

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138593.D
 Acq On : 19 Jul 2024 17:01
 Operator : RC/JU
 Sample : P3193-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-1MS

Quant Time: Jul 19 17:52:47 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	68740	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	284013	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	155546	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	276793	20.000	ng	0.00
76) Chrysene-d12	14.021	240	142754	20.000	ng	0.00
86) Perylene-d12	15.480	264	163501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	510334	117.580	ng	0.00
7) Phenol-d6	6.498	99	701574	121.508	ng	0.00
23) Nitrobenzene-d5	7.422	82	451558	78.061	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	176763	121.593	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	755775	75.939	ng	-0.01
79) Terphenyl-d14	12.963	244	761992	86.959	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	90677	47.171	ng	98
3) Pyridine	3.446	79	230067	48.532	ng	98
4) n-Nitrosodimethylamine	3.399	42	177547	57.534	ng	91
6) Aniline	6.522	93	263677	48.756	ng	# 58
8) 2-Chlorophenol	6.645	128	271363	59.128	ng	97
9) Benzaldehyde	6.410	77	29806	9.644	ng	96
10) Phenol	6.510	94	362649	59.172	ng	95
11) bis(2-Chloroethyl)ether	6.598	93	263280	57.057	ng	99
12) 1,3-Dichlorobenzene	6.798	146	272939	52.908	ng	98
13) 1,4-Dichlorobenzene	6.875	146	277273	52.929	ng	99
14) 1,2-Dichlorobenzene	7.028	146	265219	54.358	ng	97
15) Benzyl Alcohol	7.004	79	260023	60.008	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	496860	54.756	ng	73
17) 2-Methylphenol	7.116	107	217616	57.856	ng	96
18) Hexachloroethane	7.369	117	103153	53.563	ng	95
19) n-Nitroso-di-n-propyla...	7.275	70	203002	56.900	ng	96
20) 3+4-Methylphenols	7.269	107	270685	57.149	ng	93
22) Acetophenone	7.269	105	344257	49.908	ng	98
24) Nitrobenzene	7.445	77	307660	52.337	ng	96
25) Isophorone	7.681	82	553926	55.760	ng	99
26) 2-Nitrophenol	7.757	139	142548	56.577	ng	94
27) 2,4-Dimethylphenol	7.798	122	186548	60.242	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	326875	55.058	ng	98
29) 2,4-Dichlorophenol	8.004	162	218941	54.446	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	231208	49.356	ng	97
31) Naphthalene	8.163	128	780898	52.867	ng	99
32) Benzoic acid	7.928	122	139919	47.374	ng	98
33) 4-Chloroaniline	8.210	127	186362	35.959	ng	99
34) Hexachlorobutadiene	8.275	225	131696	45.654	ng	99
35) Caprolactam	8.586	113	69871m	53.846	ng	
36) 4-Chloro-3-methylphenol	8.698	107	255427	56.737	ng	99
37) 2-Methylnaphthalene	8.851	142	504972	53.124	ng	99
38) 1-Methylnaphthalene	8.951	142	469332	50.591	ng	98
40) 1,2,4,5-Tetrachloroben...	9.022	216	208054	47.992	ng	98
41) Hexachlorocyclopentadiene	9.004	237	169553	120.497	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	148167	53.580	ng	99

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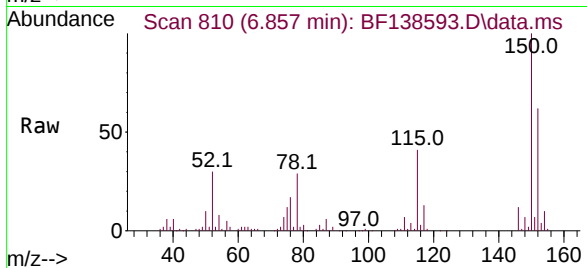
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	160002	52.606	ng	93
46) 1,1'-Biphenyl	9.316	154	595607	50.527	ng	99
47) 2-Chloronaphthalene	9.345	162	473217	53.139	ng	100
48) 2-Nitroaniline	9.439	65	187822	60.863	ng	92
49) Acenaphthylene	9.763	152	756389	59.825	ng	100
50) Dimethylphthalate	9.622	163	569097	56.582	ng	100
51) 2,6-Dinitrotoluene	9.686	165	127269	54.957	ng	93
52) Acenaphthene	9.933	154	461677	54.933	ng	100
53) 3-Nitroaniline	9.851	138	106408	44.831	ng	91
54) 2,4-Dinitrophenol	9.963	184	130183	103.300	ng	96
55) Dibenzofuran	10.104	168	673056	55.213	ng	99
56) 4-Nitrophenol	10.028	139	190494	108.771	ng	96
57) 2,4-Dinitrotoluene	10.086	165	172551	57.587	ng	96
58) Fluorene	10.445	166	532554	55.212	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	131608	54.828	ng	97
60) Diethylphthalate	10.316	149	546964	56.410	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	255705	52.794	ng	93
62) 4-Nitroaniline	10.469	138	139287	58.562	ng	99
63) Azobenzene	10.598	77	613576	58.858	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	100425	62.835	ng	82
66) n-Nitrosodiphenylamine	10.557	169	468376	56.479	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	151886	53.389	ng	97
68) Hexachlorobenzene	10.992	284	166769	52.767	ng	96
69) Atrazine	11.080	200	142112	51.687	ng	97
70) Pentachlorophenol	11.186	266	178872	95.646	ng	97
71) Phenanthrene	11.410	178	784356	56.090	ng	100
72) Anthracene	11.457	178	796609	57.388	ng	99
73) Carbazole	11.616	167	692161	55.486	ng	99
74) Di-n-butylphthalate	11.939	149	854481	59.425	ng	100
75) Fluoranthene	12.592	202	745518	52.247	ng	96
77) Benzidine	12.716	184	143429	39.823	ng	99
78) Pyrene	12.821	202	736707	50.837	ng	99
80) Butylbenzylphthalate	13.439	149	285274	65.440	ng	99
81) Benzo(a)anthracene	14.010	228	550579	57.479	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	135457	54.880	ng	# 99
83) Chrysene	14.045	228	503493	55.563	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	363279	78.137	ng	99
85) Di-n-octyl phthalate	14.604	149	561124	76.399	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	608577	55.414	ng	99
88) Benzo(b)fluoranthene	15.057	252	506047	54.958	ng	99
89) Benzo(k)fluoranthene	15.086	252	492123	54.800	ng	99
90) Benzo(a)pyrene	15.421	252	474945	58.717	ng	100
91) Dibenzo(a,h)anthracene	16.974	278	483568	53.827	ng	100
92) Benzo(g,h,i)perylene	17.398	276	461661	48.462	ng	95

(#) = 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: BF138593.D
Acq: 19 Jul 2024 17:01

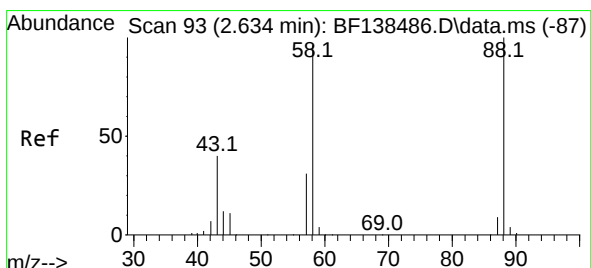
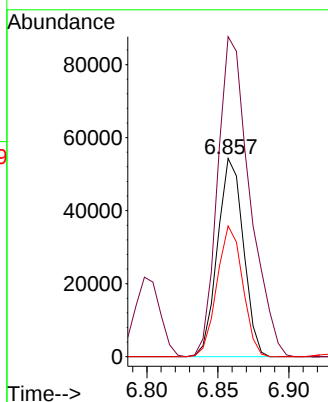
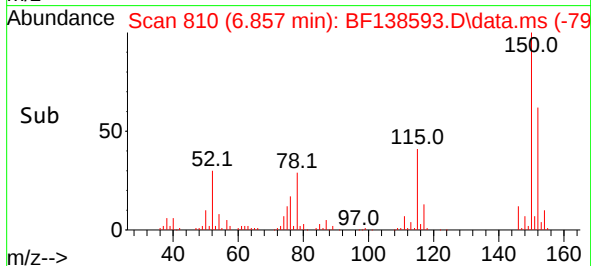
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:152 Resp: 68740
Ion Ratio Lower Upper
152 100
150 161.5 126.2 189.4
115 66.0 50.3 75.5

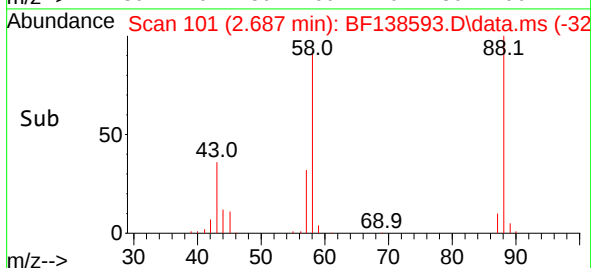
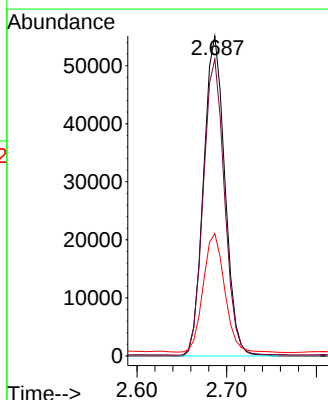
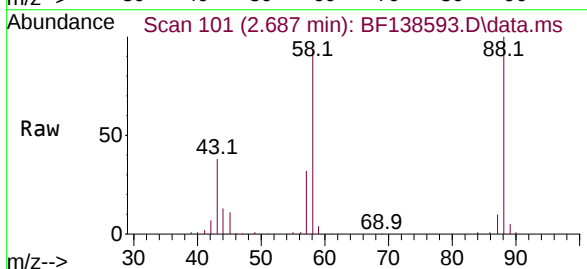
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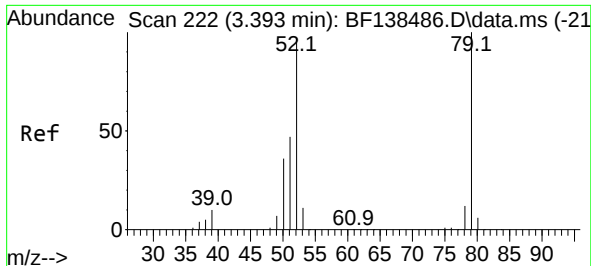
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#2
1,4-Dioxane
Concen: 47.171 ng
RT: 2.687 min Scan# 101
Delta R.T. 0.053 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

Tgt Ion: 88 Resp: 90677
Ion Ratio Lower Upper
88 100
58 91.9 74.6 112.0
43 37.7 31.8 47.6





#3

Pyridine

Concen: 48.532 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF138593.D

Acq: 19 Jul 2024 17:01

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS

Tgt Ion: 79 Resp: 23006

Ion Ratio Lower Upper

79 100

52 94.8 77.4 116.2

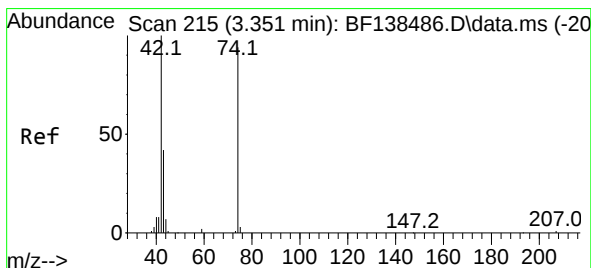
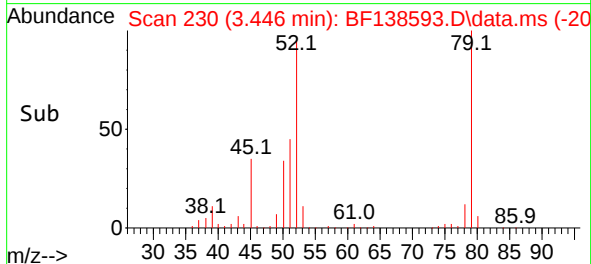
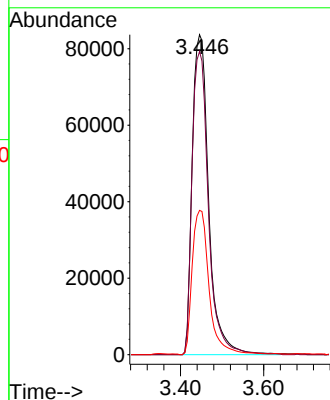
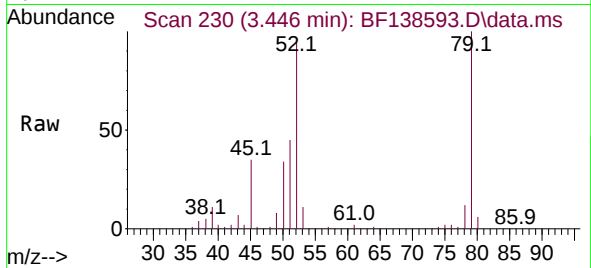
51 45.1 37.4 56.0

Manual Integrations

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Supervised By :mohammad ahmed 07/22/2024



#4

n-Nitrosodimethylamine

Concen: 57.534 ng

RT: 3.399 min Scan# 222

Delta R.T. 0.047 min

Lab File: BF138593.D

Acq: 19 Jul 2024 17:01

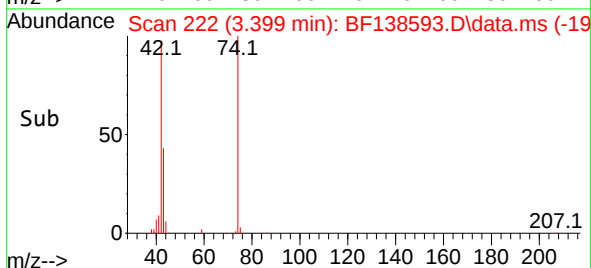
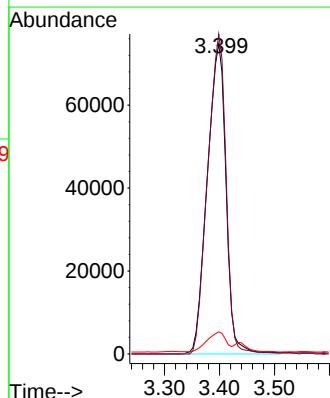
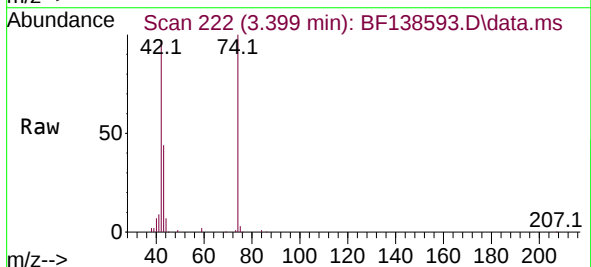
Tgt Ion: 42 Resp: 177547

Ion Ratio Lower Upper

42 100

74 103.2 75.0 112.6

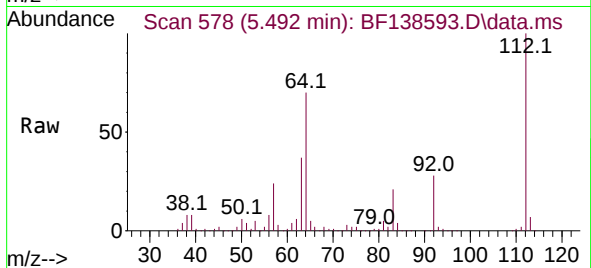
44 7.1 5.4 8.2





#5
2-Fluorophenol
Concen: 117.580 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

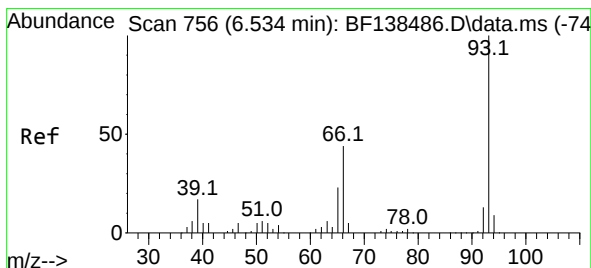
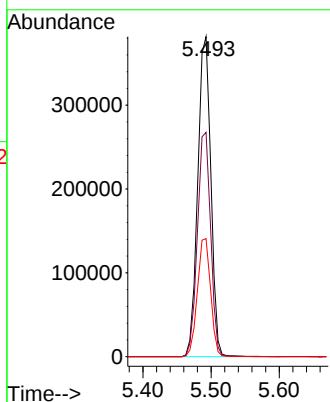
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:112 Resp: 510334
Ion Ratio Lower Upper
112 100
64 70.1 55.1 82.7
63 36.9 29.0 43.6

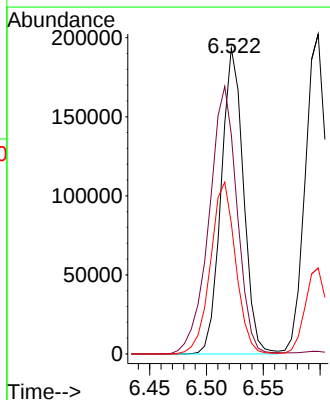
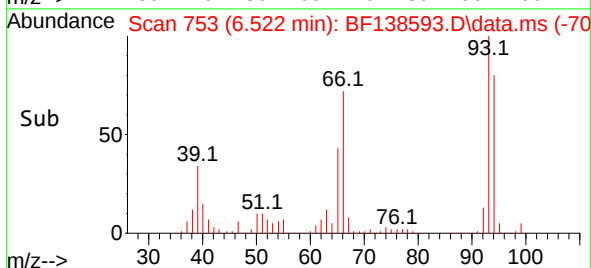
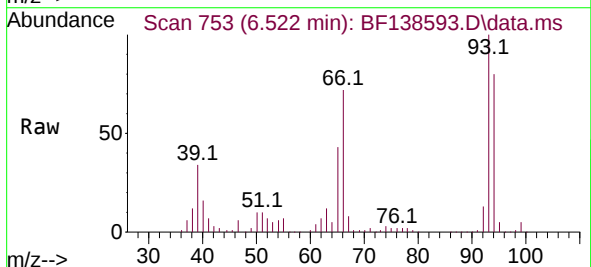
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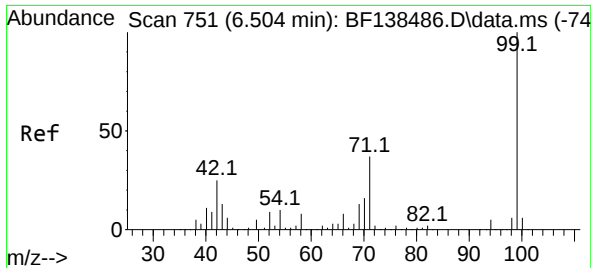
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#6
Aniline
Concen: 48.756 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

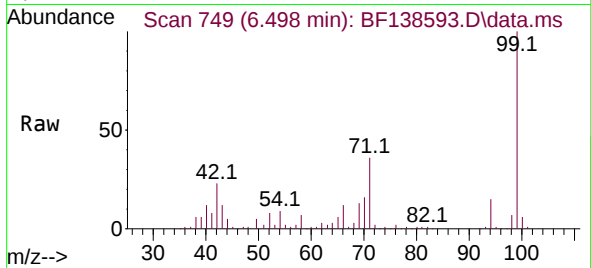
Tgt Ion: 93 Resp: 263677
Ion Ratio Lower Upper
93 100
66 71.7 35.4 53.0#
65 42.7 18.6 27.8#





#7
Phenol-d6
Concen: 121.508 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

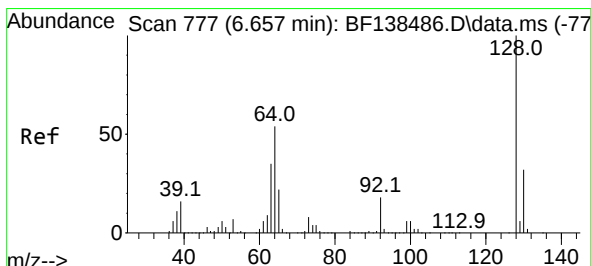
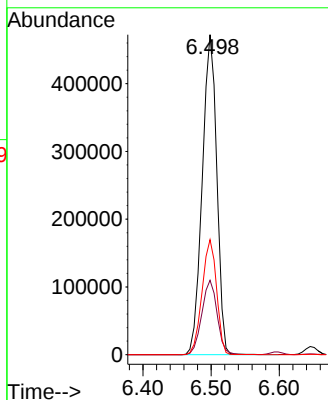
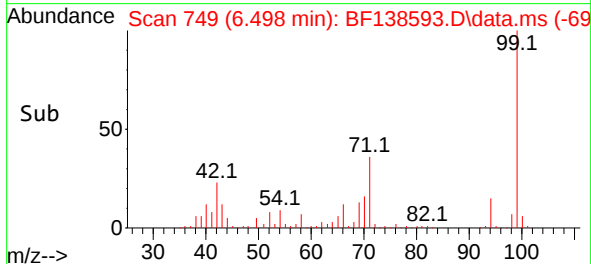
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion: 99 Resp: 701574
Ion Ratio Lower Upper
99 100
42 23.2 19.7 29.5
71 36.0 29.9 44.9

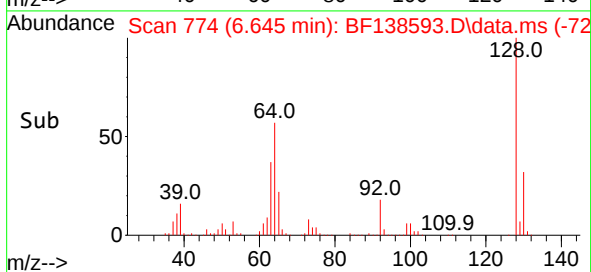
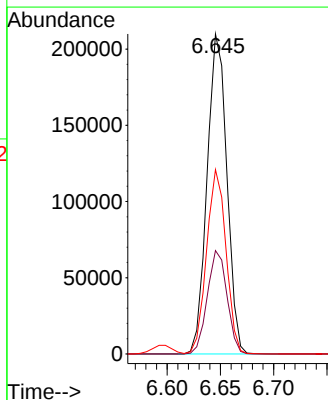
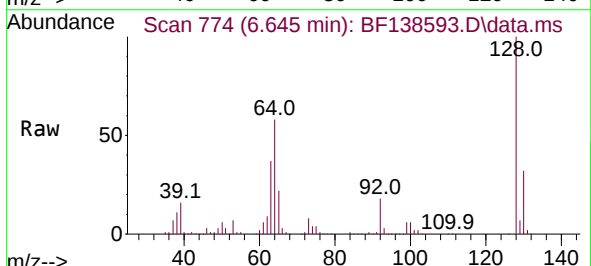
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#8
2-Chlorophenol
Concen: 59.128 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

Tgt Ion:128 Resp: 271363
Ion Ratio Lower Upper
128 100
130 32.3 12.1 52.1
64 57.6 34.4 74.4





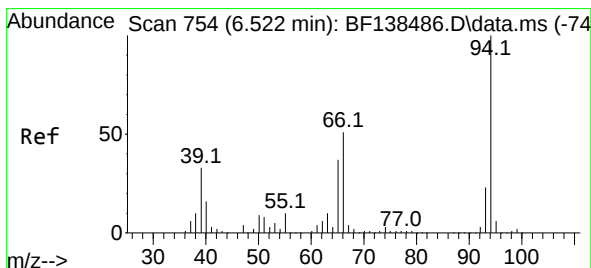
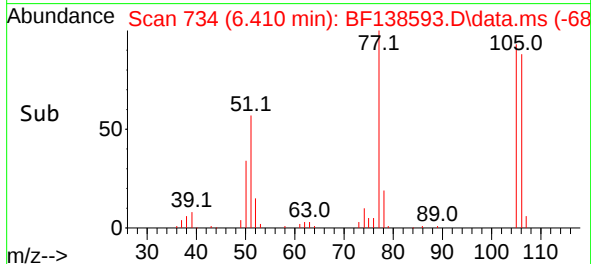
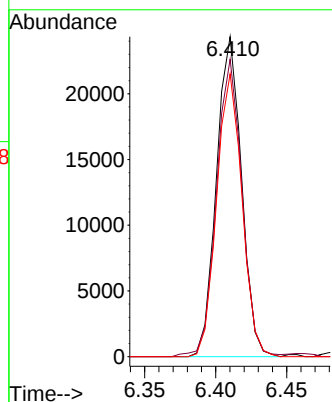
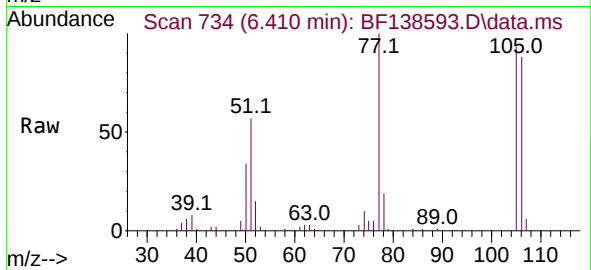
#9
Benzaldehyde
Concen: 9.644 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

Tgt Ion: 77 Resp: 29800
Ion Ratio Lower Upper
77 100
105 93.0 75.1 115.1
106 88.4 73.2 113.2

