

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138594.D
 Acq On : 19 Jul 2024 17:31
 Operator : RC/JU
 Sample : P3193-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-1MSD

Quant Time: Jul 19 17:53:33 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	76436	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	314922	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	171964	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	306242	20.000	ng	0.00
76) Chrysene-d12	14.021	240	154571	20.000	ng	0.00
86) Perylene-d12	15.480	264	173141	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	562668	116.585	ng	0.00
7) Phenol-d6	6.498	99	779779	121.455	ng	0.00
23) Nitrobenzene-d5	7.422	82	501285	78.152	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	193091	120.143	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	839986	76.343	ng	-0.01
79) Terphenyl-d14	12.963	244	825594	87.014	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	101847	47.648	ng	97
3) Pyridine	3.457	79	258698	49.077	ng	97
4) n-Nitrosodimethylamine	3.410	42	198685	57.901	ng	92
6) Aniline	6.522	93	303636	50.492	ng	# 51
8) 2-Chlorophenol	6.645	128	301467	59.073	ng	97
9) Benzaldehyde	6.410	77	33225	9.668	ng	97
10) Phenol	6.516	94	398156	58.425	ng	84
11) bis(2-Chloroethyl)ether	6.598	93	293804	57.262	ng	99
12) 1,3-Dichlorobenzene	6.798	146	305236	53.211	ng	98
13) 1,4-Dichlorobenzene	6.875	146	308044	52.882	ng	98
14) 1,2-Dichlorobenzene	7.028	146	294851	54.347	ng	98
15) Benzyl Alcohol	7.004	79	288044	59.781	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	540236	53.541	ng	69
17) 2-Methylphenol	7.116	107	242212	57.912	ng	95
18) Hexachloroethane	7.369	117	113995	53.232	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	225315	56.795	ng	96
20) 3+4-Methylphenols	7.269	107	300239	57.006	ng	92
22) Acetophenone	7.269	105	382200	49.970	ng	97
24) Nitrobenzene	7.445	77	342865	52.601	ng	96
25) Isophorone	7.681	82	614791	55.813	ng	99
26) 2-Nitrophenol	7.757	139	161153	57.684	ng	95
27) 2,4-Dimethylphenol	7.798	122	207177m	60.337	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	364335	55.344	ng	97
29) 2,4-Dichlorophenol	8.004	162	246594	55.304	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	255990	49.283	ng	98
31) Naphthalene	8.163	128	869909	53.113	ng	100
32) Benzoic acid	7.934	122	158408	48.370	ng	94
33) 4-Chloroaniline	8.210	127	223227	38.844	ng	98
34) Hexachlorobutadiene	8.275	225	145327	45.434	ng	99
35) Caprolactam	8.592	113	81346m	56.536	ng	
36) 4-Chloro-3-methylphenol	8.704	107	281790	56.450	ng	100
37) 2-Methylnaphthalene	8.851	142	559183	53.053	ng	100
38) 1-Methylnaphthalene	8.951	142	517258	50.285	ng	98
40) 1,2,4,5-Tetrachloroben...	9.022	216	229185	47.819	ng	98
41) Hexachlorocyclopentadiene	9.004	237	186513	119.895	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	166844	54.574	ng	98

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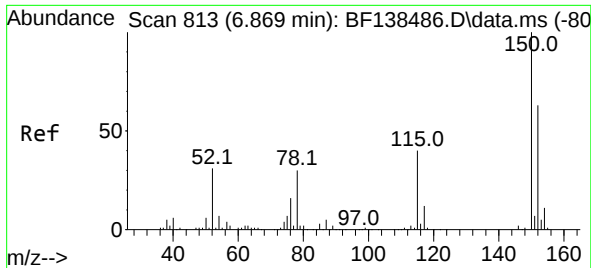
Manual Integrations
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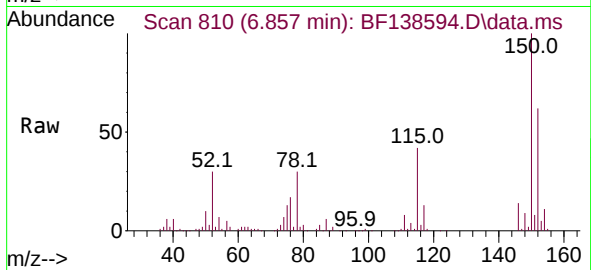
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44) 2,4,5-Trichlorophenol	9.181	196	175920	52.318	ng	# 93
46) 1,1'-Biphenyl	9.316	154	655857	50.326	ng	99
47) 2-Chloronaphthalene	9.345	162	525200	53.345	ng	100
48) 2-Nitroaniline	9.445	65	207739	60.891	ng	97
49) Acenaphthylene	9.763	152	837887	59.943	ng	100
50) Dimethylphthalate	9.622	163	625569	56.259	ng	100
51) 2,6-Dinitrotoluene	9.686	165	138796	54.212	ng	90
52) Acenaphthene	9.933	154	511203	55.018	ng	100
53) 3-Nitroaniline	9.857	138	120089	45.764	ng	94
54) 2,4-Dinitrophenol	9.963	184	148641	106.533	ng	96
55) Dibenzofuran	10.104	168	749209	55.592	ng	100
56) 4-Nitrophenol	10.028	139	213788	110.417	ng	97
57) 2,4-Dinitrotoluene	10.092	165	190505	57.509	ng	92
58) Fluorene	10.445	166	578054	54.208	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	149748	56.429	ng	99
60) Diethylphthalate	10.322	149	607408	56.663	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	273552	51.086	ng	92
62) 4-Nitroaniline	10.475	138	154409	58.721	ng	98
63) Azobenzene	10.598	77	672305	58.334	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	112123	63.408	ng	83
66) n-Nitrosodiphenylamine	10.557	169	510856	55.678	ng	97
67) 4-Bromophenyl-phenylether	10.927	248	167943	53.356	ng	97
68) Hexachlorobenzene	10.992	284	184808	52.852	ng	95
69) Atrazine	11.086	200	156631	51.489	ng	99
70) Pentachlorophenol	11.186	266	195449	94.460	ng	97
71) Phenanthrene	11.410	178	858824	55.510	ng	99
72) Anthracene	11.457	178	867286	56.471	ng	99
73) Carbazole	11.616	167	756941	54.844	ng	100
74) Di-n-butylphthalate	11.939	149	931152	58.530	ng	100
75) Fluoranthene	12.592	202	813548	51.532	ng	98
77) Benzidine	12.716	184	178939	45.884	ng	99
78) Pyrene	12.821	202	801980	51.111	ng	100
80) Butylbenzylphthalate	13.433	149	311572	66.009	ng	95
81) Benzo(a)anthracene	14.010	228	603532	58.190	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	152915	57.217	ng	# 98
83) Chrysene	14.045	228	541566	55.196	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	392285	77.925	ng	99
85) Di-n-octyl phthalate	14.604	149	604545	76.018	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	639772	55.011	ng	98
88) Benzo(b)fluoranthene	15.057	252	559848	57.416	ng	100
89) Benzo(k)fluoranthene	15.086	252	525640	55.273	ng	99
90) Benzo(a)pyrene	15.421	252	507774	59.280	ng	100
91) Dibenzo(a,h)anthracene	16.974	278	505465	53.132	ng	99
92) Benzo(g,h,i)perylene	17.398	276	481342	47.715	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF138594.D
 Acq: 19 Jul 2024 17:31

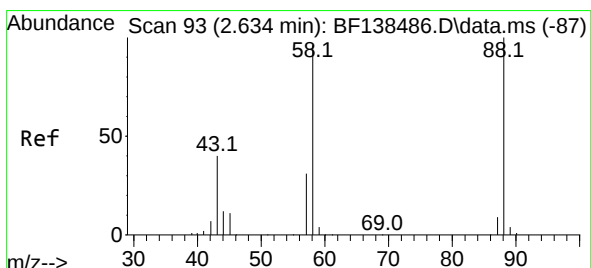
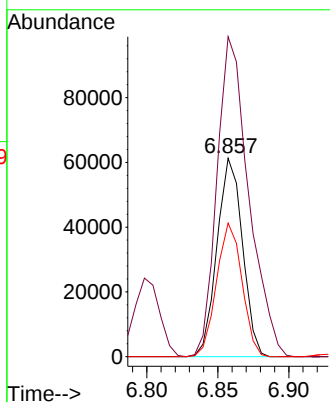
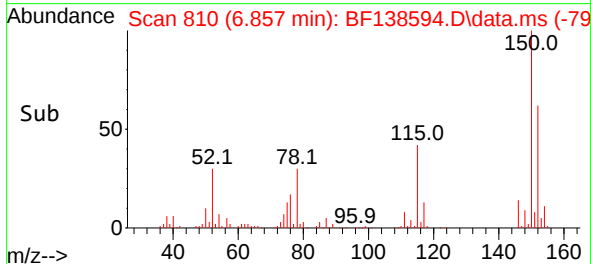
Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-1MSD



Tgt Ion:152 Resp: 76430
 Ion Ratio Lower Upper
 152 100
 150 161.3 126.2 189.4
 115 67.4 50.3 75.5

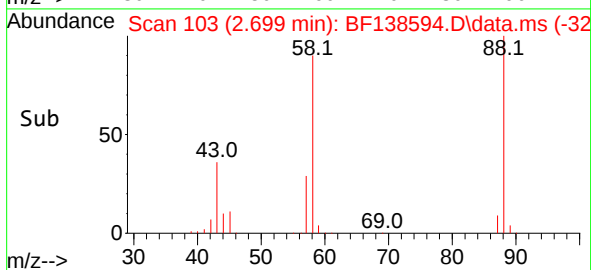
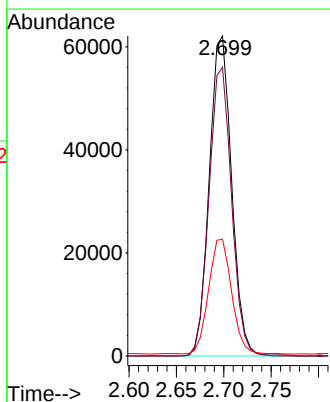
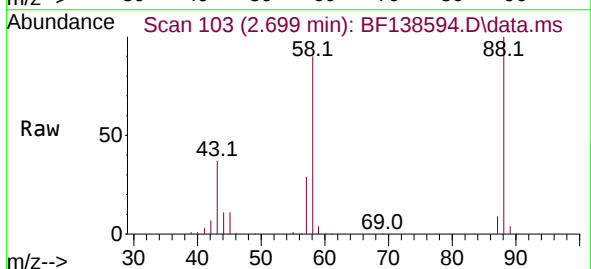
Manual Integrations
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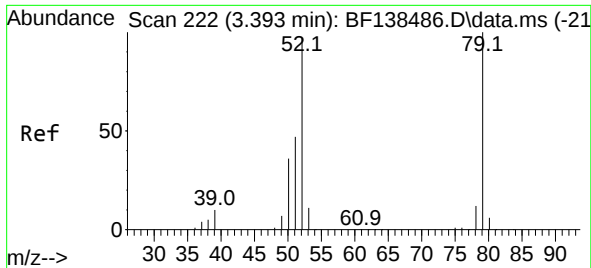
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024



#2
 1,4-Dioxane
 Concen: 47.648 ng
 RT: 2.699 min Scan# 103
 Delta R.T. 0.065 min
 Lab File: BF138594.D
 Acq: 19 Jul 2024 17:31

Tgt Ion: 88 Resp: 101847
 Ion Ratio Lower Upper
 88 100
 58 91.2 74.6 112.0
 43 37.0 31.8 47.6





#3

Pyridine

Concen: 49.077 ng

RT: 3.457 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF138594.D

Acq: 19 Jul 2024 17:31

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MSD

Tgt Ion: 79 Resp: 258698

Ion Ratio Lower Upper

79 100

52 93.7 77.4 116.2

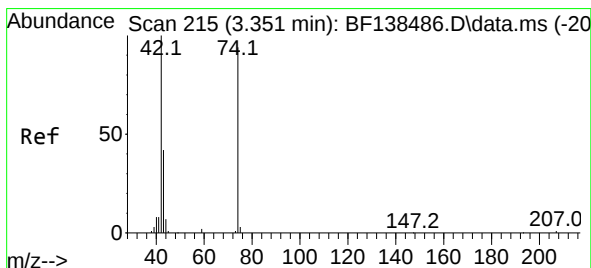
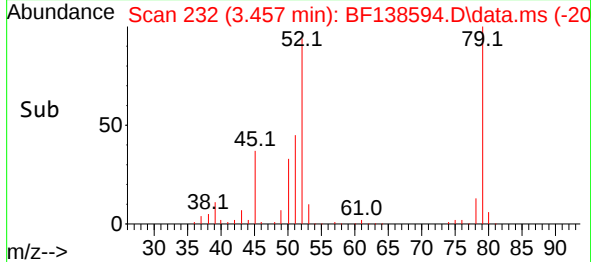
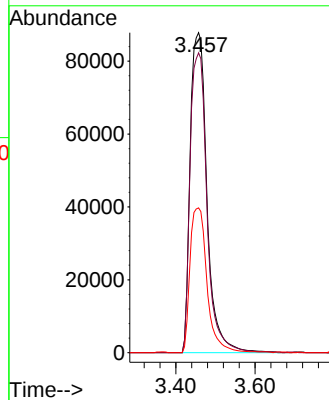
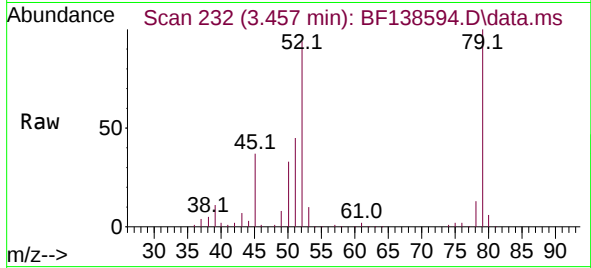
51 45.3 37.4 56.0

Manual Integrations

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Supervised By :mohammad ahmed 07/22/2024



#4

n-Nitrosodimethylamine

Concen: 57.901 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.059 min

Lab File: BF138594.D

Acq: 19 Jul 2024 17:31

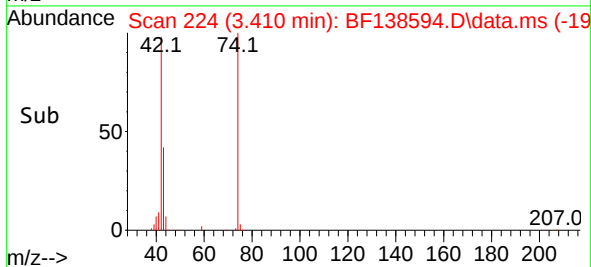
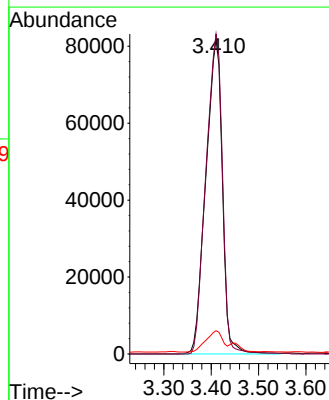
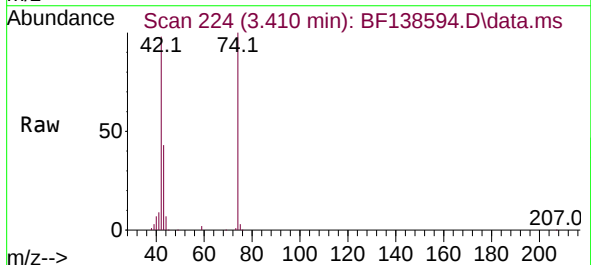
Tgt Ion: 42 Resp: 198685

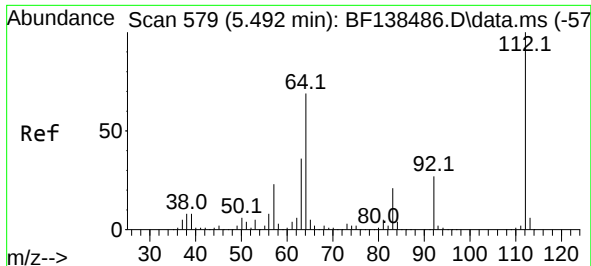
Ion Ratio Lower Upper

42 100

74 101.6 75.0 112.6

44 7.4 5.4 8.2





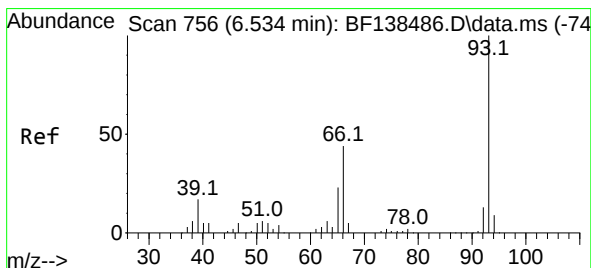
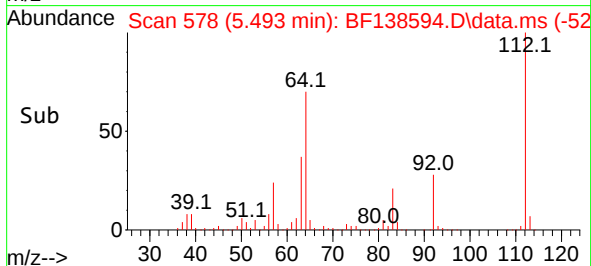
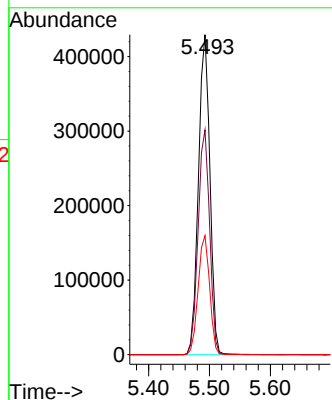
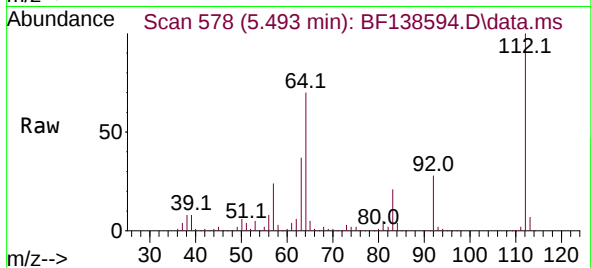
#5
2-Fluorophenol
Concen: 116.585 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

Instrument :
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ClientSampleId :
FILL-MATERIAL-1MSD

Tgt Ion: 112 Resp: 56266
Ion Ratio Lower Upper
112 100
64 70.2 55.1 82.7
63 37.2 29.0 43.6

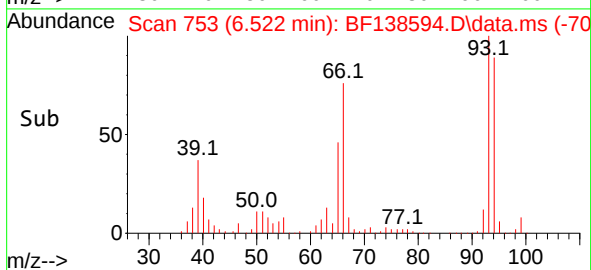
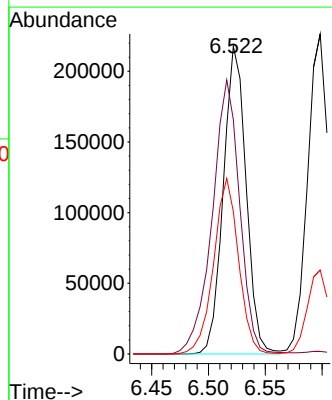
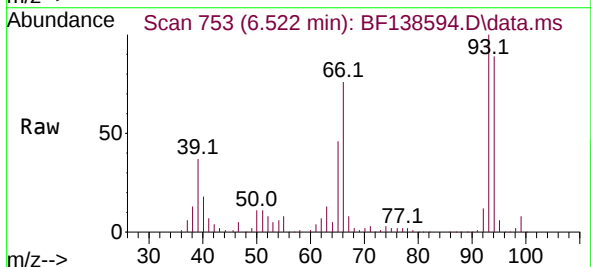
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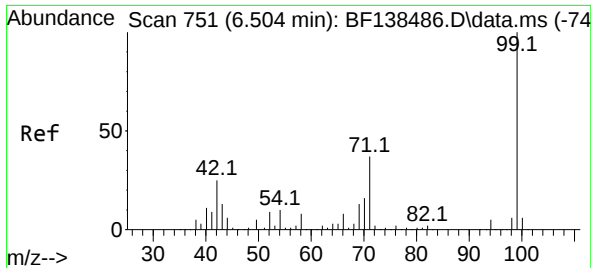
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#6
Aniline
Concen: 50.492 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

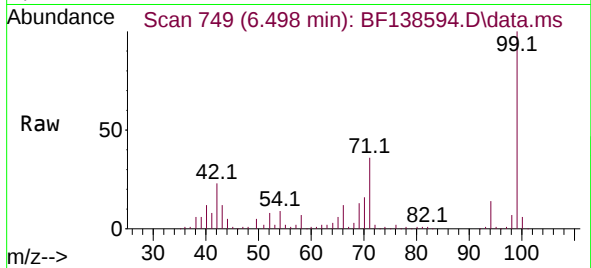
Tgt Ion: 93 Resp: 303636
Ion Ratio Lower Upper
93 100
66 76.2 35.4 53.0#
65 46.3 18.6 27.8#





#7
Phenol-d6
Concen: 121.455 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

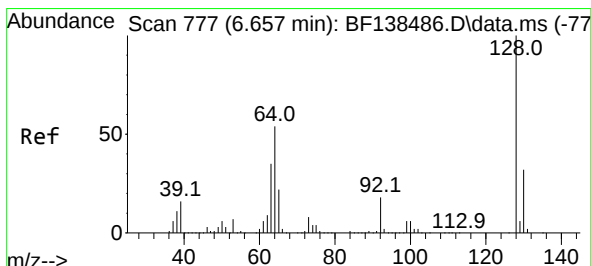
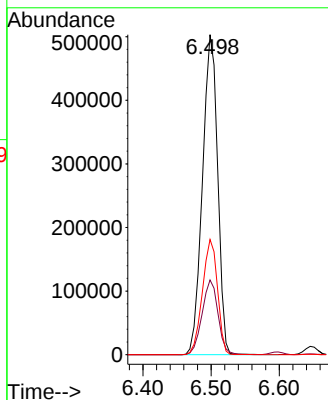
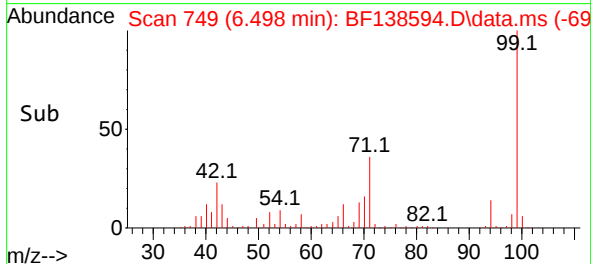
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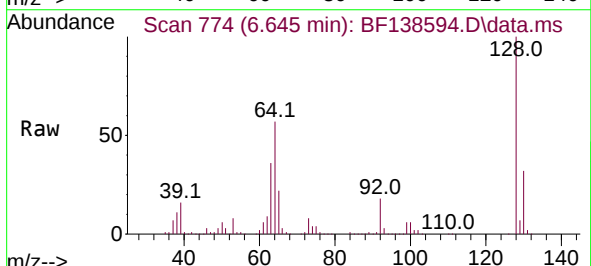
Tgt Ion: 99 Resp: 779779
Ion Ratio Lower Upper
99 100
42 23.4 19.7 29.5
71 36.0 29.9 44.9

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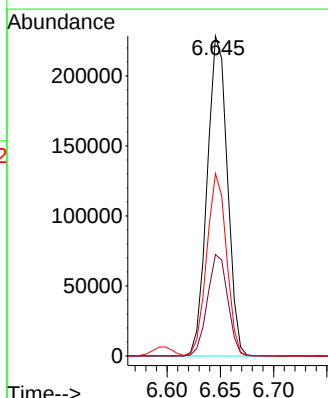
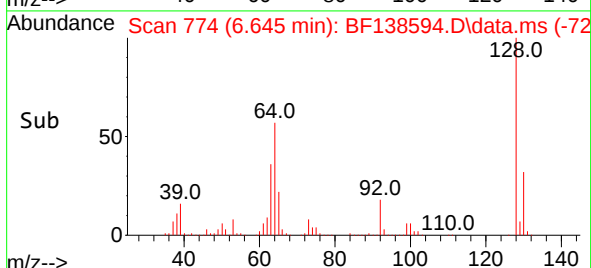
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#8
2-Chlorophenol
Concen: 59.073 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31



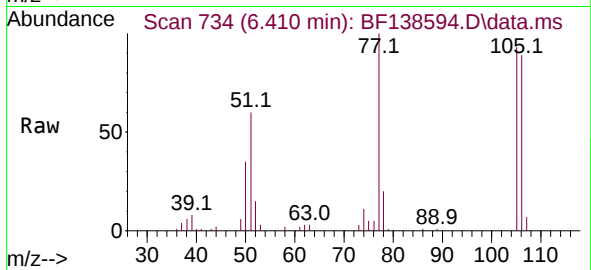
Tgt Ion:128 Resp: 301467
Ion Ratio Lower Upper
128 100
130 31.7 12.1 52.1
64 57.0 34.4 74.4





#9
Benzaldehyde
Concen: 9.668 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

