

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132311.D
 Acq On : 03 Feb 2023 01:31
 Operator : CG\JU
 Sample : 01386-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-9-013123MSD

Quant Time: Feb 03 02:21:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/03/2023
 Supervised By : Jagrut Upadhyay 02/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	168968	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	621878	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	288197	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	420498	20.000	ng	# 0.00
76) Chrysene-d12	14.289	240	245409	20.000	ng	0.00
86) Perylene-d12	15.877	264	287099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	928820	88.359	ng	0.01
7) Phenol-d6	6.684	99	1148762	88.641	ng	0.00
23) Nitrobenzene-d5	7.631	82	690399	61.779	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	258184	87.115	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1238019	66.337	ng	0.00
79) Terphenyl-d14	13.207	244	869294	68.521	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.066	88	207160	41.883	ng	97
3) Pyridine	3.808	79	504841	37.623	ng	97
4) n-Nitrosodimethylamine	3.766	42	171146	39.860	ng	93
6) Aniline	6.725	93	372762m	21.196	ng	
8) 2-Chlorophenol	6.849	128	533768	49.027	ng	97
9) Benzaldehyde	6.619	77	319967	46.858	ng	97
10) Phenol	6.696	94	595406	44.388	ng	98
11) bis(2-Chloroethyl)ether	6.796	93	505512	45.791	ng	96
12) 1,3-Dichlorobenzene	7.007	146	577902	50.187	ng	99
13) 1,4-Dichlorobenzene	7.084	146	574915	50.018	ng	100
14) 1,2-Dichlorobenzene	7.237	146	551422	51.442	ng	98
15) Benzyl Alcohol	7.201	79	410066	43.364	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.337	45	497833	42.802	ng	96
17) 2-Methylphenol	7.307	107	412278	43.260	ng	99
18) Hexachloroethane	7.584	117	215705	50.025	ng	97
19) n-Nitroso-di-n-propyla...	7.472	70	292955	39.796	ng	97
20) 3+4-Methylphenols	7.460	107	518320	42.612	ng	94
22) Acetophenone	7.472	105	669715	45.793	ng	99
24) Nitrobenzene	7.648	77	491588	43.058	ng	96
25) Isophorone	7.884	82	930286	43.859	ng	98
26) 2-Nitrophenol	7.966	139	282993	50.888	ng	91
27) 2,4-Dimethylphenol	7.990	122	467231	48.001	ng	99
28) bis(2-Chloroethoxy)met...	8.090	93	600297	46.054	ng	100
29) 2,4-Dichlorophenol	8.201	162	417404	48.300	ng	98
30) 1,2,4-Trichlorobenzene	8.290	180	462145	49.938	ng	98
31) Naphthalene	8.378	128	1441597	47.095	ng	99
32) Benzoic acid	8.078	122	270077m	37.484	ng	
33) 4-Chloroaniline	8.413	127	142152	10.472	ng	98
34) Hexachlorobutadiene	8.490	225	268172	51.547	ng	99
35) Caprolactam	8.790	113	132445	44.955	ng	93
36) 4-Chloro-3-methylphenol	8.895	107	424389	45.583	ng	97
37) 2-Methylnaphthalene	9.072	142	929400	44.824	ng	100
38) 1-Methylnaphthalene	9.172	142	863863	44.832	ng	100
40) 1,2,4,5-Tetrachloroben...	9.237	216	420131	51.803	ng	99
41) Hexachlorocyclopentadiene	9.219	237	330394	69.825	ng	100
43) 2,4,6-Trichlorophenol	9.342	196	286784	49.468	ng	100

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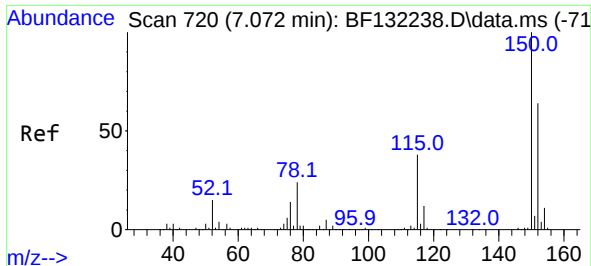
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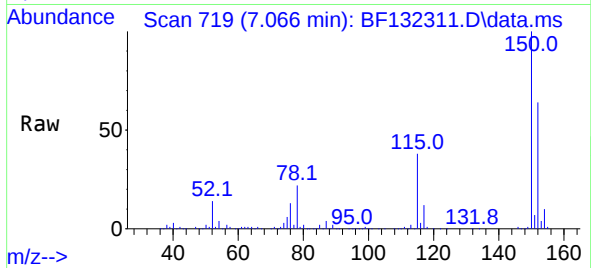
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.384	196	297201	44.539	ng	98
46) 1,1'-Biphenyl	9.537	154	1098215	49.428	ng	97
47) 2-Chloronaphthalene	9.560	162	841848	49.747	ng	99
48) 2-Nitroaniline	9.654	65	209942	41.714	ng	# 83
49) Acenaphthylene	9.984	152	1278590	46.294	ng	100
50) Dimethylphthalate	9.831	163	972403	48.235	ng	99
51) 2,6-Dinitrotoluene	9.895	165	215579	47.881	ng	# 85
52) Acenaphthene	10.154	154	843105	48.760	ng	100
53) 3-Nitroaniline	10.060	138	136418	24.985	ng	97
54) 2,4-Dinitrophenol	10.166	184	103835	41.961	ng	# 85
55) Dibenzofuran	10.325	168	1126268	46.359	ng	99
56) 4-Nitrophenol	10.213	139	302064	73.518	ng	96
57) 2,4-Dinitrotoluene	10.301	165	265977	45.477	ng	# 86
58) Fluorene	10.672	166	850988	45.514	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.437	232	214269	44.047	ng	97
60) Diethylphthalate	10.531	149	953382	47.539	ng	99
61) 4-Chlorophenyl-phenyle...	10.660	204	412567	46.495	ng	99
62) 4-Nitroaniline	10.678	138	160429	30.640	ng	97
63) Azobenzene	10.819	77	846753	43.346	ng	96
65) 4,6-Dinitro-2-methylph...	10.707	198	79145	33.163	ng	97
66) n-Nitrosodiphenylamine	10.778	169	729814	55.427	ng	99
67) 4-Bromophenyl-phenylether	11.154	248	246498	57.247	ng	99
68) Hexachlorobenzene	11.225	284	252072	54.771	ng	# 90
69) Atrazine	11.301	200	224783	59.351	ng	97
70) Pentachlorophenol	11.413	266	241904	76.499	ng	99
71) Phenanthrene	11.648	178	1748129	79.556	ng	100
72) Anthracene	11.695	178	1270105	56.797	ng	100
73) Carbazole	11.848	167	895942	44.683	ng	99
74) Di-n-butylphthalate	12.166	149	1235673	52.127	ng	99
75) Fluoranthene	12.848	202	2213157	98.699	ng	97
77) Benzidine	12.960	184	384192	44.779	ng	98
78) Pyrene	13.083	202	2480687	125.678	ng	98
80) Butylbenzylphthalate	13.683	149	425775	48.824	ng	98
81) Benzo(a)anthracene	14.277	228	1725124	100.507	ng	96
82) 3,3'-Dichlorobenzidine	14.230	252	200472	36.670	ng	99
83) Chrysene	14.313	228	1629602m	101.392	ng	
84) Bis(2-ethylhexyl)phtha...	14.242	149	609636	51.719	ng	# 99
85) Di-n-octyl phthalate	14.877	149	1125715	58.551	ng	97
87) Indeno(1,2,3-cd)pyrene	17.542	276	1555244	81.526	ng	94
88) Benzo(b)fluoranthene	15.407	252	2419234m	132.566	ng	
89) Benzo(k)fluoranthene	15.436	252	1064061	61.085	ng	98
90) Benzo(a)pyrene	15.819	252	1896934	111.626	ng	98
91) Dibenzo(a,h)anthracene	17.560	278	826873	53.912	ng	99
92) Benzo(g,h,i)perylene	18.054	276	1350219	85.214	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

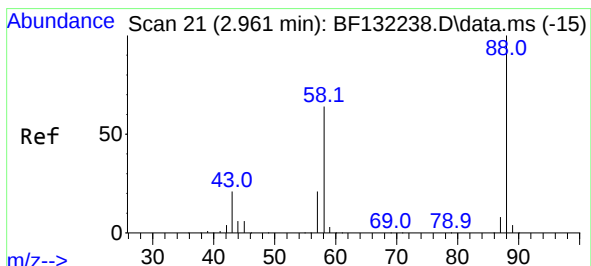
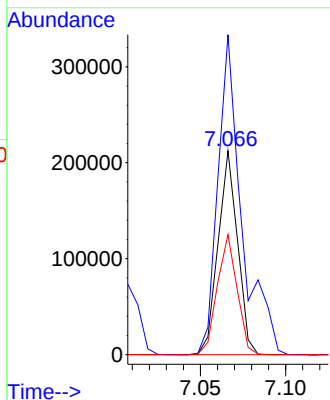
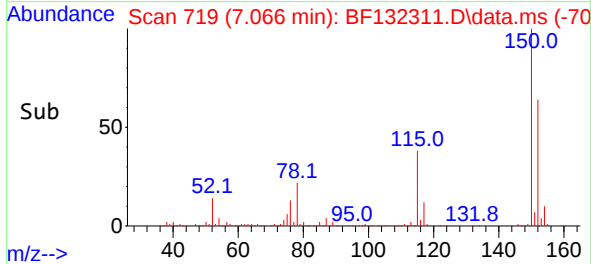
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



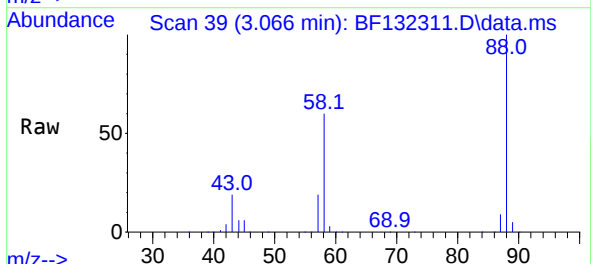
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Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.2
115 58.9 47.3 70.9

Manual Integrations
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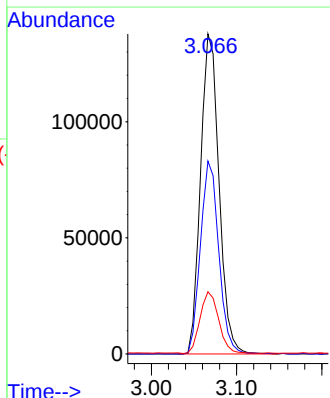
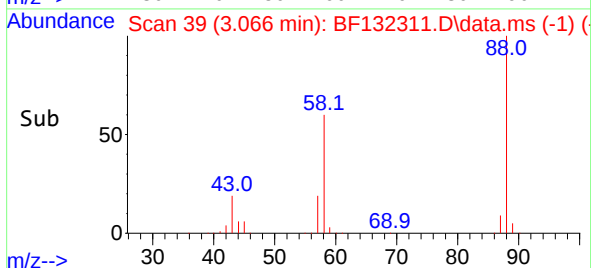
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

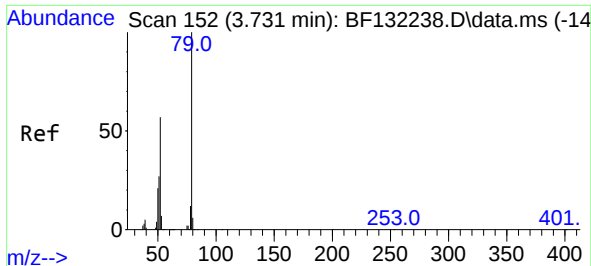


#2
1,4-Dioxane
Concen: 41.883 ng
RT: 3.066 min Scan# 39
Delta R.T. 0.106 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



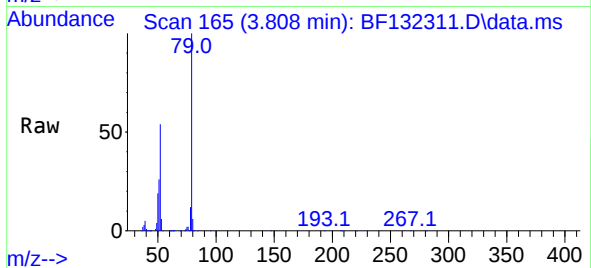
Tgt Ion: 88 Resp: 207160
Ion Ratio Lower Upper
88 100
58 60.0 50.2 75.2
43 19.5 16.9 25.3





#3
Pyridine
Concen: 37.623 ng
RT: 3.808 min Scan# 11
Delta R.T. 0.076 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

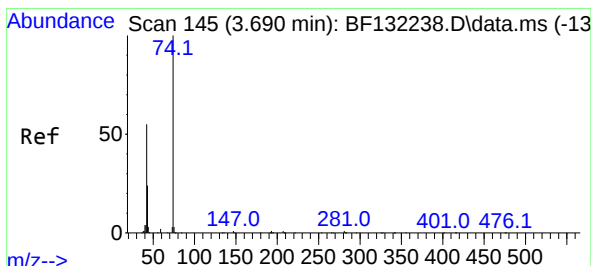
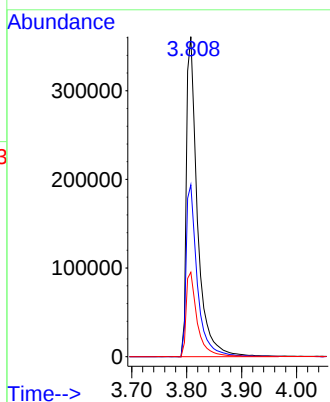
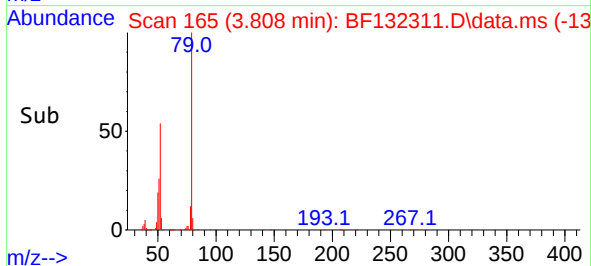
Instrument :
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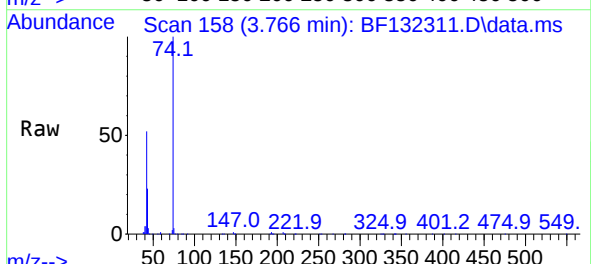
Tgt Ion: 79 Resp: 50484
Ion Ratio Lower Upper
79 100
52 53.7 45.6 68.4
51 26.4 21.5 32.3

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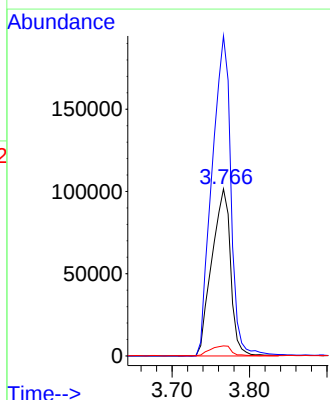
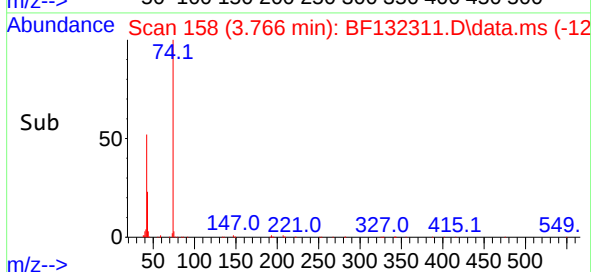
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Supervised By :Jagrut Upadhyay 02/03/2023

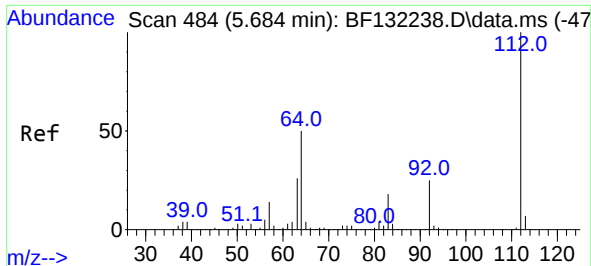


#4
n-Nitrosodimethylamine
Concen: 39.860 ng
RT: 3.766 min Scan# 158
Delta R.T. 0.076 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



Tgt Ion: 42 Resp: 171146
Ion Ratio Lower Upper
42 100
74 191.5 144.6 217.0
44 6.0 5.1 7.7





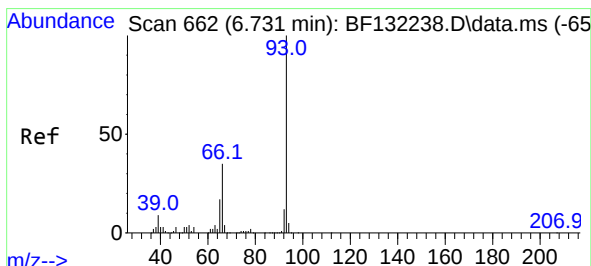
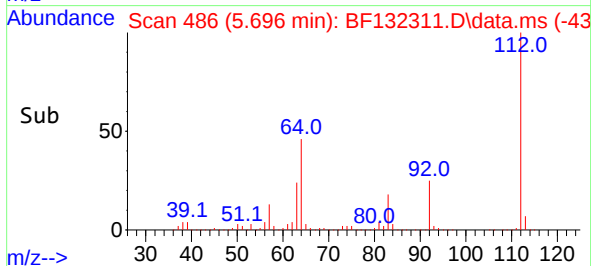
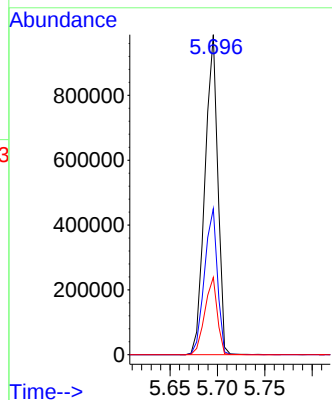
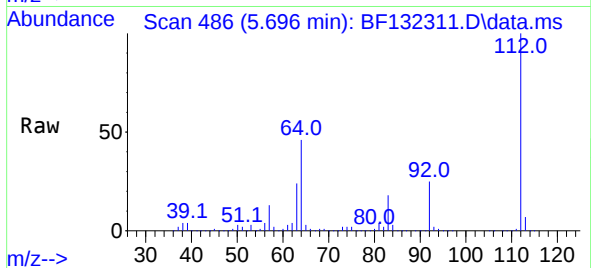
#5
2-Fluorophenol
Concen: 88.359 ng
RT: 5.696 min Scan# 484
Delta R.T. 0.012 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 928820
Ion Ratio Lower Upper
112 100
64 45.6 40.0 60.0
63 24.2 20.5 30.7

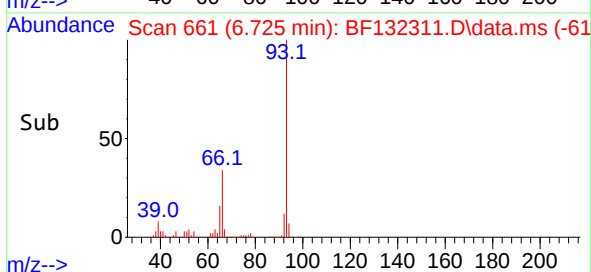
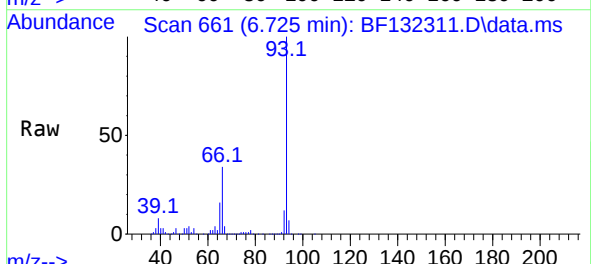
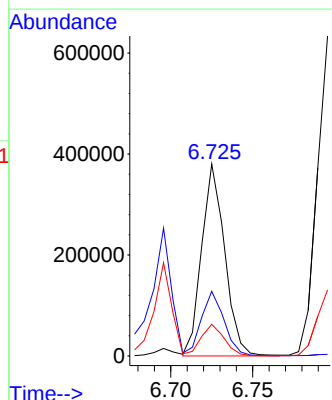
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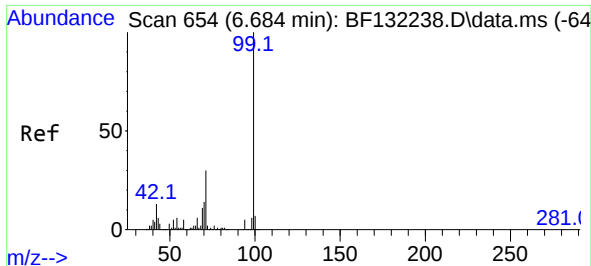
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#6
Aniline
Concen: 21.196 ng m
RT: 6.725 min Scan# 661
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

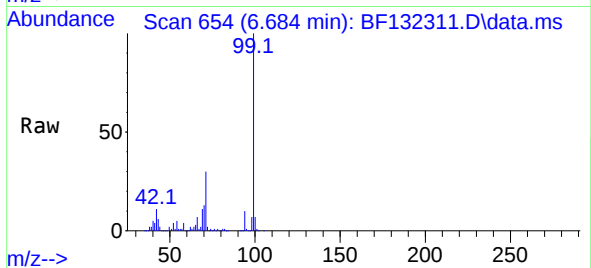
Tgt Ion: 93 Resp: 372762
Ion Ratio Lower Upper
93 100
66 33.7 28.8 43.2
65 16.5 14.2 21.4





#7
Phenol-d6
Concen: 88.641 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

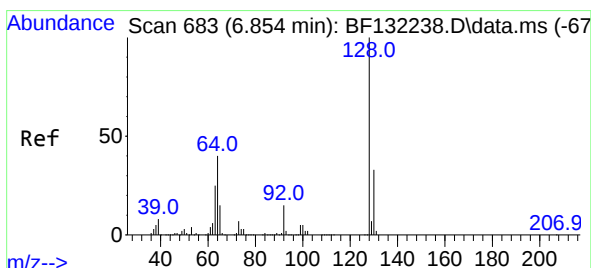
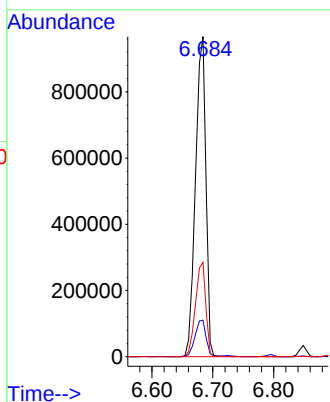
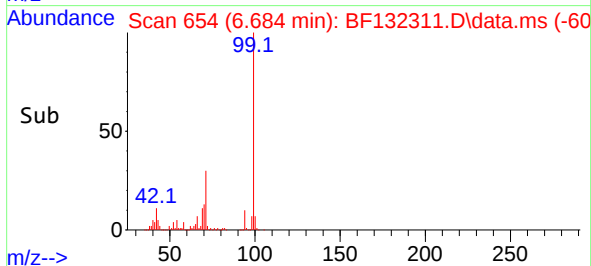
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Tgt Ion: 99 Resp: 1148762
Ion Ratio Lower Upper
99 100
42 11.4 10.1 15.1
71 29.5 24.2 36.4

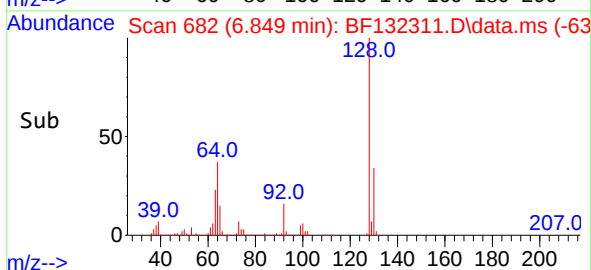
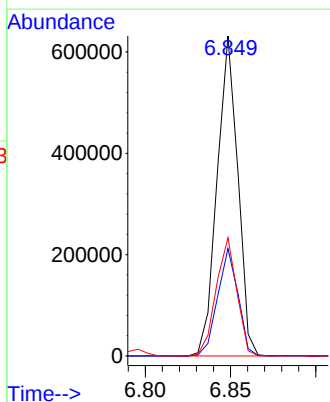
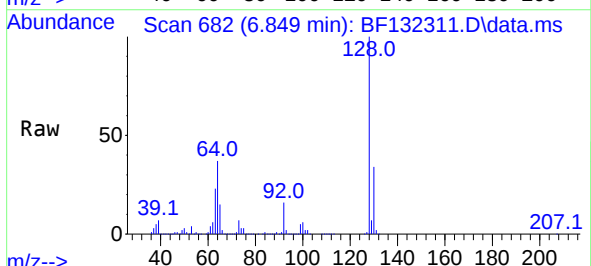
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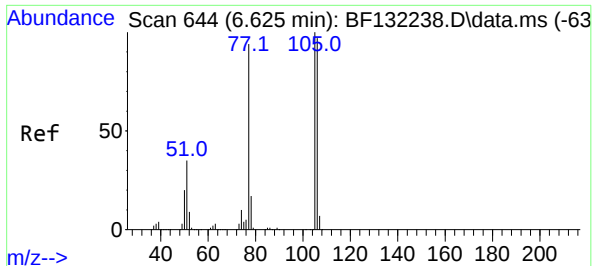
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#8
2-Chlorophenol
Concen: 49.027 ng
RT: 6.849 min Scan# 682
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

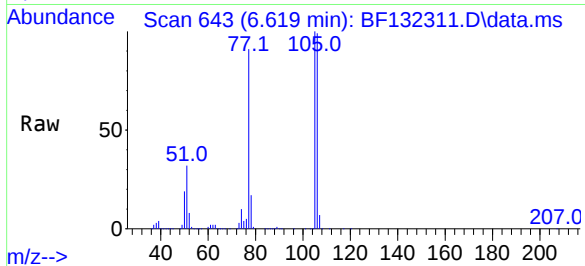
Tgt Ion:128 Resp: 533768
Ion Ratio Lower Upper
128 100
130 33.6 13.3 53.3
64 37.0 20.1 60.1





#9
Benzaldehyde
Concen: 46.858 ng
RT: 6.619 min Scan# 644
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

