

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
 Data File : BF132801.D
 Acq On : 15 Mar 2023 14:00
 Operator : CG\JU
 Sample : PB151406BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151406BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/16/2023
 Supervised By : Jagrut Upadhyay 03/16/2023

Quant Time: Mar 15 14:19:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	232265	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	882706	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	480090	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	926373	20.000	ng	0.00
76) Chrysene-d12	14.163	240	493364	20.000	ng	0.00
86) Perylene-d12	15.692	264	479102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1358574	94.931	ng	0.02
7) Phenol-d6	6.604	99	1731966	92.731	ng	0.00
23) Nitrobenzene-d5	7.534	82	1113740	59.862	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	484701	93.486	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1863742	59.111	ng	0.00
79) Terphenyl-d14	13.092	244	2093929	71.758	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.916	88	300815	38.000	ng	95
3) Pyridine	3.669	79	702254	33.420	ng	95
4) n-Nitrosodimethylamine	3.640	42	291187	36.686	ng	83
6) Aniline	6.634	93	846575	33.681	ng	96
8) 2-Chlorophenol	6.757	128	660428	44.464	ng	98
9) Benzaldehyde	6.522	77	370768	36.789	ng	97
10) Phenol	6.622	94	838704	39.168	ng	97
11) bis(2-Chloroethyl)ether	6.704	93	674693	40.815	ng	94
12) 1,3-Dichlorobenzene	6.910	146	704538	44.201	ng	97
13) 1,4-Dichlorobenzene	6.987	146	707660	44.463	ng	98
14) 1,2-Dichlorobenzene	7.140	146	636955	41.701	ng	98
15) Benzyl Alcohol	7.110	79	578767	40.236	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.239	45	797654	37.840	ng	94
17) 2-Methylphenol	7.222	107	523671	37.777	ng	99
18) Hexachloroethane	7.475	117	258273	41.537	ng	98
19) n-Nitroso-di-n-propyla...	7.381	70	421002	36.626	ng	93
20) 3+4-Methylphenols	7.375	107	596355	33.299	ng	94
22) Acetophenone	7.381	105	819209	36.805	ng	# 90
24) Nitrobenzene	7.557	77	773216	38.859	ng	99
25) Isophorone	7.792	82	1394691	39.100	ng	100
26) 2-Nitrophenol	7.869	139	357259	40.693	ng	98
27) 2,4-Dimethylphenol	7.904	122	593960	42.866	ng	99
28) bis(2-Chloroethoxy)met...	7.992	93	882449	42.290	ng	99
29) 2,4-Dichlorophenol	8.116	162	586994	42.587	ng	98
30) 1,2,4-Trichlorobenzene	8.192	180	636053	42.497	ng	97
31) Naphthalene	8.275	128	1800724	39.849	ng	99
32) Benzoic acid	8.045	122	408415m	38.251	ng	
33) 4-Chloroaniline	8.322	127	383527	19.806	ng	94
34) Hexachlorobutadiene	8.381	225	400501	42.110	ng	99
35) Caprolactam	8.716	113	210256m	46.270	ng	
36) 4-Chloro-3-methylphenol	8.810	107	644539	42.580	ng	94