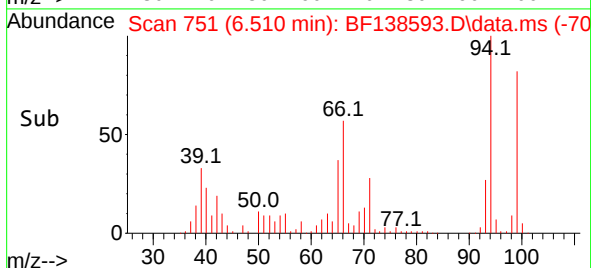
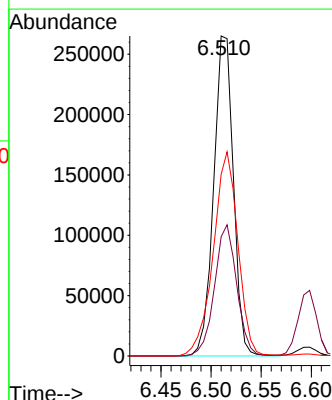
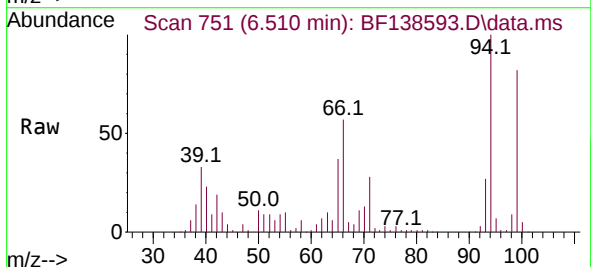
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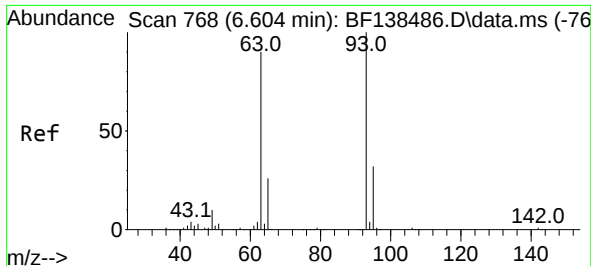
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Phenol
Concen: 59.172 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

Tgt Ion: 94 Resp: 362649
Ion Ratio Lower Upper
94 100
65 37.3 16.7 56.7
66 56.8 31.2 71.2





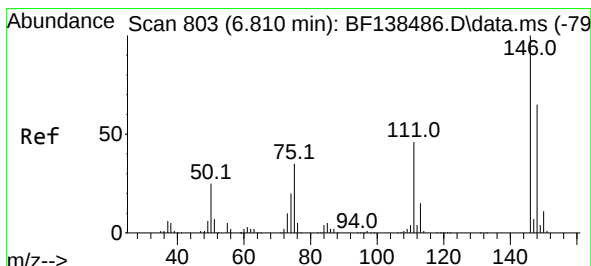
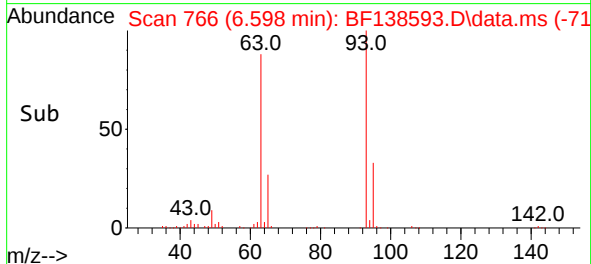
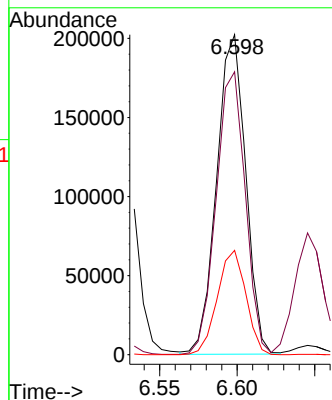
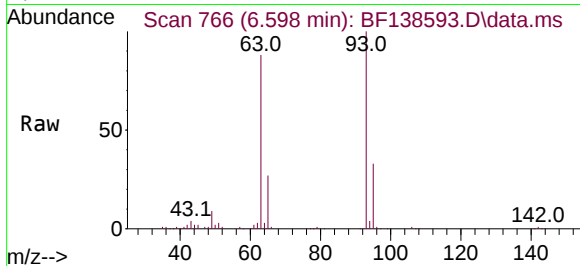
#11
bis(2-Chloroethyl)ether
Concen: 57.057 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

Tgt Ion: 93 Resp: 263280
Ion Ratio Lower Upper
93 100
63 88.4 68.8 108.8
95 32.6 11.8 51.8

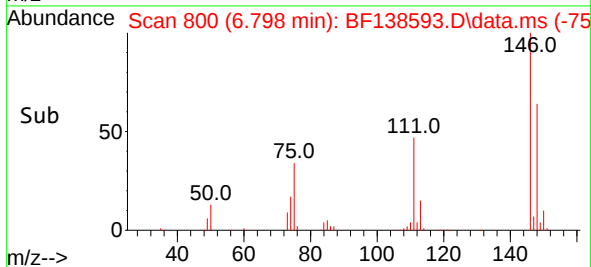
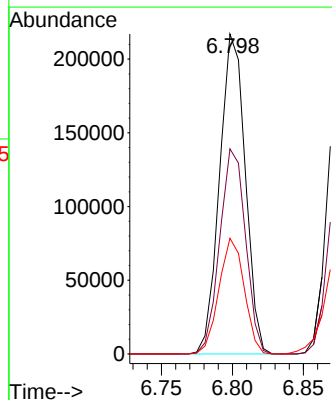
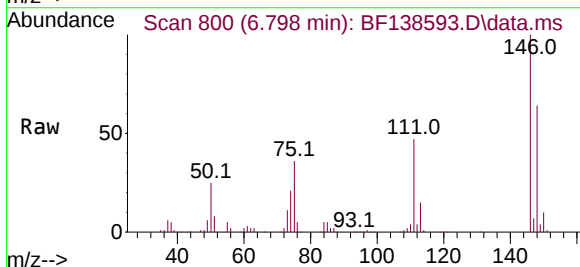
Manual Integrations
APPROVED

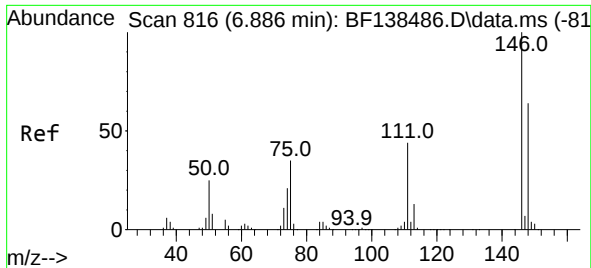
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#12
1,3-Dichlorobenzene
Concen: 52.908 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

Tgt Ion:146 Resp: 272939
Ion Ratio Lower Upper
146 100
148 64.1 52.4 78.6
75 36.1 27.8 41.8





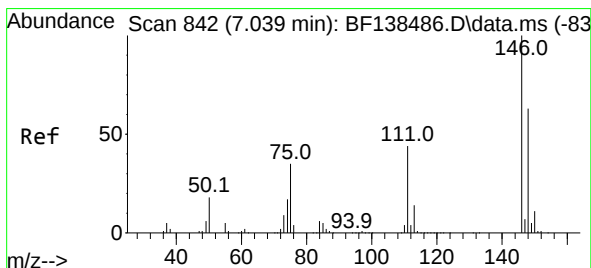
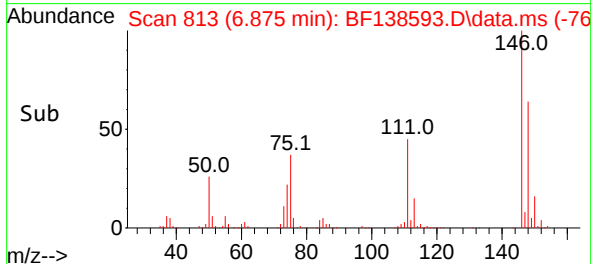
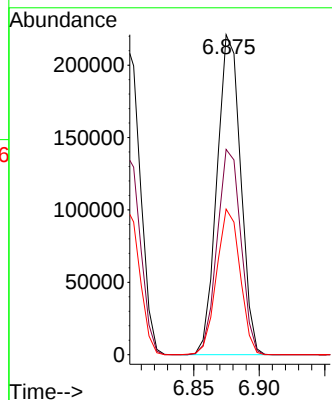
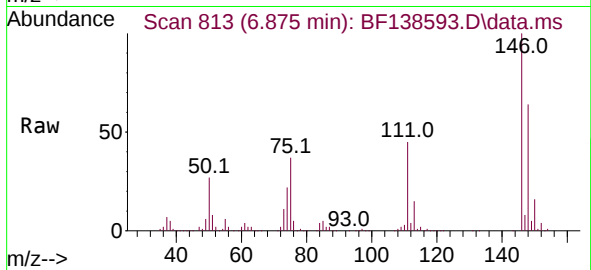
#13
1,4-Dichlorobenzene
Concen: 52.929 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

Tgt Ion:146 Resp: 27727
Ion Ratio Lower Upper
146 100
148 64.2 51.6 77.4
111 45.5 34.9 52.3

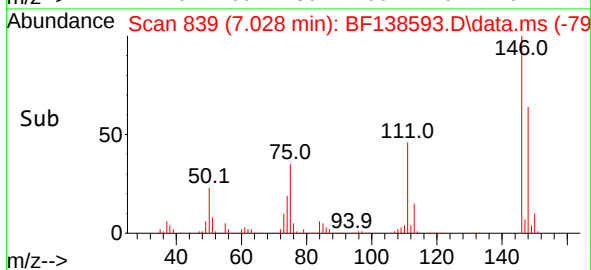
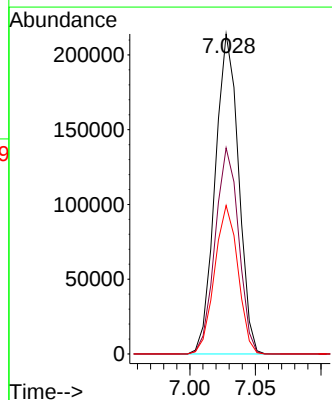
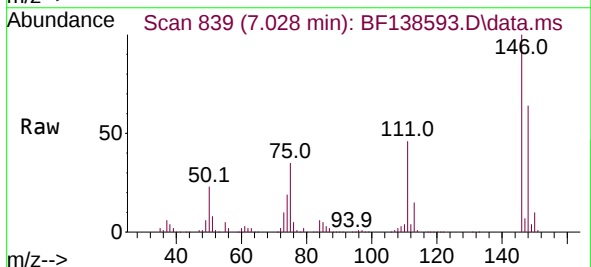
Manual Integrations
APPROVED

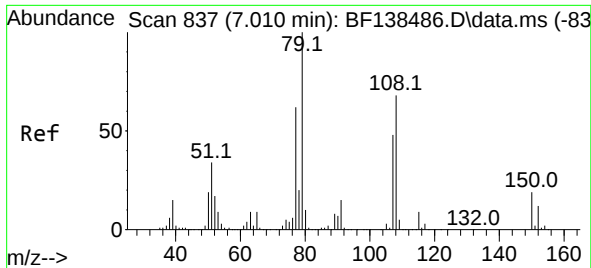
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#14
1,2-Dichlorobenzene
Concen: 54.358 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

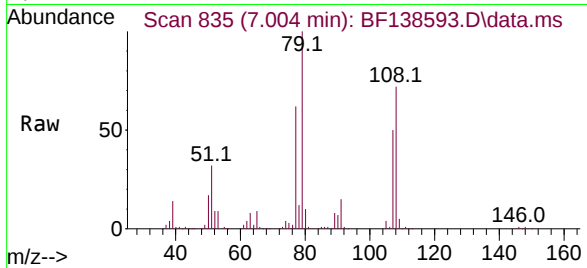
Tgt Ion:146 Resp: 265219
Ion Ratio Lower Upper
146 100
148 64.4 50.1 75.1
111 46.4 35.5 53.3





#15
Benzyl Alcohol
Concen: 60.008 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

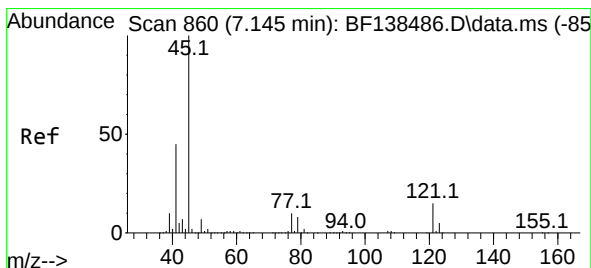
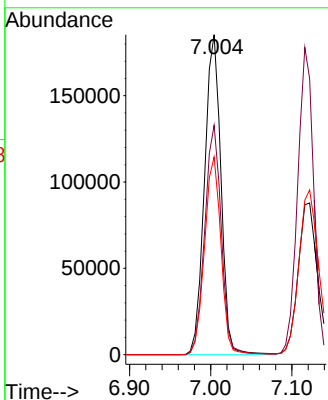
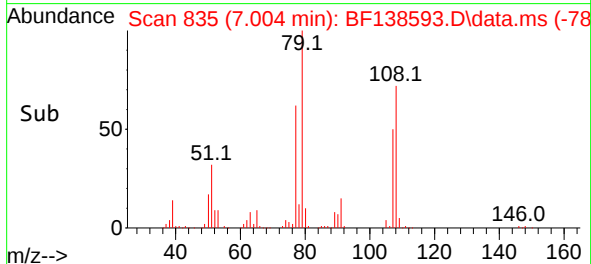
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion: 79 Resp: 26002
Ion Ratio Lower Upper
79 100
108 71.7 54.3 81.5
77 61.8 50.0 75.0

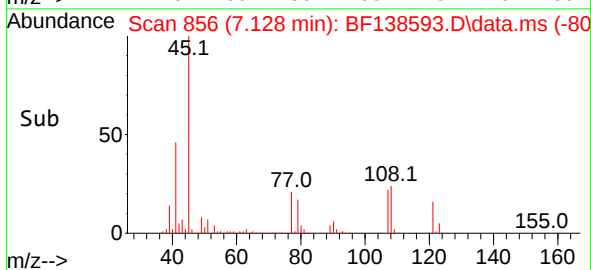
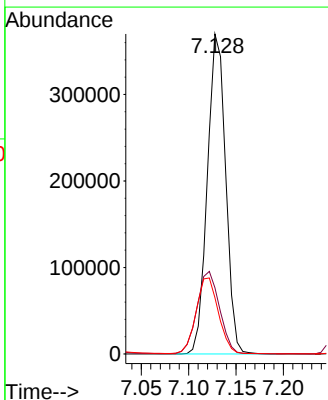
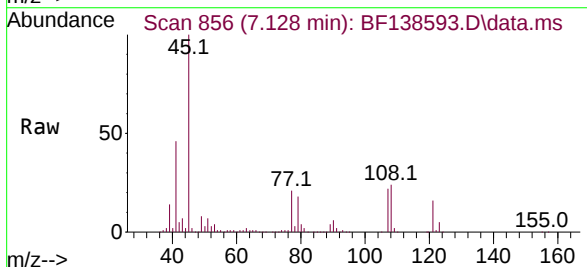
Manual Integrations
APPROVED

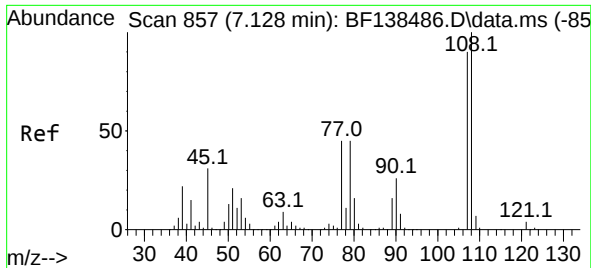
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.756 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.018 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

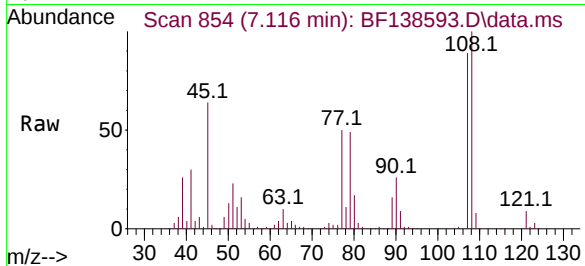
Tgt Ion: 45 Resp: 496860
Ion Ratio Lower Upper
45 100
77 20.7 0.0 30.4
79 17.6 0.0 28.1





#17
2-Methylphenol
Concen: 57.856 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

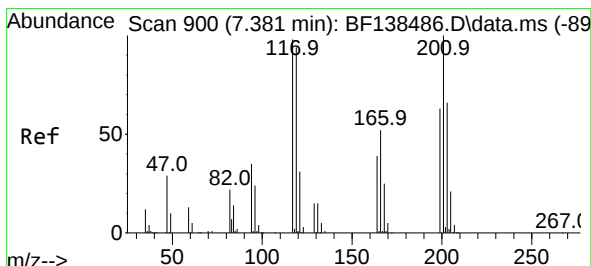
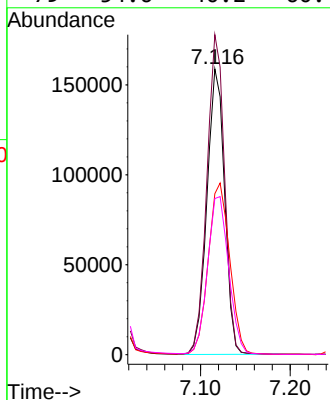
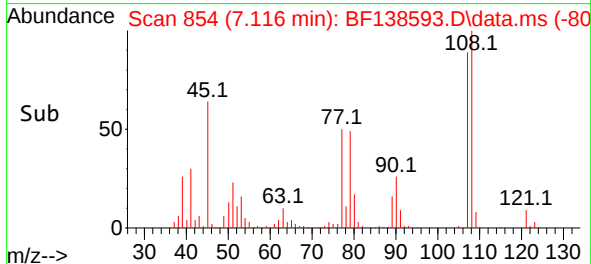
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



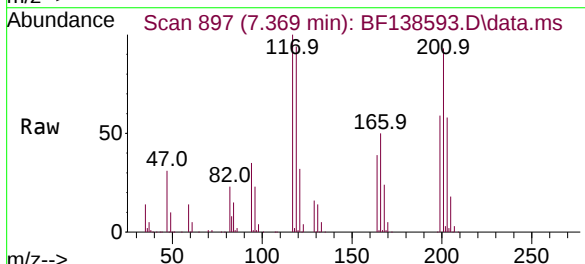
Tgt Ion:107 Resp: 217610
Ion Ratio Lower Upper
107 100
108 112.0 89.0 133.4
77 56.4 40.3 60.5
79 54.6 40.2 60.4

Manual Integrations
APPROVED

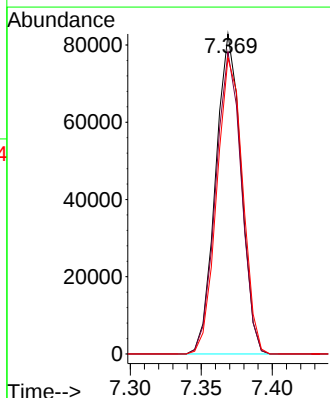
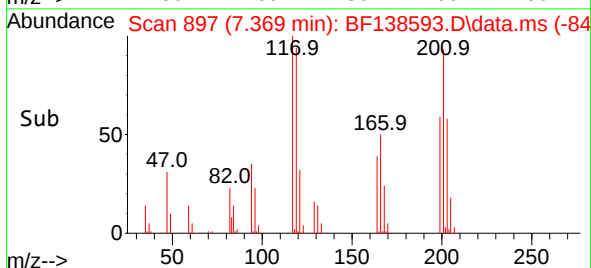
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

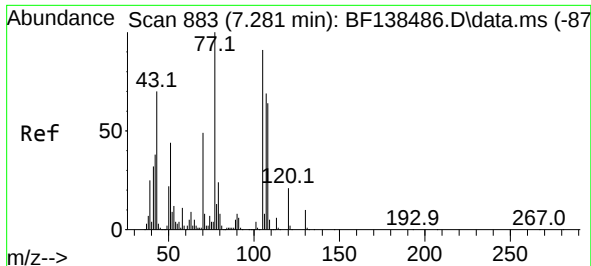


#18
Hexachloroethane
Concen: 53.563 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01



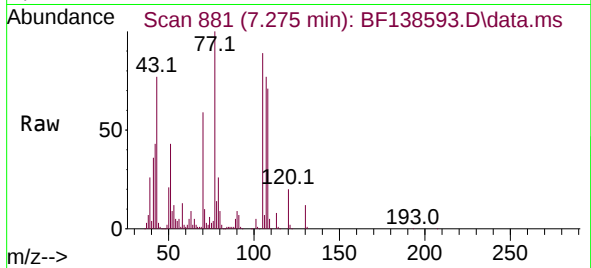
Tgt Ion:117 Resp: 103153
Ion Ratio Lower Upper
117 100
119 94.3 76.6 114.8
201 92.5 81.4 122.0





#19
n-Nitroso-di-n-propylamine
Concen: 56.900 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

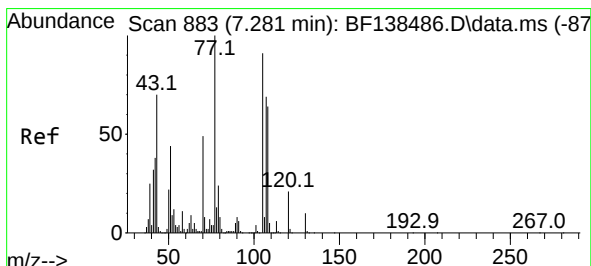
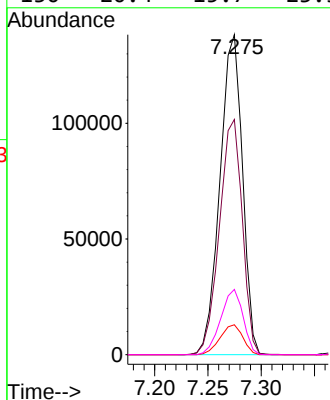
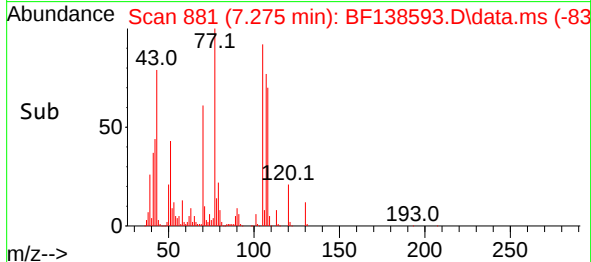
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



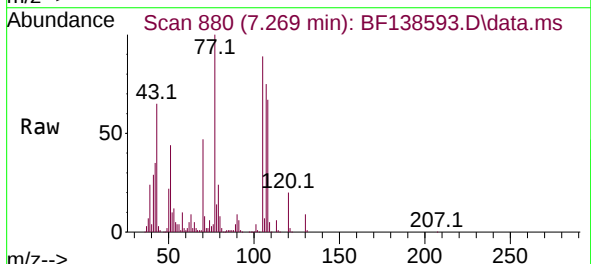
Tgt Ion: 70 Resp: 203002
Ion Ratio Lower Upper
70 100
42 73.5 62.4 93.6
101 9.4 7.2 10.8
130 20.4 15.7 23.5

Manual Integrations
APPROVED

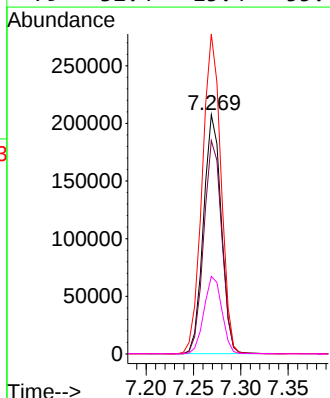
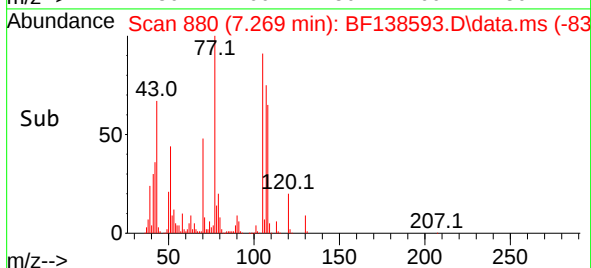
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

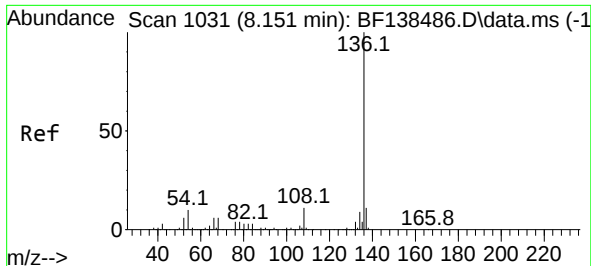


#20
3+4-Methylphenols
Concen: 57.149 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01



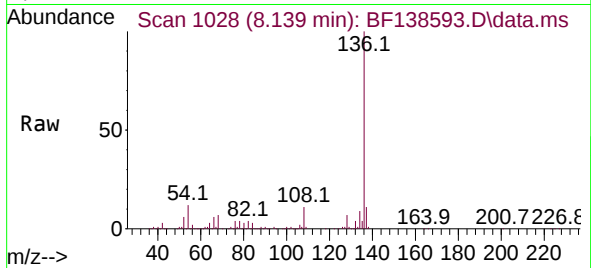
Tgt Ion:107 Resp: 270685
Ion Ratio Lower Upper
107 100
108 89.1 73.7 113.7
77 133.8 126.0 166.0
79 32.4 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

