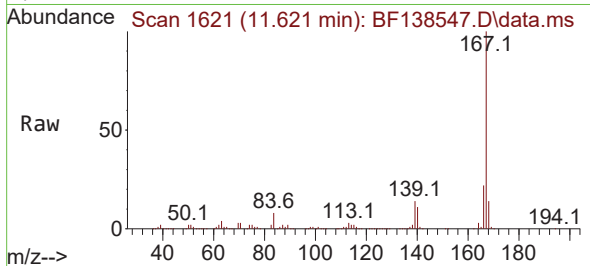
179 15.1 12.2 18.4





#73
 Carbazole
 Concen: 53.147 ng
 RT: 11.621 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF138547.D
 Acq: 12 Jul 2024 15:33

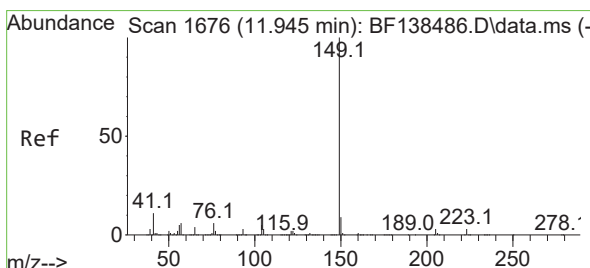
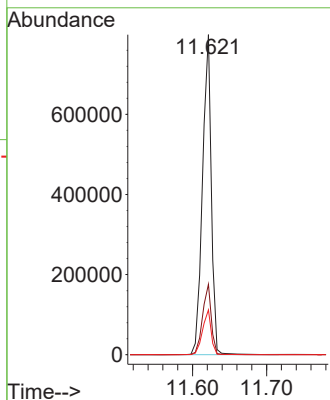
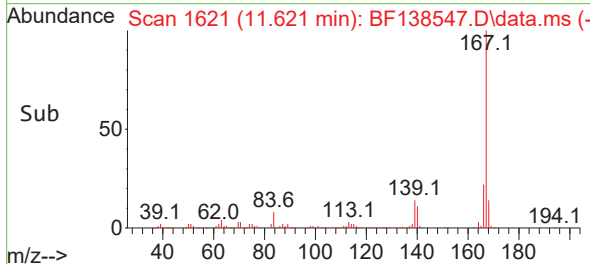
Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-1MSD



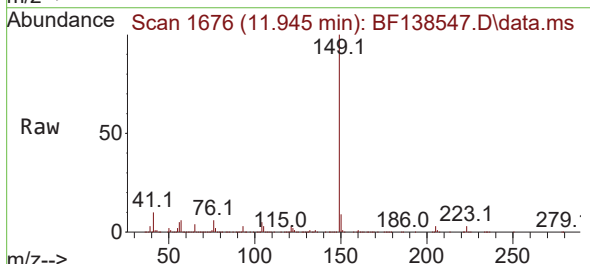
Tgt Ion:167 Resp: 65969
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 14.0 11.0 16.4

Manual Integrations
 APPROVED

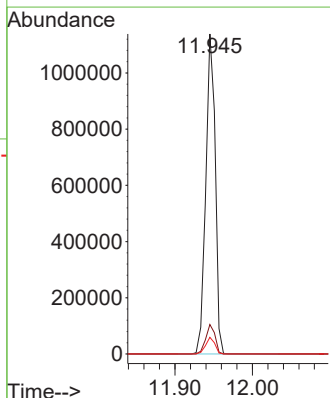
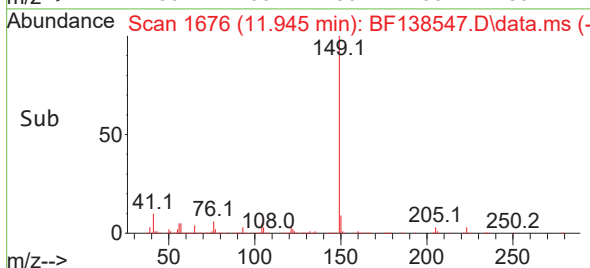
Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/19/2024

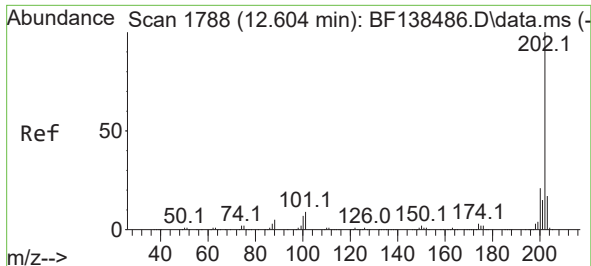


#74
 Di-n-butylphthalate
 Concen: 67.334 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: BF138547.D
 Acq: 12 Jul 2024 15:33



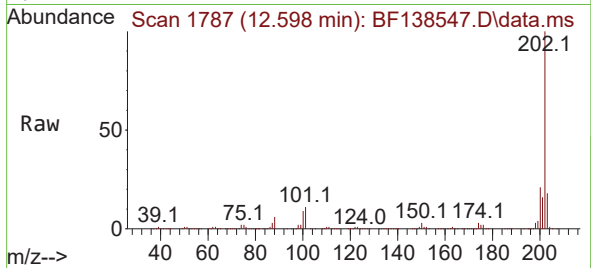
Tgt Ion:149 Resp: 963408
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 49.517 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

