

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132326.D
 Acq On : 03 Feb 2023 17:31
 Operator : CG\JU
 Sample : 01371-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-RAMP-EMS

Quant Time: Feb 04 01:39:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	216700	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	833003	20.000	ng	0.00
39) Acenaphthene-d10	10.113	164	423966	20.000	ng	0.00
64) Phenanthrene-d10	11.607	188	768820	20.000	ng	0.00
76) Chrysene-d12	14.271	240	379659	20.000	ng	0.00
86) Perylene-d12	15.848	264	372229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	1163536	86.307	ng	0.01
7) Phenol-d6	6.678	99	1458565	87.756	ng	0.00
23) Nitrobenzene-d5	7.625	82	882789	58.973	ng	0.00
42) 2,4,6-Tribromophenol	10.907	330	447266	102.586	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	1583630	57.682	ng	0.00
79) Terphenyl-d14	13.201	244	1565198	79.749	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.078	88	241493	38.070	ng	96
3) Pyridine	3.813	79	597398	34.714	ng	97
4) n-Nitrosodimethylamine	3.778	42	205572	37.332	ng	91
6) Aniline	6.719	93	457733m	20.295	ng	
8) 2-Chlorophenol	6.843	128	652176	46.708	ng	96
9) Benzaldehyde	6.613	77	379994	41.347	ng	95
10) Phenol	6.695	94	734189	42.678	ng	96
11) bis(2-Chloroethyl)ether	6.790	93	601601	42.492	ng	96
12) 1,3-Dichlorobenzene	7.001	146	668956	45.298	ng	98
13) 1,4-Dichlorobenzene	7.078	146	673195	45.668	ng	100
14) 1,2-Dichlorobenzene	7.231	146	646978	47.062	ng	98
15) Benzyl Alcohol	7.195	79	508734	41.948	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.331	45	568518	38.113	ng	93
17) 2-Methylphenol	7.301	107	507511	41.523	ng	99
18) Hexachloroethane	7.572	117	259726	46.967	ng	96
19) n-Nitroso-di-n-propyla...	7.472	70	353764	37.472	ng	97
20) 3+4-Methylphenols	7.454	107	632616	40.552	ng	93
22) Acetophenone	7.466	105	795842	40.625	ng	99
24) Nitrobenzene	7.642	77	602527	39.399	ng	97
25) Isophorone	7.884	82	1173076	41.288	ng	96
26) 2-Nitrophenol	7.960	139	360554	48.403	ng	93
27) 2,4-Dimethylphenol	7.990	122	589034	45.177	ng	99
28) bis(2-Chloroethoxy)met...	8.089	93	731442	41.893	ng	99
29) 2,4-Dichlorophenol	8.201	162	529038	45.702	ng	98
30) 1,2,4-Trichlorobenzene	8.284	180	569661	45.955	ng	99
31) Naphthalene	8.372	128	1701423	41.495	ng	99
32) Benzoic acid	8.107	122	445010m	46.110	ng	
33) 4-Chloroaniline	8.407	127	73973	4.068	ng	99
34) Hexachlorobutadiene	8.484	225	329344	47.260	ng	99
35) Caprolactam	8.801	113	178879m	45.327	ng	
36) 4-Chloro-3-methylphenol	8.889	107	566783	45.448	ng	97
37) 2-Methylnaphthalene	9.066	142	1151487	41.460	ng	99
38) 1-Methylnaphthalene	9.166	142	1078384	41.781	ng	99
40) 1,2,4,5-Tetrachloroben...	9.231	216	532943	44.669	ng	99
41) Hexachlorocyclopentadiene	9.213	237	687600	98.781	ng	99
43) 2,4,6-Trichlorophenol	9.336	196	393581	46.149	ng	100

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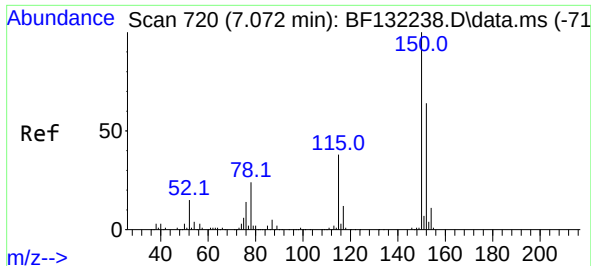
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.378	196	415022	42.279	ng	100
46) 1,1'-Biphenyl	9.531	154	1389055	42.498	ng	97
47) 2-Chloronaphthalene	9.554	162	1085514	43.604	ng	98
48) 2-Nitroaniline	9.648	65	279763	37.786	ng	86
49) Acenaphthylene	9.978	152	1706853	42.010	ng	99
50) Dimethylphthalate	9.831	163	1301441	43.884	ng	99
51) 2,6-Dinitrotoluene	9.889	165	305335	46.099	ng	91
52) Acenaphthene	10.148	154	1200383	47.191	ng	99
53) 3-Nitroaniline	10.060	138	136831	17.035	ng	93
54) 2,4-Dinitrophenol	10.166	184	348243	90.124	ng	95
55) Dibenzofuran	10.325	168	1493144	41.778	ng	99
56) 4-Nitrophenol	10.219	139	503428	83.289	ng	94
57) 2,4-Dinitrotoluene	10.301	165	398076	46.267	ng	# 85
58) Fluorene	10.666	166	1150527	41.829	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.436	232	333701	46.631	ng	98
60) Diethylphthalate	10.531	149	1299112	44.034	ng	98
61) 4-Chlorophenyl-phenyle...	10.654	204	569867	43.656	ng	98
62) 4-Nitroaniline	10.683	138	303026	39.341	ng	96
63) Azobenzene	10.813	77	1309987	45.584	ng	96
65) 4,6-Dinitro-2-methylph...	10.707	198	221996	50.876	ng	98
66) n-Nitrosodiphenylamine	10.772	169	1017594	42.269	ng	99
67) 4-Bromophenyl-phenylether	11.148	248	368849	46.852	ng	99
68) Hexachlorobenzene	11.213	284	416528	49.501	ng	99
69) Atrazine	11.295	200	351236	50.723	ng	97
70) Pentachlorophenol	11.407	266	453766	78.485	ng	99
71) Phenanthrene	11.636	178	1699179	42.294	ng	99
72) Anthracene	11.689	178	1699312	41.562	ng	99
73) Carbazole	11.842	167	1497362	40.844	ng	99
74) Di-n-butylphthalate	12.160	149	1991789	45.956	ng	99
75) Fluoranthene	12.836	202	1677735	40.923	ng	97
77) Benzidine	12.948	184	488839	36.829	ng	98
78) Pyrene	13.066	202	1658488	54.312	ng	99
80) Butylbenzylphthalate	13.672	149	754720	55.941	ng	98
81) Benzo(a)anthracene	14.260	228	1210569	45.589	ng	99
82) 3,3'-Dichlorobenzidine	14.219	252	133278	15.759	ng	97
83) Chrysene	14.301	228	1101591	44.304	ng	99
84) Bis(2-ethylhexyl)phtha...	14.230	149	1066243	58.470	ng	100
85) Di-n-octyl phthalate	14.866	149	1453862	48.880	ng	97
87) Indeno(1,2,3-cd)pyrene	17.501	276	1249357	50.513	ng	97
88) Benzo(b)fluoranthene	15.377	252	1106552	46.768	ng	98
89) Benzo(k)fluoranthene	15.413	252	965276	42.740	ng	98
90) Benzo(a)pyrene	15.783	252	928705	42.151	ng	100
91) Dibenzo(a,h)anthracene	17.518	278	1022972	51.444	ng	98
92) Benzo(g,h,i)perylene	18.001	276	1018704	49.588	ng	98

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



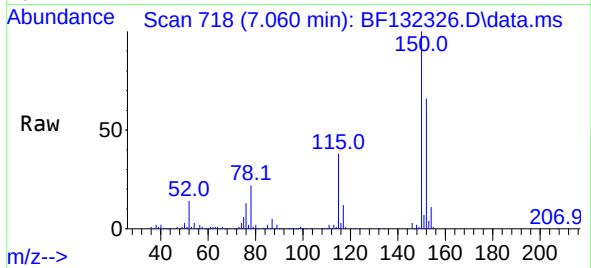
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.060 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

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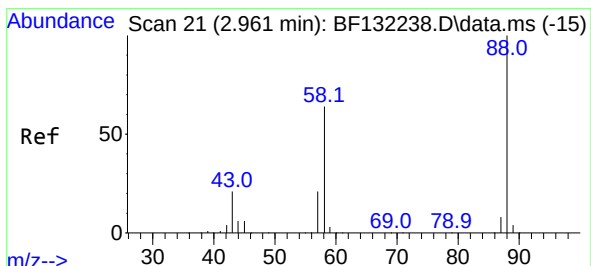
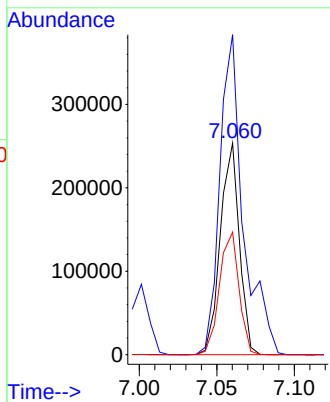
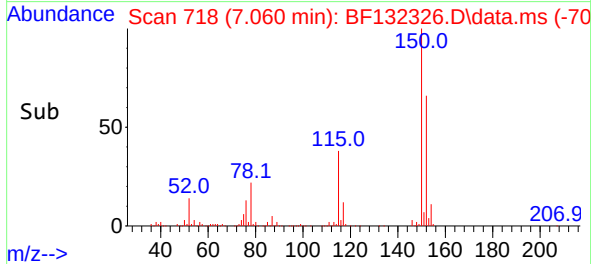


Tgt Ion:152 Resp: 216700
Ion Ratio Lower Upper
152 100
150 151.3 124.2 186.2
115 58.0 47.3 70.9

Manual Integrations

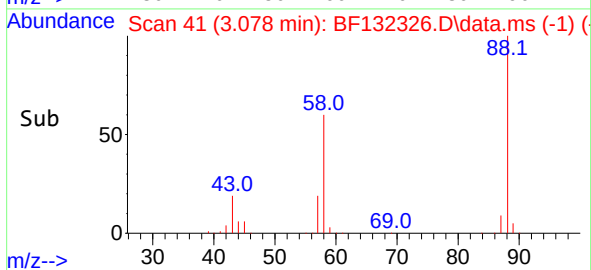
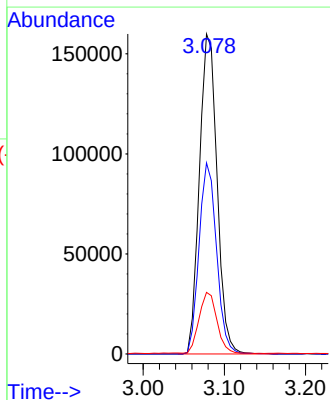
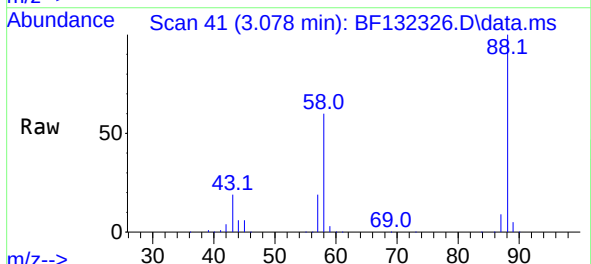
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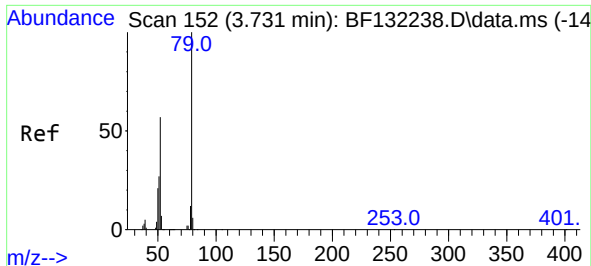
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#2
1,4-Dioxane
Concen: 38.070 ng
RT: 3.078 min Scan# 41
Delta R.T. 0.088 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion: 88 Resp: 241493
Ion Ratio Lower Upper
88 100
58 59.2 50.2 75.2
43 19.6 16.9 25.3





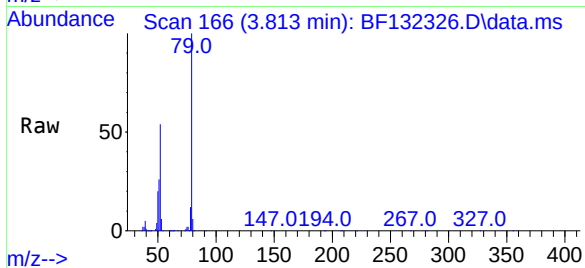
#3
Pyridine
Concen: 34.714 ng
RT: 3.813 min Scan# 10
Delta R.T. 0.065 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

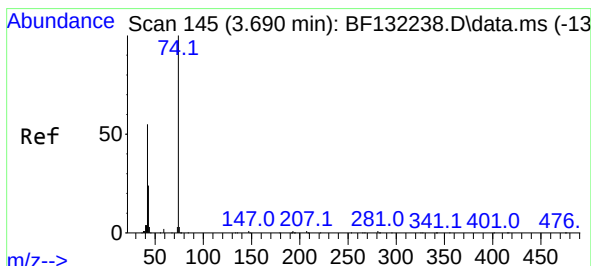
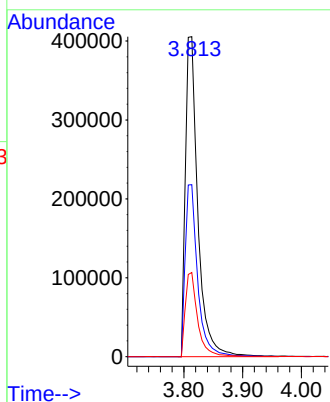
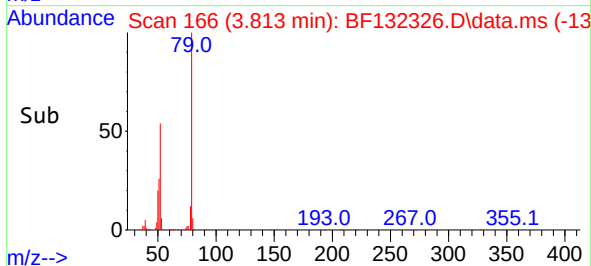


Tgt Ion: 79 Resp: 597398
Ion Ratio Lower Upper
79 100
52 53.7 45.6 68.4
51 26.3 21.5 32.3

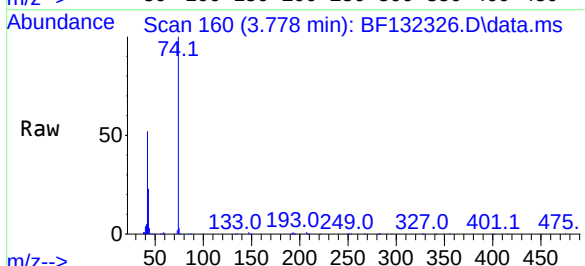
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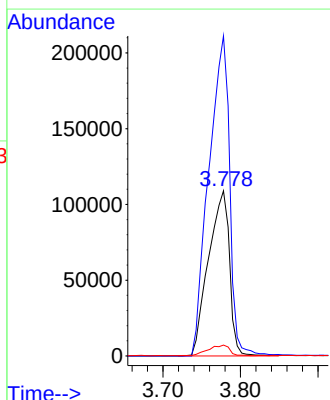
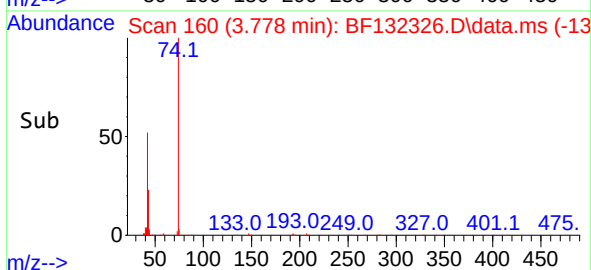
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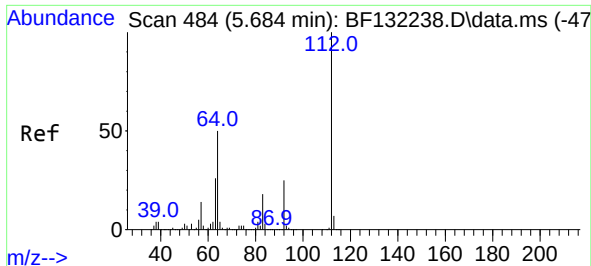


#4
n-Nitrosodimethylamine
Concen: 37.332 ng
RT: 3.778 min Scan# 160
Delta R.T. 0.059 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



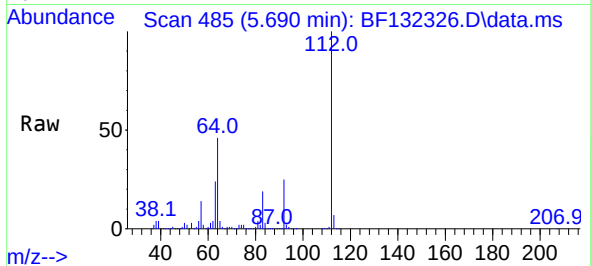
Tgt Ion: 42 Resp: 205572
Ion Ratio Lower Upper
42 100
74 193.8 144.6 217.0
44 6.6 5.1 7.7





#5
2-Fluorophenol
Concen: 86.307 ng
RT: 5.690 min Scan# 484
Delta R.T. 0.012 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

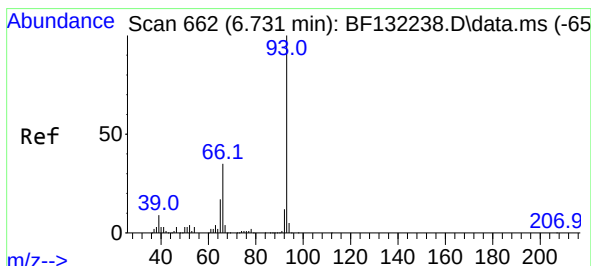
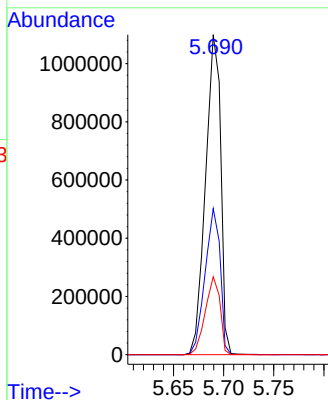
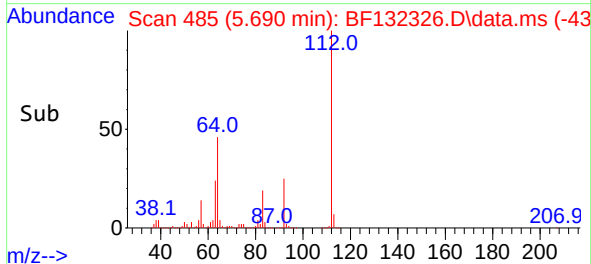
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 112 Resp: 1163530
Ion Ratio Lower Upper
112 100
64 45.7 40.0 60.0
63 24.4 20.5 30.7

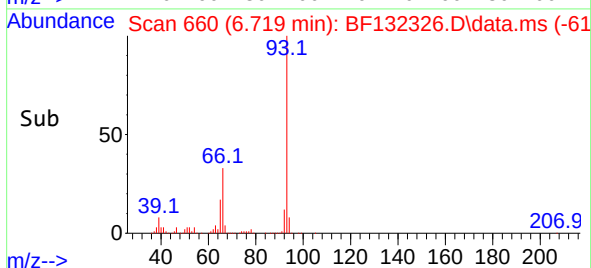
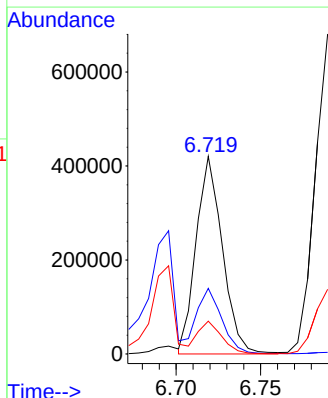
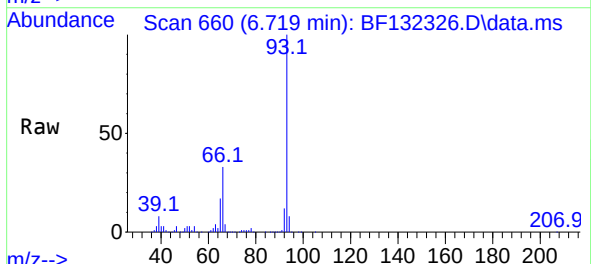
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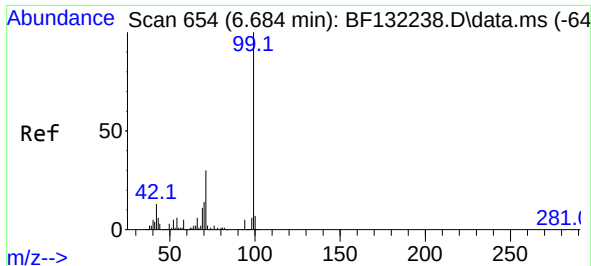
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#6
Aniline
Concen: 20.295 ng m
RT: 6.719 min Scan# 660
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

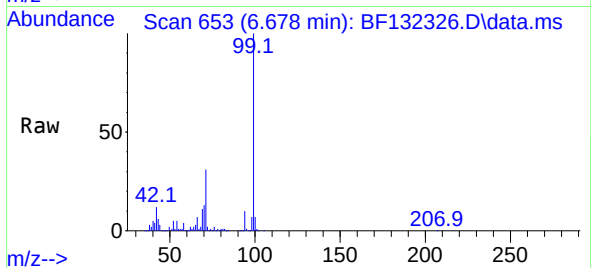
Tgt Ion: 93 Resp: 457733
Ion Ratio Lower Upper
93 100
66 33.2 28.8 43.2
65 16.6 14.2 21.4





#7
Phenol-d6
Concen: 87.756 ng
RT: 6.678 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

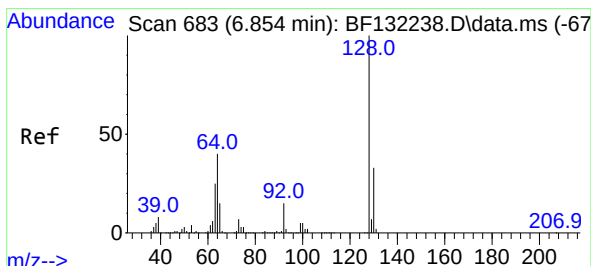
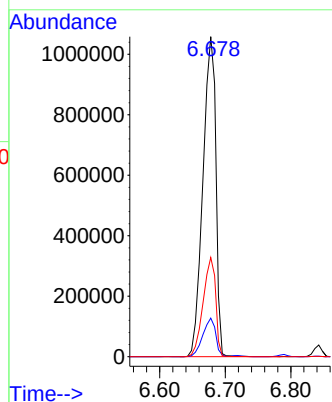
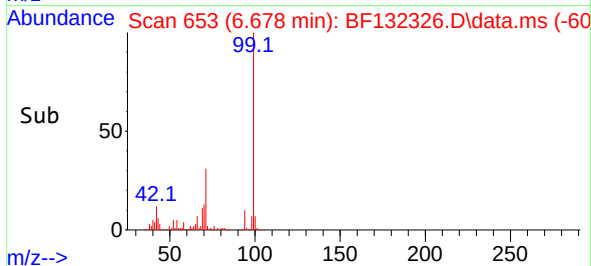
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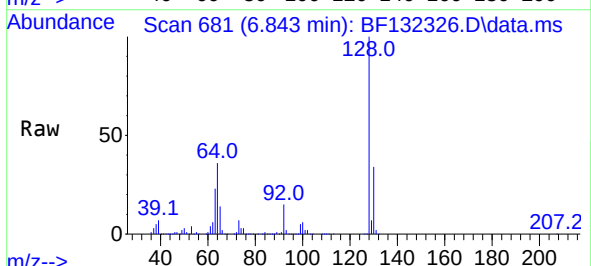
Tgt Ion: 99 Resp: 145856
Ion Ratio Lower Upper
99 100
42 12.1 10.1 15.1
71 31.0 24.2 36.4

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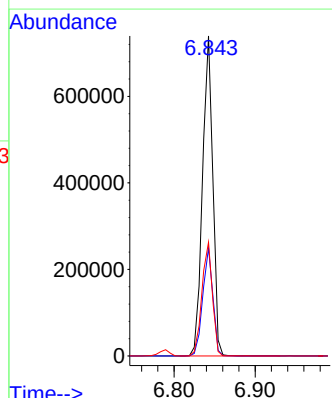
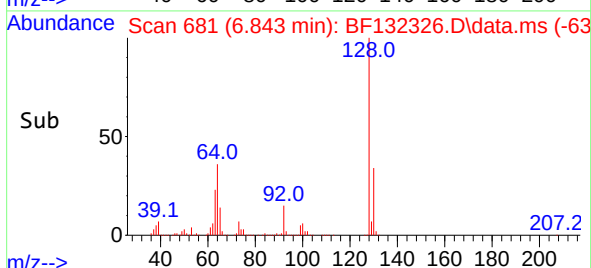
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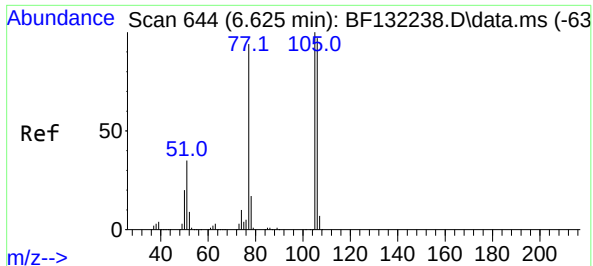


#8
2-Chlorophenol
Concen: 46.708 ng
RT: 6.843 min Scan# 681
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



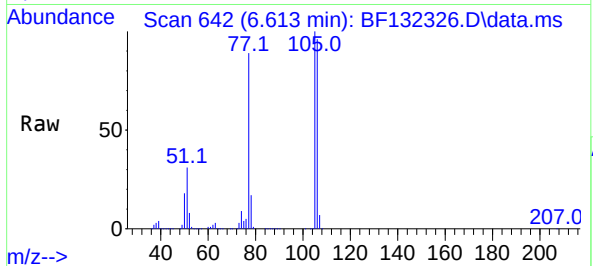
Tgt Ion:128 Resp: 652176
Ion Ratio Lower Upper
128 100
130 33.8 13.3 53.3
64 35.6 20.1 60.1





#9
Benzaldehyde
Concen: 41.347 ng
RT: 6.613 min Scan# 644
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

