

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130106.D
 Acq On : 02 Sep 2022 12:28
 Operator : CG\JU
 Sample : N4295-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 XRDS-RECYCLED-SAND-SP-A-COMPMS

Quant Time: Sep 03 05:41:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 09/06/2022
 Supervised By : Jagrut Upadhyay 09/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	212052	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	831137	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	426563	20.000	ng	0.00
64) Phenanthrene-d10	11.216	188	684287	20.000	ng	# 0.00
76) Chrysene-d12	13.851	240	387184	20.000	ng	0.00
86) Perylene-d12	15.245	264	372794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	864252	69.191	ng	0.00
7) Phenol-d6	6.328	99	698951	44.884	ng	-0.02
23) Nitrobenzene-d5	7.275	82	1277355	98.769	ng	0.00
42) 2,4,6-Tribromophenol	10.528	330	558557	143.850	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	2201425	85.565	ng	0.00
79) Terphenyl-d14	12.804	244	2034220	91.109	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.399	88	126086	21.599	ng	94
3) Pyridine	3.093	79	297579	19.011	ng	93
4) n-Nitrosodimethylamine	3.034	42	131840	21.417	ng	87
6) Aniline	6.369	93	585937	30.011	ng	# 48
8) 2-Chlorophenol	6.487	128	556686	40.605	ng	97
9) Benzaldehyde	6.251	77	379163	39.780	ng	97
10) Phenol	6.340	94	311005m	17.669	ng	
11) bis(2-Chloroethyl)ether	6.445	93	645128	48.237	ng	96
12) 1,3-Dichlorobenzene	6.645	146	646072	42.510	ng	96
13) 1,4-Dichlorobenzene	6.722	146	655102	42.792	ng	97
14) 1,2-Dichlorobenzene	6.875	146	632449	45.447	ng	98
15) Benzyl Alcohol	6.851	79	331281	31.562	ng	90
16) 2,2'-oxybis(1-Chloropr...	6.987	45	837548	46.080	ng	# 53
17) 2-Methylphenol	6.963	107	368180	31.920	ng	# 86
18) Hexachloroethane	7.216	117	231538	41.883	ng	98
19) n-Nitroso-di-n-propyla...	7.128	70	435930	46.467	ng	92
20) 3+4-Methylphenols	7.116	107	372708	27.554	ng	# 48
22) Acetophenone	7.122	105	897884	48.355	ng	# 94
24) Nitrobenzene	7.292	77	660854	48.048	ng	97
25) Isophorone	7.534	82	1254134	47.912	ng	97
26) 2-Nitrophenol	7.604	139	329086	50.719	ng	94
27) 2,4-Dimethylphenol	7.645	122	514442	46.838	ng	97
28) bis(2-Chloroethoxy)met...	7.745	93	799596	50.853	ng	99
29) 2,4-Dichlorophenol	7.845	162	511317	43.522	ng	99
30) 1,2,4-Trichlorobenzene	7.928	180	519179	41.911	ng	99
31) Naphthalene	8.010	128	1799362	42.925	ng	99
32) Benzoic acid	7.728	122	123077	18.417	ng	99
33) 4-Chloroaniline	8.057	127	416165	24.573	ng	98
34) Hexachlorobutadiene	8.128	225	289919	40.865	ng	100
35) Caprolactam	8.428	113	35452m	9.738	ng	
36) 4-Chloro-3-methylphenol	8.534	107	488463	41.088	ng	95
37) 2-Methylnaphthalene	8.698	142	1207484	44.717	ng	97
38) 1-Methylnaphthalene	8.798	142	1148896	43.773	ng	97
40) 1,2,4,5-Tetrachloroben...	8.863	216	497618	44.737	ng	99
41) Hexachlorocyclopentadiene	8.851	237	601474	103.469	ng	97
43) 2,4,6-Trichlorophenol	8.975	196	348181	43.853	ng	98

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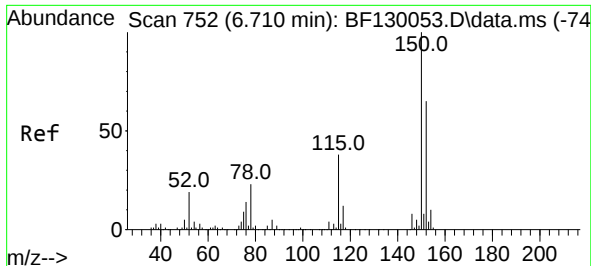
Manual Integrations
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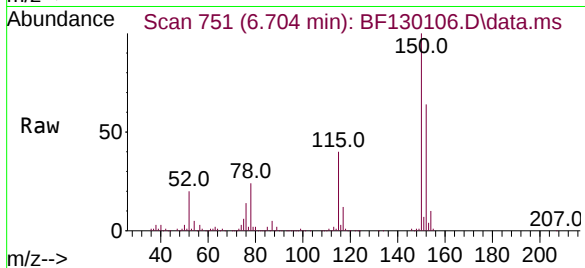
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	388665	45.164	ng	96
46) 1,1'-Biphenyl	9.163	154	1437286	46.379	ng	99
47) 2-Chloronaphthalene	9.186	162	1131956	45.588	ng	99
48) 2-Nitroaniline	9.286	65	329589	53.865	ng	# 82
49) Acenaphthylene	9.598	152	1729860	45.878	ng	99
50) Dimethylphthalate	9.475	163	1358362	46.753	ng	100
51) 2,6-Dinitrotoluene	9.528	165	304382	53.734	ng	95
52) Acenaphthene	9.775	154	1186097m	49.914	ng	
53) 3-Nitroaniline	9.692	138	196970	30.294	ng	98
54) 2,4-Dinitrophenol	9.804	184	261465	99.477	ng	# 79
55) Dibenzofuran	9.945	168	1560898	45.872	ng	100
56) 4-Nitrophenol	9.851	139	192695	38.441	ng	89
57) 2,4-Dinitrotoluene	9.928	165	393577	60.348	ng	# 87
58) Fluorene	10.286	166	1141748	44.099	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.057	232	296282	44.328	ng	# 79
60) Diethylphthalate	10.169	149	1288460	45.840	ng	100
61) 4-Chlorophenyl-phenyle...	10.281	204	516669	45.143	ng	99
62) 4-Nitroaniline	10.310	138	296636	46.911	ng	94
63) Azobenzene	10.439	77	1236258	44.671	ng	95
65) 4,6-Dinitro-2-methylph...	10.333	198	165056	50.826	ng	93
66) n-Nitrosodiphenylamine	10.404	169	1065349	46.572	ng	99
67) 4-Bromophenyl-phenylether	10.769	248	367252	48.251	ng	94
68) Hexachlorobenzene	10.828	284	398700	48.074	ng	94
69) Atrazine	10.933	200	338698	52.337	ng	99
70) Pentachlorophenol	11.022	266	436400	94.099	ng	96
71) Phenanthrene	11.245	178	1676027	45.164	ng	99
72) Anthracene	11.298	178	1708104	46.822	ng	100
73) Carbazole	11.451	167	1604316	47.690	ng	99
74) Di-n-butylphthalate	11.786	149	1951583	48.109	ng	100
75) Fluoranthene	12.427	202	1658626	45.072	ng	97
77) Benzidine	12.551	184	560918	53.658	ng	99
78) Pyrene	12.657	202	1679715	48.367	ng	100
80) Butylbenzylphthalate	13.280	149	735832	53.270	ng	96
81) Benzo(a)anthracene	13.839	228	1220847	46.011	ng	99
82) 3,3'-Dichlorobenzidine	13.804	252	263872	31.889	ng	99
83) Chrysene	13.874	228	1211746	46.320	ng	100
84) Bis(2-ethylhexyl)phtha...	13.839	149	895712	52.168	ng	99
85) Di-n-octyl phthalate	14.451	149	1487253	54.836	ng	98
87) Indeno(1,2,3-cd)pyrene	16.598	276	1331262	54.136	ng	# 95
88) Benzo(b)fluoranthene	14.851	252	1247144m	50.166	ng	
89) Benzo(k)fluoranthene	14.880	252	1065805	44.328	ng	98
90) Benzo(a)pyrene	15.192	252	1008515	51.053	ng	# 98
91) Dibenzo(a,h)anthracene	16.621	278	1156317	57.465	ng	# 97
92) Benzo(g,h,i)perylene	17.009	276	1177343	58.480	ng	# 93

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

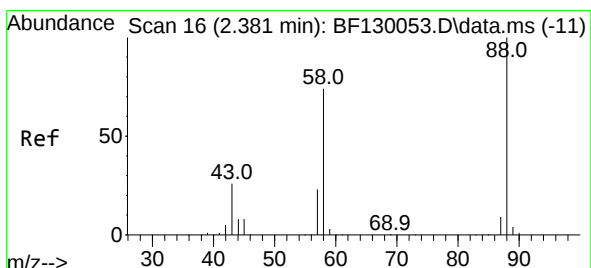
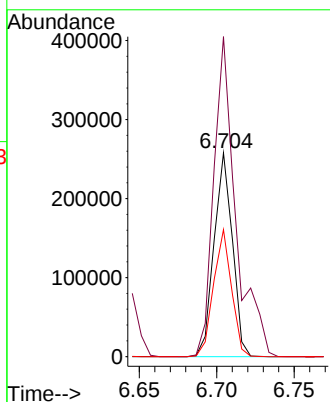
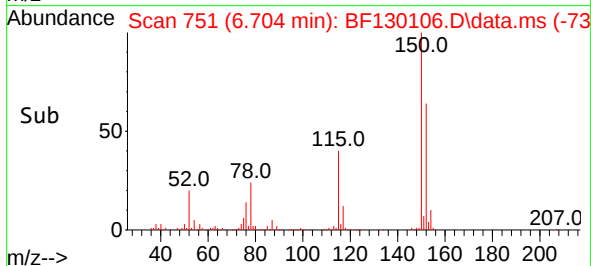
Instrument : BNA_F
Client SampleId : XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion: 152 Resp: 212052
Ion Ratio Lower Upper
152 100
150 157.0 126.9 190.3
115 62.3 53.4 80.0

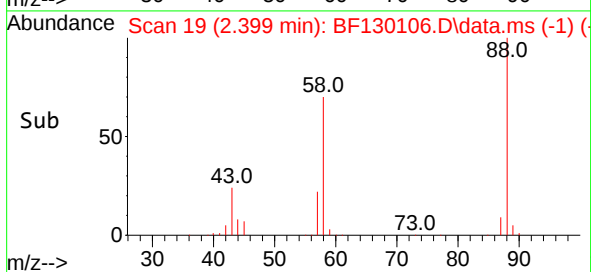
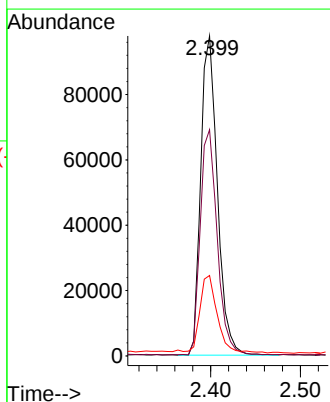
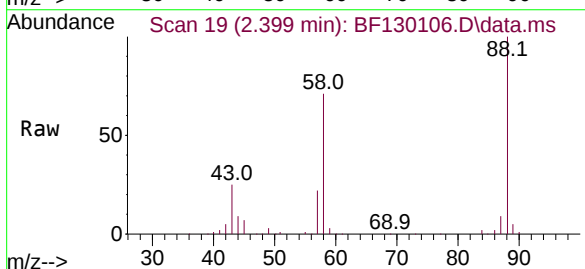
Manual Integrations
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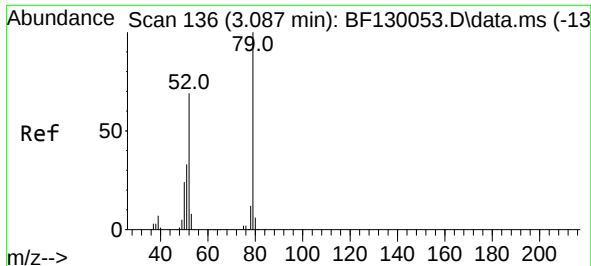
Reviewed By : Christian Giraldo 09/06/2022
Supervised By : Jagrut Upadhyay 09/06/2022



#2
1,4-Dioxane
Concen: 21.599 ng
RT: 2.399 min Scan# 19
Delta R.T. 0.018 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

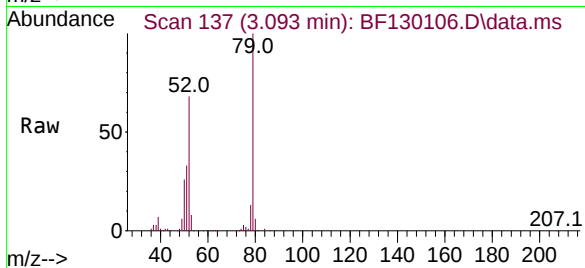
Tgt Ion: 88 Resp: 126086
Ion Ratio Lower Upper
88 100
58 71.8 60.9 91.3
43 25.6 23.6 35.4





#3
Pyridine
Concen: 19.011 ng
RT: 3.093 min Scan# 136
Delta R.T. 0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

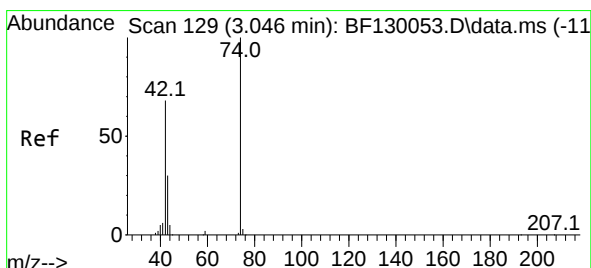
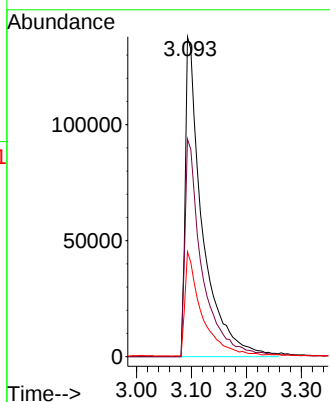
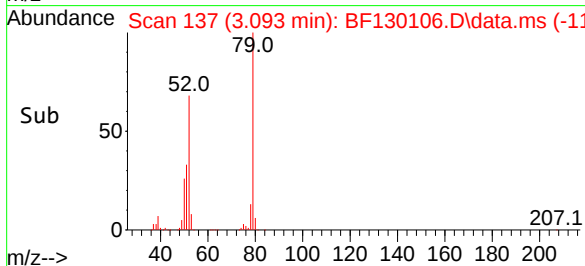
Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion: 79 Resp: 297579
Ion Ratio Lower Upper
79 100
52 68.0 59.4 89.2
51 32.8 29.5 44.3

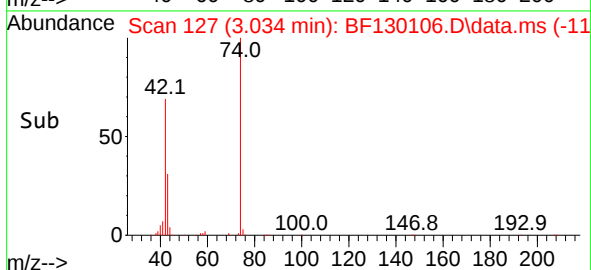
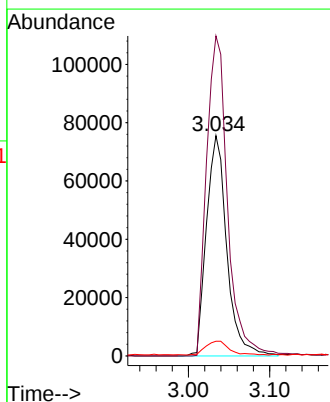
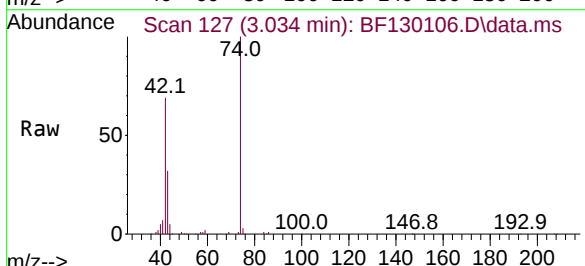
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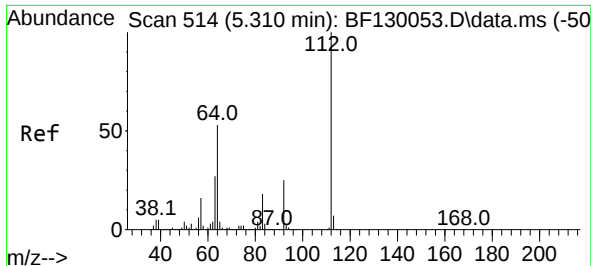
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#4
n-Nitrosodimethylamine
Concen: 21.417 ng
RT: 3.034 min Scan# 127
Delta R.T. -0.012 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

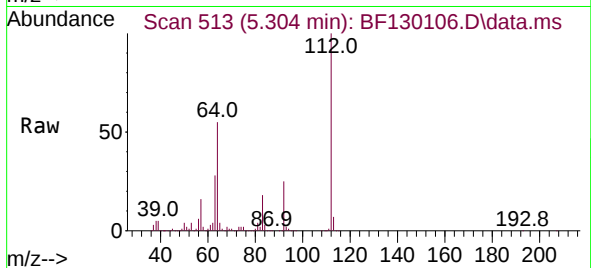
Tgt Ion: 42 Resp: 131840
Ion Ratio Lower Upper
42 100
74 145.3 103.1 154.7
44 6.7 5.4 8.2





#5
2-Fluorophenol
Concen: 69.191 ng
RT: 5.304 min Scan# 514
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

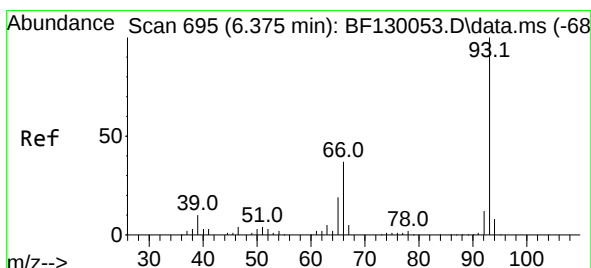
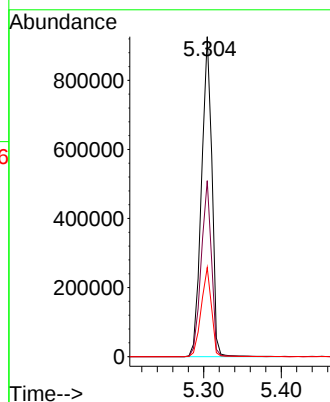
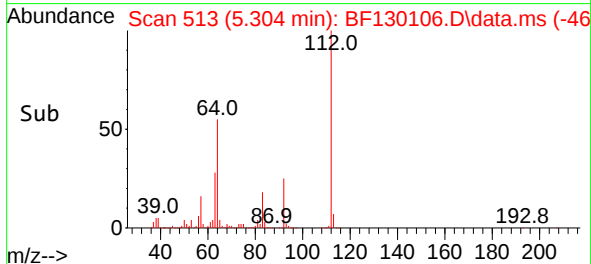
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XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion:112 Resp: 864252
Ion Ratio Lower Upper
112 100
64 55.0 47.6 71.4
63 27.8 24.6 37.0

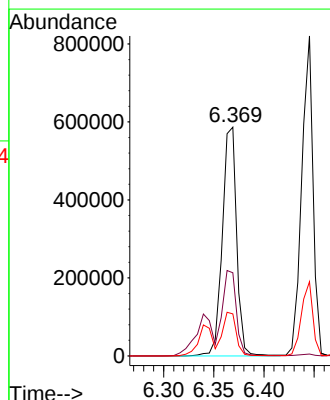
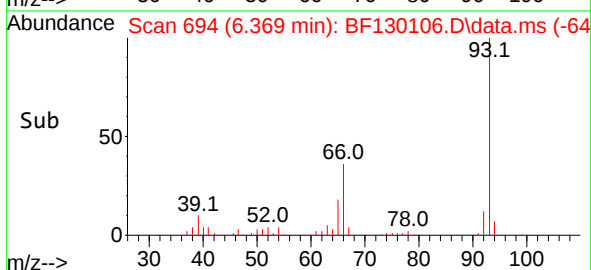
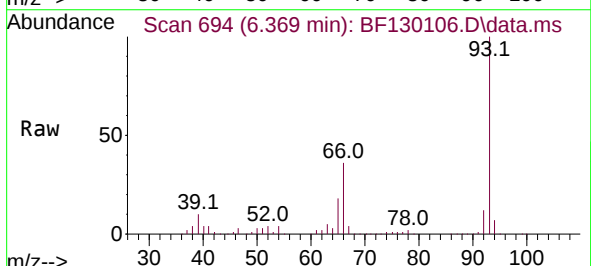
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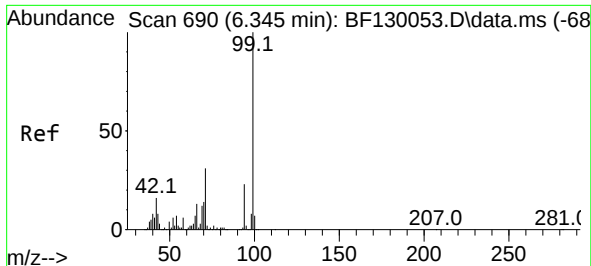
Reviewed By :Christian Giraldo 09/06/2022
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#6
Aniline
Concen: 30.011 ng
RT: 6.369 min Scan# 694
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

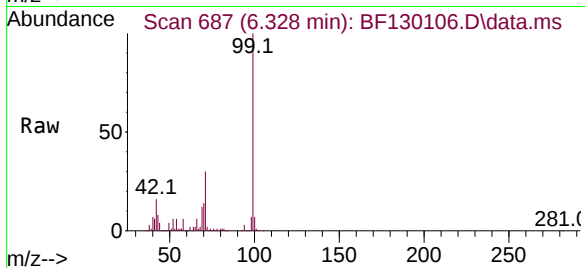
Tgt Ion: 93 Resp: 585937
Ion Ratio Lower Upper
93 100
66 36.3 68.7 103.1#
65 18.4 41.6 62.4#





#7
Phenol-d6
Concen: 44.884 ng
RT: 6.328 min Scan# 687
Delta R.T. -0.018 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

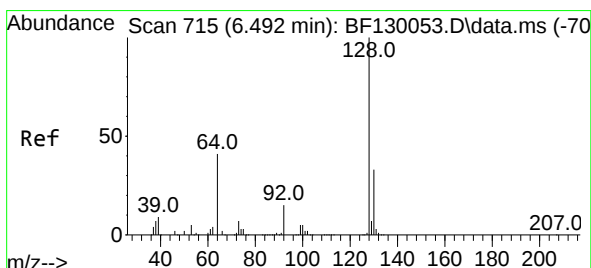
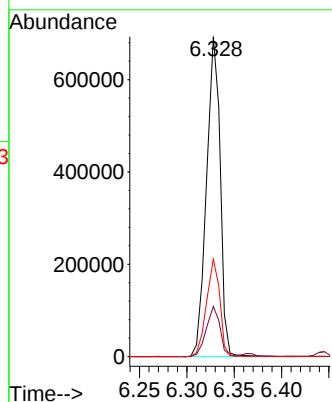
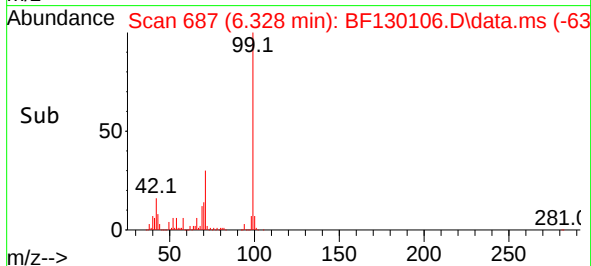
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Tgt Ion: 99 Resp: 69895
Ion Ratio Lower Upper
99 100
42 15.7 15.0 22.4
71 30.4 28.8 43.2

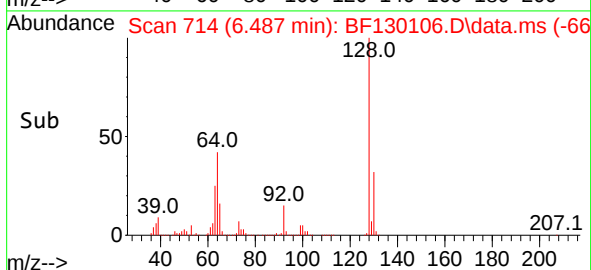
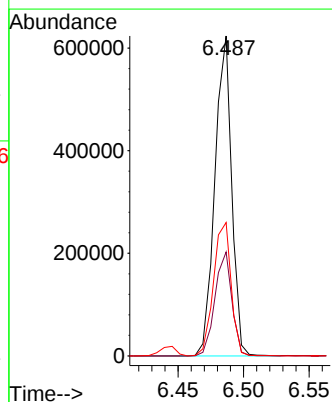
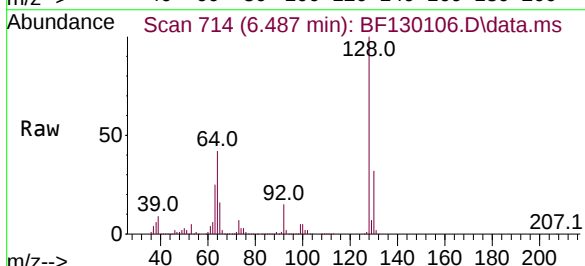
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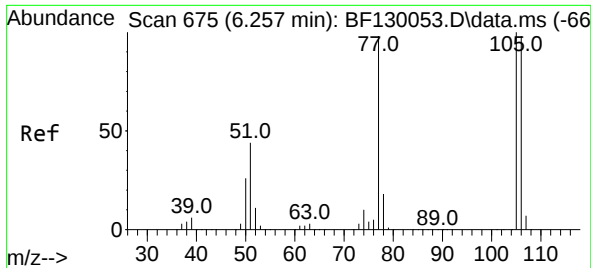
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#8
2-Chlorophenol
Concen: 40.605 ng
RT: 6.487 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

Tgt Ion: 128 Resp: 556686
Ion Ratio Lower Upper
128 100
130 32.5 12.5 52.5
64 41.7 24.9 64.9





