

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
 Data File : BF134419.D
 Acq On : 22 Jul 2023 13:23
 Operator : CG\JU
 Sample : 03668-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-DRUMMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 22 13:55:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	69887	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	224249	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	114420	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	227009	20.000	ng	0.00
76) Chrysene-d12	14.039	240	171107	20.000	ng	0.00
86) Perylene-d12	15.545	264	156511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	499224	119.491	ng	0.03
7) Phenol-d6	6.486	99	545634	106.195	ng	0.00
23) Nitrobenzene-d5	7.404	82	395276	95.017	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	223511	155.800	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	769136	97.731	ng	0.00
79) Terphenyl-d14	12.974	244	963152	90.593	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.834	88	61757m	35.849	ng	Qvalue
3) Pyridine	3.575	79	130469	29.076	ng	96
4) n-Nitrosodimethylamine	3.504	42	103722	40.472	ng	100
6) Aniline	6.510	93	100172	16.022	ng	# 77
8) 2-Chlorophenol	6.628	128	198081	46.705	ng	99
9) Benzaldehyde	6.398	77	74250	23.512	ng	90
10) Phenol	6.498	94	192267	35.590	ng	90
11) bis(2-Chloroethyl)ether	6.575	93	174407	43.851	ng	97
12) 1,3-Dichlorobenzene	6.781	146	212615	47.023	ng	98
13) 1,4-Dichlorobenzene	6.857	146	202456	44.331	ng	99
14) 1,2-Dichlorobenzene	7.004	146	179073	41.868	ng	99
15) Benzyl Alcohol	6.986	79	161456	40.762	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	223659	31.787	ng	79
17) 2-Methylphenol	7.098	107	138202	36.390	ng	# 93
18) Hexachloroethane	7.345	117	77887	45.995	ng	95
19) n-Nitroso-di-n-propyla...	7.251	70	129496	39.743	ng	97
20) 3+4-Methylphenols	7.257	107	176630	38.336	ng	# 81
22) Acetophenone	7.251	105	263772	51.720	ng	93
24) Nitrobenzene	7.422	77	194948	46.374	ng	94
25) Isophorone	7.663	82	344917	45.620	ng	98
26) 2-Nitrophenol	7.739	139	93873	46.549	ng	97
27) 2,4-Dimethylphenol	7.780	122	152323	47.717	ng	94
28) bis(2-Chloroethoxy)met...	7.869	93	190585	43.534	ng	99
29) 2,4-Dichlorophenol	7.986	162	150031	47.397	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	156753	47.992	ng	99
31) Naphthalene	8.139	128	505205	46.640	ng	99
32) Benzoic acid	7.898	122	28732m	12.012	ng	
33) 4-Chloroaniline	8.198	127	17102	3.691	ng	93
34) Hexachlorobutadiene	8.251	225	103244	50.110	ng	99
35) Caprolactam	8.580	113	36973m	35.474	ng	
36) 4-Chloro-3-methylphenol	8.686	107	170172	47.854	ng	94
37) 2-Methylnaphthalene	8.833	142	365233	47.681	ng	99
38) 1-Methylnaphthalene	8.933	142	348579	48.951	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	164469	48.518	ng	100
41) Hexachlorocyclopentadiene	8.980	237	126489	78.652	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	108252	46.910	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
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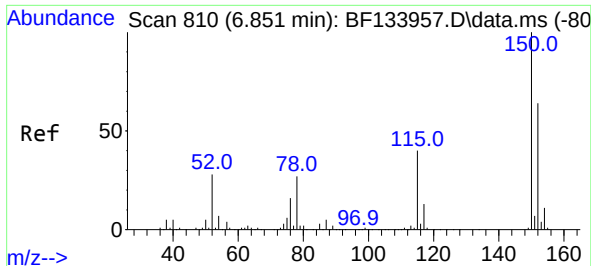
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	117140	43.155	ng	95
46) 1,1'-Biphenyl	9.298	154	430716	46.927	ng	98
47) 2-Chloronaphthalene	9.327	162	327316	48.741	ng	99
48) 2-Nitroaniline	9.427	65	111221	45.444	ng	97
49) Acenaphthylene	9.745	152	534799	46.619	ng	99
50) Dimethylphthalate	9.604	163	400001	48.159	ng	99
51) 2,6-Dinitrotoluene	9.674	165	87742	49.047	ng	96
52) Acenaphthene	9.916	154	321035	48.229	ng	99
53) 3-Nitroaniline	9.839	138	23702	11.044	ng	# 88
54) 2,4-Dinitrophenol	9.963	184	83902	81.154	ng	99
55) Dibenzofuran	10.086	168	478027	45.950	ng	96
56) 4-Nitrophenol	10.027	139	93518	62.296	ng	96
57) 2,4-Dinitrotoluene	10.080	165	117212	49.613	ng	# 83
58) Fluorene	10.433	166	403800	49.892	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	95203m	44.464	ng	
60) Diethylphthalate	10.304	149	410823	47.476	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	188980	48.452	ng	95
62) 4-Nitroaniline	10.463	138	83063	38.405	ng	91
63) Azobenzene	10.586	77	365675	44.674	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	58391	47.179	ng	95
66) n-Nitrosodiphenylamine	10.545	169	342000	47.153	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	119267	49.430	ng	97
68) Hexachlorobenzene	10.986	284	140979	55.030	ng	# 90
69) Atrazine	11.080	200	114442	57.043	ng	98
70) Pentachlorophenol	11.186	266	115134	75.163	ng	98
71) Phenanthrene	11.404	178	568955	49.786	ng	99
72) Anthracene	11.451	178	576611	48.510	ng	100
73) Carbazole	11.616	167	540621	49.691	ng	98
74) Di-n-butylphthalate	11.933	149	641349	49.571	ng	99
75) Fluoranthene	12.598	202	631282	51.096	ng	96
77) Benzidine	12.721	184	199582	49.021	ng	99
78) Pyrene	12.827	202	641704	40.298	ng	99
80) Butylbenzylphthalate	13.445	149	276367	46.276	ng	99
81) Benzo(a)anthracene	14.027	228	564045	47.532	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	98506	26.201	ng	100
83) Chrysene	14.068	228	509430	44.323	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	362481	52.821	ng	100
85) Di-n-octyl phthalate	14.627	149	564681	56.001	ng	96
87) Indeno(1,2,3-cd)pyrene	17.109	276	509551	46.919	ng	# 94
88) Benzo(b)fluoranthene	15.104	252	462797	50.288	ng	99
89) Benzo(k)fluoranthene	15.133	252	462681m	49.379	ng	
90) Benzo(a)pyrene	15.486	252	401702	45.139	ng	# 97
91) Dibenzo(a,h)anthracene	17.121	278	419259	47.264	ng	# 96
92) Benzo(g,h,i)perylene	17.580	276	410955	44.924	ng	# 94

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

Manual Integrations

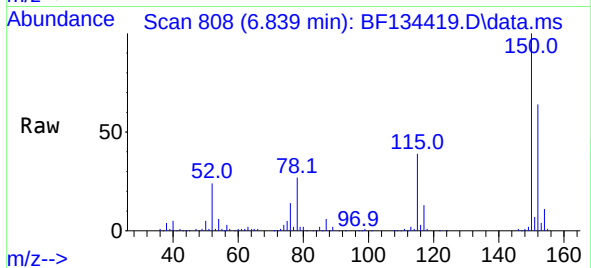
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

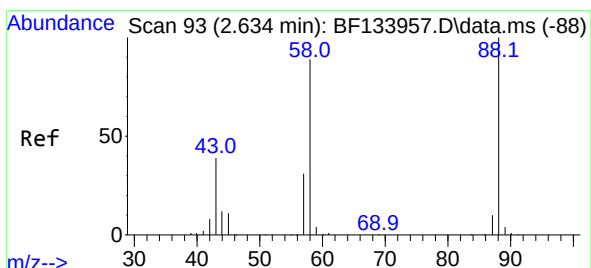
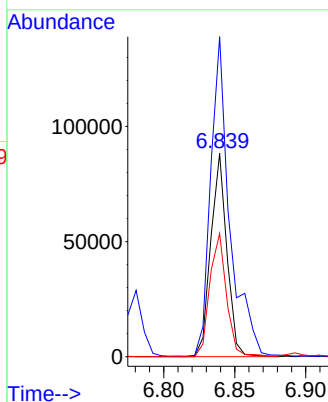
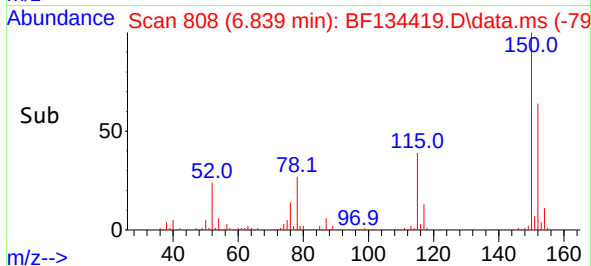
Instrument :
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ClientSampleId :
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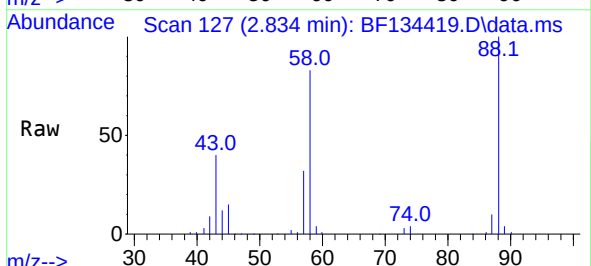
Tgt Ion:152 Resp: 6988
Ion Ratio Lower Upper
152 100
150 157.3 124.5 186.7
115 60.6 50.2 75.2

Manual Integrations
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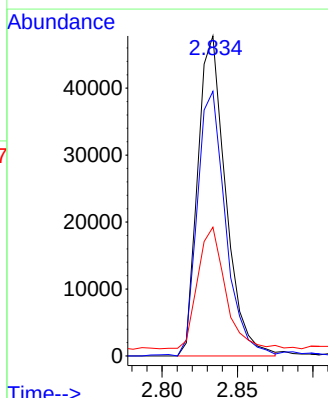
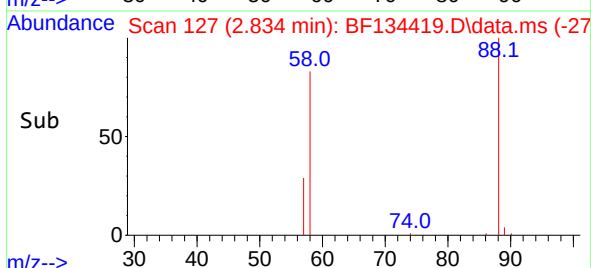
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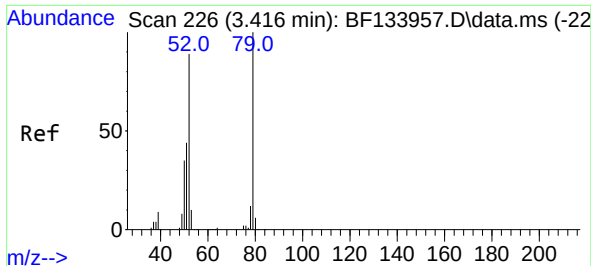


#2
1,4-Dioxane
Concen: 35.849 ng m
RT: 2.834 min Scan# 127
Delta R.T. 0.241 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



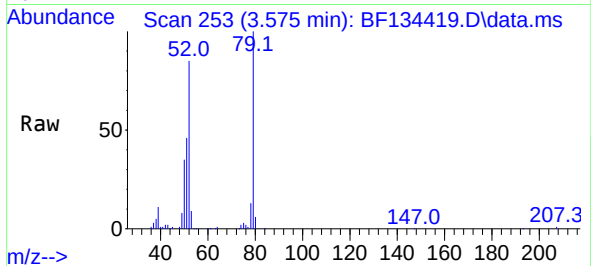
Tgt Ion: 88 Resp: 61757
Ion Ratio Lower Upper
88 100
58 83.5 68.8 103.2
43 0.0 30.7 46.1#





#3
Pyridine
Concen: 29.076 ng
RT: 3.575 min Scan# 241
Delta R.T. 0.194 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

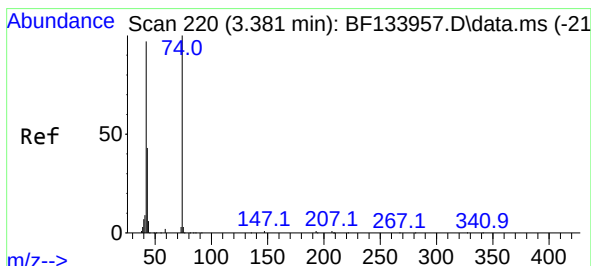
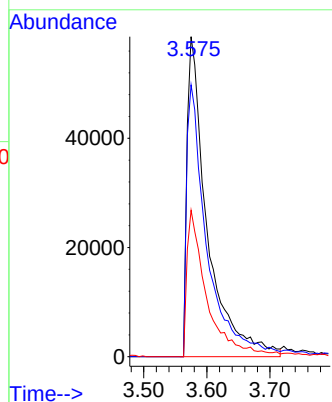
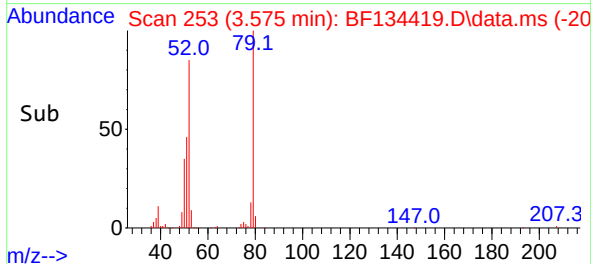
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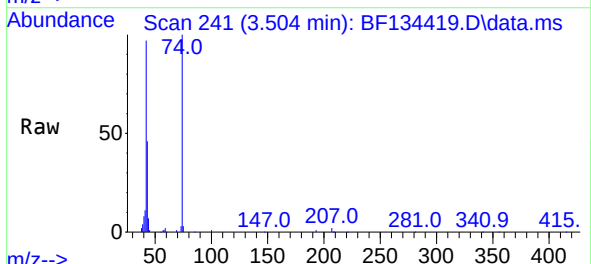
Tgt Ion: 79 Resp: 130469
Ion Ratio Lower Upper
79 100
52 85.0 71.1 106.7
51 45.8 35.2 52.8

Manual Integrations
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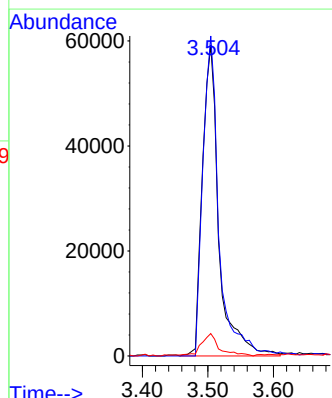
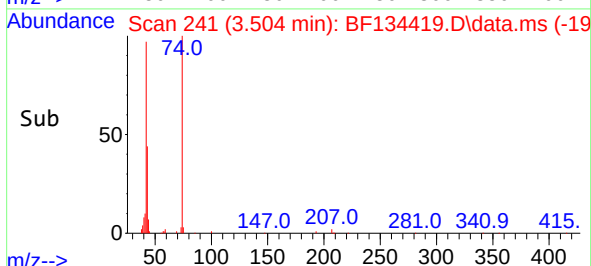
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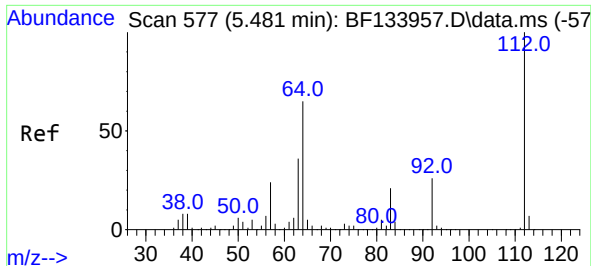


#4
n-Nitrosodimethylamine
Concen: 40.472 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.165 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



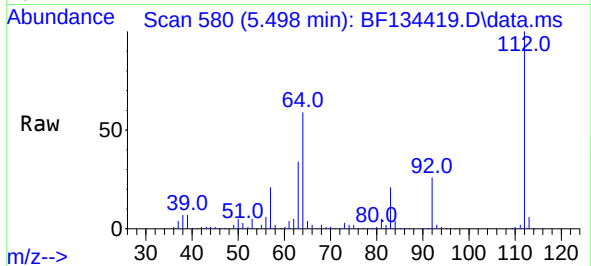
Tgt Ion: 42 Resp: 103722
Ion Ratio Lower Upper
42 100
74 103.0 82.4 123.6
44 7.2 4.9 7.3





#5
2-Fluorophenol
Concen: 119.491 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

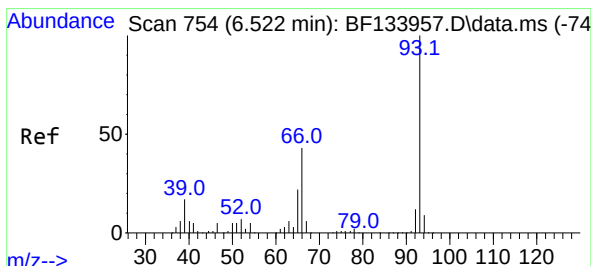
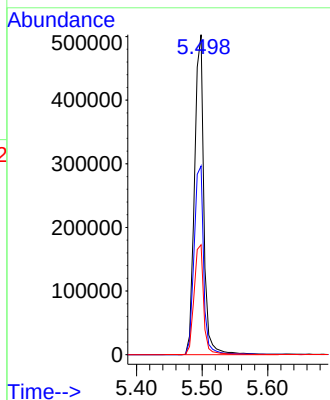
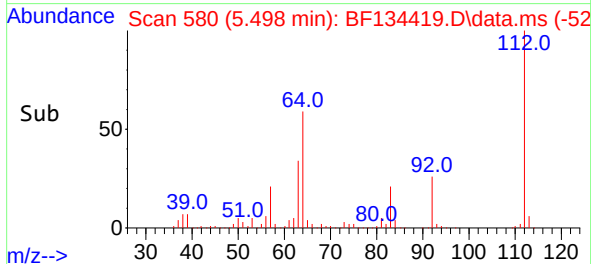
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Tgt Ion:112 Resp: 499224
Ion Ratio Lower Upper
112 100
64 59.0 52.1 78.1
63 34.4 28.6 42.8

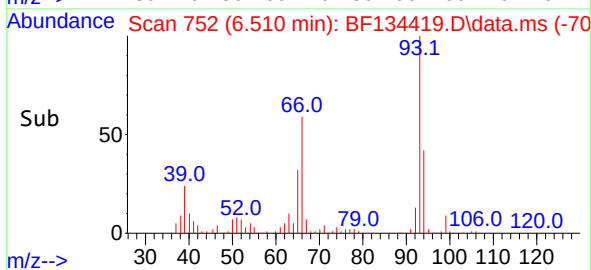
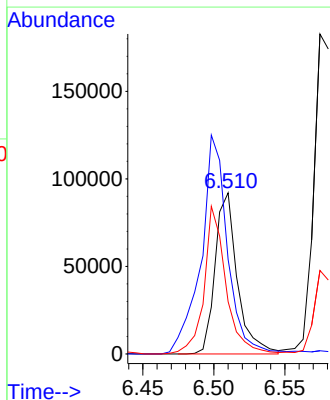
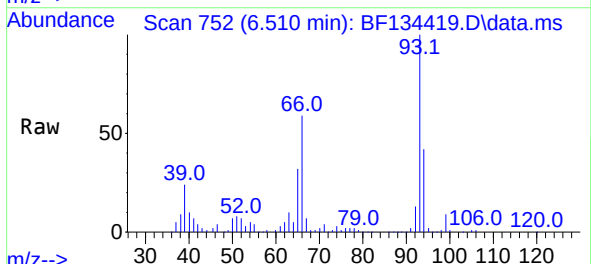
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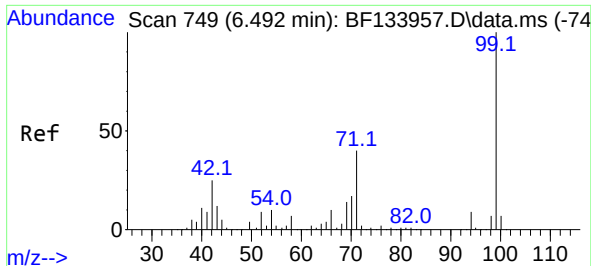
Reviewed By :Yogesh Patel 07/25/2023
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#6
Aniline
Concen: 16.022 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

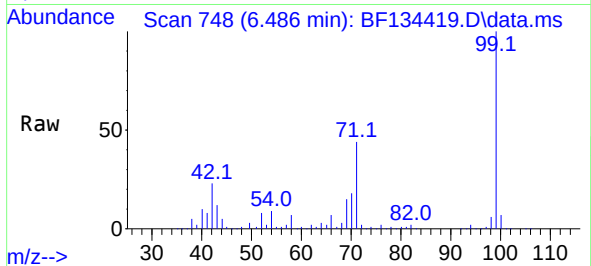
Tgt Ion: 93 Resp: 100172
Ion Ratio Lower Upper
93 100
66 58.7 34.5 51.7#
65 32.5 17.8 26.6#





#7
Phenol-d6
Concen: 106.195 ng
RT: 6.486 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

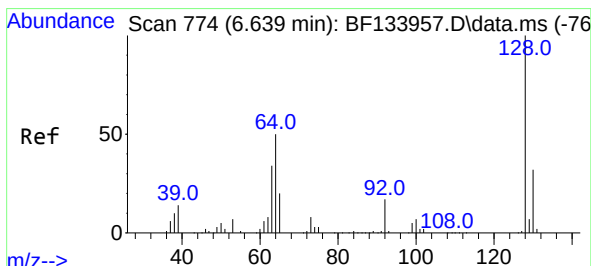
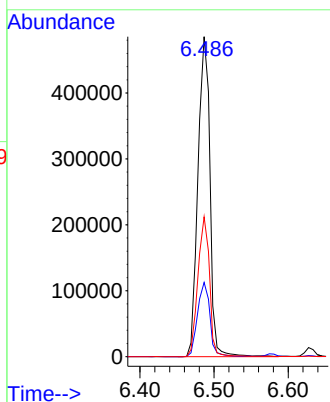
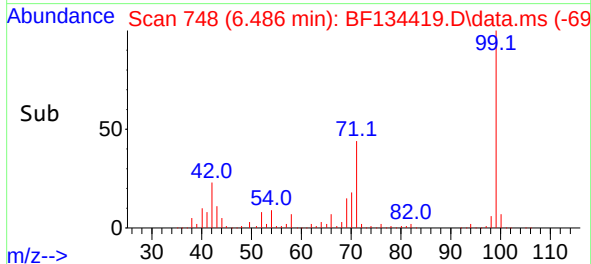
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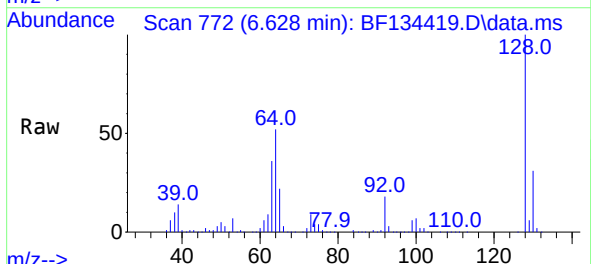
Tgt Ion: 99 Resp: 545634
Ion Ratio Lower Upper
99 100
42 23.2 19.8 29.6
71 43.7 31.9 47.9

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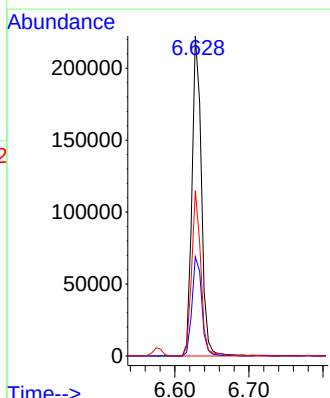
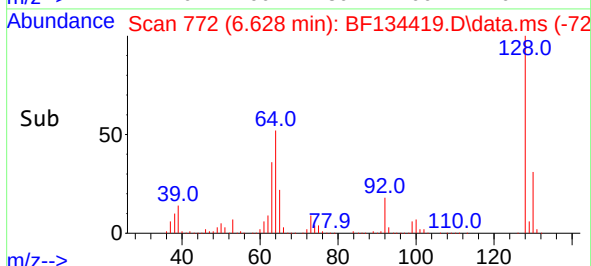
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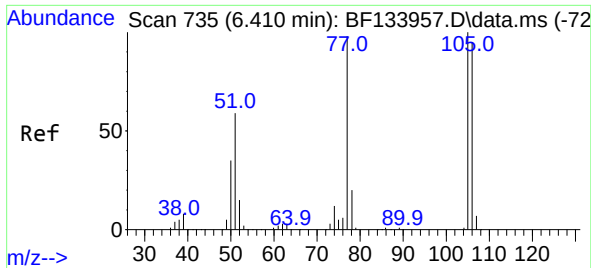


#8
2-Chlorophenol
Concen: 46.705 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



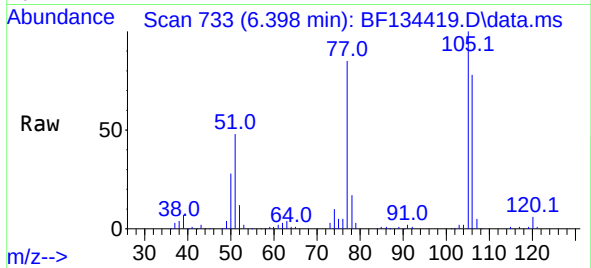
Tgt Ion:128 Resp: 198081
Ion Ratio Lower Upper
128 100
130 31.0 11.7 51.7
64 51.6 31.3 71.3





#9
Benzaldehyde
Concen: 23.512 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

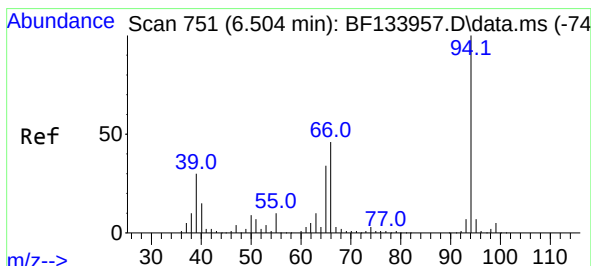
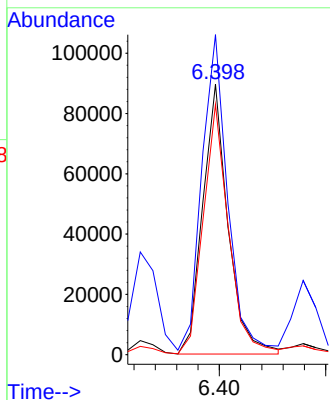
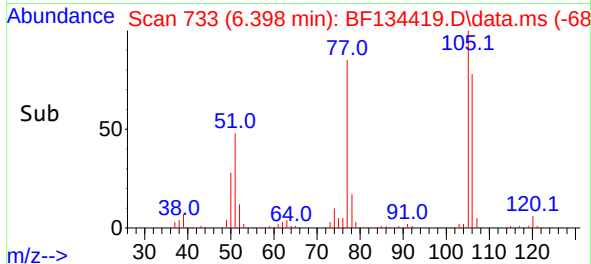
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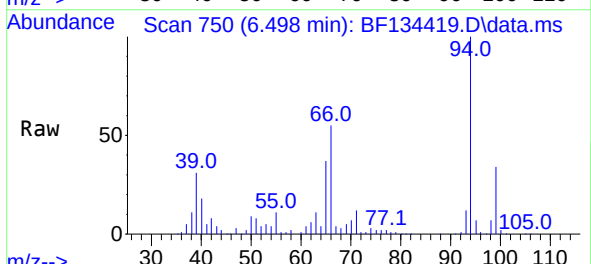
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Ion Ratio Lower Upper
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106 92.5 76.9 116.9