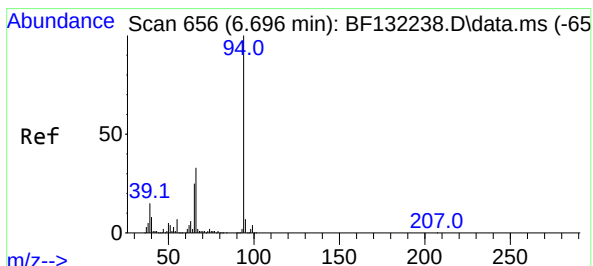
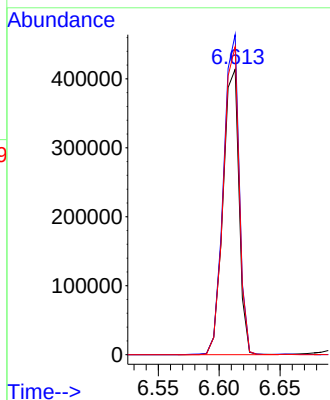
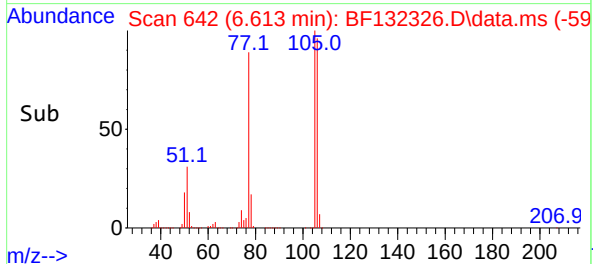
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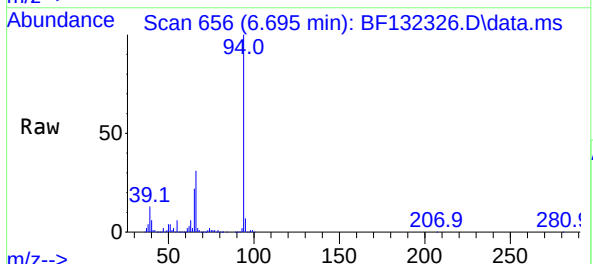
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Ion Ratio Lower Upper
77 100
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106 107.9 83.8 123.8

Manual Integrations
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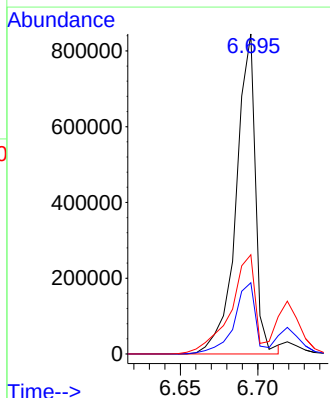
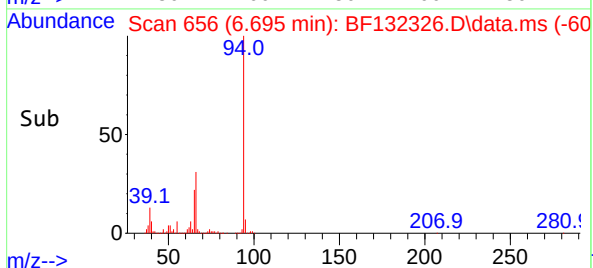
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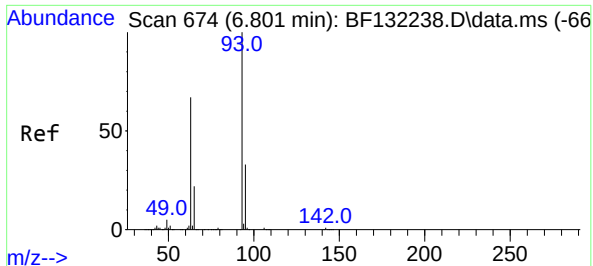


#10
Phenol
Concen: 42.678 ng
RT: 6.695 min Scan# 656
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



Tgt Ion: 94 Resp: 734189
Ion Ratio Lower Upper
94 100
65 22.2 5.1 45.1
66 31.0 13.0 53.0





#11
bis(2-Chloroethyl)ether
Concen: 42.492 ng
RT: 6.790 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

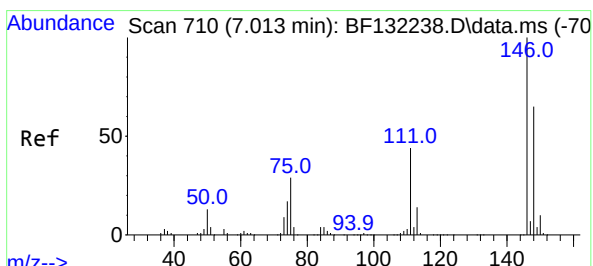
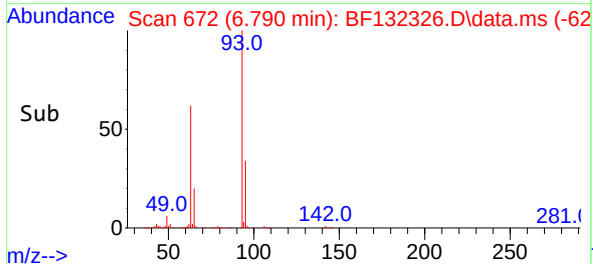
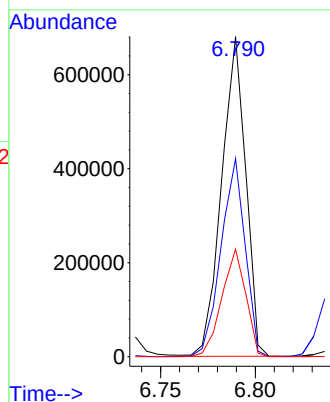
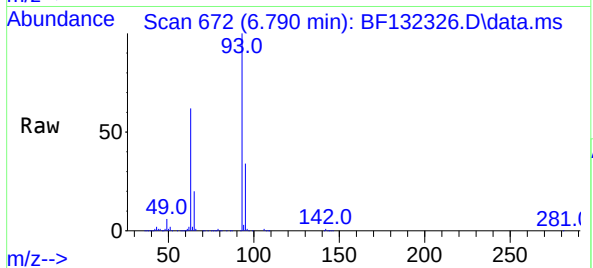
4-RAMP-EMS

Tgt Ion: 93 Resp: 60160
Ion Ratio Lower Upper
93 100
63 61.9 46.7 86.7
95 33.6 13.4 53.4

Manual Integrations

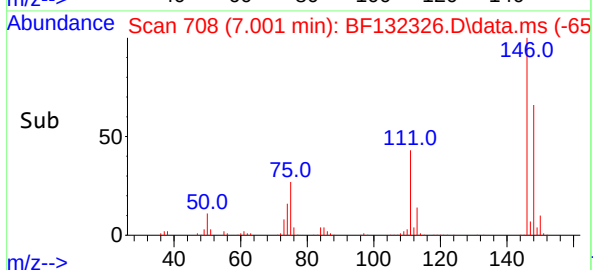
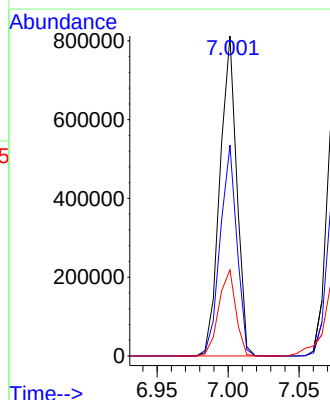
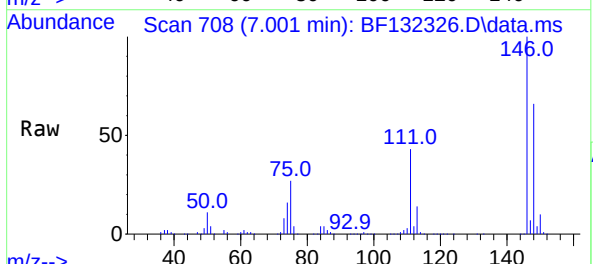
APPROVED

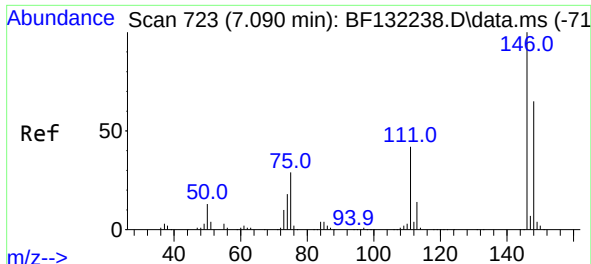
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#12
1,3-Dichlorobenzene
Concen: 45.298 ng
RT: 7.001 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

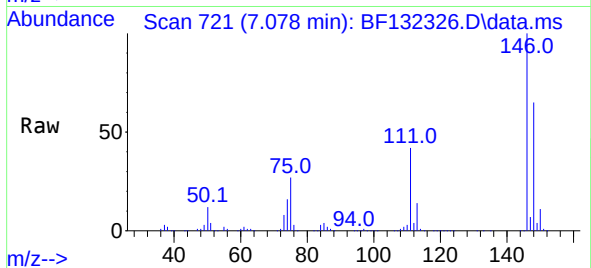
Tgt Ion:146 Resp: 668956
Ion Ratio Lower Upper
146 100
148 65.8 51.8 77.8
75 26.9 23.5 35.3





#13
1,4-Dichlorobenzene
Concen: 45.668 ng
RT: 7.078 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

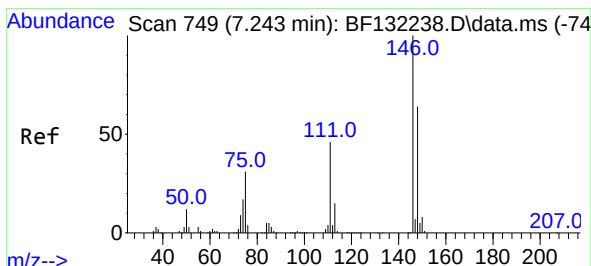
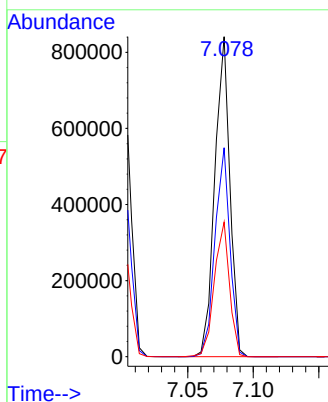
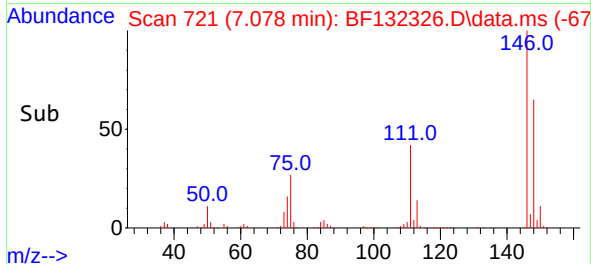
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS



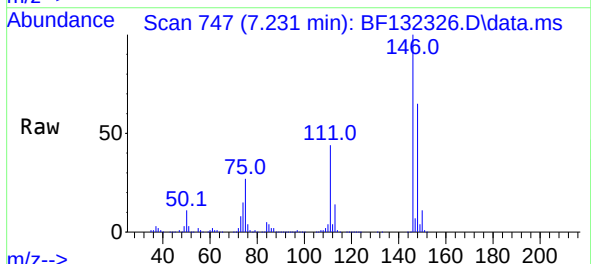
Tgt Ion:146 Resp: 67319
Ion Ratio Lower Upper
146 100
148 65.3 52.4 78.6
111 42.1 34.0 51.0

Manual Integrations
APPROVED

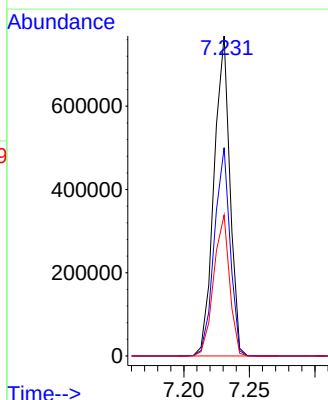
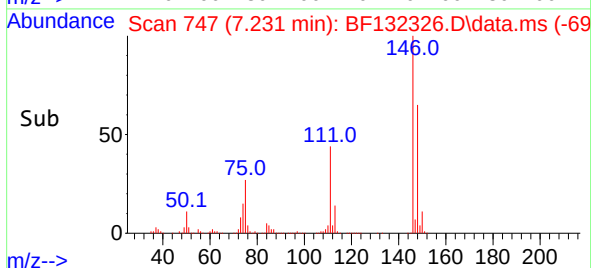
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

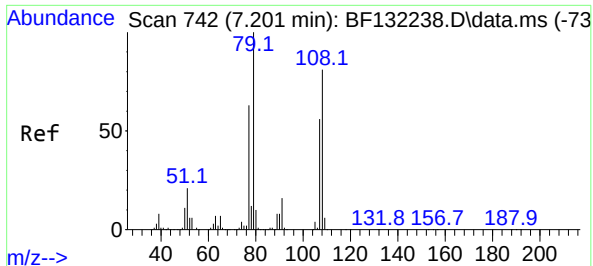


#14
1,2-Dichlorobenzene
Concen: 47.062 ng
RT: 7.231 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



Tgt Ion:146 Resp: 646978
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.0
111 44.1 37.1 55.7





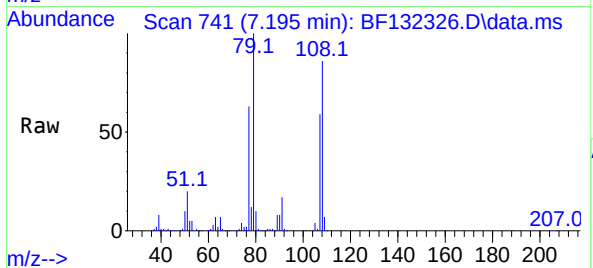
#15
Benzyl Alcohol
Concen: 41.948 ng
RT: 7.195 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

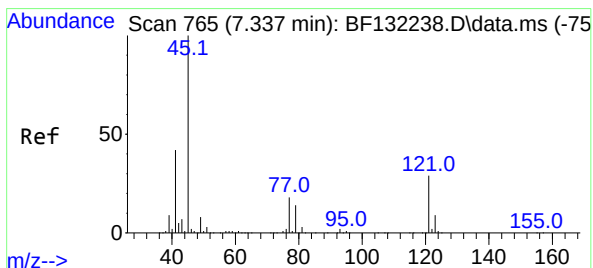
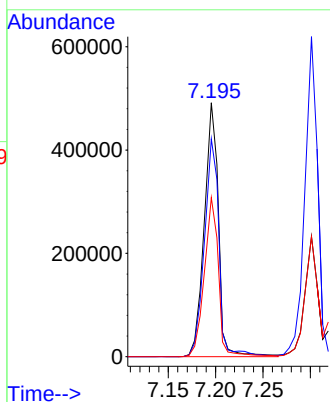
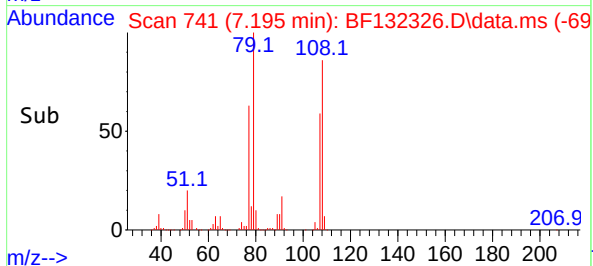


Tgt Ion: 79 Resp: 508734
Ion Ratio Lower Upper
79 100
108 85.8 64.6 97.0
77 62.6 50.1 75.1

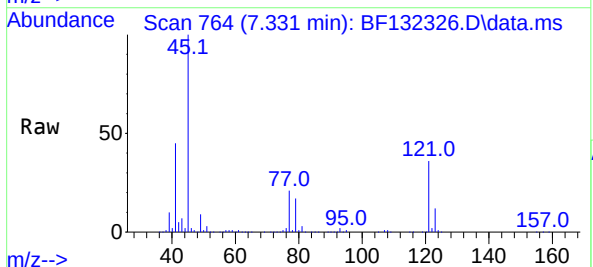
Manual Integrations

APPROVED

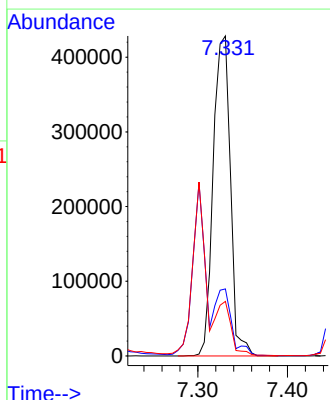
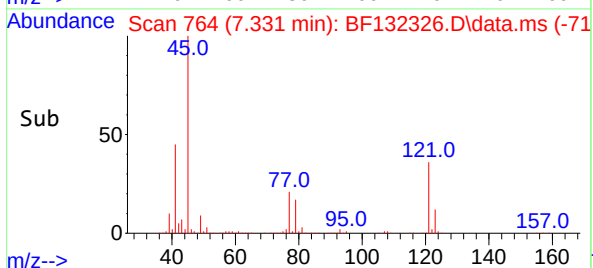
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

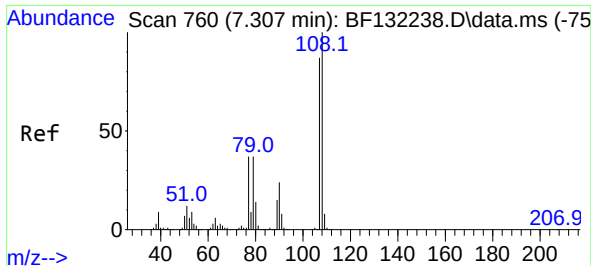


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.113 ng
RT: 7.331 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



Tgt Ion: 45 Resp: 568518
Ion Ratio Lower Upper
45 100
77 21.0 0.0 38.0
79 17.1 0.0 33.8





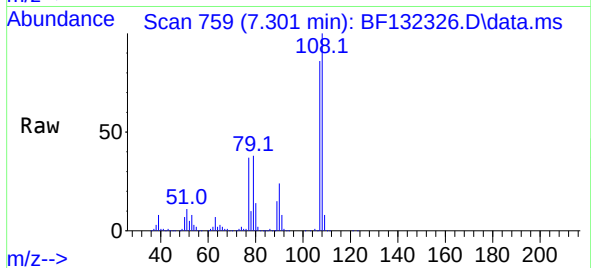
#17
2-Methylphenol
Concen: 41.523 ng
RT: 7.301 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

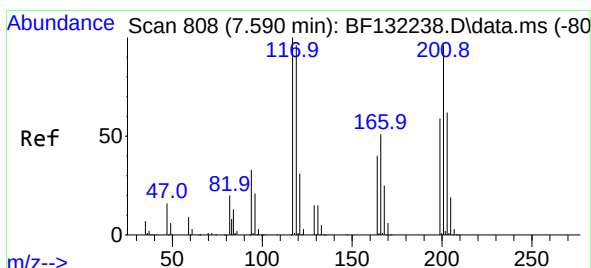
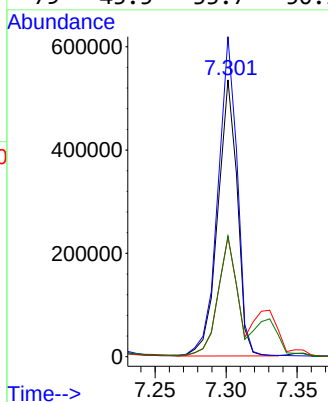
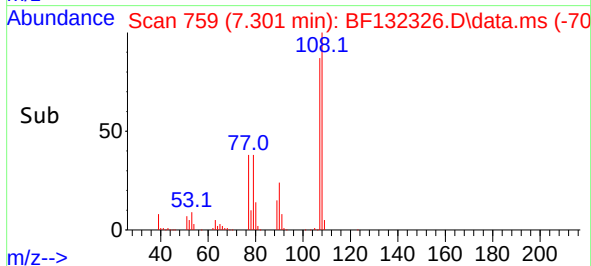


Tgt Ion:107 Resp: 50751
Ion Ratio Lower Upper
107 100
108 115.6 91.8 137.6
77 43.3 34.2 51.2
79 43.5 33.7 50.5

Manual Integrations

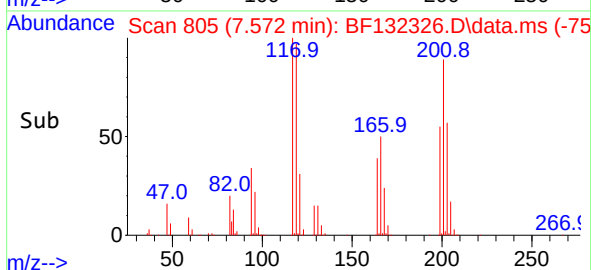
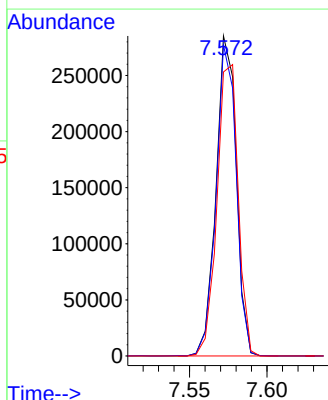
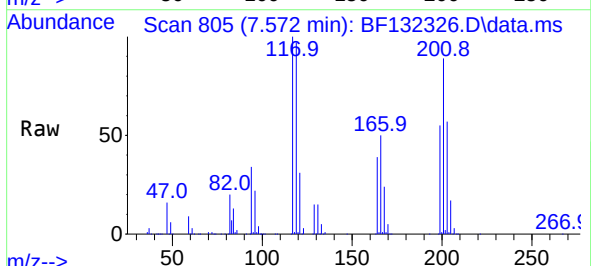
APPROVED

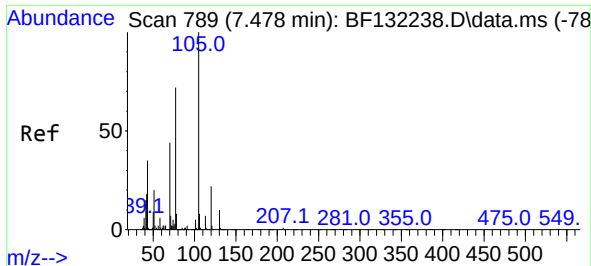
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#18
Hexachloroethane
Concen: 46.967 ng
RT: 7.572 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:117 Resp: 259726
Ion Ratio Lower Upper
117 100
119 97.2 76.7 115.1
201 88.8 76.6 114.8





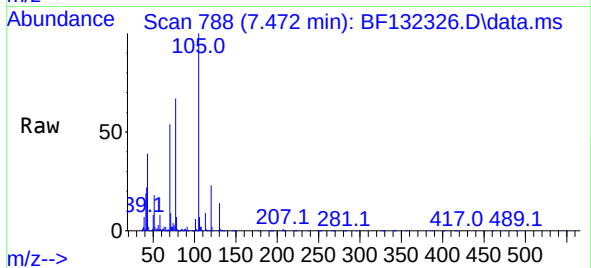
#19
n-Nitroso-di-n-propylamine
Concen: 37.472 ng
RT: 7.472 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

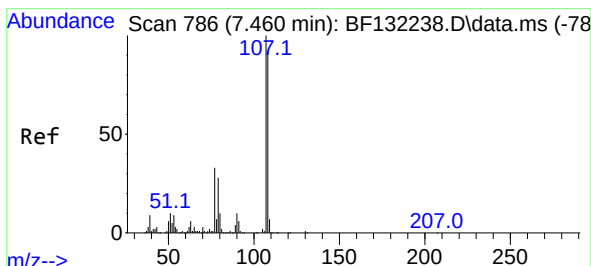
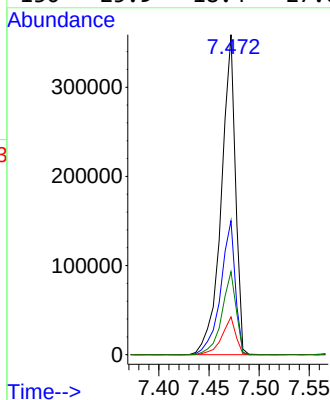
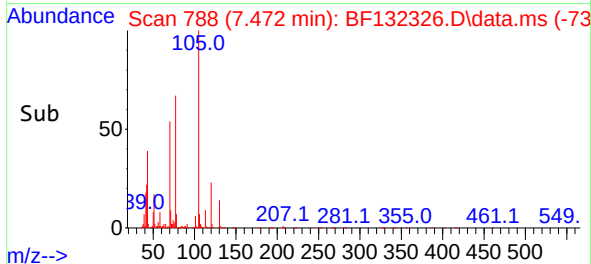


Tgt Ion: 70 Resp: 353764
Ion Ratio Lower Upper
70 100
42 41.8 33.4 50.0
101 11.8 8.2 12.4
130 25.9 18.4 27.6

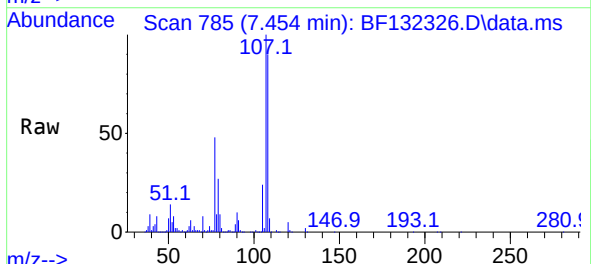
Manual Integrations

APPROVED

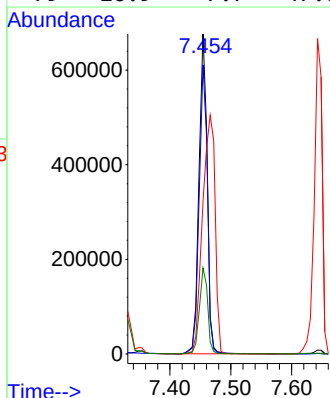
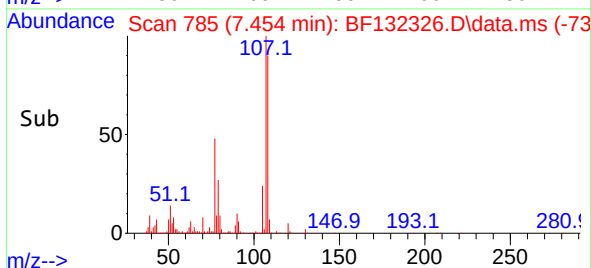
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

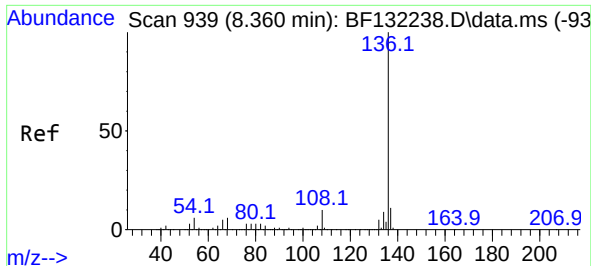


#20
3+4-Methylphenols
Concen: 40.552 ng
RT: 7.454 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



Tgt Ion:107 Resp: 632616
Ion Ratio Lower Upper
107 100
108 90.3 71.6 111.6
77 47.6 13.4 53.4
79 26.9 7.7 47.7





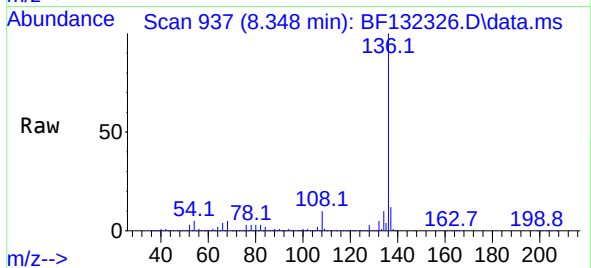
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.348 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

