

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020623\
 Data File : BF132337.D
 Acq On : 06 Feb 2023 14:34
 Operator : CG\JU
 Sample : PB150684BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150684BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/07/2023
 Supervised By : Jagrut Upadhyay 02/07/2023

Quant Time: Feb 07 04:07:26 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	172708	20.000	ng	0.00
21) Naphthalene-d8	8.342	136	660380	20.000	ng	0.00
39) Acenaphthene-d10	10.107	164	340524	20.000	ng	0.00
64) Phenanthrene-d10	11.601	188	649831	20.000	ng	0.00
76) Chrysene-d12	14.266	240	429985	20.000	ng	0.00
86) Perylene-d12	15.836	264	352353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1313566	122.254	ng	0.02
7) Phenol-d6	6.678	99	1583970	119.576	ng	0.00
23) Nitrobenzene-d5	7.619	82	945548	79.677	ng	0.00
42) 2,4,6-Tribromophenol	10.901	330	549270	156.853	ng	0.00
45) 2-Fluorobiphenyl	9.419	172	1782046	80.814	ng	0.00
79) Terphenyl-d14	13.195	244	2190074	98.527	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.031	88	180838	35.769	ng	96
3) Pyridine	3.778	79	445291	32.466	ng	95
4) n-Nitrosodimethylamine	3.737	42	162518	37.031	ng	92
6) Aniline	6.713	93	578462m	32.181	ng	
8) 2-Chlorophenol	6.837	128	524673	47.148	ng	95
9) Benzaldehyde	6.601	77	183406	21.313	ng	99
10) Phenol	6.690	94	579142	42.240	ng	96
11) bis(2-Chloroethyl)ether	6.784	93	488503	43.292	ng	95
12) 1,3-Dichlorobenzene	6.995	146	548845	46.632	ng	98
13) 1,4-Dichlorobenzene	7.072	146	555657	47.296	ng	98
14) 1,2-Dichlorobenzene	7.225	146	533832	48.722	ng	98
15) Benzyl Alcohol	7.190	79	385858	39.921	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.325	45	452321	38.047	ng	93
17) 2-Methylphenol	7.295	107	403852	41.458	ng	99
18) Hexachloroethane	7.566	117	203309	46.129	ng	97
19) n-Nitroso-di-n-propyla...	7.466	70	283009	37.613	ng	# 95
20) 3+4-Methylphenols	7.448	107	506128	40.708	ng	94
22) Acetophenone	7.460	105	656224	42.255	ng	99
24) Nitrobenzene	7.637	77	472248	38.952	ng	96
25) Isophorone	7.872	82	900536	39.981	ng	98
26) 2-Nitrophenol	7.954	139	278322	47.130	ng	# 90
27) 2,4-Dimethylphenol	7.984	122	458183	44.327	ng	98
28) bis(2-Chloroethoxy)met...	8.078	93	570744	41.234	ng	99
29) 2,4-Dichlorophenol	8.190	162	423390	46.136	ng	98
30) 1,2,4-Trichlorobenzene	8.278	180	463671	47.182	ng	98
31) Naphthalene	8.366	128	1395147	42.920	ng	99
32) Benzoic acid	8.095	122	349382m	45.664	ng	
33) 4-Chloroaniline	8.401	127	249966	17.342	ng	98
34) Hexachlorobutadiene	8.478	225	268333	48.570	ng	99
35) Caprolactam	8.784	113	143593m	45.897	ng	
36) 4-Chloro-3-methylphenol	8.878	107	440644	44.570	ng	99
37) 2-Methylnaphthalene	9.054	142	937414	42.574	ng	100
38) 1-Methylnaphthalene	9.154	142	873306	42.680	ng	99
40) 1,2,4,5-Tetrachloroben...	9.225	216	435524	45.449	ng	100
41) Hexachlorocyclopentadiene	9.207	237	532879	95.313	ng	100
43) 2,4,6-Trichlorophenol	9.331	196	315022	45.989	ng	100

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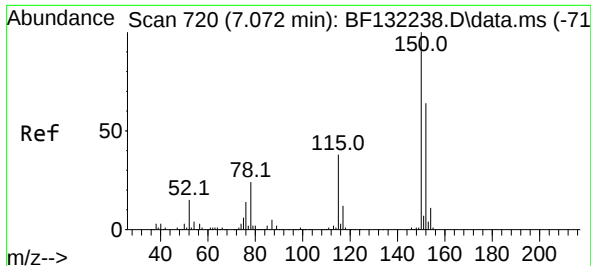
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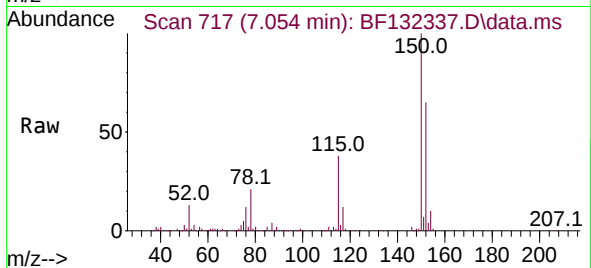
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.372	196	337824	42.848	ng	97
46) 1,1'-Biphenyl	9.519	154	1137303	43.322	ng	98
47) 2-Chloronaphthalene	9.548	162	879443	43.983	ng	99
48) 2-Nitroaniline	9.642	65	225107	37.854	ng	# 79
49) Acenaphthylene	9.972	152	1386501	42.487	ng	99
50) Dimethylphthalate	9.819	163	1056222	44.342	ng	99
51) 2,6-Dinitrotoluene	9.884	165	245218	46.095	ng	# 83
52) Acenaphthene	10.142	154	980082	47.971	ng	99
53) 3-Nitroaniline	10.054	138	196284	30.425	ng	93
54) 2,4-Dinitrophenol	10.160	184	285601	91.932	ng	94
55) Dibenzofuran	10.313	168	1223746	42.631	ng	100
56) 4-Nitrophenol	10.207	139	433457	89.285	ng	95
57) 2,4-Dinitrotoluene	10.289	165	330458	47.820	ng	90
58) Fluorene	10.660	166	965938	43.723	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.425	232	278194	48.400	ng	97
60) Diethylphthalate	10.519	149	1076551	45.431	ng	99
61) 4-Chlorophenyl-phenyle...	10.648	204	471102	44.933	ng	97
62) 4-Nitroaniline	10.678	138	265289	42.881	ng	98
63) Azobenzene	10.807	77	890749	38.591	ng	95
65) 4,6-Dinitro-2-methylph...	10.701	198	179768	48.742	ng	88
66) n-Nitrosodiphenylamine	10.766	169	857803	42.156	ng	99
67) 4-Bromophenyl-phenylether	11.142	248	305389	45.894	ng	93
68) Hexachlorobenzene	11.207	284	351919	49.480	ng	97
69) Atrazine	11.289	200	300014	51.259	ng	97
70) Pentachlorophenol	11.401	266	407764	83.442	ng	100
71) Phenanthrene	11.631	178	1466816	43.196	ng	100
72) Anthracene	11.683	178	1467468	42.464	ng	100
73) Carbazole	11.836	167	1330427	42.936	ng	99
74) Di-n-butylphthalate	12.154	149	1679143	45.837	ng	100
75) Fluoranthene	12.825	202	1516907	43.775	ng	99
77) Benzidine	12.942	184	482853	32.120	ng	98
78) Pyrene	13.060	202	1536347	44.424	ng	99
80) Butylbenzylphthalate	13.666	149	737047	48.237	ng	99
81) Benzo(a)anthracene	14.254	228	1316867	43.788	ng	98
82) 3,3'-Dichlorobenzidine	14.213	252	263811	27.542	ng	# 98
83) Chrysene	14.295	228	1211995	43.039	ng	100
84) Bis(2-ethylhexyl)phtha...	14.224	149	1004649	48.644	ng	# 98
85) Di-n-octyl phthalate	14.854	149	1526597	45.318	ng	96
87) Indeno(1,2,3-cd)pyrene	17.477	276	1156109	49.380	ng	97
88) Benzo(b)fluoranthene	15.366	252	1146332	51.182	ng	99
89) Benzo(k)fluoranthene	15.401	252	1066920	49.906	ng	99
90) Benzo(a)pyrene	15.771	252	945959	45.356	ng	99
91) Dibenzo(a,h)anthracene	17.501	278	955965	50.786	ng	99
92) Benzo(g,h,i)perylene	17.983	276	954439	49.080	ng	98

(#) = 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: BF132337.D
 Acq: 06 Feb 2023 14:34

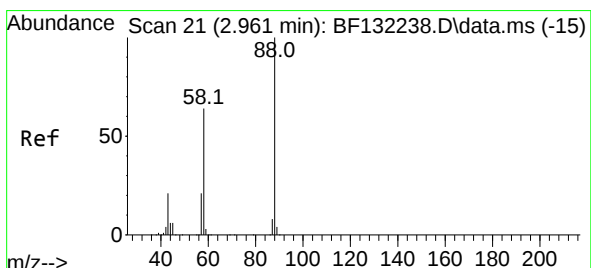
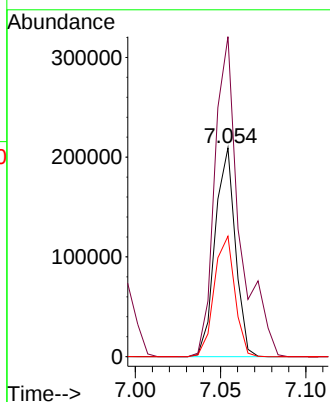
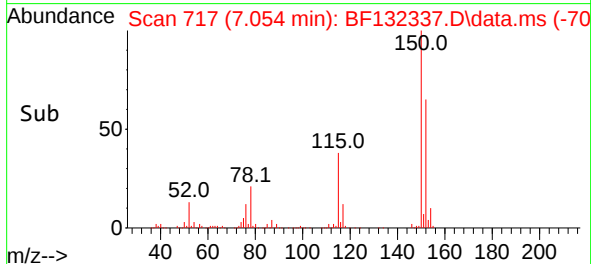
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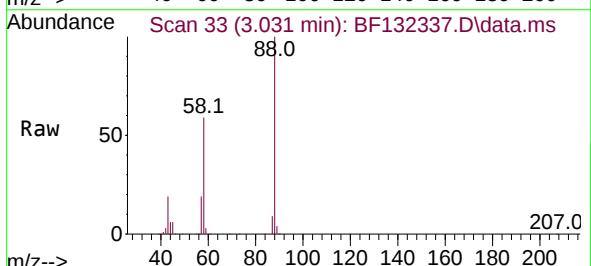
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 Ion Ratio Lower Upper
 152 100
 150 153.3 124.2 186.2
 115 57.7 47.3 70.9

Manual Integrations
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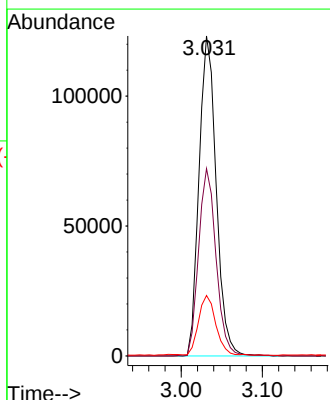
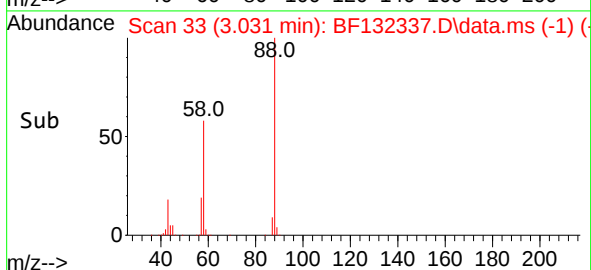
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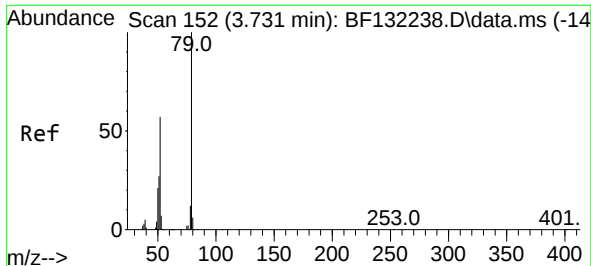


#2
 1,4-Dioxane
 Concen: 35.769 ng
 RT: 3.031 min Scan# 33
 Delta R.T. 0.094 min
 Lab File: BF132337.D
 Acq: 06 Feb 2023 14:34



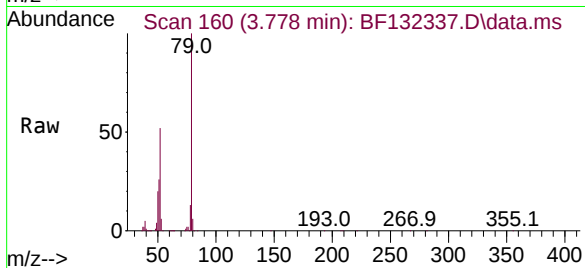
Tgt Ion: 88 Resp: 180838
 Ion Ratio Lower Upper
 88 100
 58 59.5 50.2 75.2
 43 18.8 16.9 25.3





#3
Pyridine
Concen: 32.466 ng
RT: 3.778 min Scan# 10
Delta R.T. 0.065 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

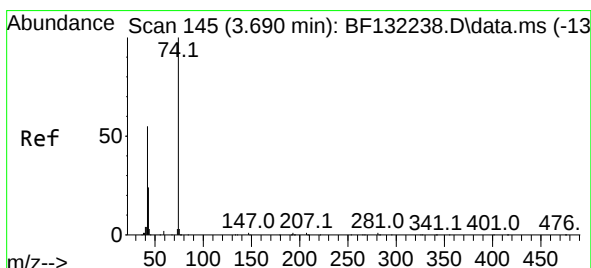
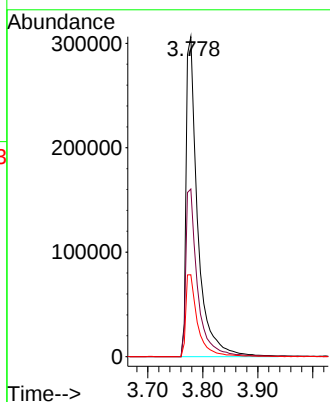
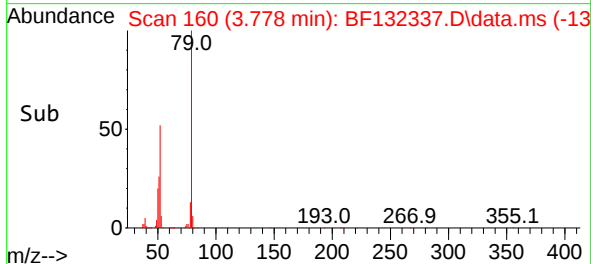
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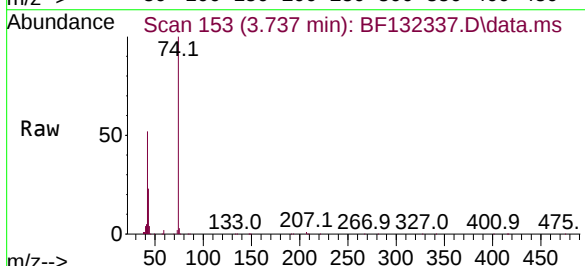
Tgt Ion: 79 Resp: 445291
Ion Ratio Lower Upper
79 100
52 52.4 45.6 68.4
51 25.6 21.5 32.3

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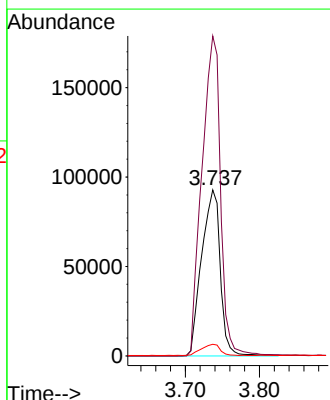
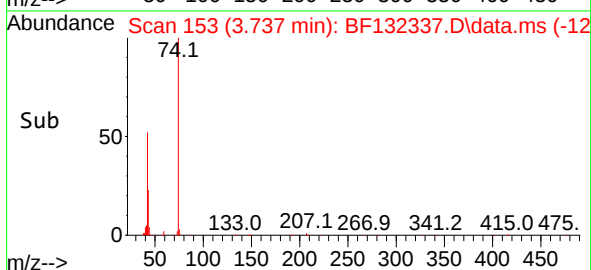
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

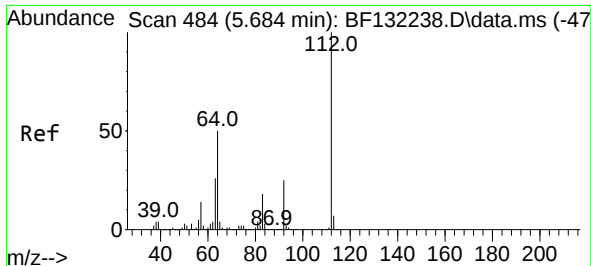


#4
n-Nitrosodimethylamine
Concen: 37.031 ng
RT: 3.737 min Scan# 153
Delta R.T. 0.065 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



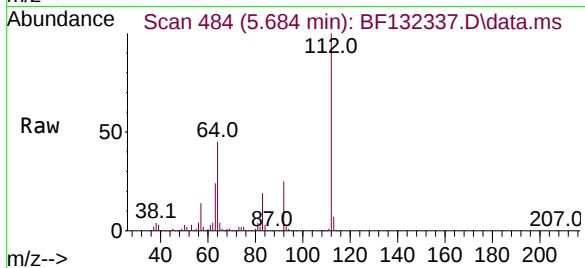
Tgt Ion: 42 Resp: 162518
Ion Ratio Lower Upper
42 100
74 192.8 144.6 217.0
44 7.0 5.1 7.7





#5
2-Fluorophenol
Concen: 122.254 ng
RT: 5.684 min Scan# 484
Delta R.T. 0.018 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

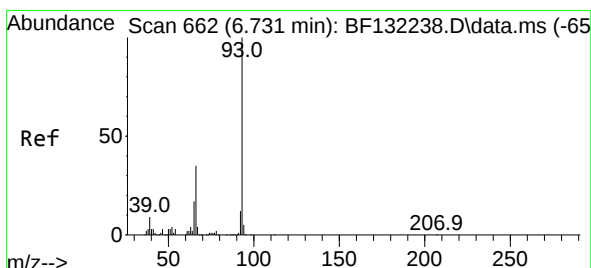
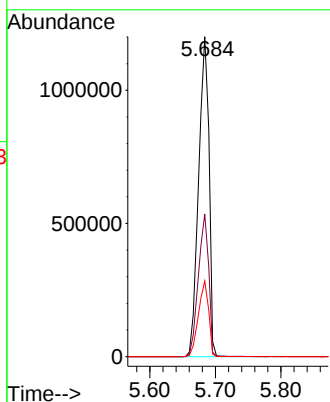
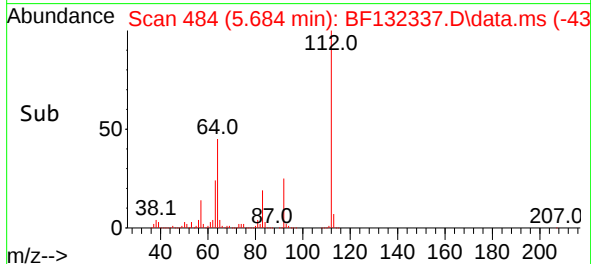
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Tgt Ion: 112 Resp: 1313566
Ion Ratio Lower Upper
112 100
64 44.6 40.0 60.0
63 23.6 20.5 30.7

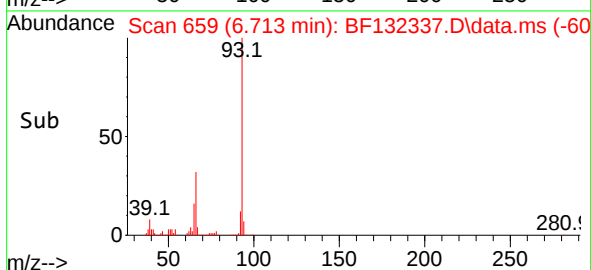
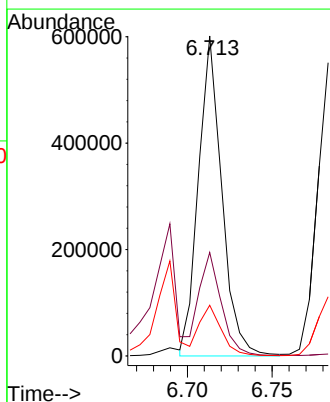
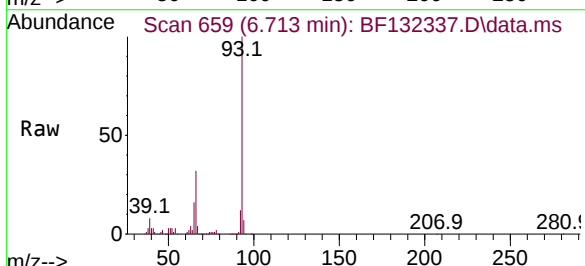
Manual Integrations
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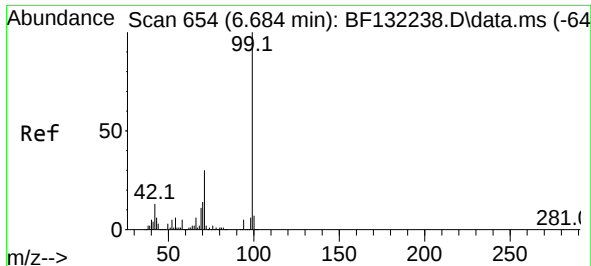
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#6
Aniline
Concen: 32.181 ng m
RT: 6.713 min Scan# 659
Delta R.T. -0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

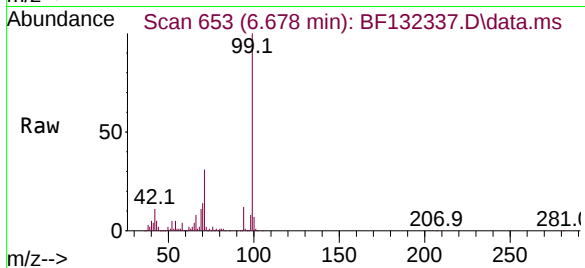
Tgt Ion: 93 Resp: 578462
Ion Ratio Lower Upper
93 100
66 32.4 28.8 43.2
65 15.9 14.2 21.4





#7
Phenol-d6
Concen: 119.576 ng
RT: 6.678 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

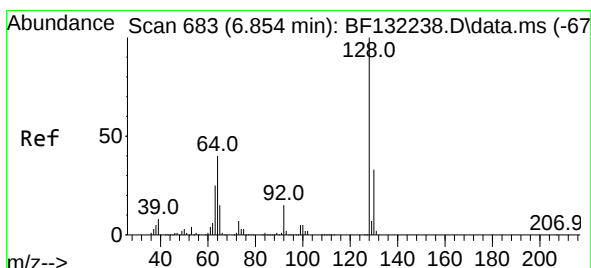
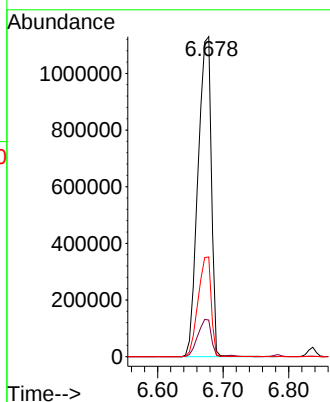
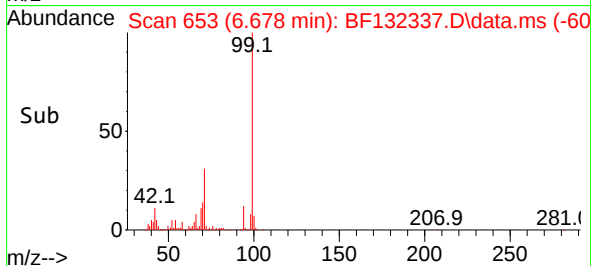
Instrument :
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Tgt Ion: 99 Resp: 1583970
Ion Ratio Lower Upper
99 100
42 11.4 10.1 15.1
71 31.1 24.2 36.4

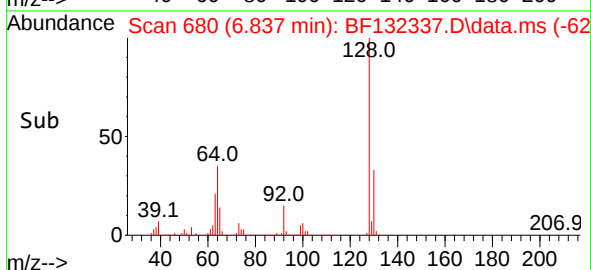
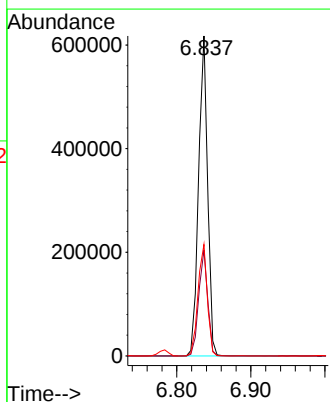
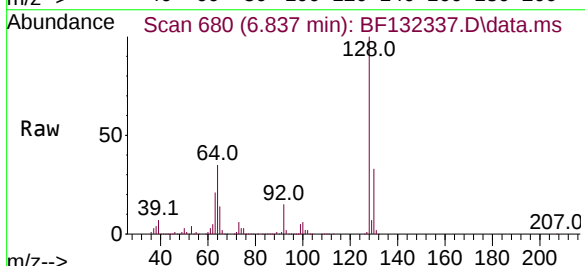
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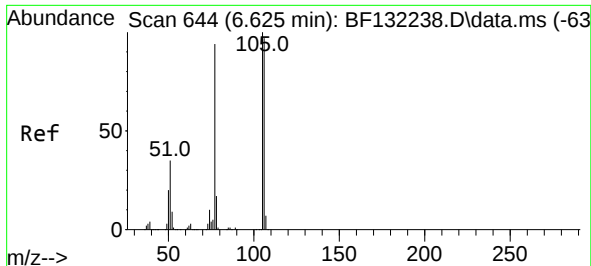
Reviewed By :Christian Giraldo 02/07/2023
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#8
2-Chlorophenol
Concen: 47.148 ng
RT: 6.837 min Scan# 680
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

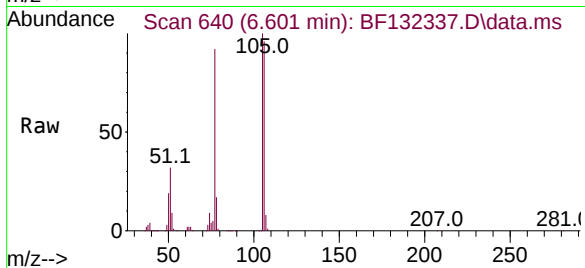
Tgt Ion:128 Resp: 524673
Ion Ratio Lower Upper
128 100
130 33.1 13.3 53.3
64 34.8 20.1 60.1





#9
Benzaldehyde
Concen: 21.313 ng
RT: 6.601 min Scan# 644
Delta R.T. -0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