Manual Integrations
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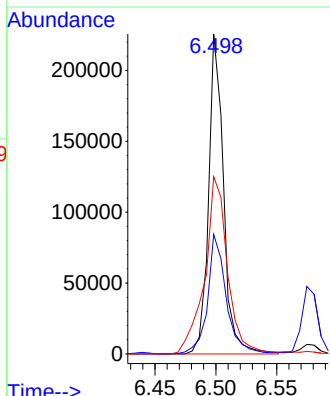
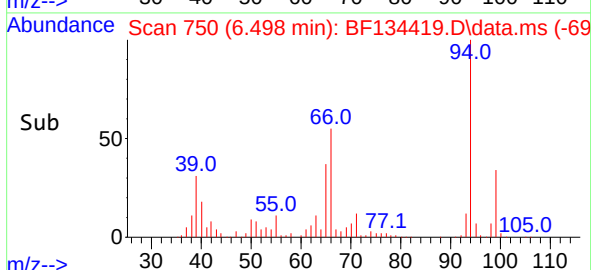
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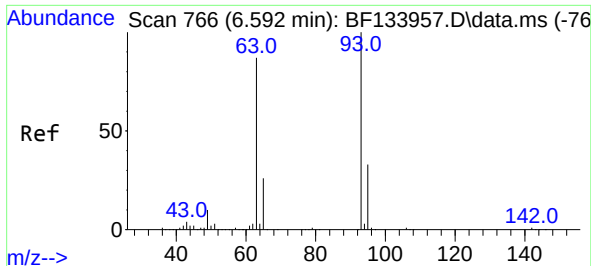


#10
Phenol
Concen: 35.590 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



Tgt Ion: 94 Resp: 192267
Ion Ratio Lower Upper
94 100
65 37.4 14.2 54.2
66 55.4 26.4 66.4





#11
bis(2-Chloroethyl)ether
Concen: 43.851 ng
RT: 6.575 min Scan# 766
Delta R.T. -0.012 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

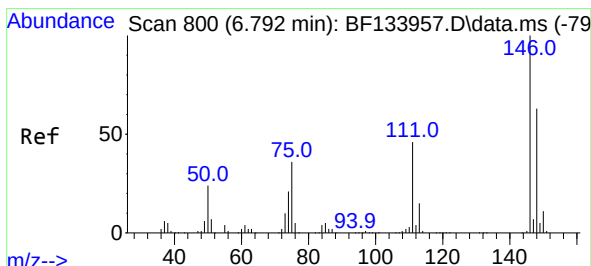
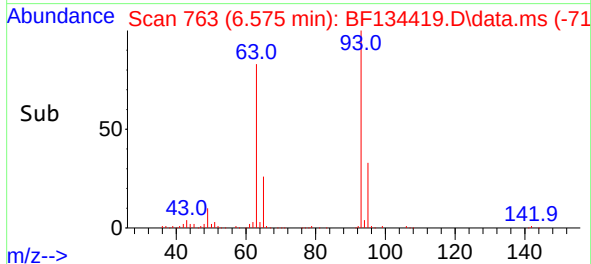
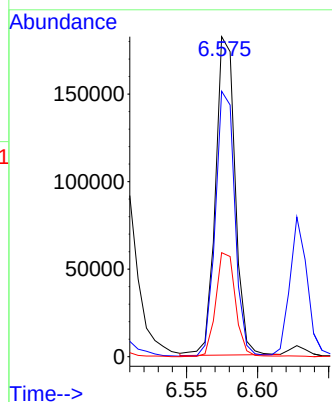
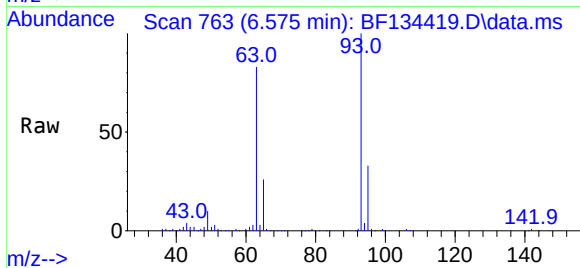
SLUDGE-DRUMMS

Tgt Ion: 93 Resp: 17440
Ion Ratio Lower Upper
93 100
63 82.9 66.5 106.5
95 32.5 12.9 52.9

Manual Integrations

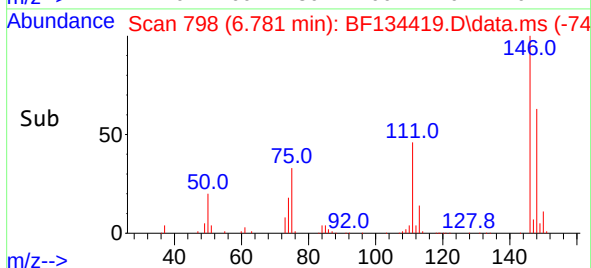
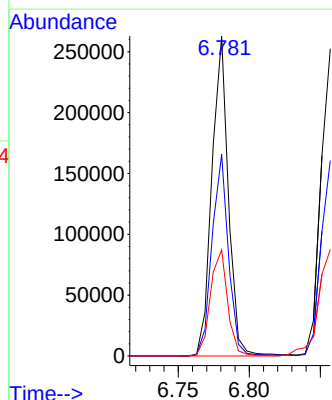
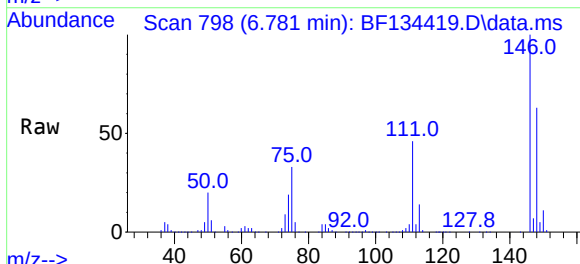
APPROVED

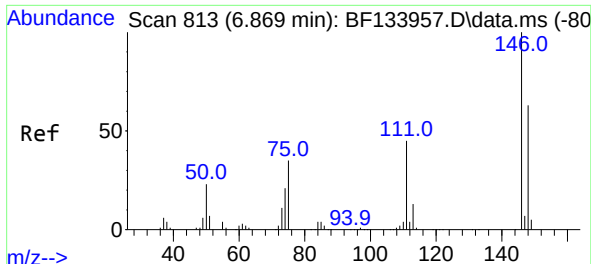
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#12
1,3-Dichlorobenzene
Concen: 47.023 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

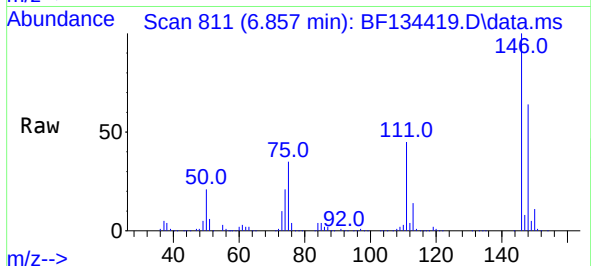
Tgt Ion:146 Resp: 212615
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
75 33.1 29.0 43.6





#13
1,4-Dichlorobenzene
Concen: 44.331 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

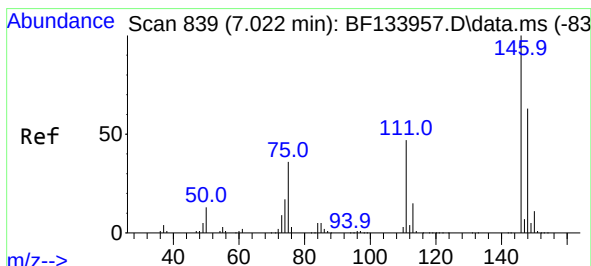
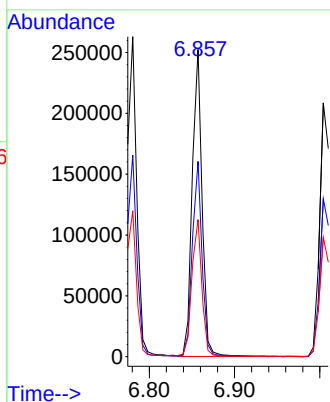
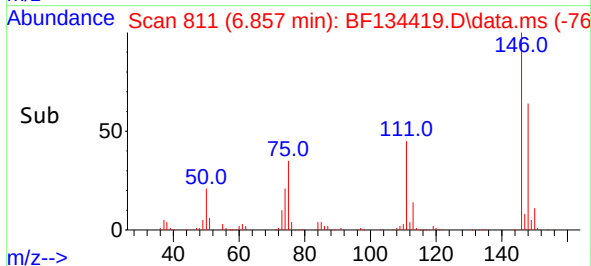
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



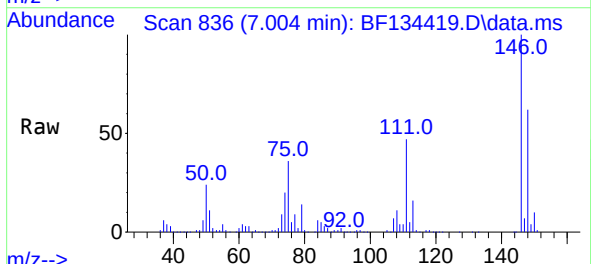
Tgt Ion:146 Resp: 202450
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
111 44.6 35.8 53.6

Manual Integrations
APPROVED

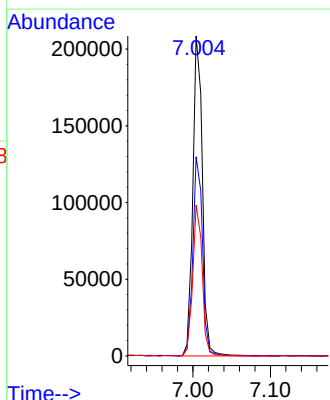
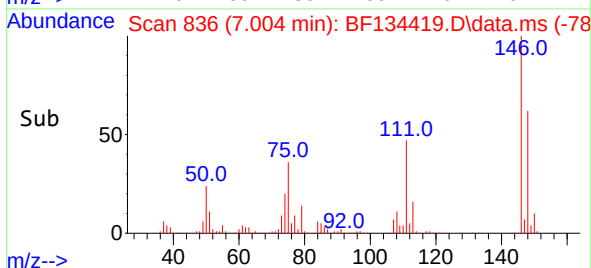
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

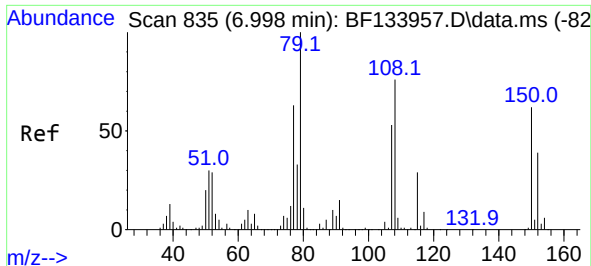


#14
1,2-Dichlorobenzene
Concen: 41.868 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.012 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



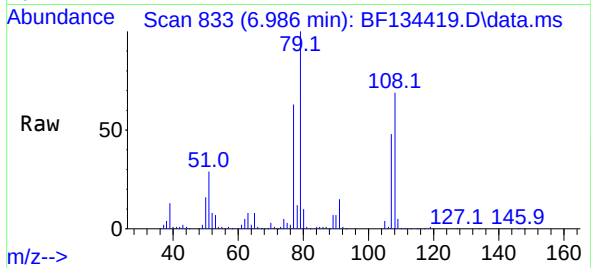
Tgt Ion:146 Resp: 179073
Ion Ratio Lower Upper
146 100
148 62.2 50.6 76.0
111 47.1 38.0 57.0





#15
Benzyl Alcohol
Concen: 40.762 ng
RT: 6.986 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

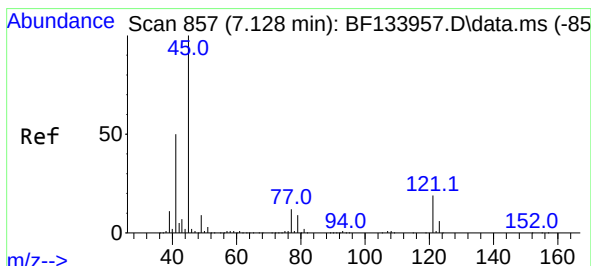
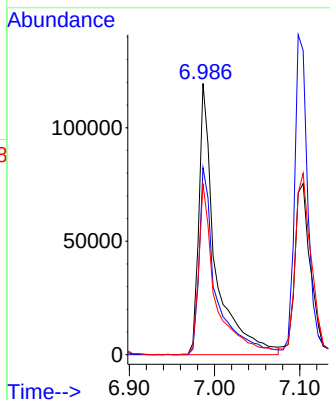
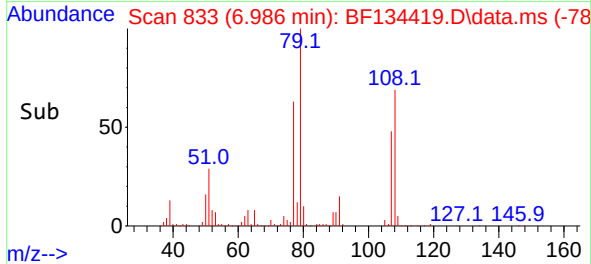
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



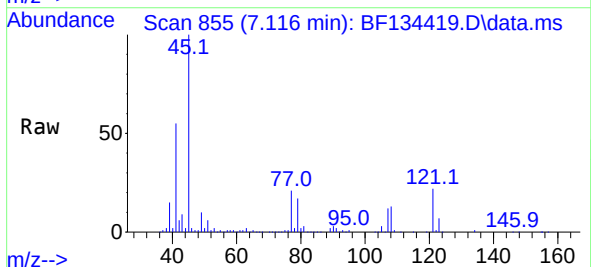
Tgt Ion: 79 Resp: 161450
Ion Ratio Lower Upper
79 100
108 68.9 60.7 91.1
77 63.1 50.6 75.8

Manual Integrations
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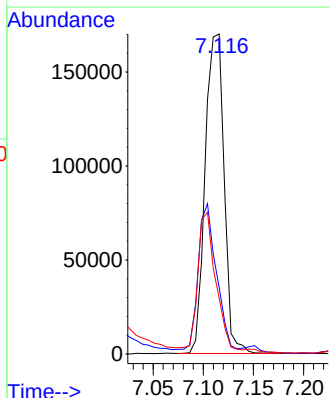
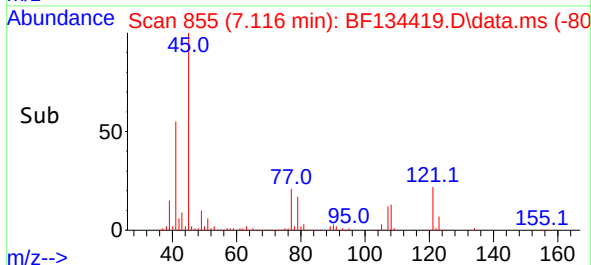
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

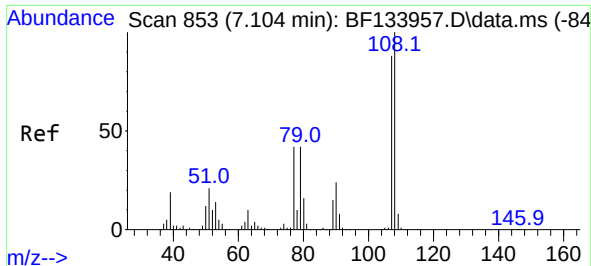


#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.787 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



Tgt Ion: 45 Resp: 223659
Ion Ratio Lower Upper
45 100
77 20.8 0.0 32.9
79 17.5 0.0 29.5





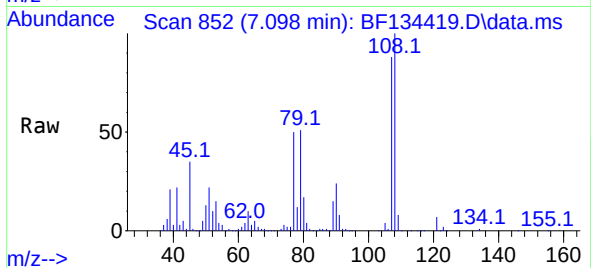
#17
2-Methylphenol
Concen: 36.390 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

SLUDGE-DRUMMS

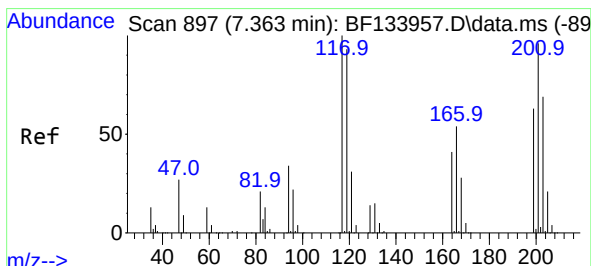
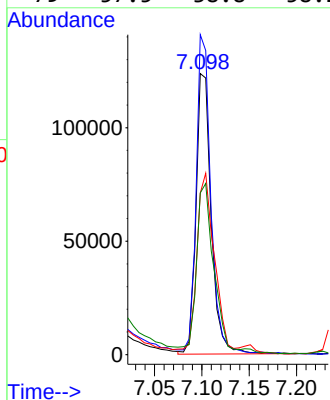
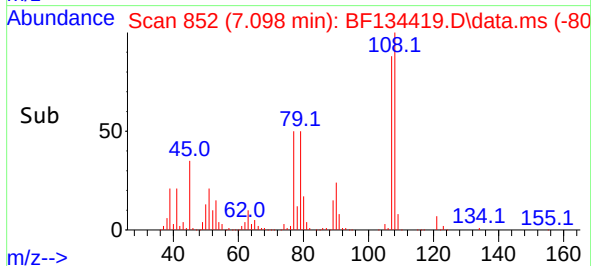


Tgt Ion:107 Resp: 13820
Ion Ratio Lower Upper
107 100
108 113.8 90.6 136.0
77 57.5 38.3 57.5
79 57.5 38.8 58.2

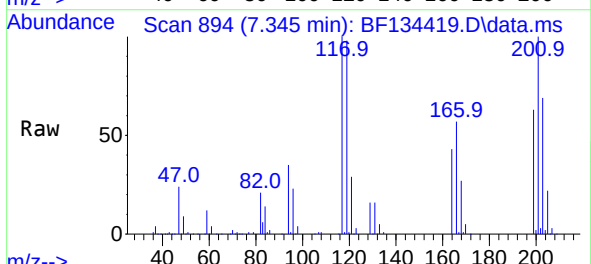
Manual Integrations

APPROVED

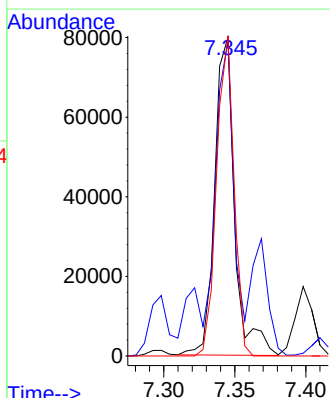
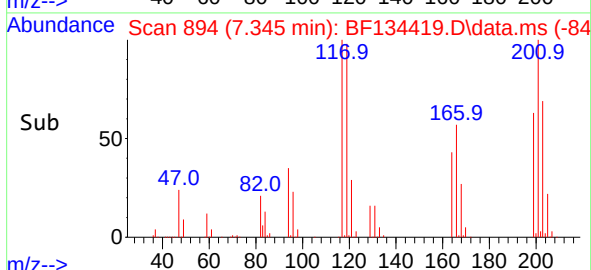
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

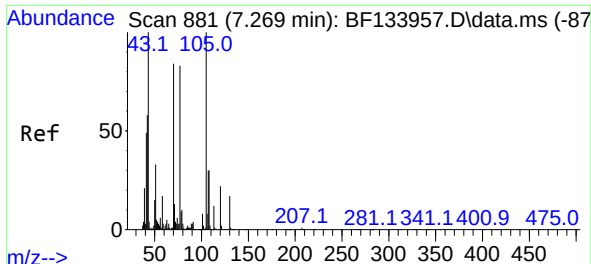


#18
Hexachloroethane
Concen: 45.995 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



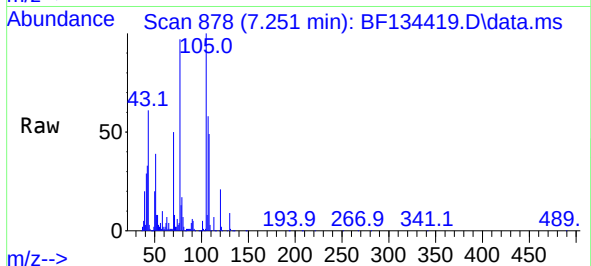
Tgt Ion:117 Resp: 77887
Ion Ratio Lower Upper
117 100
119 98.9 74.2 111.4
201 100.4 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 39.743 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

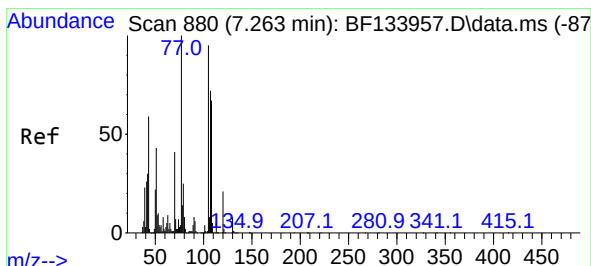
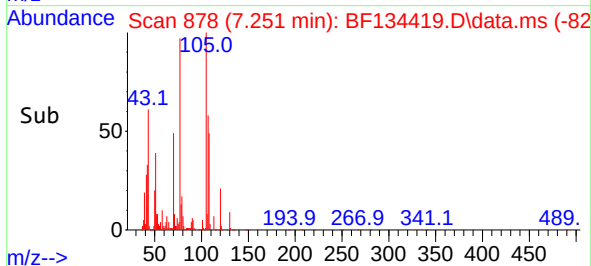
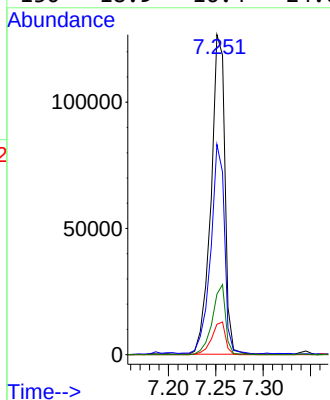
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



Tgt Ion: 70 Resp: 129490
Ion Ratio Lower Upper
70 100
42 65.7 54.7 82.1
101 9.5 7.7 11.5
130 18.9 16.4 24.6

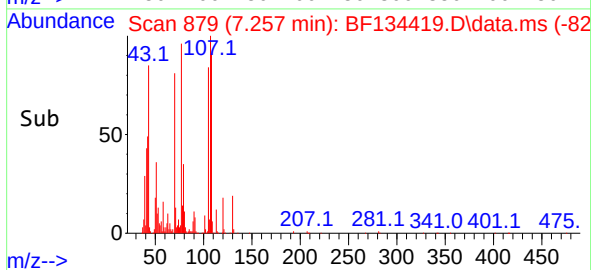
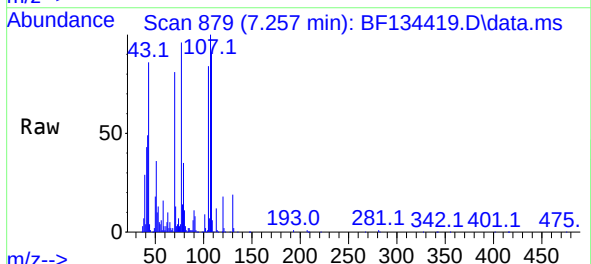
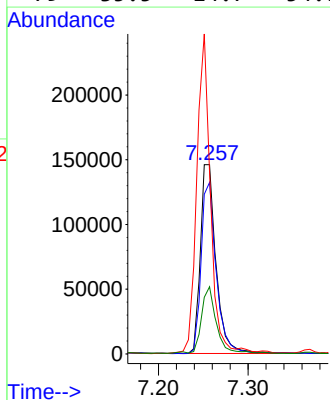
Manual Integrations
APPROVED

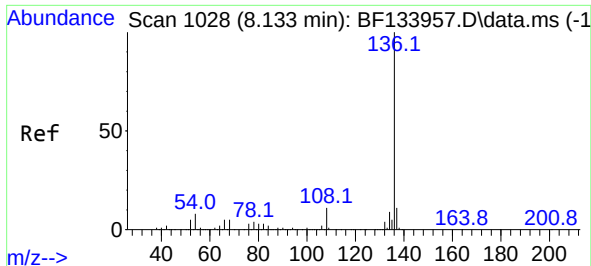
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#20
3+4-Methylphenols
Concen: 38.336 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Tgt Ion:107 Resp: 176630
Ion Ratio Lower Upper
107 100
108 90.6 73.2 113.2
77 95.8 118.3 158.3#
79 35.5 14.7 54.7





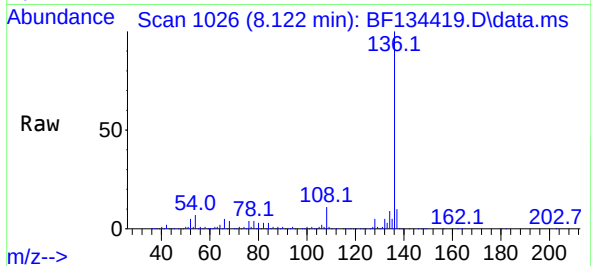
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