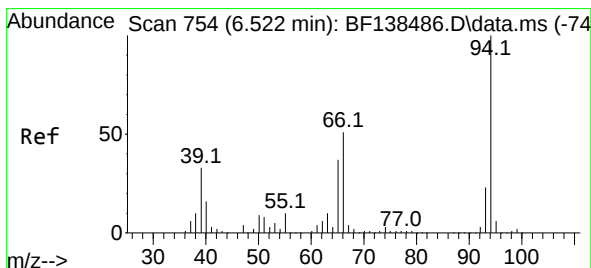
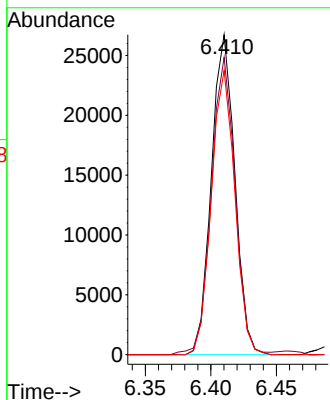
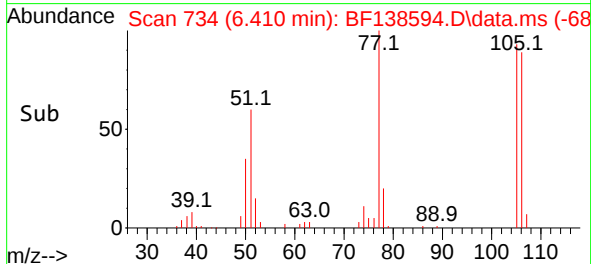
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion: 77 Resp: 33225
Ion Ratio Lower Upper
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105 92.9 75.1 115.1
106 88.8 73.2 113.2

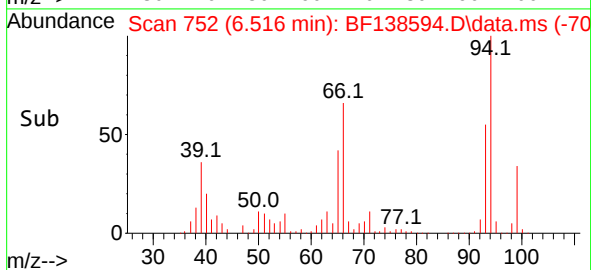
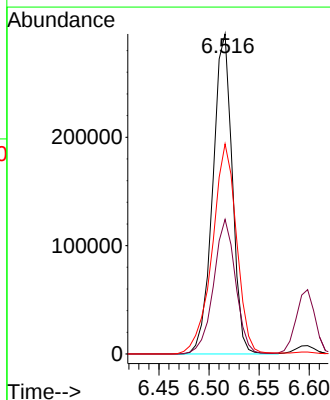
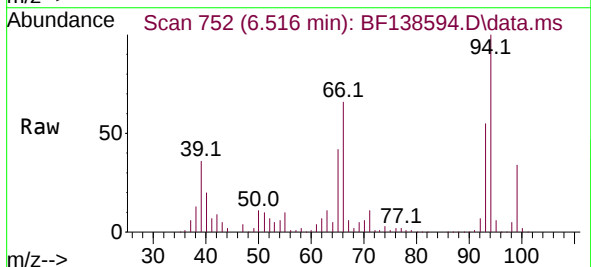
Manual Integrations
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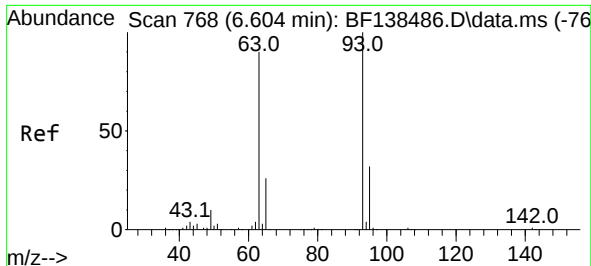
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Phenol
Concen: 58.425 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

Tgt Ion: 94 Resp: 398156
Ion Ratio Lower Upper
94 100
65 42.0 16.7 56.7
66 65.7 31.2 71.2





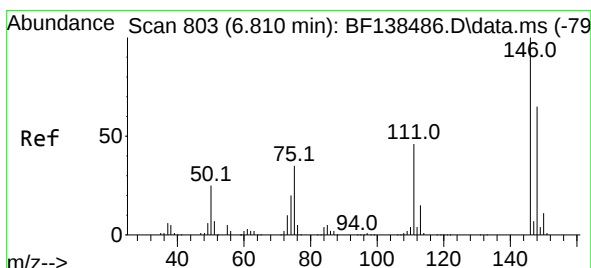
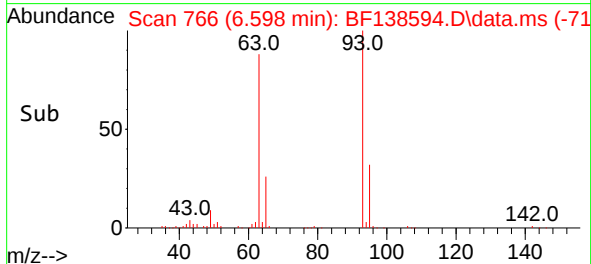
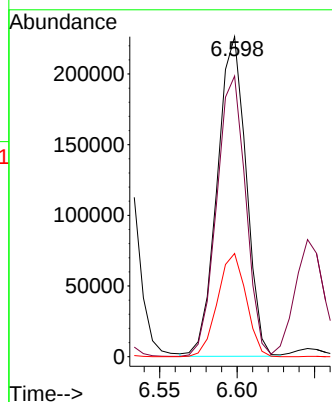
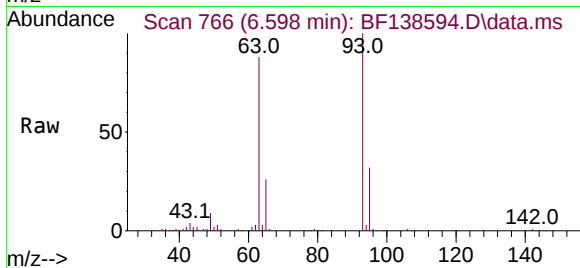
#11
bis(2-Chloroethyl)ether
Concen: 57.262 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD

Tgt Ion: 93 Resp: 293804
Ion Ratio Lower Upper
93 100
63 87.7 68.8 108.8
95 32.2 11.8 51.8

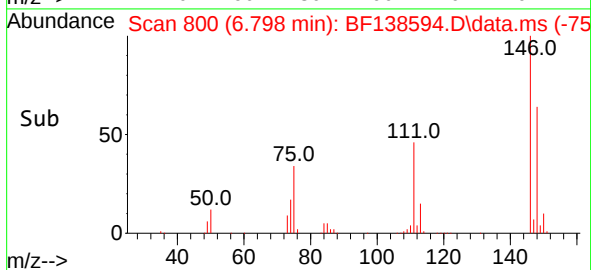
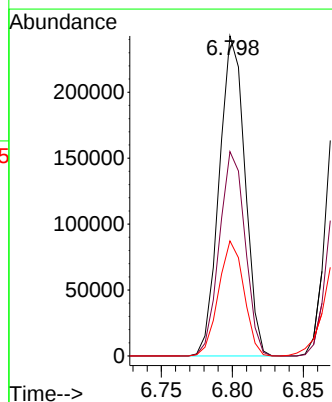
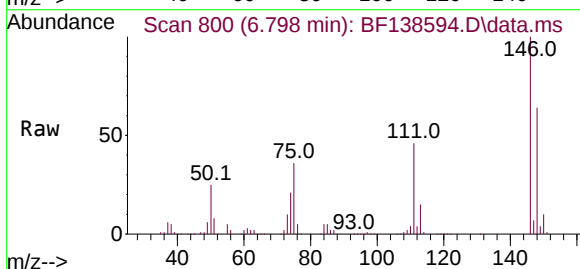
Manual Integrations
APPROVED

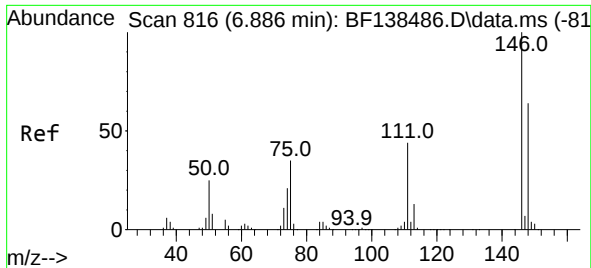
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#12
1,3-Dichlorobenzene
Concen: 53.211 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

Tgt Ion:146 Resp: 305236
Ion Ratio Lower Upper
146 100
148 63.8 52.4 78.6
75 36.0 27.8 41.8





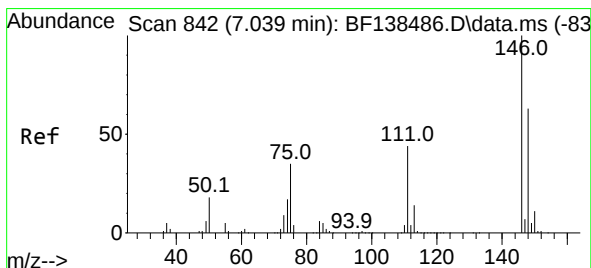
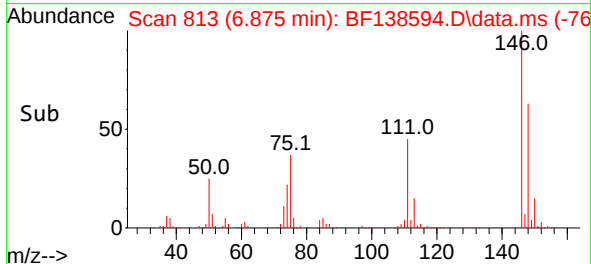
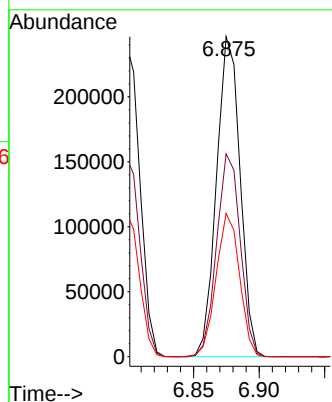
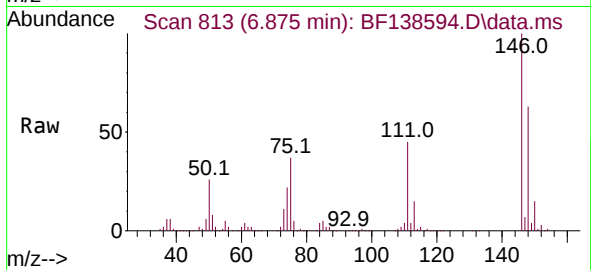
#13
1,4-Dichlorobenzene
Concen: 52.882 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD

Tgt Ion:146 Resp: 308044
Ion Ratio Lower Upper
146 100
148 63.4 51.6 77.4
111 44.7 34.9 52.3

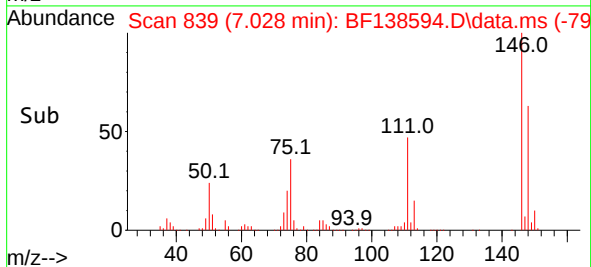
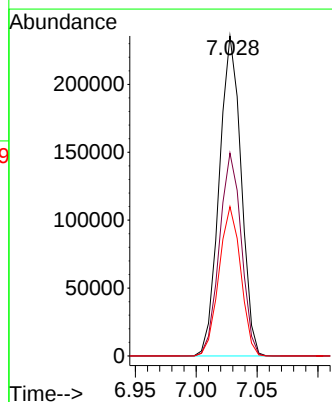
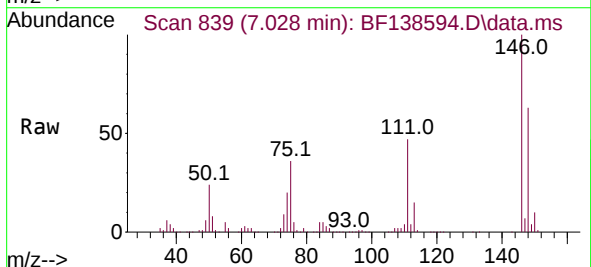
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#14
1,2-Dichlorobenzene
Concen: 54.347 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

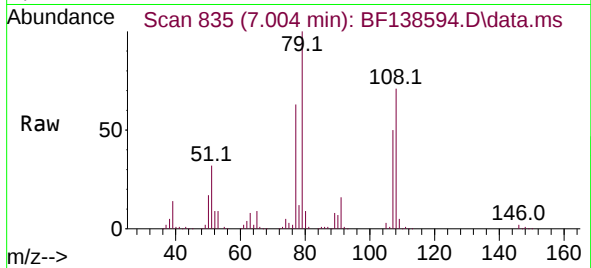
Tgt Ion:146 Resp: 294851
Ion Ratio Lower Upper
146 100
148 63.4 50.1 75.1
111 46.7 35.5 53.3





#15
Benzyl Alcohol
Concen: 59.781 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

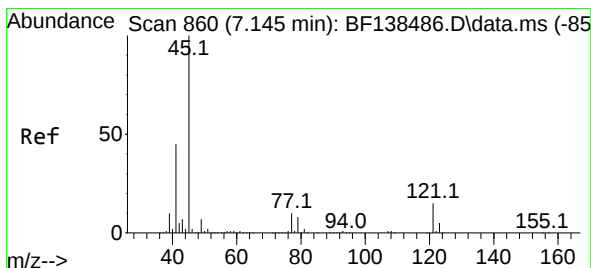
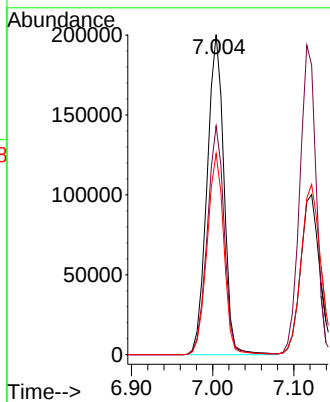
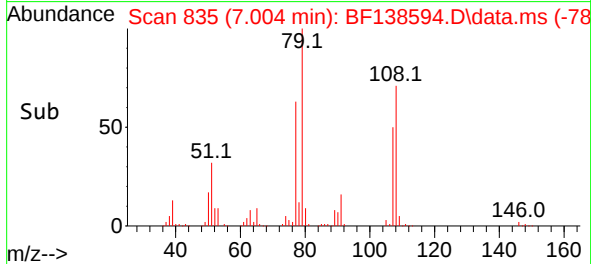
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion: 79 Resp: 28804
Ion Ratio Lower Upper
79 100
108 71.4 54.3 81.5
77 62.8 50.0 75.0

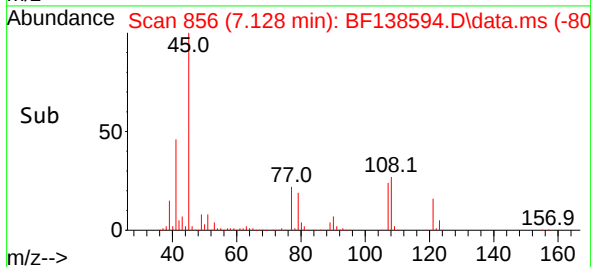
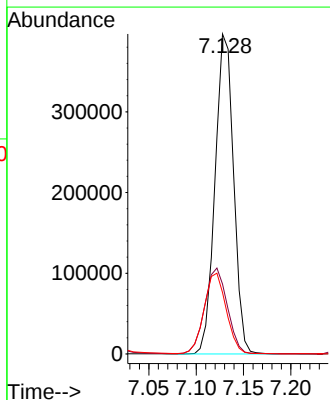
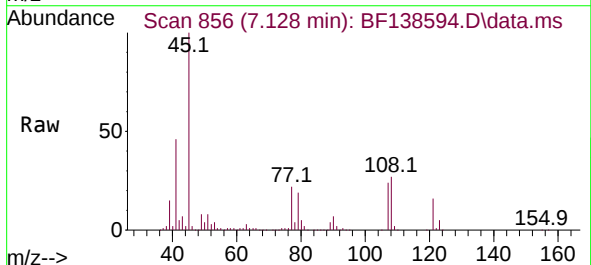
Manual Integrations
APPROVED

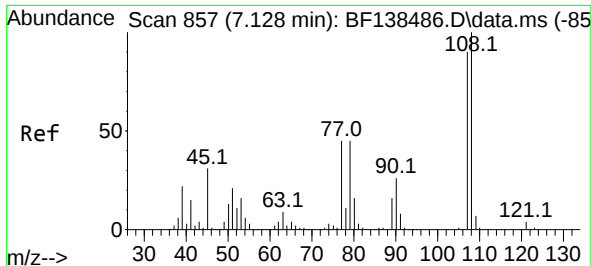
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.541 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.018 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

Tgt Ion: 45 Resp: 540236
Ion Ratio Lower Upper
45 100
77 21.8 0.0 30.4
79 19.2 0.0 28.1





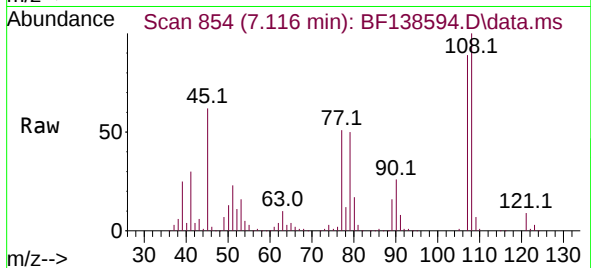
#17
2-Methylphenol
Concen: 57.912 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MSD



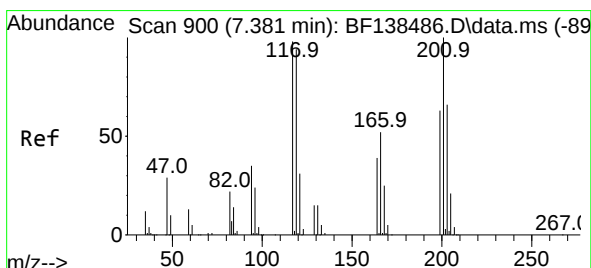
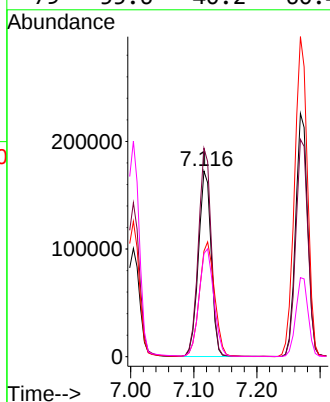
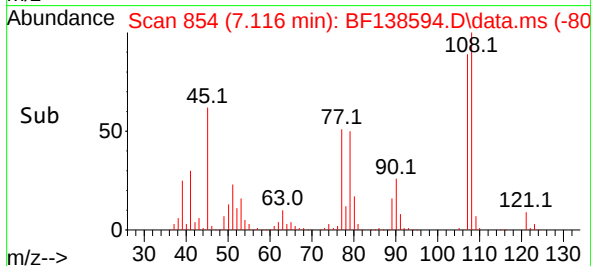
Tgt Ion:107 Resp: 24221
Ion Ratio Lower Upper
107 100
108 112.3 89.0 133.4
77 56.9 40.3 60.5
79 55.6 40.2 60.4

Manual Integrations

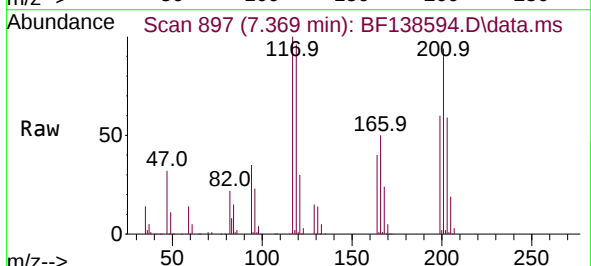
APPROVED

Reviewed By :Yogesh Patel 07/20/2024

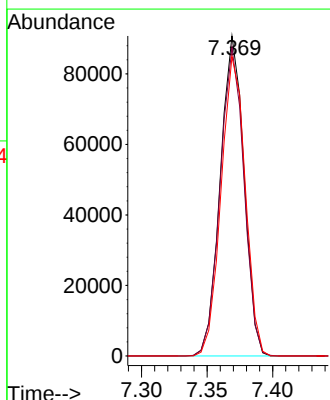
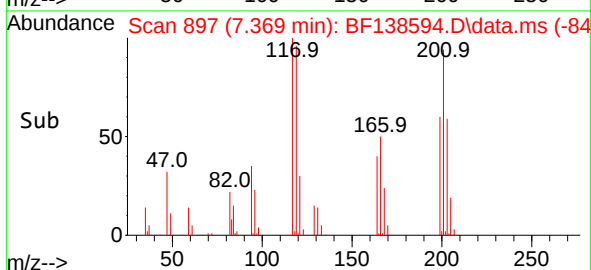
Supervised By :mohammad ahmed 07/22/2024



#18
Hexachloroethane
Concen: 53.232 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31



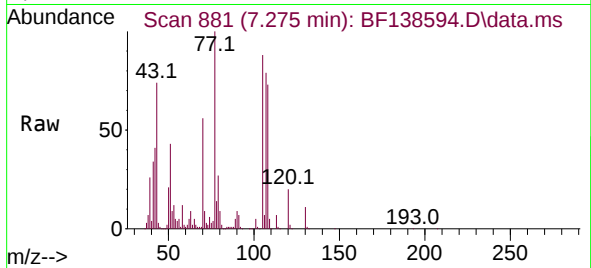
Tgt Ion:117 Resp: 113995
Ion Ratio Lower Upper
117 100
119 96.3 76.6 114.8
201 93.6 81.4 122.0





#19
n-Nitroso-di-n-propylamine
Concen: 56.795 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

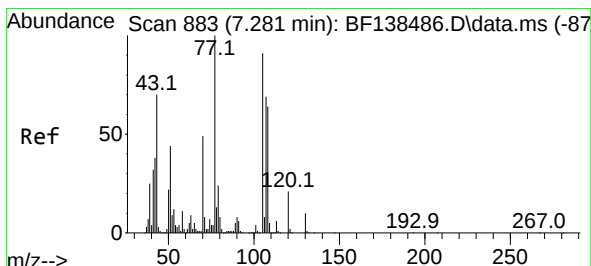
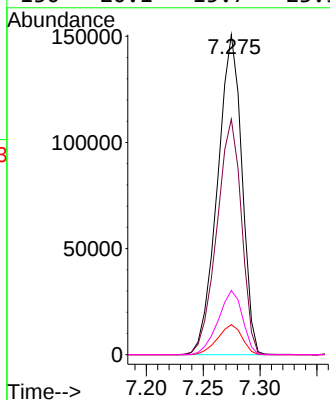
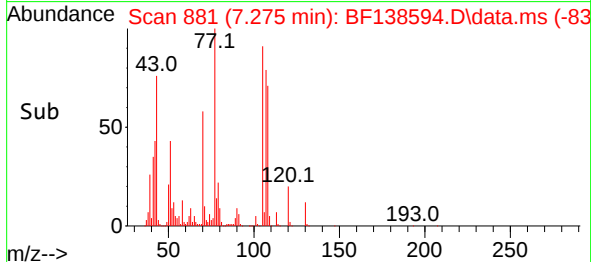
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



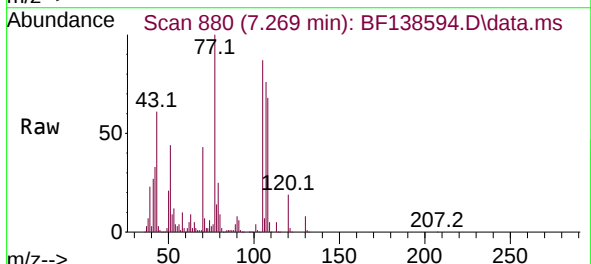
Tgt Ion: 70 Resp: 225315
Ion Ratio Lower Upper
70 100
42 73.6 62.4 93.6
101 9.4 7.2 10.8
130 20.1 15.7 23.5

Manual Integrations
APPROVED

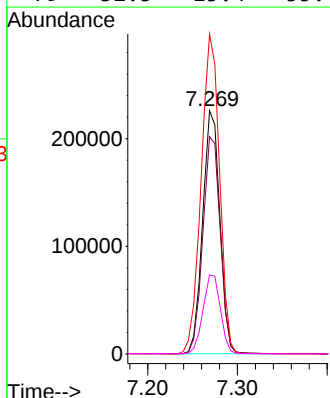
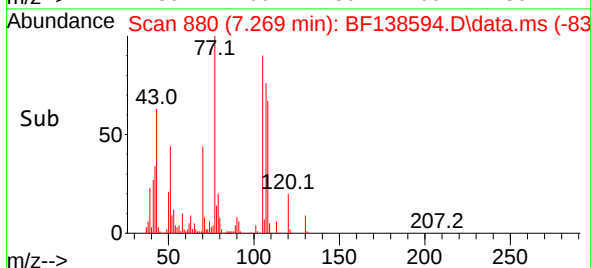
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

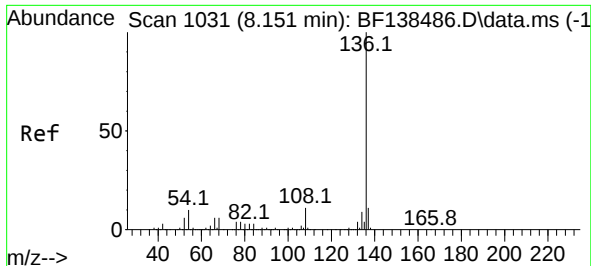


#20
3+4-Methylphenols
Concen: 57.006 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31



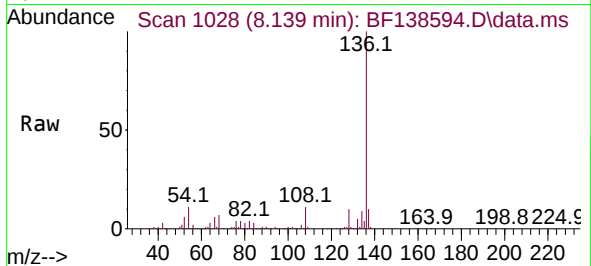
Tgt Ion:107 Resp: 300239
Ion Ratio Lower Upper
107 100
108 89.3 73.7 113.7
77 131.5 126.0 166.0
79 32.5 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