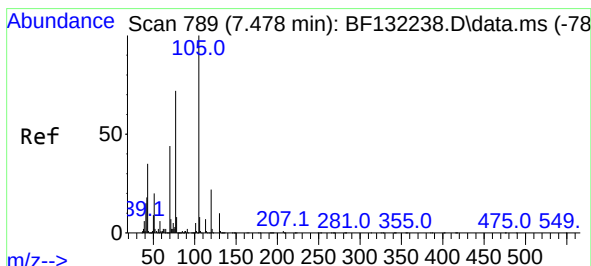
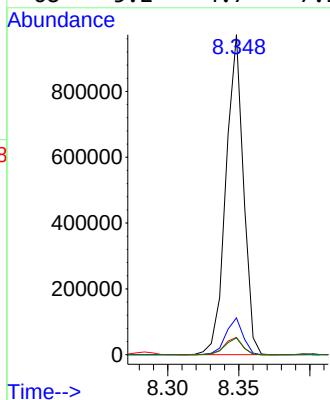
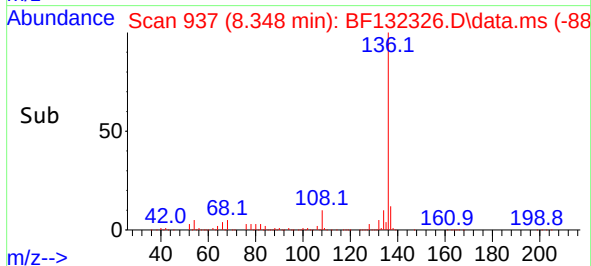


Tgt Ion:136 Resp: 833000
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 5.4 4.9 7.3
68 5.2 4.7 7.1

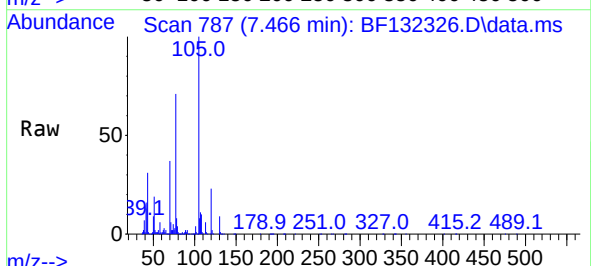
Manual Integrations

APPROVED

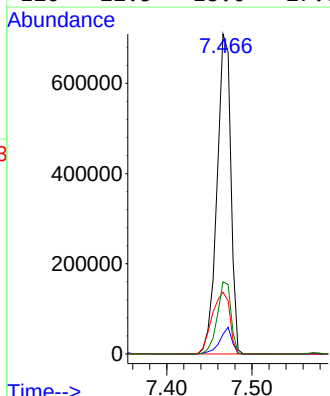
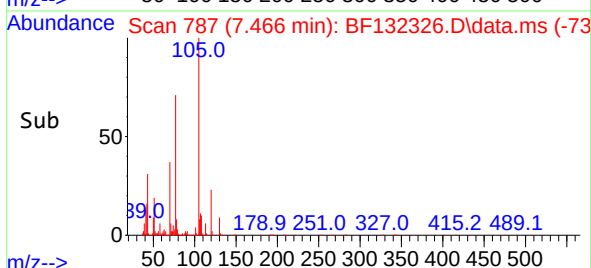
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

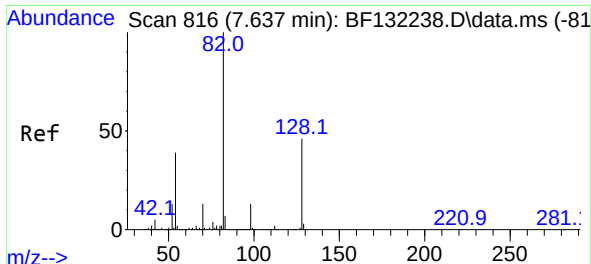


#22
Acetophenone
Concen: 40.625 ng
RT: 7.466 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



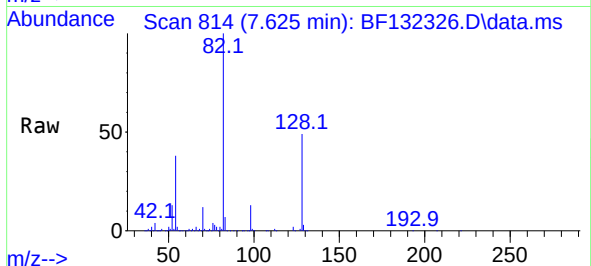
Tgt Ion:105 Resp: 795842
Ion Ratio Lower Upper
105 100
71 6.2 5.8 8.6
51 19.3 16.2 24.2
120 22.5 18.0 27.0





#23
Nitrobenzene-d5
Concen: 58.973 ng
RT: 7.625 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

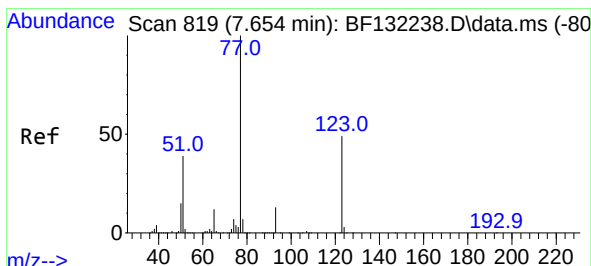
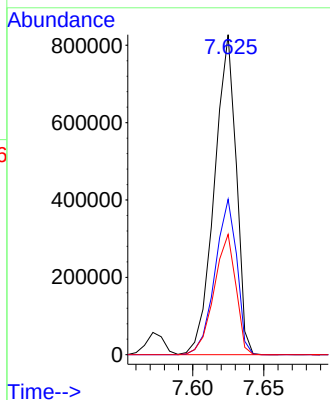
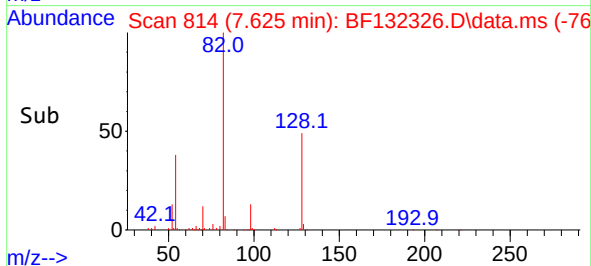
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS



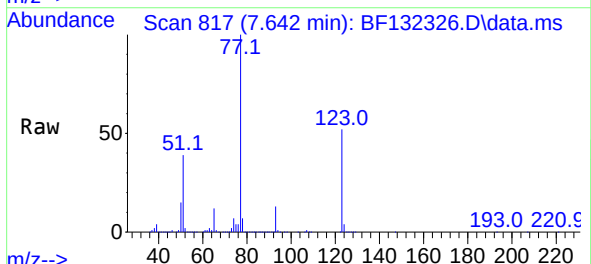
Tgt Ion: 82 Resp: 882789
Ion Ratio Lower Upper
82 100
128 48.6 37.0 55.4
54 37.6 31.5 47.3

Manual Integrations
APPROVED

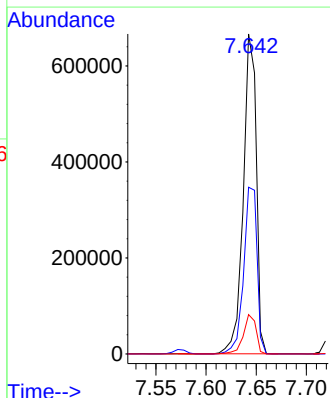
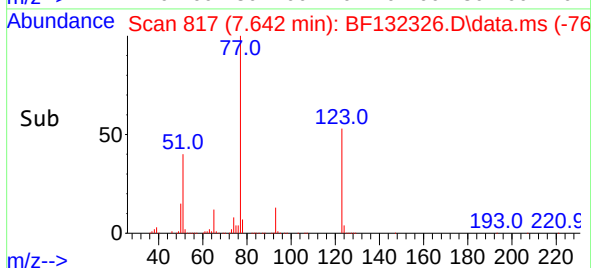
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

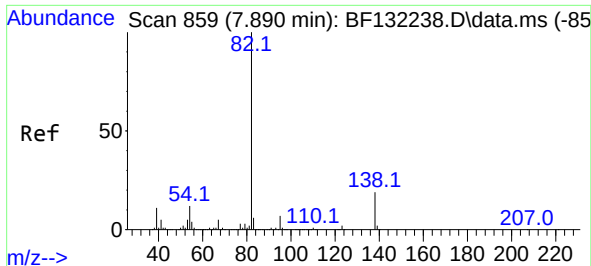


#24
Nitrobenzene
Concen: 39.399 ng
RT: 7.642 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



Tgt Ion: 77 Resp: 602527
Ion Ratio Lower Upper
77 100
123 52.1 39.5 59.3
65 12.3 9.8 14.8





#25
Isophorone
Concen: 41.288 ng
RT: 7.884 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

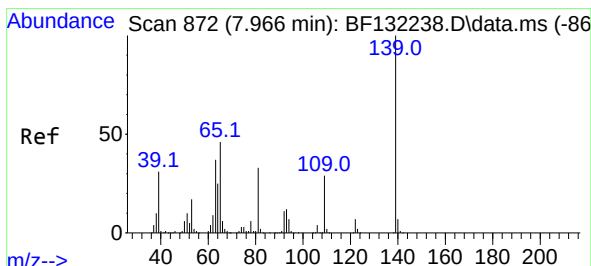
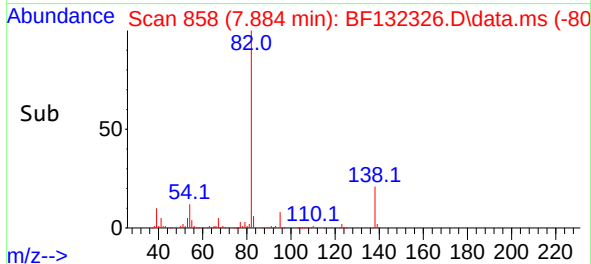
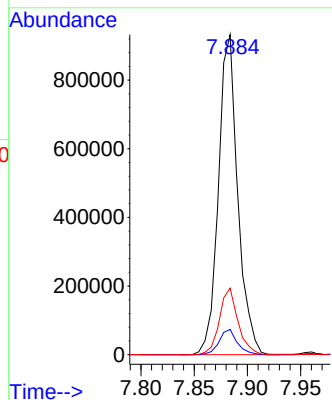
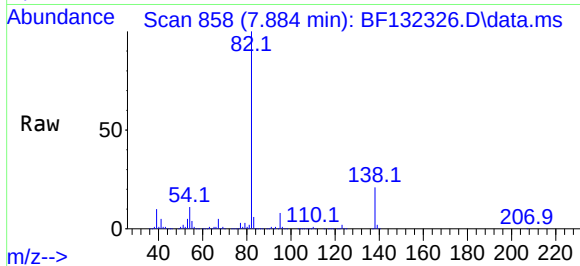
4-RAMP-EMS

Tgt Ion: 82 Resp: 1173070
Ion Ratio Lower Upper
82 100
95 7.9 5.6 8.4
138 20.8 15.0 22.6

Manual Integrations

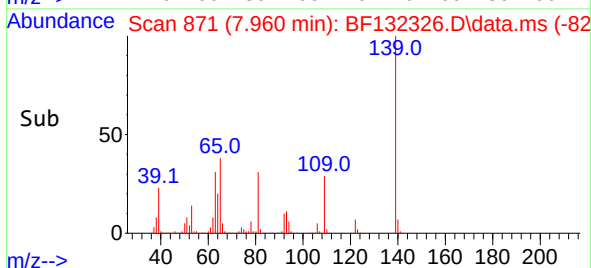
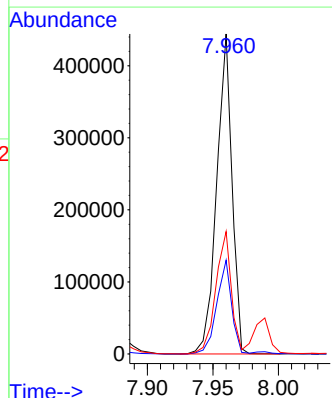
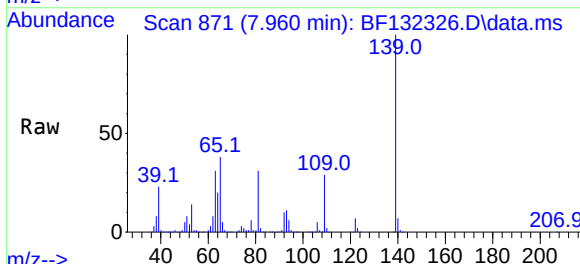
APPROVED

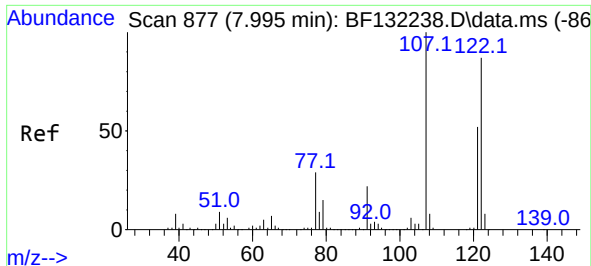
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#26
2-Nitrophenol
Concen: 48.403 ng
RT: 7.960 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:139 Resp: 360554
Ion Ratio Lower Upper
139 100
109 29.3 23.0 34.6
65 38.3 36.6 55.0





#27
2,4-Dimethylphenol
Concen: 45.177 ng
RT: 7.990 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

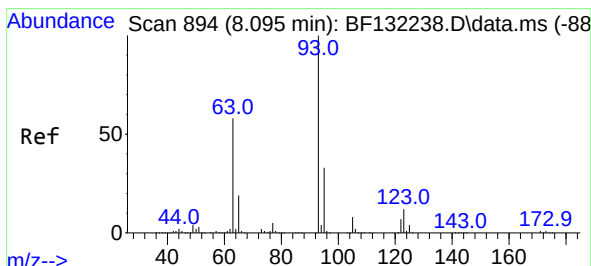
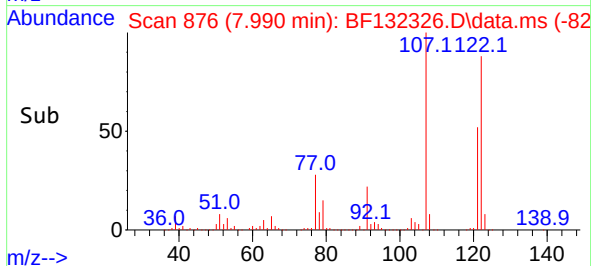
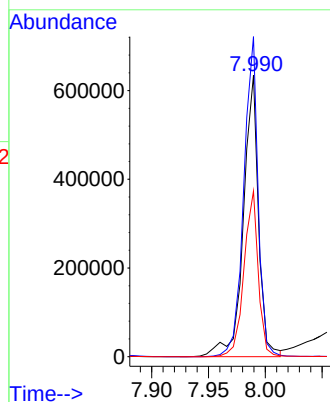
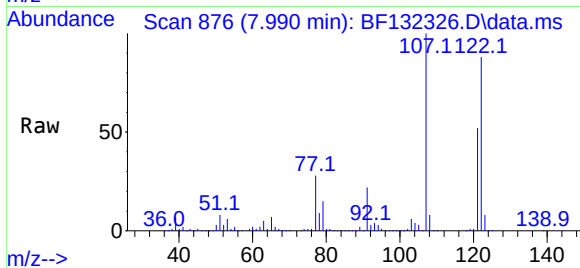
4-RAMP-EMS

Tgt Ion:122 Resp: 589034
Ion Ratio Lower Upper
122 100
107 113.8 91.9 137.9
121 58.9 47.8 71.8

Manual Integrations

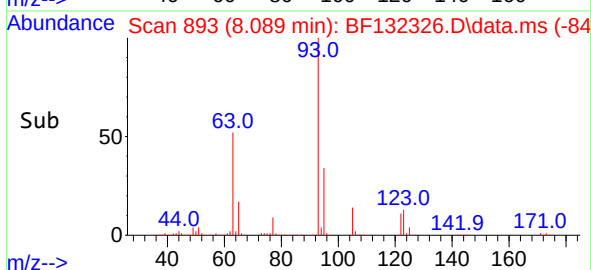
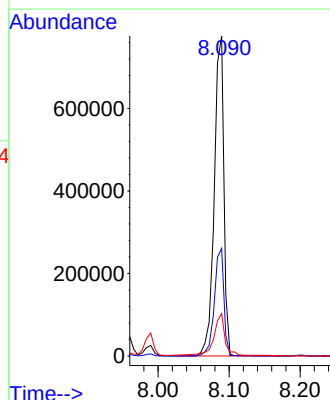
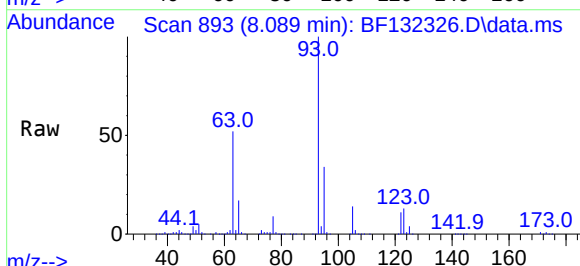
APPROVED

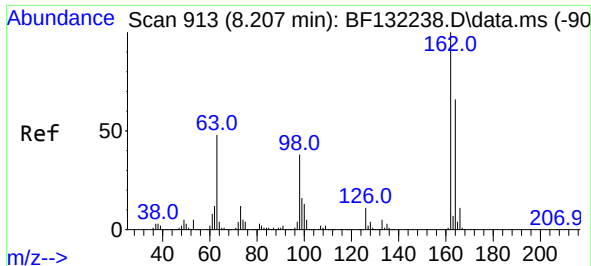
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.893 ng
RT: 8.089 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion: 93 Resp: 731442
Ion Ratio Lower Upper
93 100
95 33.6 26.6 40.0
123 13.3 9.5 14.3





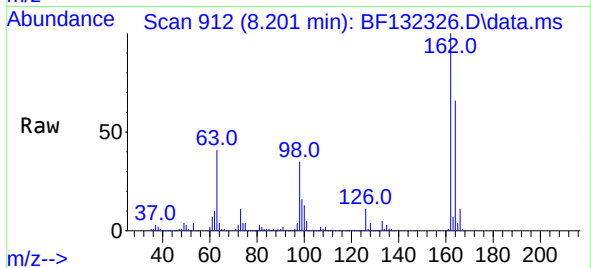
#29
2,4-Dichlorophenol
Concen: 45.702 ng
RT: 8.201 min Scan# 913
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

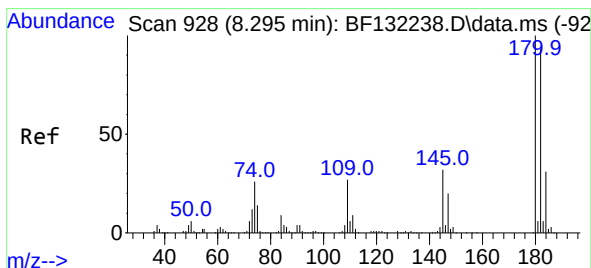
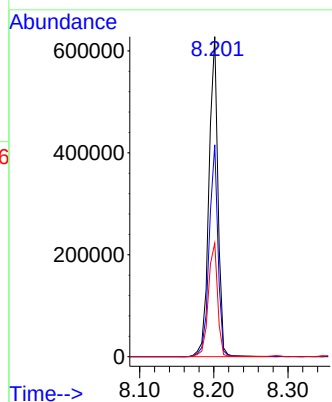
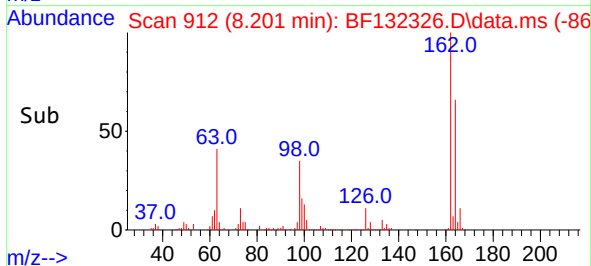


Tgt Ion:162 Resp: 529038
Ion Ratio Lower Upper
162 100
164 66.2 46.4 86.4
98 35.5 17.8 57.8

Manual Integrations

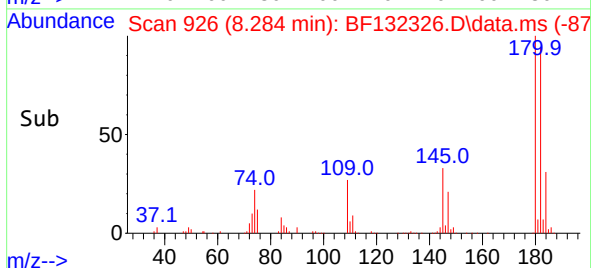
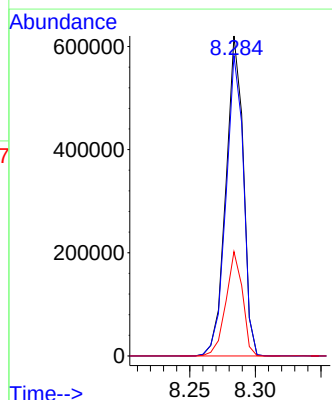
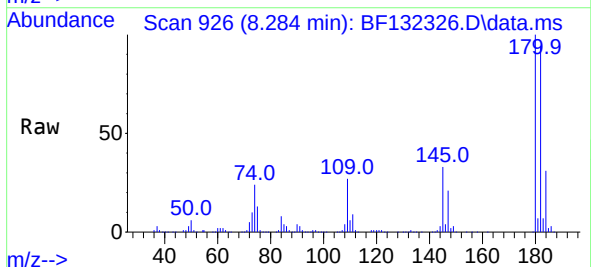
APPROVED

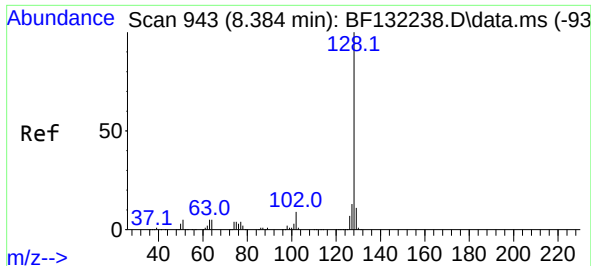
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#30
1,2,4-Trichlorobenzene
Concen: 45.955 ng
RT: 8.284 min Scan# 926
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

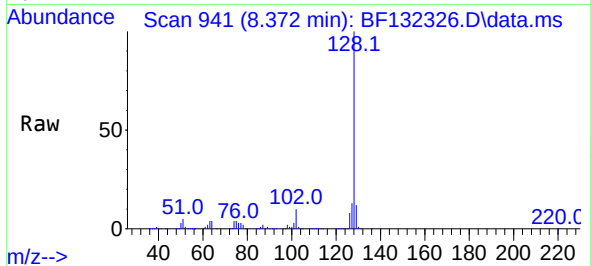
Tgt Ion:180 Resp: 569661
Ion Ratio Lower Upper
180 100
182 94.0 74.6 112.0
145 32.6 25.3 37.9





#31
Naphthalene
Concen: 41.495 ng
RT: 8.372 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

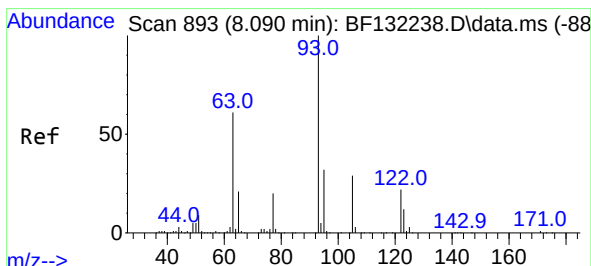
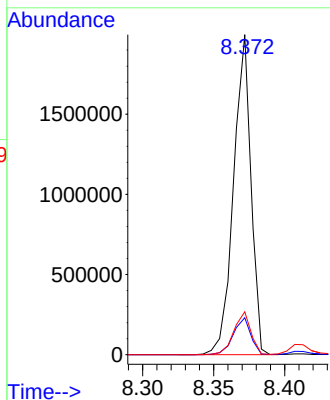
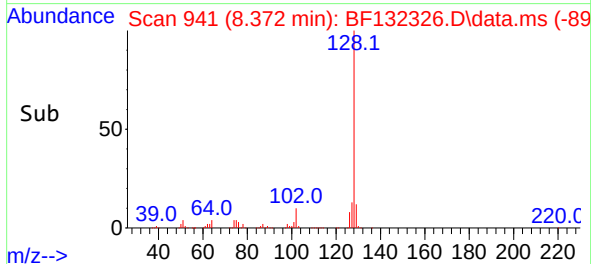
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS



Tgt Ion:128 Resp: 170142
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.4 10.5 15.7

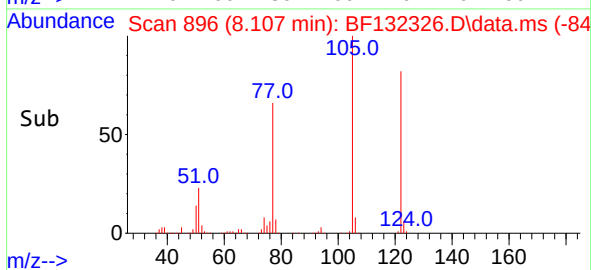
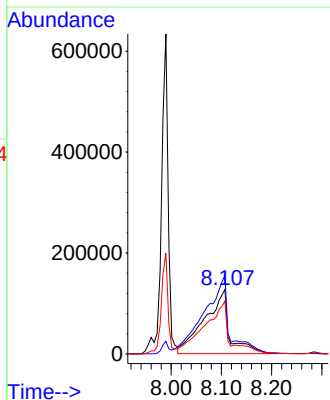
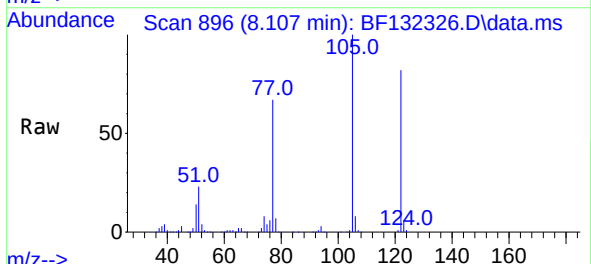
Manual Integrations
APPROVED

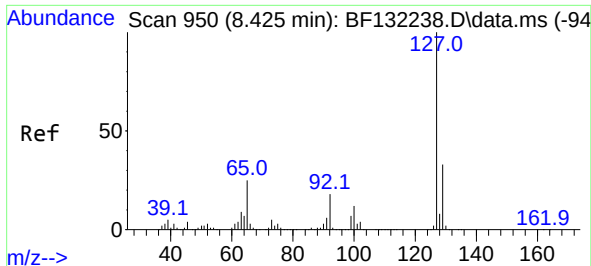
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#32
Benzoic acid
Concen: 46.110 ng m
RT: 8.107 min Scan# 896
Delta R.T. 0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:122 Resp: 445010
Ion Ratio Lower Upper
122 100
105 122.4 106.3 146.3
77 82.0 70.6 110.6