37) 2-Methylnaphthalene	8.969	142	1201181	39.005	ng	100
38) 1-Methylnaphthalene	9.069	142	1112219	38.646	ng	99
40) 1,2,4,5-Tetrachloroben...	9.133	216	618332	39.366	ng	99
41) Hexachlorocyclopentadiene	9.116	237	661658	77.663	ng	98
43) 2,4,6-Trichlorophenol	9.245	196	418054	39.273	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	447328	36.005	ng	97
46) 1,1'-Biphenyl	9.433	154	1452929	39.985	ng	97
47) 2-Chloronaphthalene	9.457	162	1168872	40.572	ng	100
48) 2-Nitroaniline	9.557	65	384929	36.277	ng	94
49) Acenaphthylene	9.875	152	1716816	37.443	ng	100
50) Dimethylphthalate	9.733	163	1446026	41.366	ng	100
51) 2,6-Dinitrotoluene	9.798	165	330792	41.552	ng	95
52) Acenaphthene	10.051	154	1236337m	42.464	ng	
53) 3-Nitroaniline	9.969	138	246894	27.724	ng	99
54) 2,4-Dinitrophenol	10.086	184	327192	65.561	ng	# 88
55) Dibenzofuran	10.222	168	1581313	37.255	ng	99
56) 4-Nitrophenol	10.139	139	428099	64.460	ng	97
57) 2,4-Dinitrotoluene	10.210	165	399792	37.748	ng	97
58) Fluorene	10.563	166	1210655	37.289	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	368097	39.885	ng	98
60) Diethylphthalate	10.428	149	1347189	39.460	ng	99
61) 4-Chlorophenyl-phenylether	10.551	204	642293	38.135	ng	96
62) 4-Nitroaniline	10.592	138	325649	37.253	ng	95
63) Azobenzene	10.716	77	1376090	38.059	ng	97
65) 4,6-Dinitro-2-methylphthalate	10.622	198	246173	39.255	ng	92
66) n-Nitrosodiphenylamine	10.675	169	1140698	39.497	ng	100
67) 4-Bromophenyl-phenylether	11.045	248	436060	41.614	ng	95
68) Hexachlorobenzene	11.116	284	489805	44.422	ng	99
69) Atrazine	11.198	200	408596	45.318	ng	98
70) Pentachlorophenol	11.316	266	423034m	64.486	ng	
71) Phenanthrene	11.533	178	1879369	39.161	ng	99
72) Anthracene	11.586	178	1920630	38.864	ng	99
73) Carbazole	11.739	167	1736008	38.962	ng	100
74) Di-n-butylphthalate	12.057	149	2095350	40.090	ng	99
75) Fluoranthene	12.727	202	1978750	37.717	ng	98
77) Benzidine	12.845	184	725997	60.450	ng	100
78) Pyrene	12.957	202	1991412	44.396	ng	100
80) Butylbenzylphthalate	13.563	149	780505	44.094	ng	97
81) Benzo(a)anthracene	14.151	228	1523898	41.282	ng	98
82) 3,3'-Dichlorobenzidine	14.104	252	326817	30.030	ng	100
83) Chrysene	14.186	228	1394153	40.387	ng	100
84) Bis(2-ethylhexyl)phthalate	14.116	149	939896	43.224	ng	100
85) Di-n-octyl phthalate	14.733	149	1435252	45.168	ng	97
87) Indeno(1,2,3-cd)pyrene	17.280	276	1459615	46.495	ng	100
88) Benzo(b)fluoranthene	15.233	252	1347481	41.968	ng	98
89) Benzo(k)fluoranthene	15.268	252	1247125	39.688	ng	99
90) Benzo(a)pyrene	15.627	252	1170317	38.946	ng	99
91) Dibenzo(a,h)anthracene	17.292	278	1195750	46.749	ng	98
92) Benzo(g,h,i)perylene	17.756	276	1250675	43.426	ng	99