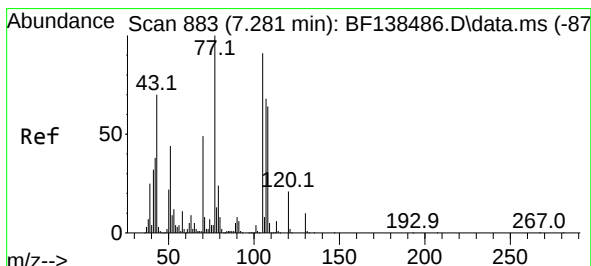
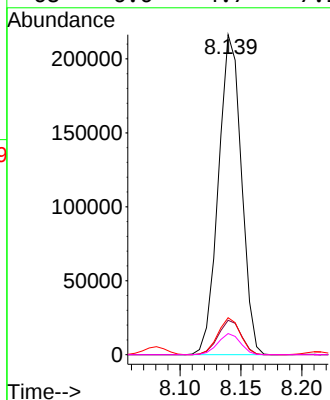
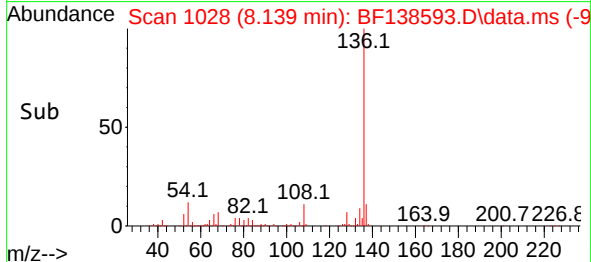
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:136 Resp: 28401
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.5 8.1 12.1
68 6.6 4.7 7.1

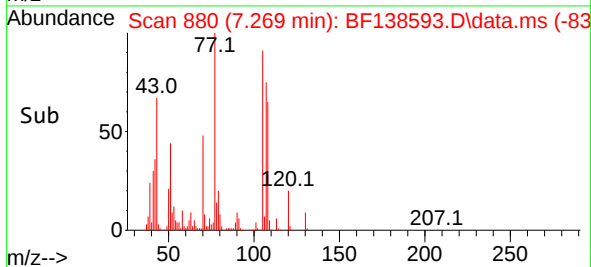
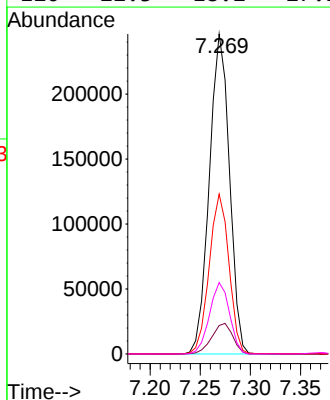
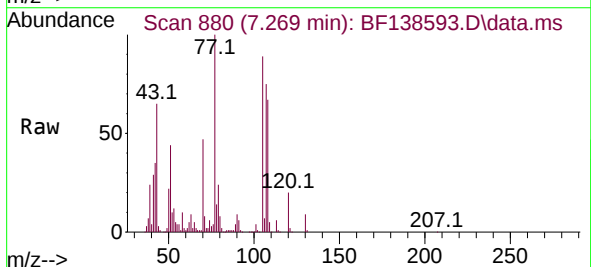
Manual Integrations
APPROVED

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



#22
Acetophenone
Concen: 49.908 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

Tgt Ion:105 Resp: 344257
Ion Ratio Lower Upper
105 100
71 8.9 7.4 11.2
51 50.0 38.7 58.1
120 22.3 18.2 27.2





#23

Nitrobenzene-d5

Concen: 78.061 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138593.D

Acq: 19 Jul 2024 17:01

Instrument :

BNA_F

ClientSampleId :

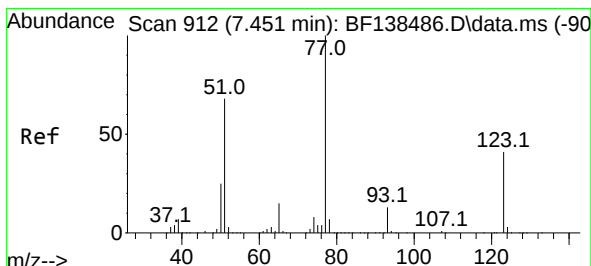
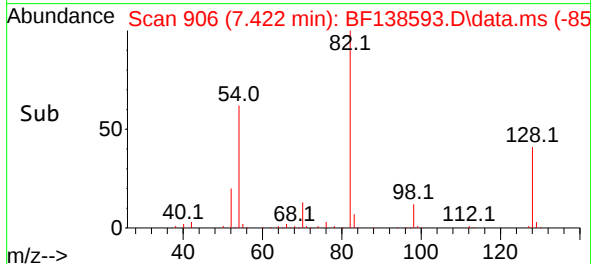
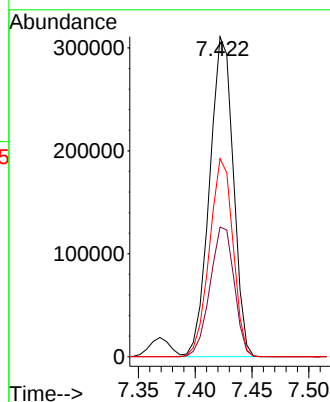
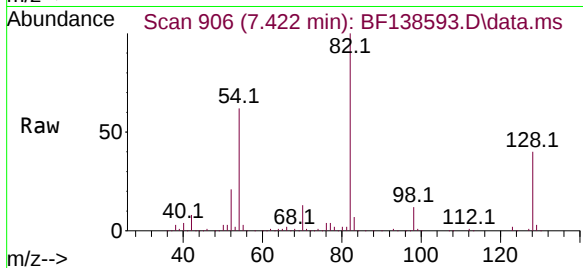
FILL-MATERIAL-1MS

Tgt Ion: 82 Resp: 451558
 Ion Ratio Lower Upper
 82 100
 128 40.5 32.3 48.5
 54 61.9 51.4 77.0

Manual Integrations

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



#24

Nitrobenzene

Concen: 52.337 ng

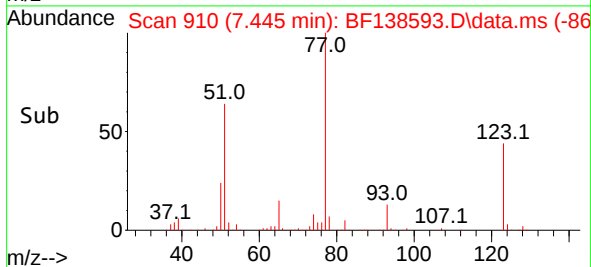
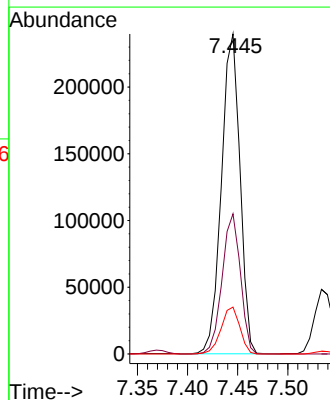
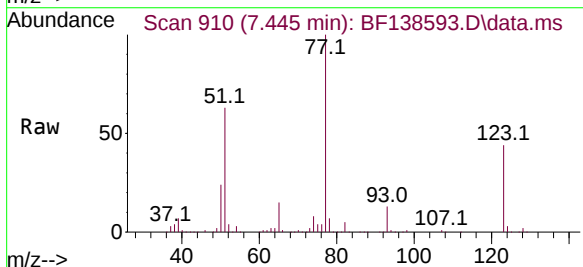
RT: 7.445 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF138593.D

Acq: 19 Jul 2024 17:01

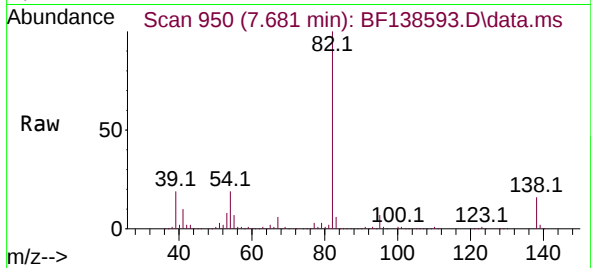
Tgt Ion: 77 Resp: 307660
 Ion Ratio Lower Upper
 77 100
 123 43.8 32.4 48.6
 65 14.7 11.8 17.8





#25
Isophorone
Concen: 55.760 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

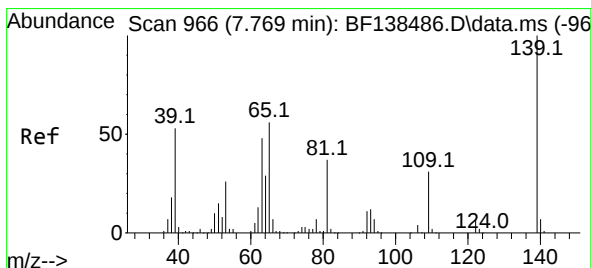
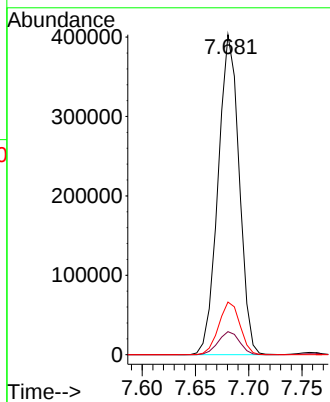
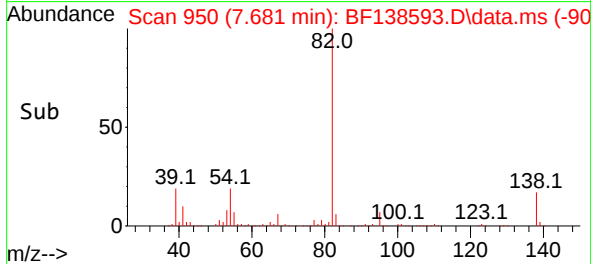
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion: 82 Resp: 553920
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 16.5 12.8 19.2

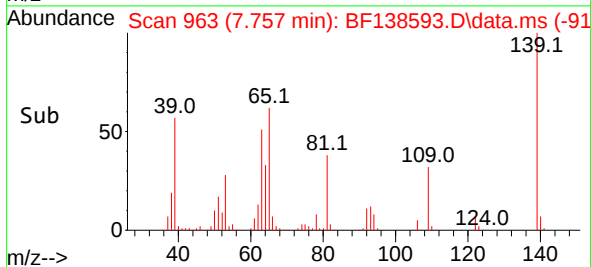
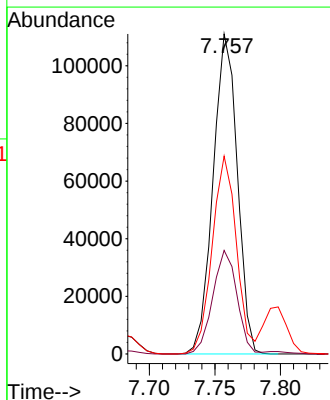
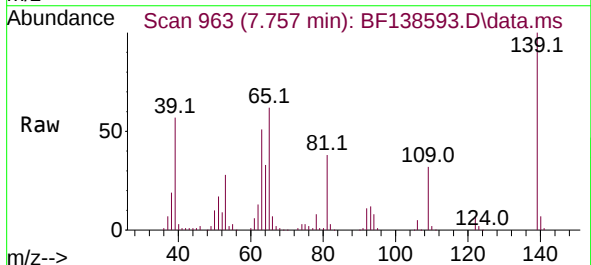
Manual Integrations
APPROVED

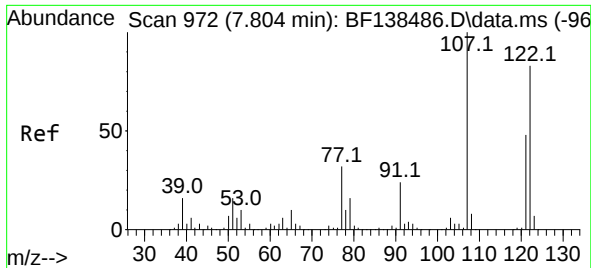
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#26
2-Nitrophenol
Concen: 56.577 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

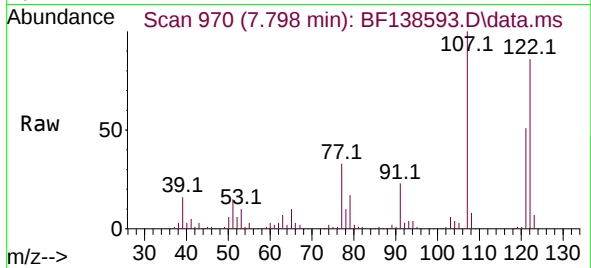
Tgt Ion:139 Resp: 142548
Ion Ratio Lower Upper
139 100
109 32.3 24.8 37.2
65 61.8 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 60.242 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

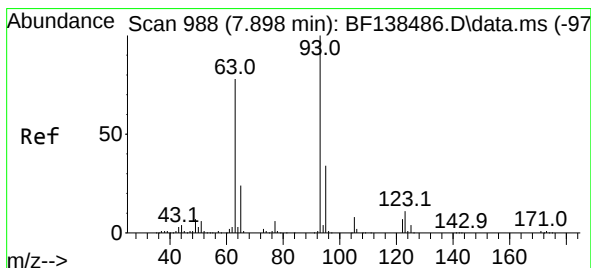
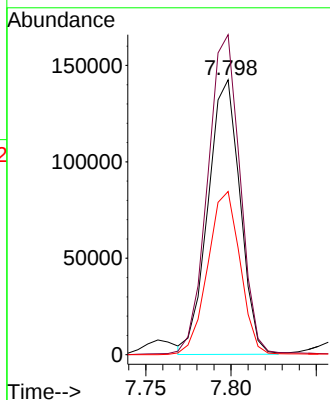
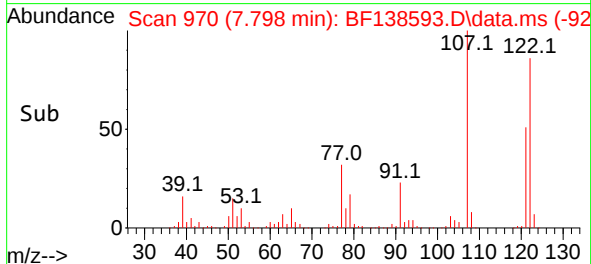
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



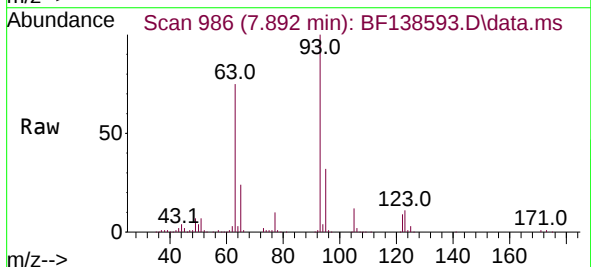
Tgt Ion:122 Resp: 186548
Ion Ratio Lower Upper
122 100
107 116.4 96.3 144.5
121 59.4 46.7 70.1

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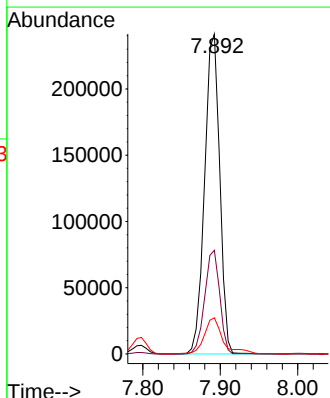
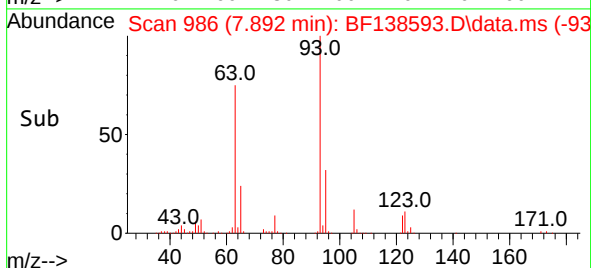
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

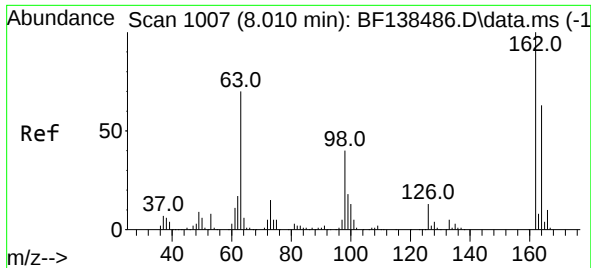


#28
bis(2-Chloroethoxy)methane
Concen: 55.058 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01



Tgt Ion: 93 Resp: 326875
Ion Ratio Lower Upper
93 100
95 32.4 27.0 40.6
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 54.446 ng

RT: 8.004 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF138593.D

Acq: 19 Jul 2024 17:01

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS

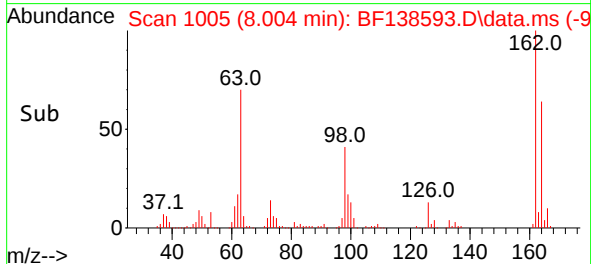
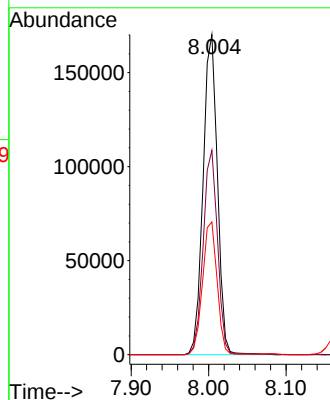
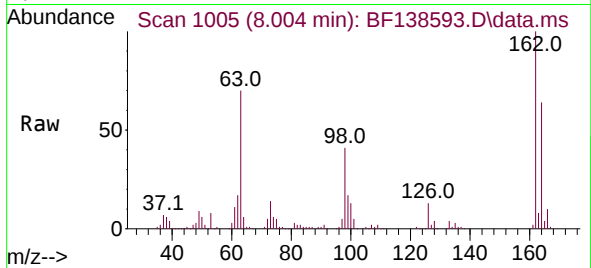
Tgt Ion:162 Resp: 21894
 Ion Ratio Lower Upper
 162 100
 164 63.9 42.6 82.6
 98 41.5 20.1 60.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 49.356 ng

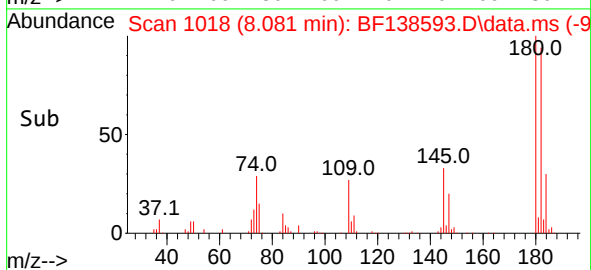
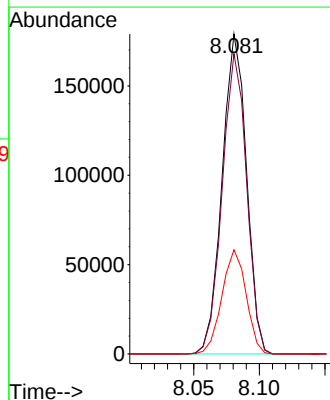
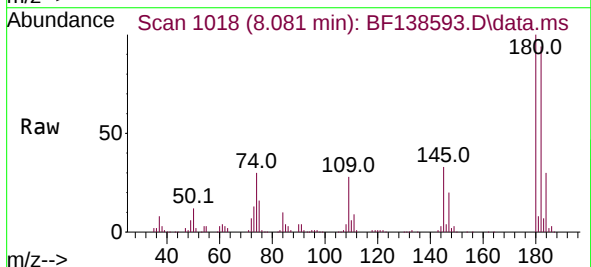
RT: 8.081 min Scan# 1018

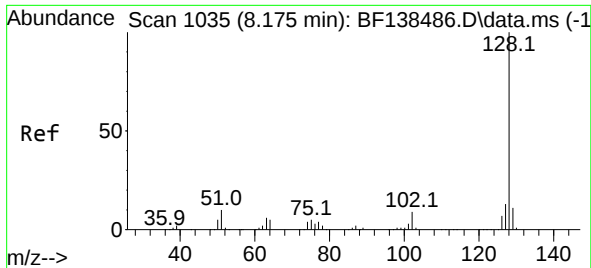
Delta R.T. -0.012 min

Lab File: BF138593.D

Acq: 19 Jul 2024 17:01

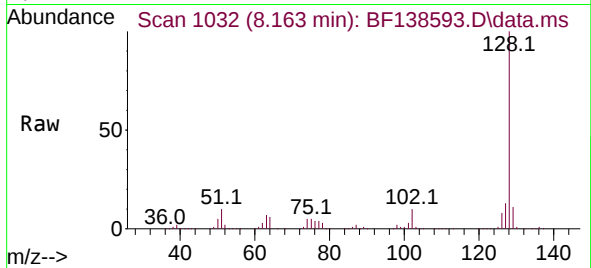
Tgt Ion:180 Resp: 231208
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.9 115.3
 145 32.6 23.9 35.9





#31
Naphthalene
Concen: 52.867 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

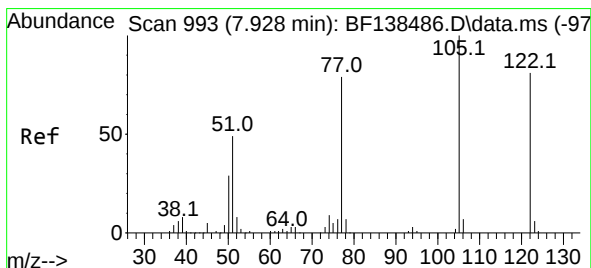
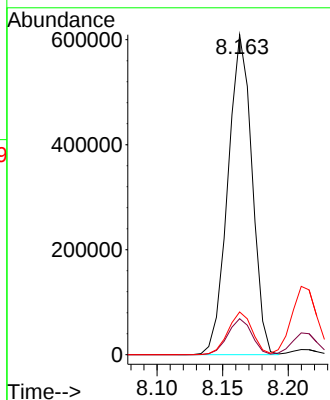
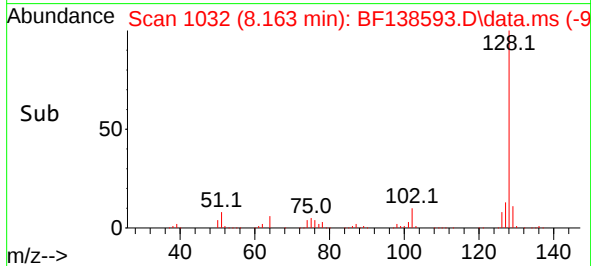
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:128 Resp: 780898
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.4 10.7 16.1

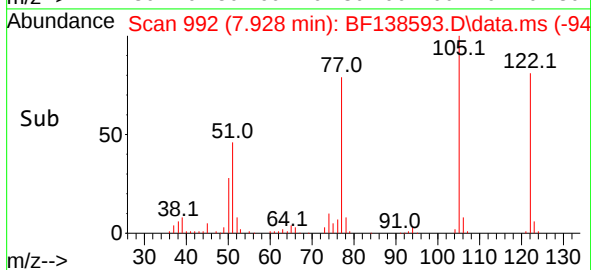
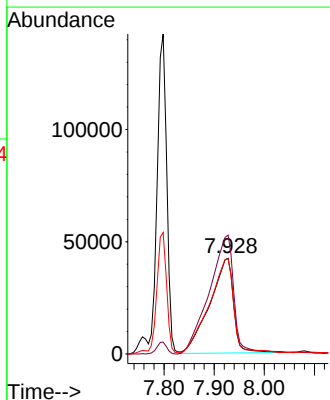
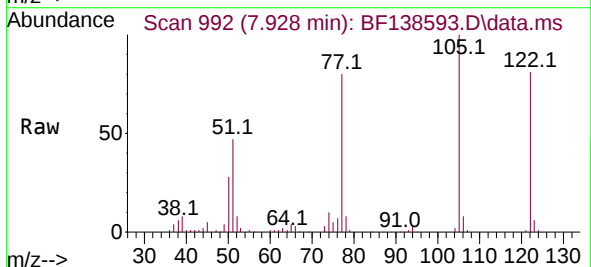
Manual Integrations
APPROVED

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



#32
Benzoic acid
Concen: 47.374 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

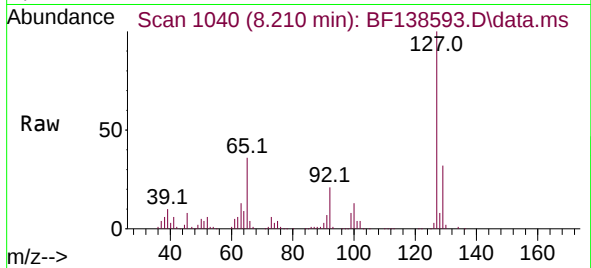
Tgt Ion:122 Resp: 139919
Ion Ratio Lower Upper
122 100
105 124.1 101.5 141.5
77 99.5 77.3 117.3





#33
4-Chloroaniline
Concen: 35.959 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