#33
4-Chloroaniline
Concen: 4.068 ng
RT: 8.407 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

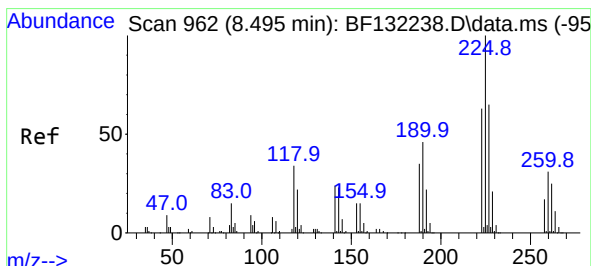
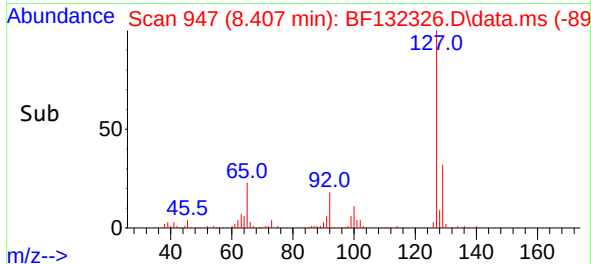
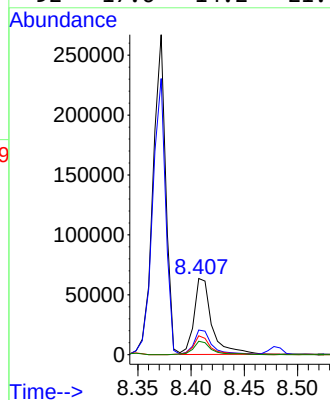
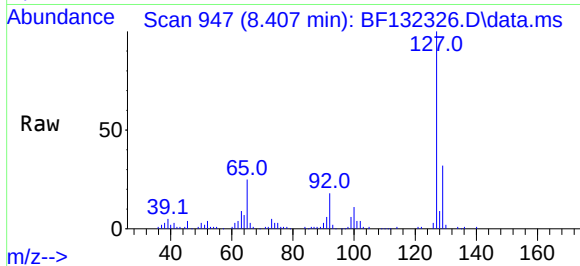
4-RAMP-EMS

Tgt Ion:127 Resp: 7397
Ion Ratio Lower Upper
127 100
129 32.3 26.6 39.8
65 24.7 20.2 30.2
92 17.6 14.2 21.4

Manual Integrations

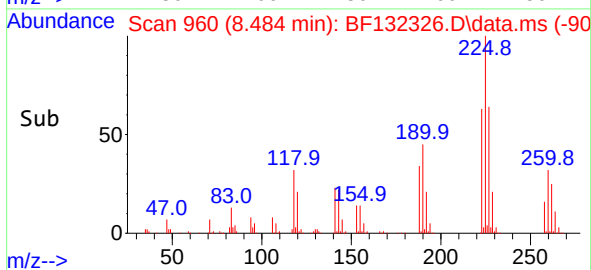
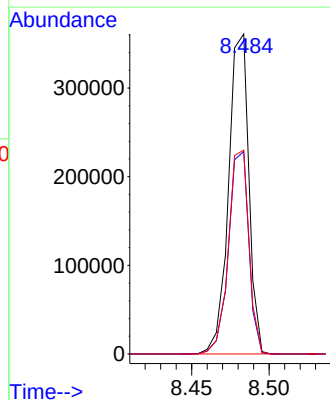
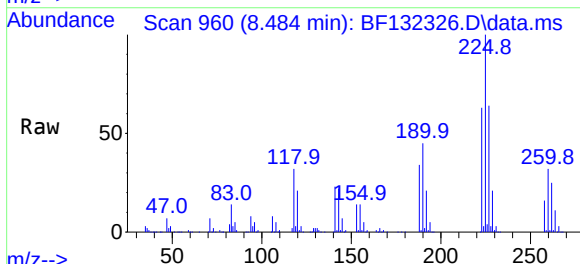
APPROVED

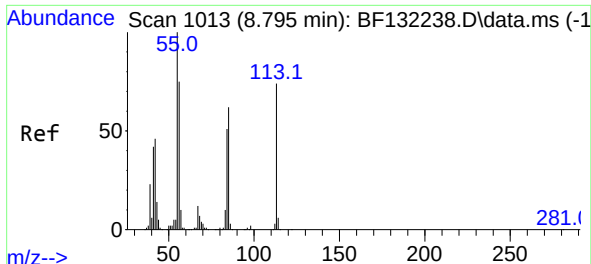
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#34
Hexachlorobutadiene
Concen: 47.260 ng
RT: 8.484 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

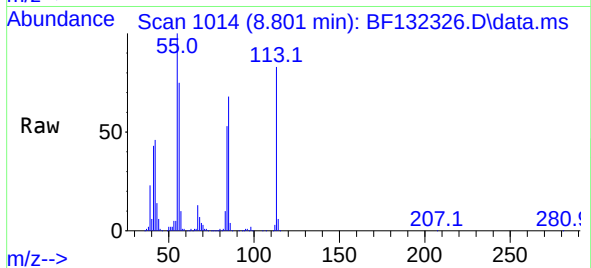
Tgt Ion:225 Resp: 329344
Ion Ratio Lower Upper
225 100
223 63.3 50.6 75.8
227 63.7 51.7 77.5





#35
Caprolactam
Concen: 45.327 ng m
RT: 8.801 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

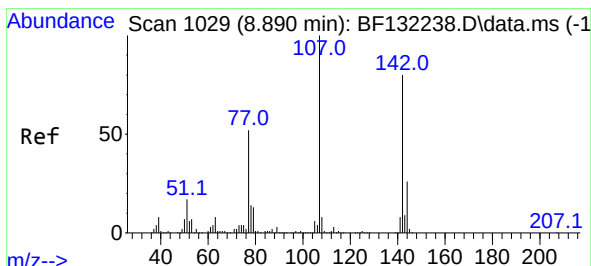
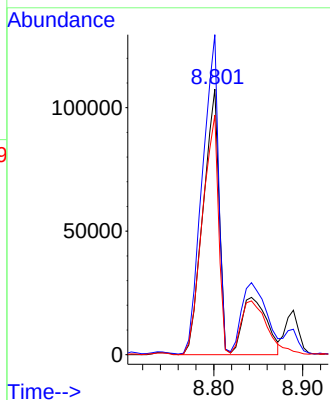
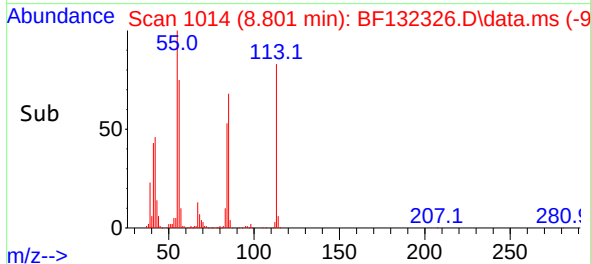
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS



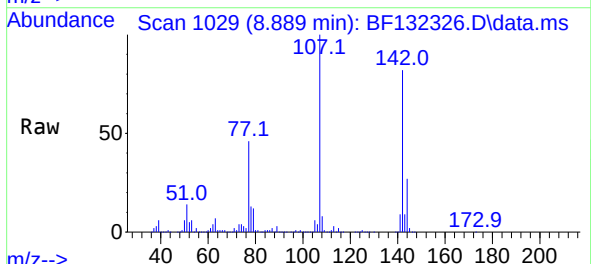
Tgt Ion:113 Resp: 178879
Ion Ratio Lower Upper
113 100
55 120.5 114.7 154.7
56 90.2 81.1 121.1

Manual Integrations
APPROVED

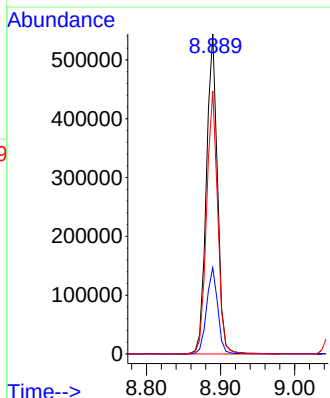
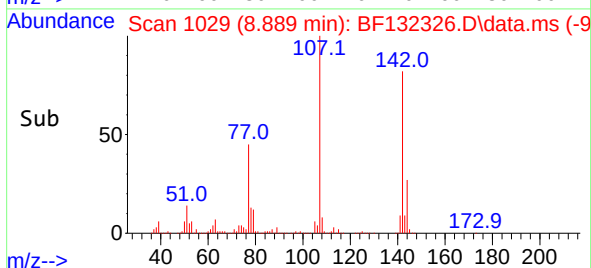
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

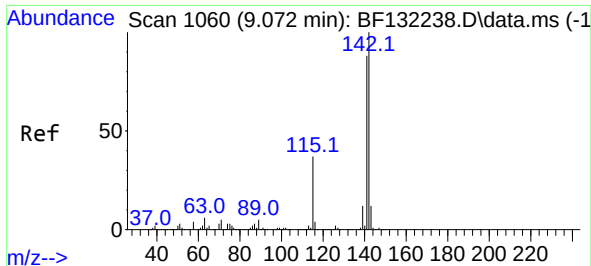


#36
4-Chloro-3-methylphenol
Concen: 45.448 ng
RT: 8.889 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



Tgt Ion:107 Resp: 566783
Ion Ratio Lower Upper
107 100
144 26.9 20.5 30.7
142 82.2 63.6 95.4





#37

2-Methylnaphthalene

Concen: 41.460 ng

RT: 9.066 min Scan# 1059

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

Tgt Ion:142 Resp: 115148

Ion Ratio Lower Upper

142 100

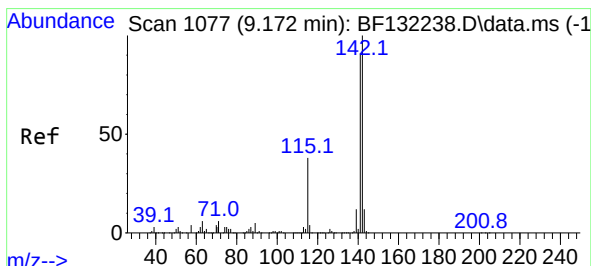
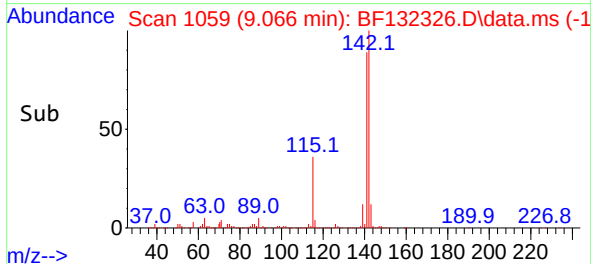
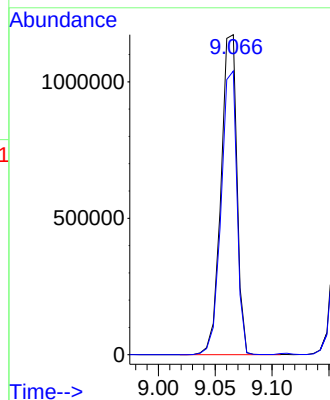
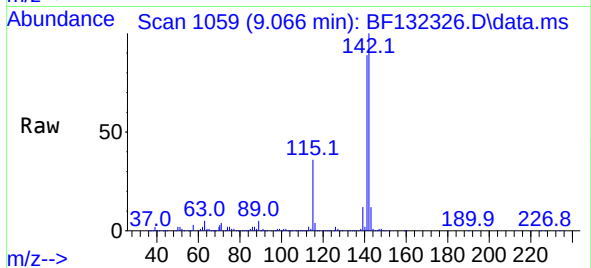
141 88.6 70.1 105.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#38

1-Methylnaphthalene

Concen: 41.781 ng

RT: 9.166 min Scan# 1076

Delta R.T. 0.000 min

Lab File: BF132326.D

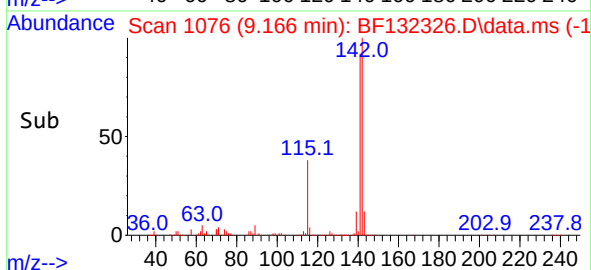
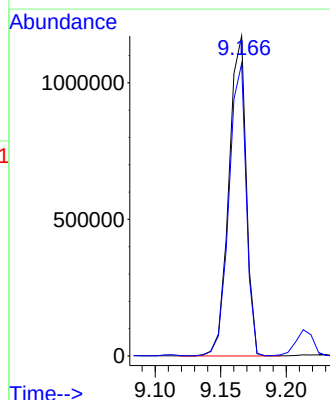
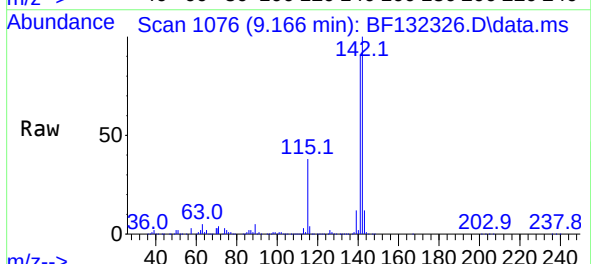
Acq: 03 Feb 2023 17:31

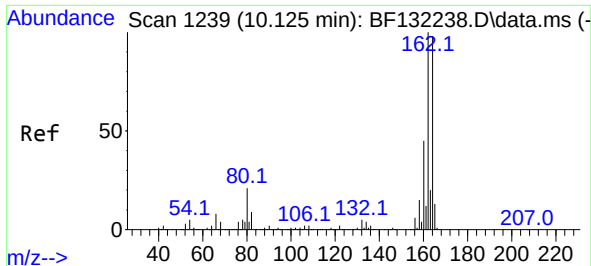
Tgt Ion:142 Resp: 1078384

Ion Ratio Lower Upper

142 100

141 91.3 72.6 108.8





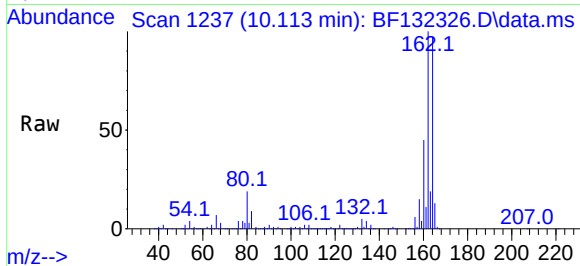
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.113 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

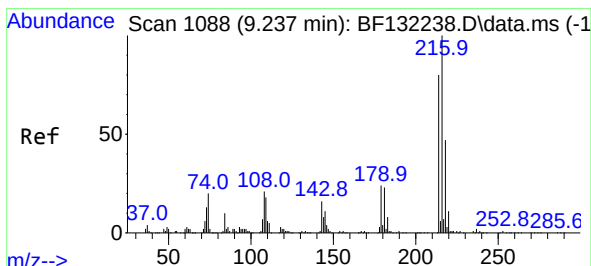
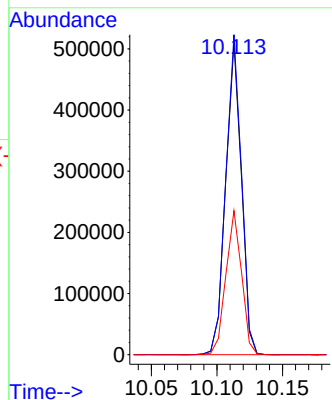
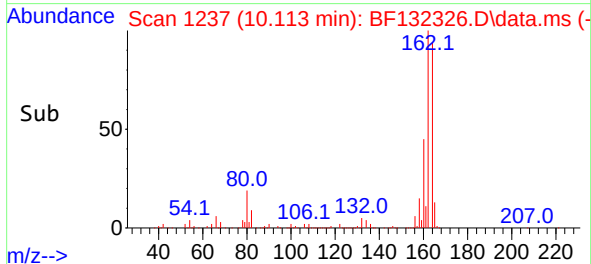


Tgt Ion:164 Resp: 423960
Ion Ratio Lower Upper
164 100
162 102.7 82.0 123.0
160 46.2 37.1 55.7

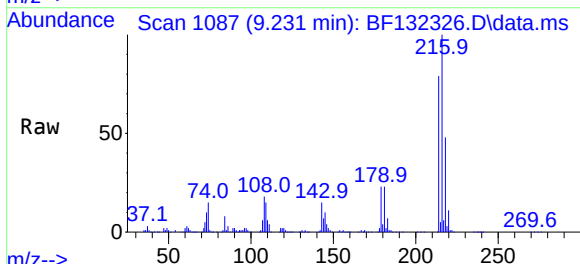
Manual Integrations

APPROVED

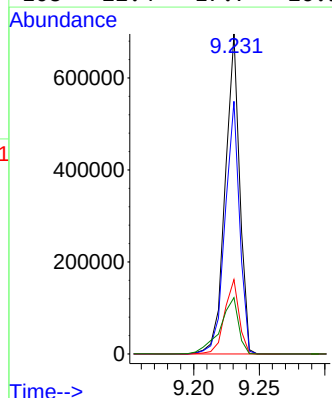
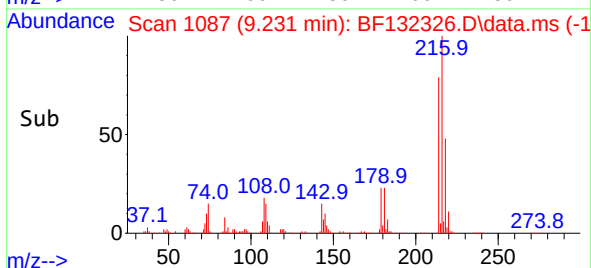
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

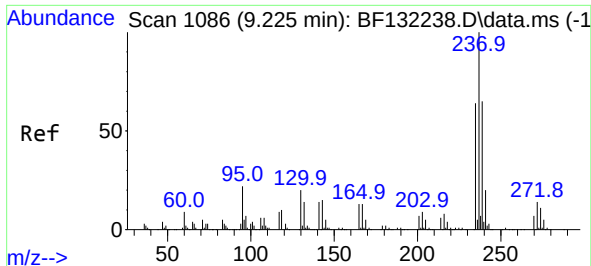


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.669 ng
RT: 9.231 min Scan# 1087
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



Tgt Ion:216 Resp: 532943
Ion Ratio Lower Upper
216 100
214 78.9 63.6 95.4
179 23.1 18.3 27.5
108 22.4 17.7 26.5





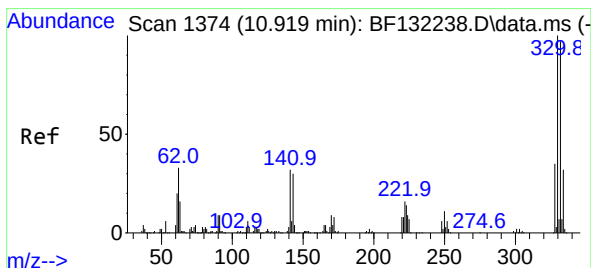
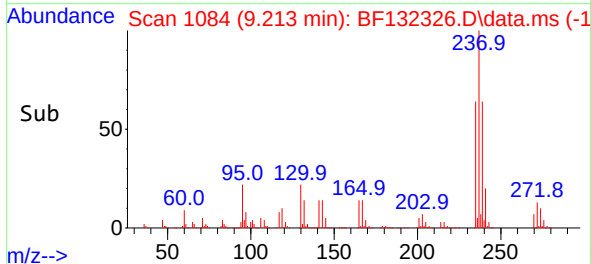
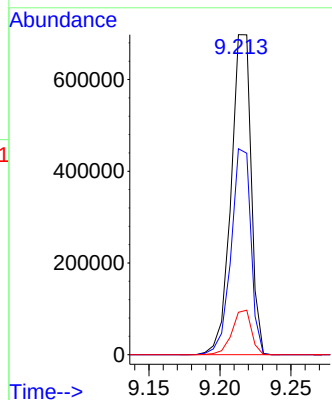
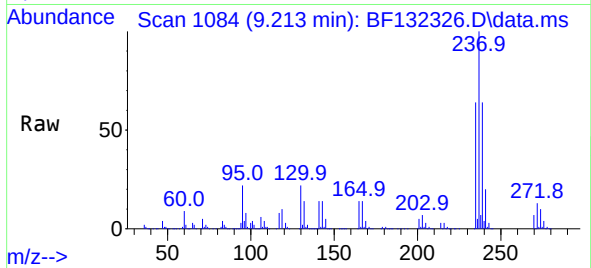
#41
Hexachlorocyclopentadiene
Concen: 98.781 ng
RT: 9.213 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

Tgt Ion:237 Resp: 687600
Ion Ratio Lower Upper
237 100
235 64.4 43.5 83.5
272 13.3 0.0 33.6

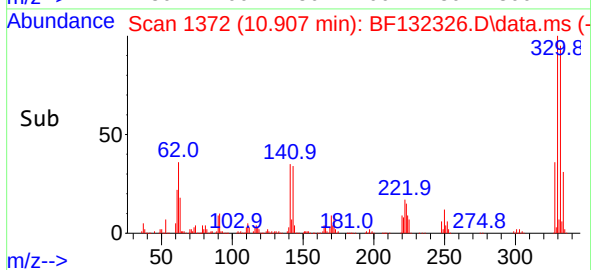
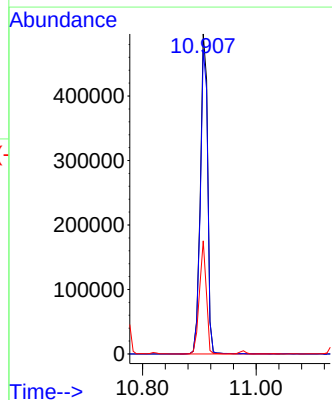
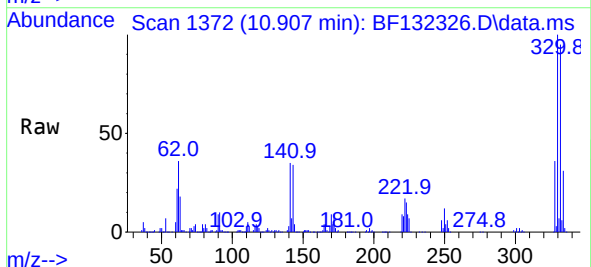
Manual Integrations
APPROVED

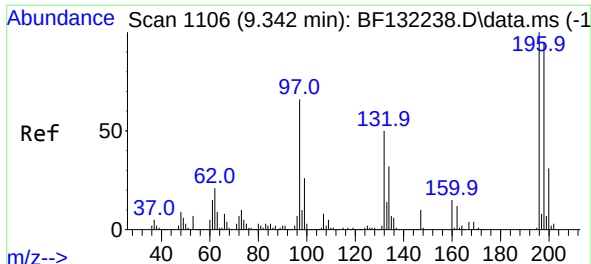
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#42
2,4,6-Tribromophenol
Concen: 102.586 ng
RT: 10.907 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:330 Resp: 447266
Ion Ratio Lower Upper
330 100
332 95.8 77.9 116.9
141 33.3 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 46.149 ng
RT: 9.336 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

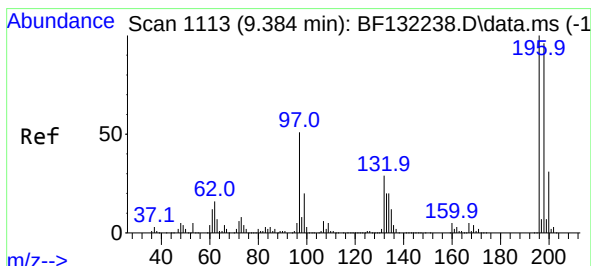
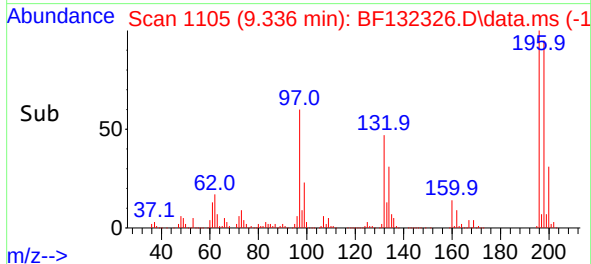
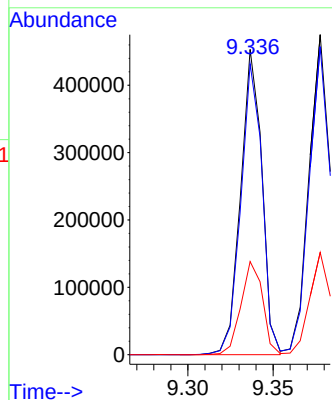
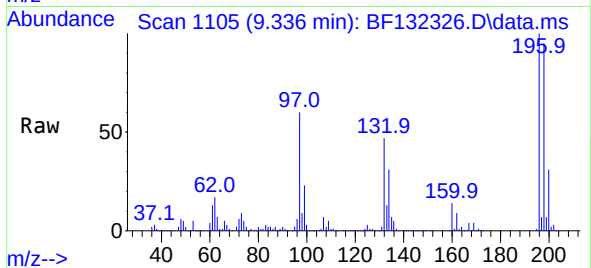
4-RAMP-EMS

Tgt Ion:196 Resp: 39358
Ion Ratio Lower Upper
196 100
198 95.3 75.9 113.9
200 30.5 24.7 37.1

Manual Integrations

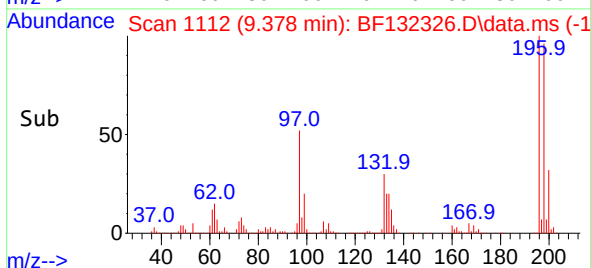
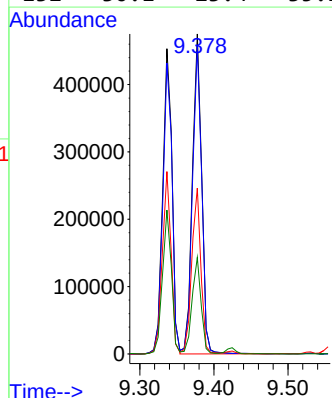
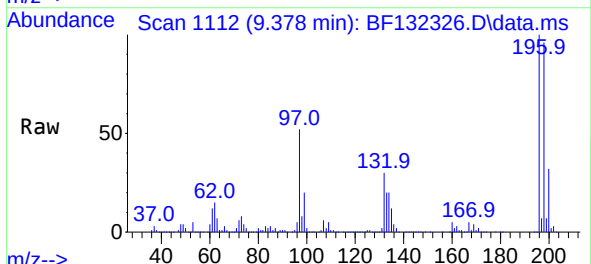
APPROVED