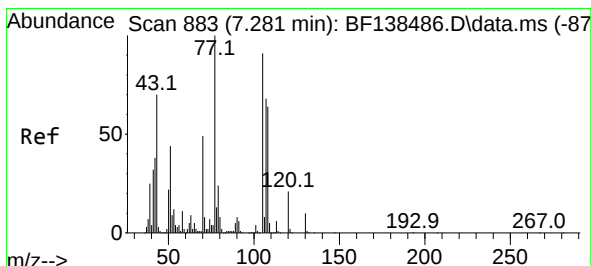
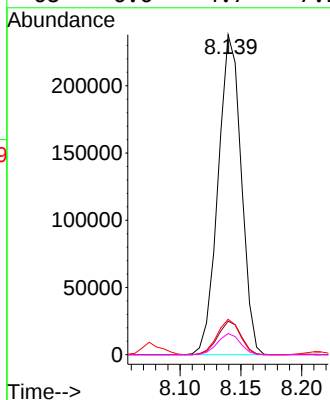
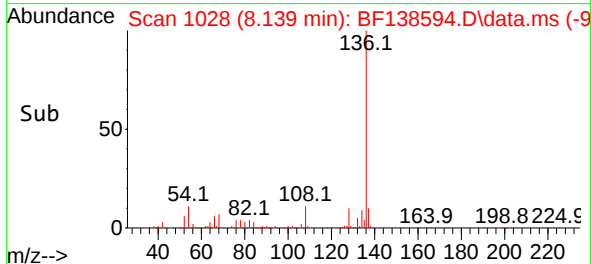
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:136 Resp: 31492
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 11.1 8.1 12.1
68 6.6 4.7 7.1

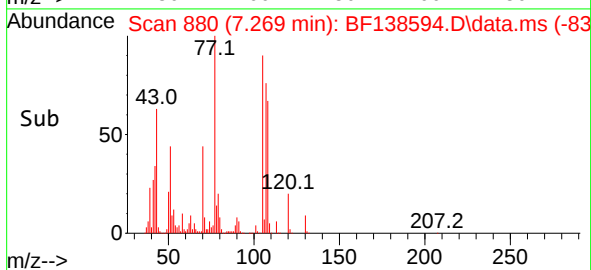
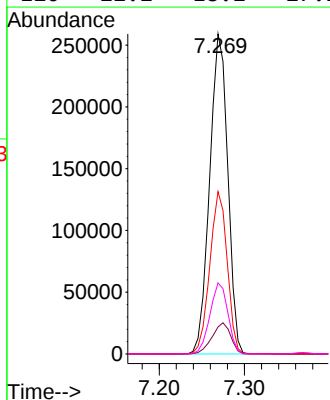
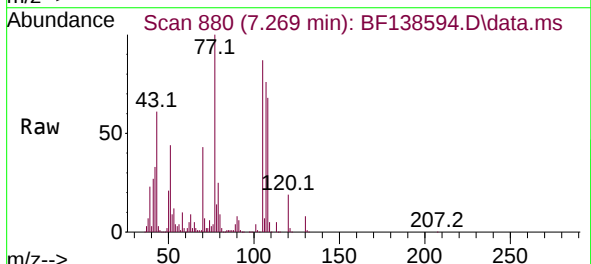
Manual Integrations
APPROVED

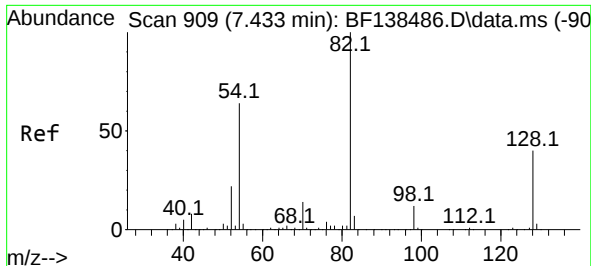
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Acetophenone
Concen: 49.970 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

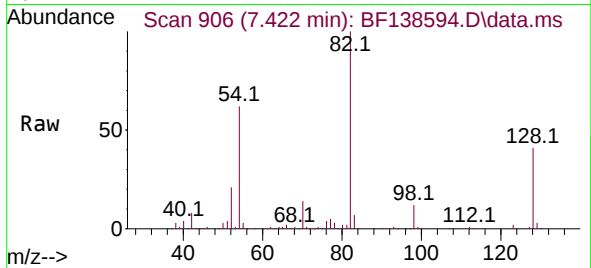
Tgt Ion:105 Resp: 382200
Ion Ratio Lower Upper
105 100
71 8.5 7.4 11.2
51 50.7 38.7 58.1
120 22.2 18.2 27.2





#23
Nitrobenzene-d5
Concen: 78.152 ng
RT: 7.422 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

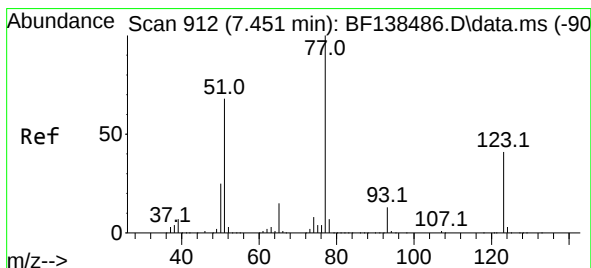
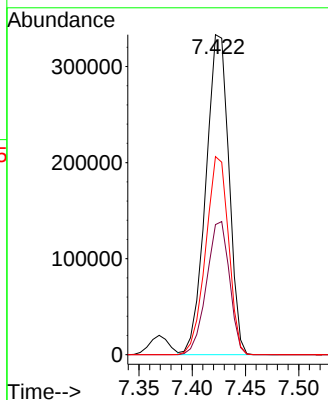
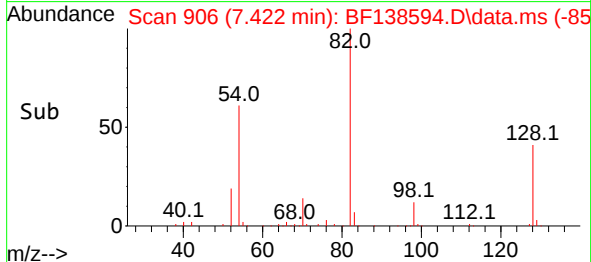
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion: 82 Resp: 501285
Ion Ratio Lower Upper
82 100
128 40.7 32.3 48.5
54 61.9 51.4 77.0

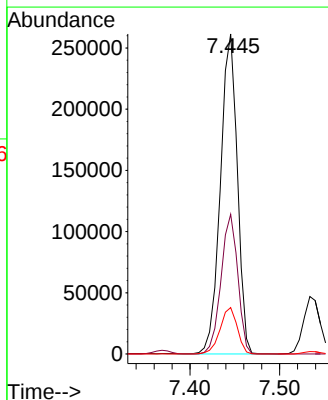
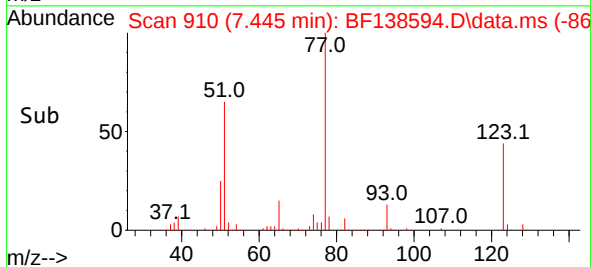
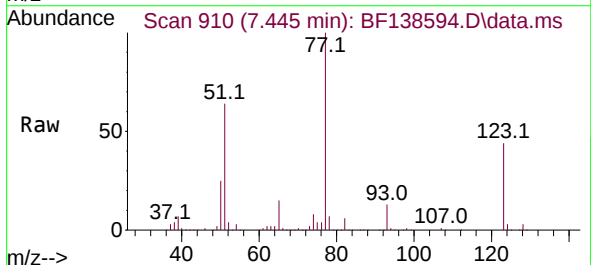
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#24
Nitrobenzene
Concen: 52.601 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

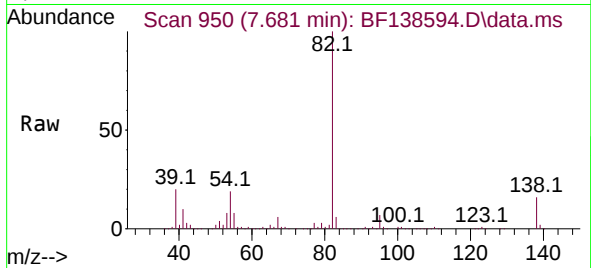
Tgt Ion: 77 Resp: 342865
Ion Ratio Lower Upper
77 100
123 43.6 32.4 48.6
65 14.5 11.8 17.8





#25
Isophorone
Concen: 55.813 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

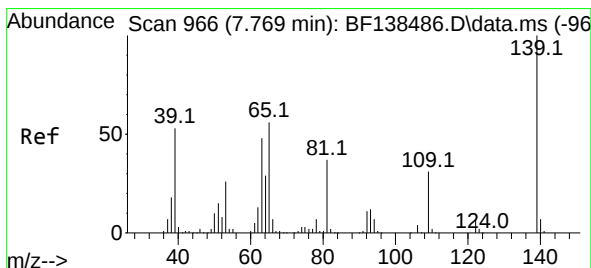
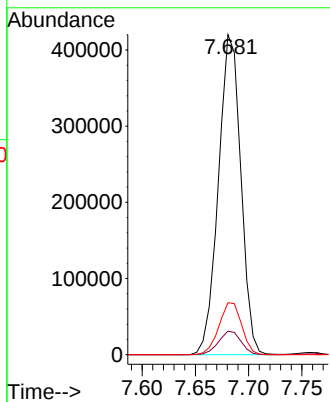
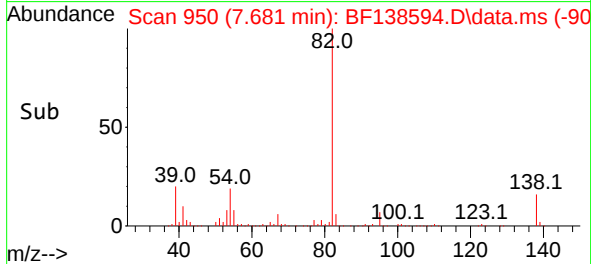
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion: 82 Resp: 61479
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 16.3 12.8 19.2

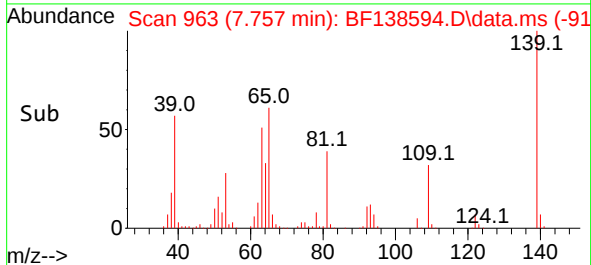
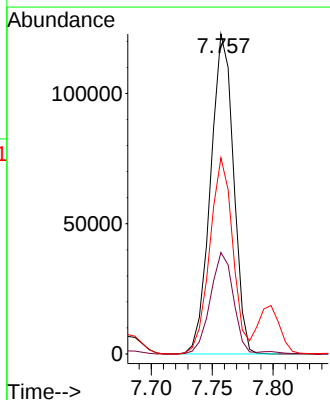
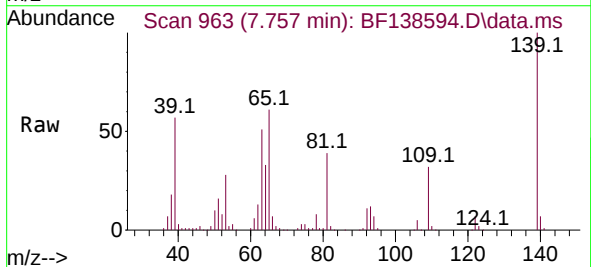
Manual Integrations
APPROVED

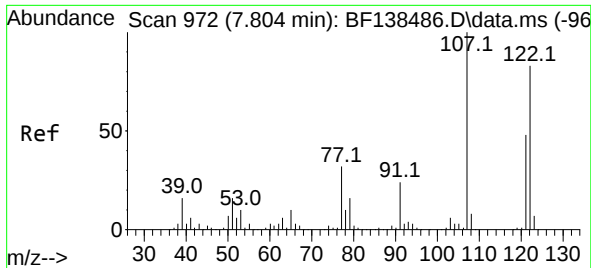
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#26
2-Nitrophenol
Concen: 57.684 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

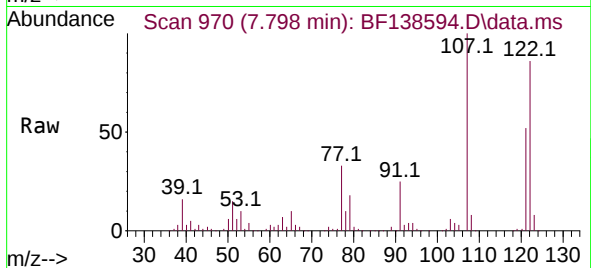
Tgt Ion:139 Resp: 161153
Ion Ratio Lower Upper
139 100
109 31.7 24.8 37.2
65 61.3 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 60.337 ng m
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

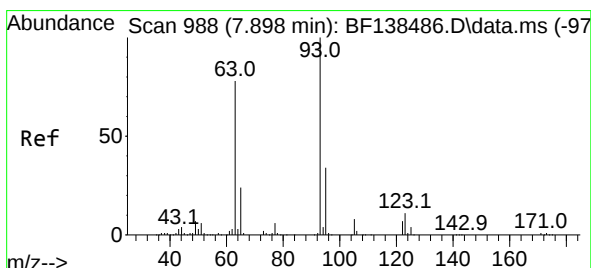
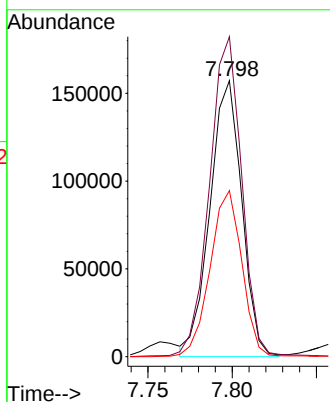
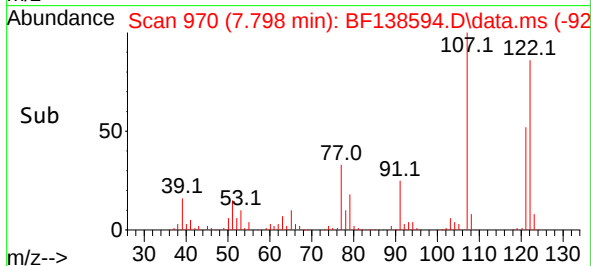
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:122 Resp: 20717
Ion Ratio Lower Upper
122 100
107 115.9 96.3 144.5
121 60.1 46.7 70.1

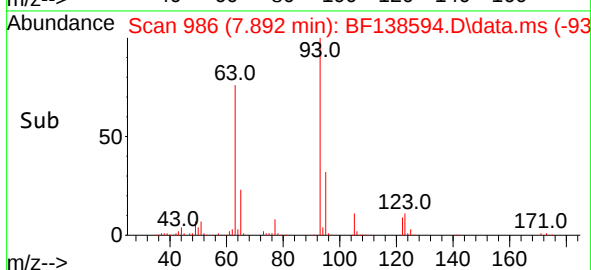
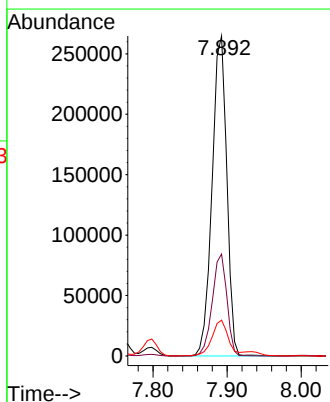
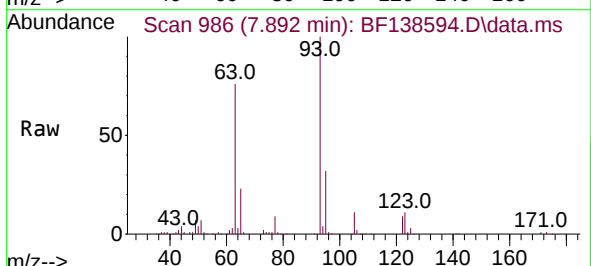
Manual Integrations
APPROVED

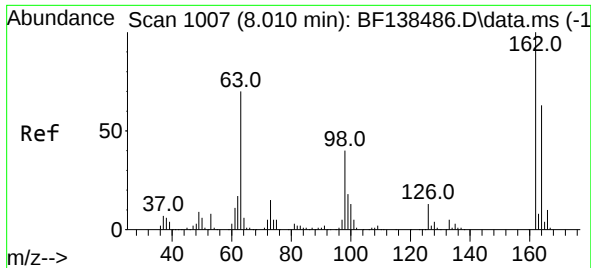
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#28
bis(2-Chloroethoxy)methane
Concen: 55.344 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

Tgt Ion: 93 Resp: 364335
Ion Ratio Lower Upper
93 100
95 31.9 27.0 40.6
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 55.304 ng

RT: 8.004 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF138594.D

Acq: 19 Jul 2024 17:31

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MSD

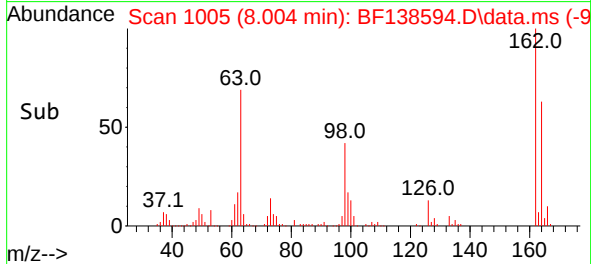
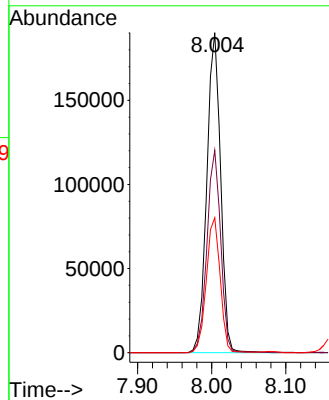
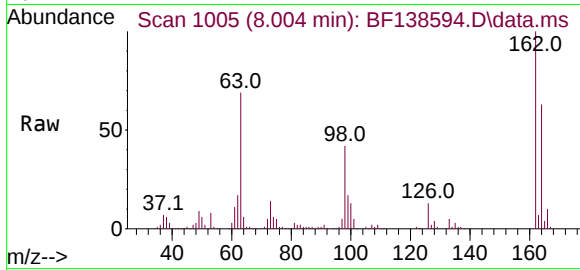
Tgt Ion:162 Resp: 246594
 Ion Ratio Lower Upper
 162 100
 164 63.2 42.6 82.6
 98 42.2 20.1 60.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 49.283 ng

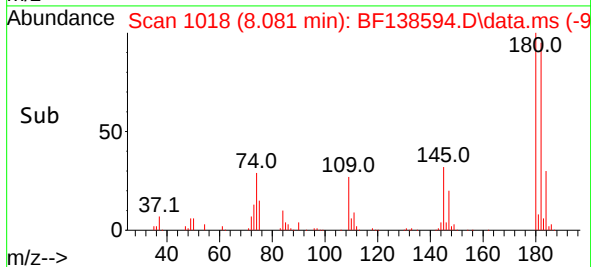
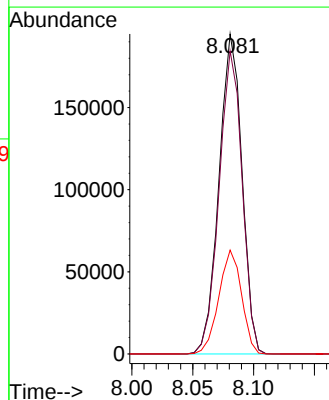
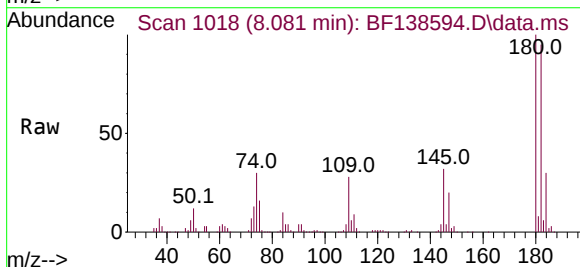
RT: 8.081 min Scan# 1018

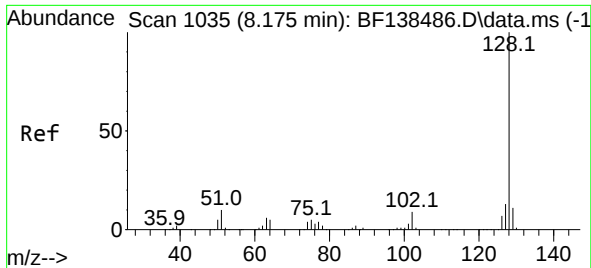
Delta R.T. -0.012 min

Lab File: BF138594.D

Acq: 19 Jul 2024 17:31

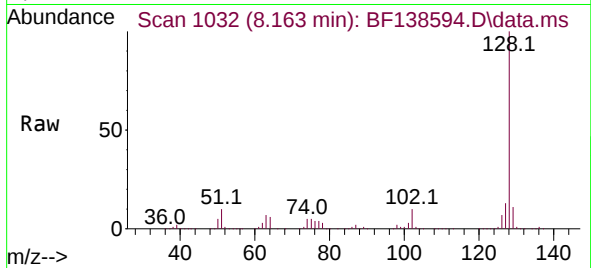
Tgt Ion:180 Resp: 255990
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.9 115.3
 145 32.4 23.9 35.9





#31
Naphthalene
Concen: 53.113 ng
RT: 8.163 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

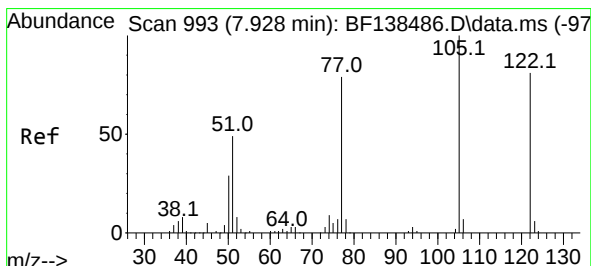
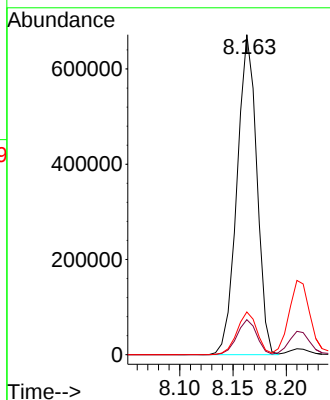
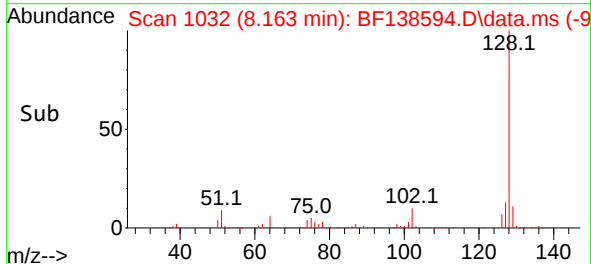
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



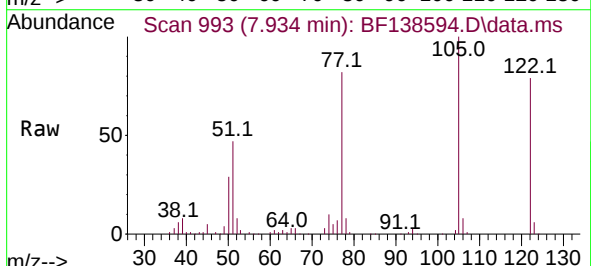
Tgt Ion:128 Resp: 869909
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.4 10.7 16.1

Manual Integrations
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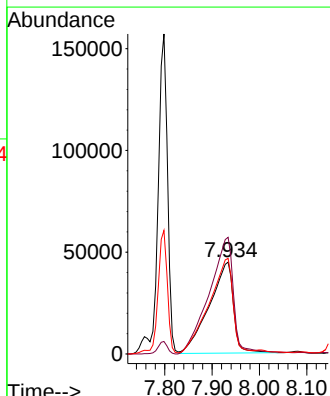
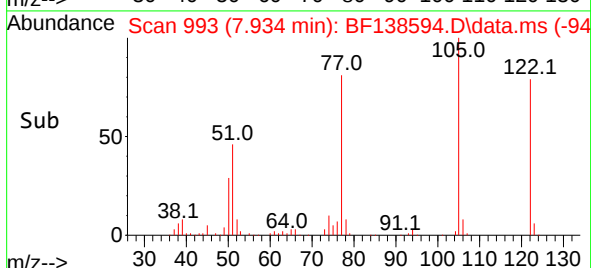
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

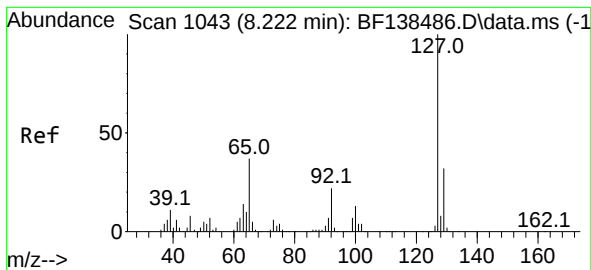


#32
Benzoic acid
Concen: 48.370 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31



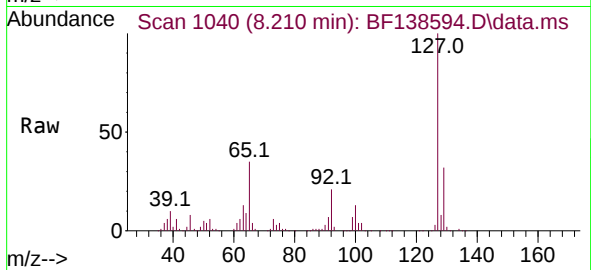
Tgt Ion:122 Resp: 158408
Ion Ratio Lower Upper
122 100
105 127.1 101.5 141.5
77 104.0 77.3 117.3





#33
4-Chloroaniline
Concen: 38.844 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