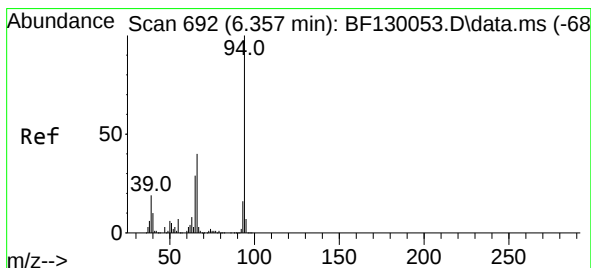
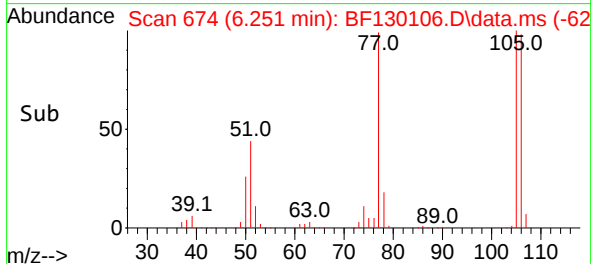
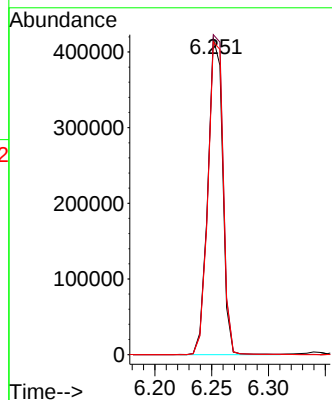
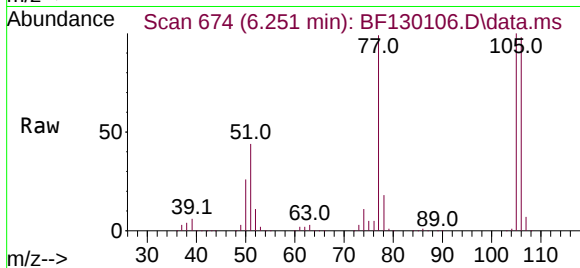
#9
Benzaldehyde
Concen: 39.780 ng
RT: 6.251 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS

Tgt Ion: 77 Resp: 379163
Ion Ratio Lower Upper
77 100
105 101.1 80.3 120.3
106 98.8 74.3 114.3

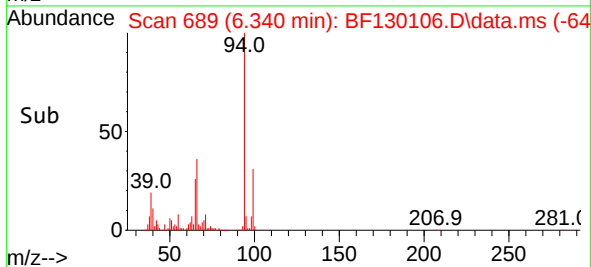
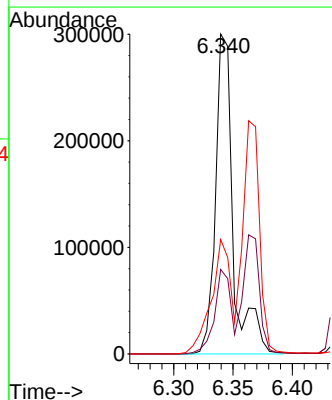
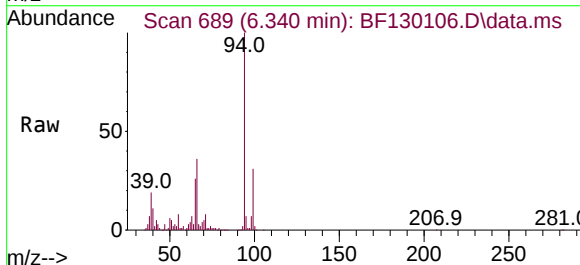
Manual Integrations
APPROVED

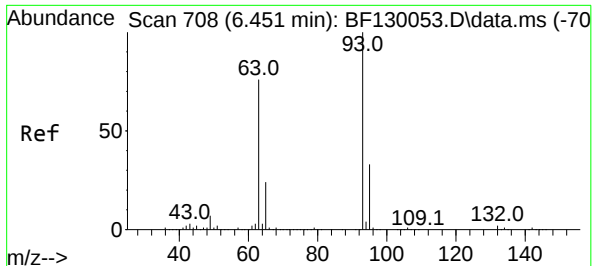
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#10
Phenol
Concen: 17.669 ng m
RT: 6.340 min Scan# 689
Delta R.T. -0.018 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

Tgt Ion: 94 Resp: 311005
Ion Ratio Lower Upper
94 100
65 26.4 24.9 64.9
66 35.7 54.2 94.2#





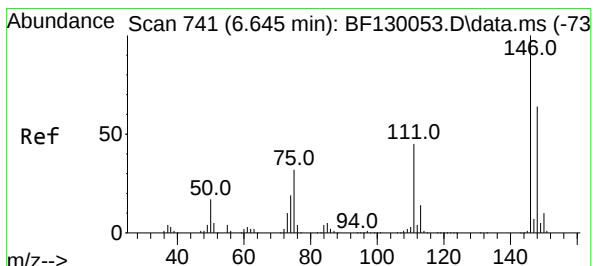
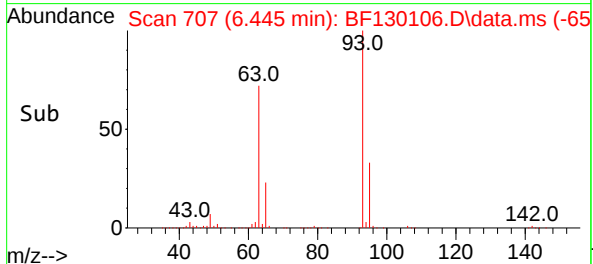
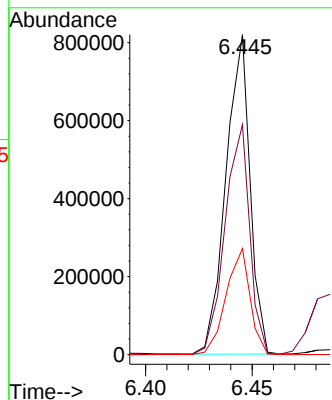
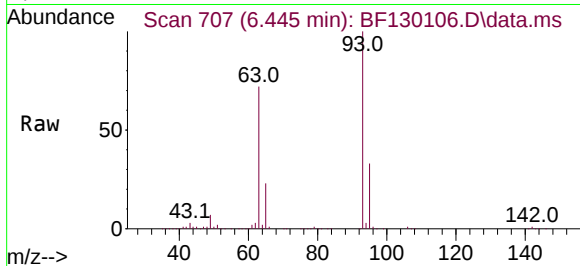
#11
bis(2-Chloroethyl)ether
Concen: 48.237 ng
RT: 6.445 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

Instrument :
BNA_F
Client Sample Id :
XRDS-RECYCLED-SAND-SP-A-COMPMS

Tgt Ion: 93 Resp: 645128
Ion Ratio Lower Upper
93 100
63 71.9 55.9 95.9
95 33.1 12.3 52.3

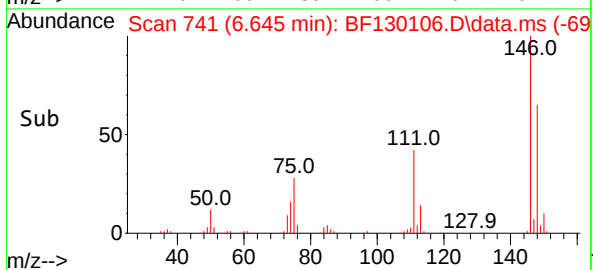
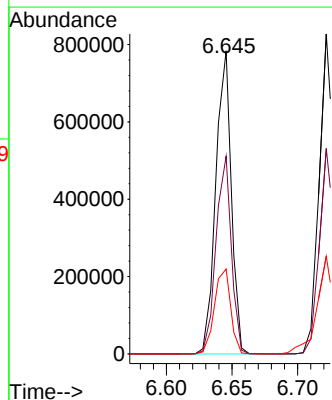
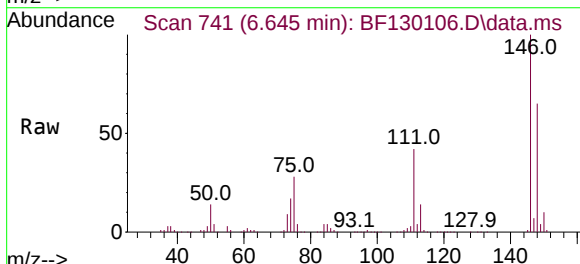
Manual Integrations
APPROVED

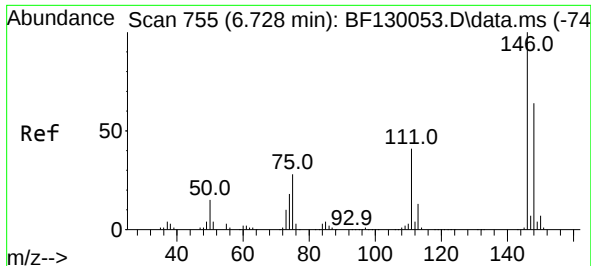
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#12
1,3-Dichlorobenzene
Concen: 42.510 ng
RT: 6.645 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

Tgt Ion:146 Resp: 646072
Ion Ratio Lower Upper
146 100
148 65.2 51.2 76.8
75 28.0 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 42.792 ng

RT: 6.722 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF130106.D

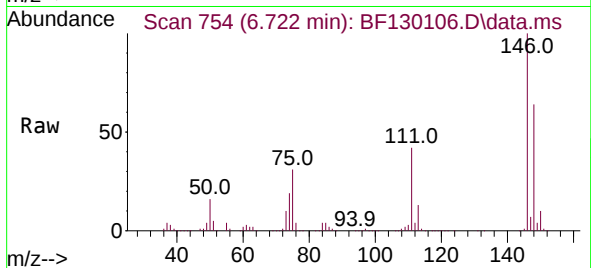
Acq: 02 Sep 2022 12:28

Instrument :

BNA_F

ClientSampleId :

XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion:146 Resp: 655102

Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

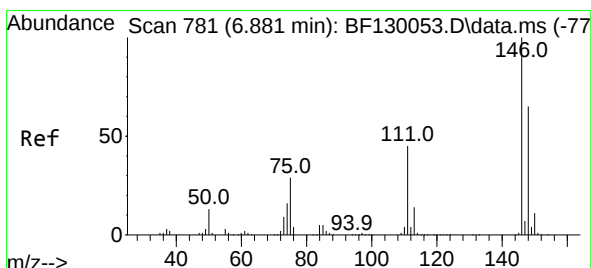
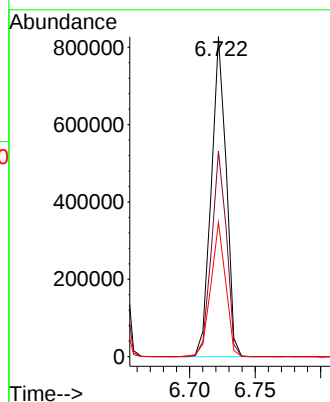
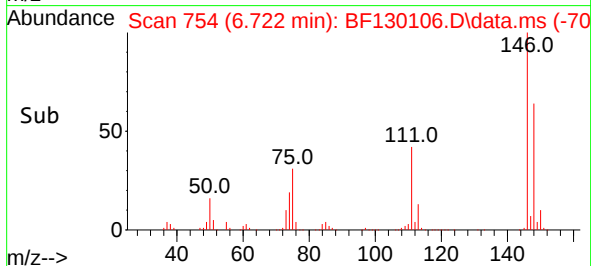
111 42.0 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#14

1,2-Dichlorobenzene

Concen: 45.447 ng

RT: 6.875 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF130106.D

Acq: 02 Sep 2022 12:28

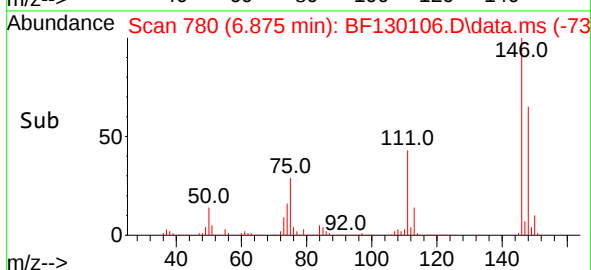
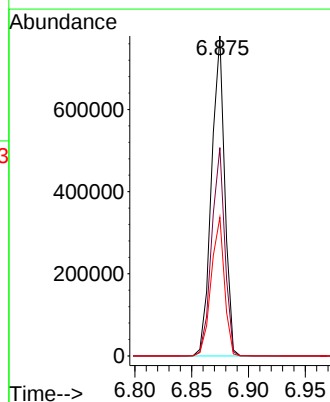
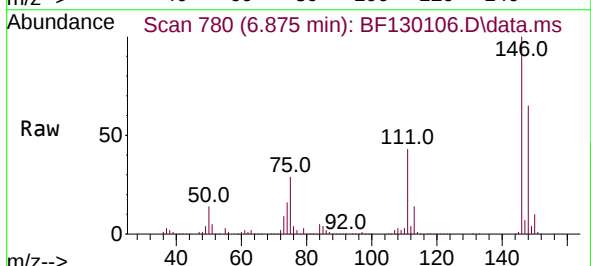
Tgt Ion:146 Resp: 632449

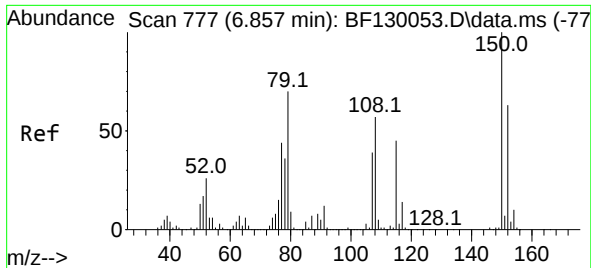
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.6

111 43.3 37.2 55.8





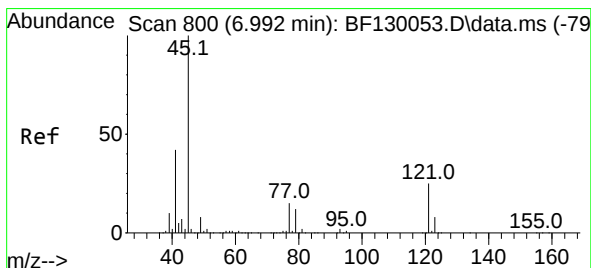
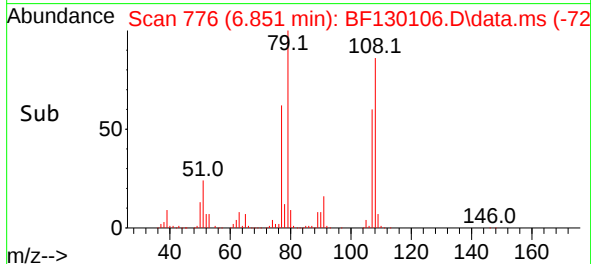
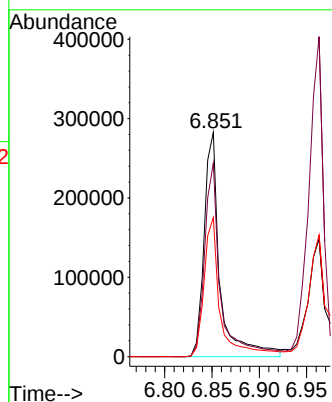
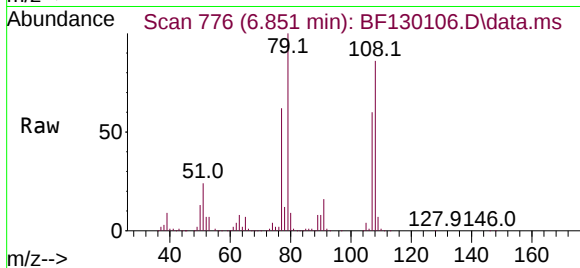
#15
Benzyl Alcohol
Concen: 31.562 ng
RT: 6.851 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS

Tgt Ion: 79 Resp: 331281
Ion Ratio Lower Upper
79 100
108 86.3 59.2 88.8
77 62.0 51.9 77.9

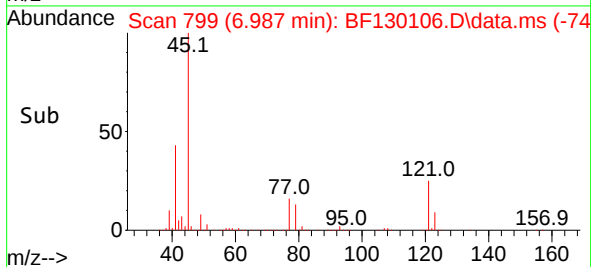
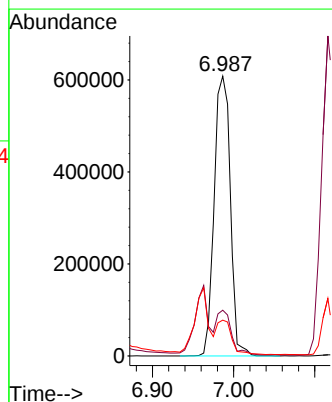
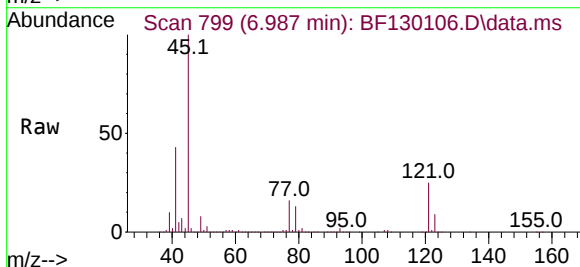
Manual Integrations
APPROVED

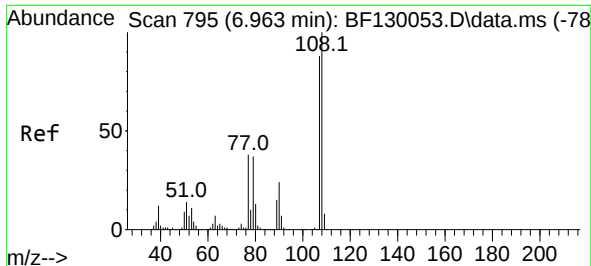
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.080 ng
RT: 6.987 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

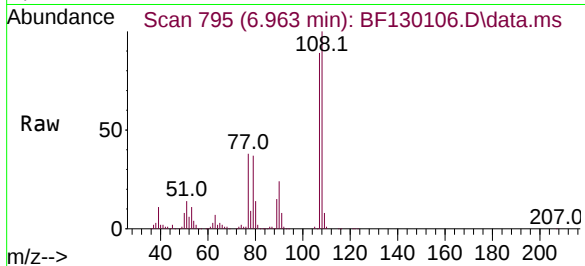
Tgt Ion: 45 Resp: 837548
Ion Ratio Lower Upper
45 100
77 16.3 27.4 67.4#
79 12.8 24.4 64.4#





#17
2-Methylphenol
Concen: 31.920 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

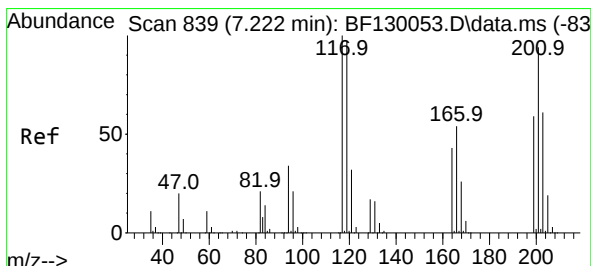
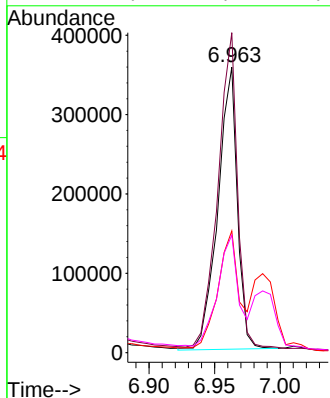
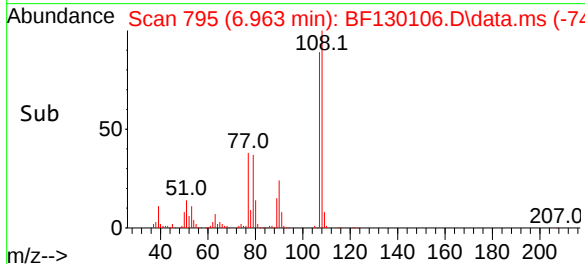
Instrument :
BNA_F
Client Sample Id :
XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion:107 Resp: 368180
Ion Ratio Lower Upper
107 100
108 112.2 90.2 135.2
77 42.7 51.8 77.8
79 41.2 47.4 71.2#

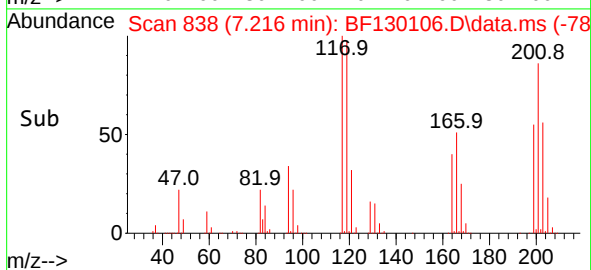
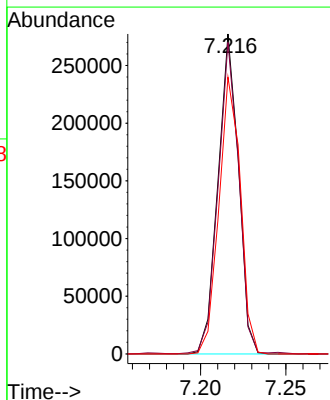
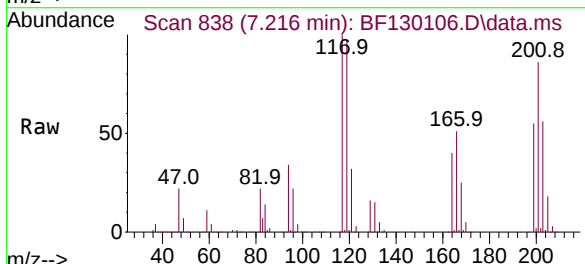
Manual Integrations
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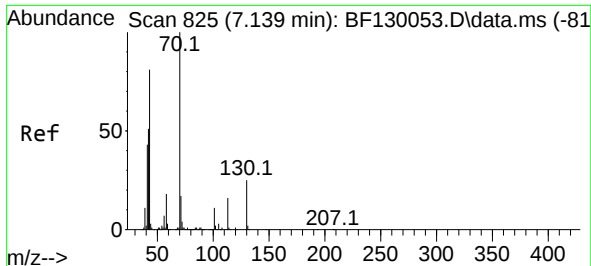
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#18
Hexachloroethane
Concen: 41.883 ng
RT: 7.216 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

Tgt Ion:117 Resp: 231538
Ion Ratio Lower Upper
117 100
119 97.3 79.1 118.7
201 86.5 66.6 100.0





#19

n-Nitroso-di-n-propylamine

Concen: 46.467 ng

RT: 7.128 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130106.D

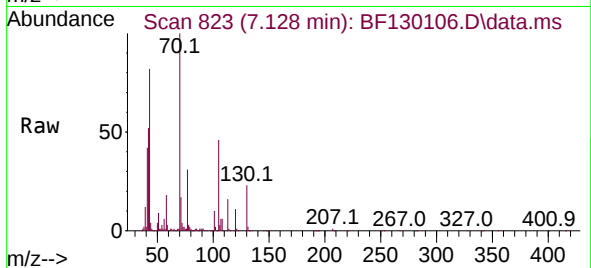
Acq: 02 Sep 2022 12:28

Instrument :

BNA_F

ClientSampleId :

XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion: 70 Resp: 435936

Ion Ratio Lower Upper

70 100

42 51.9 47.6 71.4

101 9.8 8.1 12.1

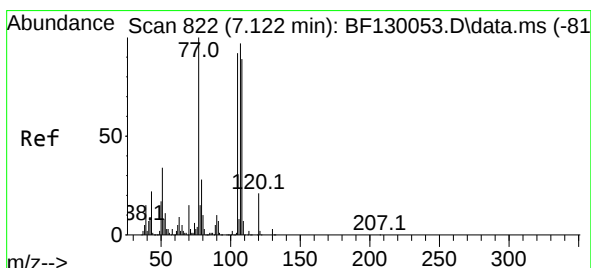
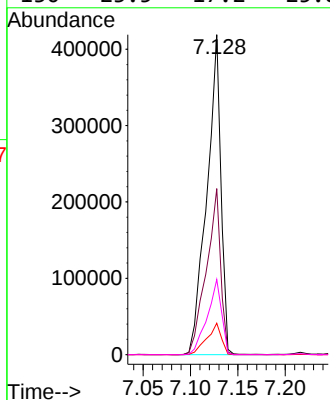
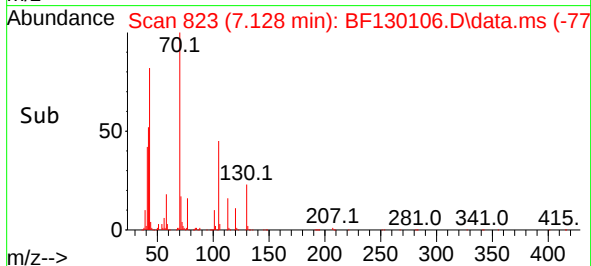
130 23.5 17.2 25.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#20

3+4-Methylphenols

Concen: 27.554 ng

RT: 7.116 min Scan# 821

Delta R.T. -0.006 min

Lab File: BF130106.D

Acq: 02 Sep 2022 12:28

Tgt Ion:107 Resp: 372708

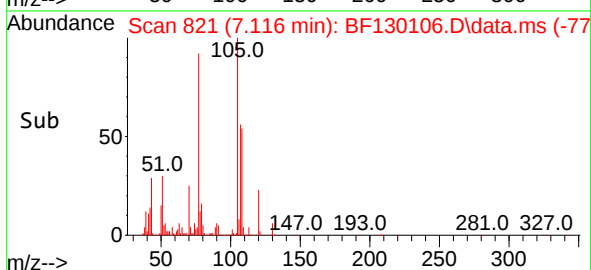
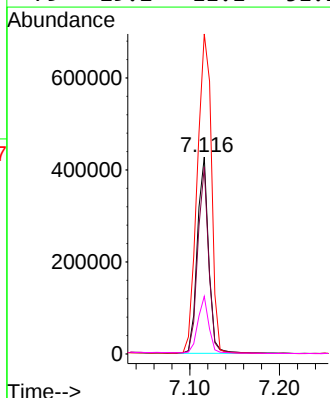
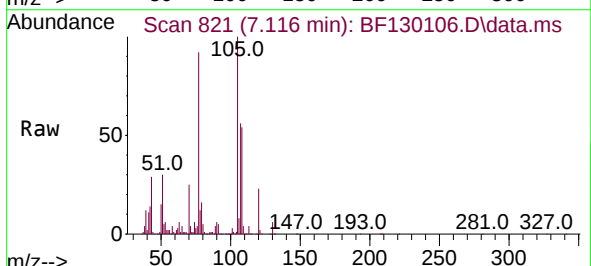
Ion Ratio Lower Upper

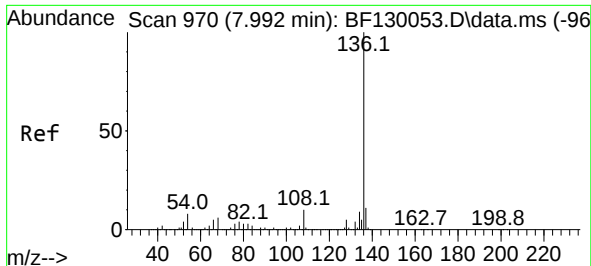
107 100

108 94.9 71.3 111.3

77 162.5 20.4 60.4#

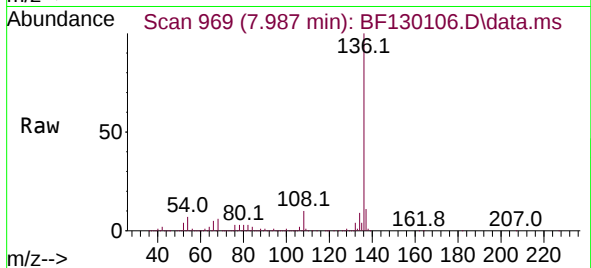
79 29.2 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.987 min Scan# 90
Delta R.T. -0.005 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