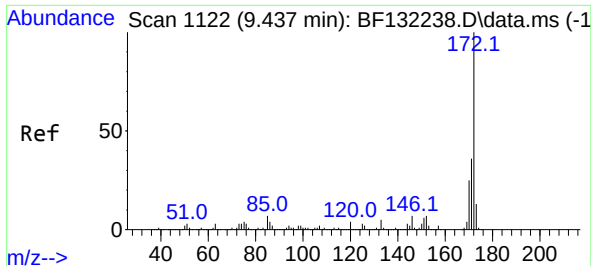
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#44
2,4,5-Trichlorophenol
Concen: 42.279 ng
RT: 9.378 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:196 Resp: 415022
Ion Ratio Lower Upper
196 100
198 96.2 77.0 115.4
97 51.8 41.2 61.8
132 30.1 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 57.682 ng
RT: 9.425 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

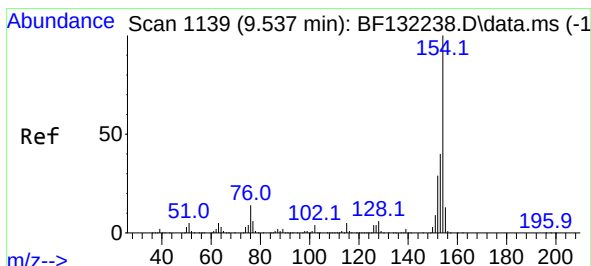
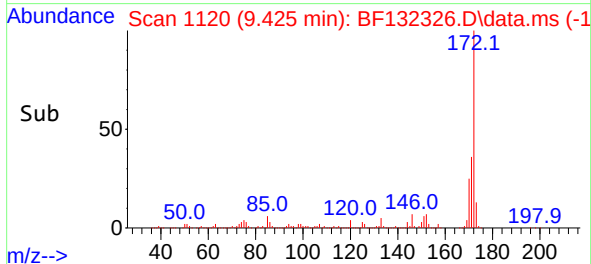
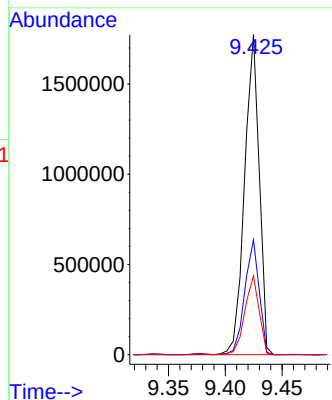
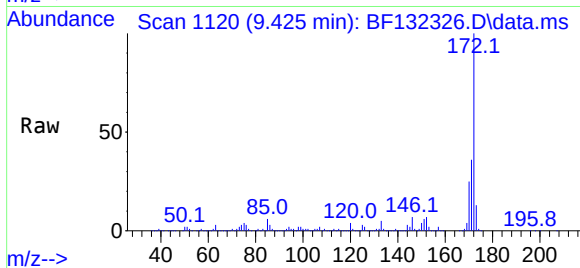
4-RAMP-EMS

Tgt Ion:172 Resp: 1583630
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.7 19.7 29.5

Manual Integrations

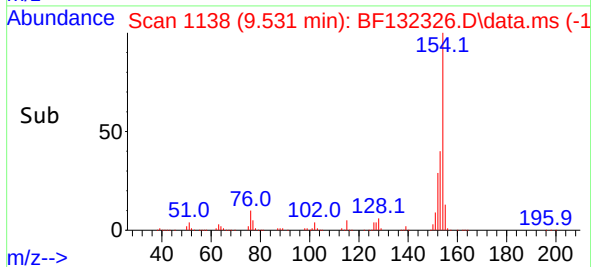
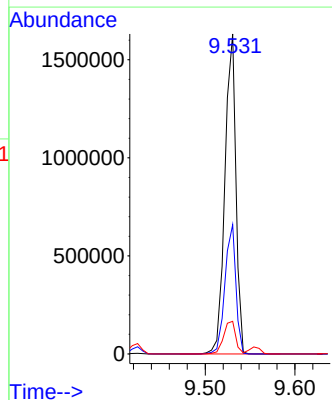
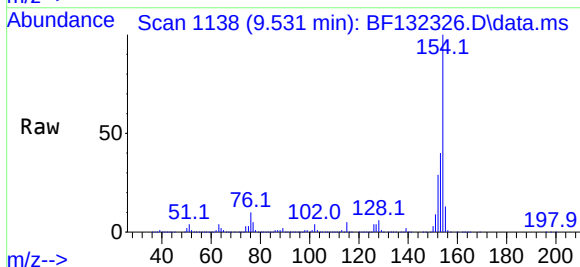
APPROVED

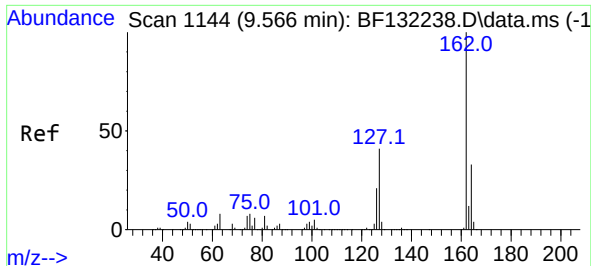
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#46
1,1'-Biphenyl
Concen: 42.498 ng
RT: 9.531 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:154 Resp: 1389055
Ion Ratio Lower Upper
154 100
153 40.4 19.9 59.9
76 10.2 0.0 34.0





#47
2-Chloronaphthalene
Concen: 43.604 ng
RT: 9.554 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

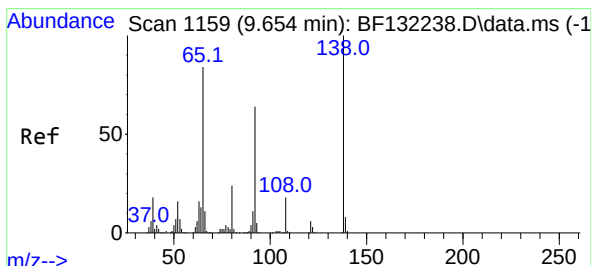
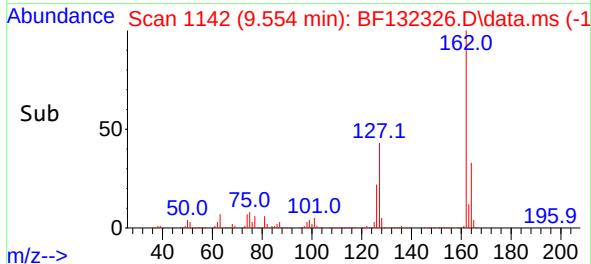
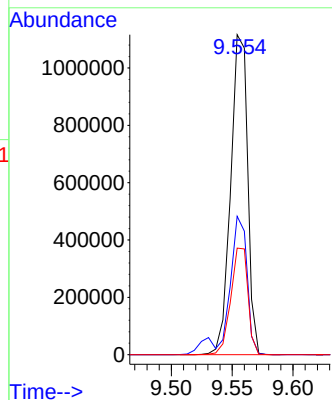
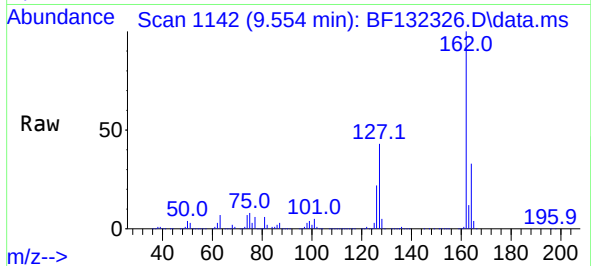
4-RAMP-EMS

Tgt Ion:162 Resp: 1085514
Ion Ratio Lower Upper
162 100
127 43.2 33.3 49.9
164 33.3 26.8 40.2

Manual Integrations

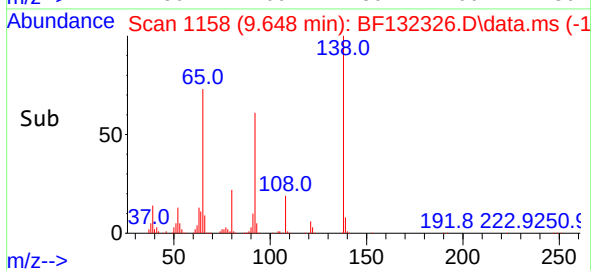
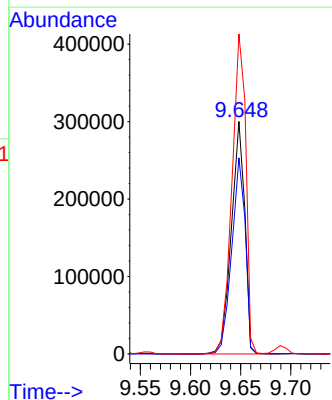
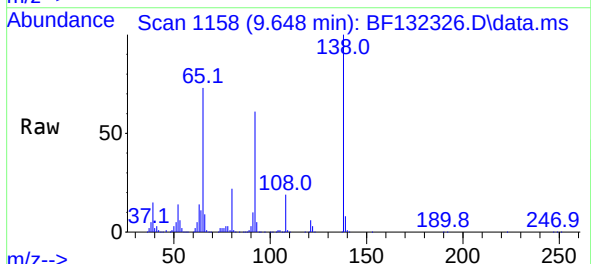
APPROVED

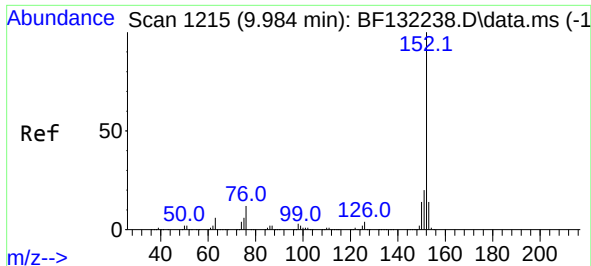
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#48
2-Nitroaniline
Concen: 37.786 ng
RT: 9.648 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion: 65 Resp: 279763
Ion Ratio Lower Upper
65 100
92 84.4 61.0 91.4
138 137.7 95.0 142.4





#49

Acenaphthylene

Concen: 42.010 ng

RT: 9.978 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

Tgt Ion:152 Resp: 170685

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

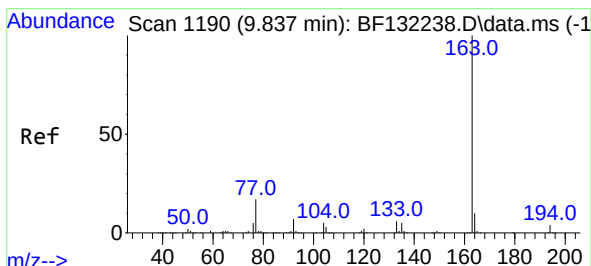
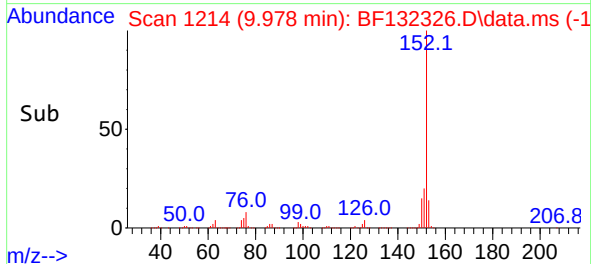
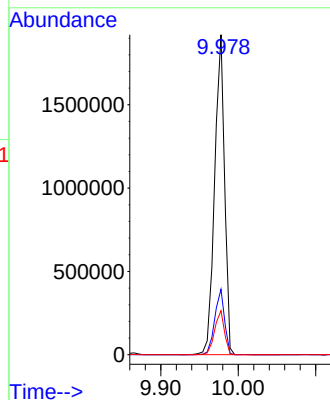
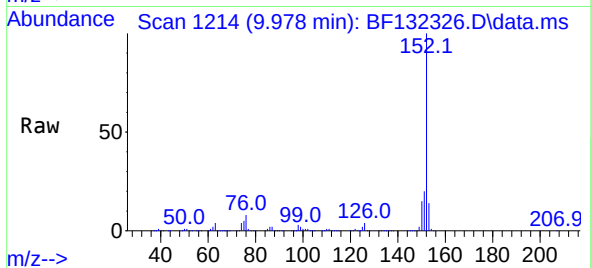
153 13.7 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#50

Dimethylphthalate

Concen: 43.884 ng

RT: 9.831 min Scan# 1189

Delta R.T. 0.006 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

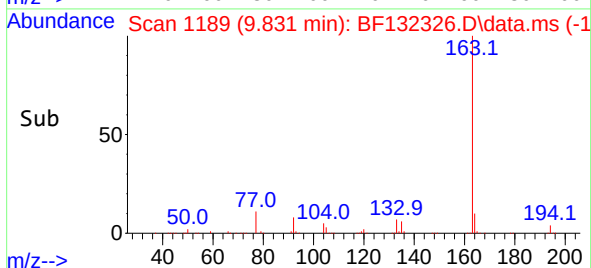
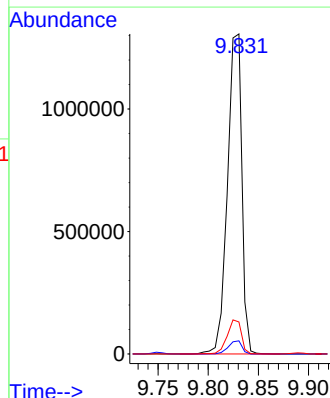
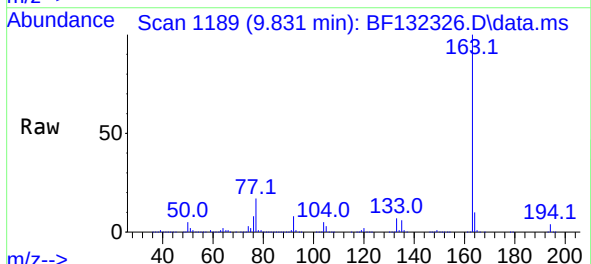
Tgt Ion:163 Resp: 1301441

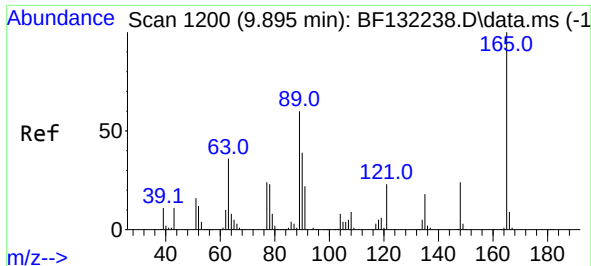
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

164 10.0 7.9 11.9





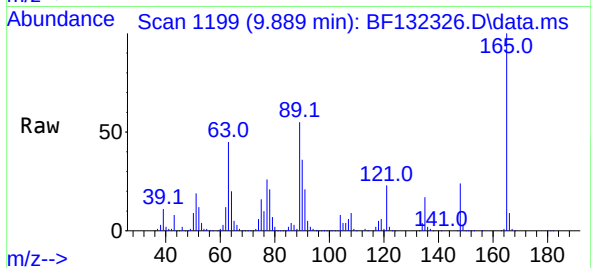
#51
2,6-Dinitrotoluene
Concen: 46.099 ng
RT: 9.889 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

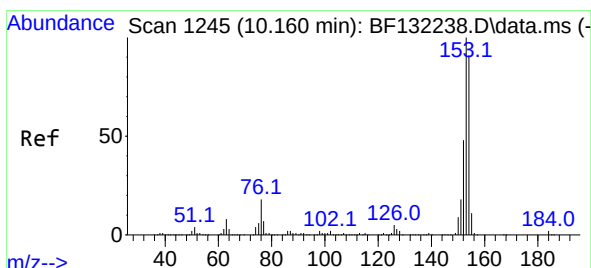
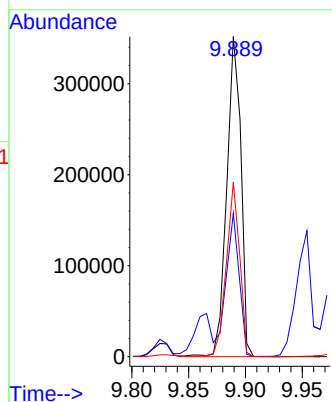
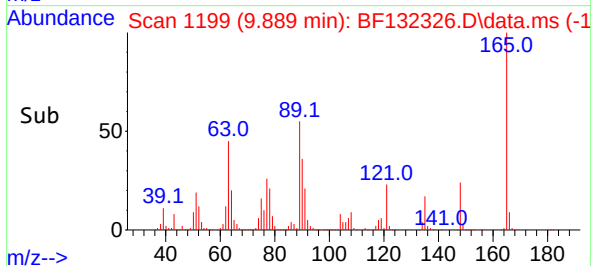


Tgt Ion:165 Resp: 305338
Ion Ratio Lower Upper
165 100
63 44.8 41.5 62.3
89 54.6 48.1 72.1

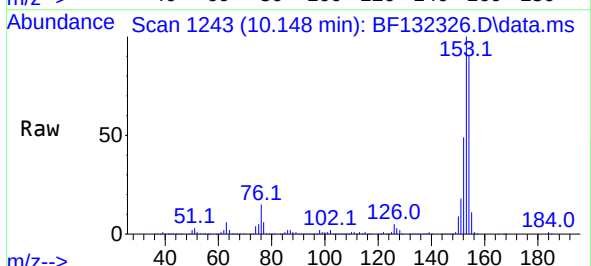
Manual Integrations

APPROVED

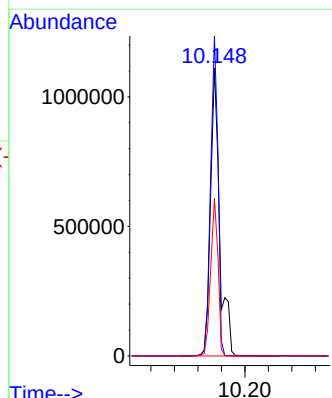
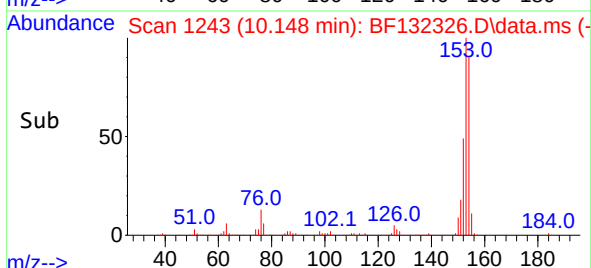
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

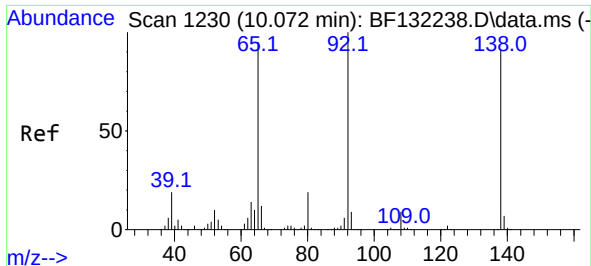


#52
Acenaphthene
Concen: 47.191 ng
RT: 10.148 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



Tgt Ion:154 Resp: 1200383
Ion Ratio Lower Upper
154 100
153 111.3 88.3 132.5
152 54.8 42.7 64.1





#53
3-Nitroaniline
Concen: 17.035 ng
RT: 10.060 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

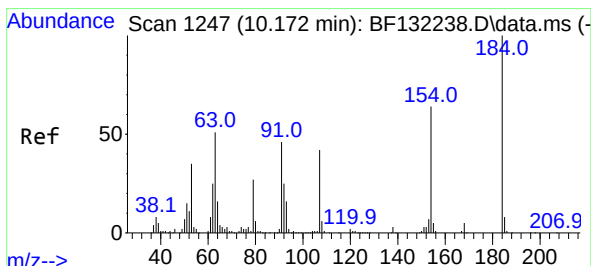
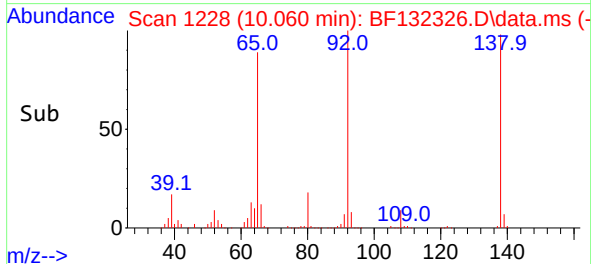
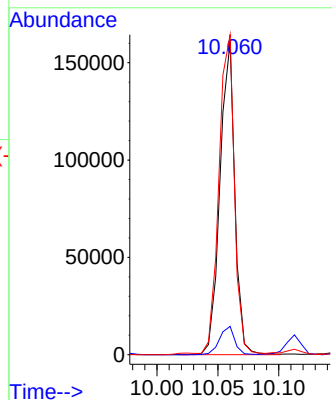
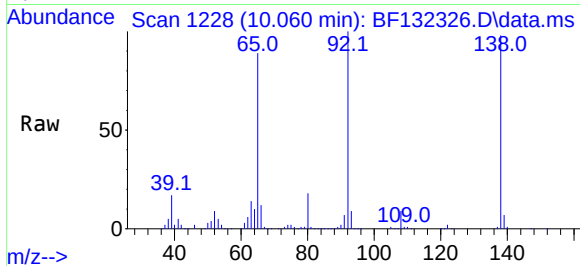
4-RAMP-EMS

Tgt Ion:138 Resp: 13683
Ion Ratio Lower Upper
138 100
108 9.1 7.6 11.4
92 102.2 88.3 132.5

Manual Integrations

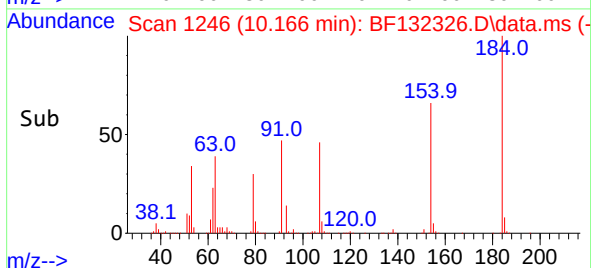
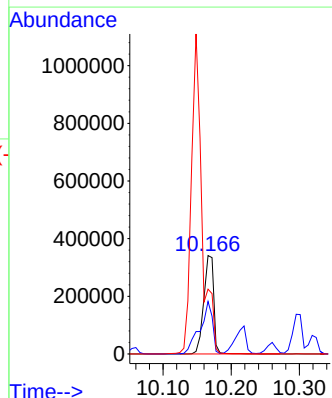
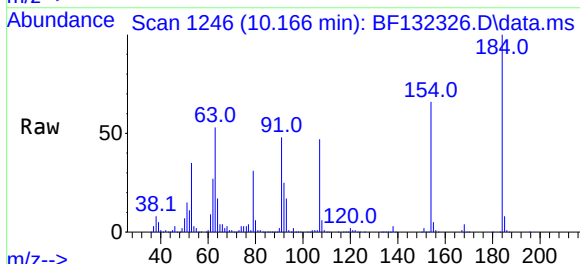
APPROVED

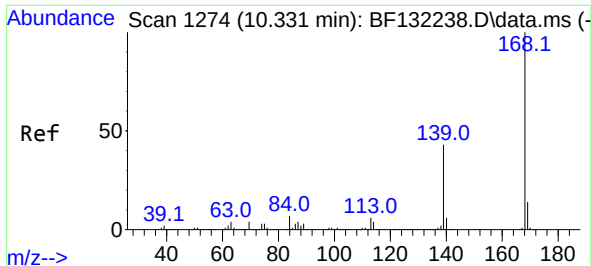
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#54
2,4-Dinitrophenol
Concen: 90.124 ng
RT: 10.166 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:184 Resp: 348243
Ion Ratio Lower Upper
184 100
63 53.4 41.6 62.4
154 65.9 57.0 85.6





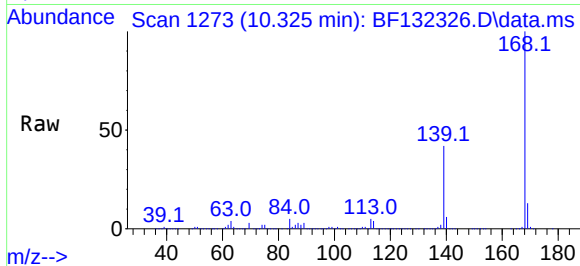
#55
Dibenzenofuran
Concen: 41.778 ng
RT: 10.325 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

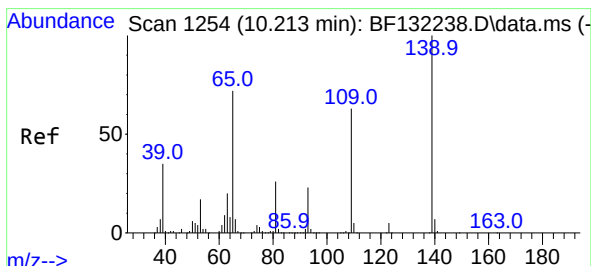
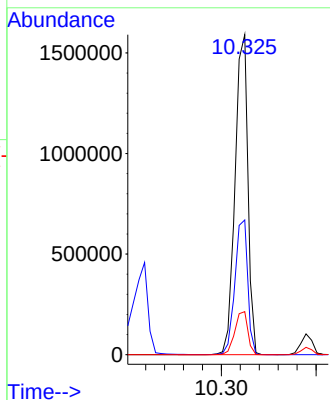
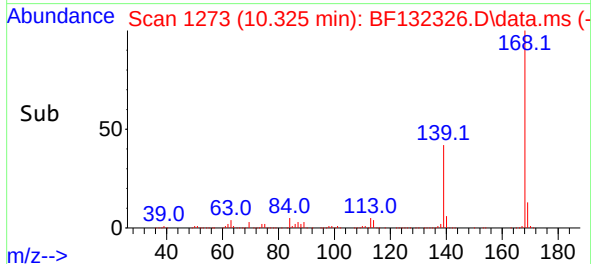


Tgt Ion:168 Resp: 149314
Ion Ratio Lower Upper
168 100
139 42.1 34.2 51.4
169 13.5 11.2 16.8

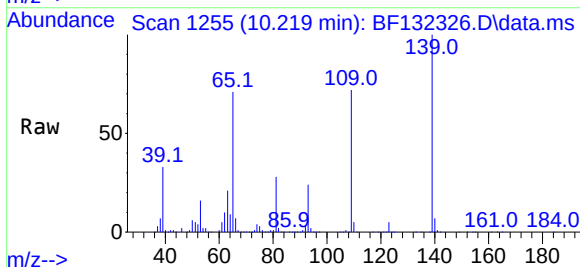
Manual Integrations

APPROVED

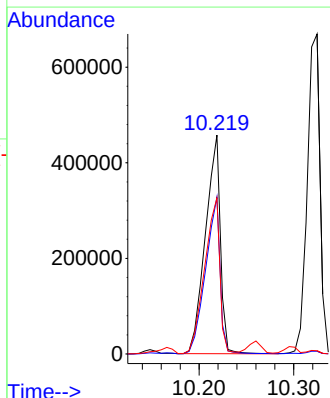
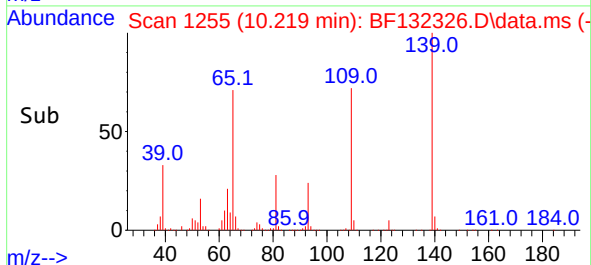
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