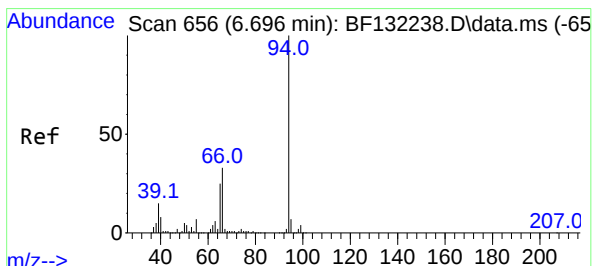
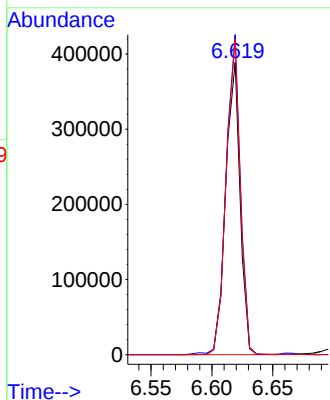
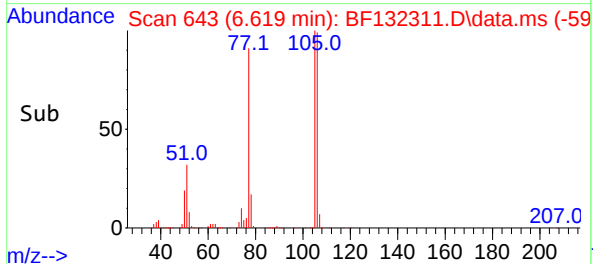
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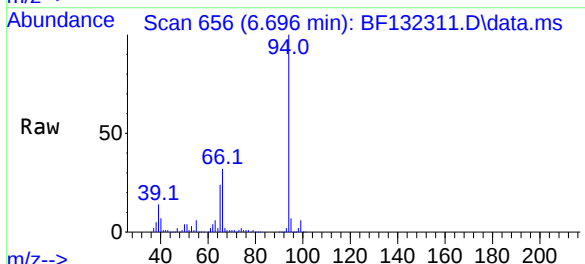
Tgt Ion: 77 Resp: 31996
Ion Ratio Lower Upper
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106 107.9 83.8 123.8

Manual Integrations
APPROVED

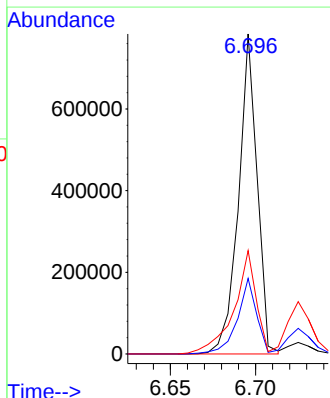
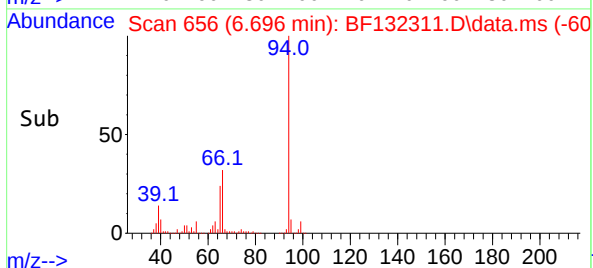
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

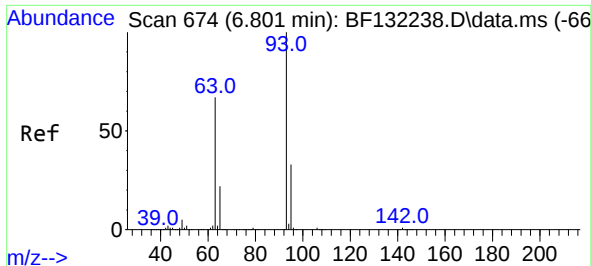


#10
Phenol
Concen: 44.388 ng
RT: 6.696 min Scan# 656
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



Tgt Ion: 94 Resp: 595406
Ion Ratio Lower Upper
94 100
65 23.6 5.1 45.1
66 32.3 13.0 53.0





#11
bis(2-Chloroethyl)ether
Concen: 45.791 ng
RT: 6.796 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

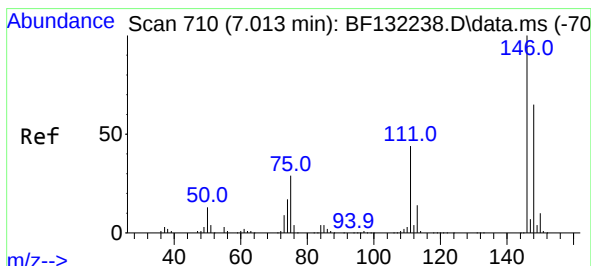
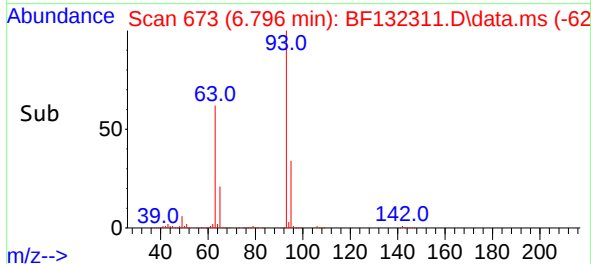
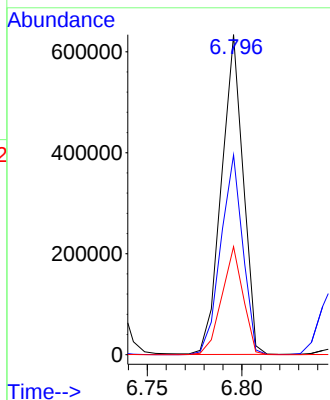
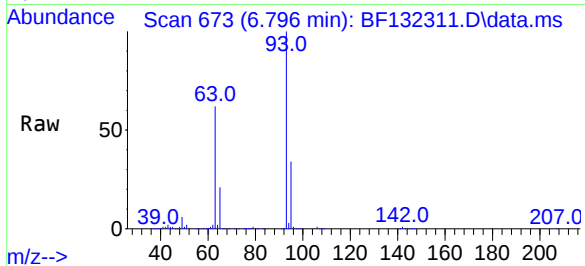
ClientSampleId :

JPP-9-013123MSD

Tgt Ion: 93 Resp: 50551
Ion Ratio Lower Upper
93 100
63 62.4 46.7 86.7
95 33.7 13.4 53.4

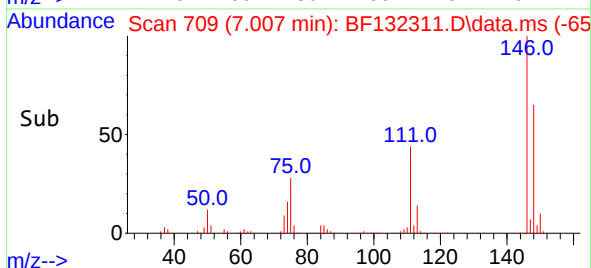
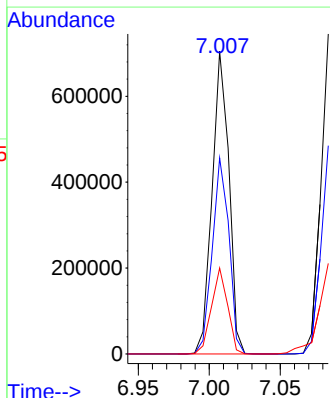
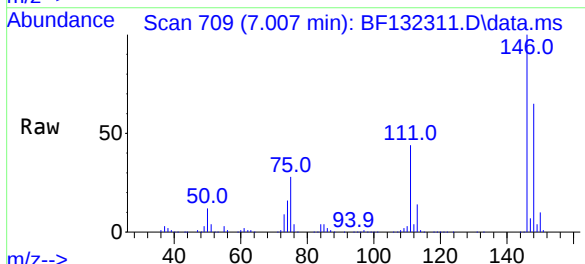
Manual Integrations
APPROVED

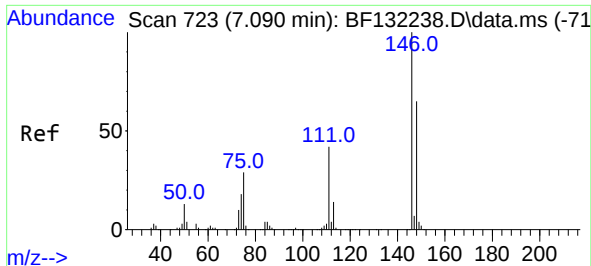
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#12
1,3-Dichlorobenzene
Concen: 50.187 ng
RT: 7.007 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

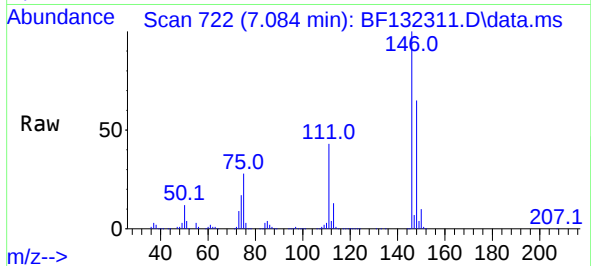
Tgt Ion:146 Resp: 577902
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 28.4 23.5 35.3





#13
1,4-Dichlorobenzene
Concen: 50.018 ng
RT: 7.084 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

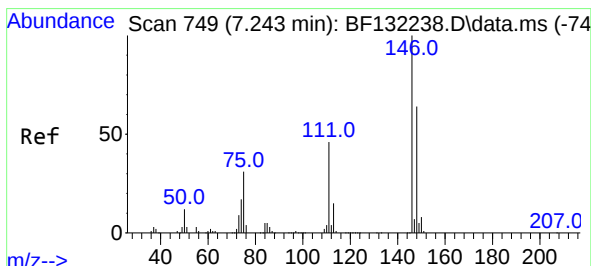
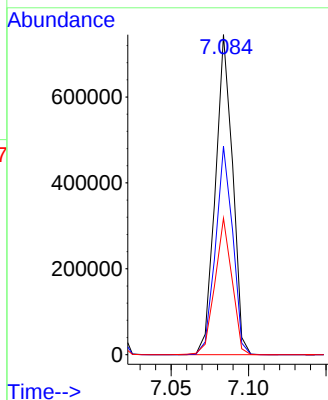
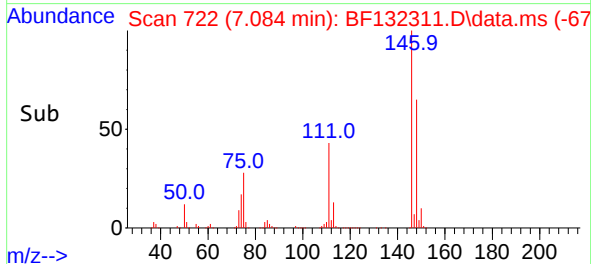
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



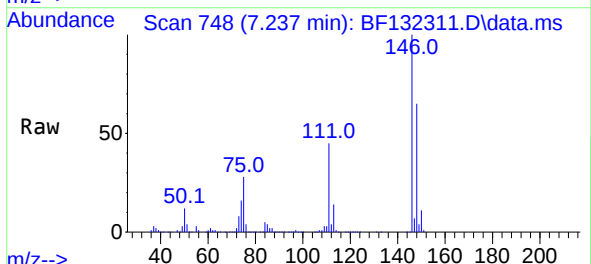
Tgt Ion:146 Resp: 574915
Ion Ratio Lower Upper
146 100
148 65.1 52.4 78.6
111 42.6 34.0 51.0

Manual Integrations
APPROVED

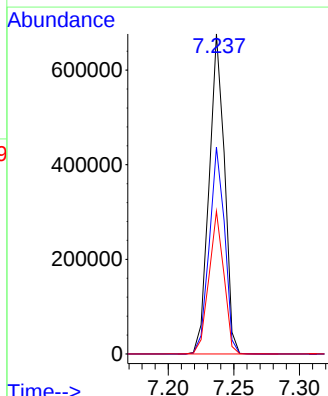
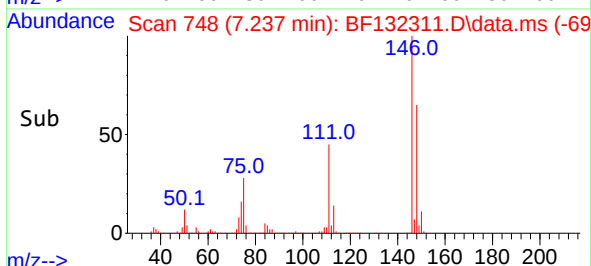
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

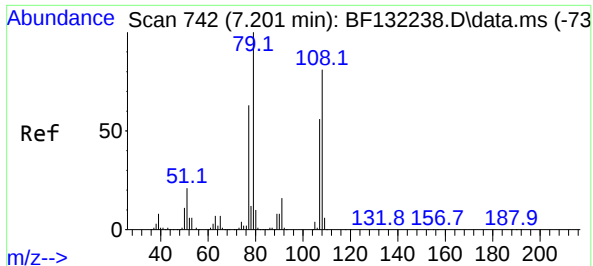


#14
1,2-Dichlorobenzene
Concen: 51.442 ng
RT: 7.237 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



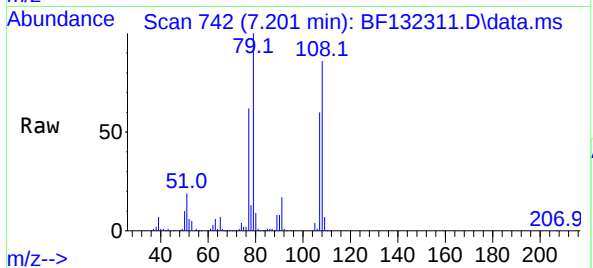
Tgt Ion:146 Resp: 551422
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.0
111 44.6 37.1 55.7





#15
Benzyl Alcohol
Concen: 43.364 ng
RT: 7.201 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

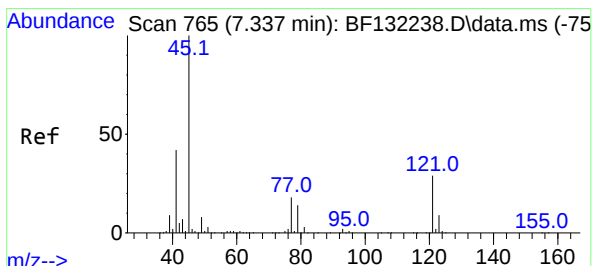
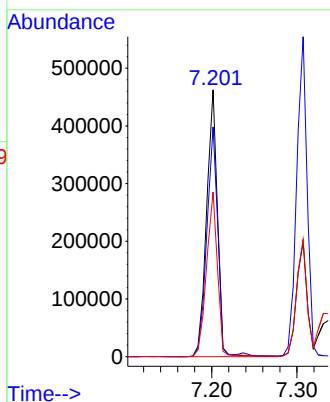
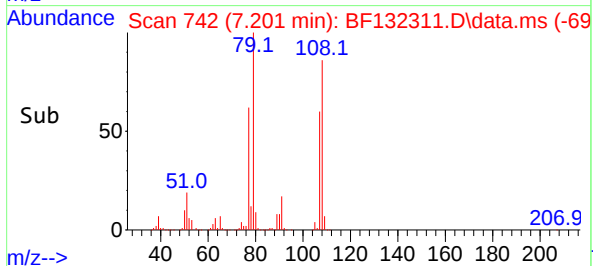
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



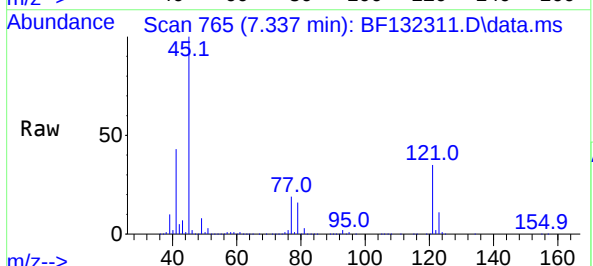
Tgt Ion: 79 Resp: 410060
Ion Ratio Lower Upper
79 100
108 86.1 64.6 97.0
77 61.7 50.1 75.1

Manual Integrations
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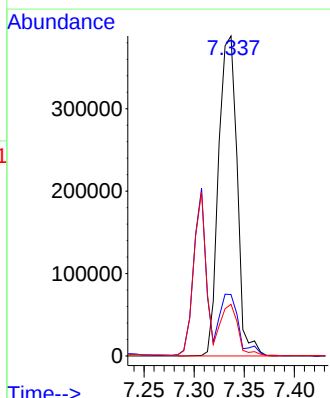
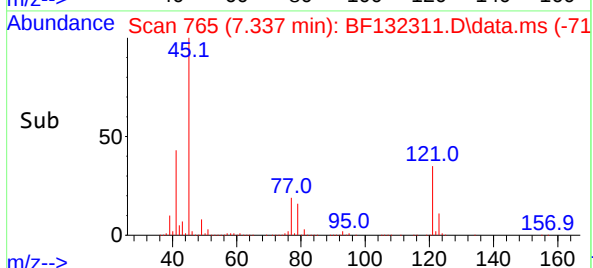
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

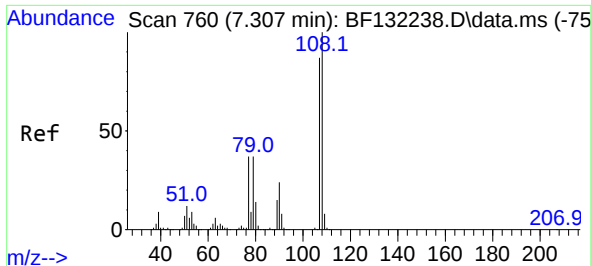


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.802 ng
RT: 7.337 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



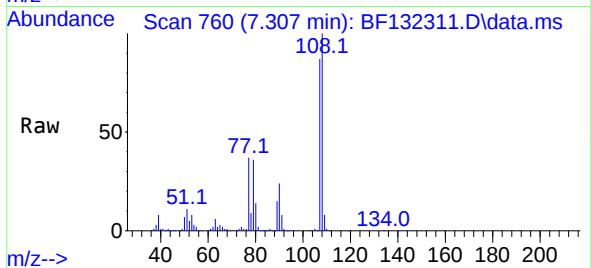
Tgt Ion: 45 Resp: 497833
Ion Ratio Lower Upper
45 100
77 19.2 0.0 38.0
79 16.1 0.0 33.8





#17
2-Methylphenol
Concen: 43.260 ng
RT: 7.307 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

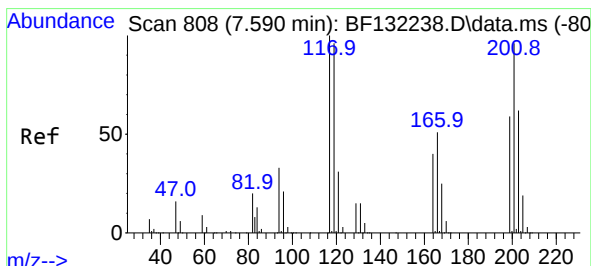
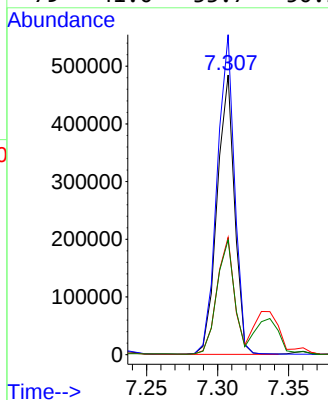
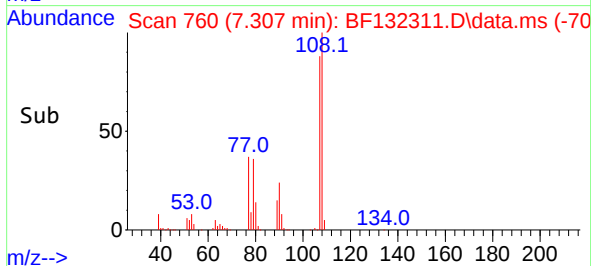
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



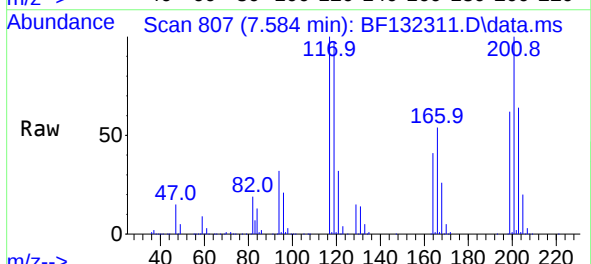
Tgt Ion:107 Resp: 412278
Ion Ratio Lower Upper
107 100
108 114.4 91.8 137.6
77 41.9 34.2 51.2
79 41.0 33.7 50.5

Manual Integrations
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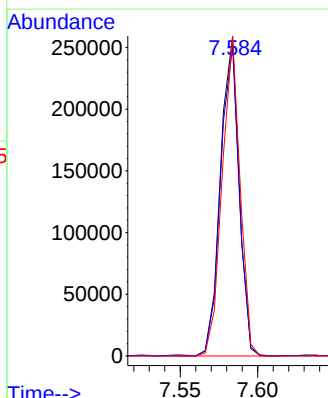
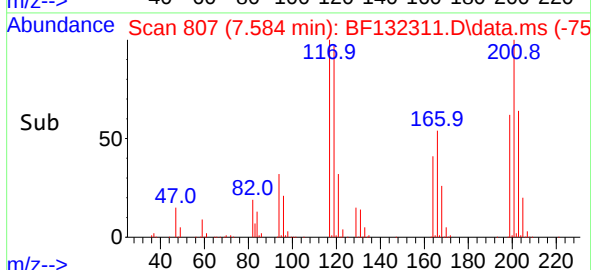
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

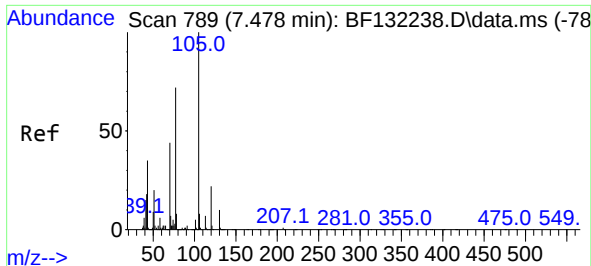


#18
Hexachloroethane
Concen: 50.025 ng
RT: 7.584 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



Tgt Ion:117 Resp: 215705
Ion Ratio Lower Upper
117 100
119 97.1 76.7 115.1
201 100.3 76.6 114.8





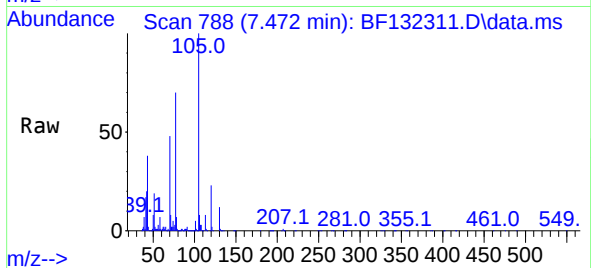
#19
n-Nitroso-di-n-propylamine
Concen: 39.796 ng
RT: 7.472 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

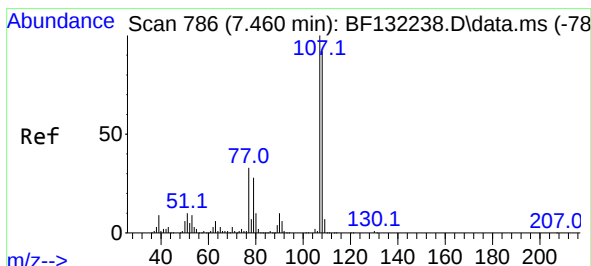
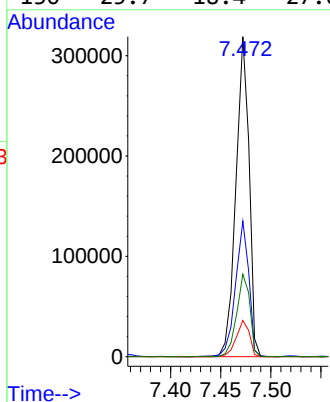
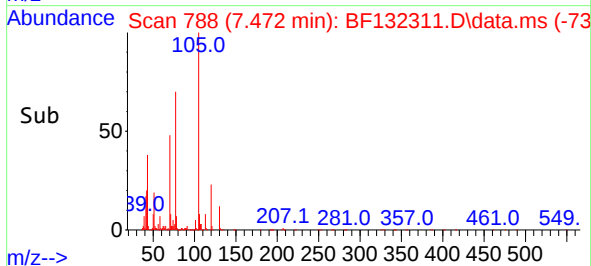


Tgt Ion: 70 Resp: 29295
Ion Ratio Lower Upper
70 100
42 42.3 33.4 50.0
101 11.3 8.2 12.4
130 25.7 18.4 27.6

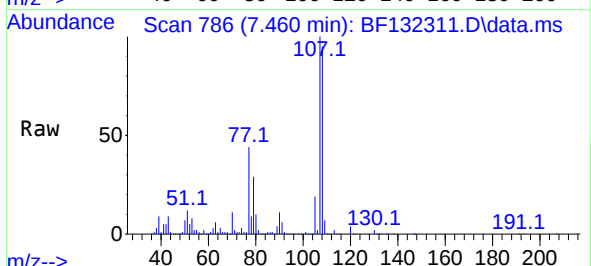
Manual Integrations

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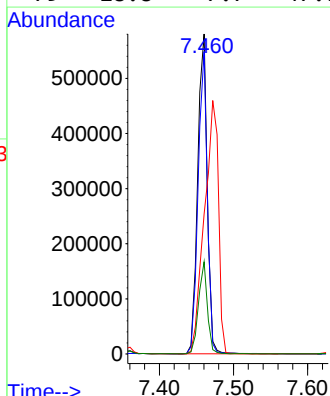
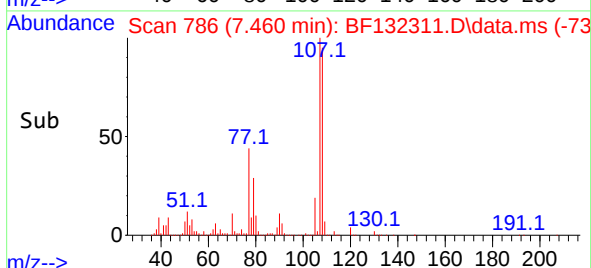
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

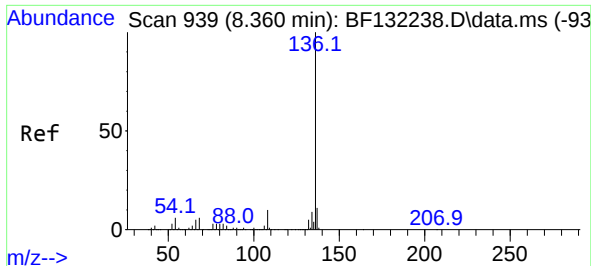


#20
3+4-Methylphenols
Concen: 42.612 ng
RT: 7.460 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



Tgt Ion:107 Resp: 518320
Ion Ratio Lower Upper
107 100
108 94.6 71.6 111.6
77 43.7 13.4 53.4
79 28.8 7.7 47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.354 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