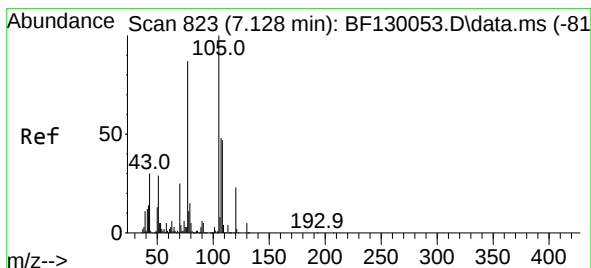
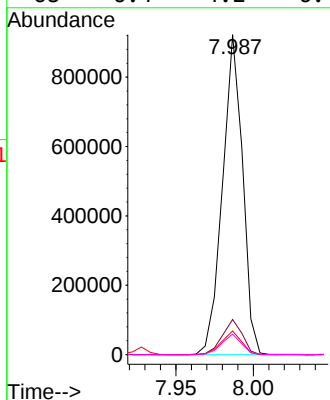
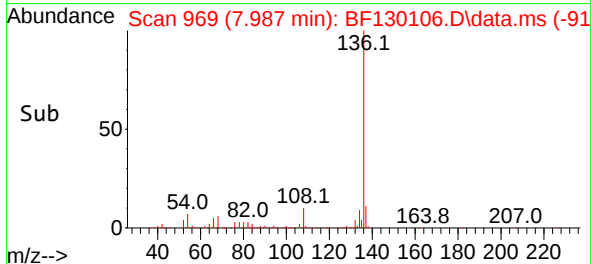
Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion:136 Resp: 831137
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.4 6.2 9.2
68 6.4 4.2 6.4#

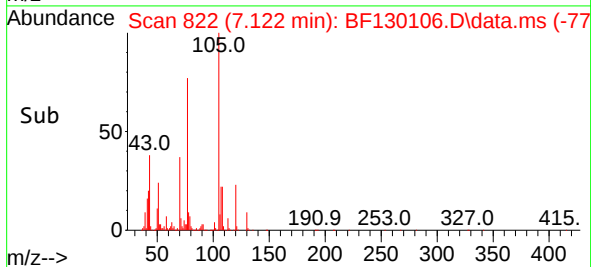
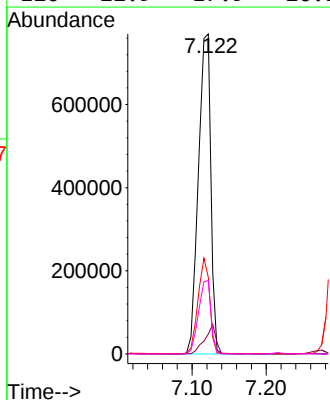
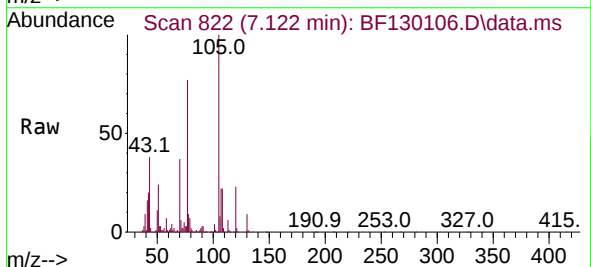
Manual Integrations
APPROVED

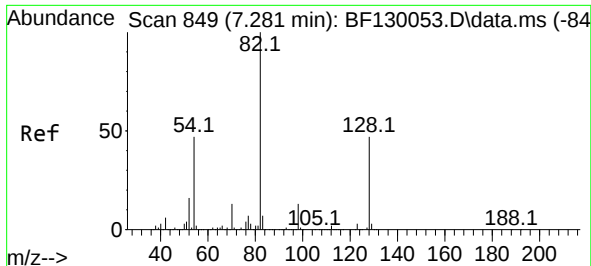
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#22
Acetophenone
Concen: 48.355 ng
RT: 7.122 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

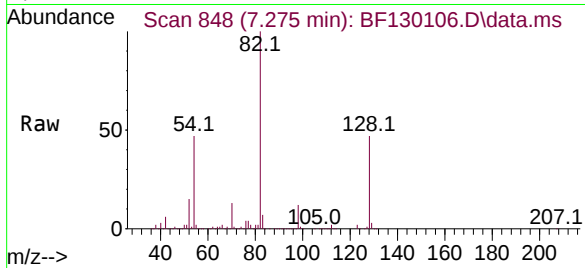
Tgt Ion:105 Resp: 897884
Ion Ratio Lower Upper
105 100
71 6.2 6.6 9.8#
51 24.0 23.8 35.8
120 22.9 17.9 26.9





#23
Nitrobenzene-d5
Concen: 98.769 ng
RT: 7.275 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

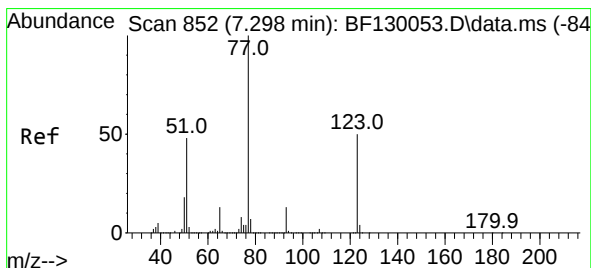
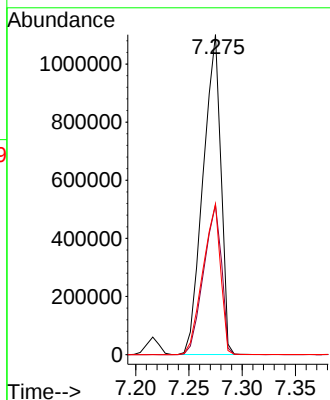
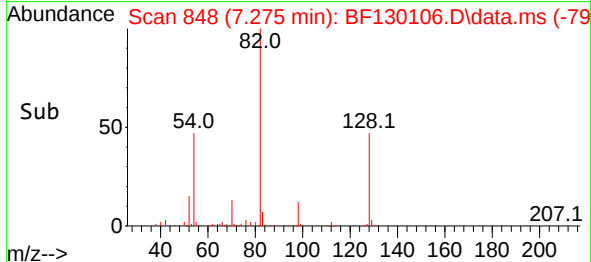
Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion: 82 Resp: 127735
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 47.1 40.0 60.0

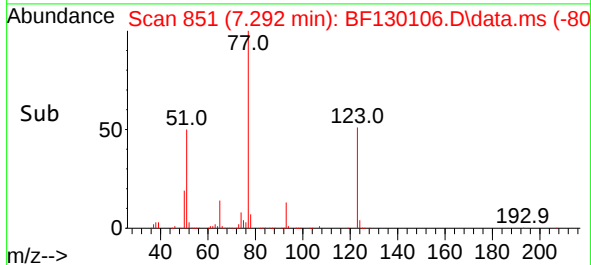
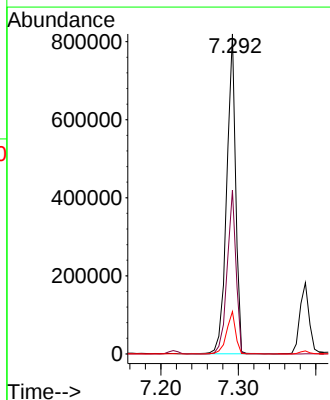
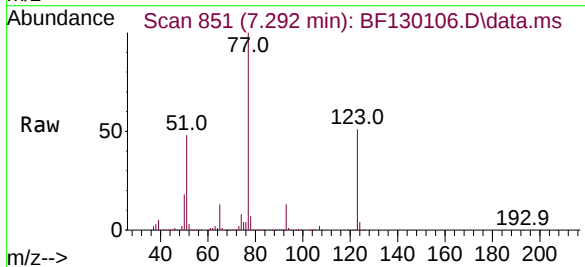
Manual Integrations
APPROVED

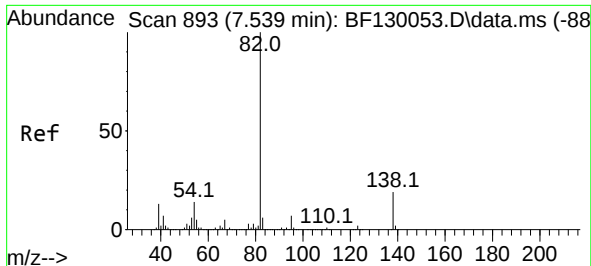
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#24
Nitrobenzene
Concen: 48.048 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

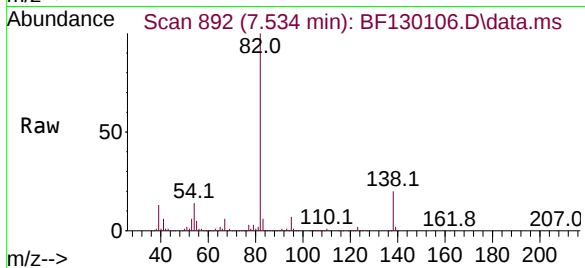
Tgt Ion: 77 Resp: 660854
Ion Ratio Lower Upper
77 100
123 51.2 39.2 58.8
65 13.2 11.1 16.7





#25
Isophorone
Concen: 47.912 ng
RT: 7.534 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

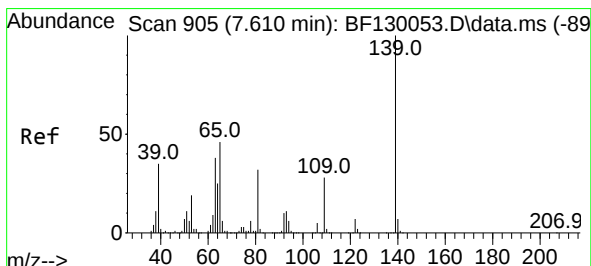
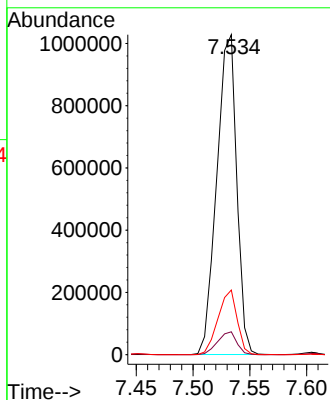
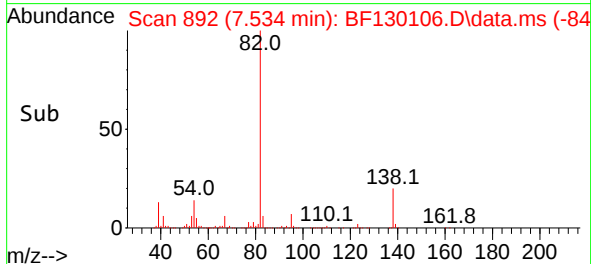
Instrument : BNA_F
Client Sample Id :
XRDS-RECYCLED-SAND-SP-A-COMPMS



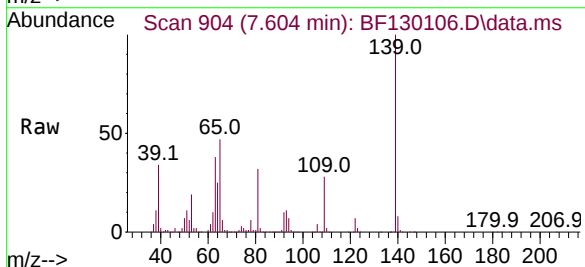
Tgt Ion: 82 Resp: 1254134
Ion Ratio Lower Upper
82 100
95 7.1 5.9 8.9
138 20.2 14.6 21.8

Manual Integrations
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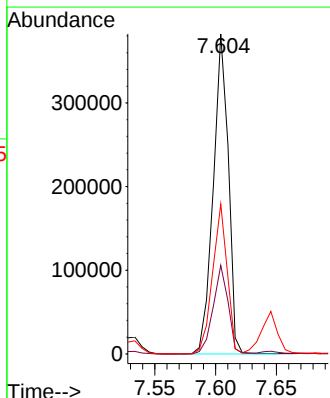
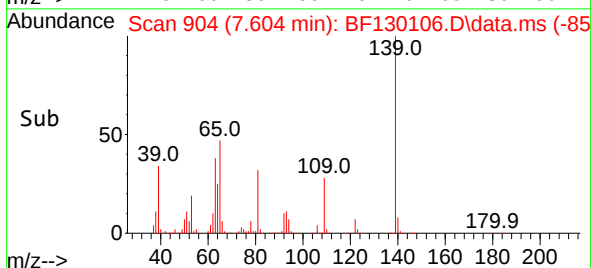
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

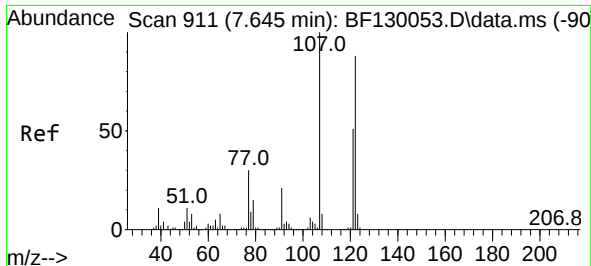


#26
2-Nitrophenol
Concen: 50.719 ng
RT: 7.604 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28



Tgt Ion:139 Resp: 329086
Ion Ratio Lower Upper
139 100
109 27.7 24.4 36.6
65 46.8 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 46.838 ng

RT: 7.645 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF130106.D

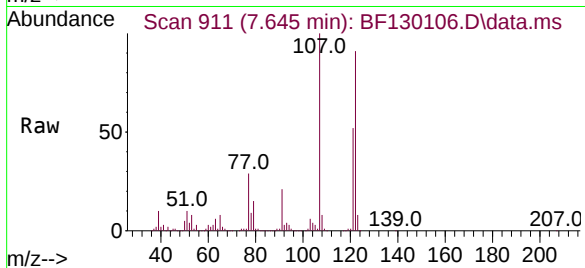
Acq: 02 Sep 2022 12:28

Instrument :

BNA_F

ClientSampleId :

XRDS-RECYCLED-SAND-SP-A-COMPMS

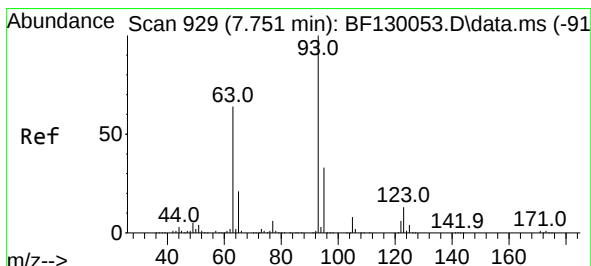
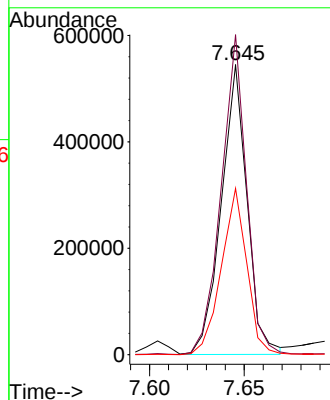
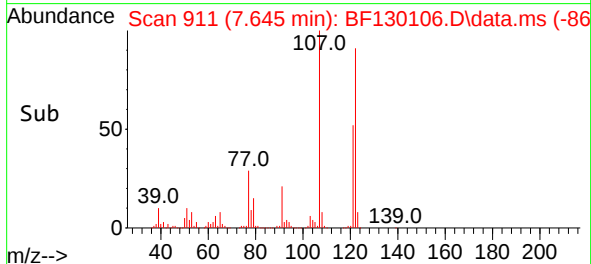


Tgt Ion:	122	Resp:	514442
Ion Ratio	Lower	Upper	
122	100		
107	110.4	92.2	138.4
121	57.3	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#28

bis(2-Chloroethoxy)methane

Concen: 50.853 ng

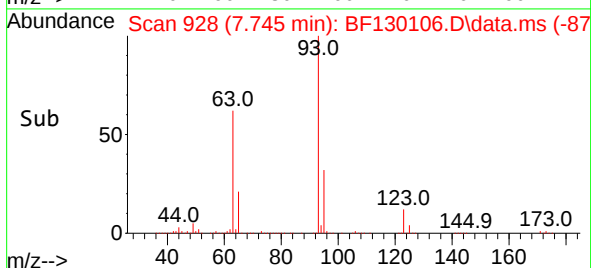
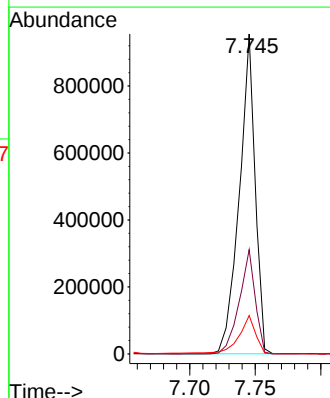
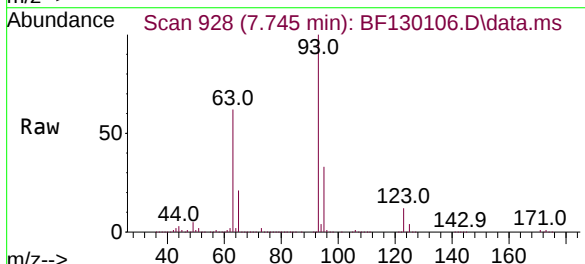
RT: 7.745 min Scan# 928

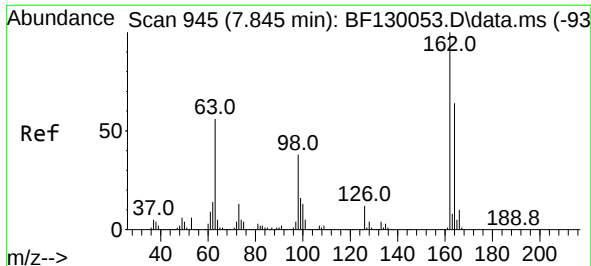
Delta R.T. -0.006 min

Lab File: BF130106.D

Acq: 02 Sep 2022 12:28

Tgt Ion:	93	Resp:	799596
Ion Ratio	Lower	Upper	
93	100		
95	32.6	25.6	38.4
123	12.0	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 43.522 ng

RT: 7.845 min Scan# 945

Delta R.T. 0.000 min

Lab File: BF130106.D

Acq: 02 Sep 2022 12:28

Instrument :

BNA_F

ClientSampleId :

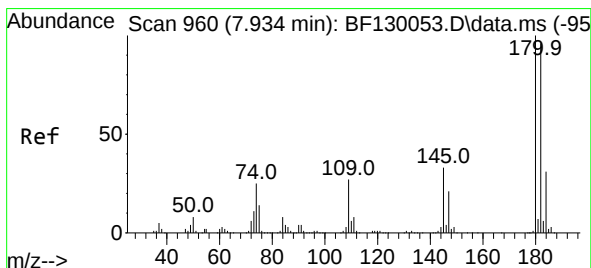
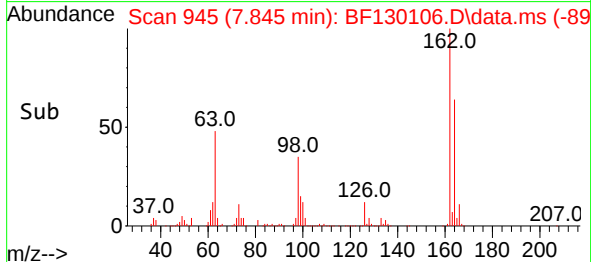
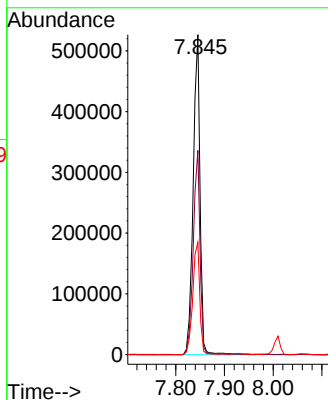
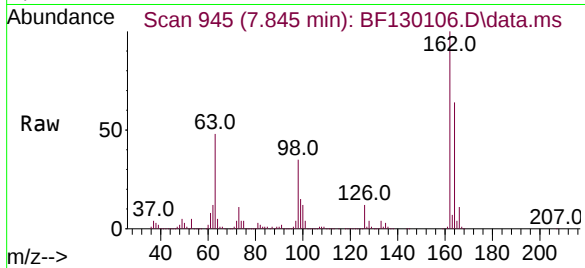
XRDS-RECYCLED-SAND-SP-A-COMPMS

Tgt Ion:	162	Resp:	51131
Ion Ratio	Lower	Upper	
162	100		
164	63.8	43.7	83.7
98	35.1	16.5	56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.911 ng

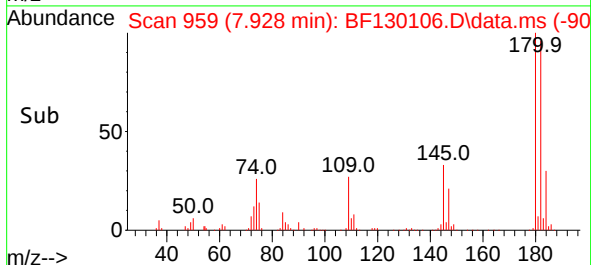
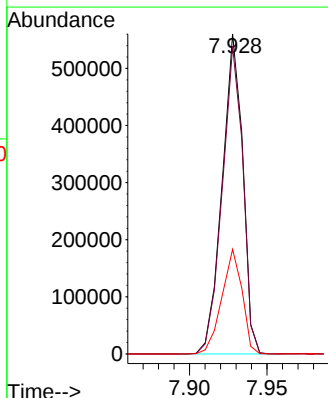
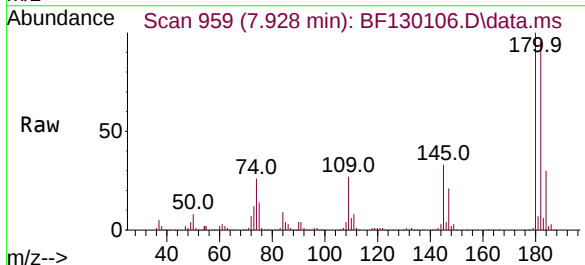
RT: 7.928 min Scan# 959

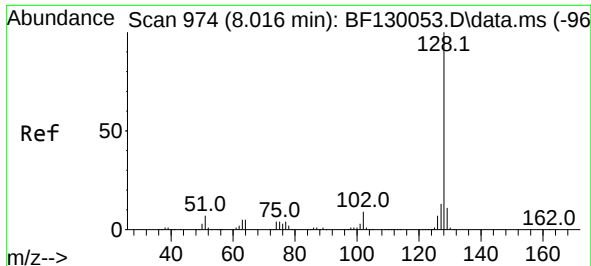
Delta R.T. -0.006 min

Lab File: BF130106.D

Acq: 02 Sep 2022 12:28

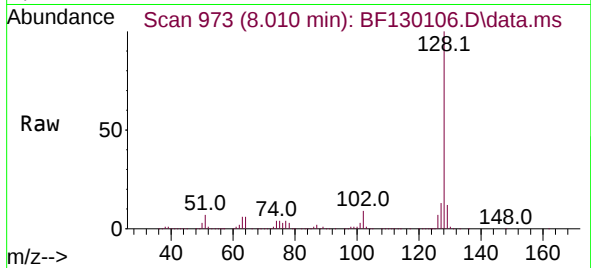
Tgt Ion:	180	Resp:	519179
Ion Ratio	Lower	Upper	
180	100		
182	96.1	77.6	116.4
145	32.7	25.6	38.4





#31
Naphthalene
Concen: 42.925 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

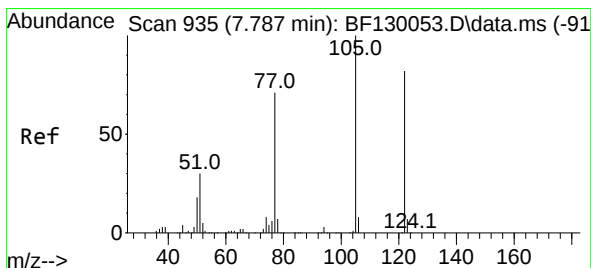
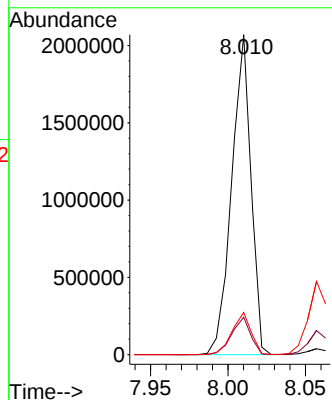
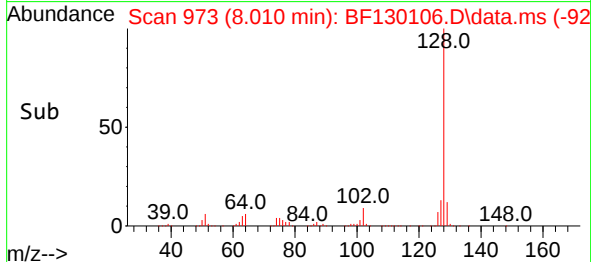
Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion:128 Resp: 1799362
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 13.2 10.7 16.1

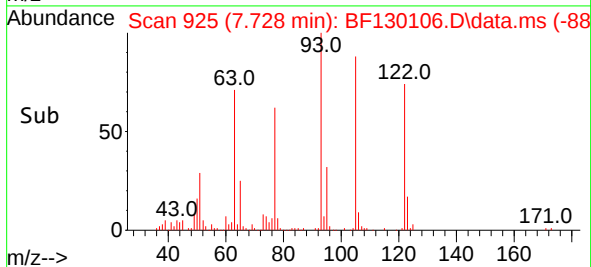
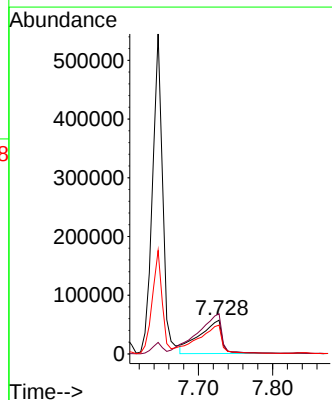
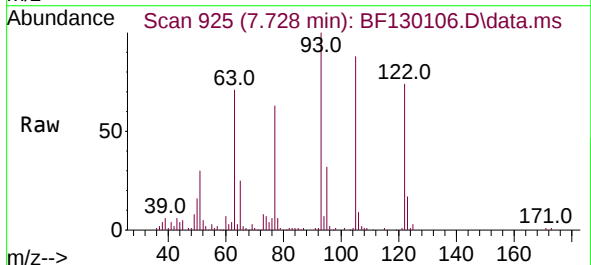
Manual Integrations
APPROVED

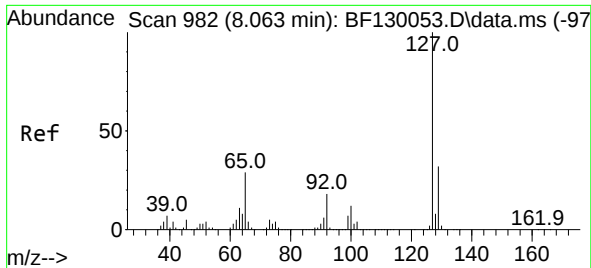
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#32
Benzoic acid
Concen: 18.417 ng
RT: 7.728 min Scan# 925
Delta R.T. -0.059 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