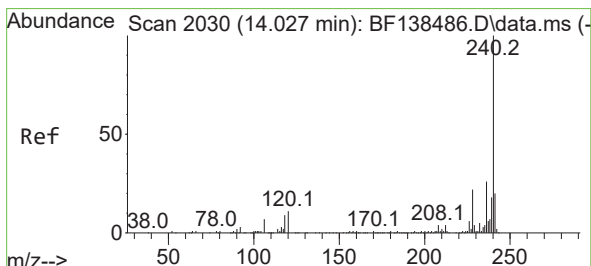
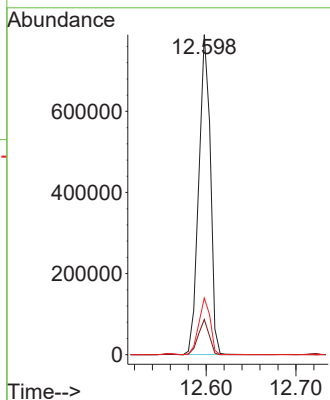
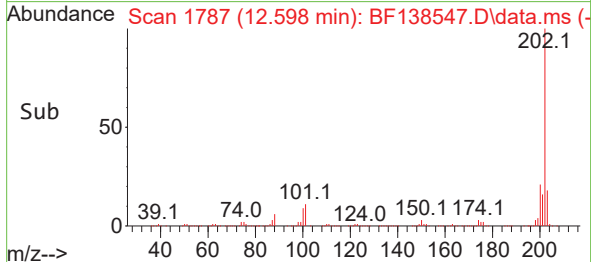
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:202 Resp: 70305
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.2
203 17.7 0.0 37.3

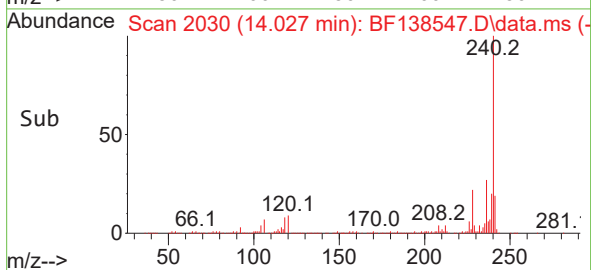
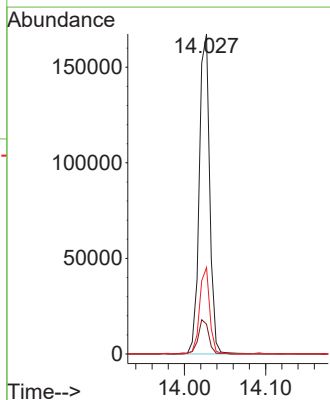
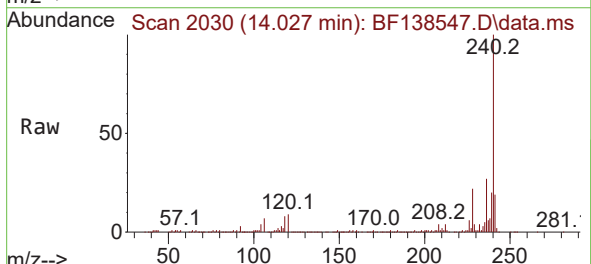
Manual Integrations
APPROVED

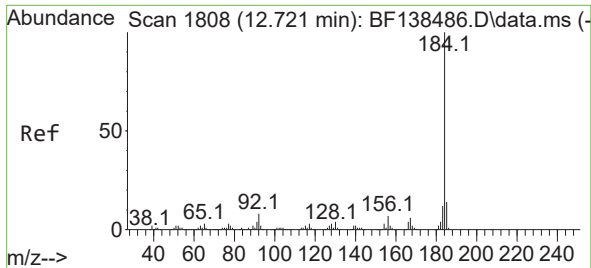
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

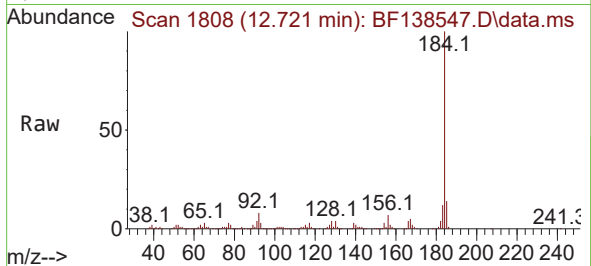
Tgt Ion:240 Resp: 149603
Ion Ratio Lower Upper
240 100
120 9.3 8.6 12.8
236 27.0 21.0 31.6





#77
Benzidine
Concen: 77.392 ng
RT: 12.721 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

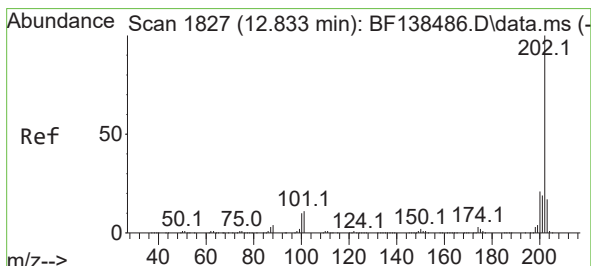
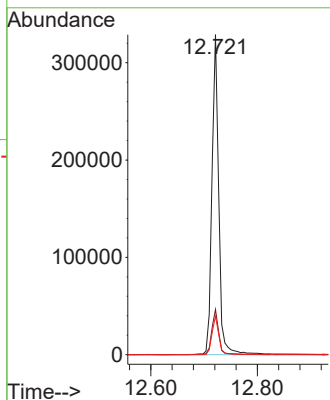
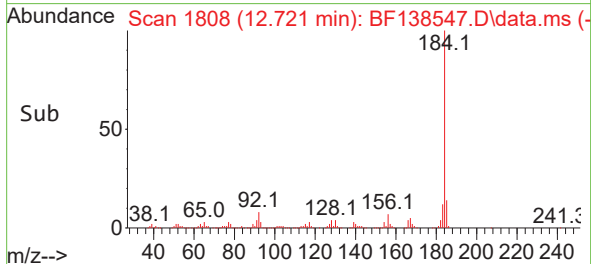
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



