

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020723\
 Data File : BF132348.D
 Acq On : 07 Feb 2023 17:05
 Operator : CG\JU
 Sample : 01466-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-2MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/08/2023
 Supervised By : Jagrut Upadhyay 02/08/2023

Quant Time: Feb 08 03:59:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.054	152	151947	20.000	ng	0.00
21) Naphthalene-d8	8.342	136	578757	20.000	ng	# 0.00
39) Acenaphthene-d10	10.101	164	296997	20.000	ng	0.00
64) Phenanthrene-d10	11.601	188	570928	20.000	ng	0.00
76) Chrysene-d12	14.260	240	318597	20.000	ng	0.00
86) Perylene-d12	15.836	264	325330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	1054623	111.565	ng	0.01
7) Phenol-d6	6.672	99	1294221	111.052	ng	0.00
23) Nitrobenzene-d5	7.619	82	757585	72.841	ng	0.00
42) 2,4,6-Tribromophenol	10.901	330	438418	143.546	ng	0.00
45) 2-Fluorobiphenyl	9.419	172	1447614	75.269	ng	0.00
79) Terphenyl-d14	13.189	244	1653474	100.393	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.019	88	192885	43.365	ng	95
3) Pyridine	3.766	79	465333	38.563	ng	95
4) n-Nitrosodimethylamine	3.725	42	153675	39.800	ng	95
6) Aniline	6.713	93	506978m	32.058	ng	
8) 2-Chlorophenol	6.837	128	498335	50.900	ng	95
9) Benzaldehyde	6.601	77	269139	42.000	ng	99
10) Phenol	6.684	94	553991	45.926	ng	98
11) bis(2-Chloroethyl)ether	6.784	93	470087	47.352	ng	94
12) 1,3-Dichlorobenzene	6.995	146	524373	50.640	ng	97
13) 1,4-Dichlorobenzene	7.072	146	531360	51.407	ng	98
14) 1,2-Dichlorobenzene	7.225	146	511611	53.074	ng	97
15) Benzyl Alcohol	7.190	79	376140	44.232	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.319	45	425007	40.634	ng	95
17) 2-Methylphenol	7.295	107	383914	44.796	ng	98
18) Hexachloroethane	7.566	117	198052	51.076	ng	96
19) n-Nitroso-di-n-propyla...	7.460	70	269301	40.681	ng	97
20) 3+4-Methylphenols	7.448	107	488898	44.695	ng	92
22) Acetophenone	7.460	105	624074	45.852	ng	98
24) Nitrobenzene	7.637	77	446952	42.065	ng	93
25) Isophorone	7.872	82	852371	43.180	ng	97
26) 2-Nitrophenol	7.954	139	270979	52.358	ng	# 86
27) 2,4-Dimethylphenol	7.978	122	441816	48.772	ng	99
28) bis(2-Chloroethoxy)met...	8.078	93	544793	44.910	ng	99
29) 2,4-Dichlorophenol	8.190	162	400117	49.749	ng	98
30) 1,2,4-Trichlorobenzene	8.278	180	437152	50.757	ng	98
31) Naphthalene	8.360	128	1330646	46.709	ng	99
32) Benzoic acid	8.090	122	358359	53.443	ng	94
33) 4-Chloroaniline	8.401	127	182939	14.481	ng	98
34) Hexachlorobutadiene	8.472	225	254072	52.475	ng	99
35) Caprolactam	8.784	113	137985m	50.325	ng	
36) 4-Chloro-3-methylphenol	8.878	107	420617	48.544	ng	99
37) 2-Methylnaphthalene	9.054	142	891865	46.218	ng	99
38) 1-Methylnaphthalene	9.154	142	830413	46.307	ng	99
40) 1,2,4,5-Tetrachloroben...	9.219	216	415058	49.661	ng	100
41) Hexachlorocyclopentadiene	9.207	237	534961	109.708	ng	100
43) 2,4,6-Trichlorophenol	9.331	196	299427	50.118	ng	99

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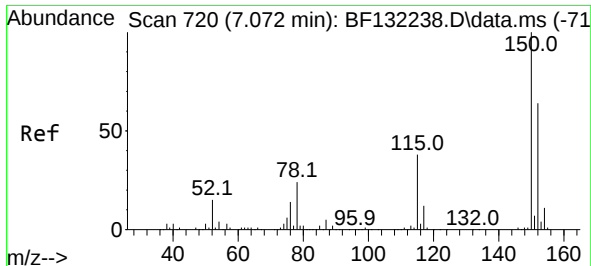
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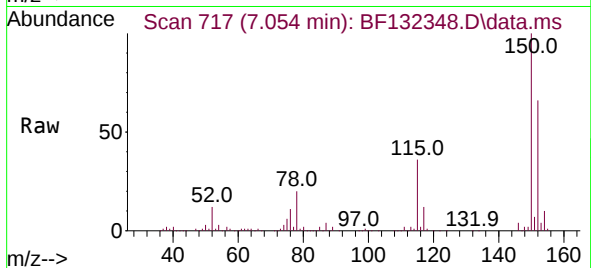
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.366	196	322915	46.959	ng	99
46) 1,1'-Biphenyl	9.519	154	1083034	47.301	ng	98
47) 2-Chloronaphthalene	9.548	162	845245	48.468	ng	99
48) 2-Nitroaniline	9.636	65	215137	41.480	ng	85
49) Acenaphthylene	9.966	152	1334582	46.890	ng	100
50) Dimethylphthalate	9.813	163	994830	47.886	ng	98
51) 2,6-Dinitrotoluene	9.878	165	232905	50.197	ng	90
52) Acenaphthene	10.136	154	957765	53.750	ng	99
53) 3-Nitroaniline	10.048	138	153393	27.261	ng	97
54) 2,4-Dinitrophenol	10.160	184	286162	104.969	ng	# 87
55) Dibenzofuran	10.313	168	1167213	46.621	ng	99
56) 4-Nitrophenol	10.207	139	417711	98.652	ng	93
57) 2,4-Dinitrotoluene	10.289	165	316004	52.430	ng	# 81
58) Fluorene	10.654	166	916735	47.578	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.425	232	264848	52.831	ng	97
60) Diethylphthalate	10.519	149	1021820	49.441	ng	99
61) 4-Chlorophenyl-phenyle...	10.642	204	446248	48.801	ng	97
62) 4-Nitroaniline	10.672	138	248987	46.145	ng	96
63) Azobenzene	10.807	77	887125	44.067	ng	92
65) 4,6-Dinitro-2-methylph...	10.695	198	177258	54.703	ng	96
66) n-Nitrosodiphenylamine	10.760	169	817878	45.749	ng	99
67) 4-Bromophenyl-phenylether	11.136	248	289289	49.483	ng	98
68) Hexachlorobenzene	11.207	284	332470	53.206	ng	# 92
69) Atrazine	11.289	200	287654	55.939	ng	99
70) Pentachlorophenol	11.401	266	376345	87.656	ng	99
71) Phenanthrene	11.630	178	1382036	46.324	ng	99
72) Anthracene	11.678	178	1416164	46.643	ng	99
73) Carbazole	11.830	167	1256255	46.145	ng	99
74) Di-n-butylphthalate	12.154	149	1617224	50.248	ng	99
75) Fluoranthene	12.825	202	1390041	45.657	ng	98
77) Benzidine	12.942	184	772354	69.341	ng	98
78) Pyrene	13.060	202	1425745	55.639	ng	100
80) Butylbenzylphthalate	13.666	149	664511	58.695	ng	95
81) Benzo(a)anthracene	14.248	228	1067536	47.908	ng	98
82) 3,3'-Dichlorobenzidine	14.207	252	174457	24.581	ng	# 99
83) Chrysene	14.289	228	979573	46.947	ng	99
84) Bis(2-ethylhexyl)phtha...	14.219	149	932047	60.907	ng	99
85) Di-n-octyl phthalate	14.854	149	1339946	53.684	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.477	276	1170973	54.169	ng	97
88) Benzo(b)fluoranthene	15.360	252	986280	47.694	ng	98
89) Benzo(k)fluoranthene	15.395	252	948248	48.039	ng	98
90) Benzo(a)pyrene	15.771	252	876825	45.534	ng	98
91) Dibenzo(a,h)anthracene	17.495	278	955664	54.987	ng	98
92) Benzo(g,h,i)perylene	17.977	276	917243	51.086	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.054 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

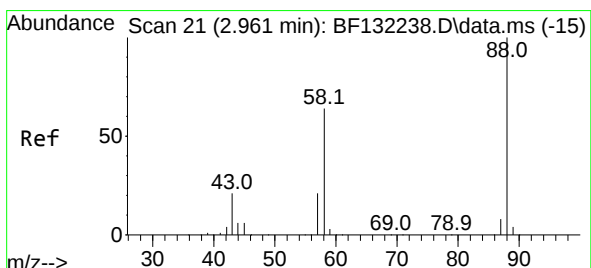
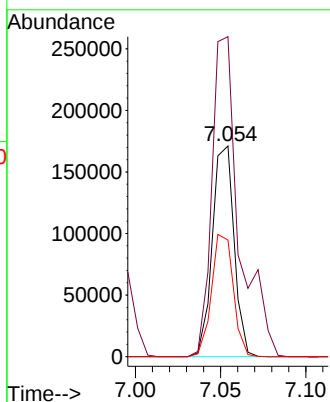
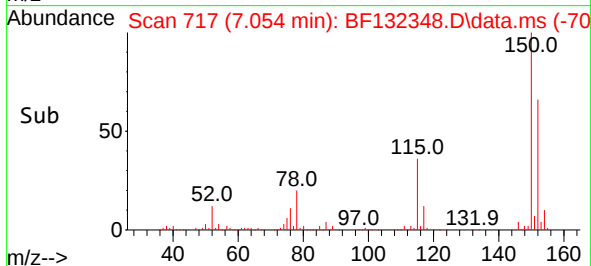
Instrument :
BNA_F
ClientSampleId :
A-2MSD



Tgt Ion:152 Resp: 15194
Ion Ratio Lower Upper
152 100
150 151.9 124.2 186.2
115 55.4 47.3 70.9

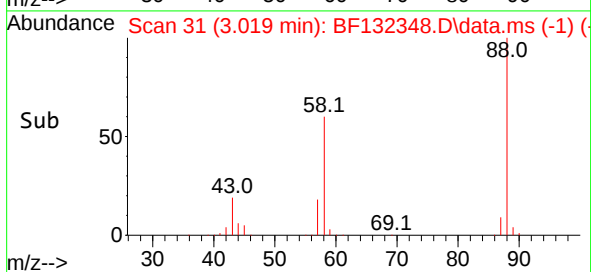
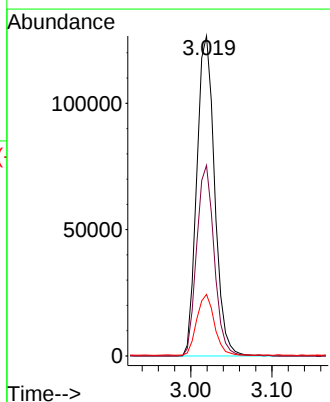
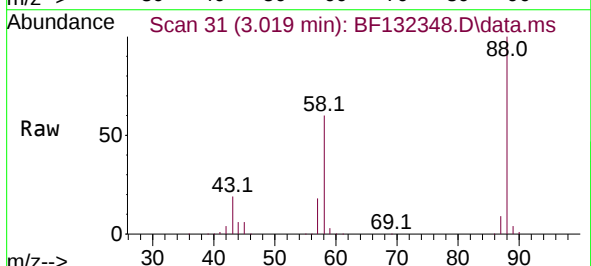
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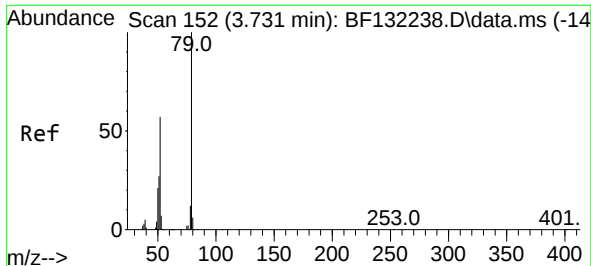
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#2
1,4-Dioxane
Concen: 43.365 ng
RT: 3.019 min Scan# 31
Delta R.T. 0.082 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

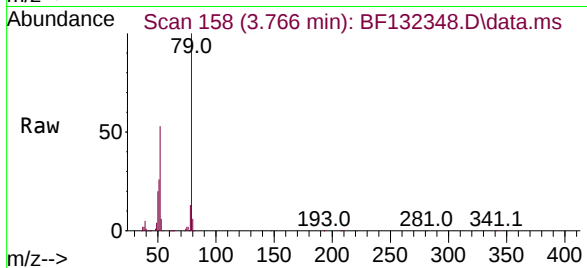
Tgt Ion: 88 Resp: 192885
Ion Ratio Lower Upper
88 100
58 58.7 50.2 75.2
43 18.8 16.9 25.3





#3
Pyridine
Concen: 38.563 ng
RT: 3.766 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

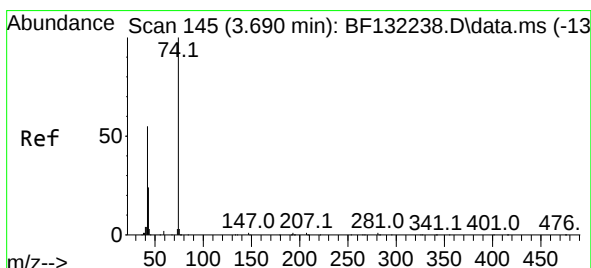
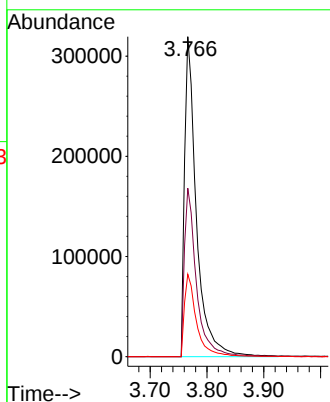
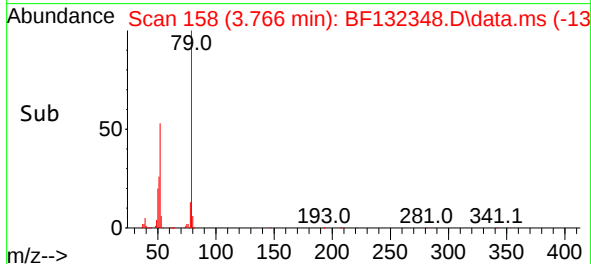
Instrument :
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A-2MSD



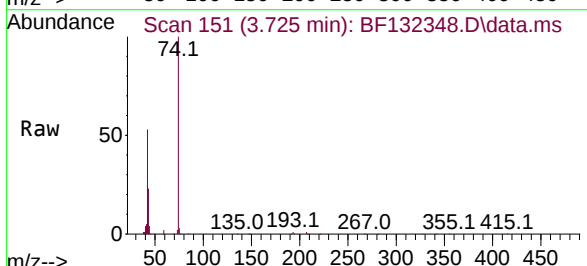
Tgt Ion: 79 Resp: 465333
Ion Ratio Lower Upper
79 100
52 52.6 45.6 68.4
51 25.8 21.5 32.3

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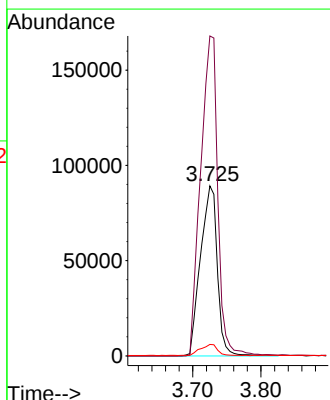
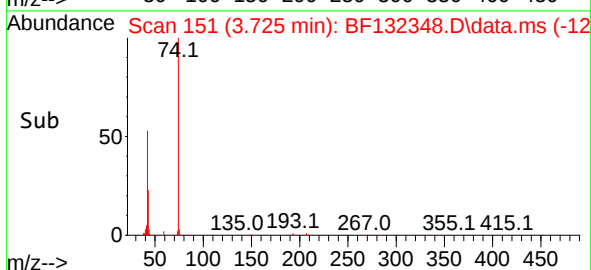
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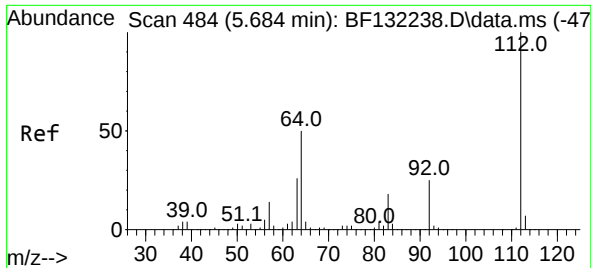


#4
n-Nitrosodimethylamine
Concen: 39.800 ng
RT: 3.725 min Scan# 151
Delta R.T. 0.053 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05



Tgt Ion: 42 Resp: 153675
Ion Ratio Lower Upper
42 100
74 188.2 144.6 217.0
44 6.8 5.1 7.7





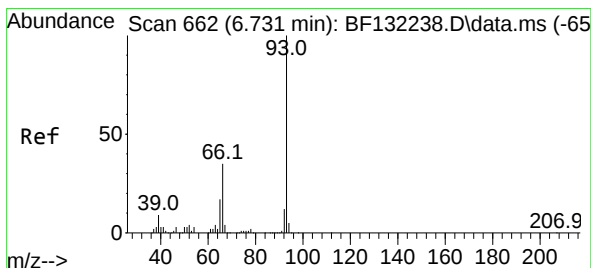
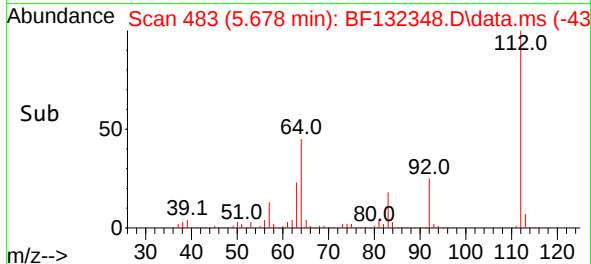
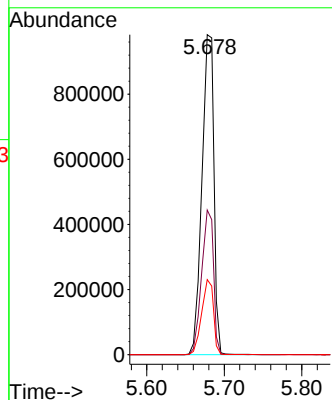
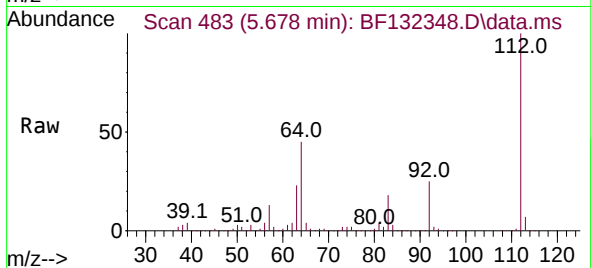
#5
2-Fluorophenol
Concen: 111.565 ng
RT: 5.678 min Scan# 484
Delta R.T. 0.012 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

Instrument :
BNA_F
ClientSampleId :
A-2MSD

Tgt Ion:112 Resp: 1054623
Ion Ratio Lower Upper
112 100
64 45.2 40.0 60.0
63 23.4 20.5 30.7

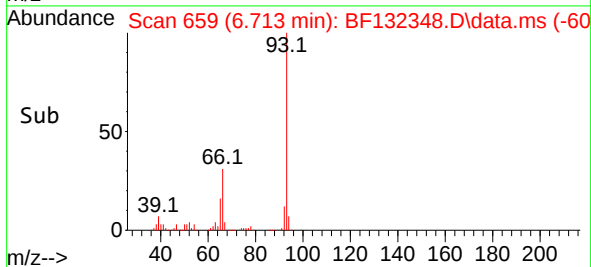
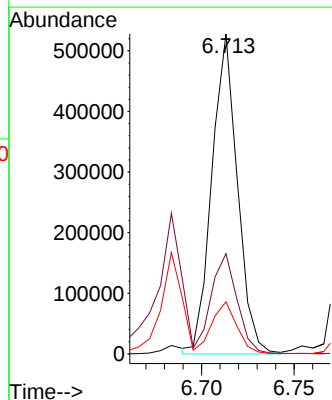
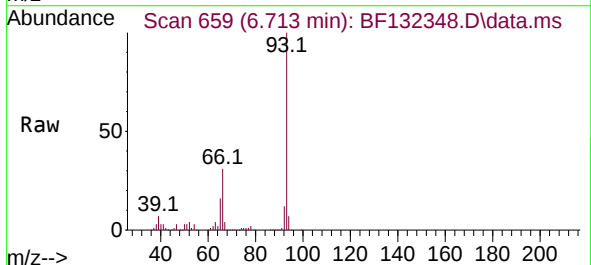
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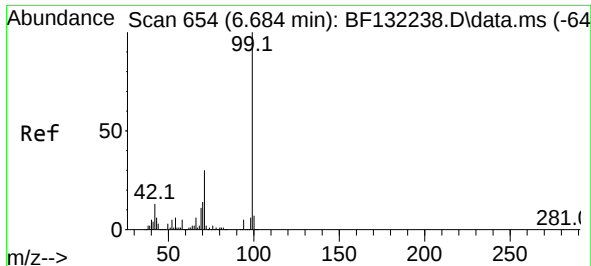
Reviewed By :Christian Giraldo 02/08/2023
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#6
Aniline
Concen: 32.058 ng m
RT: 6.713 min Scan# 659
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

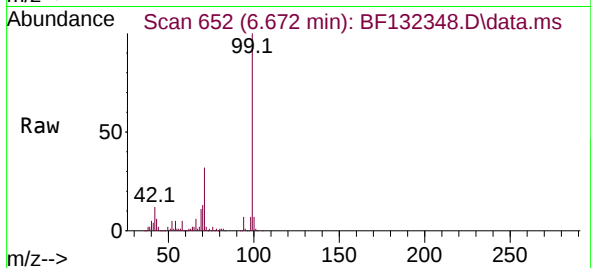
Tgt Ion: 93 Resp: 506978
Ion Ratio Lower Upper
93 100
66 31.3 28.8 43.2
65 16.3 14.2 21.4





#7
Phenol-d6
Concen: 111.052 ng
RT: 6.672 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

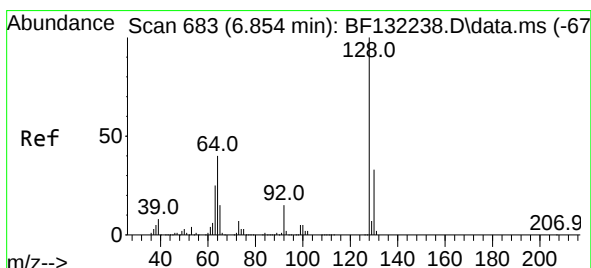
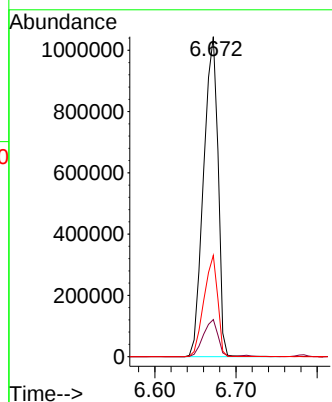
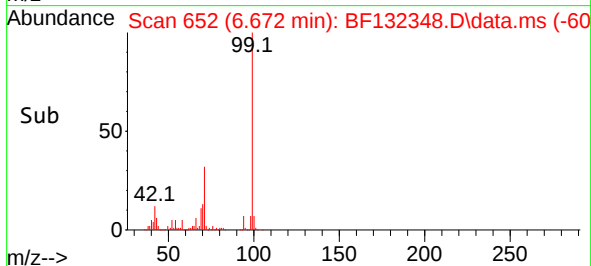
Instrument :
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Tgt Ion: 99 Resp: 129422
Ion Ratio Lower Upper
99 100
42 11.6 10.1 15.1
71 31.6 24.2 36.4

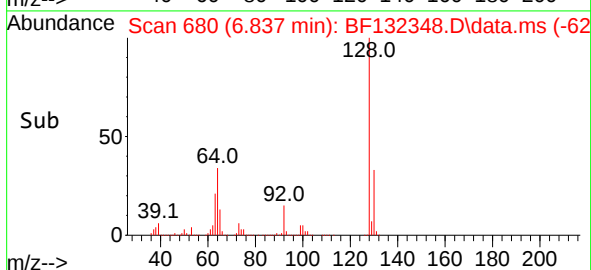
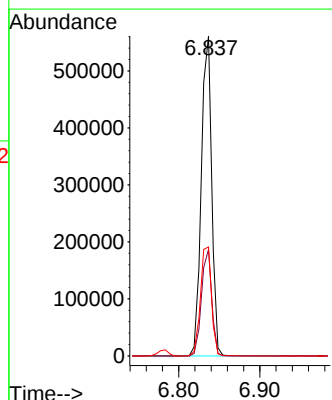
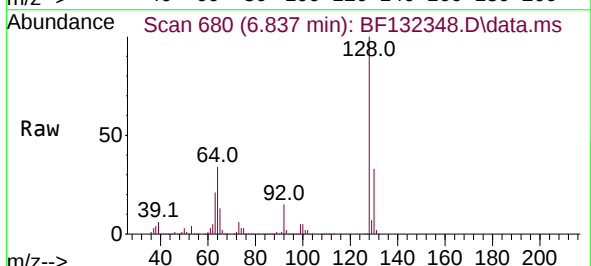
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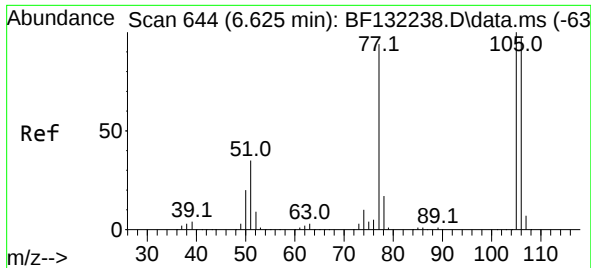
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#8
2-Chlorophenol
Concen: 50.900 ng
RT: 6.837 min Scan# 680
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

Tgt Ion:128 Resp: 498335
Ion Ratio Lower Upper
128 100
130 33.3 13.3 53.3
64 34.0 20.1 60.1





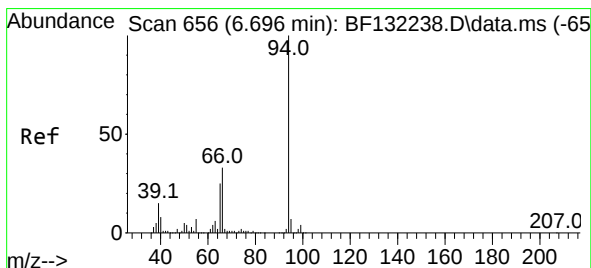
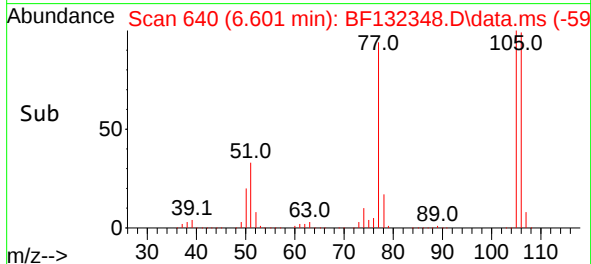
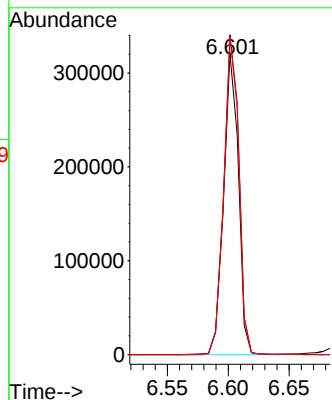
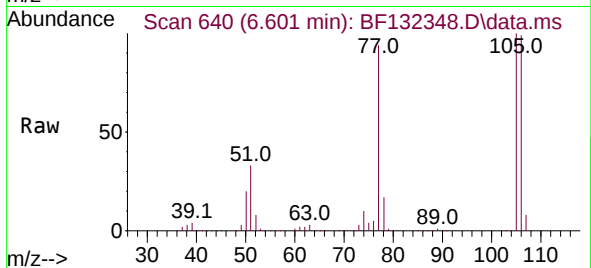
#9
Benzaldehyde
Concen: 42.000 ng
RT: 6.601 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