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

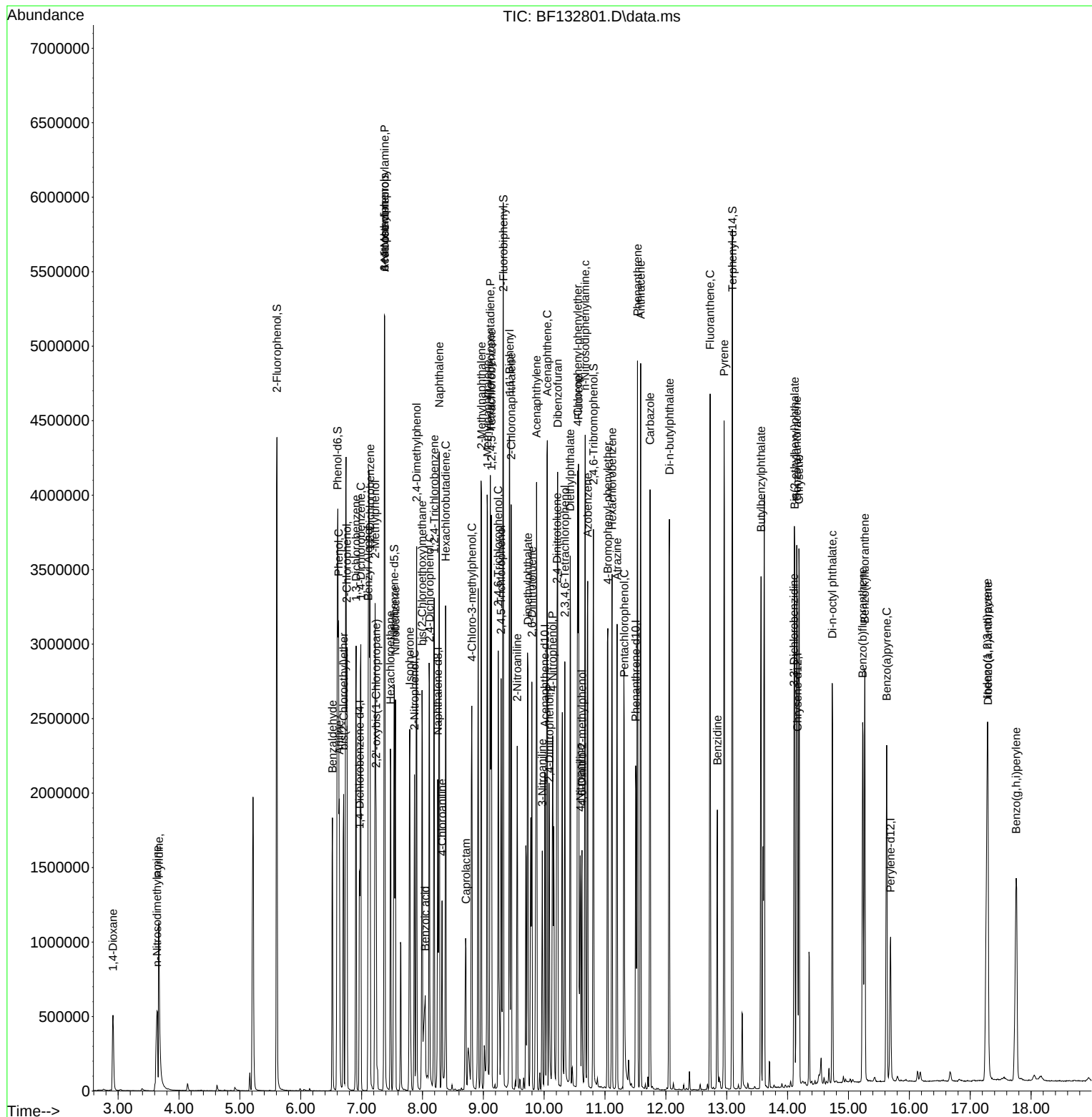
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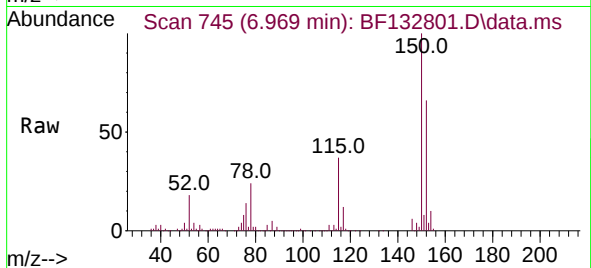
Reviewed By : Christian Giraldo 03/16/2023
Supervised By : Jagrut Upadhyay 03/16/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

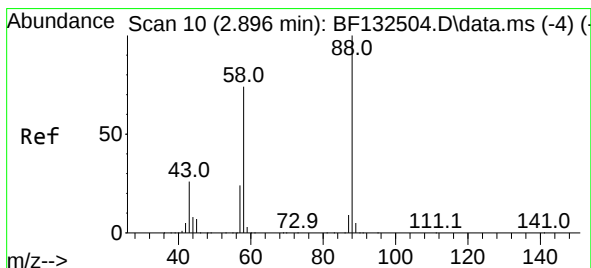
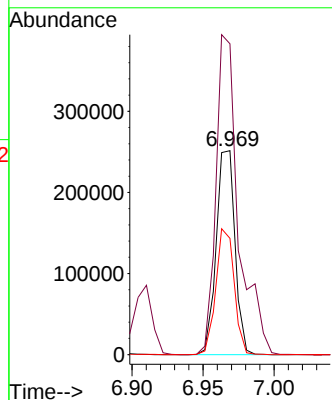
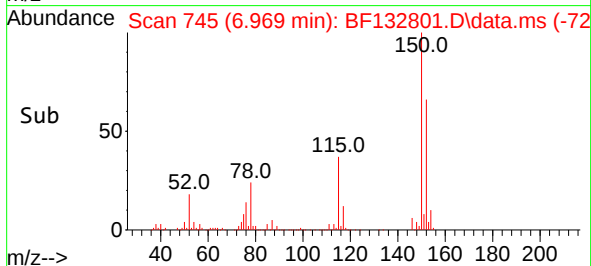
Instrument :
BNA_F
ClientSampleId :
PB151406BS



Tgt Ion:152 Resp: 232265
Ion Ratio Lower Upper
152 100
150 152.5 125.4 188.2
115 57.0 47.8 71.6