Tgt Ion:136 Resp: 621878

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.5 4.9 7.3

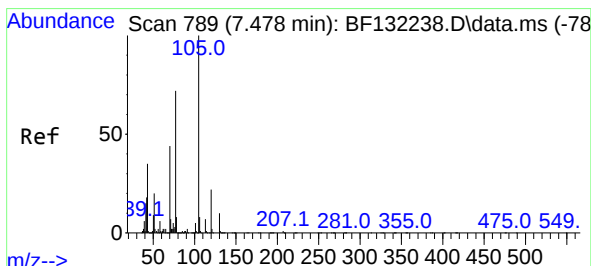
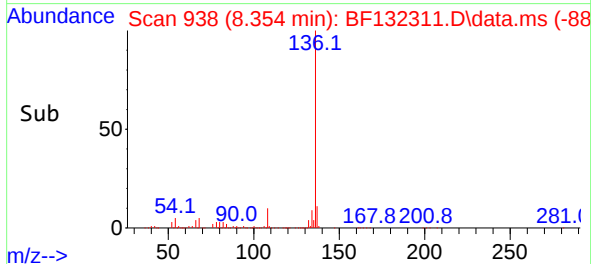
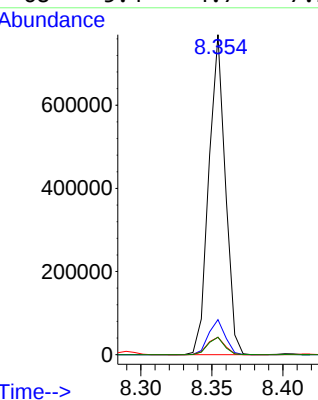
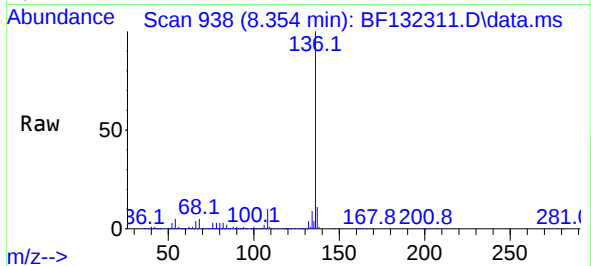
68 5.4 4.7 7.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#22

Acetophenone

Concen: 45.793 ng

RT: 7.472 min Scan# 788

Delta R.T. -0.006 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Tgt Ion:105 Resp: 669715

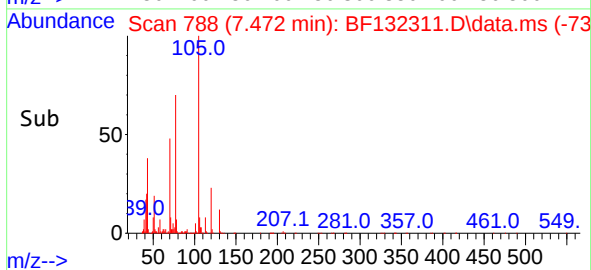
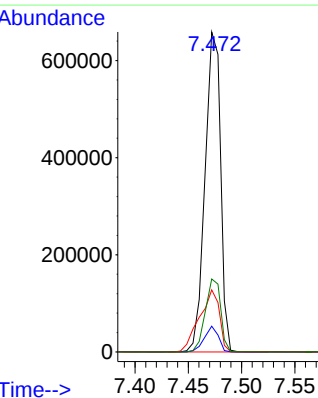
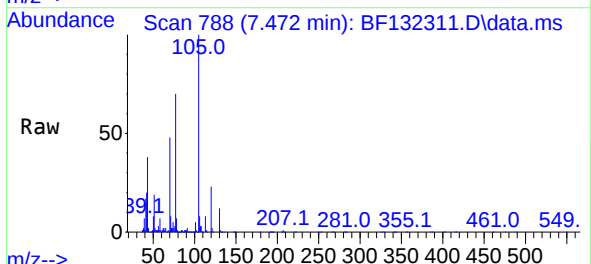
Ion Ratio Lower Upper

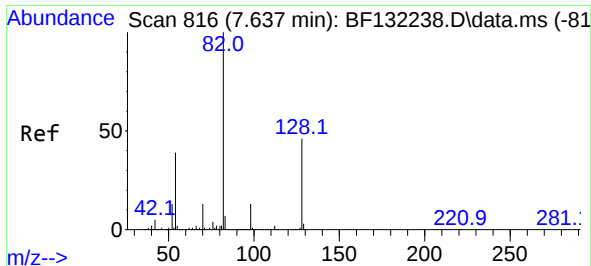
105 100

71 8.1 5.8 8.6

51 19.4 16.2 24.2

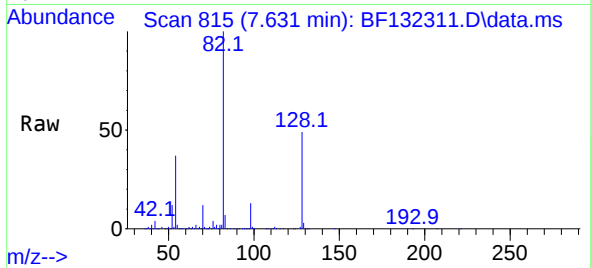
120 22.8 18.0 27.0





#23
Nitrobenzene-d5
Concen: 61.779 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

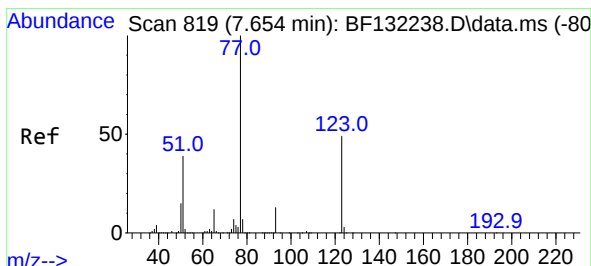
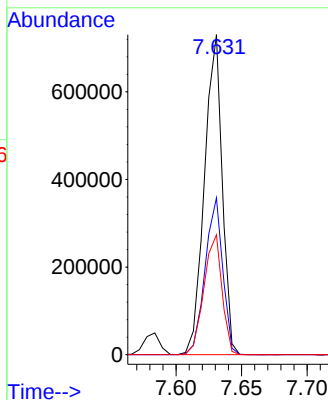
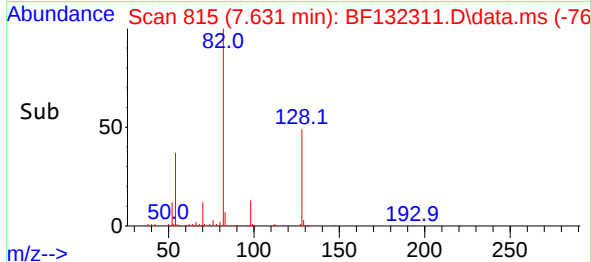
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



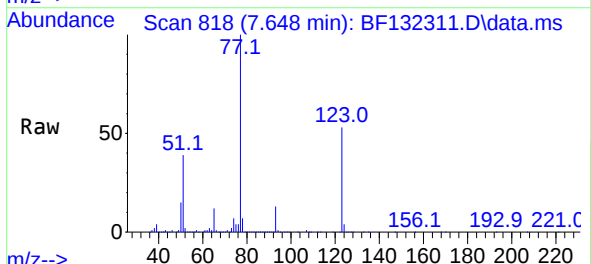
Tgt Ion: 82 Resp: 690399
Ion Ratio Lower Upper
82 100
128 49.0 37.0 55.4
54 37.4 31.5 47.3

Manual Integrations
APPROVED

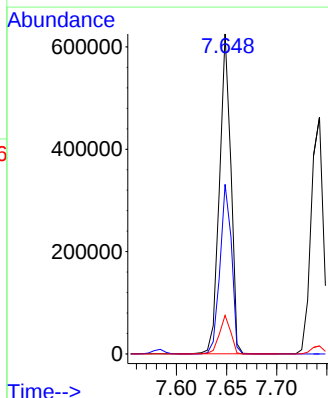
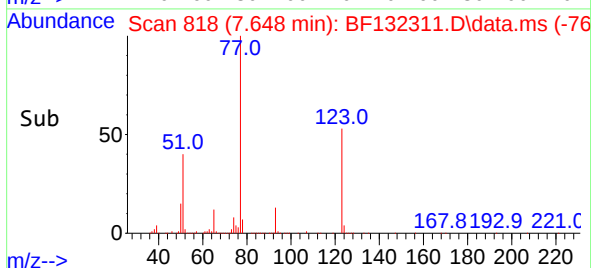
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

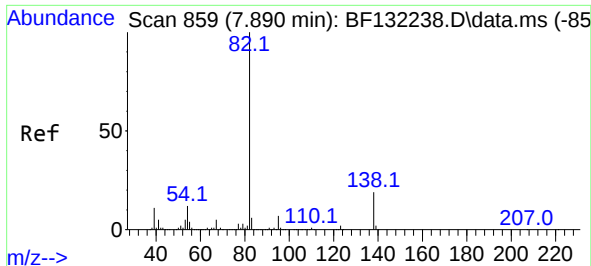


#24
Nitrobenzene
Concen: 43.058 ng
RT: 7.648 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



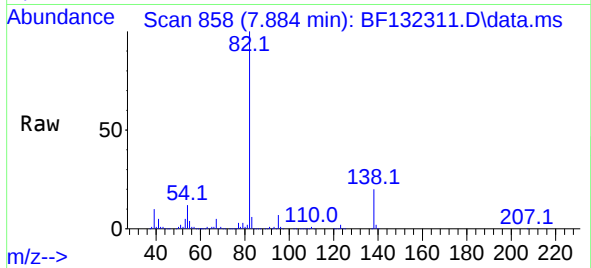
Tgt Ion: 77 Resp: 491588
Ion Ratio Lower Upper
77 100
123 53.0 39.5 59.3
65 12.0 9.8 14.8





#25
Isophorone
Concen: 43.859 ng
RT: 7.884 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

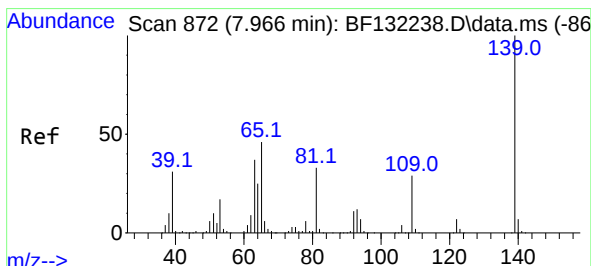
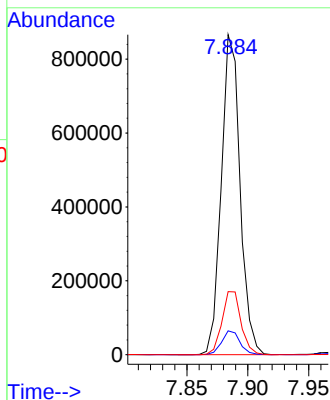
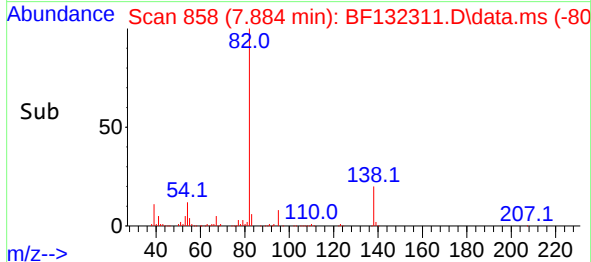
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



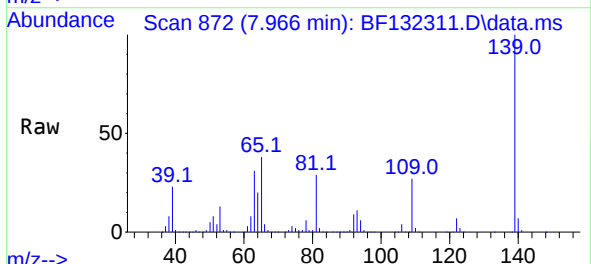
Tgt Ion: 82 Resp: 930280
Ion Ratio Lower Upper
82 100
95 7.5 5.6 8.4
138 19.7 15.0 22.6

Manual Integrations
APPROVED

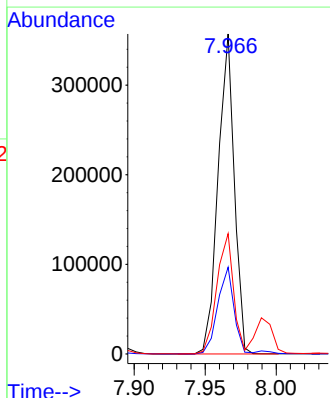
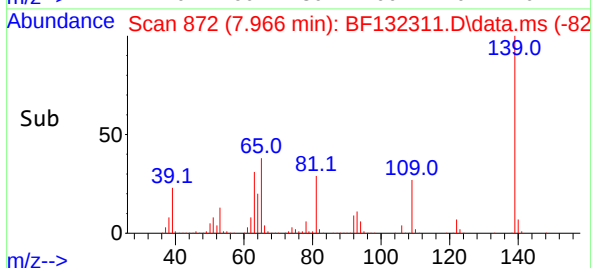
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

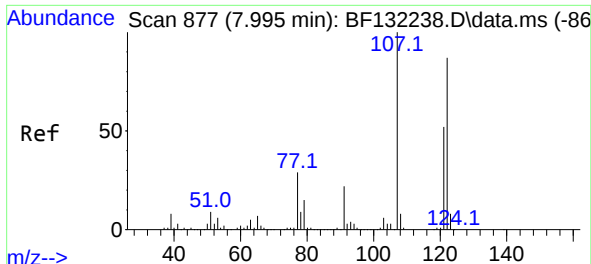


#26
2-Nitrophenol
Concen: 50.888 ng
RT: 7.966 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



Tgt Ion:139 Resp: 282993
Ion Ratio Lower Upper
139 100
109 27.1 23.0 34.6
65 37.6 36.6 55.0





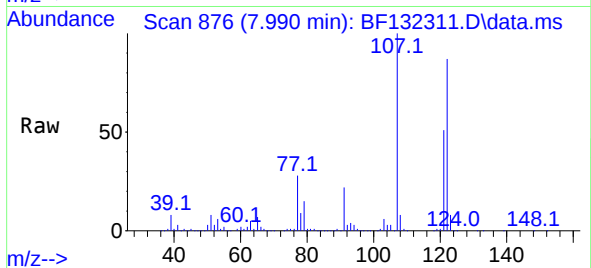
#27
2,4-Dimethylphenol
Concen: 48.001 ng
RT: 7.990 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

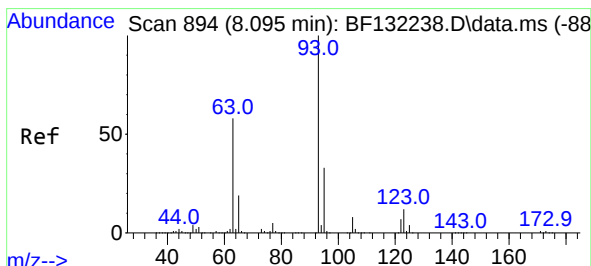
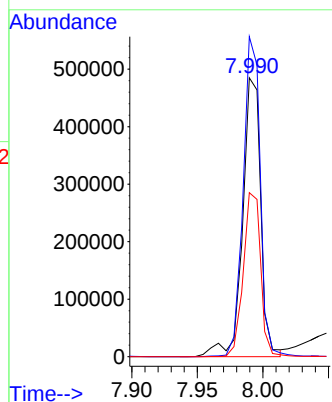
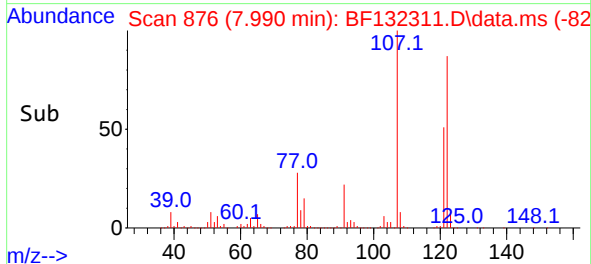


Tgt Ion:122 Resp: 46723
Ion Ratio Lower Upper
122 100
107 114.7 91.9 137.9
121 58.8 47.8 71.8

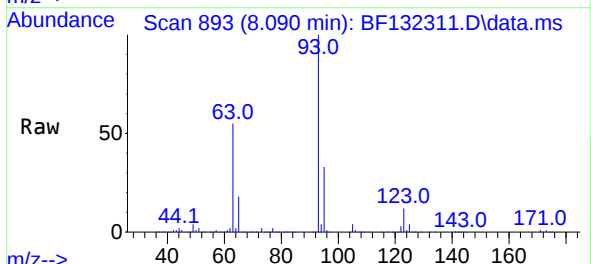
Manual Integrations

APPROVED

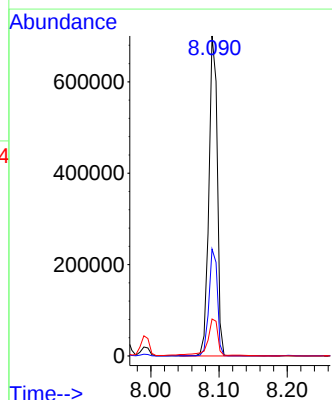
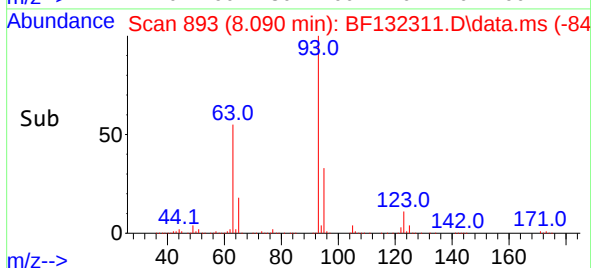
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

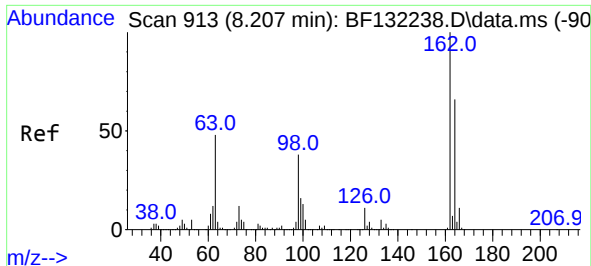


#28
bis(2-Chloroethoxy)methane
Concen: 46.054 ng
RT: 8.090 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



Tgt Ion: 93 Resp: 600297
Ion Ratio Lower Upper
93 100
95 33.4 26.6 40.0
123 11.5 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 48.300 ng
RT: 8.201 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

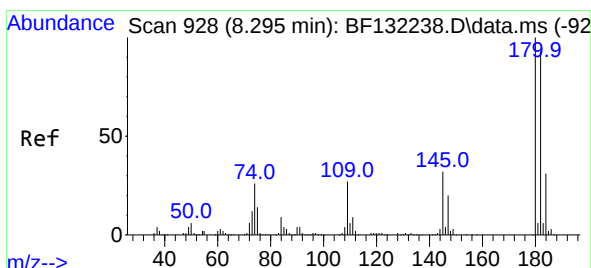
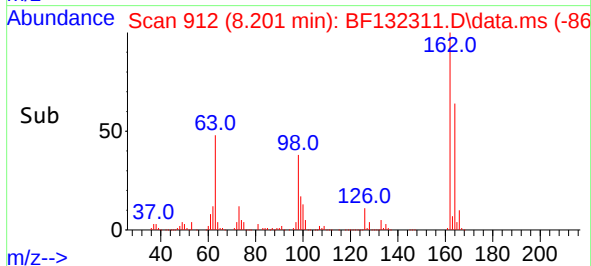
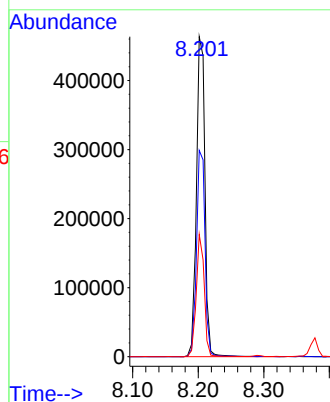
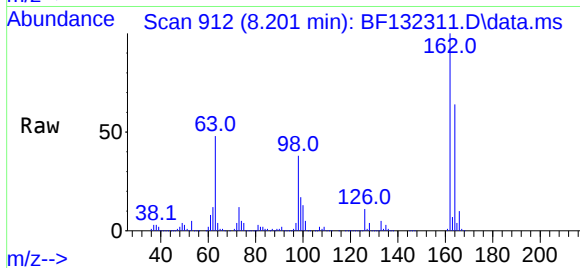
JPP-9-013123MSD

Tgt Ion:162 Resp: 417404
Ion Ratio Lower Upper
162 100
164 64.5 46.4 86.4
98 38.2 17.8 57.8

Manual Integrations

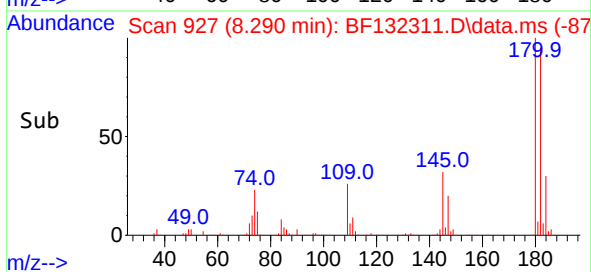
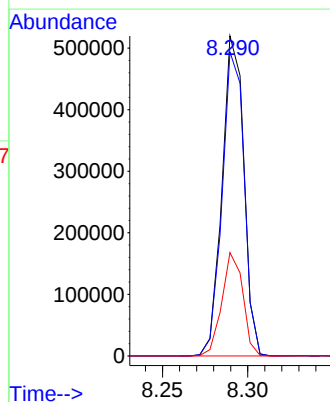
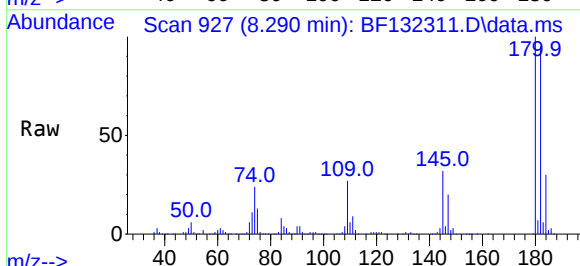
APPROVED

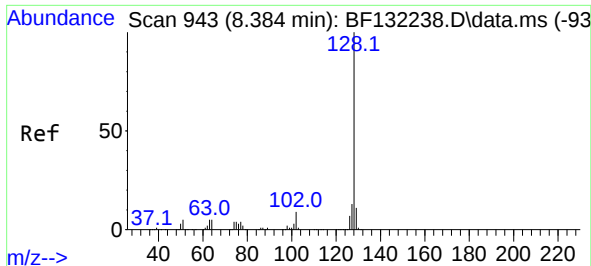
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#30
1,2,4-Trichlorobenzene
Concen: 49.938 ng
RT: 8.290 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

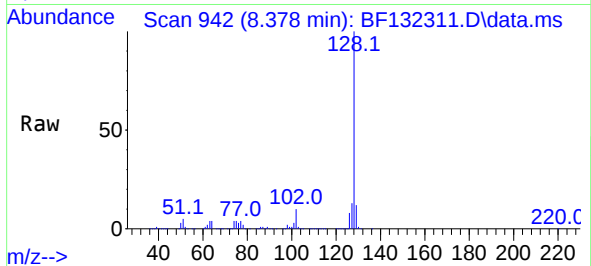
Tgt Ion:180 Resp: 462145
Ion Ratio Lower Upper
180 100
182 95.0 74.6 112.0
145 32.3 25.3 37.9





#31
Naphthalene
Concen: 47.095 ng
RT: 8.378 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

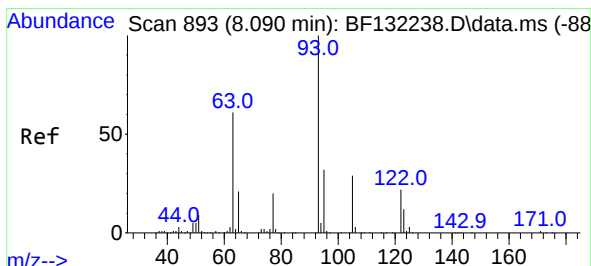
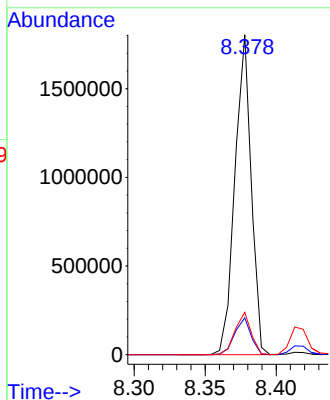
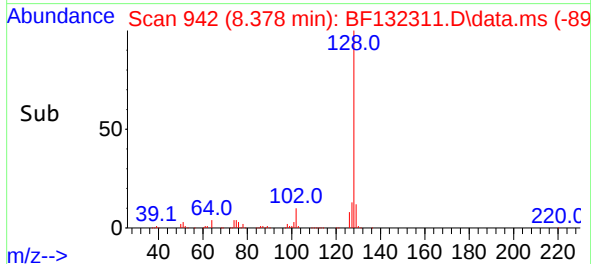
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



Tgt Ion:128 Resp: 1441597
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.3 10.5 15.7

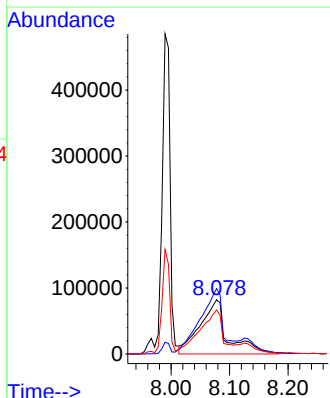
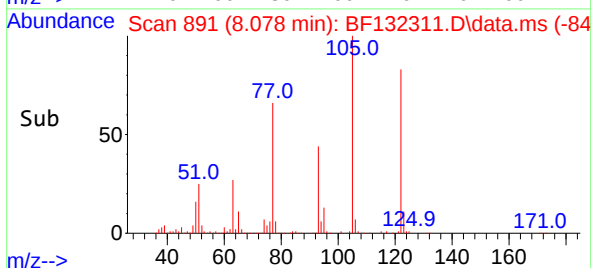
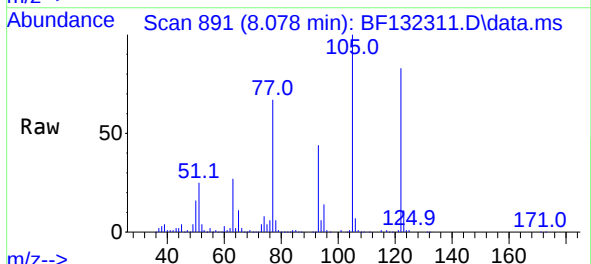
Manual Integrations
APPROVED

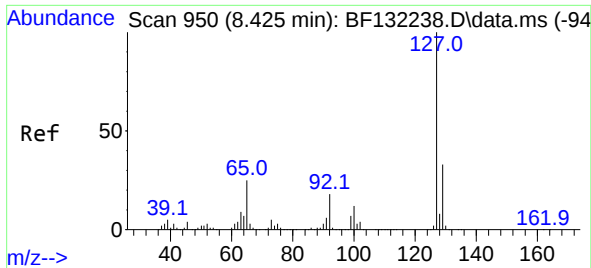
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#32
Benzoic acid
Concen: 37.484 ng m
RT: 8.078 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:122 Resp: 270077
Ion Ratio Lower Upper
122 100
105 120.6 106.3 146.3
77 81.0 70.6 110.6





#33
4-Chloroaniline
Concen: 10.472 ng
RT: 8.413 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