SLUDGE-DRUMMS

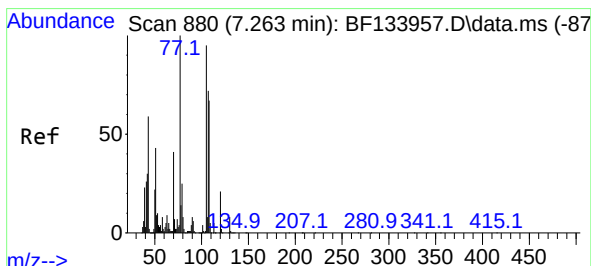
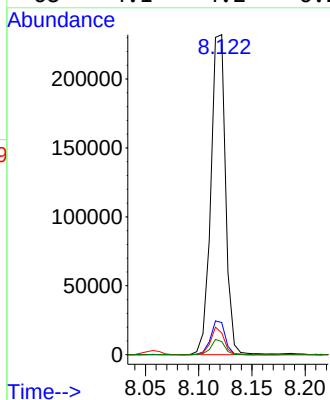
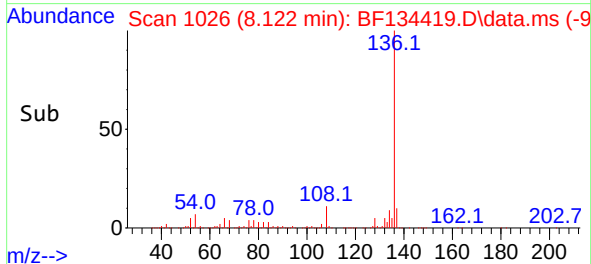


Tgt Ion:136 Resp: 224249
Ion Ratio Lower Upper
136 100
137 10.0 8.6 12.8
54 6.8 6.5 9.7
68 4.1 4.2 6.2#

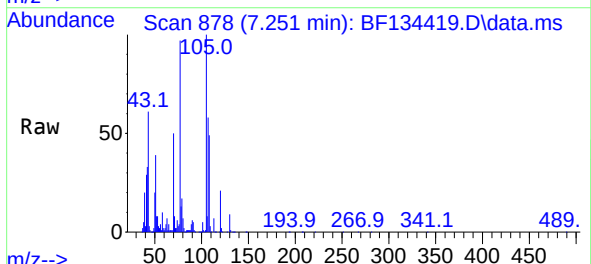
Manual Integrations

APPROVED

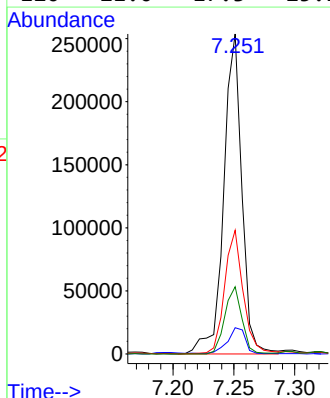
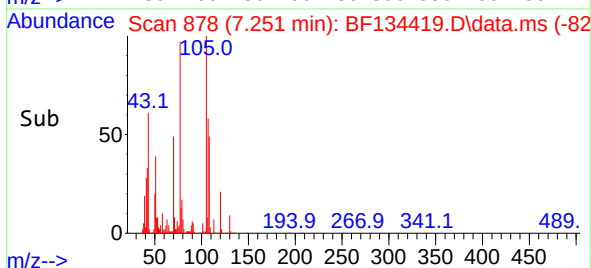
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

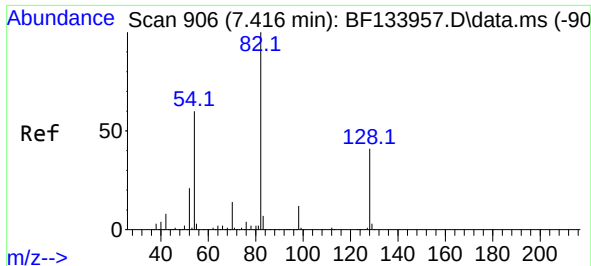


#22
Acetophenone
Concen: 51.720 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



Tgt Ion:105 Resp: 263772
Ion Ratio Lower Upper
105 100
71 8.2 5.5 8.3
51 38.7 36.5 54.7
120 21.0 17.3 25.9





#23

Nitrobenzene-d5

Concen: 95.017 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134419.D

Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

SLUDGE-DRUMMS

Tgt Ion: 82 Resp: 395270

Ion Ratio Lower Upper

82 100

128 40.7 32.5 48.7

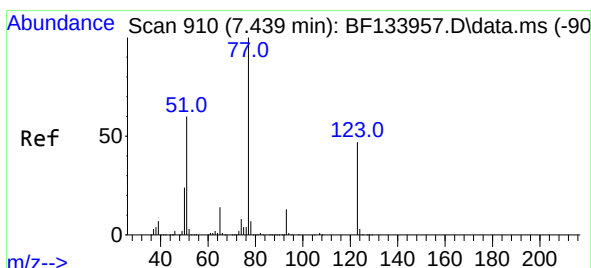
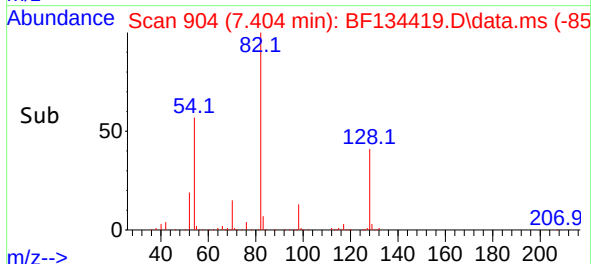
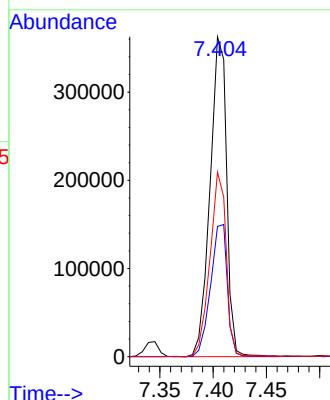
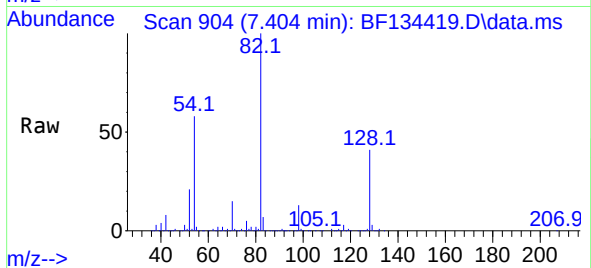
54 57.7 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#24

Nitrobenzene

Concen: 46.374 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF134419.D

Acq: 22 Jul 2023 13:23

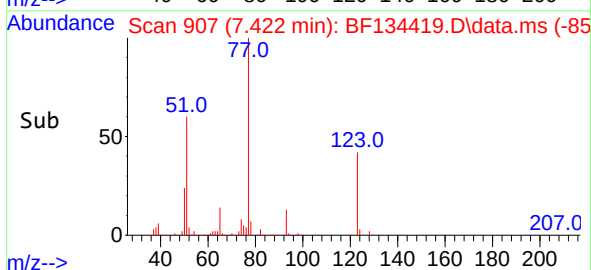
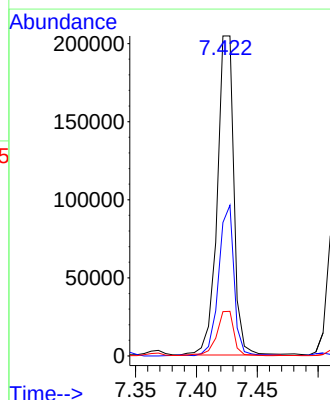
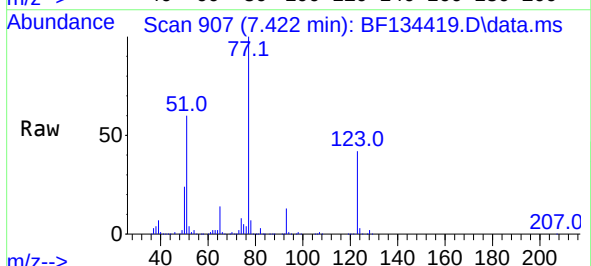
Tgt Ion: 77 Resp: 194948

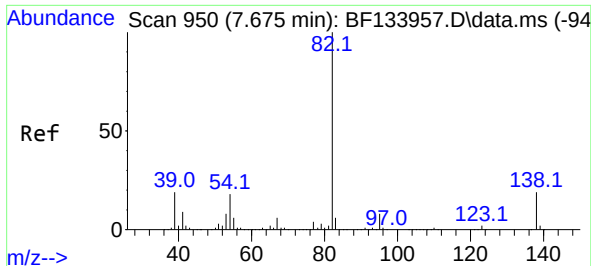
Ion Ratio Lower Upper

77 100

123 41.7 37.8 56.6

65 13.9 11.3 16.9





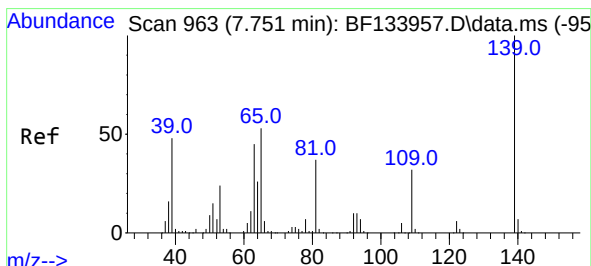
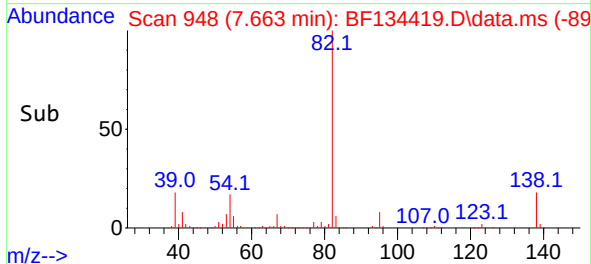
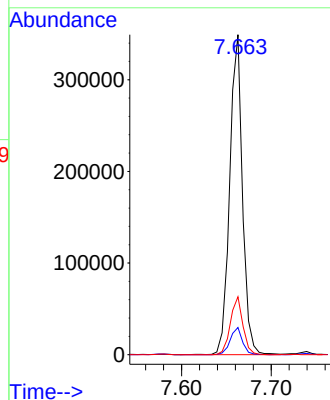
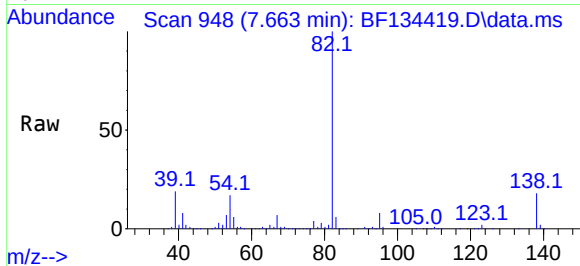
#25
Isophorone
Concen: 45.620 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS

Tgt Ion: 82 Resp: 34491
Ion Ratio Lower Upper
82 100
95 8.5 6.1 9.1
138 18.1 15.2 22.8

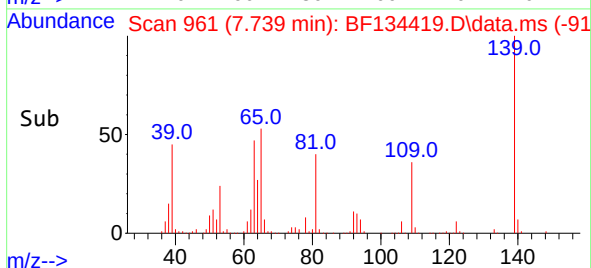
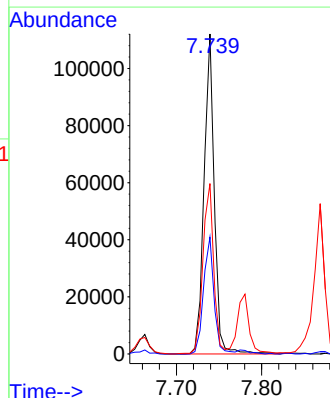
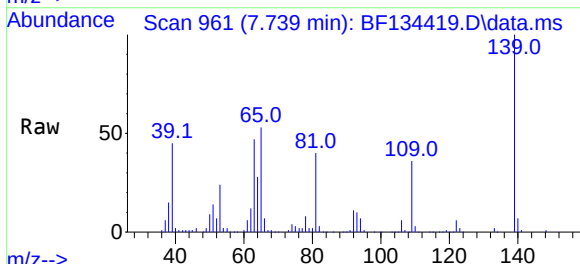
Manual Integrations
APPROVED

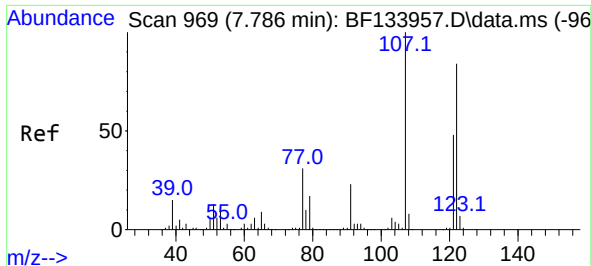
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#26
2-Nitrophenol
Concen: 46.549 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Tgt Ion:139 Resp: 93873
Ion Ratio Lower Upper
139 100
109 36.5 25.8 38.8
65 53.2 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 47.717 ng
RT: 7.780 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

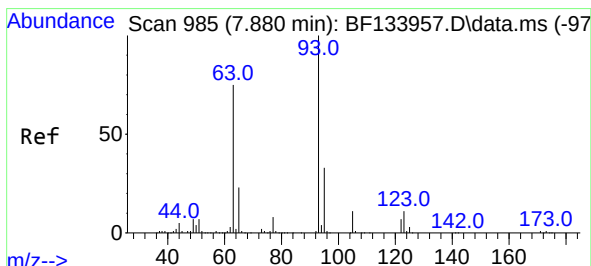
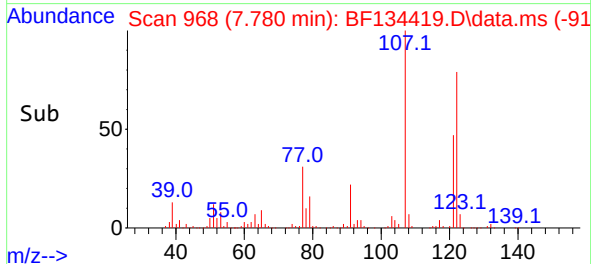
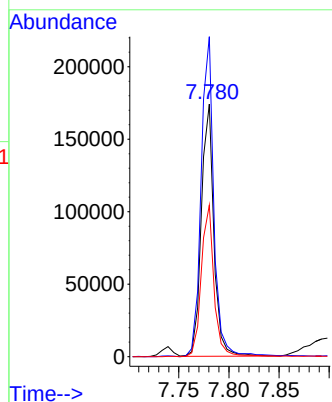
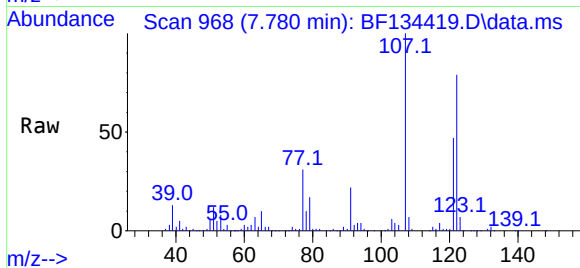
SLUDGE-DRUMMS

Tgt Ion:122 Resp: 15232
Ion Ratio Lower Upper
122 100
107 126.7 95.5 143.3
121 60.0 45.5 68.3

Manual Integrations

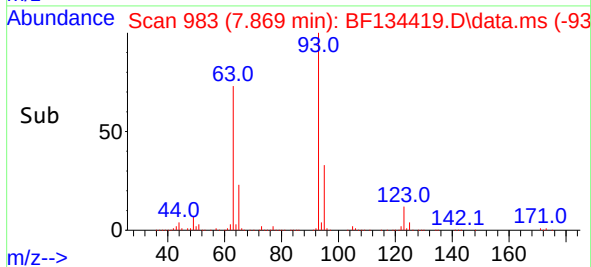
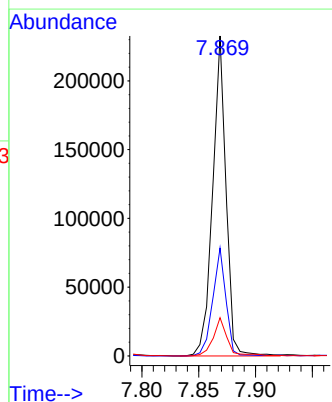
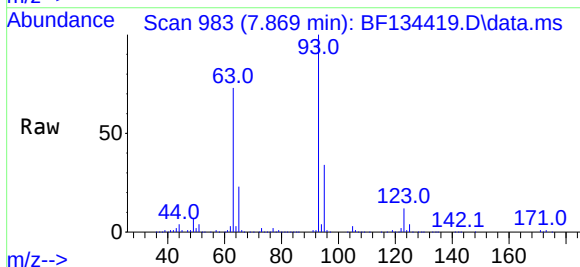
APPROVED

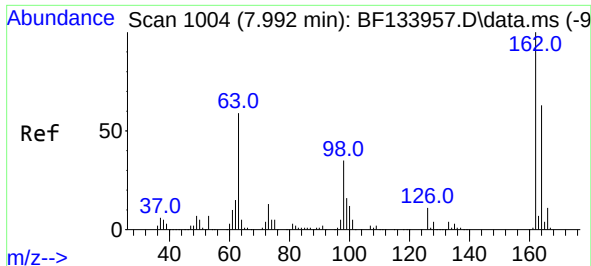
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.534 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Tgt Ion: 93 Resp: 190585
Ion Ratio Lower Upper
93 100
95 33.7 26.5 39.7
123 12.0 9.1 13.7





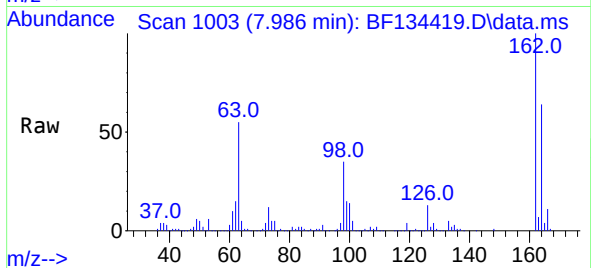
#29
2,4-Dichlorophenol
Concen: 47.397 ng
RT: 7.986 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

SLUDGE-DRUMMS

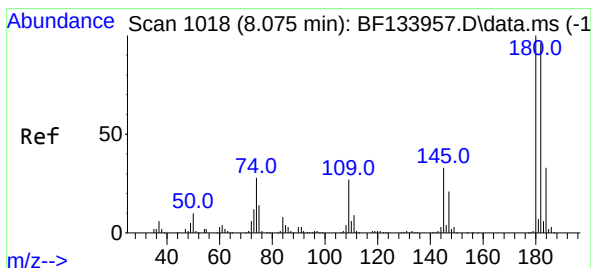
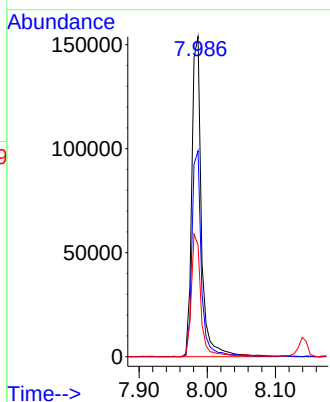
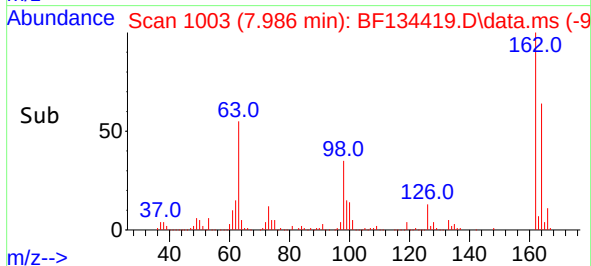


Tgt Ion:162 Resp: 15003
Ion Ratio Lower Upper
162 100
164 64.3 43.2 83.2
98 35.0 14.9 54.9

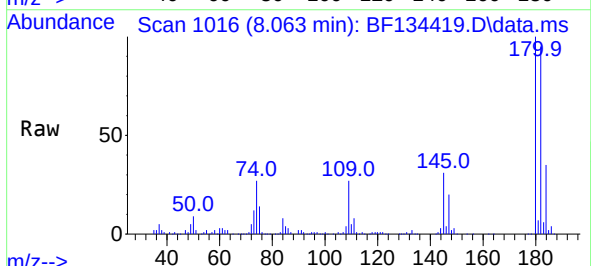
Manual Integrations

APPROVED

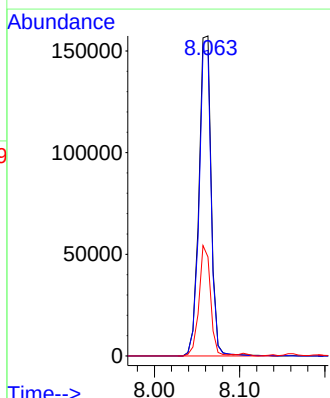
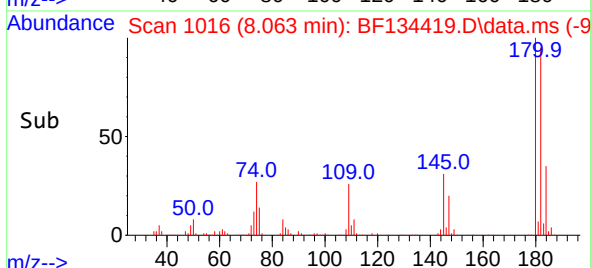
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

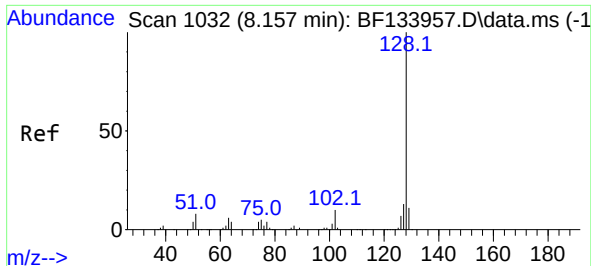


#30
1,2,4-Trichlorobenzene
Concen: 47.992 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



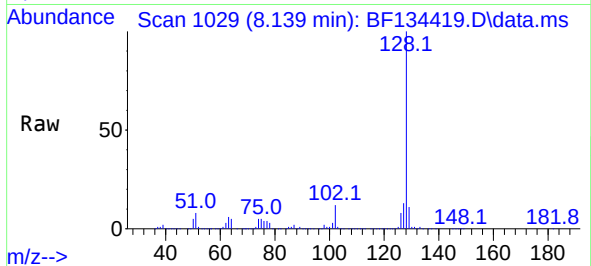
Tgt Ion:180 Resp: 156753
Ion Ratio Lower Upper
180 100
182 95.5 77.1 115.7
145 31.0 26.0 39.0





#31
Naphthalene
Concen: 46.640 ng
RT: 8.139 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

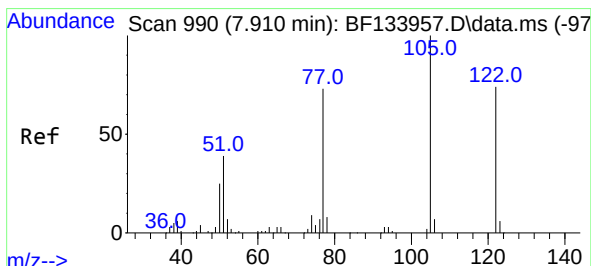
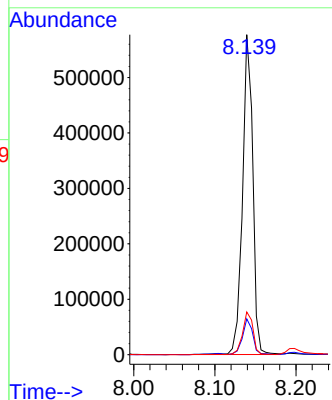
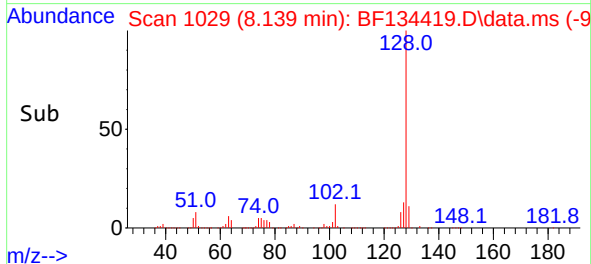
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



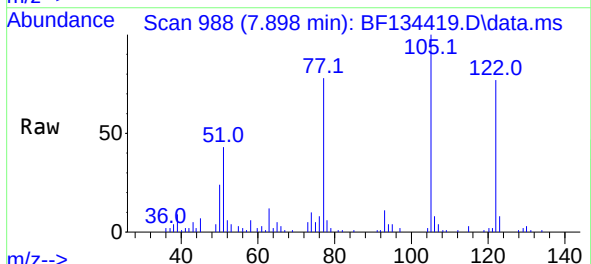
Tgt Ion:128 Resp: 50520
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.6 15.8

Manual Integrations
APPROVED

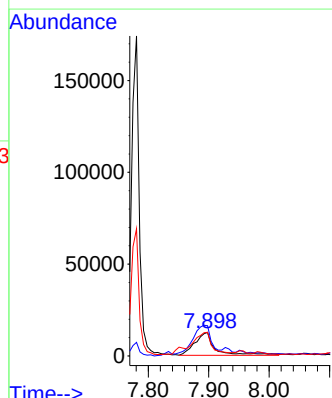
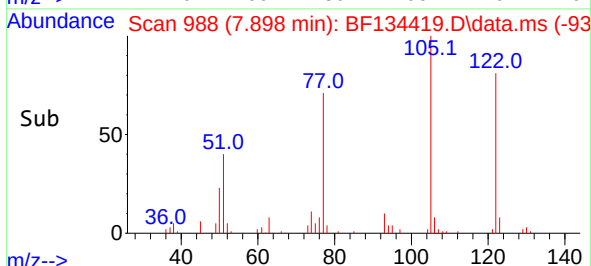
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

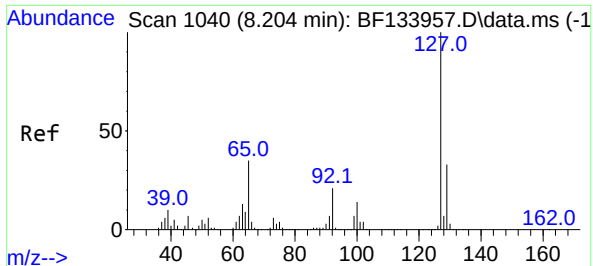


#32
Benzoic acid
Concen: 12.012 ng m
RT: 7.898 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



Tgt Ion:122 Resp: 28732
Ion Ratio Lower Upper
122 100
105 129.1 109.7 149.7
77 100.9 76.0 116.0





#33
4-Chloroaniline
Concen: 3.691 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