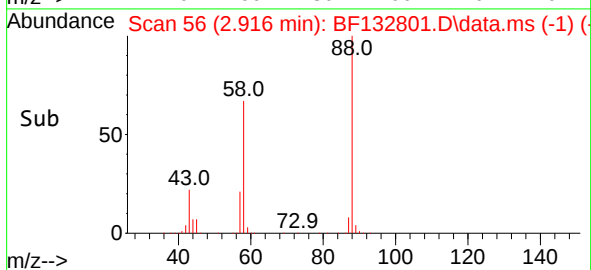
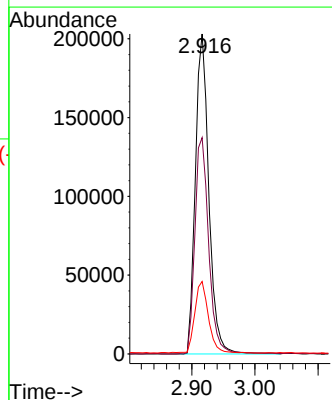
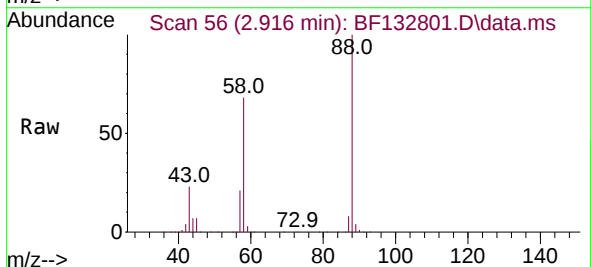
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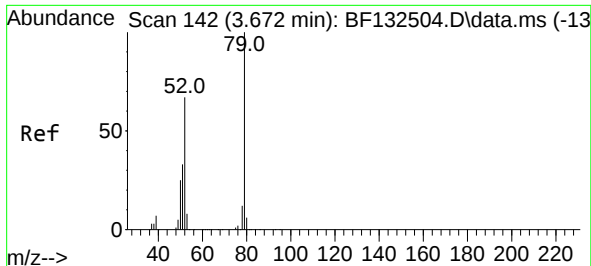
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#2
1,4-Dioxane
Concen: 38.000 ng
RT: 2.916 min Scan# 56
Delta R.T. 0.106 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

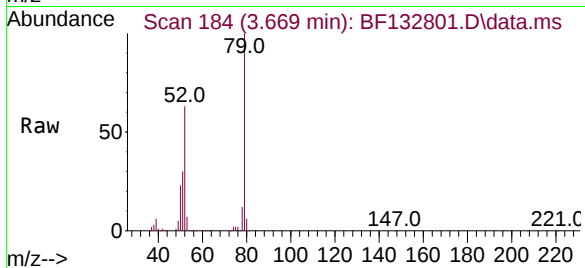
Tgt Ion: 88 Resp: 300815
Ion Ratio Lower Upper
88 100
58 69.5 58.3 87.5
43 22.8 20.7 31.1





#3
Pyridine
Concen: 33.420 ng
RT: 3.669 min Scan# 18
Delta R.T. 0.076 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

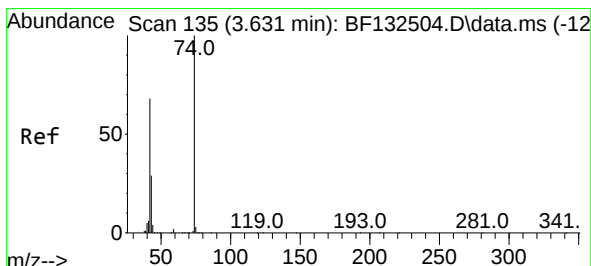
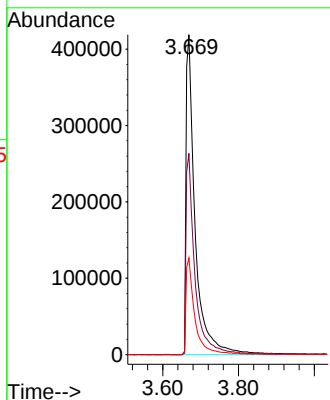
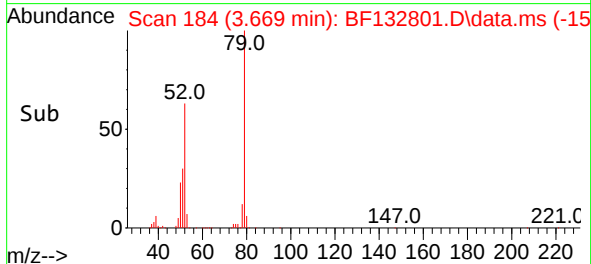
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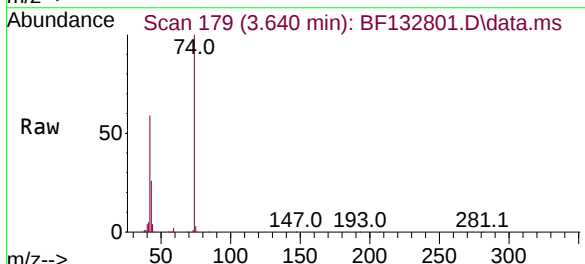
Tgt Ion: 79 Resp: 702254
Ion Ratio Lower Upper
79 100
52 62.9 53.7 80.5
51 30.2 26.6 40.0