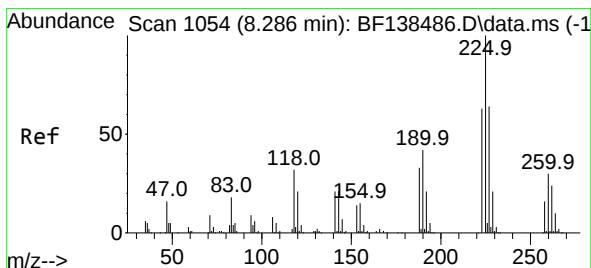
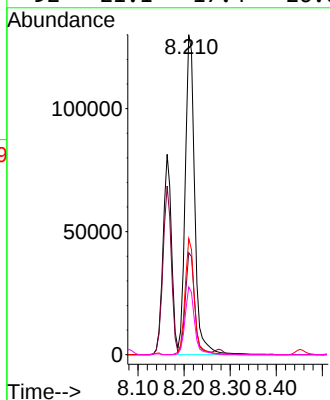
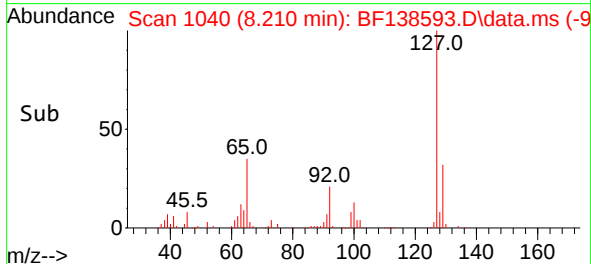
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:127 Resp: 18636
Ion Ratio Lower Upper
127 100
129 31.9 25.6 38.4
65 36.3 29.6 44.4
92 21.1 17.4 26.0

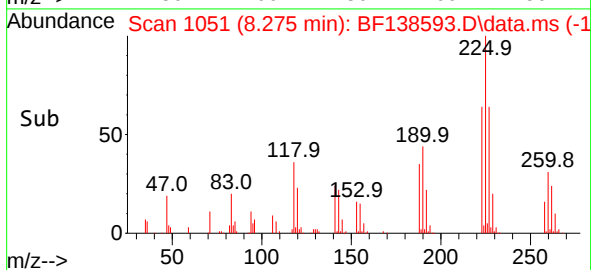
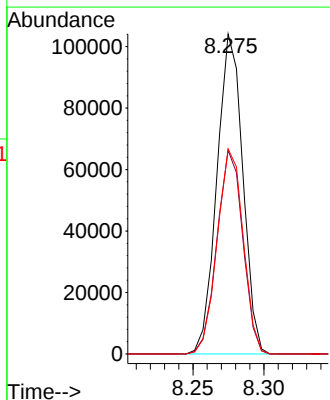
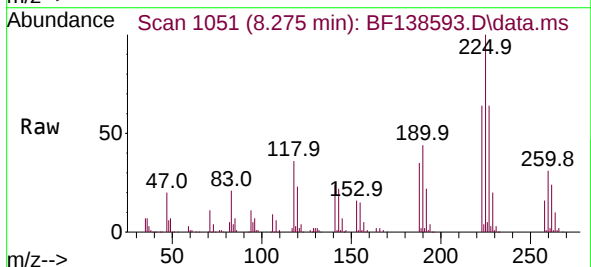
Manual Integrations
APPROVED

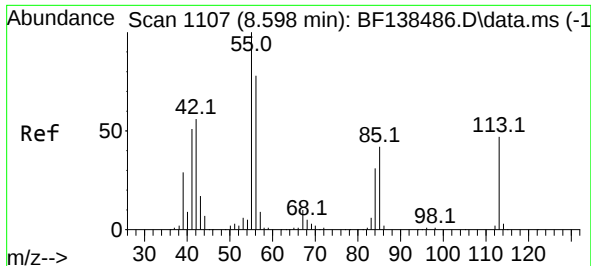
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#34
Hexachlorobutadiene
Concen: 45.654 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

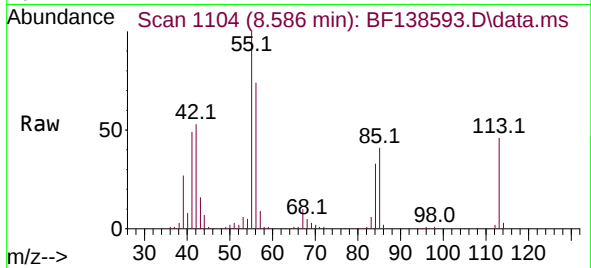
Tgt Ion:225 Resp: 131696
Ion Ratio Lower Upper
225 100
223 63.6 50.0 75.0
227 64.1 51.0 76.6





#35
Caprolactam
Concen: 53.846 ng m
RT: 8.586 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

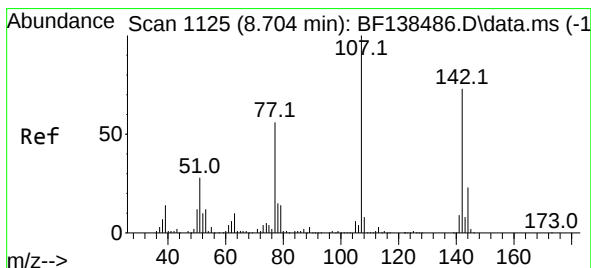
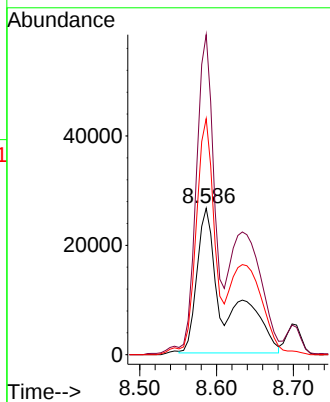
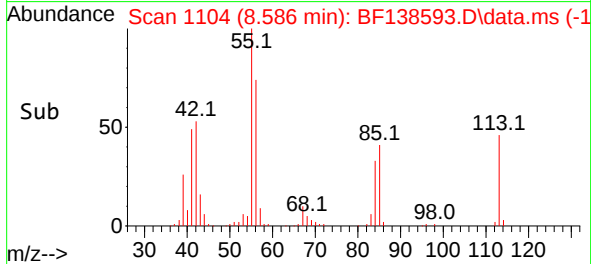
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:113 Resp: 6987
Ion Ratio Lower Upper
113 100
55 218.6 192.5 232.5
56 161.2 145.3 185.3

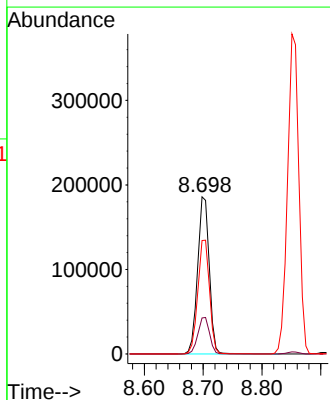
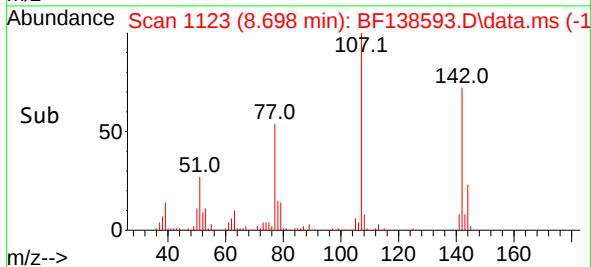
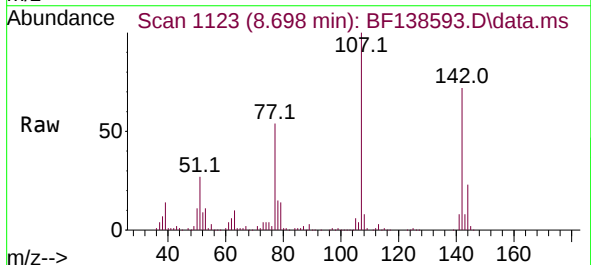
Manual Integrations
APPROVED

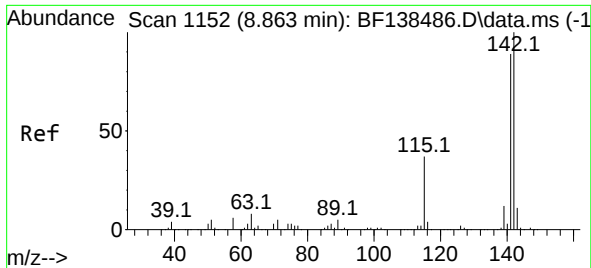
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#36
4-Chloro-3-methylphenol
Concen: 56.737 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

Tgt Ion:107 Resp: 255427
Ion Ratio Lower Upper
107 100
144 22.9 18.6 27.8
142 72.1 58.6 88.0





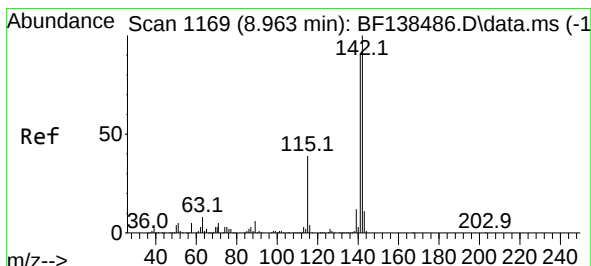
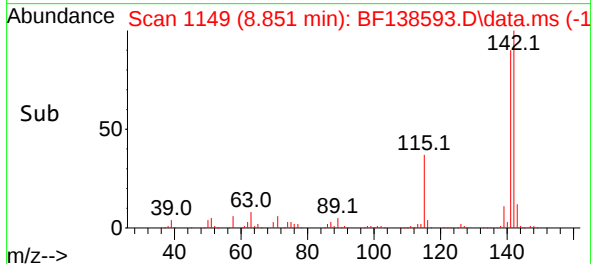
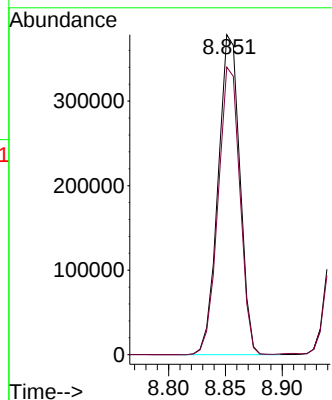
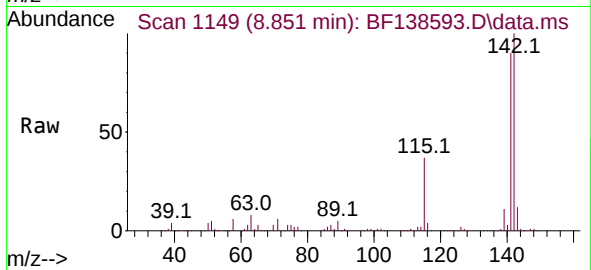
#37
2-Methylnaphthalene
Concen: 53.124 ng
RT: 8.851 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

Tgt Ion:142 Resp: 504972
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.0

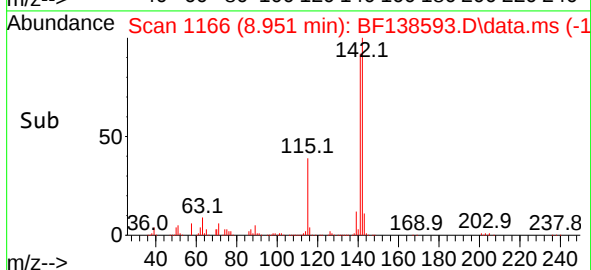
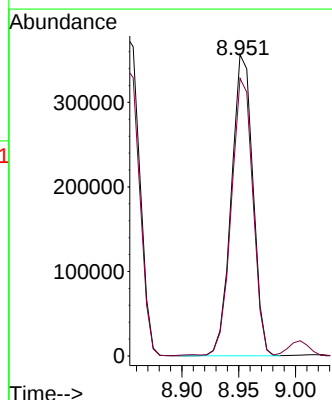
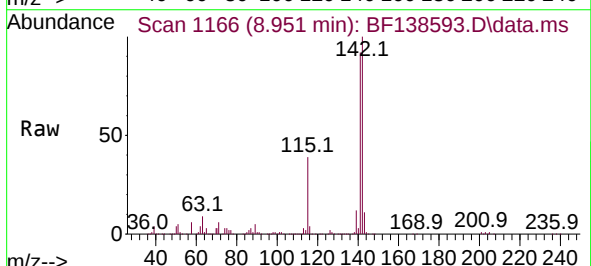
Manual Integrations
APPROVED

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



#38
1-Methylnaphthalene
Concen: 50.591 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

Tgt Ion:142 Resp: 469332
Ion Ratio Lower Upper
142 100
141 92.1 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: BF138593.D

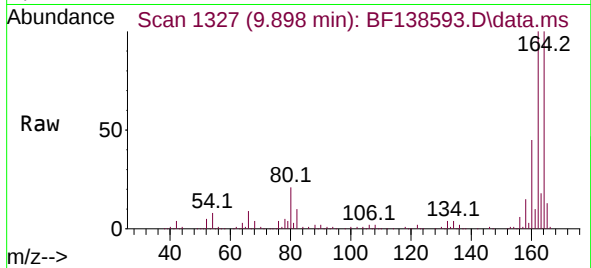
Acq: 19 Jul 2024 17:01

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS



Tgt Ion:164 Resp: 155540

Ion Ratio Lower Upper

164 100

162 100.0 79.0 118.6

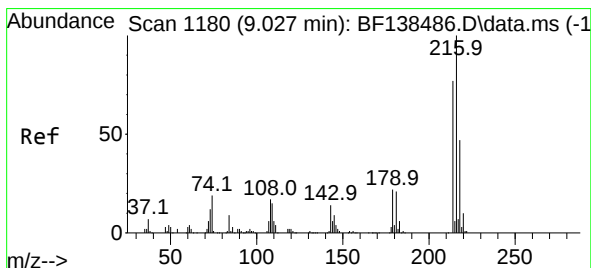
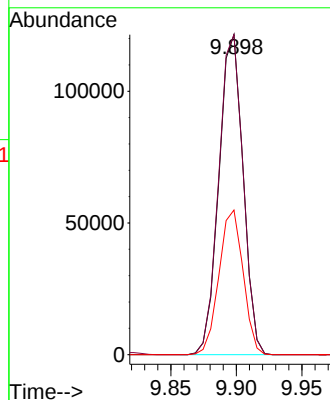
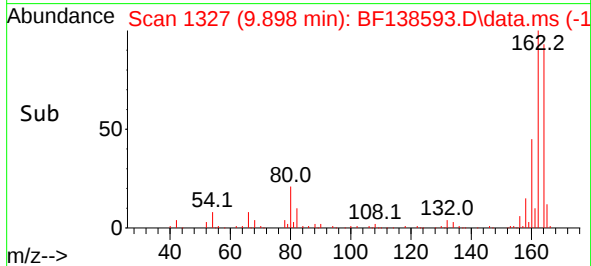
160 45.2 34.4 51.6

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: 47.992 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF138593.D

Acq: 19 Jul 2024 17:01

Tgt Ion:216 Resp: 208054

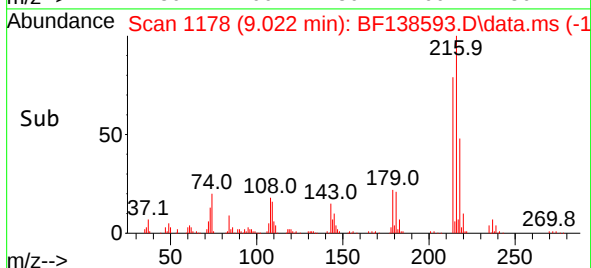
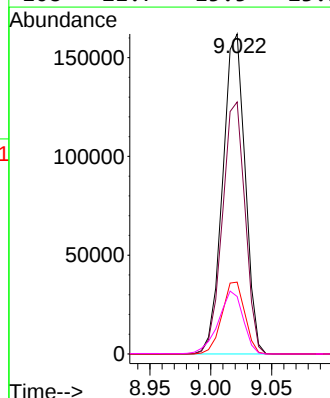
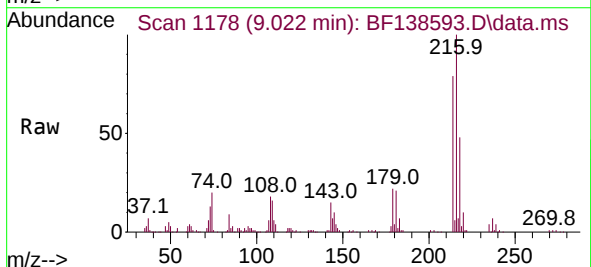
Ion Ratio Lower Upper

216 100

214 79.4 62.8 94.2

179 22.8 17.7 26.5

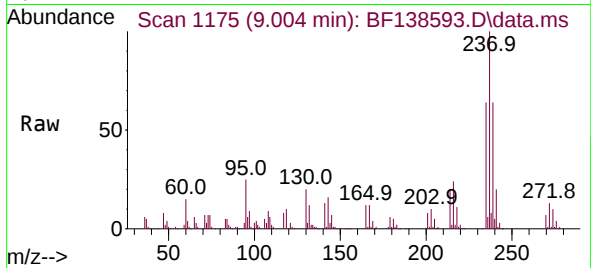
108 21.7 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 120.497 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

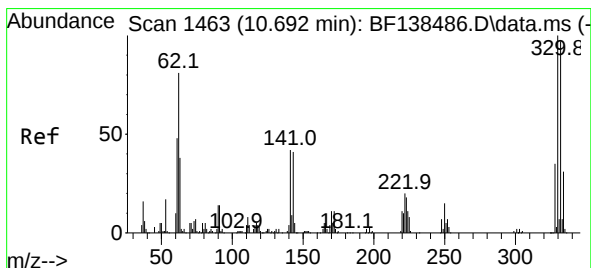
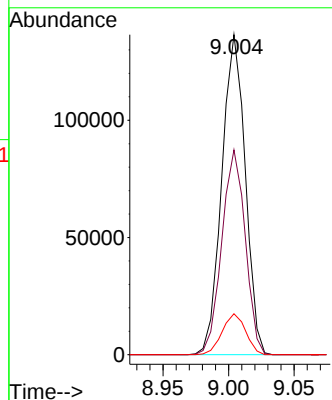
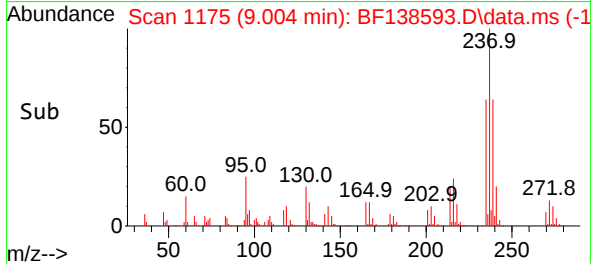
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



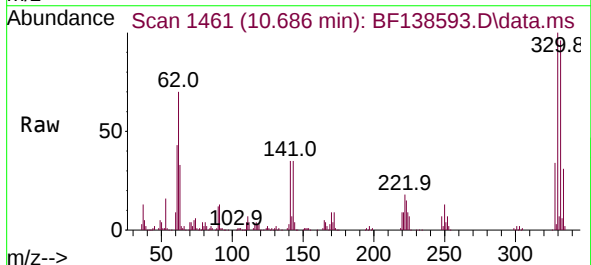
Tgt Ion:237 Resp: 16955
Ion Ratio Lower Upper
237 100
235 64.0 43.3 83.3
272 12.8 0.0 32.3

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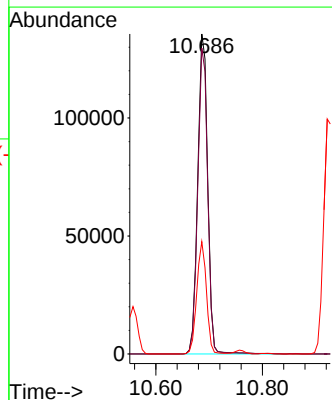
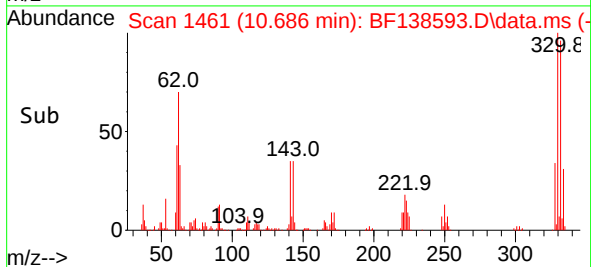
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#42
2,4,6-Tribromophenol
Concen: 121.593 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01



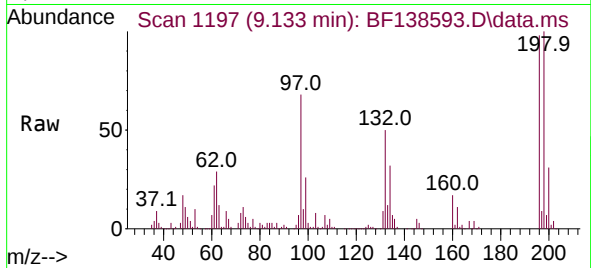
Tgt Ion:330 Resp: 176763
Ion Ratio Lower Upper
330 100
332 95.1 76.8 115.2
141 34.1 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 53.580 ng
RT: 9.133 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

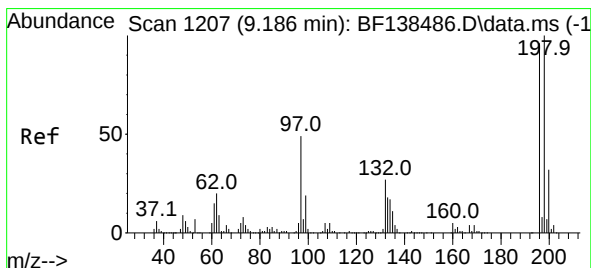
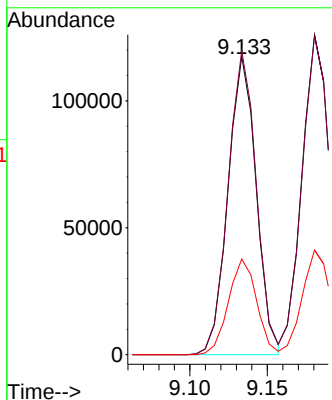
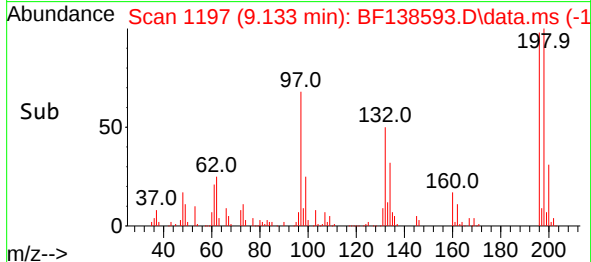
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



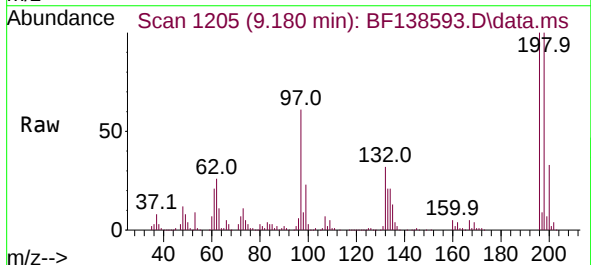
Tgt Ion:196 Resp: 14816
Ion Ratio Lower Upper
196 100
198 101.9 82.3 123.5
200 32.1 25.8 38.6

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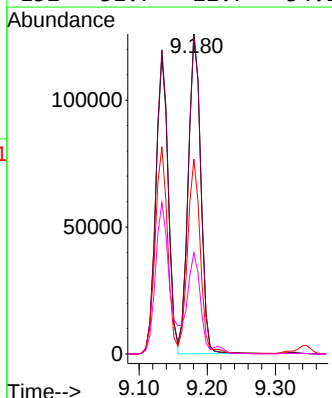
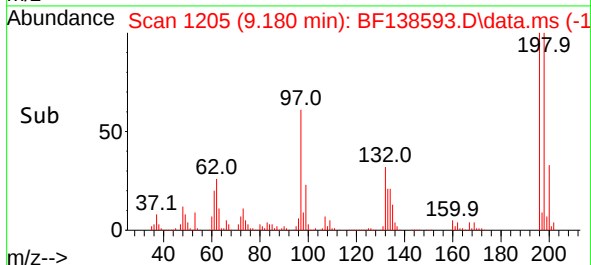
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

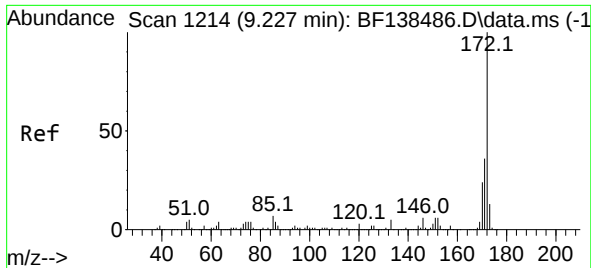


#44
2,4,5-Trichlorophenol
Concen: 52.606 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01



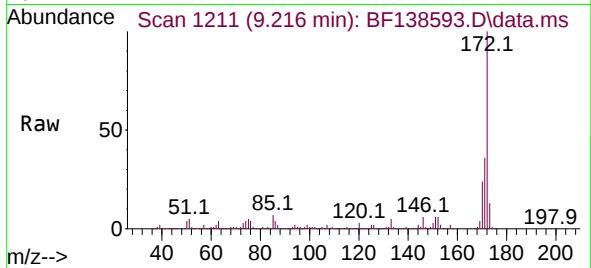
Tgt Ion:196 Resp: 160002
Ion Ratio Lower Upper
196 100
198 99.6 82.8 124.2
97 60.9 41.0 61.4
132 31.7 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 75.939 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