Instrument :
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ClientSampleId :
A-2MSD

Tgt Ion: 77 Resp: 269139
Ion Ratio Lower Upper
77 100
105 106.3 86.8 126.8
106 105.2 83.8 123.8

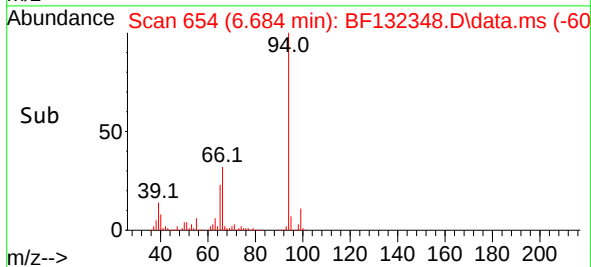
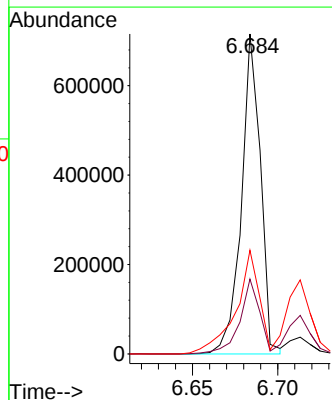
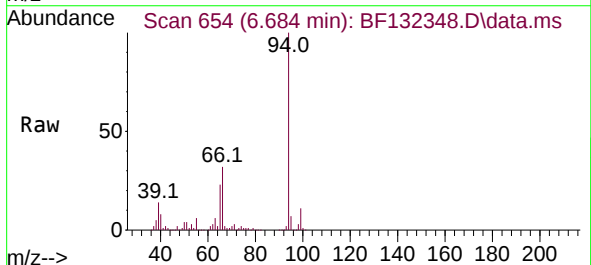
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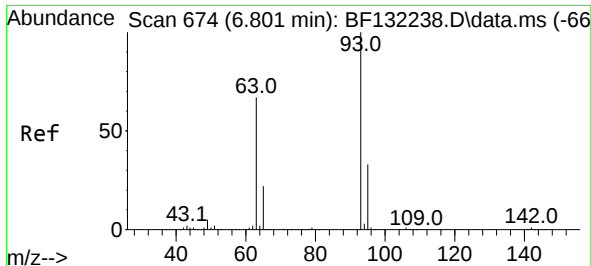
Reviewed By :Christian Giraldo 02/08/2023
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#10
Phenol
Concen: 45.926 ng
RT: 6.684 min Scan# 654
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

Tgt Ion: 94 Resp: 553991
Ion Ratio Lower Upper
94 100
65 23.4 5.1 45.1
66 32.4 13.0 53.0





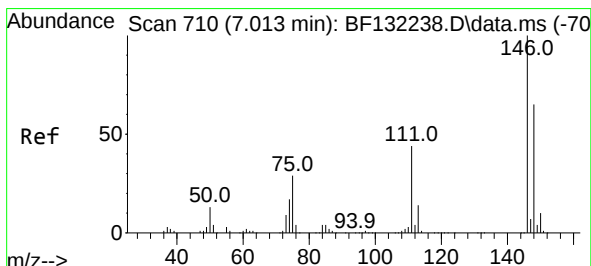
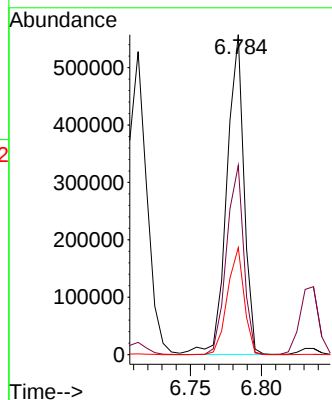
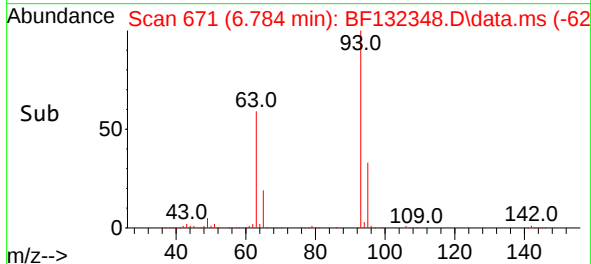
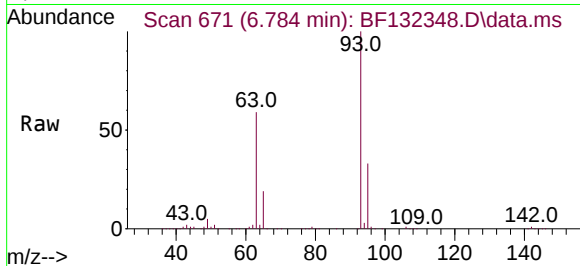
#11
bis(2-Chloroethyl)ether
Concen: 47.352 ng
RT: 6.784 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

Instrument :
BNA_F
ClientSampleId :
A-2MSD

Tgt Ion: 93 Resp: 470081
Ion Ratio Lower Upper
93 100
63 59.1 46.7 86.7
95 33.4 13.4 53.4

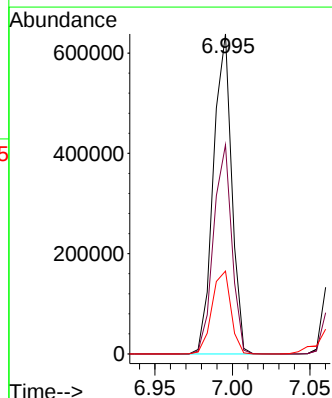
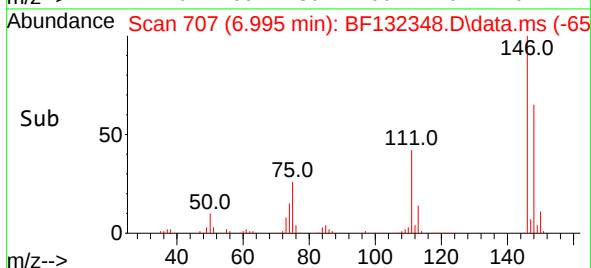
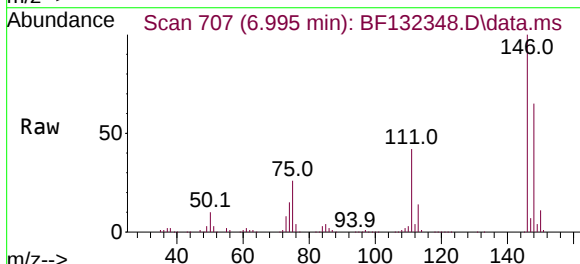
Manual Integrations
APPROVED

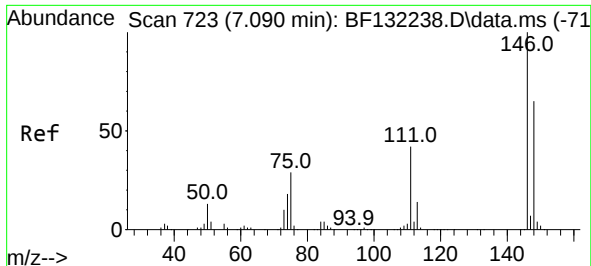
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#12
1,3-Dichlorobenzene
Concen: 50.640 ng
RT: 6.995 min Scan# 707
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

Tgt Ion:146 Resp: 524373
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 25.9 23.5 35.3





#13

1,4-Dichlorobenzene

Concen: 51.407 ng

RT: 7.072 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF132348.D

Acq: 07 Feb 2023 17:05

Instrument :

BNA_F

ClientSampleId :

A-2MSD

Tgt Ion:146 Resp: 531360

Ion Ratio Lower Upper

146 100

148 64.5 52.4 78.6

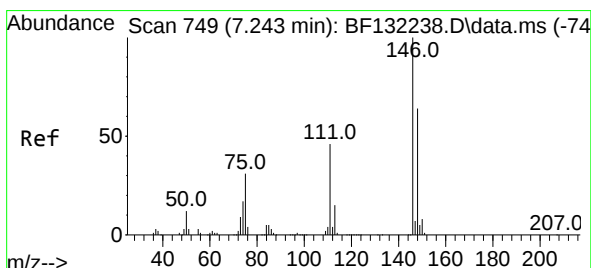
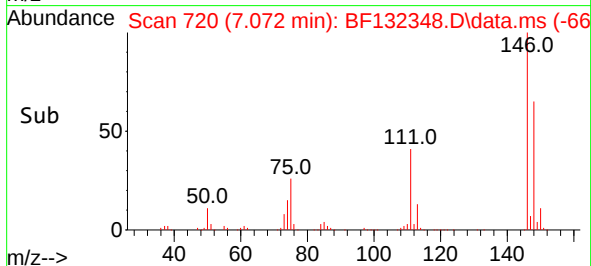
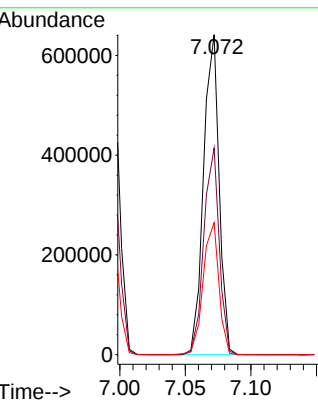
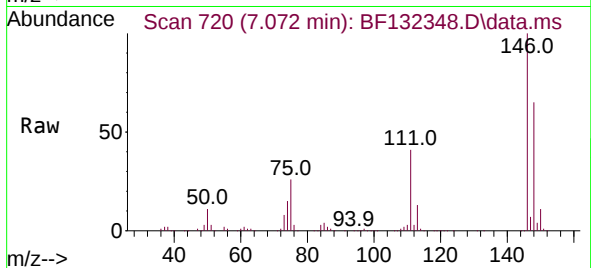
111 41.2 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/08/2023

Supervised By :Jagrut Upadhyay 02/08/2023



#14

1,2-Dichlorobenzene

Concen: 53.074 ng

RT: 7.225 min Scan# 746

Delta R.T. 0.000 min

Lab File: BF132348.D

Acq: 07 Feb 2023 17:05

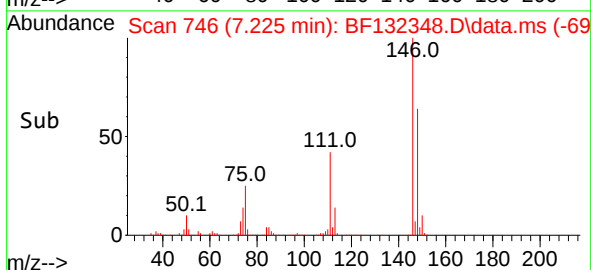
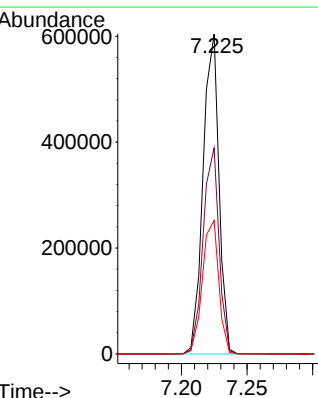
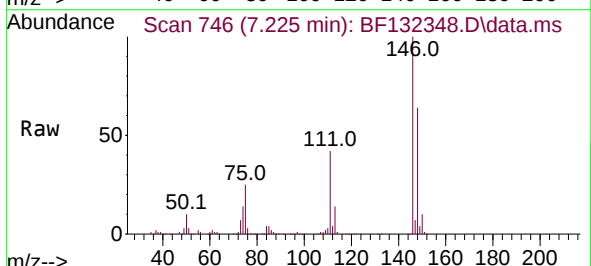
Tgt Ion:146 Resp: 511611

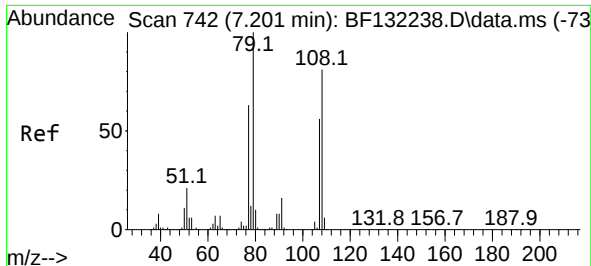
Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.0

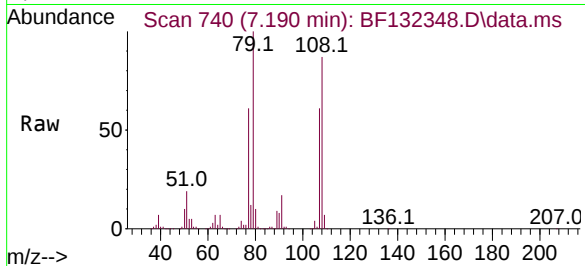
111 41.7 37.1 55.7





#15
Benzyl Alcohol
Concen: 44.232 ng
RT: 7.190 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

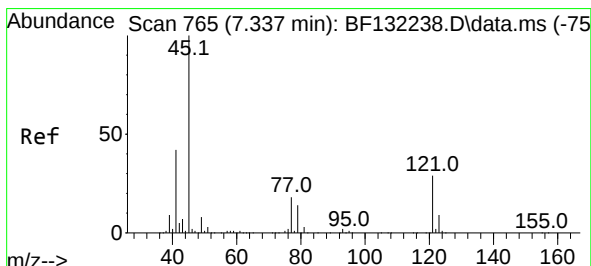
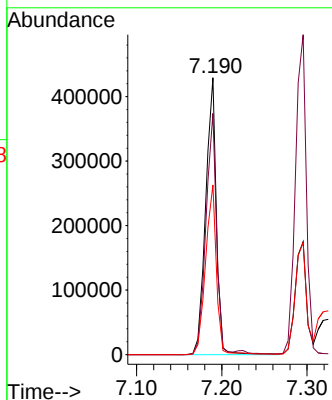
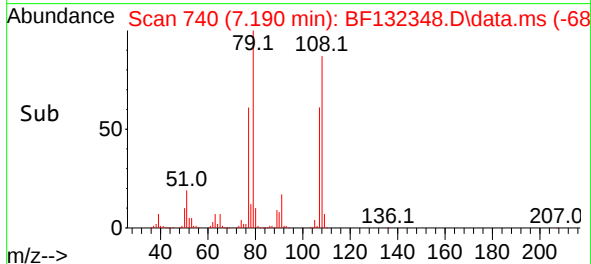
Instrument :
BNA_F
ClientSampleId :
A-2MSD



Tgt Ion: 79 Resp: 376140
Ion Ratio Lower Upper
79 100
108 87.1 64.6 97.0
77 61.3 50.1 75.1

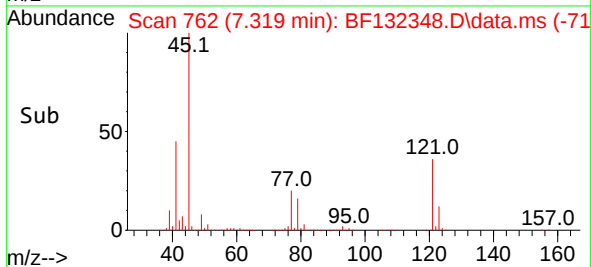
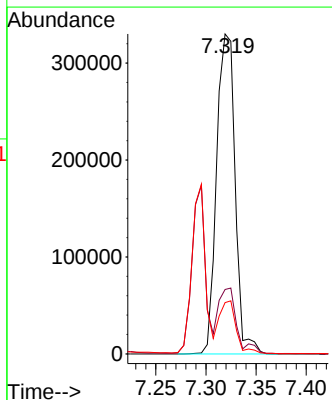
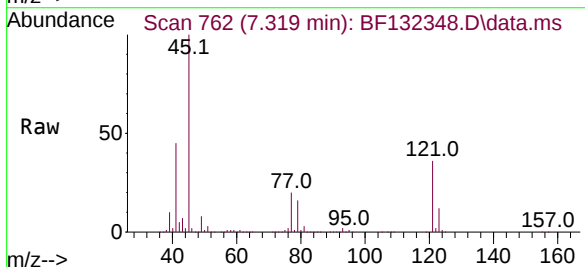
Manual Integrations
APPROVED

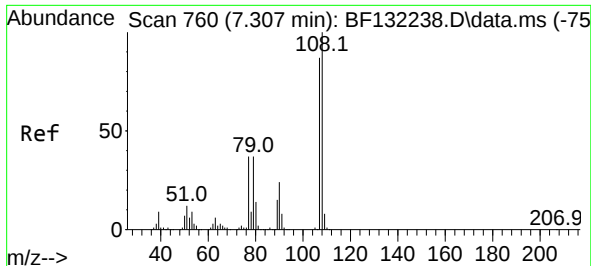
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.634 ng
RT: 7.319 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

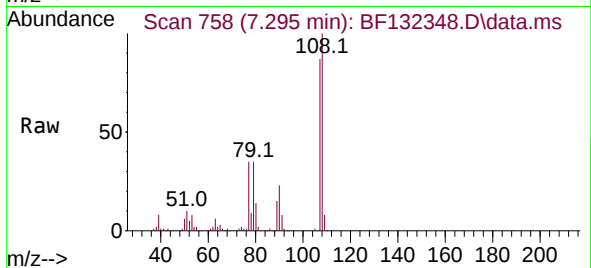
Tgt Ion: 45 Resp: 425007
Ion Ratio Lower Upper
45 100
77 20.1 0.0 38.0
79 16.0 0.0 33.8





#17
2-Methylphenol
Concen: 44.796 ng
RT: 7.295 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

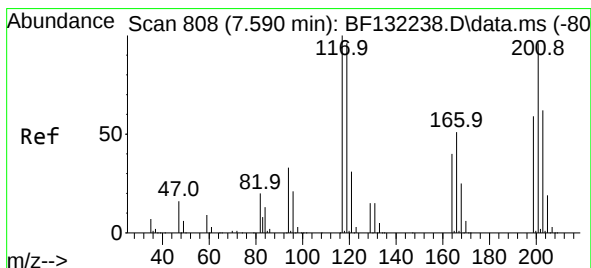
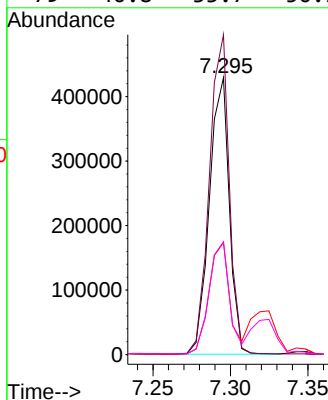
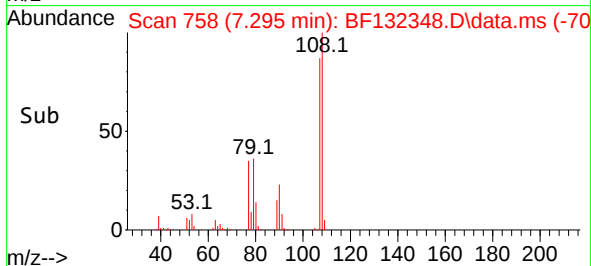
Instrument :
BNA_F
ClientSampleId :
A-2MSD



Tgt Ion:107 Resp: 383914
Ion Ratio Lower Upper
107 100
108 115.5 91.8 137.6
77 40.5 34.2 51.2
79 40.8 33.7 50.5

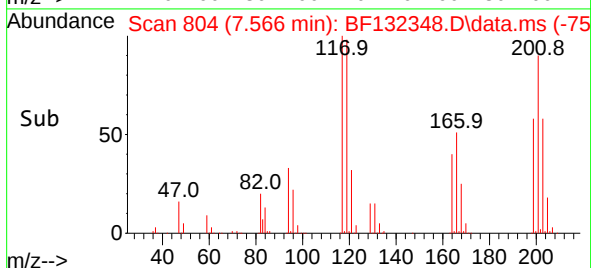
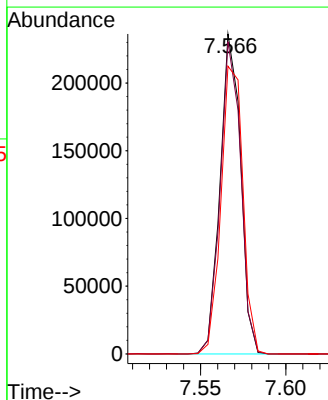
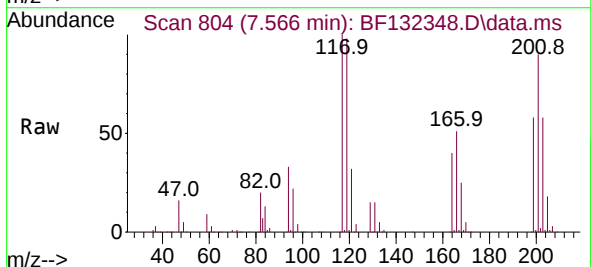
Manual Integrations
APPROVED

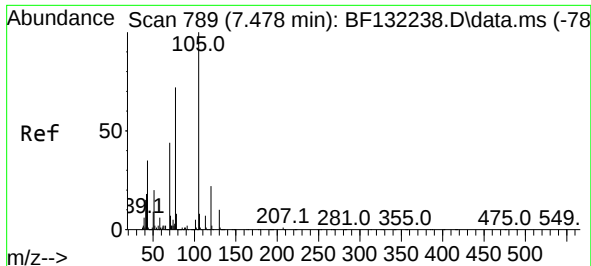
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#18
Hexachloroethane
Concen: 51.076 ng
RT: 7.566 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

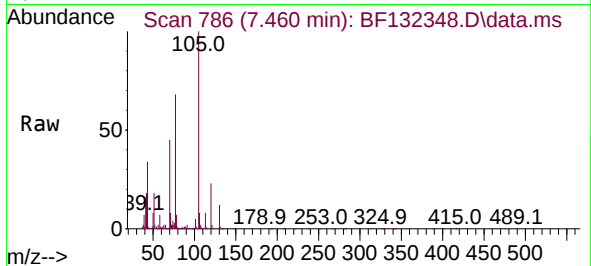
Tgt Ion:117 Resp: 198052
Ion Ratio Lower Upper
117 100
119 97.6 76.7 115.1
201 90.0 76.6 114.8





#19
n-Nitroso-di-n-propylamine
Concen: 40.681 ng
RT: 7.460 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

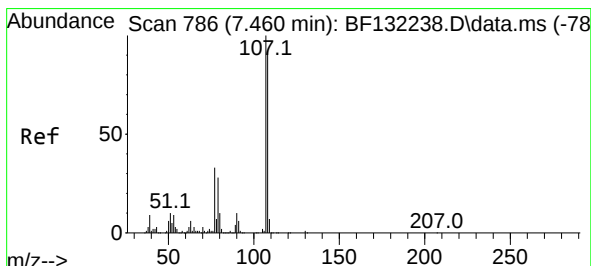
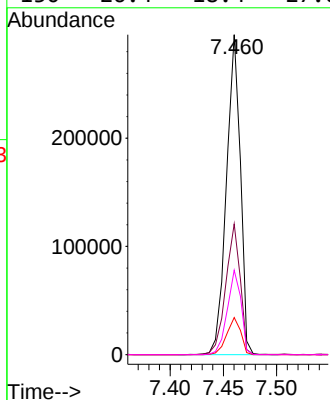
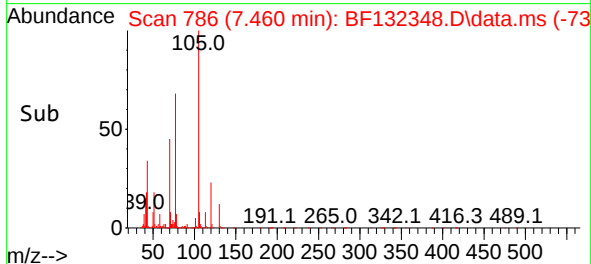
Instrument :
BNA_F
ClientSampleId :
A-2MSD



Tgt Ion: 70 Resp: 269301
Ion Ratio Lower Upper
70 100
42 40.8 33.4 50.0
101 11.6 8.2 12.4
130 26.4 18.4 27.6

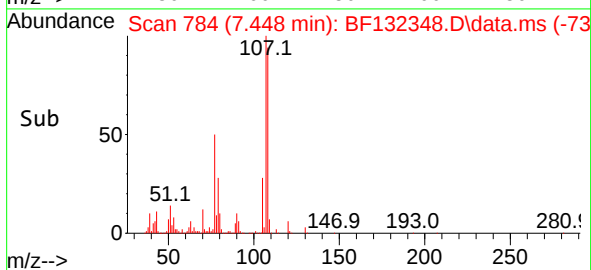
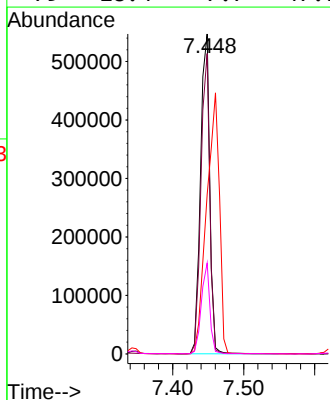
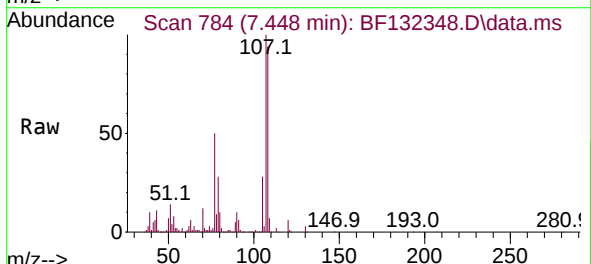
Manual Integrations
APPROVED

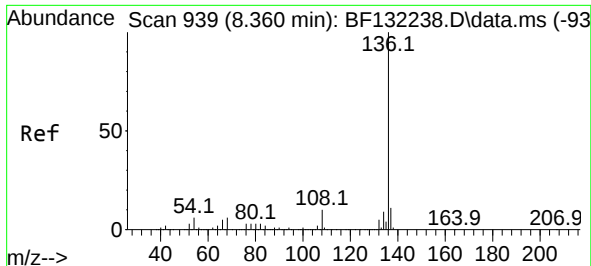
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#20
3+4-Methylphenols
Concen: 44.695 ng
RT: 7.448 min Scan# 784
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

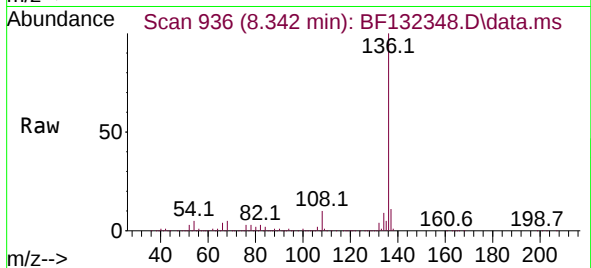
Tgt Ion:107 Resp: 488898
Ion Ratio Lower Upper
107 100
108 93.9 71.6 111.6
77 49.8 13.4 53.4
79 28.4 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.342 min Scan# 936
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