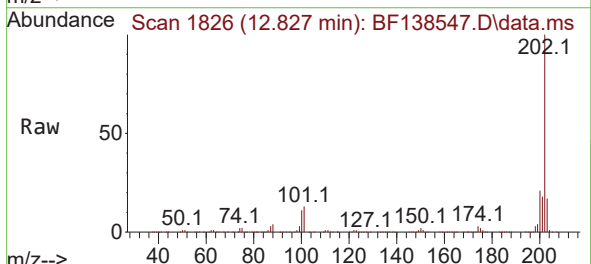
Tgt Ion:184 Resp: 292111
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 12.1 9.5 14.3

Manual Integrations
APPROVED

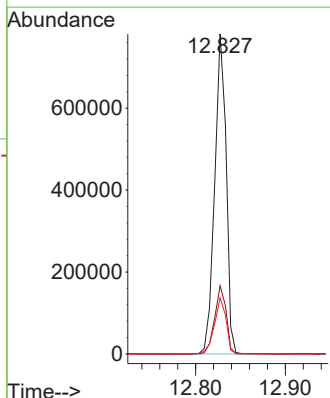
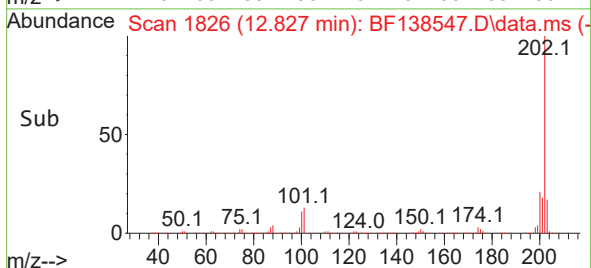
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

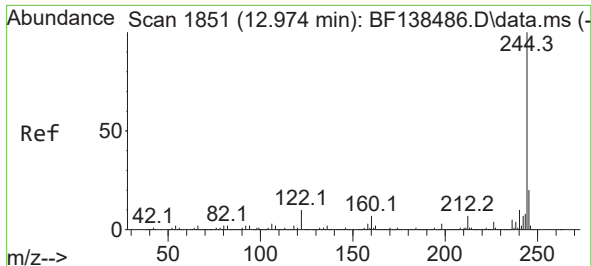


#78
Pyrene
Concen: 45.693 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33



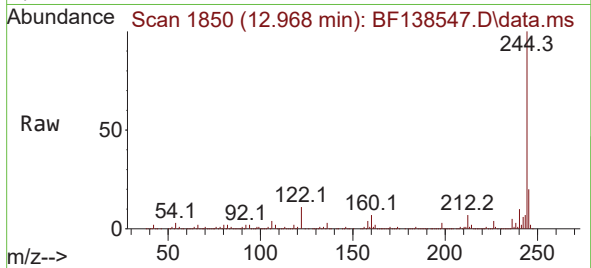
Tgt Ion:202 Resp: 693920
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.5 13.7 20.5





#79
 Terphenyl-d14
 Concen: 81.424 ng
 RT: 12.968 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF138547.D
 Acq: 12 Jul 2024 15:33

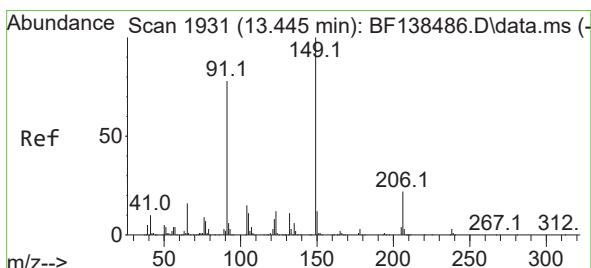
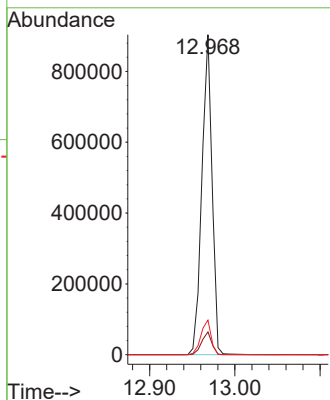
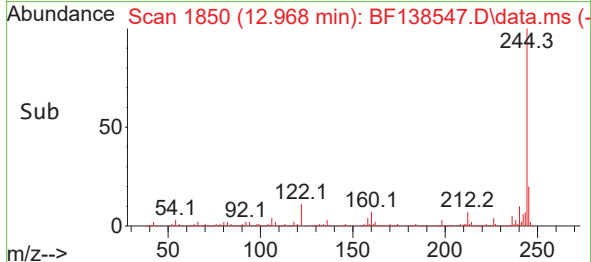
Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-1MSD



Tgt Ion:244 Resp: 74772
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 10.8 7.8 11.8