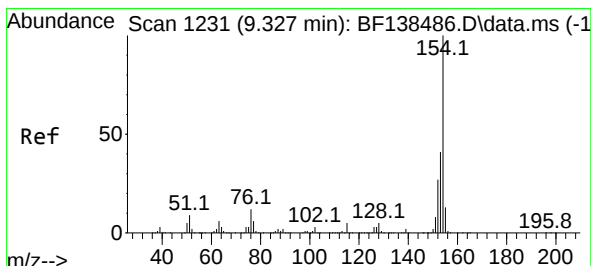
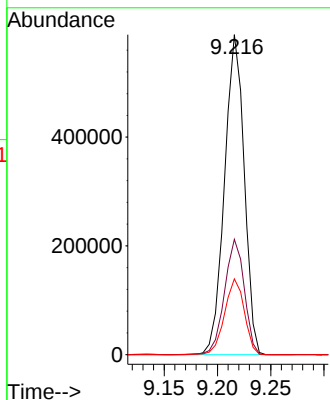
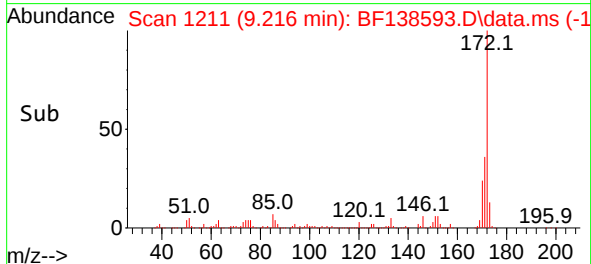
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:172 Resp: 755775
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.7 18.9 28.3

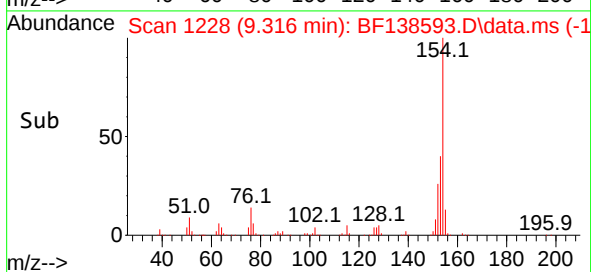
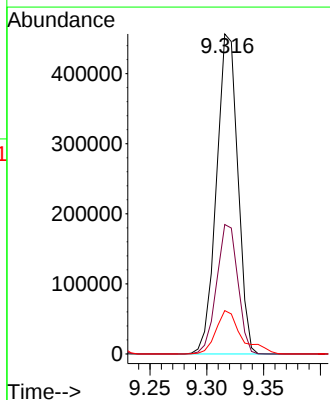
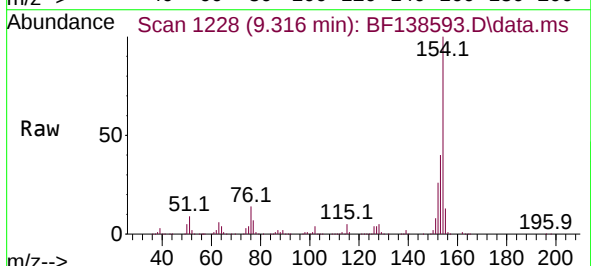
Manual Integrations
APPROVED

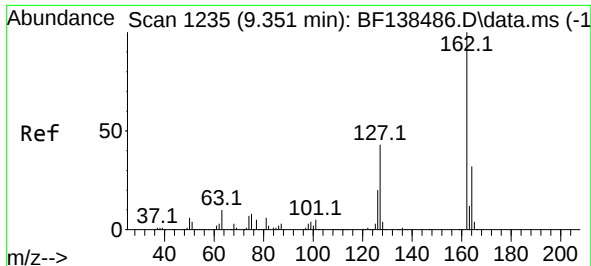
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#46
1,1'-Biphenyl
Concen: 50.527 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

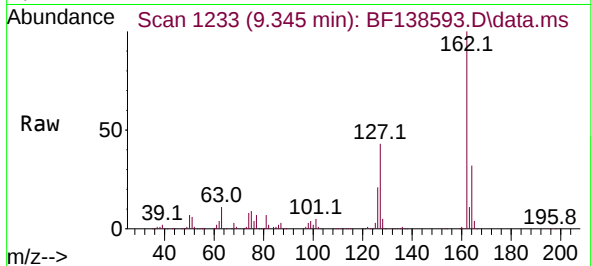
Tgt Ion:154 Resp: 595607
Ion Ratio Lower Upper
154 100
153 40.4 20.7 60.7
76 13.5 0.0 32.2





#47
2-Chloronaphthalene
Concen: 53.139 ng
RT: 9.345 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

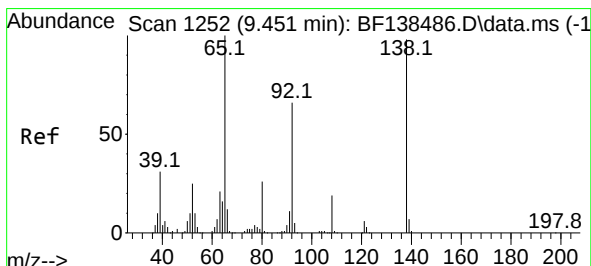
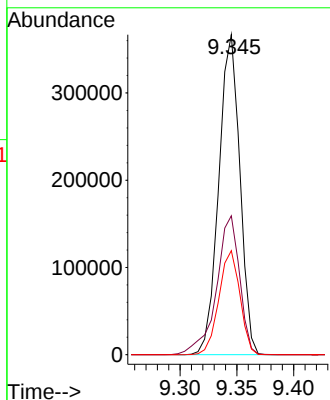
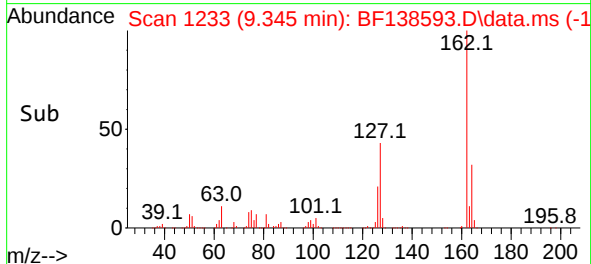
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:162 Resp: 47321
Ion Ratio Lower Upper
162 100
127 43.4 34.8 52.2
164 32.5 25.6 38.4

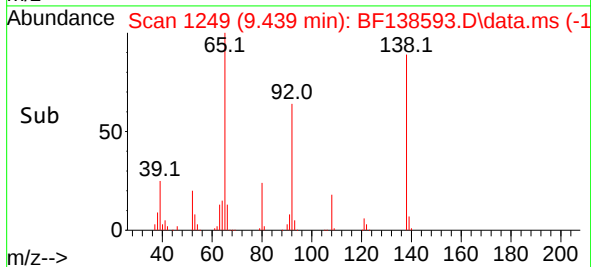
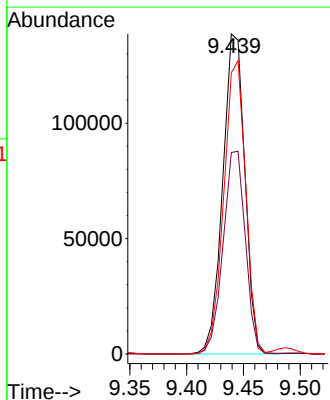
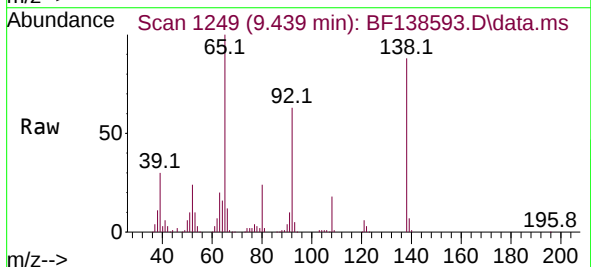
Manual Integrations
APPROVED

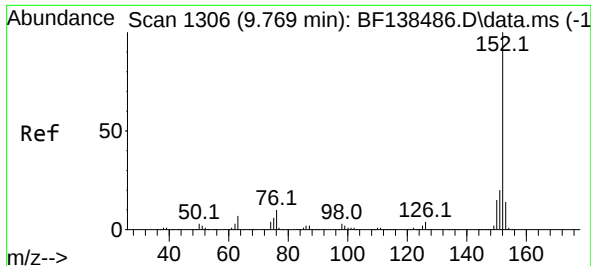
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#48
2-Nitroaniline
Concen: 60.863 ng
RT: 9.439 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

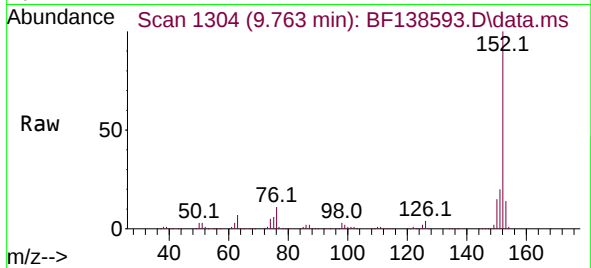
Tgt Ion: 65 Resp: 187822
Ion Ratio Lower Upper
65 100
92 62.9 52.6 78.8
138 87.8 78.6 118.0





#49
Acenaphthylene
Concen: 59.825 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

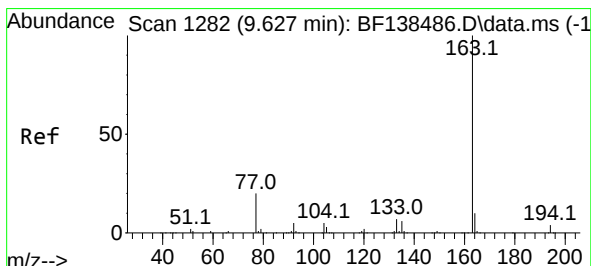
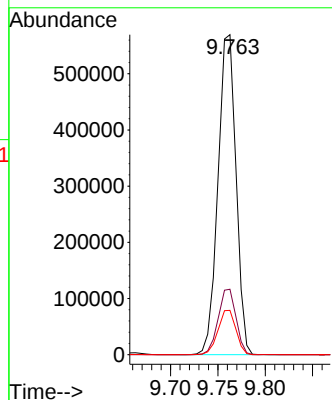
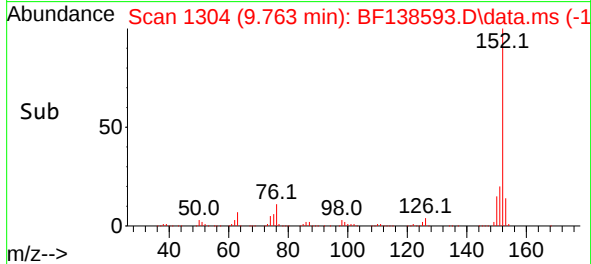
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



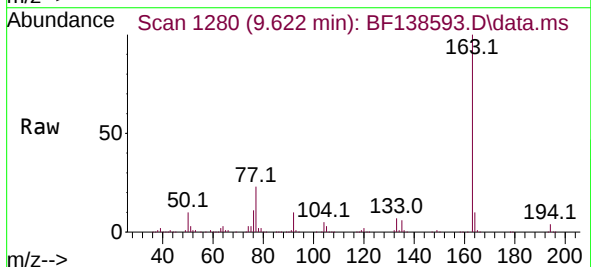
Tgt Ion:152 Resp: 756389
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.8 11.3 16.9

Manual Integrations
APPROVED

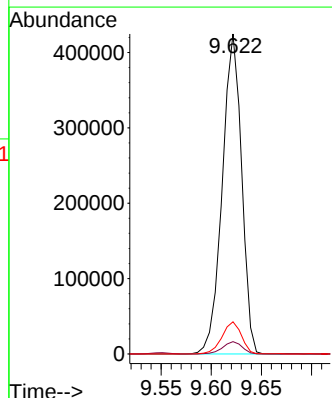
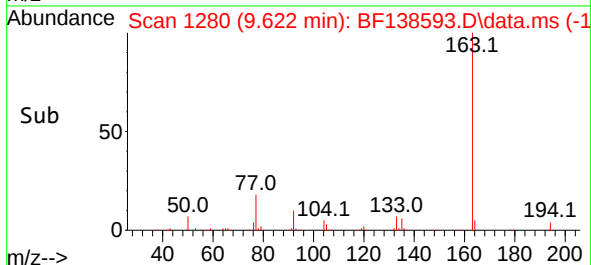
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#50
Dimethylphthalate
Concen: 56.582 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01



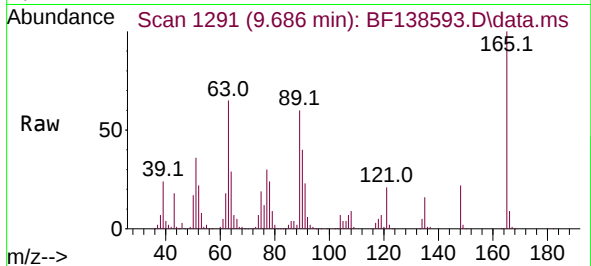
Tgt Ion:163 Resp: 569097
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 54.957 ng
RT: 9.686 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

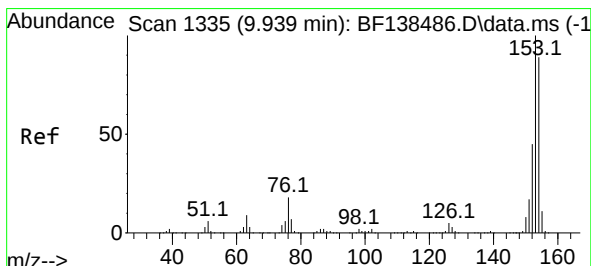
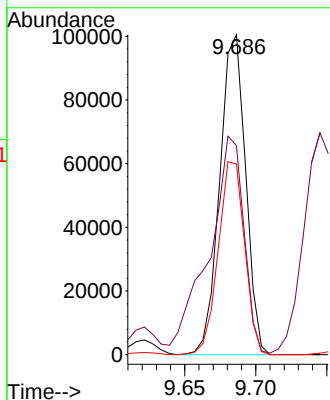
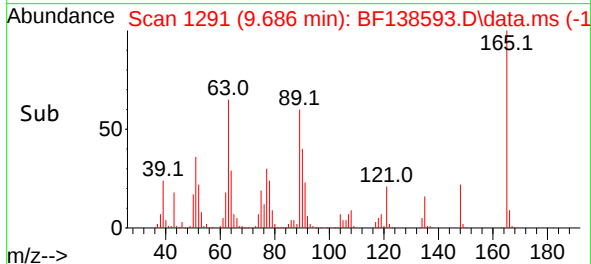
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:165 Resp: 127269
Ion Ratio Lower Upper
165 100
63 65.3 48.1 72.1
89 59.6 43.0 64.6

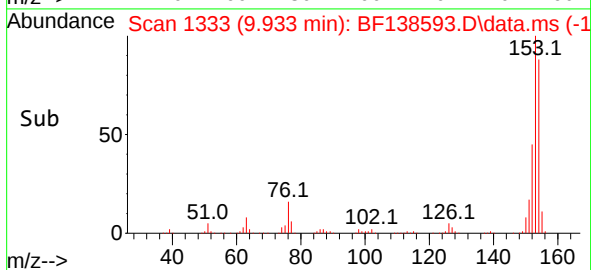
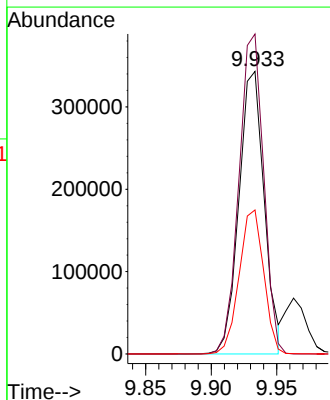
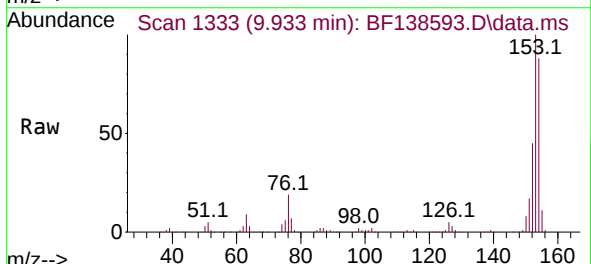
Manual Integrations
APPROVED

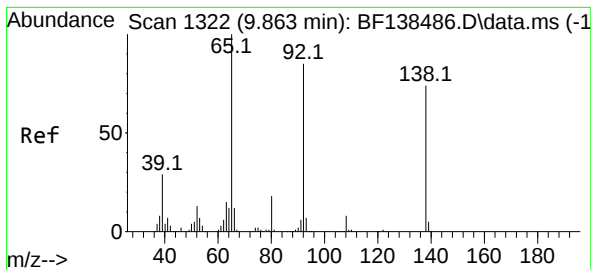
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#52
Acenaphthene
Concen: 54.933 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

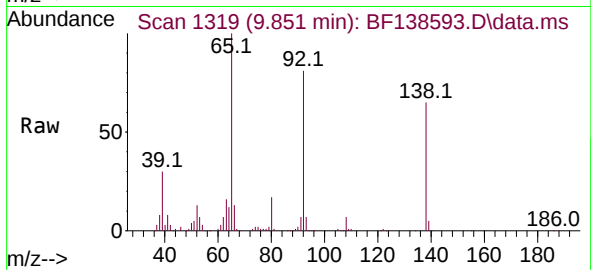
Tgt Ion:154 Resp: 461677
Ion Ratio Lower Upper
154 100
153 113.2 90.4 135.6
152 51.0 41.1 61.7





#53
3-Nitroaniline
Concen: 44.831 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

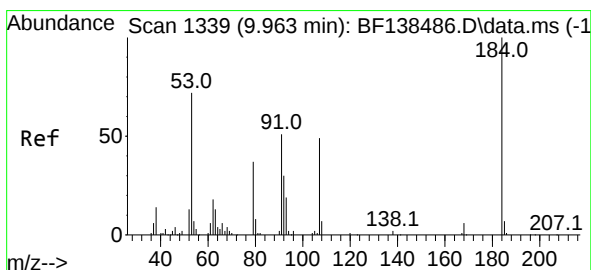
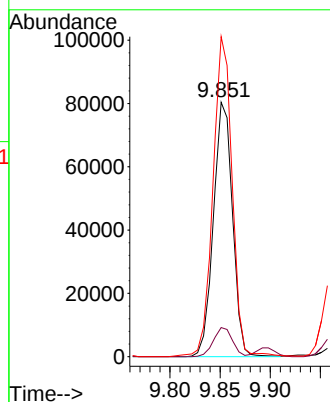
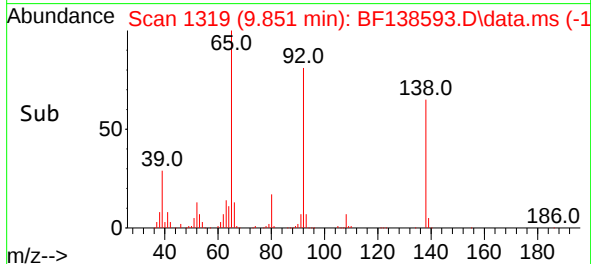
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



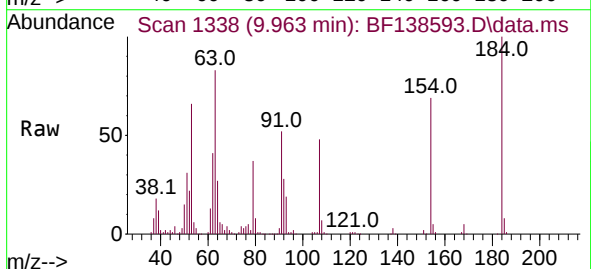
Tgt Ion:138 Resp: 106408
Ion Ratio Lower Upper
138 100
108 11.5 8.3 12.5
92 125.8 92.6 138.8

Manual Integrations
APPROVED

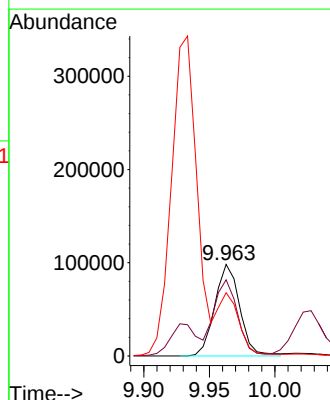
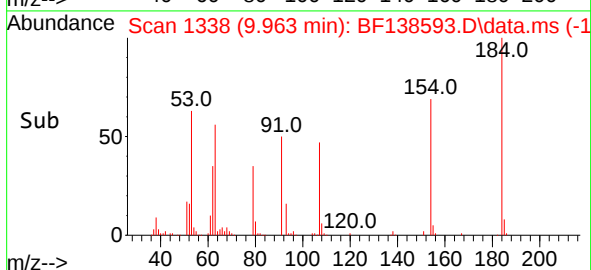
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#54
2,4-Dinitrophenol
Concen: 103.300 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01



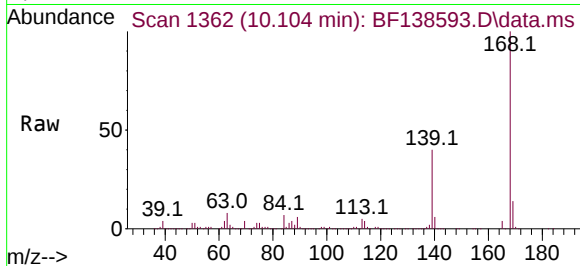
Tgt Ion:184 Resp: 130183
Ion Ratio Lower Upper
184 100
63 83.3 70.6 106.0
154 69.1 53.8 80.6





#55
Dibenzenofuran
Concen: 55.213 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

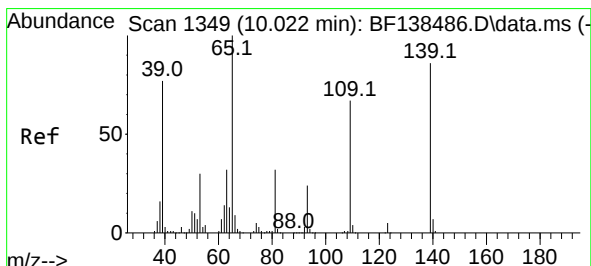
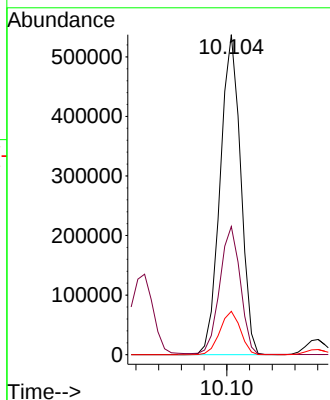
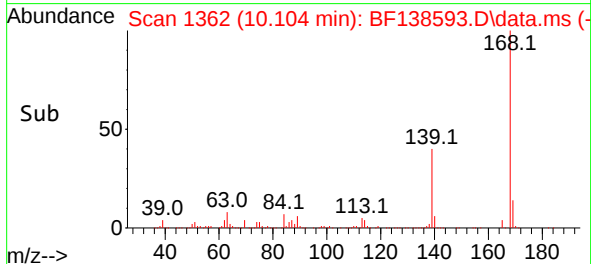
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:168 Resp: 673050
Ion Ratio Lower Upper
168 100
139 40.1 32.4 48.6
169 13.5 10.9 16.3

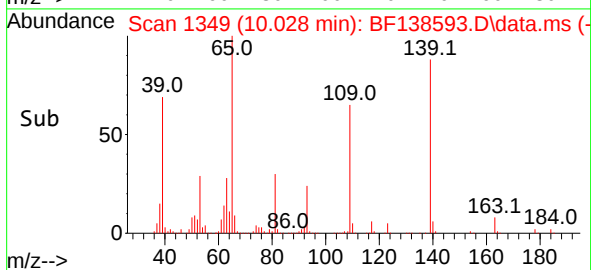
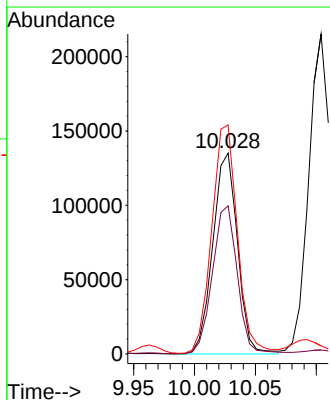
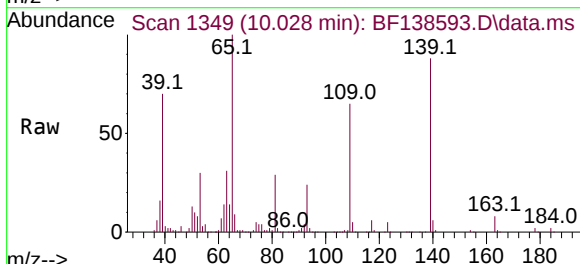
Manual Integrations
APPROVED

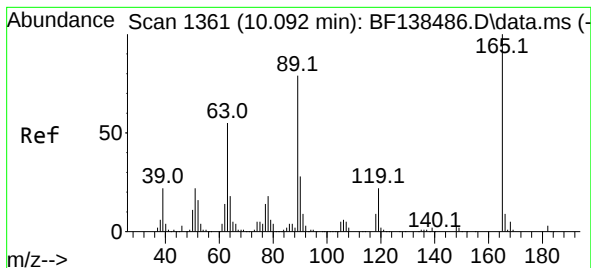
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#56
4-Nitrophenol
Concen: 108.771 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

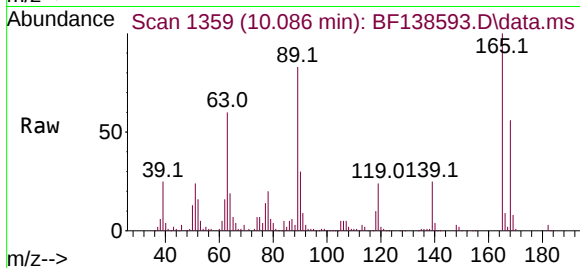
Tgt Ion:139 Resp: 190494
Ion Ratio Lower Upper
139 100
109 73.8 58.1 98.1
65 114.0 96.9 136.9





#57
2,4-Dinitrotoluene
Concen: 57.587 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