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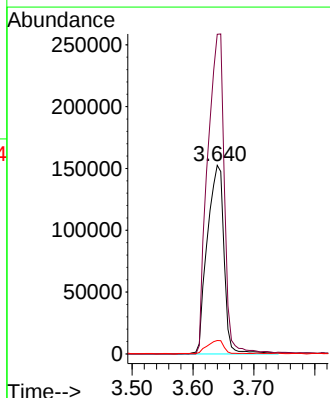
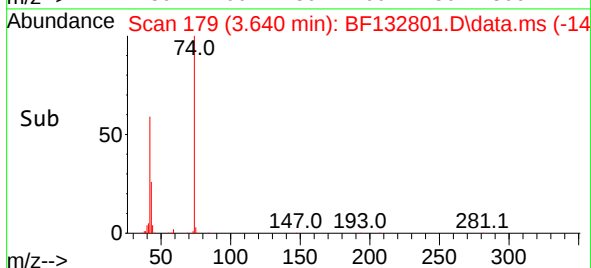
Reviewed By :Christian Giraldo 03/16/2023
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#4
n-Nitrosodimethylamine
Concen: 36.686 ng
RT: 3.640 min Scan# 179
Delta R.T. 0.082 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00



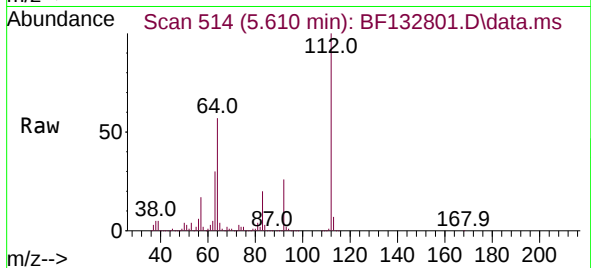
Tgt Ion: 42 Resp: 291187
Ion Ratio Lower Upper
42 100
74 169.4 118.2 177.2
44 7.1 5.3 7.9





#5
2-Fluorophenol
Concen: 94.931 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.018 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

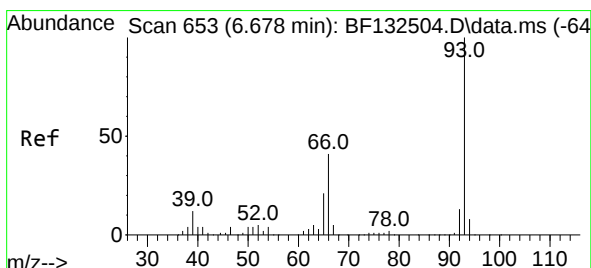
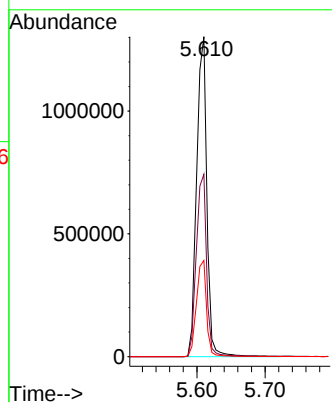
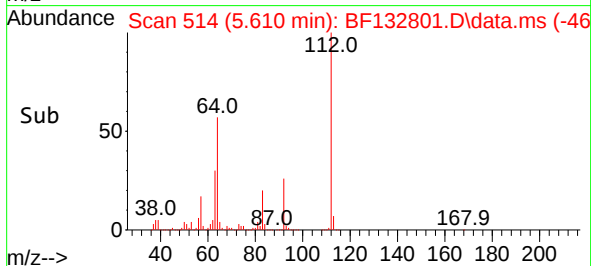
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ClientSampleId :
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Tgt Ion: 112 Resp: 1358574
Ion Ratio Lower Upper
112 100
64 57.0 51.6 77.4
63 30.0 27.4 41.2