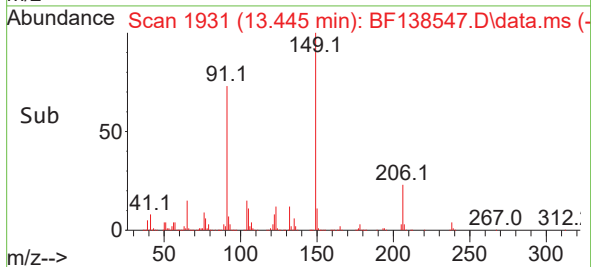
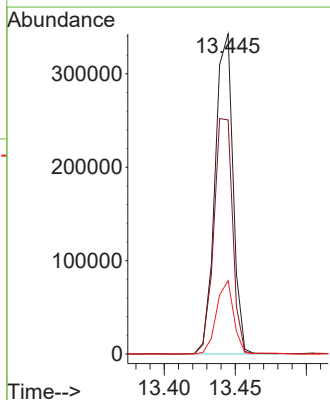
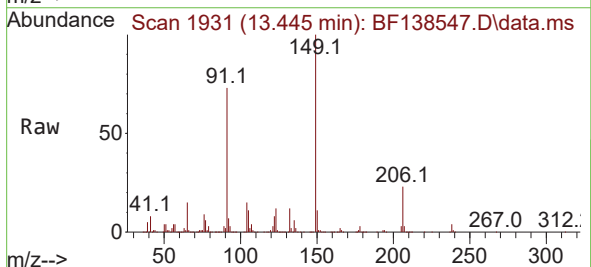
Manual Integrations
 APPROVED

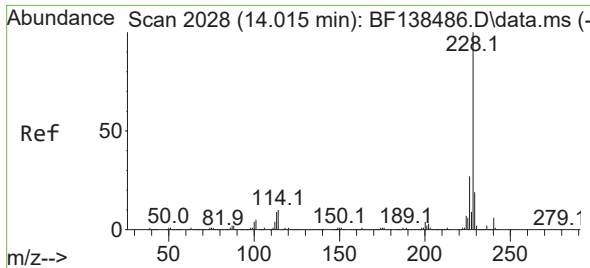
Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/19/2024



#80
 Butylbenzylphthalate
 Concen: 65.825 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. 0.000 min
 Lab File: BF138547.D
 Acq: 12 Jul 2024 15:33

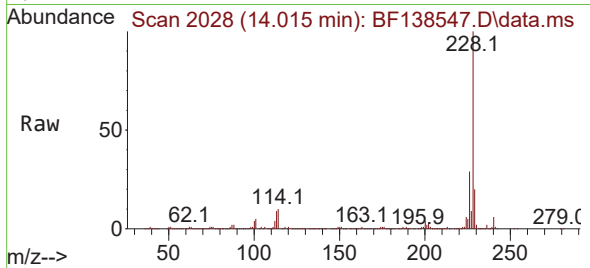
Tgt Ion:149 Resp: 300718
 Ion Ratio Lower Upper
 149 100
 91 73.2 62.1 93.1
 206 22.9 18.0 27.0





#81
Benzo(a)anthracene
Concen: 60.956 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

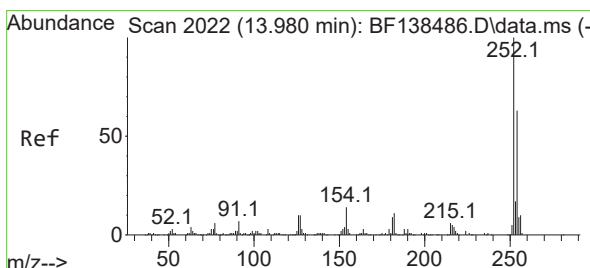
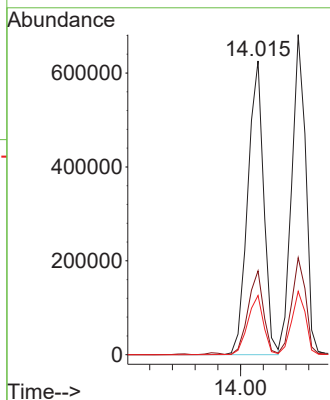
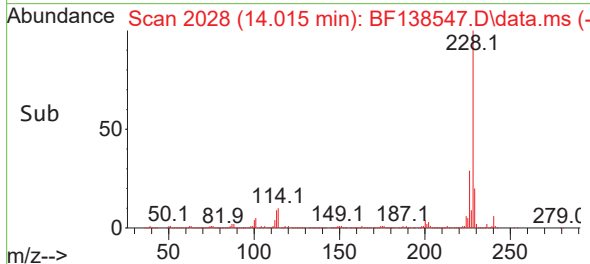
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



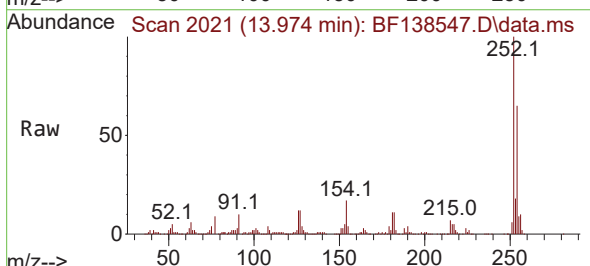
Tgt Ion:228 Resp: 611890
Ion Ratio Lower Upper
228 100
226 28.5 21.9 32.9
229 20.1 15.5 23.3

Manual Integrations
APPROVED

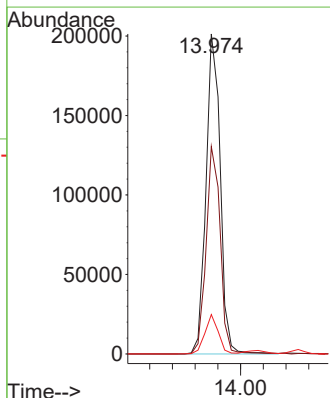
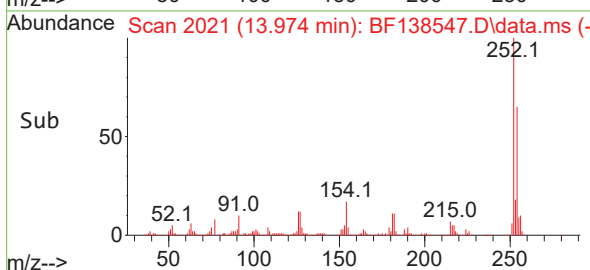
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