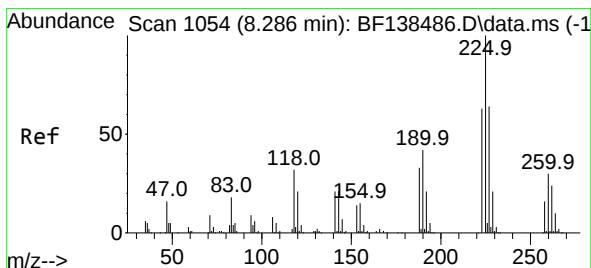
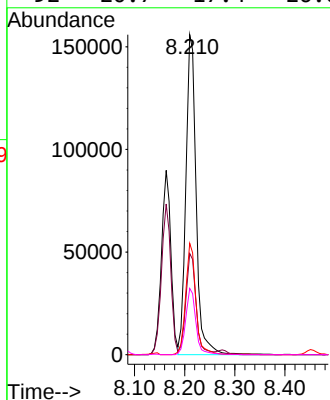
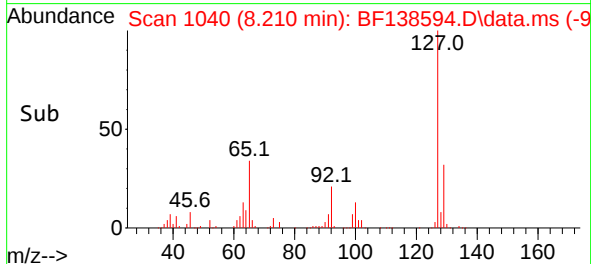
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:127 Resp: 223227
Ion Ratio Lower Upper
127 100
129 31.6 25.6 38.4
65 34.8 29.6 44.4
92 20.7 17.4 26.0

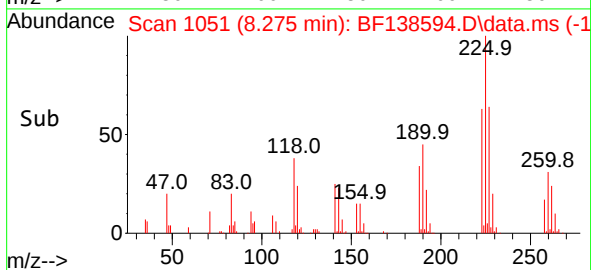
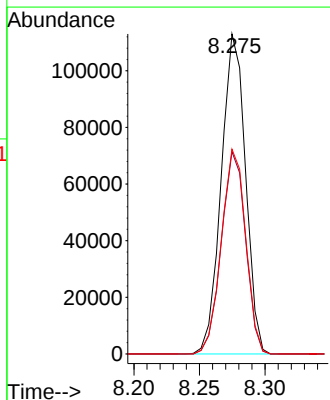
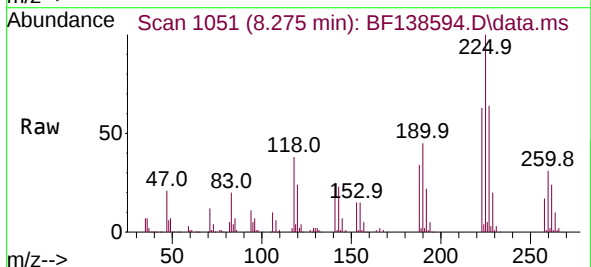
Manual Integrations
APPROVED

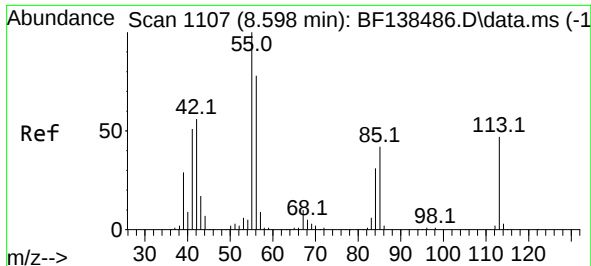
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#34
Hexachlorobutadiene
Concen: 45.434 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

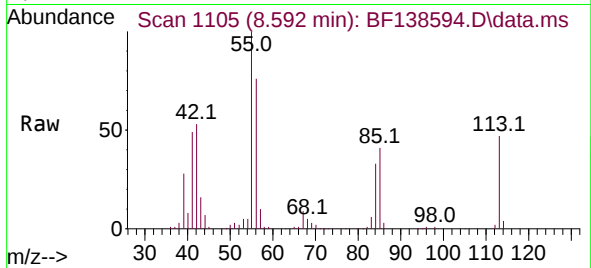
Tgt Ion:225 Resp: 145327
Ion Ratio Lower Upper
225 100
223 63.2 50.0 75.0
227 64.0 51.0 76.6





#35
Caprolactam
Concen: 56.536 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

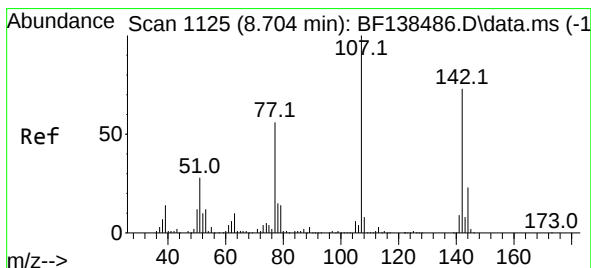
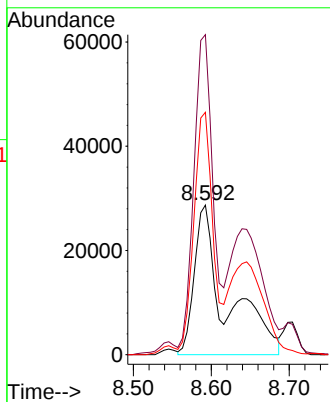
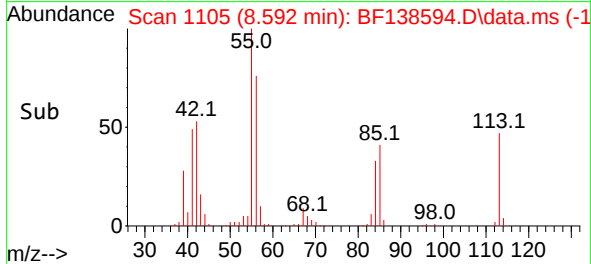
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:113 Resp: 81340
Ion Ratio Lower Upper
113 100
55 213.8 192.5 232.5
56 161.9 145.3 185.3

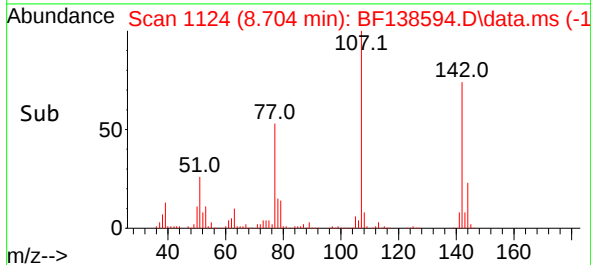
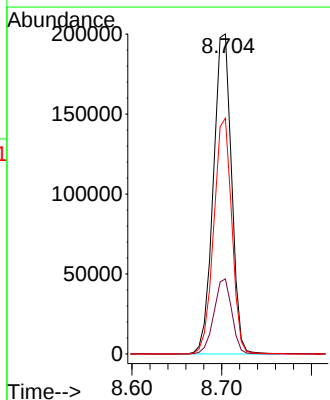
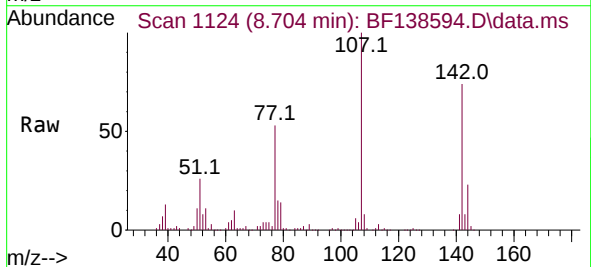
Manual Integrations
APPROVED

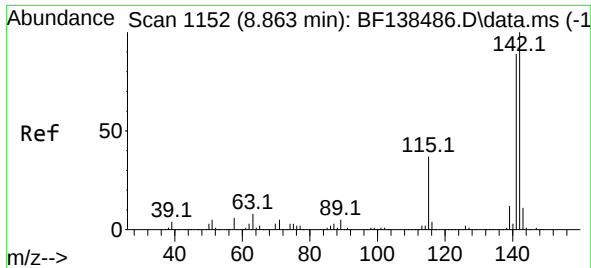
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#36
4-Chloro-3-methylphenol
Concen: 56.450 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

Tgt Ion:107 Resp: 281790
Ion Ratio Lower Upper
107 100
144 23.5 18.6 27.8
142 73.7 58.6 88.0





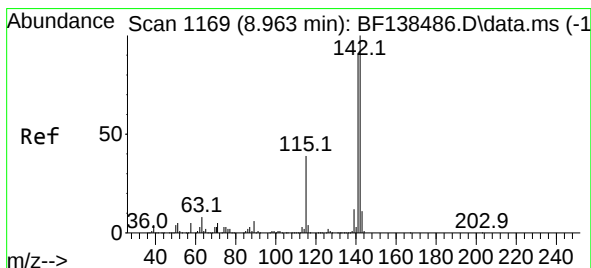
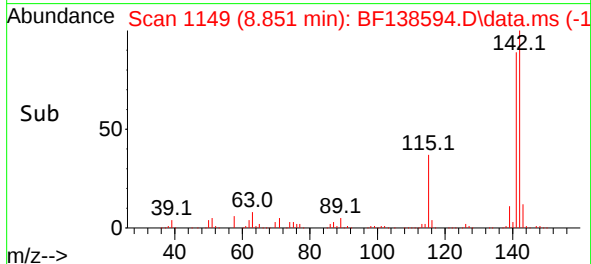
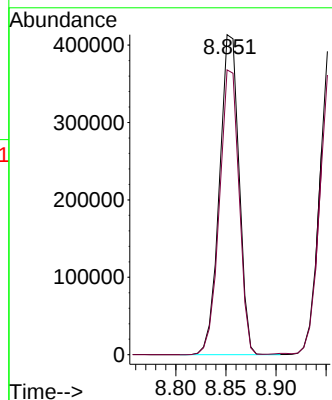
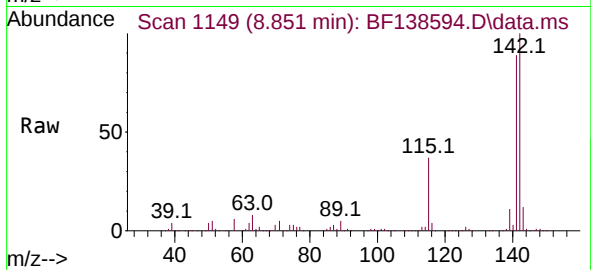
#37
2-Methylnaphthalene
Concen: 53.053 ng
RT: 8.851 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD

Tgt Ion:142 Resp: 55918
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.0

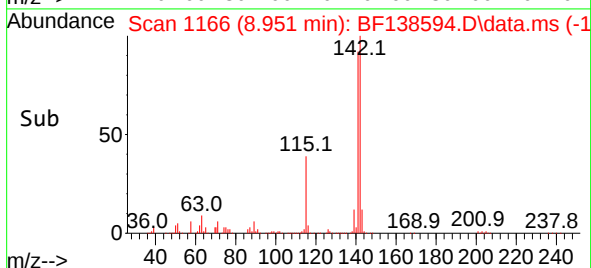
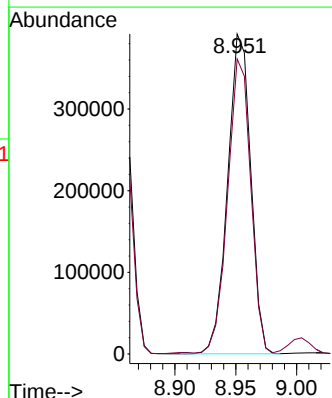
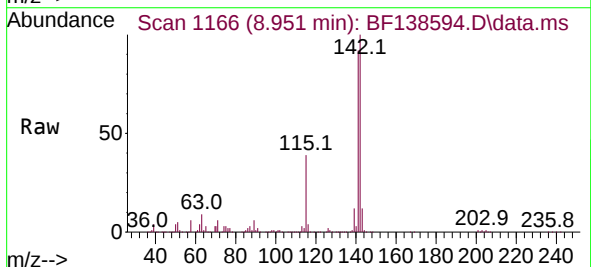
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#38
1-Methylnaphthalene
Concen: 50.285 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

Tgt Ion:142 Resp: 517258
Ion Ratio Lower Upper
142 100
141 92.2 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF138594.D

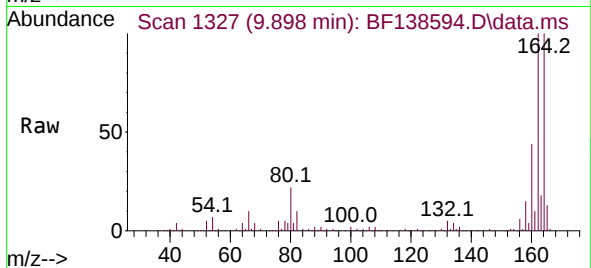
Acq: 19 Jul 2024 17:31

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MSD



Tgt Ion:164 Resp: 171964

Ion Ratio Lower Upper

164 100

162 99.6 79.0 118.6

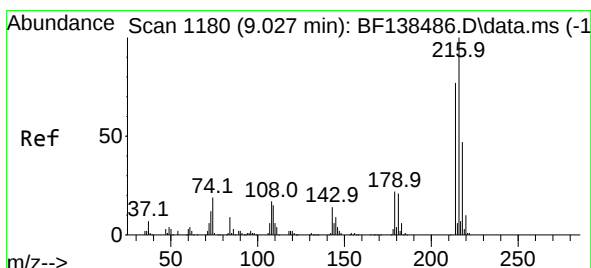
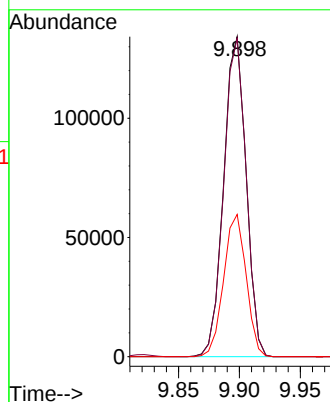
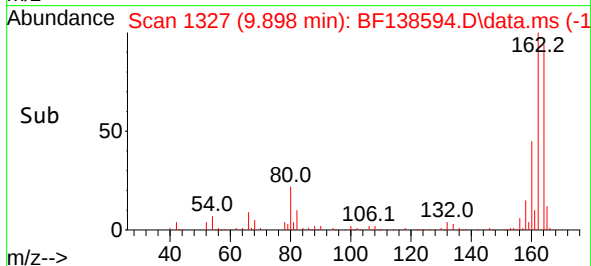
160 44.4 34.4 51.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.819 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF138594.D

Acq: 19 Jul 2024 17:31

Tgt Ion:216 Resp: 229185

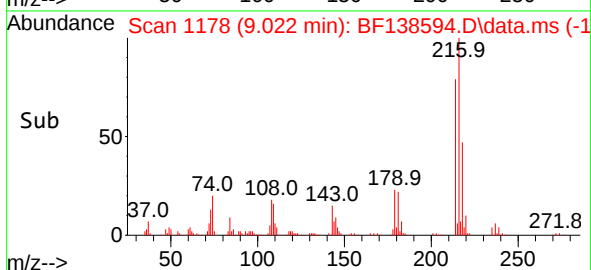
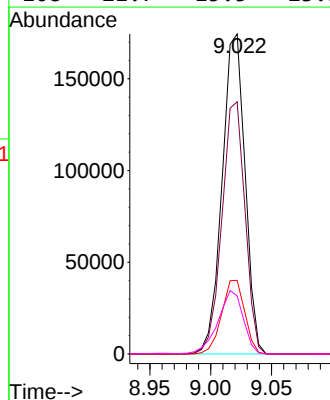
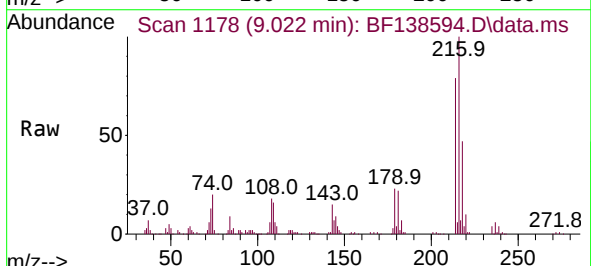
Ion Ratio Lower Upper

216 100

214 79.0 62.8 94.2

179 23.1 17.7 26.5

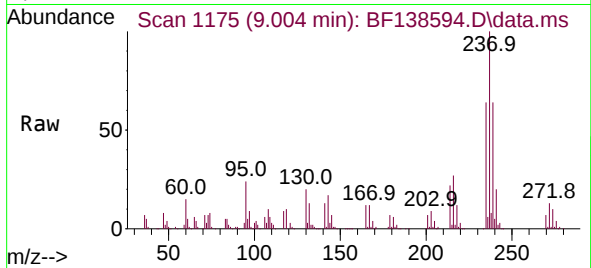
108 21.7 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 119.895 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

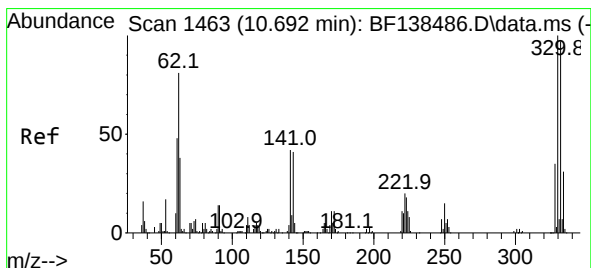
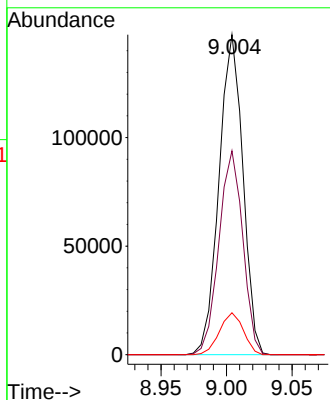
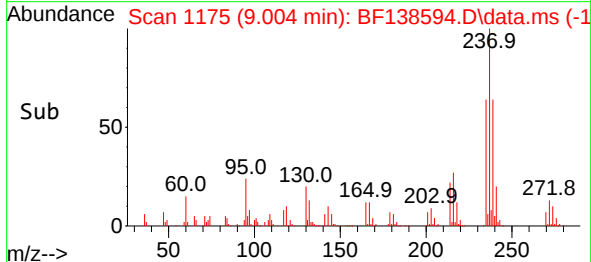
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



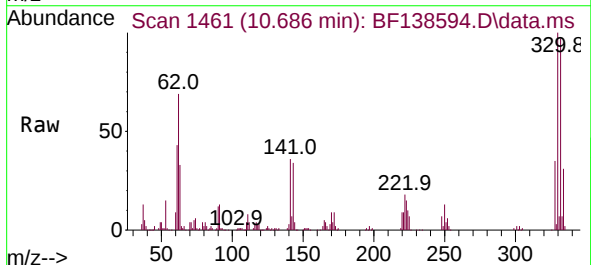
Tgt Ion: 237 Resp: 18651
Ion Ratio Lower Upper
237 100
235 63.7 43.3 83.3
272 13.1 0.0 32.3

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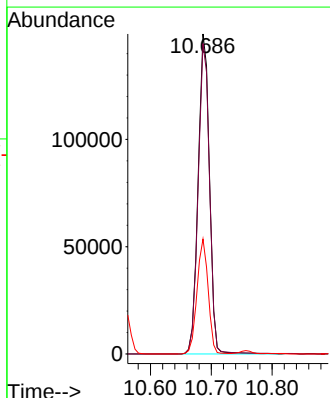
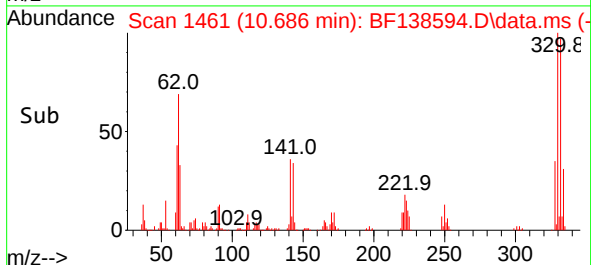
Reviewed By : Yogesh Patel 07/20/2024
Supervised By : mohammad ahmed 07/22/2024



#42
2,4,6-Tribromophenol
Concen: 120.143 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31



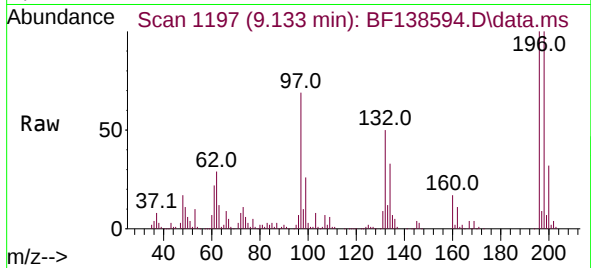
Tgt Ion: 330 Resp: 193091
Ion Ratio Lower Upper
330 100
332 97.4 76.8 115.2
141 35.3 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 54.574 ng
RT: 9.133 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

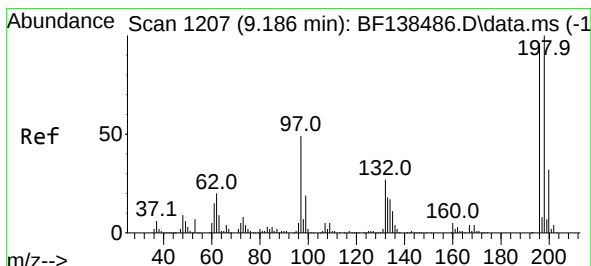
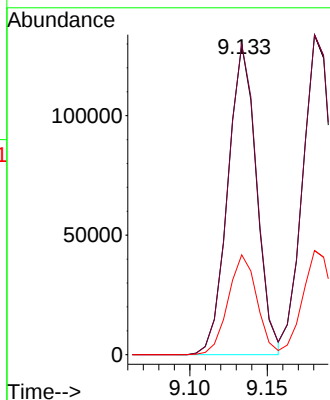
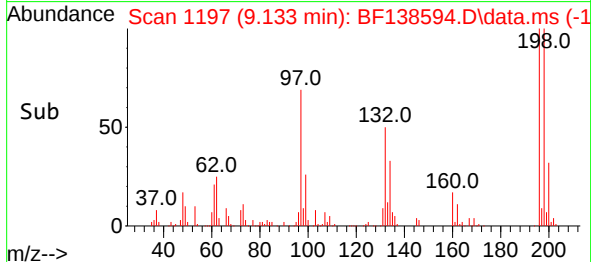
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



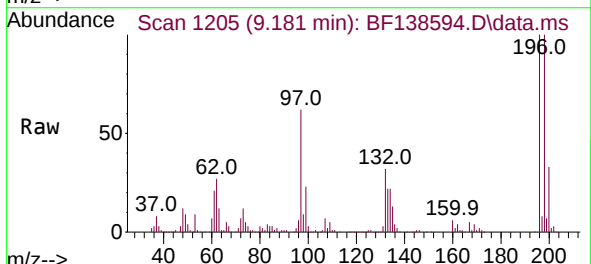
Tgt Ion:196 Resp: 16684
Ion Ratio Lower Upper
196 100
198 100.2 82.3 123.5
200 32.2 25.8 38.6

Manual Integrations
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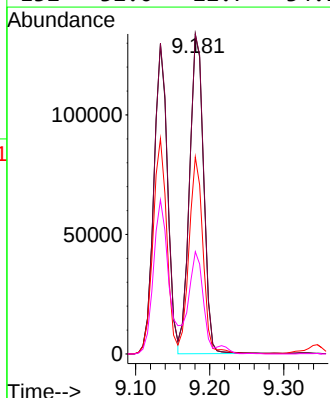
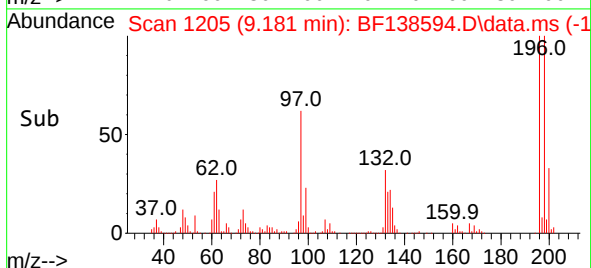
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

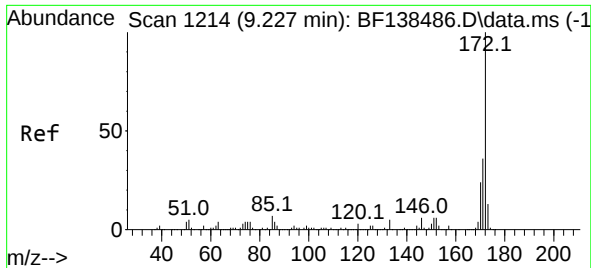


#44
2,4,5-Trichlorophenol
Concen: 52.318 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31



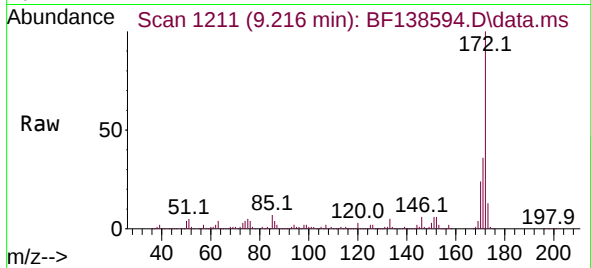
Tgt Ion:196 Resp: 175920
Ion Ratio Lower Upper
196 100
198 100.1 82.8 124.2
97 61.6 41.0 61.4#
132 32.0 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 76.343 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