Tgt Ion:122 Resp: 123077
Ion Ratio Lower Upper
122 100
105 119.0 99.9 139.9
77 85.5 65.9 105.9





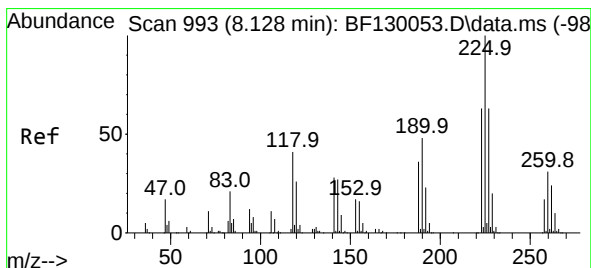
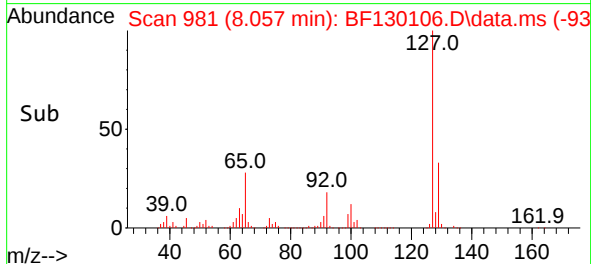
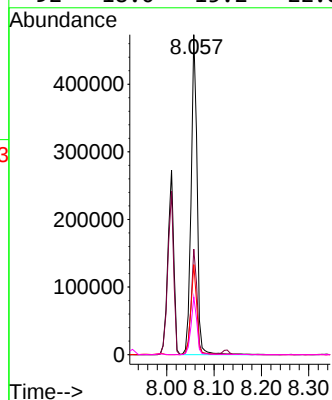
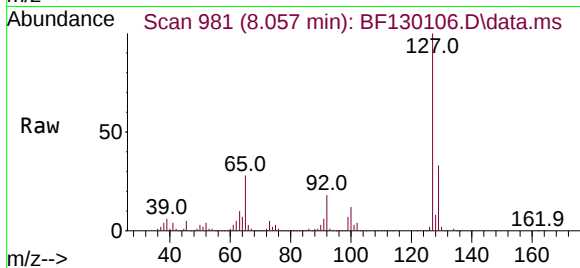
#33
4-Chloroaniline
Concen: 24.573 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS

Tgt Ion:127 Resp: 416165
Ion Ratio Lower Upper
127 100
129 33.0 26.7 40.1
65 28.1 24.2 36.2
92 18.0 15.2 22.8

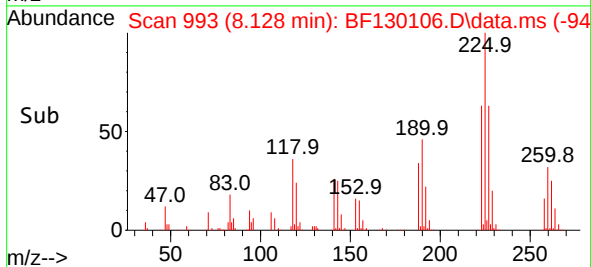
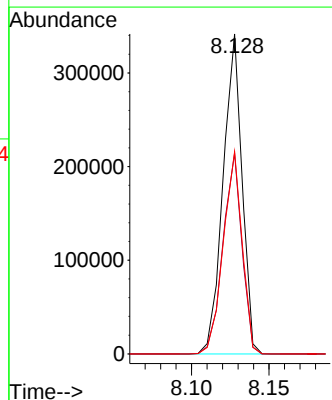
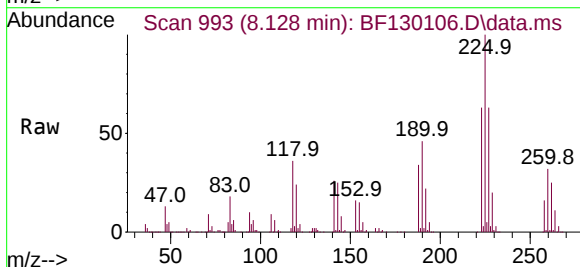
Manual Integrations
APPROVED

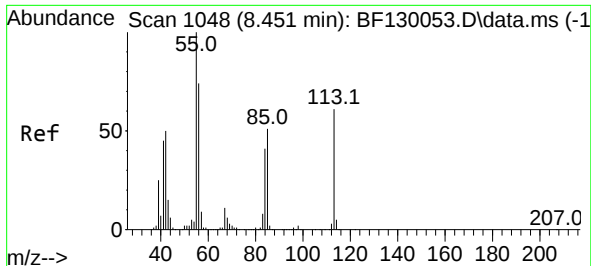
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#34
Hexachlorobutadiene
Concen: 40.865 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

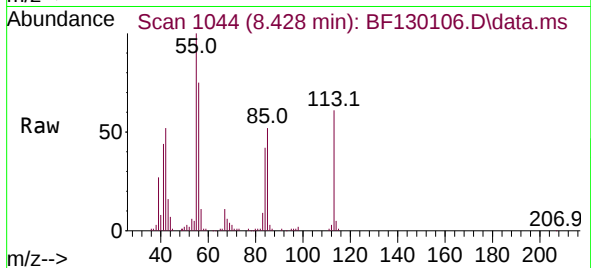
Tgt Ion:225 Resp: 289919
Ion Ratio Lower Upper
225 100
223 62.7 50.2 75.2
227 63.3 50.6 75.8





#35
Caprolactam
Concen: 9.738 ng m
RT: 8.428 min Scan# 1044
Delta R.T. -0.023 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

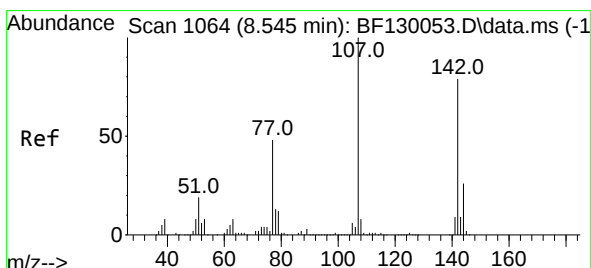
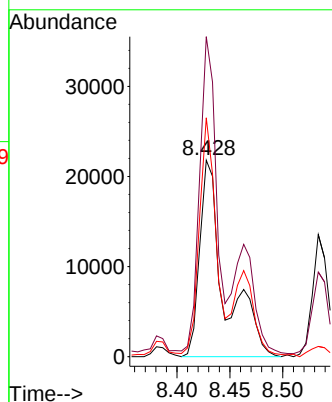
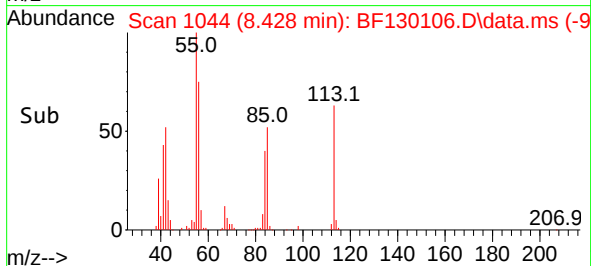
Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion:113 Resp: 35452
Ion Ratio Lower Upper
113 100
55 162.9 148.8 188.8
56 121.6 109.1 149.1

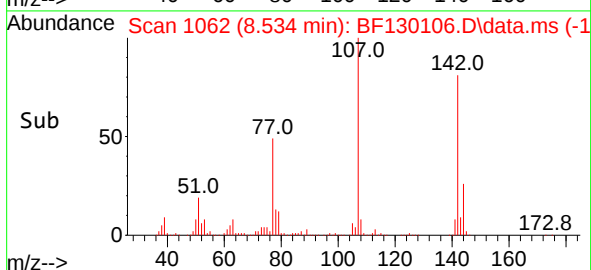
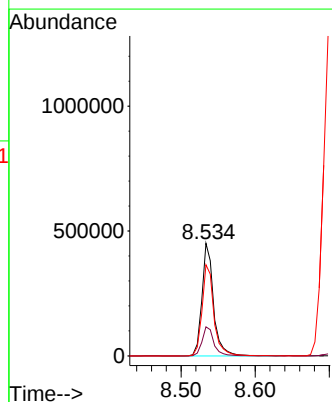
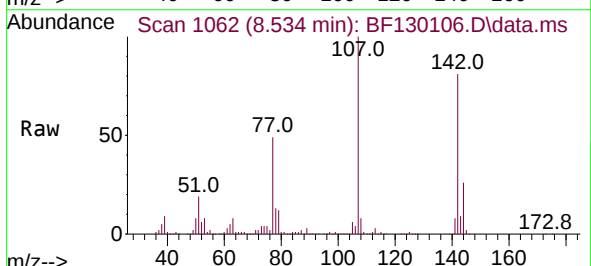
Manual Integrations
APPROVED

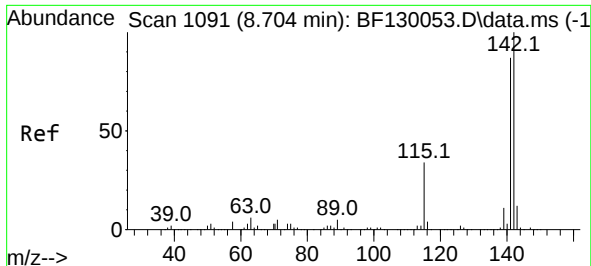
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#36
4-Chloro-3-methylphenol
Concen: 41.088 ng
RT: 8.534 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

Tgt Ion:107 Resp: 488463
Ion Ratio Lower Upper
107 100
144 25.8 19.9 29.9
142 81.0 60.2 90.4





#37

2-Methylnaphthalene

Concen: 44.717 ng

RT: 8.698 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130106.D

Acq: 02 Sep 2022 12:28

Instrument :

BNA_F

ClientSampleId :

XRDS-RECYCLED-SAND-SP-A-COMPMS

Tgt Ion:142 Resp: 1207484

Ion Ratio Lower Upper

142 100

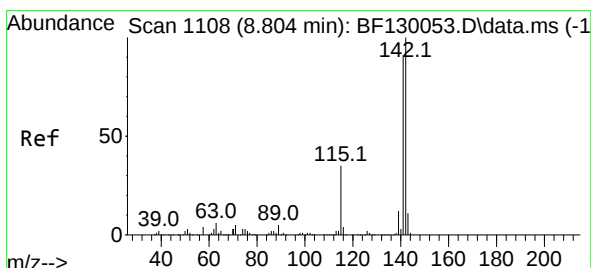
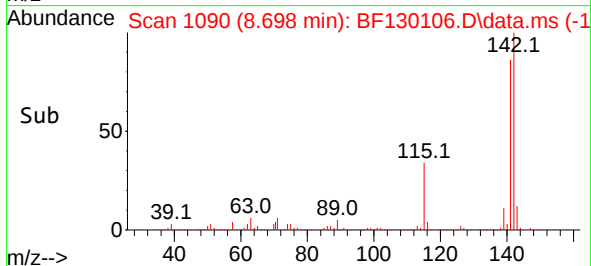
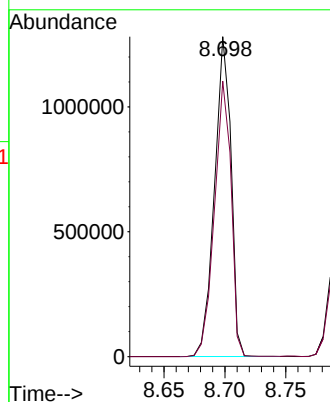
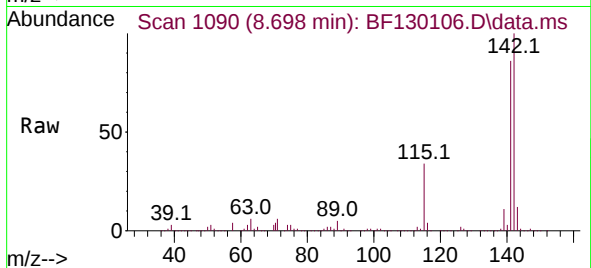
141 86.1 70.9 106.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#38

1-Methylnaphthalene

Concen: 43.773 ng

RT: 8.798 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130106.D

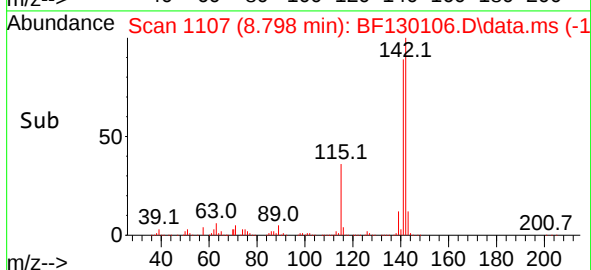
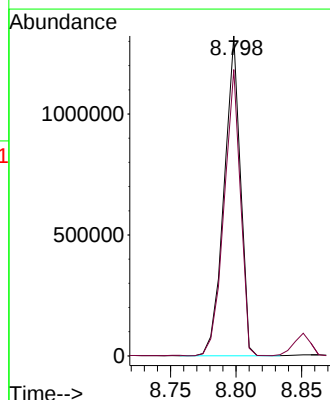
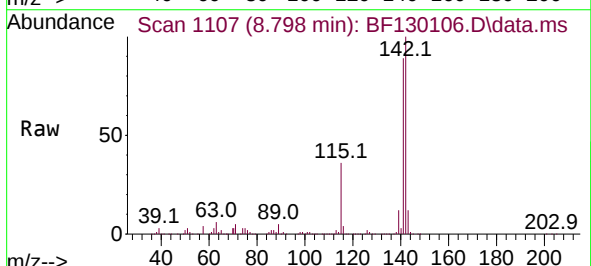
Acq: 02 Sep 2022 12:28

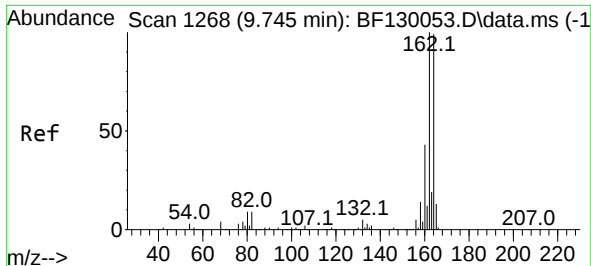
Tgt Ion:142 Resp: 1148896

Ion Ratio Lower Upper

142 100

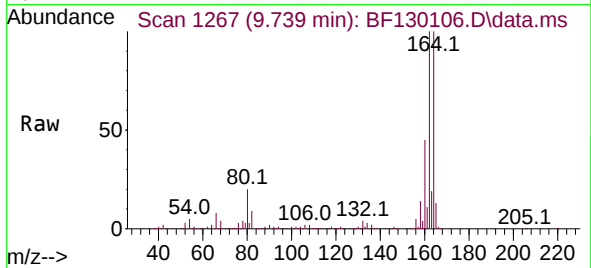
141 89.5 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

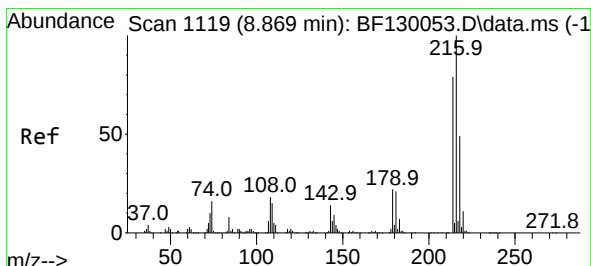
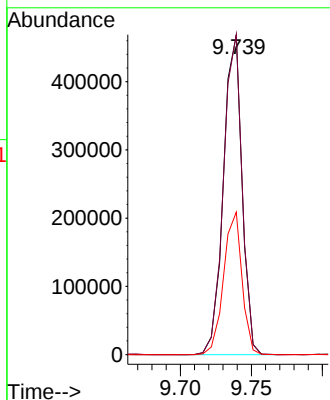
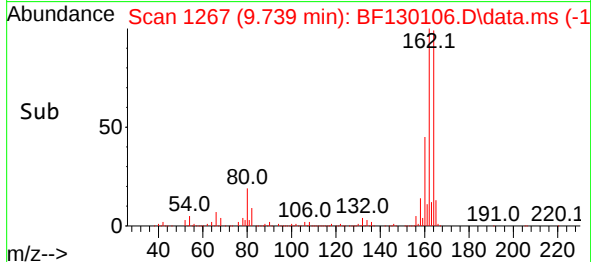
Instrument : BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



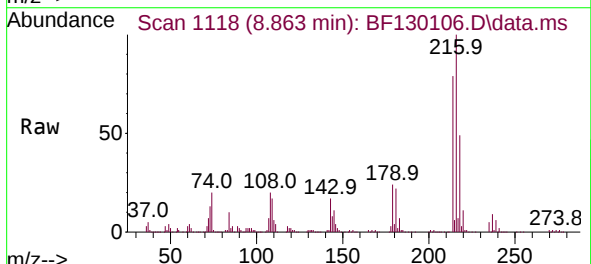
Tgt Ion:164 Resp: 426563
Ion Ratio Lower Upper
164 100
162 100.2 82.0 123.0
160 44.6 35.4 53.0

Manual Integrations
APPROVED

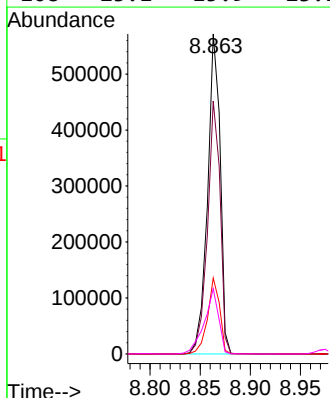
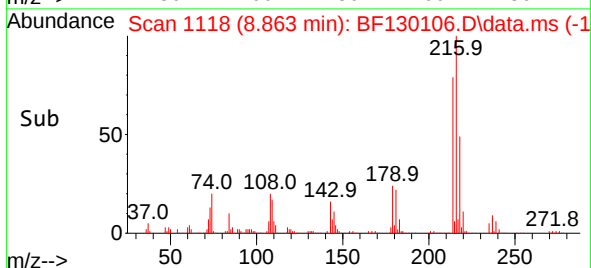
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

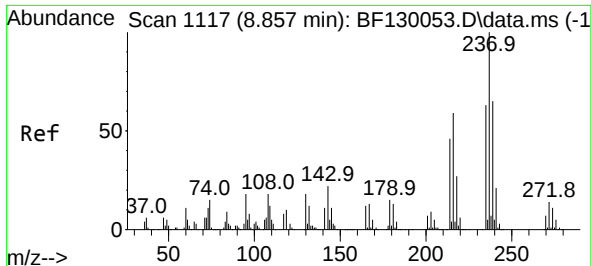


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.737 ng
RT: 8.863 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28



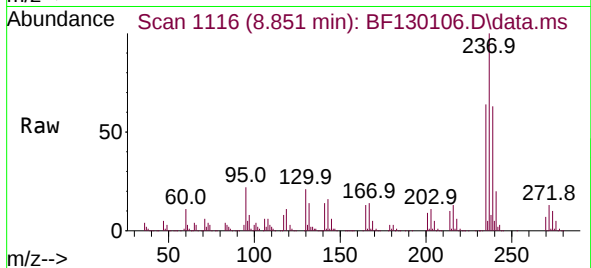
Tgt Ion:216 Resp: 497618
Ion Ratio Lower Upper
216 100
214 79.1 63.1 94.7
179 22.8 18.1 27.1
108 23.1 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 103.469 ng
RT: 8.851 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

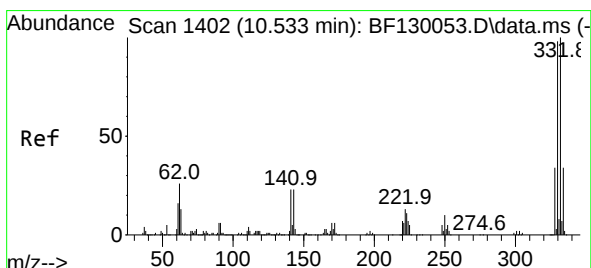
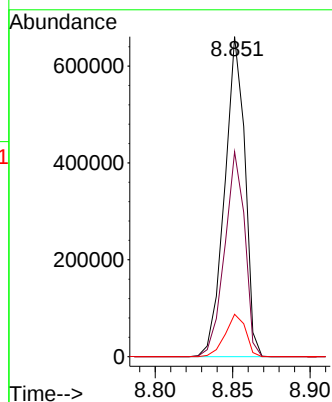
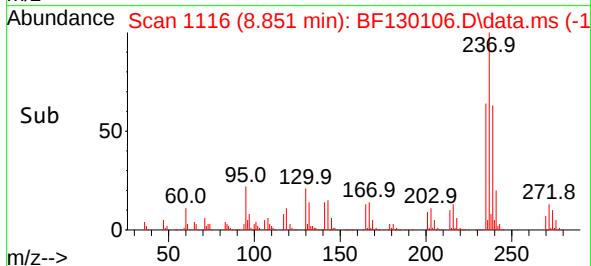
Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



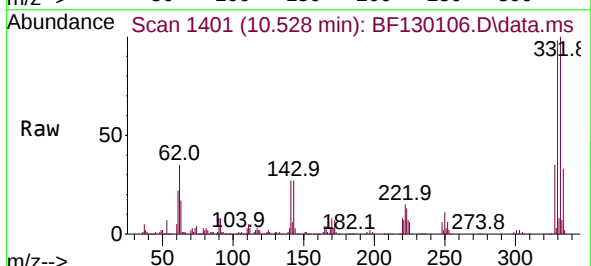
Tgt Ion:237 Resp: 601474
Ion Ratio Lower Upper
237 100
235 64.0 41.5 81.5
272 13.2 0.0 33.3

Manual Integrations
APPROVED

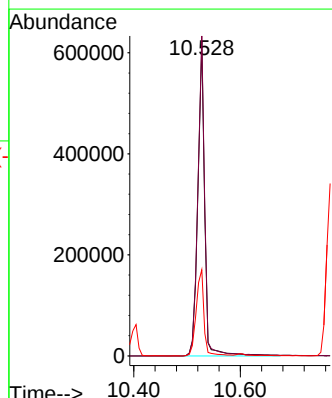
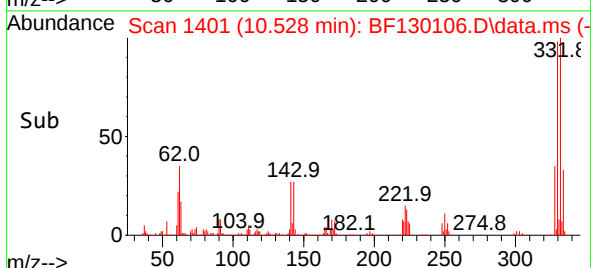
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

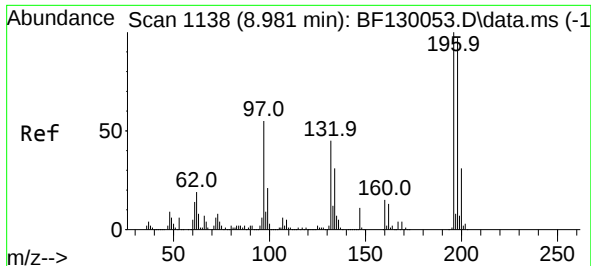


#42
2,4,6-Tribromophenol
Concen: 143.850 ng
RT: 10.528 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28



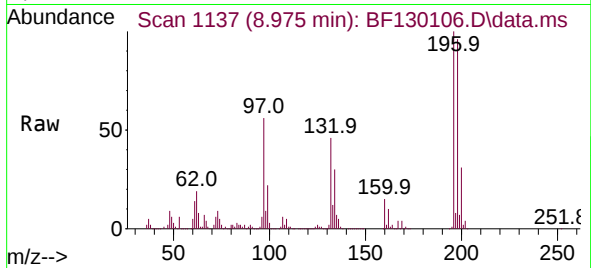
Tgt Ion:330 Resp: 558557
Ion Ratio Lower Upper
330 100
332 103.1 82.6 124.0
141 31.0 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 43.853 ng
RT: 8.975 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

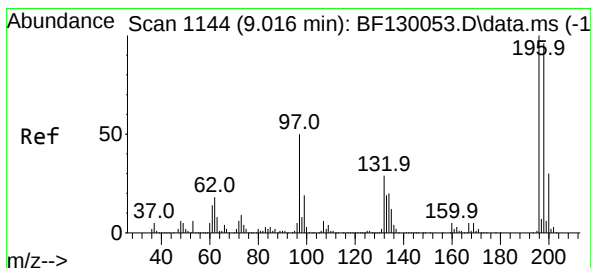
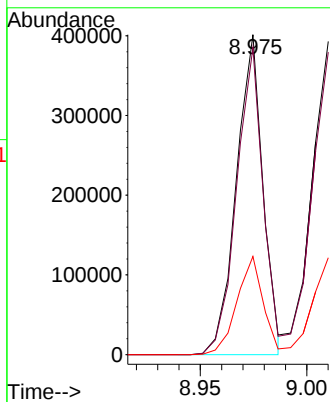
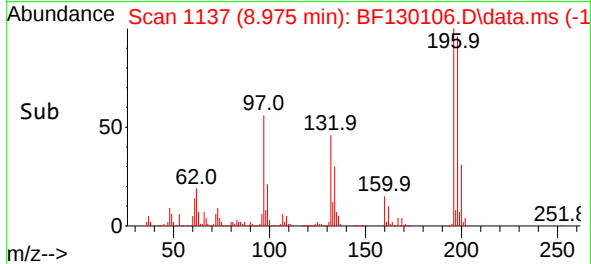
Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



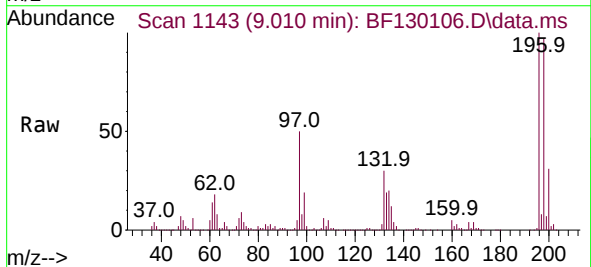
Tgt Ion:196 Resp: 348181
Ion Ratio Lower Upper
196 100
198 95.9 79.0 118.4
200 30.7 25.1 37.7

Manual Integrations
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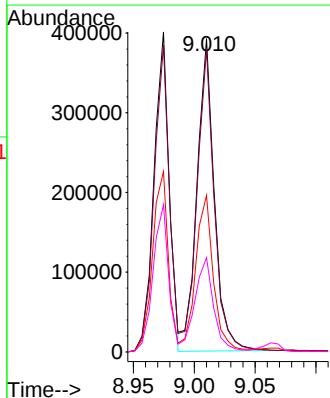
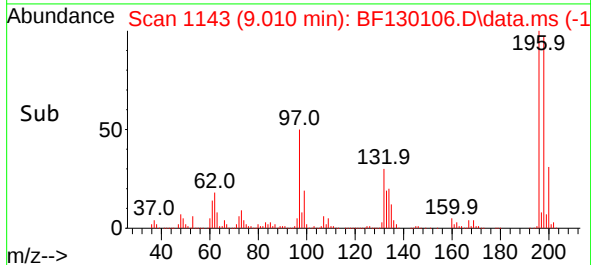
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