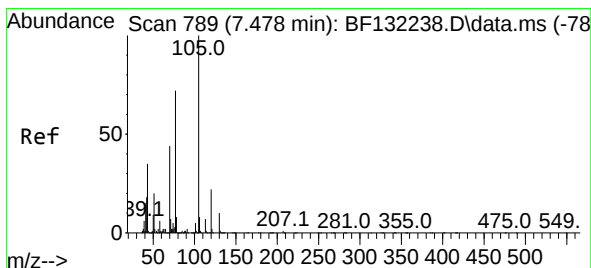
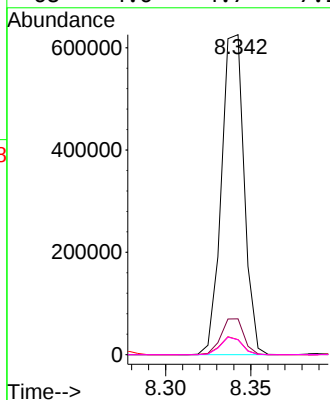
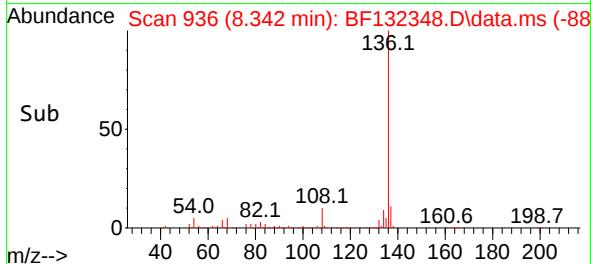
Instrument :
BNA_F
ClientSampleId :
A-2MSD



Tgt Ion:136 Resp: 57875
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 4.7 4.9 7.3
68 4.6 4.7 7.1

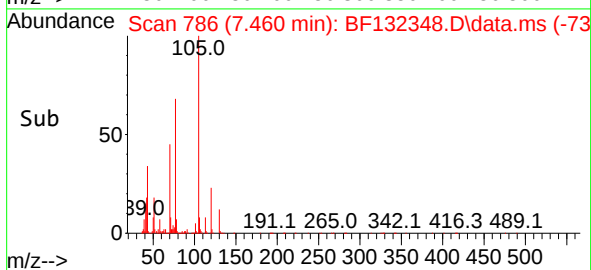
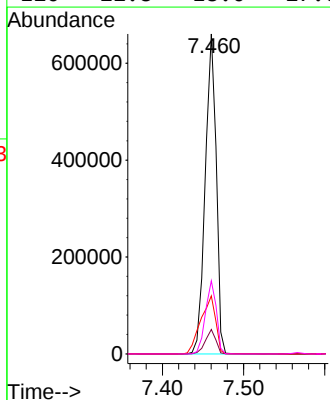
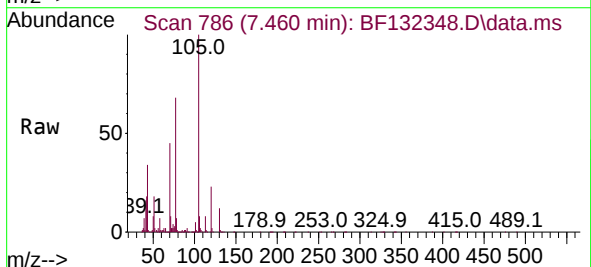
Manual Integrations
APPROVED

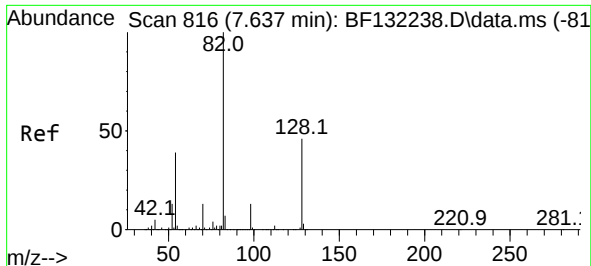
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#22
Acetophenone
Concen: 45.852 ng
RT: 7.460 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

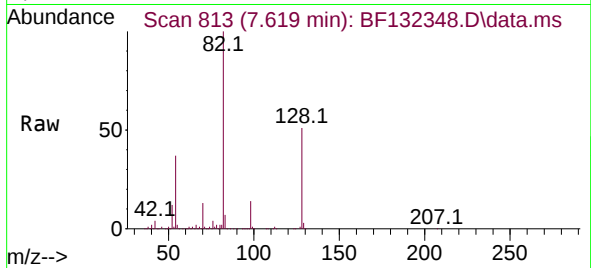
Tgt Ion:105 Resp: 624074
Ion Ratio Lower Upper
105 100
71 7.6 5.8 8.6
51 18.1 16.2 24.2
120 22.8 18.0 27.0





#23
Nitrobenzene-d5
Concen: 72.841 ng
RT: 7.619 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

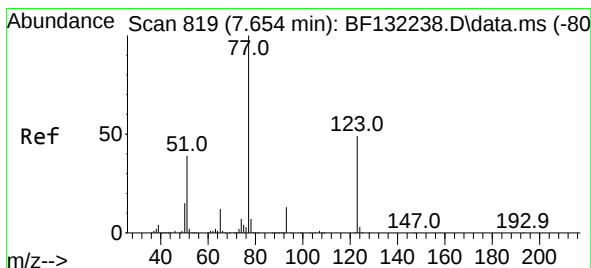
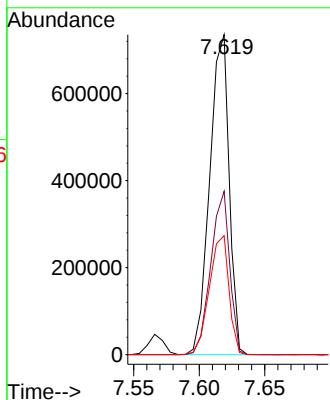
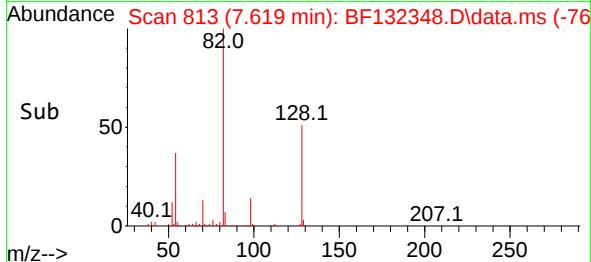
Instrument :
BNA_F
ClientSampleId :
A-2MSD



Tgt Ion: 82 Resp: 757585
Ion Ratio Lower Upper
82 100
128 51.0 37.0 55.4
54 37.2 31.5 47.3

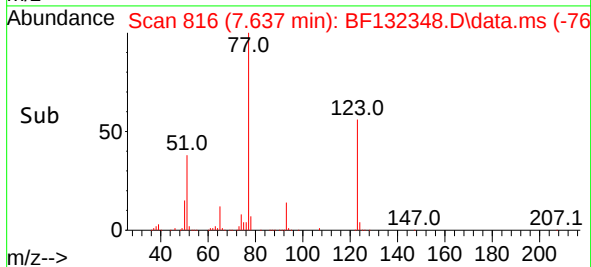
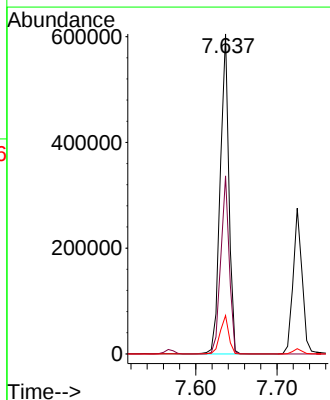
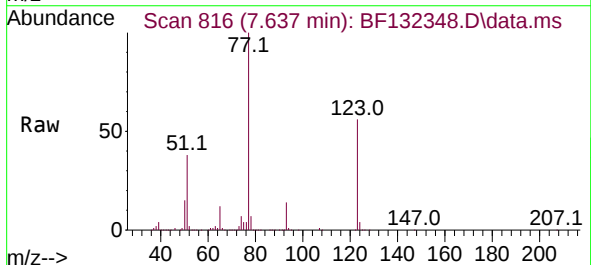
Manual Integrations
APPROVED

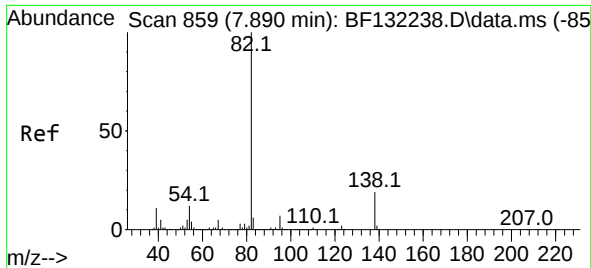
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#24
Nitrobenzene
Concen: 42.065 ng
RT: 7.637 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

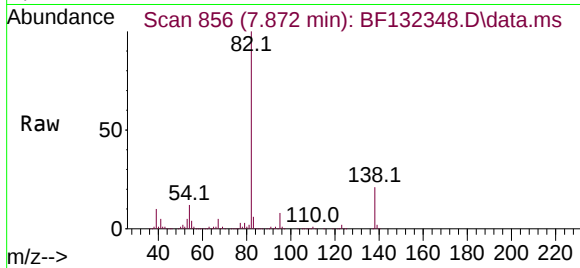
Tgt Ion: 77 Resp: 446952
Ion Ratio Lower Upper
77 100
123 55.6 39.5 59.3
65 12.0 9.8 14.8





#25
Isophorone
Concen: 43.180 ng
RT: 7.872 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

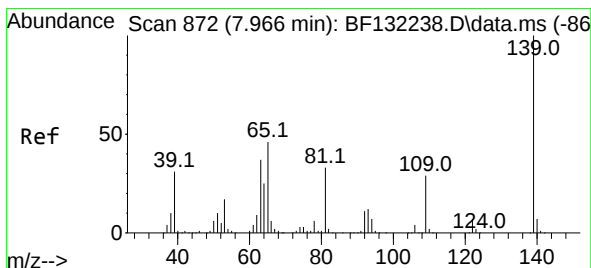
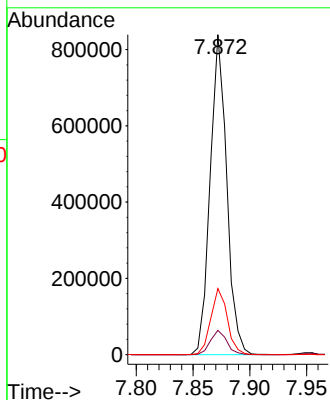
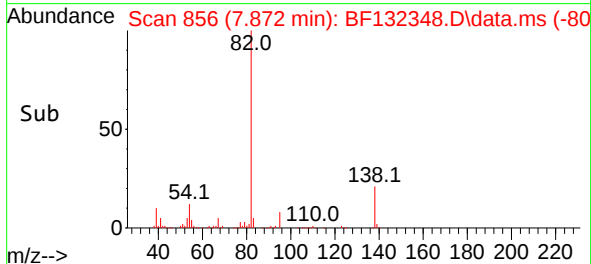
Instrument :
BNA_F
ClientSampleId :
A-2MSD



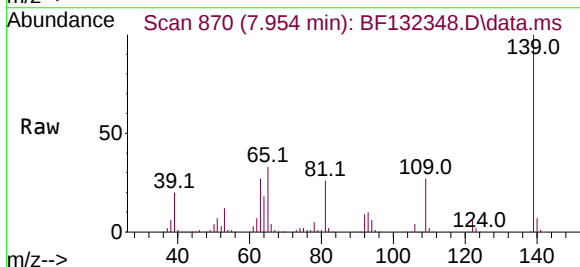
Tgt Ion: 82 Resp: 85237
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 20.6 15.0 22.6

Manual Integrations
APPROVED

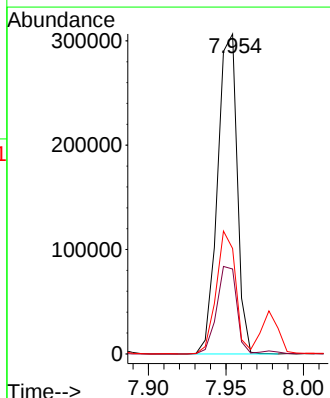
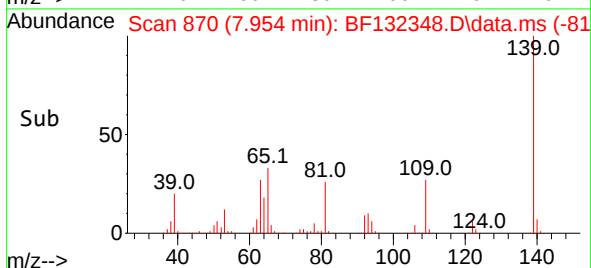
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

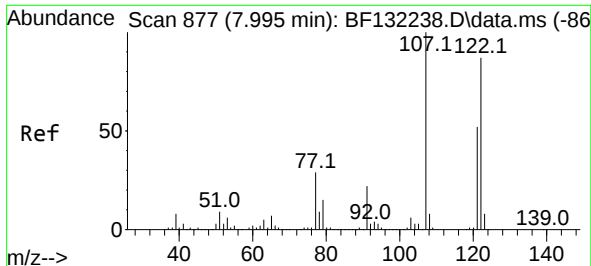


#26
2-Nitrophenol
Concen: 52.358 ng
RT: 7.954 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05



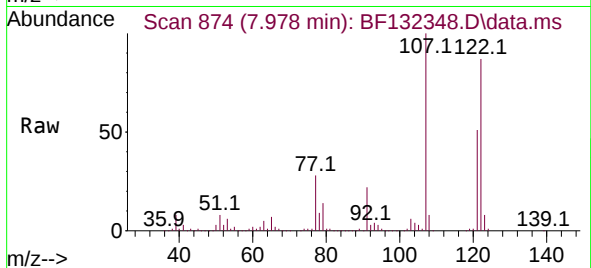
Tgt Ion:139 Resp: 270979
Ion Ratio Lower Upper
139 100
109 26.5 23.0 34.6
65 32.9 36.6 55.0#





#27
2,4-Dimethylphenol
Concen: 48.772 ng
RT: 7.978 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

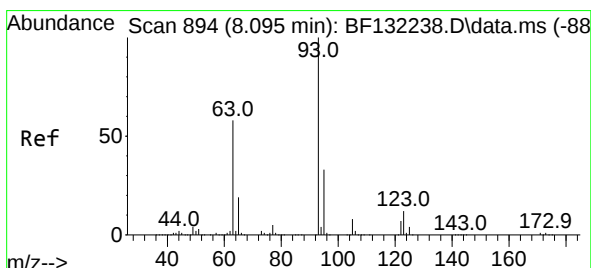
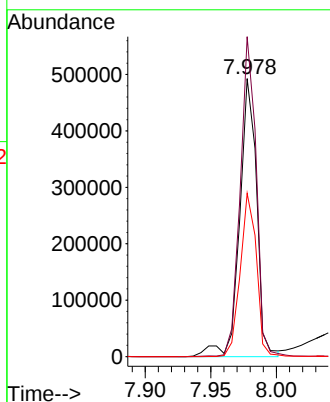
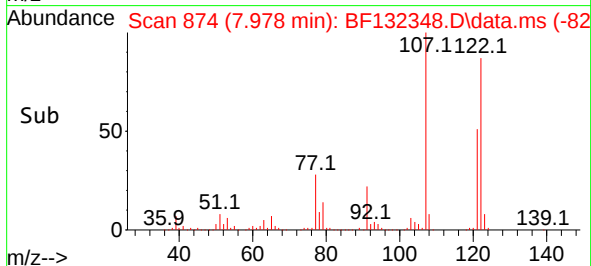
Instrument :
BNA_F
ClientSampleId :
A-2MSD



Tgt Ion:122 Resp: 441816
Ion Ratio Lower Upper
122 100
107 115.1 91.9 137.9
121 58.8 47.8 71.8

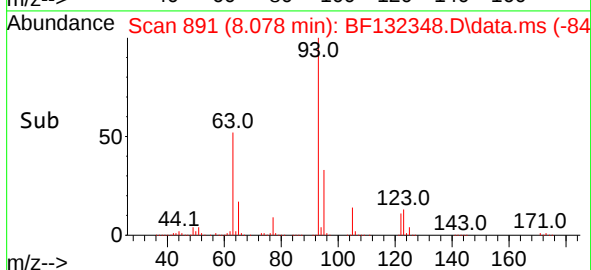
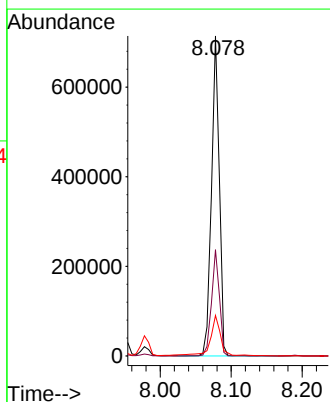
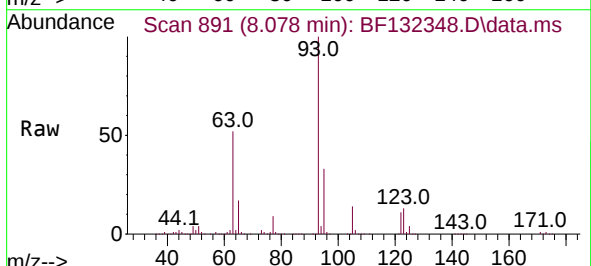
Manual Integrations
APPROVED

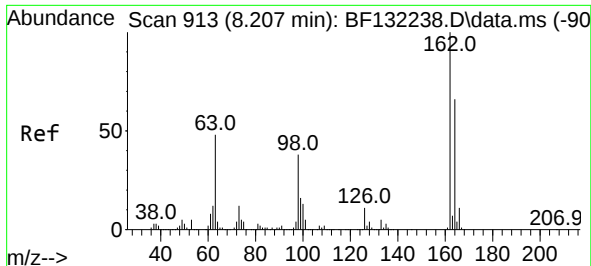
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.910 ng
RT: 8.078 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

Tgt Ion: 93 Resp: 544793
Ion Ratio Lower Upper
93 100
95 33.2 26.6 40.0
123 12.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 49.749 ng

RT: 8.190 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF132348.D

Acq: 07 Feb 2023 17:05

Instrument :

BNA_F

ClientSampleId :

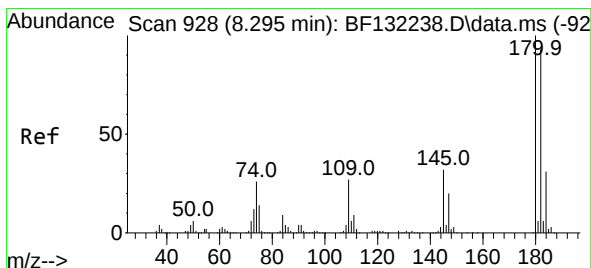
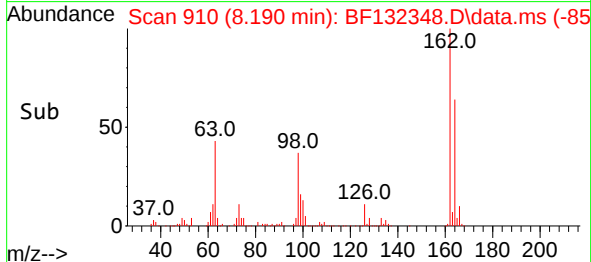
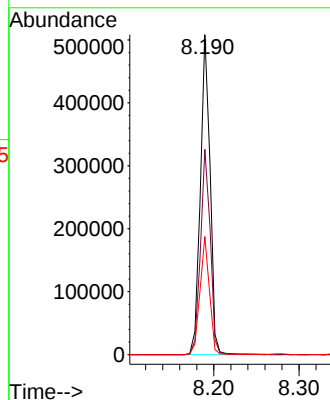
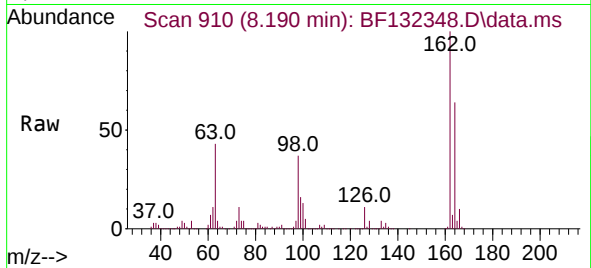
A-2MSD

Tgt Ion:162 Resp: 400117
 Ion Ratio Lower Upper
 162 100
 164 64.1 46.4 86.4
 98 36.9 17.8 57.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/08/2023
 Supervised By :Jagrut Upadhyay 02/08/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.757 ng

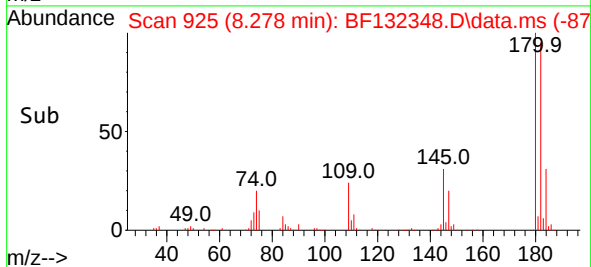
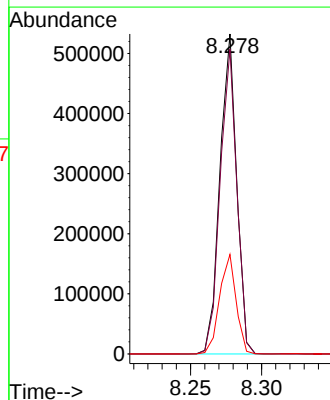
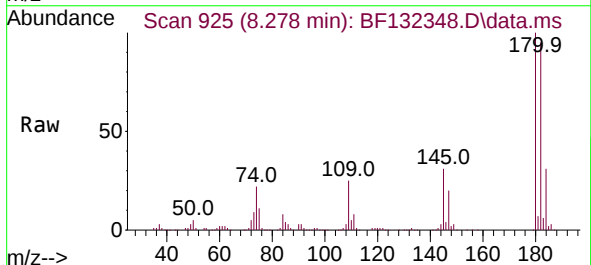
RT: 8.278 min Scan# 925

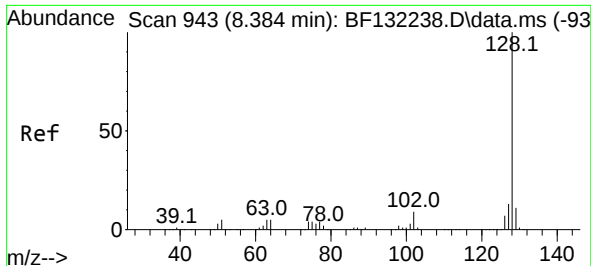
Delta R.T. 0.000 min

Lab File: BF132348.D

Acq: 07 Feb 2023 17:05

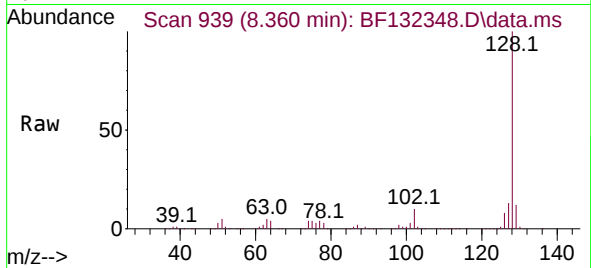
Tgt Ion:180 Resp: 437152
 Ion Ratio Lower Upper
 180 100
 182 95.2 74.6 112.0
 145 31.1 25.3 37.9





#31
Naphthalene
Concen: 46.709 ng
RT: 8.360 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

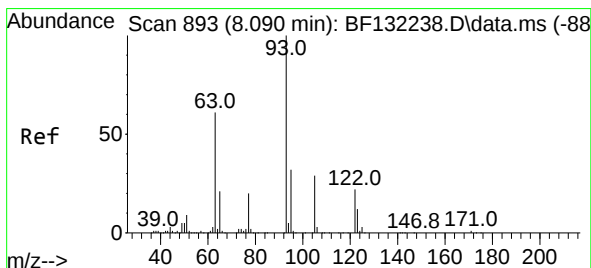
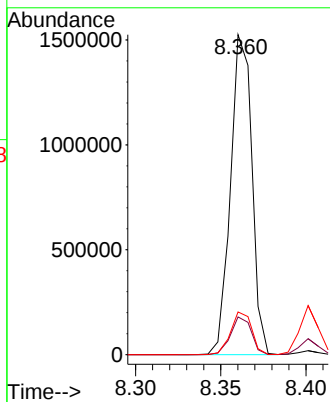
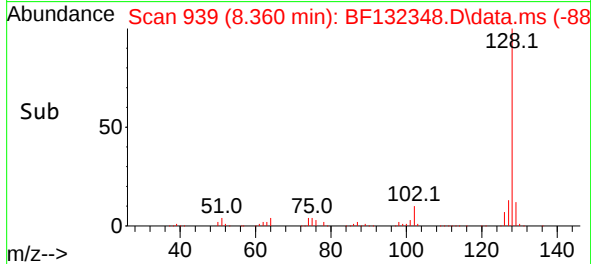
Instrument :
BNA_F
ClientSampleId :
A-2MSD



Tgt Ion:128 Resp: 1330646
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 13.4 10.5 15.7

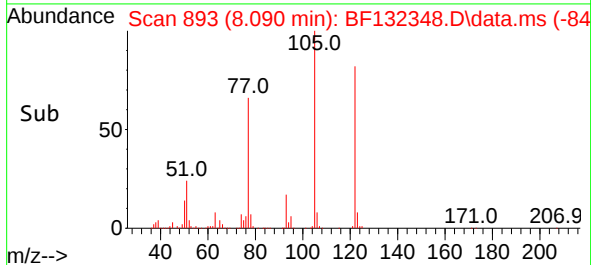
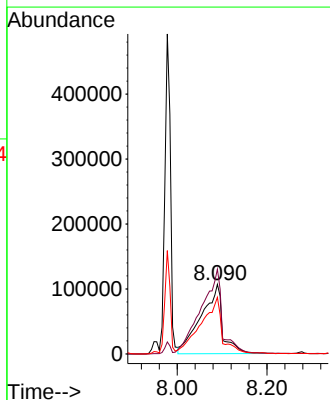
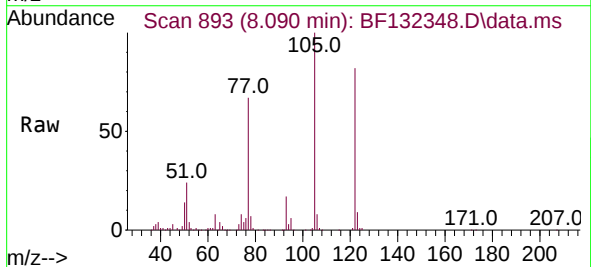
Manual Integrations
APPROVED

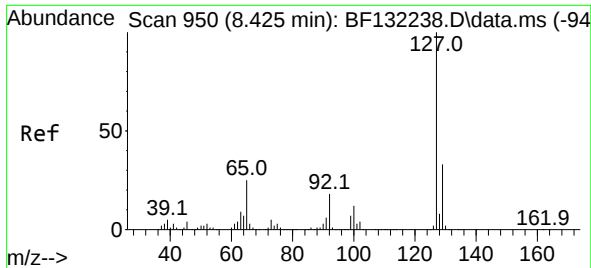
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#32
Benzoic acid
Concen: 53.443 ng
RT: 8.090 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

Tgt Ion:122 Resp: 358359
Ion Ratio Lower Upper
122 100
105 121.8 106.3 146.3
77 81.4 70.6 110.6