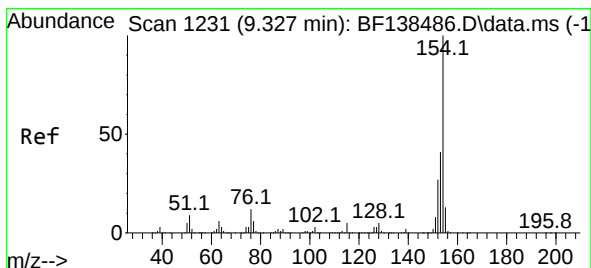
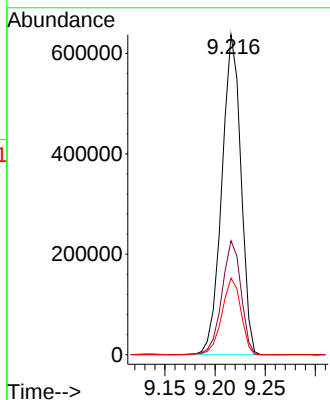
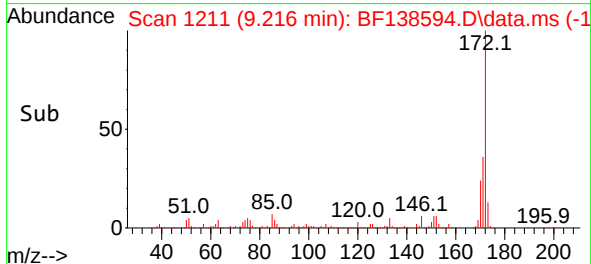
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



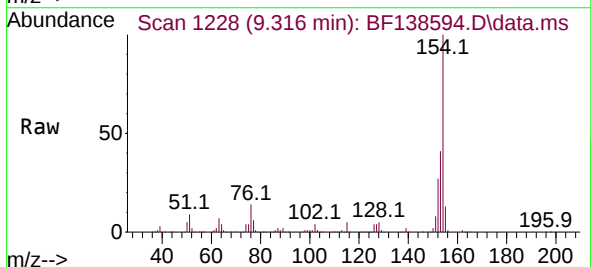
Tgt Ion:172 Resp: 839980
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.9 18.9 28.3

Manual Integrations
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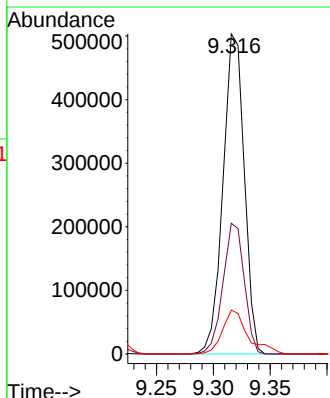
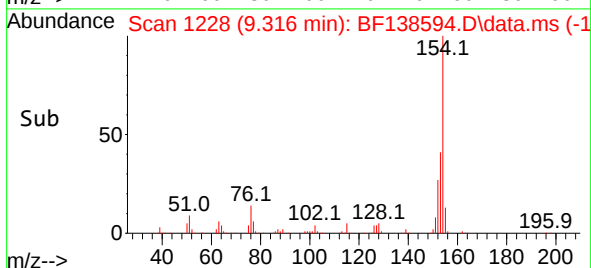
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

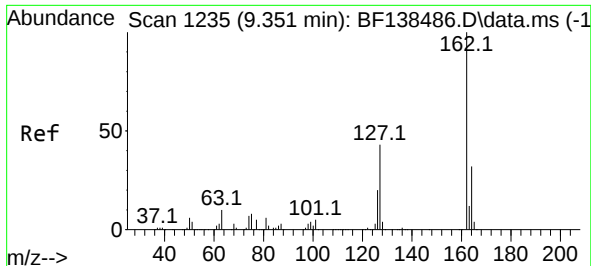


#46
1,1'-Biphenyl
Concen: 50.326 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31



Tgt Ion:154 Resp: 655857
Ion Ratio Lower Upper
154 100
153 40.8 20.7 60.7
76 13.7 0.0 32.2





#47

2-Chloronaphthalene

Concen: 53.345 ng

RT: 9.345 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF138594.D

Acq: 19 Jul 2024 17:31

Instrument :

BNA_F

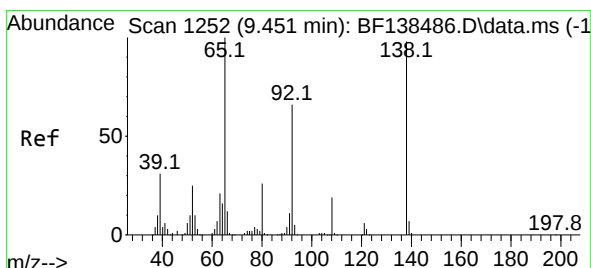
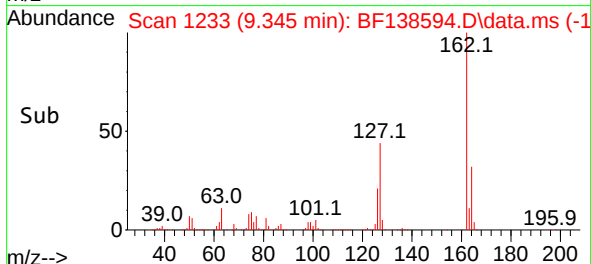
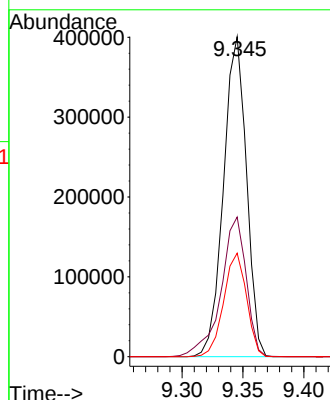
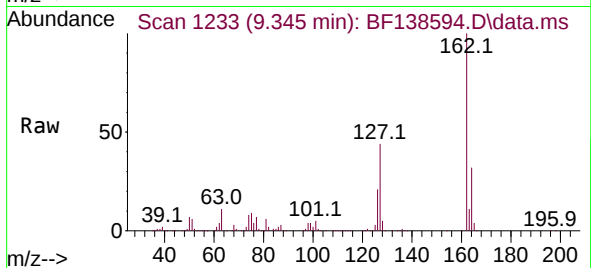
ClientSampleId :

FILL-MATERIAL-1MSD

Tgt Ion:162 Resp: 525200
 Ion Ratio Lower Upper
 162 100
 127 43.6 34.8 52.2
 164 32.3 25.6 38.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024



#48

2-Nitroaniline

Concen: 60.891 ng

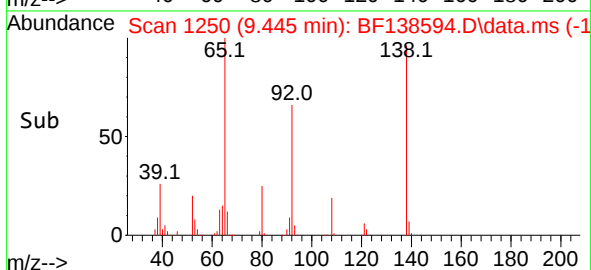
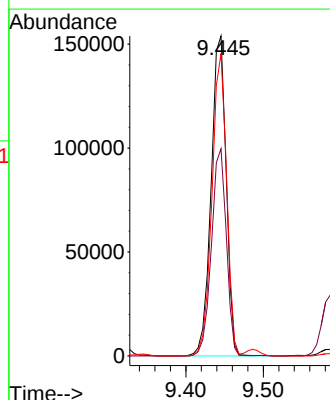
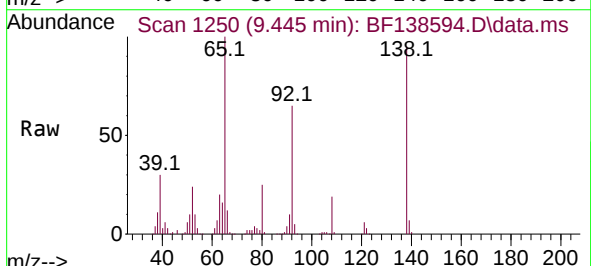
RT: 9.445 min Scan# 1250

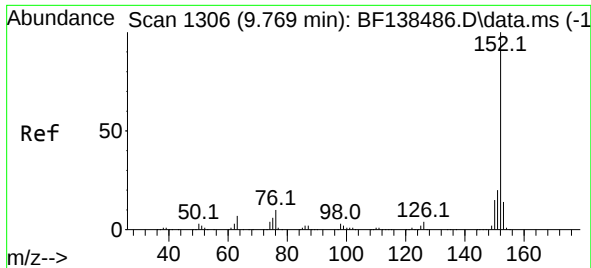
Delta R.T. -0.006 min

Lab File: BF138594.D

Acq: 19 Jul 2024 17:31

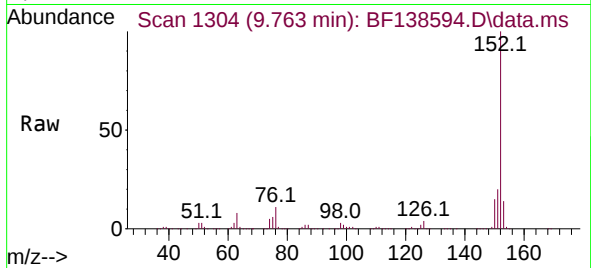
Tgt Ion: 65 Resp: 207739
 Ion Ratio Lower Upper
 65 100
 92 64.8 52.6 78.8
 138 94.5 78.6 118.0





#49
Acenaphthylene
Concen: 59.943 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

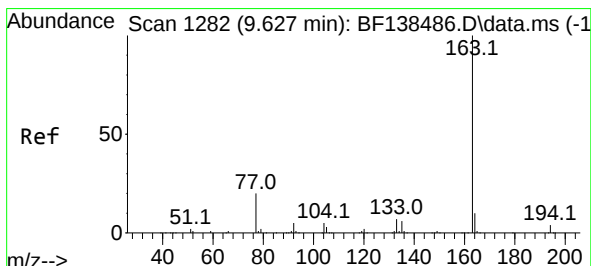
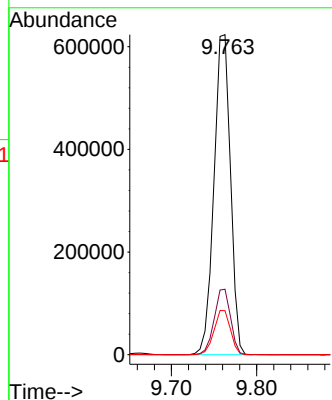
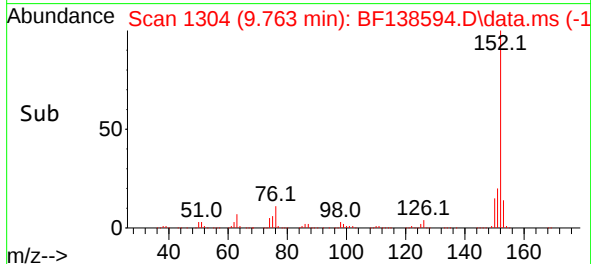
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



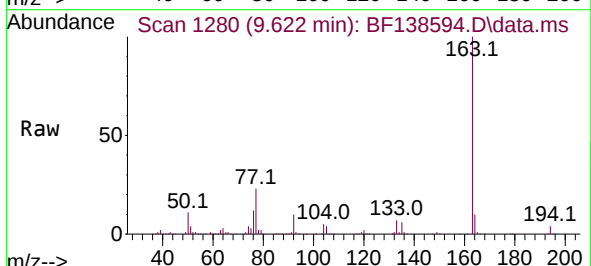
Tgt Ion:152 Resp: 83788
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.8 11.3 16.9

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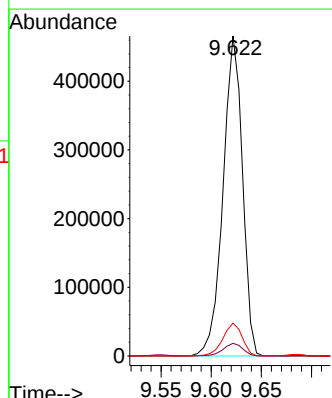
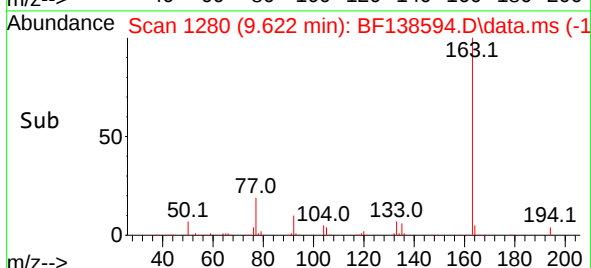
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#50
Dimethylphthalate
Concen: 56.259 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31



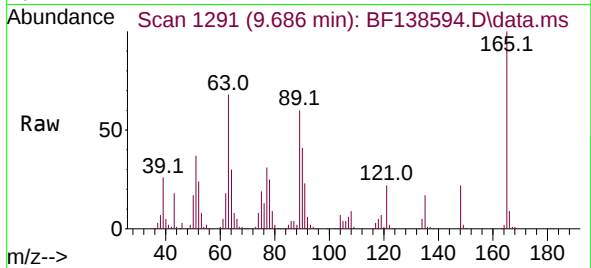
Tgt Ion:163 Resp: 625569
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 54.212 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

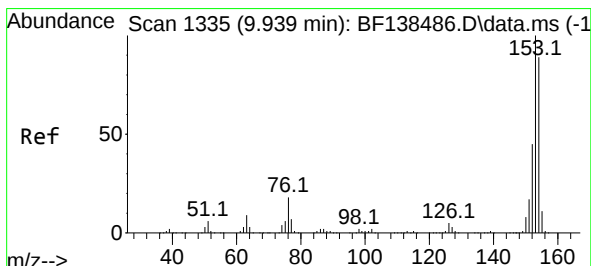
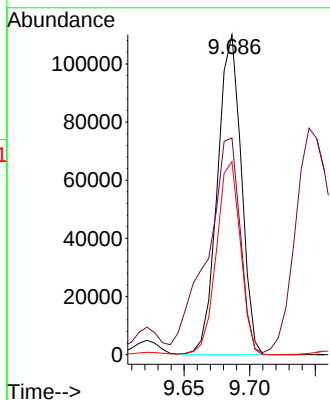
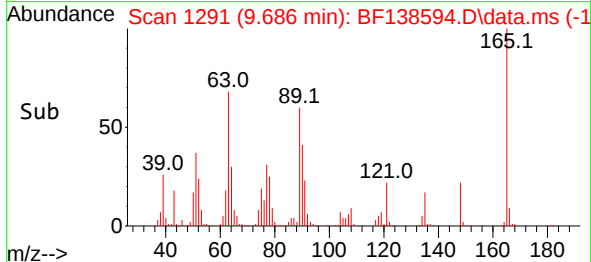
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:165 Resp: 138790
Ion Ratio Lower Upper
165 100
63 67.8 48.1 72.1
89 60.3 43.0 64.6

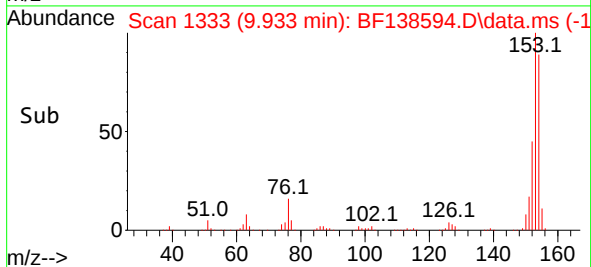
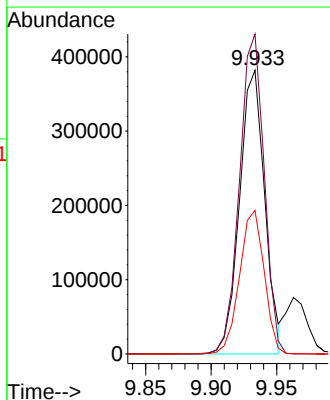
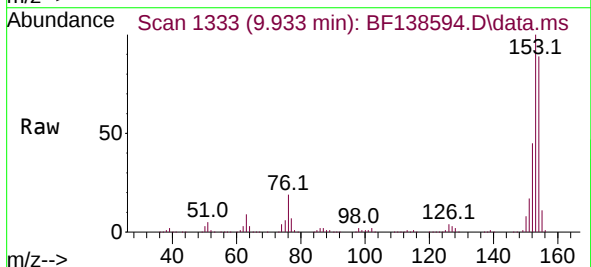
Manual Integrations
APPROVED

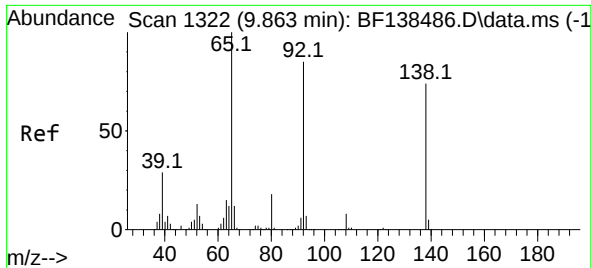
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#52
Acenaphthene
Concen: 55.018 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

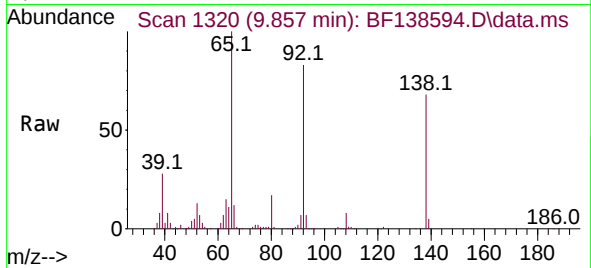
Tgt Ion:154 Resp: 511203
Ion Ratio Lower Upper
154 100
153 112.8 90.4 135.6
152 50.6 41.1 61.7





#53
3-Nitroaniline
Concen: 45.764 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

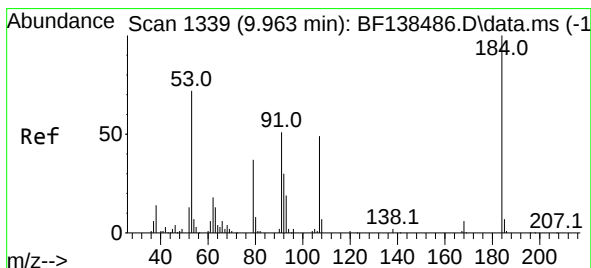
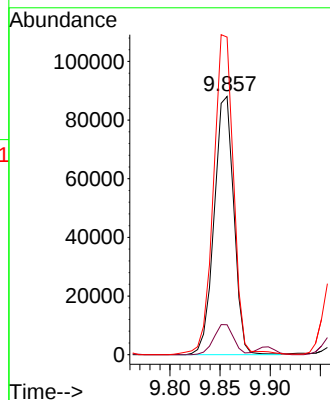
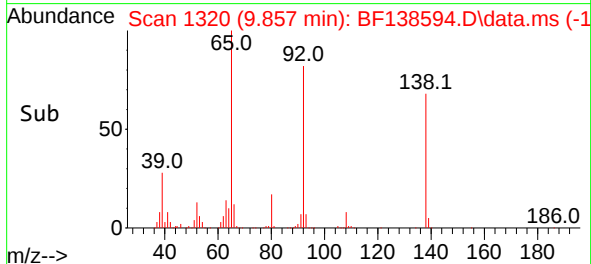
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:138 Resp: 120089
Ion Ratio Lower Upper
138 100
108 11.6 8.3 12.5
92 123.0 92.6 138.8

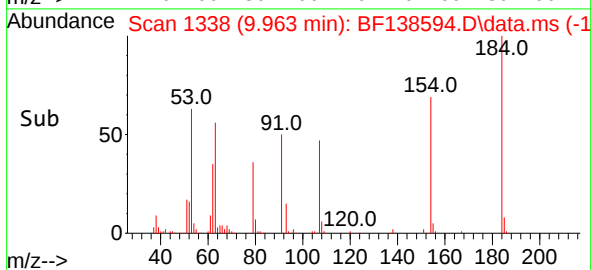
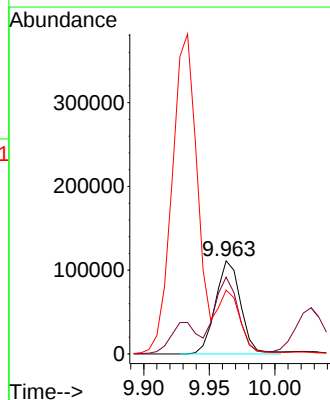
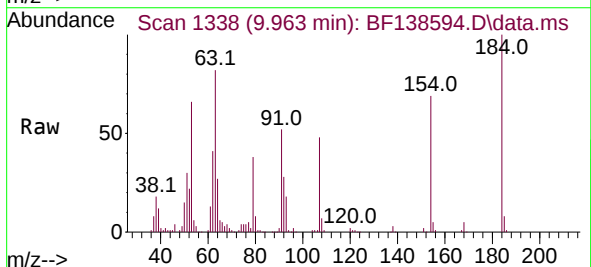
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#54
2,4-Dinitrophenol
Concen: 106.533 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

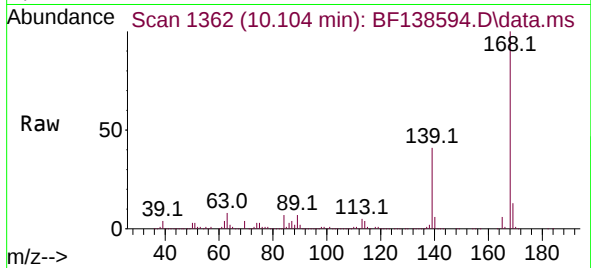
Tgt Ion:184 Resp: 148641
Ion Ratio Lower Upper
184 100
63 82.5 70.6 106.0
154 68.5 53.8 80.6





#55
Dibenzenofuran
Concen: 55.592 ng
RT: 10.104 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

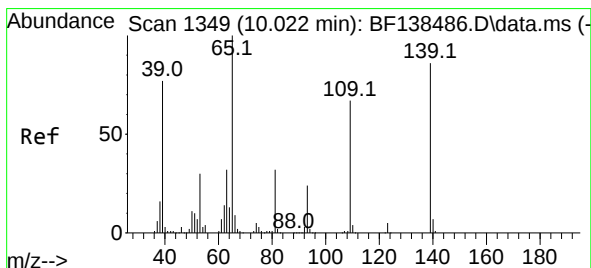
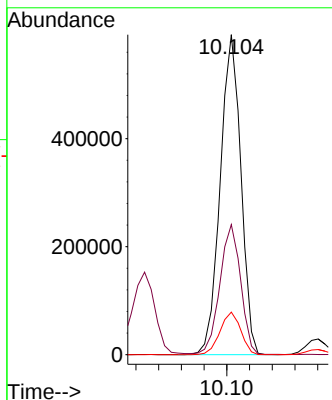
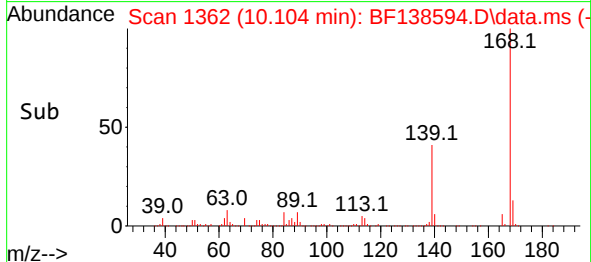
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:168 Resp: 749209
Ion Ratio Lower Upper
168 100
139 40.6 32.4 48.6
169 13.3 10.9 16.3

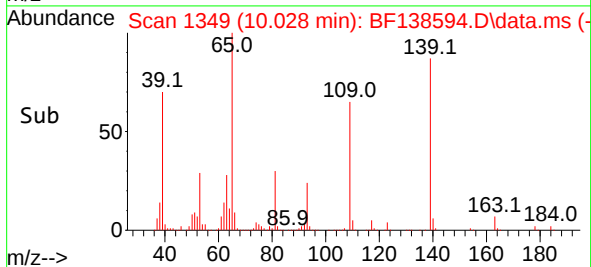
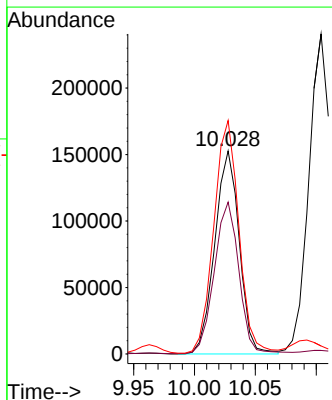
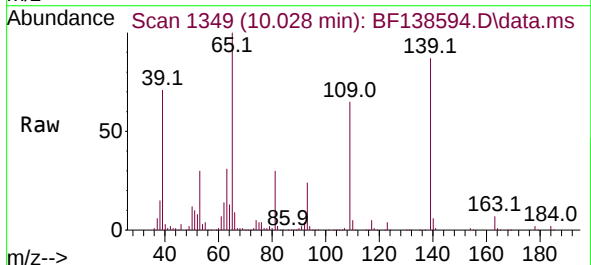
Manual Integrations
APPROVED

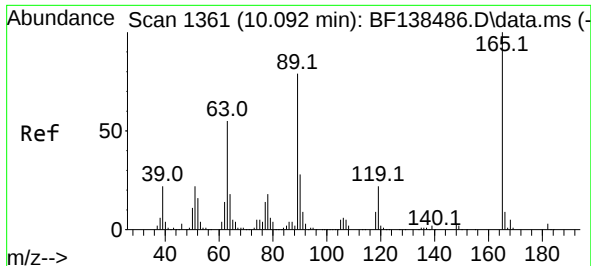
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#56
4-Nitrophenol
Concen: 110.417 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

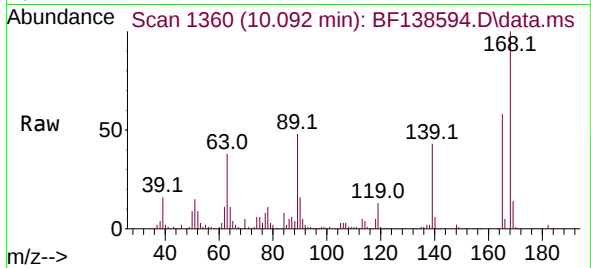
Tgt Ion:139 Resp: 213788
Ion Ratio Lower Upper
139 100
109 74.8 58.1 98.1
65 115.0 96.9 136.9





#57
2,4-Dinitrotoluene
Concen: 57.509 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