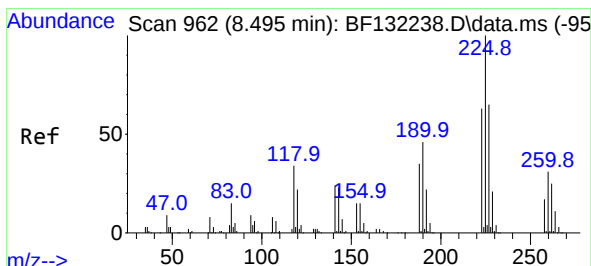
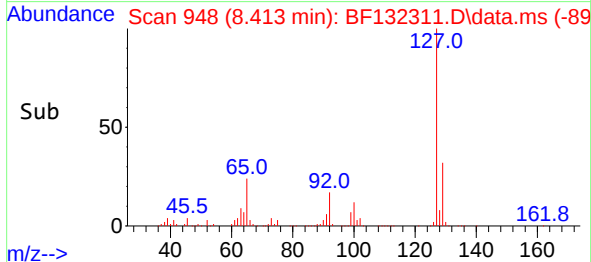
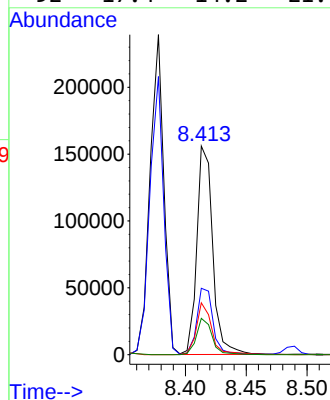
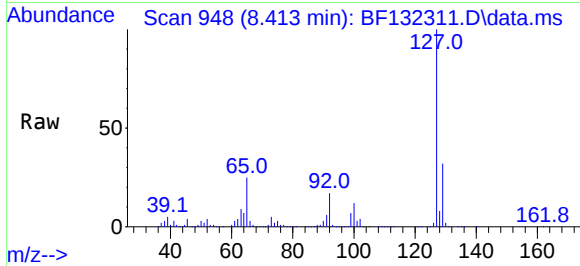
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

Tgt Ion:127 Resp: 14215

Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	39.8
65	24.8	20.2	30.2
92	17.4	14.2	21.4

Manual Integrations
APPROVED

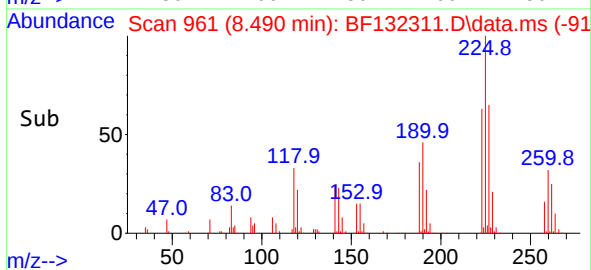
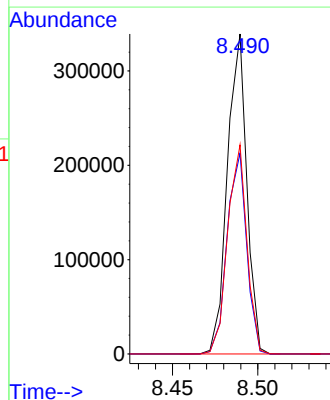
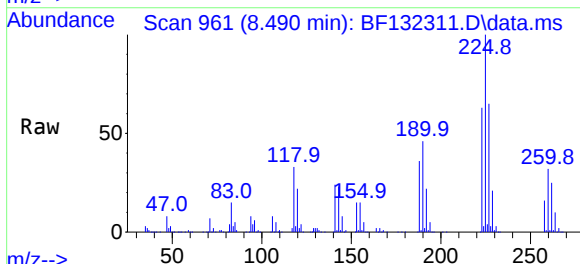
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

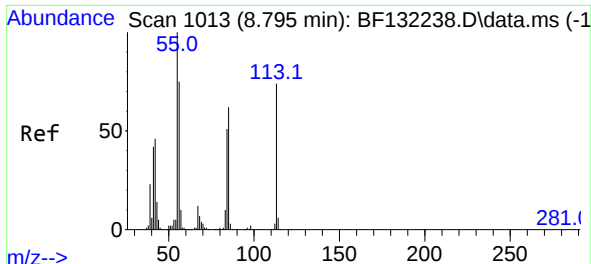


#34
Hexachlorobutadiene
Concen: 51.547 ng
RT: 8.490 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:225 Resp: 268172

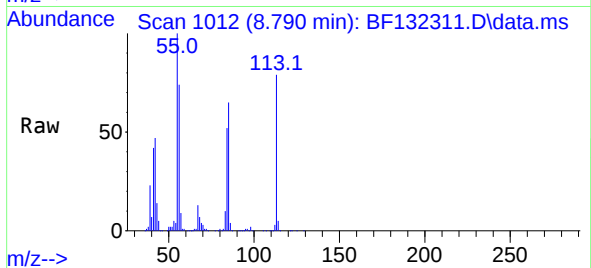
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	75.8
227	65.4	51.7	77.5





#35
Caprolactam
Concen: 44.955 ng
RT: 8.790 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

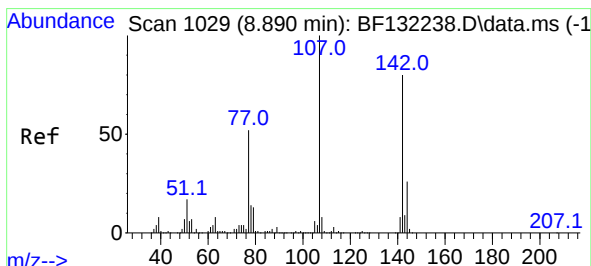
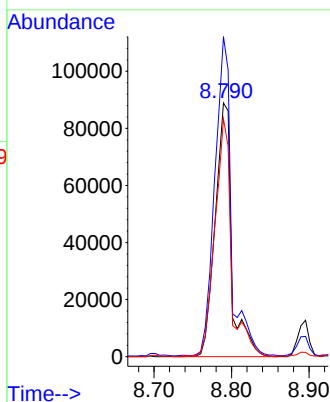
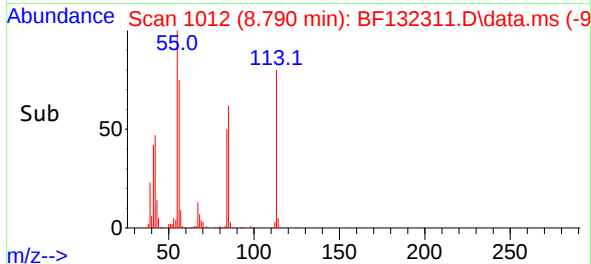
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



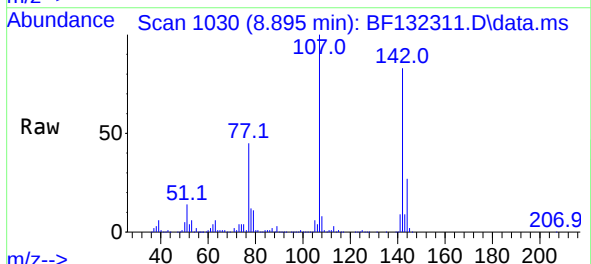
Tgt Ion:113 Resp: 132445
Ion Ratio Lower Upper
113 100
55 126.1 114.7 154.7
56 93.7 81.1 121.1

Manual Integrations
APPROVED

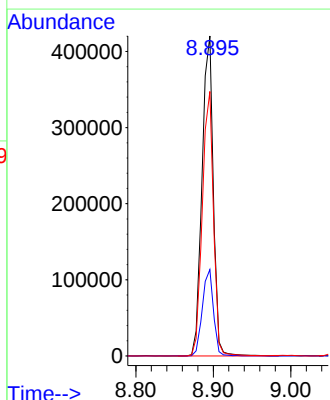
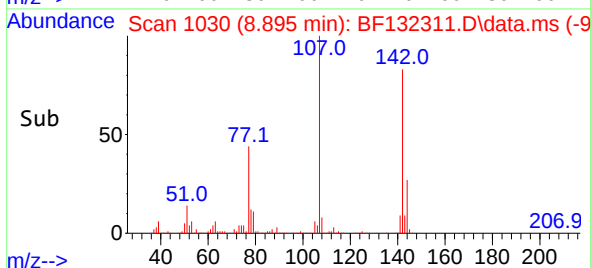
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

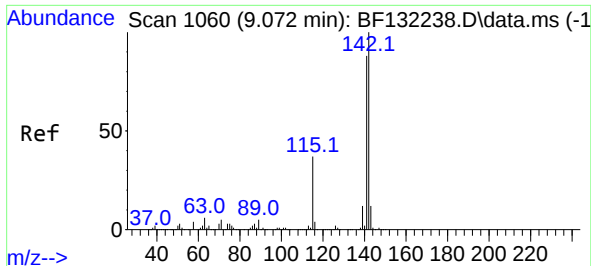


#36
4-Chloro-3-methylphenol
Concen: 45.583 ng
RT: 8.895 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



Tgt Ion:107 Resp: 424389
Ion Ratio Lower Upper
107 100
144 27.0 20.5 30.7
142 82.7 63.6 95.4





#37
2-Methylnaphthalene
Concen: 44.824 ng
RT: 9.072 min Scan# 1060
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

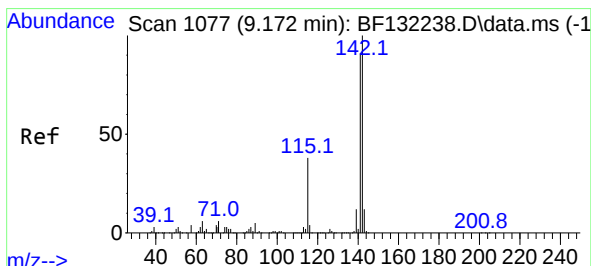
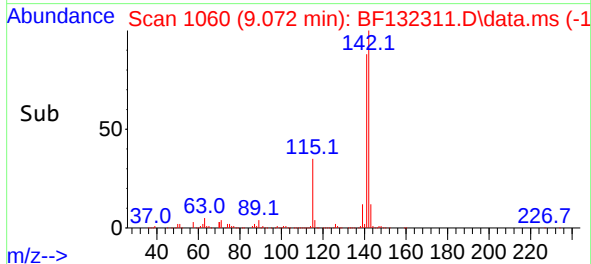
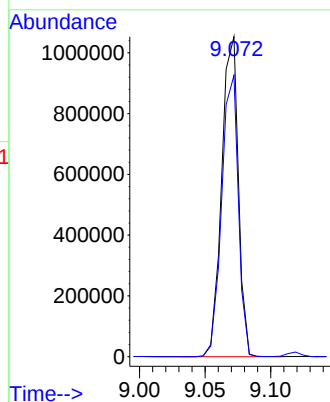
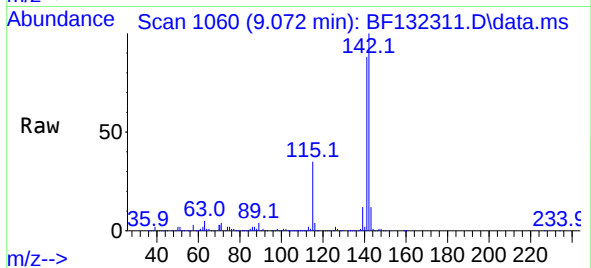
JPP-9-013123MSD

Tgt Ion:142 Resp: 929400
Ion Ratio Lower Upper
142 100
141 87.9 70.1 105.1

Manual Integrations

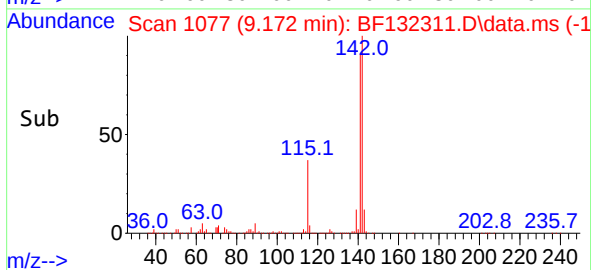
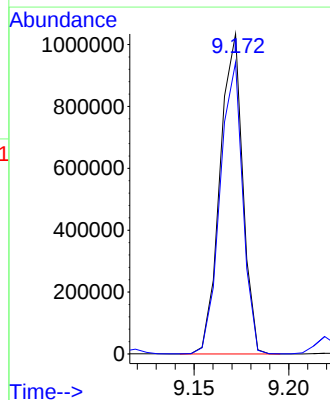
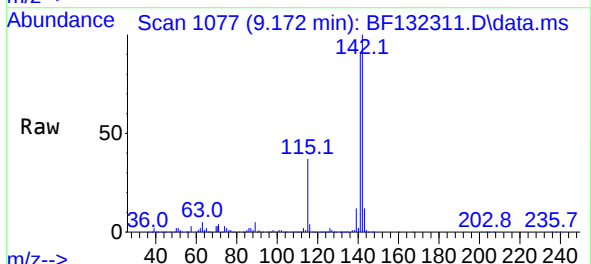
APPROVED

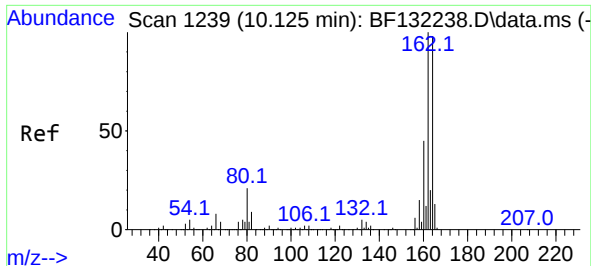
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#38
1-Methylnaphthalene
Concen: 44.832 ng
RT: 9.172 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

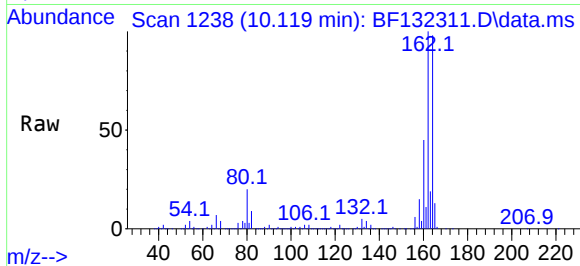
Tgt Ion:142 Resp: 863863
Ion Ratio Lower Upper
142 100
141 91.1 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

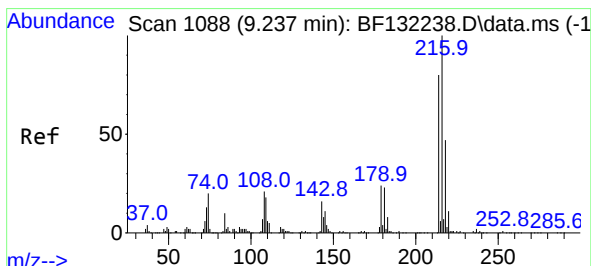
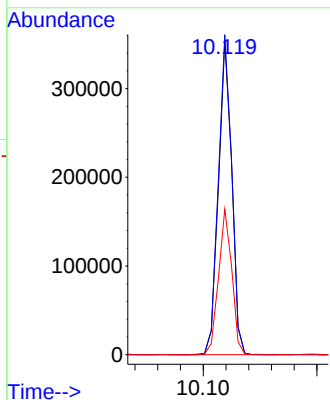
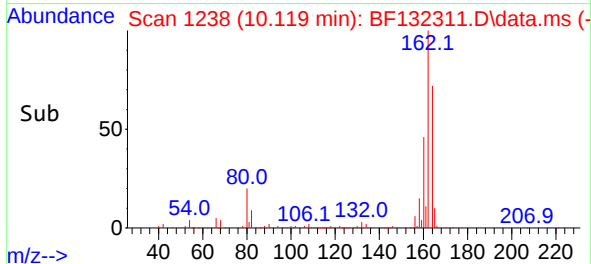
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



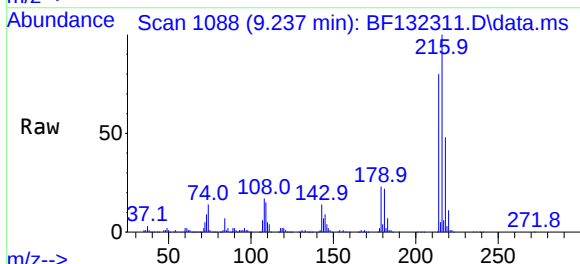
Tgt Ion:164 Resp: 28819
Ion Ratio Lower Upper
164 100
162 102.2 82.0 123.0
160 46.5 37.1 55.7

Manual Integrations
APPROVED

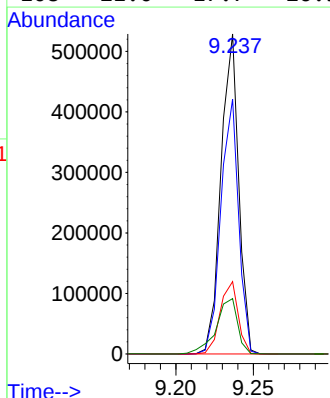
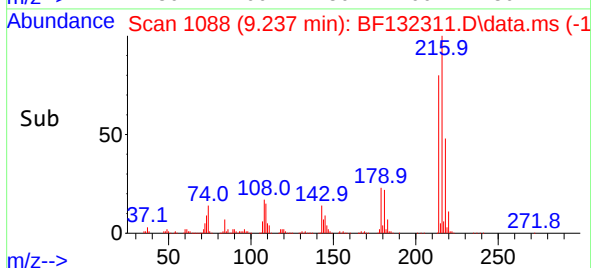
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

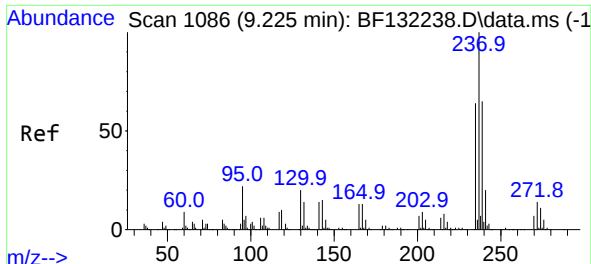


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.803 ng
RT: 9.237 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



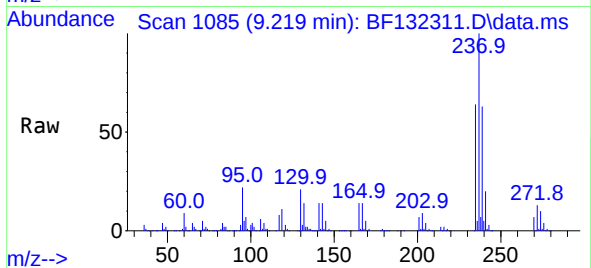
Tgt Ion:216 Resp: 420131
Ion Ratio Lower Upper
216 100
214 79.9 63.6 95.4
179 23.0 18.3 27.5
108 21.0 17.7 26.5





#41
Hexachlorocyclopentadiene
Concen: 69.825 ng
RT: 9.219 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

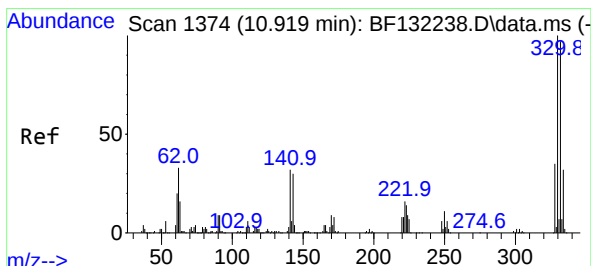
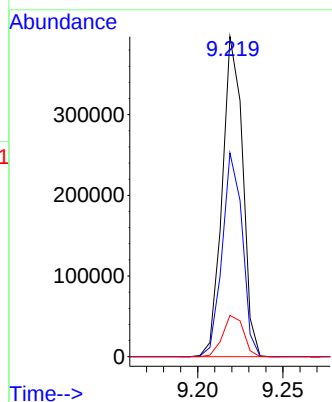
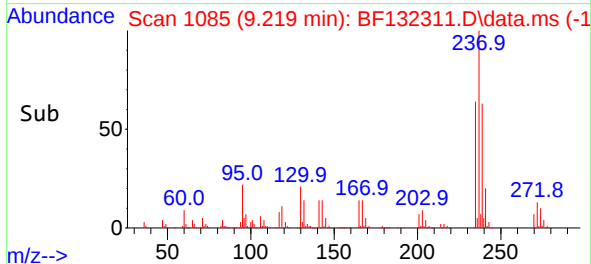
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



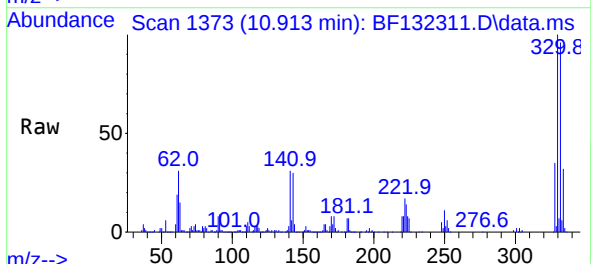
Tgt Ion:237 Resp: 330394
Ion Ratio Lower Upper
237 100
235 63.6 43.5 83.5
272 12.9 0.0 33.6

Manual Integrations
APPROVED

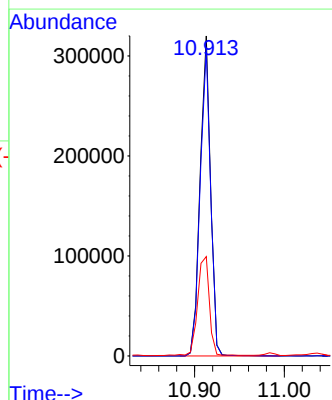
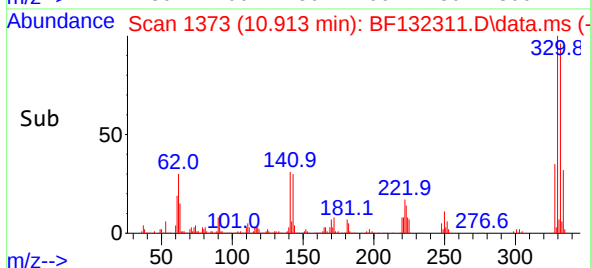
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

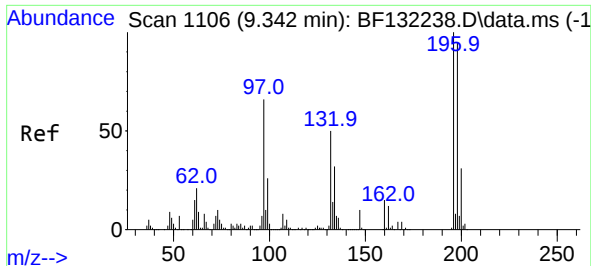


#42
2,4,6-Tribromophenol
Concen: 87.115 ng
RT: 10.913 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



Tgt Ion:330 Resp: 258184
Ion Ratio Lower Upper
330 100
332 96.5 77.9 116.9
141 34.9 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 49.468 ng

RT: 9.342 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

Tgt Ion:196 Resp: 286784

Ion Ratio Lower Upper

196 100

198 94.7 75.9 113.9

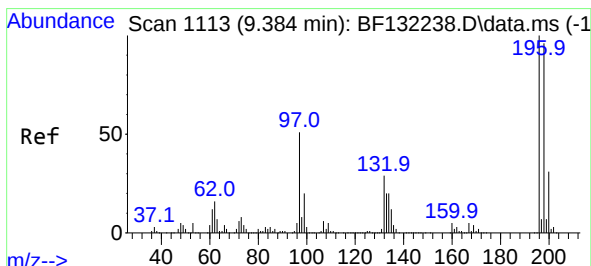
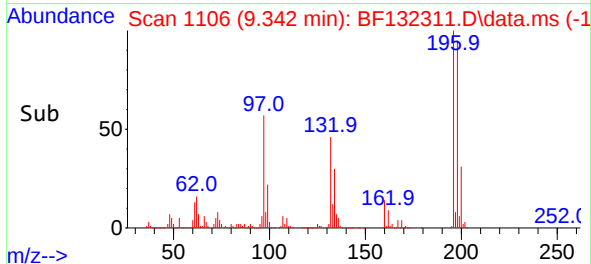
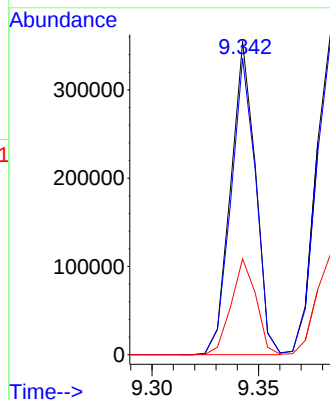
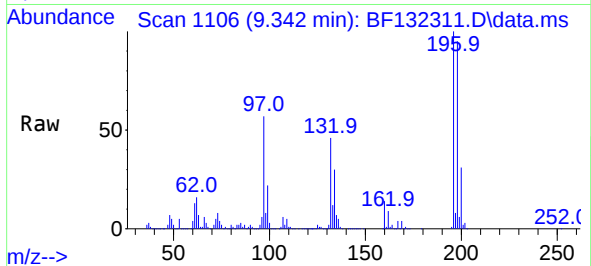
200 30.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#44

2,4,5-Trichlorophenol

Concen: 44.539 ng

RT: 9.384 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Tgt Ion:196 Resp: 297201

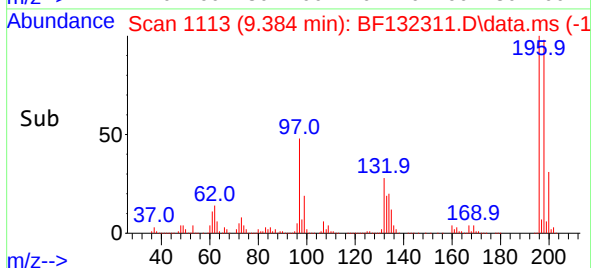
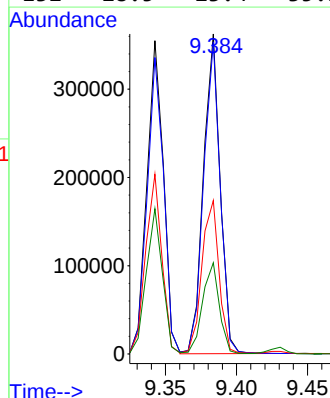
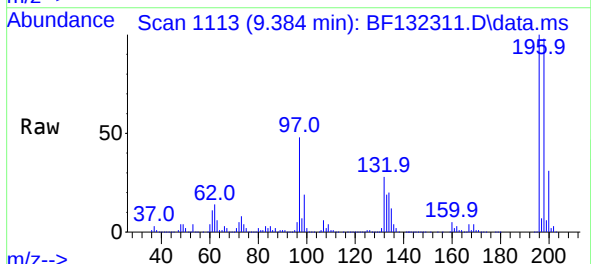
Ion Ratio Lower Upper