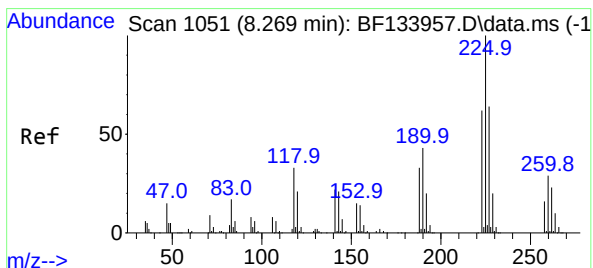
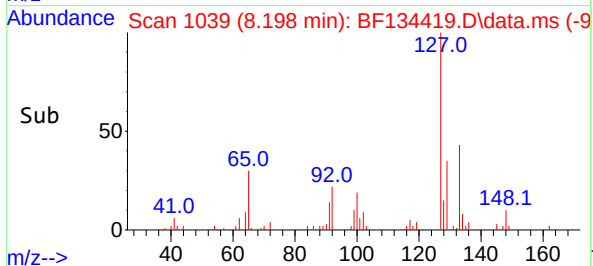
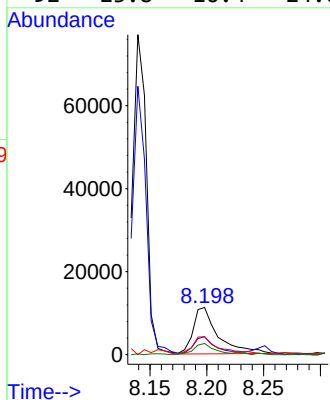
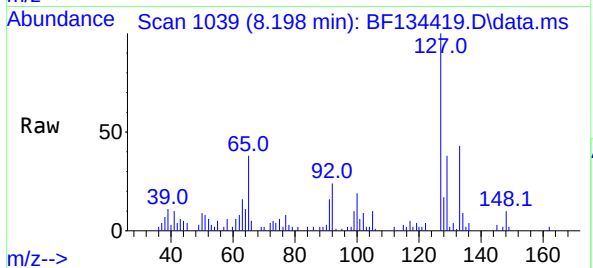
SLUDGE-DRUMMS

Tgt Ion:	127	Resp:	1710
Ion Ratio	Lower	Upper	
127	100		
129	38.1	26.4	39.6
65	38.1	27.8	41.8
92	23.8	16.4	24.6

Manual Integrations

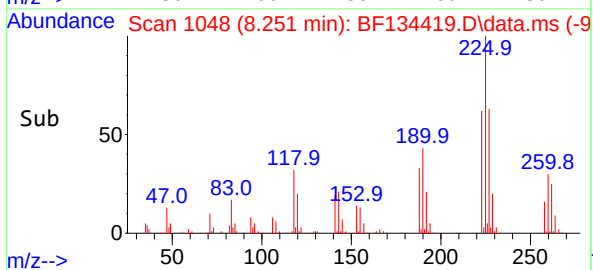
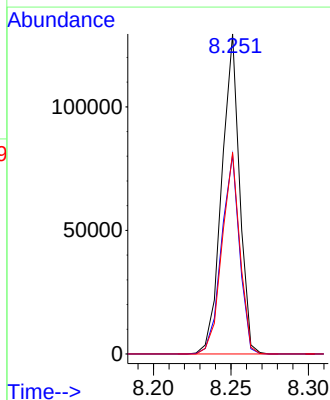
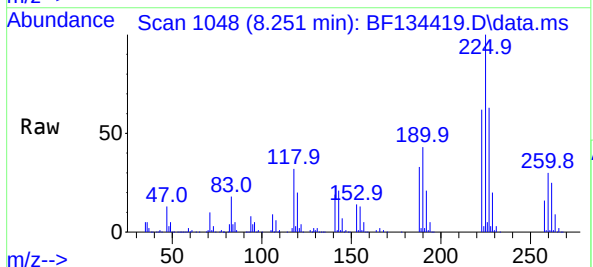
APPROVED

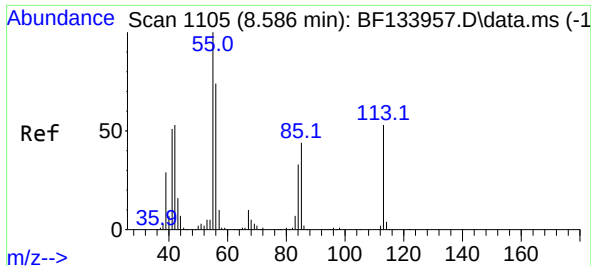
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#34
Hexachlorobutadiene
Concen: 50.110 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

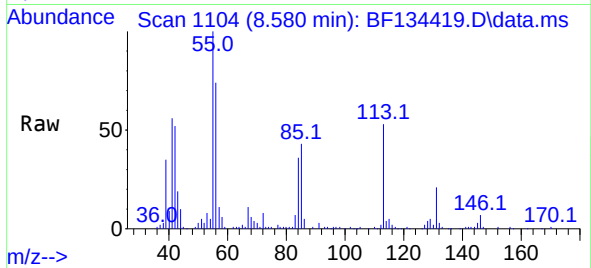
Tgt Ion:	225	Resp:	103244
Ion Ratio	Lower	Upper	
225	100		
223	62.2	49.8	74.8
227	62.9	51.0	76.4





#35
Caprolactam
Concen: 35.474 ng m
RT: 8.580 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

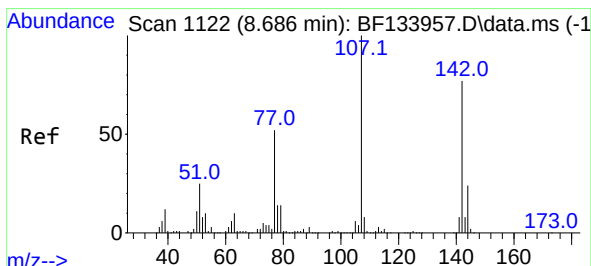
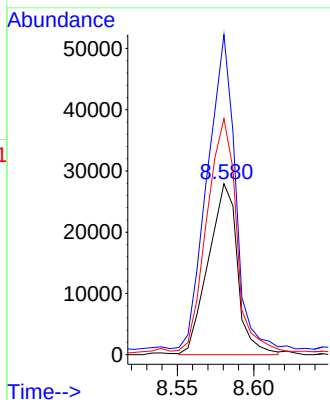
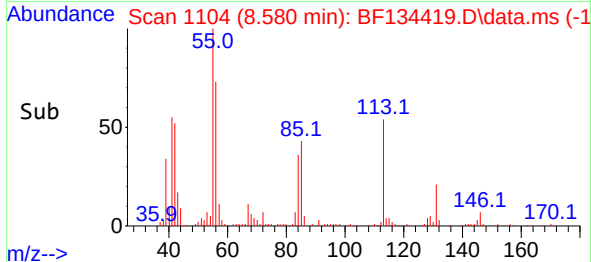
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



Tgt Ion:113 Resp: 3697
Ion Ratio Lower Upper
113 100
55 187.1 170.2 210.2
56 137.9 121.4 161.4

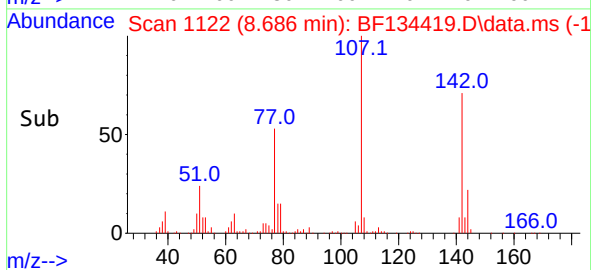
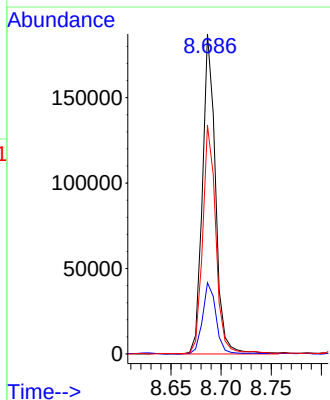
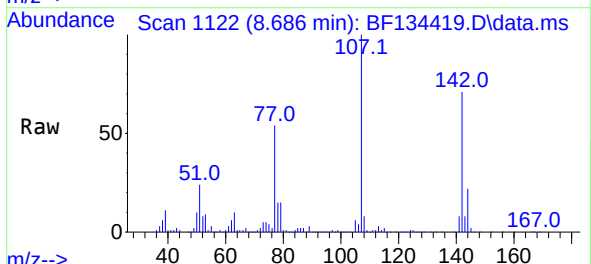
Manual Integrations
APPROVED

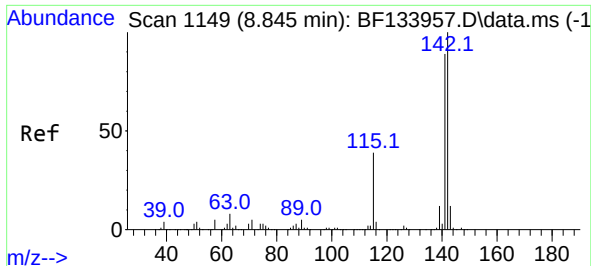
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#36
4-Chloro-3-methylphenol
Concen: 47.854 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Tgt Ion:107 Resp: 170172
Ion Ratio Lower Upper
107 100
144 22.3 19.6 29.4
142 71.4 61.4 92.2





#37

2-Methylnaphthalene

Concen: 47.681 ng

RT: 8.833 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF134419.D

Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

SLUDGE-DRUMMS

Tgt Ion:142 Resp: 36523

Ion Ratio Lower Upper

142 100

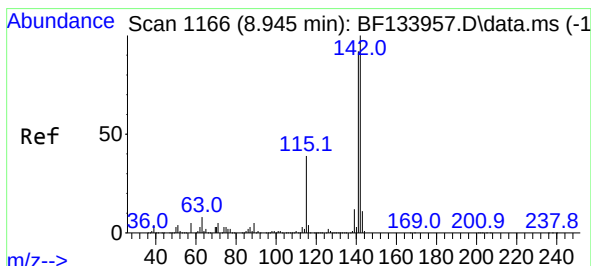
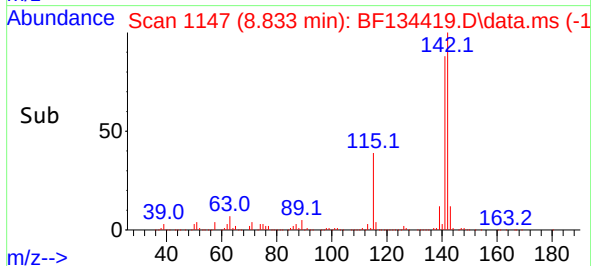
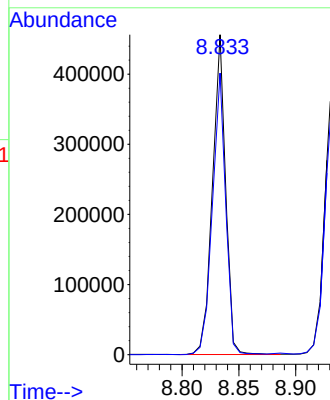
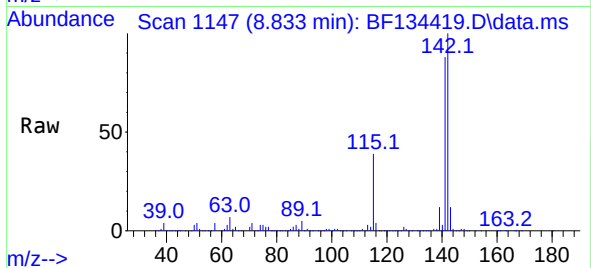
141 88.0 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#38

1-Methylnaphthalene

Concen: 48.951 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF134419.D

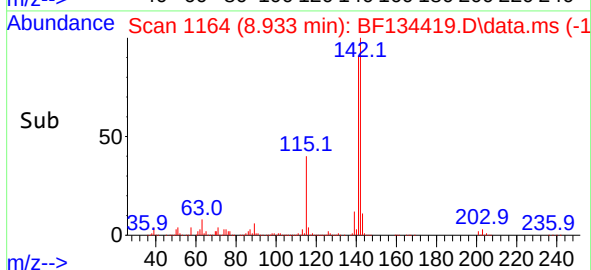
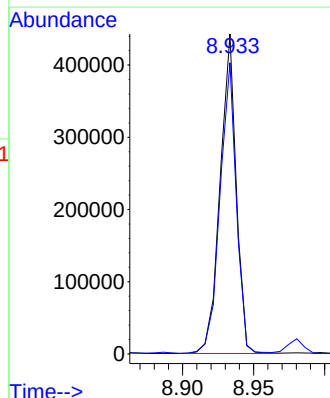
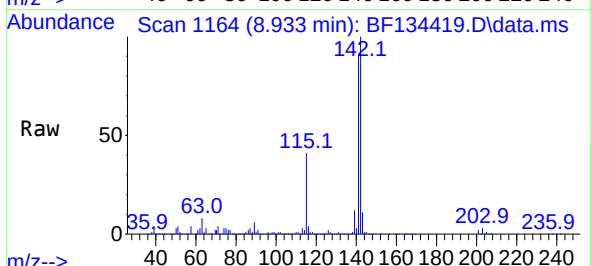
Acq: 22 Jul 2023 13:23

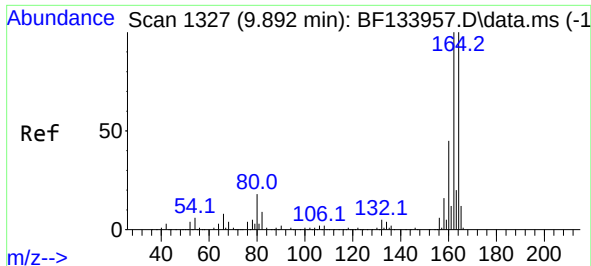
Tgt Ion:142 Resp: 348579

Ion Ratio Lower Upper

142 100

141 91.0 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1142

Delta R.T. -0.000 min

Lab File: BF134419.D

Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

SLUDGE-DRUMMS

Tgt Ion:164 Resp: 114420

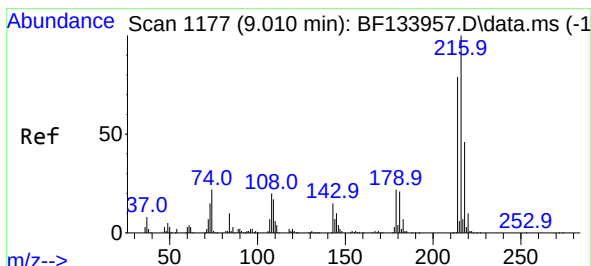
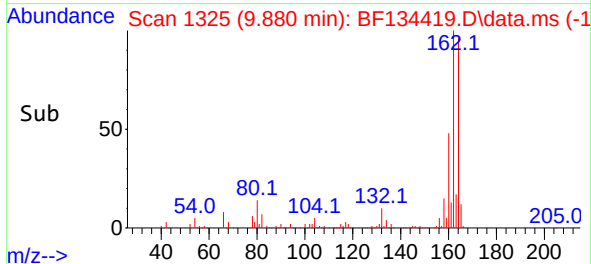
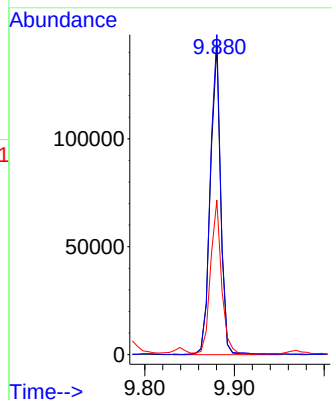
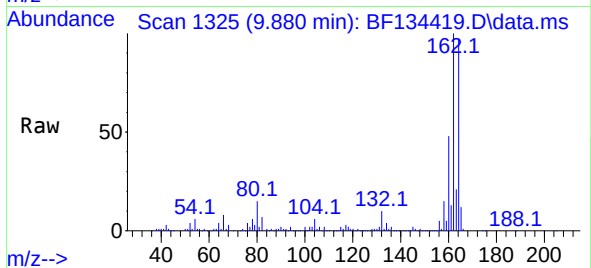
Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.0	120.0
160	50.1	35.9	53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.518 ng

RT: 8.998 min Scan# 1175

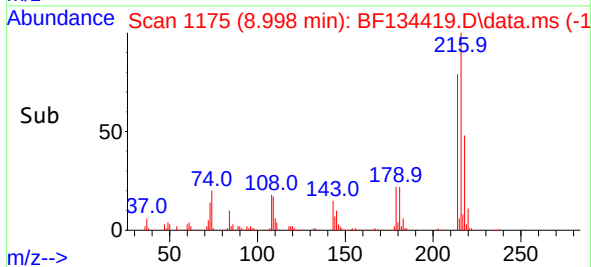
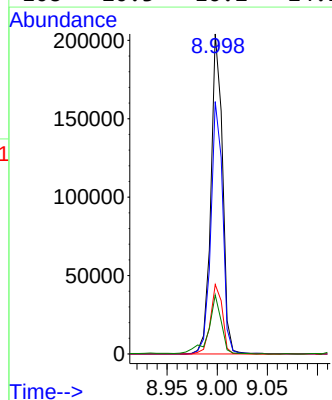
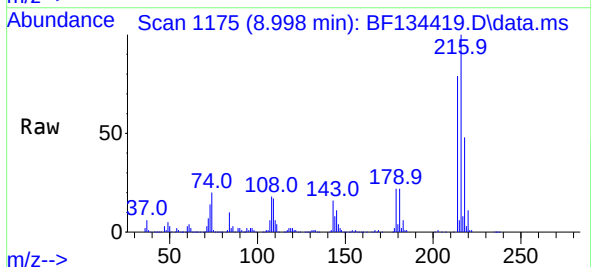
Delta R.T. -0.006 min

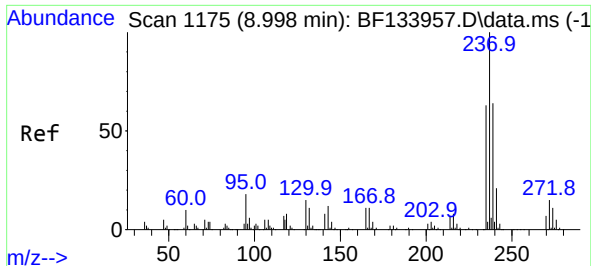
Lab File: BF134419.D

Acq: 22 Jul 2023 13:23

Tgt Ion:216 Resp: 164469

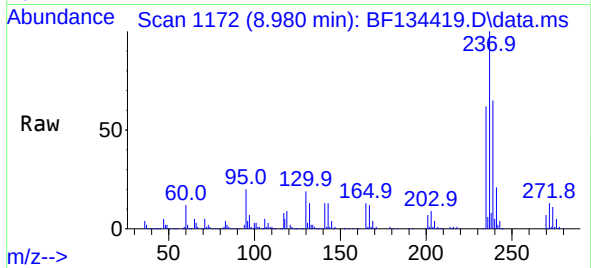
Ion	Ratio	Lower	Upper
216	100		
214	79.9	64.1	96.1
179	22.2	17.3	25.9
108	20.3	16.2	24.2





#41
Hexachlorocyclopentadiene
Concen: 78.652 ng
RT: 8.980 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

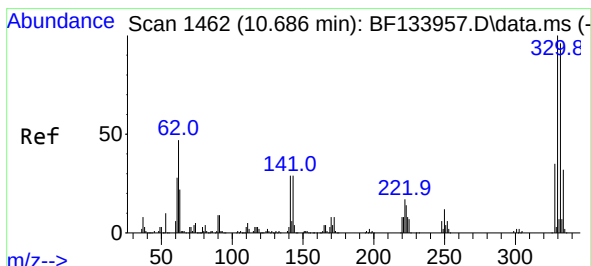
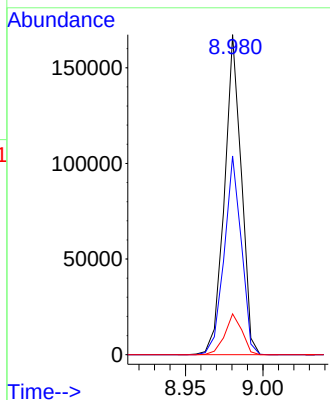
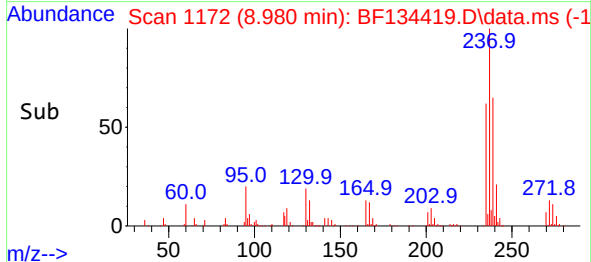
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



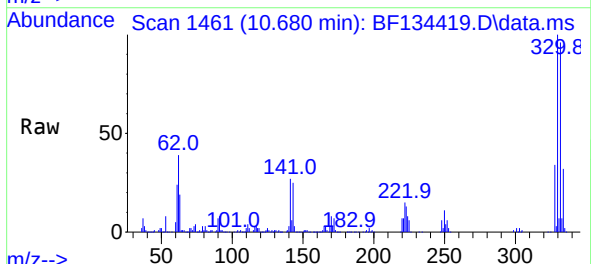
Tgt Ion:237 Resp: 126489
Ion Ratio Lower Upper
237 100
235 62.1 42.8 82.8
272 12.8 0.0 34.6

Manual Integrations
APPROVED

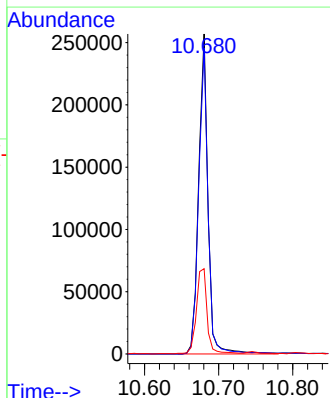
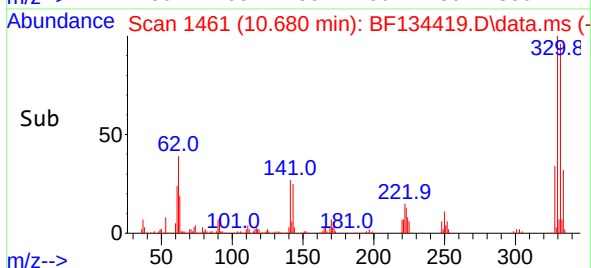
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

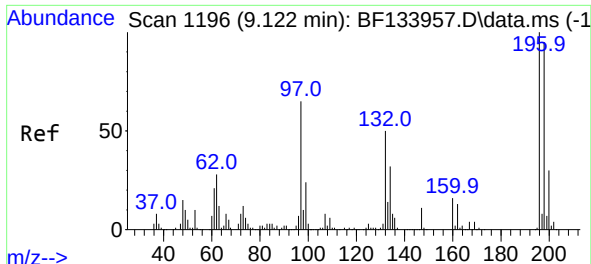


#42
2,4,6-Tribromophenol
Concen: 155.800 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



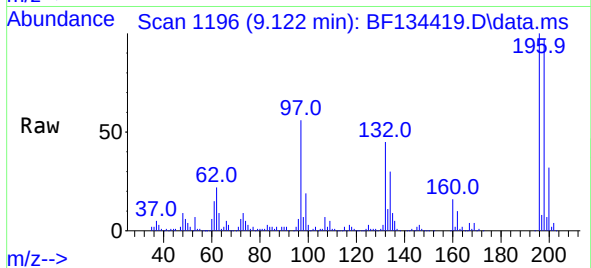
Tgt Ion:330 Resp: 223511
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 30.5 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 46.910 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

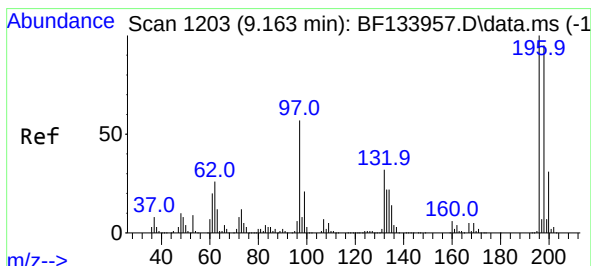
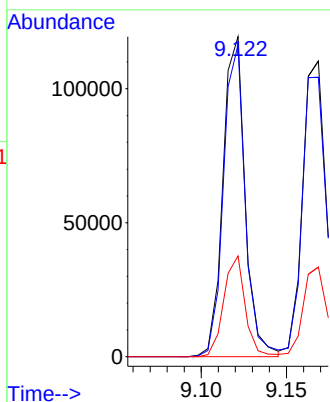
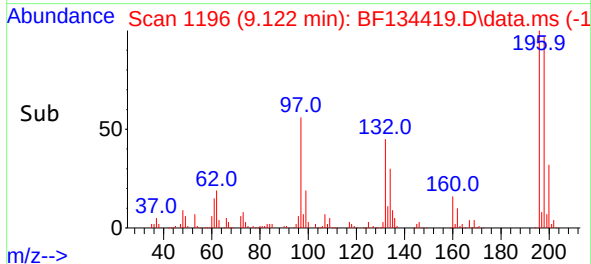
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



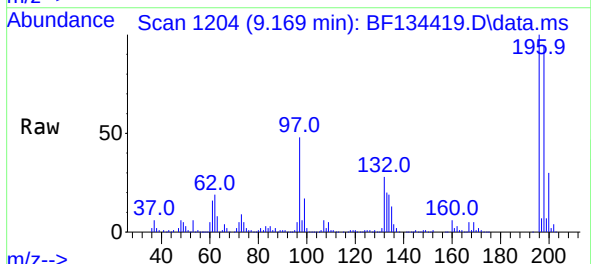
Tgt Ion:196 Resp: 108252
Ion Ratio Lower Upper
196 100
198 97.5 75.6 113.4
200 31.5 24.4 36.6

Manual Integrations
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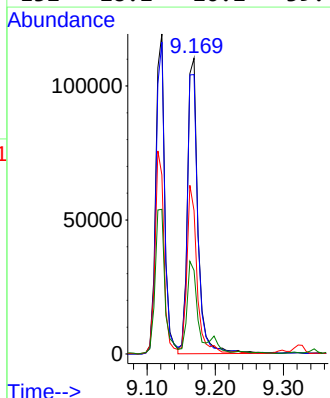
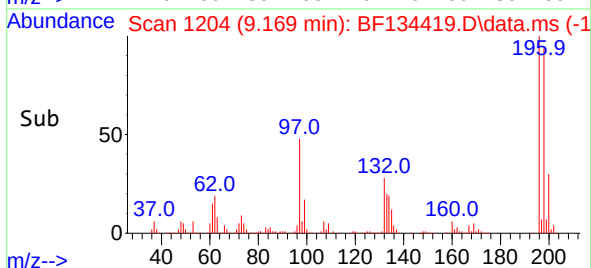
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

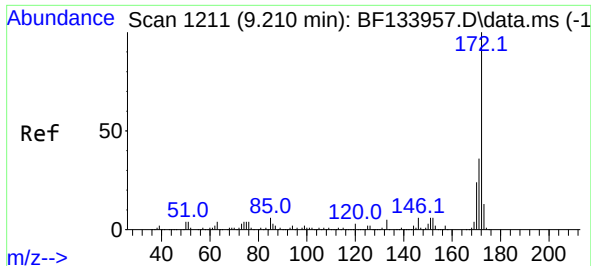


#44
2,4,5-Trichlorophenol
Concen: 43.155 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