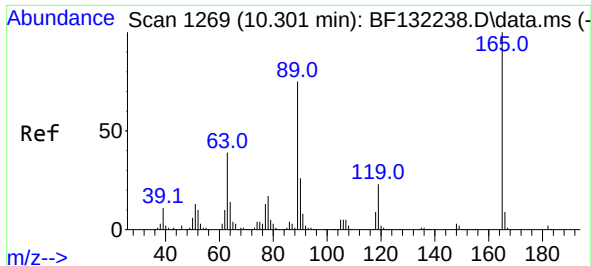


#56
4-Nitrophenol
Concen: 83.289 ng
RT: 10.219 min Scan# 1255
Delta R.T. 0.012 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



Tgt Ion:139 Resp: 503428
Ion Ratio Lower Upper
139 100
109 71.6 43.3 83.3
65 71.3 52.3 92.3





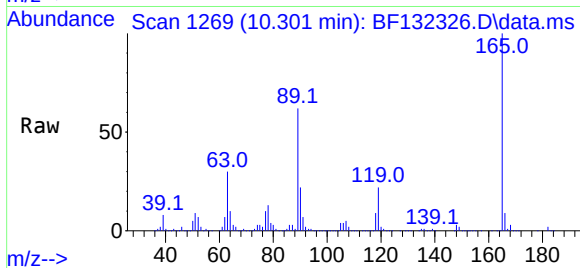
#57
2,4-Dinitrotoluene
Concen: 46.267 ng
RT: 10.301 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

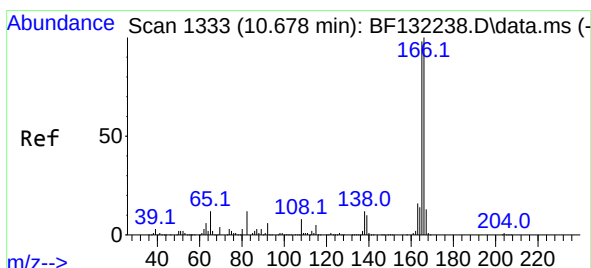
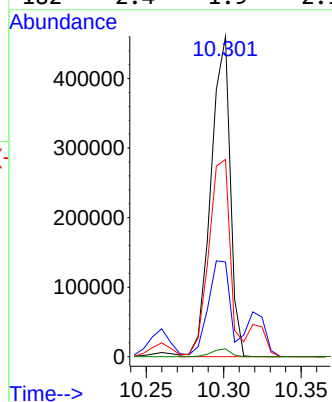
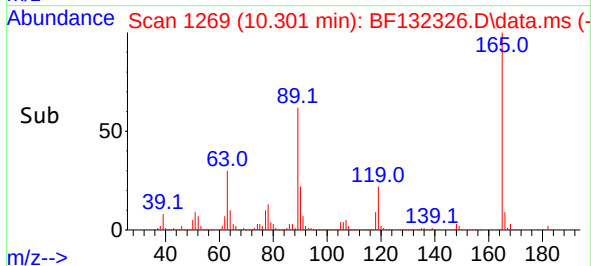


Tgt Ion:165 Resp: 398070
Ion Ratio Lower Upper
165 100
63 29.6 30.9 46.3
89 61.6 60.1 90.1
182 2.4 1.9 2.9

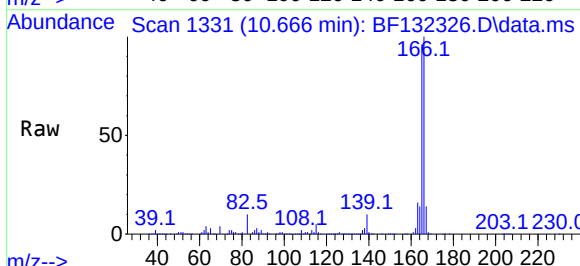
Manual Integrations

APPROVED

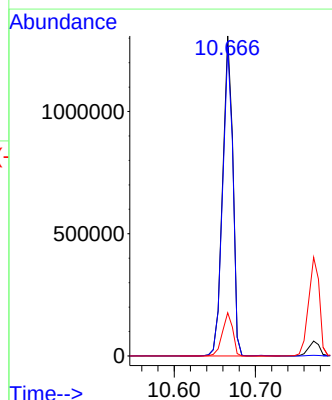
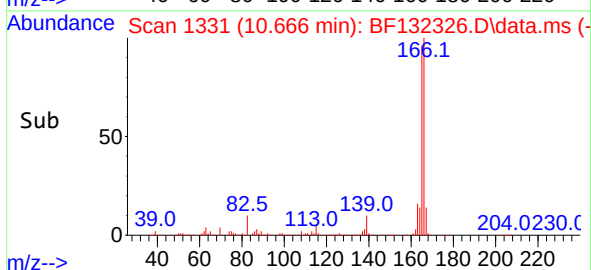
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

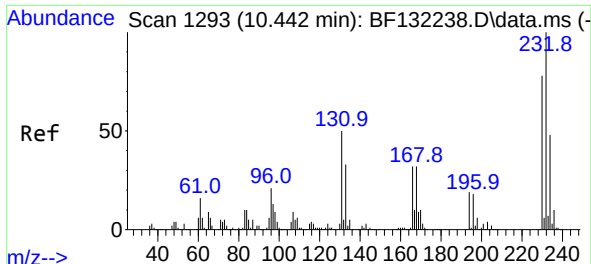


#58
Fluorene
Concen: 41.829 ng
RT: 10.666 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



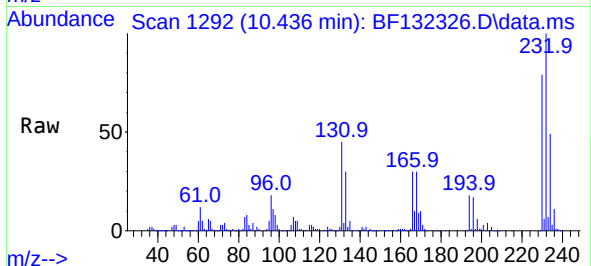
Tgt Ion:166 Resp: 1150527
Ion Ratio Lower Upper
166 100
165 96.4 78.0 117.0
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.631 ng
RT: 10.436 min Scan# 10436
Delta R.T. 0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

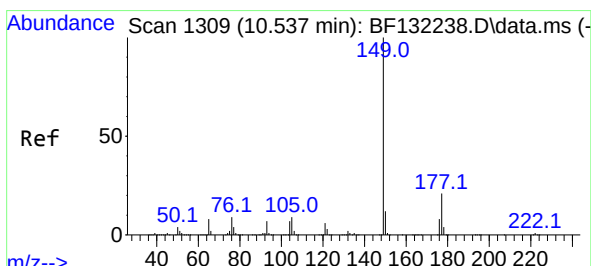
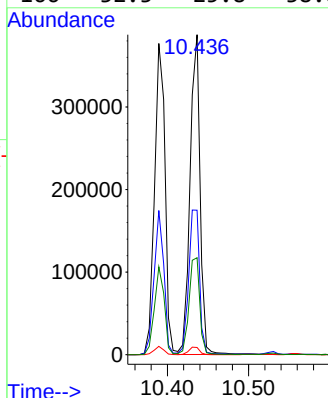
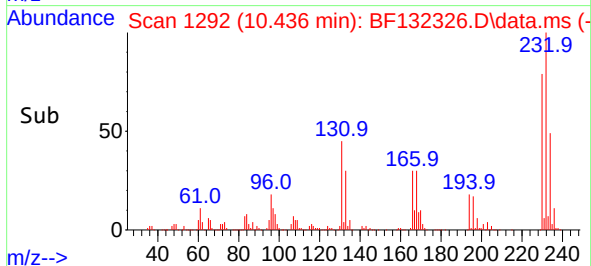
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS



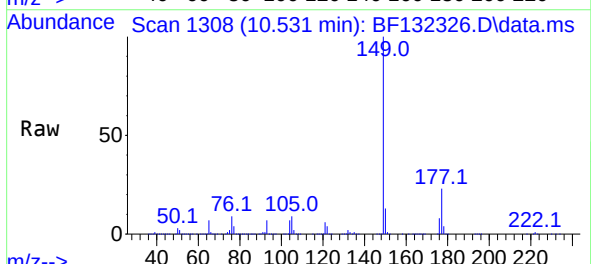
Tgt Ion:232 Resp: 33370
Ion Ratio Lower Upper
232 100
131 48.8 40.6 61.0
130 2.5 1.9 2.9
166 32.3 25.8 38.8

Manual Integrations
APPROVED

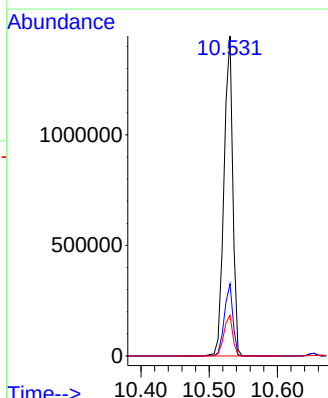
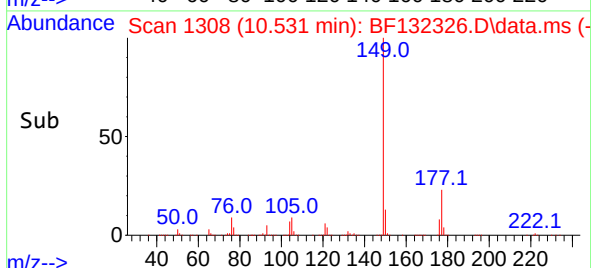
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

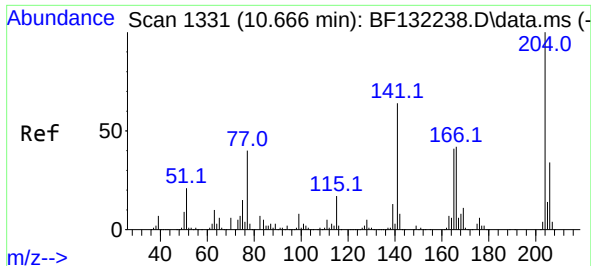


#60
Diethylphthalate
Concen: 44.034 ng
RT: 10.531 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



Tgt Ion:149 Resp: 1299112
Ion Ratio Lower Upper
149 100
177 22.5 17.1 25.7
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 43.656 ng
RT: 10.654 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

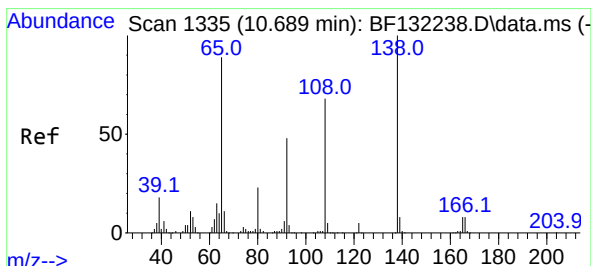
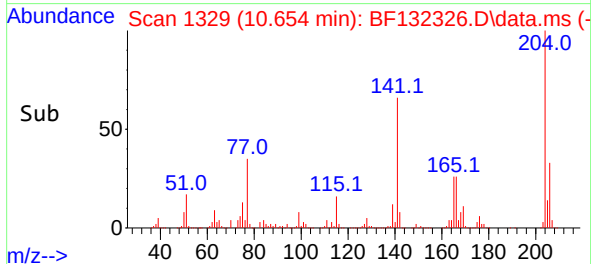
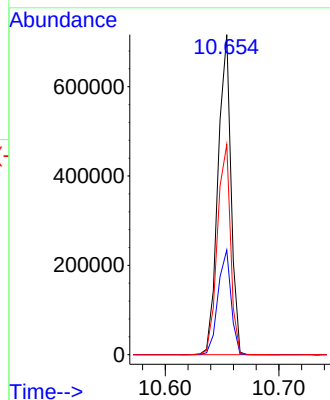
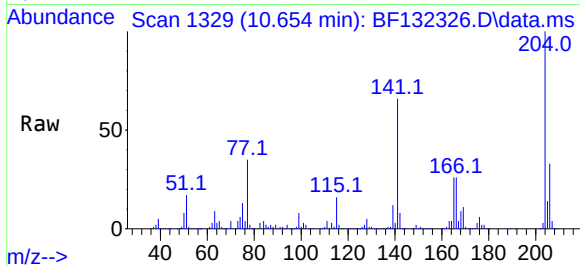
4-RAMP-EMS

Tgt Ion:204 Resp: 56986
Ion Ratio Lower Upper
204 100
206 32.7 26.8 40.2
141 65.6 51.4 77.0

Manual Integrations

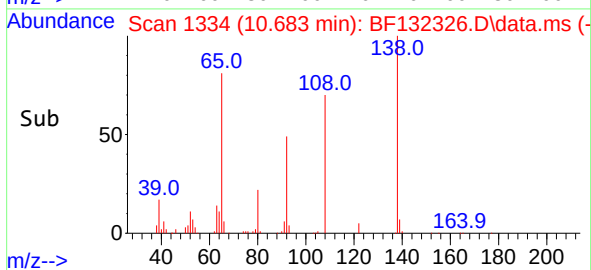
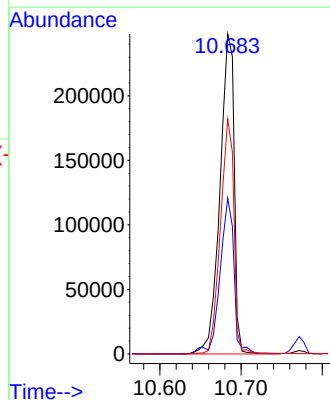
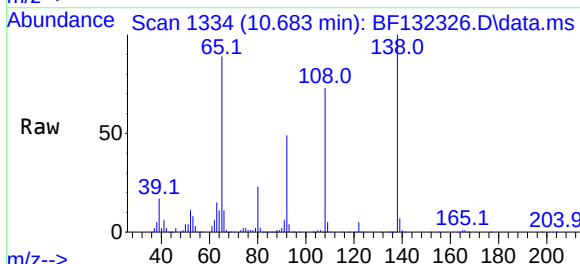
APPROVED

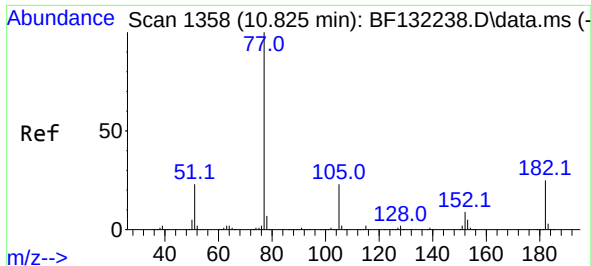
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#62
4-Nitroaniline
Concen: 39.341 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:138 Resp: 303026
Ion Ratio Lower Upper
138 100
92 48.7 27.7 67.7
108 73.3 48.5 88.5





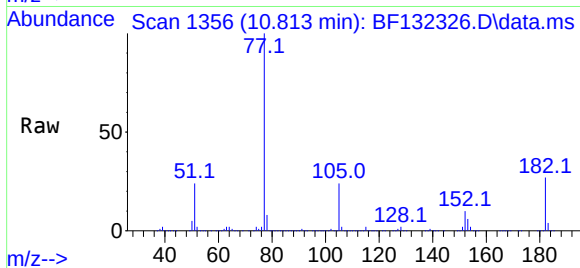
#63
Azobenzene
Concen: 45.584 ng
RT: 10.813 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

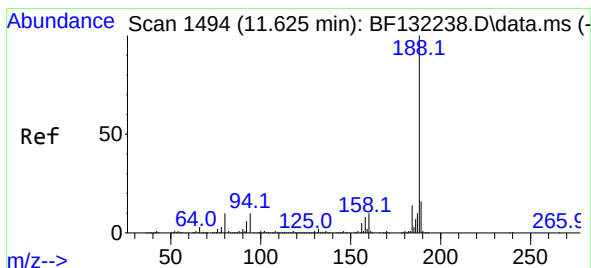
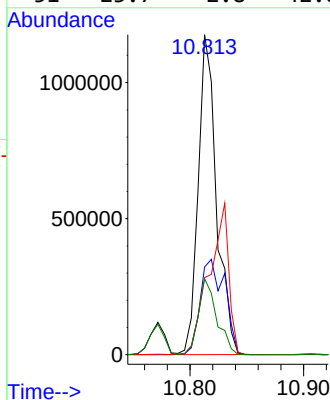
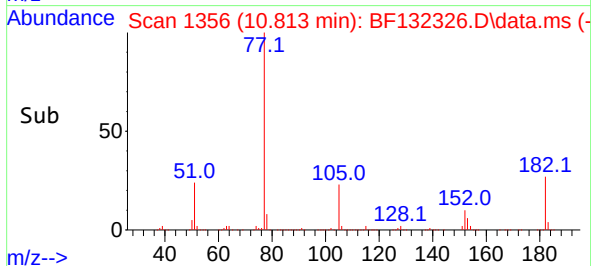


Tgt Ion: 77 Resp: 130998
Ion Ratio Lower Upper
77 100
182 27.4 4.5 44.5
105 24.1 2.7 42.7
51 23.7 2.8 42.8

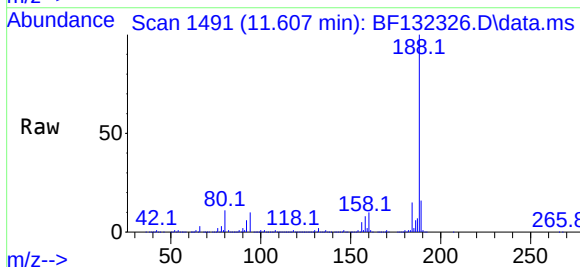
Manual Integrations

APPROVED

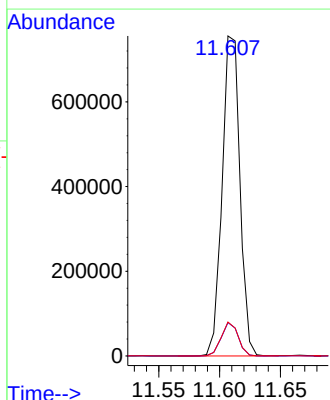
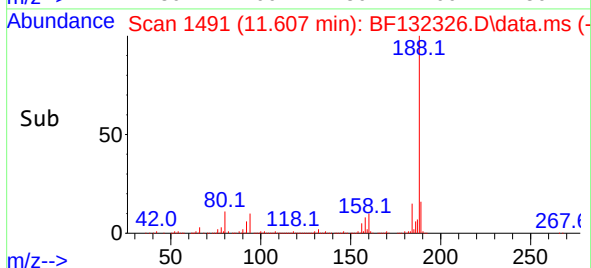
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

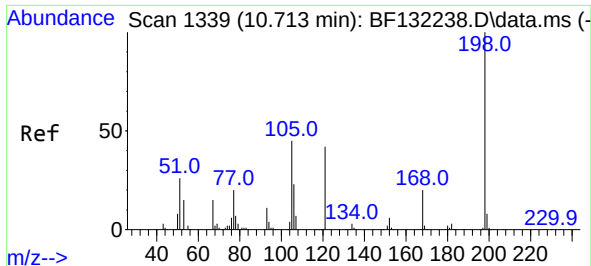


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.607 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



Tgt Ion:188 Resp: 768820
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.2
80 10.6 8.3 12.5





#65
4,6-Dinitro-2-methylphenol
Concen: 50.876 ng
RT: 10.707 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

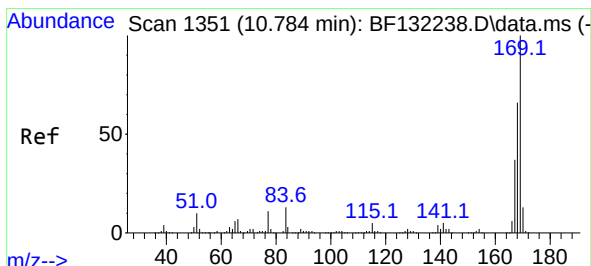
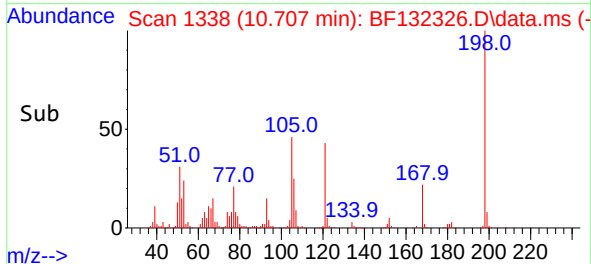
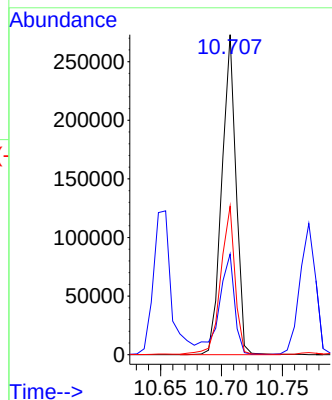
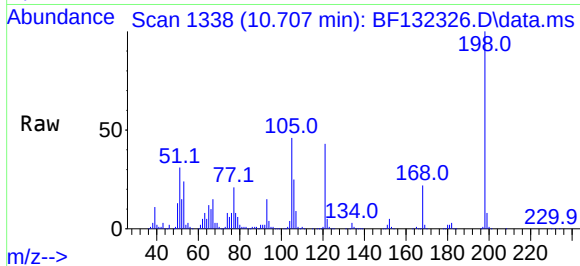
4-RAMP-EMS

Tgt Ion:198 Resp: 221990
Ion Ratio Lower Upper
198 100
51 31.4 13.1 53.1
105 46.4 26.0 66.0

Manual Integrations

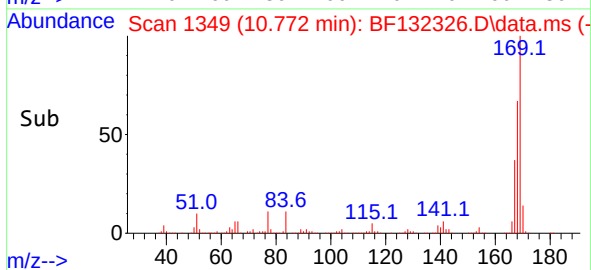
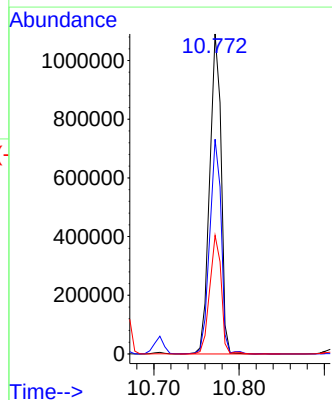
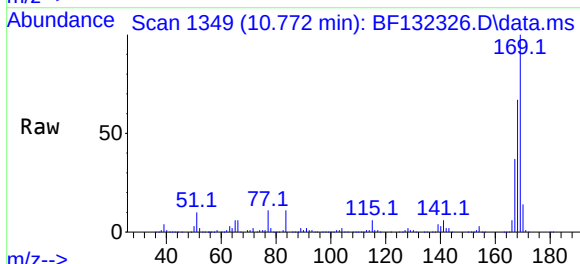
APPROVED

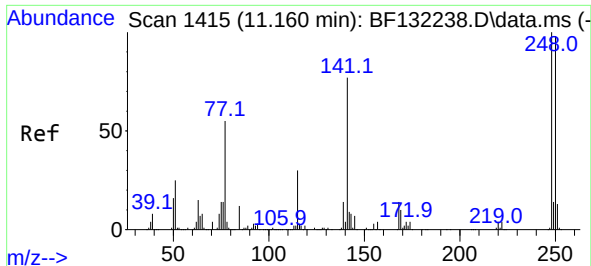
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#66
n-Nitrosodiphenylamine
Concen: 42.269 ng
RT: 10.772 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:169 Resp: 1017594
Ion Ratio Lower Upper
169 100
168 67.1 52.6 79.0
167 37.1 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 46.852 ng
RT: 11.148 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

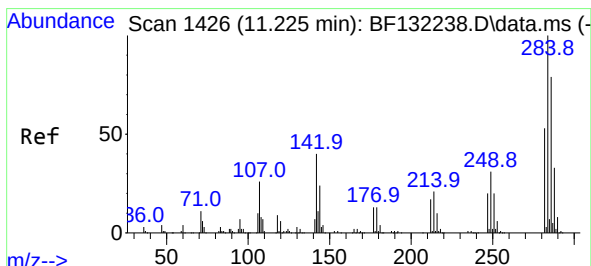
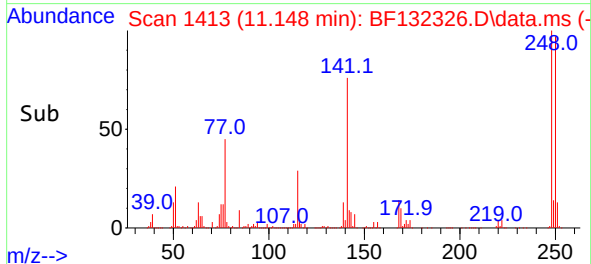
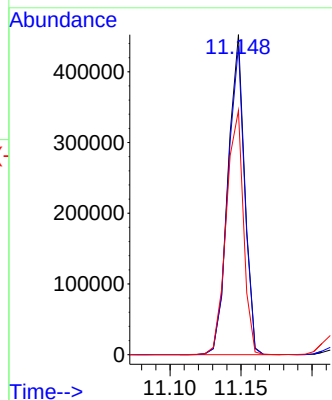
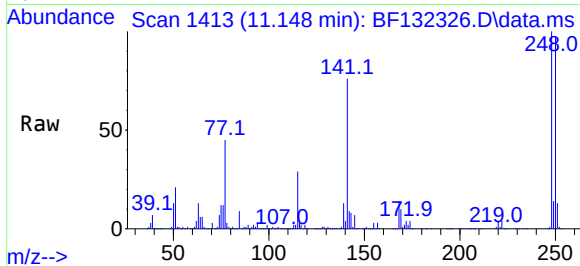
4-RAMP-EMS

Tgt Ion:248 Resp: 368849
Ion Ratio Lower Upper
248 100
250 96.5 78.6 117.8
141 76.3 61.6 92.4

Manual Integrations

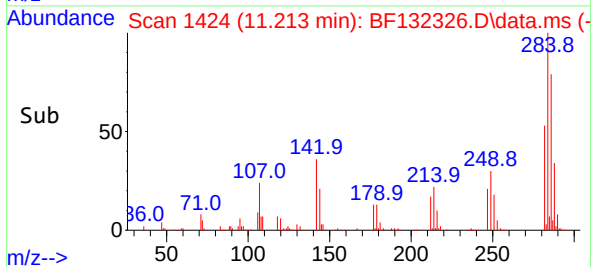
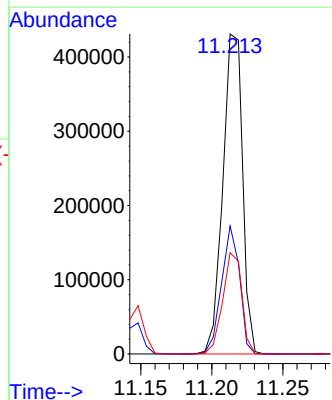
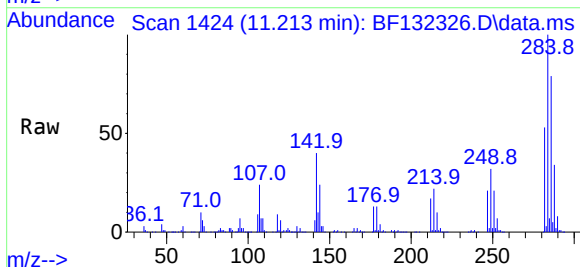
APPROVED