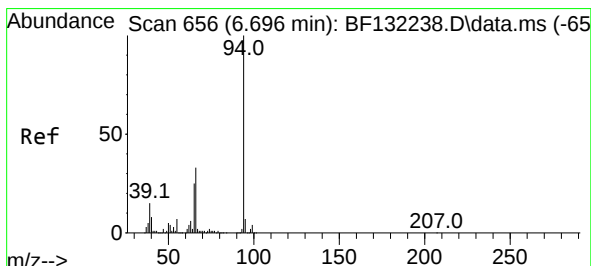
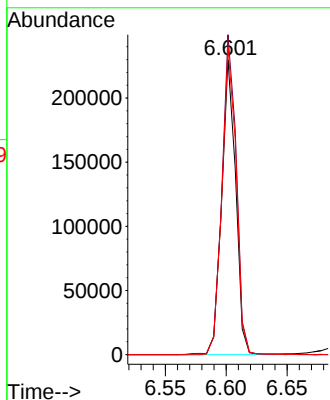
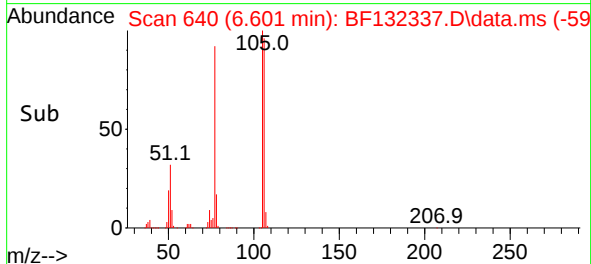
Instrument :
BNA_F
ClientSampleId :
PB150684BS



Tgt Ion: 77 Resp: 183406
Ion Ratio Lower Upper
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105 108.5 86.8 126.8
106 104.3 83.8 123.8

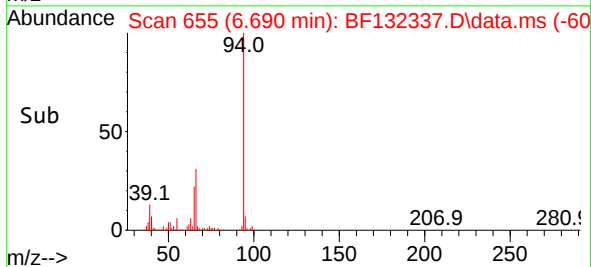
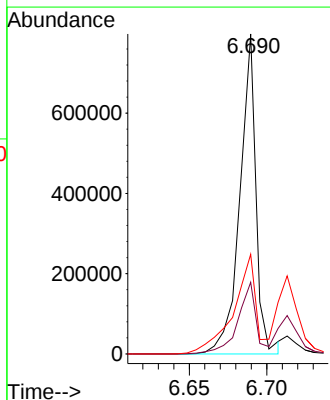
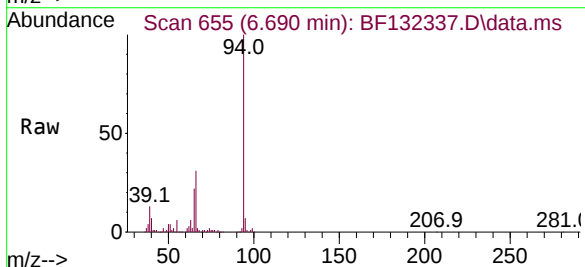
Manual Integrations
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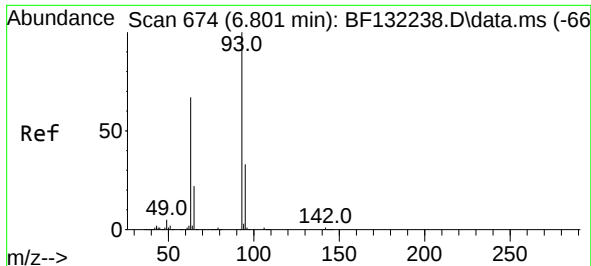
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#10
Phenol
Concen: 42.240 ng
RT: 6.690 min Scan# 655
Delta R.T. 0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

Tgt Ion: 94 Resp: 579142
Ion Ratio Lower Upper
94 100
65 22.4 5.1 45.1
66 31.1 13.0 53.0





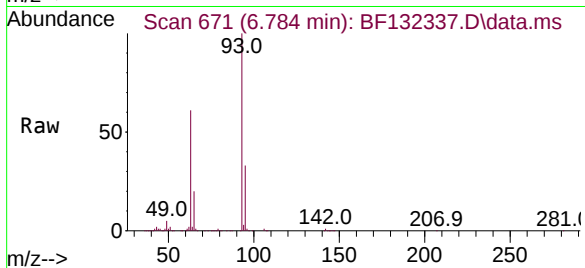
#11
bis(2-Chloroethyl)ether
Concen: 43.292 ng
RT: 6.784 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

PB150684BS

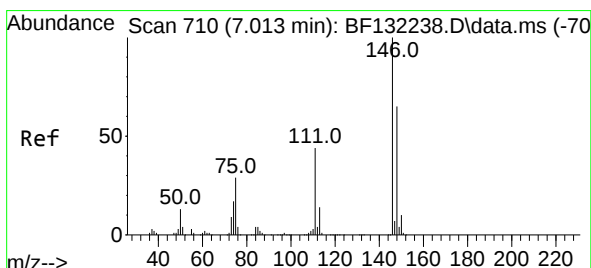
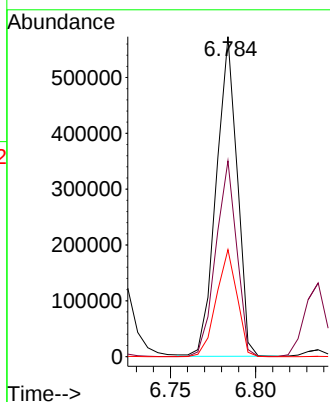
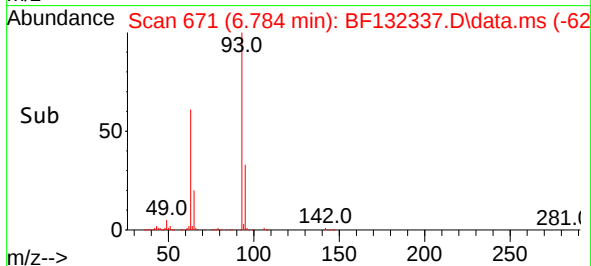


Tgt Ion: 93 Resp: 488503
Ion Ratio Lower Upper
93 100
63 61.2 46.7 86.7
95 33.4 13.4 53.4

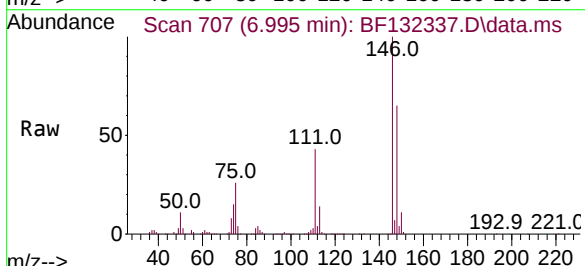
Manual Integrations

APPROVED

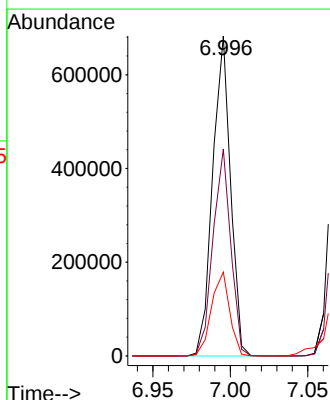
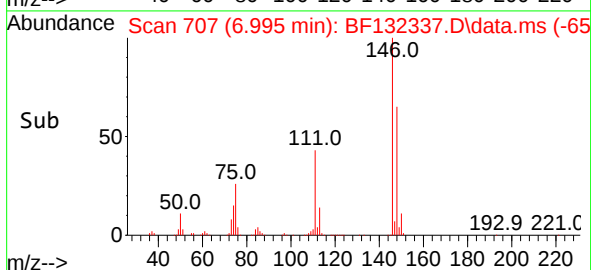
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

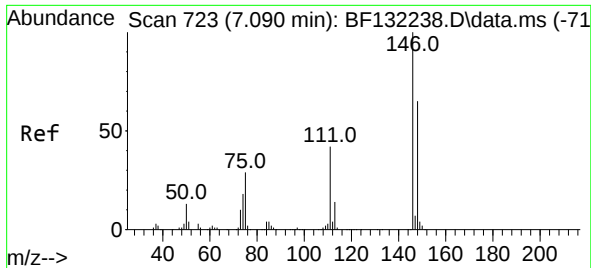


#12
1,3-Dichlorobenzene
Concen: 46.632 ng
RT: 6.995 min Scan# 707
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



Tgt Ion:146 Resp: 548845
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
75 26.2 23.5 35.3





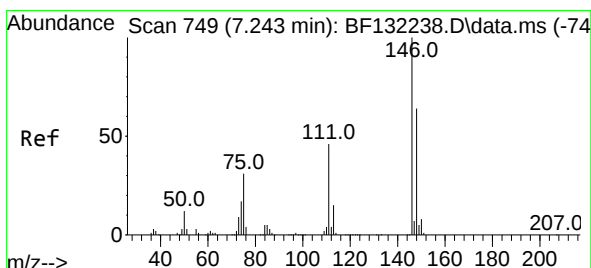
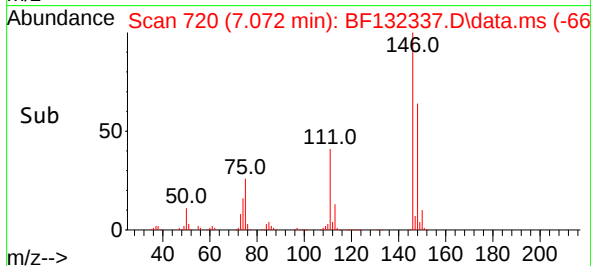
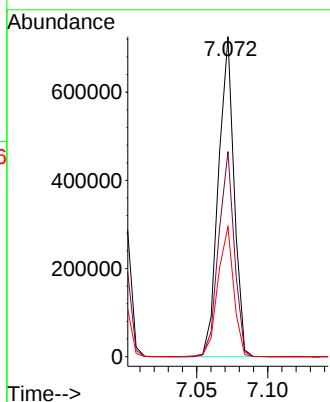
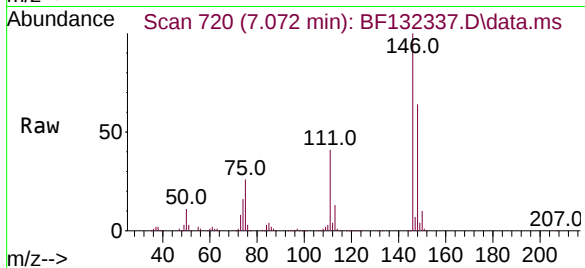
#13
1,4-Dichlorobenzene
Concen: 47.296 ng
RT: 7.072 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

Instrument :
BNA_F
ClientSampleId :
PB150684BS

Tgt Ion:146 Resp: 555652
Ion Ratio Lower Upper
146 100
148 64.1 52.4 78.6
111 40.6 34.0 51.0

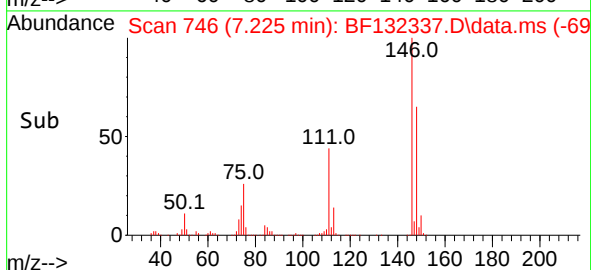
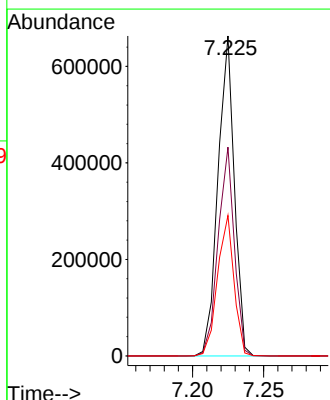
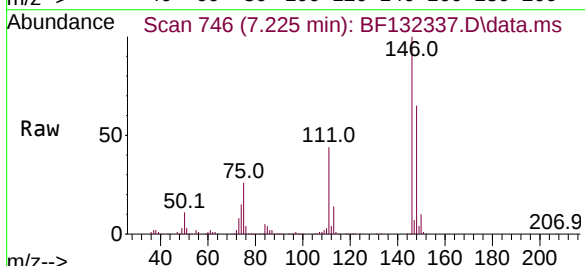
Manual Integrations
APPROVED

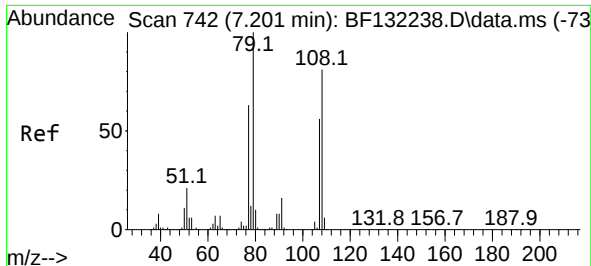
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#14
1,2-Dichlorobenzene
Concen: 48.722 ng
RT: 7.225 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

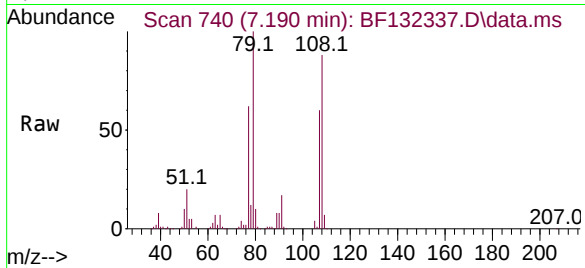
Tgt Ion:146 Resp: 533832
Ion Ratio Lower Upper
146 100
148 65.2 51.4 77.0
111 43.9 37.1 55.7





#15
Benzyl Alcohol
Concen: 39.921 ng
RT: 7.190 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

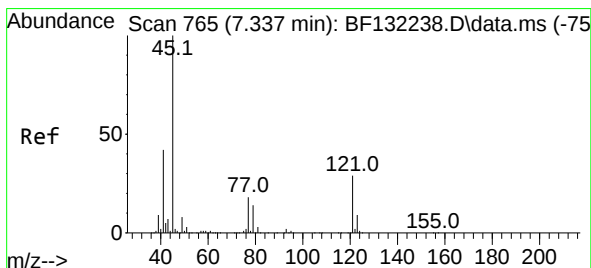
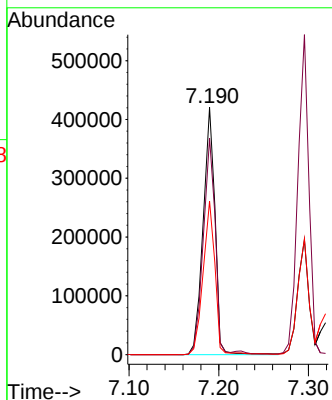
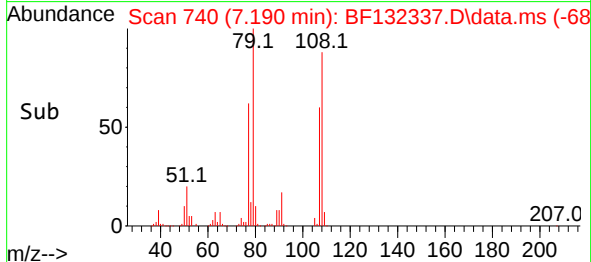
Instrument :
BNA_F
ClientSampleId :
PB150684BS



Tgt Ion: 79 Resp: 385858
Ion Ratio Lower Upper
79 100
108 87.6 64.6 97.0
77 62.0 50.1 75.1

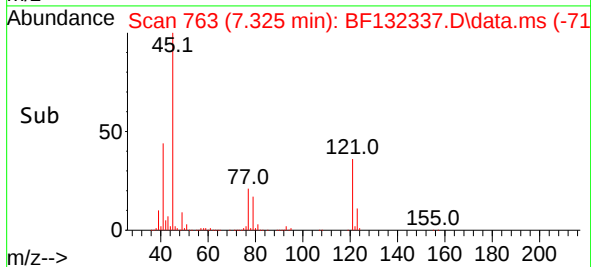
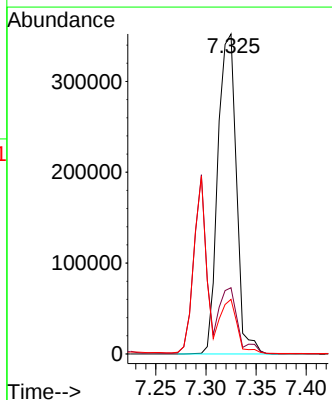
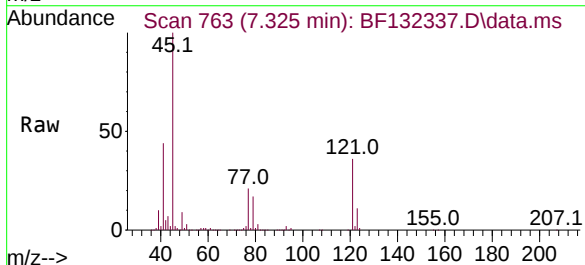
Manual Integrations
APPROVED

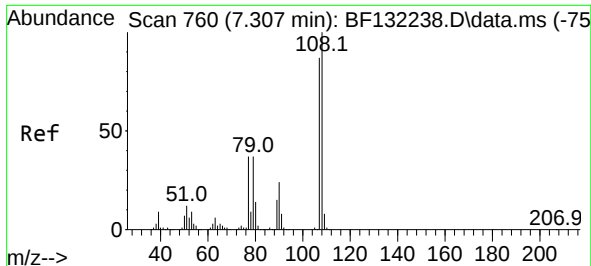
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.047 ng
RT: 7.325 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

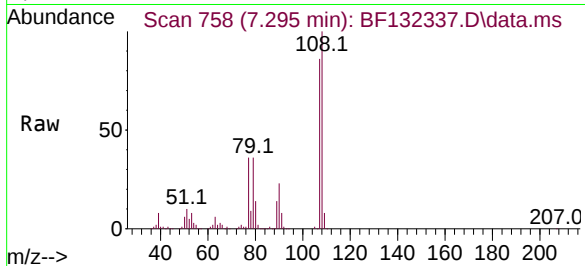
Tgt Ion: 45 Resp: 452321
Ion Ratio Lower Upper
45 100
77 20.7 0.0 38.0
79 17.0 0.0 33.8





#17
2-Methylphenol
Concen: 41.458 ng
RT: 7.295 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

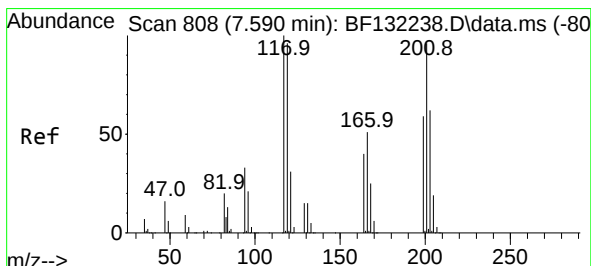
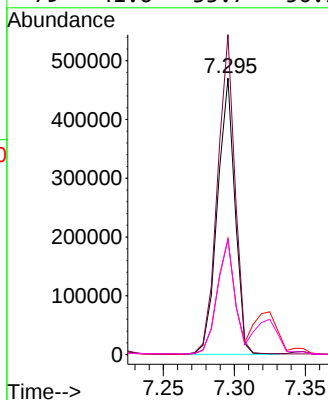
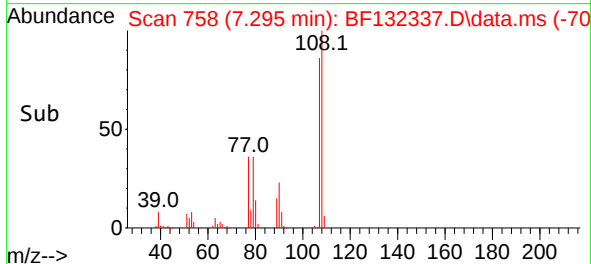
Instrument :
BNA_F
ClientSampleId :
PB150684BS



Tgt Ion:107 Resp: 403852
Ion Ratio Lower Upper
107 100
108 115.8 91.8 137.6
77 42.0 34.2 51.2
79 41.6 33.7 50.5

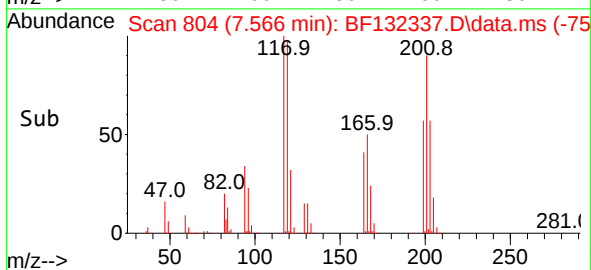
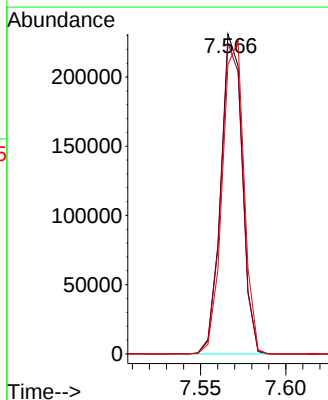
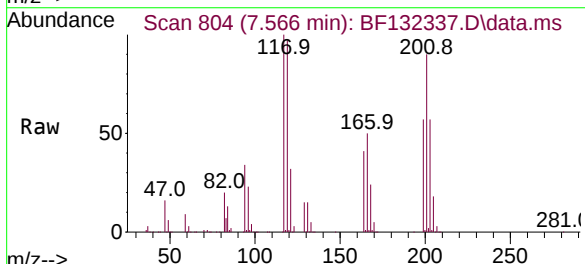
Manual Integrations
APPROVED

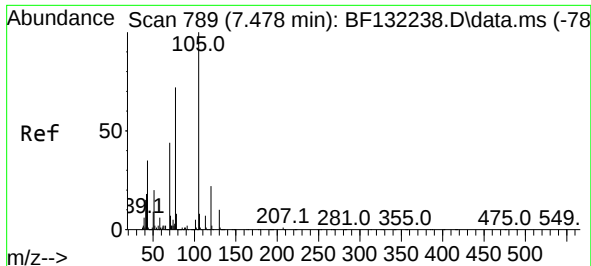
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#18
Hexachloroethane
Concen: 46.129 ng
RT: 7.566 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

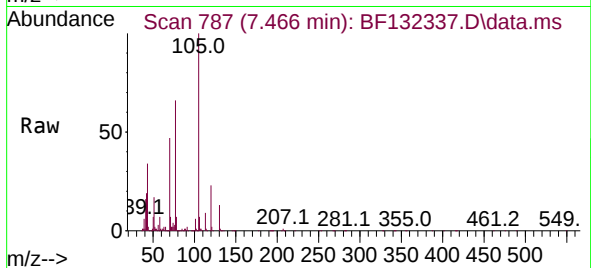
Tgt Ion:117 Resp: 203309
Ion Ratio Lower Upper
117 100
119 97.1 76.7 115.1
201 90.4 76.6 114.8





#19
n-Nitroso-di-n-propylamine
Concen: 37.613 ng
RT: 7.466 min Scan# 787
Delta R.T. 0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

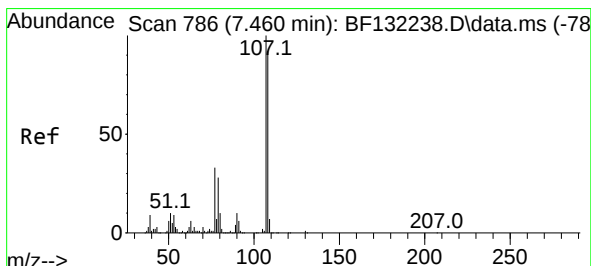
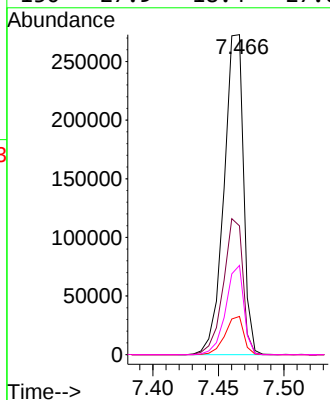
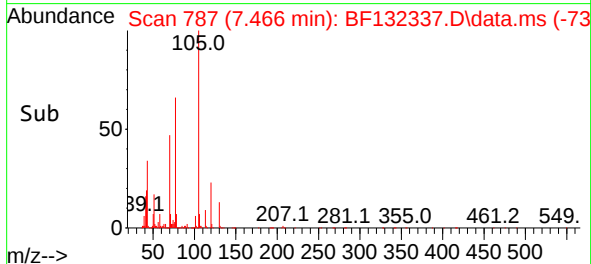
Instrument :
BNA_F
ClientSampleId :
PB150684BS



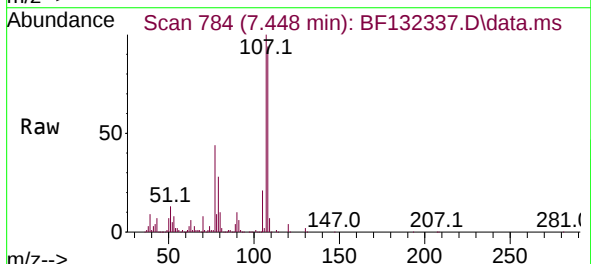
Tgt Ion: 70 Resp: 283009
Ion Ratio Lower Upper
70 100
42 40.2 33.4 50.0
101 11.9 8.2 12.4
130 27.9 18.4 27.6#

Manual Integrations
APPROVED

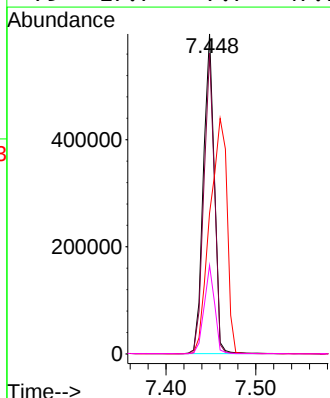
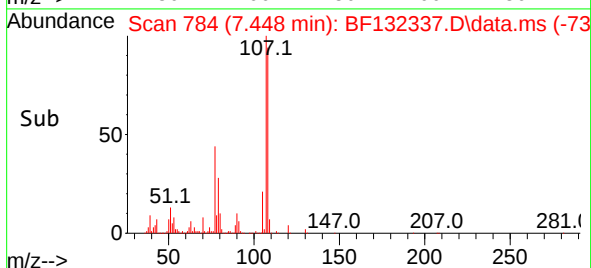
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

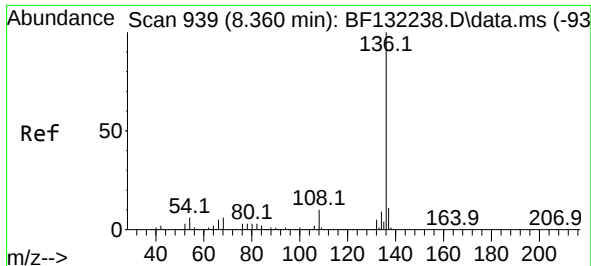


#20
3+4-Methylphenols
Concen: 40.708 ng
RT: 7.448 min Scan# 784
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



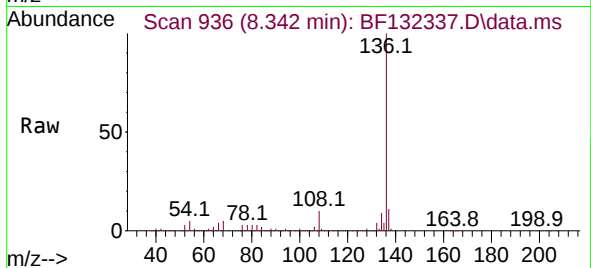
Tgt Ion:107 Resp: 506128
Ion Ratio Lower Upper
107 100
108 93.9 71.6 111.6
77 44.0 13.4 53.4
79 27.7 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.342 min Scan# 936
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