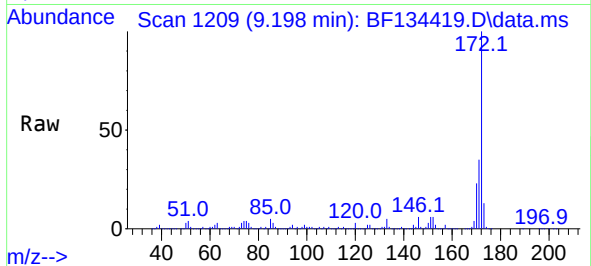
Tgt Ion:196 Resp: 117140
Ion Ratio Lower Upper
196 100
198 94.5 75.7 113.5
97 48.5 45.8 68.6
132 28.2 26.2 39.4





#45
2-Fluorobiphenyl
Concen: 97.731 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

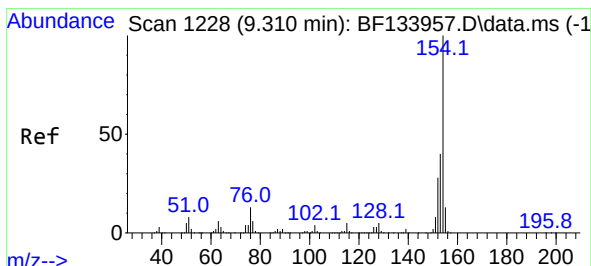
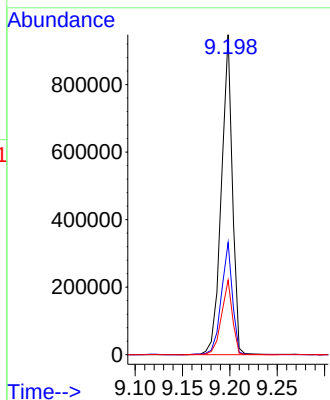
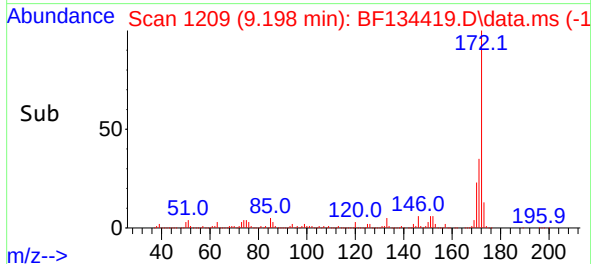
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



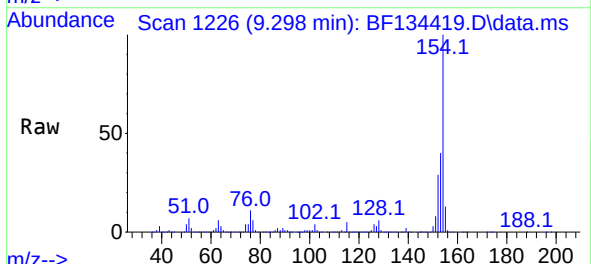
Tgt Ion:172 Resp: 769130
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.3 19.4 29.0

Manual Integrations
APPROVED

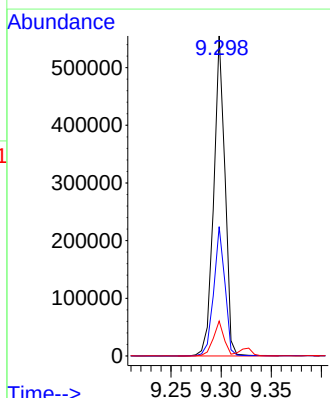
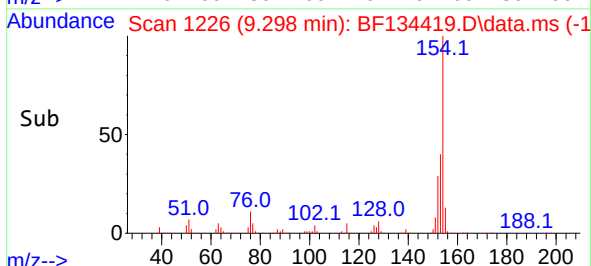
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

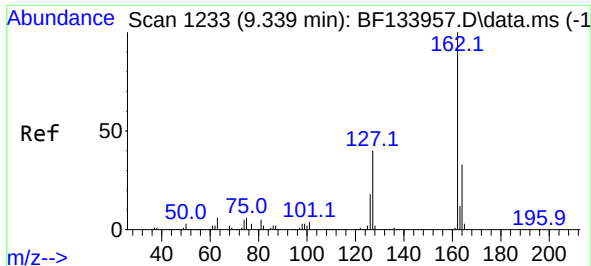


#46
1,1'-Biphenyl
Concen: 46.927 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



Tgt Ion:154 Resp: 430716
Ion Ratio Lower Upper
154 100
153 40.4 19.8 59.8
76 10.9 0.0 32.9





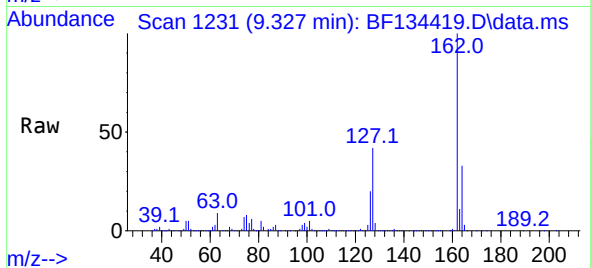
#47
2-Chloronaphthalene
Concen: 48.741 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

SLUDGE-DRUMMS

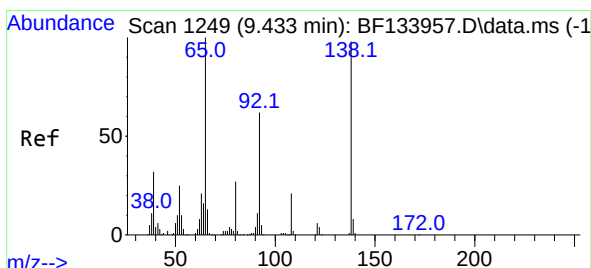
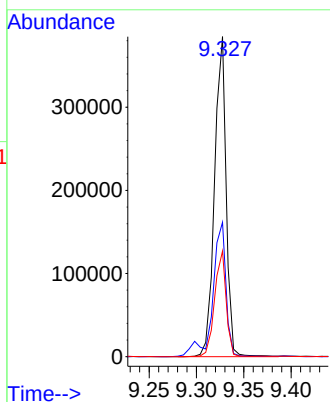
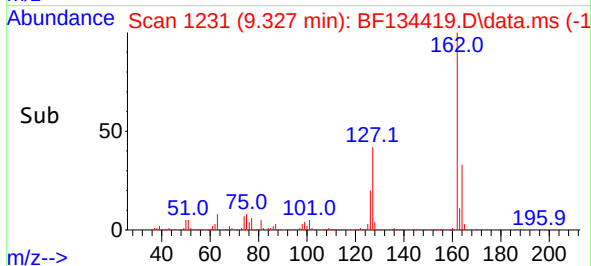


Tgt Ion:162 Resp: 327310
Ion Ratio Lower Upper
162 100
127 42.0 32.9 49.3
164 33.0 26.1 39.1

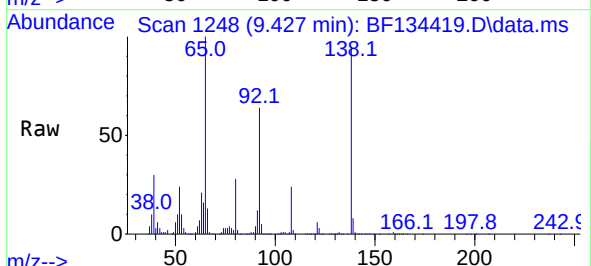
Manual Integrations

APPROVED

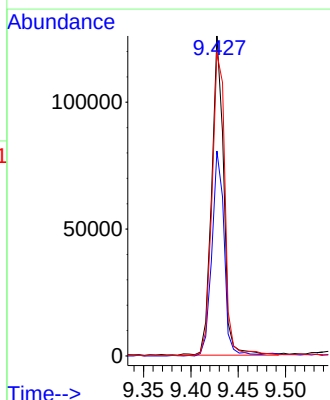
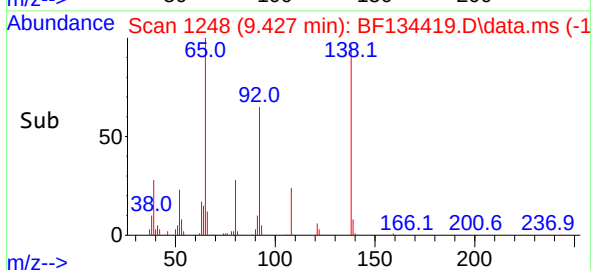
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

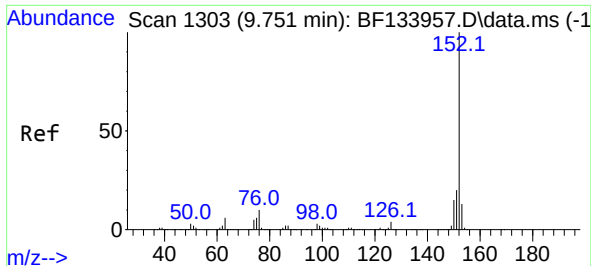


#48
2-Nitroaniline
Concen: 45.444 ng
RT: 9.427 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



Tgt Ion: 65 Resp: 111221
Ion Ratio Lower Upper
65 100
92 64.0 49.5 74.3
138 94.5 78.0 117.0





#49

Acenaphthylene

Concen: 46.619 ng

RT: 9.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134419.D

Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

SLUDGE-DRUMMS

Tgt Ion:152 Resp: 534799

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

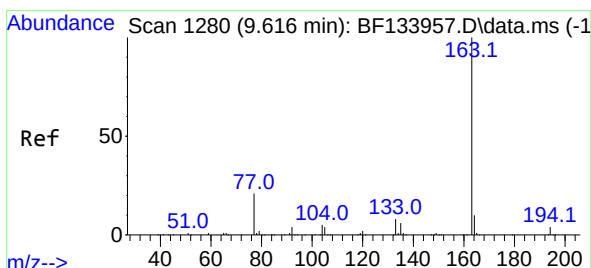
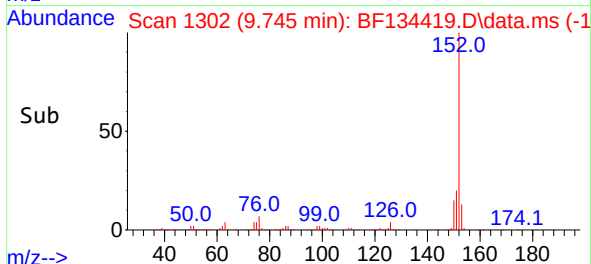
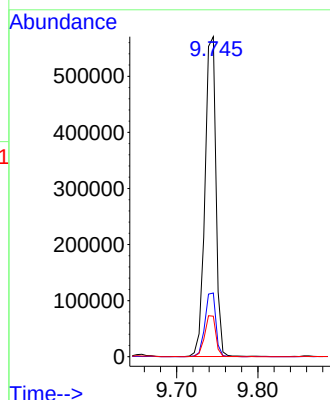
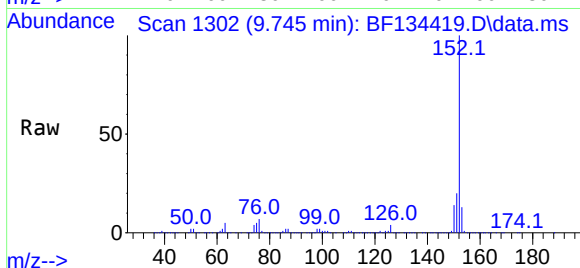
153 12.7 10.8 16.2

Manual Integrations

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Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#50

Dimethylphthalate

Concen: 48.159 ng

RT: 9.604 min Scan# 1278

Delta R.T. -0.000 min

Lab File: BF134419.D

Acq: 22 Jul 2023 13:23

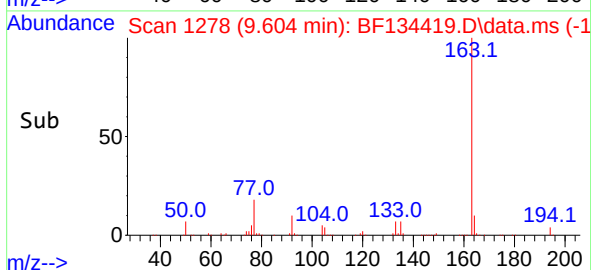
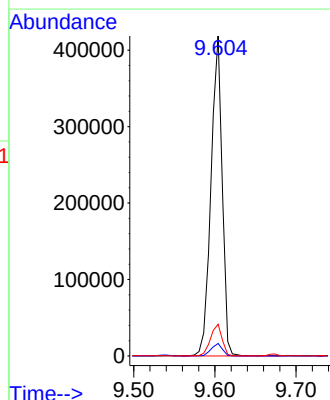
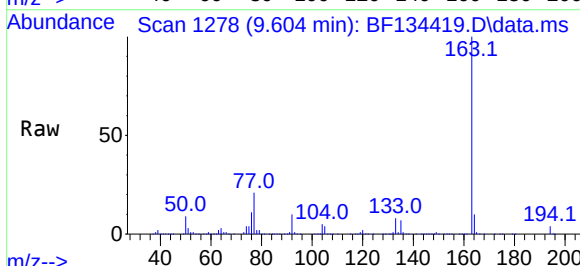
Tgt Ion:163 Resp: 400001

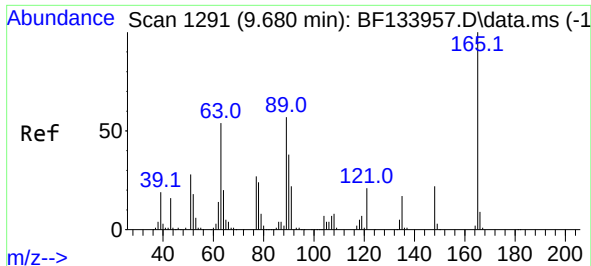
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 49.047 ng

RT: 9.674 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134419.D

Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

SLUDGE-DRUMMS

Tgt Ion:165 Resp: 8774

Ion Ratio Lower Upper

165 100

63 54.9 48.5 72.7

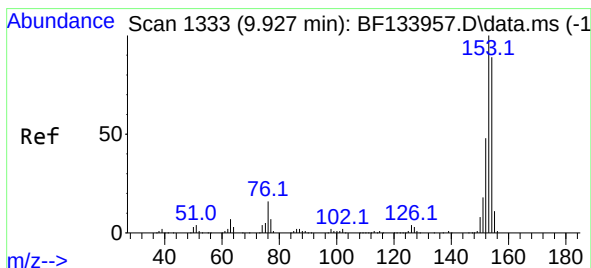
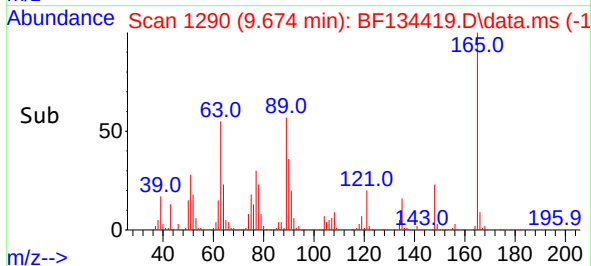
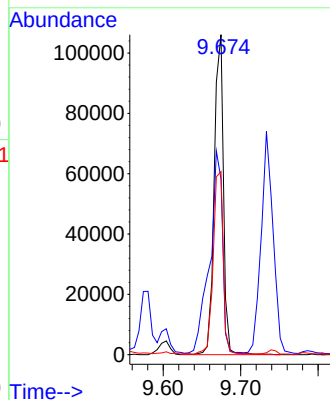
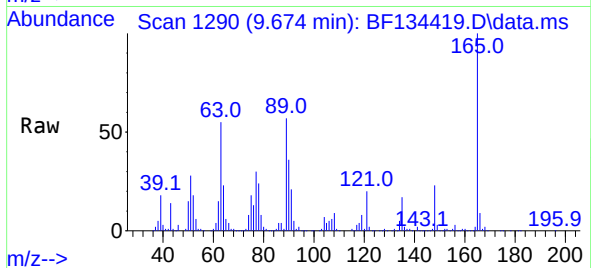
89 57.2 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023



#52

Acenaphthene

Concen: 48.229 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.000 min

Lab File: BF134419.D

Acq: 22 Jul 2023 13:23

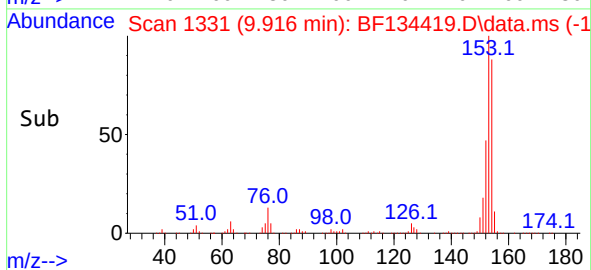
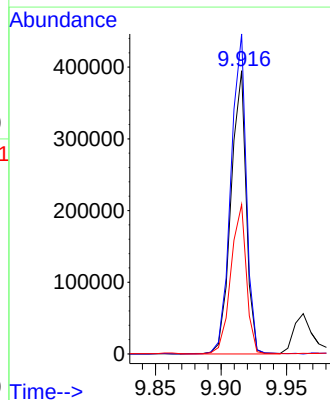
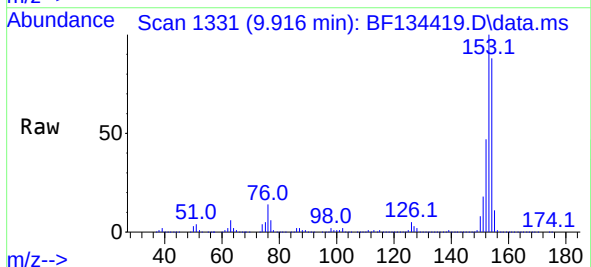
Tgt Ion:154 Resp: 321035

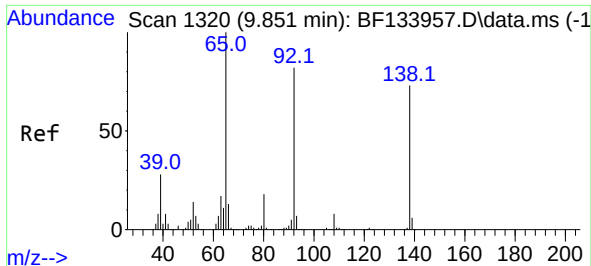
Ion Ratio Lower Upper

154 100

153 113.0 89.4 134.2

152 52.8 42.8 64.2





#53
3-Nitroaniline
Concen: 11.044 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

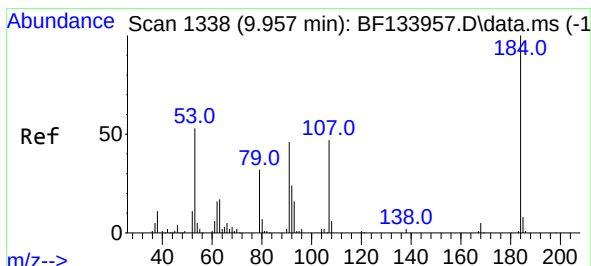
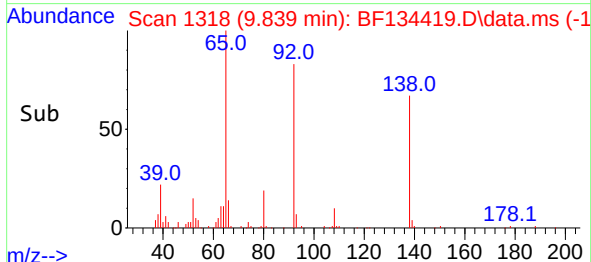
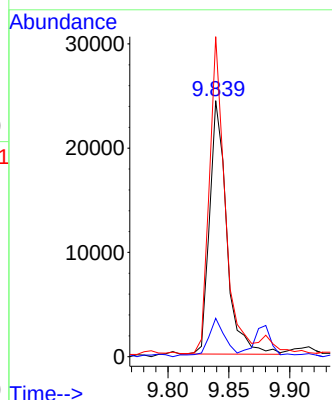
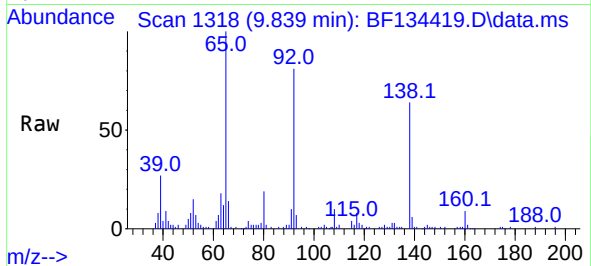
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Tgt Ion:138 Resp: 23702
Ion Ratio Lower Upper
138 100
108 15.0 8.4 12.6
92 125.0 90.1 135.1

Manual Integrations

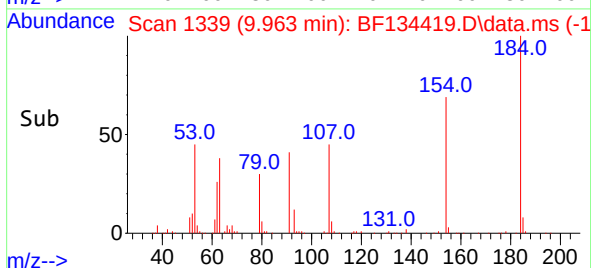
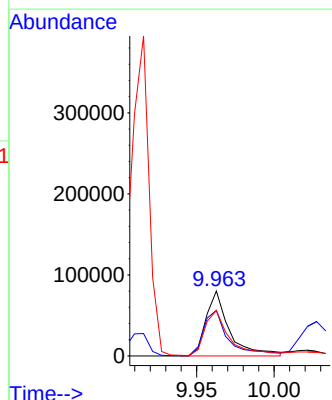
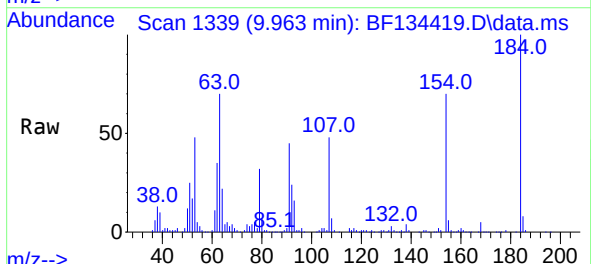
APPROVED

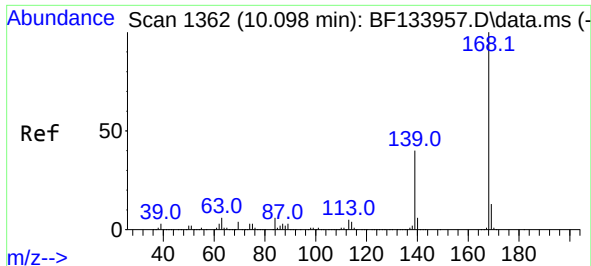
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#54
2,4-Dinitrophenol
Concen: 81.154 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

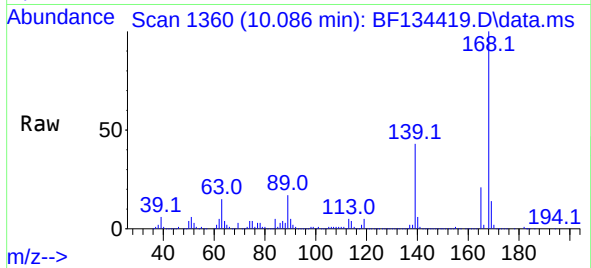
Tgt Ion:184 Resp: 83902
Ion Ratio Lower Upper
184 100
63 70.3 56.9 85.3
154 70.1 55.4 83.0





#55
Dibenzofuran
Concen: 45.950 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

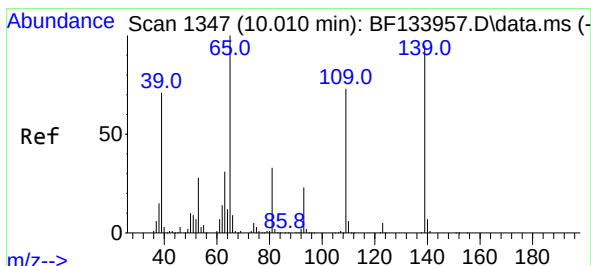
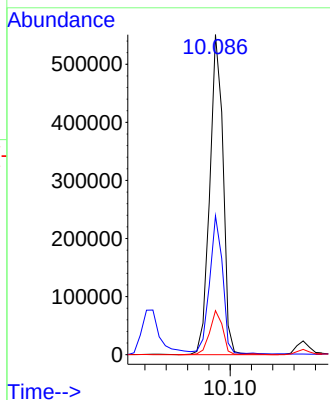
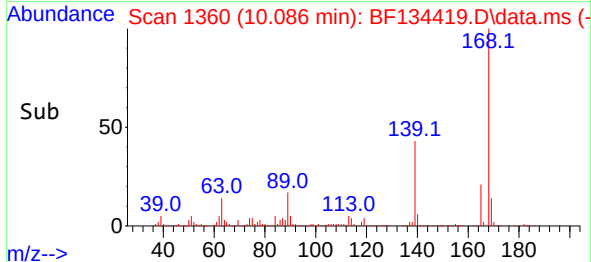
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



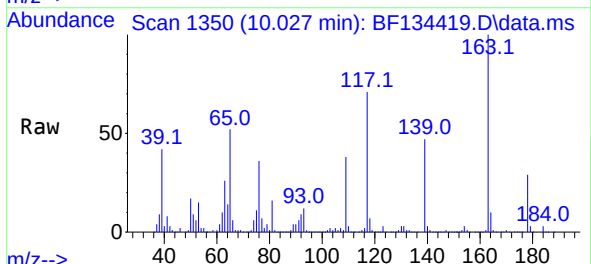
Tgt Ion:168 Resp: 47802
Ion Ratio Lower Upper
168 100
139 43.4 32.0 48.0
169 13.8 10.6 16.0

Manual Integrations
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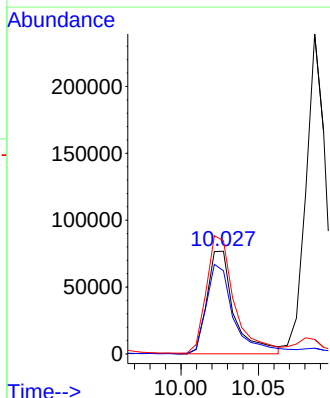
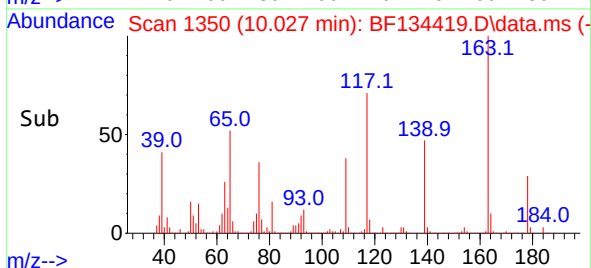
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