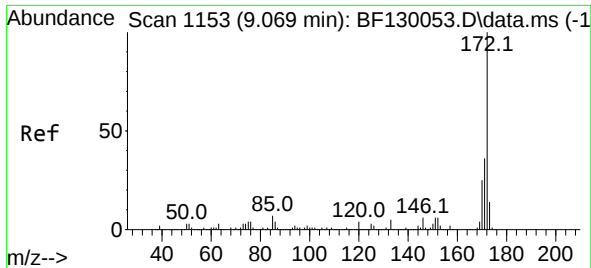


#44
2,4,5-Trichlorophenol
Concen: 45.164 ng
RT: 9.010 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28



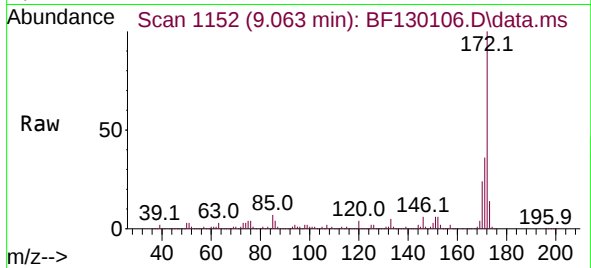
Tgt Ion:196 Resp: 388665
Ion Ratio Lower Upper
196 100
198 96.5 76.4 114.6
97 50.0 46.5 69.7
132 30.1 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 85.565 ng
RT: 9.063 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

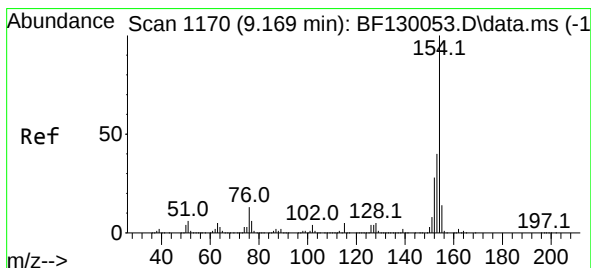
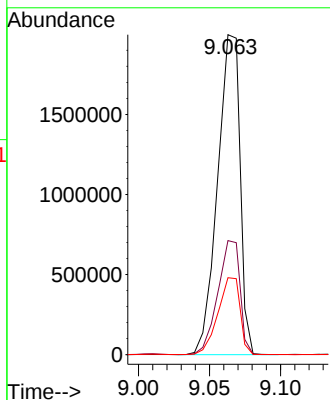
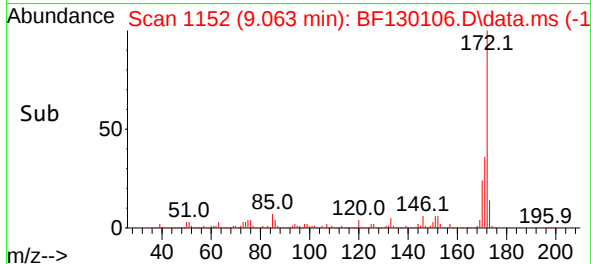
Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



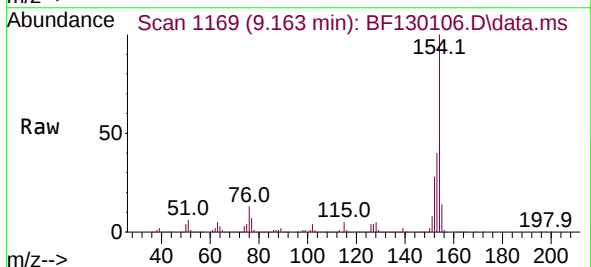
Tgt Ion:172 Resp: 2201425
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 24.0 19.1 28.7

Manual Integrations
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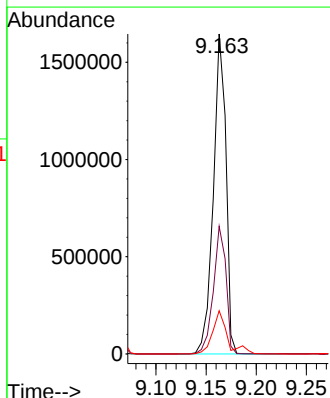
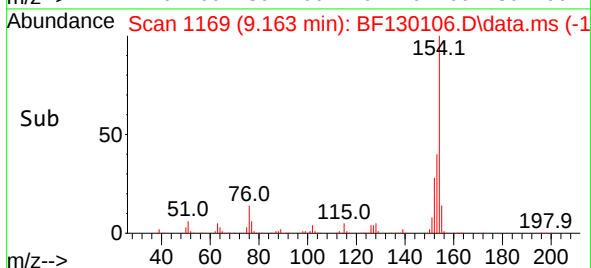
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

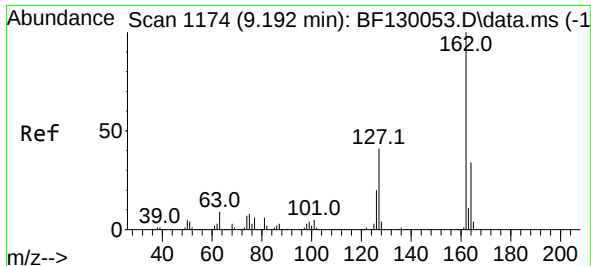


#46
1,1'-Biphenyl
Concen: 46.379 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28



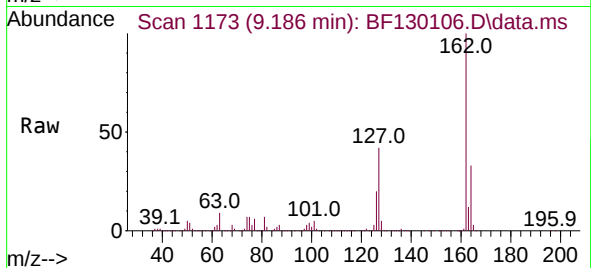
Tgt Ion:154 Resp: 1437286
Ion Ratio Lower Upper
154 100
153 39.9 20.2 60.2
76 13.5 0.0 32.1





#47
2-Chloronaphthalene
Concen: 45.588 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

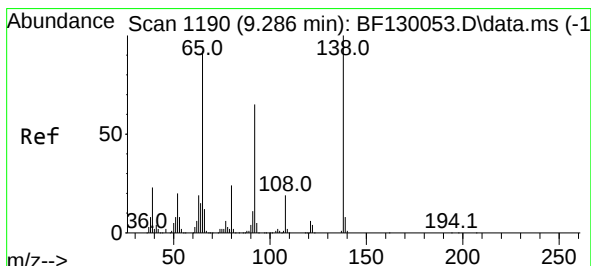
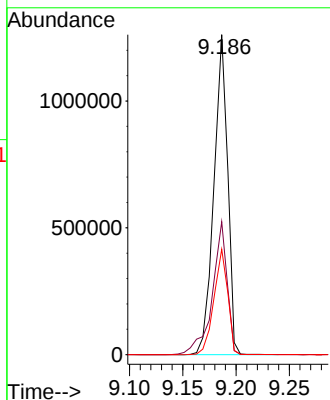
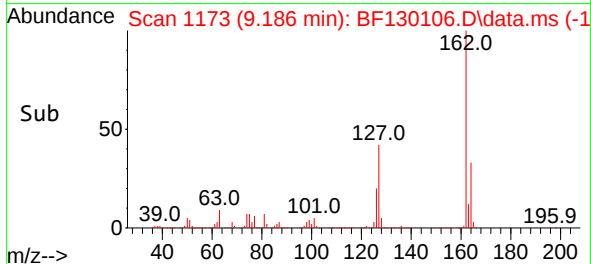
Instrument : BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion:162 Resp: 1131956
Ion Ratio Lower Upper
162 100
127 41.5 33.1 49.7
164 32.9 26.7 40.1

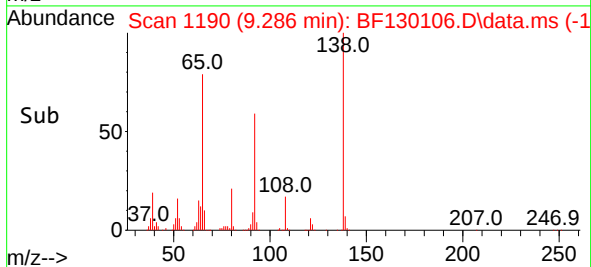
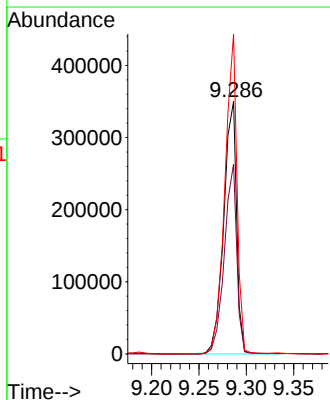
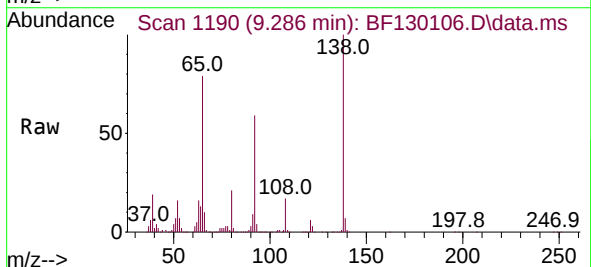
Manual Integrations
APPROVED

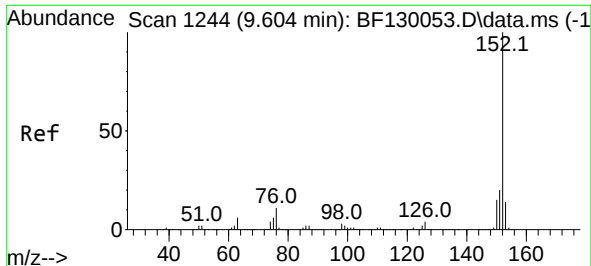
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#48
2-Nitroaniline
Concen: 53.865 ng
RT: 9.286 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

Tgt Ion: 65 Resp: 329589
Ion Ratio Lower Upper
65 100
92 75.2 55.0 82.4
138 126.8 81.3 121.9#





#49

Acenaphthylene

Concen: 45.878 ng

RT: 9.598 min Scan# 1243

Delta R.T. -0.006 min

Lab File: BF130106.D

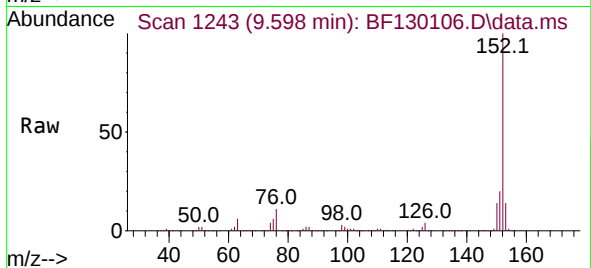
Acq: 02 Sep 2022 12:28

Instrument :

BNA_F

ClientSampleId :

XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion:152 Resp: 1729860

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

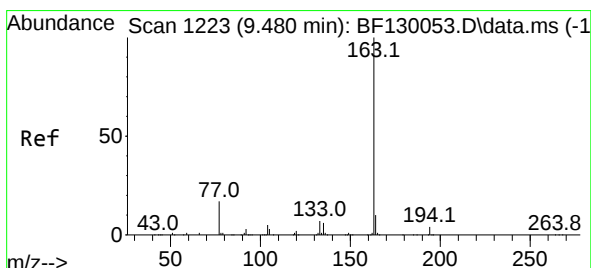
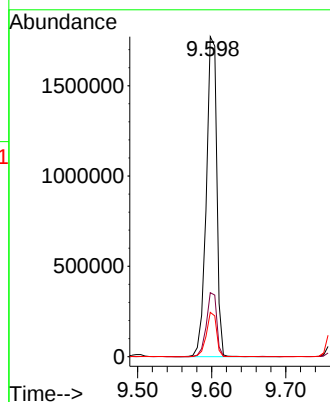
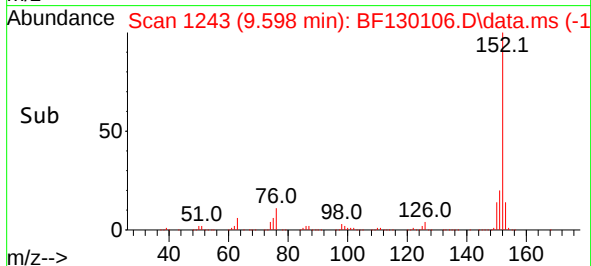
153 13.8 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#50

Dimethylphthalate

Concen: 46.753 ng

RT: 9.475 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF130106.D

Acq: 02 Sep 2022 12:28

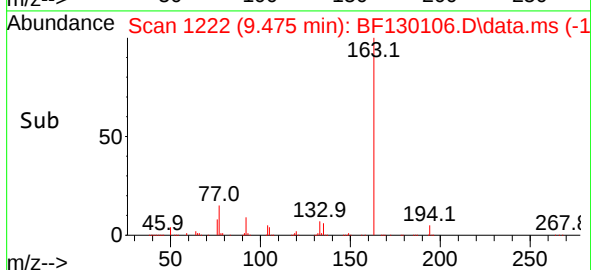
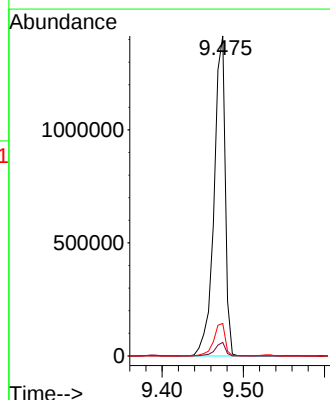
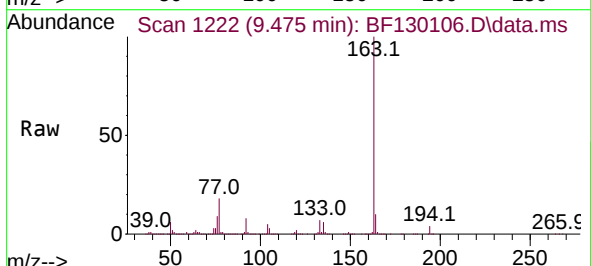
Tgt Ion:163 Resp: 1358362

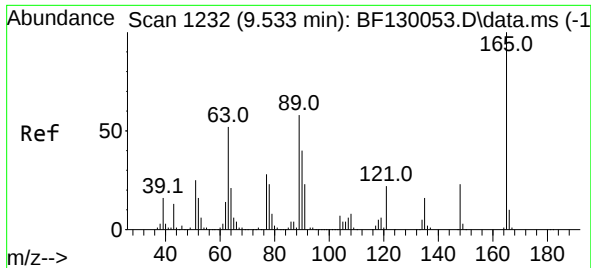
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

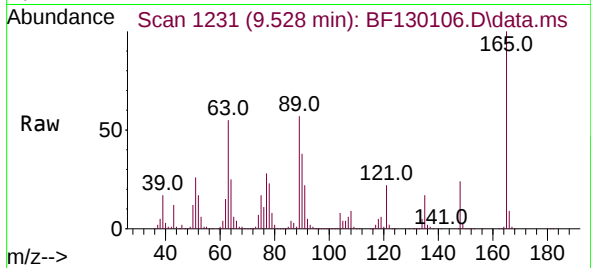
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 53.734 ng
RT: 9.528 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

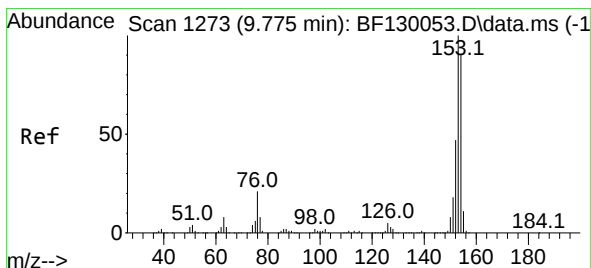
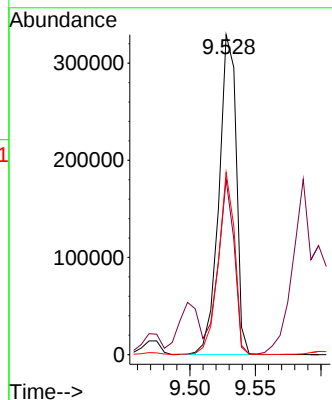
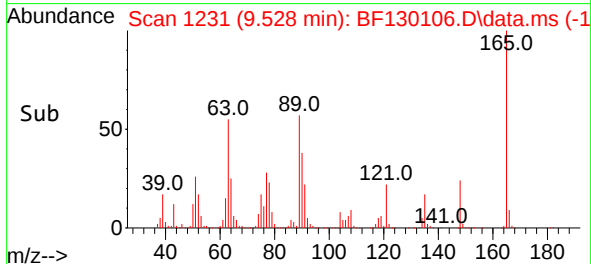
Instrument : BNA_F
Client Sample Id : XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion:165 Resp: 304382
Ion Ratio Lower Upper
165 100
63 54.7 47.8 71.8
89 56.9 47.2 70.8

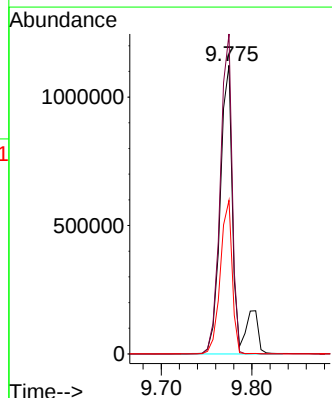
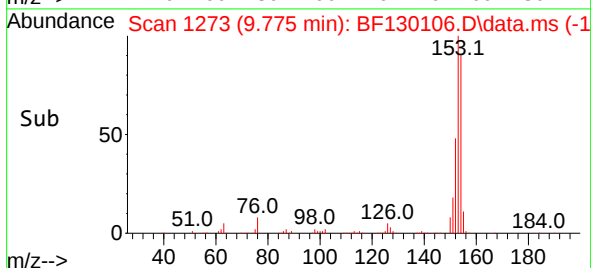
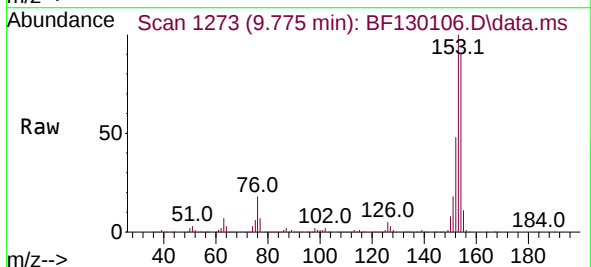
Manual Integrations
APPROVED

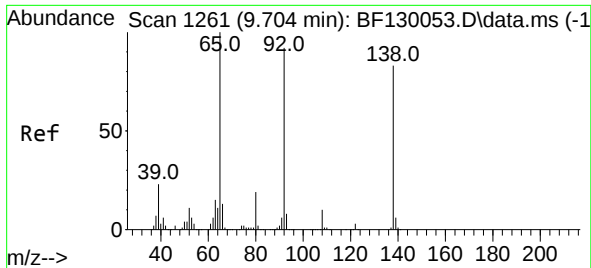
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#52
Acenaphthene
Concen: 49.914 ng m
RT: 9.775 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

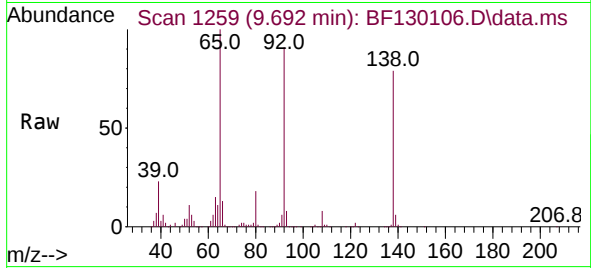
Tgt Ion:154 Resp: 1186097
Ion Ratio Lower Upper
154 100
153 110.9 89.8 134.6
152 53.2 42.1 63.1





#53
3-Nitroaniline
Concen: 30.294 ng
RT: 9.692 min Scan# 1259
Delta R.T. -0.012 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

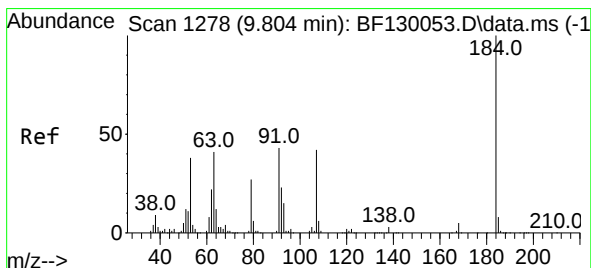
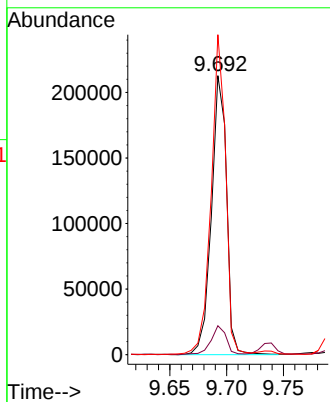
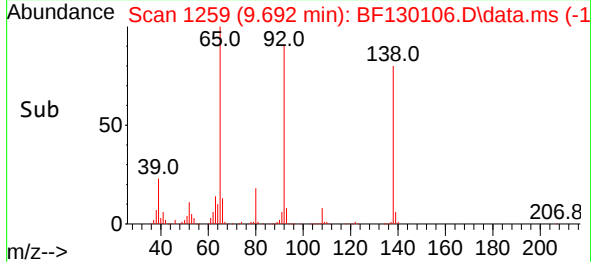
Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion:138 Resp: 196976
Ion Ratio Lower Upper
138 100
108 10.4 8.4 12.6
92 114.7 89.8 134.8

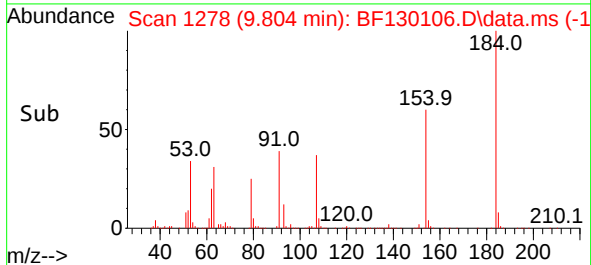
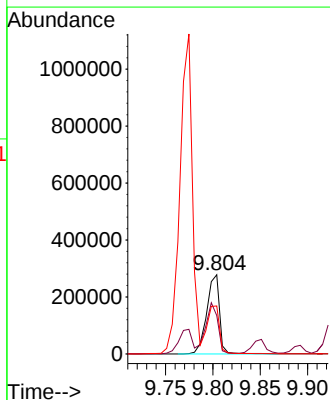
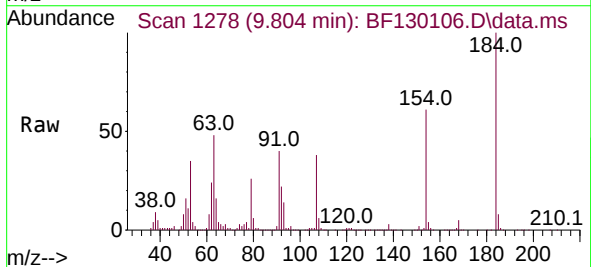
Manual Integrations
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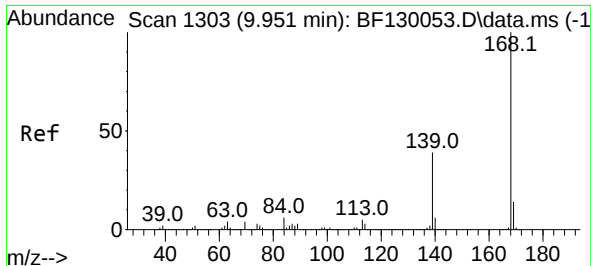
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#54
2,4-Dinitrophenol
Concen: 99.477 ng
RT: 9.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

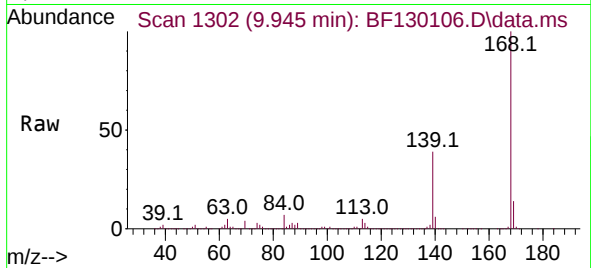
Tgt Ion:184 Resp: 261465
Ion Ratio Lower Upper
184 100
63 48.4 59.6 89.4#
154 60.5 55.3 82.9





#55
Dibenzofuran
Concen: 45.872 ng
RT: 9.945 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

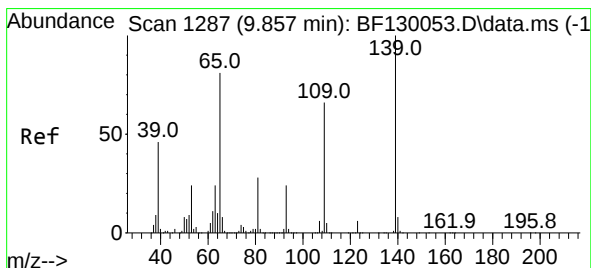
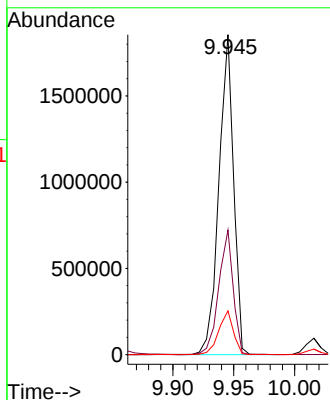
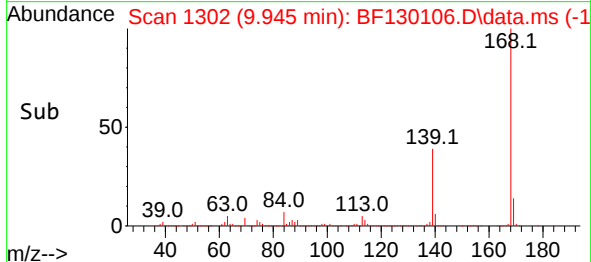
Instrument : BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion:168 Resp: 1560898
Ion Ratio Lower Upper
168 100
139 38.9 31.3 46.9
169 13.7 10.7 16.1

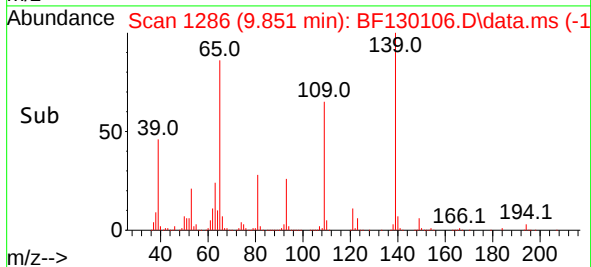
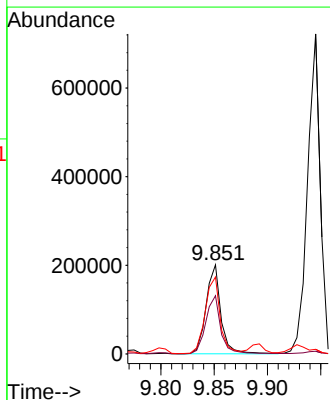
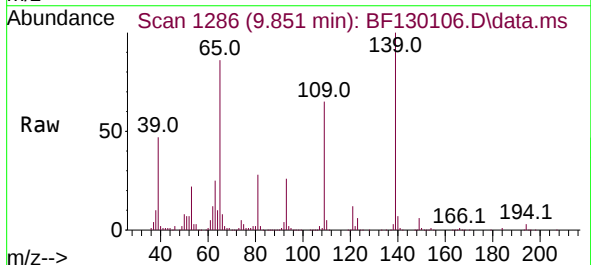
Manual Integrations
APPROVED