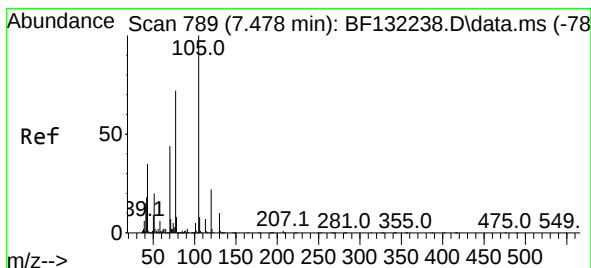
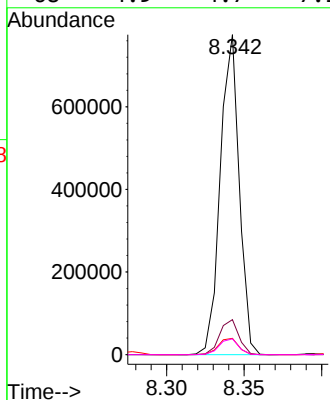
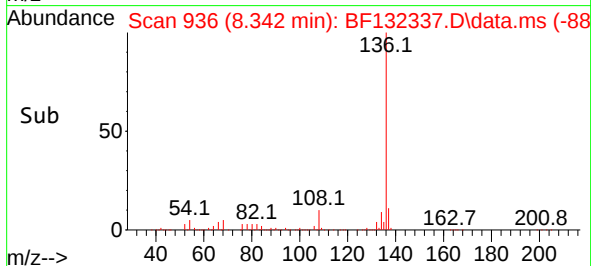
Instrument :
BNA_F
ClientSampleId :
PB150684BS



Tgt Ion:136 Resp: 660380
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 5.1 4.9 7.3
68 4.9 4.7 7.1

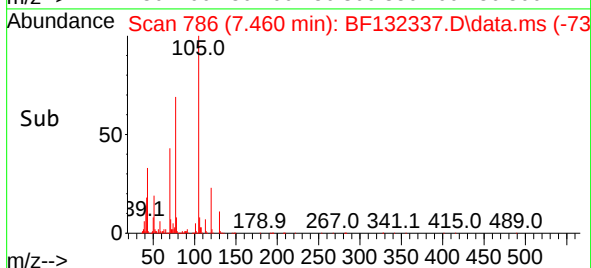
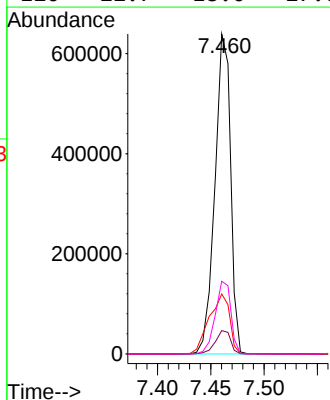
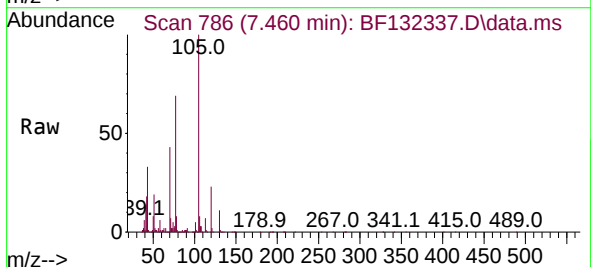
Manual Integrations
APPROVED

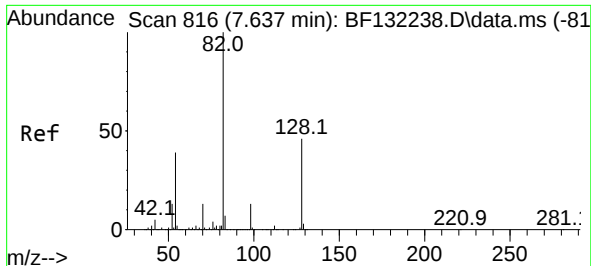
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#22
Acetophenone
Concen: 42.255 ng
RT: 7.460 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

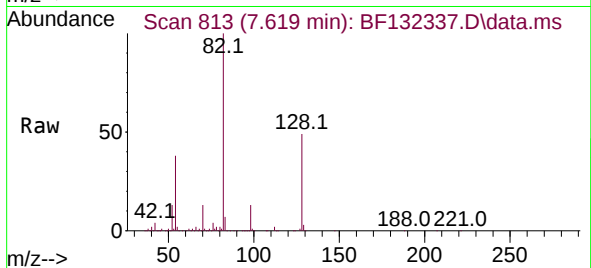
Tgt Ion:105 Resp: 656224
Ion Ratio Lower Upper
105 100
71 7.3 5.8 8.6
51 18.7 16.2 24.2
120 22.7 18.0 27.0





#23
Nitrobenzene-d5
Concen: 79.677 ng
RT: 7.619 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

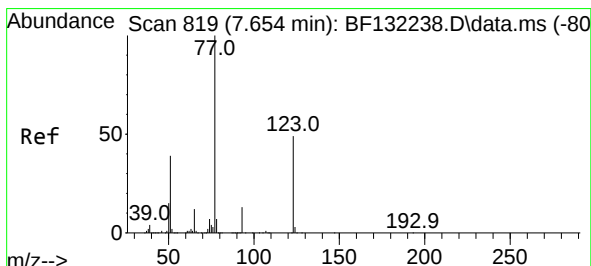
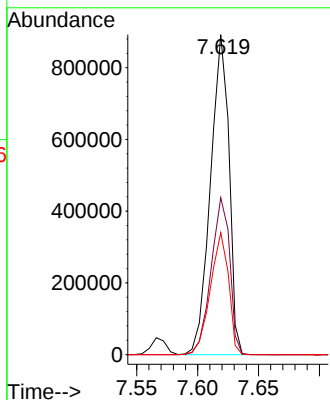
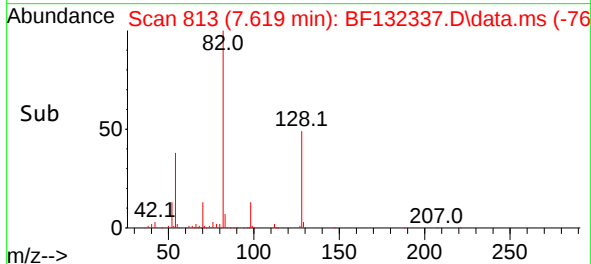
Instrument :
BNA_F
Client Sample Id :
PB150684BS



Tgt Ion: 82 Resp: 945548
Ion Ratio Lower Upper
82 100
128 49.0 37.0 55.4
54 38.1 31.5 47.3

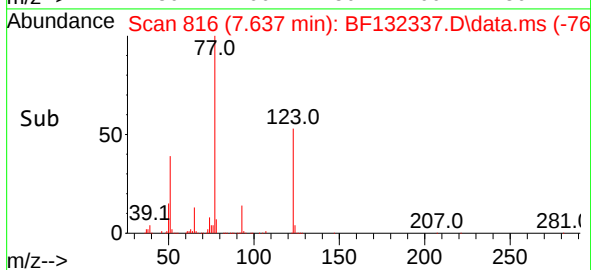
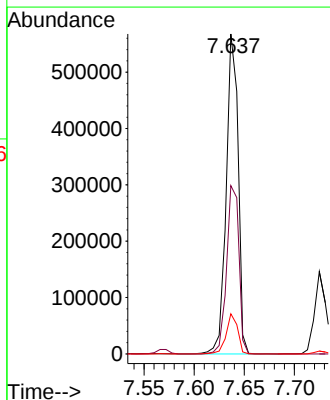
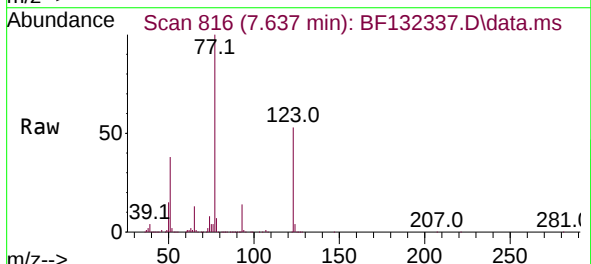
Manual Integrations
APPROVED

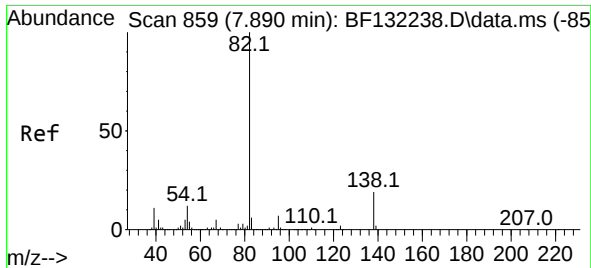
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#24
Nitrobenzene
Concen: 38.952 ng
RT: 7.637 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

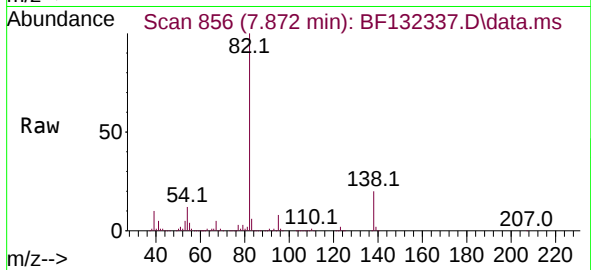
Tgt Ion: 77 Resp: 472248
Ion Ratio Lower Upper
77 100
123 52.6 39.5 59.3
65 12.5 9.8 14.8





#25
Isophorone
Concen: 39.981 ng
RT: 7.872 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

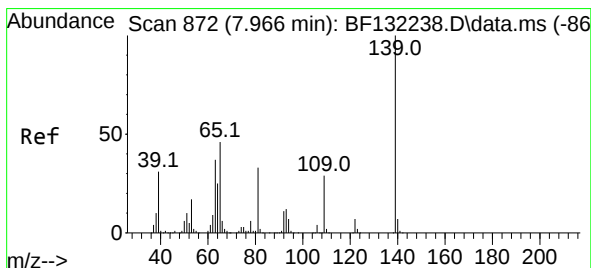
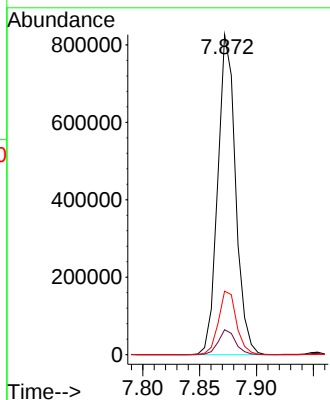
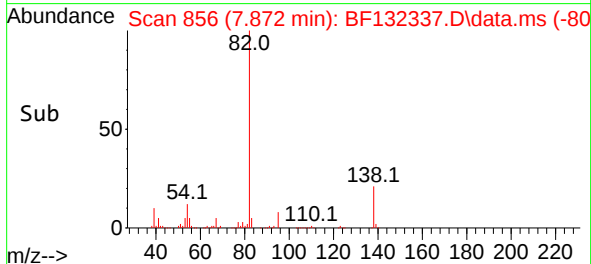
Instrument :
BNA_F
ClientSampleId :
PB150684BS



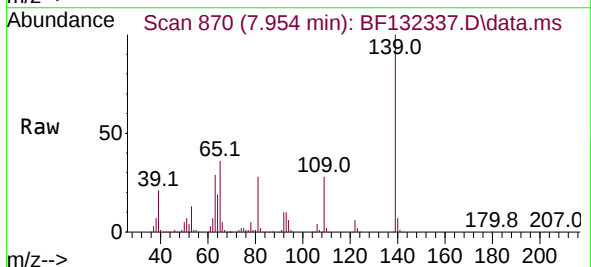
Tgt Ion: 82 Resp: 900536
Ion Ratio Lower Upper
82 100
95 7.8 5.6 8.4
138 19.8 15.0 22.6

Manual Integrations
APPROVED

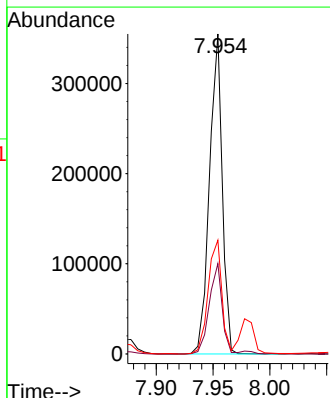
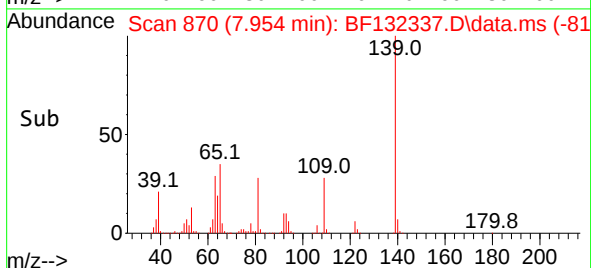
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

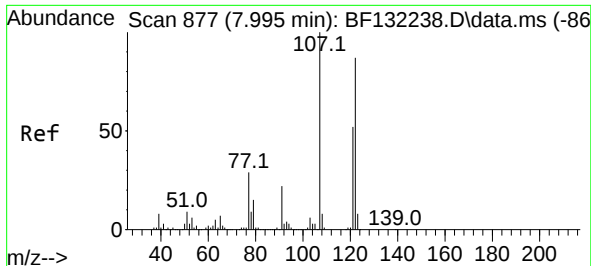


#26
2-Nitrophenol
Concen: 47.130 ng
RT: 7.954 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



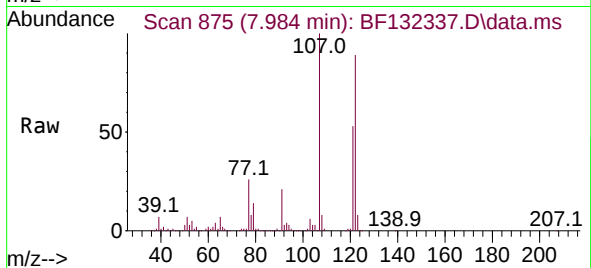
Tgt Ion:139 Resp: 278322
Ion Ratio Lower Upper
139 100
109 28.2 23.0 34.6
65 35.5 36.6 55.0#





#27
2,4-Dimethylphenol
Concen: 44.327 ng
RT: 7.984 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

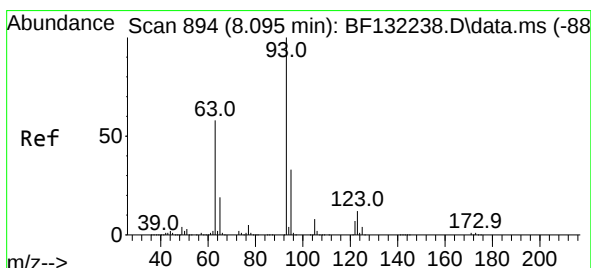
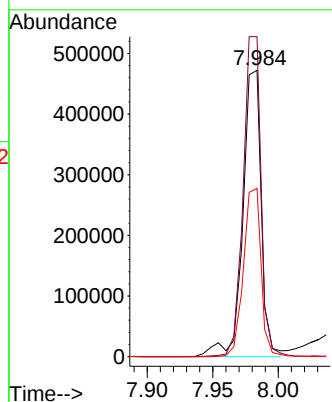
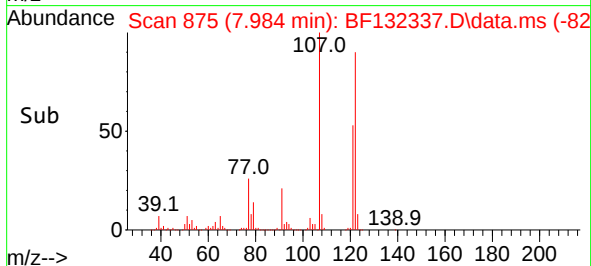
Instrument :
BNA_F
ClientSampleId :
PB150684BS



Tgt Ion:122 Resp: 458183
Ion Ratio Lower Upper
122 100
107 111.7 91.9 137.9
121 58.8 47.8 71.8

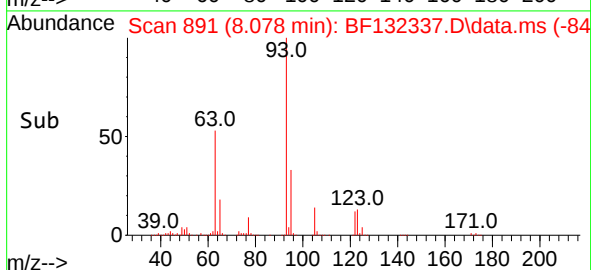
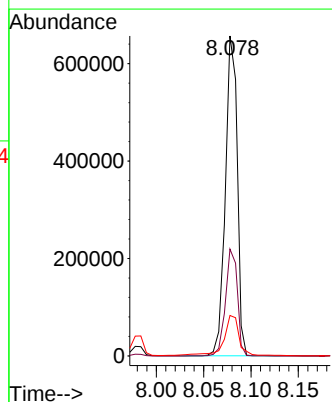
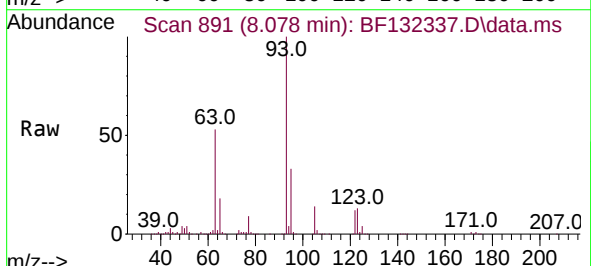
Manual Integrations
APPROVED

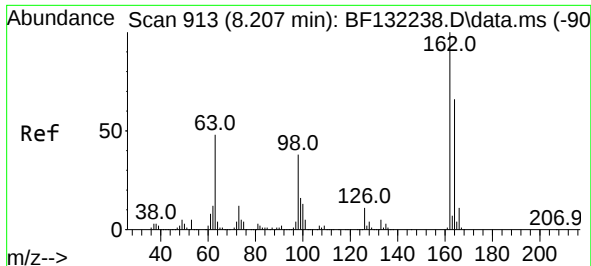
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.234 ng
RT: 8.078 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

Tgt Ion: 93 Resp: 570744
Ion Ratio Lower Upper
93 100
95 33.4 26.6 40.0
123 12.6 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 46.136 ng

RT: 8.190 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF132337.D

Acq: 06 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

PB150684BS

Tgt Ion:162 Resp: 423390

Ion Ratio Lower Upper

162 100

164 64.1 46.4 86.4

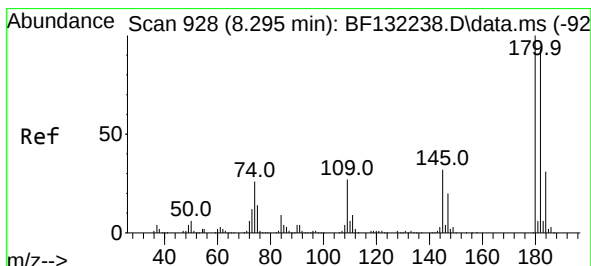
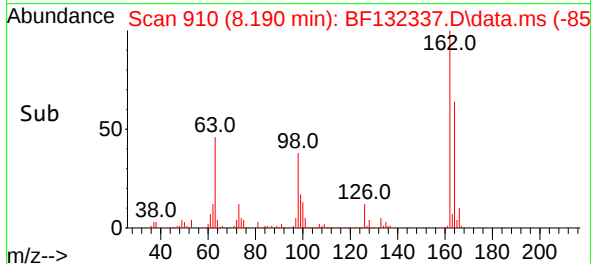
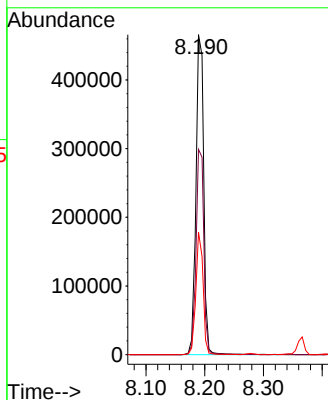
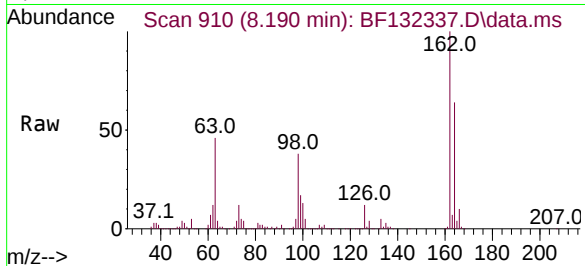
98 38.3 17.8 57.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2023

Supervised By :Jagrut Upadhyay 02/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.182 ng

RT: 8.278 min Scan# 925

Delta R.T. 0.000 min

Lab File: BF132337.D

Acq: 06 Feb 2023 14:34

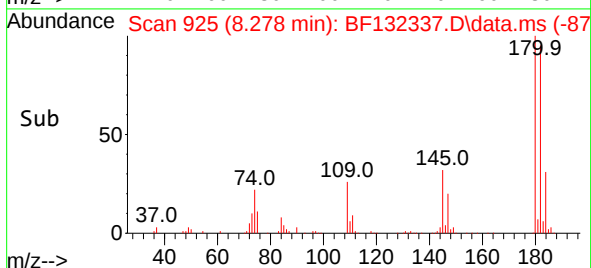
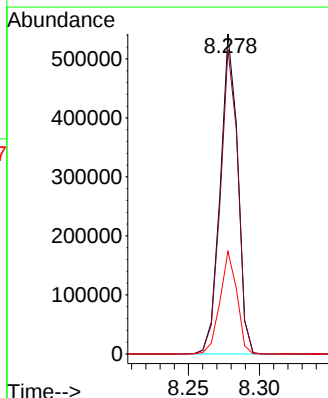
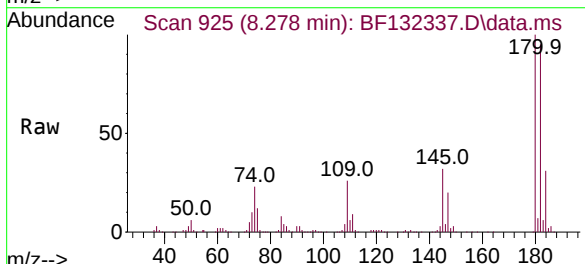
Tgt Ion:180 Resp: 463671

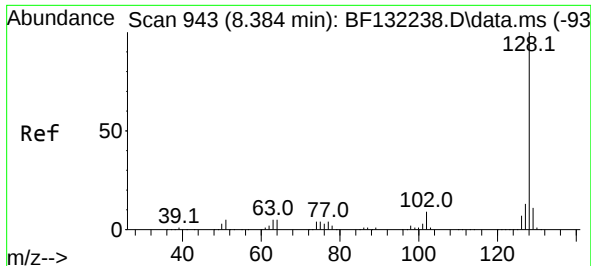
Ion Ratio Lower Upper

180 100

182 95.1 74.6 112.0

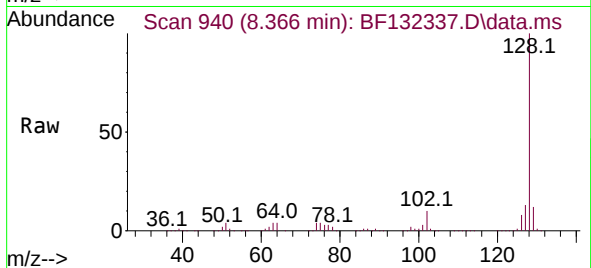
145 32.0 25.3 37.9





#31
Naphthalene
Concen: 42.920 ng
RT: 8.366 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

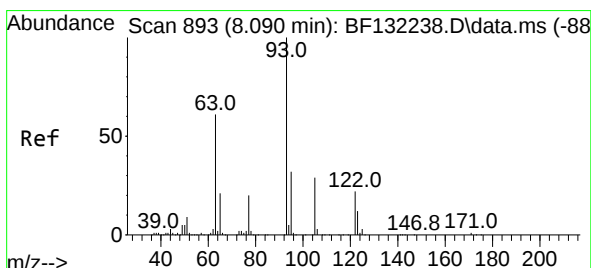
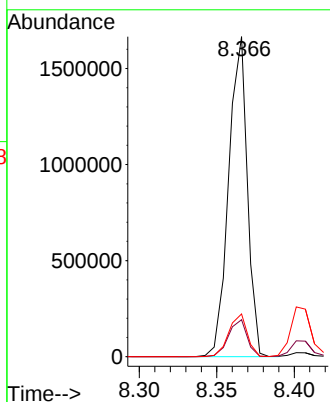
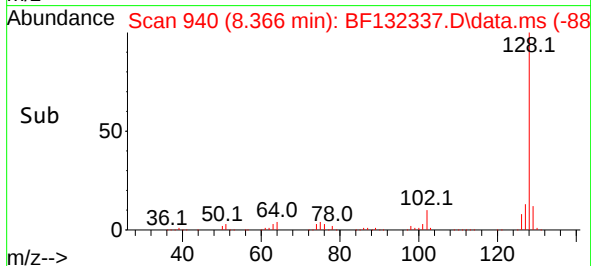
Instrument :
BNA_F
ClientSampleId :
PB150684BS



Tgt Ion:128 Resp: 139514
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.3 10.5 15.7

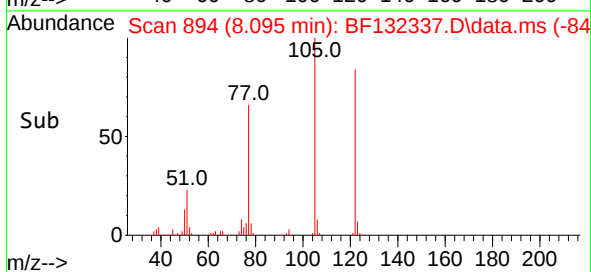
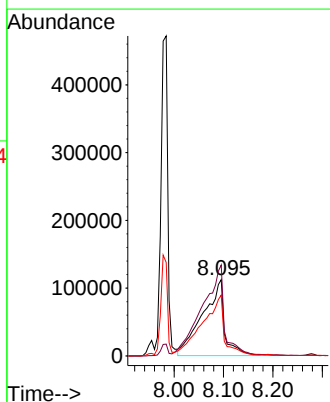
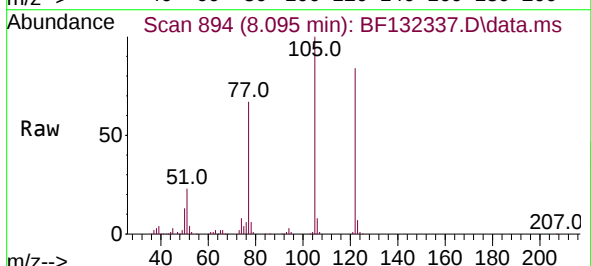
Manual Integrations
APPROVED

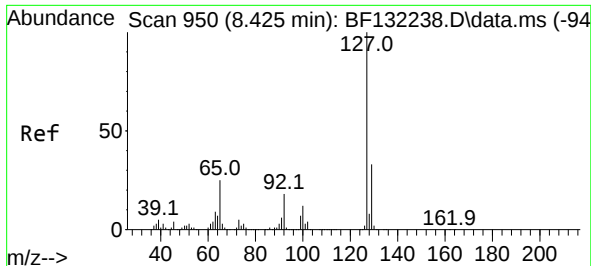
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#32
Benzoic acid
Concen: 45.664 ng m
RT: 8.095 min Scan# 894
Delta R.T. 0.012 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

Tgt Ion:122 Resp: 349382
Ion Ratio Lower Upper
122 100
105 119.2 106.3 146.3
77 79.9 70.6 110.6





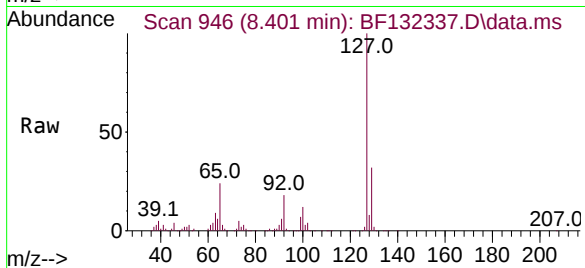
#33
4-Chloroaniline
Concen: 17.342 ng
RT: 8.401 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