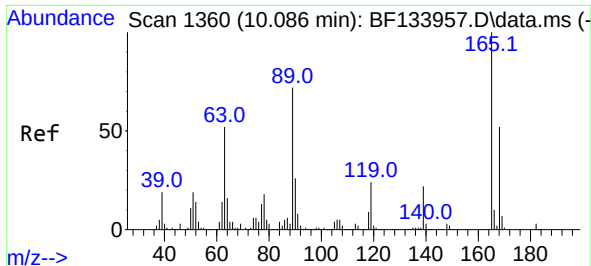


#56
4-Nitrophenol
Concen: 62.296 ng
RT: 10.027 min Scan# 1350
Delta R.T. 0.018 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



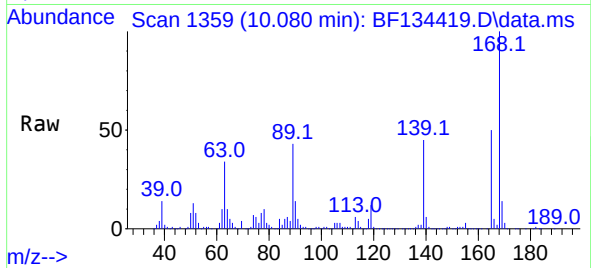
Tgt Ion:139 Resp: 93518
Ion Ratio Lower Upper
139 100
109 81.0 56.8 96.8
65 110.1 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 49.613 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

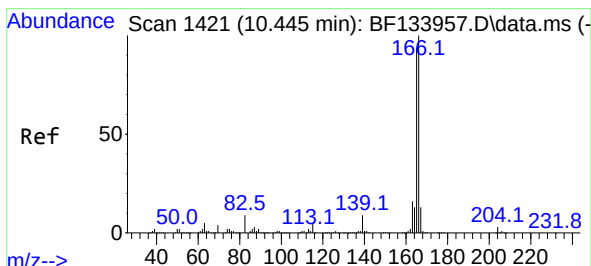
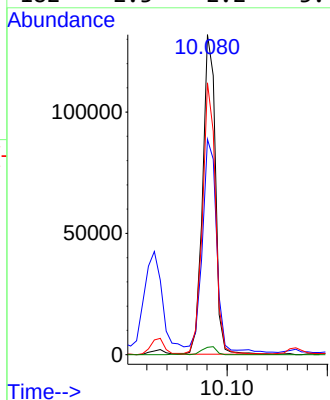
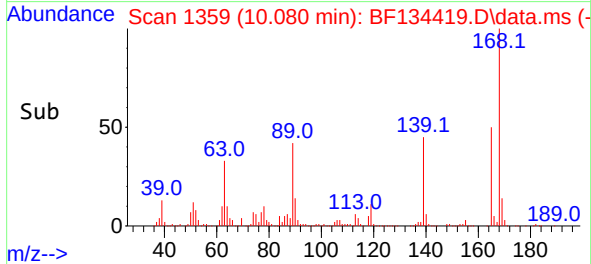
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



Tgt Ion:165 Resp: 117212
Ion Ratio Lower Upper
165 100
63 67.3 42.2 63.2
89 84.9 57.4 86.2
182 2.3 2.2 3.4

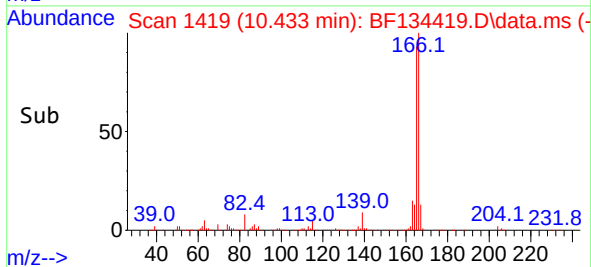
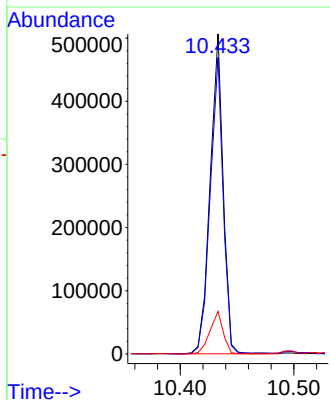
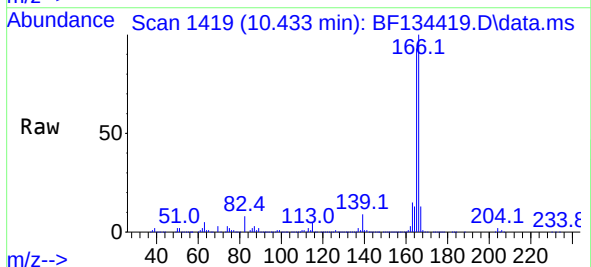
Manual Integrations
APPROVED

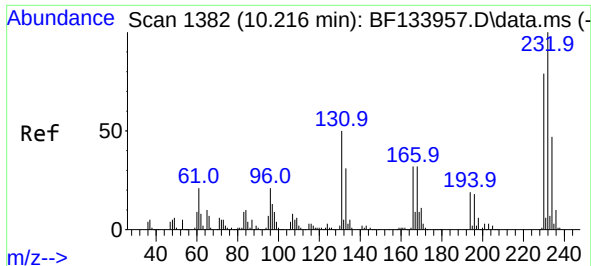
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#58
Fluorene
Concen: 49.892 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

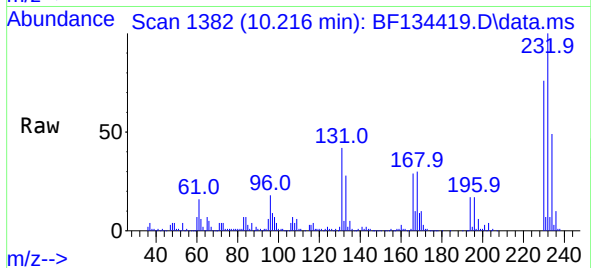
Tgt Ion:166 Resp: 403800
Ion Ratio Lower Upper
166 100
165 92.6 75.0 112.4
167 13.3 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.464 ng m
RT: 10.216 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

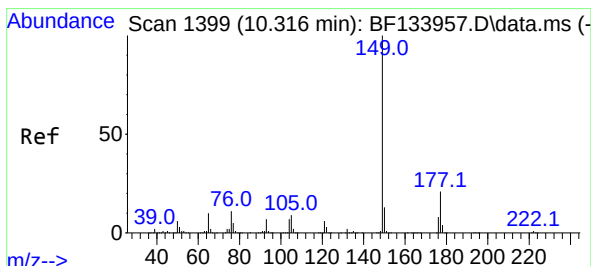
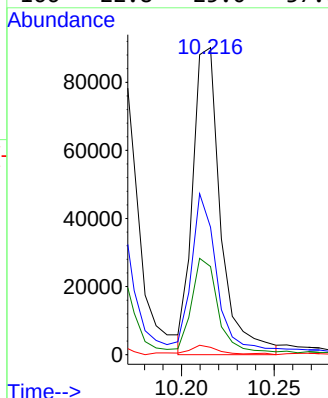
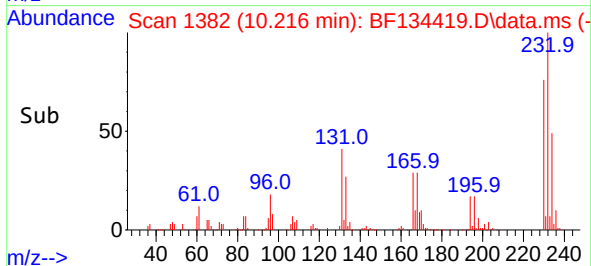
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



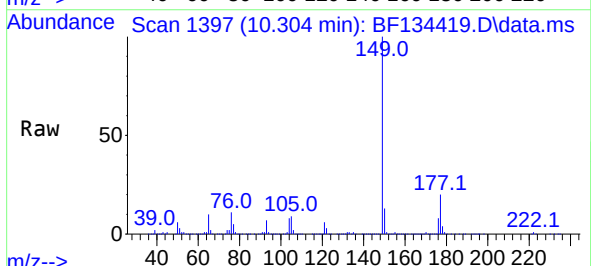
Tgt Ion:232 Resp: 9520
Ion Ratio Lower Upper
232 100
131 38.6 39.3 58.9
130 2.1 1.8 2.6
166 22.8 25.0 37.6#

Manual Integrations
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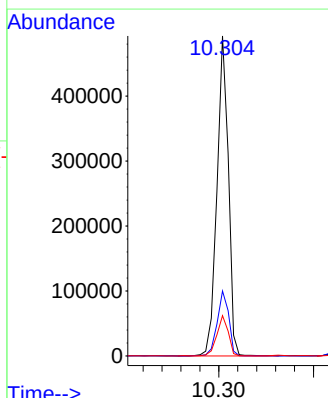
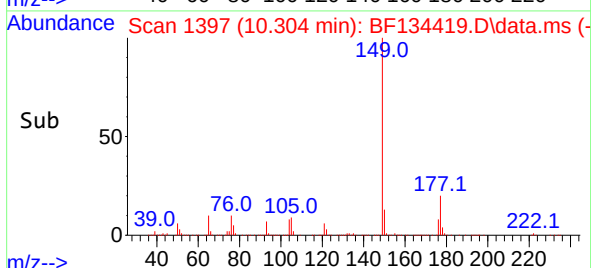
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

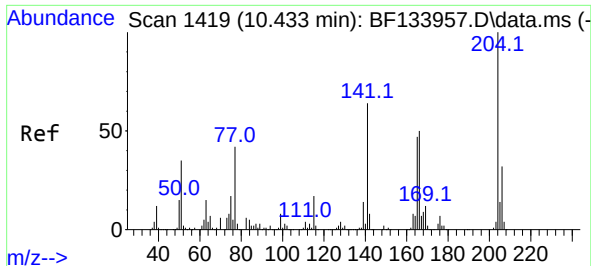


#60
Diethylphthalate
Concen: 47.476 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



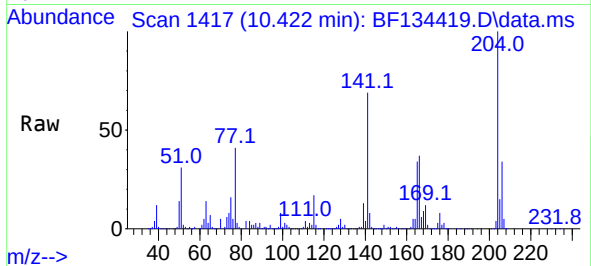
Tgt Ion:149 Resp: 410823
Ion Ratio Lower Upper
149 100
177 20.3 17.0 25.6
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 48.452 ng
RT: 10.422 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

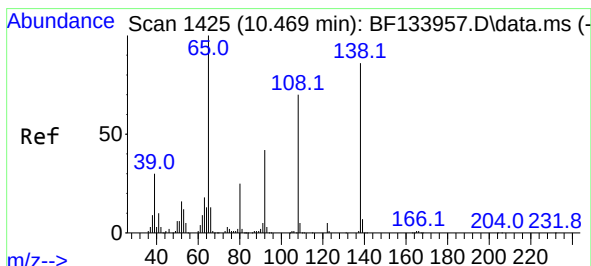
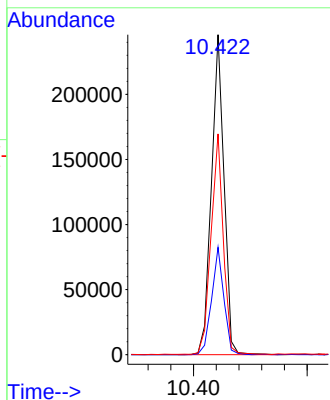
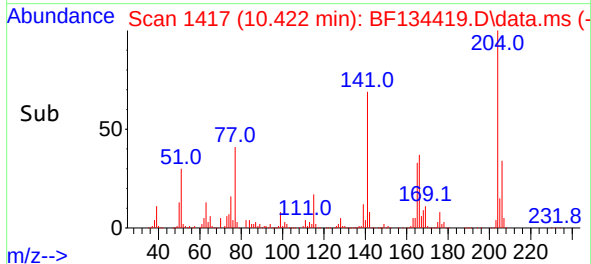
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



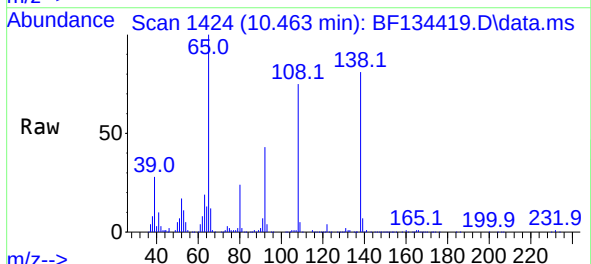
Tgt Ion:204 Resp: 188980
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.6
141 69.0 51.5 77.3

Manual Integrations
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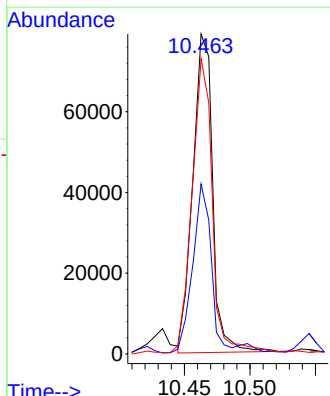
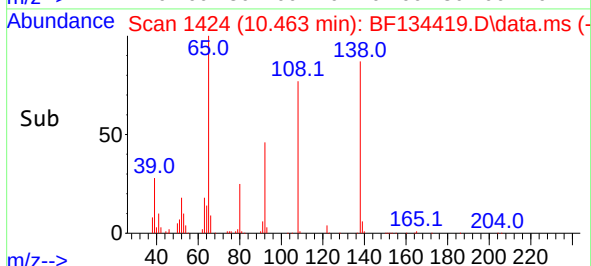
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

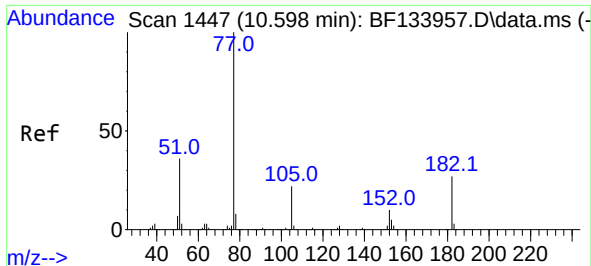


#62
4-Nitroaniline
Concen: 38.405 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



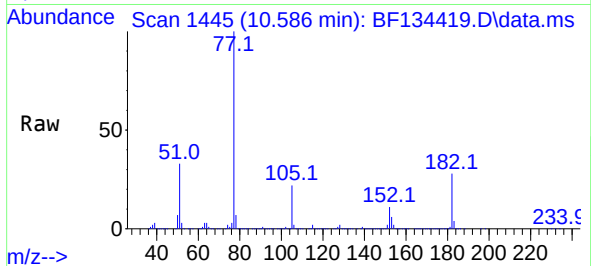
Tgt Ion:138 Resp: 83063
Ion Ratio Lower Upper
138 100
92 53.1 29.7 69.7
108 92.3 62.1 102.1





#63
Azobenzene
Concen: 44.674 ng
RT: 10.586 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

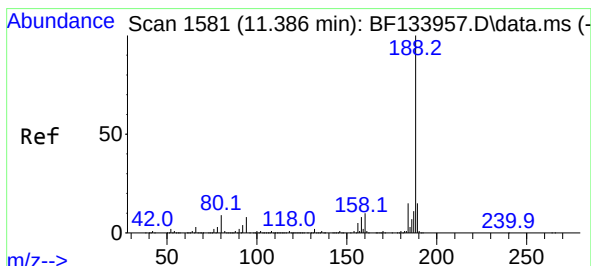
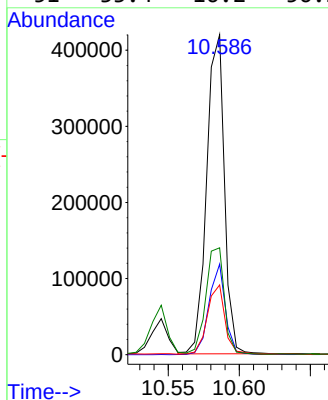
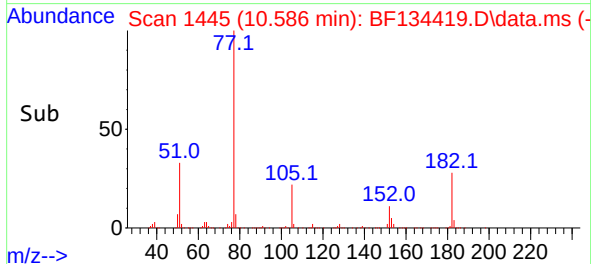
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



Tgt Ion: 77 Resp: 365679
Ion Ratio Lower Upper
77 100
182 28.3 6.8 46.8
105 21.8 2.3 42.3
51 33.4 16.2 56.2

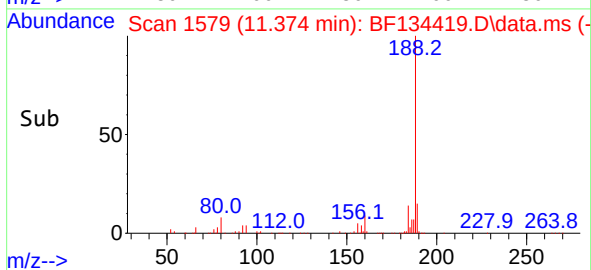
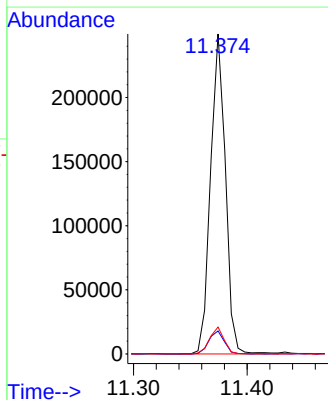
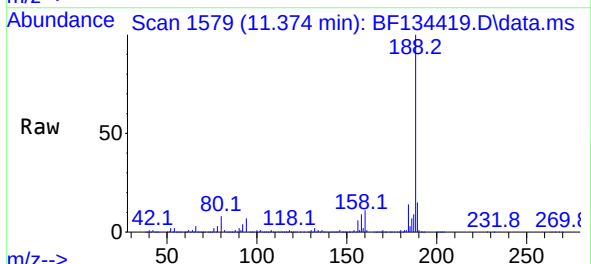
Manual Integrations
APPROVED

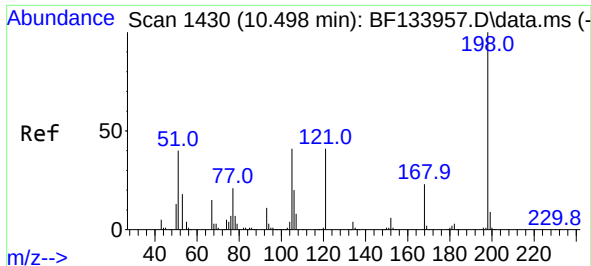
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

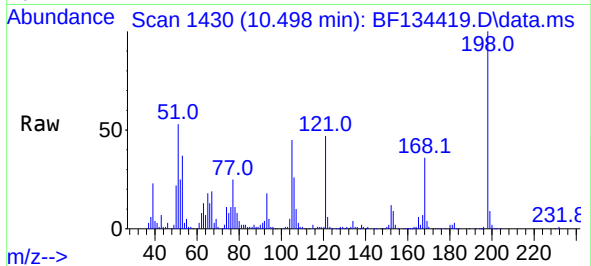
Tgt Ion:188 Resp: 227009
Ion Ratio Lower Upper
188 100
94 7.2 6.4 9.6
80 8.4 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 47.179 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

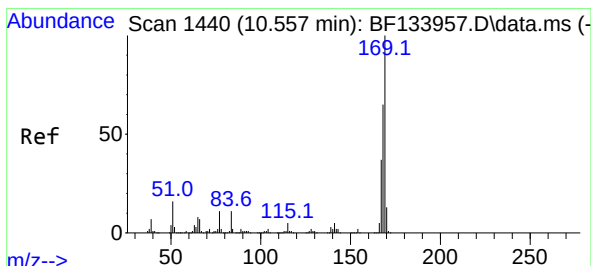
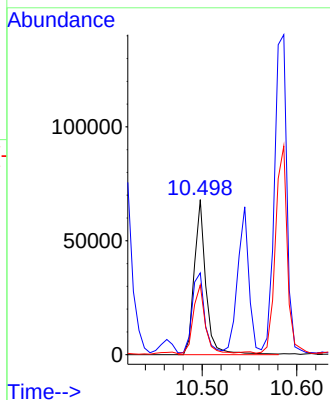
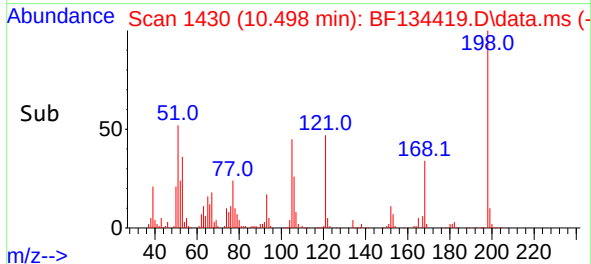
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



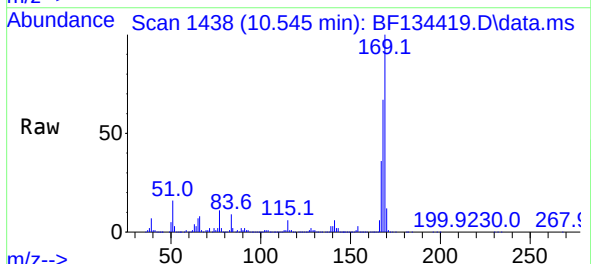
Tgt Ion:198 Resp: 5839
Ion Ratio Lower Upper
198 100
51 52.8 29.3 69.3
105 45.0 22.4 62.4

Manual Integrations
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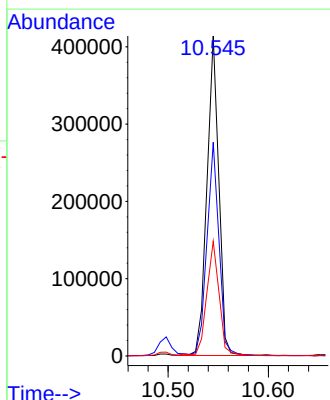
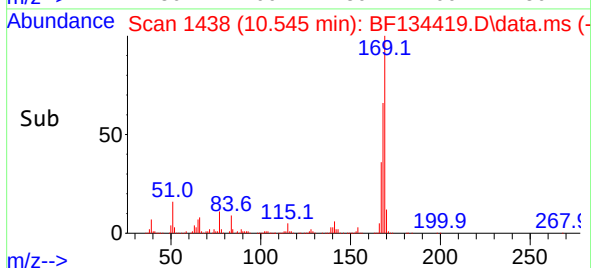
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

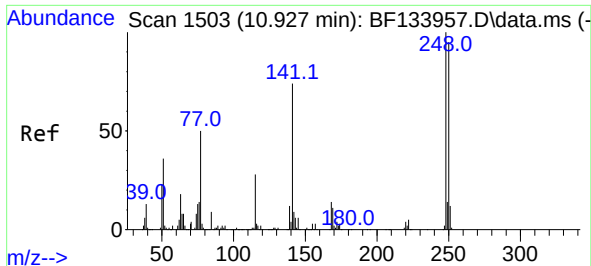


#66
n-Nitrosodiphenylamine
Concen: 47.153 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



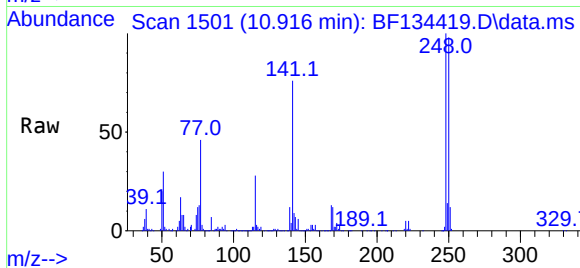
Tgt Ion:169 Resp: 342000
Ion Ratio Lower Upper
169 100
168 66.8 52.3 78.5
167 35.9 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 49.430 ng
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

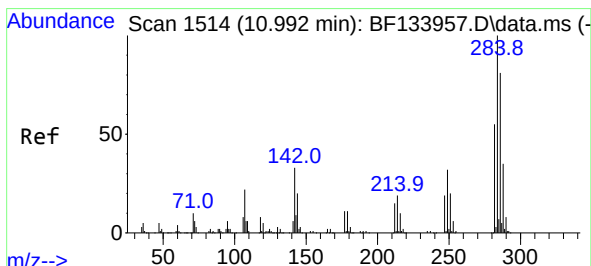
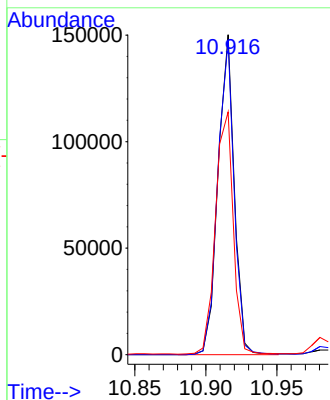
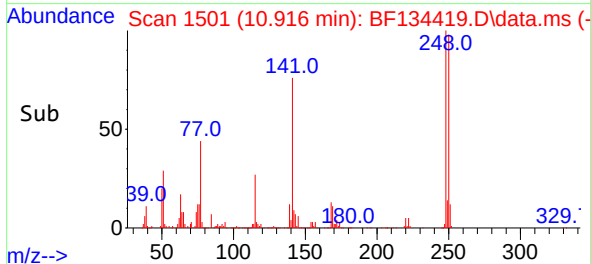
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



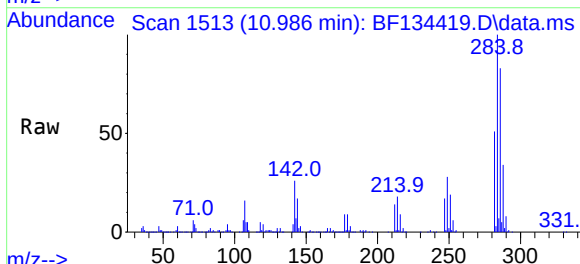
Tgt Ion:248 Resp: 11926
Ion Ratio Lower Upper
248 100
250 98.1 76.2 114.4
141 75.9 59.0 88.4