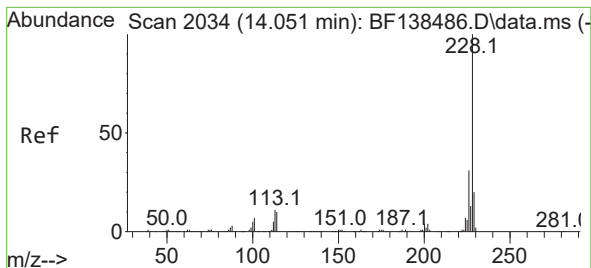


#82
3,3'-Dichlorobenzidine
Concen: 67.600 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33



Tgt Ion:252 Resp: 174856
Ion Ratio Lower Upper
252 100
254 64.8 50.3 75.5
126 12.3 8.1 12.1#





#83

Chrysene

Concen: 61.644 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138547.D

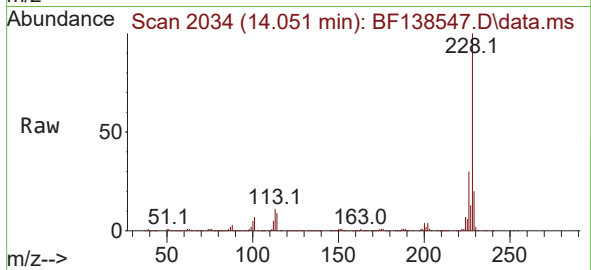
Acq: 12 Jul 2024 15:33

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MSD



Tgt Ion:228 Resp: 585389

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

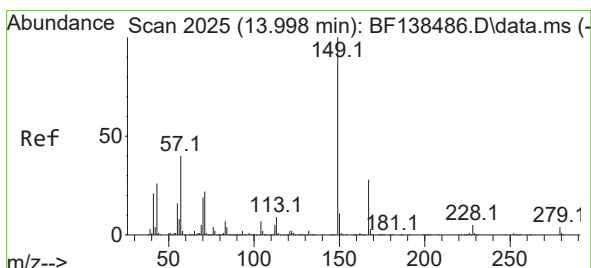
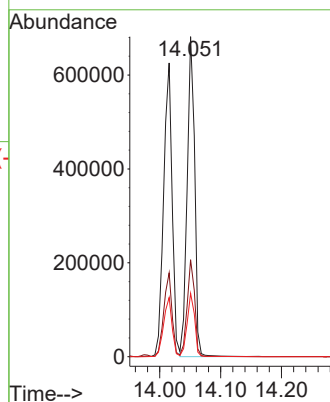
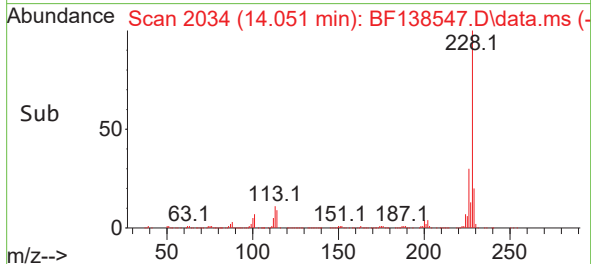
229 19.8 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 88.486 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138547.D

Acq: 12 Jul 2024 15:33

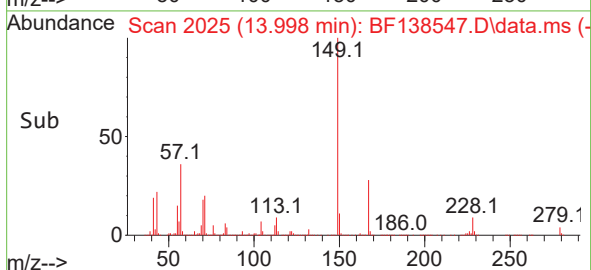
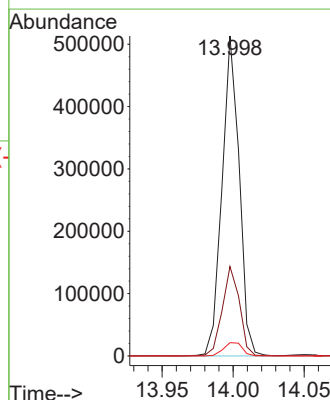
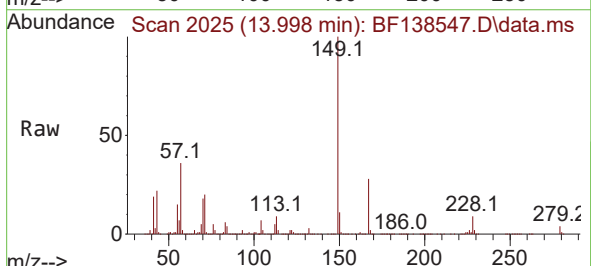
Tgt Ion:149 Resp: 431134