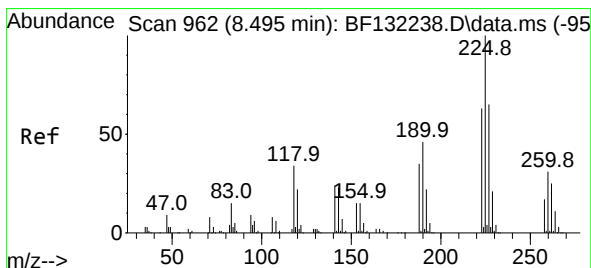
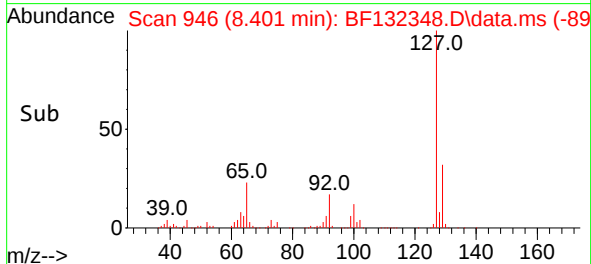
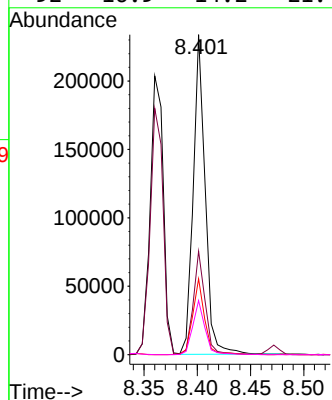
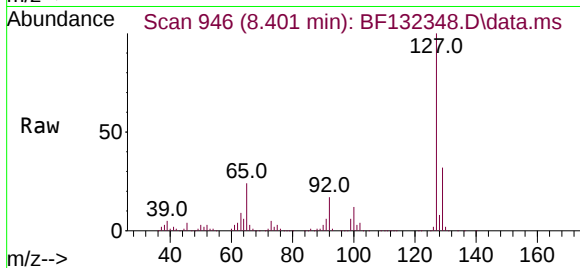
#33
4-Chloroaniline
Concen: 14.481 ng
RT: 8.401 min Scan# 946
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

Instrument :
BNA_F
ClientSampleId :
A-2MSD

Tgt Ion:	127	Resp:	182939
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.6	39.8
65	23.7	20.2	30.2
92	16.9	14.2	21.4

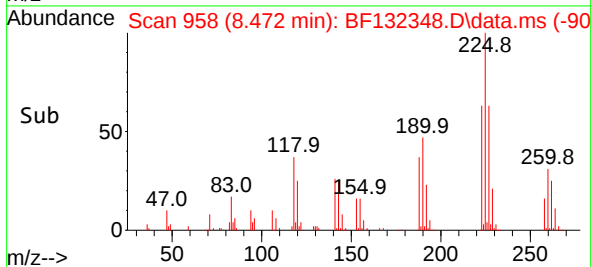
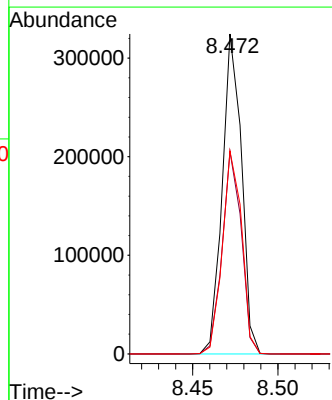
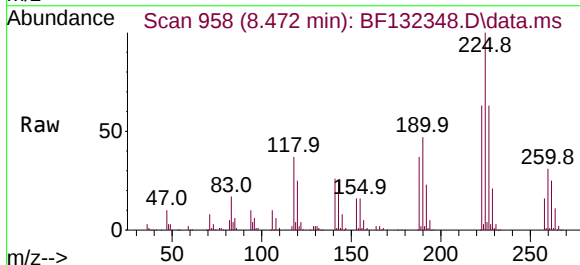
Manual Integrations
APPROVED

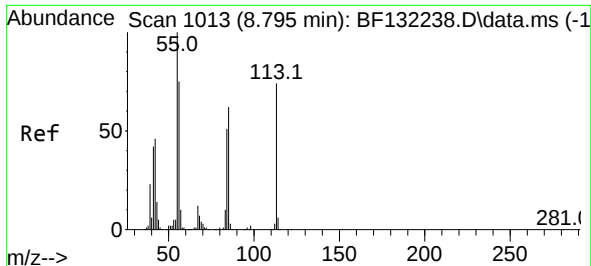
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#34
Hexachlorobutadiene
Concen: 52.475 ng
RT: 8.472 min Scan# 958
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

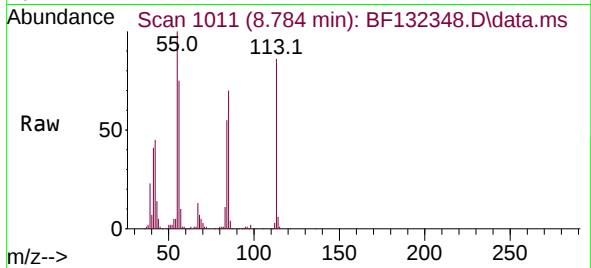
Tgt Ion:	225	Resp:	254072
Ion Ratio	Lower	Upper	
225	100		
223	63.3	50.6	75.8
227	63.4	51.7	77.5





#35
Caprolactam
Concen: 50.325 ng m
RT: 8.784 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

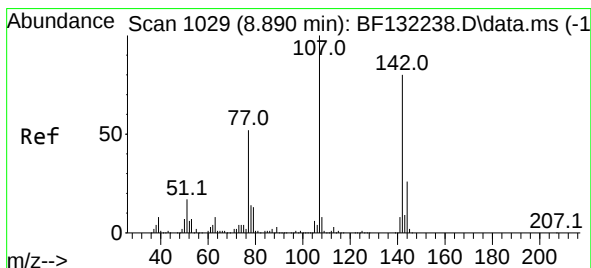
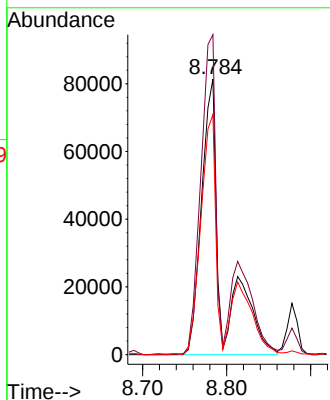
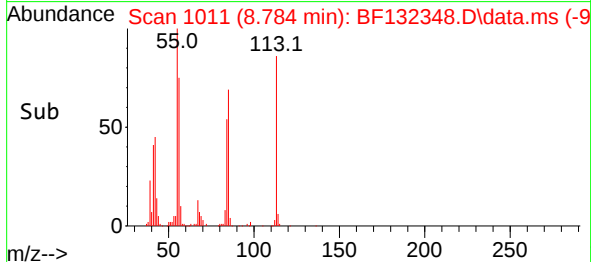
Instrument :
BNA_F
ClientSampleId :
A-2MSD



Tgt Ion:113 Resp: 137985
Ion Ratio Lower Upper
113 100
55 116.1 114.7 154.7
56 87.1 81.1 121.1

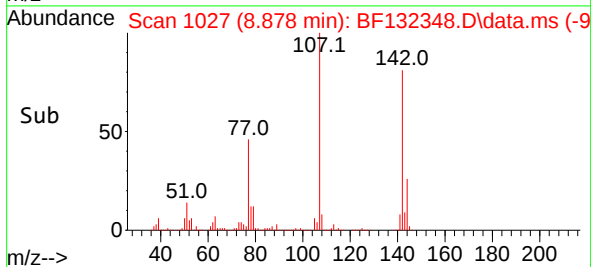
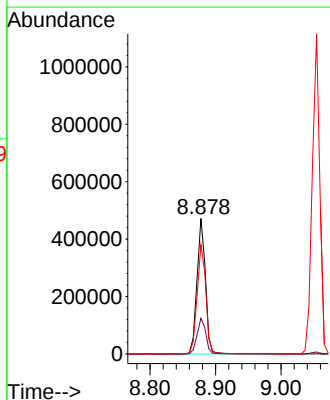
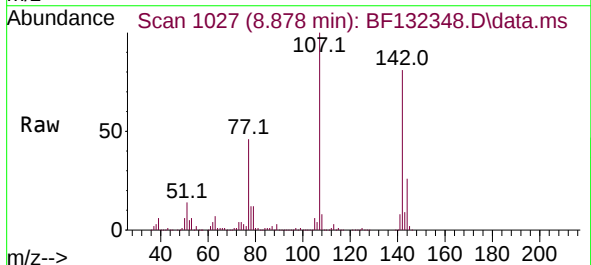
Manual Integrations
APPROVED

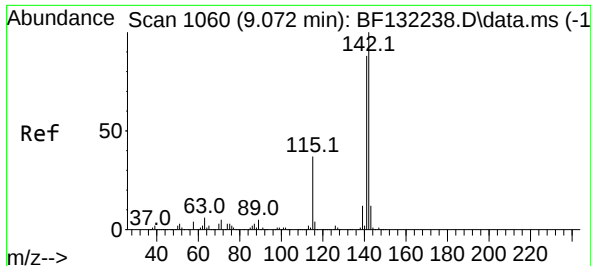
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#36
4-Chloro-3-methylphenol
Concen: 48.544 ng
RT: 8.878 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

Tgt Ion:107 Resp: 420617
Ion Ratio Lower Upper
107 100
144 26.3 20.5 30.7
142 80.7 63.6 95.4





#37

2-Methylnaphthalene

Concen: 46.218 ng

RT: 9.054 min Scan# 1060

Delta R.T. 0.000 min

Lab File: BF132348.D

Acq: 07 Feb 2023 17:05

Instrument :

BNA_F

ClientSampleId :

A-2MSD

Tgt Ion:142 Resp: 891865

Ion Ratio Lower Upper

142 100

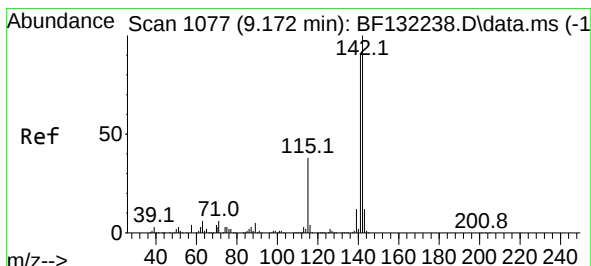
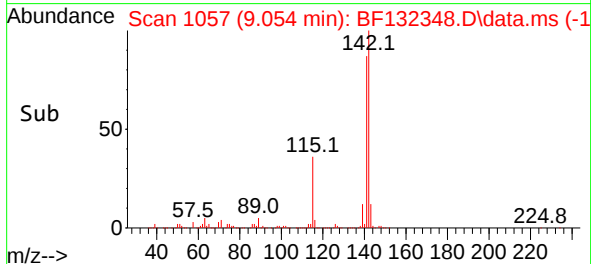
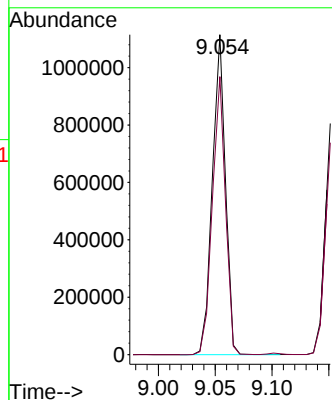
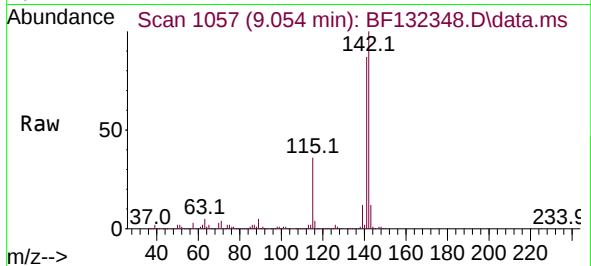
141 86.9 70.1 105.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/08/2023

Supervised By :Jagrut Upadhyay 02/08/2023



#38

1-Methylnaphthalene

Concen: 46.307 ng

RT: 9.154 min Scan# 1074

Delta R.T. 0.000 min

Lab File: BF132348.D

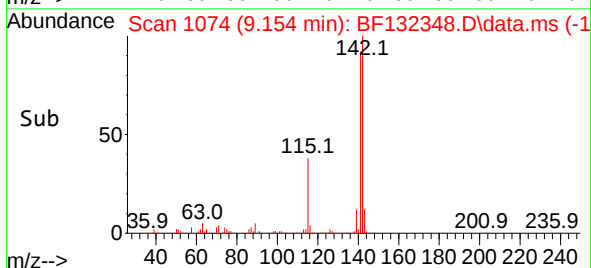
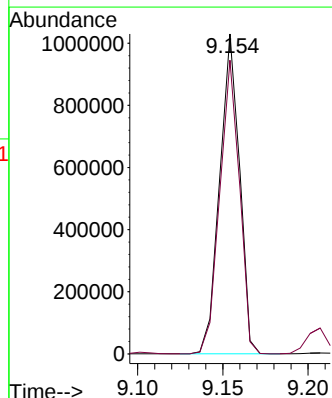
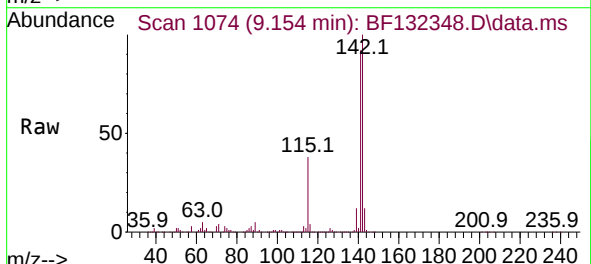
Acq: 07 Feb 2023 17:05

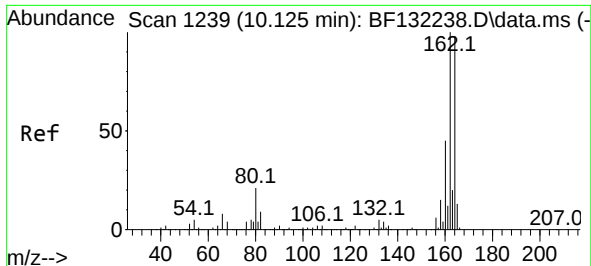
Tgt Ion:142 Resp: 830413

Ion Ratio Lower Upper

142 100

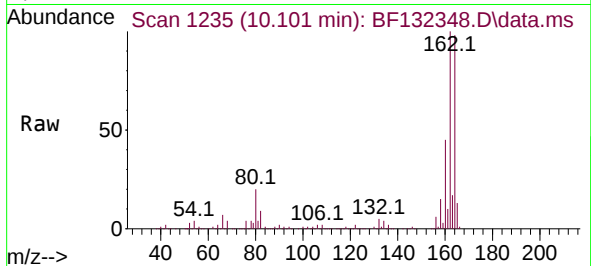
141 91.8 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

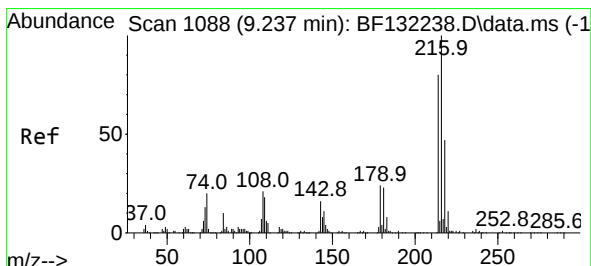
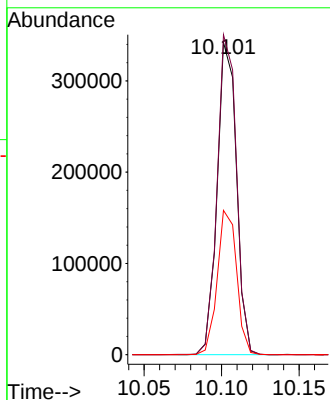
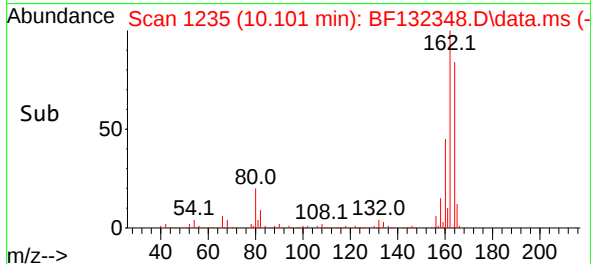
Instrument :
BNA_F
ClientSampleId :
A-2MSD



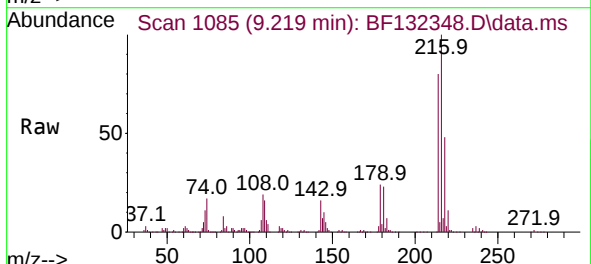
Tgt Ion:164 Resp: 296997
Ion Ratio Lower Upper
164 100
162 102.5 82.0 123.0
160 46.2 37.1 55.7

Manual Integrations
APPROVED

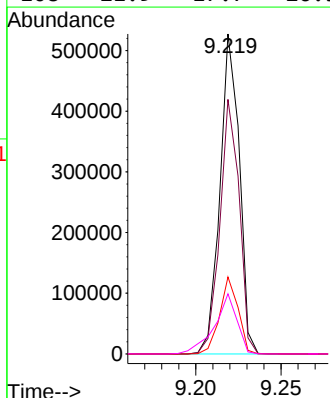
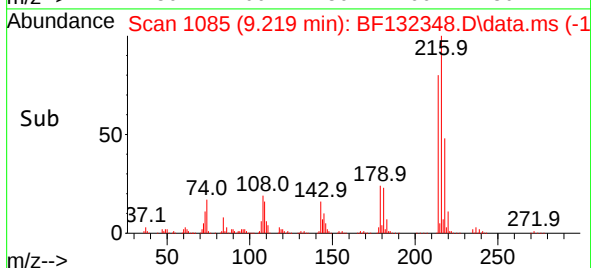
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

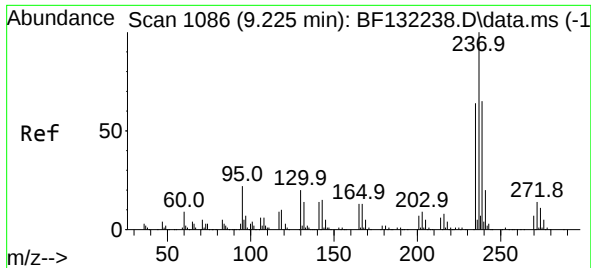


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.661 ng
RT: 9.219 min Scan# 1085
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05



Tgt Ion:216 Resp: 415058
Ion Ratio Lower Upper
216 100
214 79.1 63.6 95.4
179 22.9 18.3 27.5
108 21.9 17.7 26.5





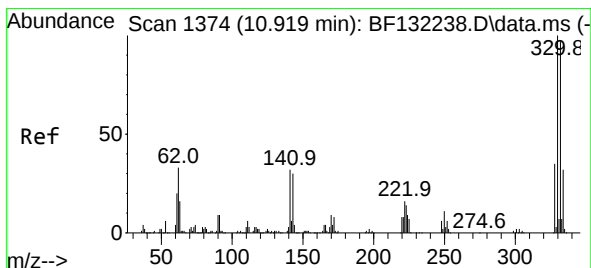
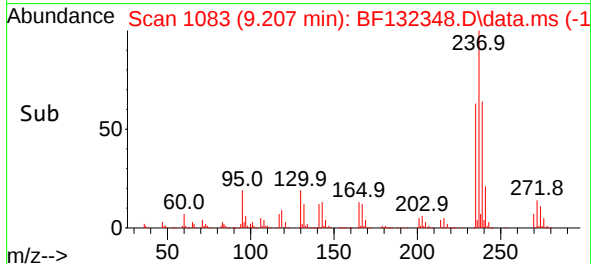
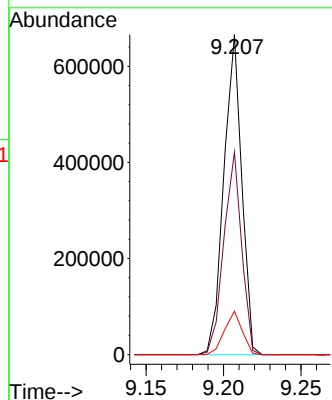
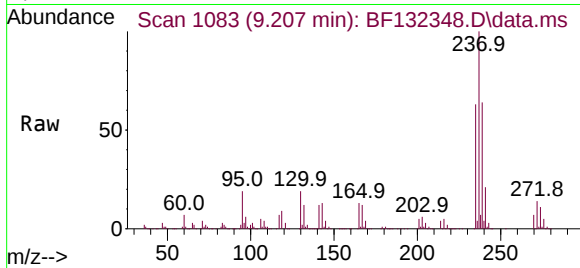
#41
Hexachlorocyclopentadiene
Concen: 109.708 ng
RT: 9.207 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

Instrument :
BNA_F
ClientSampleId :
A-2MSD

Tgt Ion:237 Resp: 534963
Ion Ratio Lower Upper
237 100
235 63.3 43.5 83.5
272 13.6 0.0 33.6

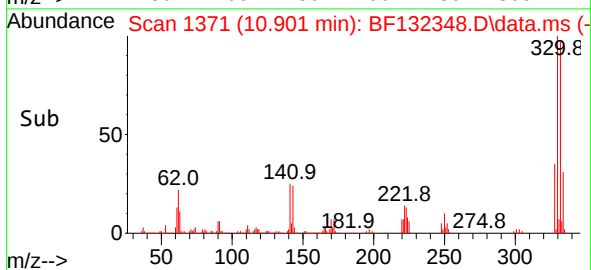
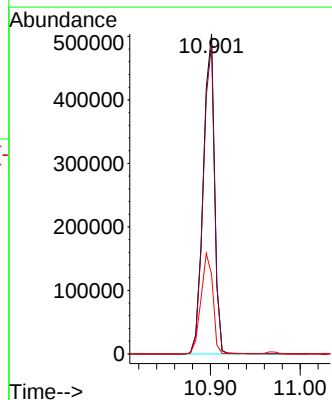
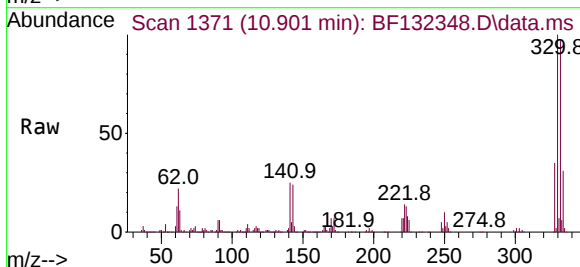
Manual Integrations
APPROVED

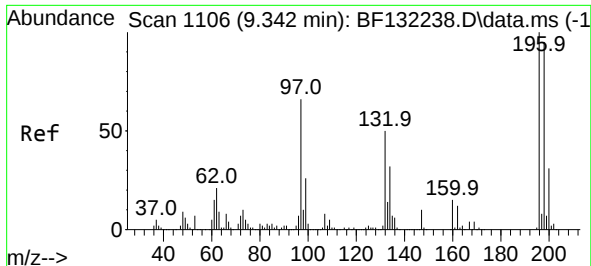
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#42
2,4,6-Tribromophenol
Concen: 143.546 ng
RT: 10.901 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

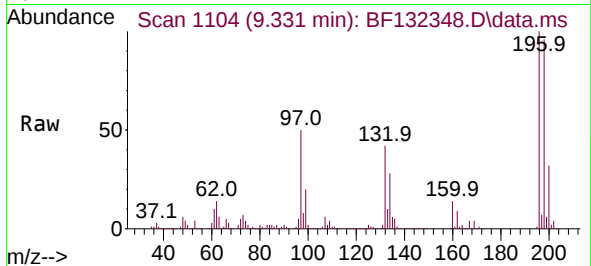
Tgt Ion:330 Resp: 438418
Ion Ratio Lower Upper
330 100
332 97.2 77.9 116.9
141 32.9 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 50.118 ng
RT: 9.331 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

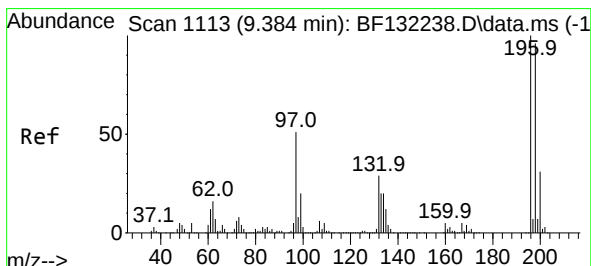
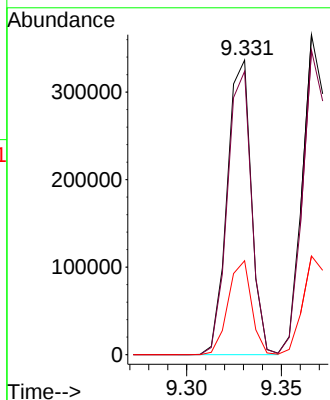
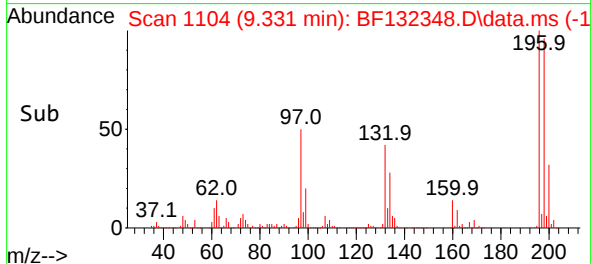
Instrument :
BNA_F
ClientSampleId :
A-2MSD



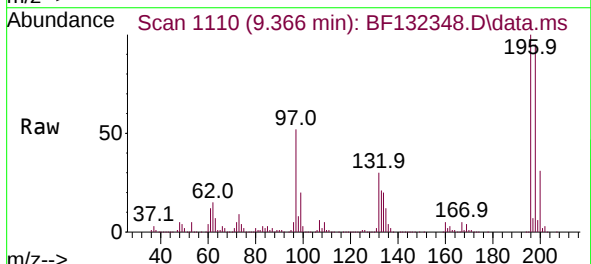
Tgt Ion:196 Resp: 299427
Ion Ratio Lower Upper
196 100
198 96.2 75.9 113.9
200 31.9 24.7 37.1

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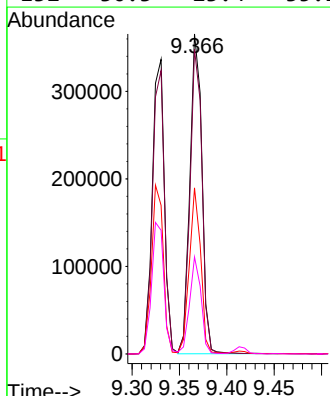
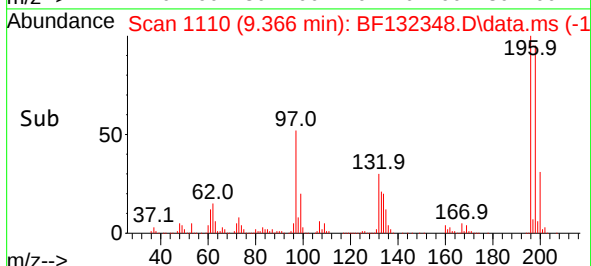
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