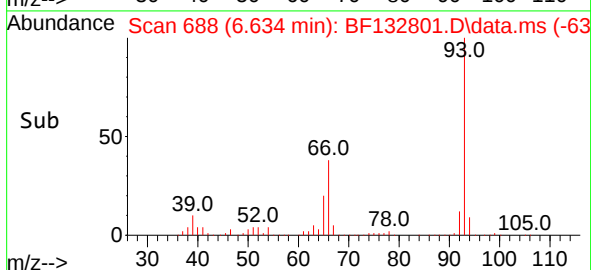
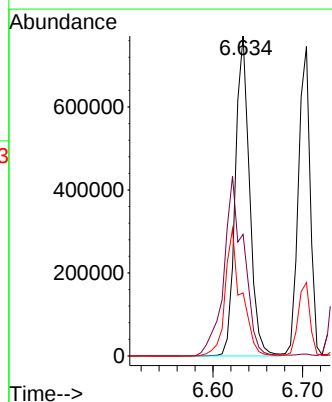
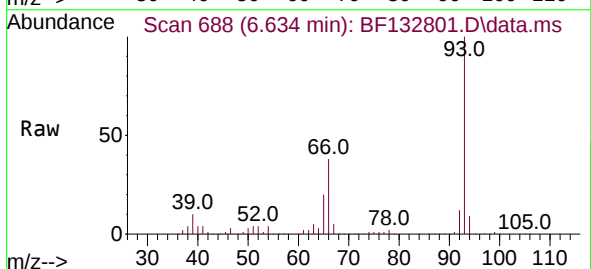
Manual Integrations
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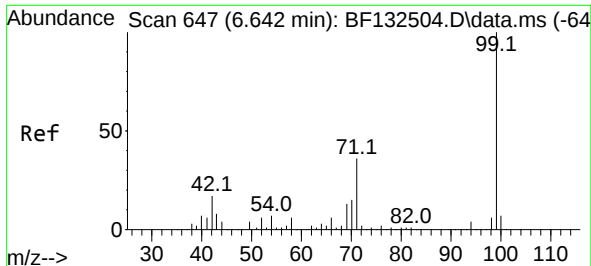
Reviewed By : Christian Giraldo 03/16/2023
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#6
Aniline
Concen: 33.681 ng
RT: 6.634 min Scan# 688
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

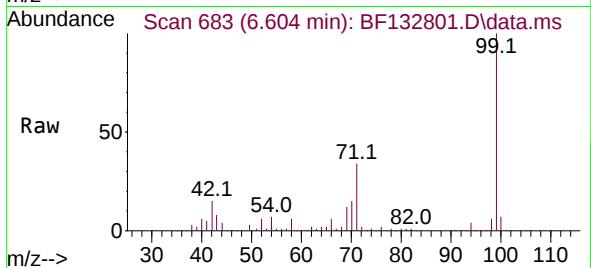
Tgt Ion: 93 Resp: 846575
Ion Ratio Lower Upper
93 100
66 38.0 32.5 48.7
65 19.7 16.6 24.8





#7
Phenol-d6
Concen: 92.731 ng
RT: 6.604 min Scan# 683
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

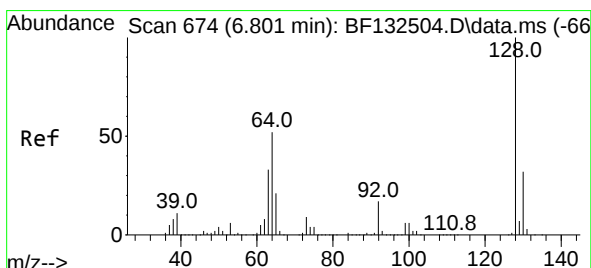
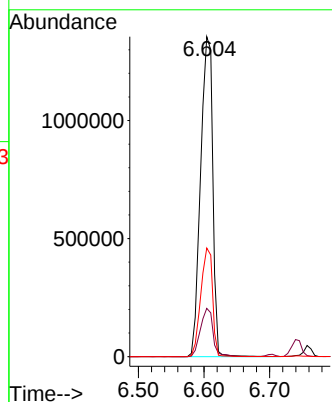
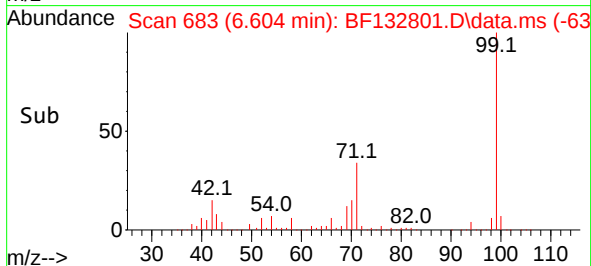
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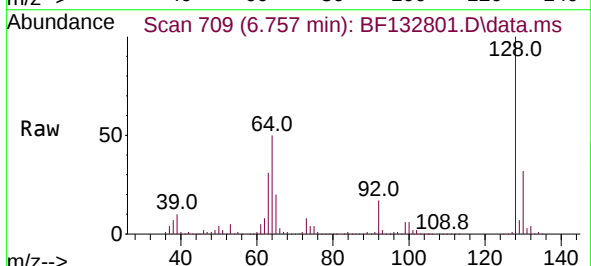
Tgt Ion: 99 Resp: 1731966
Ion Ratio Lower Upper
99 100
42 15.1 13.9 20.9
71 33.9 28.5 42.7