PB150684BS

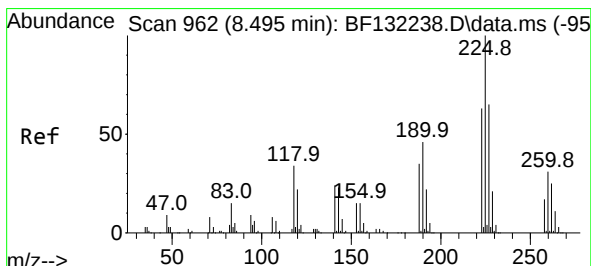
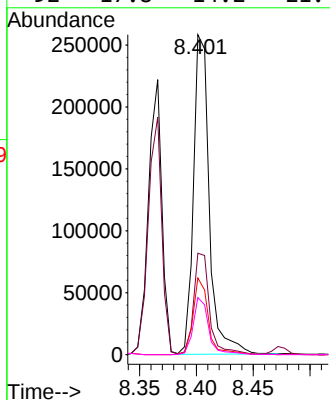
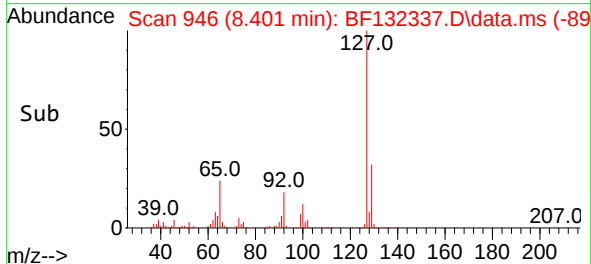


Tgt Ion:127 Resp: 249966
Ion Ratio Lower Upper
127 100
129 31.7 26.6 39.8
65 23.9 20.2 30.2
92 17.8 14.2 21.4

Manual Integrations

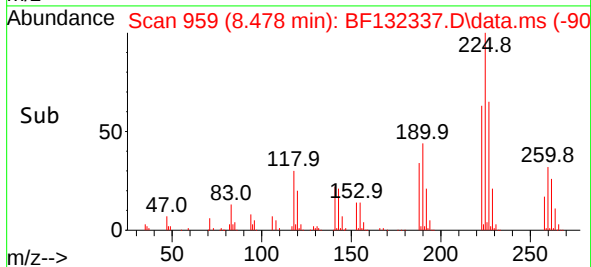
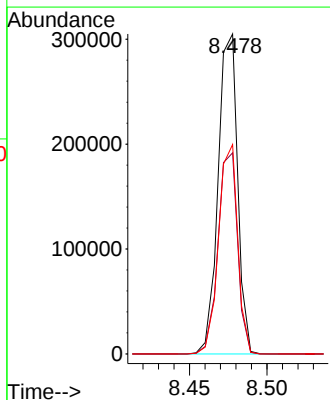
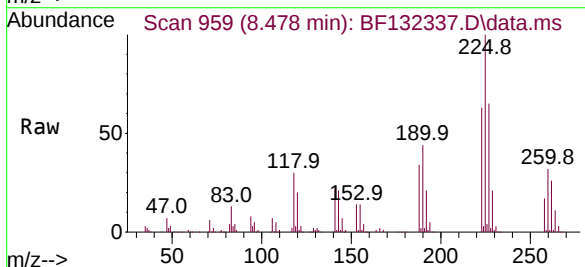
APPROVED

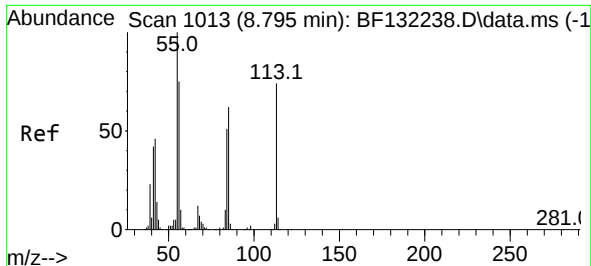
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#34
Hexachlorobutadiene
Concen: 48.570 ng
RT: 8.478 min Scan# 959
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

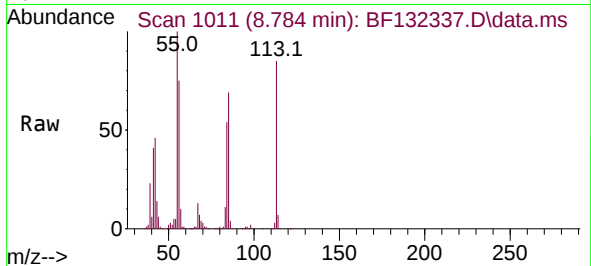
Tgt Ion:225 Resp: 268333
Ion Ratio Lower Upper
225 100
223 62.8 50.6 75.8
227 65.4 51.7 77.5





#35
Caprolactam
Concen: 45.897 ng m
RT: 8.784 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

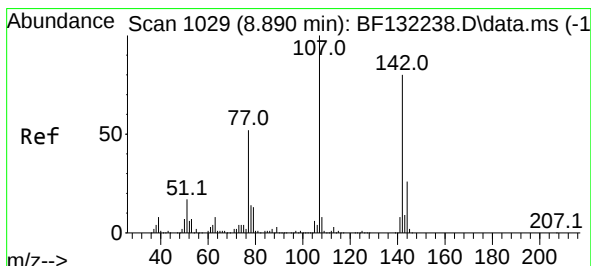
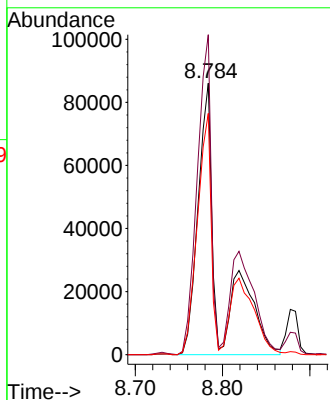
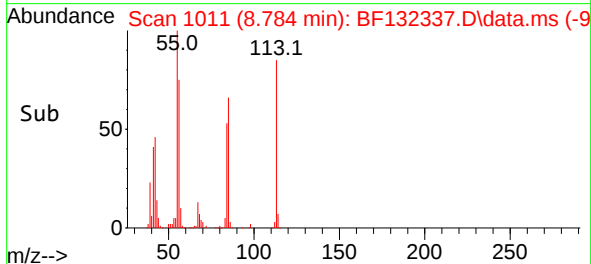
Instrument :
BNA_F
ClientSampleId :
PB150684BS



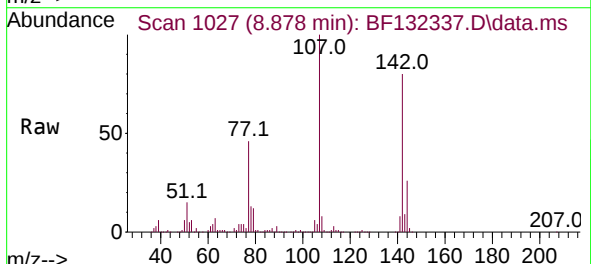
Tgt Ion:113 Resp: 143593
Ion Ratio Lower Upper
113 100
55 117.9 114.7 154.7
56 88.9 81.1 121.1

Manual Integrations
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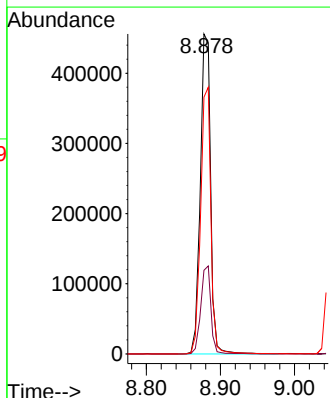
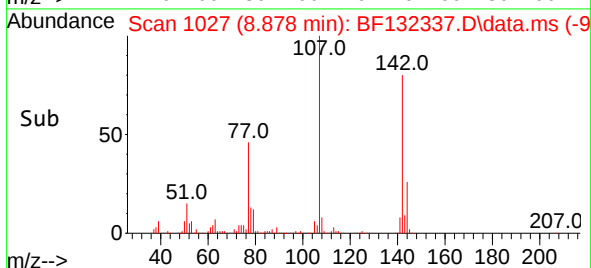
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

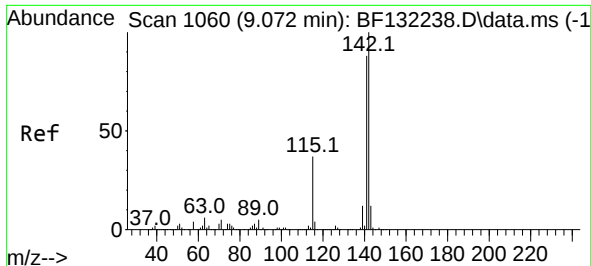


#36
4-Chloro-3-methylphenol
Concen: 44.570 ng
RT: 8.878 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



Tgt Ion:107 Resp: 440644
Ion Ratio Lower Upper
107 100
144 26.1 20.5 30.7
142 80.2 63.6 95.4





#37

2-Methylnaphthalene

Concen: 42.574 ng

RT: 9.054 min Scan# 1060

Delta R.T. 0.000 min

Lab File: BF132337.D

Acq: 06 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

PB150684BS

Tgt Ion:142 Resp: 937414

Ion Ratio Lower Upper

142 100

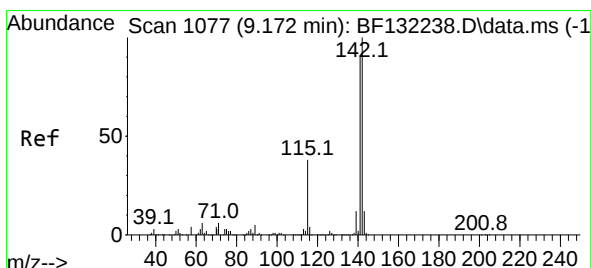
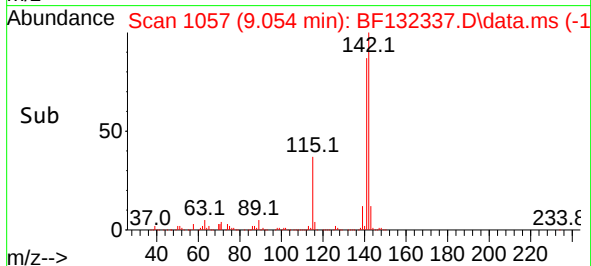
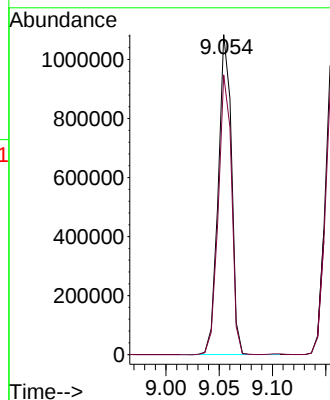
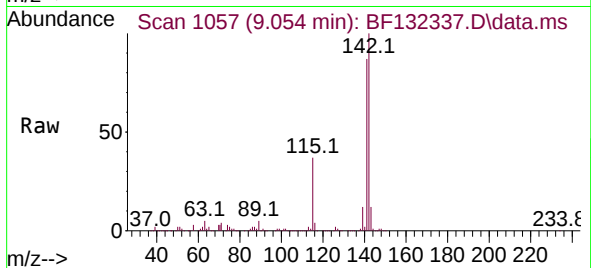
141 87.4 70.1 105.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2023

Supervised By :Jagrut Upadhyay 02/07/2023



#38

1-Methylnaphthalene

Concen: 42.680 ng

RT: 9.154 min Scan# 1074

Delta R.T. 0.000 min

Lab File: BF132337.D

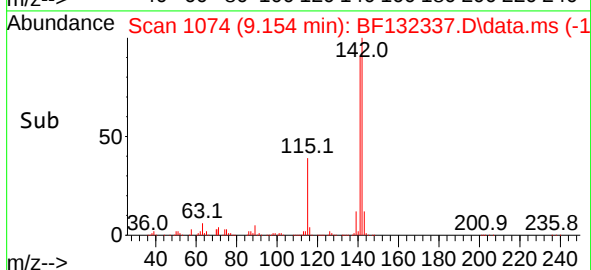
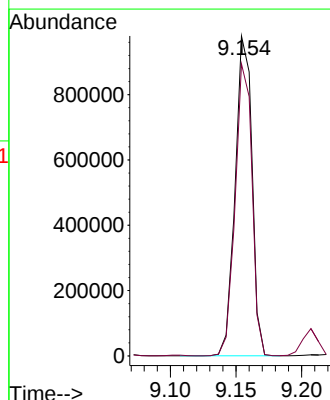
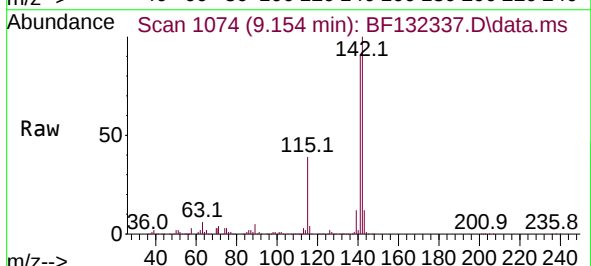
Acq: 06 Feb 2023 14:34

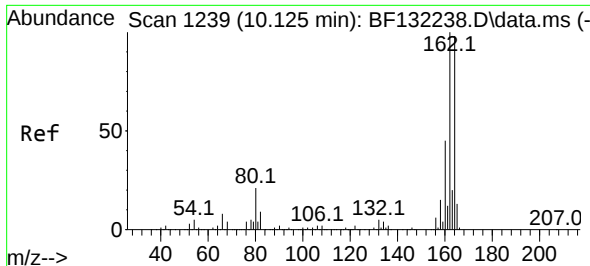
Tgt Ion:142 Resp: 873306

Ion Ratio Lower Upper

142 100

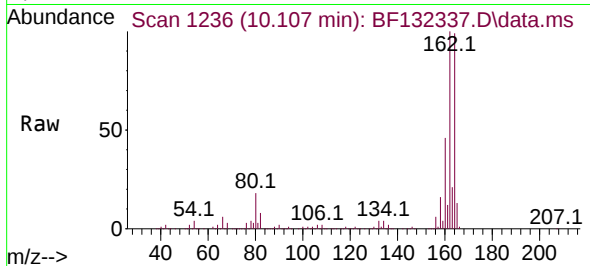
141 91.2 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

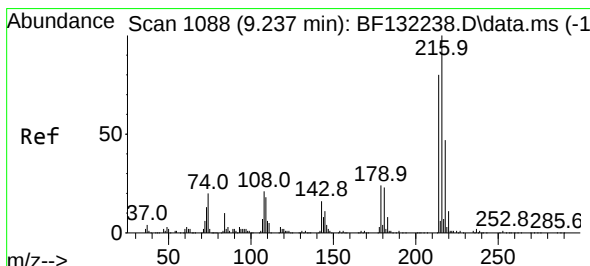
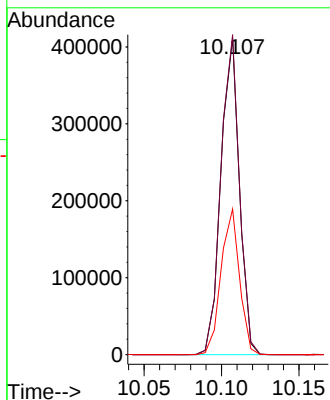
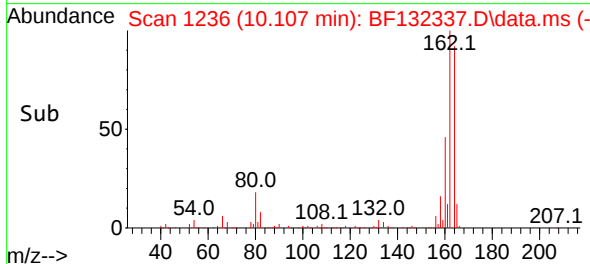
Instrument :
BNA_F
ClientSampleId :
PB150684BS



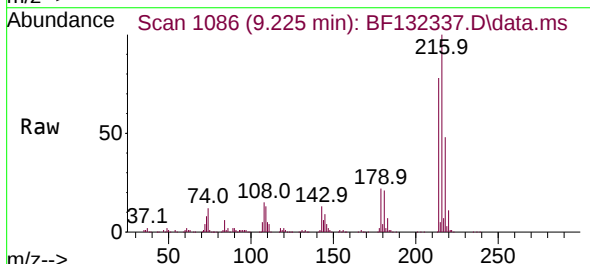
Tgt Ion:164 Resp: 340524
Ion Ratio Lower Upper
164 100
162 101.1 82.0 123.0
160 46.0 37.1 55.7

Manual Integrations
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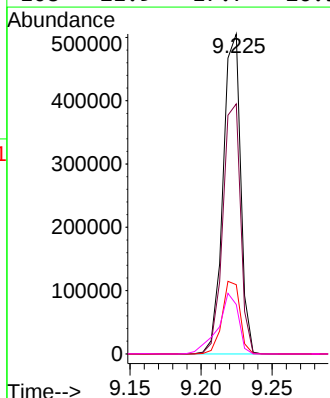
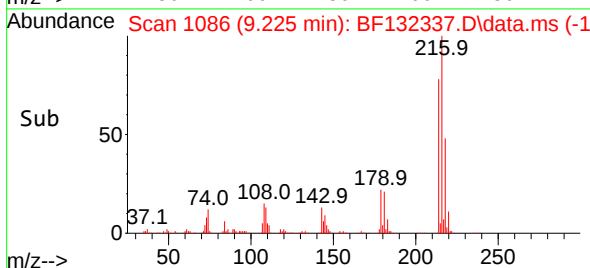
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

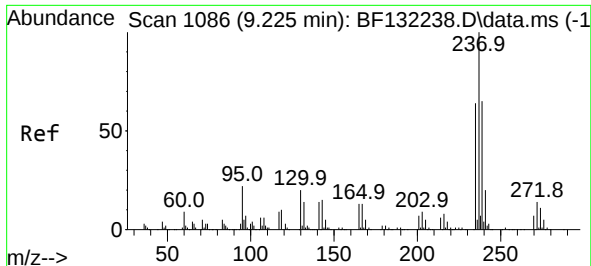


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.449 ng
RT: 9.225 min Scan# 1086
Delta R.T. 0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



Tgt Ion:216 Resp: 435524
Ion Ratio Lower Upper
216 100
214 79.0 63.6 95.4
179 22.9 18.3 27.5
108 21.9 17.7 26.5





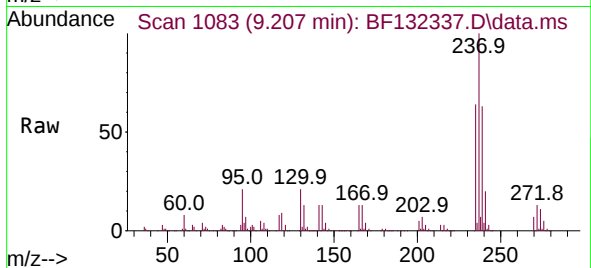
#41
Hexachlorocyclopentadiene
Concen: 95.313 ng
RT: 9.207 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

PB150684BS

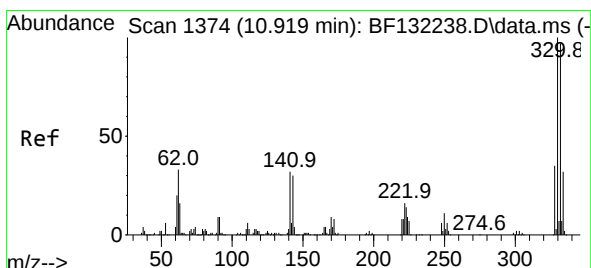
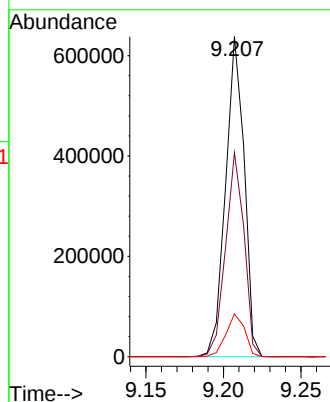
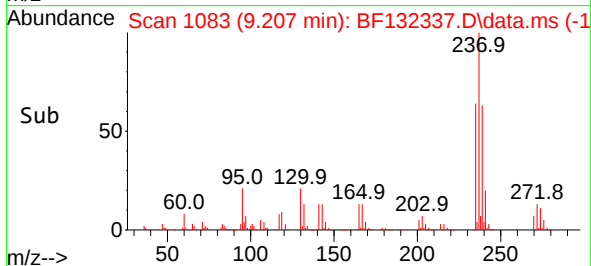


Tgt Ion: 237 Resp: 532879
Ion Ratio Lower Upper
237 100
235 63.8 43.5 83.5
272 13.3 0.0 33.6

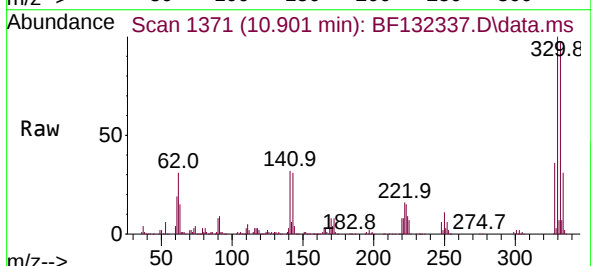
Manual Integrations

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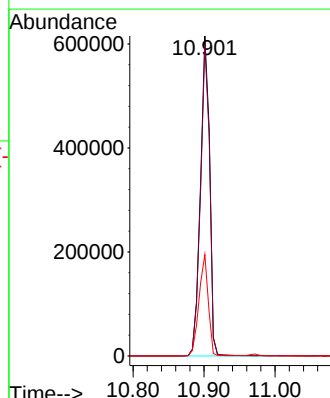
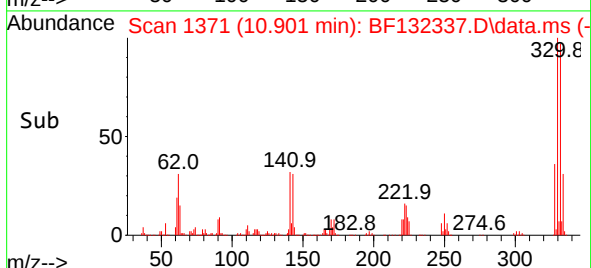
Reviewed By : Christian Giraldo 02/07/2023
Supervised By : Jagrut Upadhyay 02/07/2023

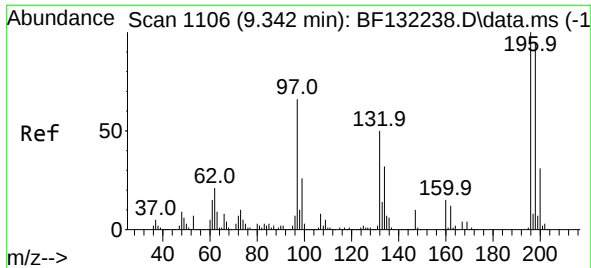


#42
2,4,6-Tribromophenol
Concen: 156.853 ng
RT: 10.901 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



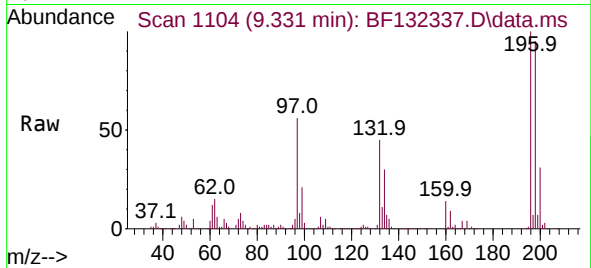
Tgt Ion: 330 Resp: 549270
Ion Ratio Lower Upper
330 100
332 96.6 77.9 116.9
141 32.0 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 45.989 ng
RT: 9.331 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

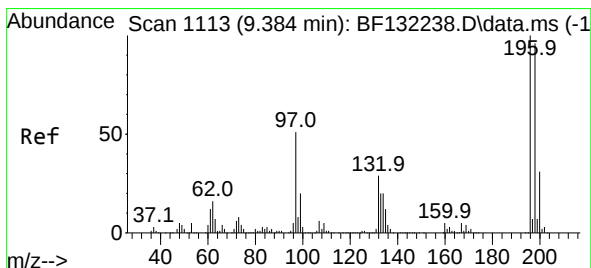
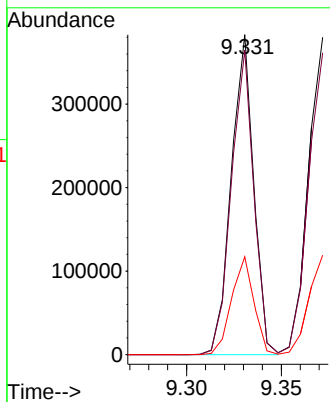
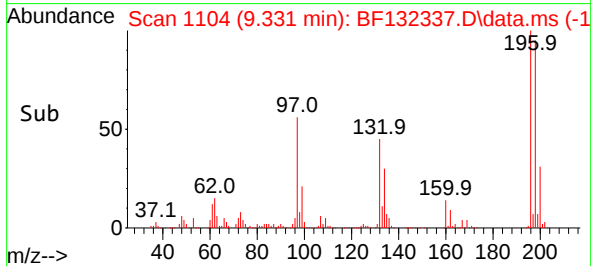
Instrument :
BNA_F
ClientSampleId :
PB150684BS



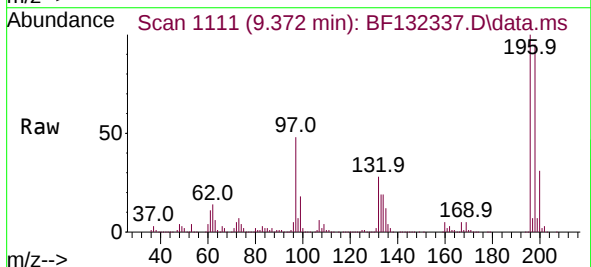
Tgt Ion:196 Resp: 315022
Ion Ratio Lower Upper
196 100
198 95.2 75.9 113.9
200 30.6 24.7 37.1

Manual Integrations
APPROVED

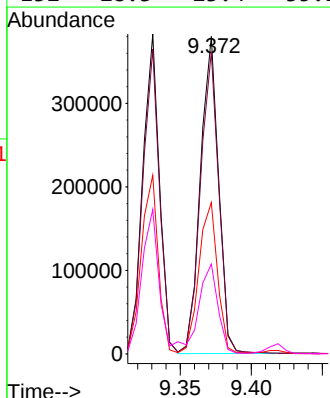
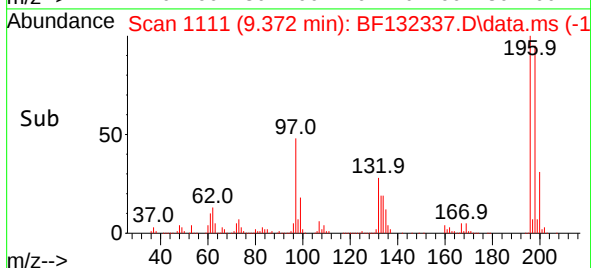
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

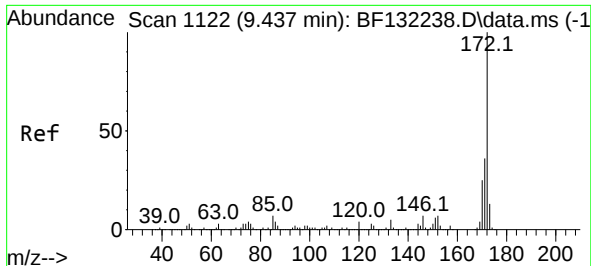


#44
2,4,5-Trichlorophenol
Concen: 42.848 ng
RT: 9.372 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