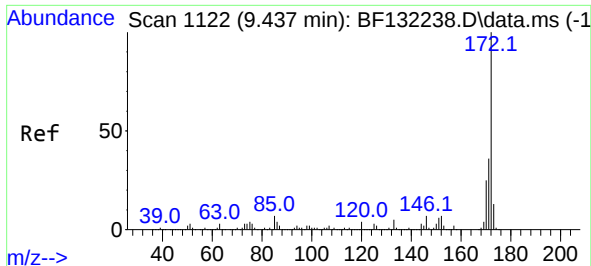
196 100

198 97.5 77.0 115.4

97 47.9 41.2 61.8

132 28.5 23.4 35.2





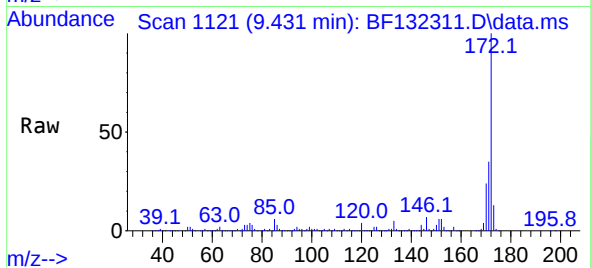
#45
2-Fluorobiphenyl
Concen: 66.337 ng
RT: 9.431 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

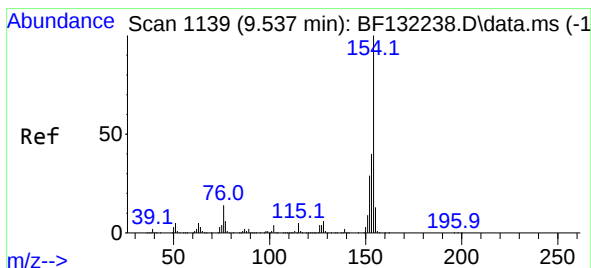
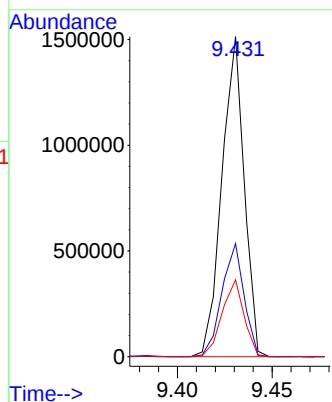
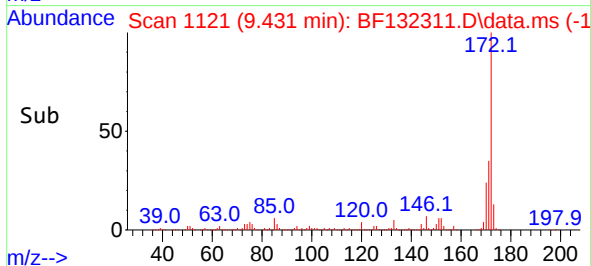


Tgt Ion:172 Resp: 1238015
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.0 19.7 29.5

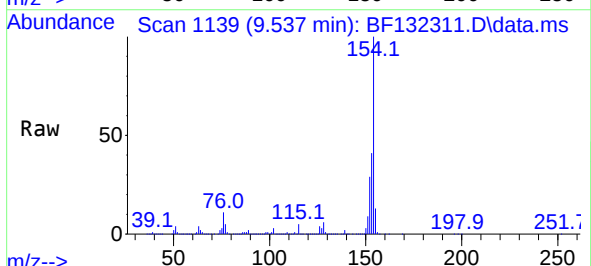
Manual Integrations

APPROVED

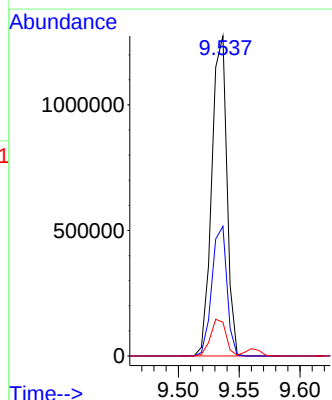
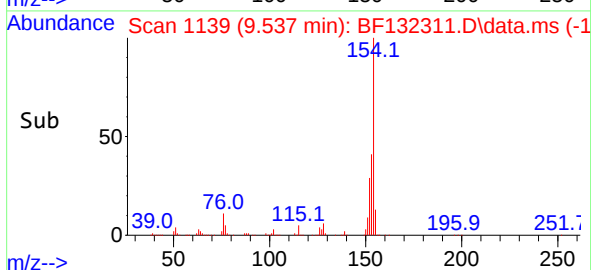
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

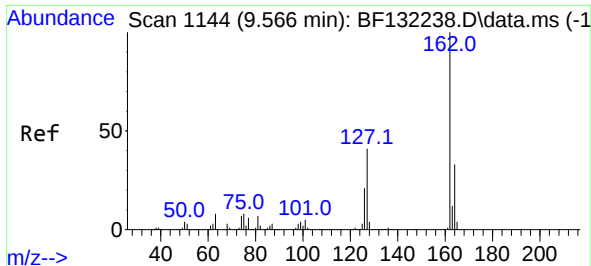


#46
1,1'-Biphenyl
Concen: 49.428 ng
RT: 9.537 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



Tgt Ion:154 Resp: 1098215
Ion Ratio Lower Upper
154 100
153 40.5 19.9 59.9
76 10.6 0.0 34.0





#47
2-Chloronaphthalene
Concen: 49.747 ng
RT: 9.560 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

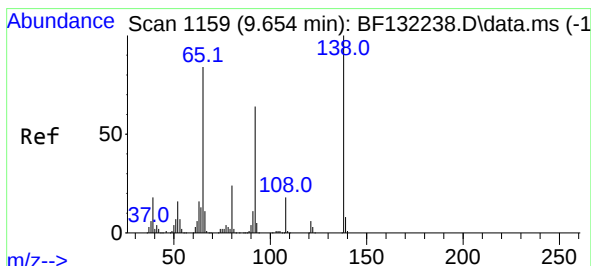
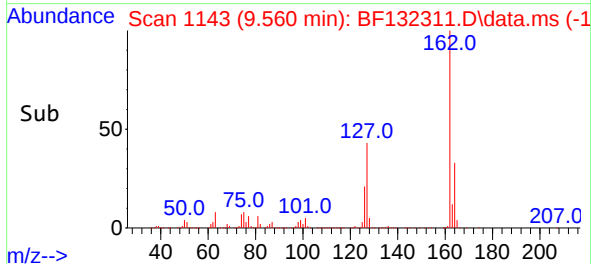
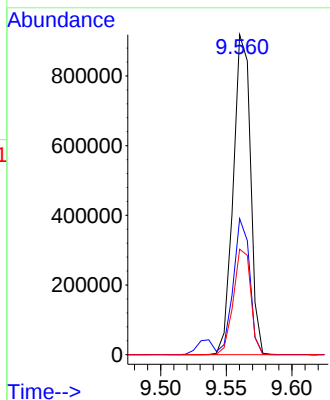
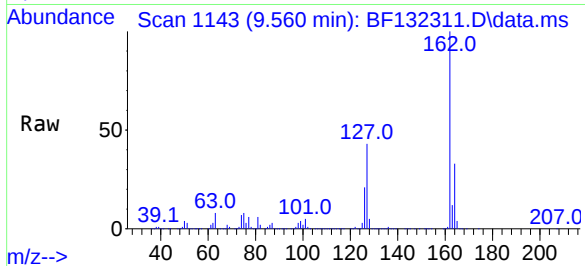
ClientSampleId :

JPP-9-013123MSD

Tgt Ion:162 Resp: 84184
Ion Ratio Lower Upper
162 100
127 42.5 33.3 49.9
164 32.9 26.8 40.2

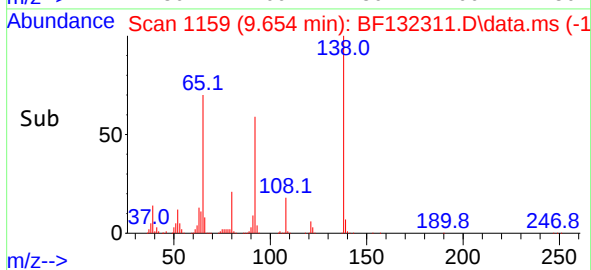
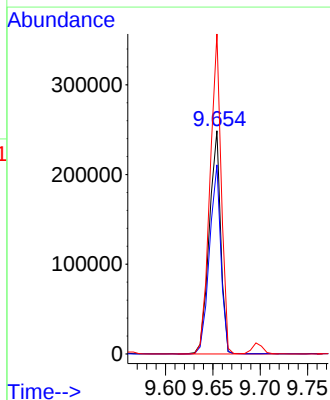
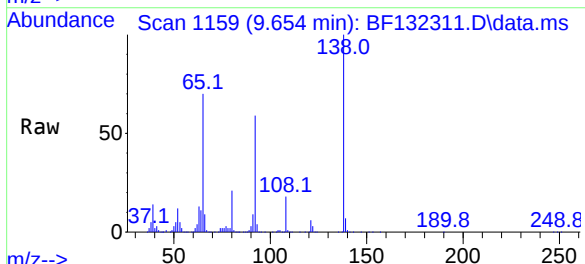
Manual Integrations
APPROVED

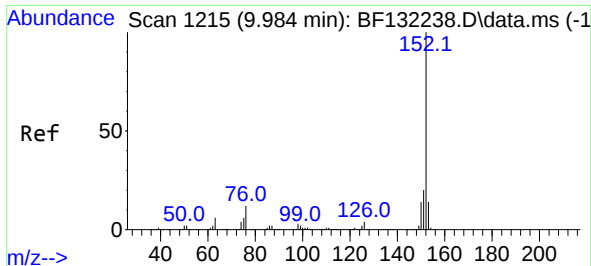
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#48
2-Nitroaniline
Concen: 41.714 ng
RT: 9.654 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion: 65 Resp: 209942
Ion Ratio Lower Upper
65 100
92 84.7 61.0 91.4
138 143.4 95.0 142.4





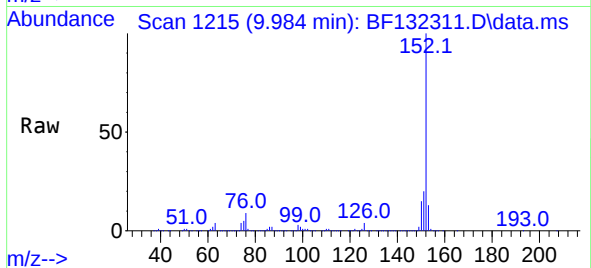
#49
Acenaphthylene
Concen: 46.294 ng
RT: 9.984 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

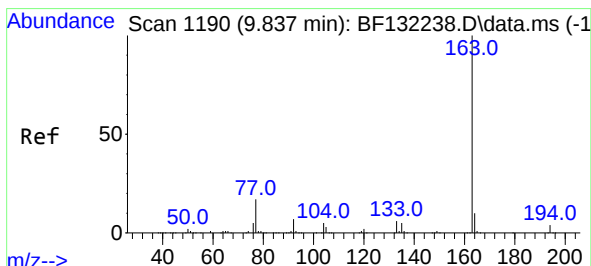
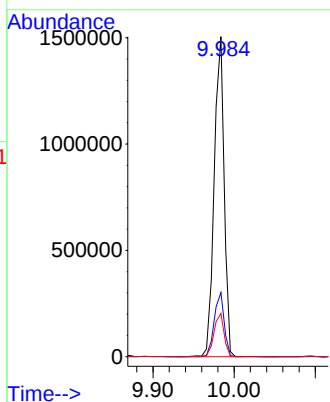
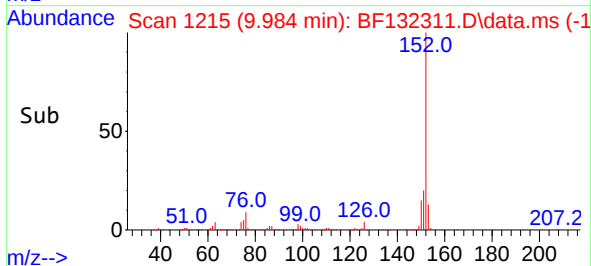


Tgt Ion:152 Resp: 1278590
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.5 10.9 16.3

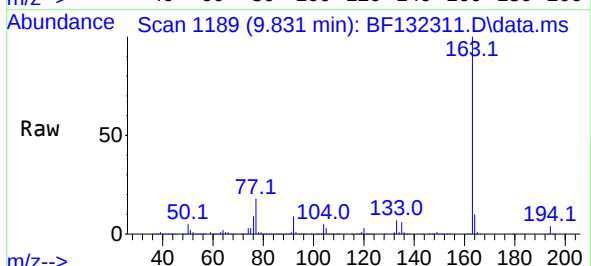
Manual Integrations

APPROVED

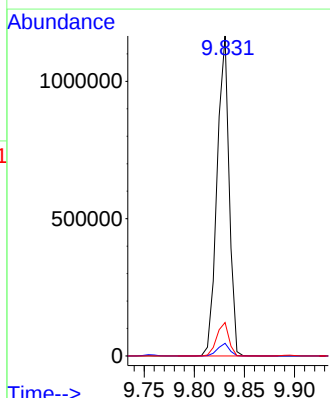
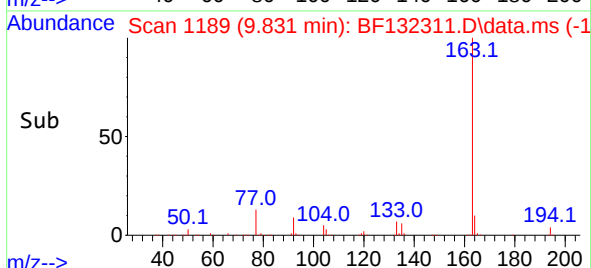
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

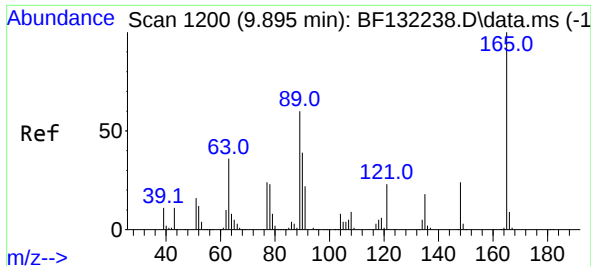


#50
Dimethylphthalate
Concen: 48.235 ng
RT: 9.831 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



Tgt Ion:163 Resp: 972403
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.5 7.9 11.9





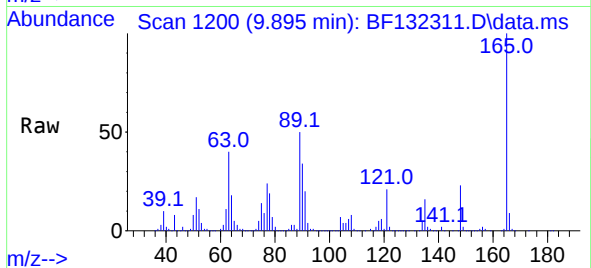
#51
2,6-Dinitrotoluene
Concen: 47.881 ng
RT: 9.895 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

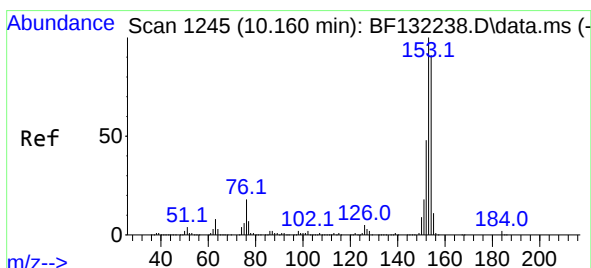
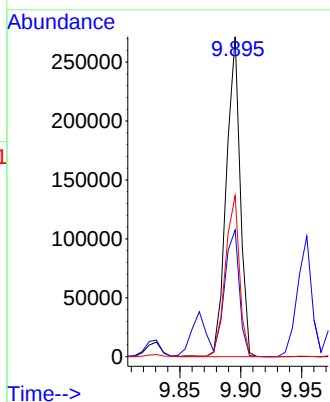
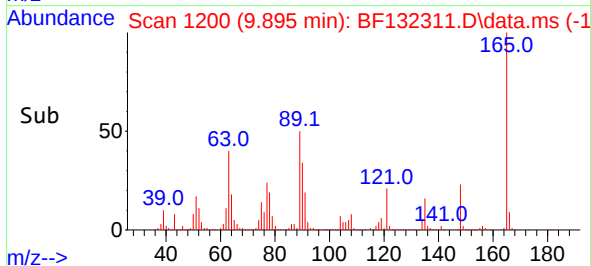


Tgt Ion:165 Resp: 215579
Ion Ratio Lower Upper
165 100
63 39.6 41.5 62.3
89 50.3 48.1 72.1

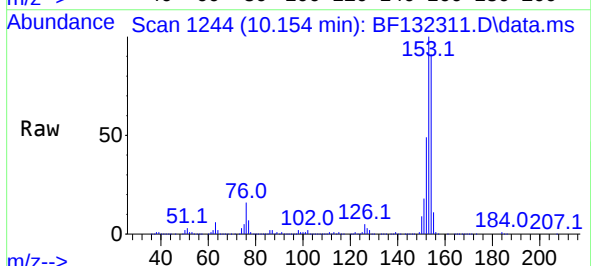
Manual Integrations

APPROVED

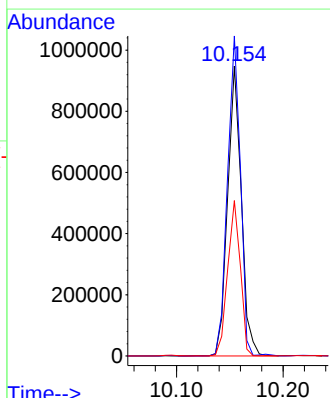
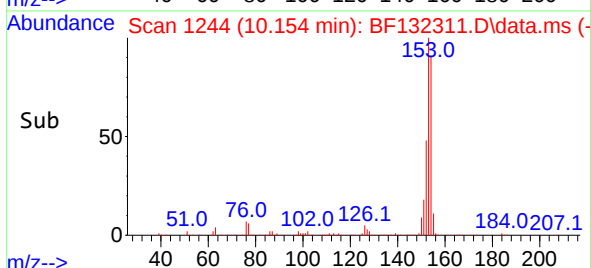
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

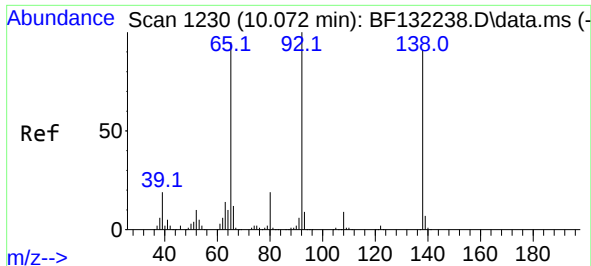


#52
Acenaphthene
Concen: 48.760 ng
RT: 10.154 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



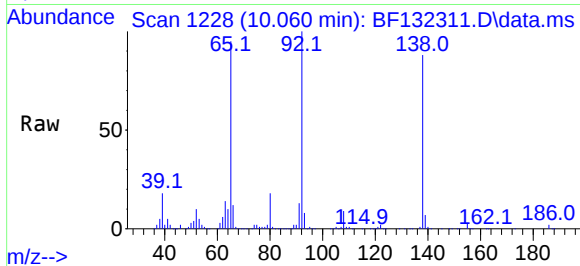
Tgt Ion:154 Resp: 843105
Ion Ratio Lower Upper
154 100
153 110.4 88.3 132.5
152 53.6 42.7 64.1





#53
3-Nitroaniline
Concen: 24.985 ng
RT: 10.060 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

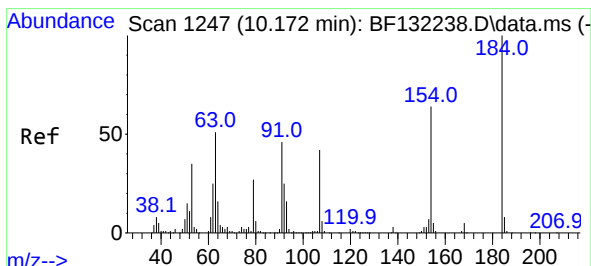
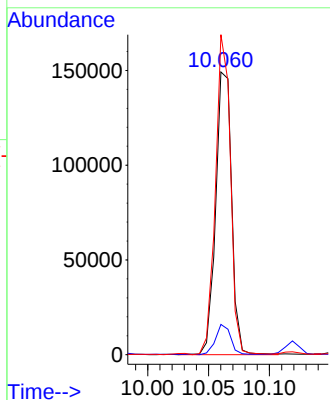
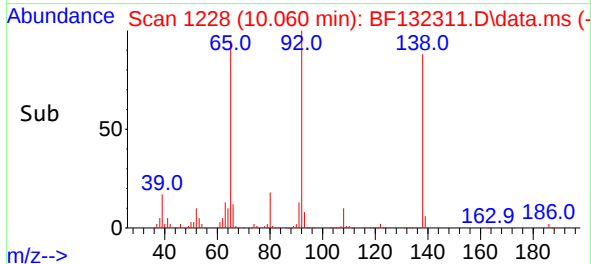
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



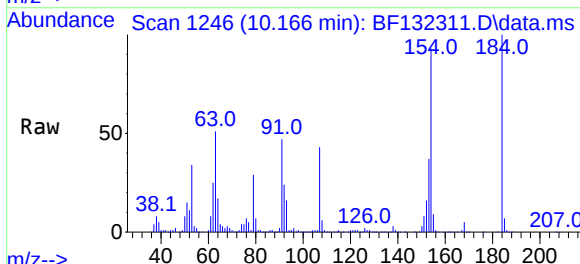
Tgt Ion:138 Resp: 136418
Ion Ratio Lower Upper
138 100
108 10.7 7.6 11.4
92 113.2 88.3 132.5

Manual Integrations
APPROVED

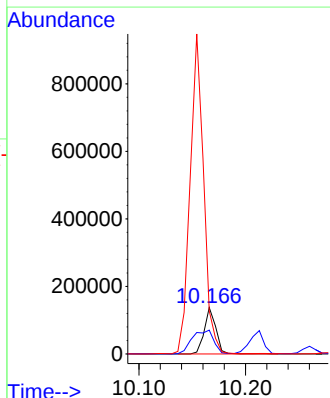
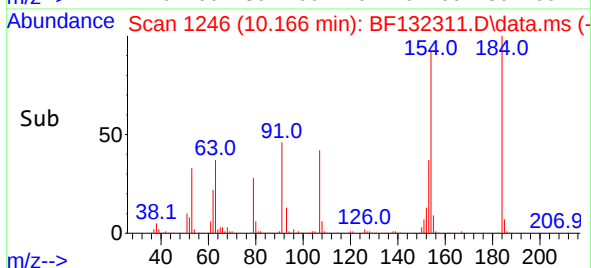
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

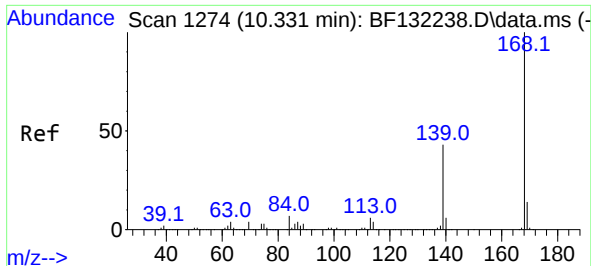


#54
2,4-Dinitrophenol
Concen: 41.961 ng
RT: 10.166 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



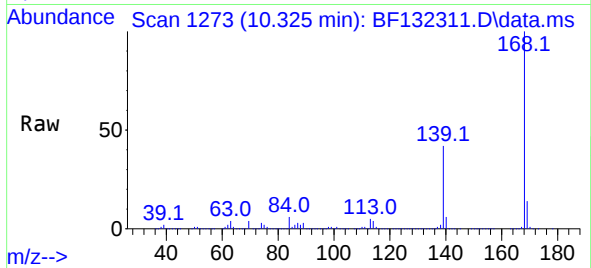
Tgt Ion:184 Resp: 103835
Ion Ratio Lower Upper
184 100
63 51.2 41.6 62.4
154 92.7 57.0 85.6#





#55
Dibenzenofuran
Concen: 46.359 ng
RT: 10.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

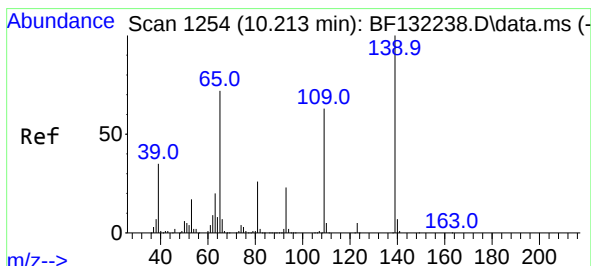
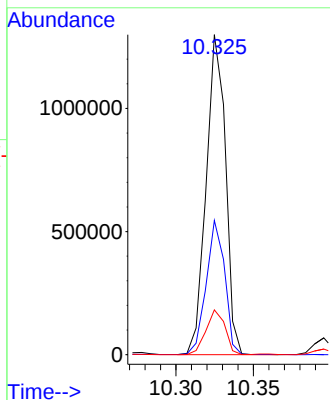
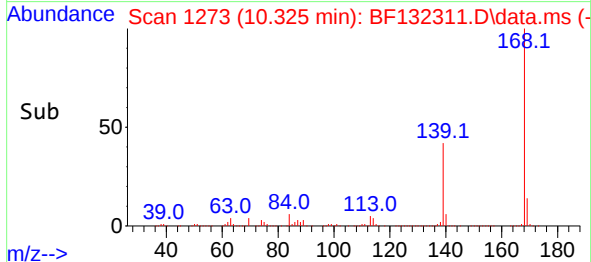
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



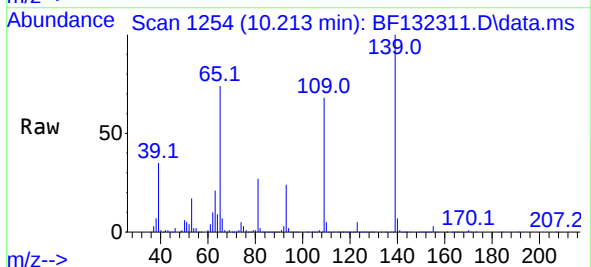
Tgt Ion:168 Resp: 112626
Ion Ratio Lower Upper
168 100
139 42.0 34.2 51.4
169 14.0 11.2 16.8

Manual Integrations
APPROVED

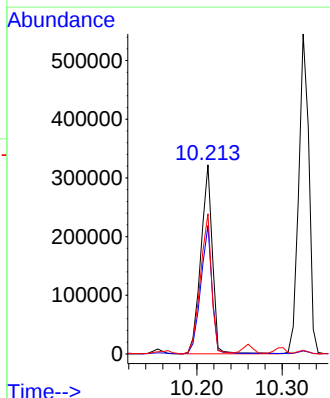
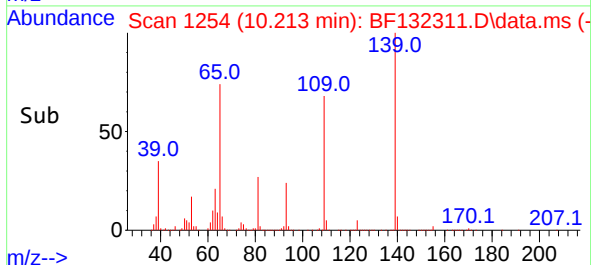
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

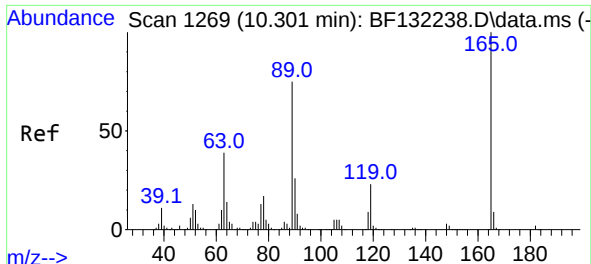


#56
4-Nitrophenol
Concen: 73.518 ng
RT: 10.213 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