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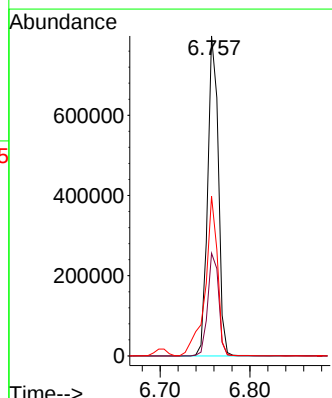
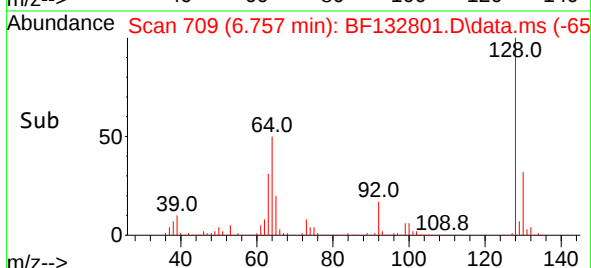
Reviewed By :Christian Giraldo 03/16/2023
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#8
2-Chlorophenol
Concen: 44.464 ng
RT: 6.757 min Scan# 709
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00



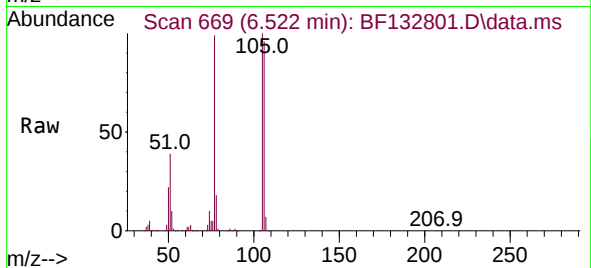
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Ion Ratio Lower Upper
128 100
130 32.1 12.1 52.1
64 49.9 32.0 72.0





#9
Benzaldehyde
Concen: 36.789 ng
RT: 6.522 min Scan# 60
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

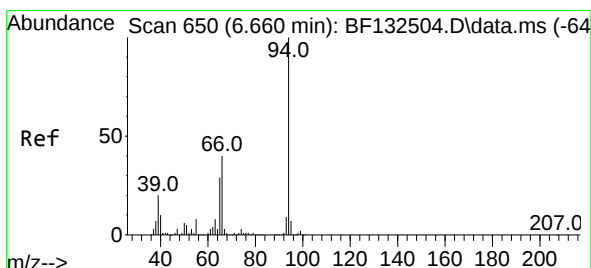
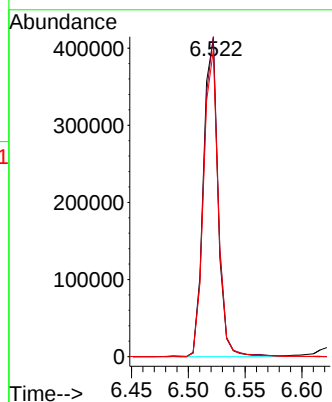
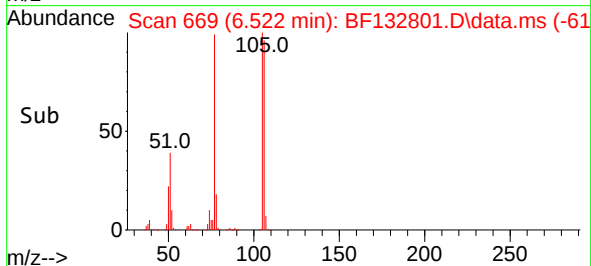
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Tgt Ion: 77 Resp: 370768
Ion Ratio Lower Upper
77 100
105 100.6 77.9 117.9
106 96.2 73.4 113.4