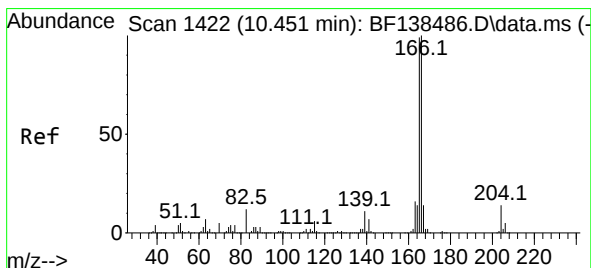
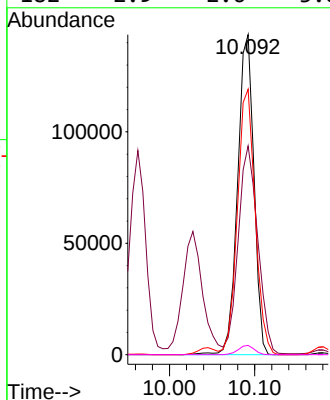
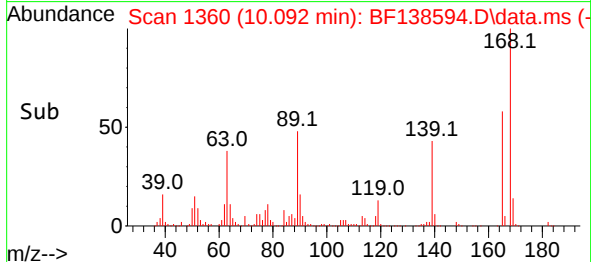
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:165 Resp: 190509
Ion Ratio Lower Upper
165 100
63 65.2 44.6 66.8
89 82.9 63.4 95.2
182 2.9 2.6 3.8

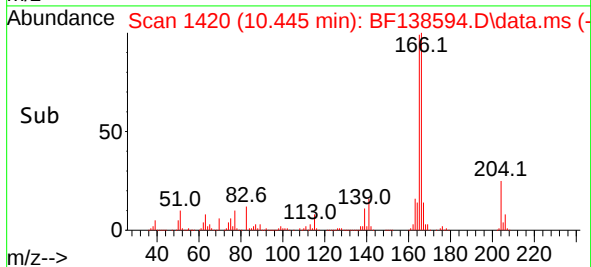
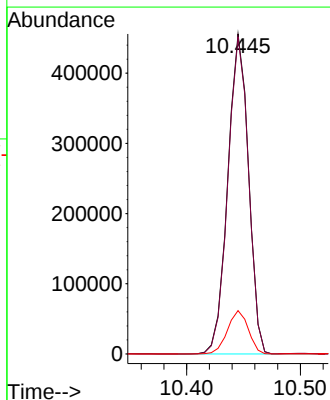
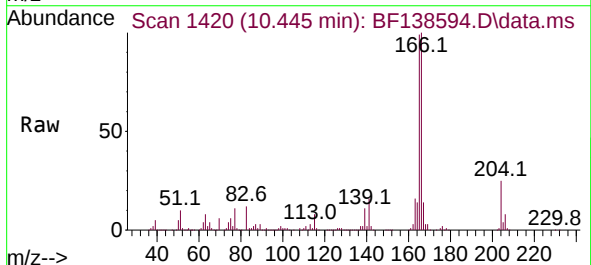
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#58
Fluorene
Concen: 54.208 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

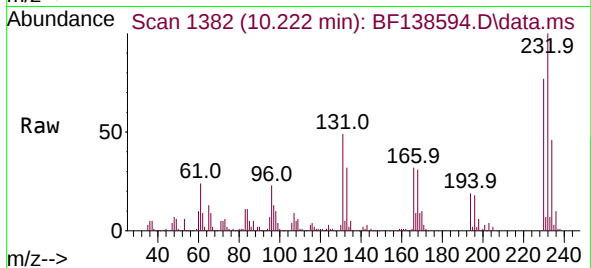
Tgt Ion:166 Resp: 578054
Ion Ratio Lower Upper
166 100
165 99.1 79.1 118.7
167 13.5 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.429 ng
RT: 10.222 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

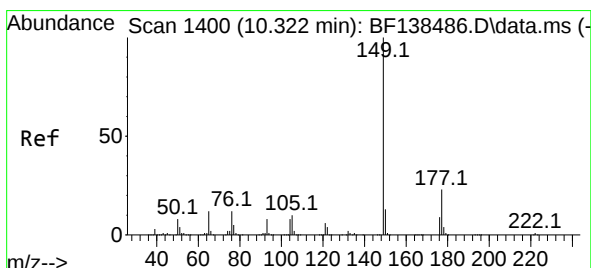
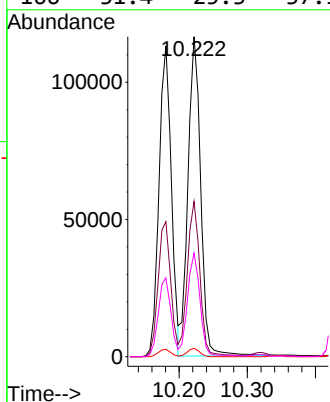
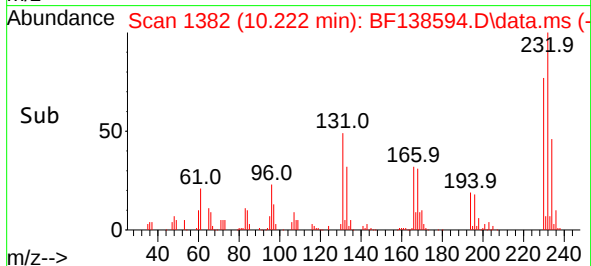
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:232 Resp: 149748
Ion Ratio Lower Upper
232 100
131 48.1 37.5 56.3
130 2.5 2.0 3.0
166 31.4 25.3 37.9

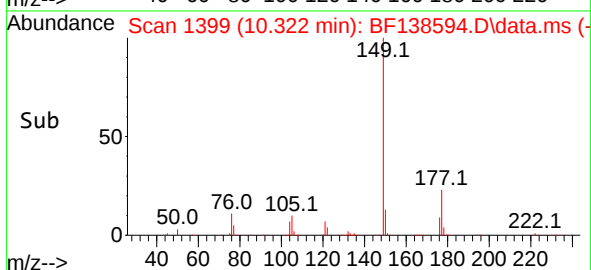
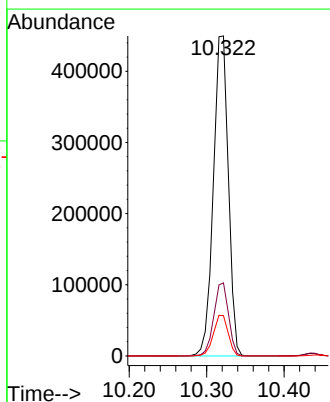
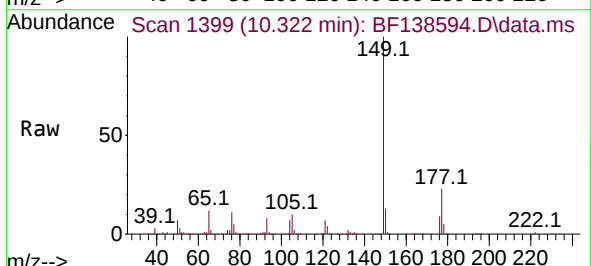
Manual Integrations
APPROVED

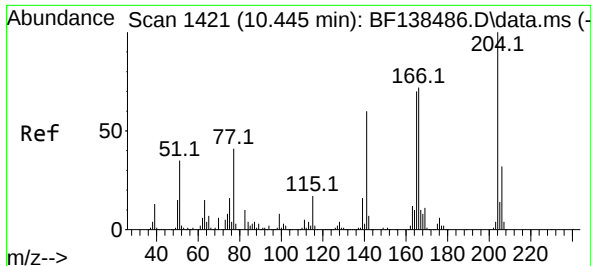
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#60
Diethylphthalate
Concen: 56.663 ng
RT: 10.322 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

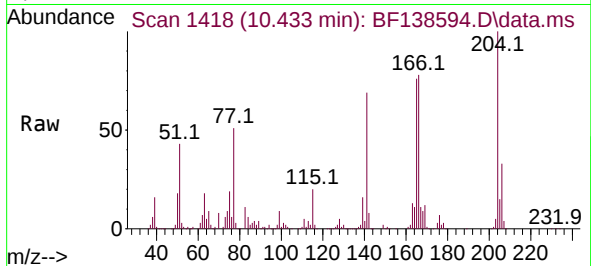
Tgt Ion:149 Resp: 607408
Ion Ratio Lower Upper
149 100
177 22.8 18.5 27.7
150 12.6 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 51.086 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

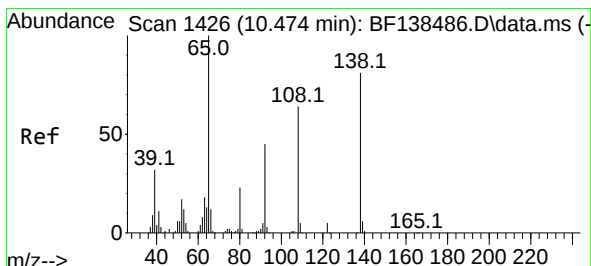
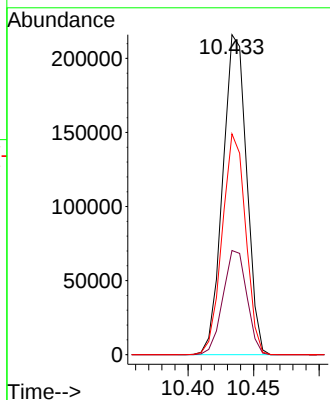
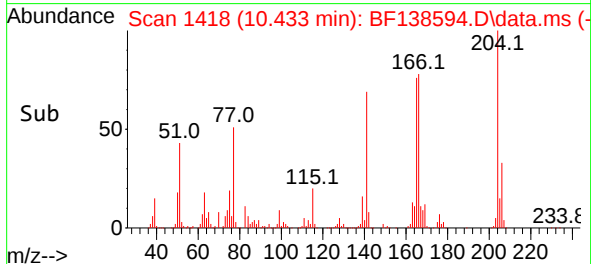
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:204 Resp: 27355
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 69.0 47.7 71.5

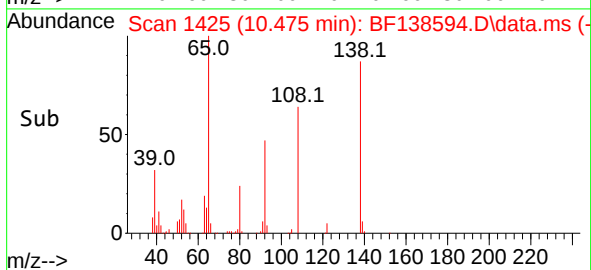
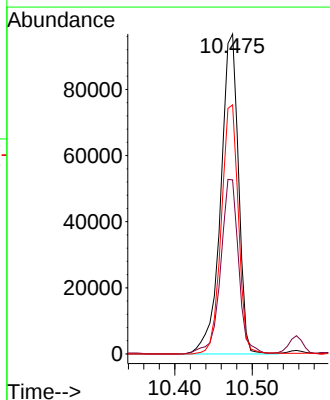
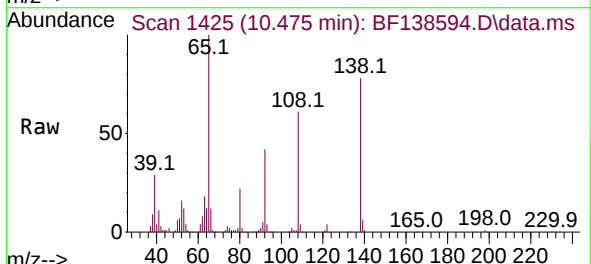
Manual Integrations
APPROVED

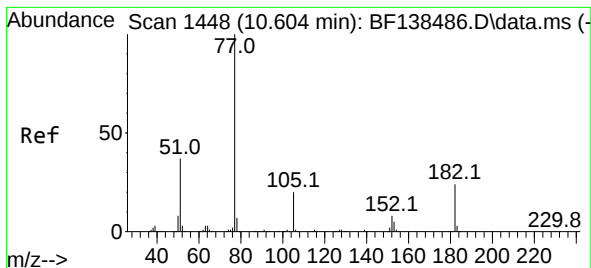
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#62
4-Nitroaniline
Concen: 58.721 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

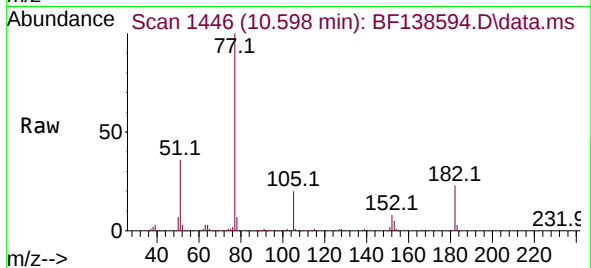
Tgt Ion:138 Resp: 154409
Ion Ratio Lower Upper
138 100
92 54.4 35.8 75.8
108 77.9 59.8 99.8





#63
Azobenzene
Concen: 58.334 ng
RT: 10.598 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

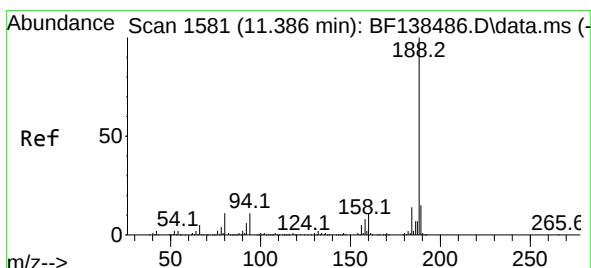
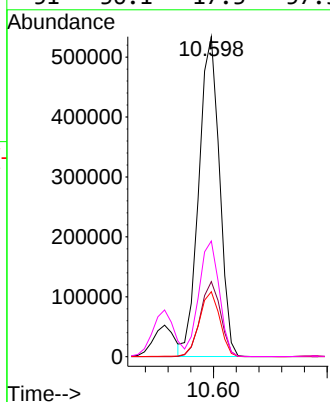
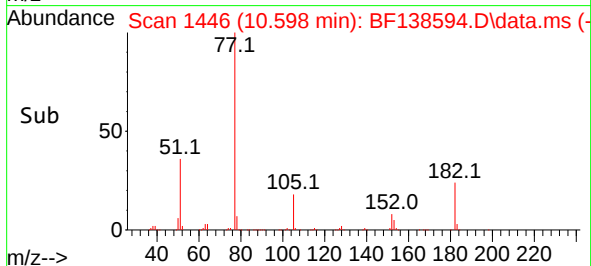
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



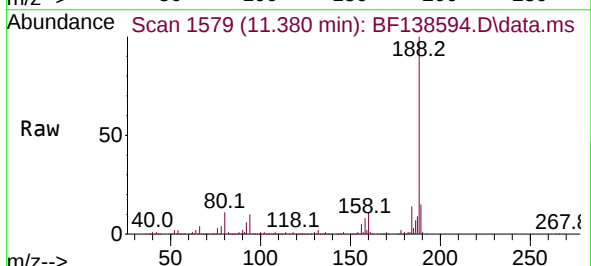
Tgt Ion: 77 Resp: 672305
Ion Ratio Lower Upper
77 100
182 23.5 3.8 43.8
105 20.3 0.0 39.8
51 36.1 17.3 57.3

Manual Integrations
APPROVED

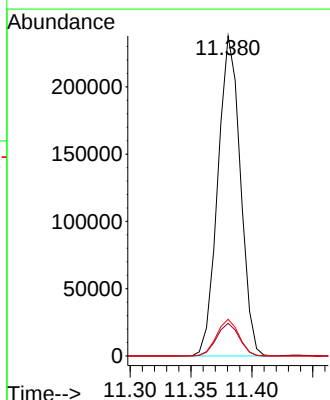
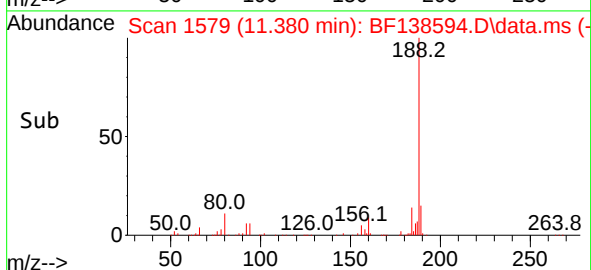
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31



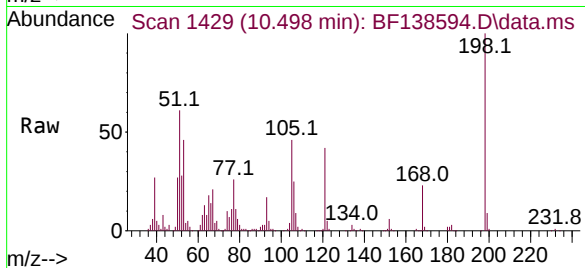
Tgt Ion:188 Resp: 306242
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 11.5 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 63.408 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

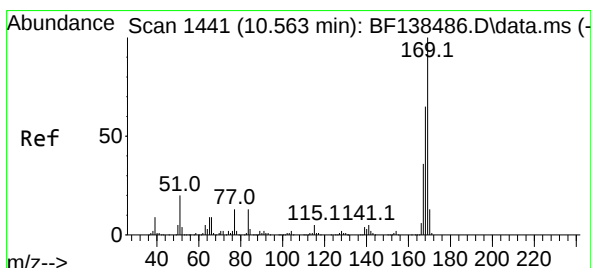
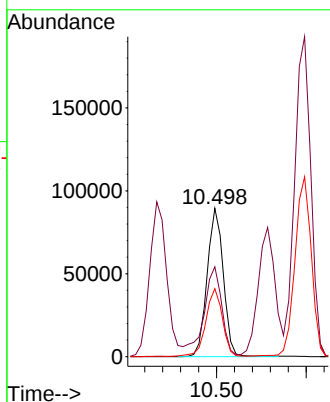
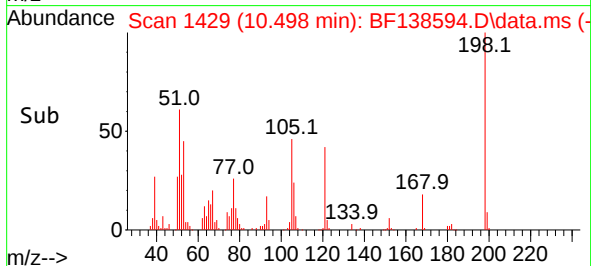
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



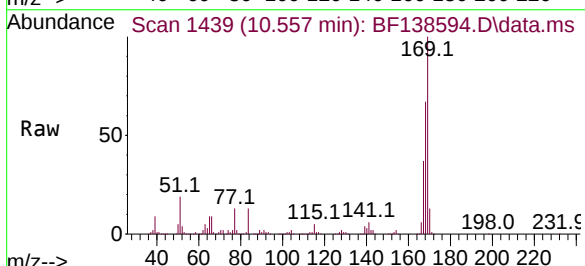
Tgt Ion:198 Resp: 11212
Ion Ratio Lower Upper
198 100
51 60.6 27.2 67.2
105 45.9 18.5 58.5

Manual Integrations
APPROVED

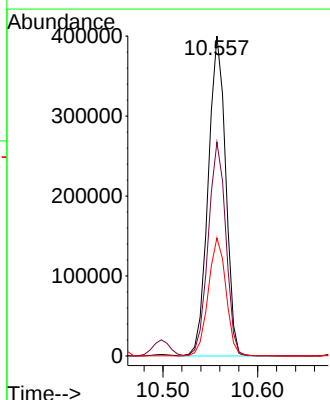
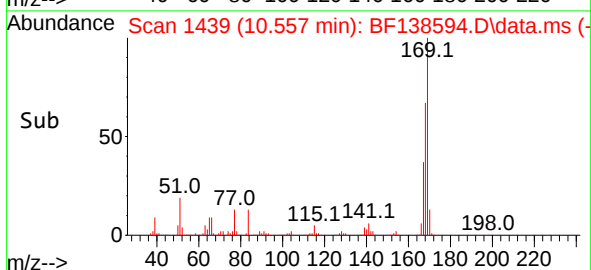
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

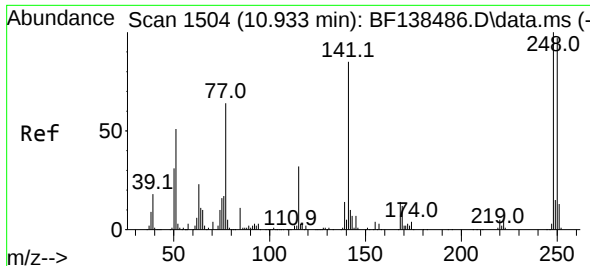


#66
n-Nitrosodiphenylamine
Concen: 55.678 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31



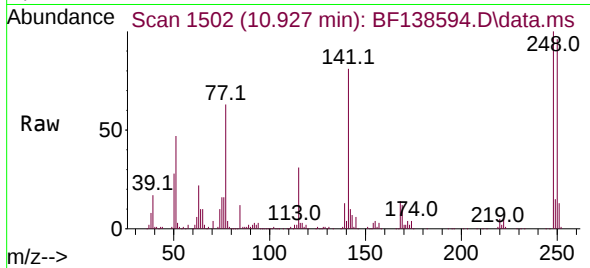
Tgt Ion:169 Resp: 510856
Ion Ratio Lower Upper
169 100
168 66.8 51.7 77.5
167 36.9 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 53.356 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

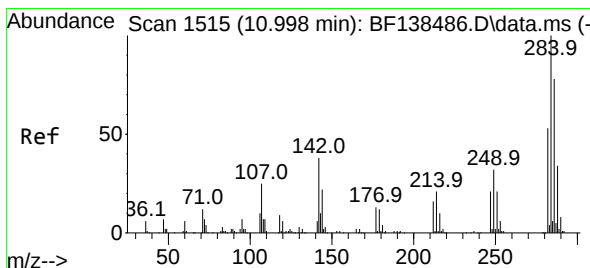
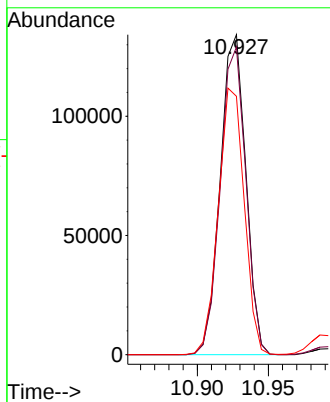
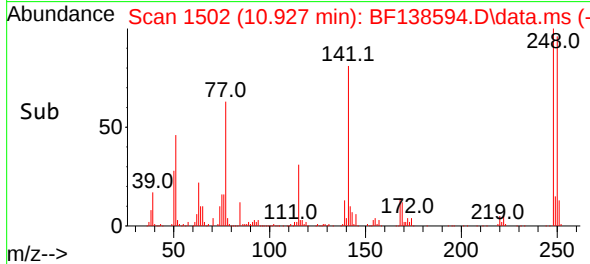
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



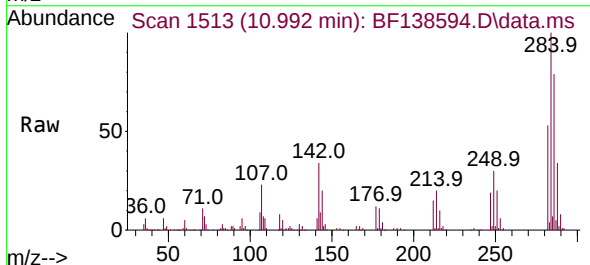
Tgt Ion:248 Resp: 16794
Ion Ratio Lower Upper
248 100
250 96.1 77.9 116.9
141 80.8 67.7 101.5

Manual Integrations
APPROVED

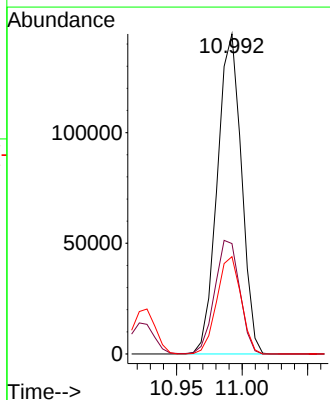
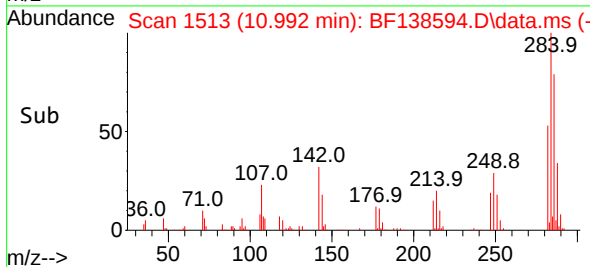
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#68
Hexachlorobenzene
Concen: 52.852 ng
RT: 10.992 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31



Tgt Ion:284 Resp: 184808
Ion Ratio Lower Upper
284 100
142 34.5 30.5 45.7
249 30.4 25.9 38.9





#69

Atrazine

Concen: 51.489 ng

RT: 11.086 min Scan# 1529

Delta R.T. -0.006 min

Lab File: BF138594.D

Acq: 19 Jul 2024 17:31

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MSD

Tgt Ion:200 Resp: 15663

Ion Ratio Lower Upper

200 100

173 25.9 4.1 44.1

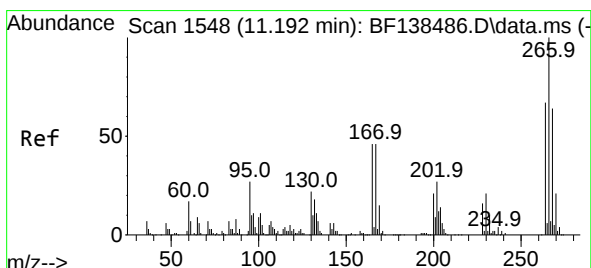
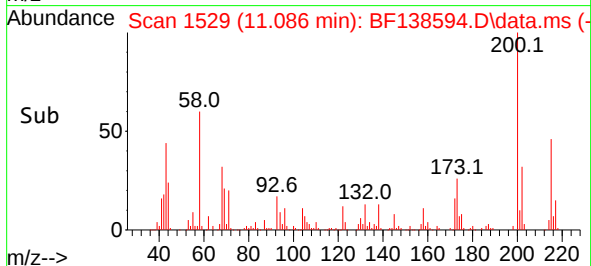
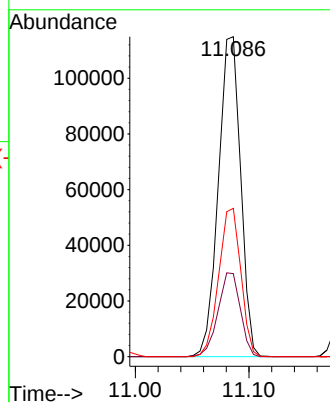
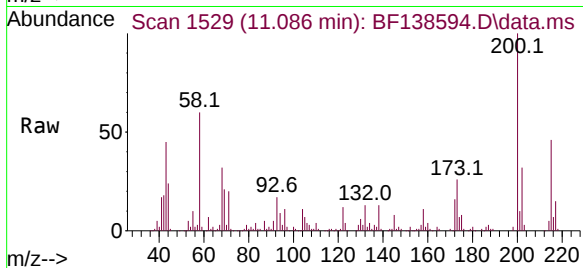
215 46.3 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#70