Tgt Ion:139 Resp: 302064
Ion Ratio Lower Upper
139 100
109 67.8 43.3 83.3
65 74.1 52.3 92.3





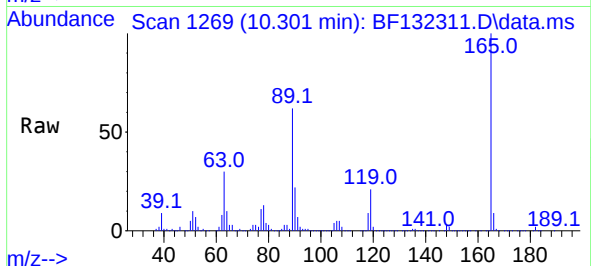
#57
2,4-Dinitrotoluene
Concen: 45.477 ng
RT: 10.301 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

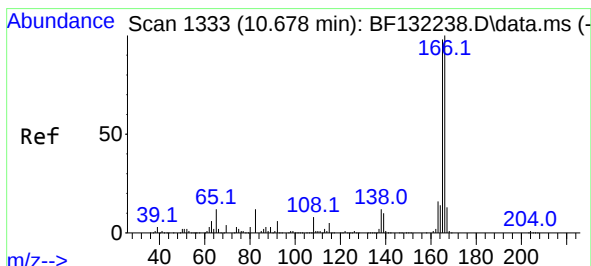
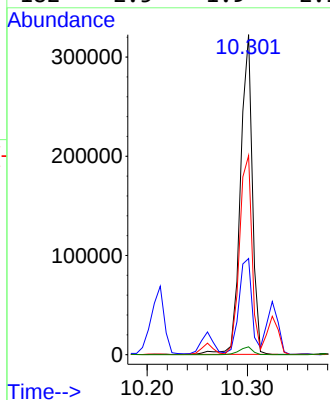
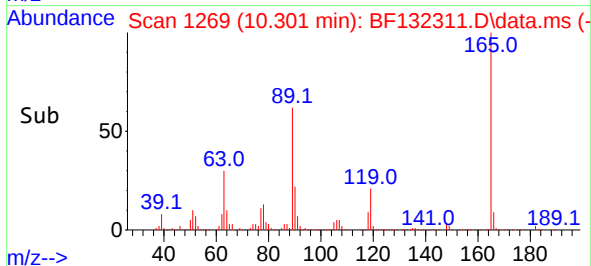


Tgt Ion:165 Resp: 26597
Ion Ratio Lower Upper
165 100
63 30.1 30.9 46.3
89 62.2 60.1 90.1
182 2.5 1.9 2.9

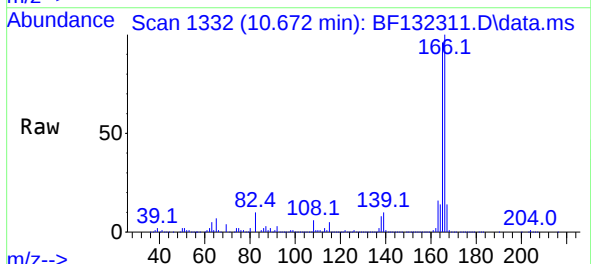
Manual Integrations

APPROVED

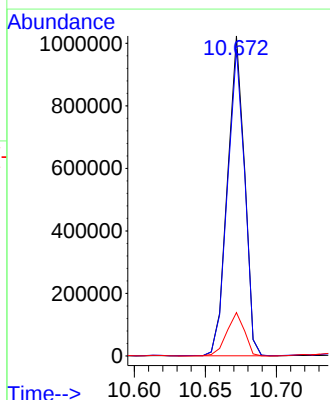
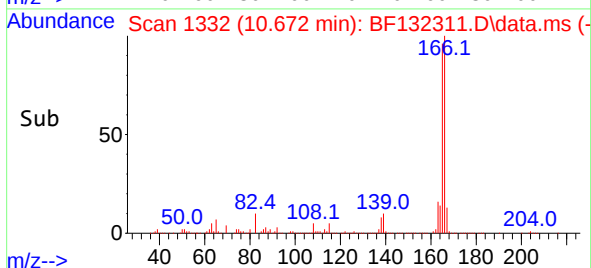
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

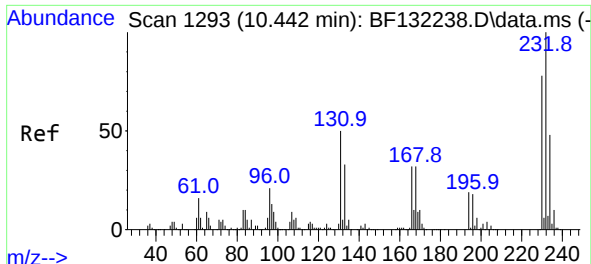


#58
Fluorene
Concen: 45.514 ng
RT: 10.672 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



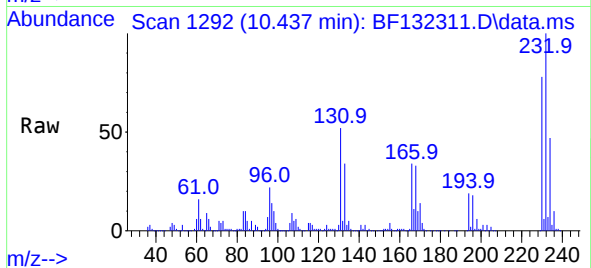
Tgt Ion:166 Resp: 850988
Ion Ratio Lower Upper
166 100
165 96.0 78.0 117.0
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.047 ng
RT: 10.437 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

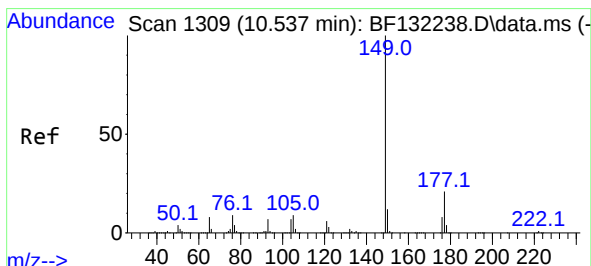
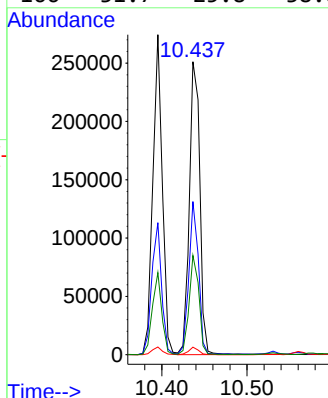
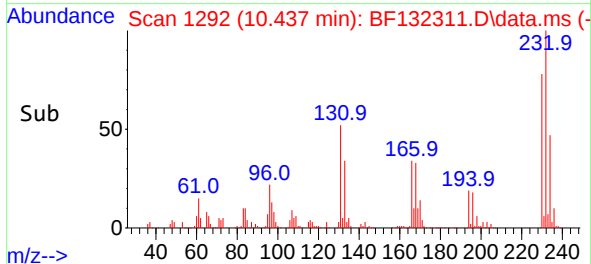
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



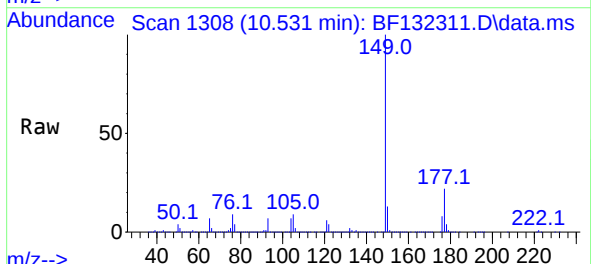
Tgt Ion:232 Resp: 214269
Ion Ratio Lower Upper
232 100
131 48.1 40.6 61.0
130 2.5 1.9 2.9
166 31.7 25.8 38.8

Manual Integrations
APPROVED

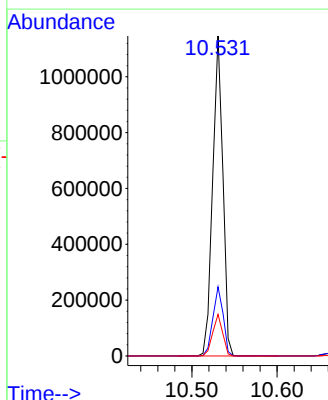
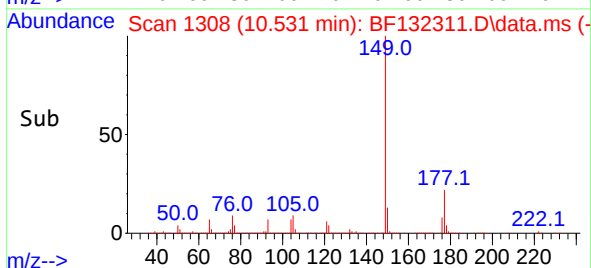
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

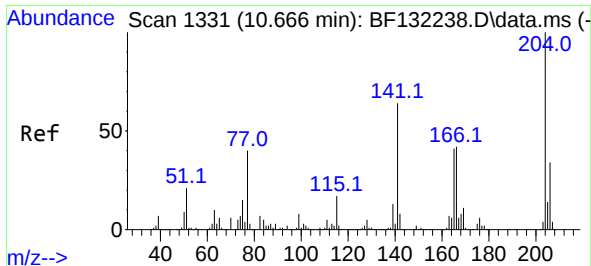


#60
Diethylphthalate
Concen: 47.539 ng
RT: 10.531 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



Tgt Ion:149 Resp: 953382
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 13.0 9.9 14.9





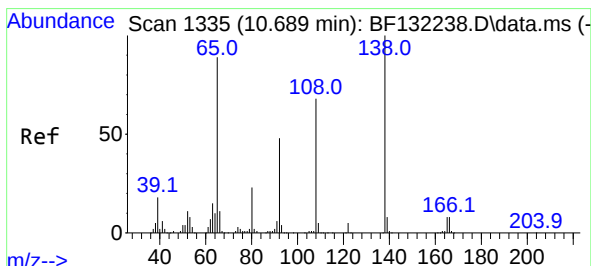
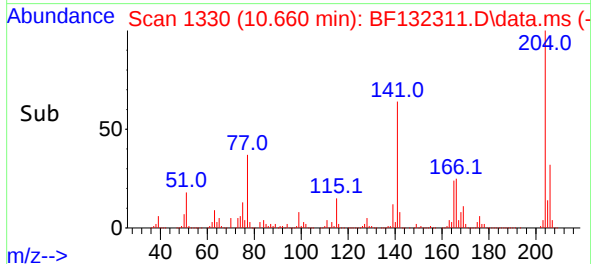
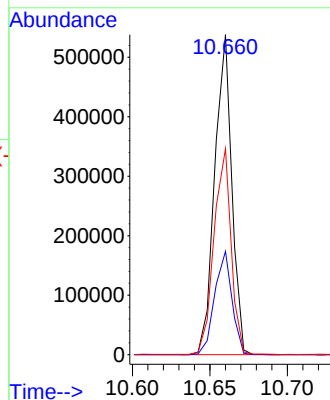
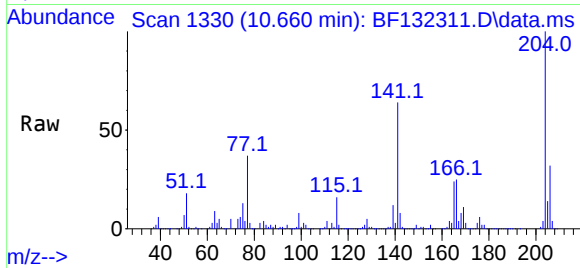
#61
4-Chlorophenyl-phenylether
Concen: 46.495 ng
RT: 10.660 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

Tgt Ion:204 Resp: 41256
Ion Ratio Lower Upper
204 100
206 32.3 26.8 40.2
141 64.4 51.4 77.0

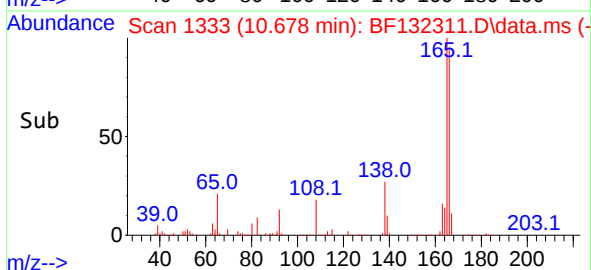
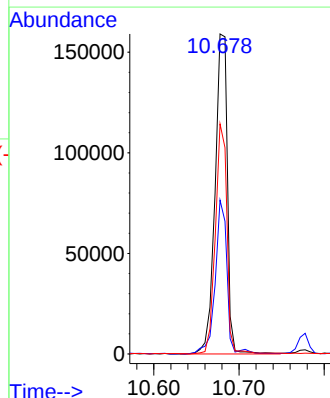
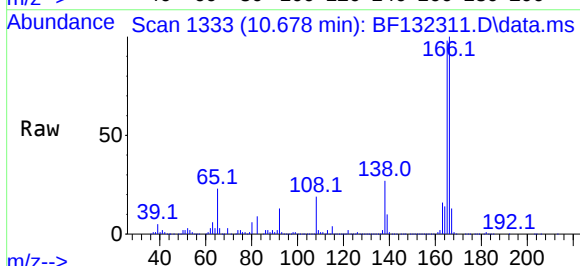
Manual Integrations
APPROVED

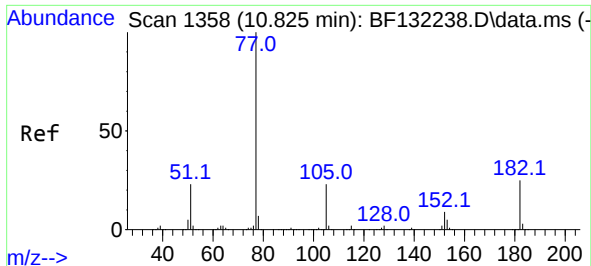
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#62
4-Nitroaniline
Concen: 30.640 ng
RT: 10.678 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:138 Resp: 160429
Ion Ratio Lower Upper
138 100
92 48.1 27.7 67.7
108 71.9 48.5 88.5





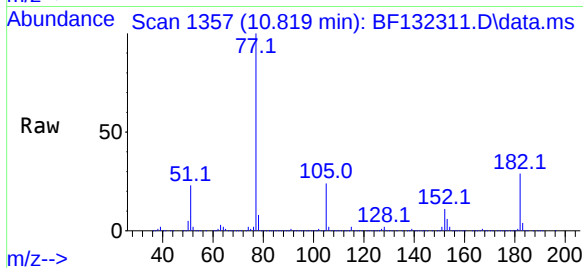
#63
Azobenzene
Concen: 43.346 ng
RT: 10.819 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

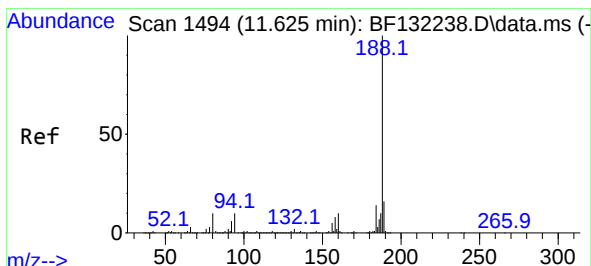
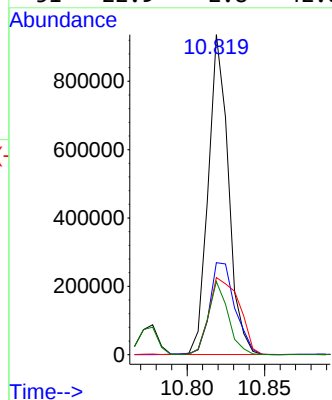
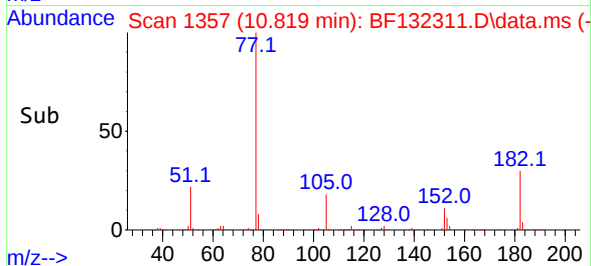


Tgt Ion: 77 Resp: 84675
Ion Ratio Lower Upper
77 100
182 28.7 4.5 44.5
105 24.1 2.7 42.7
51 22.9 2.8 42.8

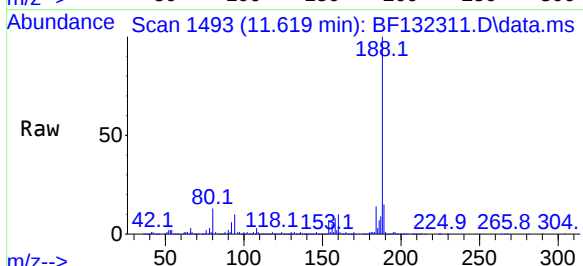
Manual Integrations

APPROVED

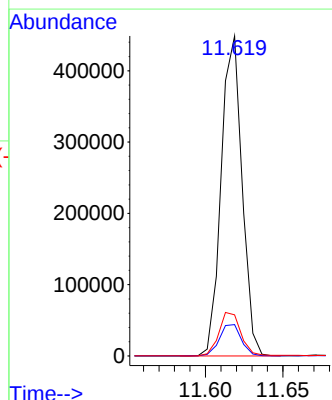
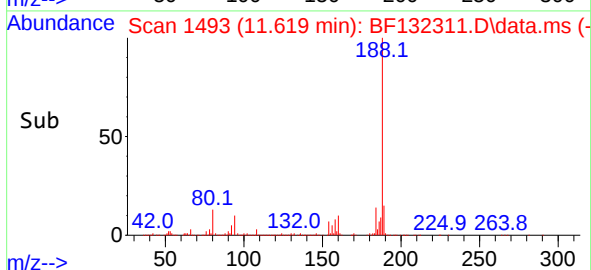
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

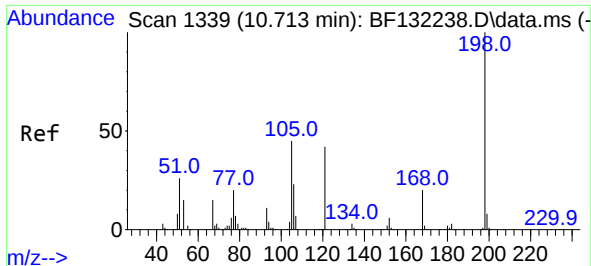


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



Tgt Ion:188 Resp: 420498
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 12.8 8.3 12.5





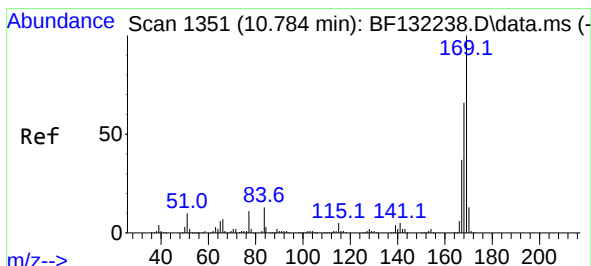
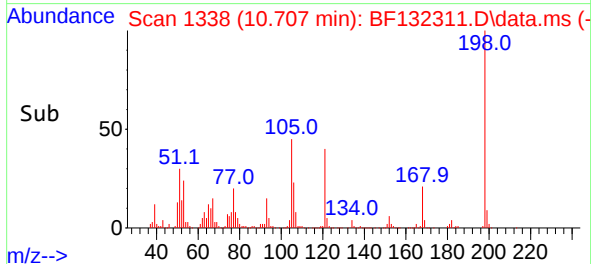
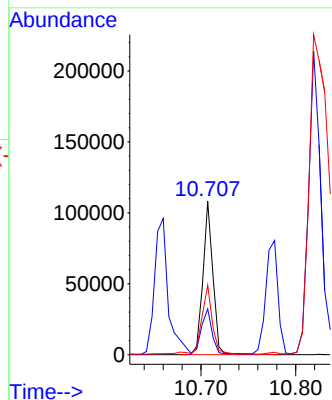
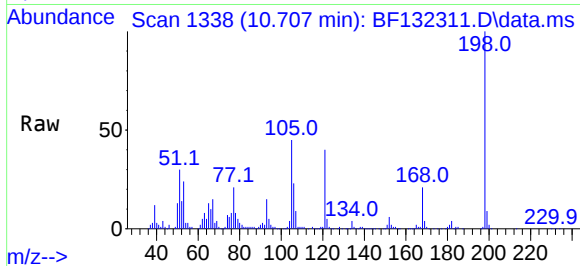
#65
4,6-Dinitro-2-methylphenol
Concen: 33.163 ng
RT: 10.707 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD

Tgt Ion:198 Resp: 7914
Ion Ratio Lower Upper
198 100
51 29.8 13.1 53.1
105 45.2 26.0 66.0

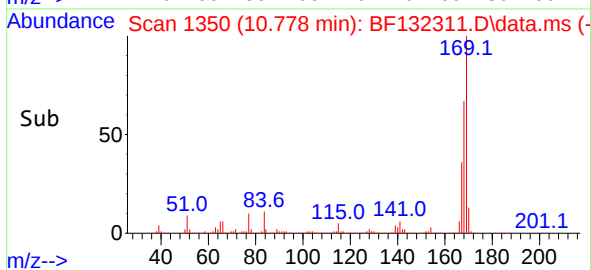
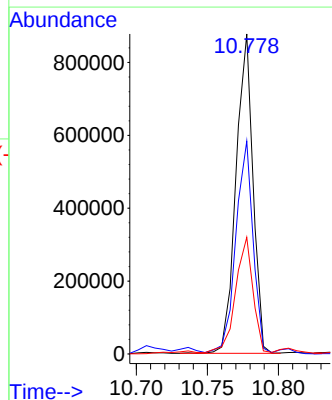
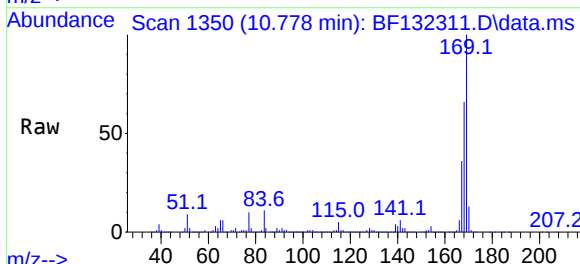
Manual Integrations
APPROVED

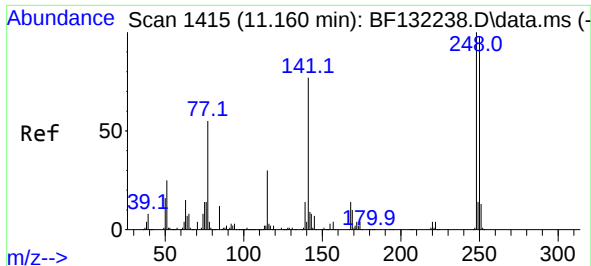
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#66
n-Nitrosodiphenylamine
Concen: 55.427 ng
RT: 10.778 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

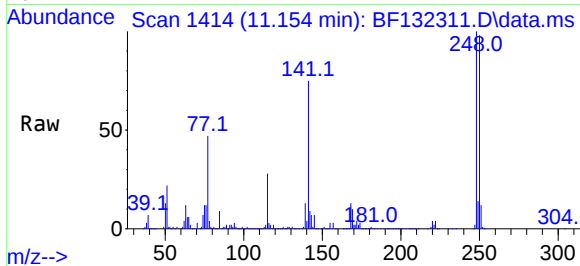
Tgt Ion:169 Resp: 729814
Ion Ratio Lower Upper
169 100
168 66.5 52.6 79.0
167 36.5 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 57.247 ng
RT: 11.154 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

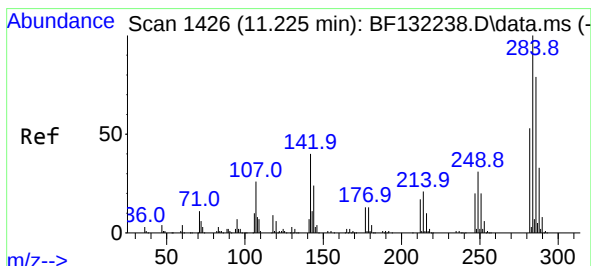
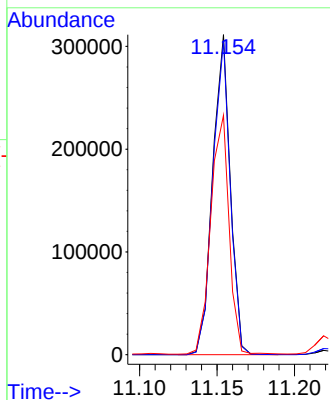
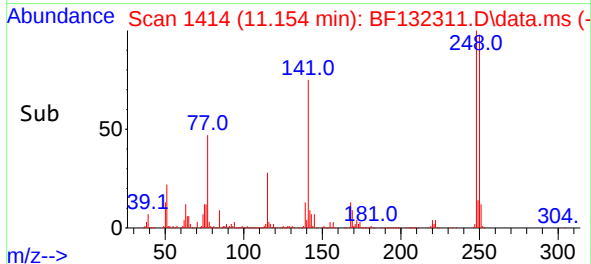
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



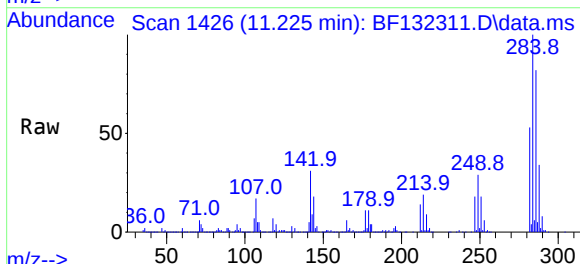
Tgt Ion:248 Resp: 246498
Ion Ratio Lower Upper
248 100
250 98.1 78.6 117.8
141 74.8 61.6 92.4

Manual Integrations
APPROVED

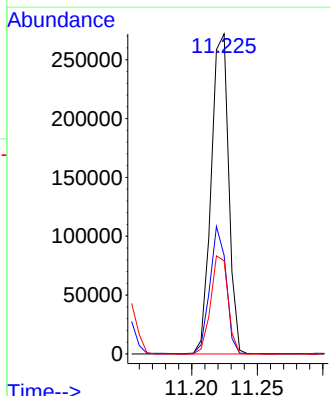
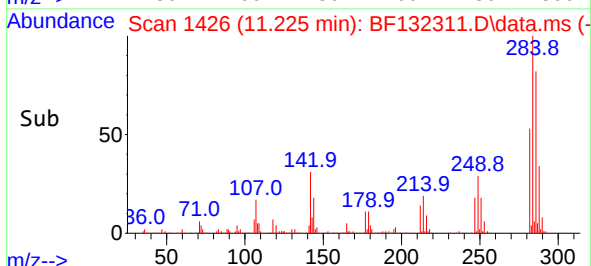
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