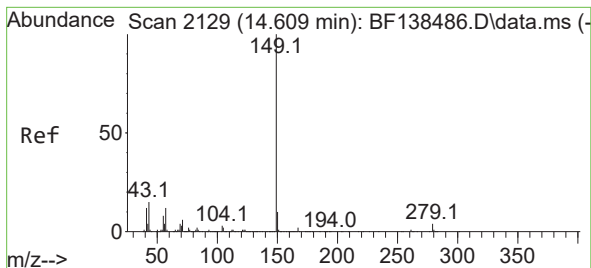
Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 101.201 ng

RT: 14.610 min Scan# 2129

Delta R.T. 0.001 min

Lab File: BF138547.D

Acq: 12 Jul 2024 15:33

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MSD

Tgt Ion:149 Resp: 77895

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

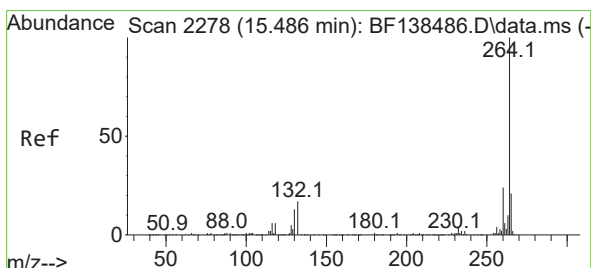
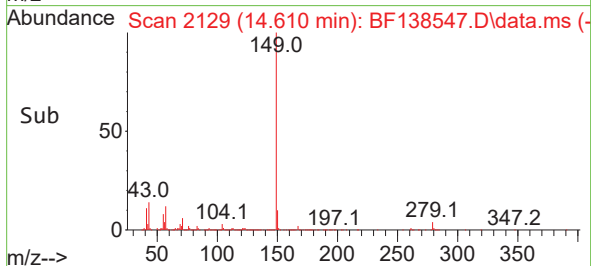
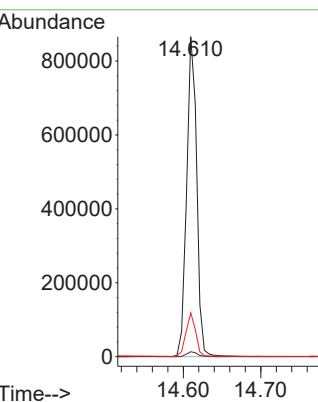
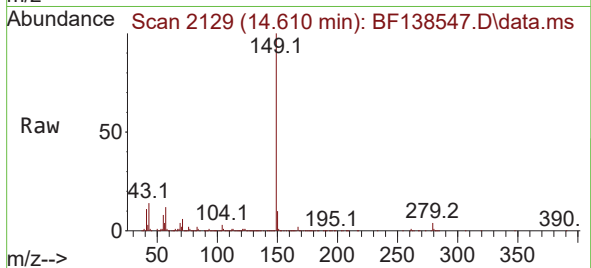
43 13.2 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/19/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.000 min

Lab File: BF138547.D

Acq: 12 Jul 2024 15:33

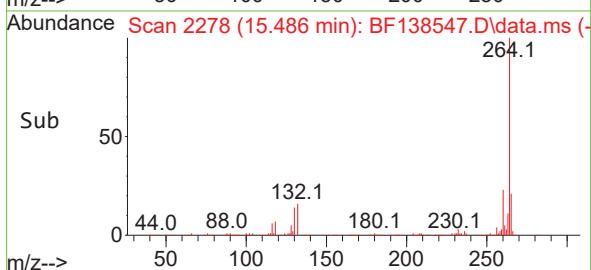
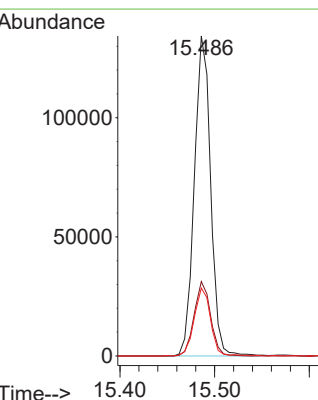
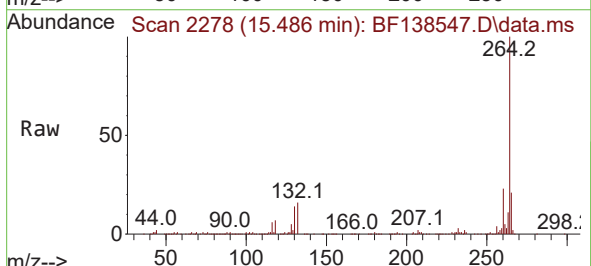
Tgt Ion:264 Resp: 160730

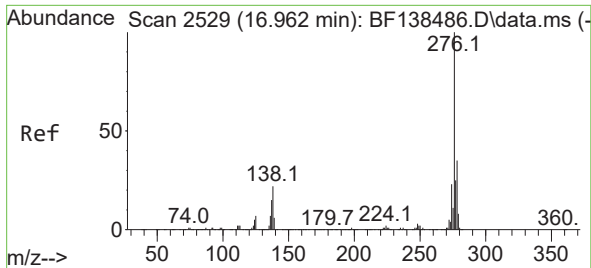
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

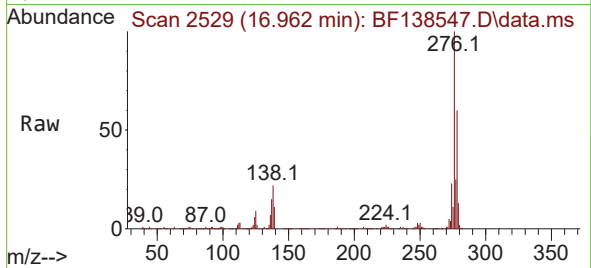
265 21.2 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.388 ng
RT: 16.962 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