Pentachlorophenol

Concen: 94.460 ng

RT: 11.186 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF138594.D

Acq: 19 Jul 2024 17:31

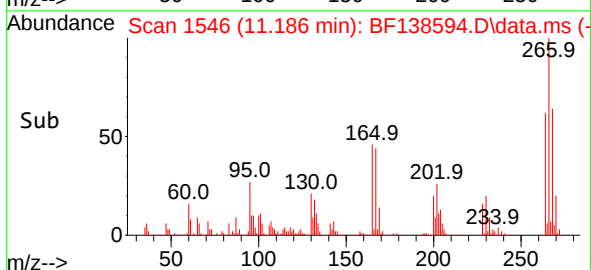
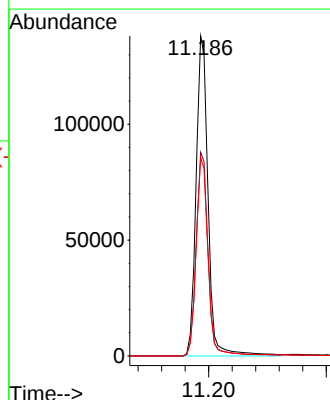
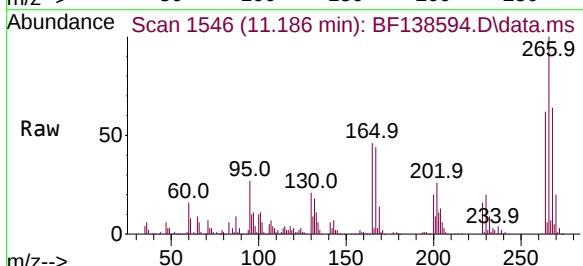
Tgt Ion:266 Resp: 195449

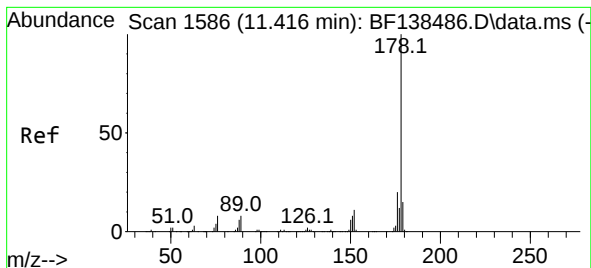
Ion Ratio Lower Upper

266 100

268 63.7 50.9 76.3

264 62.0 53.5 80.3





#71

Phenanthrene

Concen: 55.510 ng

RT: 11.410 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF138594.D

Acq: 19 Jul 2024 17:31

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MSD

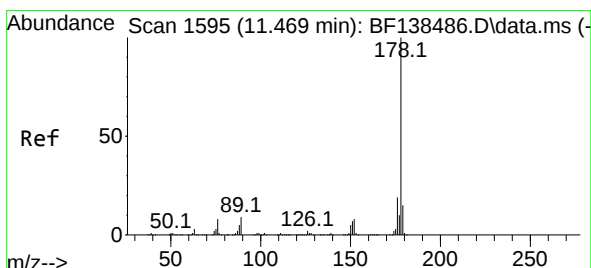
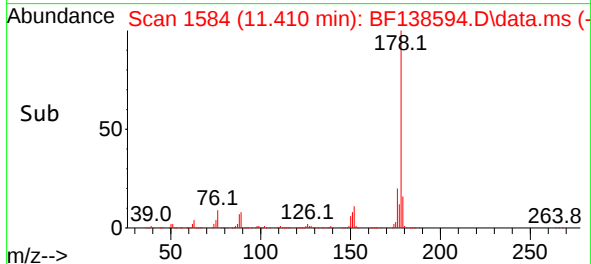
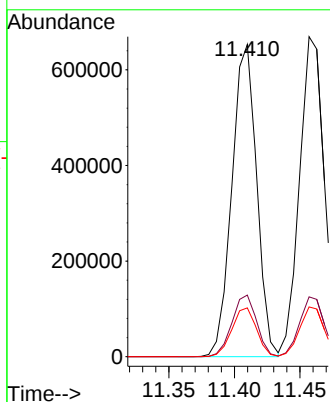
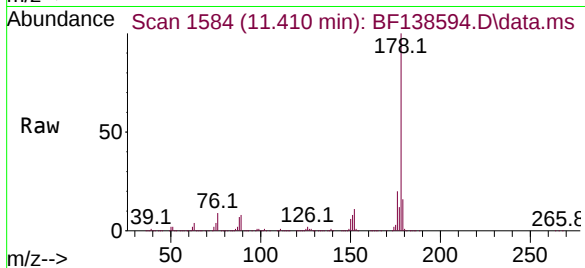
Tgt Ion:178 Resp: 858824
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.7 23.5
 179 15.6 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#72

Anthracene

Concen: 56.471 ng

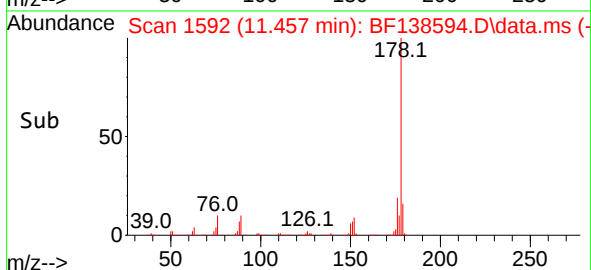
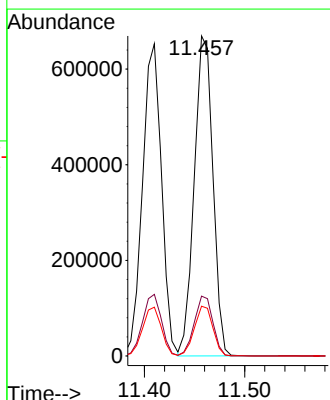
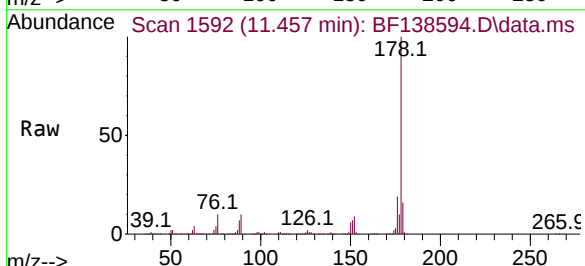
RT: 11.457 min Scan# 1592

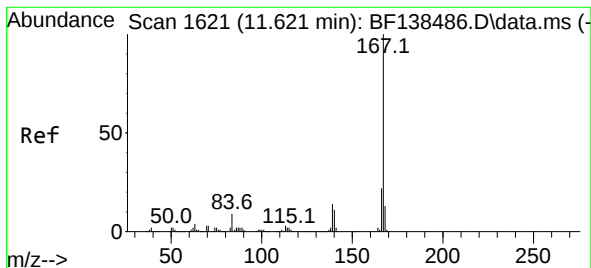
Delta R.T. -0.012 min

Lab File: BF138594.D

Acq: 19 Jul 2024 17:31

Tgt Ion:178 Resp: 867286
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.5 12.2 18.4





#73

Carbazole

Concen: 54.844 ng

RT: 11.616 min Scan# 1619

Delta R.T. -0.006 min

Lab File: BF138594.D

Acq: 19 Jul 2024 17:31

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MSD

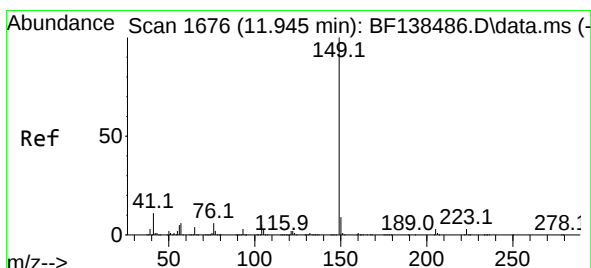
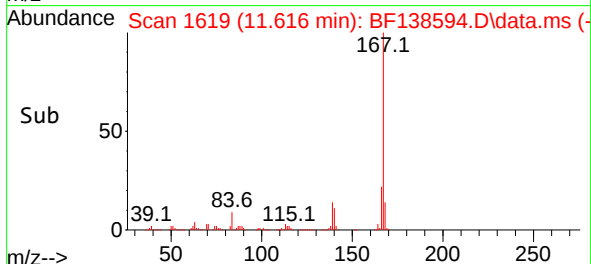
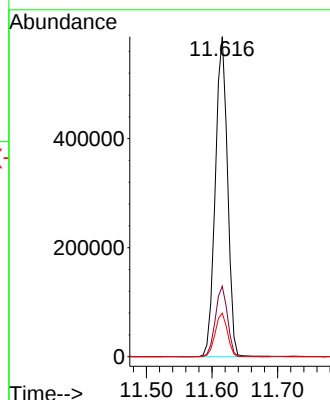
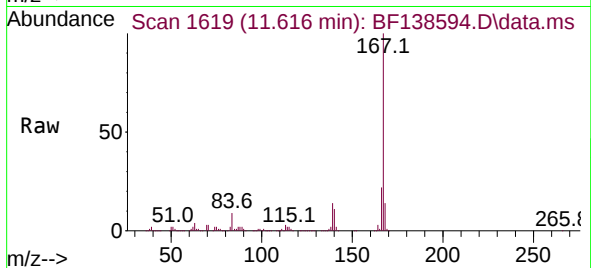
Tgt Ion:167	Resp: 75694
Ion Ratio	Lower Upper
167 100	
166 22.0	17.8 26.6
139 13.6	11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#74

Di-n-butylphthalate

Concen: 58.530 ng

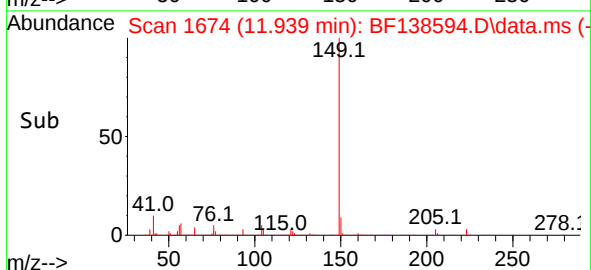
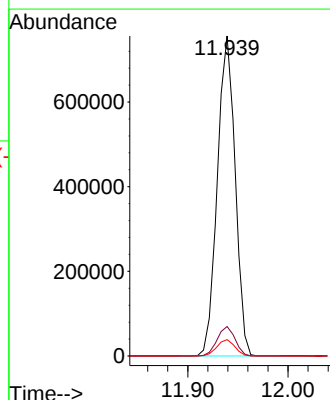
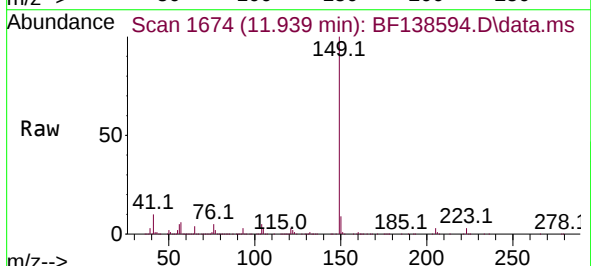
RT: 11.939 min Scan# 1674

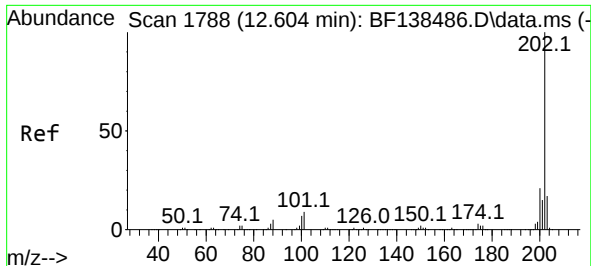
Delta R.T. -0.006 min

Lab File: BF138594.D

Acq: 19 Jul 2024 17:31

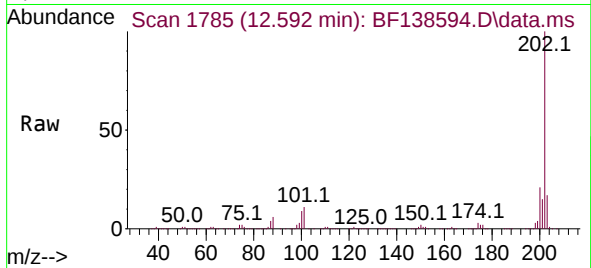
Tgt Ion:149	Resp: 931152
Ion Ratio	Lower Upper
149 100	
150 9.2	7.4 11.0
104 5.1	4.4 6.6





#75
Fluoranthene
Concen: 51.532 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

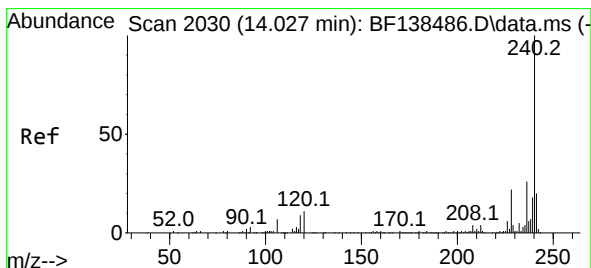
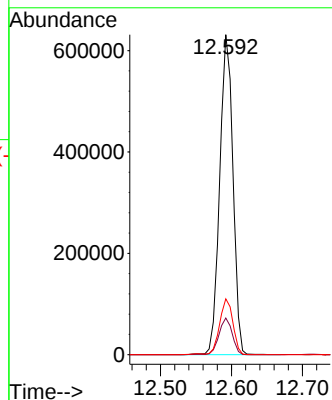
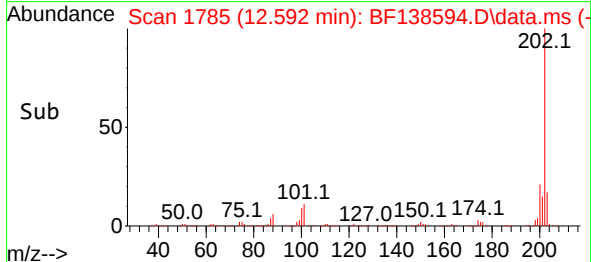
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



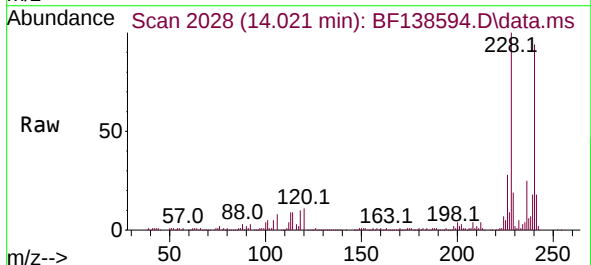
Tgt Ion:202 Resp: 81354
Ion Ratio Lower Upper
202 100
101 11.4 0.0 29.2
203 17.4 0.0 37.3

Manual Integrations
APPROVED

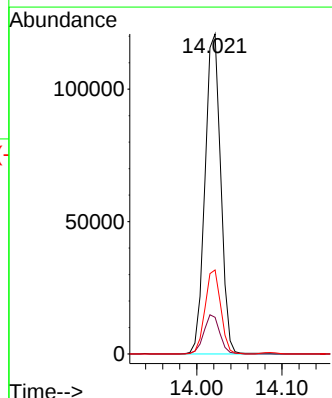
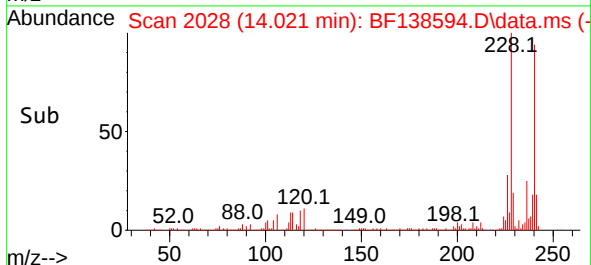
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

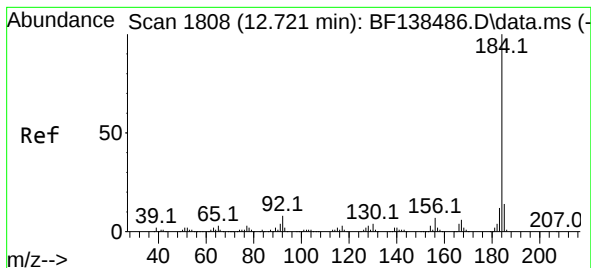


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31



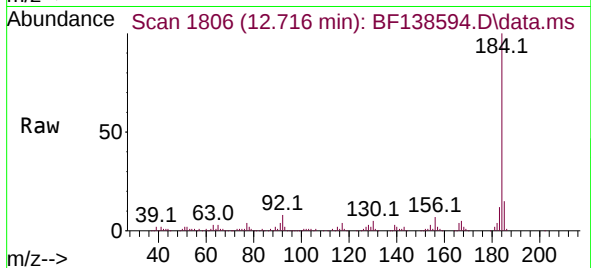
Tgt Ion:240 Resp: 154571
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 26.2 21.0 31.6





#77
Benzidine
Concen: 45.884 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.005 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

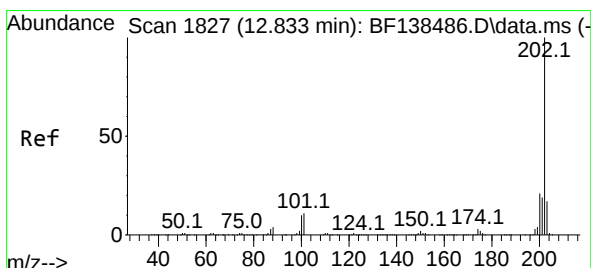
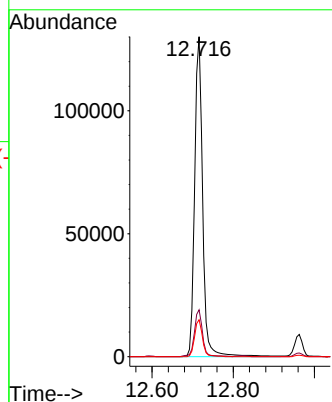
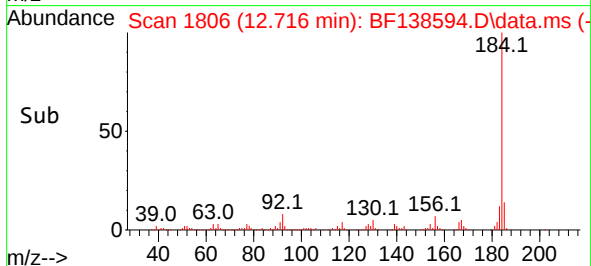
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:184 Resp: 178939
Ion Ratio Lower Upper
184 100
185 14.7 11.3 16.9
183 11.5 9.5 14.3

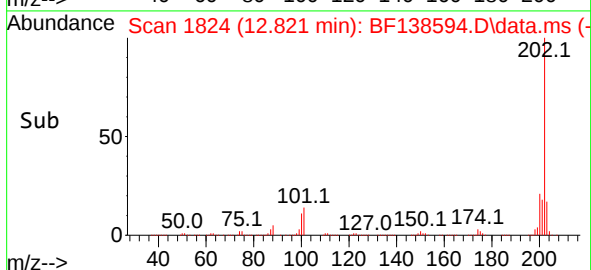
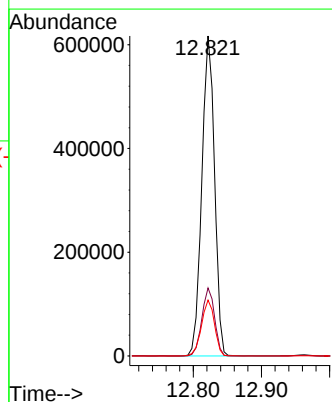
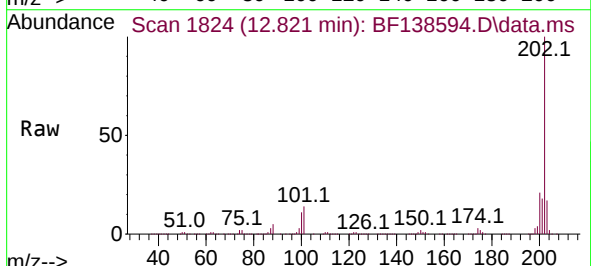
Manual Integrations
APPROVED

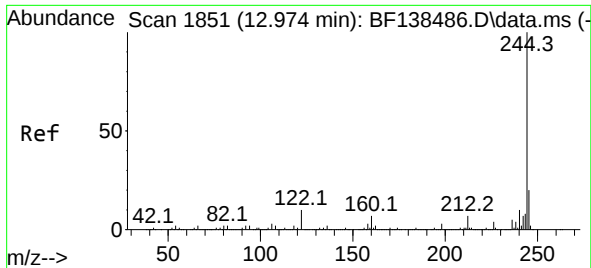
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#78
Pyrene
Concen: 51.111 ng
RT: 12.821 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

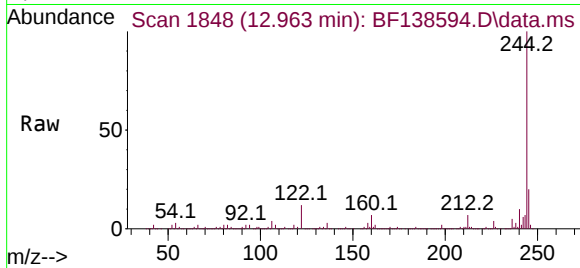
Tgt Ion:202 Resp: 801980
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.5 13.7 20.5





#79
 Terphenyl-d14
 Concen: 87.014 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. -0.012 min
 Lab File: BF138594.D
 Acq: 19 Jul 2024 17:31

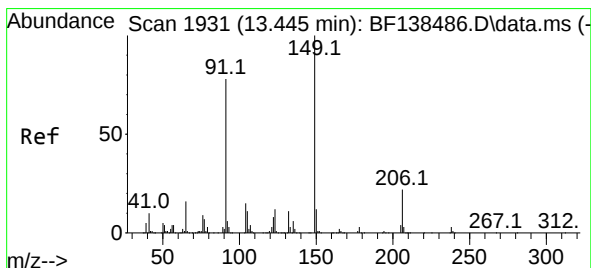
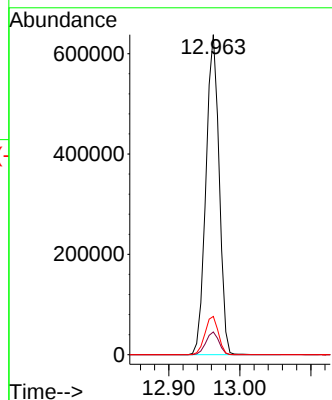
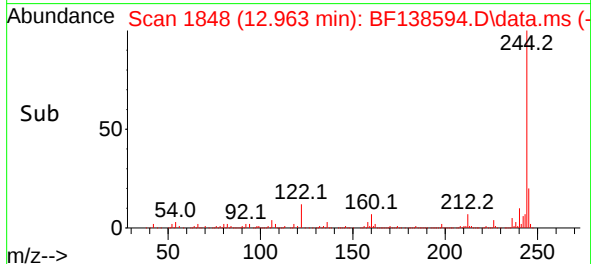
Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-1MSD



Tgt Ion:244 Resp: 825594
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 11.9 7.8 11.8

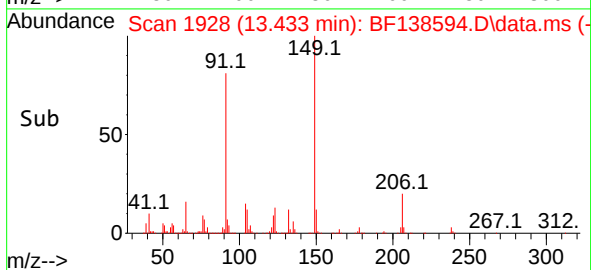
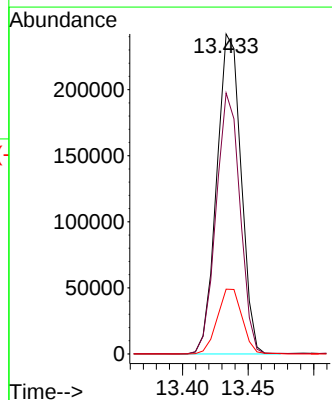
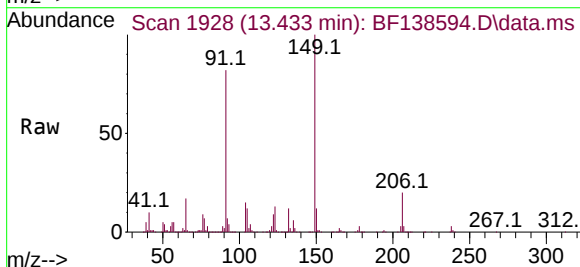
Manual Integrations
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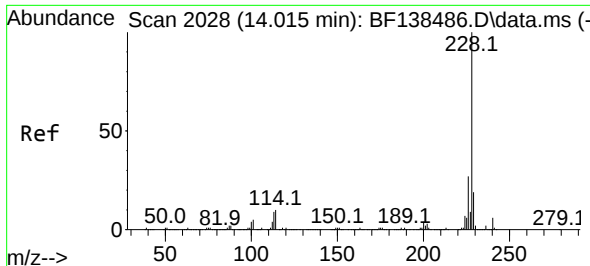
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024