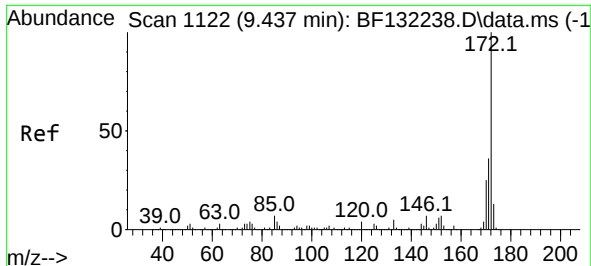


#44
2,4,5-Trichlorophenol
Concen: 46.959 ng
RT: 9.366 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05



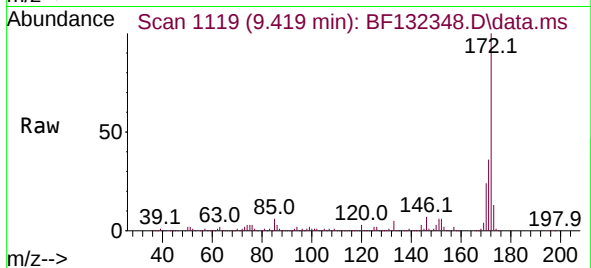
Tgt Ion:196 Resp: 322915
Ion Ratio Lower Upper
196 100
198 95.1 77.0 115.4
97 51.9 41.2 61.8
132 30.3 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 75.269 ng
RT: 9.419 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

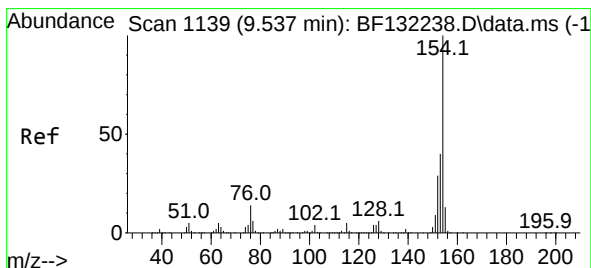
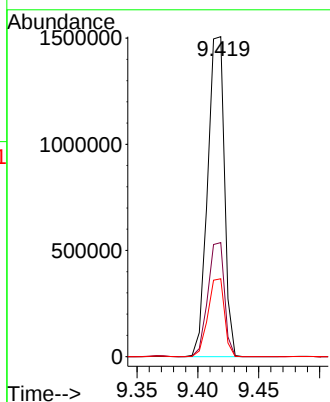
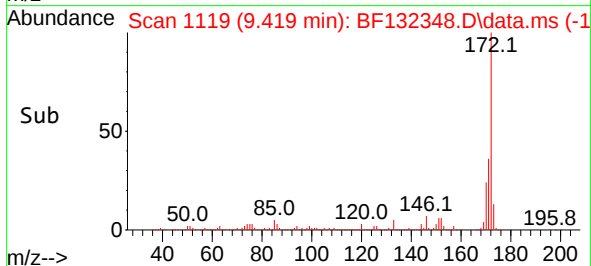
Instrument :
BNA_F
ClientSampleId :
A-2MSD



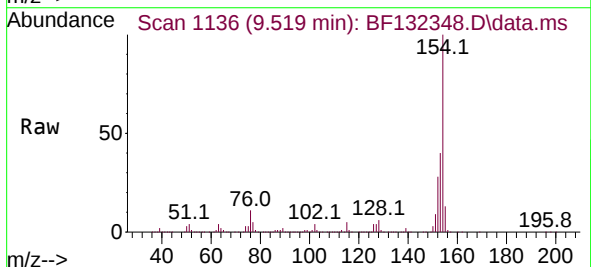
Tgt Ion:172 Resp: 1447614
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.3 19.7 29.5

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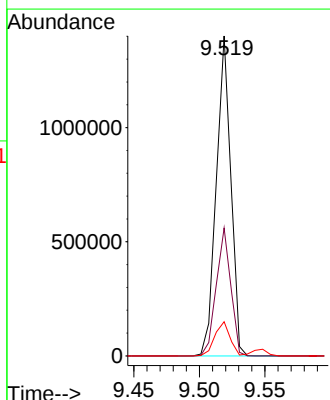
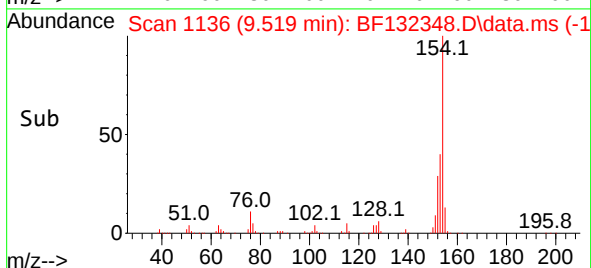
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

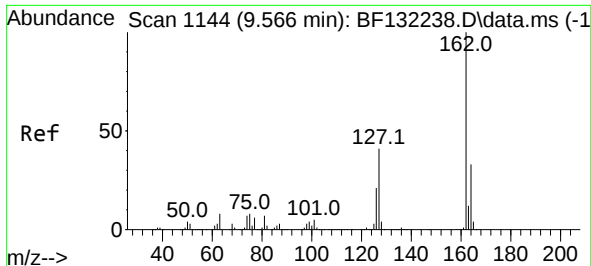


#46
1,1'-Biphenyl
Concen: 47.301 ng
RT: 9.519 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05



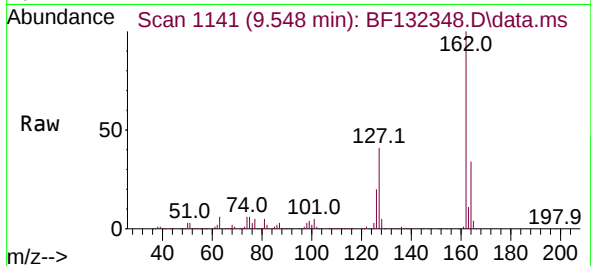
Tgt Ion:154 Resp: 1083034
Ion Ratio Lower Upper
154 100
153 40.0 19.9 59.9
76 10.7 0.0 34.0





#47
2-Chloronaphthalene
Concen: 48.468 ng
RT: 9.548 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

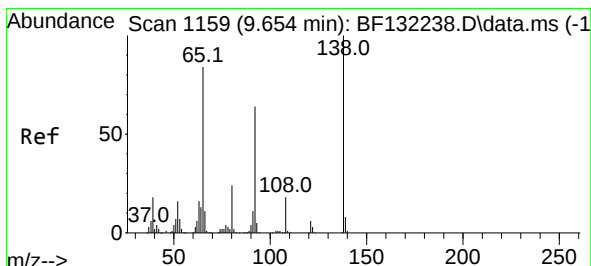
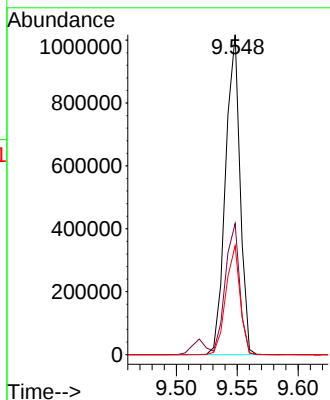
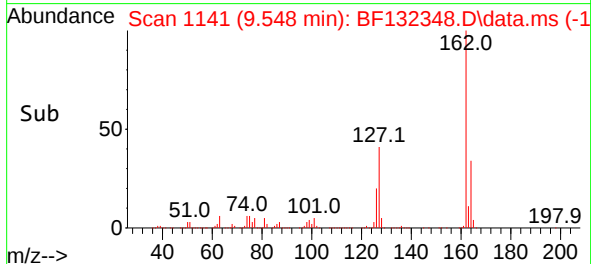
Instrument :
BNA_F
ClientSampleId :
A-2MSD



Tgt Ion:162 Resp: 845245
Ion Ratio Lower Upper
162 100
127 41.0 33.3 49.9
164 34.0 26.8 40.2

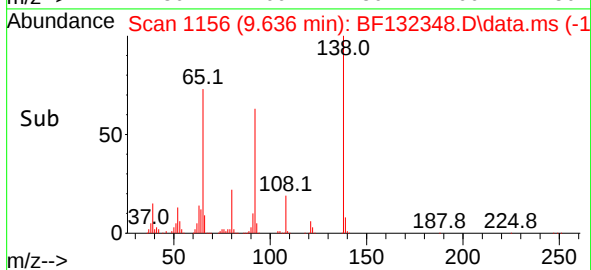
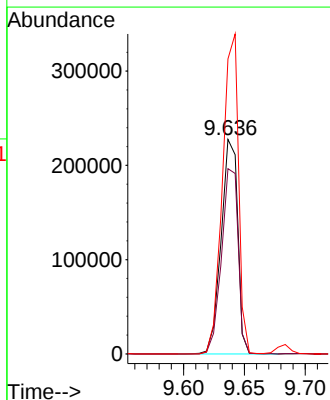
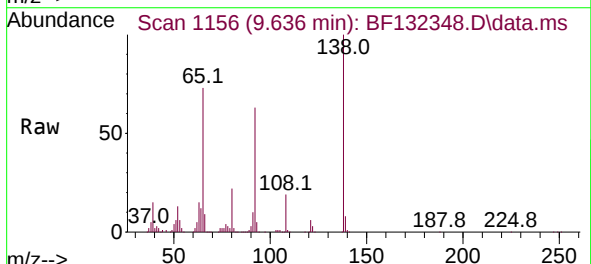
Manual Integrations
APPROVED

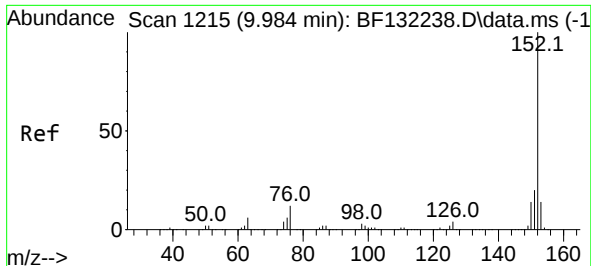
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#48
2-Nitroaniline
Concen: 41.480 ng
RT: 9.636 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

Tgt Ion: 65 Resp: 215137
Ion Ratio Lower Upper
65 100
92 86.3 61.0 91.4
138 137.5 95.0 142.4





#49

Acenaphthylene

Concen: 46.890 ng

RT: 9.966 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF132348.D

Acq: 07 Feb 2023 17:05

Instrument :

BNA_F

ClientSampleId :

A-2MSD

Tgt Ion:152 Resp: 1334582

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

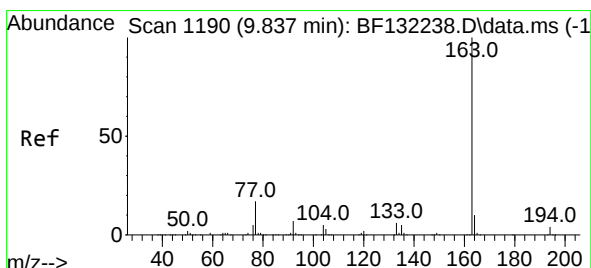
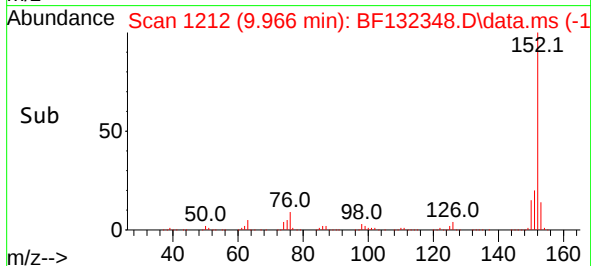
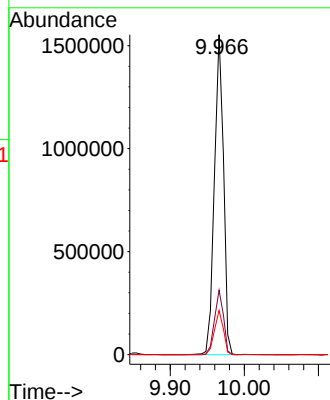
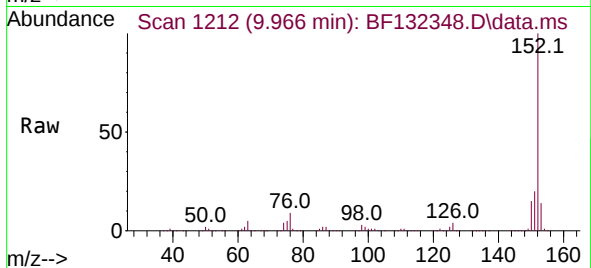
153 13.8 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/08/2023

Supervised By :Jagrut Upadhyay 02/08/2023



#50

Dimethylphthalate

Concen: 47.886 ng

RT: 9.813 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF132348.D

Acq: 07 Feb 2023 17:05

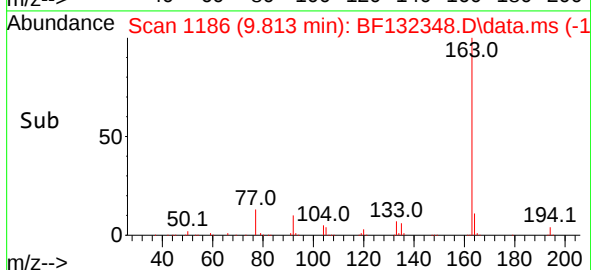
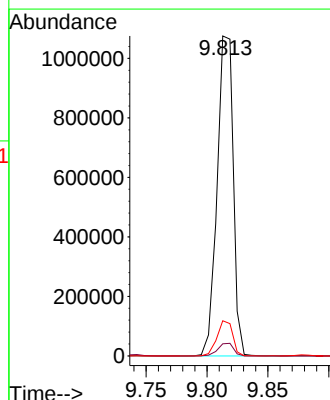
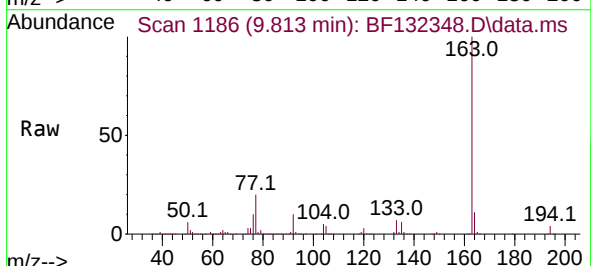
Tgt Ion:163 Resp: 994830

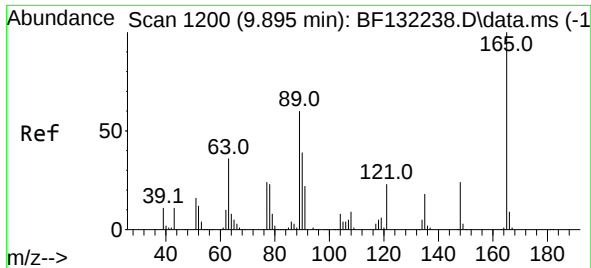
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 11.0 7.9 11.9





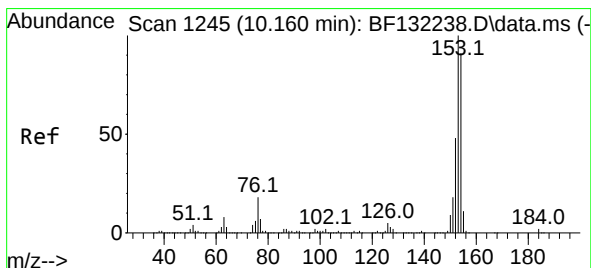
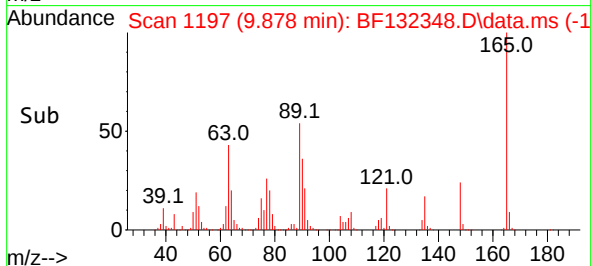
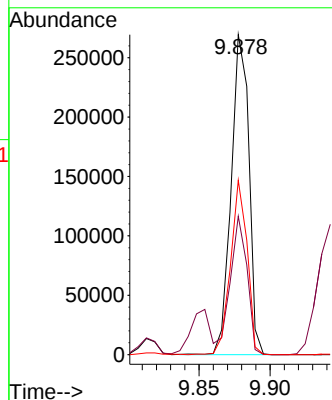
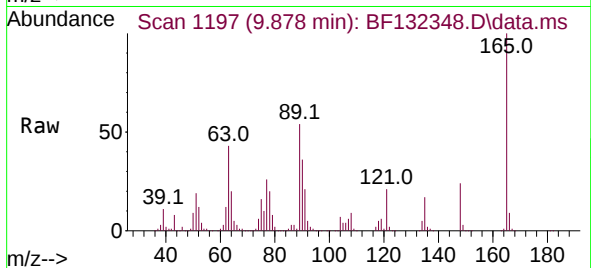
#51
2,6-Dinitrotoluene
Concen: 50.197 ng
RT: 9.878 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

Instrument :
BNA_F
ClientSampleId :
A-2MSD

Tgt Ion:165 Resp: 232905
Ion Ratio Lower Upper
165 100
63 43.3 41.5 62.3
89 54.5 48.1 72.1

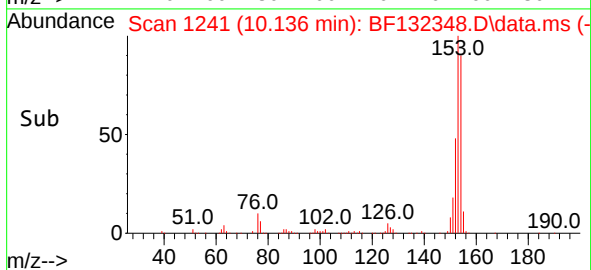
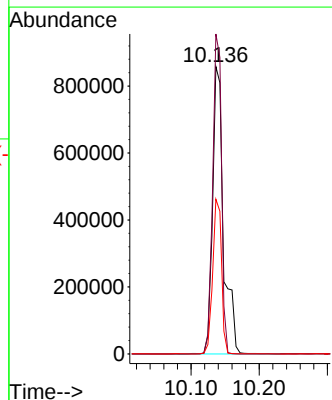
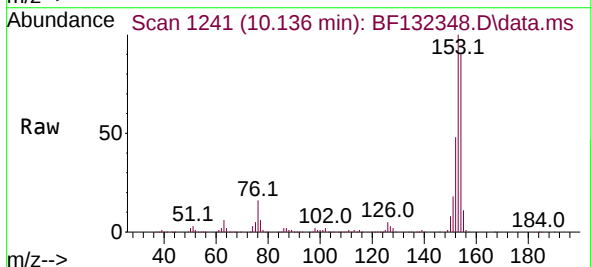
Manual Integrations
APPROVED

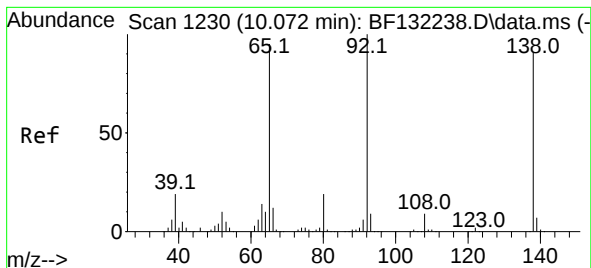
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#52
Acenaphthene
Concen: 53.750 ng
RT: 10.136 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

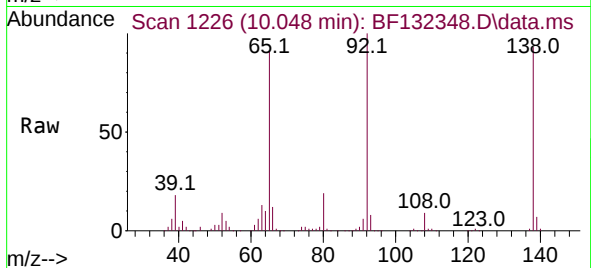
Tgt Ion:154 Resp: 957765
Ion Ratio Lower Upper
154 100
153 111.4 88.3 132.5
152 53.8 42.7 64.1





#53
3-Nitroaniline
Concen: 27.261 ng
RT: 10.048 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

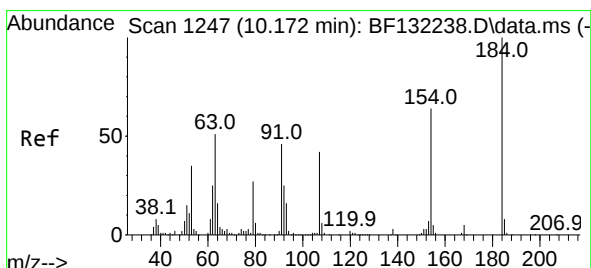
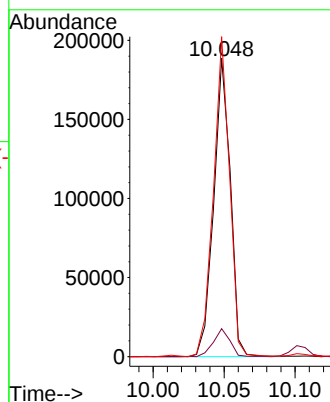
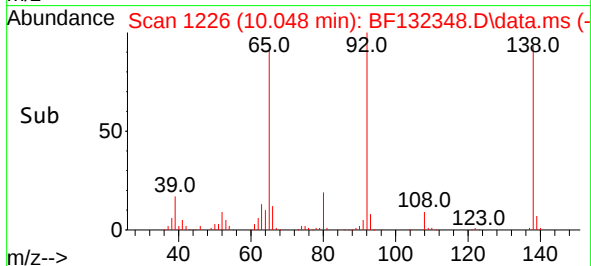
Instrument :
BNA_F
ClientSampleId :
A-2MSD



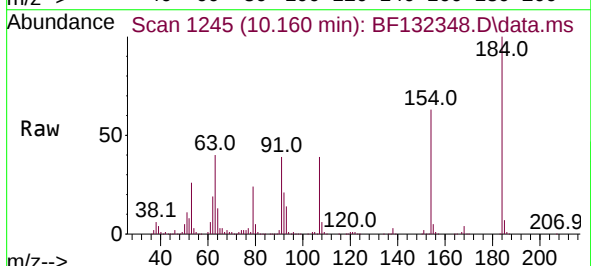
Tgt Ion:138 Resp: 153393
Ion Ratio Lower Upper
138 100
108 9.3 7.6 11.4
92 107.3 88.3 132.5

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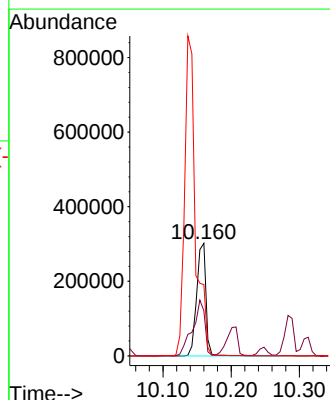
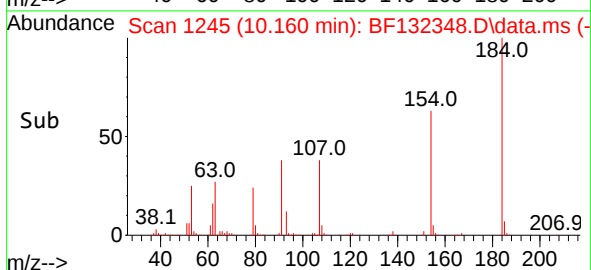
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

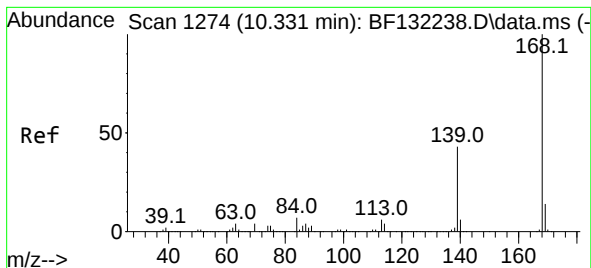


#54
2,4-Dinitrophenol
Concen: 104.969 ng
RT: 10.160 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05



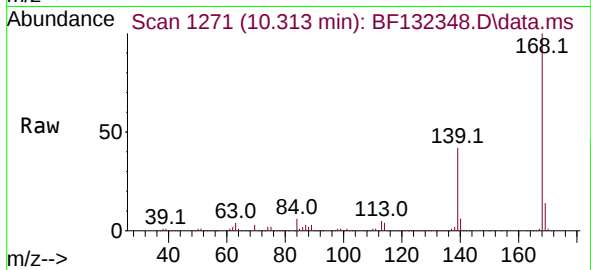
Tgt Ion:184 Resp: 286162
Ion Ratio Lower Upper
184 100
63 40.1 41.6 62.4#
154 63.4 57.0 85.6





#55
Dibenzofuran
Concen: 46.621 ng
RT: 10.313 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

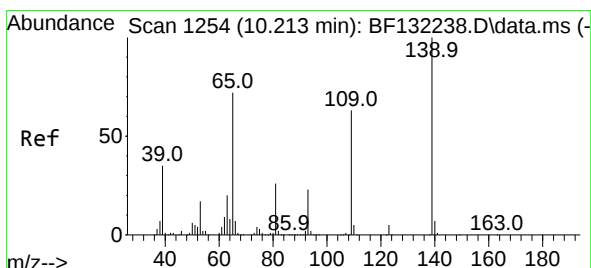
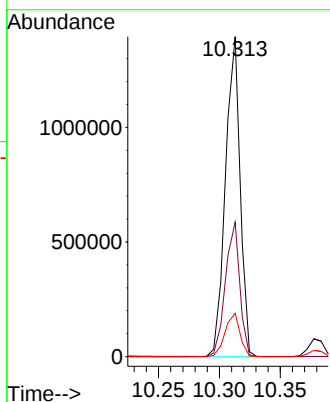
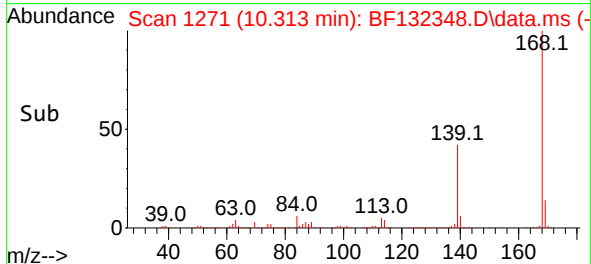
Instrument :
BNA_F
ClientSampleId :
A-2MSD



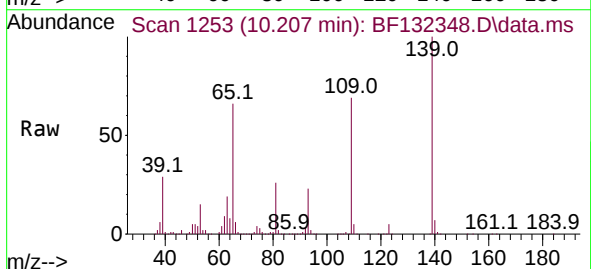
Tgt Ion:168 Resp: 1167213
Ion Ratio Lower Upper
168 100
139 42.0 34.2 51.4
169 13.5 11.2 16.8

Manual Integrations
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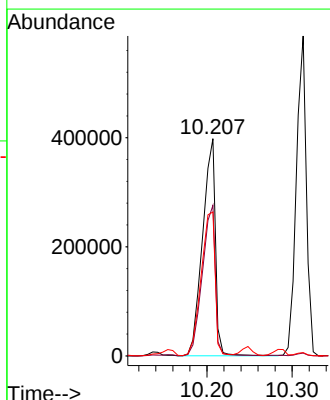
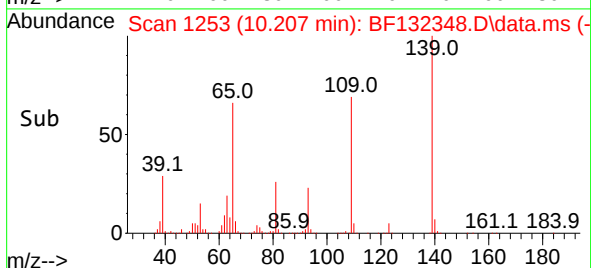
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