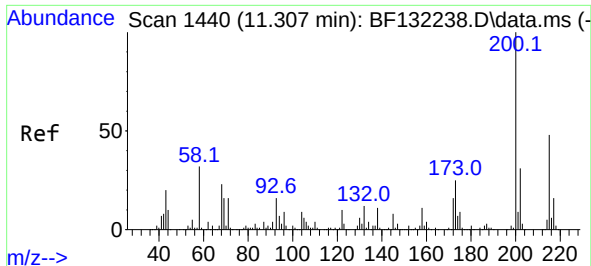
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#68
Hexachlorobenzene
Concen: 49.501 ng
RT: 11.213 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

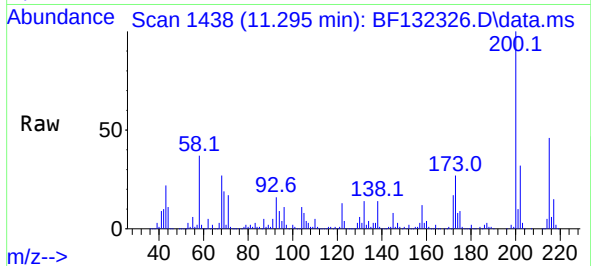
Tgt Ion:284 Resp: 416528
Ion Ratio Lower Upper
284 100
142 40.0 32.2 48.4
249 31.7 25.0 37.6





#69
Atrazine
Concen: 50.723 ng
RT: 11.295 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

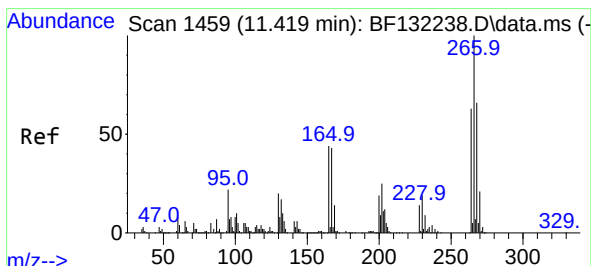
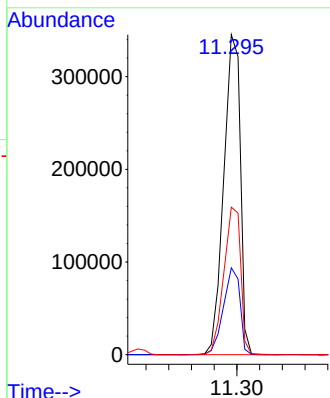
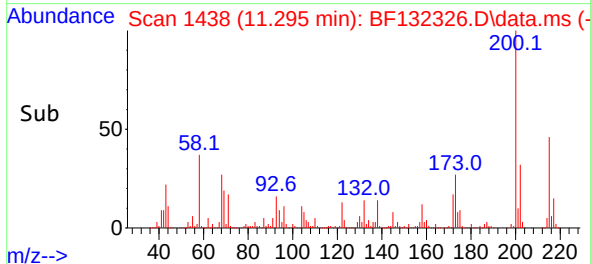
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS



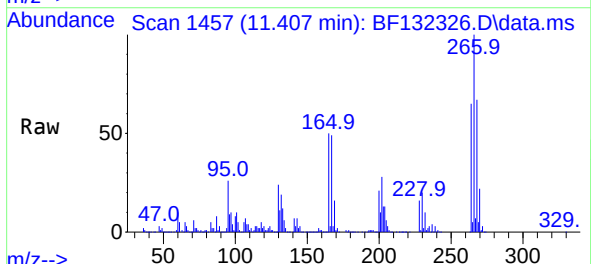
Tgt Ion:200 Resp: 351230
Ion Ratio Lower Upper
200 100
173 27.2 5.1 45.1
215 46.1 27.6 67.6

Manual Integrations
APPROVED

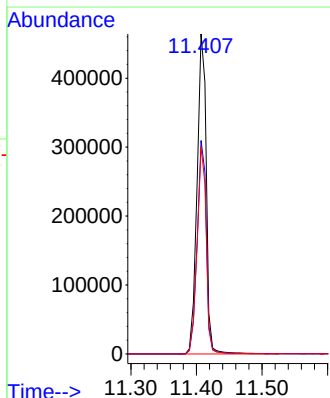
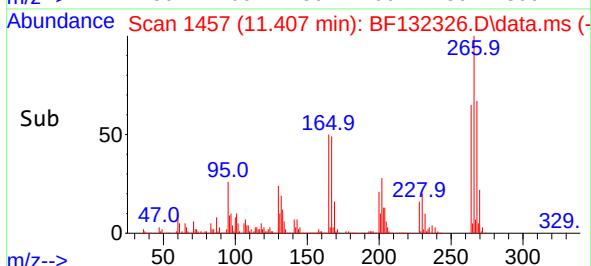
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

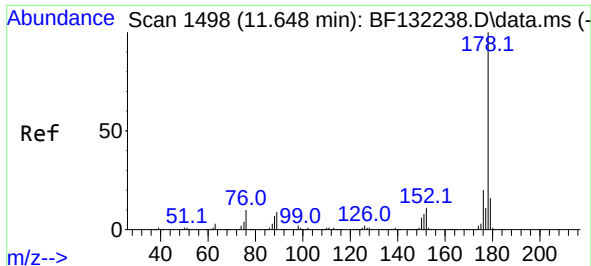


#70
Pentachlorophenol
Concen: 78.485 ng
RT: 11.407 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



Tgt Ion:266 Resp: 453766
Ion Ratio Lower Upper
266 100
268 66.7 53.0 79.4
264 64.8 50.5 75.7





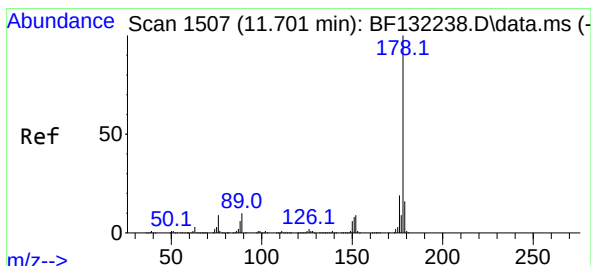
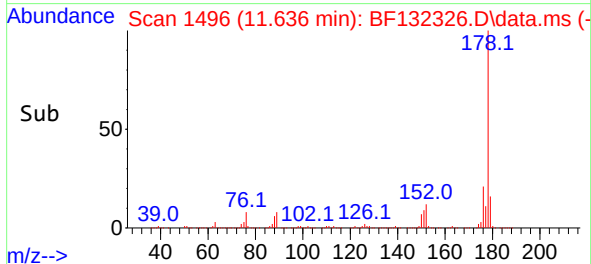
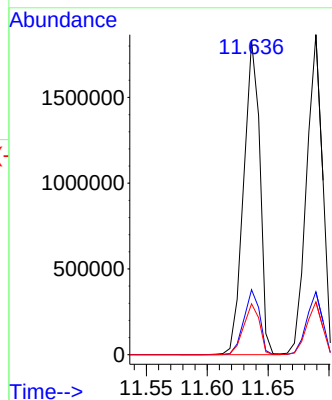
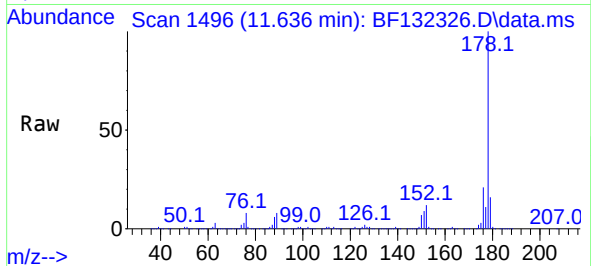
#71
Phenanthrene
Concen: 42.294 ng
RT: 11.636 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS

Tgt Ion:178 Resp: 1699179
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.2 12.8 19.2

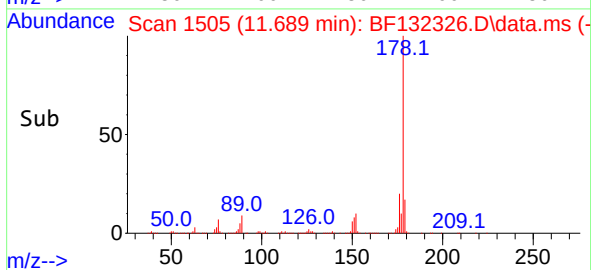
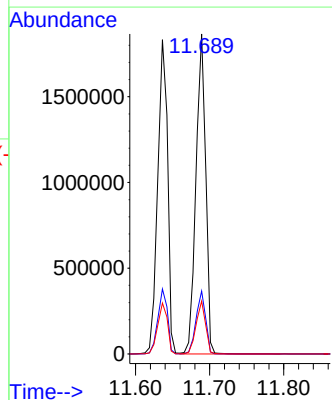
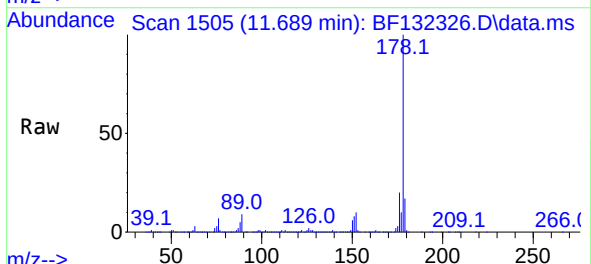
Manual Integrations
APPROVED

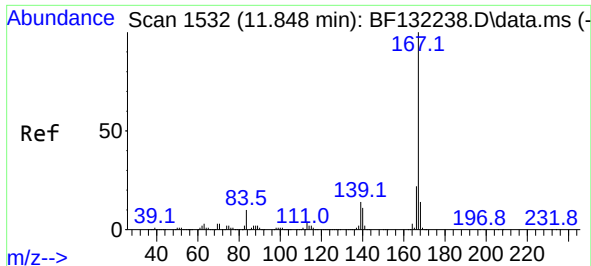
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#72
Anthracene
Concen: 41.562 ng
RT: 11.689 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:178 Resp: 1699312
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.5 12.8 19.2





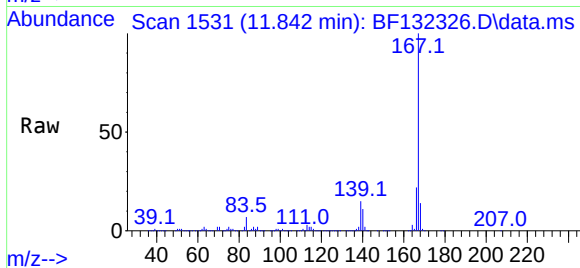
#73
 Carbazole
 Concen: 40.844 ng
 RT: 11.842 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: BF132326.D
 Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

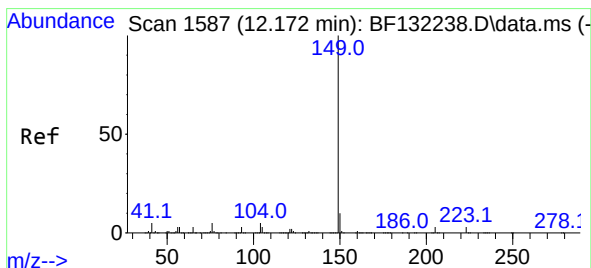
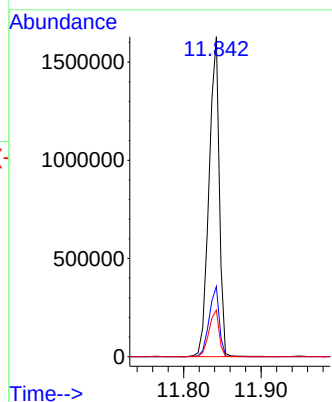
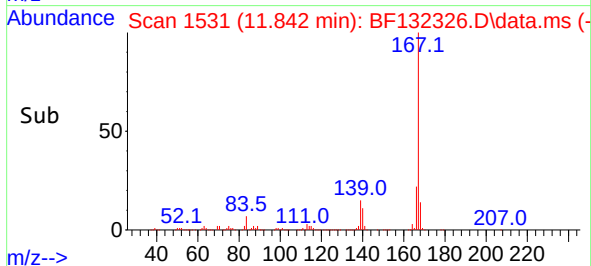


Tgt Ion:167 Resp: 1497362
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 14.6 11.4 17.2

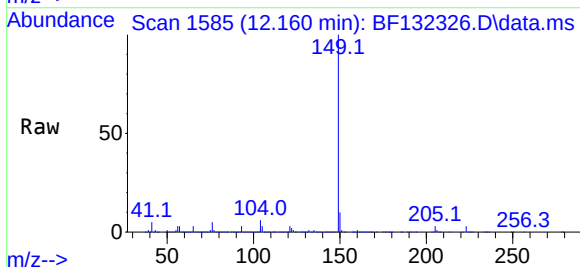
Manual Integrations

APPROVED

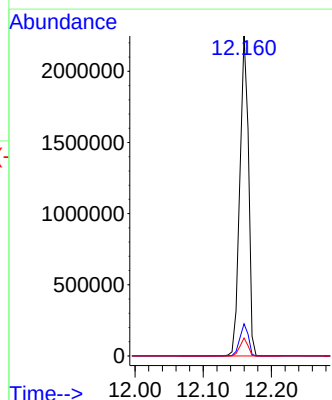
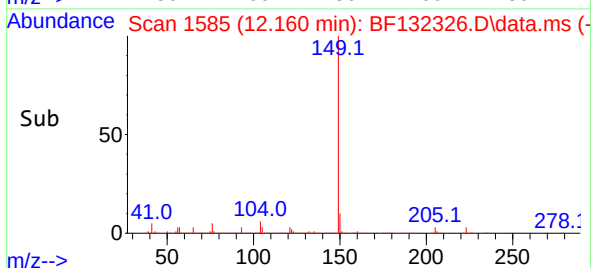
Reviewed By :Christian Giraldo 02/06/2023
 Supervised By :Jagrut Upadhyay 02/06/2023

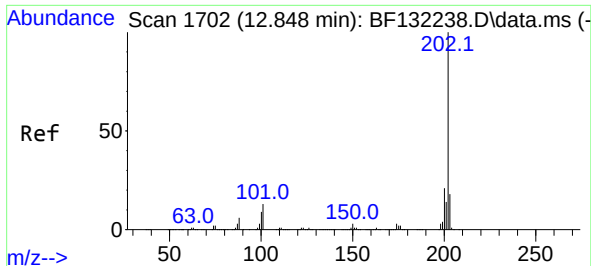


#74
 Di-n-butylphthalate
 Concen: 45.956 ng
 RT: 12.160 min Scan# 1585
 Delta R.T. 0.000 min
 Lab File: BF132326.D
 Acq: 03 Feb 2023 17:31



Tgt Ion:149 Resp: 1991789
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.8
 104 5.6 4.3 6.5





#75
Fluoranthene
Concen: 40.923 ng
RT: 12.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

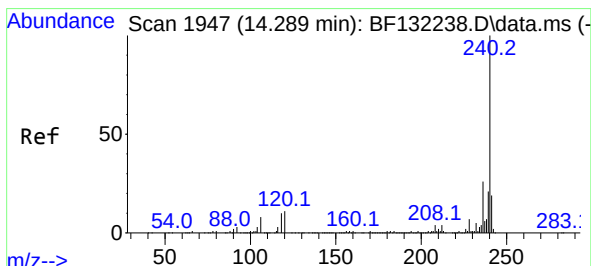
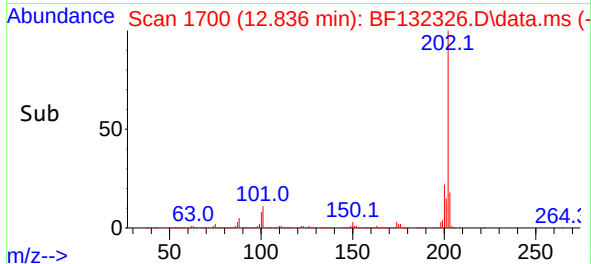
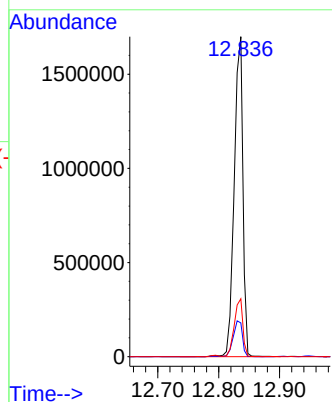
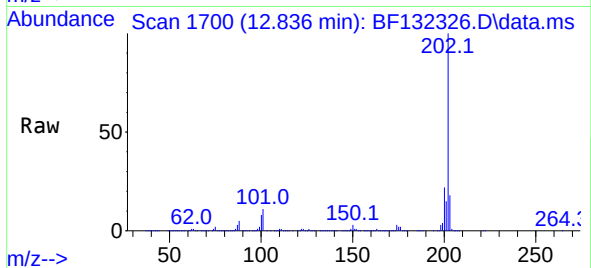
4-RAMP-EMS

Tgt Ion:202 Resp: 1677735
Ion Ratio Lower Upper
202 100
101 10.5 0.0 32.7
203 18.1 0.0 37.9

Manual Integrations

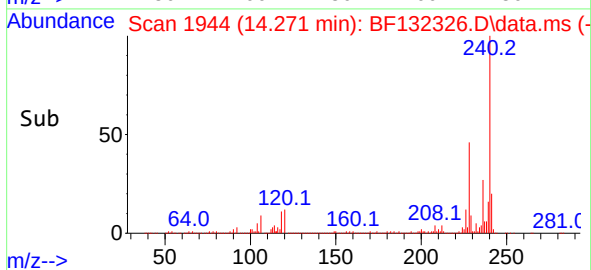
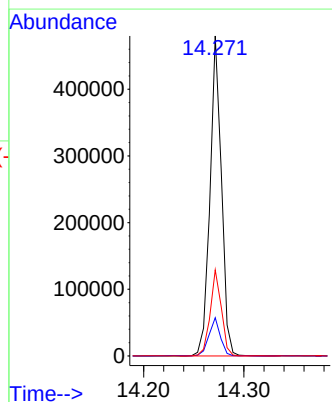
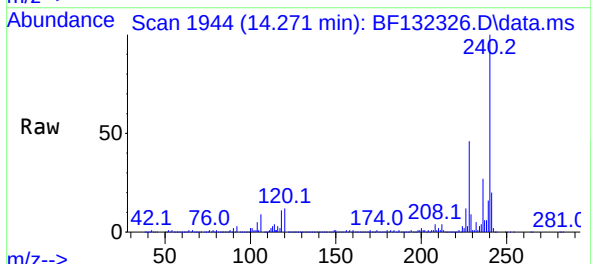
APPROVED

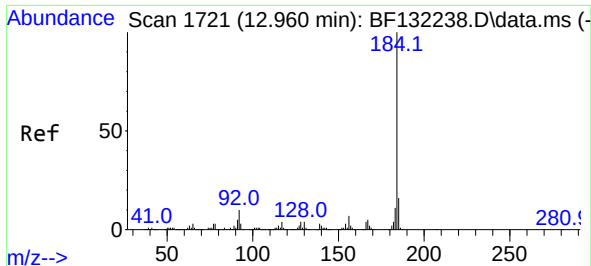
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.271 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:240 Resp: 379659
Ion Ratio Lower Upper
240 100
120 11.9 8.8 13.2
236 26.9 21.0 31.6





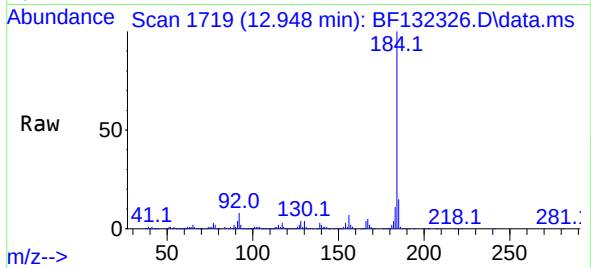
#77
Benzidine
Concen: 36.829 ng
RT: 12.948 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

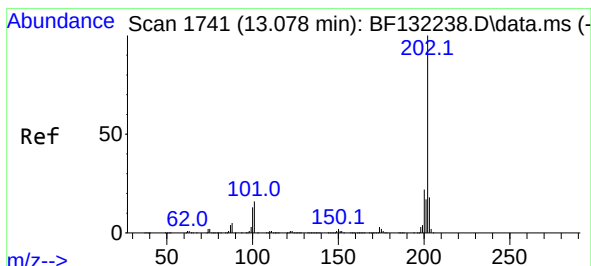
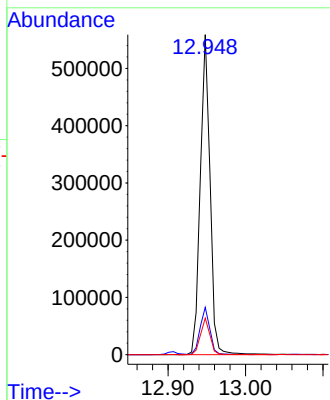
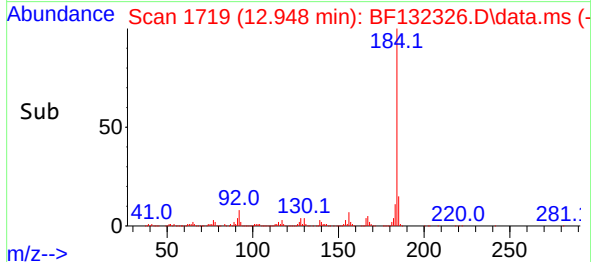


Tgt Ion:184 Resp: 488839
Ion Ratio Lower Upper
184 100
185 14.8 12.6 18.8
183 11.4 8.9 13.3

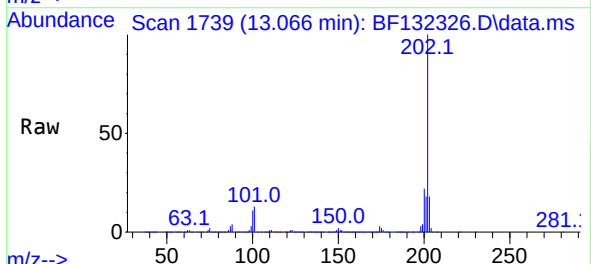
Manual Integrations

APPROVED

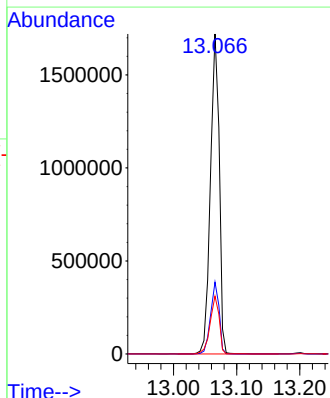
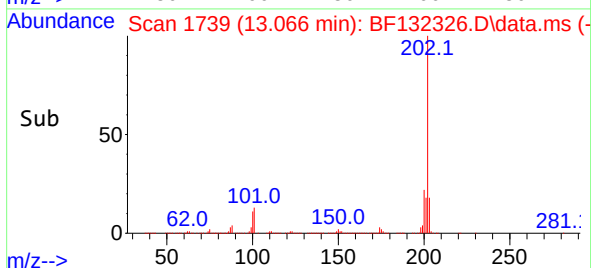
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

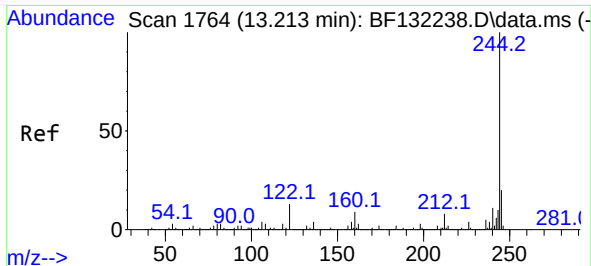


#78
Pyrene
Concen: 54.312 ng
RT: 13.066 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



Tgt Ion:202 Resp: 1658488
Ion Ratio Lower Upper
202 100
200 22.4 17.3 25.9
203 18.0 14.4 21.6





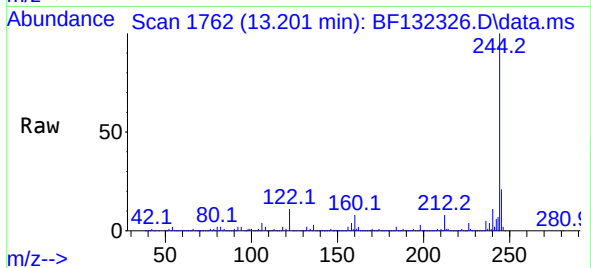
#79
Terphenyl-d14
Concen: 79.749 ng
RT: 13.201 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

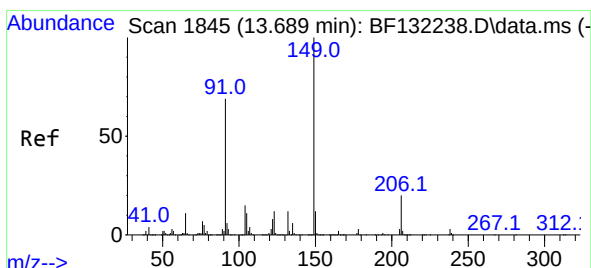
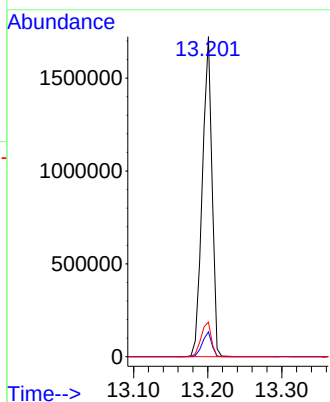
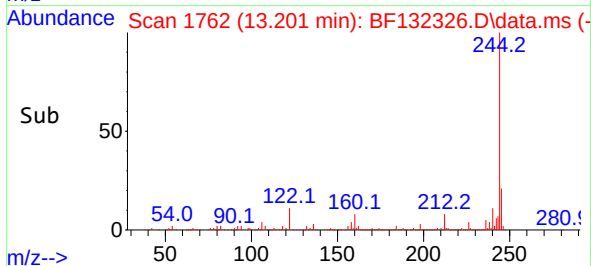


Tgt Ion:244 Resp: 1565198
Ion Ratio Lower Upper
244 100
212 7.8 6.4 9.6
122 10.8 10.5 15.7