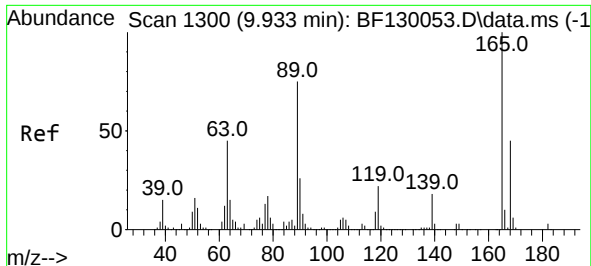
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#56
4-Nitrophenol
Concen: 38.441 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

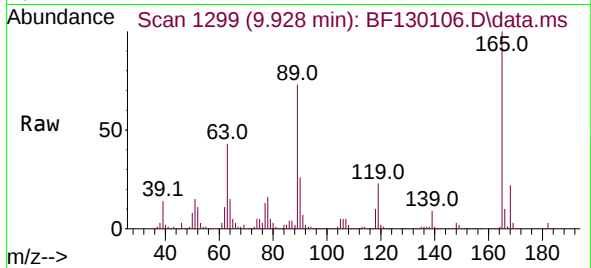
Tgt Ion:139 Resp: 192695
Ion Ratio Lower Upper
139 100
109 65.3 52.9 92.9
65 86.3 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 60.348 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

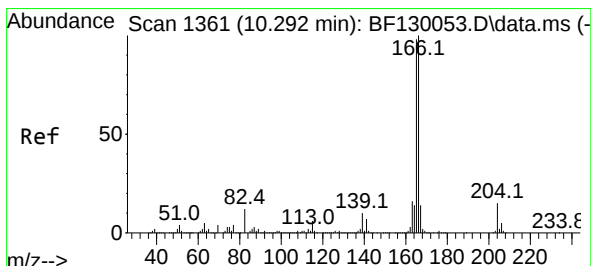
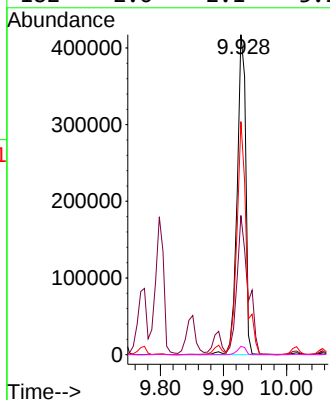
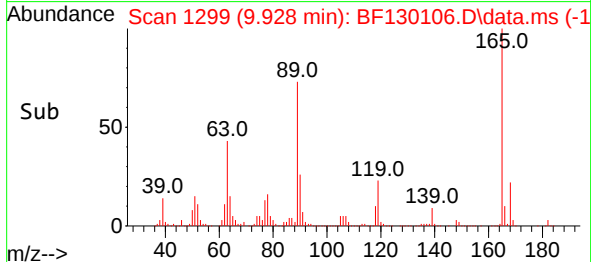
Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



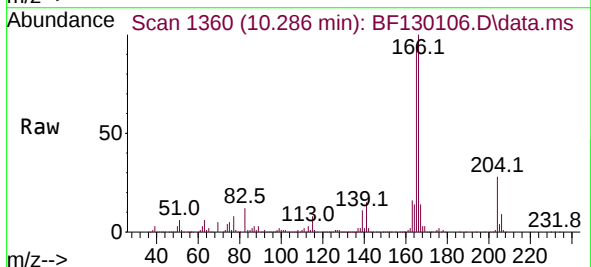
Tgt Ion:165 Resp: 393572
Ion Ratio Lower Upper
165 100
63 43.5 48.4 72.6
89 72.8 62.3 93.5
182 2.6 2.1 3.1

Manual Integrations
APPROVED

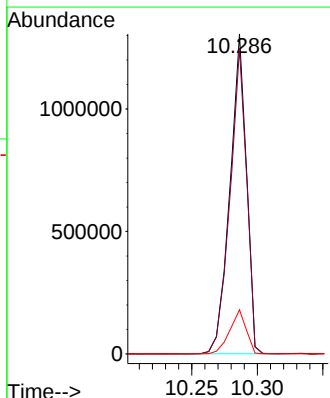
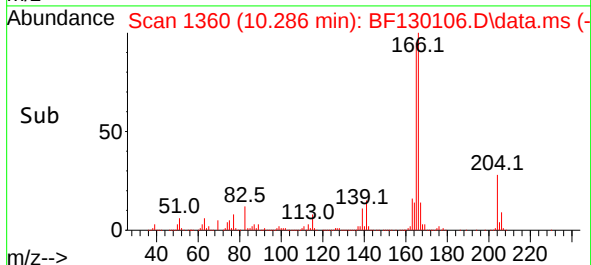
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

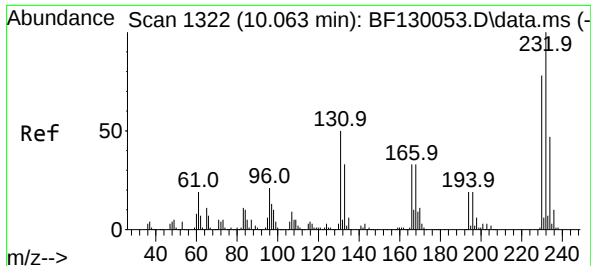


#58
Fluorene
Concen: 44.099 ng
RT: 10.286 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28



Tgt Ion:166 Resp: 1141748
Ion Ratio Lower Upper
166 100
165 95.5 77.9 116.9
167 13.8 11.0 16.4





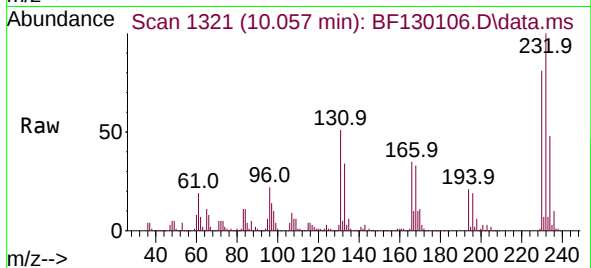
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.328 ng
RT: 10.057 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

Instrument :

BNA_F

ClientSampleId :

XRDS-RECYCLED-SAND-SP-A-COMPMS

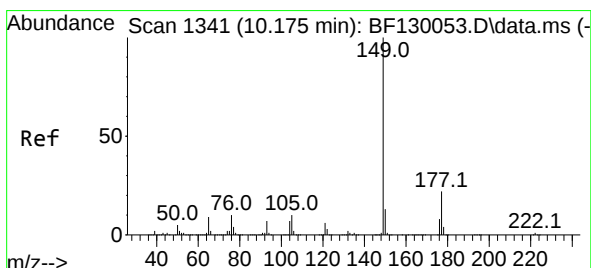
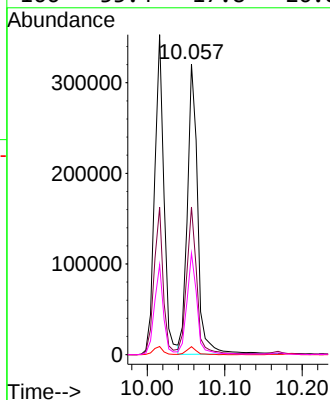
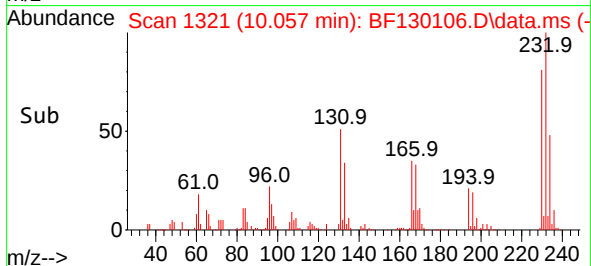


Tgt Ion:232 Resp: 296282
Ion Ratio Lower Upper
232 100
131 49.3 29.9 44.9
130 2.6 1.5 2.3
166 33.4 17.8 26.8

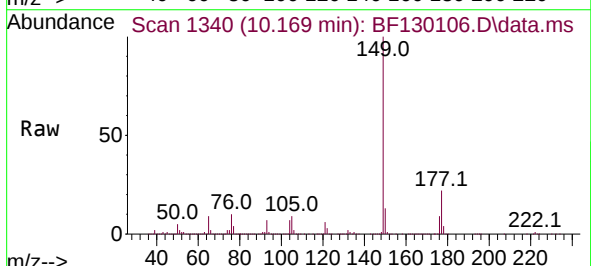
Manual Integrations

APPROVED

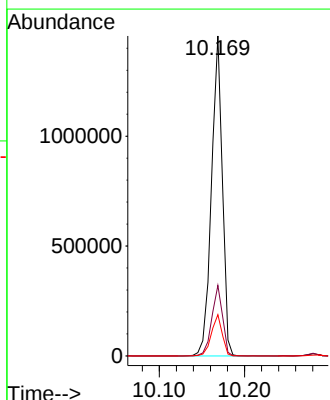
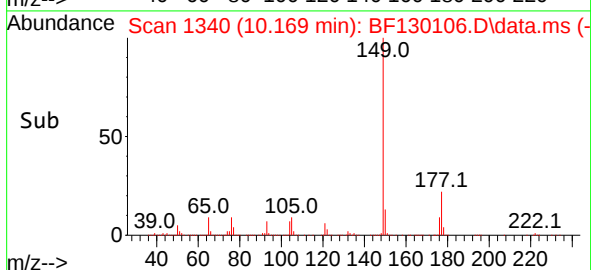
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

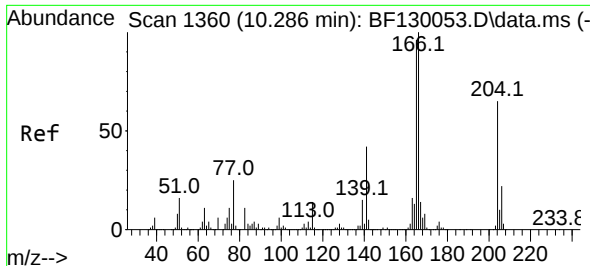


#60
Diethylphthalate
Concen: 45.840 ng
RT: 10.169 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28



Tgt Ion:149 Resp: 1288460
Ion Ratio Lower Upper
149 100
177 22.0 17.7 26.5
150 12.9 10.1 15.1





#61

4-Chlorophenyl-phenylether

Concen: 45.143 ng

RT: 10.281 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF130106.D

Acq: 02 Sep 2022 12:28

Instrument :

BNA_F

ClientSampleId :

XRDS-RECYCLED-SAND-SP-A-COMPMS

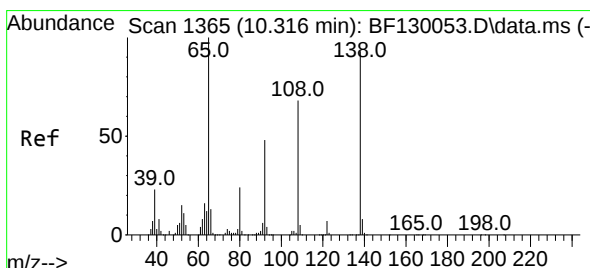
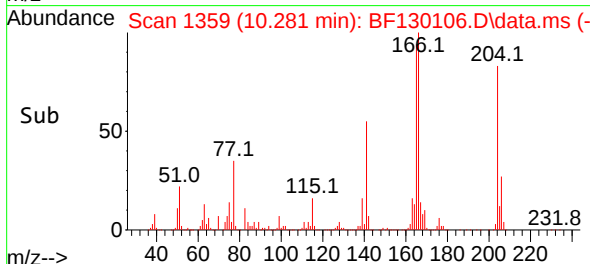
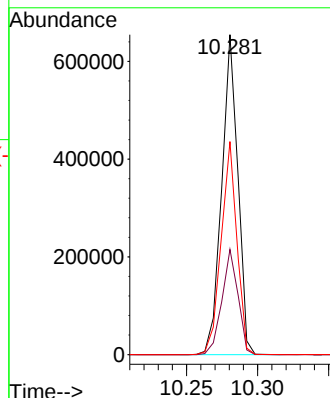
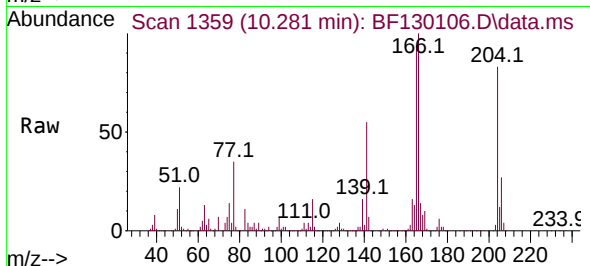
Tgt Ion:	204	Resp:	516669
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.5	39.7
141	66.6	52.6	79.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#62

4-Nitroaniline

Concen: 46.911 ng

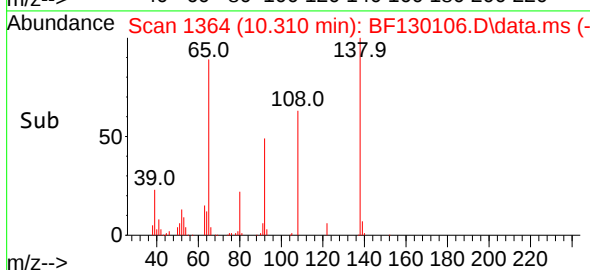
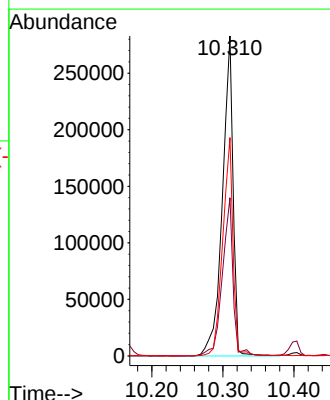
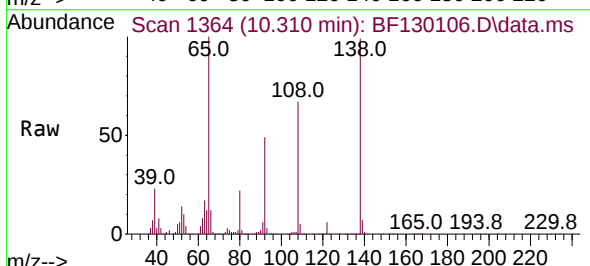
RT: 10.310 min Scan# 1364

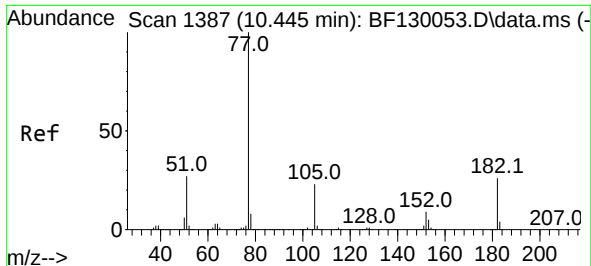
Delta R.T. -0.006 min

Lab File: BF130106.D

Acq: 02 Sep 2022 12:28

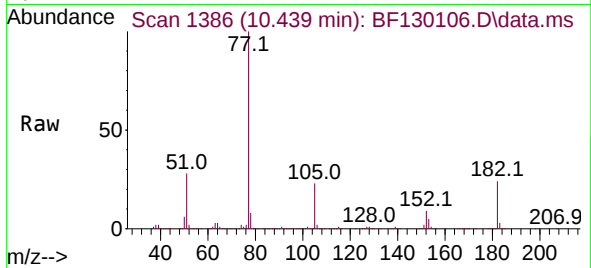
Tgt Ion:	138	Resp:	296636
Ion Ratio	Lower	Upper	
138	100		
92	49.4	30.3	70.3
108	68.2	55.7	95.7





#63
Azobenzene
Concen: 44.671 ng
RT: 10.439 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

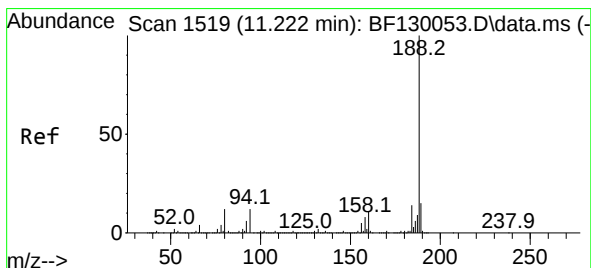
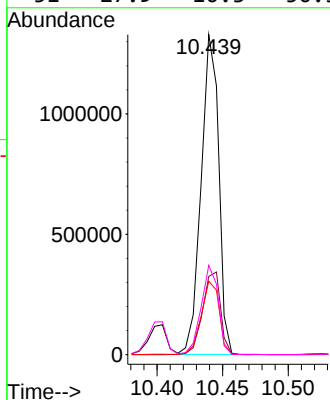
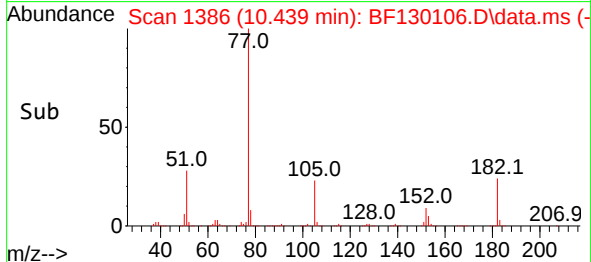
Instrument : BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



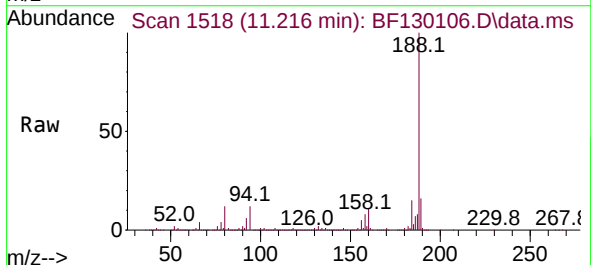
Tgt Ion: 77 Resp: 1236258
Ion Ratio Lower Upper
77 100
182 24.4 2.2 42.2
105 22.9 0.8 40.8
51 27.9 10.3 50.3

Manual Integrations
APPROVED

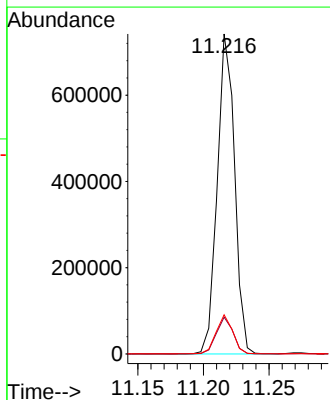
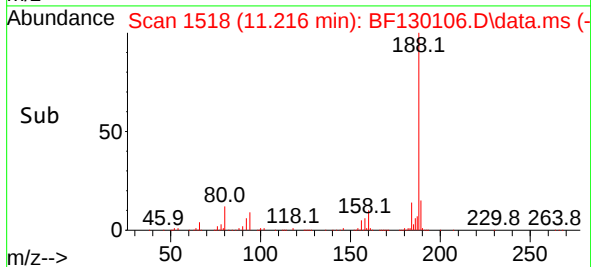
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

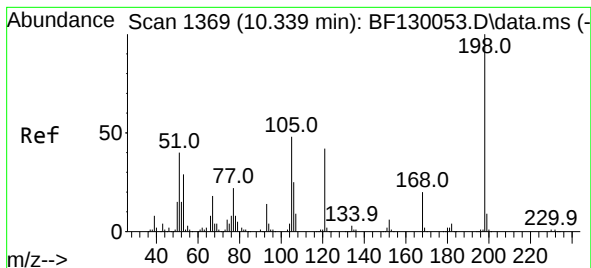


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28



Tgt Ion:188 Resp: 684287
Ion Ratio Lower Upper
188 100
94 11.5 7.4 11.2#
80 12.2 7.9 11.9#





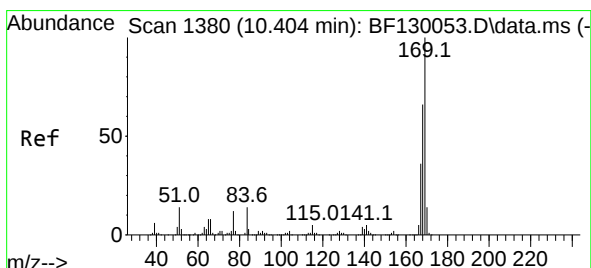
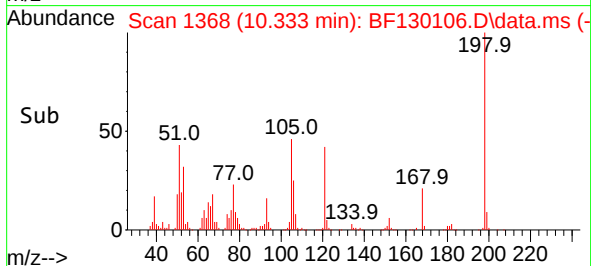
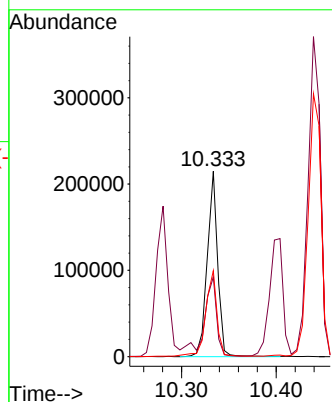
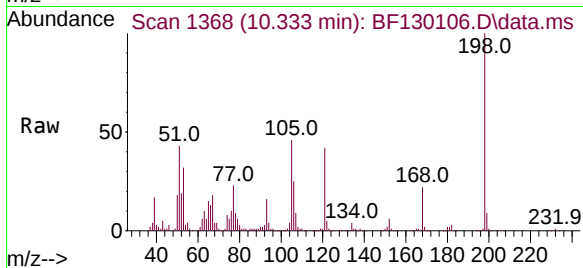
#65
4,6-Dinitro-2-methylphenol
Concen: 50.826 ng
RT: 10.333 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS

Tgt Ion:198 Resp: 165056
Ion Ratio Lower Upper
198 100
51 43.0 29.4 69.4
105 46.3 29.2 69.2

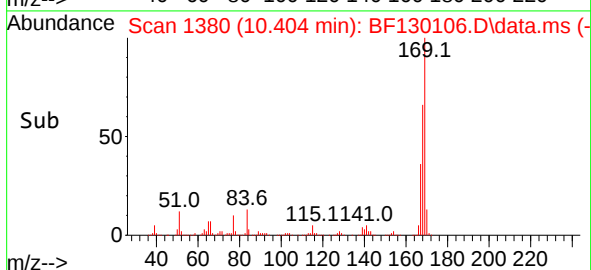
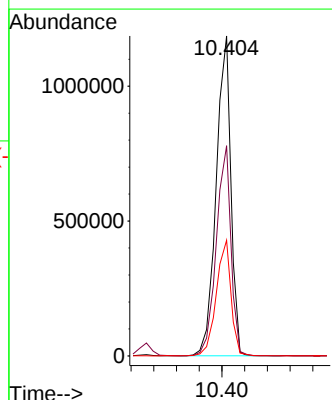
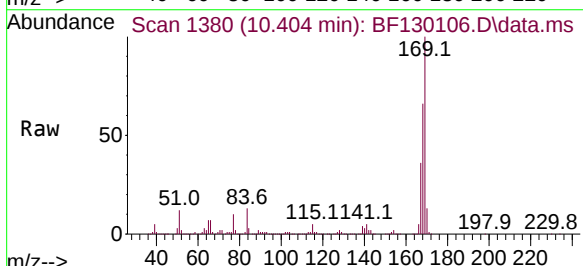
Manual Integrations
APPROVED

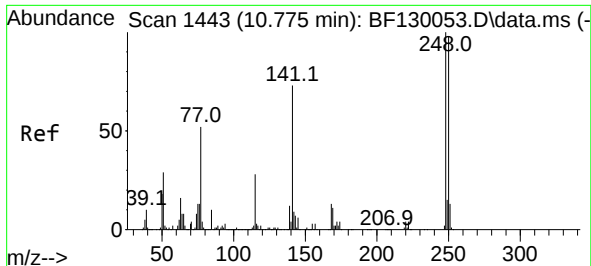
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#66
n-Nitrosodiphenylamine
Concen: 46.572 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

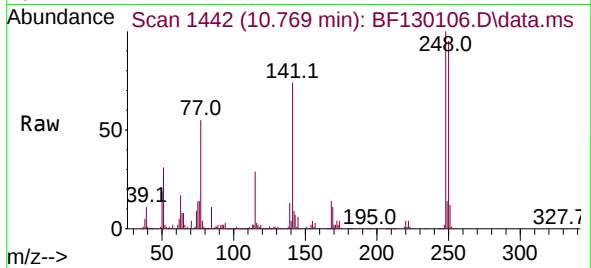
Tgt Ion:169 Resp: 1065349
Ion Ratio Lower Upper
169 100
168 65.7 53.4 80.2
167 36.1 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 48.251 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

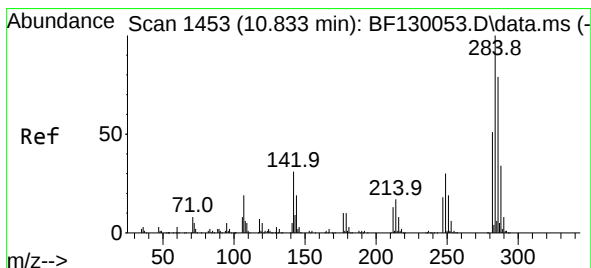
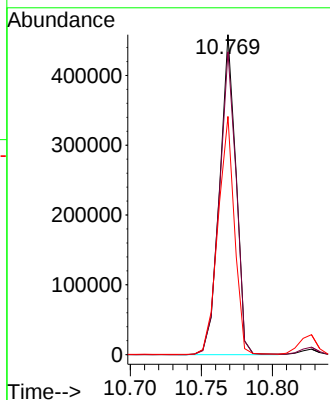
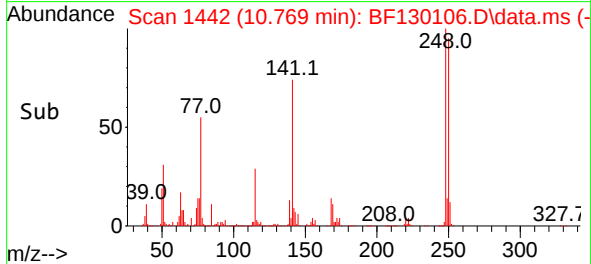
Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



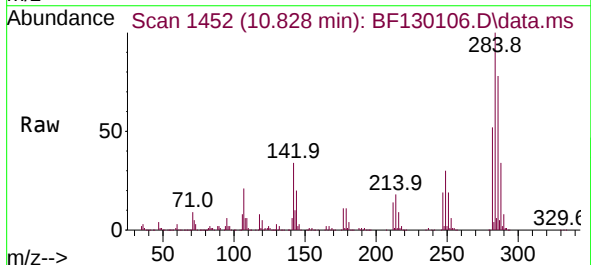
Tgt Ion:248 Resp: 367252
Ion Ratio Lower Upper
248 100
250 94.6 77.8 116.6
141 74.4 66.2 99.2