#80
 Butylbenzylphthalate
 Concen: 66.009 ng
 RT: 13.433 min Scan# 1928
 Delta R.T. -0.012 min
 Lab File: BF138594.D
 Acq: 19 Jul 2024 17:31

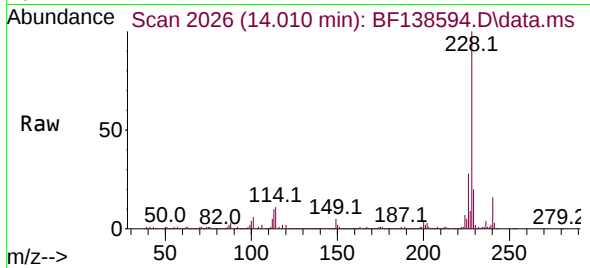
Tgt Ion:149 Resp: 311572
 Ion Ratio Lower Upper
 149 100
 91 81.5 62.1 93.1
 206 20.3 18.0 27.0





#81
Benzo(a)anthracene
Concen: 58.190 ng
RT: 14.010 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

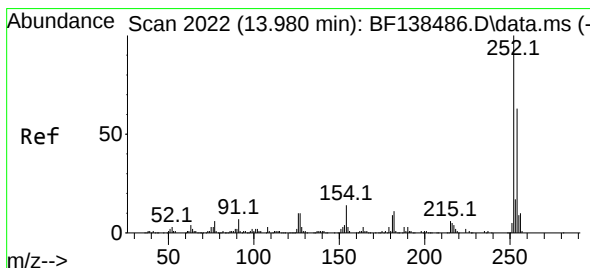
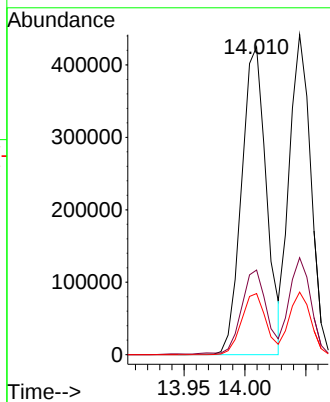
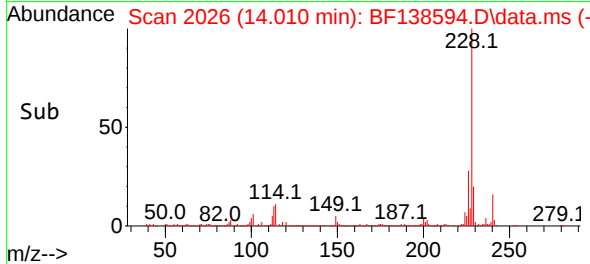
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



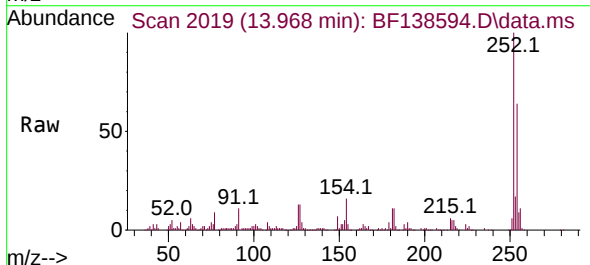
Tgt Ion:228 Resp: 60353
Ion Ratio Lower Upper
228 100
226 27.5 21.9 32.9
229 19.9 15.5 23.3

Manual Integrations
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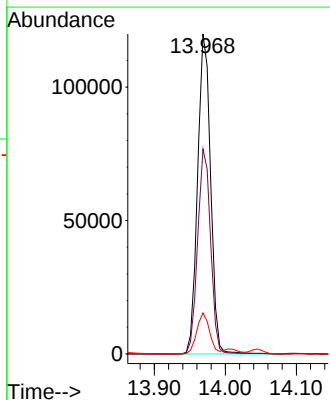
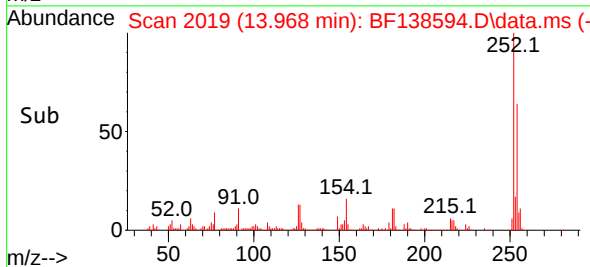
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

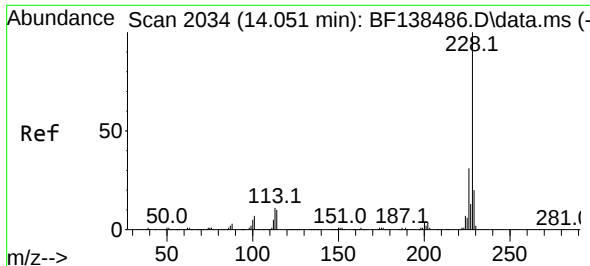


#82
3,3'-Dichlorobenzidine
Concen: 57.217 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31



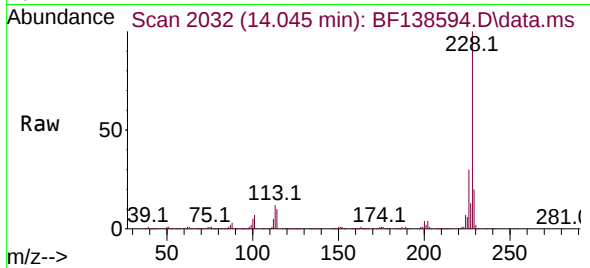
Tgt Ion:252 Resp: 152915
Ion Ratio Lower Upper
252 100
254 64.0 50.3 75.5
126 12.8 8.1 12.1#





#83
Chrysene
Concen: 55.196 ng
RT: 14.045 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

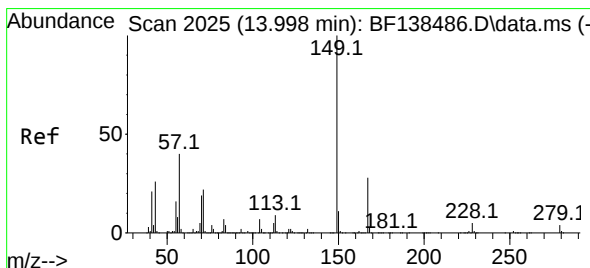
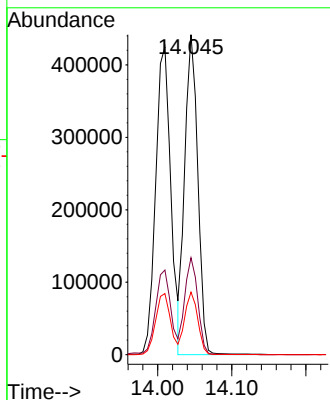
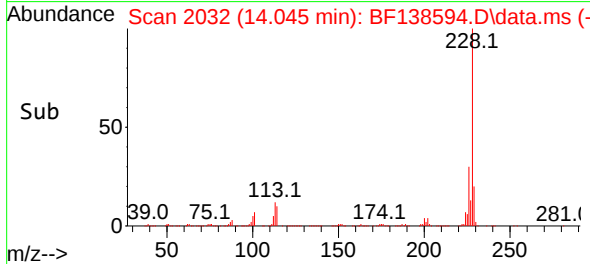
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:228 Resp: 541560
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 19.5 16.0 24.0

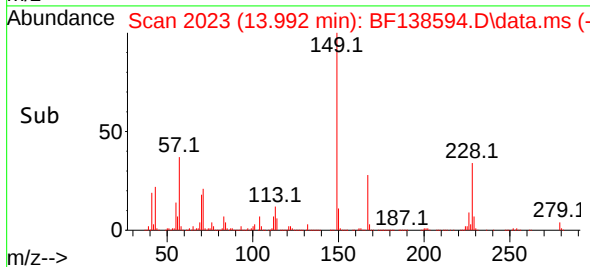
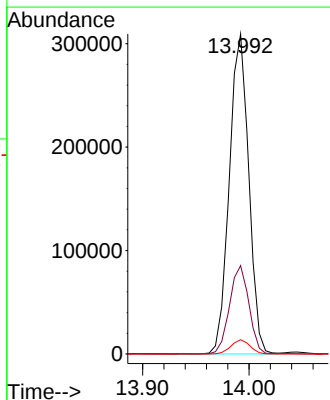
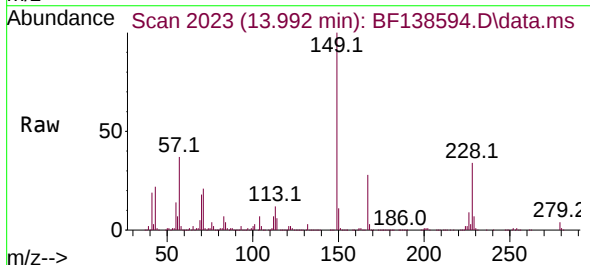
Manual Integrations
APPROVED

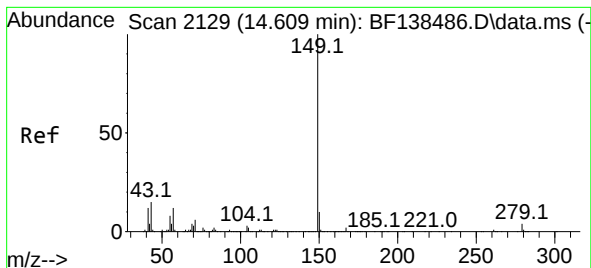
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 77.925 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

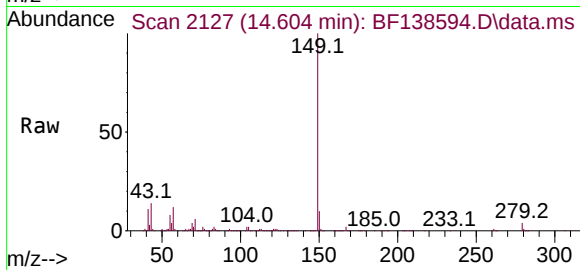
Tgt Ion:149 Resp: 392285
Ion Ratio Lower Upper
149 100
167 27.6 22.5 33.7
279 4.4 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 76.018 ng
RT: 14.604 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

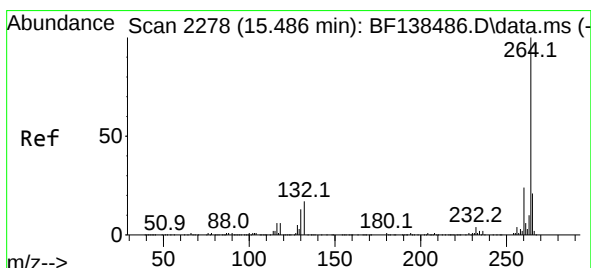
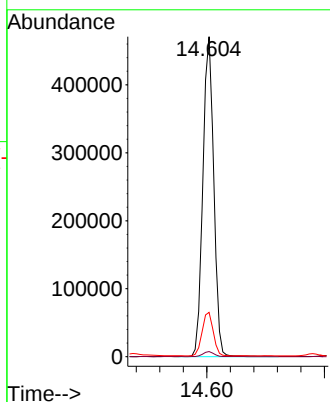
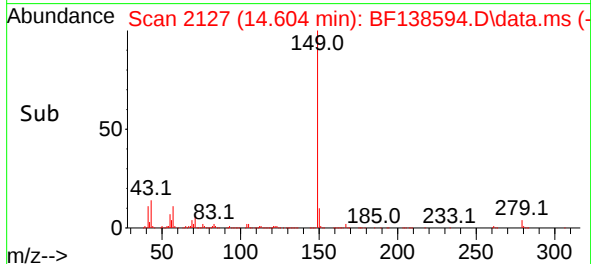
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



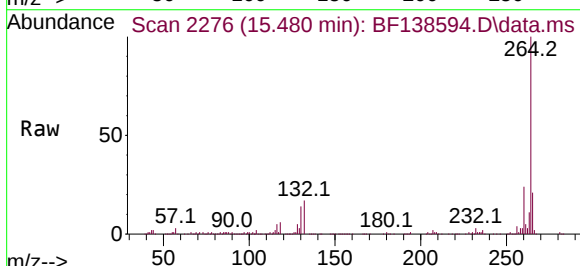
Tgt Ion:149 Resp: 604549
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.8 10.7 16.1

Manual Integrations
APPROVED

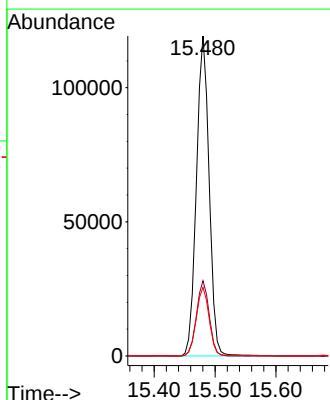
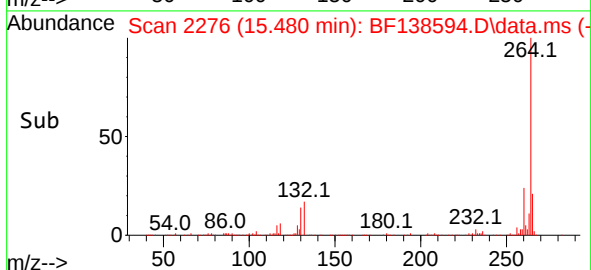
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

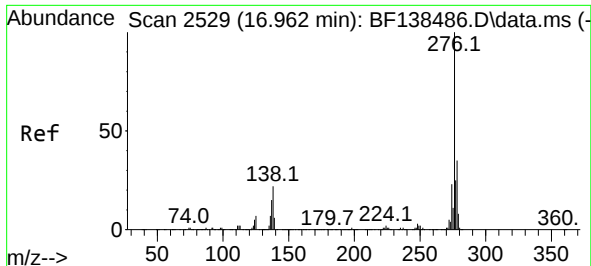


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31



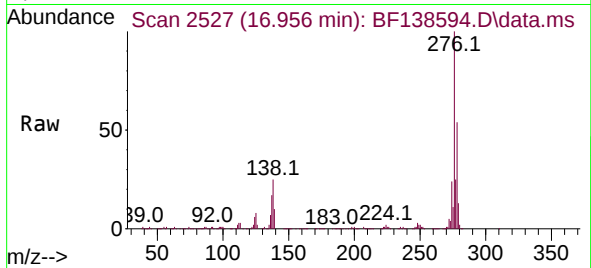
Tgt Ion:264 Resp: 173141
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 21.4 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.011 ng
RT: 16.956 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

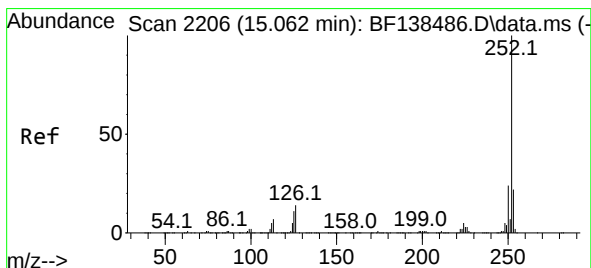
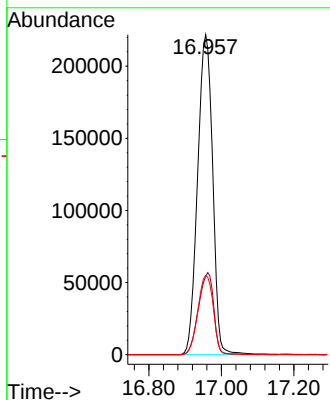
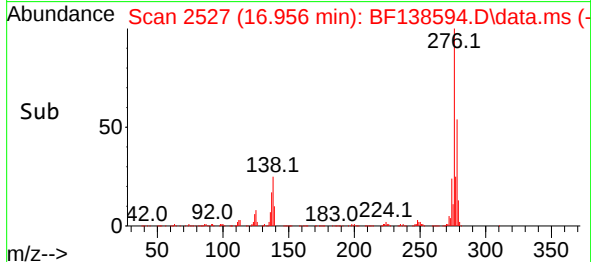
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:276 Resp: 639772
Ion Ratio Lower Upper
276 100
138 26.0 19.6 29.4
277 25.5 20.5 30.7

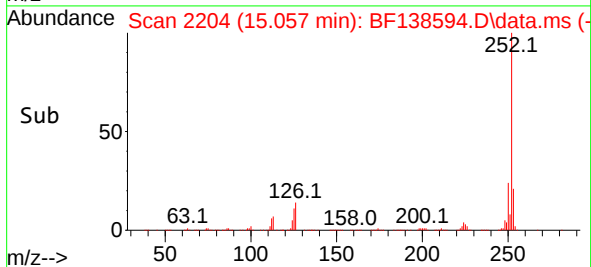
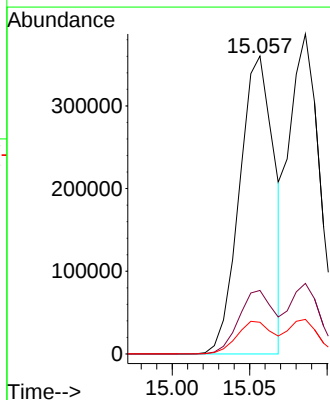
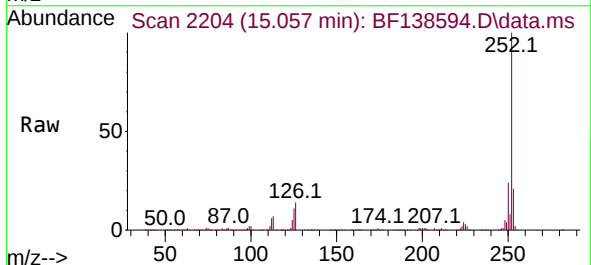
Manual Integrations
APPROVED

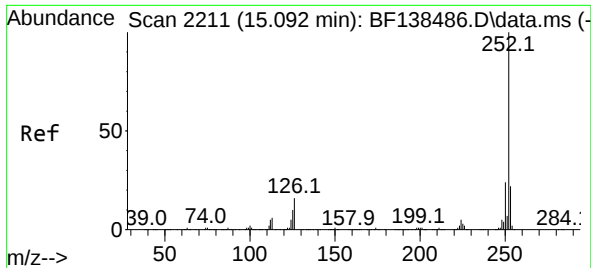
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#88
Benzo(b)fluoranthene
Concen: 57.416 ng
RT: 15.057 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

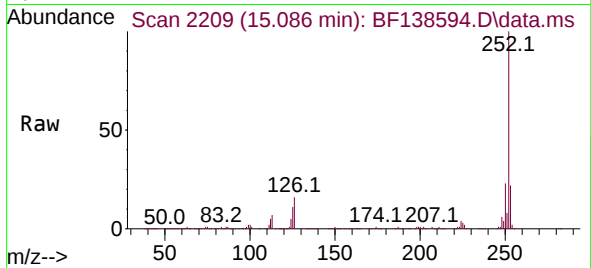
Tgt Ion:252 Resp: 559848
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 10.7 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 55.273 ng
RT: 15.086 min Scan# 2211
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

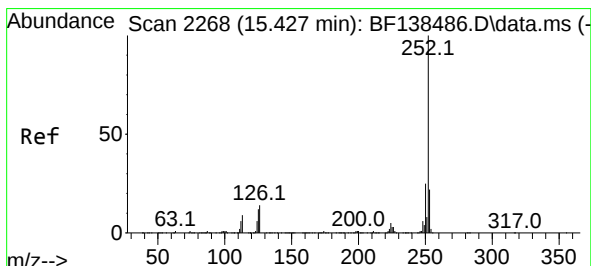
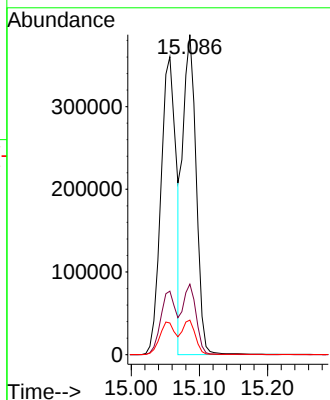
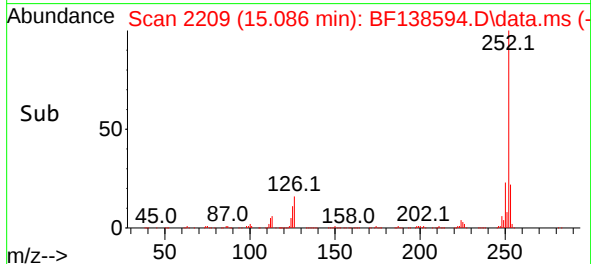
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



Tgt Ion:252 Resp: 525640
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.8 8.1 12.1

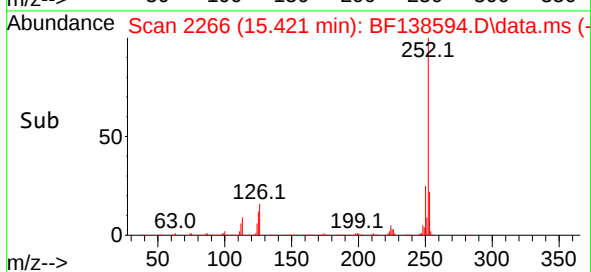
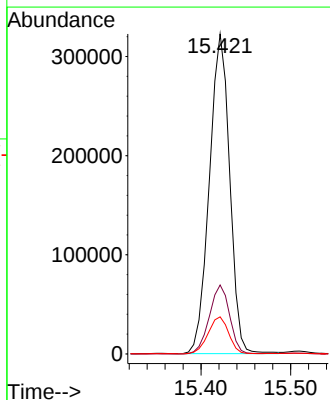
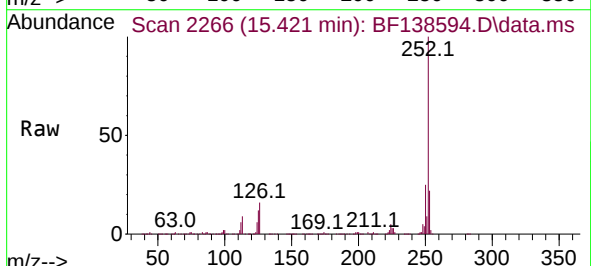
Manual Integrations
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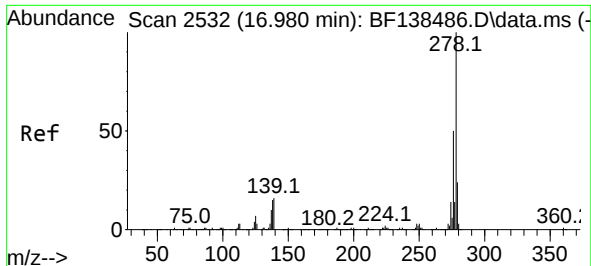
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#90
Benzo(a)pyrene
Concen: 59.280 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

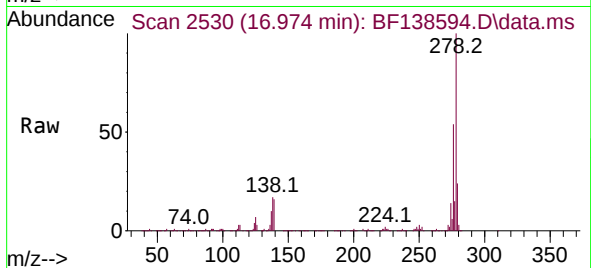
Tgt Ion:252 Resp: 507774
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 11.6 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 53.132 ng
RT: 16.974 min Scan# 2532
Delta R.T. -0.006 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31

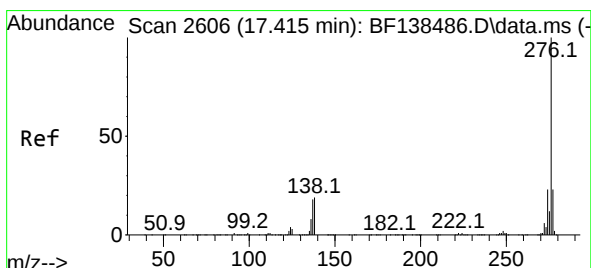
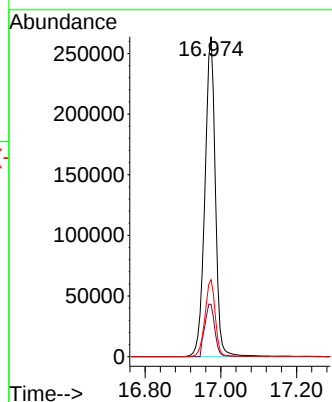
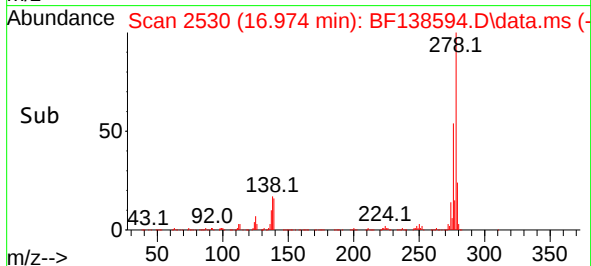
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MSD



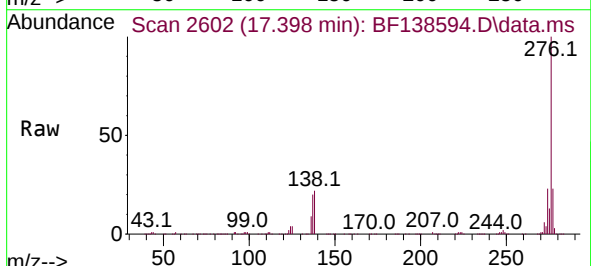
Tgt Ion:278 Resp: 50546
Ion Ratio Lower Upper
278 100
139 16.4 12.8 19.2
279 24.1 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#92
Benzo(g,h,i)perylene
Concen: 47.715 ng
RT: 17.398 min Scan# 2602
Delta R.T. -0.018 min
Lab File: BF138594.D
Acq: 19 Jul 2024 17:31



Tgt Ion:276 Resp: 481342
Ion Ratio Lower Upper
276 100
277 23.4 18.0 27.0
138 21.9 15.5 23.3