Manual Integrations
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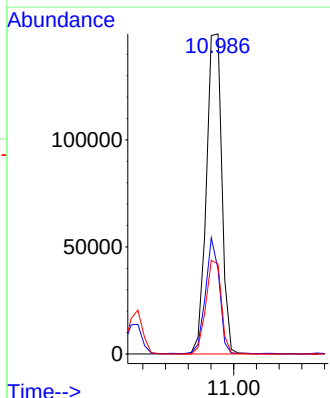
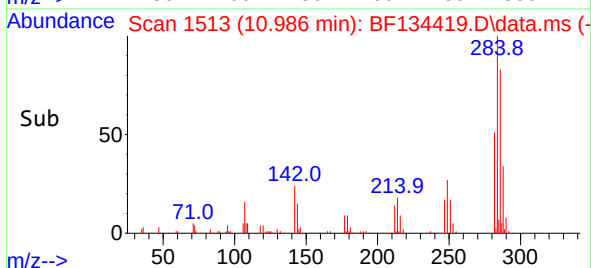
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

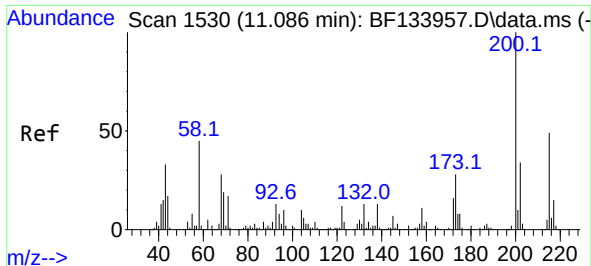


#68
Hexachlorobenzene
Concen: 55.030 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



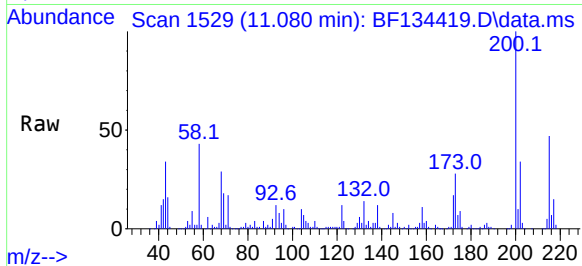
Tgt Ion:284 Resp: 140979
Ion Ratio Lower Upper
284 100
142 26.4 26.6 40.0#
249 28.1 25.5 38.3





#69
Atrazine
Concen: 57.043 ng
RT: 11.080 min Scan# 11444
Delta R.T. 0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

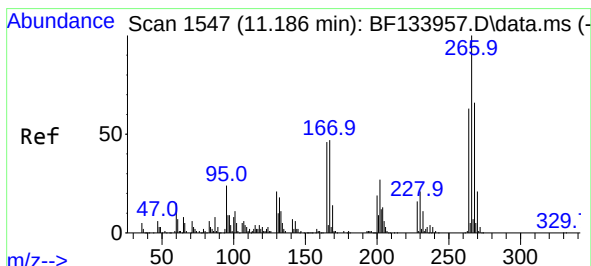
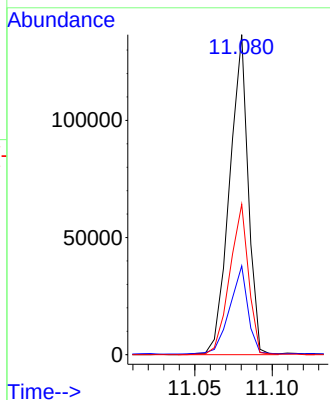
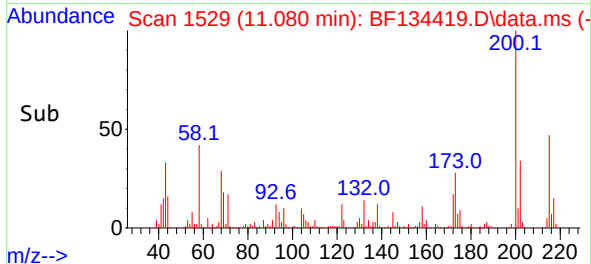
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



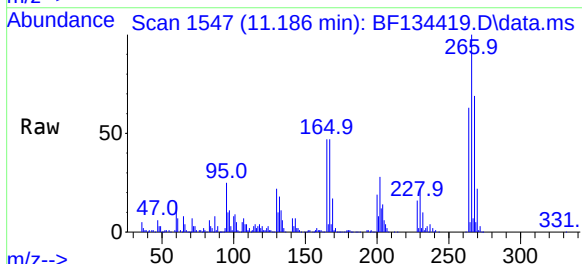
Tgt Ion:200 Resp: 11444
Ion Ratio Lower Upper
200 100
173 27.7 8.0 48.0
215 47.0 29.3 69.3

Manual Integrations
APPROVED

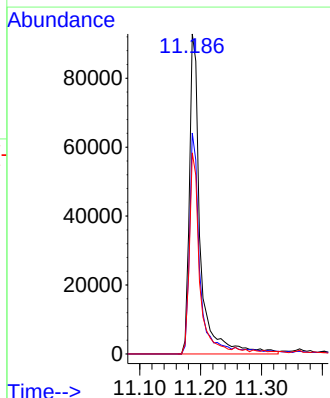
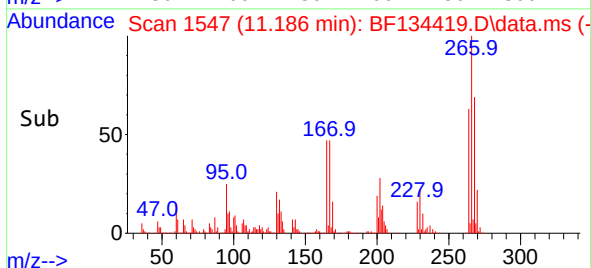
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

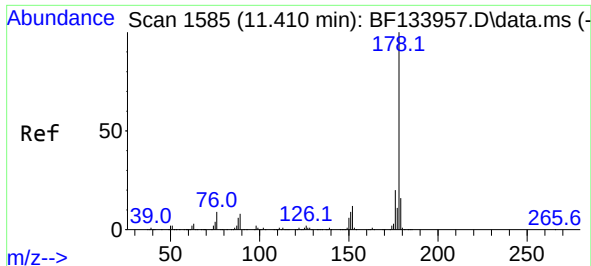


#70
Pentachlorophenol
Concen: 75.163 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



Tgt Ion:266 Resp: 115134
Ion Ratio Lower Upper
266 100
268 69.0 52.6 79.0
264 62.8 50.6 76.0





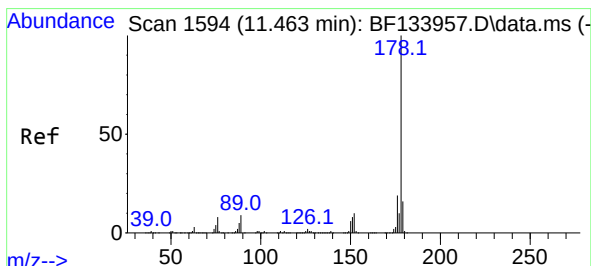
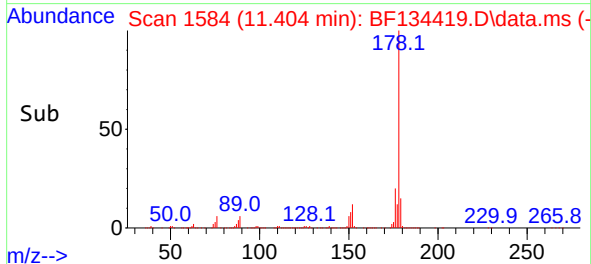
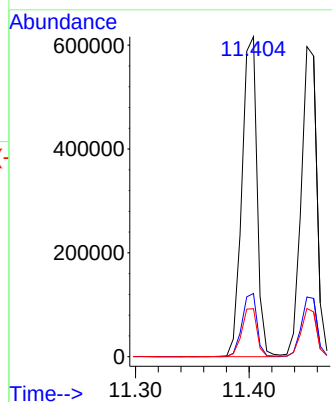
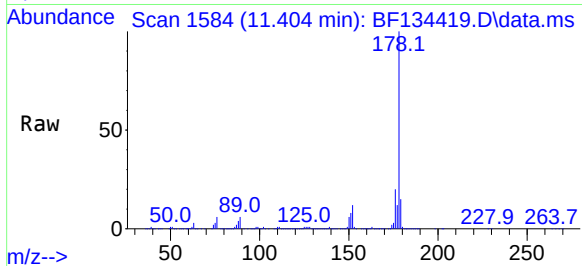
#71
Phenanthrene
Concen: 49.786 ng
RT: 11.404 min Scan# 11592
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS

Tgt Ion:178 Resp: 568958
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.0 12.4 18.6

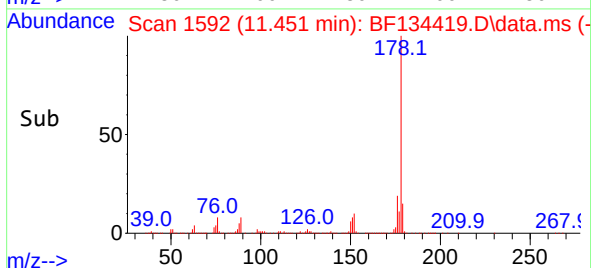
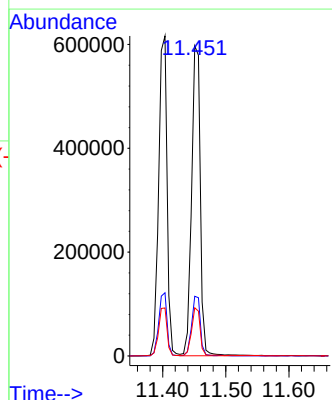
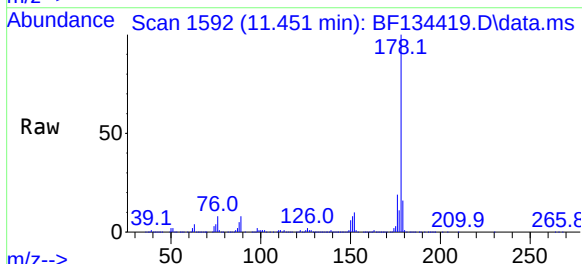
Manual Integrations
APPROVED

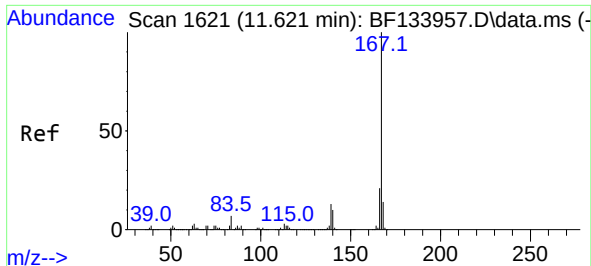
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#72
Anthracene
Concen: 48.510 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

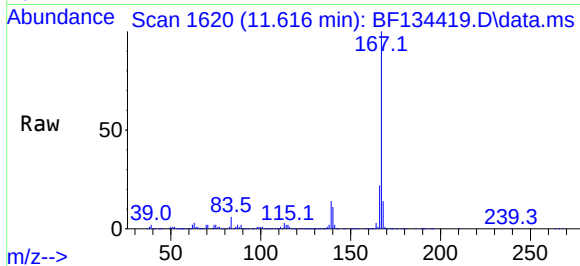
Tgt Ion:178 Resp: 576611
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.5 12.4 18.6





#73
Carbazole
Concen: 49.691 ng
RT: 11.616 min Scan# 1621
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

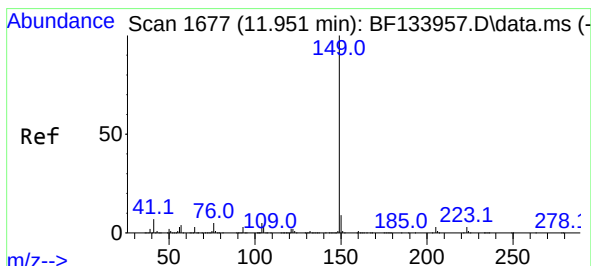
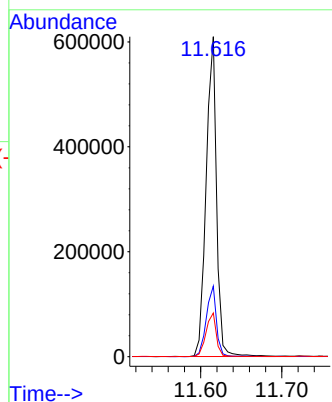
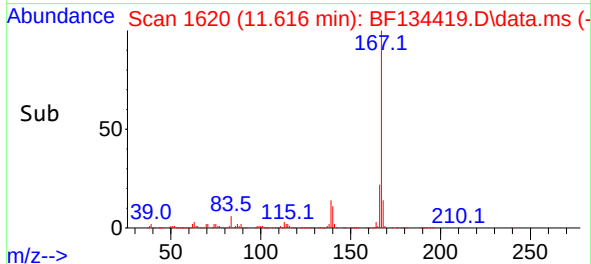
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



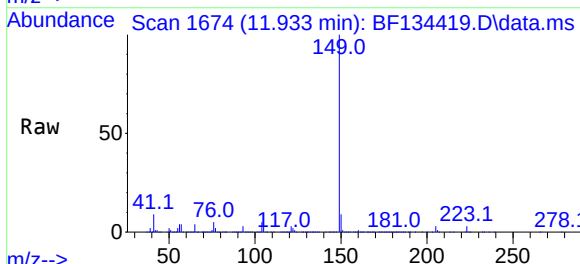
Tgt Ion:167 Resp: 540621
Ion Ratio Lower Upper
167 100
166 22.1 17.0 25.6
139 13.7 10.4 15.6

Manual Integrations
APPROVED

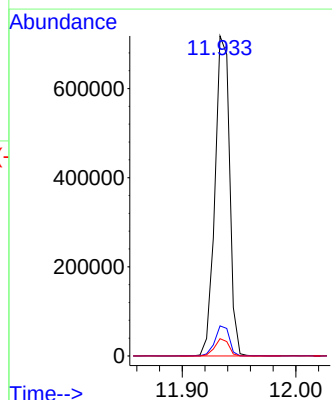
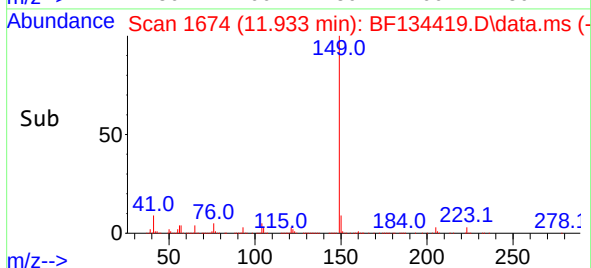
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

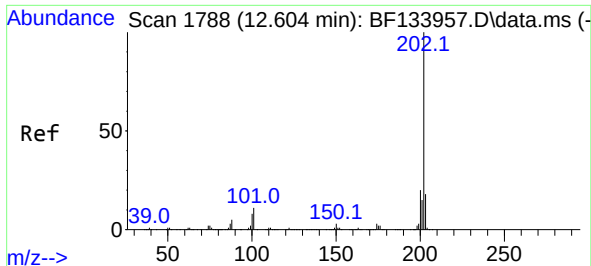


#74
Di-n-butylphthalate
Concen: 49.571 ng
RT: 11.933 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



Tgt Ion:149 Resp: 641349
Ion Ratio Lower Upper
149 100
150 9.4 7.1 10.7
104 5.4 4.0 6.0





#75
Fluoranthene
Concen: 51.096 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

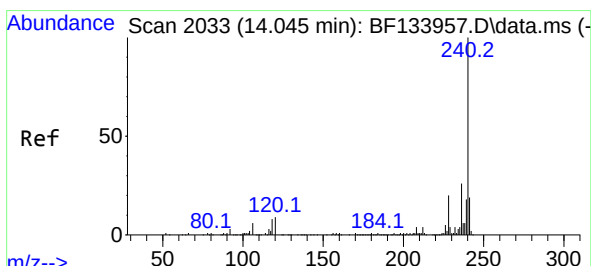
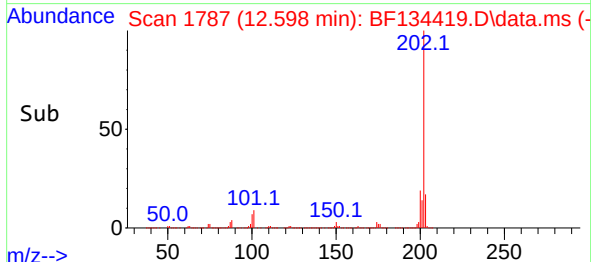
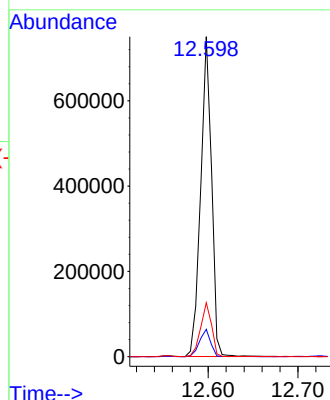
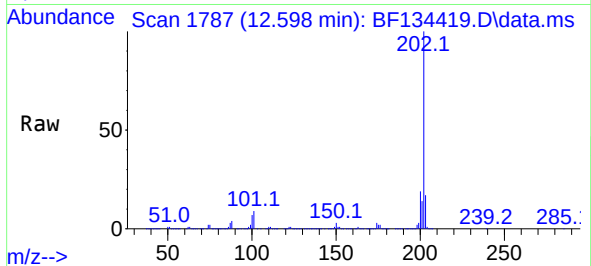
SLUDGE-DRUMMS

Tgt Ion:202 Resp: 63128
Ion Ratio Lower Upper
202 100
101 8.5 0.0 31.0
203 16.9 0.0 37.6

Manual Integrations

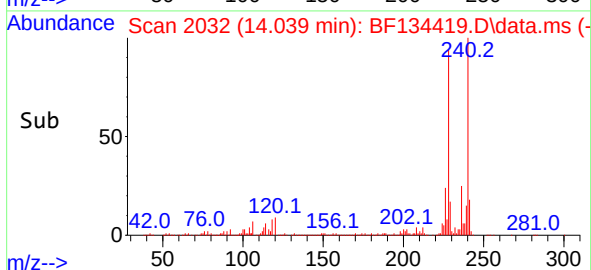
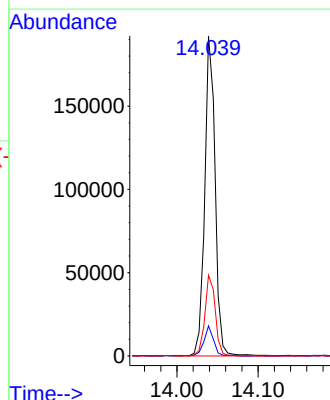
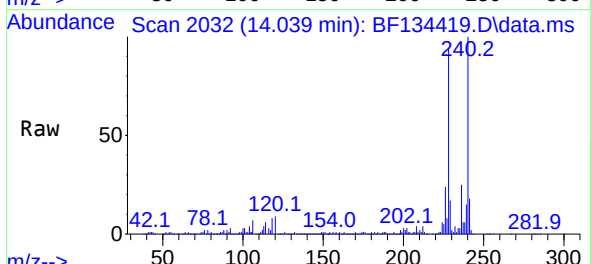
APPROVED

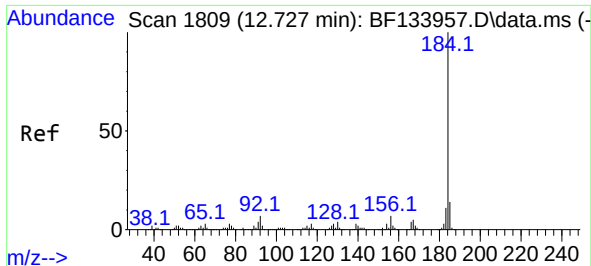
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

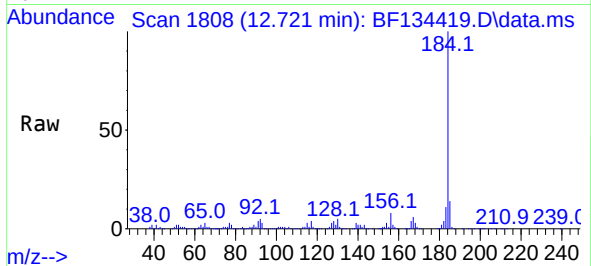
Tgt Ion:240 Resp: 171107
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 25.3 21.0 31.6





#77
Benzidine
Concen: 49.021 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

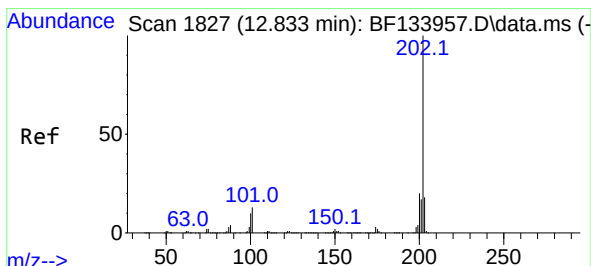
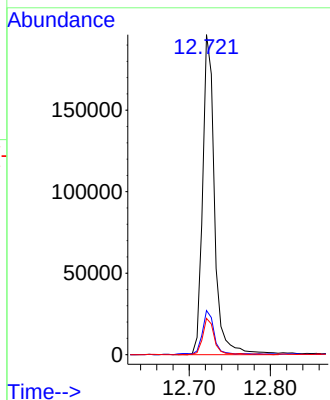
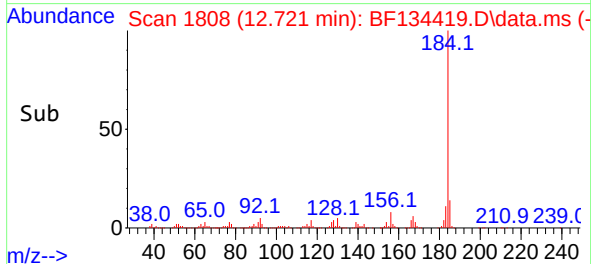
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS



Tgt Ion:184 Resp: 19958
Ion Ratio Lower Upper
184 100
185 13.8 11.6 17.4
183 11.3 8.8 13.2

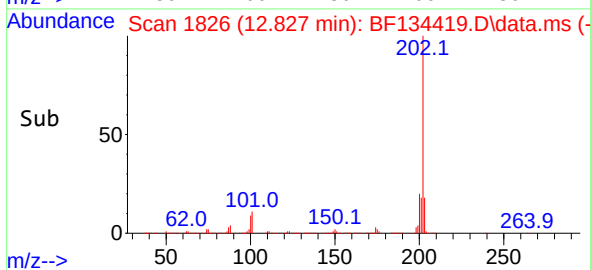
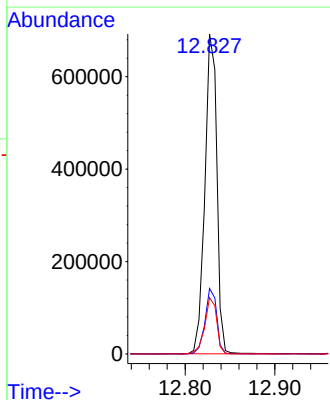
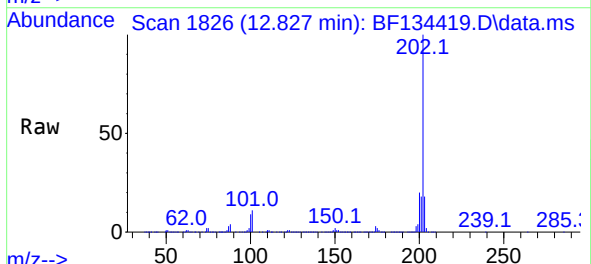
Manual Integrations
APPROVED

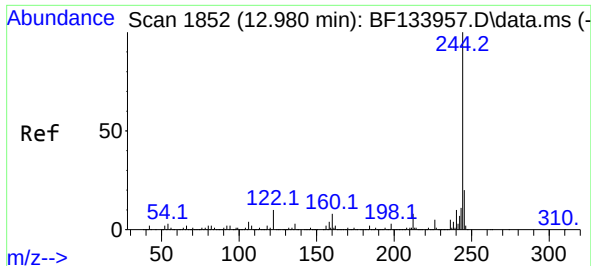
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#78
Pyrene
Concen: 40.298 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Tgt Ion:202 Resp: 641704
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 17.6 14.3 21.5





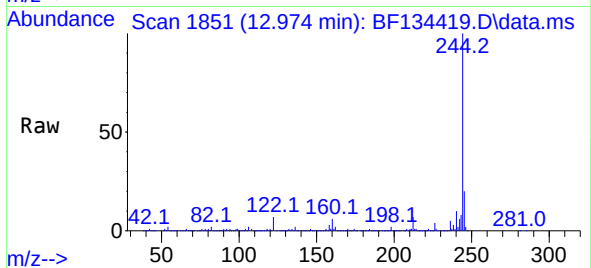
#79
Terphenyl-d14
Concen: 90.593 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

SLUDGE-DRUMMS

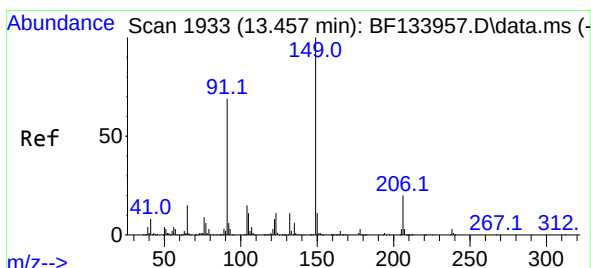
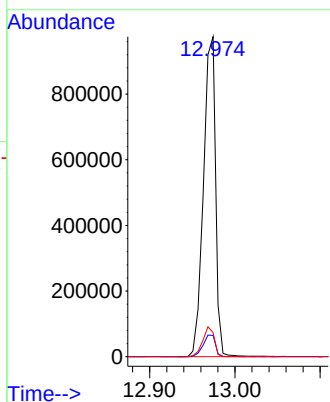
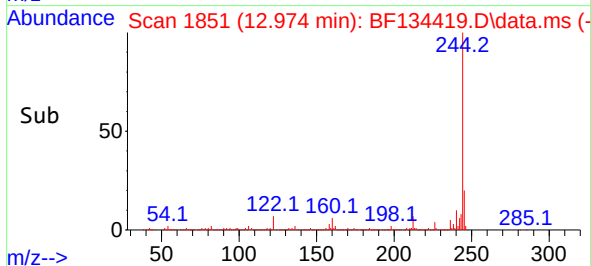


Tgt Ion:244 Resp: 963152
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 7.5 8.3 12.5