Manual Integrations
APPROVED

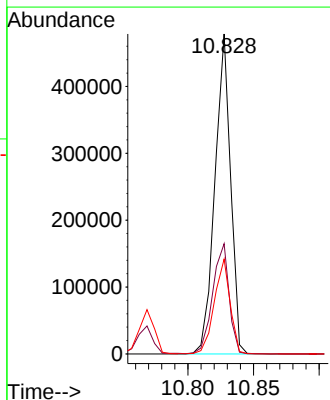
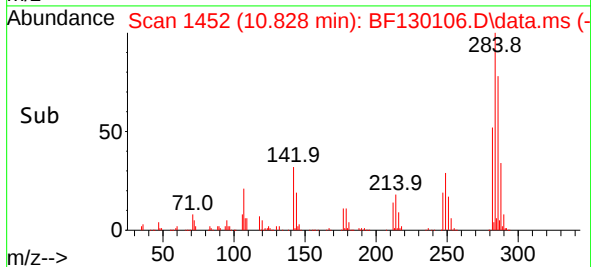
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

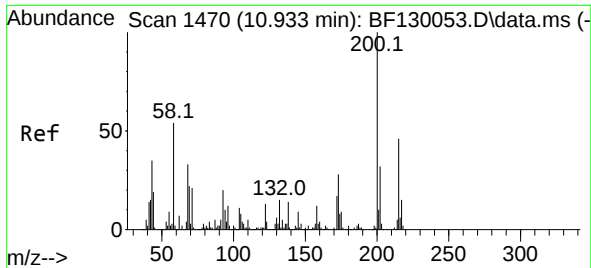


#68
Hexachlorobenzene
Concen: 48.074 ng
RT: 10.828 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28



Tgt Ion:284 Resp: 398700
Ion Ratio Lower Upper
284 100
142 34.4 31.4 47.0
249 29.6 25.7 38.5





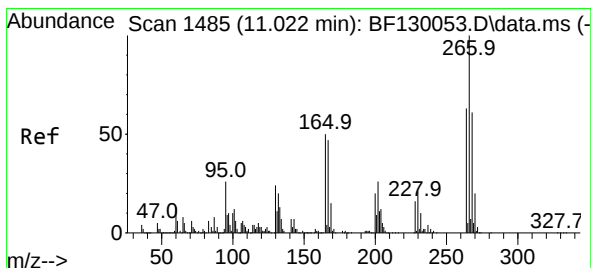
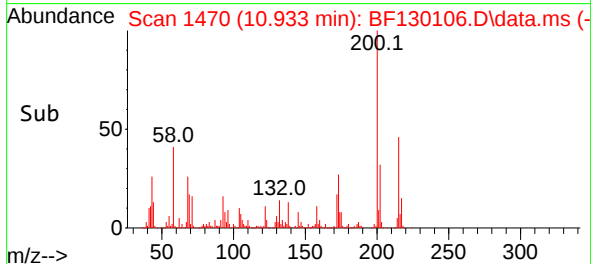
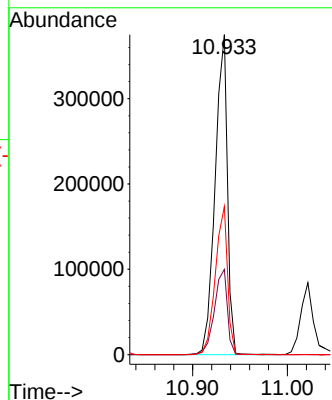
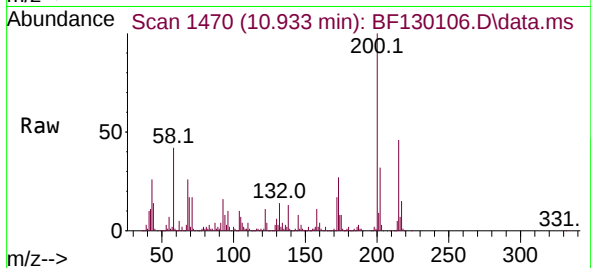
#69
 Atrazine
 Concen: 52.337 ng
 RT: 10.933 min Scan# 1470
 Delta R.T. 0.000 min
 Lab File: BF130106.D
 Acq: 02 Sep 2022 12:28

Instrument :
 BNA_F
 ClientSampleId :
 XRDS-RECYCLED-SAND-SP-A-COMPMS

Tgt Ion:200 Resp: 338698
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.4 46.4
 215 46.3 27.1 67.1

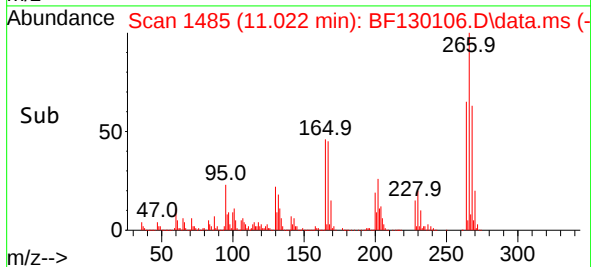
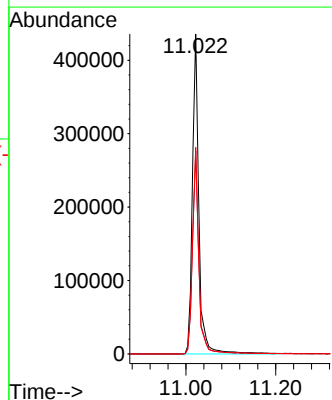
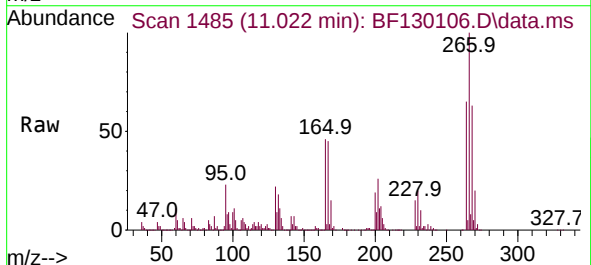
Manual Integrations
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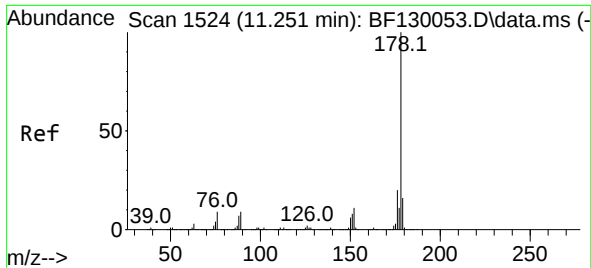
Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022



#70
 Pentachlorophenol
 Concen: 94.099 ng
 RT: 11.022 min Scan# 1485
 Delta R.T. 0.000 min
 Lab File: BF130106.D
 Acq: 02 Sep 2022 12:28

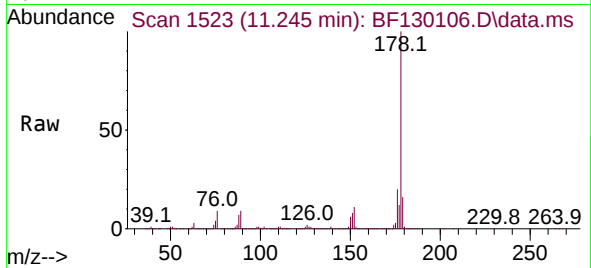
Tgt Ion:266 Resp: 436400
 Ion Ratio Lower Upper
 266 100
 268 63.4 49.0 73.4
 264 64.5 47.9 71.9





#71
Phenanthrene
Concen: 45.164 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

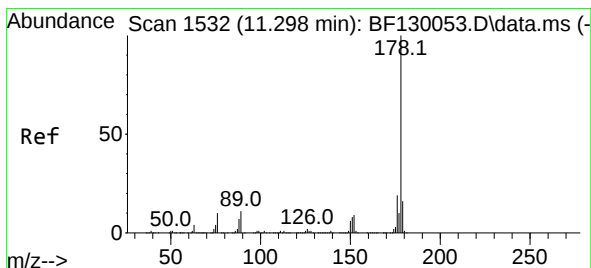
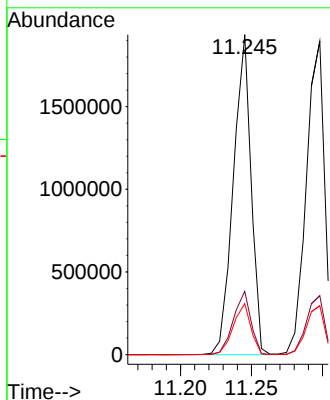
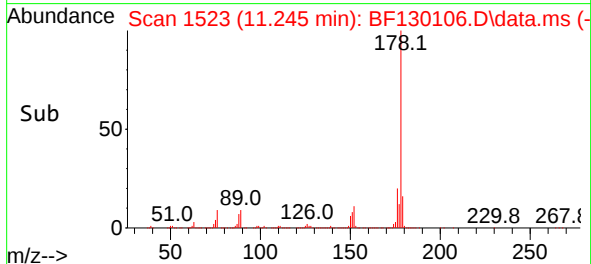
Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion:178 Resp: 167602
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.9 12.5 18.7

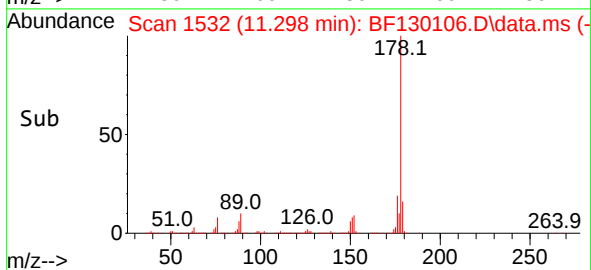
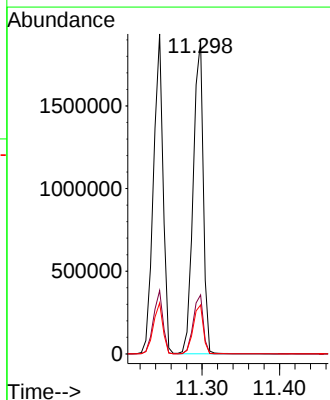
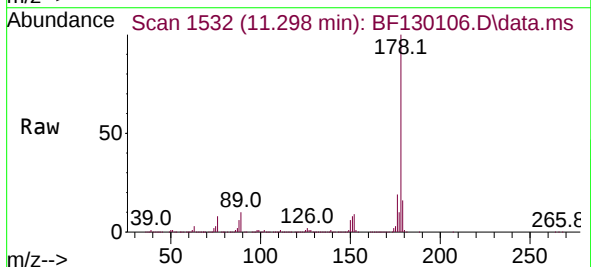
Manual Integrations
APPROVED

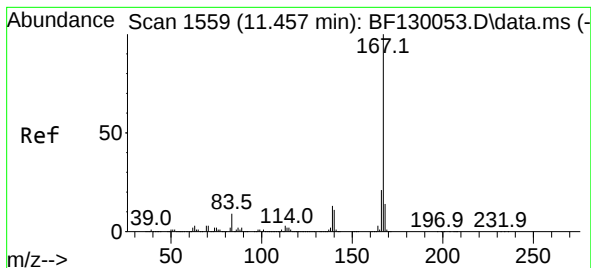
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#72
Anthracene
Concen: 46.822 ng
RT: 11.298 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

Tgt Ion:178 Resp: 1708104
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.6 12.6 18.8





#73

Carbazole

Concen: 47.690 ng

RT: 11.451 min Scan# 1558

Delta R.T. -0.006 min

Lab File: BF130106.D

Acq: 02 Sep 2022 12:28

Instrument :

BNA_F

ClientSampleId :

XRDS-RECYCLED-SAND-SP-A-COMPMS

Tgt Ion:167 Resp: 1604316

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

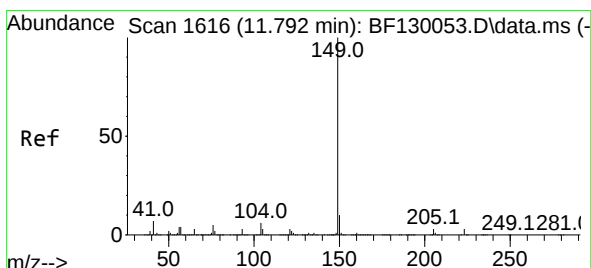
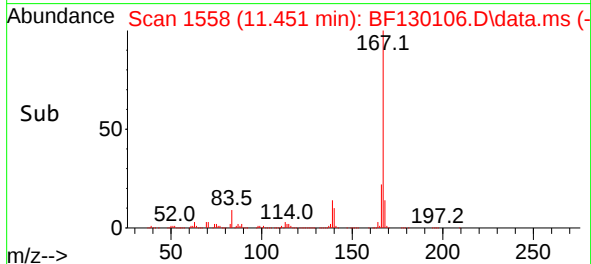
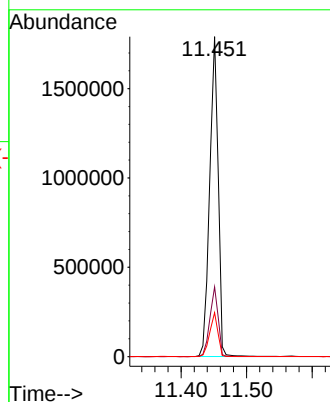
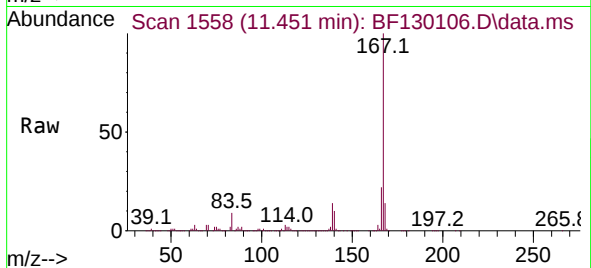
139 13.7 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#74

Di-n-butylphthalate

Concen: 48.109 ng

RT: 11.786 min Scan# 1615

Delta R.T. -0.006 min

Lab File: BF130106.D

Acq: 02 Sep 2022 12:28

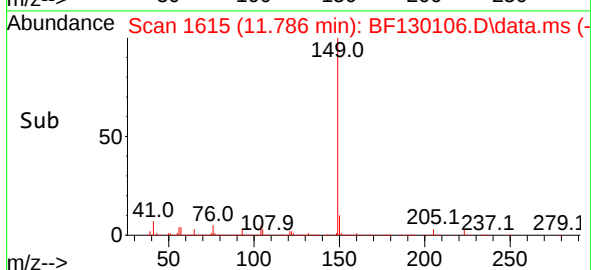
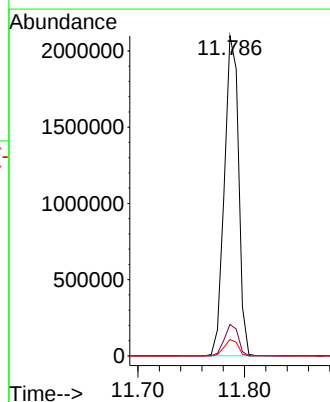
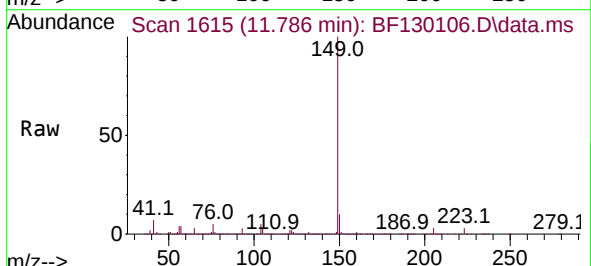
Tgt Ion:149 Resp: 1951583

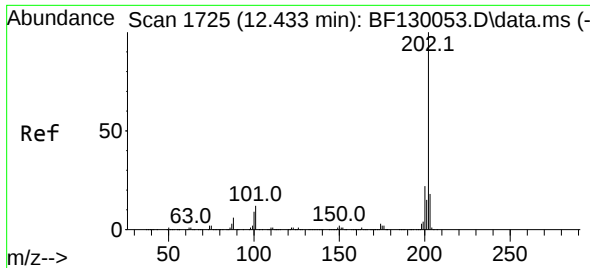
Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

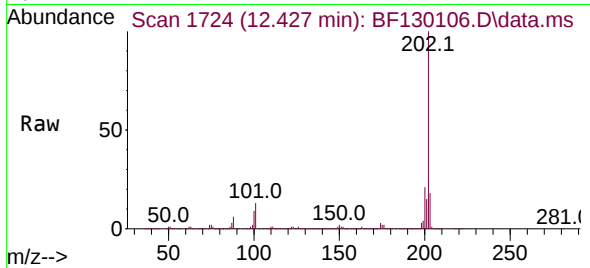
104 5.2 4.2 6.4





#75
Fluoranthene
Concen: 45.072 ng
RT: 12.427 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

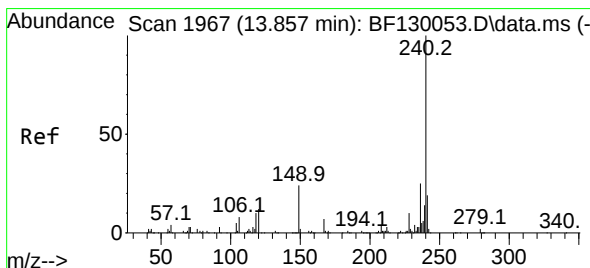
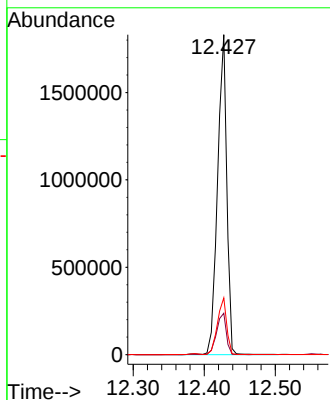
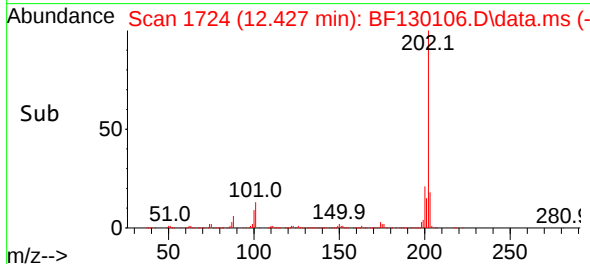
Instrument : BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



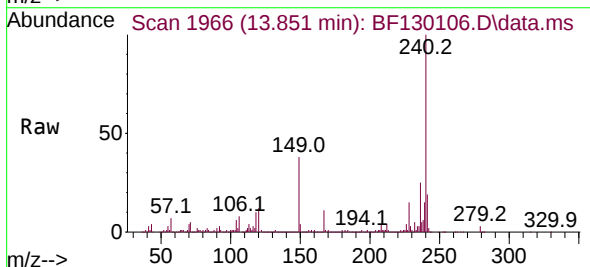
Tgt Ion:202 Resp: 1658626
Ion Ratio Lower Upper
202 100
101 12.9 0.0 30.7
203 17.7 0.0 37.5

Manual Integrations
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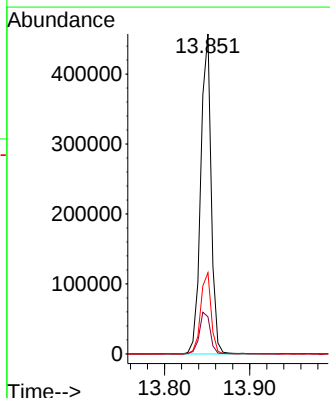
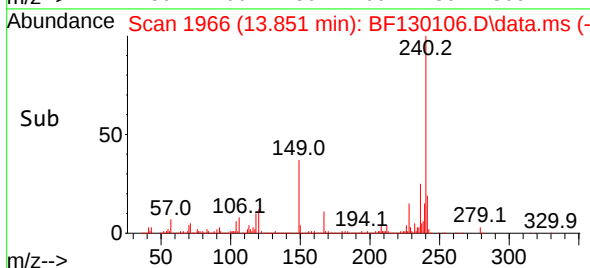
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

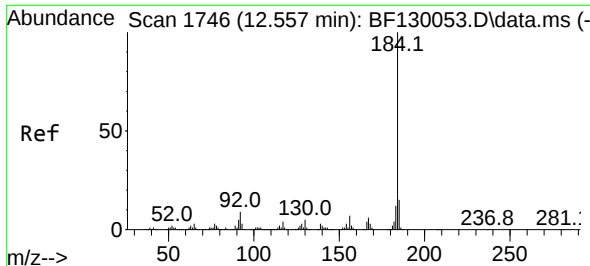


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28



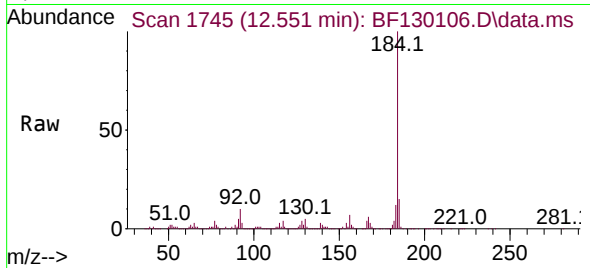
Tgt Ion:240 Resp: 387184
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 25.4 20.7 31.1





#77
Benzidine
Concen: 53.658 ng
RT: 12.551 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

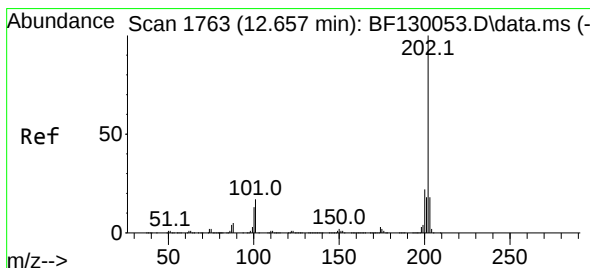
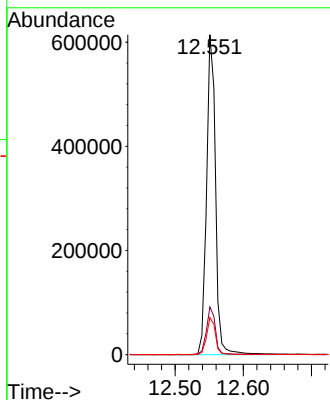
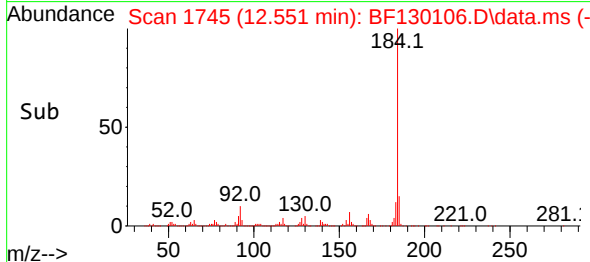
Instrument : BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion:184 Resp: 560918
Ion Ratio Lower Upper
184 100
185 14.9 11.4 17.2
183 11.6 9.4 14.2

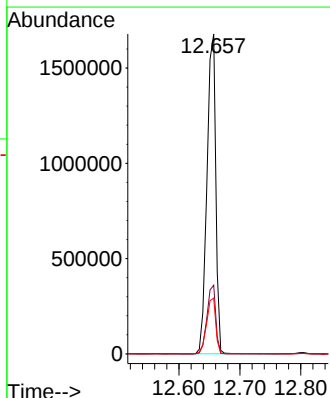
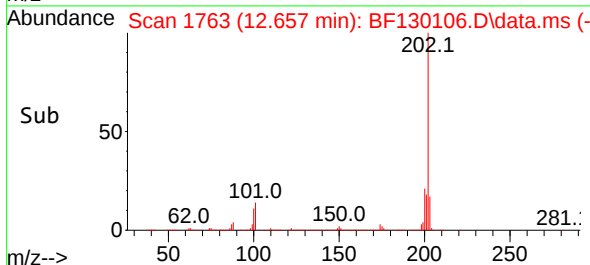
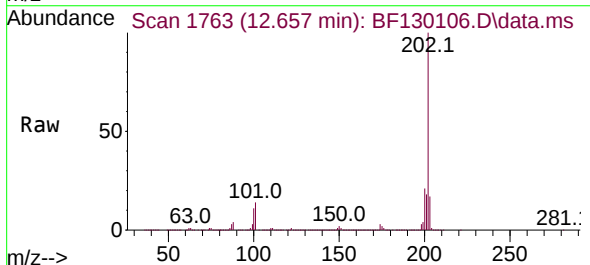
Manual Integrations
APPROVED

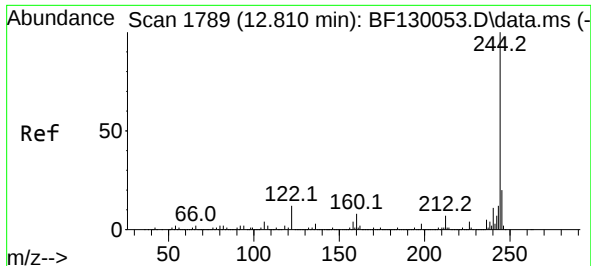
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#78
Pyrene
Concen: 48.367 ng
RT: 12.657 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

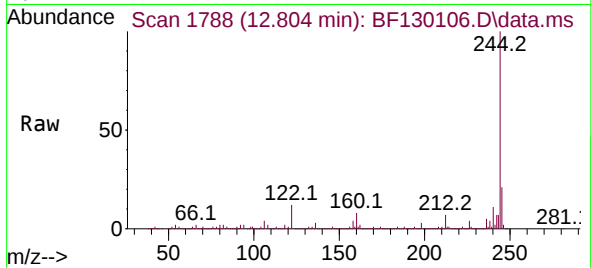
Tgt Ion:202 Resp: 1679715
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.4 14.1 21.1





#79
Terphenyl-d14
Concen: 91.109 ng
RT: 12.804 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

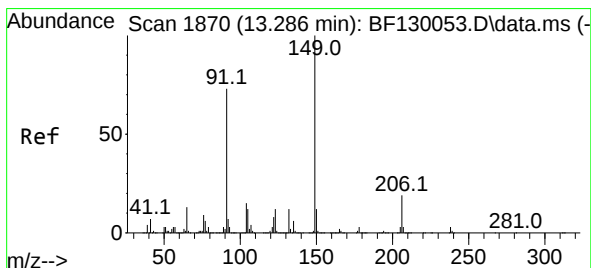
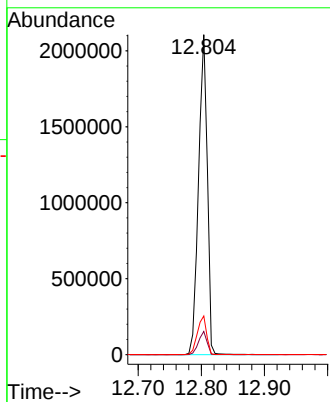
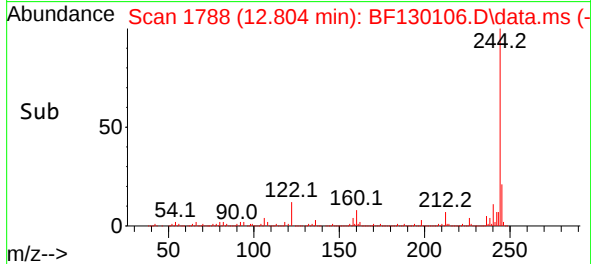
Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion:244 Resp: 2034220
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.1 9.9 14.9