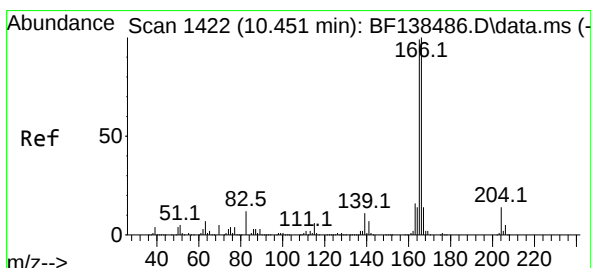
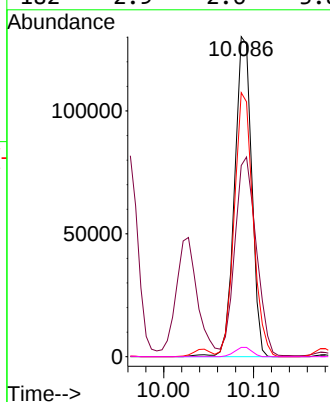
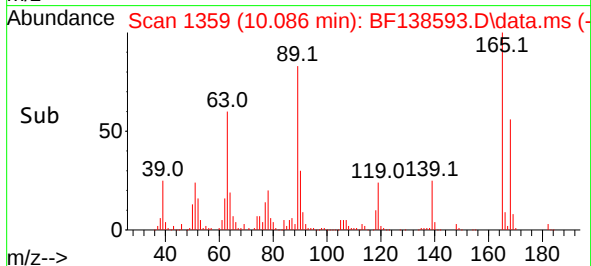
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:165 Resp: 172554
Ion Ratio Lower Upper
165 100
63 59.8 44.6 66.8
89 82.5 63.4 95.2
182 2.9 2.6 3.8

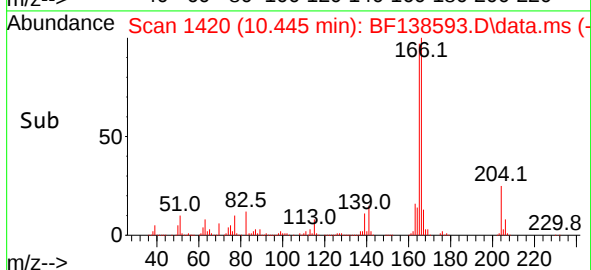
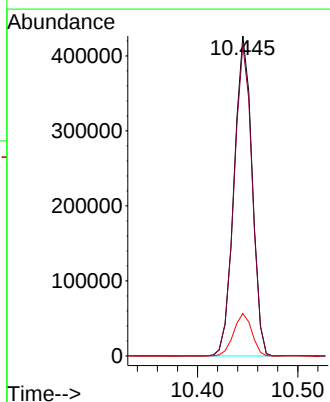
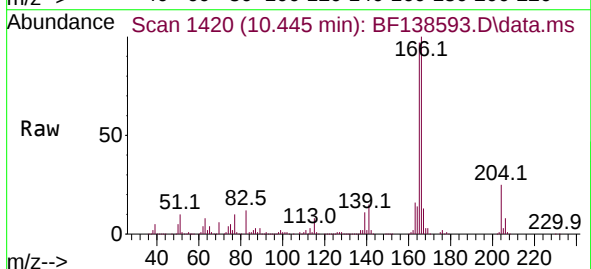
Manual Integrations
APPROVED

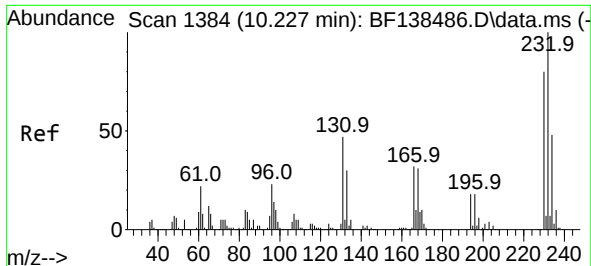
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#58
Fluorene
Concen: 55.212 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

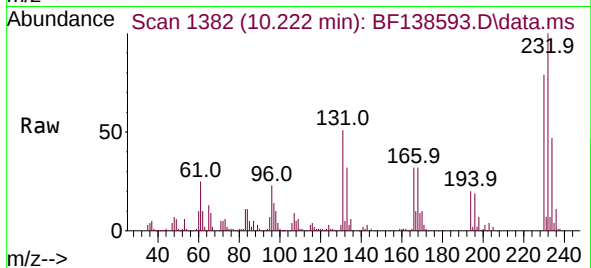
Tgt Ion:166 Resp: 532554
Ion Ratio Lower Upper
166 100
165 97.2 79.1 118.7
167 13.3 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.828 ng
RT: 10.222 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

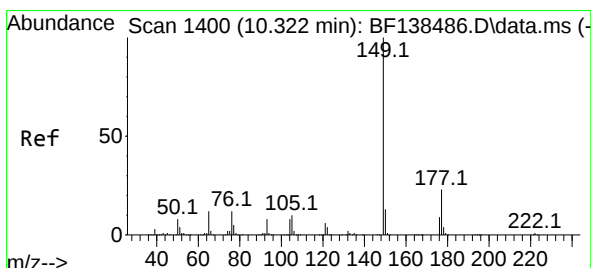
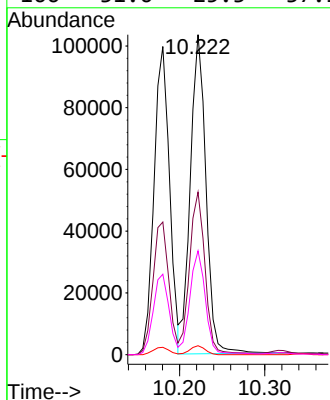
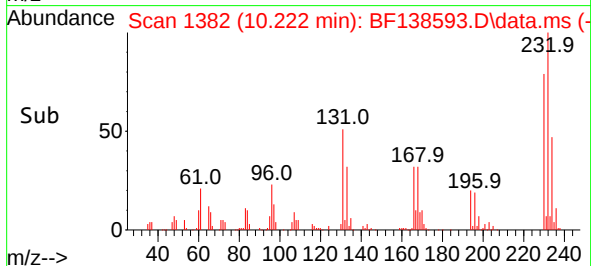
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:232 Resp: 131608
Ion Ratio Lower Upper
232 100
131 50.8 37.5 56.3
130 2.7 2.0 3.0
166 31.6 25.3 37.9

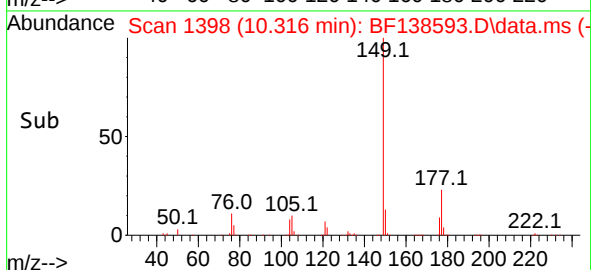
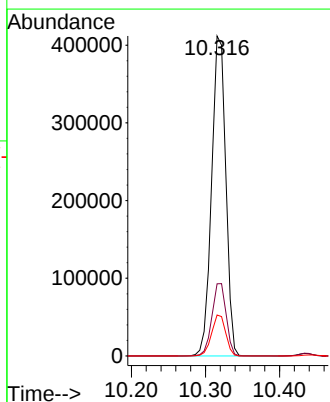
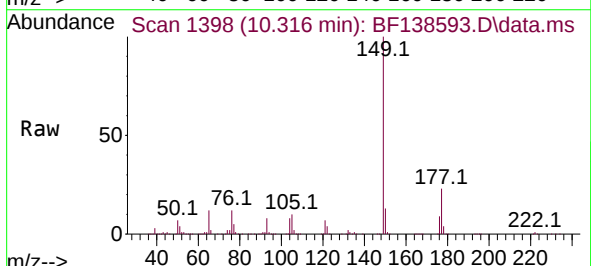
Manual Integrations
APPROVED

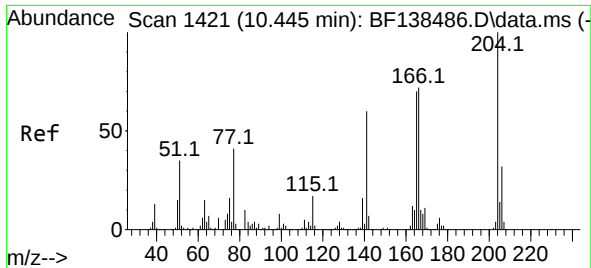
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#60
Diethylphthalate
Concen: 56.410 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

Tgt Ion:149 Resp: 546964
Ion Ratio Lower Upper
149 100
177 22.5 18.5 27.7
150 12.8 10.3 15.5





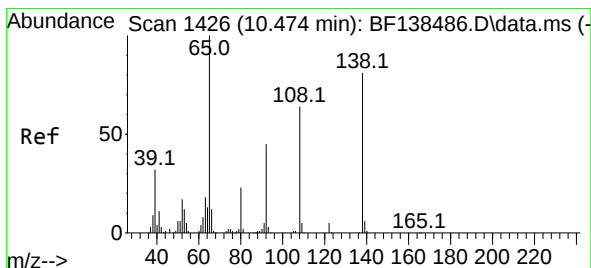
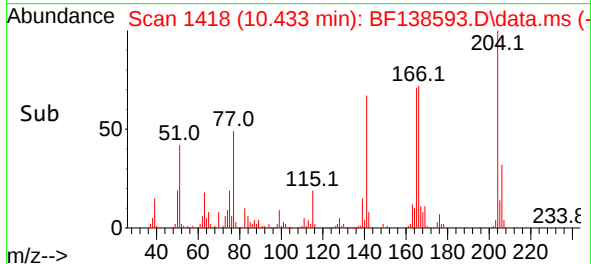
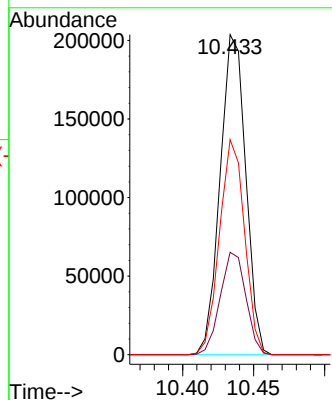
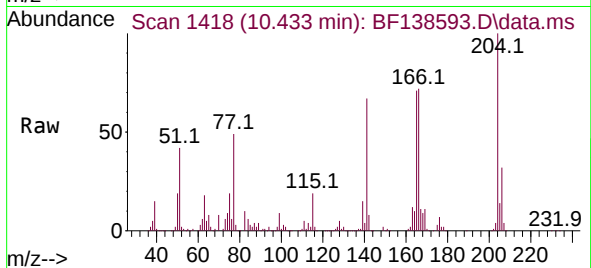
#61
4-Chlorophenyl-phenylether
Concen: 52.794 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

Tgt Ion:204 Resp: 25570
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 67.2 47.7 71.5

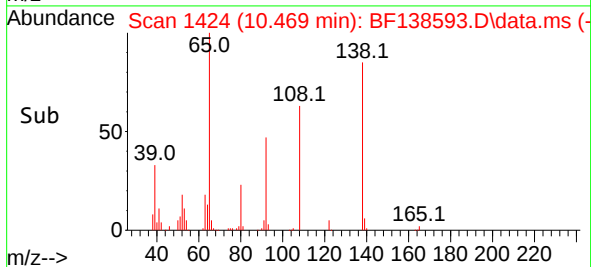
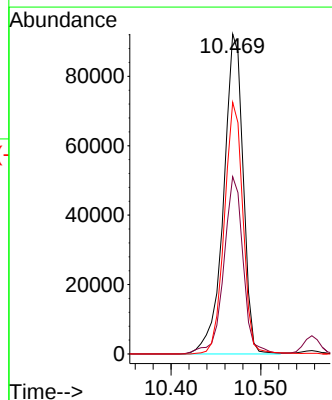
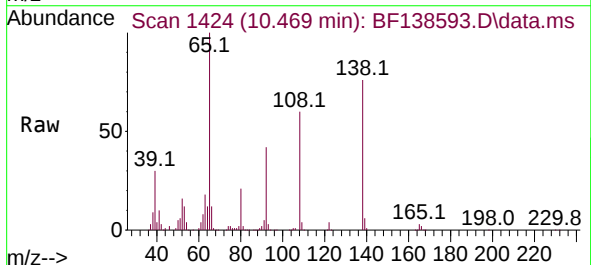
Manual Integrations
APPROVED

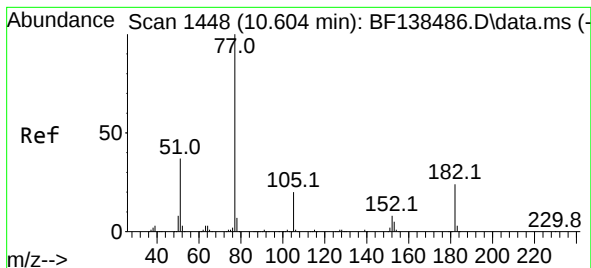
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#62
4-Nitroaniline
Concen: 58.562 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

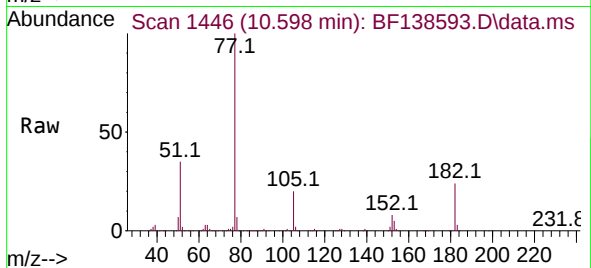
Tgt Ion:138 Resp: 139287
Ion Ratio Lower Upper
138 100
92 55.4 35.8 75.8
108 78.7 59.8 99.8





#63
Azobenzene
Concen: 58.858 ng
RT: 10.598 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

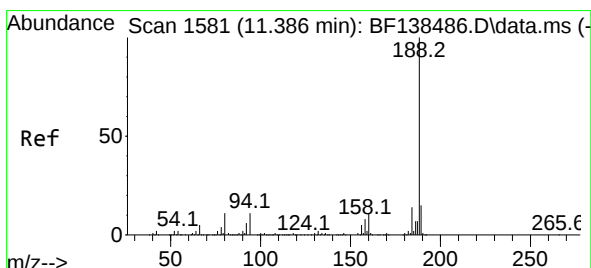
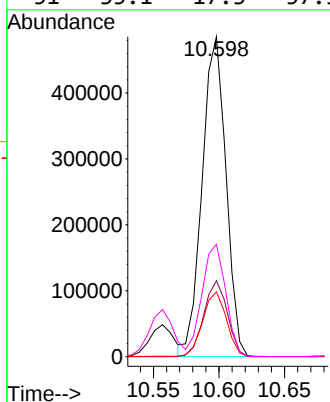
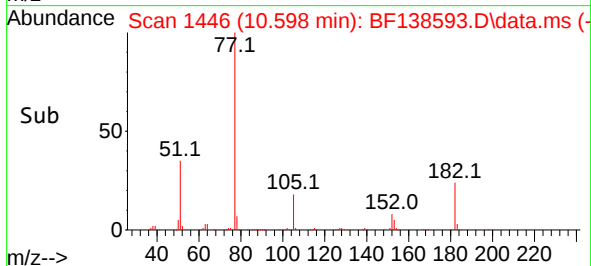
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



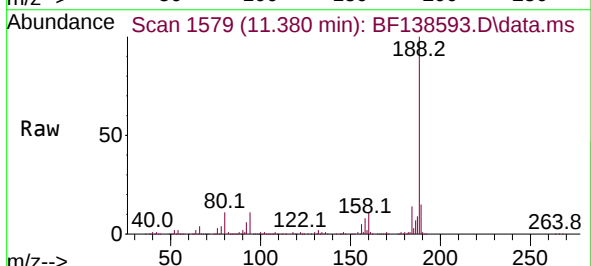
Tgt Ion: 77 Resp: 613570
Ion Ratio Lower Upper
77 100
182 23.7 3.8 43.8
105 20.2 0.0 39.8
51 35.1 17.3 57.3

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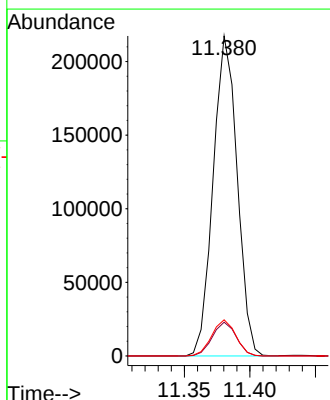
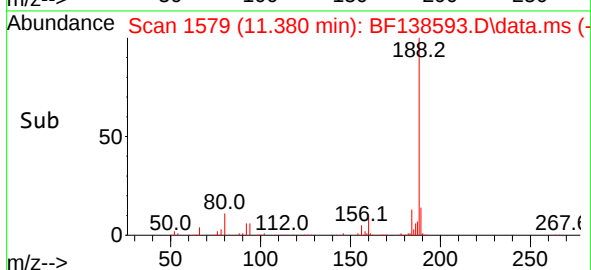
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

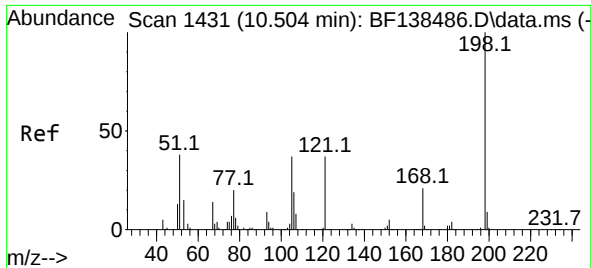


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01



Tgt Ion:188 Resp: 276793
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 11.3 9.0 13.4





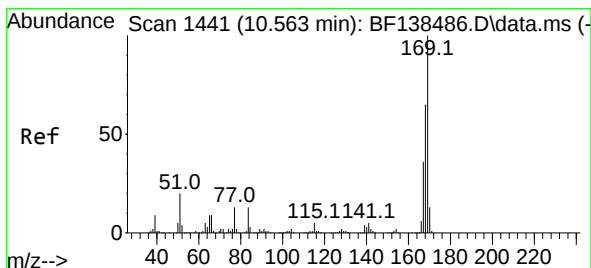
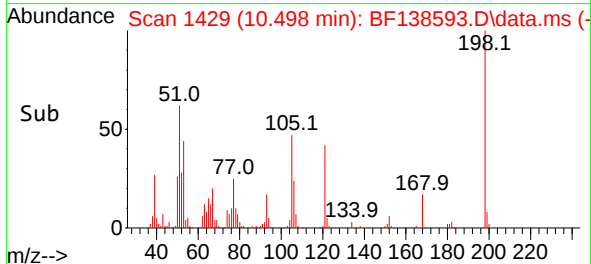
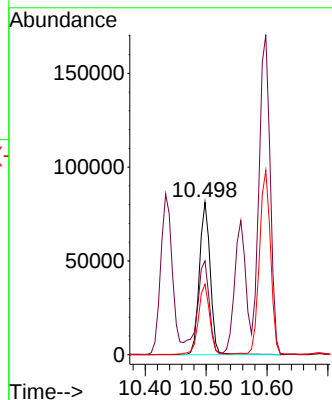
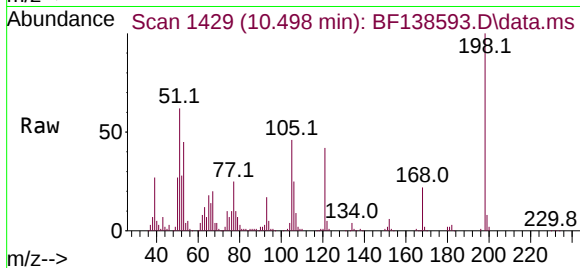
#65
4,6-Dinitro-2-methylphenol
Concen: 62.835 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

Tgt Ion:198 Resp: 100429
Ion Ratio Lower Upper
198 100
51 61.5 27.2 67.2
105 46.3 18.5 58.5

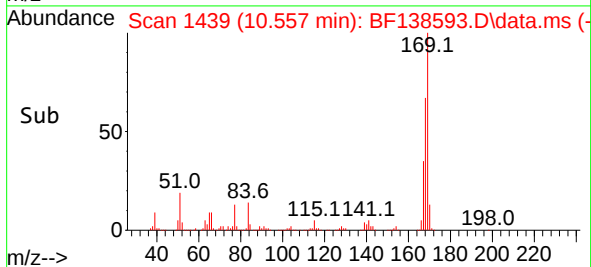
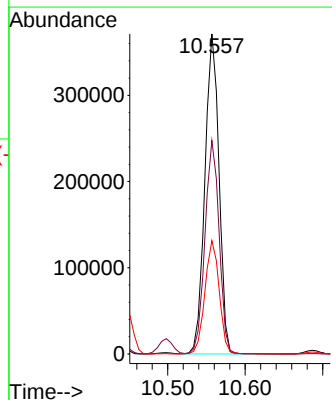
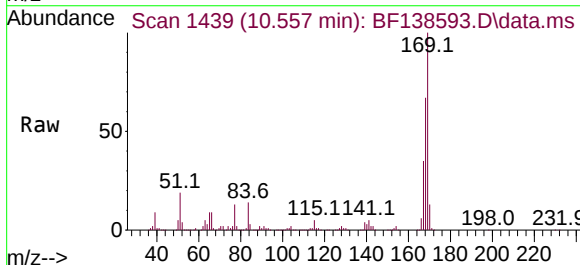
Manual Integrations
APPROVED

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



#66
n-Nitrosodiphenylamine
Concen: 56.479 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

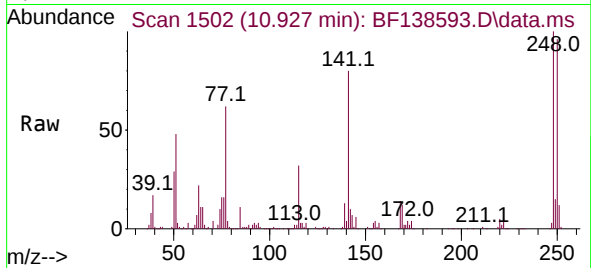
Tgt Ion:169 Resp: 468376
Ion Ratio Lower Upper
169 100
168 66.7 51.7 77.5
167 35.4 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 53.389 ng
RT: 10.927 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

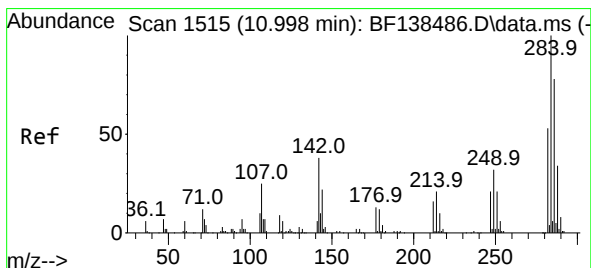
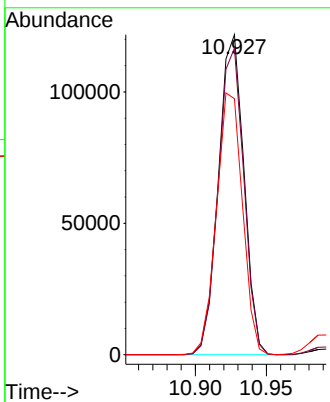
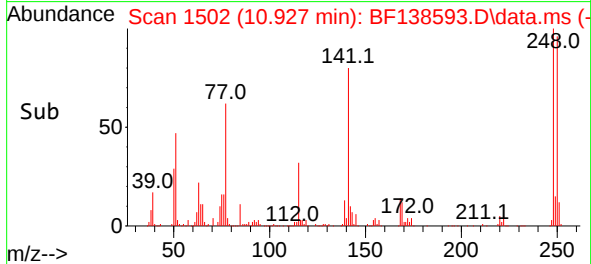
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:248 Resp: 151880
Ion Ratio Lower Upper
248 100
250 95.8 77.9 116.9
141 80.0 67.7 101.5

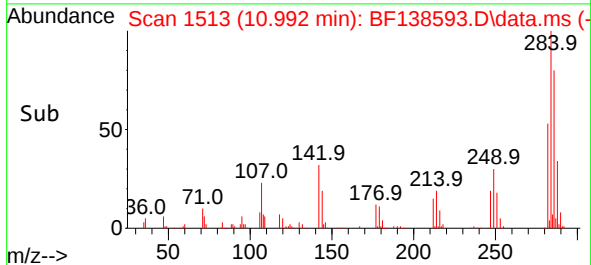
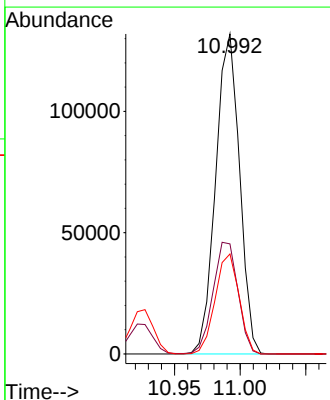
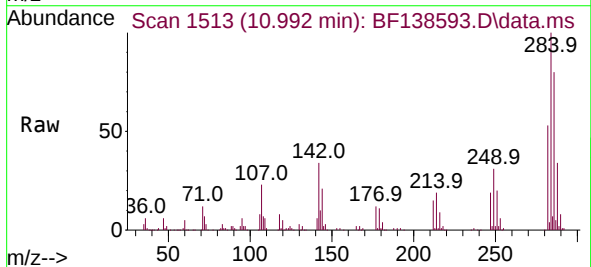
Manual Integrations
APPROVED

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



#68
Hexachlorobenzene
Concen: 52.767 ng
RT: 10.992 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

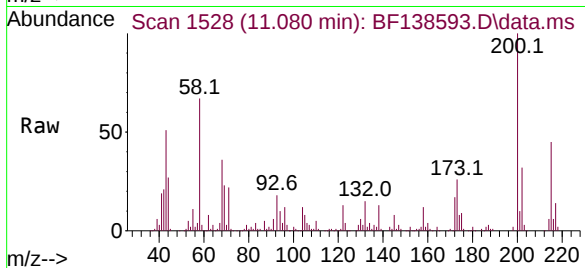
Tgt Ion:284 Resp: 166769
Ion Ratio Lower Upper
284 100
142 34.4 30.5 45.7
249 31.3 25.9 38.9