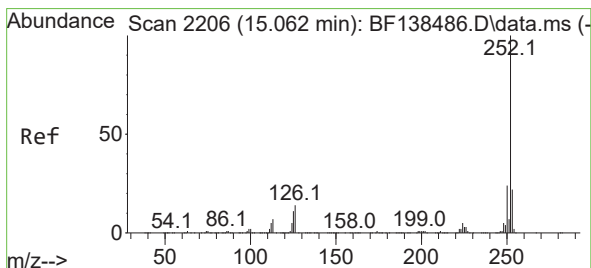
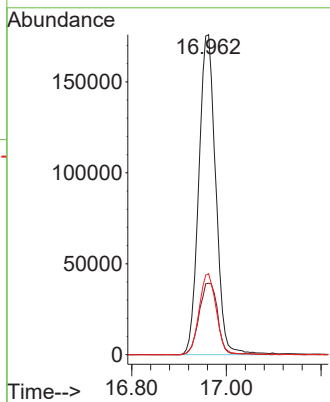
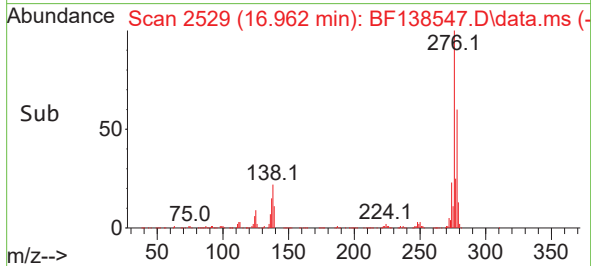
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:276 Resp: 43604
Ion Ratio Lower Upper
276 100
138 24.2 19.6 29.4
277 25.8 20.5 30.7

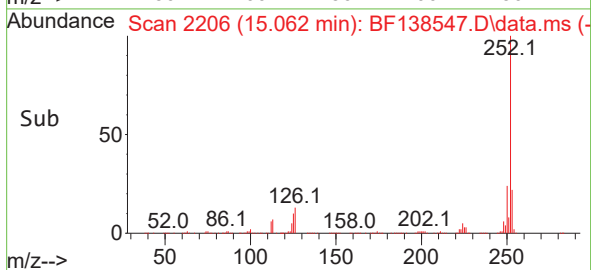
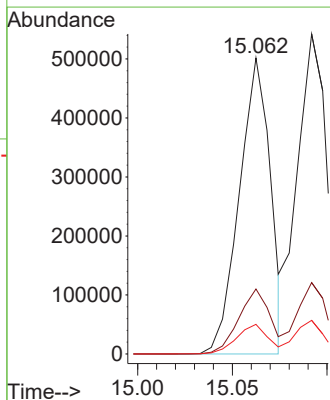
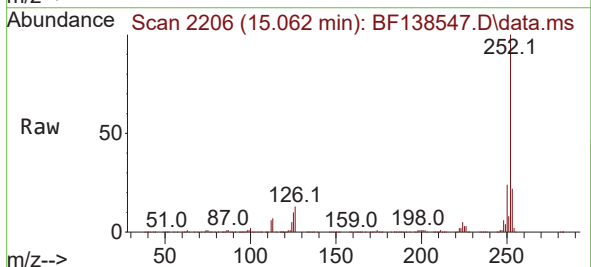
Manual Integrations
APPROVED

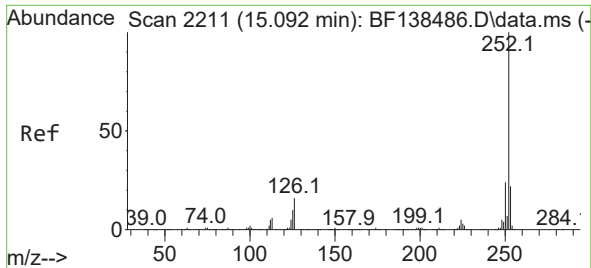
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#88
Benzo(b)fluoranthene
Concen: 63.506 ng
RT: 15.062 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

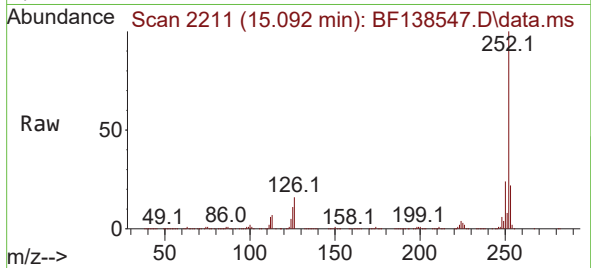
Tgt Ion:252 Resp: 574846
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.0 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 66.127 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

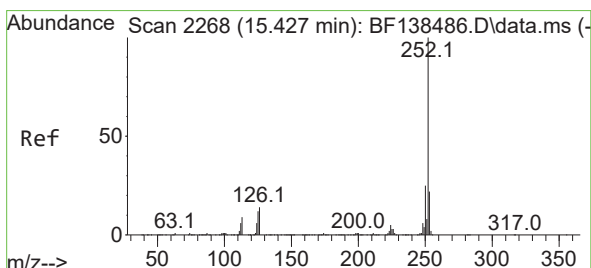
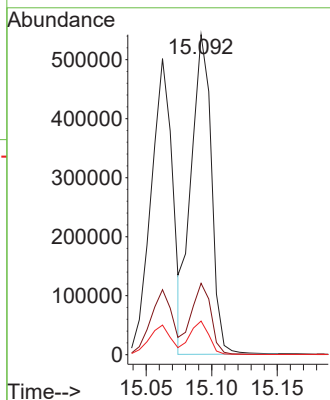
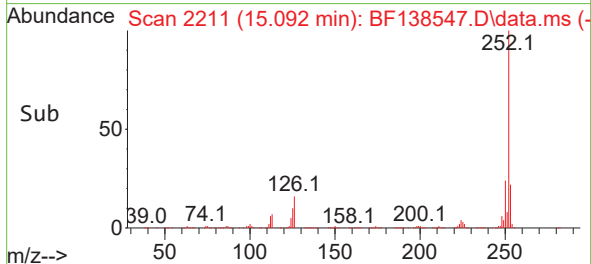
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:252 Resp: 583778
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.5 8.1 12.1