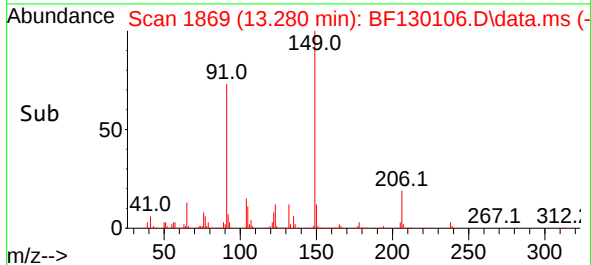
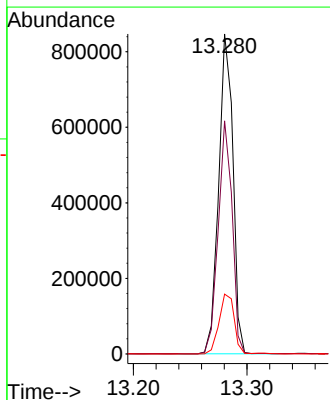
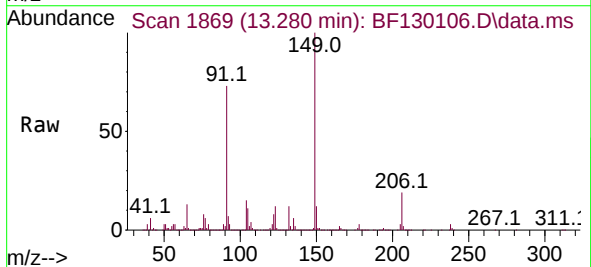
Manual Integrations
APPROVED

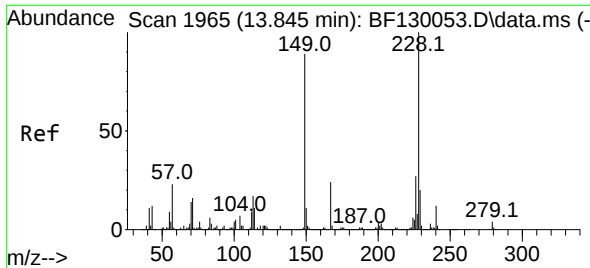
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#80
Butylbenzylphthalate
Concen: 53.270 ng
RT: 13.280 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

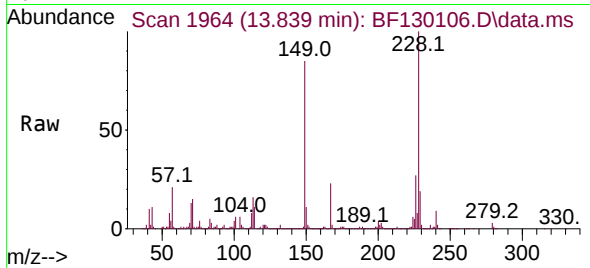
Tgt Ion:149 Resp: 735832
Ion Ratio Lower Upper
149 100
91 72.8 55.4 83.0
206 18.7 15.8 23.6





#81
Benzo(a)anthracene
Concen: 46.011 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

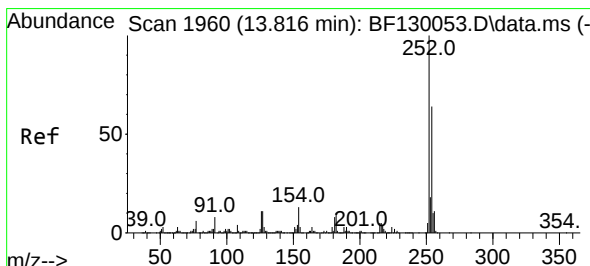
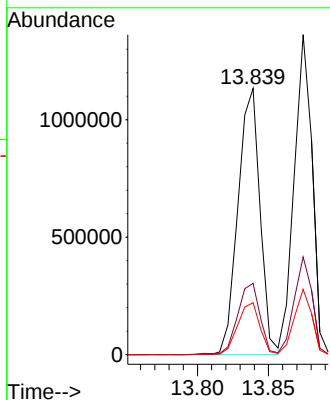
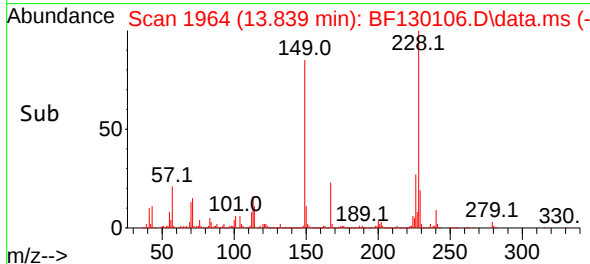
Instrument : BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



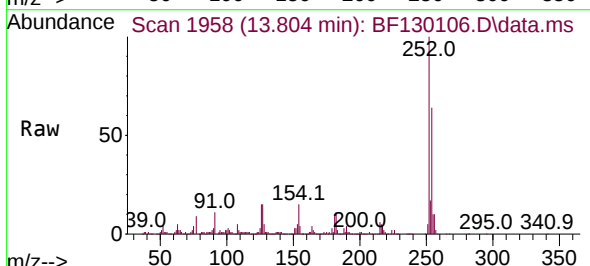
Tgt Ion:228 Resp: 122084
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 19.5 16.1 24.1

Manual Integrations
APPROVED

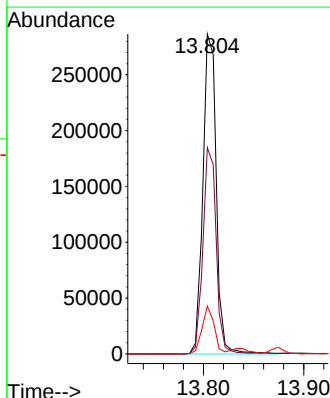
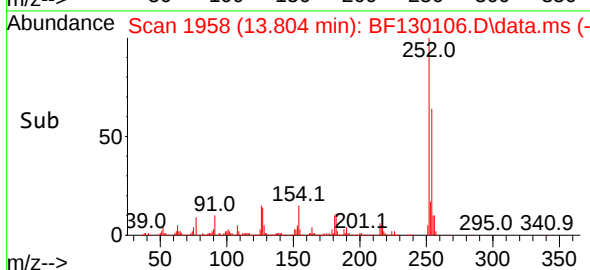
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

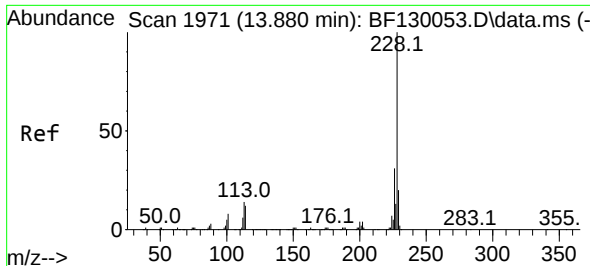


#82
3,3'-Dichlorobenzidine
Concen: 31.889 ng
RT: 13.804 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28



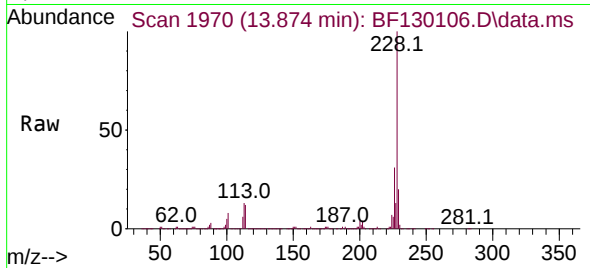
Tgt Ion:252 Resp: 263872
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.2
126 15.0 10.2 15.4





#83
Chrysene
Concen: 46.320 ng
RT: 13.874 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

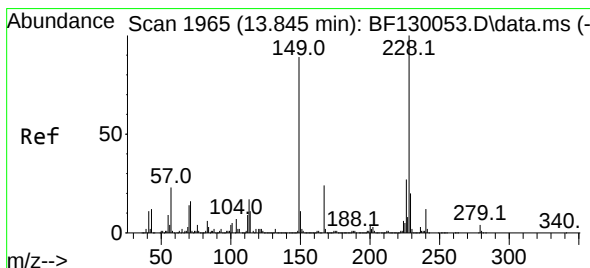
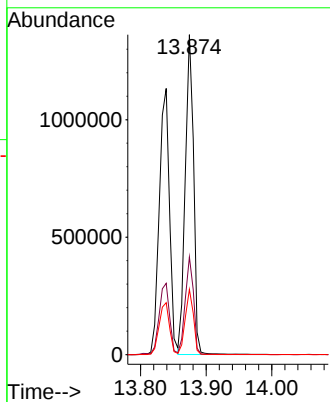
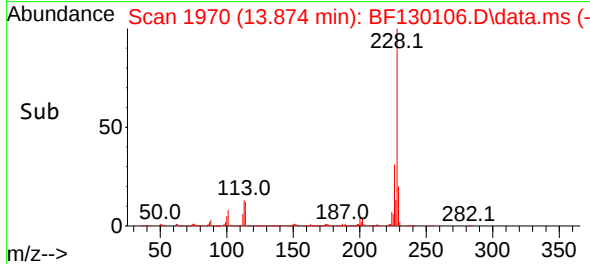
Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion:228 Resp: 1211746
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 20.4 15.9 23.9

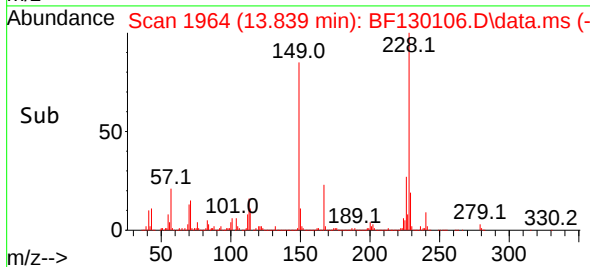
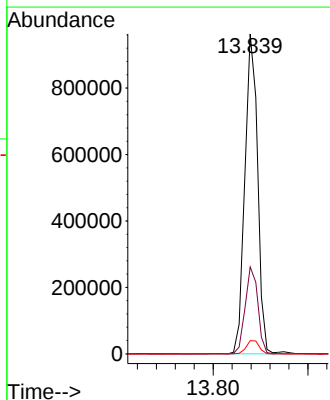
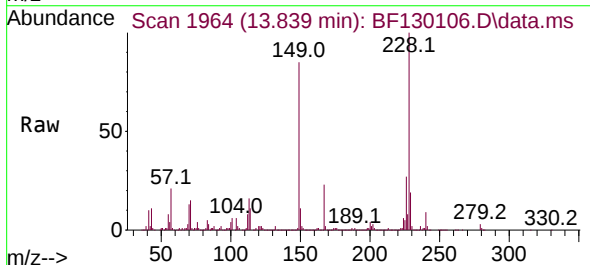
Manual Integrations
APPROVED

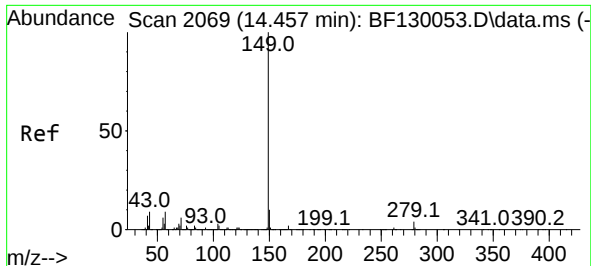
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.168 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

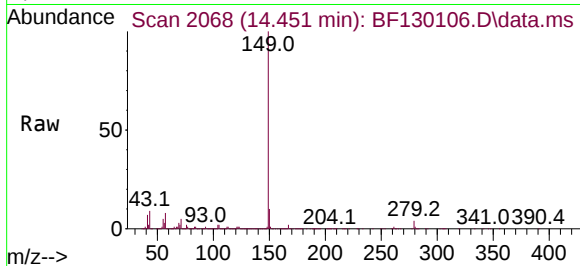
Tgt Ion:149 Resp: 895712
Ion Ratio Lower Upper
149 100
167 27.2 22.0 33.0
279 4.1 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 54.836 ng
RT: 14.451 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

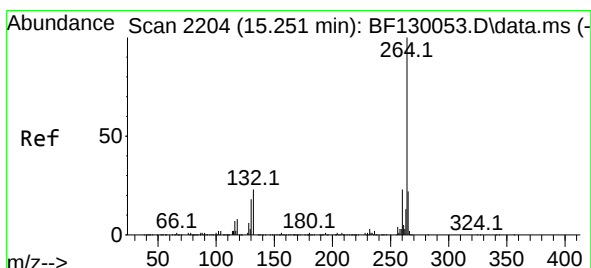
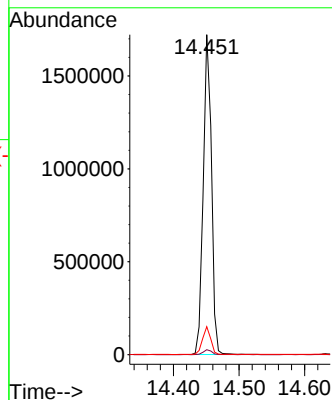
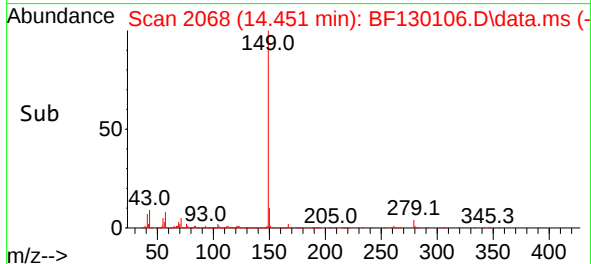
Instrument : BNA_F
Client Sample Id :
XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion:149 Resp: 1487253
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.7 7.8 11.6

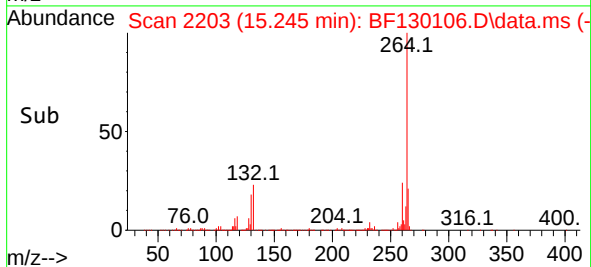
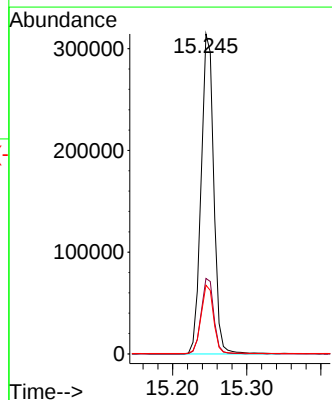
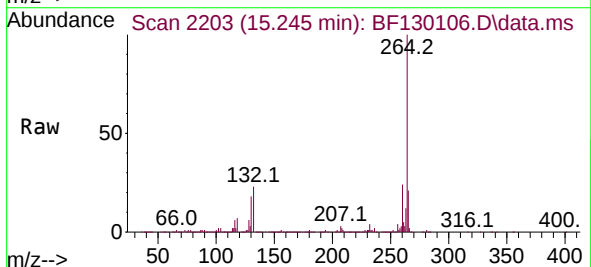
Manual Integrations
APPROVED

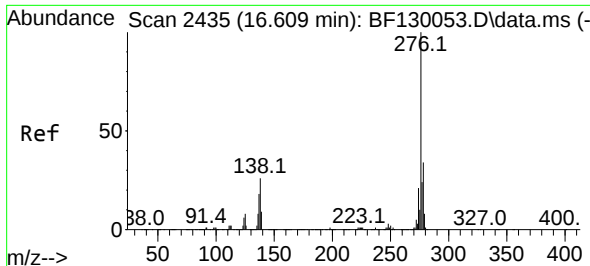
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.245 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

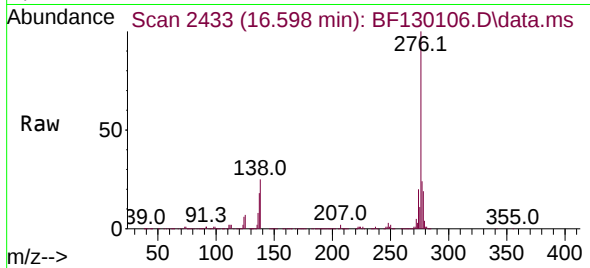
Tgt Ion:264 Resp: 372794
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.5 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.136 ng
RT: 16.598 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

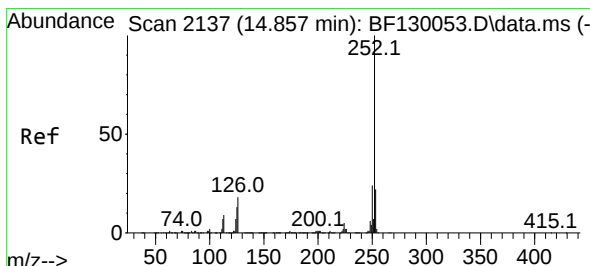
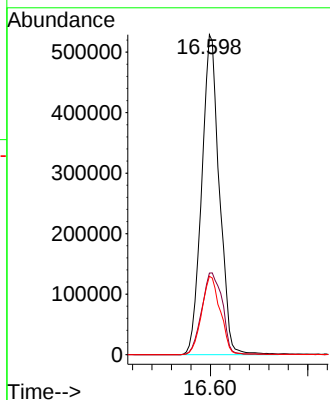
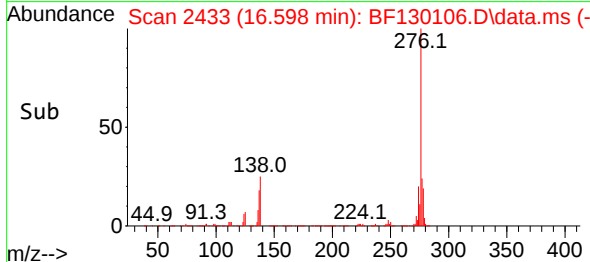
Instrument : BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion:276 Resp: 1331262
Ion Ratio Lower Upper
276 100
138 29.8 19.8 29.8
277 25.7 20.4 30.6

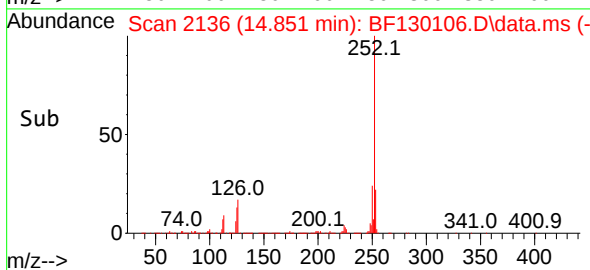
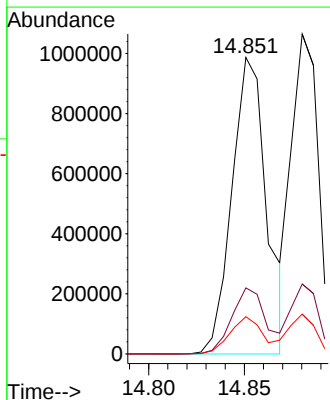
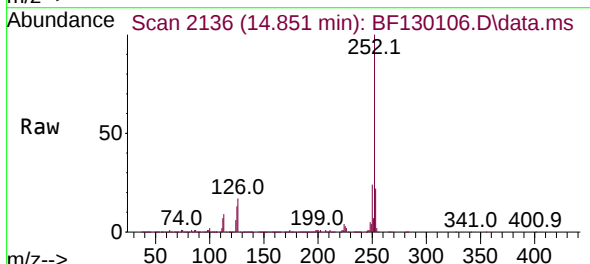
Manual Integrations
APPROVED

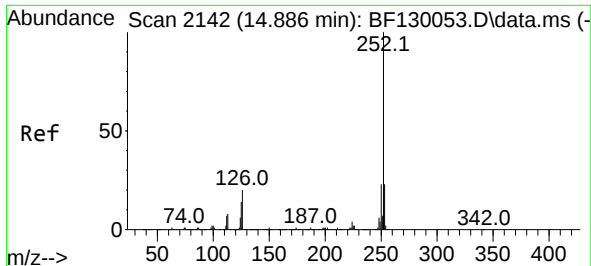
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#88
Benzo(b)fluoranthene
Concen: 50.166 ng m
RT: 14.851 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

Tgt Ion:252 Resp: 1247144
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 12.5 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 44.328 ng

RT: 14.880 min Scan# 2142

Delta R.T. -0.006 min

Lab File: BF130106.D

Acq: 02 Sep 2022 12:28

Instrument :

BNA_F

ClientSampleId :

XRDS-RECYCLED-SAND-SP-A-COMPMS

Tgt Ion:252 Resp: 1065805

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

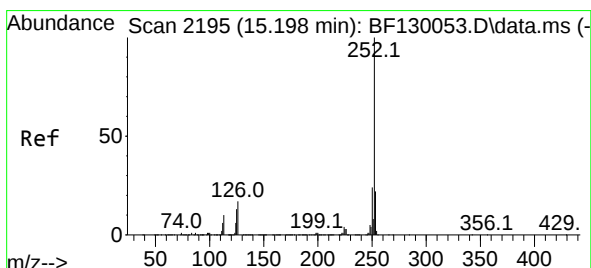
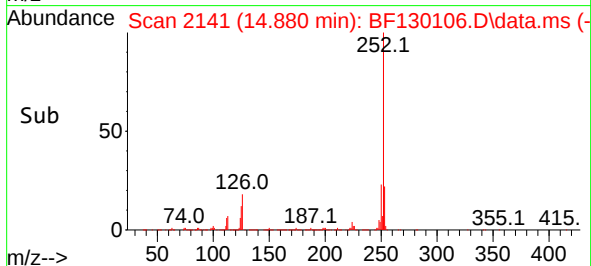
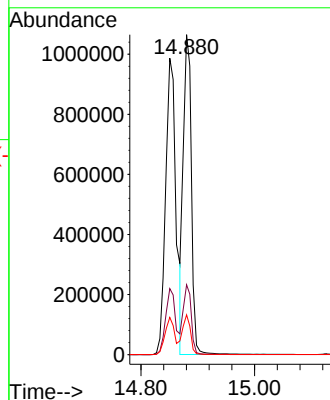
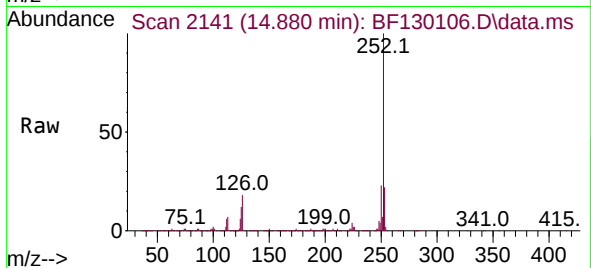
125 12.4 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#90

Benzo(a)pyrene

Concen: 51.053 ng

RT: 15.192 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF130106.D

Acq: 02 Sep 2022 12:28

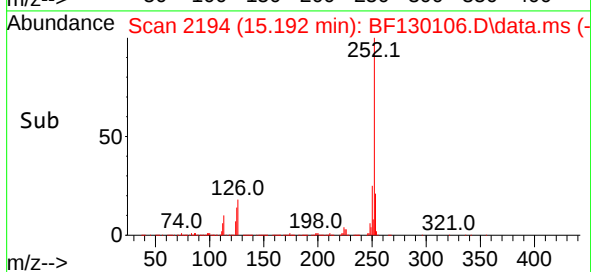
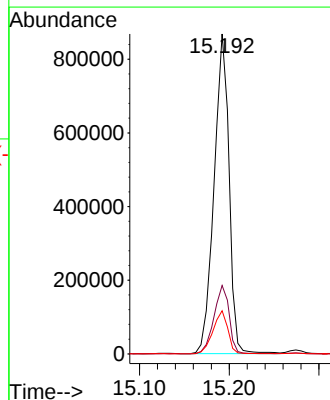
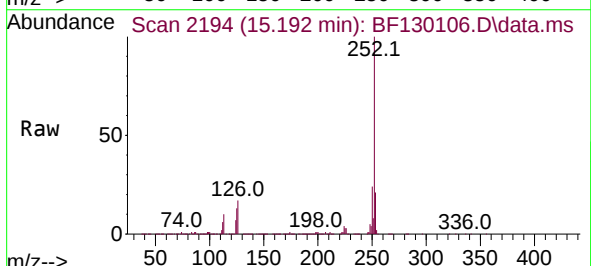
Tgt Ion:252 Resp: 1008515

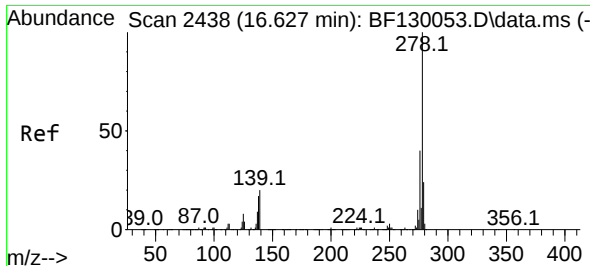
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

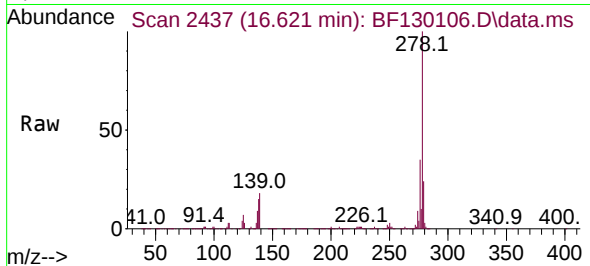
125 13.5 8.8 13.2#





#91
Dibenzo(a,h)anthracene
Concen: 57.465 ng
RT: 16.621 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

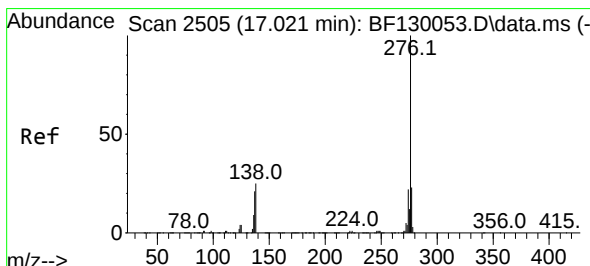
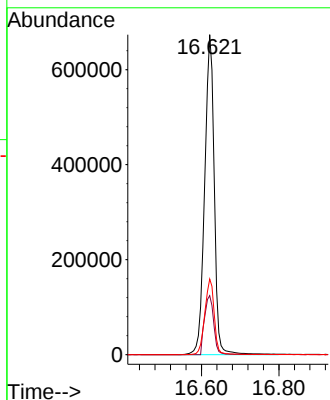
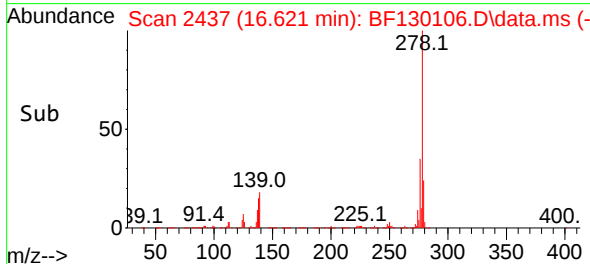
Instrument : BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMS



Tgt Ion: 278 Resp: 115631
Ion Ratio Lower Upper
278 100
139 18.4 12.2 18.4
279 23.6 18.7 28.1

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 09/06/2022
Supervised By : Jagrut Upadhyay 09/06/2022



#92
Benzo(g,h,i)perylene
Concen: 58.480 ng
RT: 17.009 min Scan# 2503
Delta R.T. -0.012 min
Lab File: BF130106.D
Acq: 02 Sep 2022 12:28

Tgt Ion: 276 Resp: 1177343
Ion Ratio Lower Upper
276 100
277 23.9 18.2 27.4
138 25.8 15.8 23.8