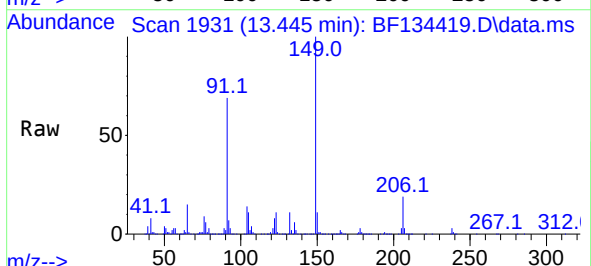
Manual Integrations

APPROVED

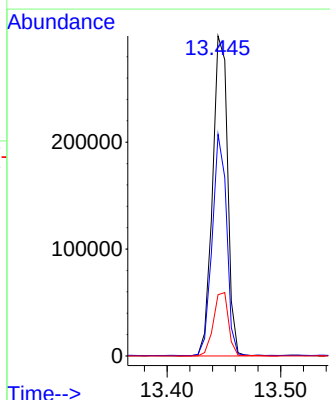
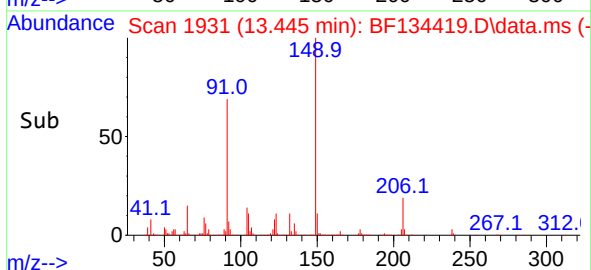
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

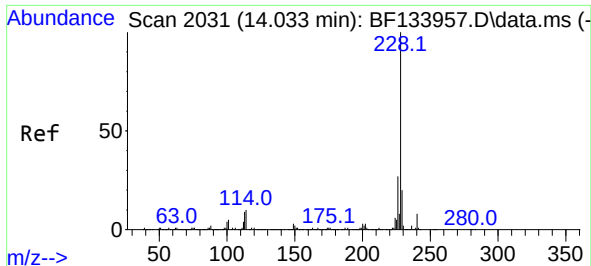


#80
Butylbenzylphthalate
Concen: 46.276 ng
RT: 13.445 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



Tgt Ion:149 Resp: 276367
Ion Ratio Lower Upper
149 100
91 69.2 55.1 82.7
206 19.1 15.7 23.5





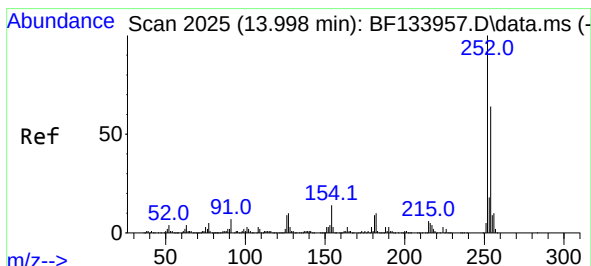
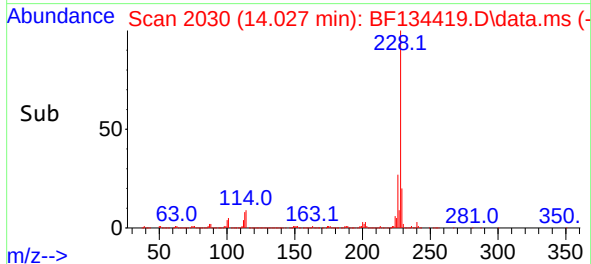
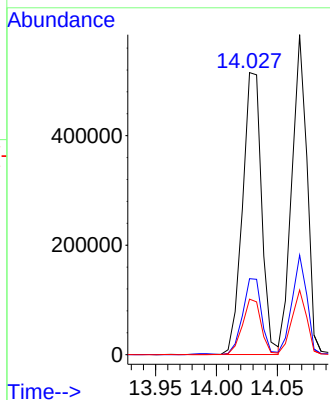
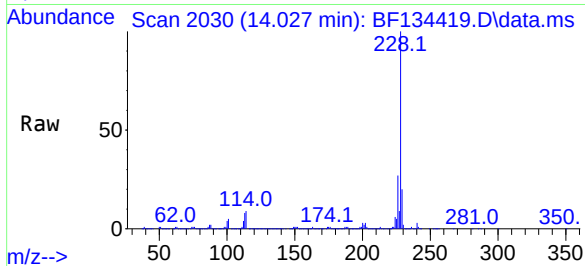
#81
Benzo(a)anthracene
Concen: 47.532 ng
RT: 14.027 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMS

Tgt Ion:228 Resp: 56404
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.7 16.3 24.5

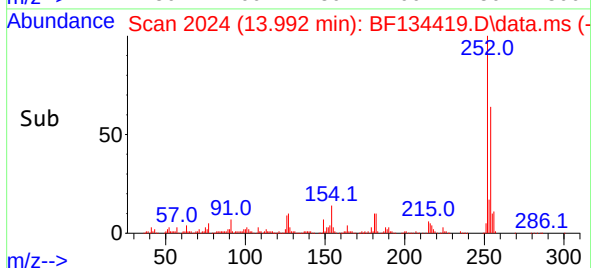
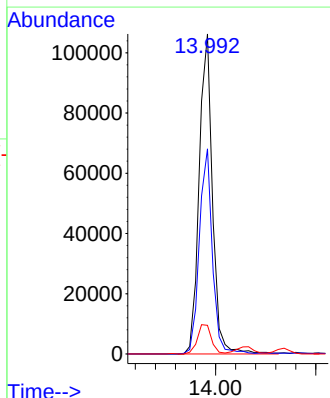
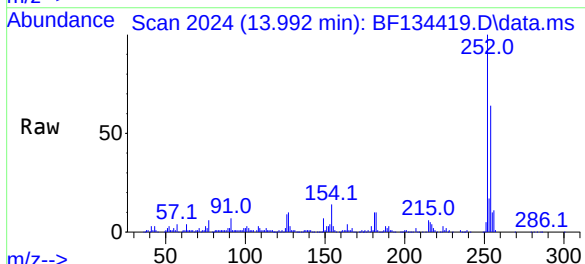
Manual Integrations
APPROVED

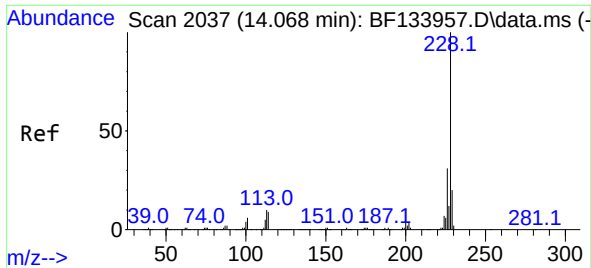
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 26.201 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Tgt Ion:252 Resp: 98506
Ion Ratio Lower Upper
252 100
254 64.1 51.4 77.0
126 8.9 7.4 11.2





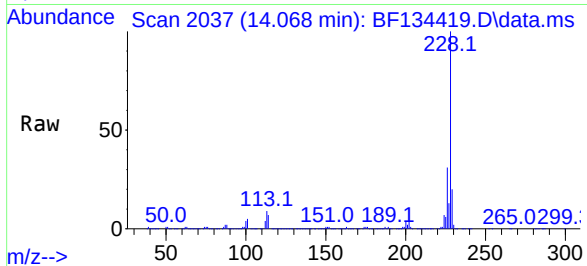
#83
Chrysene
Concen: 44.323 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

SLUDGE-DRUMMS

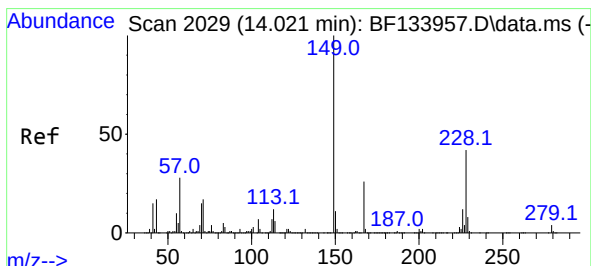
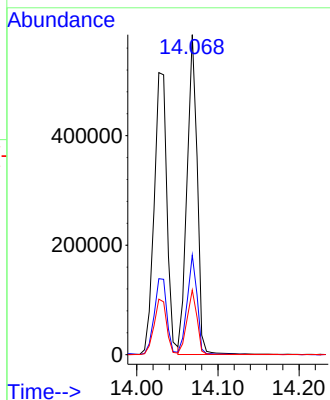
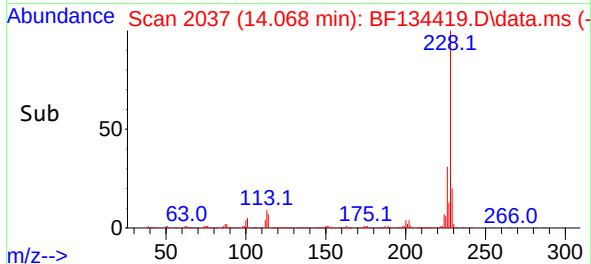


Tgt Ion:228 Resp: 509430
Ion Ratio Lower Upper
228 100
226 31.1 24.4 36.6
229 20.2 16.1 24.1

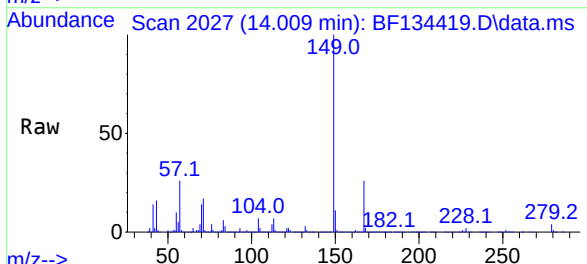
Manual Integrations

APPROVED

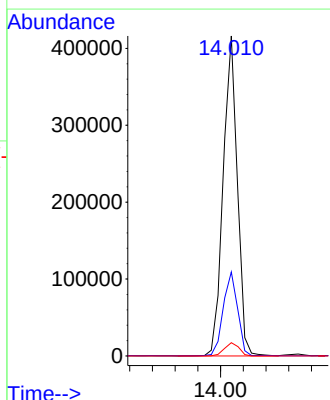
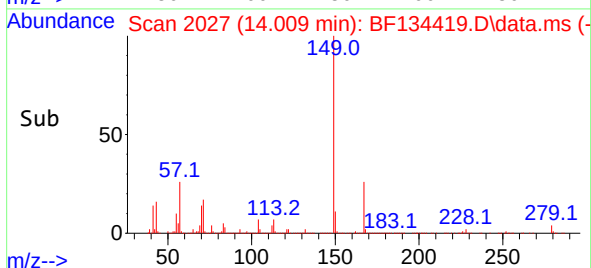
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

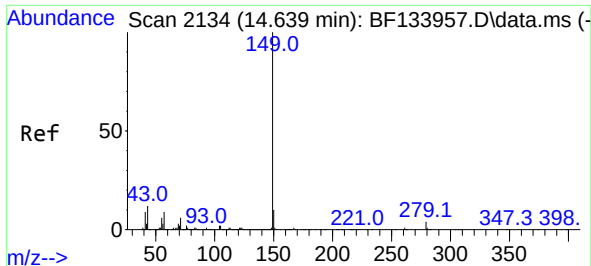


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.821 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



Tgt Ion:149 Resp: 362481
Ion Ratio Lower Upper
149 100
167 26.2 21.0 31.4
279 4.2 3.3 4.9





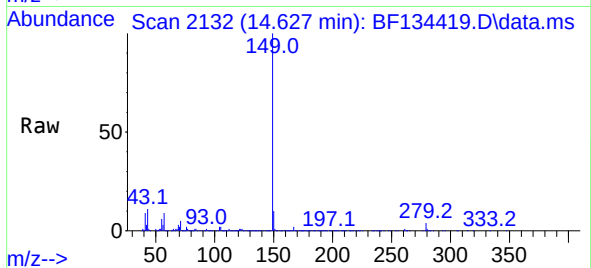
#85
Di-n-octyl phthalate
Concen: 56.001 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

SLUDGE-DRUMMS

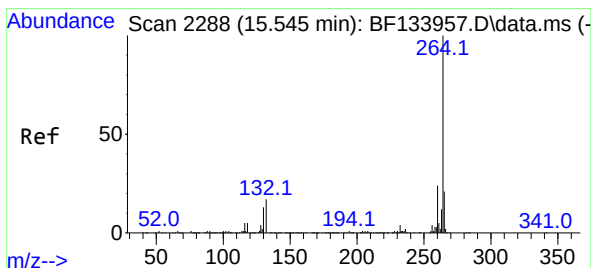
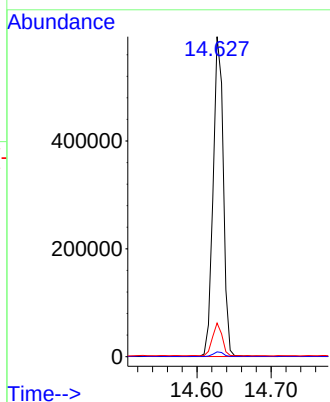
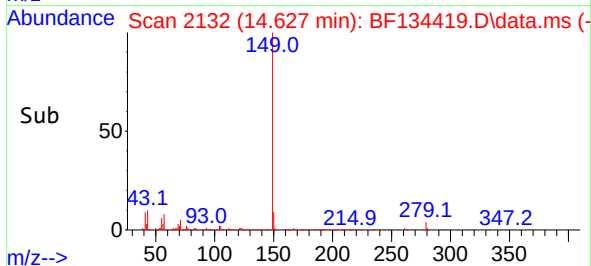


Tgt Ion:149 Resp: 56468
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.7 9.0 13.4

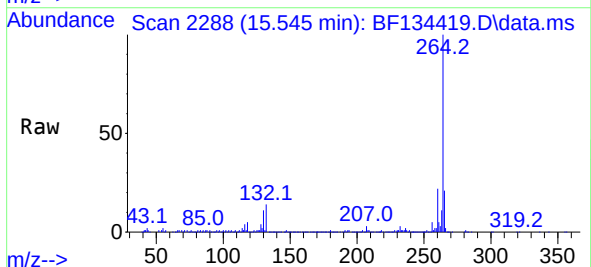
Manual Integrations

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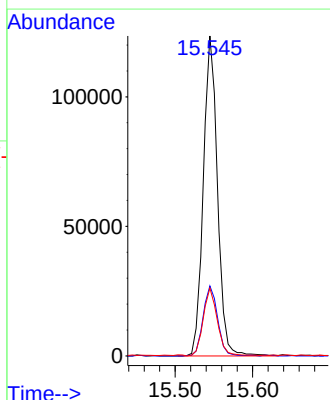
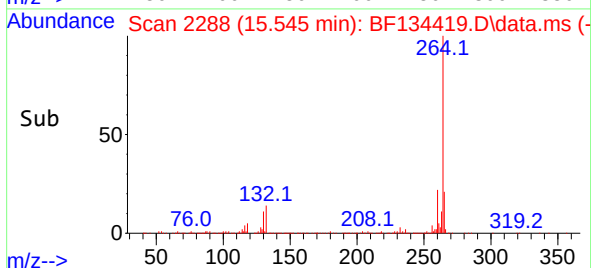
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

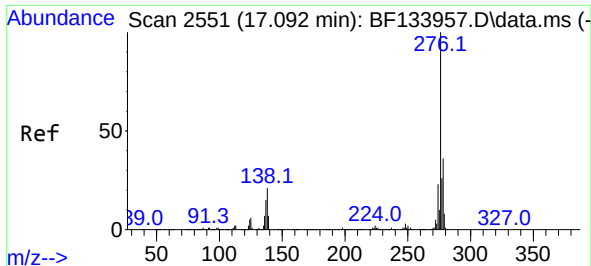


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23



Tgt Ion:264 Resp: 156511
Ion Ratio Lower Upper
264 100
260 21.9 19.5 29.3
265 21.2 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.919 ng
RT: 17.109 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

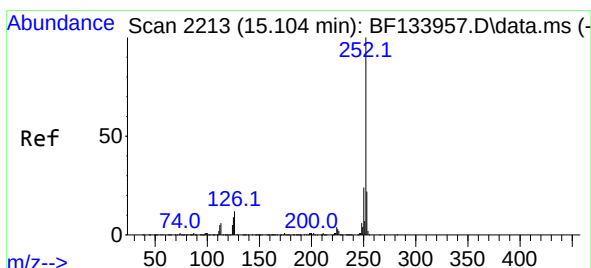
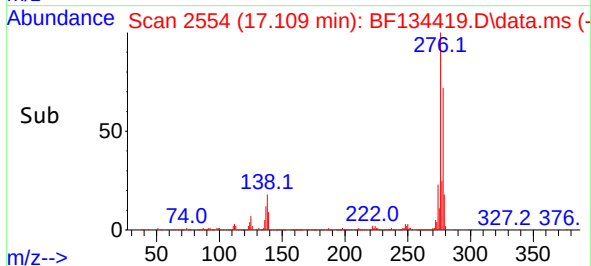
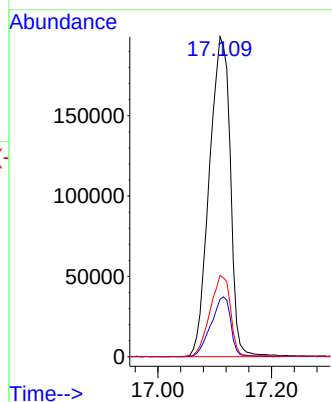
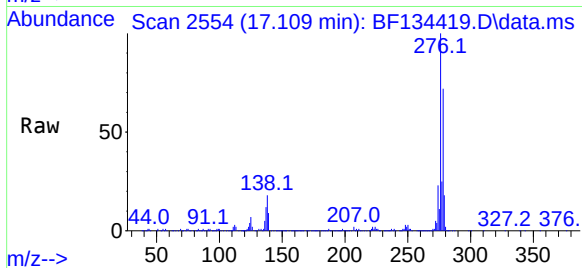
SLUDGE-DRUMMS

Tgt Ion:276 Resp: 50955
Ion Ratio Lower Upper
276 100
138 17.7 18.7 28.1
277 24.8 19.9 29.9

Manual Integrations

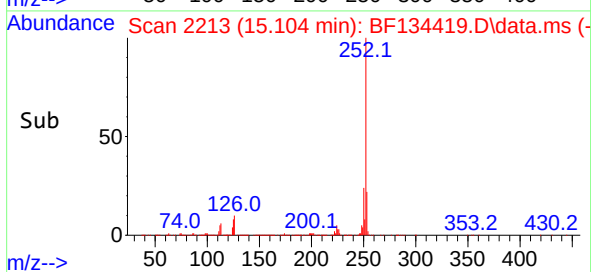
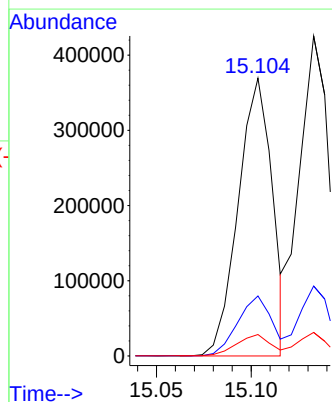
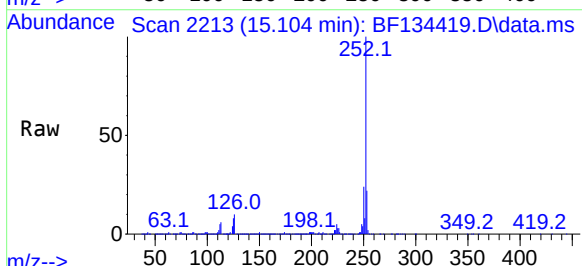
APPROVED

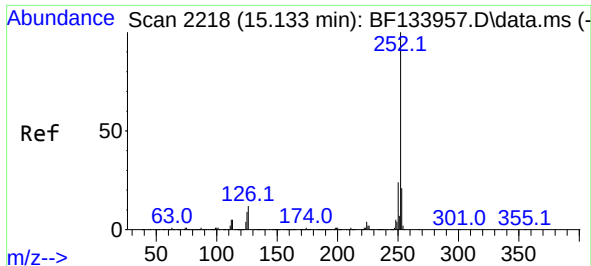
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#88
Benzo(b)fluoranthene
Concen: 50.288 ng
RT: 15.104 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Tgt Ion:252 Resp: 462797
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 7.7 7.1 10.7





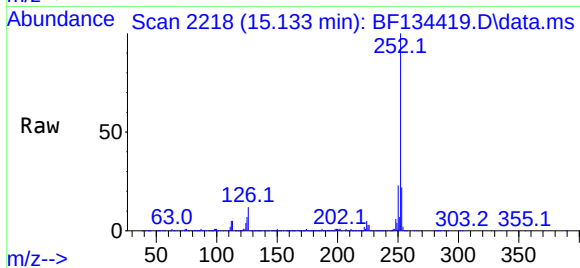
#89
Benzo(k)fluoranthene
Concen: 49.379 ng m
RT: 15.133 min Scan# 2218
Delta R.T. -0.000 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

SLUDGE-DRUMMS

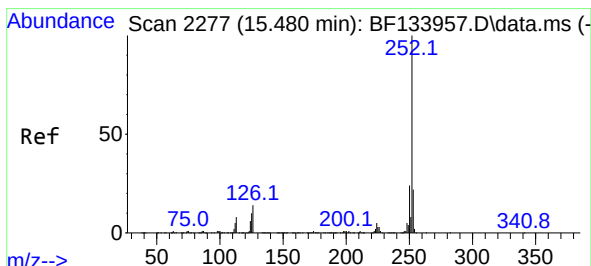
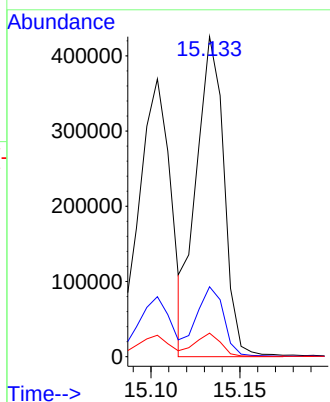
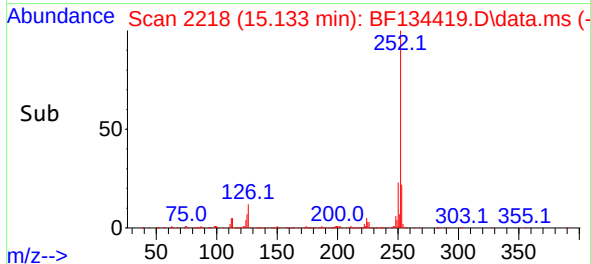


Tgt Ion:252 Resp: 46268
Ion Ratio Lower Upper
252 100
253 21.9 16.9 25.3
125 7.3 7.4 11.2

Manual Integrations

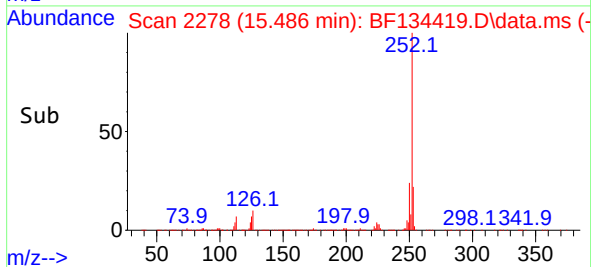
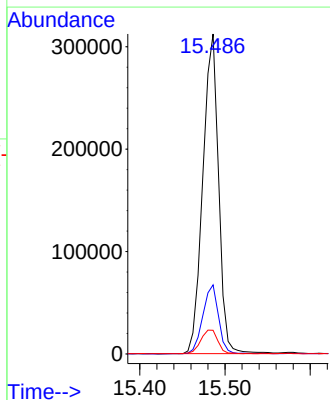
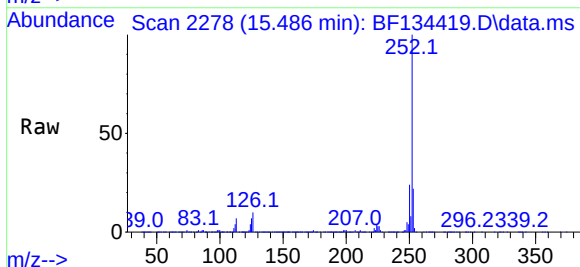
APPROVED

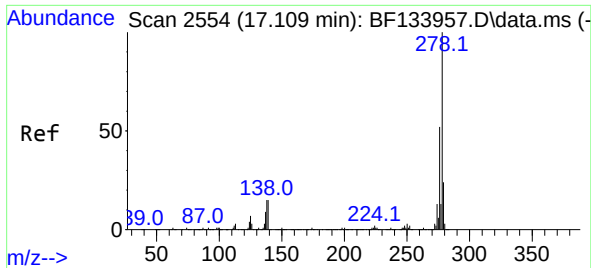
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#90
Benzo(a)pyrene
Concen: 45.139 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.006 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Tgt Ion:252 Resp: 401702
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 7.4 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 47.264 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Instrument :

BNA_F

ClientSampleId :

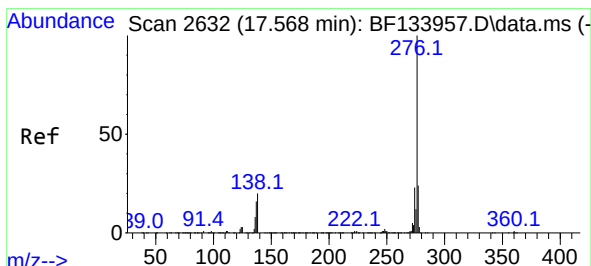
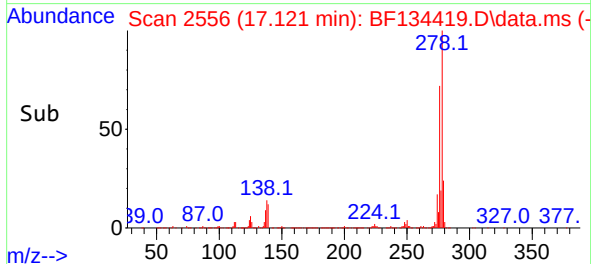
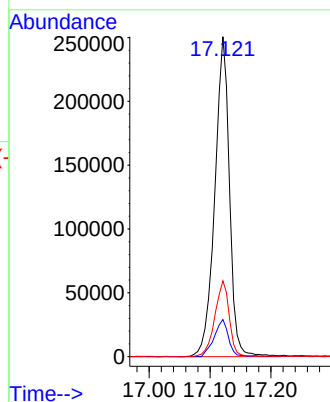
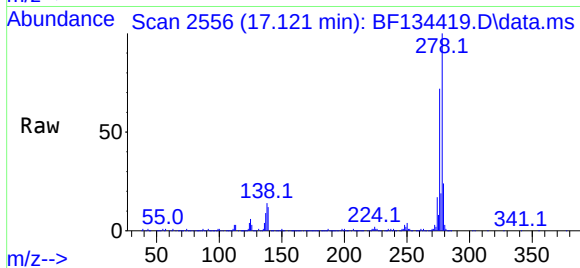
SLUDGE-DRUMMS

Tgt Ion:278 Resp: 419255
Ion Ratio Lower Upper
278 100
139 11.6 12.2 18.4
279 23.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#92
Benzo(g,h,i)perylene
Concen: 44.924 ng
RT: 17.580 min Scan# 2634
Delta R.T. 0.012 min
Lab File: BF134419.D
Acq: 22 Jul 2023 13:23

Tgt Ion:276 Resp: 410955
Ion Ratio Lower Upper
276 100
277 22.1 19.0 28.6
138 15.8 16.2 24.2#