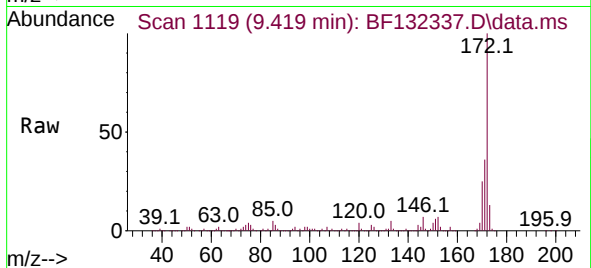
Tgt Ion:196 Resp: 337824
Ion Ratio Lower Upper
196 100
198 95.1 77.0 115.4
97 47.7 41.2 61.8
132 28.3 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 80.814 ng
RT: 9.419 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

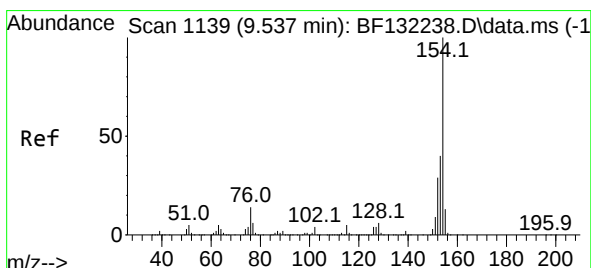
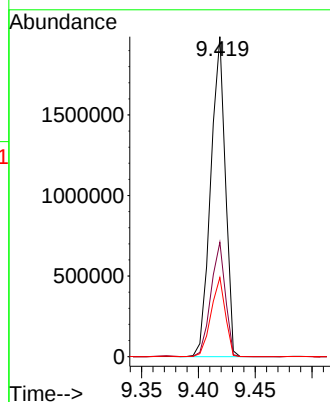
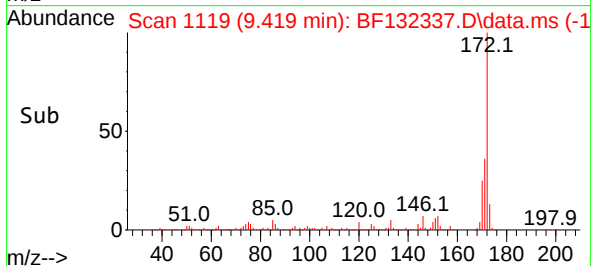
Instrument :
BNA_F
ClientSampleId :
PB150684BS



Tgt Ion:172 Resp: 1782046
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.7 19.7 29.5

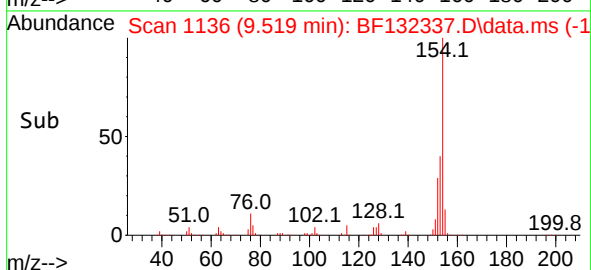
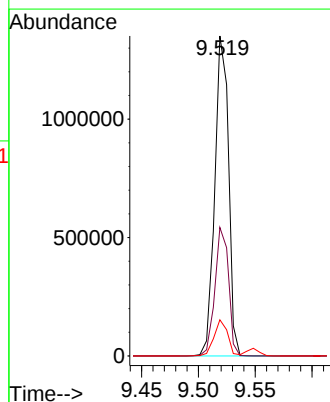
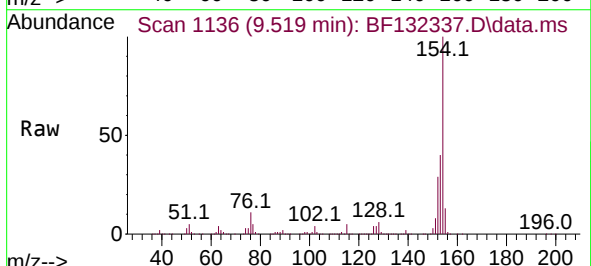
Manual Integrations
APPROVED

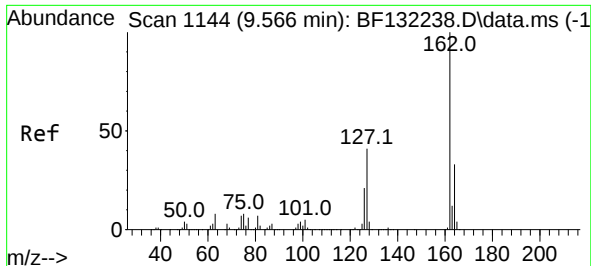
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#46
1,1'-Biphenyl
Concen: 43.322 ng
RT: 9.519 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

Tgt Ion:154 Resp: 1137303
Ion Ratio Lower Upper
154 100
153 40.1 19.9 59.9
76 11.3 0.0 34.0





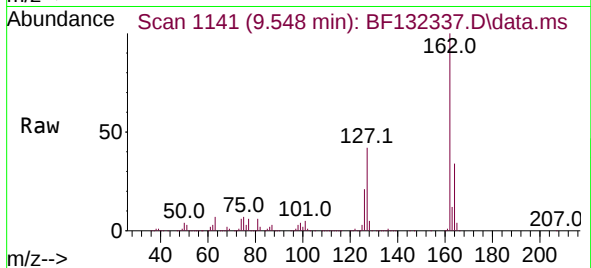
#47
2-Chloronaphthalene
Concen: 43.983 ng
RT: 9.548 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

PB150684BS

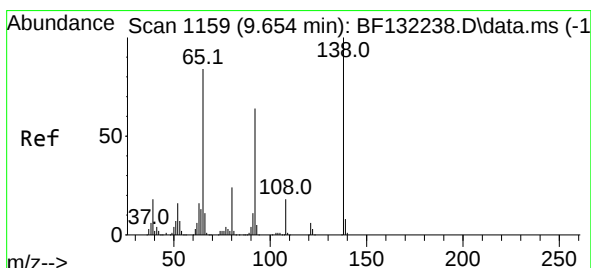
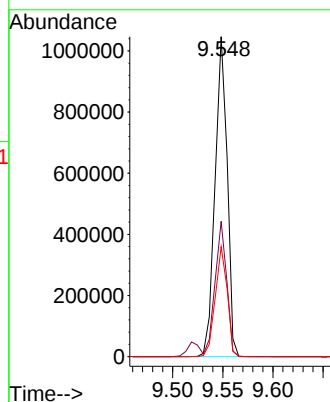
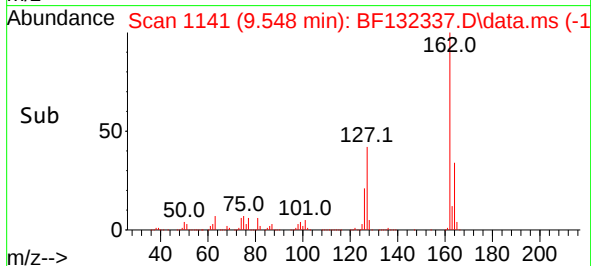


Tgt Ion:162 Resp: 879443
Ion Ratio Lower Upper
162 100
127 42.3 33.3 49.9
164 34.3 26.8 40.2

Manual Integrations

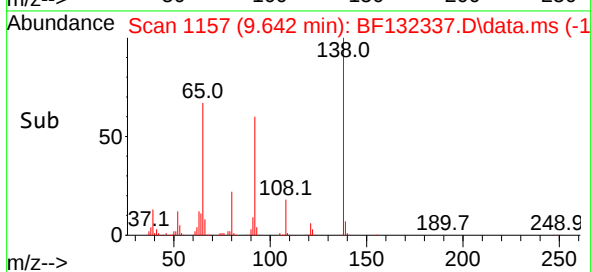
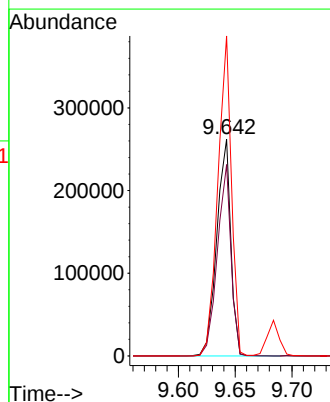
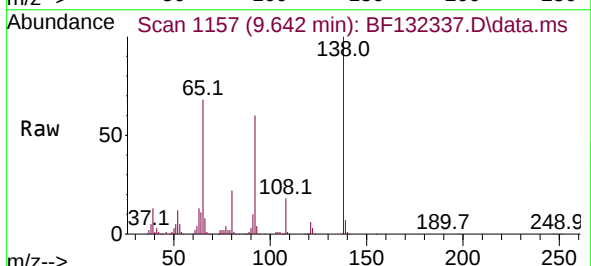
APPROVED

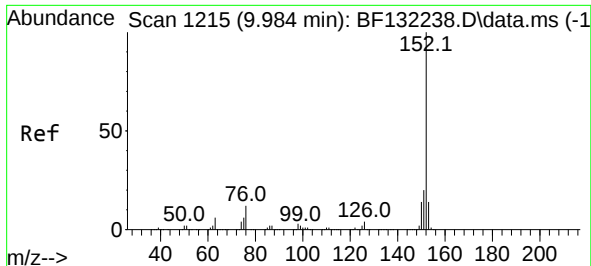
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#48
2-Nitroaniline
Concen: 37.854 ng
RT: 9.642 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

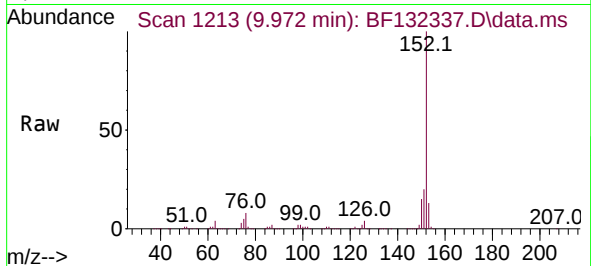
Tgt Ion: 65 Resp: 225107
Ion Ratio Lower Upper
65 100
92 88.3 61.0 91.4
138 147.7 95.0 142.4#





#49
Acenaphthylene
Concen: 42.487 ng
RT: 9.972 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

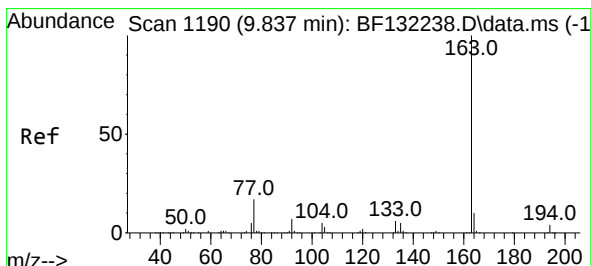
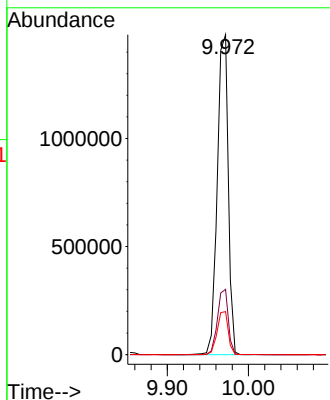
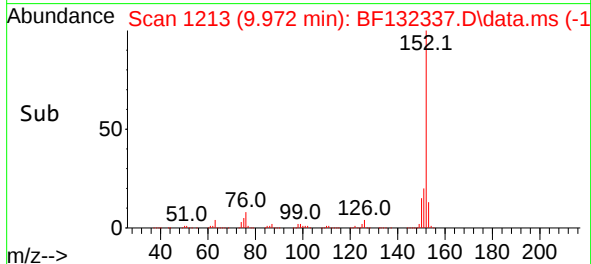
Instrument :
BNA_F
ClientSampleId :
PB150684BS



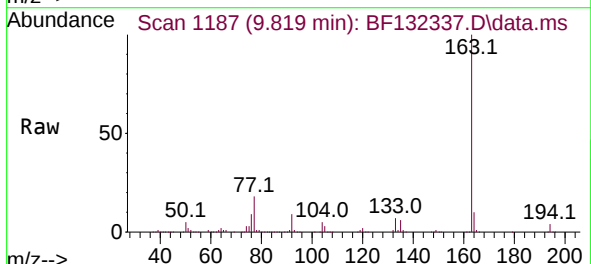
Tgt Ion:152 Resp: 1386501
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.4 10.9 16.3

Manual Integrations
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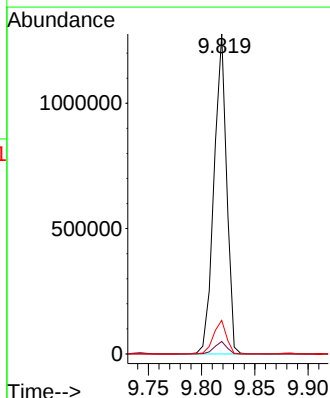
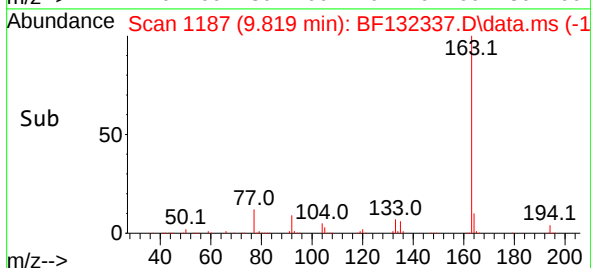
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

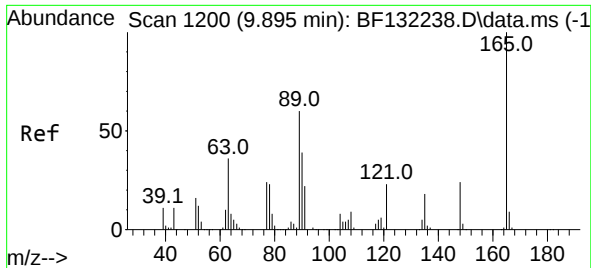


#50
Dimethylphthalate
Concen: 44.342 ng
RT: 9.819 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



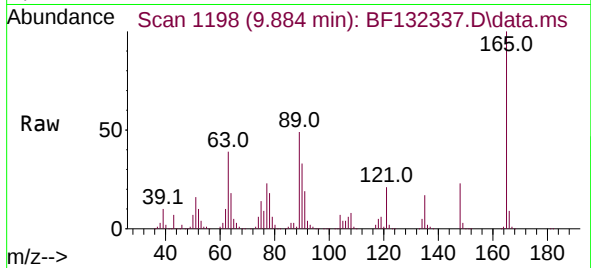
Tgt Ion:163 Resp: 1056222
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.5 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 46.095 ng
RT: 9.884 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

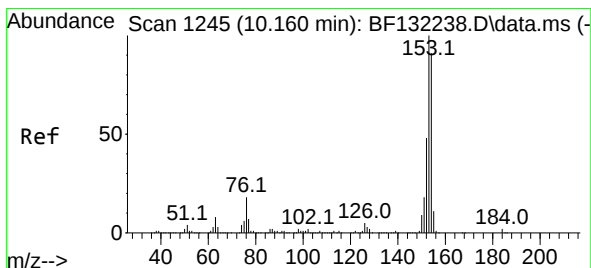
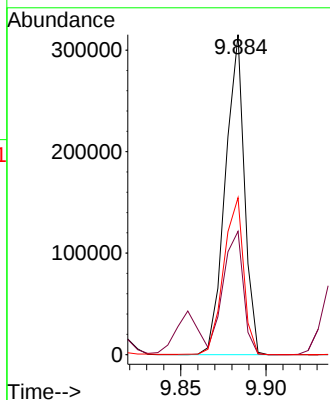
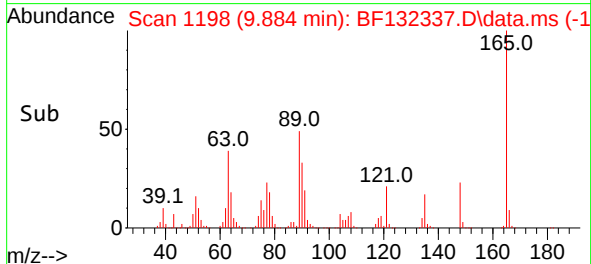
Instrument :
BNA_F
ClientSampleId :
PB150684BS



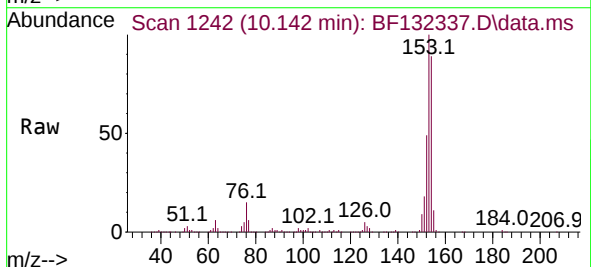
Tgt Ion:165 Resp: 245218
Ion Ratio Lower Upper
165 100
63 38.5 41.5 62.3
89 49.0 48.1 72.1

Manual Integrations
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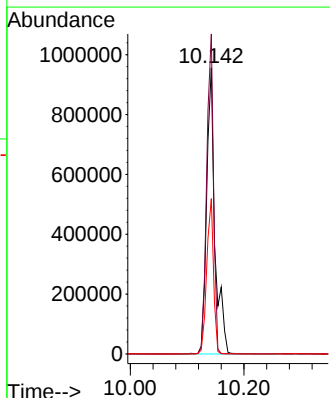
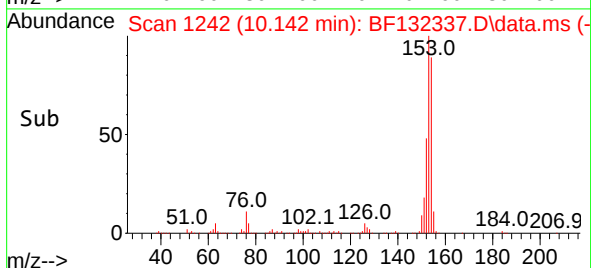
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

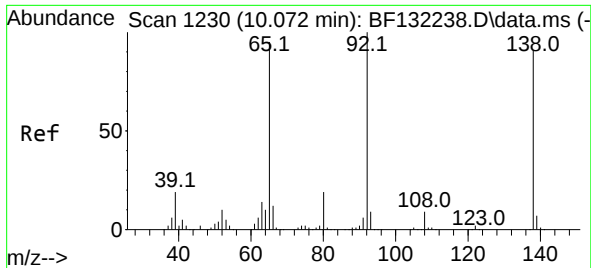


#52
Acenaphthene
Concen: 47.971 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



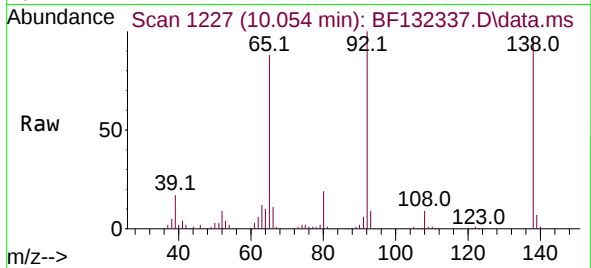
Tgt Ion:154 Resp: 980082
Ion Ratio Lower Upper
154 100
153 111.8 88.3 132.5
152 54.3 42.7 64.1





#53
3-Nitroaniline
Concen: 30.425 ng
RT: 10.054 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

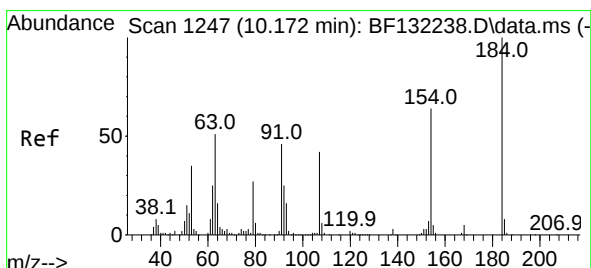
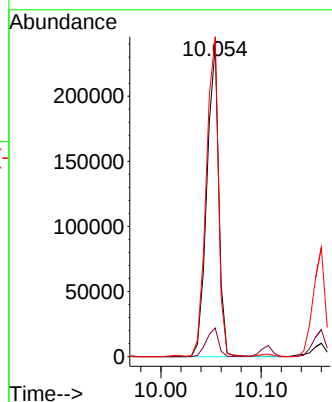
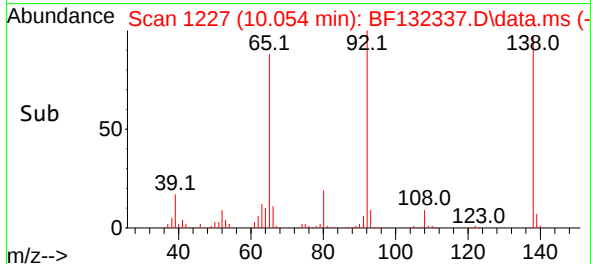
Instrument :
BNA_F
ClientSampleId :
PB150684BS



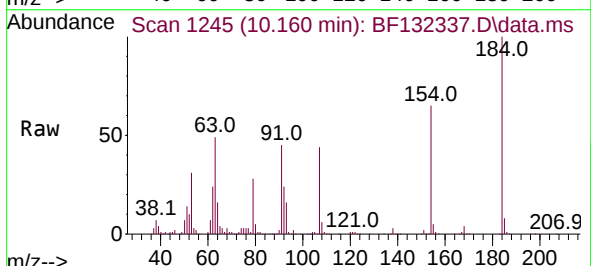
Tgt Ion:138 Resp: 196284
Ion Ratio Lower Upper
138 100
108 9.2 7.6 11.4
92 102.9 88.3 132.5

Manual Integrations
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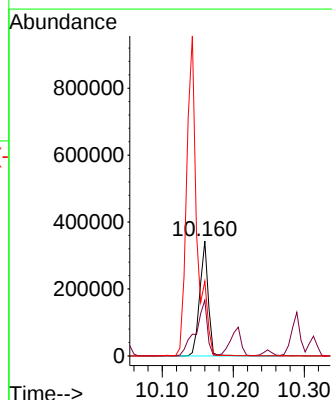
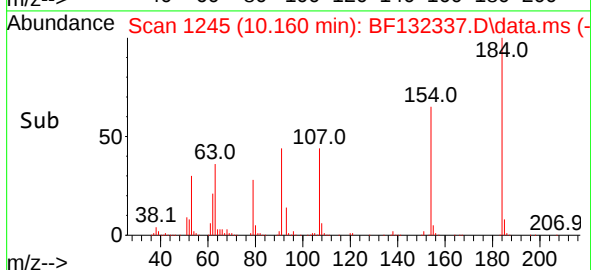
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

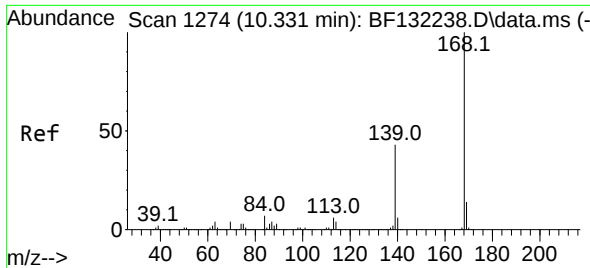


#54
2,4-Dinitrophenol
Concen: 91.932 ng
RT: 10.160 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



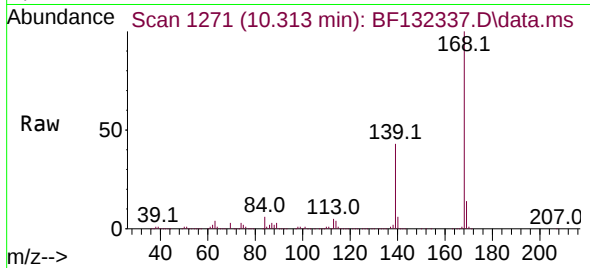
Tgt Ion:184 Resp: 285601
Ion Ratio Lower Upper
184 100
63 48.5 41.6 62.4
154 65.1 57.0 85.6





#55
Dibenzofuran
Concen: 42.631 ng
RT: 10.313 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

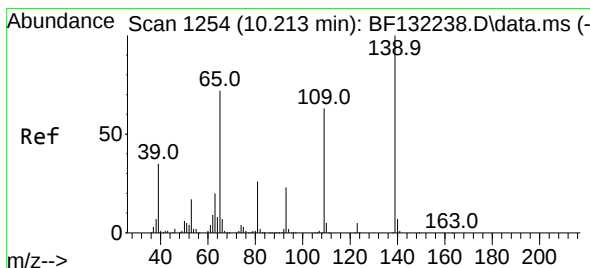
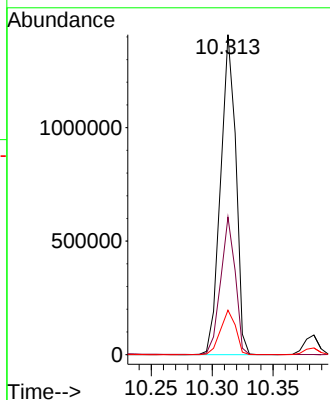
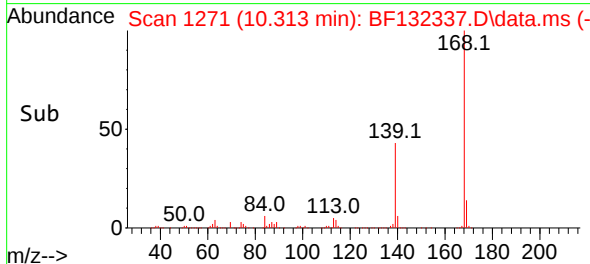
Instrument :
BNA_F
ClientSampleId :
PB150684BS



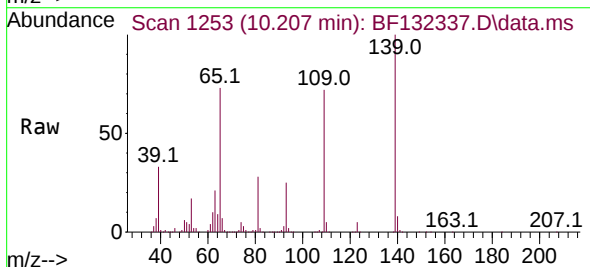
Tgt Ion:168 Resp: 1223746
Ion Ratio Lower Upper
168 100
139 43.0 34.2 51.4
169 13.9 11.2 16.8

Manual Integrations
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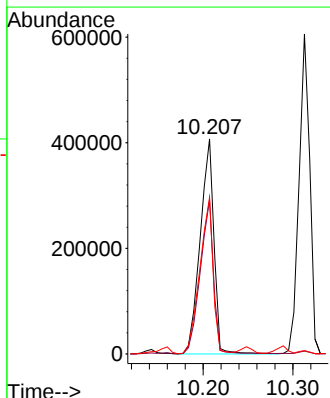
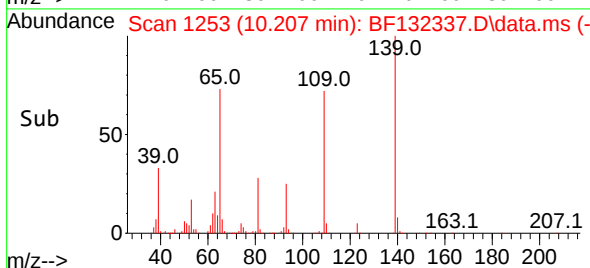
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

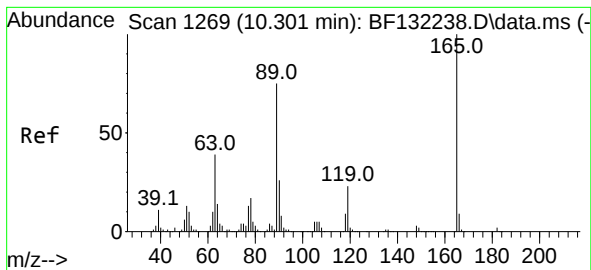


#56
4-Nitrophenol
Concen: 89.285 ng
RT: 10.207 min Scan# 1253
Delta R.T. 0.012 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