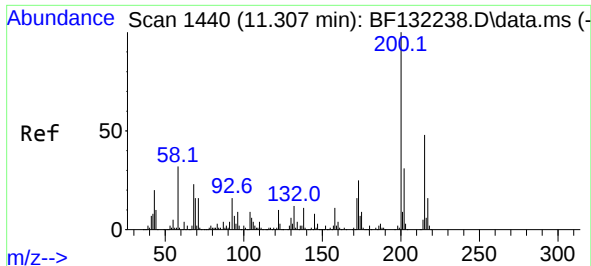


#68
Hexachlorobenzene
Concen: 54.771 ng
RT: 11.225 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



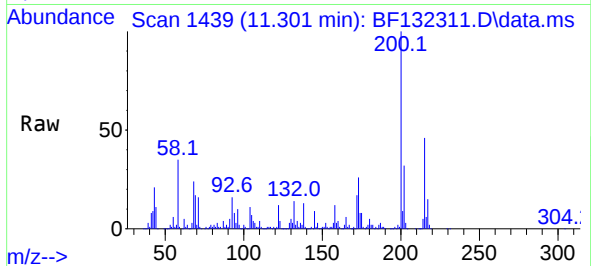
Tgt Ion:284 Resp: 252072
Ion Ratio Lower Upper
284 100
142 30.8 32.2 48.4#
249 29.1 25.0 37.6





#69
Atrazine
Concen: 59.351 ng
RT: 11.301 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

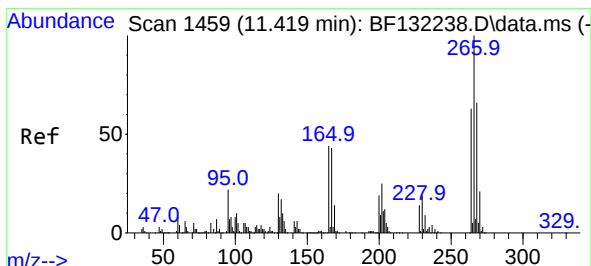
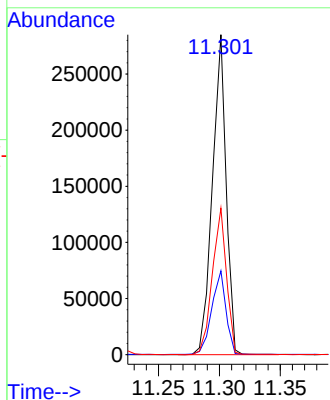
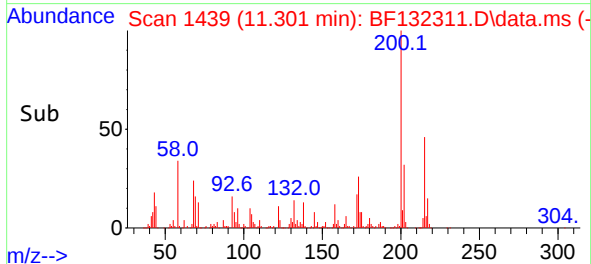
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



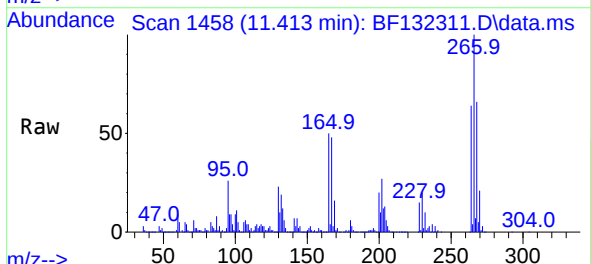
Tgt Ion:200 Resp: 22478
Ion Ratio Lower Upper
200 100
173 26.2 5.1 45.1
215 45.8 27.6 67.6

Manual Integrations
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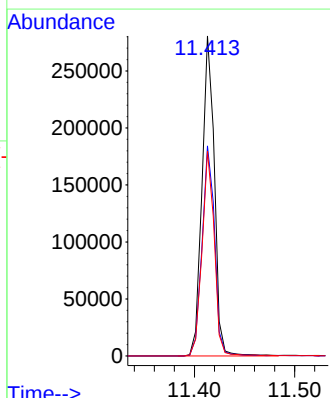
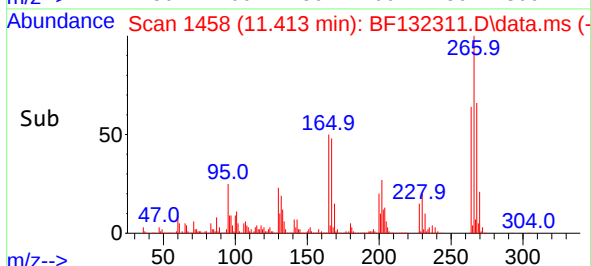
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

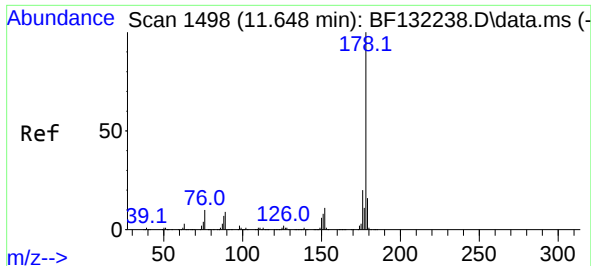


#70
Pentachlorophenol
Concen: 76.499 ng
RT: 11.413 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



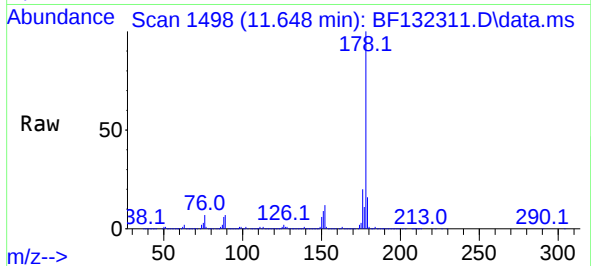
Tgt Ion:266 Resp: 241904
Ion Ratio Lower Upper
266 100
268 65.7 53.0 79.4
264 64.0 50.5 75.7





#71
Phenanthrene
Concen: 79.556 ng
RT: 11.648 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

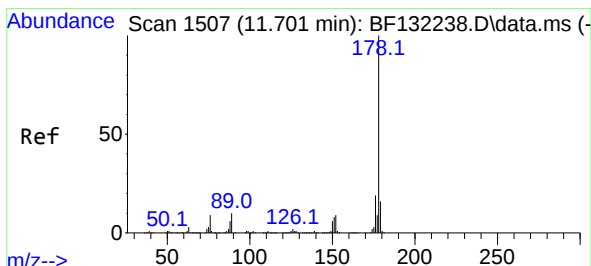
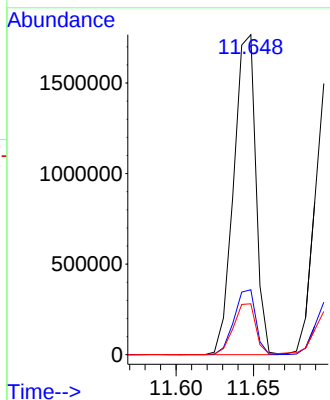
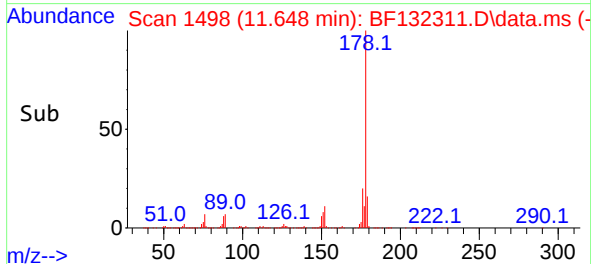
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



Tgt Ion:178 Resp: 1748129
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 15.9 12.8 19.2

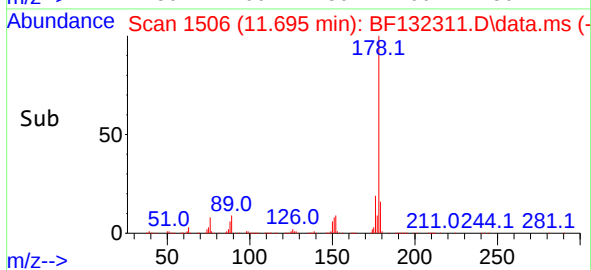
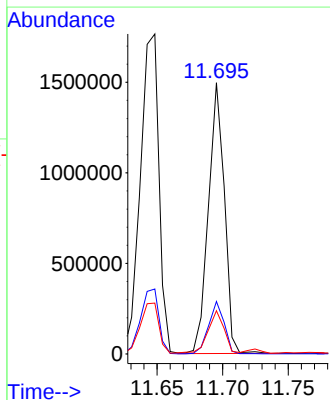
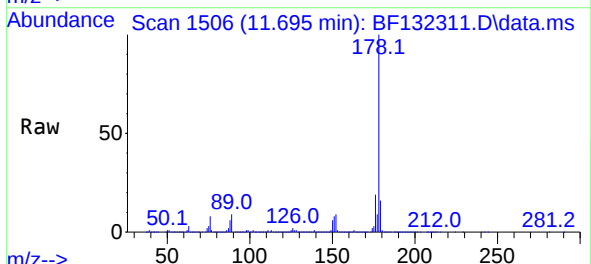
Manual Integrations
APPROVED

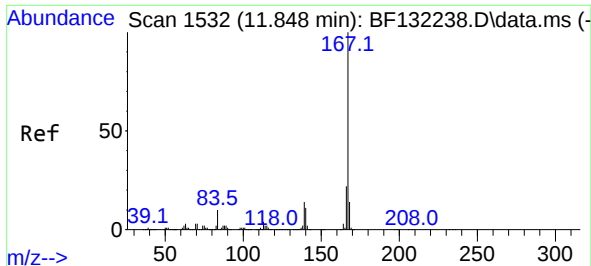
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#72
Anthracene
Concen: 56.797 ng
RT: 11.695 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

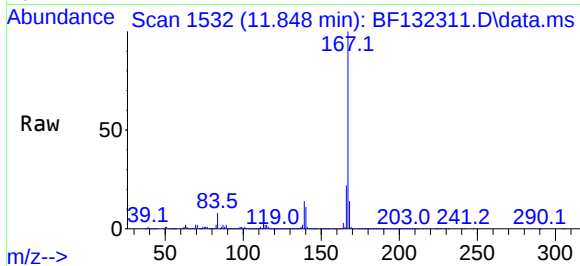
Tgt Ion:178 Resp: 1270105
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.9 12.8 19.2





#73
 Carbazole
 Concen: 44.683 ng
 RT: 11.848 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: BF132311.D
 Acq: 03 Feb 2023 01:31

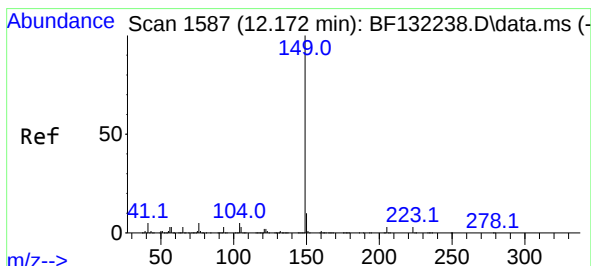
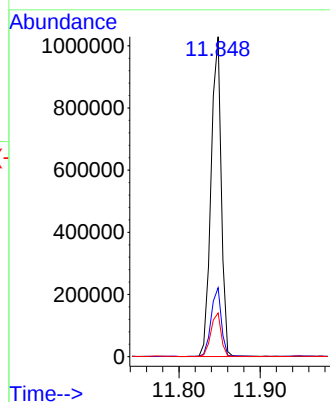
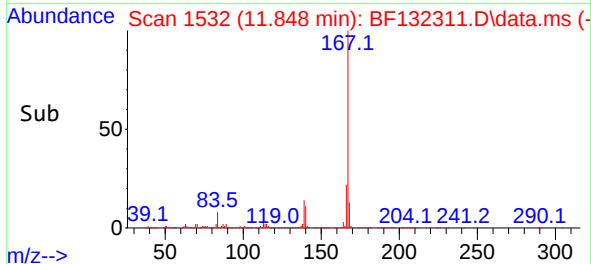
Instrument :
 BNA_F
 ClientSampleId :
 JPP-9-013123MSD



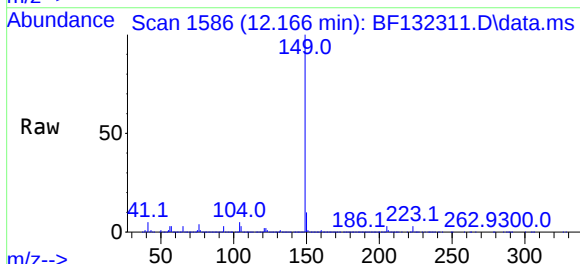
Tgt Ion:167 Resp: 89594
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.6 11.4 17.2

Manual Integrations
 APPROVED

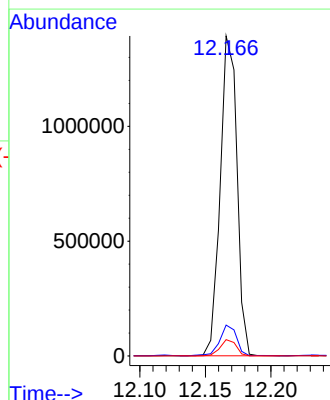
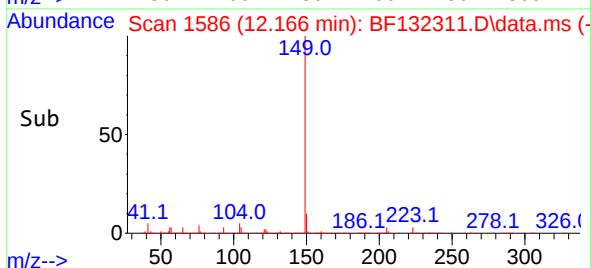
Reviewed By :Christian Giraldo 02/03/2023
 Supervised By :Jagrut Upadhyay 02/03/2023

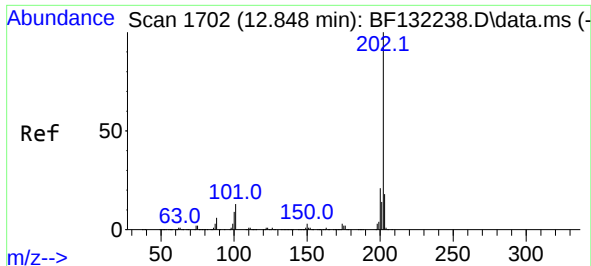


#74
 Di-n-butylphthalate
 Concen: 52.127 ng
 RT: 12.166 min Scan# 1586
 Delta R.T. -0.006 min
 Lab File: BF132311.D
 Acq: 03 Feb 2023 01:31



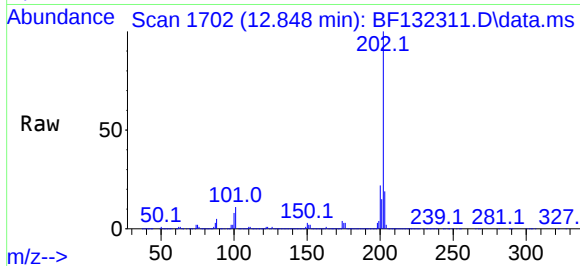
Tgt Ion:149 Resp: 1235673
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 5.1 4.3 6.5





#75
Fluoranthene
Concen: 98.699 ng
RT: 12.848 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

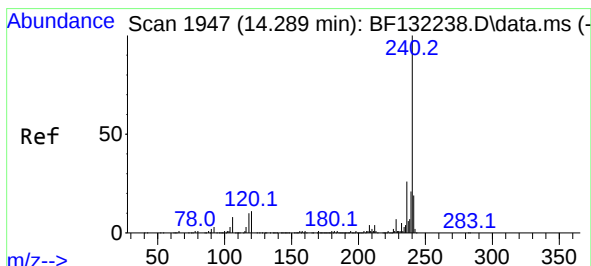
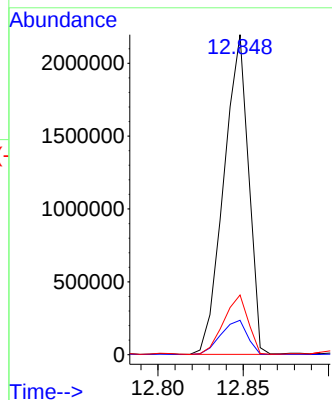
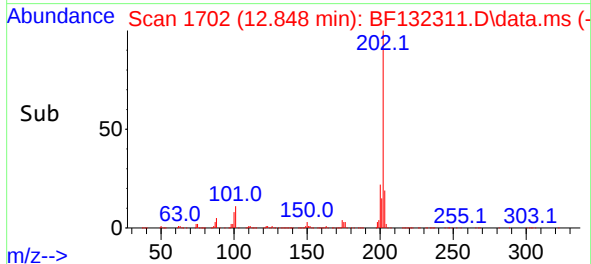
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



Tgt Ion:202 Resp: 221315
Ion Ratio Lower Upper
202 100
101 10.8 0.0 32.7
203 18.7 0.0 37.9

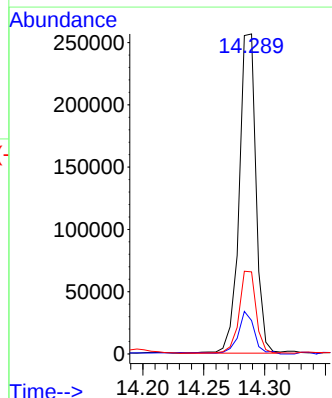
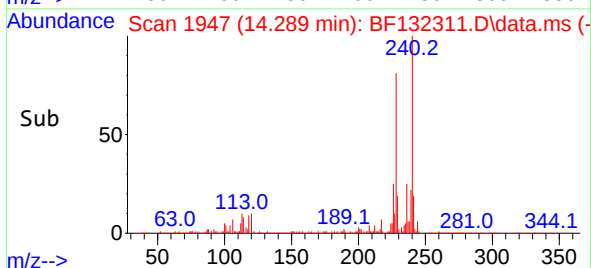
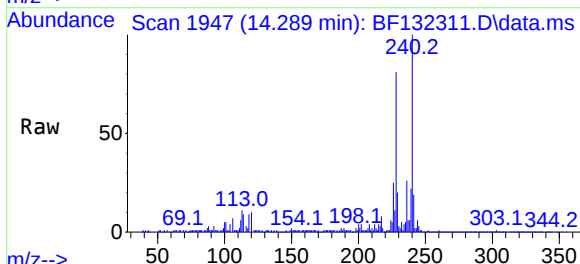
Manual Integrations
APPROVED

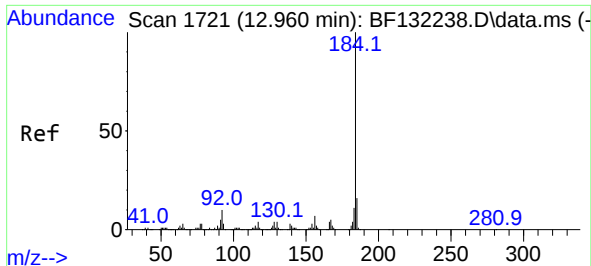
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.289 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

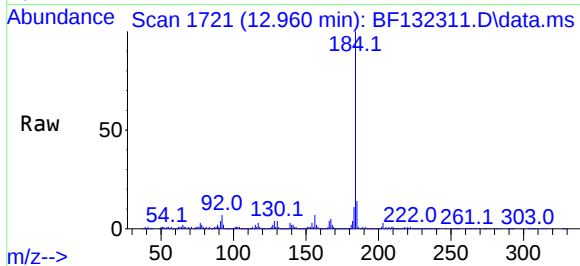
Tgt Ion:240 Resp: 245409
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 25.6 21.0 31.6





#77
Benzidine
Concen: 44.779 ng
RT: 12.960 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

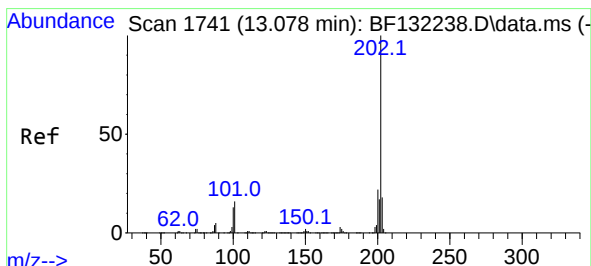
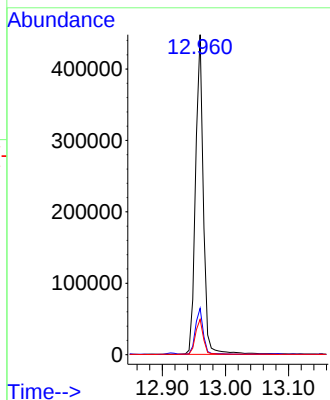
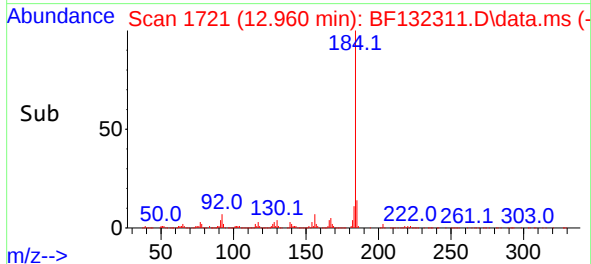
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



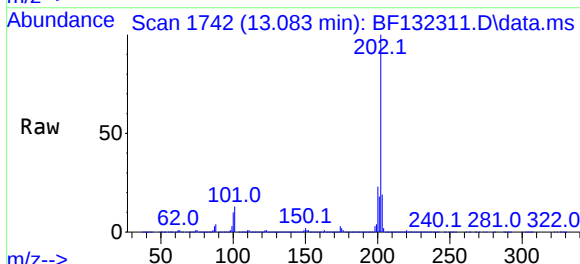
Tgt Ion:184 Resp: 384192
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 11.1 8.9 13.3

Manual Integrations
APPROVED

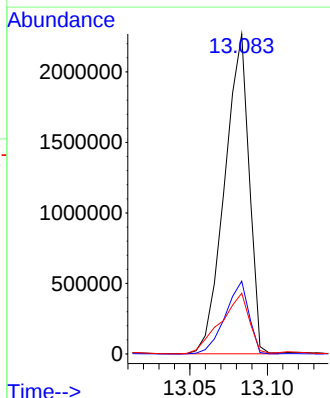
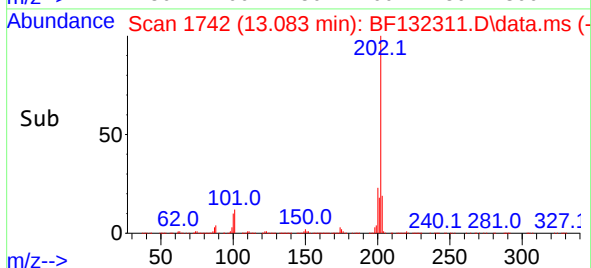
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

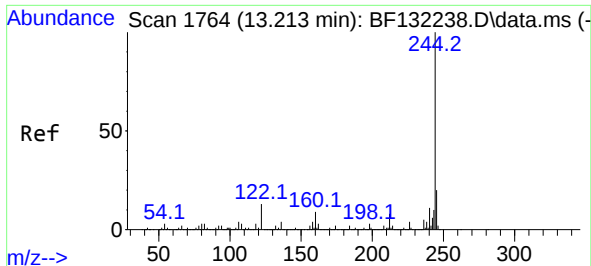


#78
Pyrene
Concen: 125.678 ng
RT: 13.083 min Scan# 1742
Delta R.T. 0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



Tgt Ion:202 Resp: 2480687
Ion Ratio Lower Upper
202 100
200 22.8 17.3 25.9
203 19.0 14.4 21.6





#79
Terphenyl-d14
Concen: 68.521 ng
RT: 13.207 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

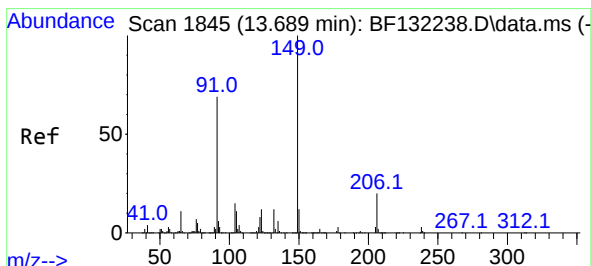
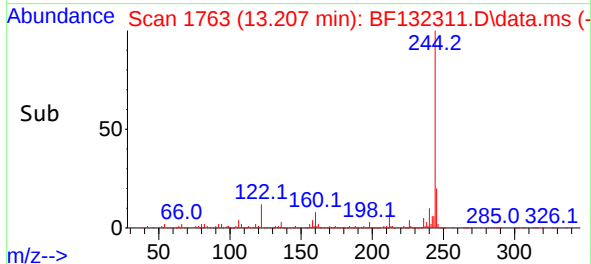
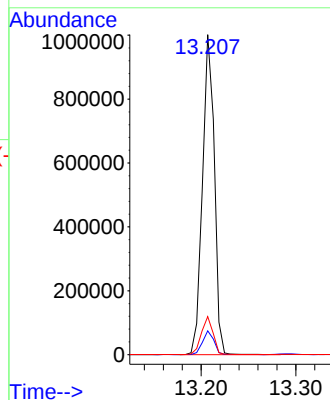
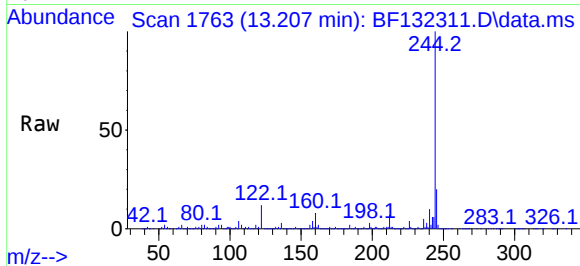
JPP-9-013123MSD

Tgt Ion:244 Resp: 869294
Ion Ratio Lower Upper
244 100
212 7.5 6.4 9.6
122 11.9 10.5 15.7

Manual Integrations

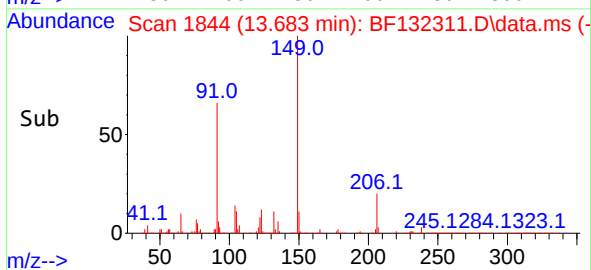
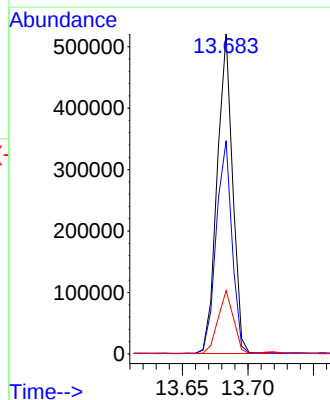
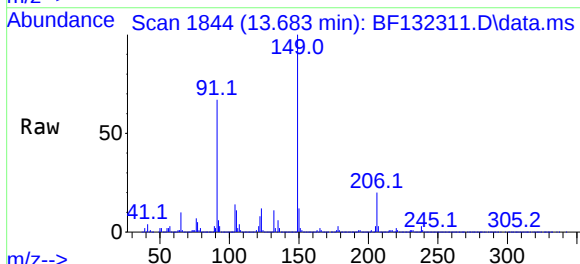
APPROVED