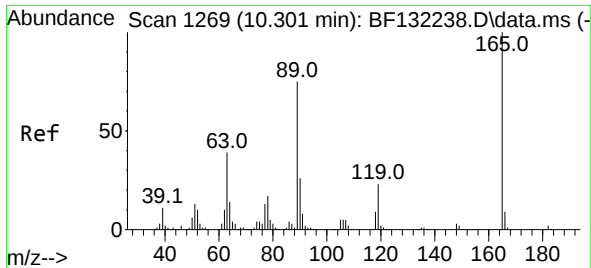


#56
4-Nitrophenol
Concen: 98.652 ng
RT: 10.207 min Scan# 1253
Delta R.T. 0.012 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05



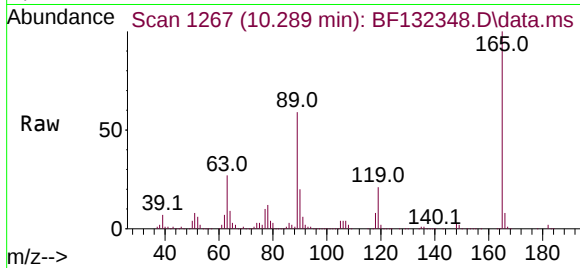
Tgt Ion:139 Resp: 417711
Ion Ratio Lower Upper
139 100
109 69.3 43.3 83.3
65 66.2 52.3 92.3





#57
2,4-Dinitrotoluene
Concen: 52.430 ng
RT: 10.289 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

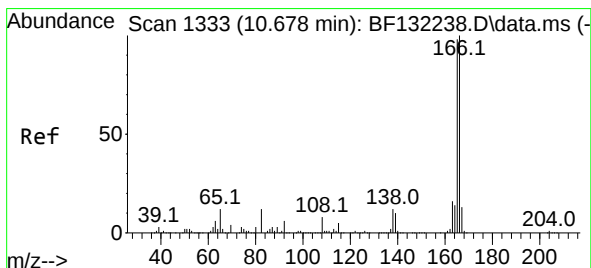
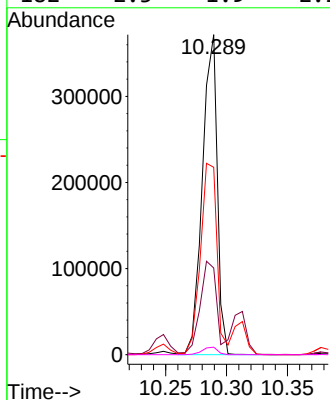
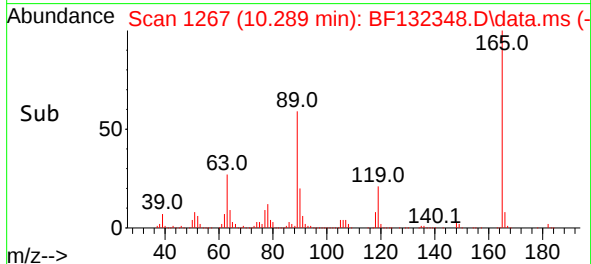
Instrument :
BNA_F
ClientSampleId :
A-2MSD



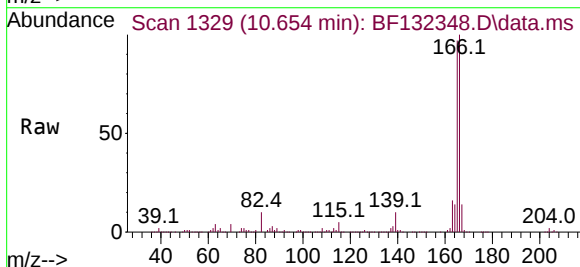
Tgt Ion:165 Resp: 316004
Ion Ratio Lower Upper
165 100
63 27.1 30.9 46.3
89 58.5 60.1 90.1
182 2.3 1.9 2.9

Manual Integrations
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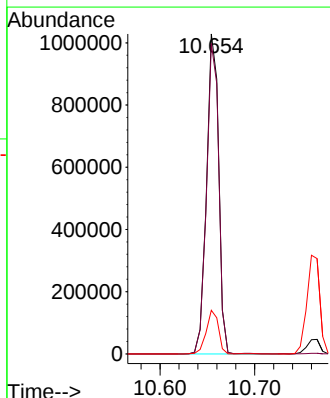
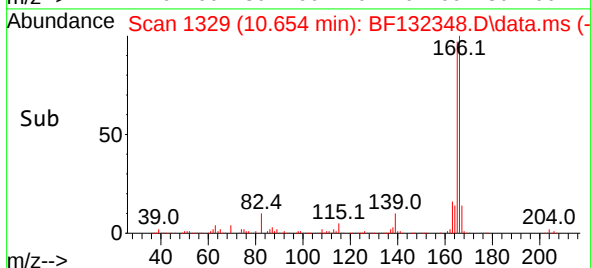
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

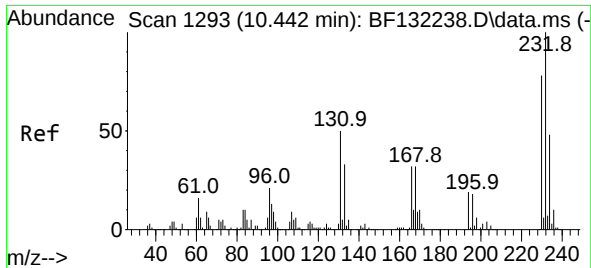


#58
Fluorene
Concen: 47.578 ng
RT: 10.654 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05



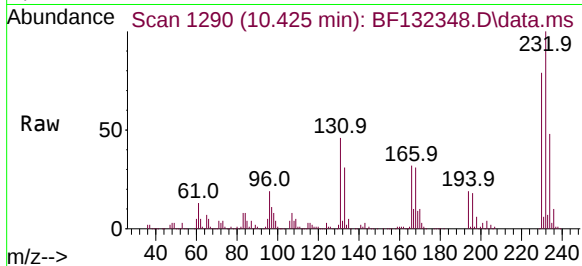
Tgt Ion:166 Resp: 916735
Ion Ratio Lower Upper
166 100
165 97.0 78.0 117.0
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.831 ng
RT: 10.425 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

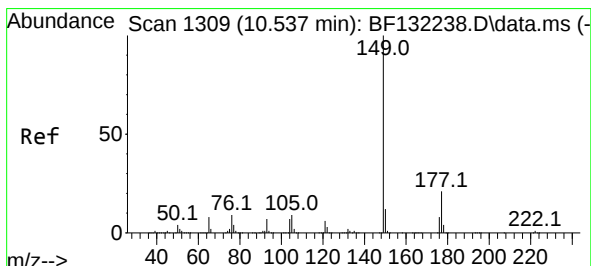
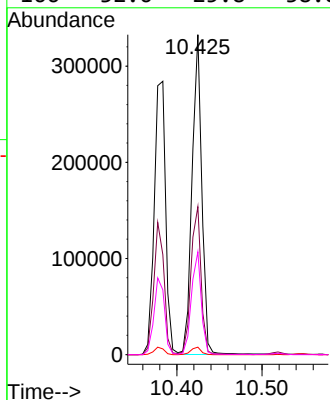
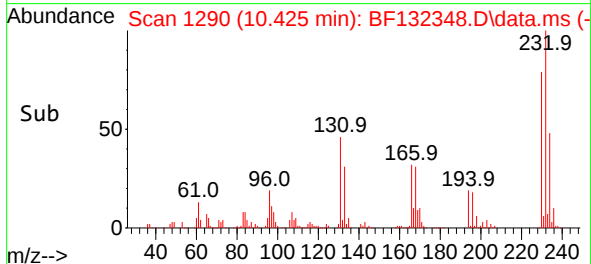
Instrument :
BNA_F
ClientSampleId :
A-2MSD



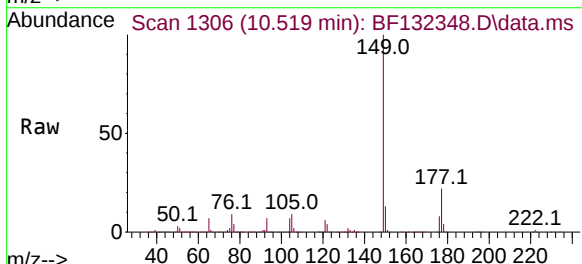
Tgt Ion:232 Resp: 264848
Ion Ratio Lower Upper
232 100
131 47.6 40.6 61.0
130 2.4 1.9 2.9
166 32.6 25.8 38.8

Manual Integrations
APPROVED

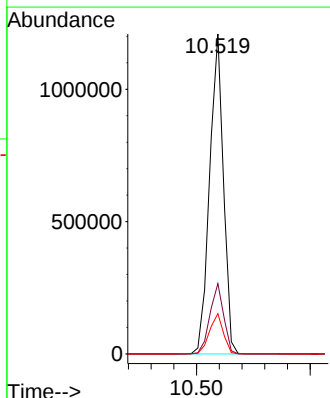
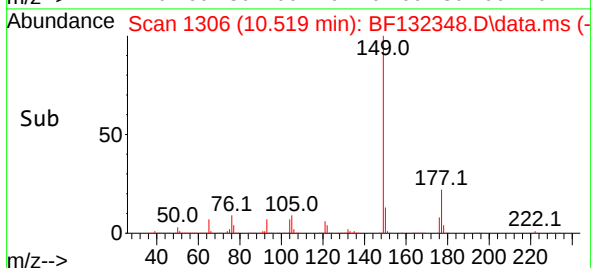
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

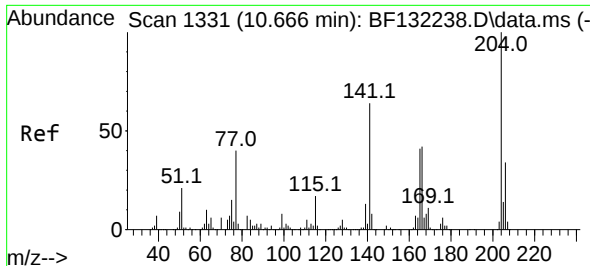


#60
Diethylphthalate
Concen: 49.441 ng
RT: 10.519 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05



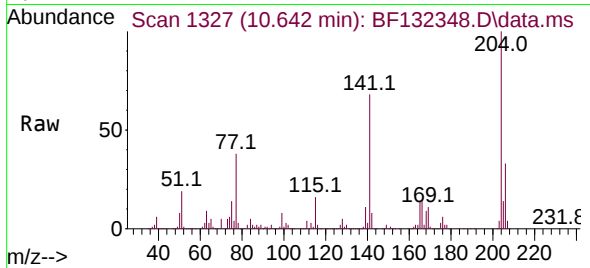
Tgt Ion:149 Resp: 1021820
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 12.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 48.801 ng
RT: 10.642 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

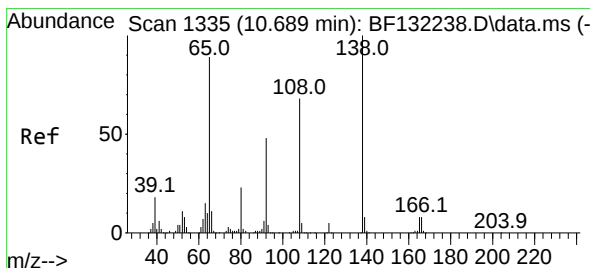
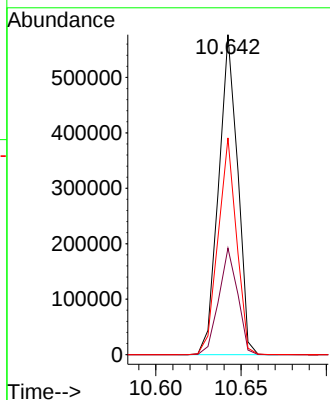
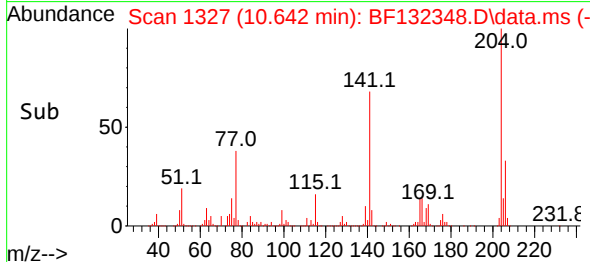
Instrument :
BNA_F
ClientSampleId :
A-2MSD



Tgt Ion:204 Resp: 446248
Ion Ratio Lower Upper
204 100
206 33.3 26.8 40.2
141 67.7 51.4 77.0

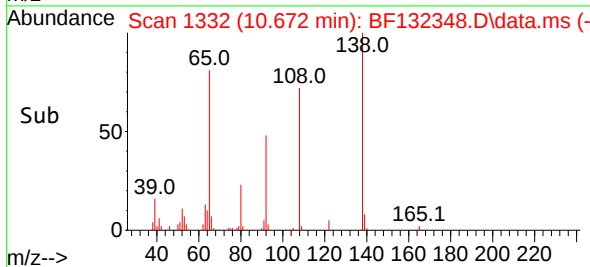
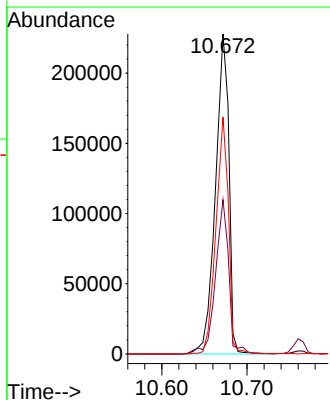
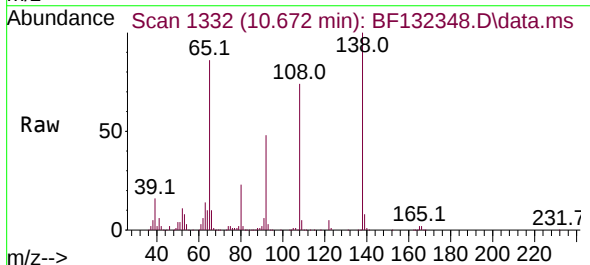
Manual Integrations
APPROVED

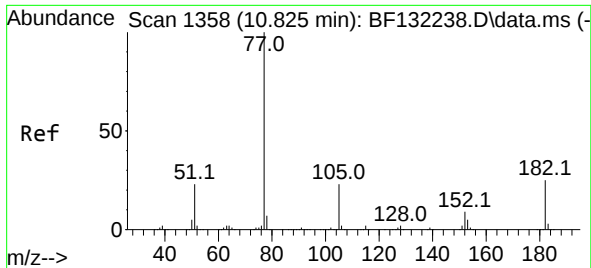
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#62
4-Nitroaniline
Concen: 46.145 ng
RT: 10.672 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

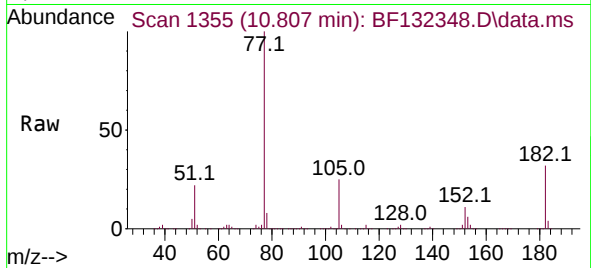
Tgt Ion:138 Resp: 248987
Ion Ratio Lower Upper
138 100
92 48.2 27.7 67.7
108 74.0 48.5 88.5





#63
Azobenzene
Concen: 44.067 ng
RT: 10.807 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

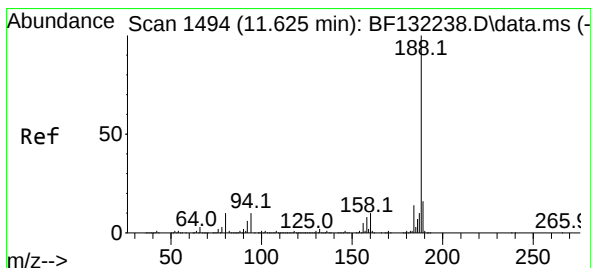
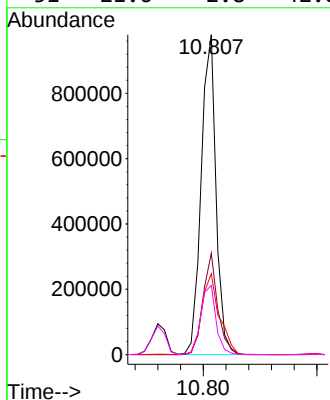
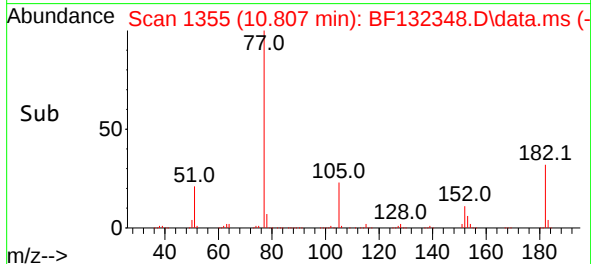
Instrument :
BNA_F
ClientSampleId :
A-2MSD



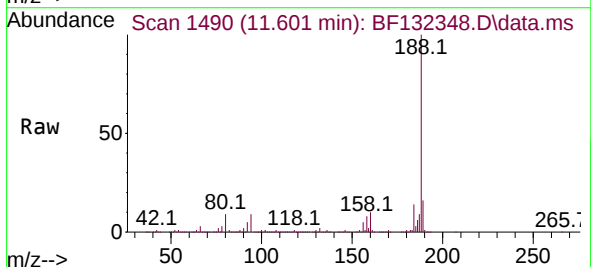
Tgt Ion: 77 Resp: 887125
Ion Ratio Lower Upper
77 100
182 31.7 4.5 44.5
105 25.3 2.7 42.7
51 21.6 2.8 42.8

Manual Integrations
APPROVED

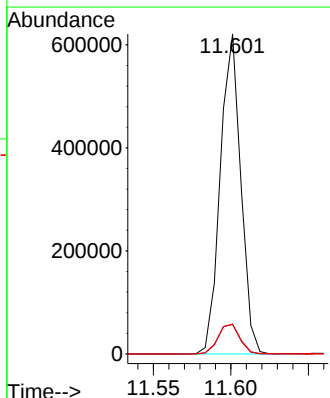
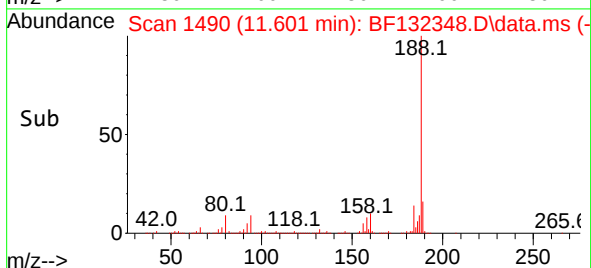
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

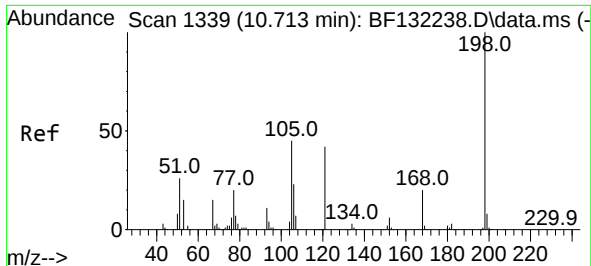


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.601 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05



Tgt Ion:188 Resp: 570928
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 9.3 8.3 12.5





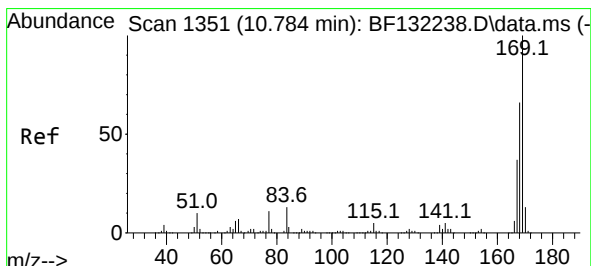
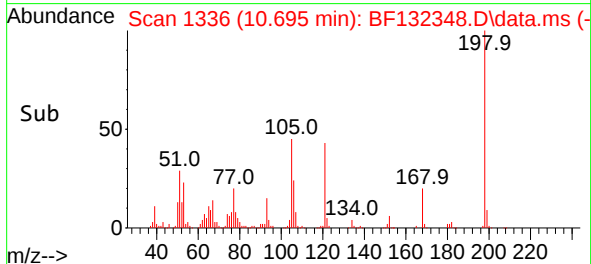
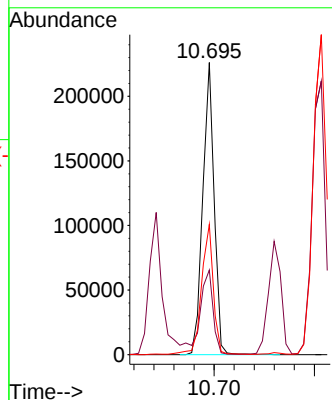
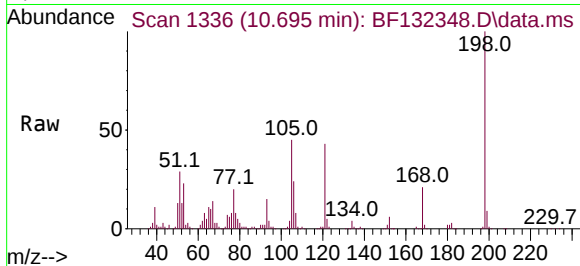
#65
4,6-Dinitro-2-methylphenol
Concen: 54.703 ng
RT: 10.695 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

Instrument :
BNA_F
ClientSampleId :
A-2MSD

Tgt Ion:198 Resp: 177258
Ion Ratio Lower Upper
198 100
51 28.9 13.1 53.1
105 44.6 26.0 66.0

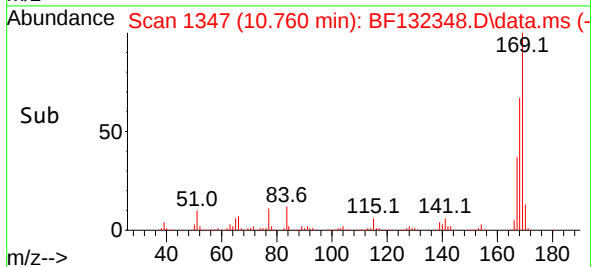
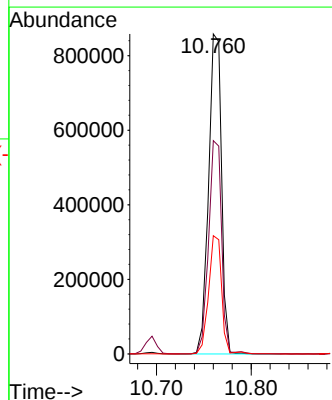
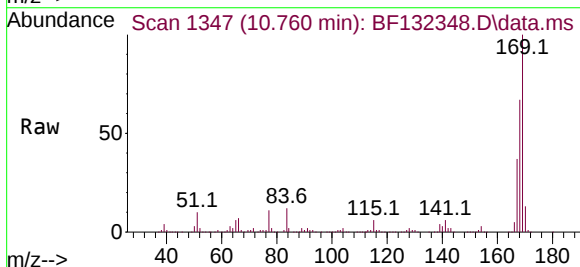
Manual Integrations
APPROVED

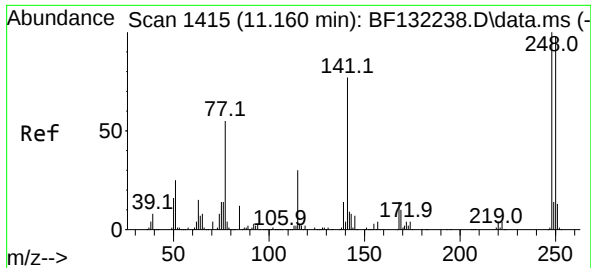
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#66
n-Nitrosodiphenylamine
Concen: 45.749 ng
RT: 10.760 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

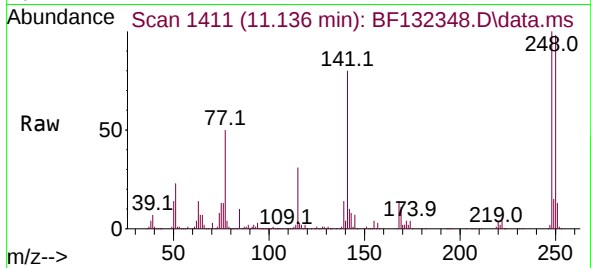
Tgt Ion:169 Resp: 817878
Ion Ratio Lower Upper
169 100
168 66.6 52.6 79.0
167 36.9 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 49.483 ng
RT: 11.136 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

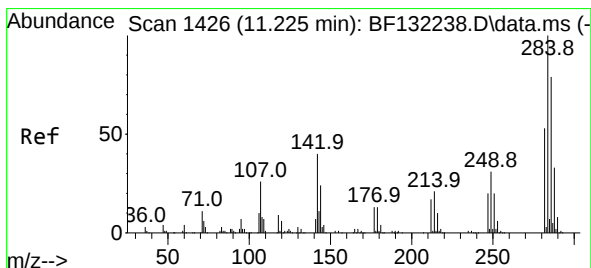
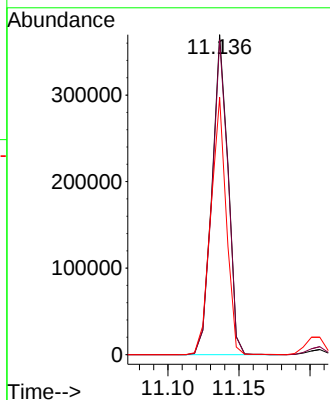
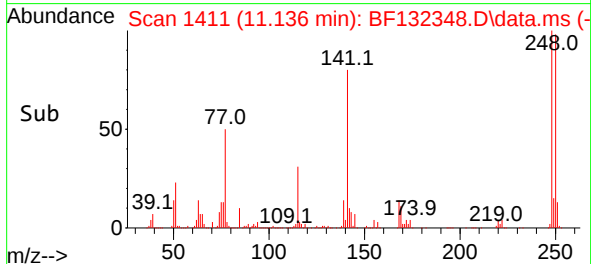
Instrument :
BNA_F
ClientSampleId :
A-2MSD



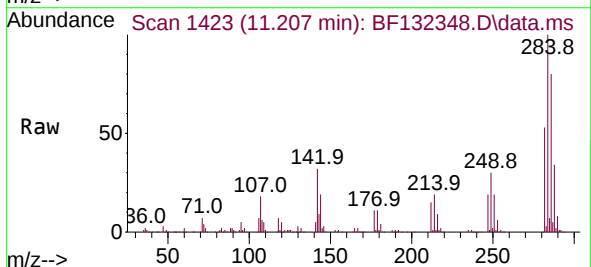
Tgt Ion:248 Resp: 289289
Ion Ratio Lower Upper
248 100
250 98.4 78.6 117.8
141 80.4 61.6 92.4