#69
Atrazine
Concen: 51.687 ng
RT: 11.080 min Scan# 11080
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

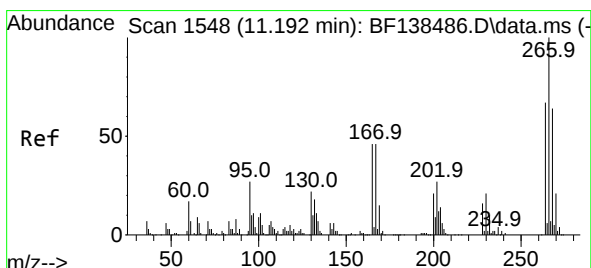
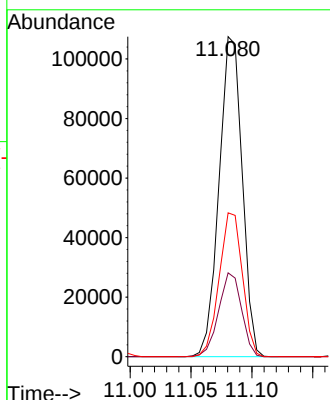
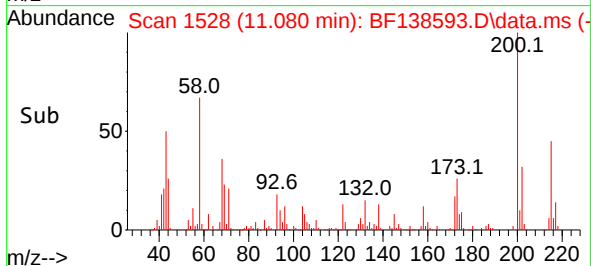
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



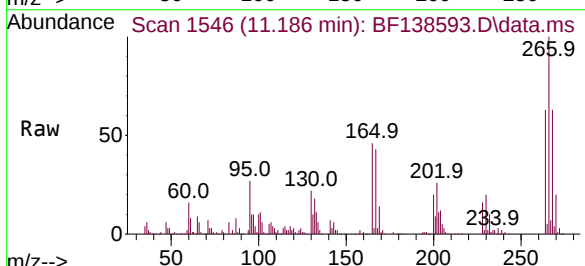
Tgt Ion:200 Resp: 142112
Ion Ratio Lower Upper
200 100
173 26.2 4.1 44.1
215 45.0 26.5 66.5

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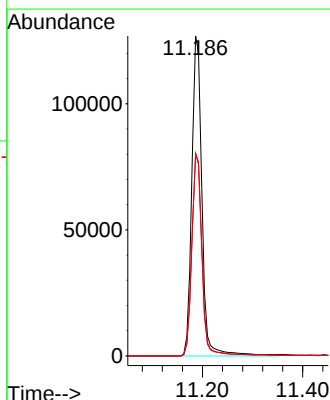
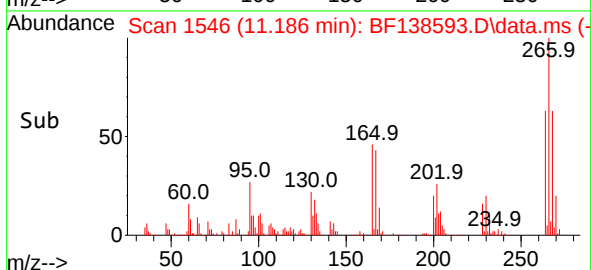
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

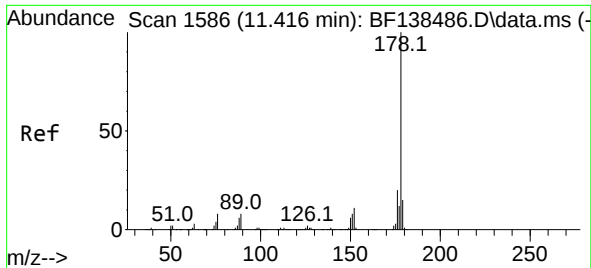


#70
Pentachlorophenol
Concen: 95.646 ng
RT: 11.186 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01



Tgt Ion:266 Resp: 178872
Ion Ratio Lower Upper
266 100
268 63.3 50.9 76.3
264 63.0 53.5 80.3





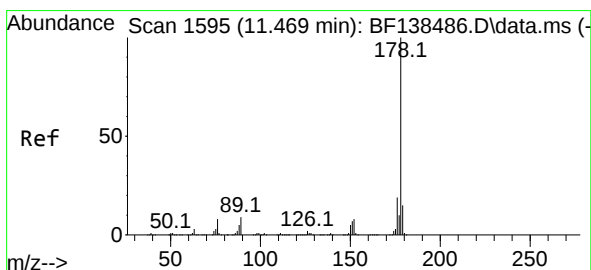
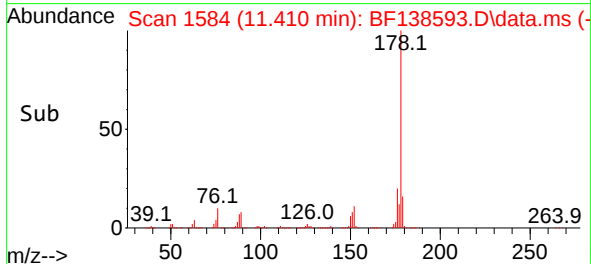
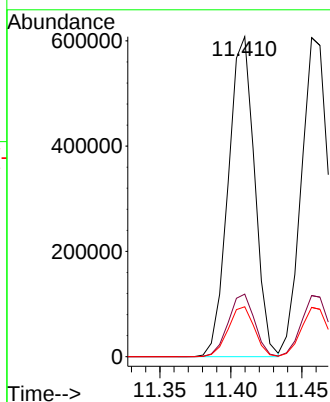
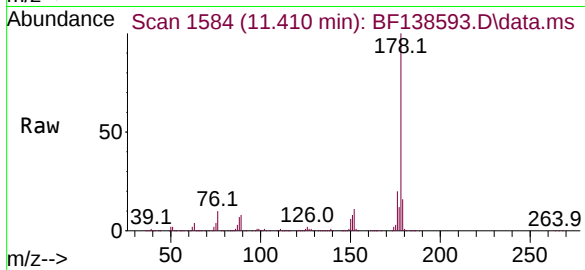
#71
Phenanthrene
Concen: 56.090 ng
RT: 11.410 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS

Tgt Ion:178 Resp: 784350
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.6 12.2 18.2

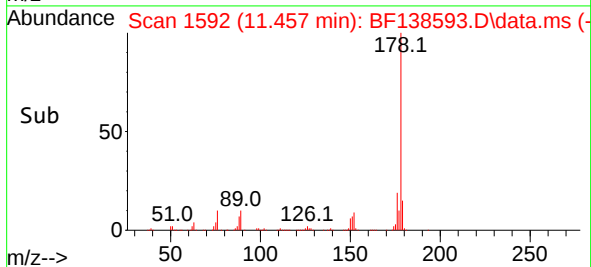
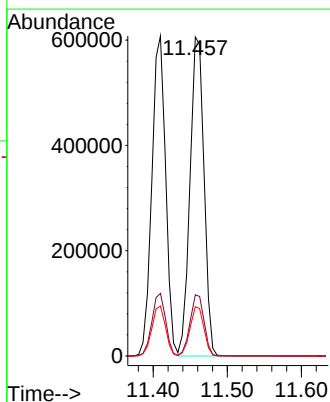
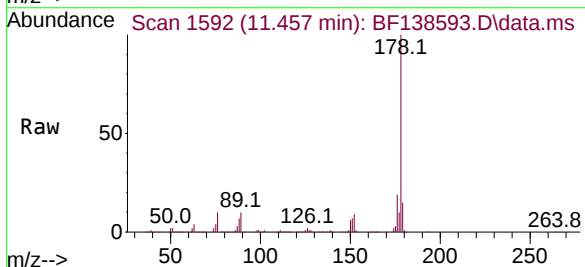
Manual Integrations
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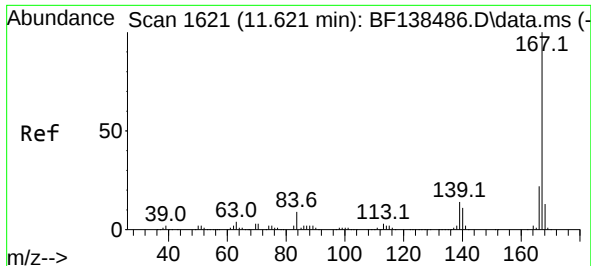
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#72
Anthracene
Concen: 57.388 ng
RT: 11.457 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

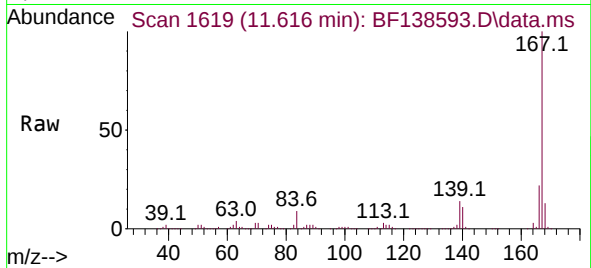
Tgt Ion:178 Resp: 796609
Ion Ratio Lower Upper
178 100
176 19.2 14.8 22.2
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 55.486 ng
 RT: 11.616 min Scan# 1619
 Delta R.T. -0.006 min
 Lab File: BF138593.D
 Acq: 19 Jul 2024 17:01

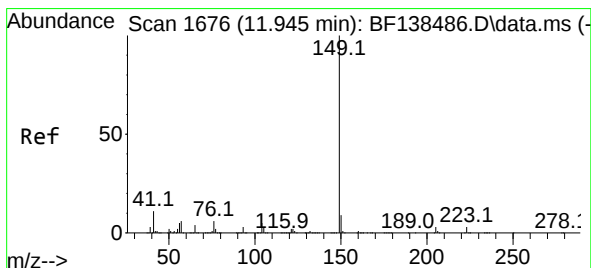
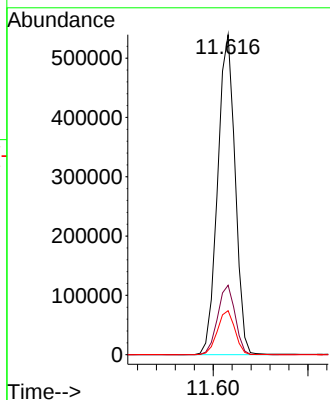
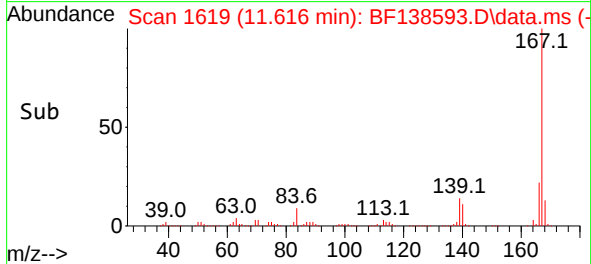
Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-1MS



Tgt Ion:167 Resp: 69216
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 13.8 11.0 16.4

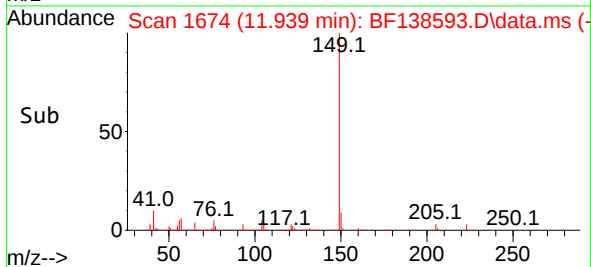
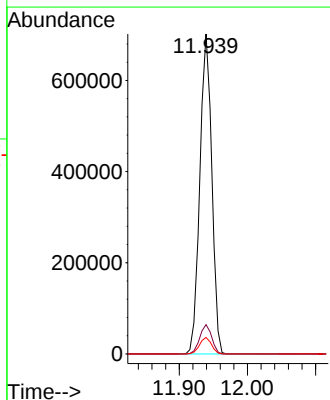
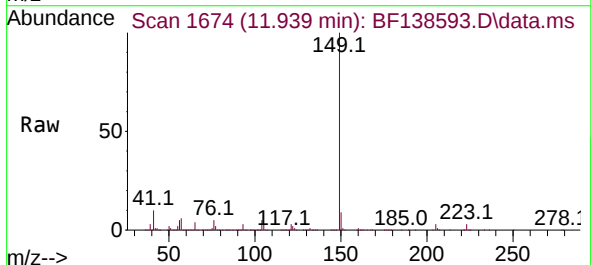
Manual Integrations
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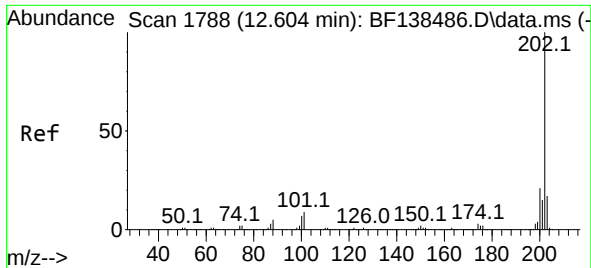
Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024



#74
 Di-n-butylphthalate
 Concen: 59.425 ng
 RT: 11.939 min Scan# 1674
 Delta R.T. -0.006 min
 Lab File: BF138593.D
 Acq: 19 Jul 2024 17:01

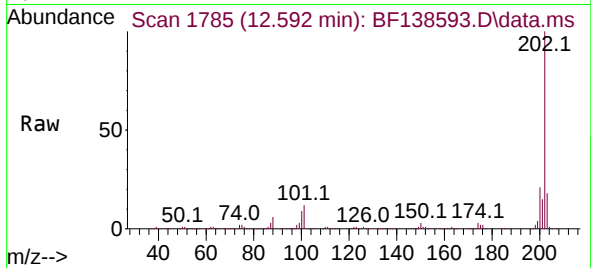
Tgt Ion:149 Resp: 854481
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 52.247 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

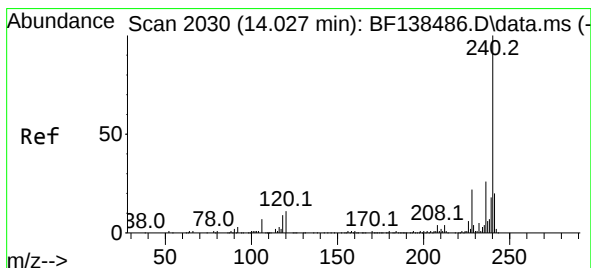
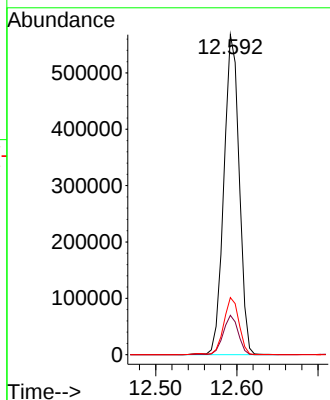
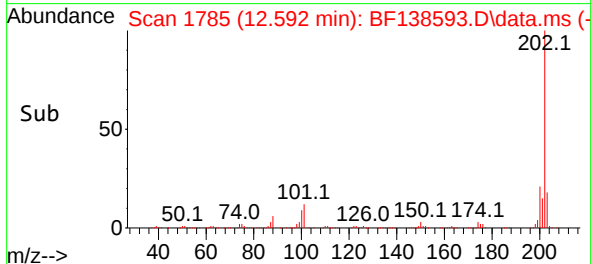
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:202 Resp: 745518
Ion Ratio Lower Upper
202 100
101 12.3 0.0 29.2
203 17.8 0.0 37.3

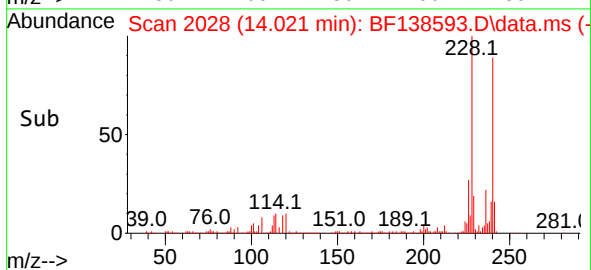
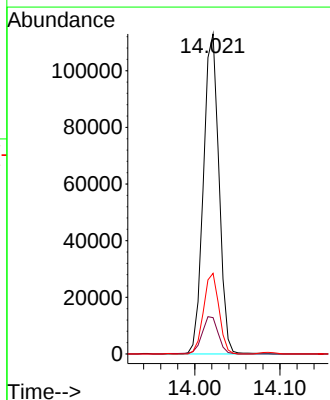
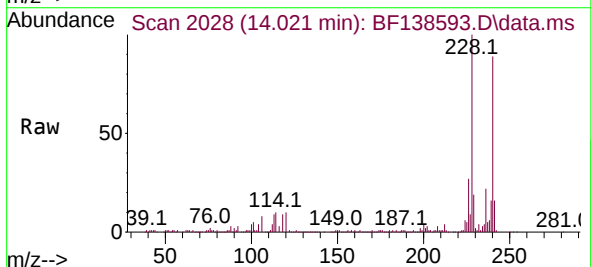
Manual Integrations
APPROVED

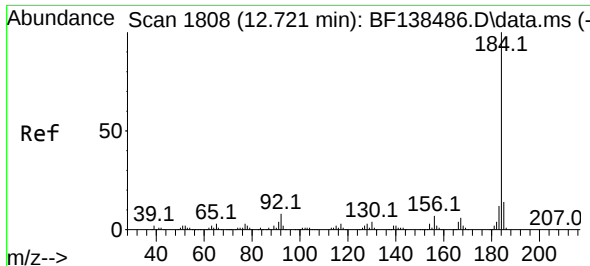
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

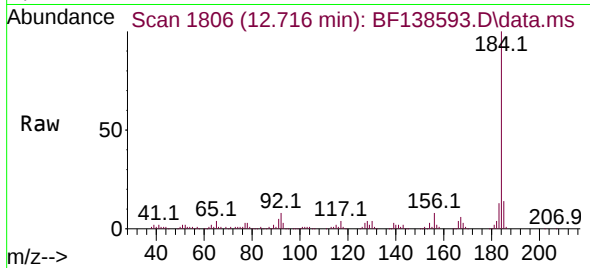
Tgt Ion:240 Resp: 142754
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 25.2 21.0 31.6





#77
Benzidine
Concen: 39.823 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.005 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

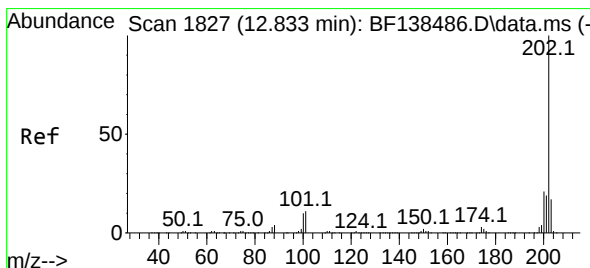
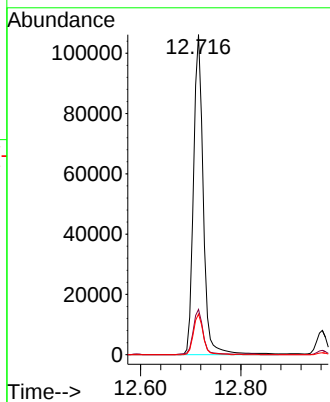
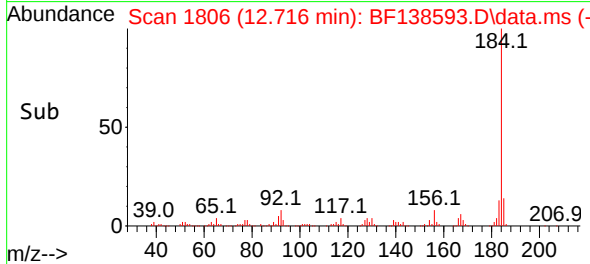
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:184 Resp: 143429
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 12.7 9.5 14.3

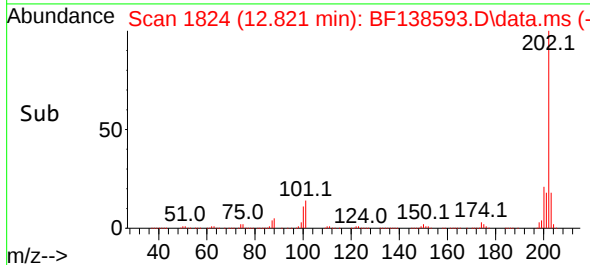
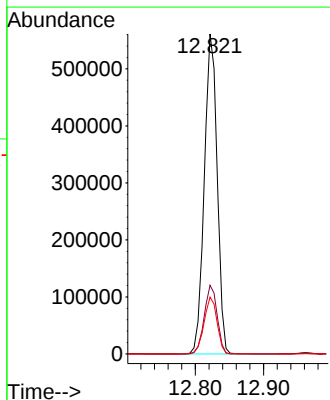
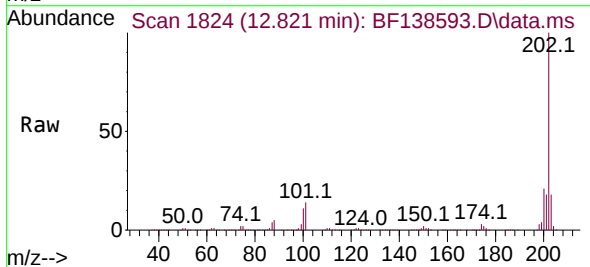
Manual Integrations
APPROVED

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



#78
Pyrene
Concen: 50.837 ng
RT: 12.821 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

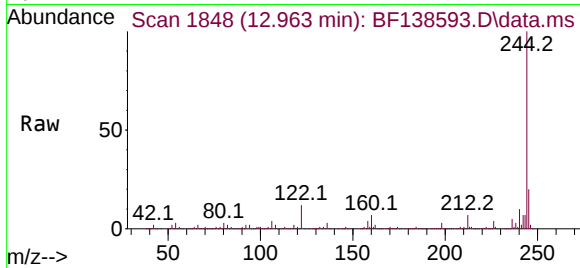
Tgt Ion:202 Resp: 736707
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.8 13.7 20.5





#79
Terphenyl-d14
Concen: 86.959 ng
RT: 12.963 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

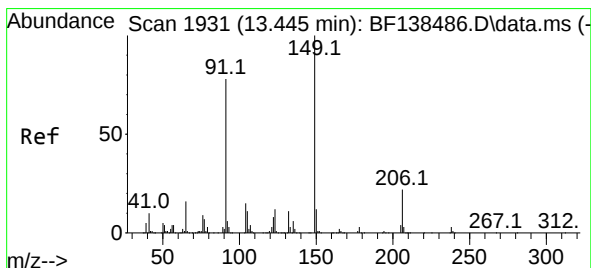
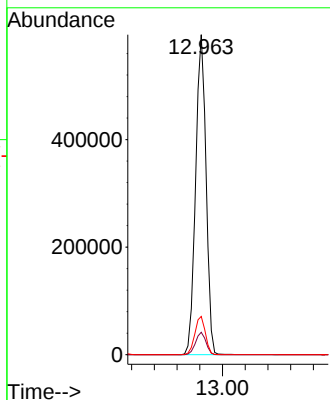
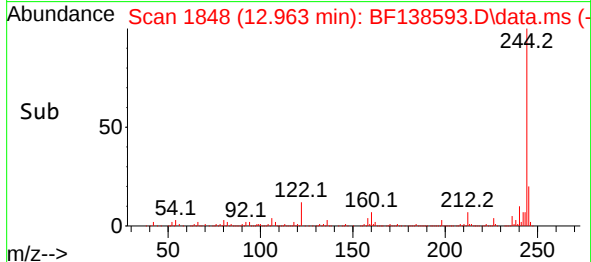
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:244 Resp: 761992
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 11.9 7.8 11.8

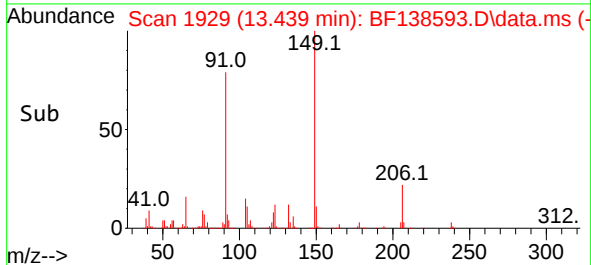
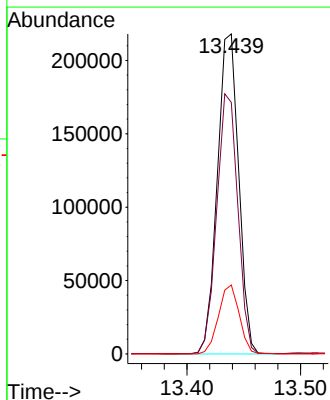
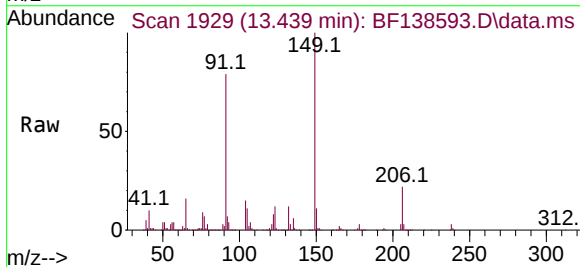
Manual Integrations
APPROVED