Tgt Ion:139 Resp: 433457
Ion Ratio Lower Upper
139 100
109 71.7 43.3 83.3
65 72.8 52.3 92.3





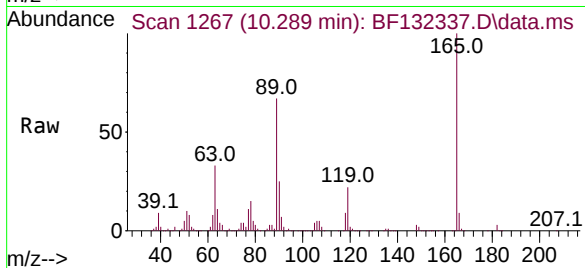
#57
2,4-Dinitrotoluene
Concen: 47.820 ng
RT: 10.289 min Scan# 1267
Delta R.T. 0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

PB150684BS

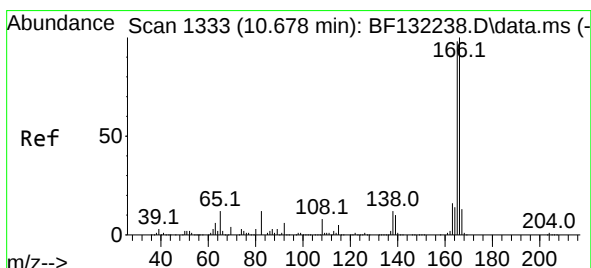
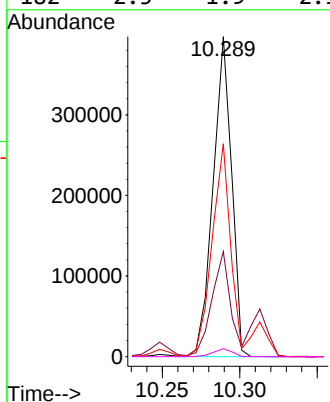
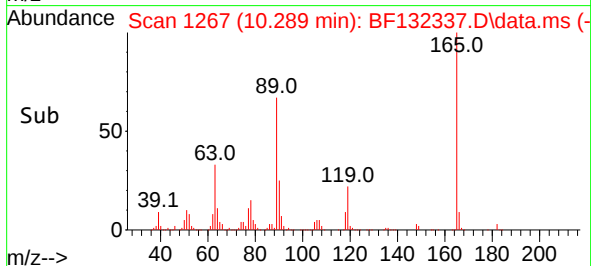


Tgt Ion:165 Resp: 330458
Ion Ratio Lower Upper
165 100
63 32.8 30.9 46.3
89 66.5 60.1 90.1
182 2.5 1.9 2.9

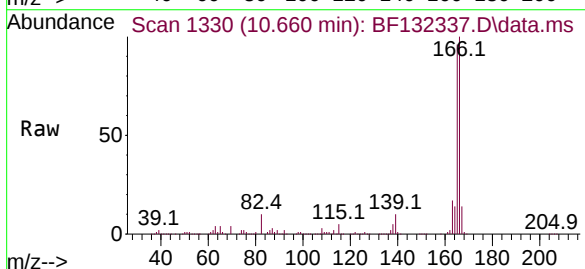
Manual Integrations

APPROVED

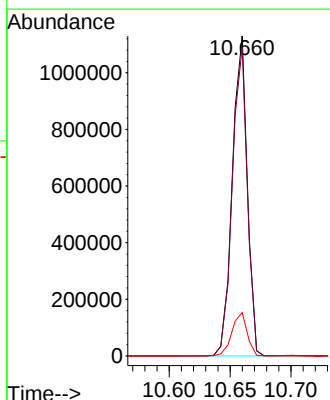
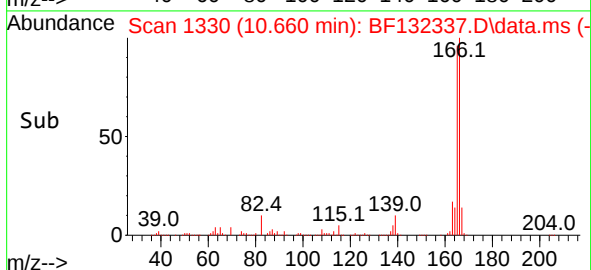
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

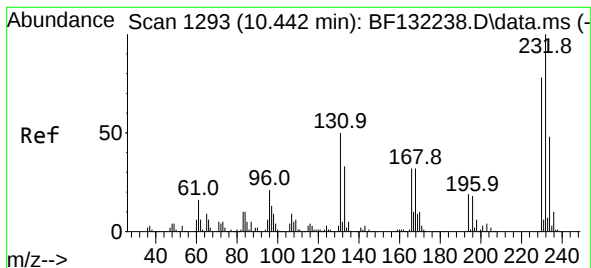


#58
Fluorene
Concen: 43.723 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



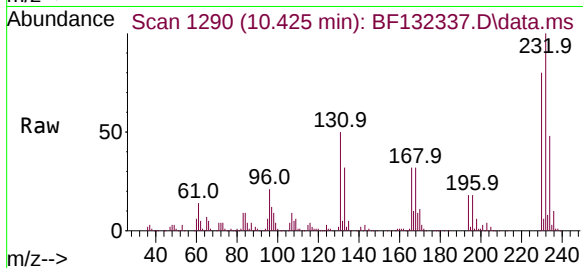
Tgt Ion:166 Resp: 965938
Ion Ratio Lower Upper
166 100
165 96.5 78.0 117.0
167 13.6 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.400 ng
RT: 10.425 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

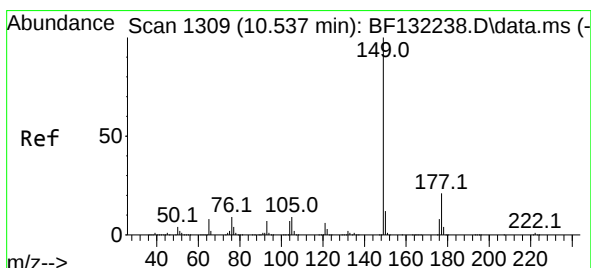
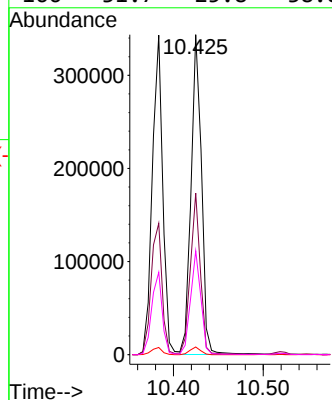
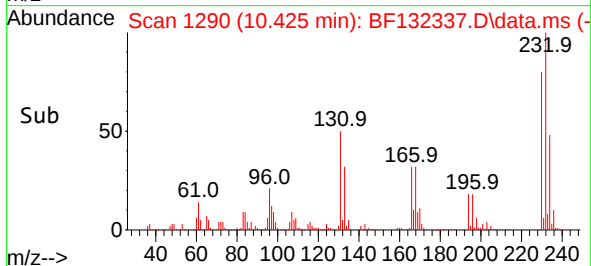
Instrument :
BNA_F
ClientSampleId :
PB150684BS



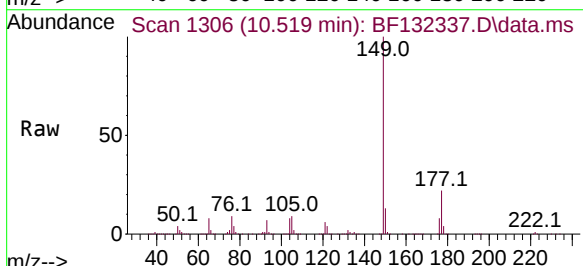
Tgt Ion:232 Resp: 278194
Ion Ratio Lower Upper
232 100
131 48.0 40.6 61.0
130 2.4 1.9 2.9
166 31.7 25.8 38.8

Manual Integrations
APPROVED

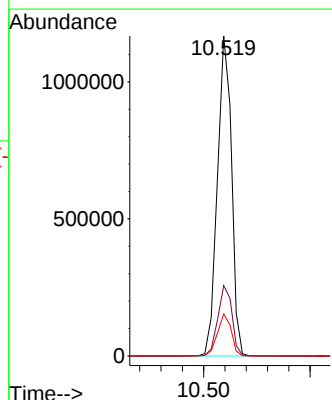
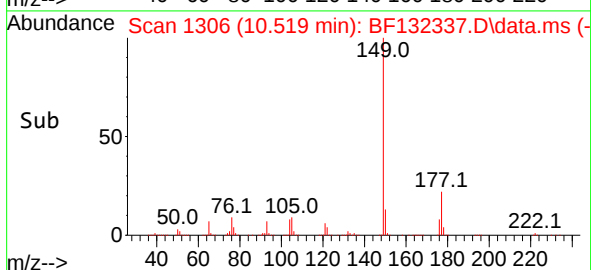
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

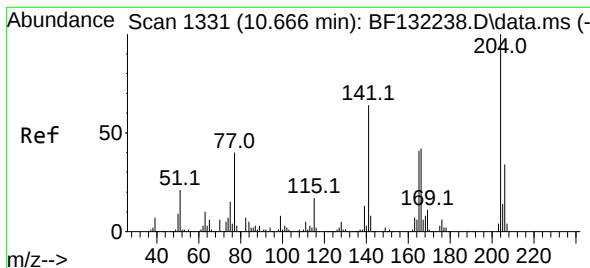


#60
Diethylphthalate
Concen: 45.431 ng
RT: 10.519 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



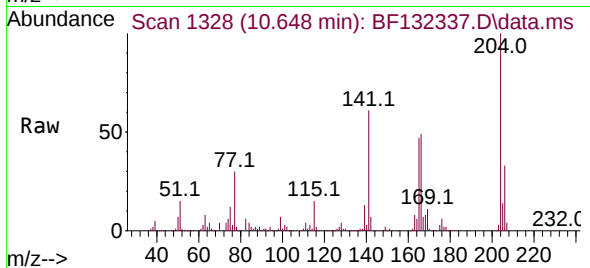
Tgt Ion:149 Resp: 1076551
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 13.1 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.933 ng
RT: 10.648 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

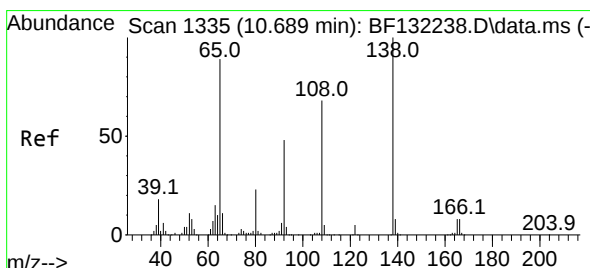
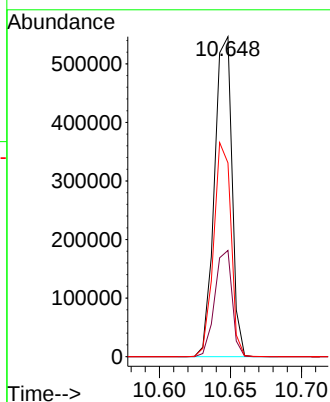
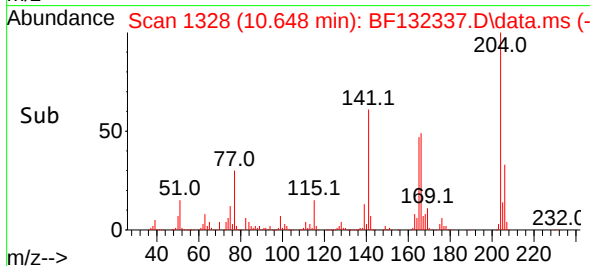
Instrument :
BNA_F
ClientSampleId :
PB150684BS



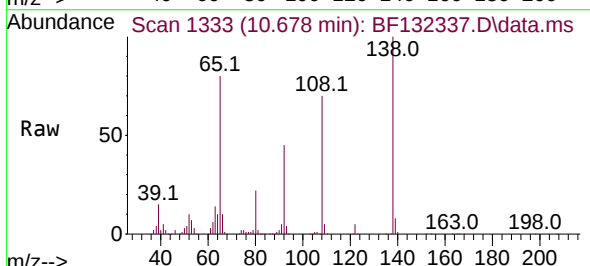
Tgt Ion:204 Resp: 471102
Ion Ratio Lower Upper
204 100
206 33.2 26.8 40.2
141 60.5 51.4 77.0

Manual Integrations
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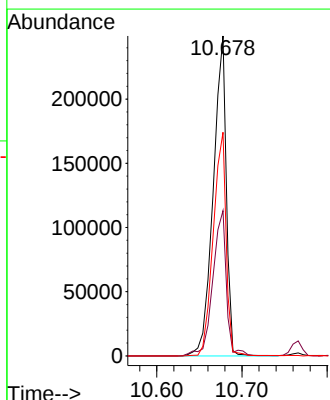
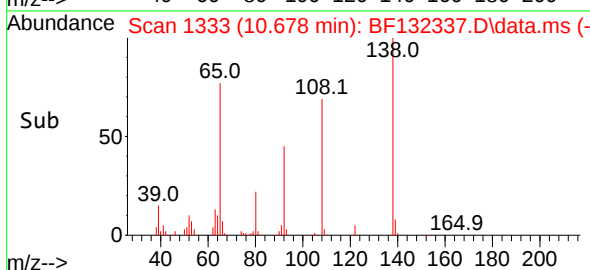
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

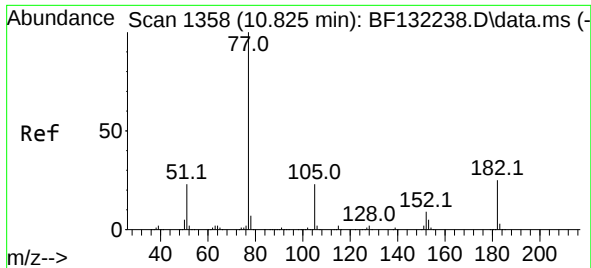


#62
4-Nitroaniline
Concen: 42.881 ng
RT: 10.678 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



Tgt Ion:138 Resp: 265289
Ion Ratio Lower Upper
138 100
92 45.4 27.7 67.7
108 69.9 48.5 88.5





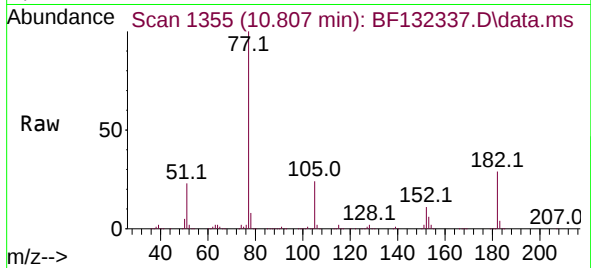
#63
Azobenzene
Concen: 38.591 ng
RT: 10.807 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

PB150684BS

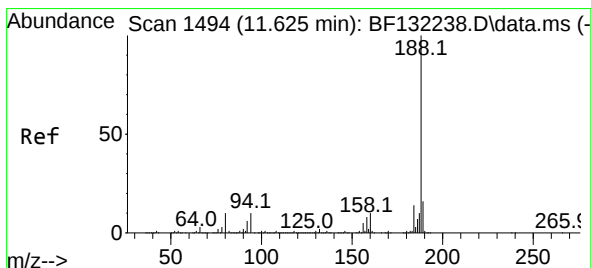
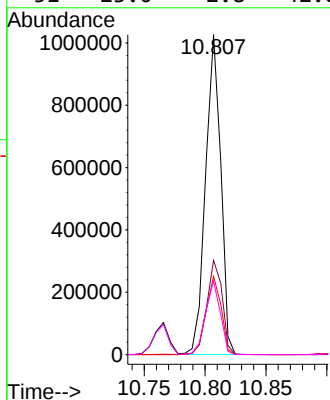
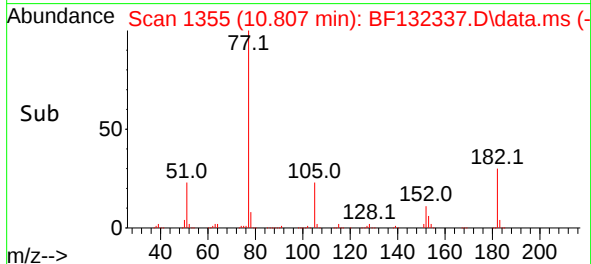


Tgt Ion: 77 Resp: 890749
Ion Ratio Lower Upper
77 100
182 29.5 4.5 44.5
105 24.4 2.7 42.7
51 23.0 2.8 42.8

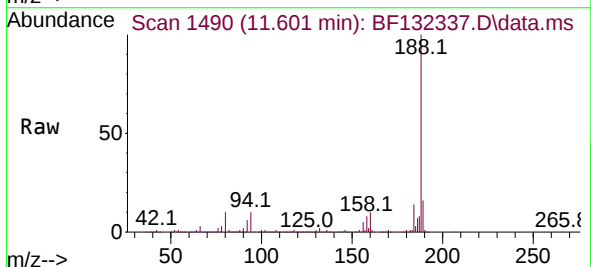
Manual Integrations

APPROVED

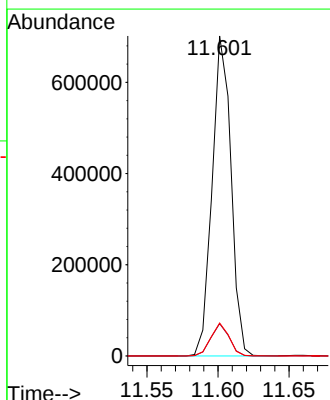
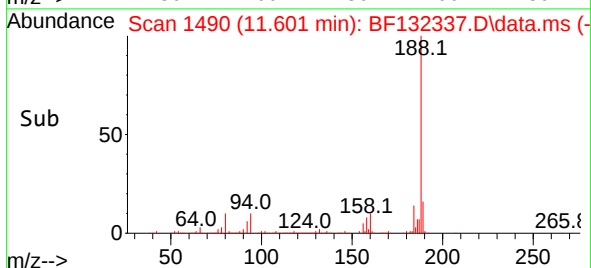
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

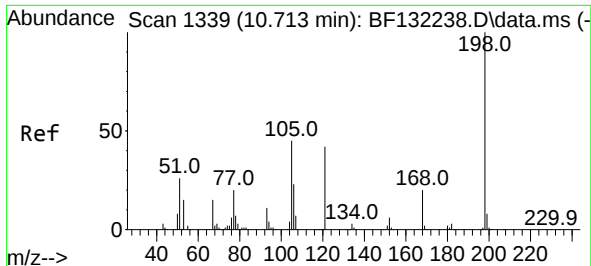


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.601 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



Tgt Ion:188 Resp: 649831
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 10.3 8.3 12.5





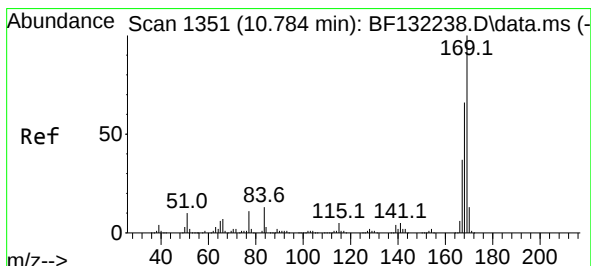
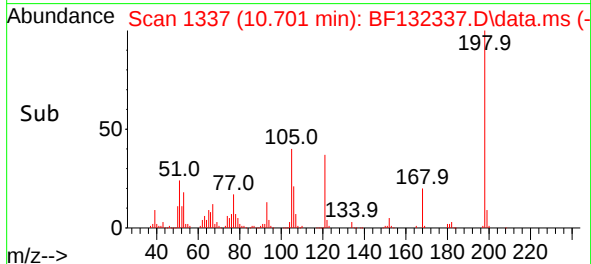
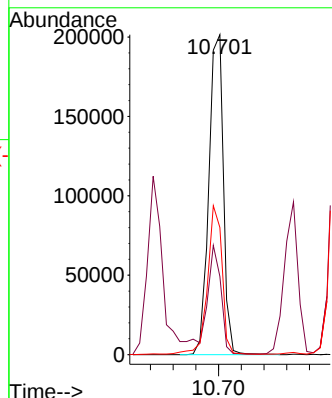
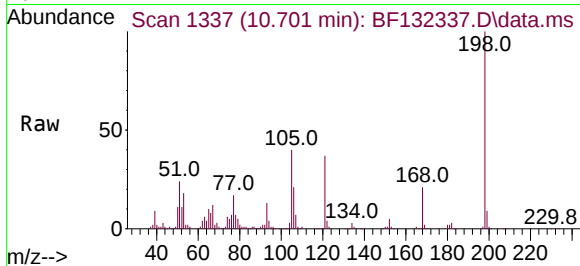
#65
4,6-Dinitro-2-methylphenol
Concen: 48.742 ng
RT: 10.701 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

Instrument :
BNA_F
ClientSampleId :
PB150684BS

Tgt Ion:198 Resp: 179768
Ion Ratio Lower Upper
198 100
51 24.5 13.1 53.1
105 39.8 26.0 66.0

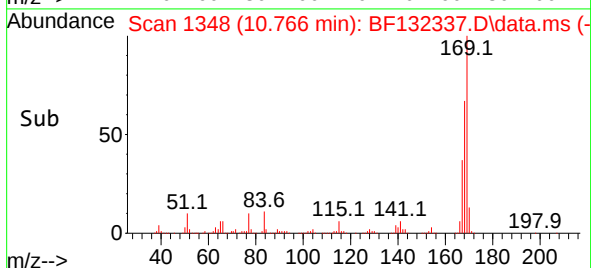
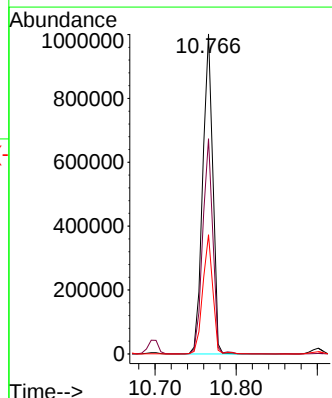
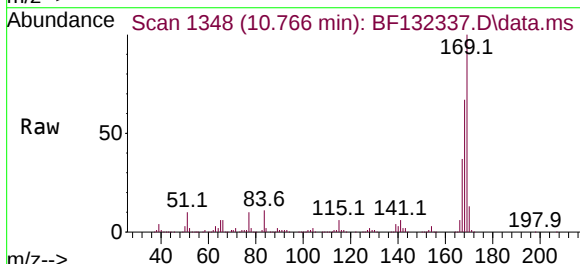
Manual Integrations
APPROVED

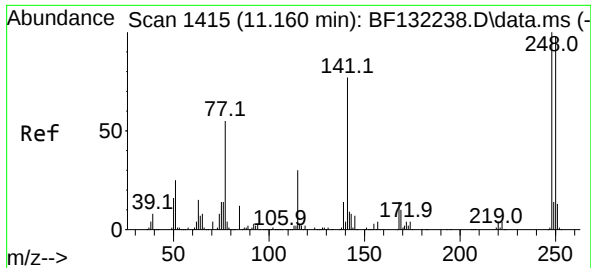
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#66
n-Nitrosodiphenylamine
Concen: 42.156 ng
RT: 10.766 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

Tgt Ion:169 Resp: 857803
Ion Ratio Lower Upper
169 100
168 67.2 52.6 79.0
167 37.2 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 45.894 ng
RT: 11.142 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

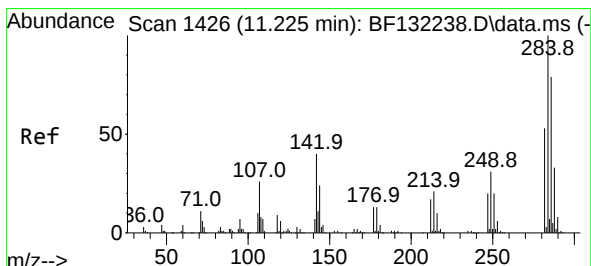
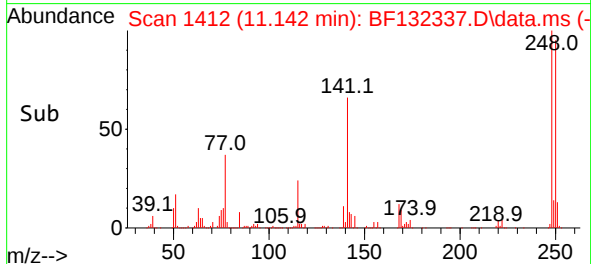
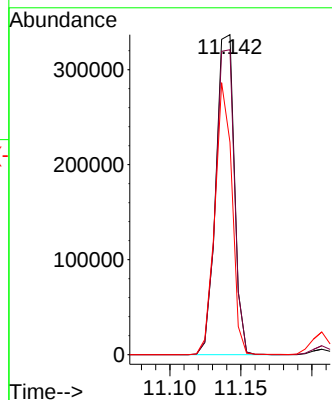
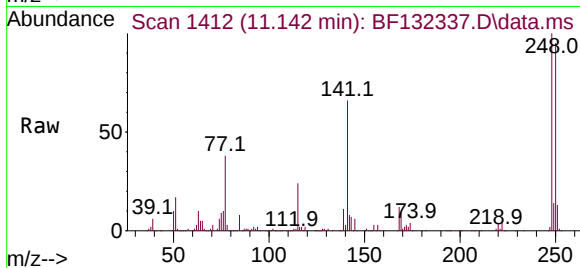
PB150684BS

Tgt Ion:248 Resp: 305389
Ion Ratio Lower Upper
248 100
250 95.3 78.6 117.8
141 66.4 61.6 92.4

Manual Integrations

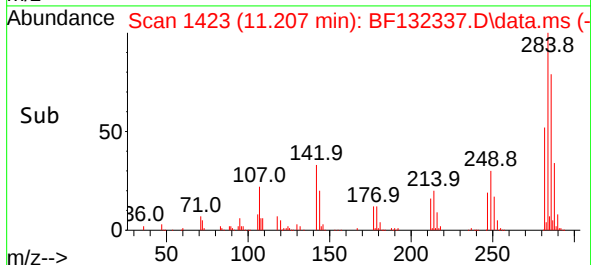
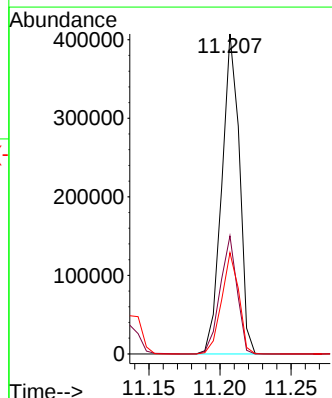
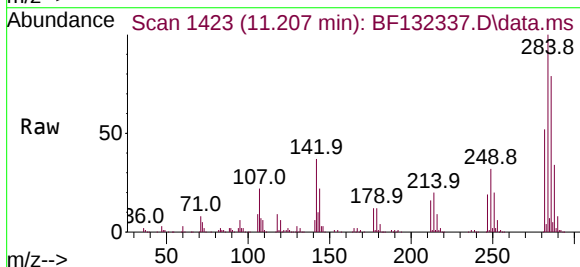
APPROVED

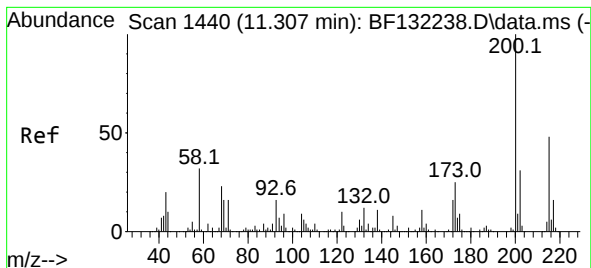
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#68
Hexachlorobenzene
Concen: 49.480 ng
RT: 11.207 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