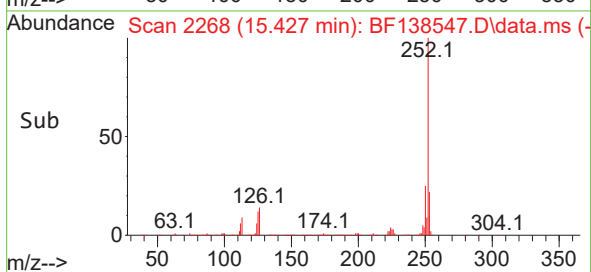
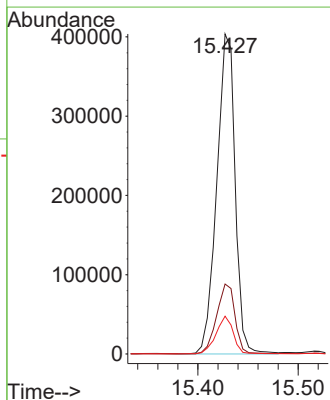
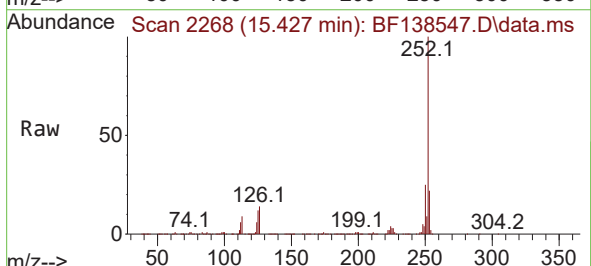
Manual Integrations
APPROVED

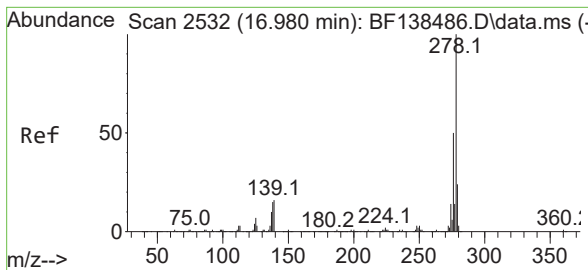
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#90
Benzo(a)pyrene
Concen: 64.449 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

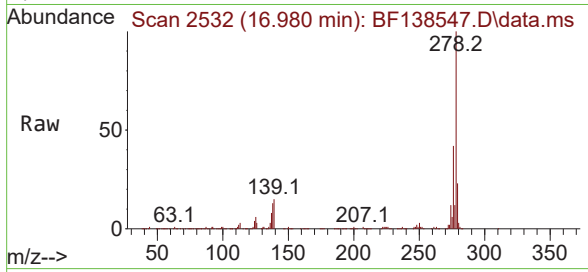
Tgt Ion:252 Resp: 512478
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 11.8 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 41.388 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.000 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

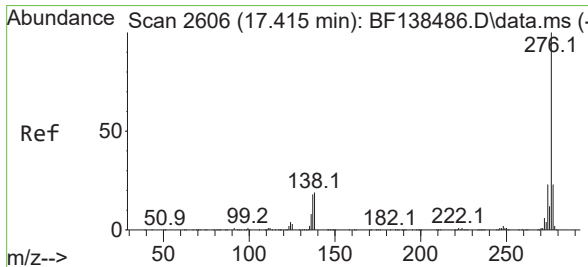
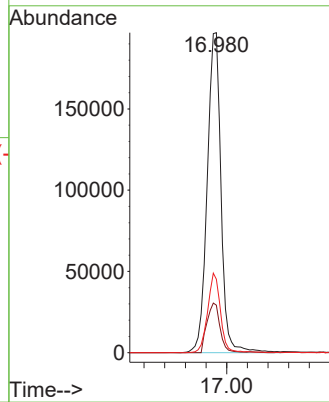
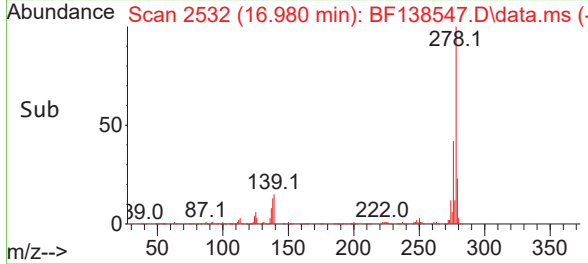
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:278 Resp: 365519
Ion Ratio Lower Upper
278 100
139 14.9 12.8 19.2
279 23.0 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#92
Benzo(g,h,i)perylene
Concen: 33.848 ng
RT: 17.403 min Scan# 2604
Delta R.T. -0.012 min
Lab File: BF138547.D
Acq: 12 Jul 2024 15:33

Tgt Ion:276 Resp: 316980
Ion Ratio Lower Upper
276 100
277 22.7 18.0 27.0
138 20.9 15.5 23.3