Manual Integrations
APPROVED

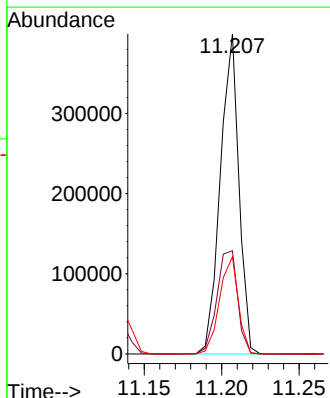
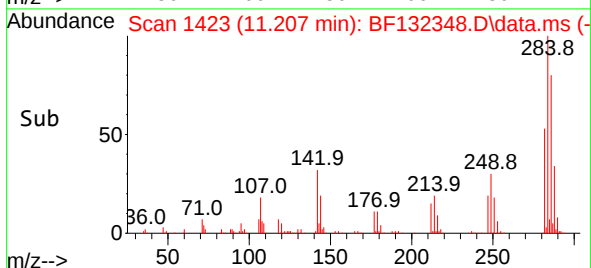
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

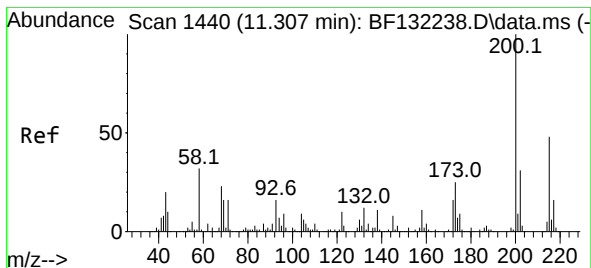


#68
Hexachlorobenzene
Concen: 53.206 ng
RT: 11.207 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05



Tgt Ion:284 Resp: 332470
Ion Ratio Lower Upper
284 100
142 32.2 32.2 48.4#
249 30.3 25.0 37.6





#69

Atrazine

Concen: 55.939 ng

RT: 11.289 min Scan# 1437

Delta R.T. 0.000 min

Lab File: BF132348.D

Acq: 07 Feb 2023 17:05

Instrument :

BNA_F

ClientSampleId :

A-2MSD

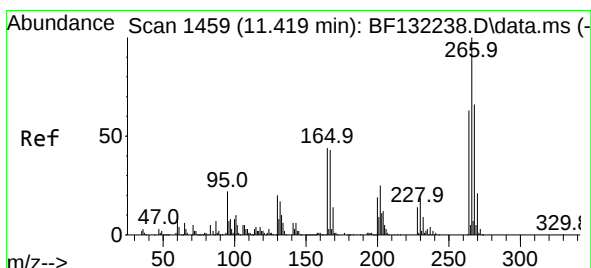
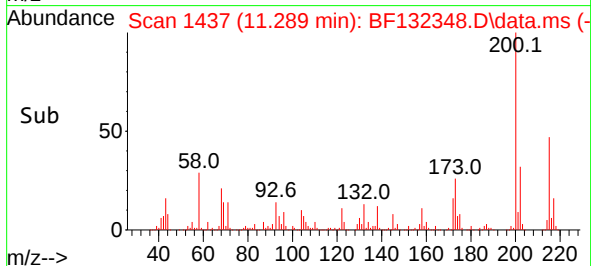
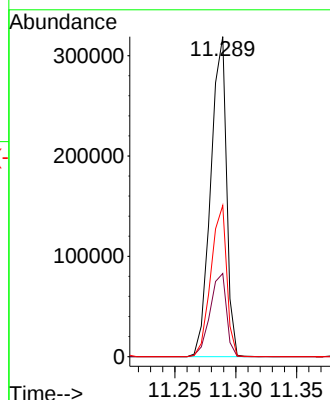
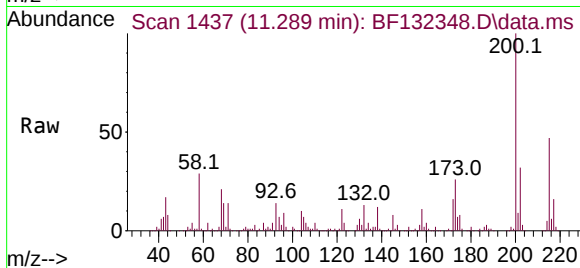
Tgt Ion:200 Resp: 287654

Ion	Ratio	Lower	Upper
200	100		
173	26.0	5.1	45.1
215	47.3	27.6	67.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#70

Pentachlorophenol

Concen: 87.656 ng

RT: 11.401 min Scan# 1456

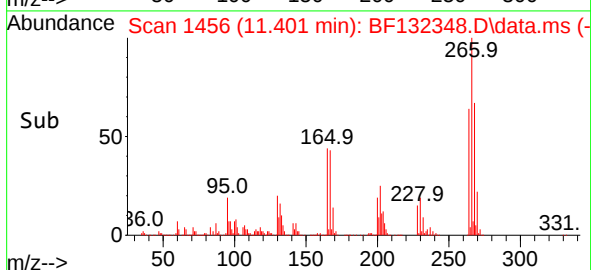
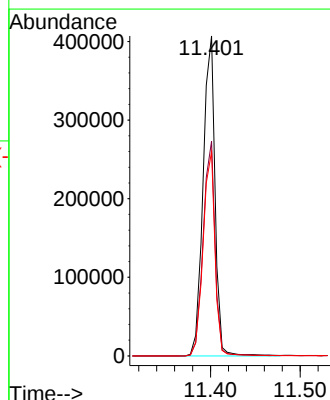
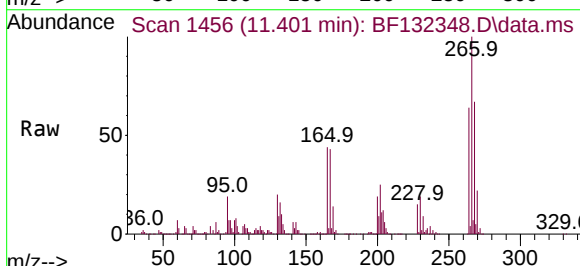
Delta R.T. 0.000 min

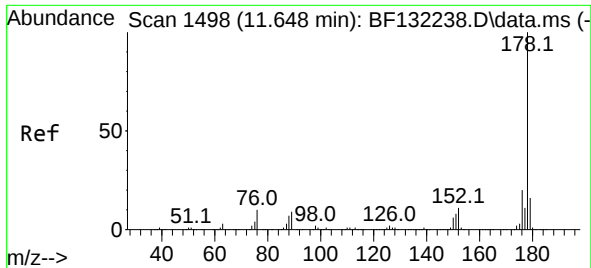
Lab File: BF132348.D

Acq: 07 Feb 2023 17:05

Tgt Ion:266 Resp: 376345

Ion	Ratio	Lower	Upper
266	100		
268	67.1	53.0	79.4
264	63.8	50.5	75.7





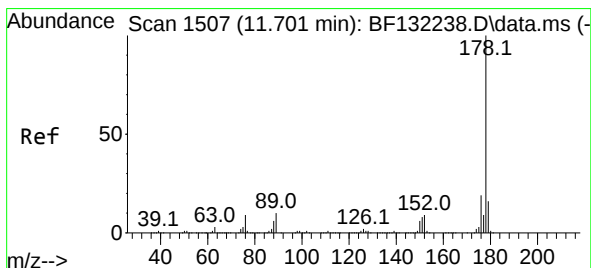
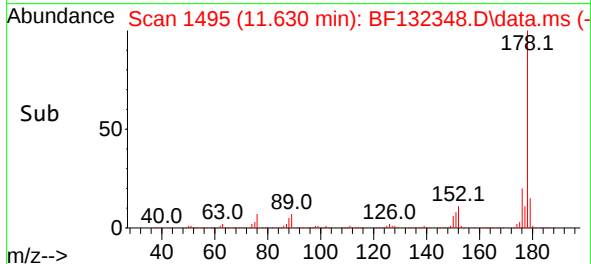
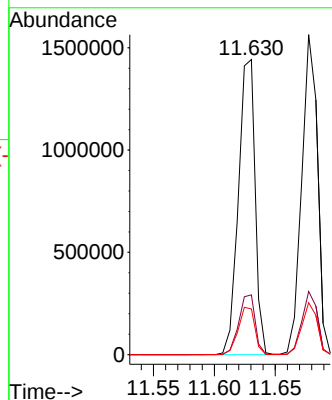
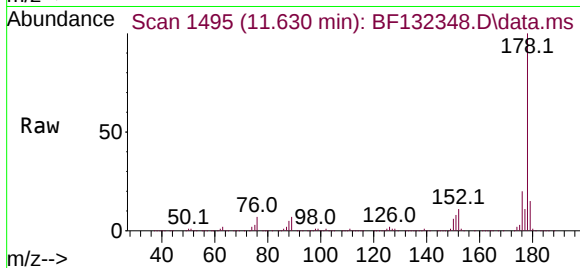
#71
Phenanthrene
Concen: 46.324 ng
RT: 11.630 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

Instrument :
BNA_F
ClientSampleId :
A-2MSD

Tgt Ion:178 Resp: 1382036
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 15.5 12.8 19.2

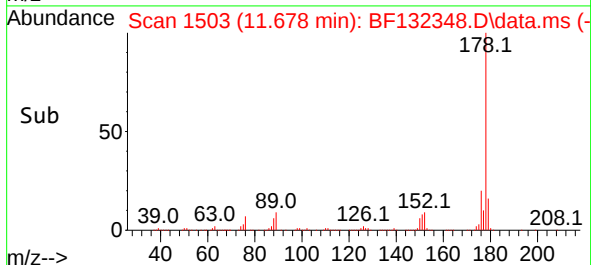
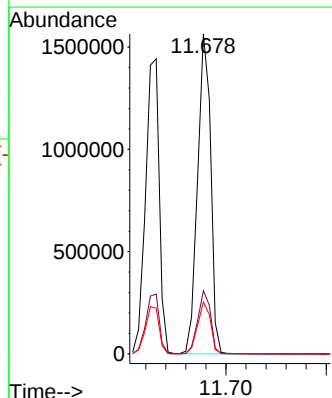
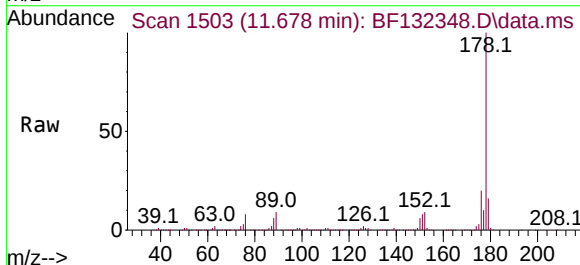
Manual Integrations
APPROVED

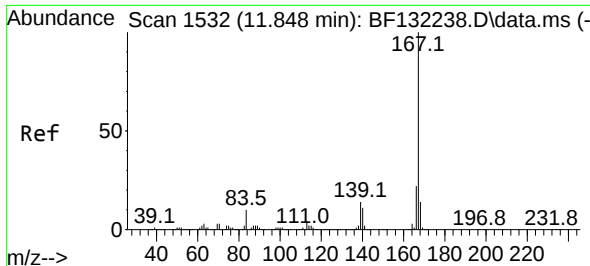
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#72
Anthracene
Concen: 46.643 ng
RT: 11.678 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

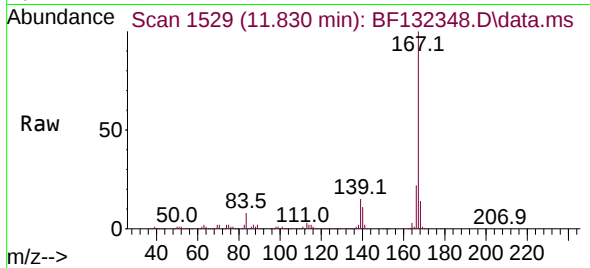
Tgt Ion:178 Resp: 1416164
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.2 12.8 19.2





#73
 Carbazole
 Concen: 46.145 ng
 RT: 11.830 min Scan# 1529
 Delta R.T. 0.000 min
 Lab File: BF132348.D
 Acq: 07 Feb 2023 17:05

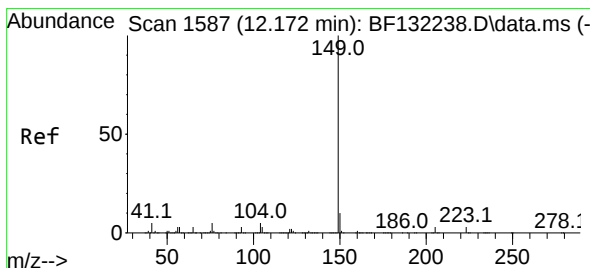
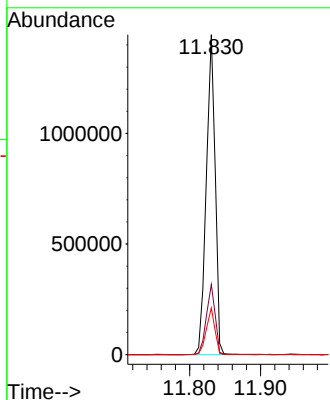
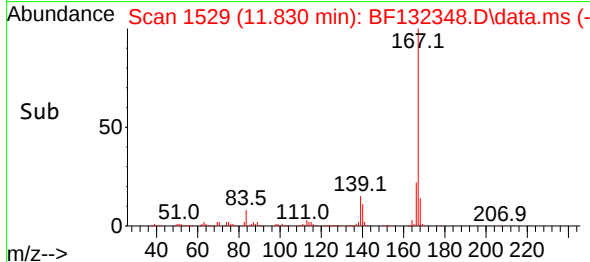
Instrument :
 BNA_F
 ClientSampleId :
 A-2MSD



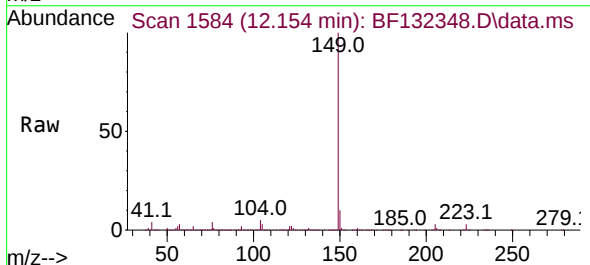
Tgt Ion:167 Resp: 1256255
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 14.6 11.4 17.2

Manual Integrations
 APPROVED

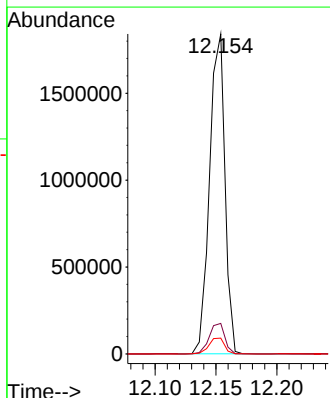
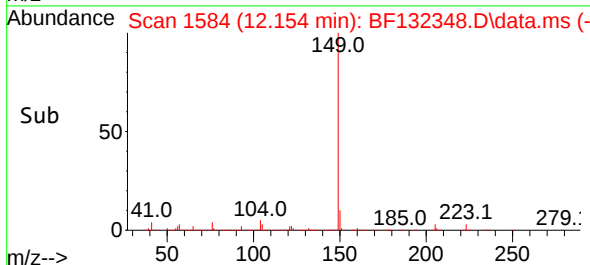
Reviewed By :Christian Giraldo 02/08/2023
 Supervised By :Jagrut Upadhyay 02/08/2023

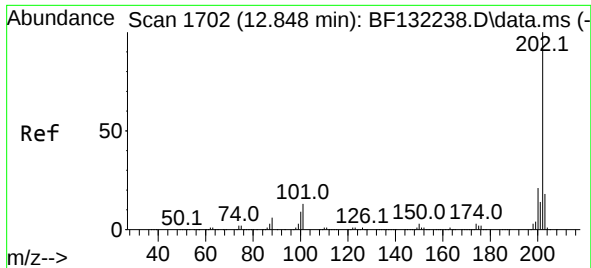


#74
 Di-n-butylphthalate
 Concen: 50.248 ng
 RT: 12.154 min Scan# 1584
 Delta R.T. 0.000 min
 Lab File: BF132348.D
 Acq: 07 Feb 2023 17:05



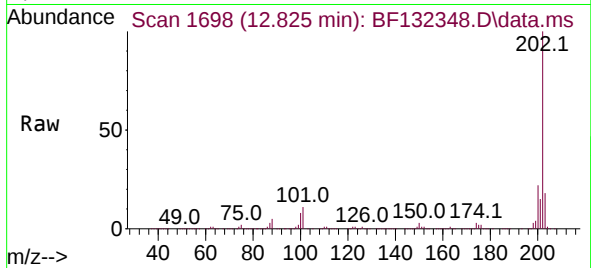
Tgt Ion:149 Resp: 1617224
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.8
 104 4.9 4.3 6.5





#75
Fluoranthene
Concen: 45.657 ng
RT: 12.825 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

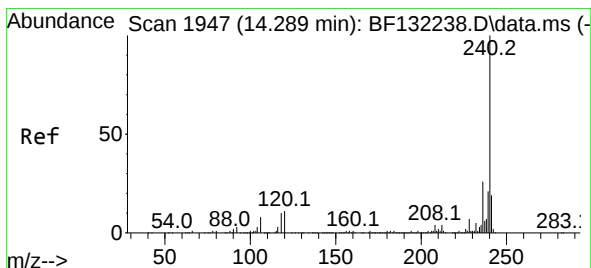
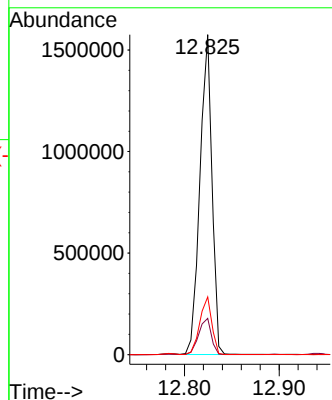
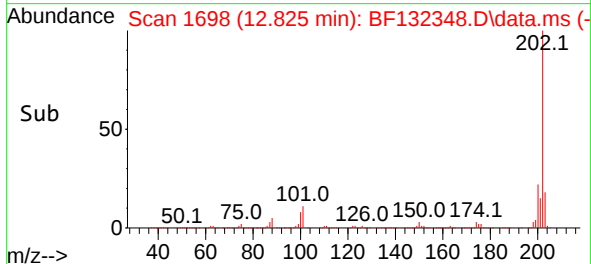
Instrument :
BNA_F
ClientSampleId :
A-2MSD



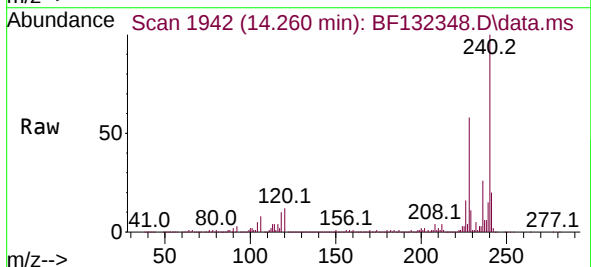
Tgt Ion:202 Resp: 1390041
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.7
203 18.0 0.0 37.9

Manual Integrations
APPROVED

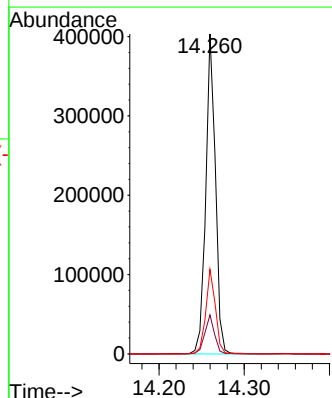
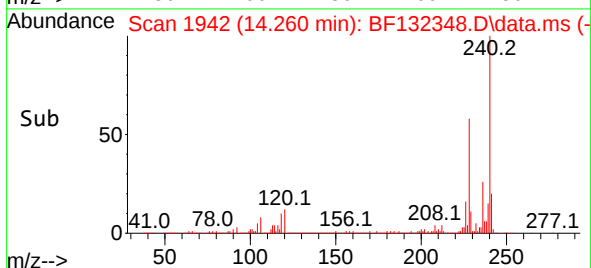
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

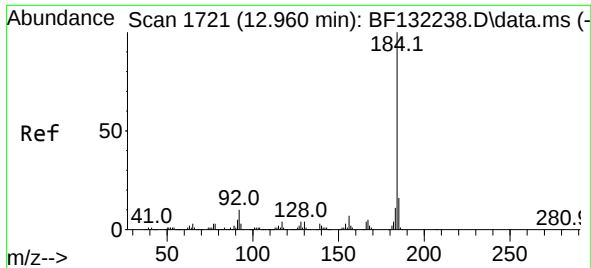


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05



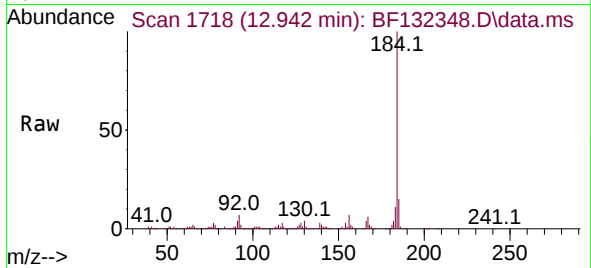
Tgt Ion:240 Resp: 318597
Ion Ratio Lower Upper
240 100
120 12.2 8.8 13.2
236 26.5 21.0 31.6





#77
Benzidine
Concen: 69.341 ng
RT: 12.942 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

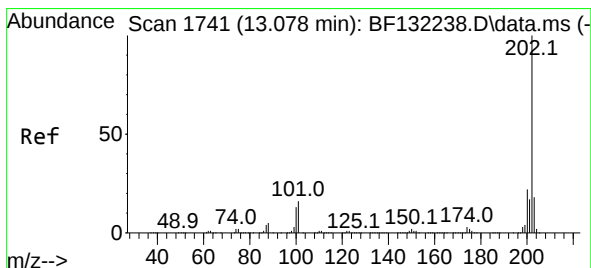
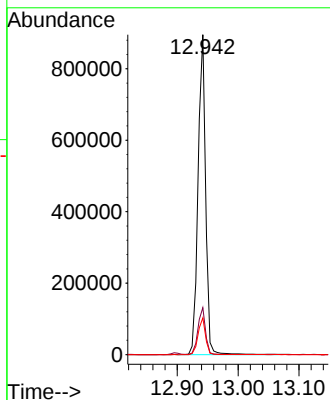
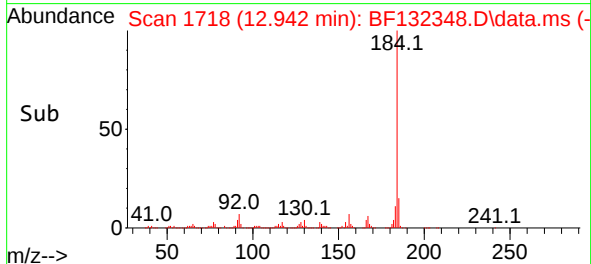
Instrument :
BNA_F
ClientSampleId :
A-2MSD



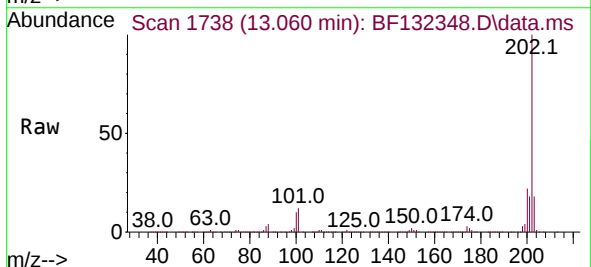
Tgt Ion:184 Resp: 772354
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 11.5 8.9 13.3

Manual Integrations
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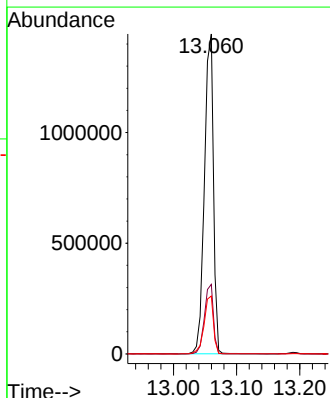
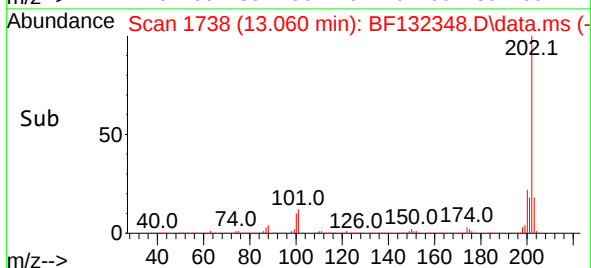
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

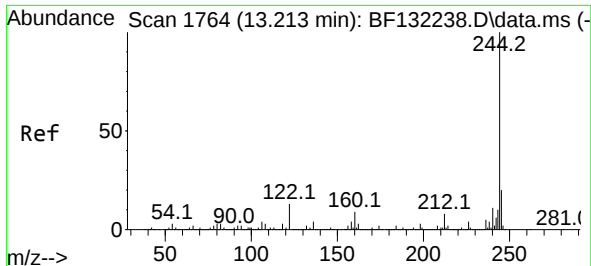


#78
Pyrene
Concen: 55.639 ng
RT: 13.060 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05



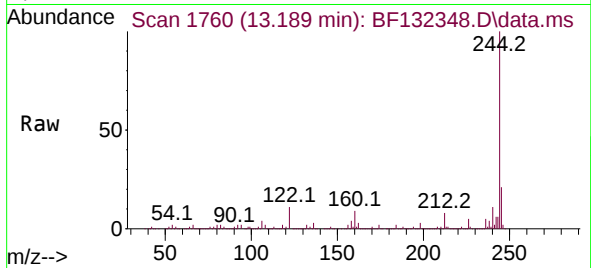
Tgt Ion:202 Resp: 1425745
Ion Ratio Lower Upper
202 100
200 21.7 17.3 25.9
203 18.1 14.4 21.6





#79
Terphenyl-d14
Concen: 100.393 ng
RT: 13.189 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

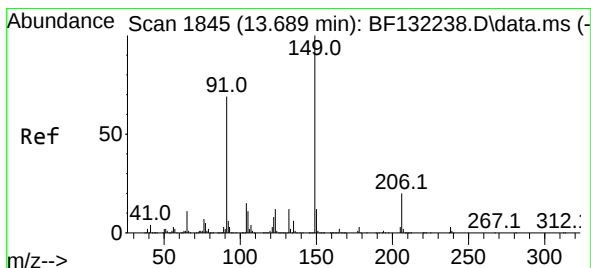
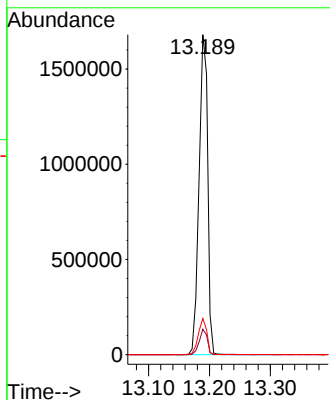
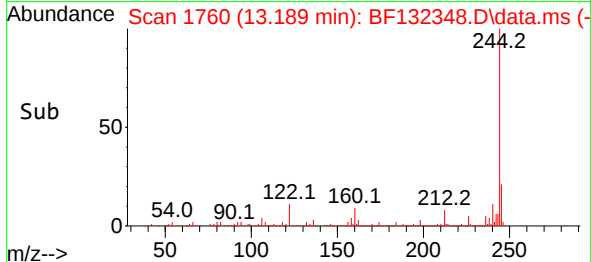
Instrument :
BNA_F
ClientSampleId :
A-2MSD



Tgt Ion:244 Resp: 1653474
Ion Ratio Lower Upper
244 100
212 7.9 6.4 9.6
122 11.3 10.5 15.7