Tgt Ion:284 Resp: 351919
Ion Ratio Lower Upper
284 100
142 36.9 32.2 48.4
249 31.6 25.0 37.6





#69

Atrazine

Concen: 51.259 ng

RT: 11.289 min Scan# 1437

Delta R.T. 0.000 min

Lab File: BF132337.D

Acq: 06 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

PB150684BS

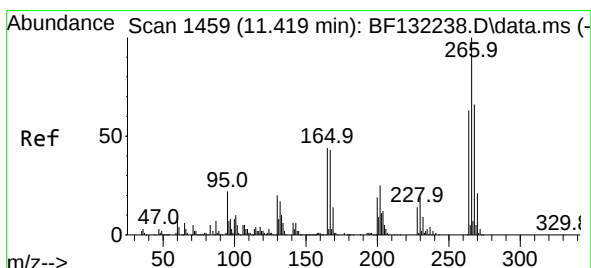
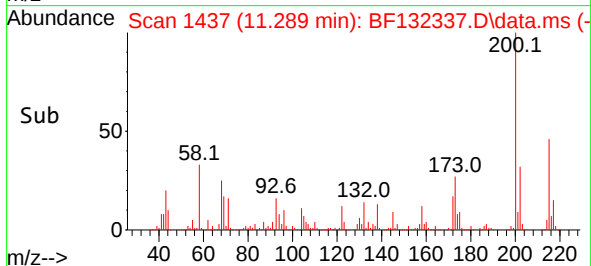
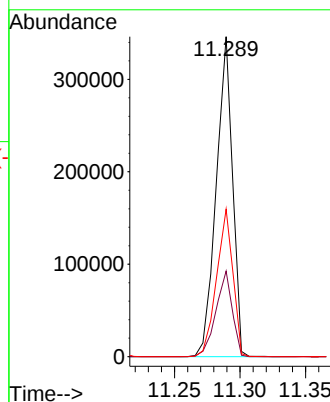
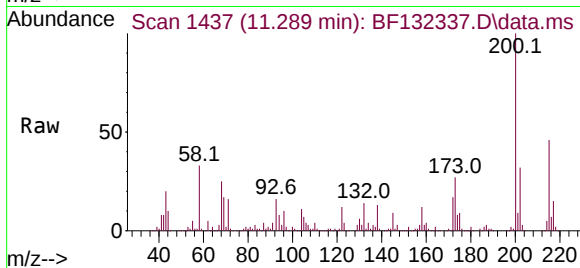
Tgt Ion:200 Resp: 300014

Ion	Ratio	Lower	Upper
200	100		
173	26.7	5.1	45.1
215	46.1	27.6	67.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#70

Pentachlorophenol

Concen: 83.442 ng

RT: 11.401 min Scan# 1456

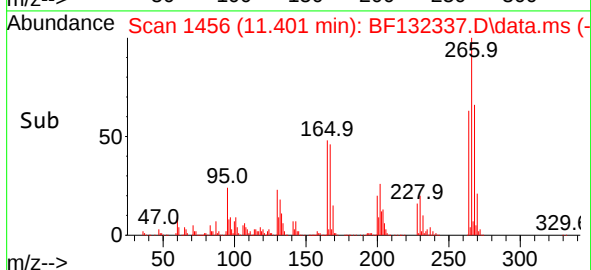
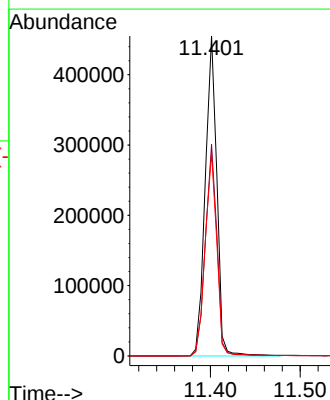
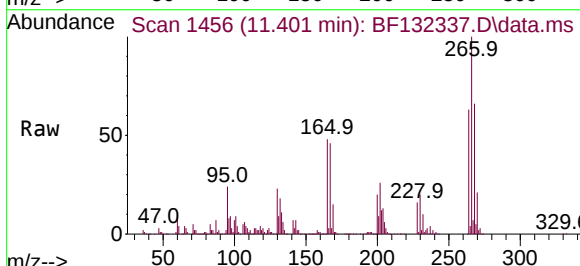
Delta R.T. 0.000 min

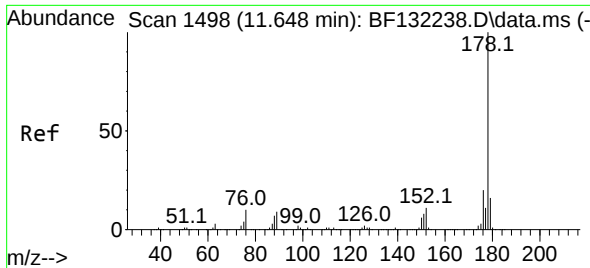
Lab File: BF132337.D

Acq: 06 Feb 2023 14:34

Tgt Ion:266 Resp: 407764

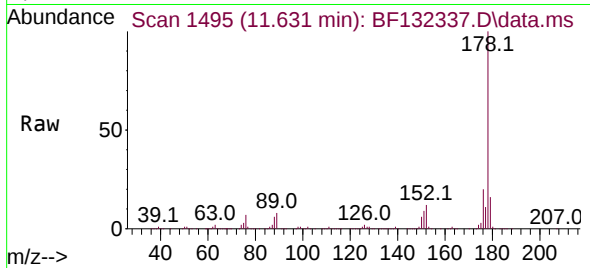
Ion	Ratio	Lower	Upper
266	100		
268	66.1	53.0	79.4
264	63.4	50.5	75.7





#71
Phenanthrene
Concen: 43.196 ng
RT: 11.631 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

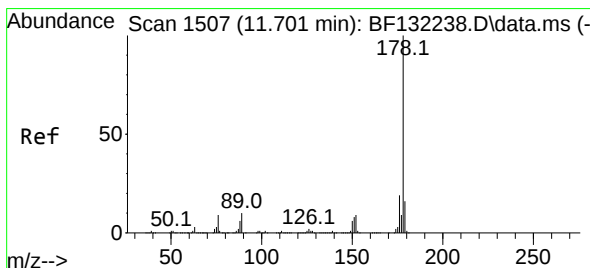
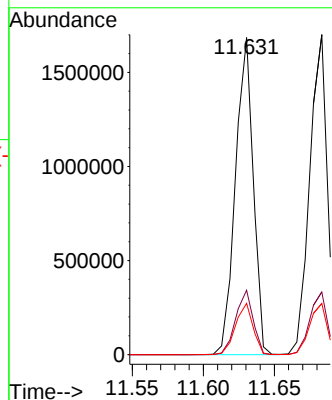
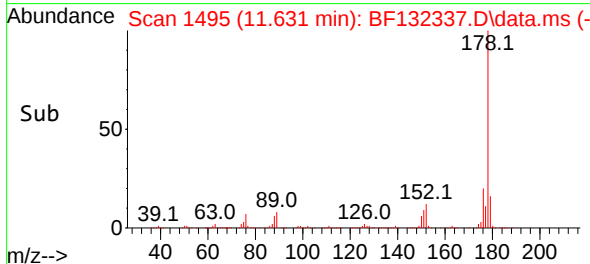
Instrument :
BNA_F
ClientSampleId :
PB150684BS



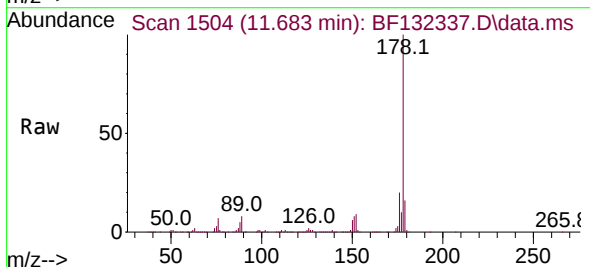
Tgt Ion:178 Resp: 1466816
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.2 12.8 19.2

Manual Integrations
APPROVED

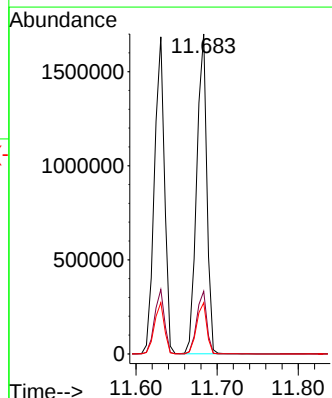
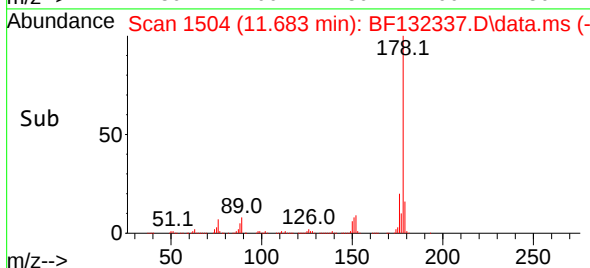
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

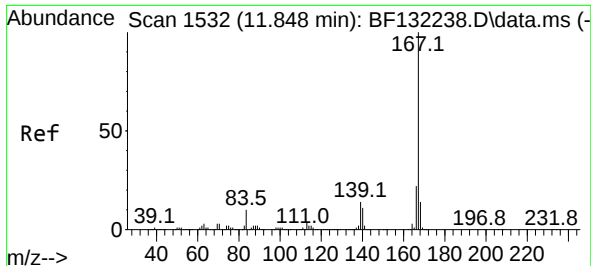


#72
Anthracene
Concen: 42.464 ng
RT: 11.683 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



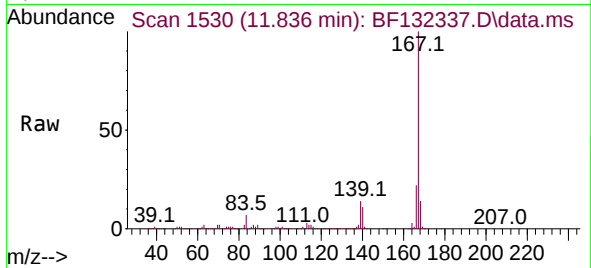
Tgt Ion:178 Resp: 1467468
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 16.0 12.8 19.2





#73
 Carbazole
 Concen: 42.936 ng
 RT: 11.836 min Scan# 1530
 Delta R.T. 0.006 min
 Lab File: BF132337.D
 Acq: 06 Feb 2023 14:34

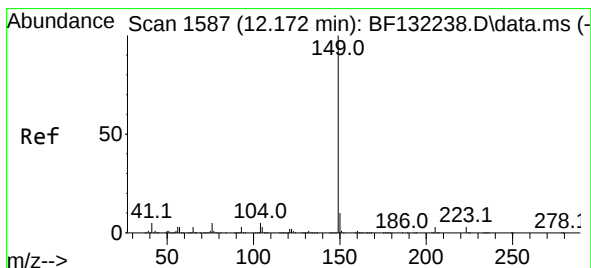
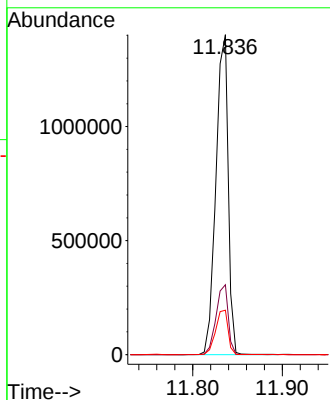
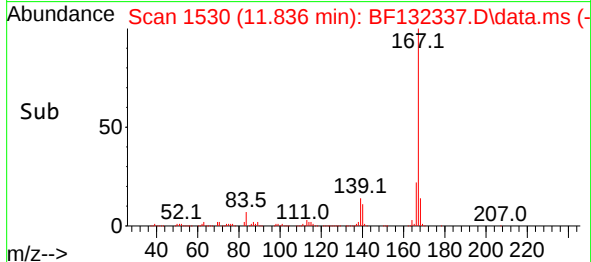
Instrument :
 BNA_F
 ClientSampleId :
 PB150684BS



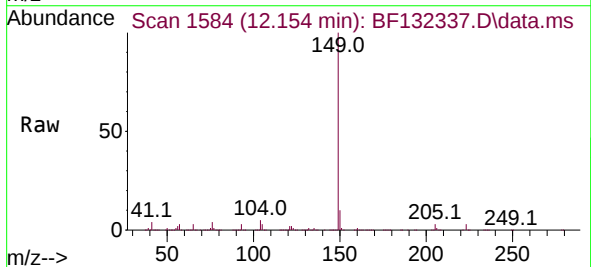
Tgt Ion:167 Resp: 1330427
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.9 11.4 17.2

Manual Integrations
 APPROVED

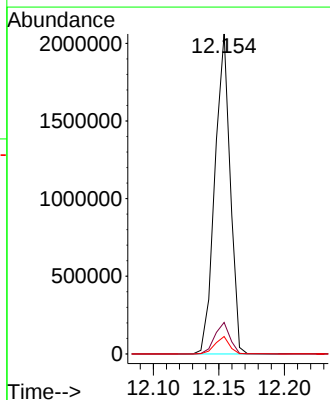
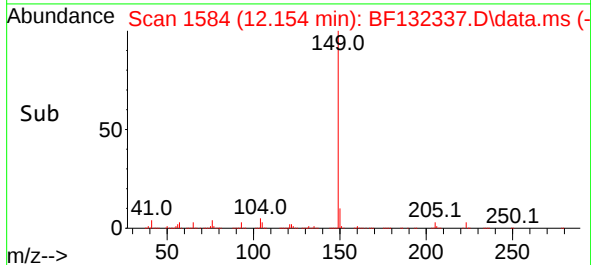
Reviewed By :Christian Giraldo 02/07/2023
 Supervised By :Jagrut Upadhyay 02/07/2023

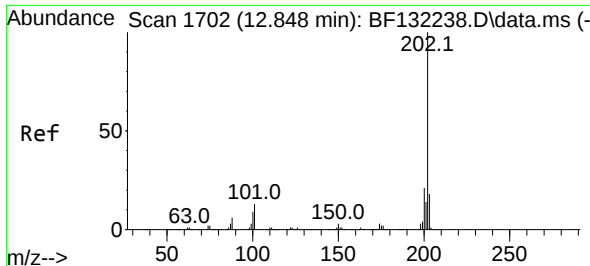


#74
 Di-n-butylphthalate
 Concen: 45.837 ng
 RT: 12.154 min Scan# 1584
 Delta R.T. 0.000 min
 Lab File: BF132337.D
 Acq: 06 Feb 2023 14:34



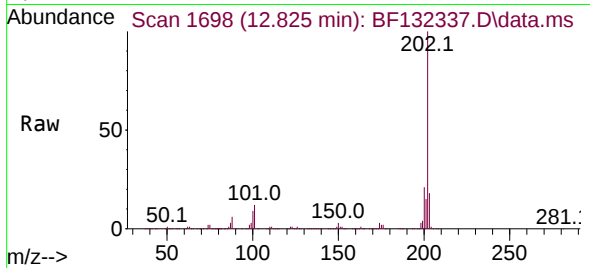
Tgt Ion:149 Resp: 1679143
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 43.775 ng
RT: 12.825 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

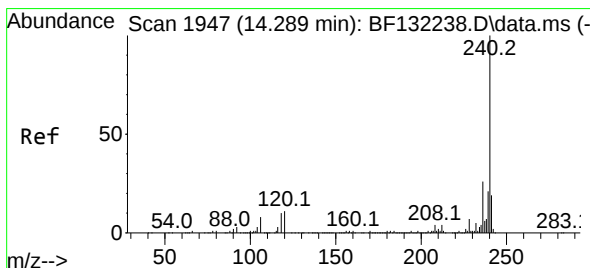
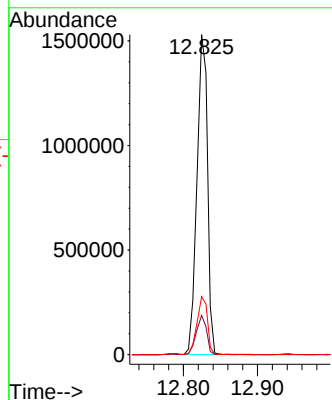
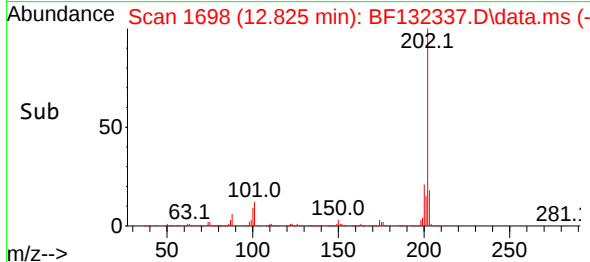
Instrument :
BNA_F
ClientSampleId :
PB150684BS



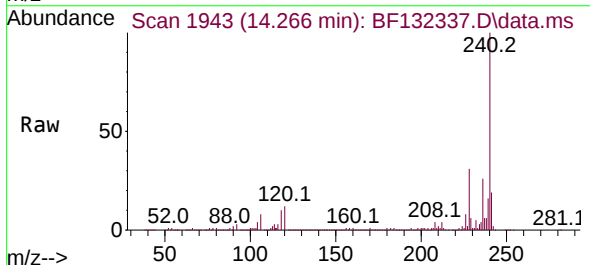
Tgt Ion:202 Resp: 151690
Ion Ratio Lower Upper
202 100
101 12.2 0.0 32.7
203 18.1 0.0 37.9

Manual Integrations
APPROVED

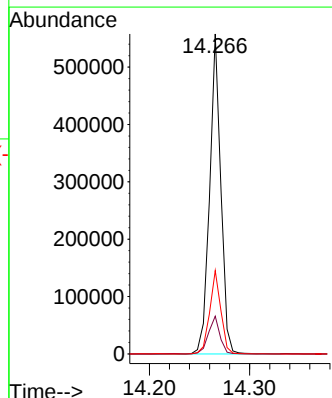
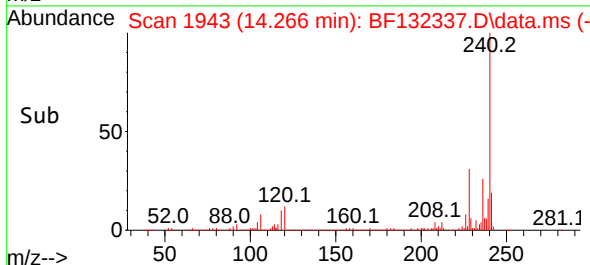
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

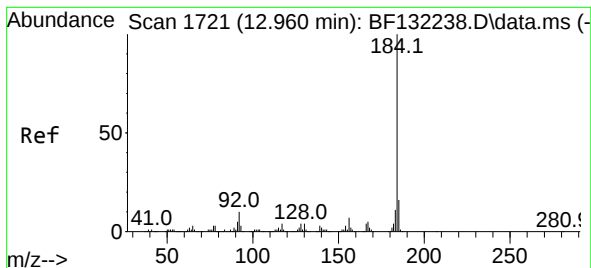


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.266 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



Tgt Ion:240 Resp: 429985
Ion Ratio Lower Upper
240 100
120 11.8 8.8 13.2
236 26.0 21.0 31.6





#77

Benzidine

Concen: 32.120 ng

RT: 12.942 min Scan# 1718

Delta R.T. 0.000 min

Lab File: BF132337.D

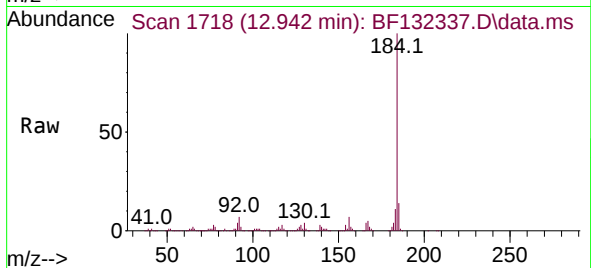
Acq: 06 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

PB150684BS



Tgt Ion:184 Resp: 482853

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

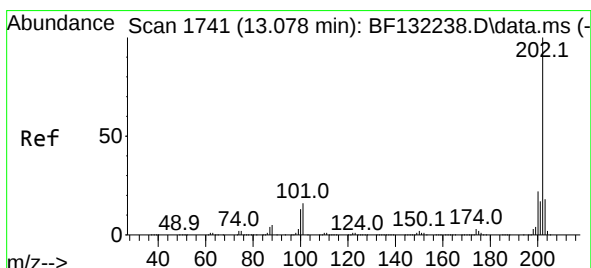
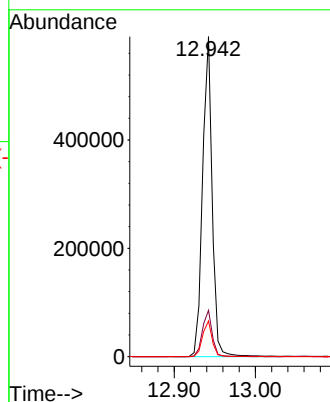
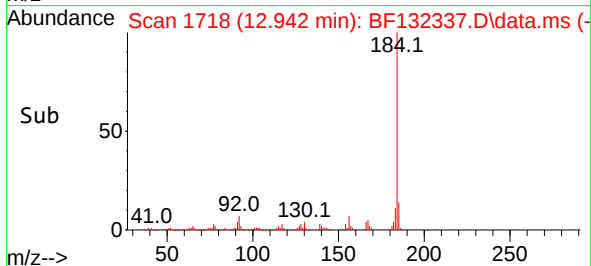
183 11.1 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2023

Supervised By :Jagrut Upadhyay 02/07/2023



#78

Pyrene

Concen: 44.424 ng

RT: 13.060 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BF132337.D

Acq: 06 Feb 2023 14:34

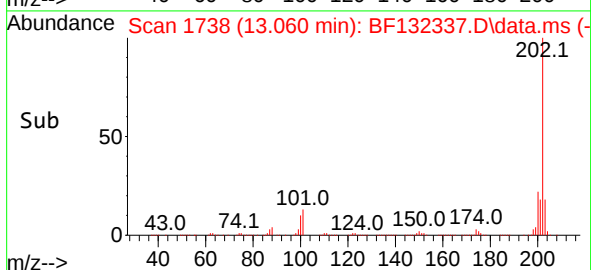
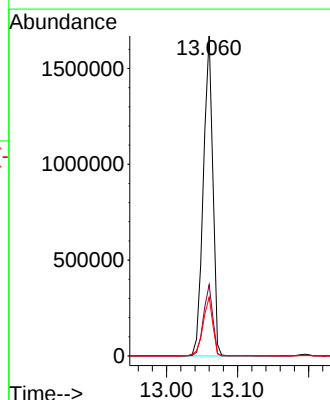
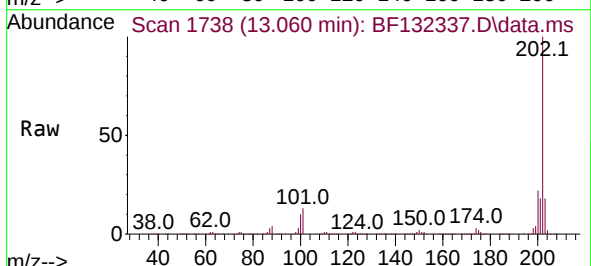
Tgt Ion:202 Resp: 1536347

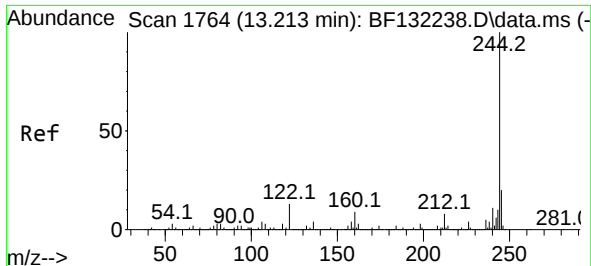
Ion Ratio Lower Upper

202 100

200 22.3 17.3 25.9

203 18.3 14.4 21.6





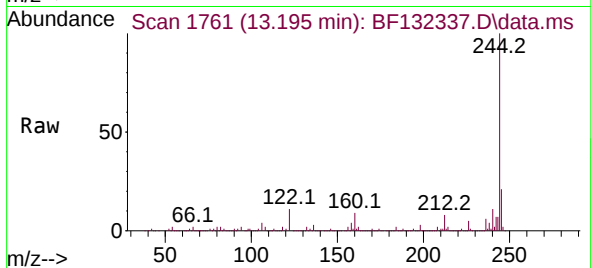
#79
 Terphenyl-d14
 Concen: 98.527 ng
 RT: 13.195 min Scan# 1764
 Delta R.T. 0.000 min
 Lab File: BF132337.D
 Acq: 06 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

PB150684BS

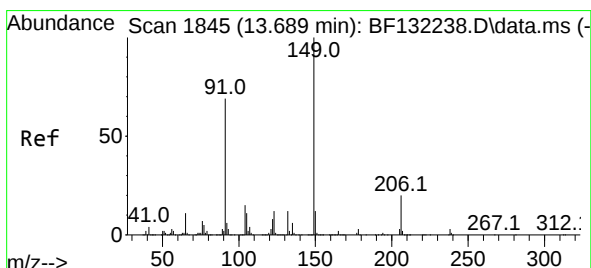
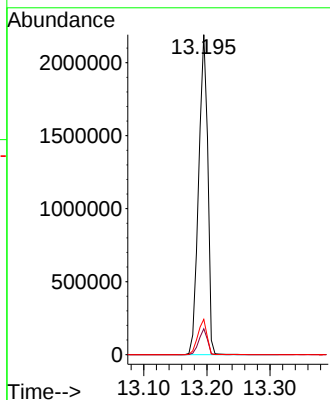
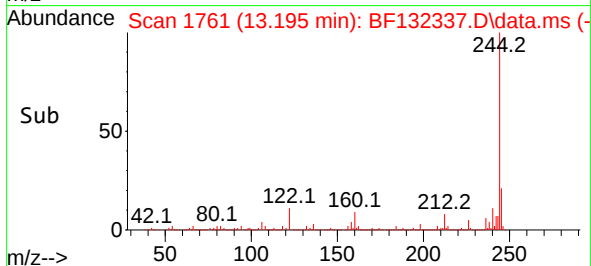


Tgt Ion:244 Resp: 2190074
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 11.0 10.5 15.7

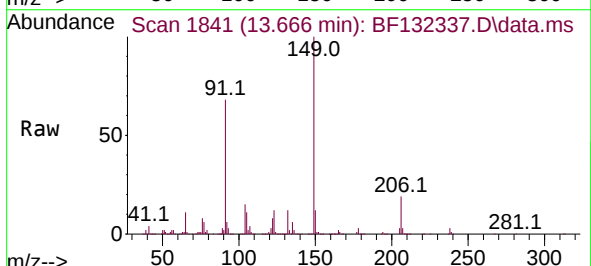
Manual Integrations

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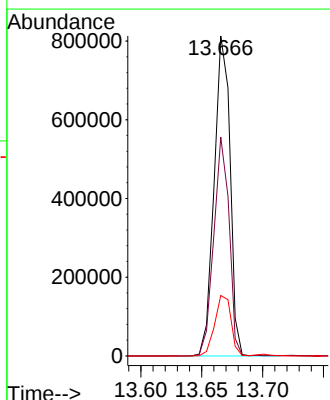
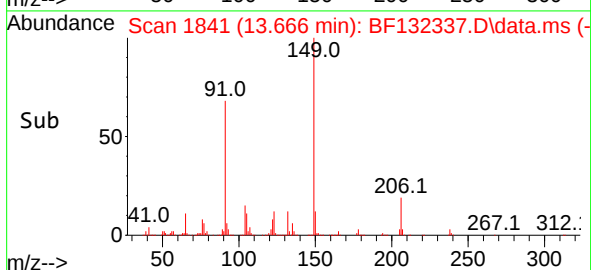
Reviewed By :Christian Giraldo 02/07/2023
 Supervised By :Jagrut Upadhyay 02/07/2023