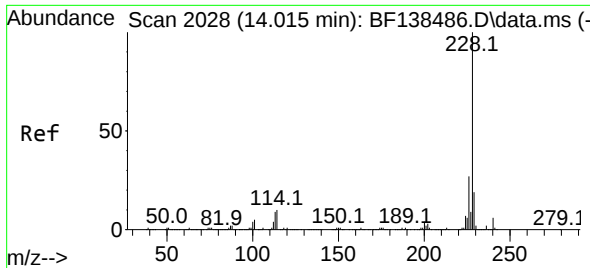
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#80
Butylbenzylphthalate
Concen: 65.440 ng
RT: 13.439 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

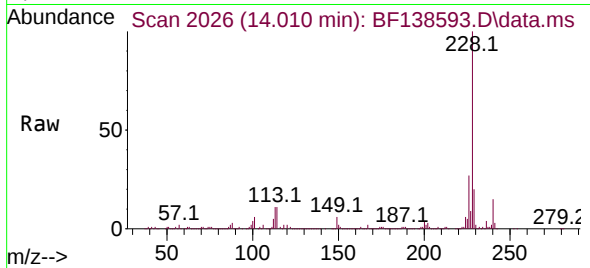
Tgt Ion:149 Resp: 285274
Ion Ratio Lower Upper
149 100
91 78.6 62.1 93.1
206 21.5 18.0 27.0





#81
Benzo(a)anthracene
Concen: 57.479 ng
RT: 14.010 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

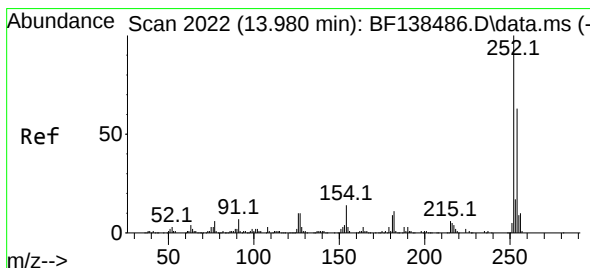
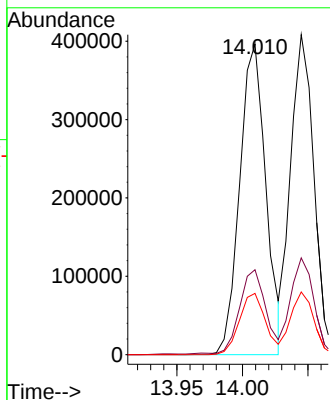
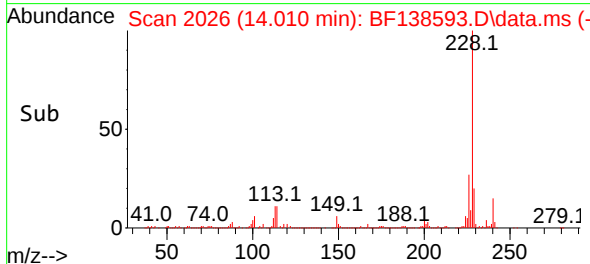
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:228 Resp: 550579
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.7 15.5 23.3

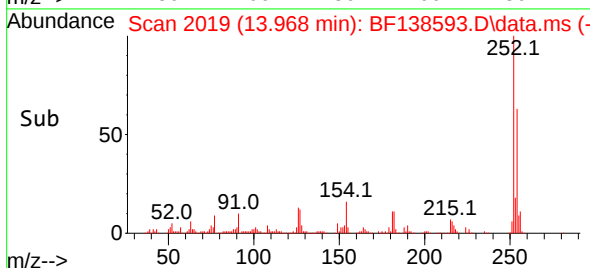
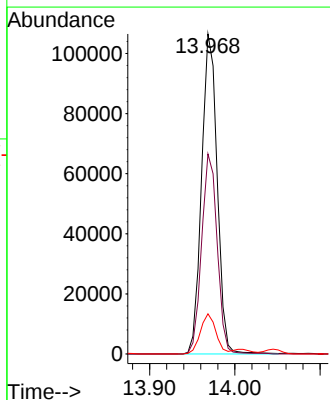
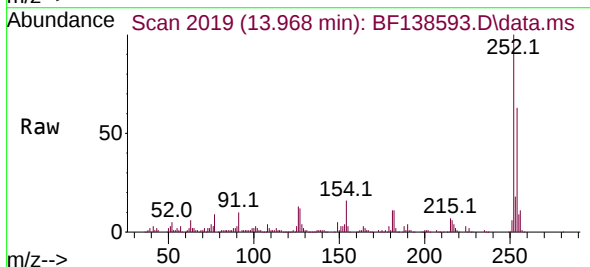
Manual Integrations
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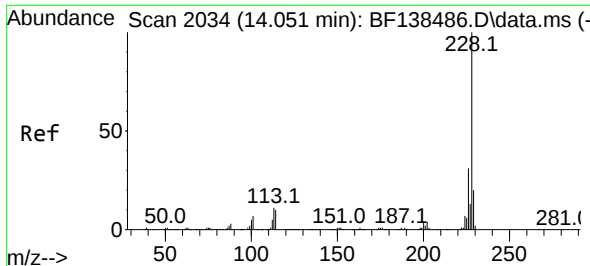
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#82
3,3'-Dichlorobenzidine
Concen: 54.880 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

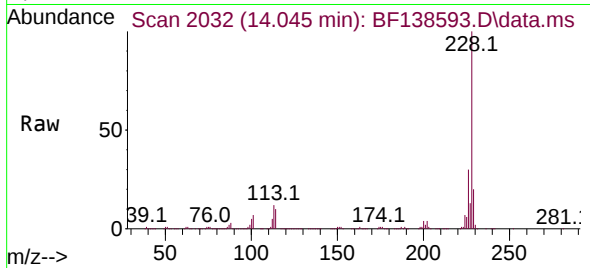
Tgt Ion:252 Resp: 135457
Ion Ratio Lower Upper
252 100
254 62.5 50.3 75.5
126 12.6 8.1 12.1#





#83
Chrysene
Concen: 55.563 ng
RT: 14.045 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

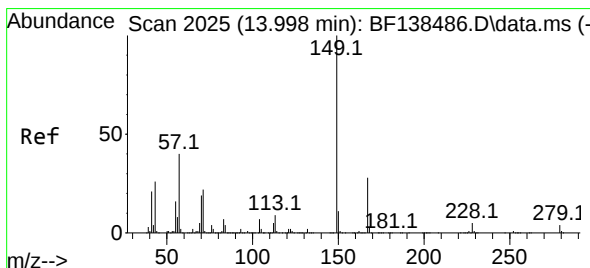
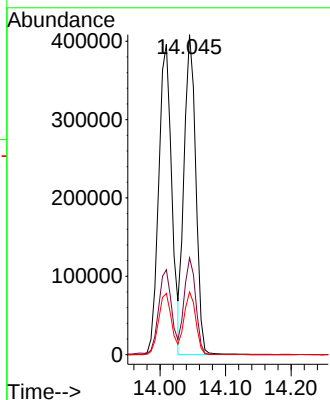
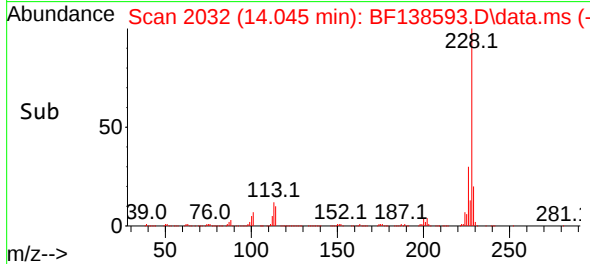
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:228 Resp: 50349
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.6 16.0 24.0

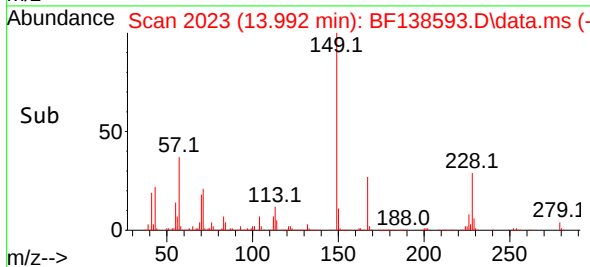
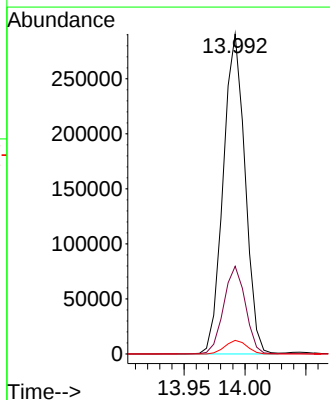
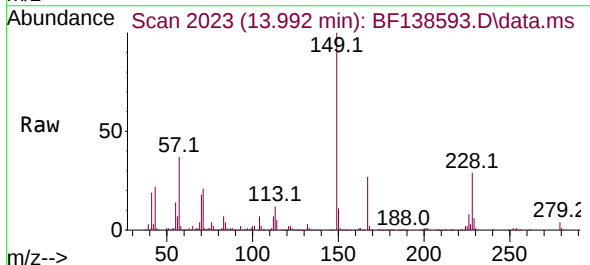
Manual Integrations
APPROVED

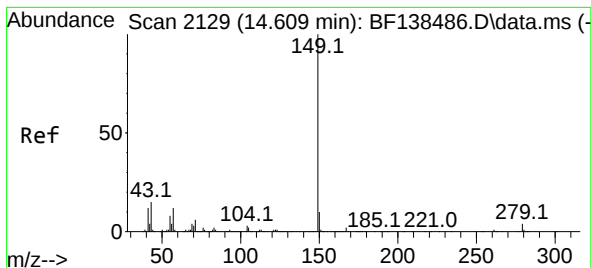
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 78.137 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

Tgt Ion:149 Resp: 363279
Ion Ratio Lower Upper
149 100
167 27.4 22.5 33.7
279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 76.399 ng

RT: 14.604 min Scan# 2129

Delta R.T. -0.005 min

Lab File: BF138593.D

Acq: 19 Jul 2024 17:01

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS

Tgt Ion:149 Resp: 561124

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

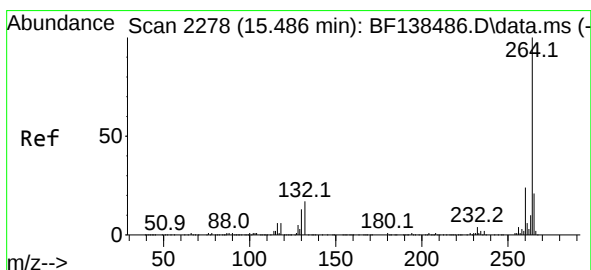
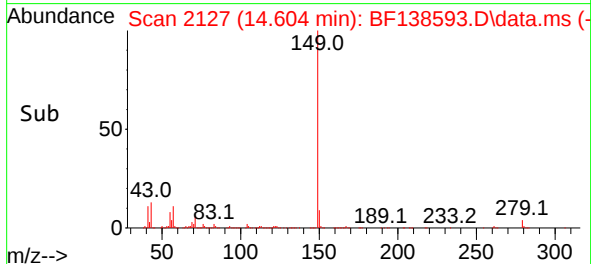
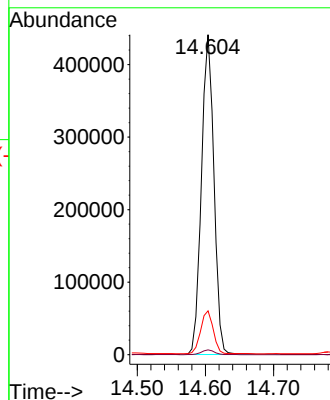
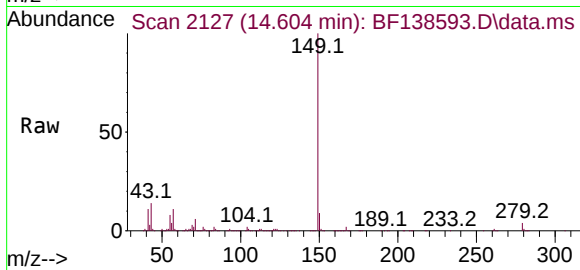
43 13.7 10.7 16.1

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: BF138593.D

Acq: 19 Jul 2024 17:01

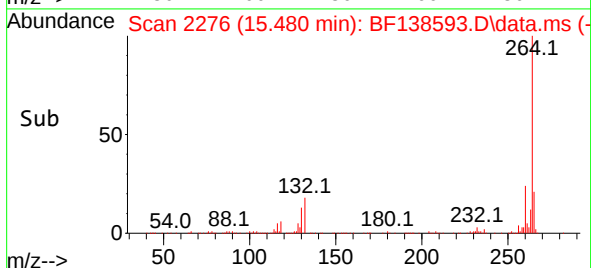
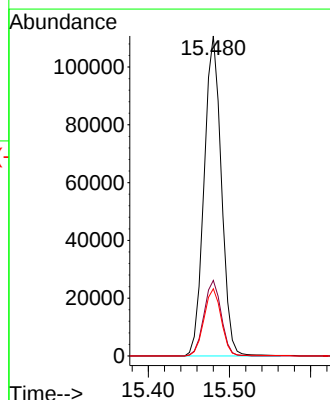
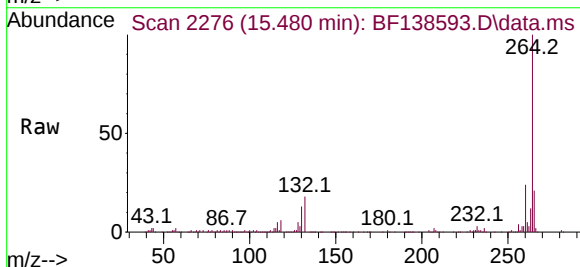
Tgt Ion:264 Resp: 163501

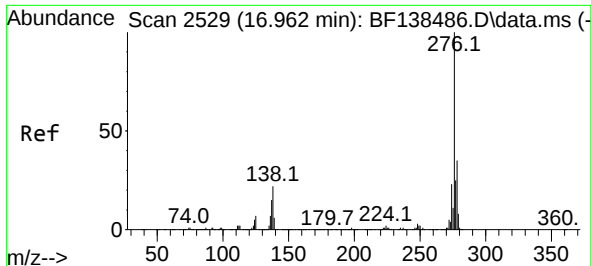
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

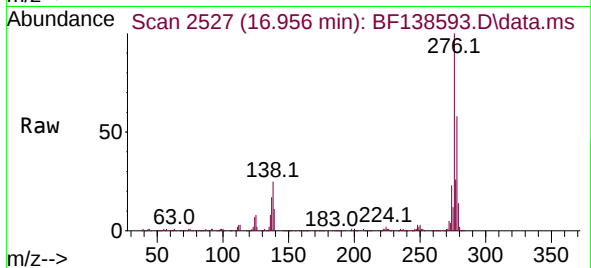
265 21.0 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.414 ng
RT: 16.956 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

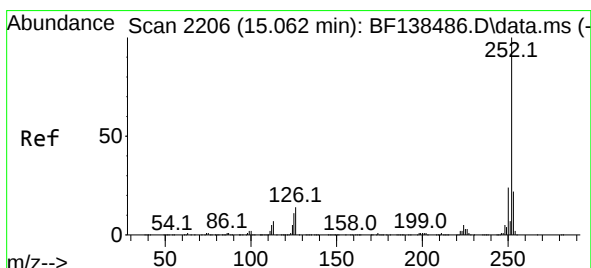
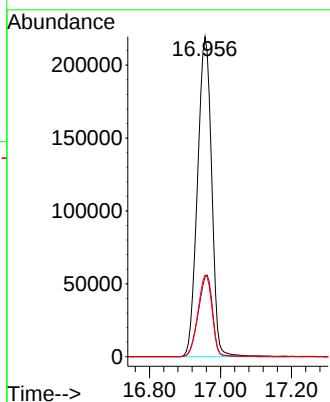
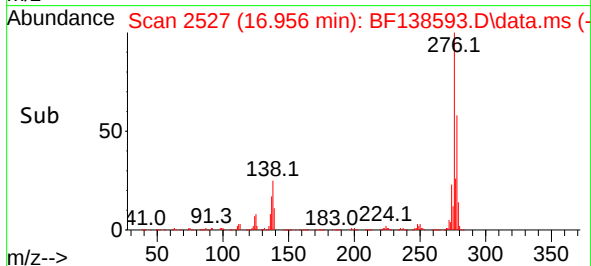
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:276 Resp: 60857
Ion Ratio Lower Upper
276 100
138 25.7 19.6 29.4
277 25.7 20.5 30.7

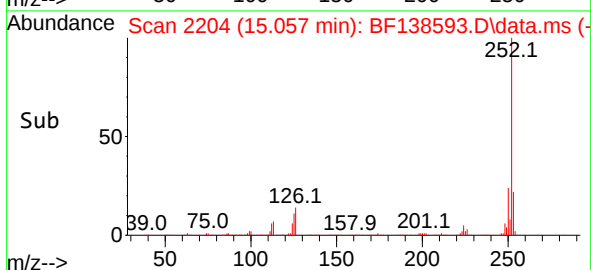
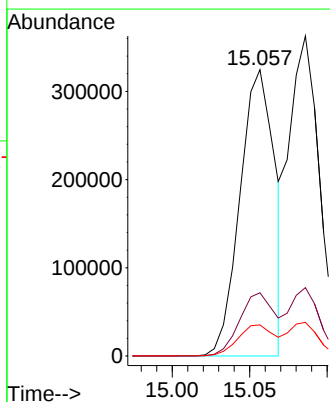
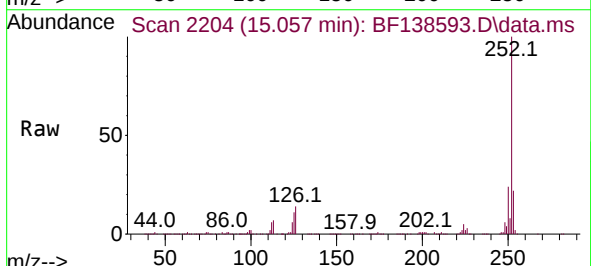
Manual Integrations
APPROVED

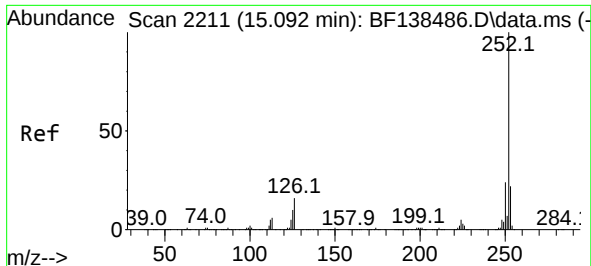
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#88
Benzo(b)fluoranthene
Concen: 54.958 ng
RT: 15.057 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

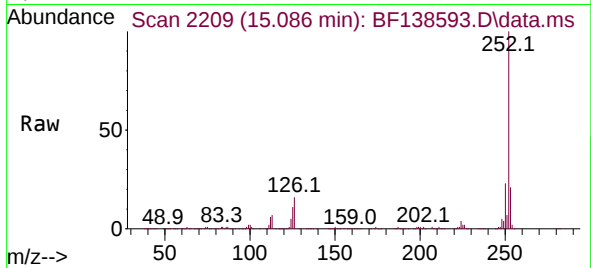
Tgt Ion:252 Resp: 506047
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.8 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 54.800 ng
RT: 15.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

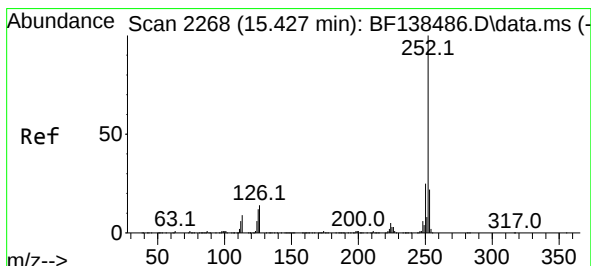
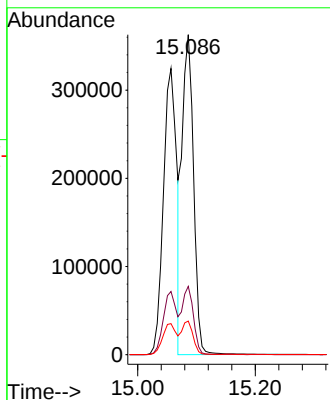
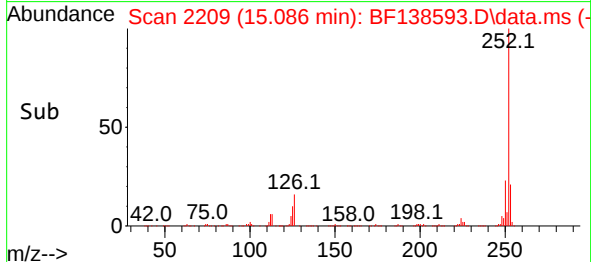
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1MS



Tgt Ion:252 Resp: 49212
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 10.5 8.1 12.1

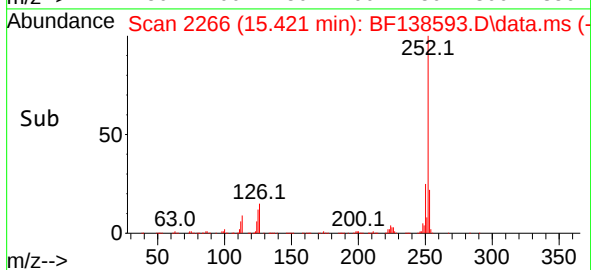
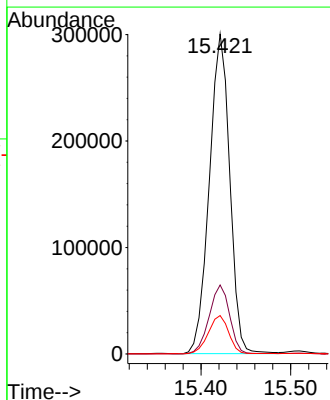
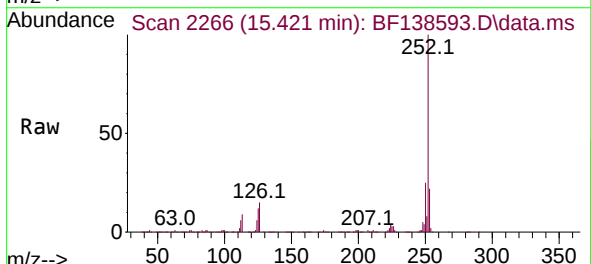
Manual Integrations
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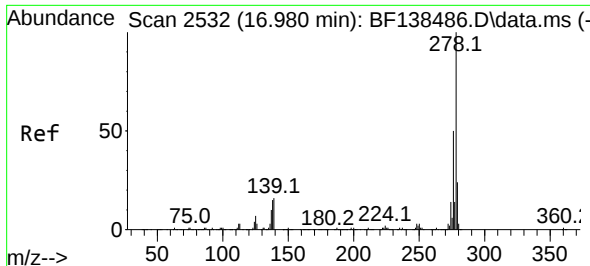
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#90
Benzo(a)pyrene
Concen: 58.717 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF138593.D
Acq: 19 Jul 2024 17:01

Tgt Ion:252 Resp: 474945
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 12.0 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 53.827 ng

RT: 16.974 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138593.D

Acq: 19 Jul 2024 17:01

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1MS

Tgt Ion:278 Resp: 48356

Ion Ratio Lower Upper

278 100

139 15.8 12.8 19.2

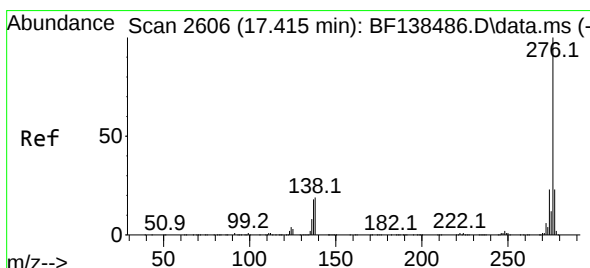
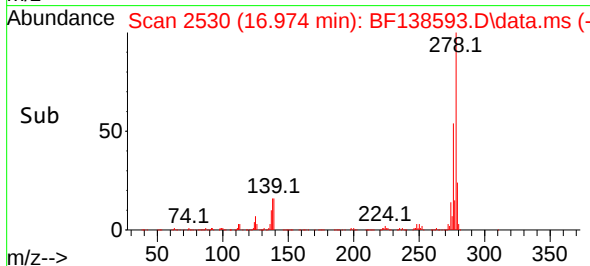
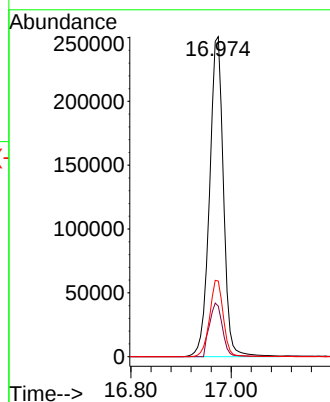
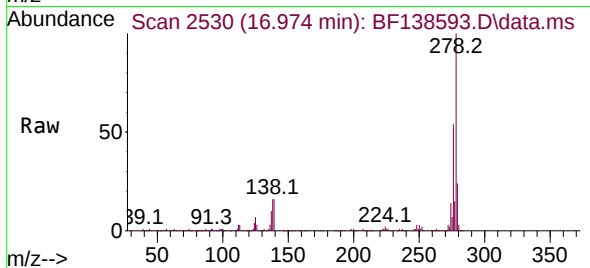
279 23.7 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#92

Benzo(g,h,i)perylene

Concen: 48.462 ng

RT: 17.398 min Scan# 2602

Delta R.T. -0.018 min

Lab File: BF138593.D

Acq: 19 Jul 2024 17:01

Tgt Ion:276 Resp: 461661

Ion Ratio Lower Upper

276 100

277 24.0 18.0 27.0

138 22.3 15.5 23.3