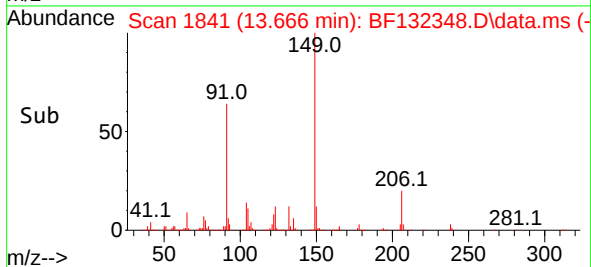
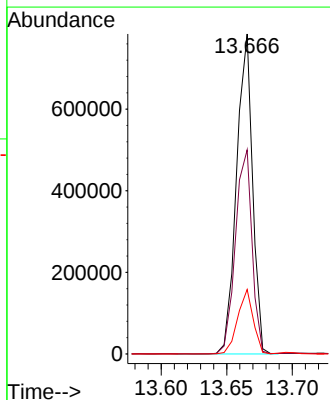
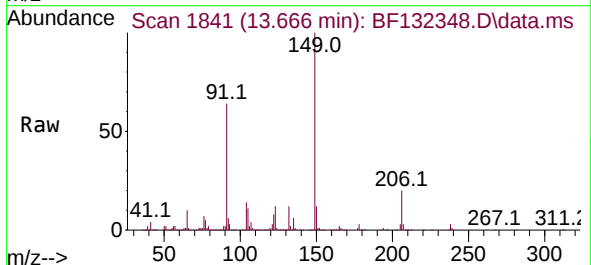
Manual Integrations
APPROVED

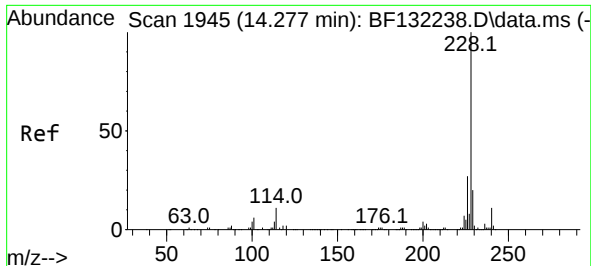
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#80
Butylbenzylphthalate
Concen: 58.695 ng
RT: 13.666 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

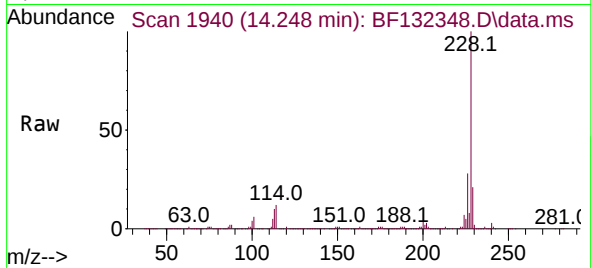
Tgt Ion:149 Resp: 664511
Ion Ratio Lower Upper
149 100
91 63.8 55.0 82.6
206 20.1 15.9 23.9





#81
Benzo(a)anthracene
Concen: 47.908 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

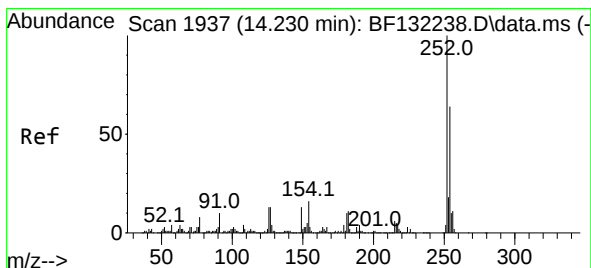
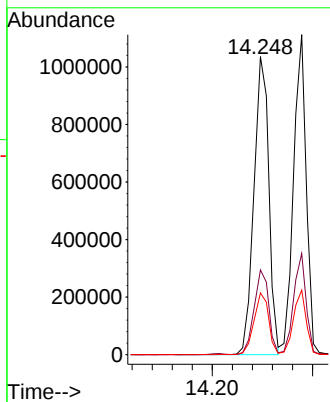
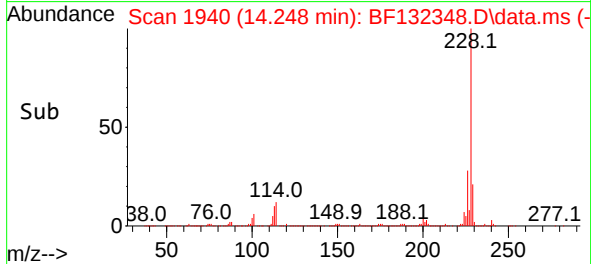
Instrument :
BNA_F
ClientSampleId :
A-2MSD



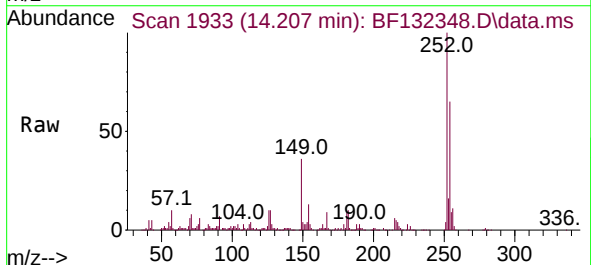
Tgt Ion:228 Resp: 1067536
Ion Ratio Lower Upper
228 100
226 28.4 22.0 33.0
229 20.7 15.8 23.6

Manual Integrations
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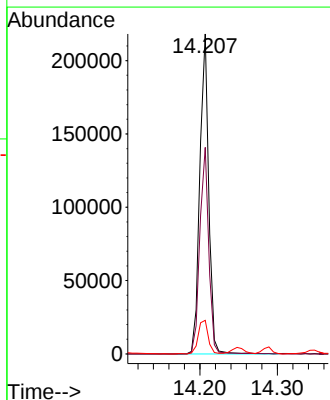
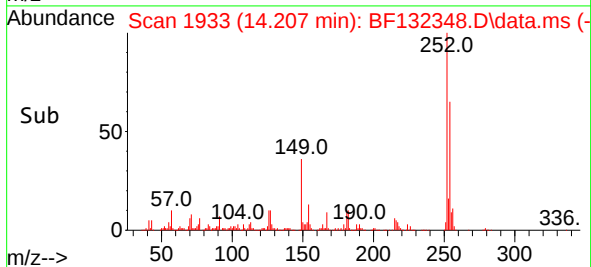
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

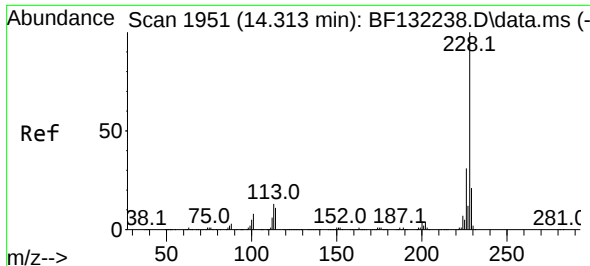


#82
3,3'-Dichlorobenzidine
Concen: 24.581 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05



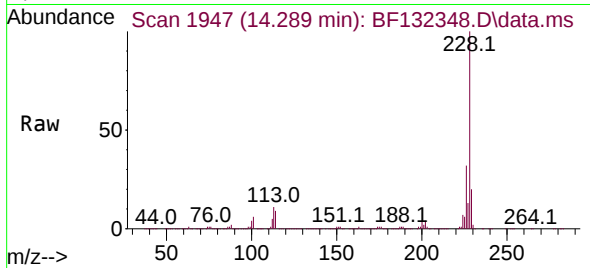
Tgt Ion:252 Resp: 174457
Ion Ratio Lower Upper
252 100
254 64.5 51.6 77.4
126 10.5 10.5 15.7#





#83
Chrysene
Concen: 46.947 ng
RT: 14.289 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

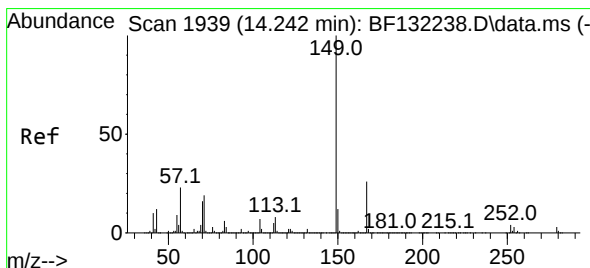
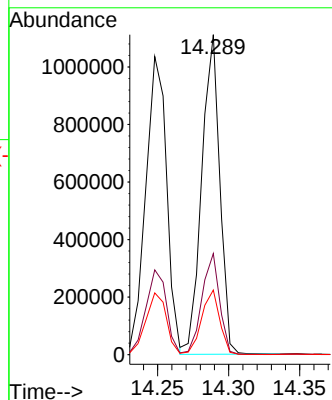
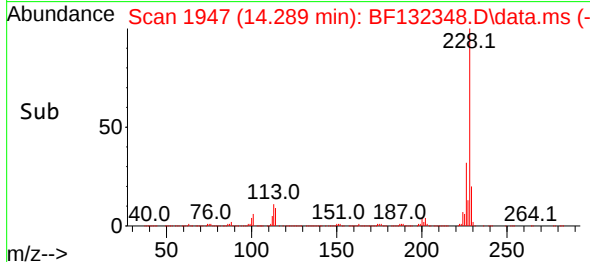
Instrument :
BNA_F
ClientSampleId :
A-2MSD



Tgt Ion:228 Resp: 979573
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 20.2 16.4 24.6

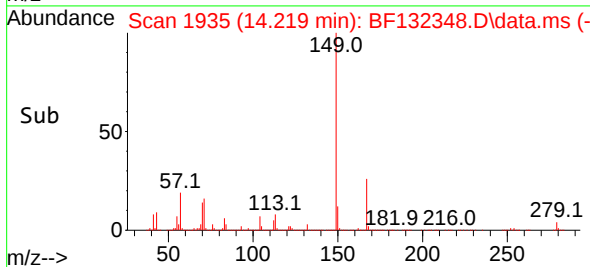
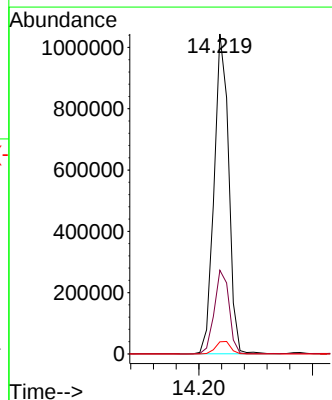
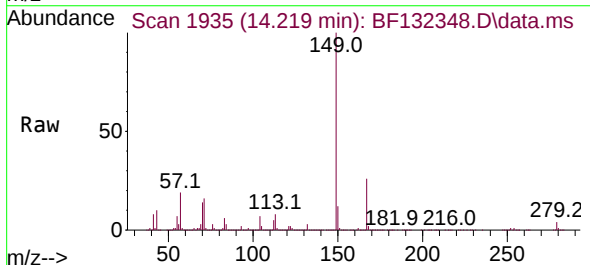
Manual Integrations
APPROVED

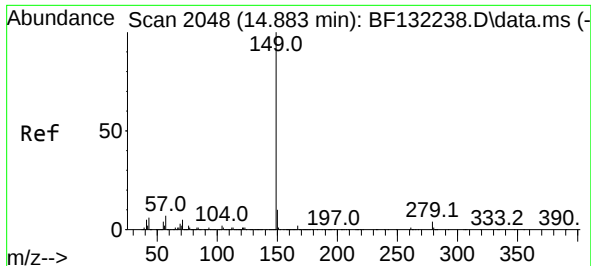
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 60.907 ng
RT: 14.219 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

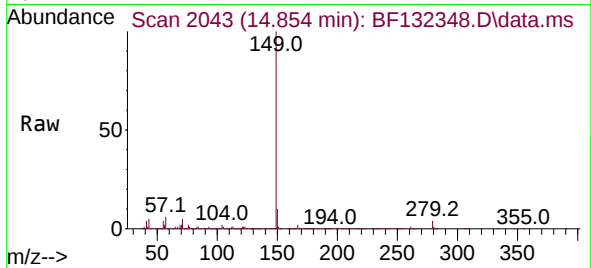
Tgt Ion:149 Resp: 932047
Ion Ratio Lower Upper
149 100
167 26.1 20.7 31.1
279 3.8 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 53.684 ng
RT: 14.854 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

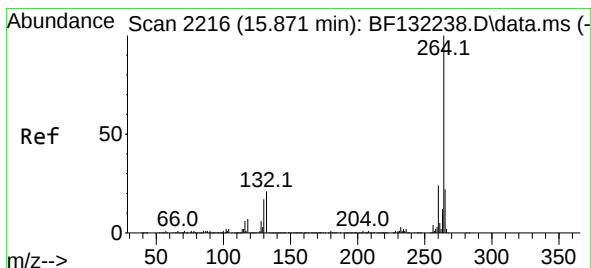
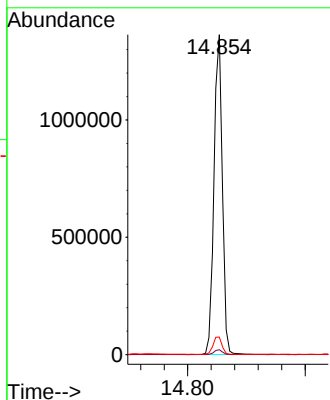
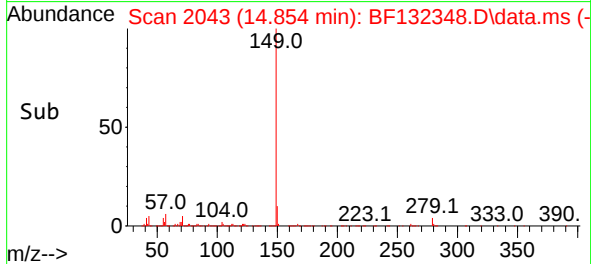
Instrument :
BNA_F
ClientSampleId :
A-2MSD



Tgt Ion:149 Resp: 1339946
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 5.8 5.9 8.9

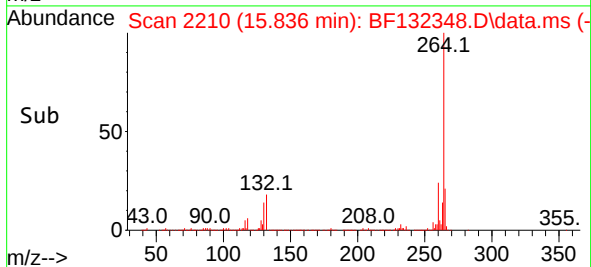
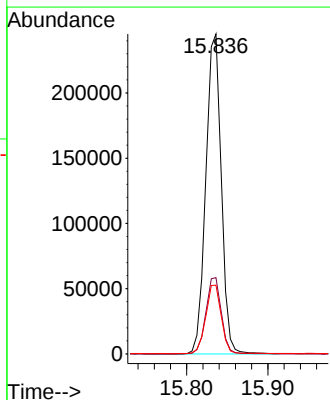
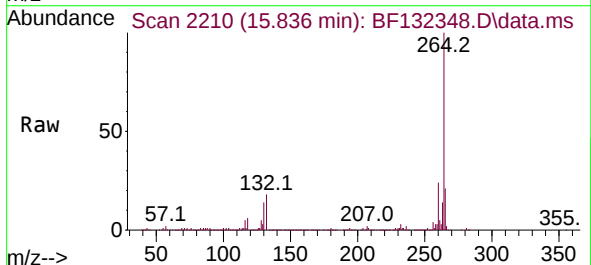
Manual Integrations
APPROVED

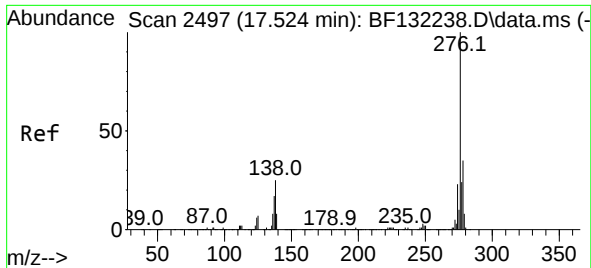
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.836 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

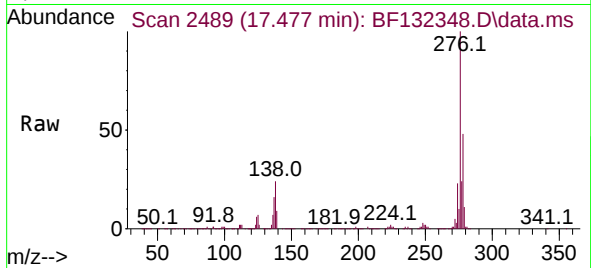
Tgt Ion:264 Resp: 325330
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.4
265 21.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.169 ng
RT: 17.477 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

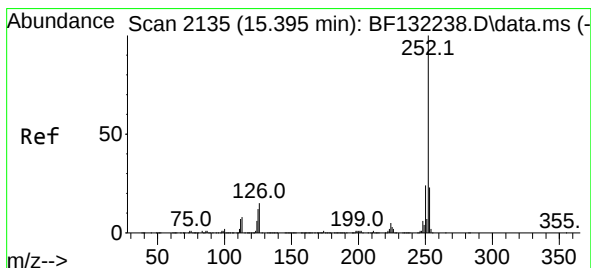
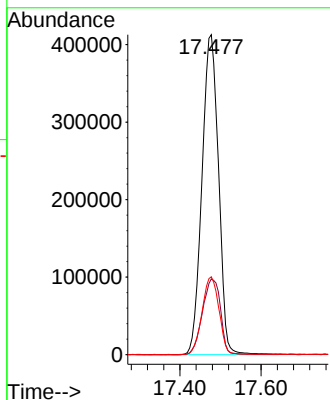
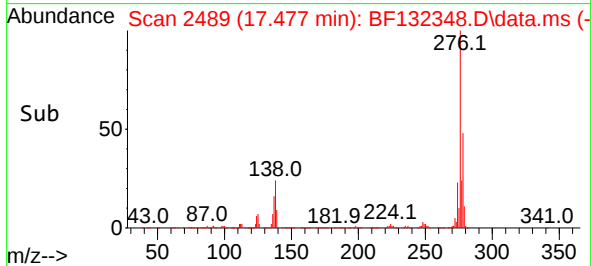
Instrument :
BNA_F
ClientSampleId :
A-2MSD



Tgt Ion:276 Resp: 1170973
Ion Ratio Lower Upper
276 100
138 25.7 23.3 34.9
277 25.0 20.0 30.0

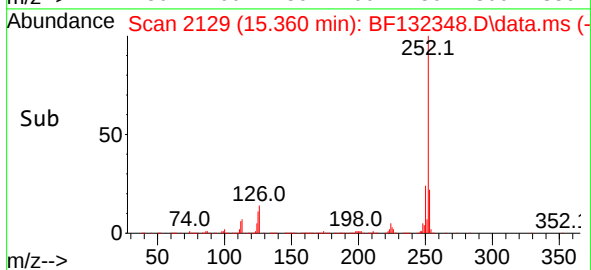
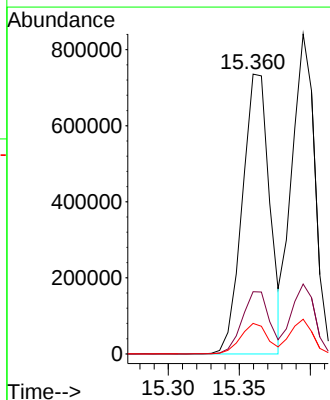
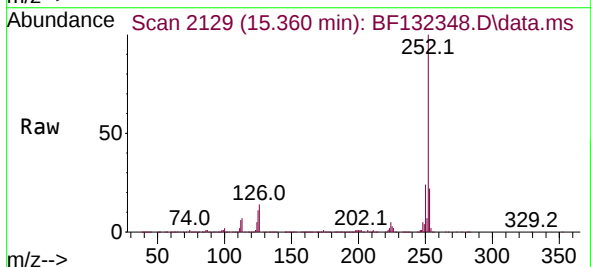
Manual Integrations
APPROVED

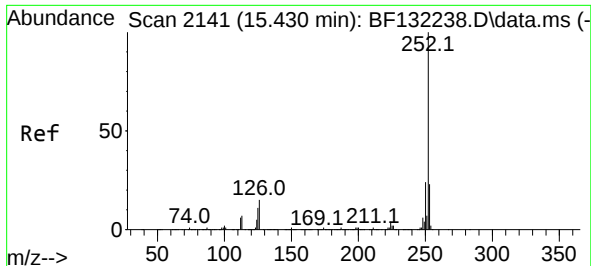
Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#88
Benzo(b)fluoranthene
Concen: 47.694 ng
RT: 15.360 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

Tgt Ion:252 Resp: 986280
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.9 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 48.039 ng

RT: 15.395 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF132348.D

Acq: 07 Feb 2023 17:05

Instrument :

BNA_F

ClientSampleId :

A-2MSD

Tgt Ion:252 Resp: 948248

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

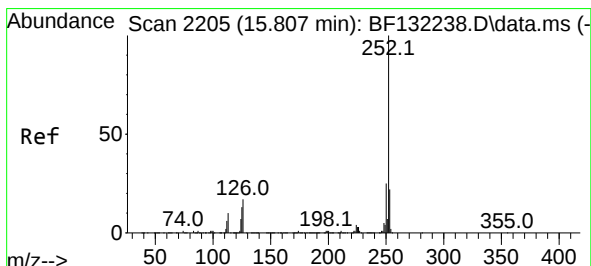
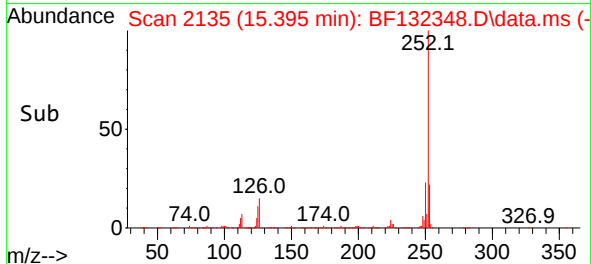
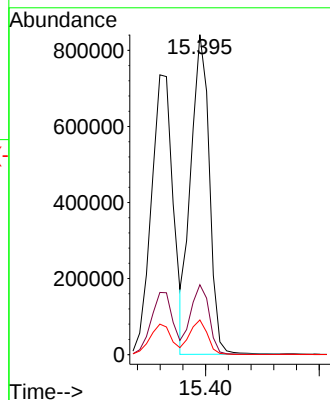
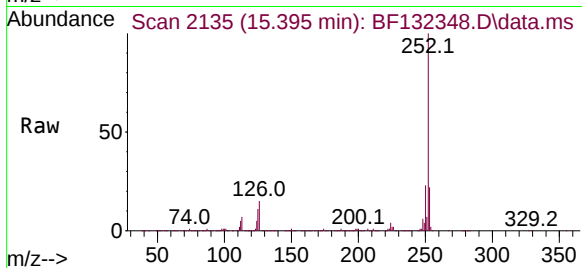
125 10.8 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/08/2023

Supervised By :Jagrut Upadhyay 02/08/2023



#90

Benzo(a)pyrene

Concen: 45.534 ng

RT: 15.771 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF132348.D

Acq: 07 Feb 2023 17:05

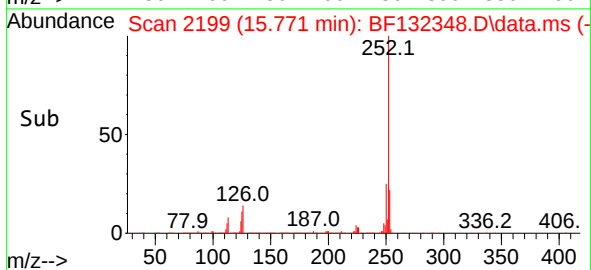
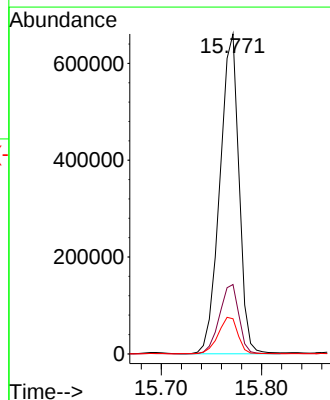
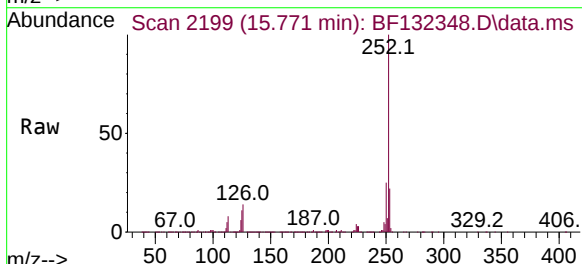
Tgt Ion:252 Resp: 876825

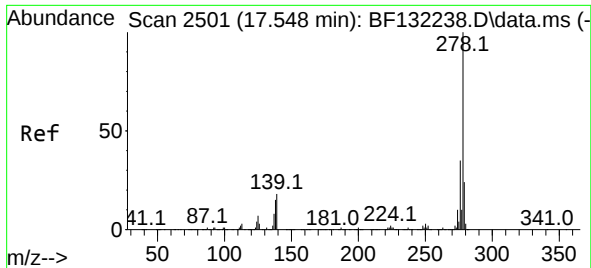
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

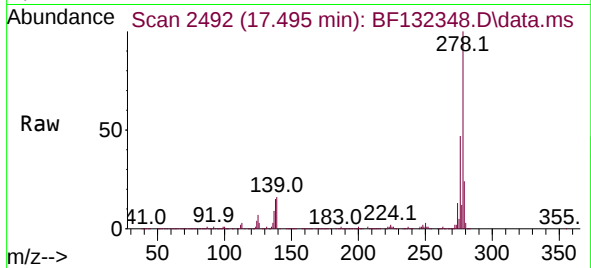
125 11.0 10.2 15.4





#91
Dibenzo(a,h)anthracene
Concen: 54.987 ng
RT: 17.495 min Scan# 24
Delta R.T. -0.006 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

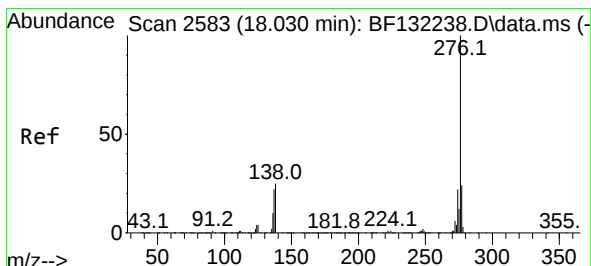
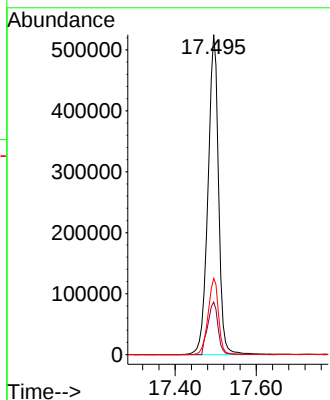
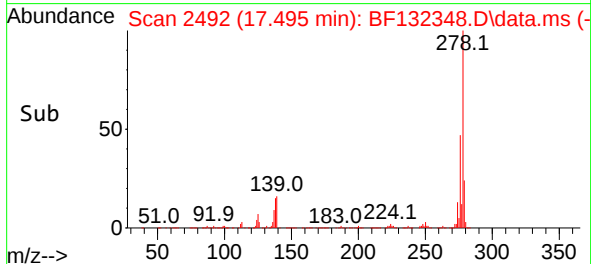
Instrument :
BNA_F
ClientSampleId :
A-2MSD



Tgt Ion:278 Resp: 955664
Ion Ratio Lower Upper
278 100
139 16.4 14.2 21.2
279 23.8 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023



#92
Benzo(g,h,i)perylene
Concen: 51.086 ng
RT: 17.977 min Scan# 2574
Delta R.T. 0.000 min
Lab File: BF132348.D
Acq: 07 Feb 2023 17:05

Tgt Ion:276 Resp: 917243
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.2
138 22.8 20.3 30.5