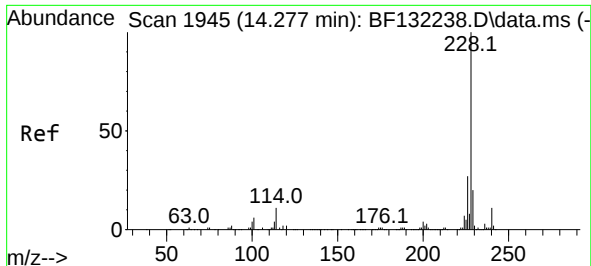


#80
 Butylbenzylphthalate
 Concen: 48.237 ng
 RT: 13.666 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF132337.D
 Acq: 06 Feb 2023 14:34



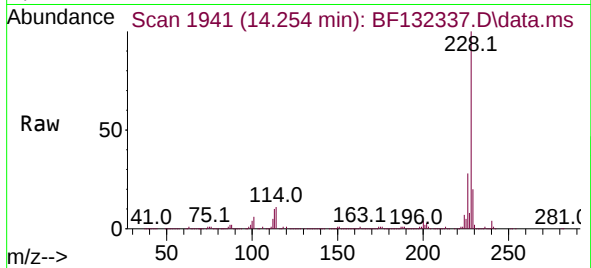
Tgt Ion:149 Resp: 737047
 Ion Ratio Lower Upper
 149 100
 91 68.4 55.0 82.6
 206 18.9 15.9 23.9





#81
Benzo(a)anthracene
Concen: 43.788 ng
RT: 14.254 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

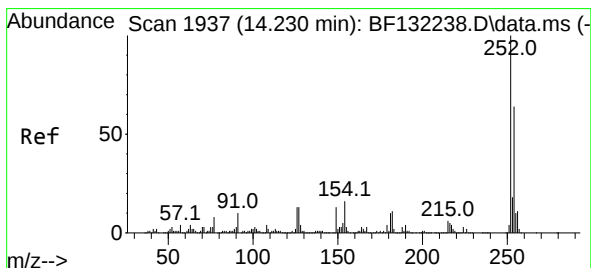
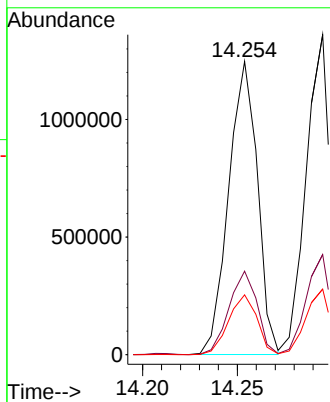
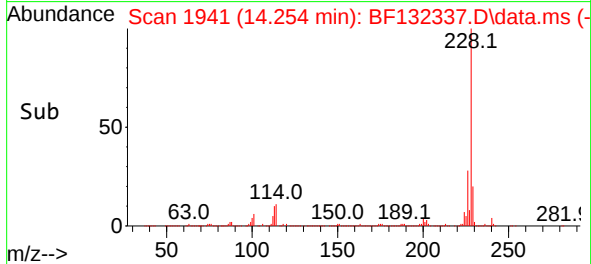
Instrument :
BNA_F
ClientSampleId :
PB150684BS



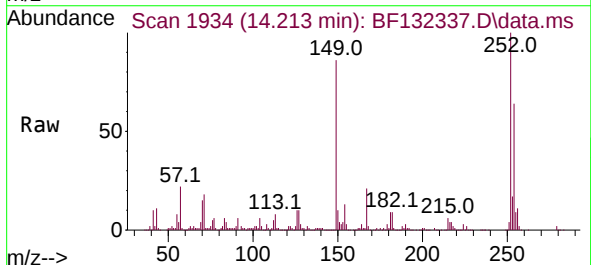
Tgt Ion:228 Resp: 1316862
Ion Ratio Lower Upper
228 100
226 28.5 22.0 33.0
229 20.4 15.8 23.6

Manual Integrations
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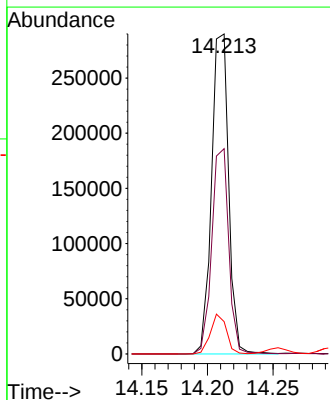
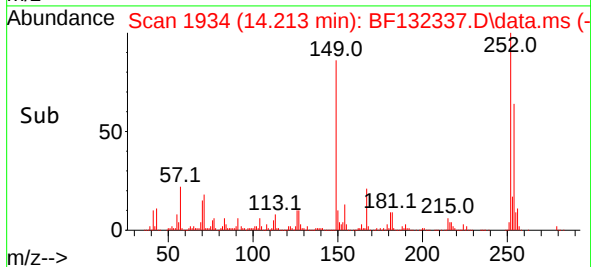
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

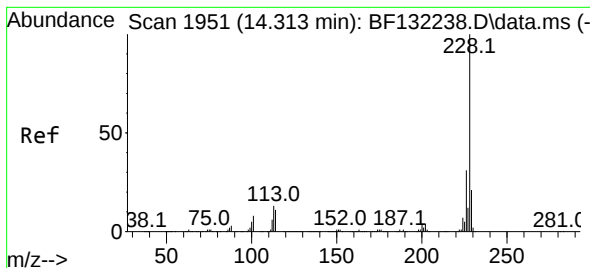


#82
3,3'-Dichlorobenzidine
Concen: 27.542 ng
RT: 14.213 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



Tgt Ion:252 Resp: 263811
Ion Ratio Lower Upper
252 100
254 64.1 51.6 77.4
126 10.1 10.5 15.7#





#83

Chrysene

Concen: 43.039 ng

RT: 14.295 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BF132337.D

Acq: 06 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

PB150684BS

Tgt Ion:228 Resp: 1211995

Ion Ratio Lower Upper

228 100

226 31.3 24.9 37.3

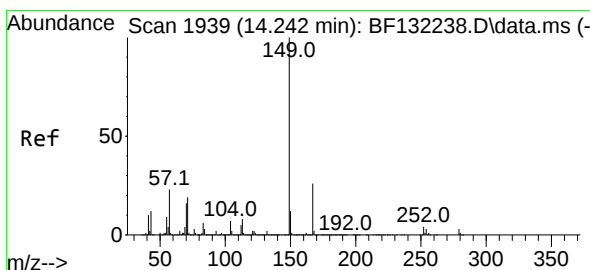
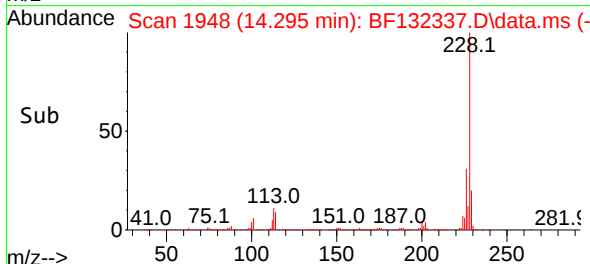
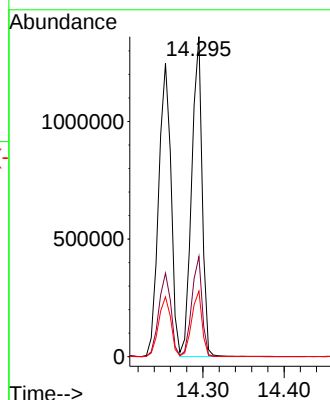
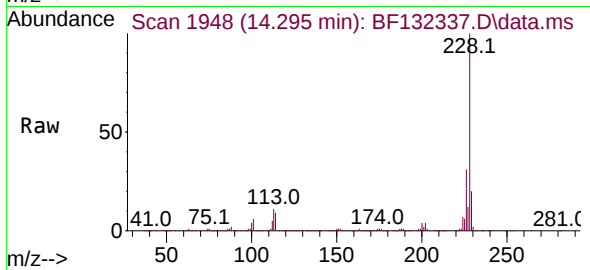
229 20.5 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2023

Supervised By :Jagrut Upadhyay 02/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.644 ng

RT: 14.224 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BF132337.D

Acq: 06 Feb 2023 14:34

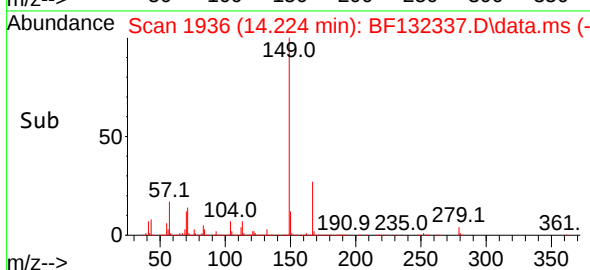
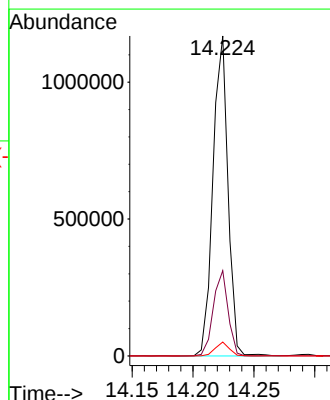
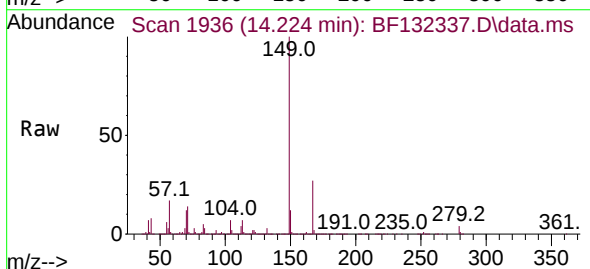
Tgt Ion:149 Resp: 1004649

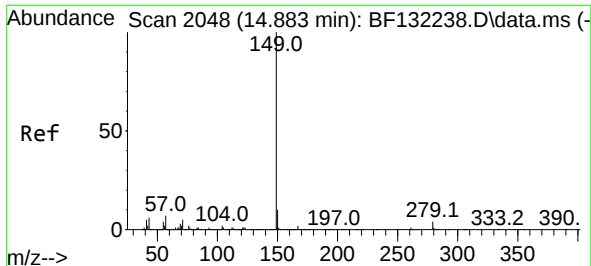
Ion Ratio Lower Upper

149 100

167 26.6 20.7 31.1

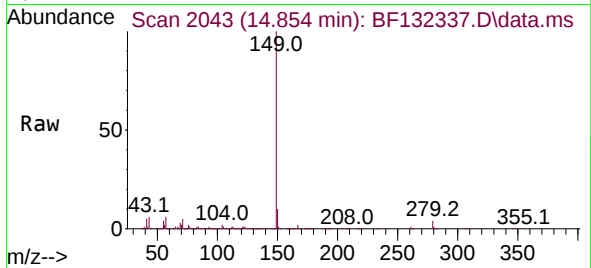
279 4.3 2.7 4.1#





#85
Di-n-octyl phthalate
Concen: 45.318 ng
RT: 14.854 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

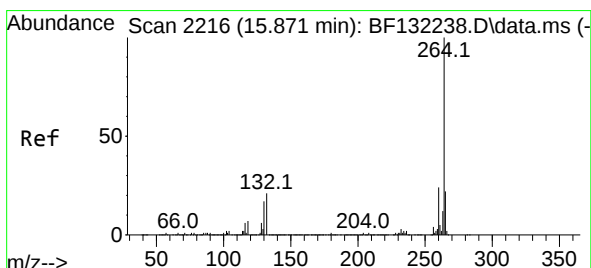
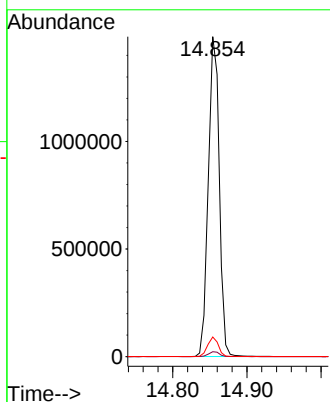
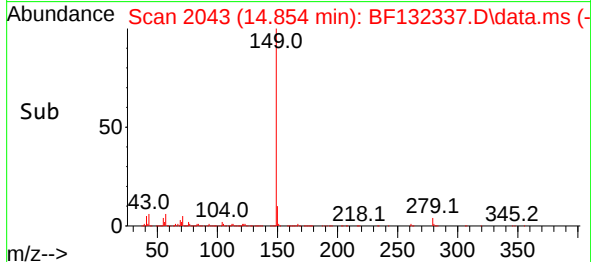
Instrument :
BNA_F
ClientSampleId :
PB150684BS



Tgt Ion:149 Resp: 1526597
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 5.9 5.9 8.9

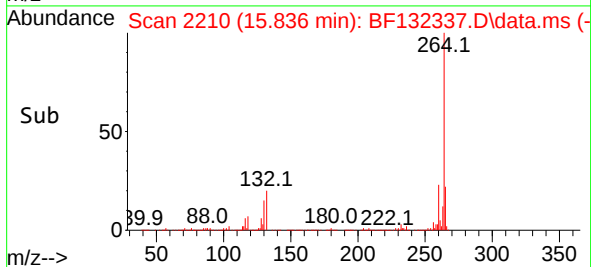
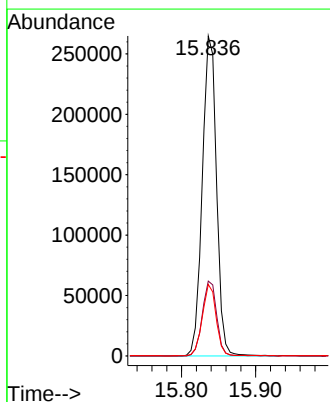
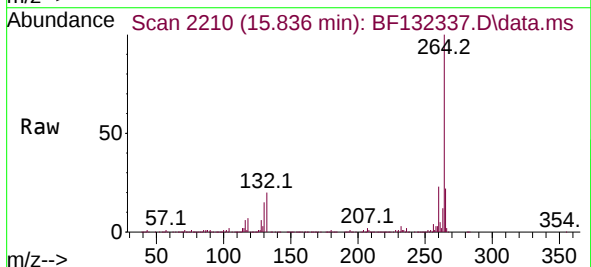
Manual Integrations
APPROVED

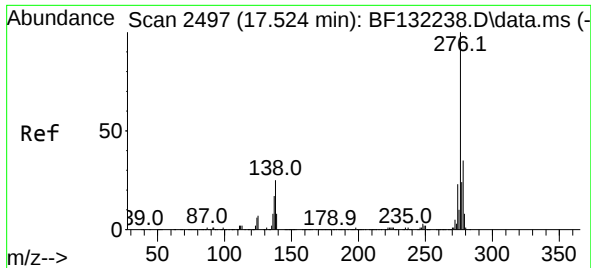
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.836 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

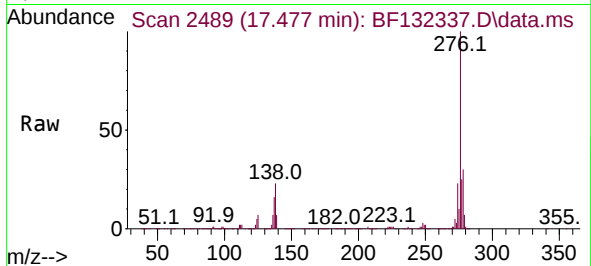
Tgt Ion:264 Resp: 352353
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 22.3 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.380 ng
RT: 17.477 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

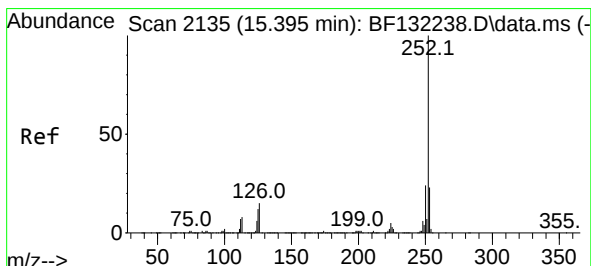
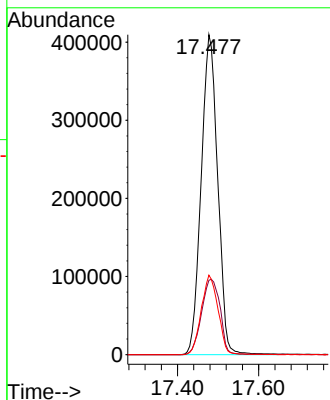
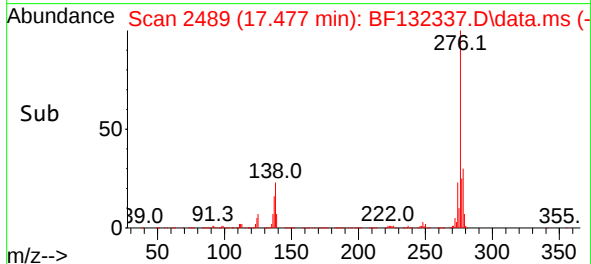
Instrument :
BNA_F
ClientSampleId :
PB150684BS



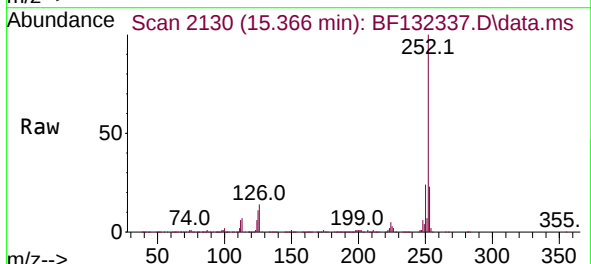
Tgt Ion:276 Resp: 1156109
Ion Ratio Lower Upper
276 100
138 26.3 23.3 34.9
277 25.2 20.0 30.0

Manual Integrations
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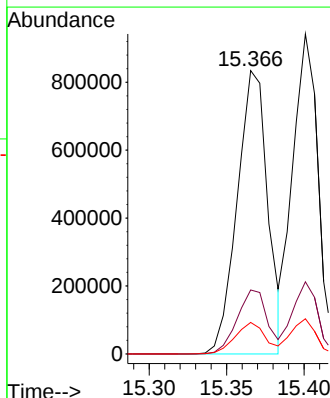
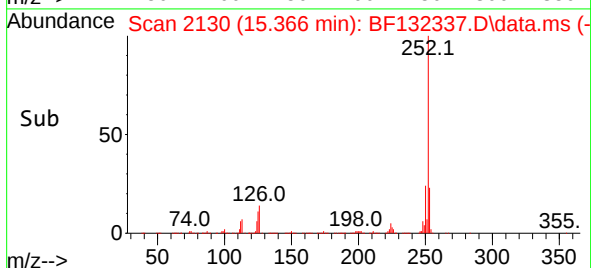
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

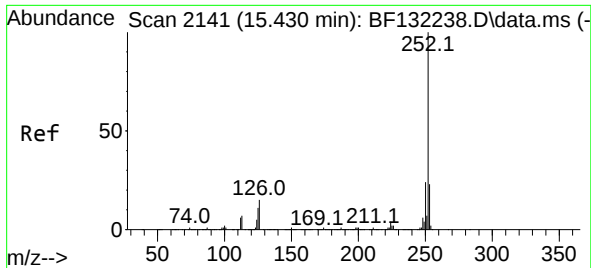


#88
Benzo(b)fluoranthene
Concen: 51.182 ng
RT: 15.366 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



Tgt Ion:252 Resp: 1146332
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 11.1 9.6 14.4





#89

Benzo(k)fluoranthene

Concen: 49.906 ng

RT: 15.401 min Scan# 2141

Delta R.T. 0.000 min

Lab File: BF132337.D

Acq: 06 Feb 2023 14:34

Instrument :

BNA_F

ClientSampleId :

PB150684BS

Tgt Ion:252 Resp: 1066920

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

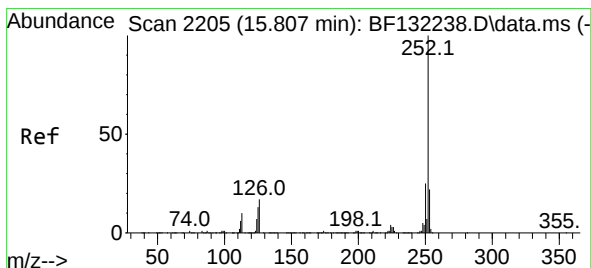
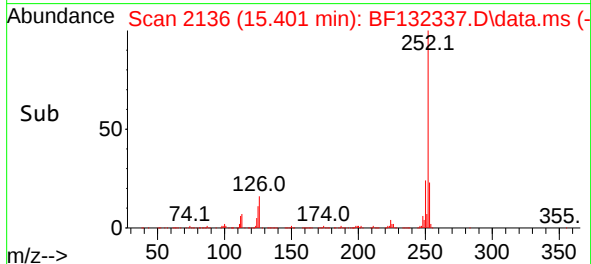
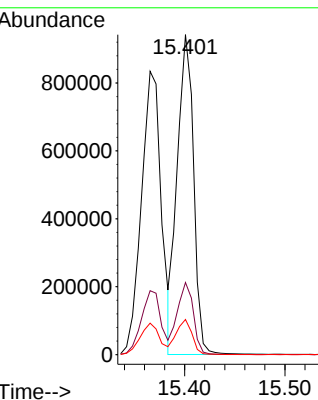
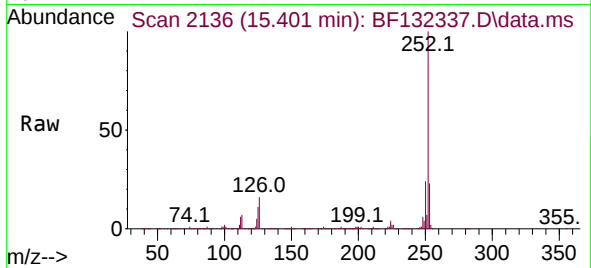
125 11.0 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2023

Supervised By :Jagrut Upadhyay 02/07/2023



#90

Benzo(a)pyrene

Concen: 45.356 ng

RT: 15.771 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF132337.D

Acq: 06 Feb 2023 14:34

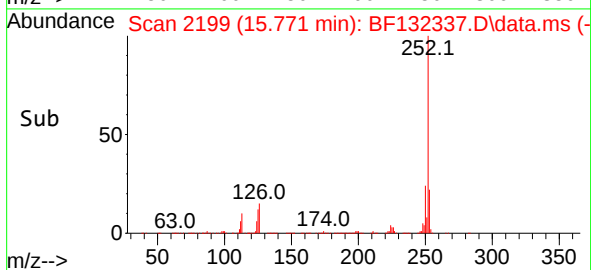
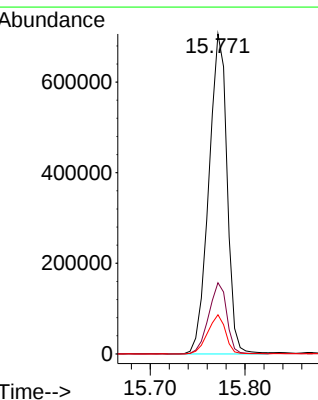
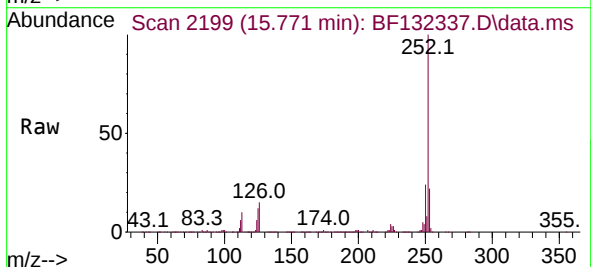
Tgt Ion:252 Resp: 945959

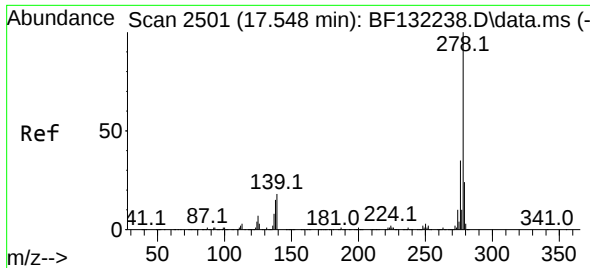
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

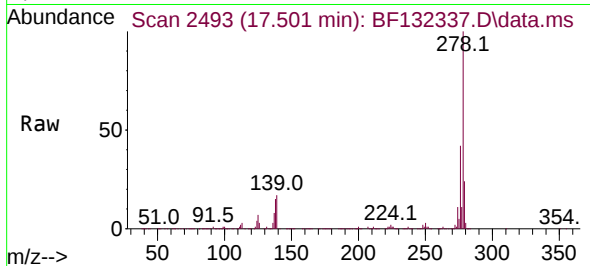
125 12.2 10.2 15.4





#91
Dibenzo(a,h)anthracene
Concen: 50.786 ng
RT: 17.501 min Scan# 24
Delta R.T. 0.000 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34

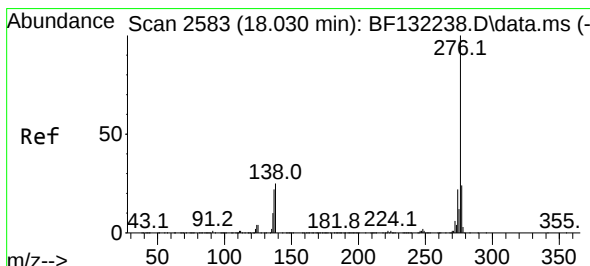
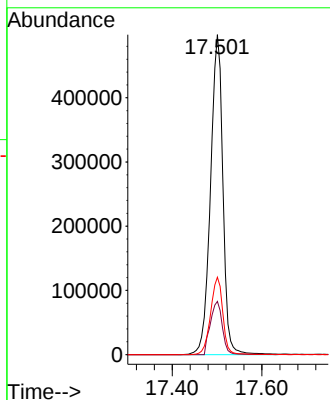
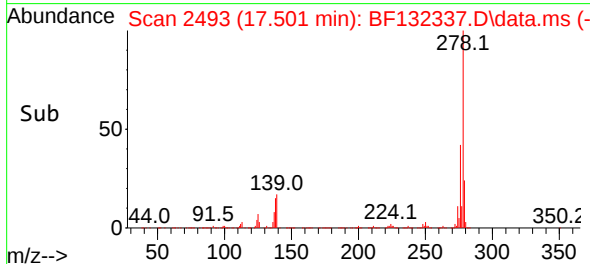
Instrument :
BNA_F
ClientSampleId :
PB150684BS



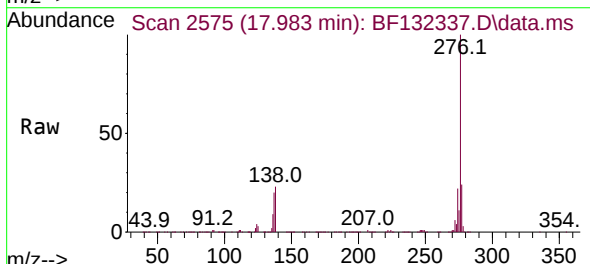
Tgt Ion:278 Resp: 955965
Ion Ratio Lower Upper
278 100
139 16.6 14.2 21.2
279 24.2 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#92
Benzo(g,h,i)perylene
Concen: 49.080 ng
RT: 17.983 min Scan# 2575
Delta R.T. 0.006 min
Lab File: BF132337.D
Acq: 06 Feb 2023 14:34



Tgt Ion:276 Resp: 954439
Ion Ratio Lower Upper
276 100
277 24.3 19.4 29.2
138 23.4 20.3 30.5