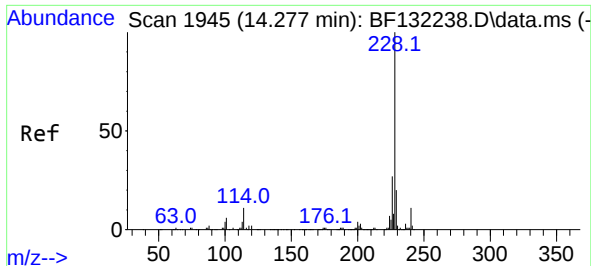
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#80
Butylbenzylphthalate
Concen: 48.824 ng
RT: 13.683 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:149 Resp: 425775
Ion Ratio Lower Upper
149 100
91 66.7 55.0 82.6
206 19.8 15.9 23.9





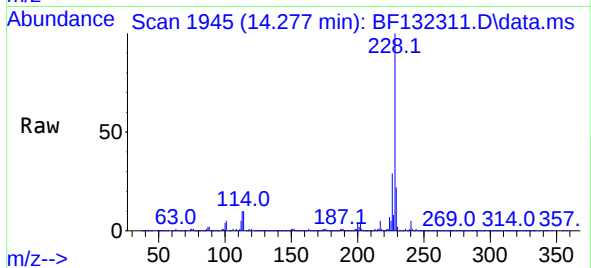
#81
Benzo(a)anthracene
Concen: 100.507 ng
RT: 14.277 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

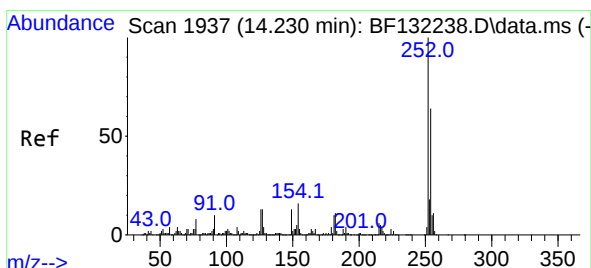
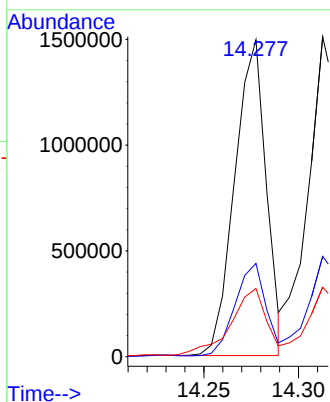
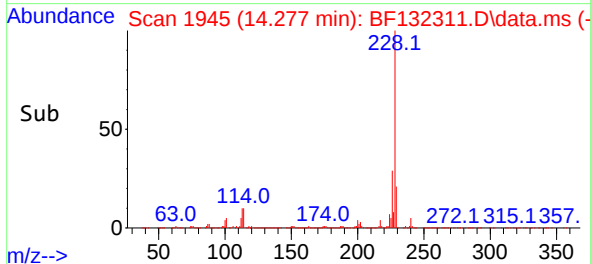


Tgt Ion:228 Resp: 1725124
Ion Ratio Lower Upper
228 100
226 29.4 22.0 33.0
229 21.5 15.8 23.6

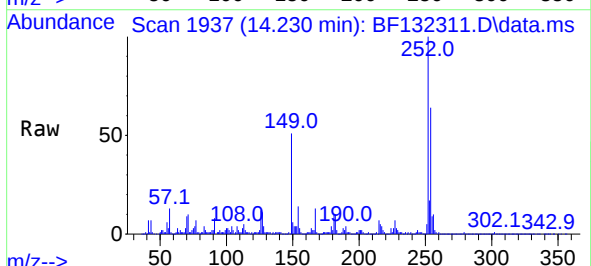
Manual Integrations

APPROVED

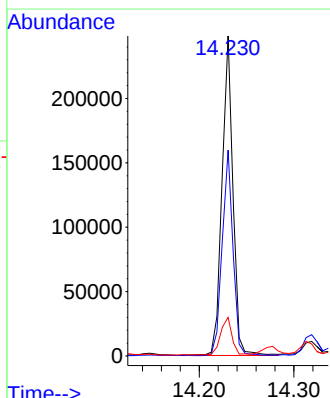
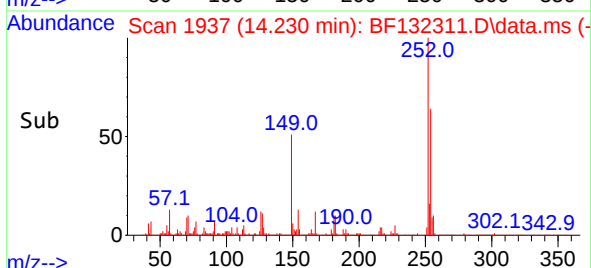
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

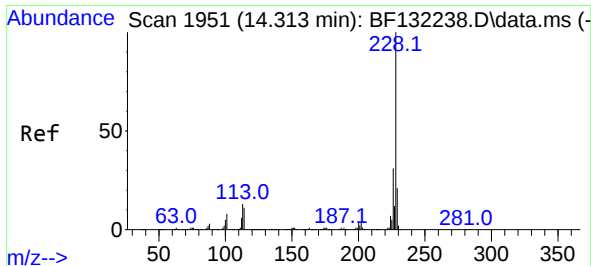


#82
3,3'-Dichlorobenzidine
Concen: 36.670 ng
RT: 14.230 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



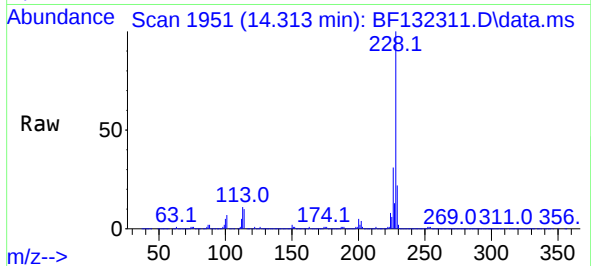
Tgt Ion:252 Resp: 200472
Ion Ratio Lower Upper
252 100
254 64.3 51.6 77.4
126 12.1 10.5 15.7





#83
Chrysene
Concen: 101.392 ng m
RT: 14.313 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

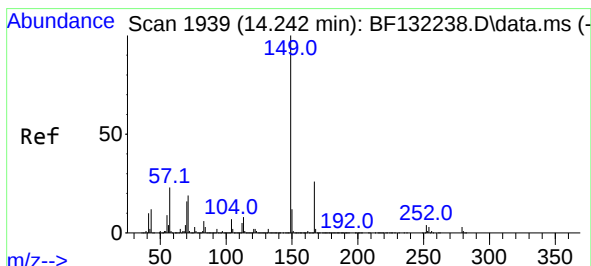
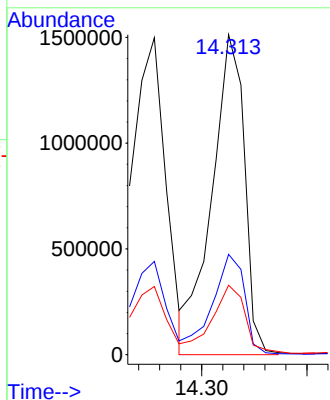
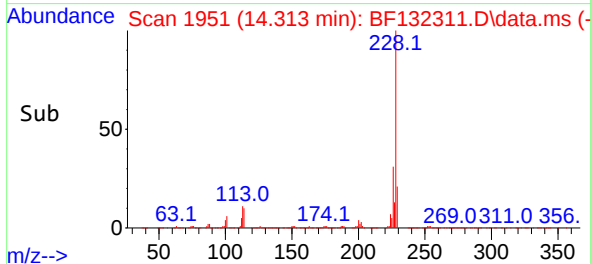
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



Tgt Ion:228 Resp: 162960
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 21.7 16.4 24.6

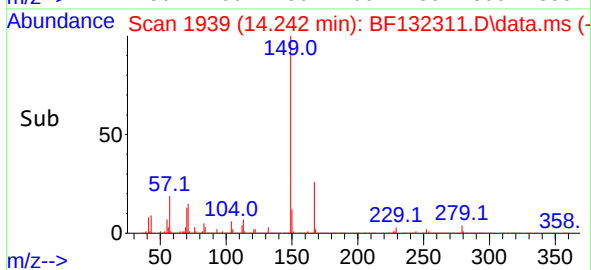
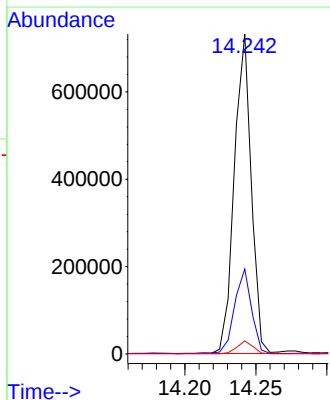
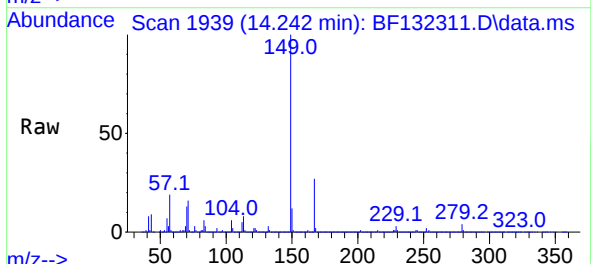
Manual Integrations
APPROVED

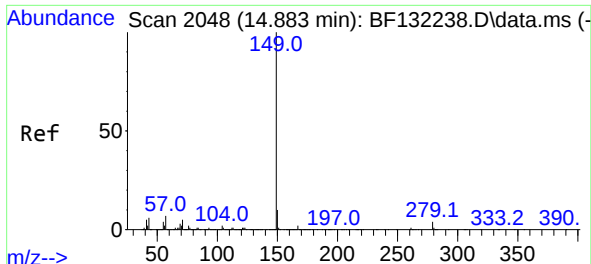
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.719 ng
RT: 14.242 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

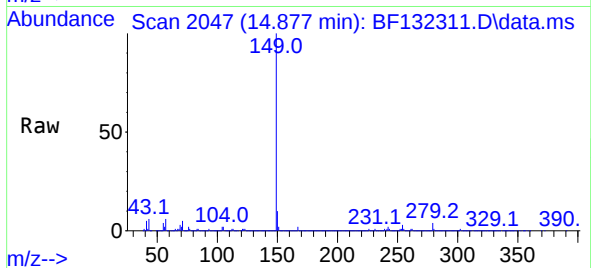
Tgt Ion:149 Resp: 609636
Ion Ratio Lower Upper
149 100
167 26.5 20.7 31.1
279 4.1 2.7 4.1#





#85
Di-n-octyl phthalate
Concen: 58.551 ng
RT: 14.877 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

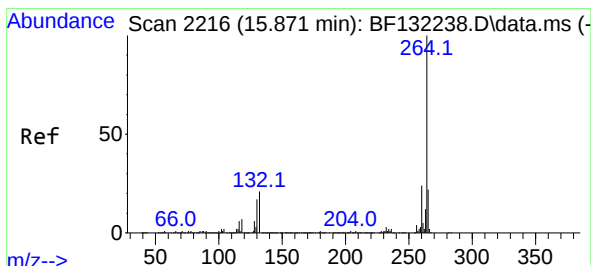
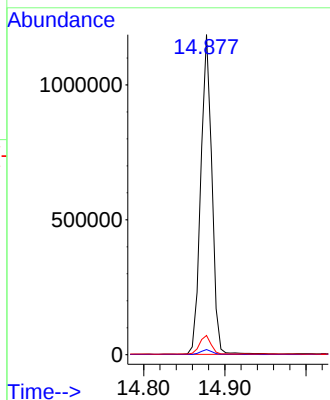
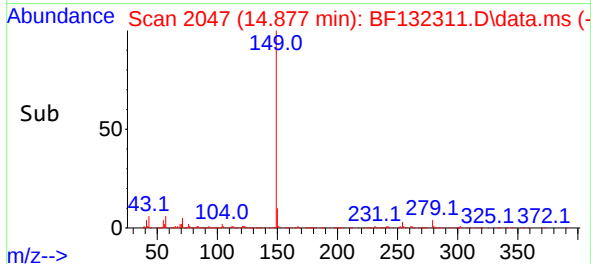
Instrument :
BNA_F
ClientSampleId :
JPP-9-013123MSD



Tgt Ion:149 Resp: 112571
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 6.0 5.9 8.9

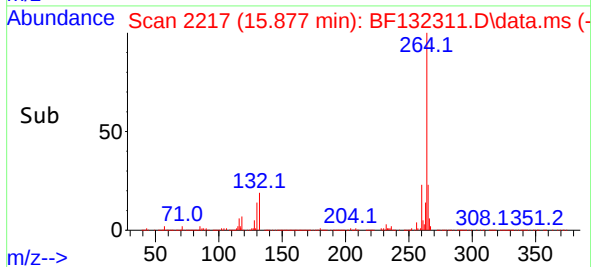
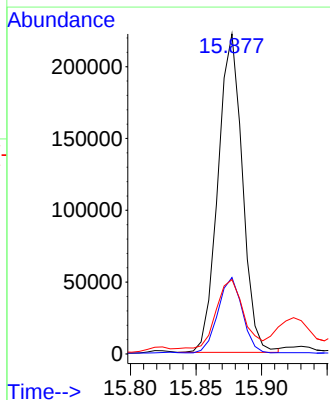
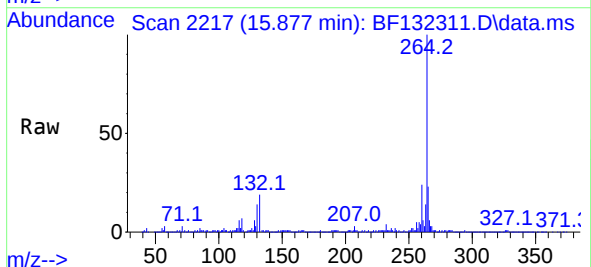
Manual Integrations
APPROVED

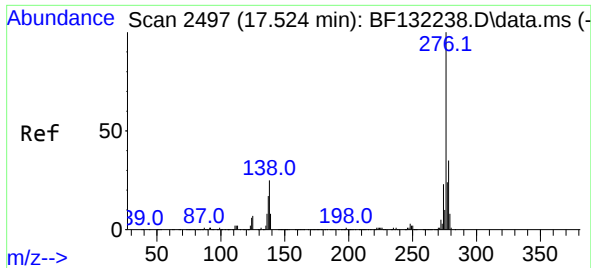
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.877 min Scan# 2217
Delta R.T. 0.006 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:264 Resp: 287099
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 23.2 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 81.526 ng
RT: 17.542 min Scan# 211
Delta R.T. 0.018 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

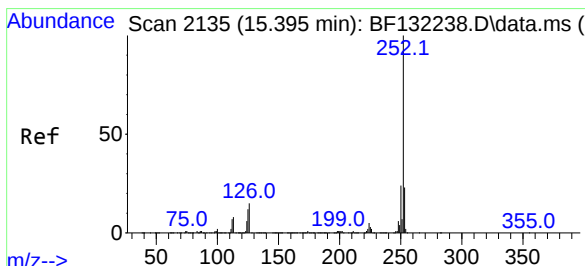
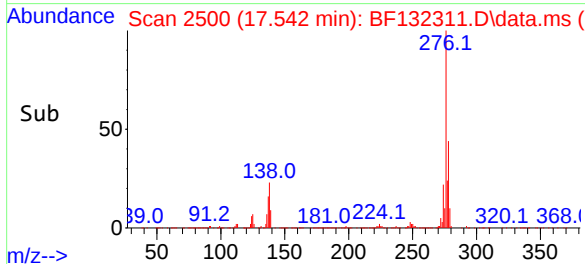
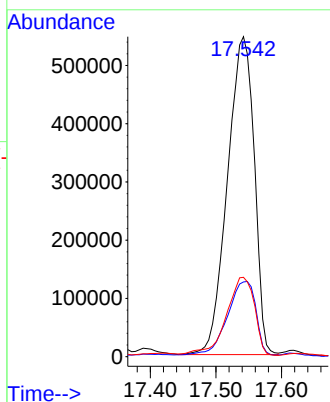
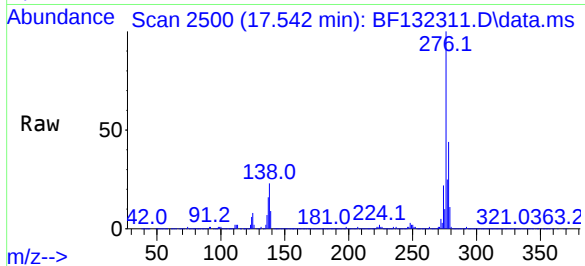
JPP-9-013123MSD

Tgt Ion:276 Resp: 155524
Ion Ratio Lower Upper
276 100
138 24.3 23.3 34.9
277 25.9 20.0 30.0

Manual Integrations

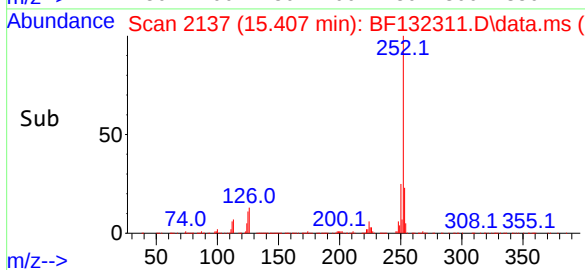
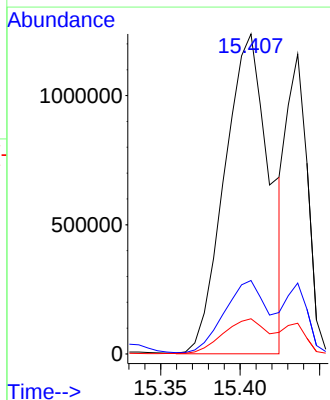
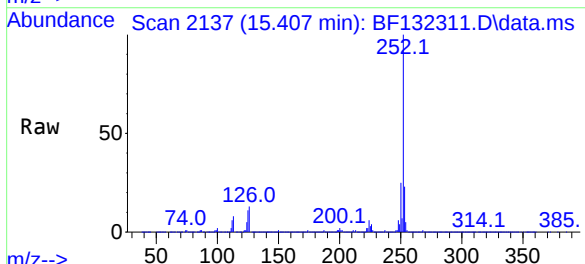
APPROVED

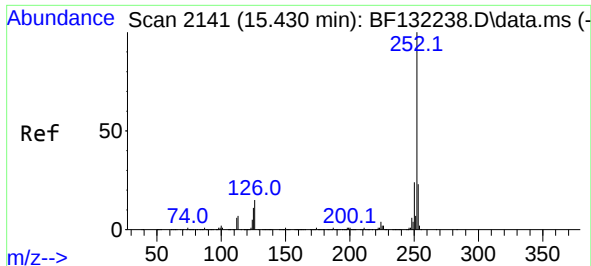
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#88
Benzo(b)fluoranthene
Concen: 132.566 ng m
RT: 15.407 min Scan# 2137
Delta R.T. 0.012 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Tgt Ion:252 Resp: 2419234
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 11.0 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 61.085 ng

RT: 15.436 min Scan# 2141

Delta R.T. 0.006 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

Tgt Ion:252 Resp: 106406

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.2

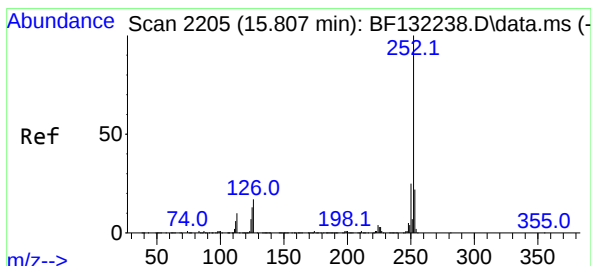
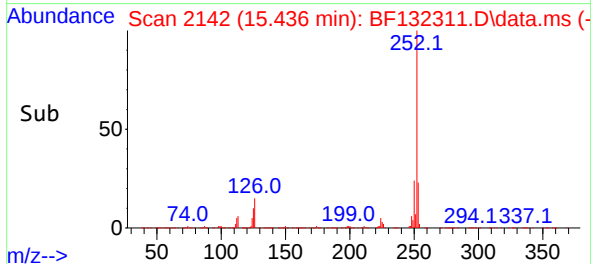
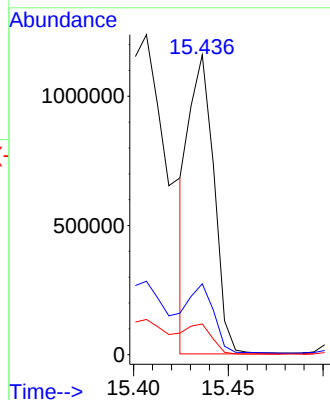
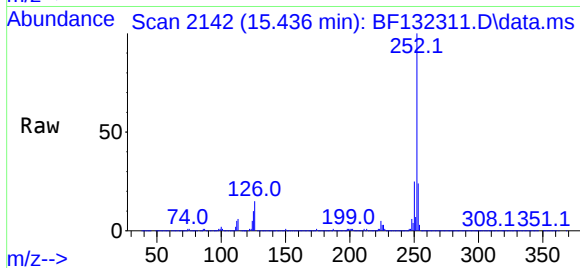
125 10.2 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023

Supervised By :Jagrut Upadhyay 02/03/2023



#90

Benzo(a)pyrene

Concen: 111.626 ng

RT: 15.819 min Scan# 2207

Delta R.T. 0.012 min

Lab File: BF132311.D

Acq: 03 Feb 2023 01:31

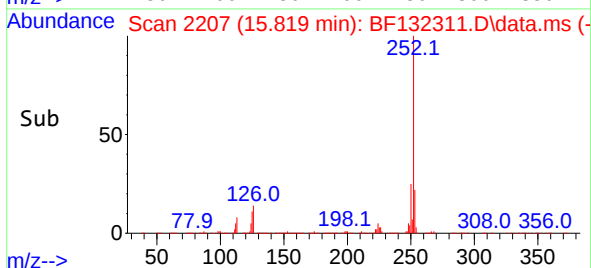
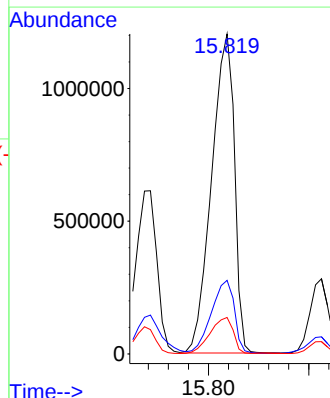
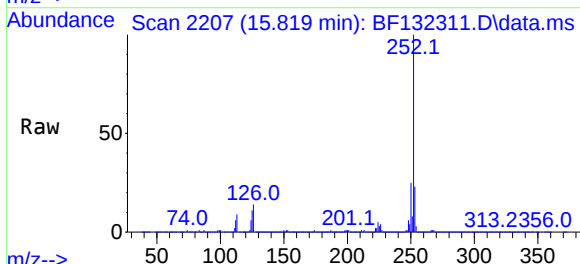
Tgt Ion:252 Resp: 1896934

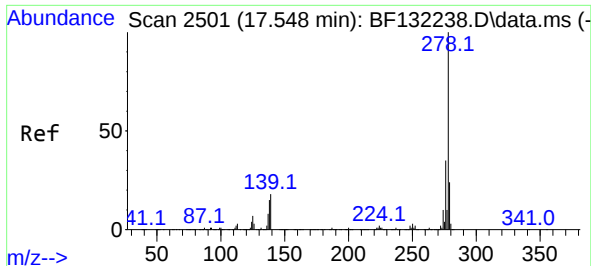
Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

125 11.4 10.2 15.4





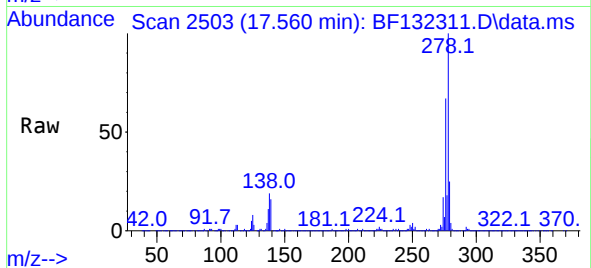
#91
Dibenzo(a,h)anthracene
Concen: 53.912 ng
RT: 17.560 min Scan# 2503
Delta R.T. 0.012 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31

Instrument :

BNA_F

ClientSampleId :

JPP-9-013123MSD

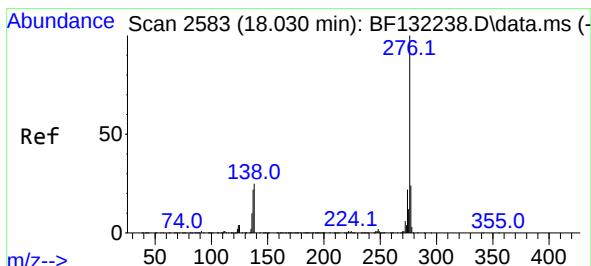
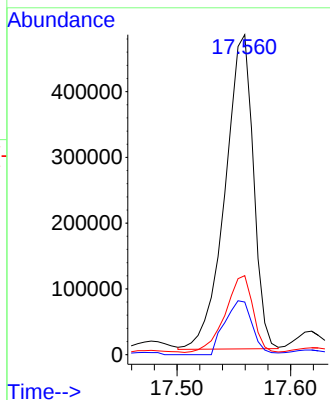
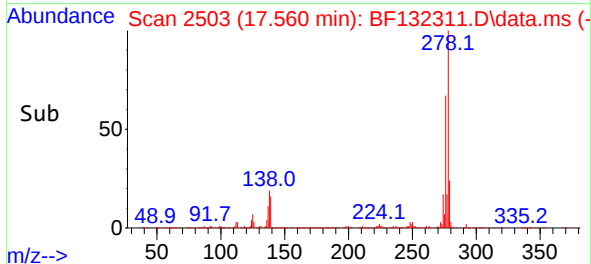


Tgt Ion:278 Resp: 82687
Ion Ratio Lower Upper
278 100
139 16.4 14.2 21.2
279 24.7 19.6 29.4

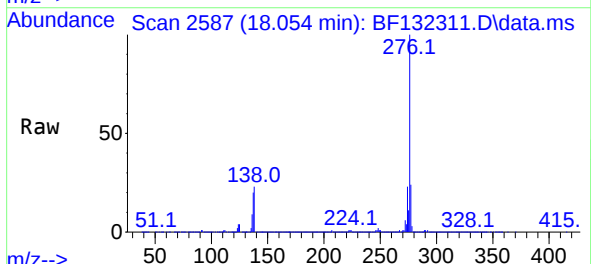
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#92
Benzo(g,h,i)perylene
Concen: 85.214 ng
RT: 18.054 min Scan# 2587
Delta R.T. 0.024 min
Lab File: BF132311.D
Acq: 03 Feb 2023 01:31



Tgt Ion:276 Resp: 1350219
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.2
138 23.0 20.3 30.5