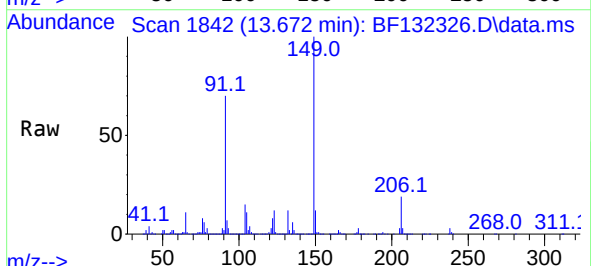
Manual Integrations

APPROVED

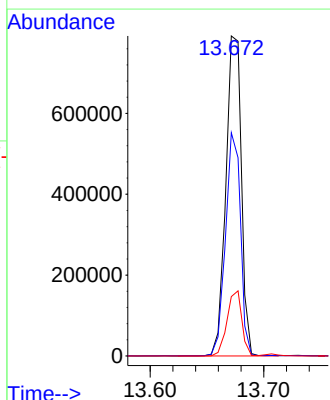
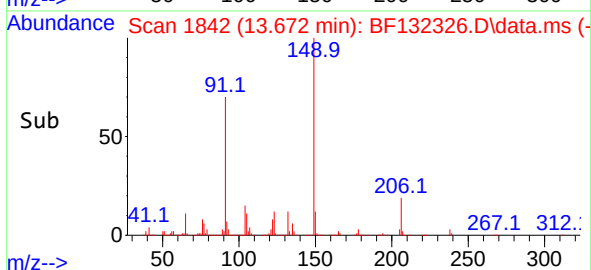
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

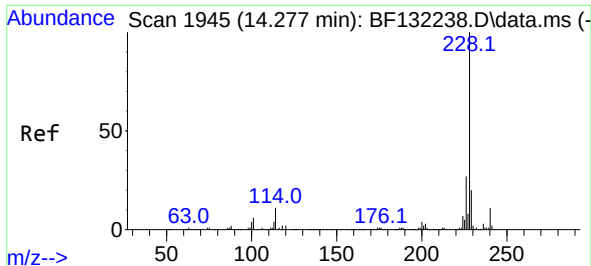


#80
Butylbenzylphthalate
Concen: 55.941 ng
RT: 13.672 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



Tgt Ion:149 Resp: 754720
Ion Ratio Lower Upper
149 100
91 69.7 55.0 82.6
206 18.5 15.9 23.9





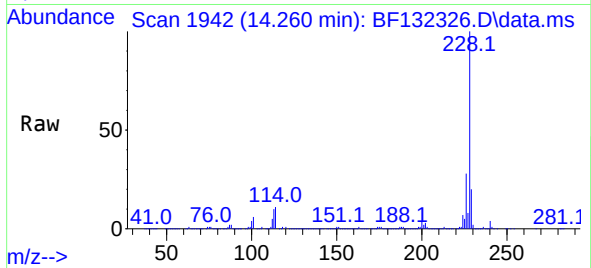
#81
Benzo(a)anthracene
Concen: 45.589 ng
RT: 14.260 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

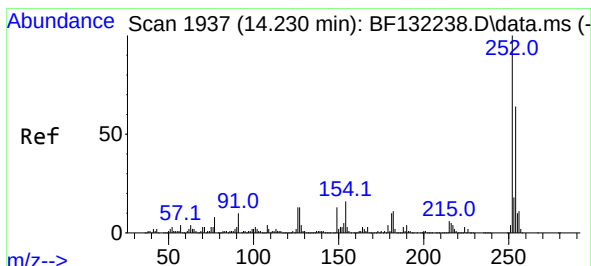
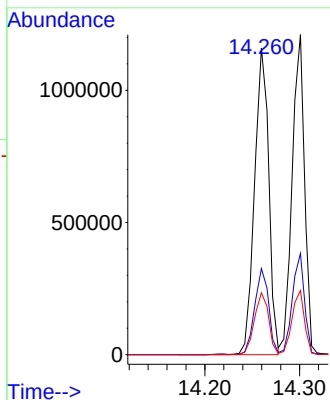
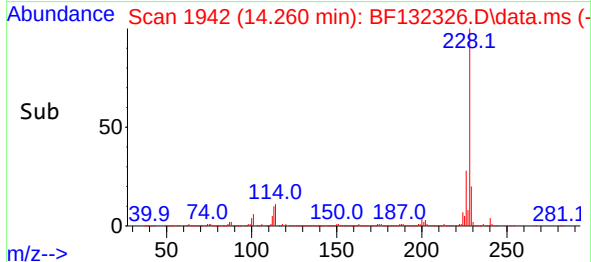


Tgt Ion:228 Resp: 121056
Ion Ratio Lower Upper
228 100
226 28.0 22.0 33.0
229 20.2 15.8 23.6

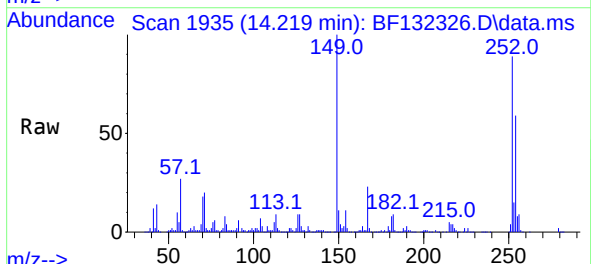
Manual Integrations

APPROVED

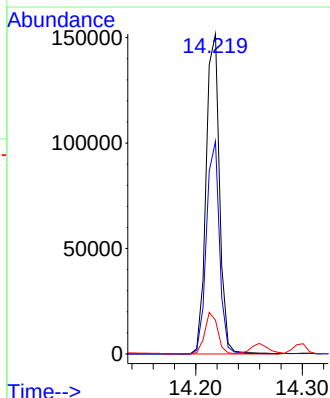
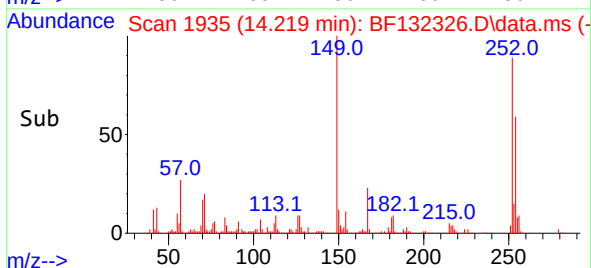
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023

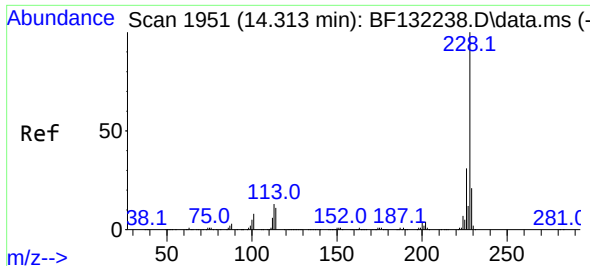


#82
3,3'-Dichlorobenzidine
Concen: 15.759 ng
RT: 14.219 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31



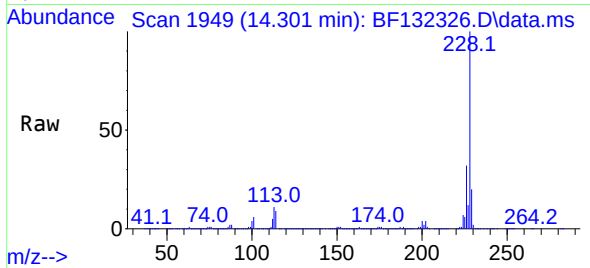
Tgt Ion:252 Resp: 133278
Ion Ratio Lower Upper
252 100
254 66.5 51.6 77.4
126 10.6 10.5 15.7





#83
Chrysene
Concen: 44.304 ng
RT: 14.301 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

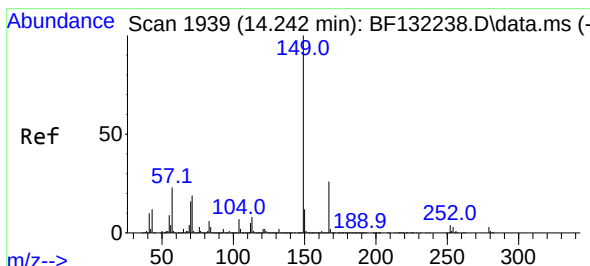
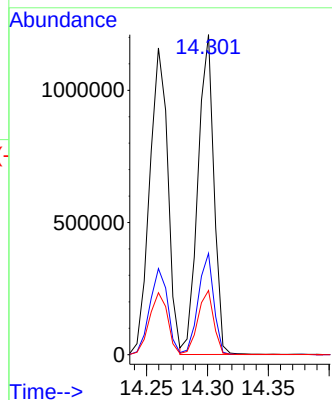
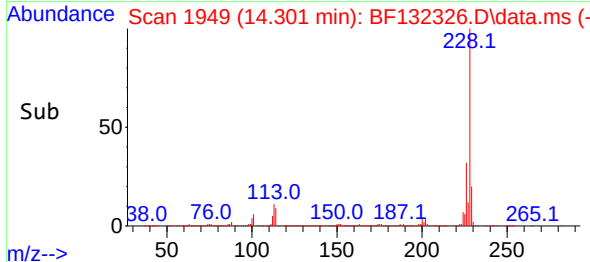
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS



Tgt Ion:228 Resp: 110159
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 20.1 16.4 24.6

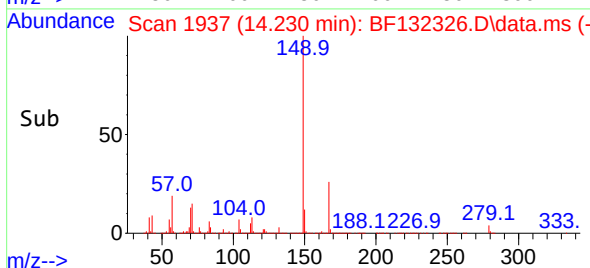
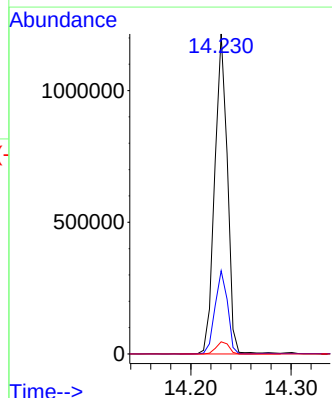
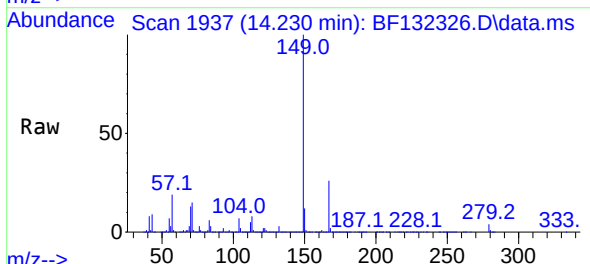
Manual Integrations
APPROVED

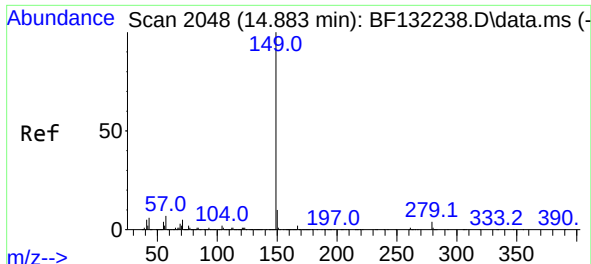
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.470 ng
RT: 14.230 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

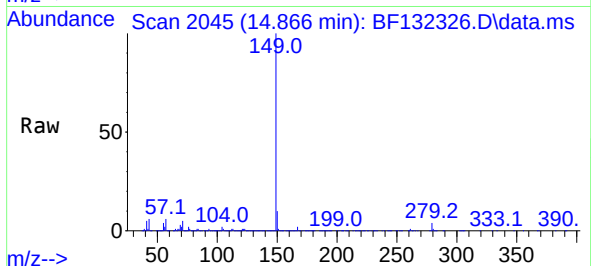
Tgt Ion:149 Resp: 1066243
Ion Ratio Lower Upper
149 100
167 26.0 20.7 31.1
279 3.8 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 48.880 ng
RT: 14.866 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

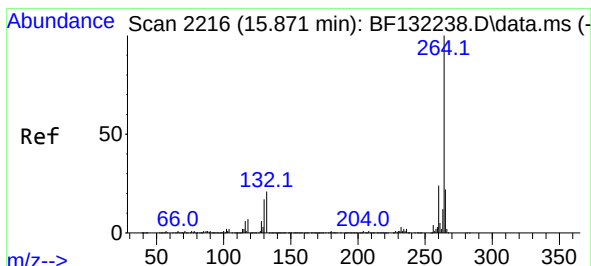
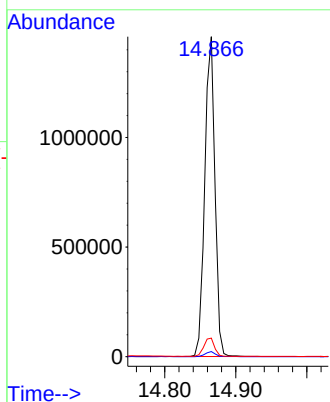
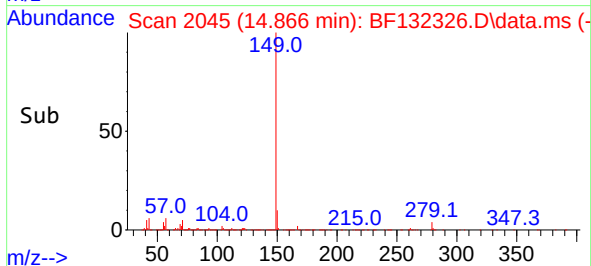
Instrument :
BNA_F
ClientSampleId :
4-RAMP-EMS



Tgt Ion:149 Resp: 1453862
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 6.0 5.9 8.9

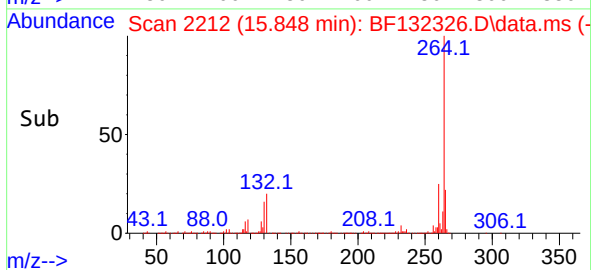
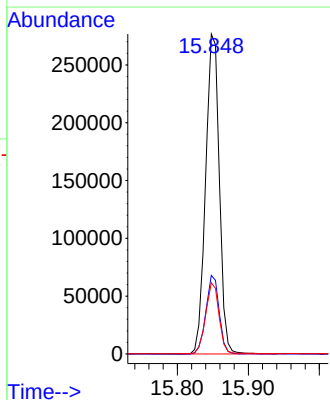
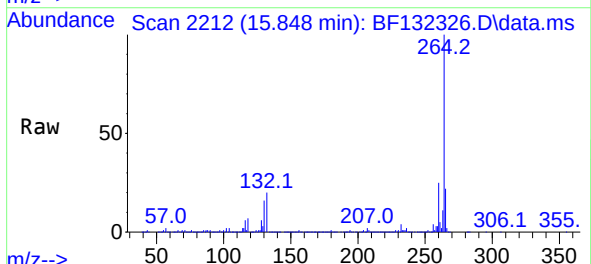
Manual Integrations
APPROVED

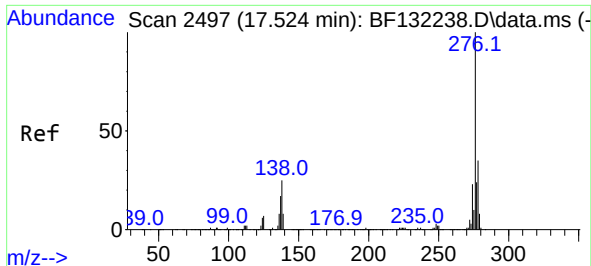
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.848 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:264 Resp: 372229
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.4
265 22.2 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.513 ng
RT: 17.501 min Scan# 2493
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

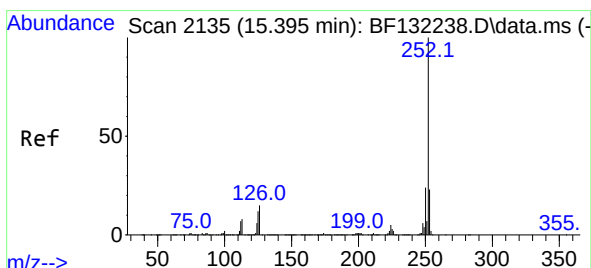
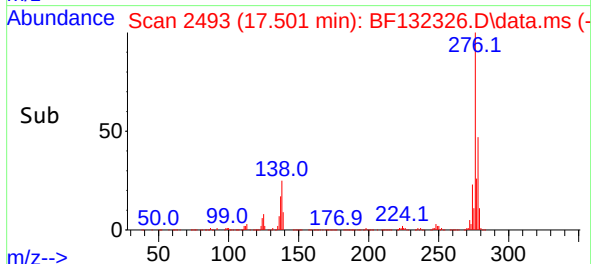
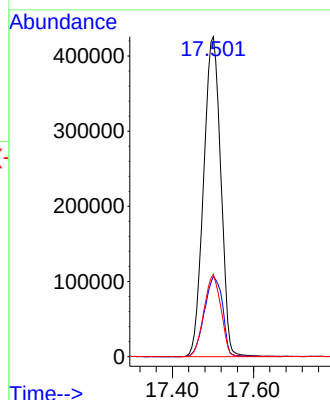
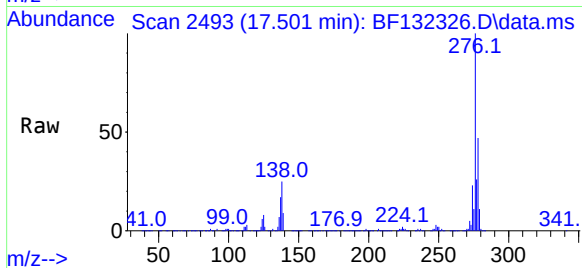
4-RAMP-EMS

Tgt Ion:276 Resp: 124935
Ion Ratio Lower Upper
276 100
138 26.6 23.3 34.9
277 25.5 20.0 30.0

Manual Integrations

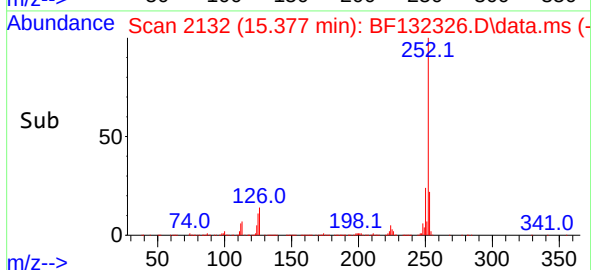
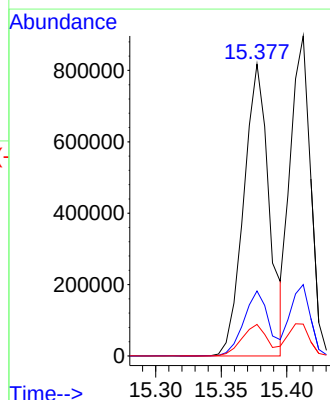
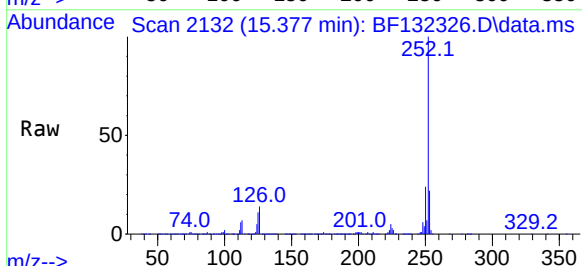
APPROVED

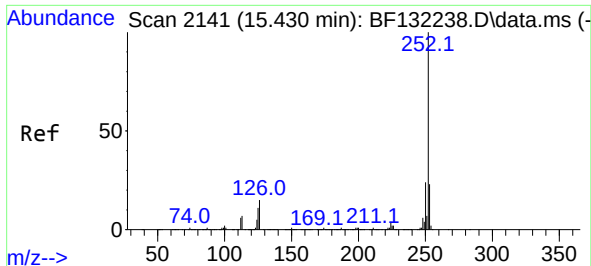
Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#88
Benzo(b)fluoranthene
Concen: 46.768 ng
RT: 15.377 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:252 Resp: 1106552
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 10.8 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 42.740 ng

RT: 15.413 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

4-RAMP-EMS

Tgt Ion:252 Resp: 965270

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

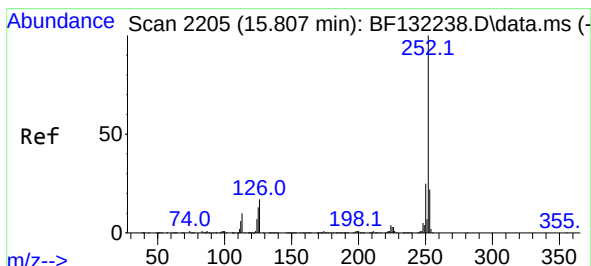
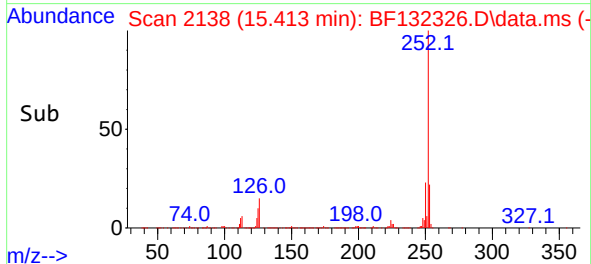
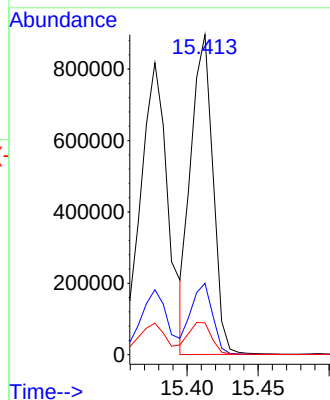
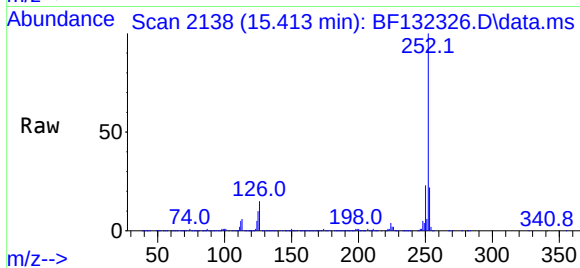
125 9.9 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023

Supervised By :Jagrut Upadhyay 02/06/2023



#90

Benzo(a)pyrene

Concen: 42.151 ng

RT: 15.783 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF132326.D

Acq: 03 Feb 2023 17:31

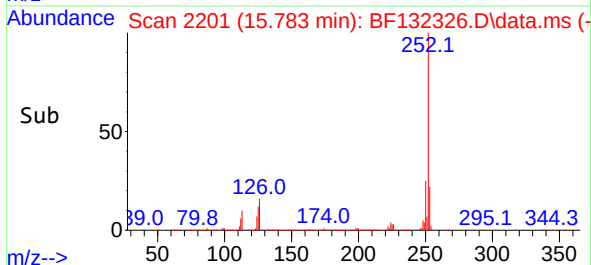
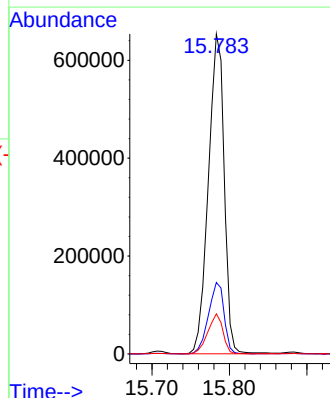
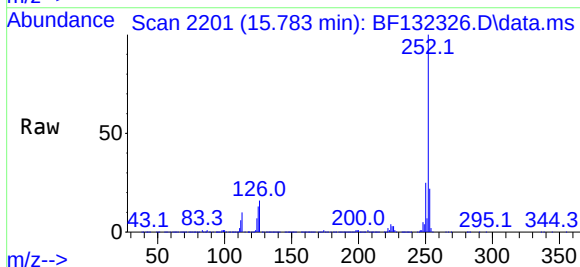
Tgt Ion:252 Resp: 928705

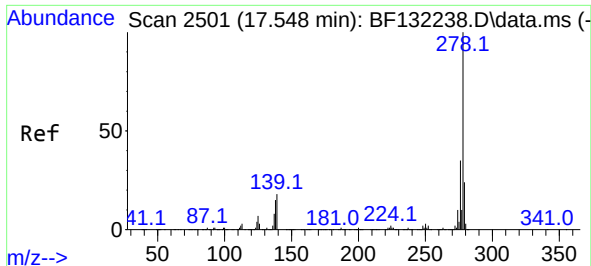
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 12.5 10.2 15.4





#91
Dibenzo(a,h)anthracene
Concen: 51.444 ng
RT: 17.518 min Scan# 2496
Delta R.T. 0.000 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Instrument :

BNA_F

ClientSampleId :

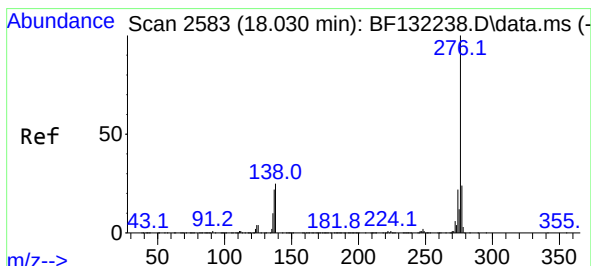
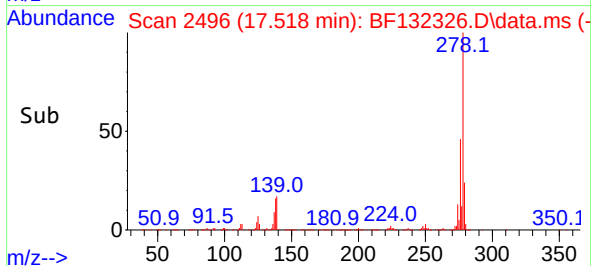
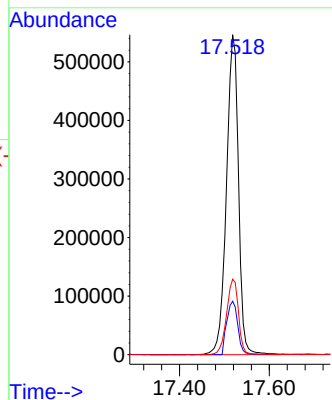
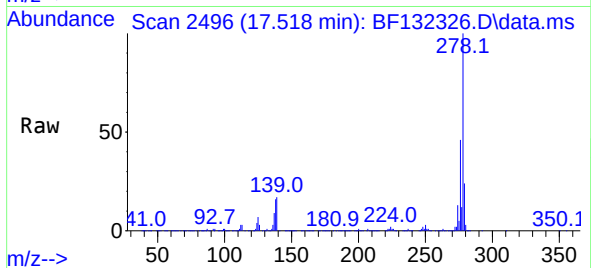
4-RAMP-EMS

Tgt Ion:278 Resp: 1022972
Ion Ratio Lower Upper
278 100
139 16.7 14.2 21.2
279 23.6 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/06/2023
Supervised By :Jagrut Upadhyay 02/06/2023



#92
Benzo(g,h,i)perylene
Concen: 49.588 ng
RT: 18.001 min Scan# 2578
Delta R.T. -0.006 min
Lab File: BF132326.D
Acq: 03 Feb 2023 17:31

Tgt Ion:276 Resp: 1018704
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.2
138 23.8 20.3 30.5