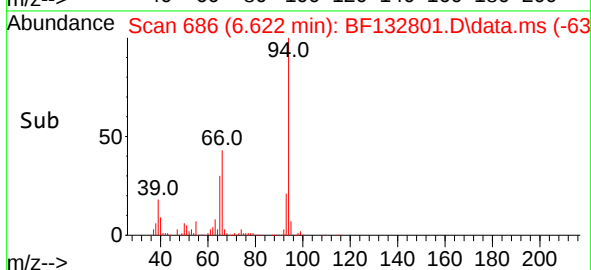
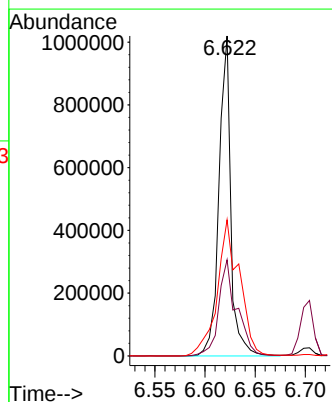
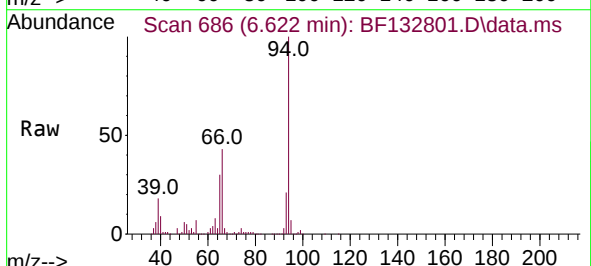
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APPROVED

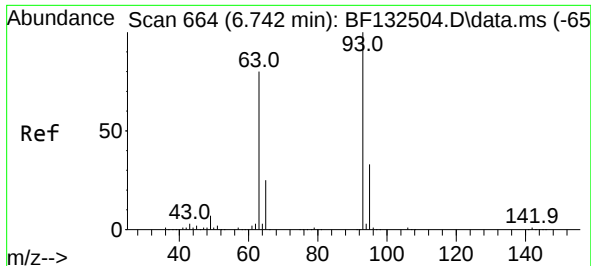
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#10
Phenol
Concen: 39.168 ng
RT: 6.622 min Scan# 686
Delta R.T. 0.006 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Tgt Ion: 94 Resp: 838704
Ion Ratio Lower Upper
94 100
65 30.0 9.4 49.4
66 42.5 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 40.815 ng

RT: 6.704 min Scan# 70

Delta R.T. -0.000 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

Instrument :

BNA_F

ClientSampleId :

PB151406BS

Tgt Ion: 93 Resp: 674693

Ion Ratio Lower Upper

93 100

63 73.1 59.6 99.6

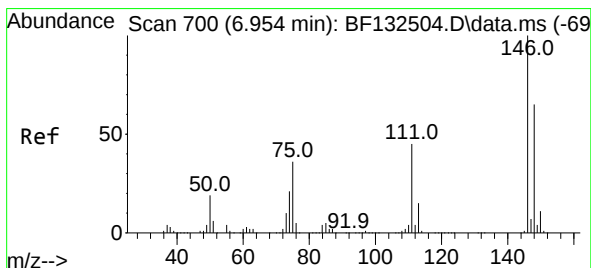
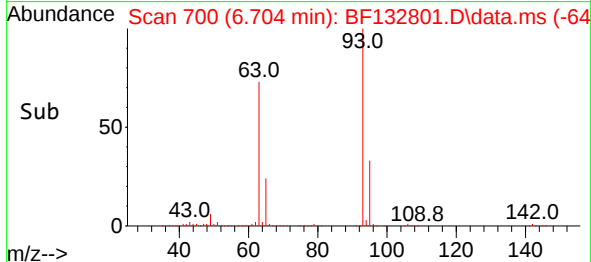
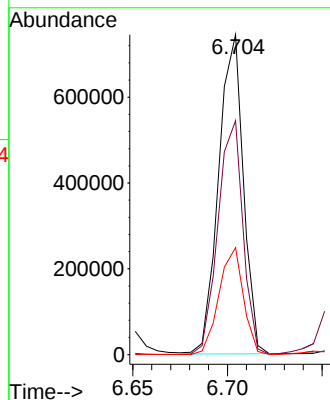
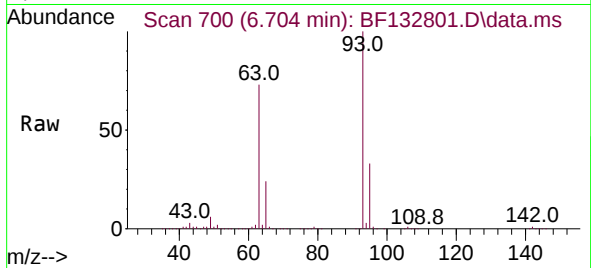
95 33.4 12.8 52.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2023

Supervised By :Jagrut Upadhyay 03/16/2023



#12

1,3-Dichlorobenzene

Concen: 44.201 ng

RT: 6.910 min Scan# 735

Delta R.T. -0.000 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

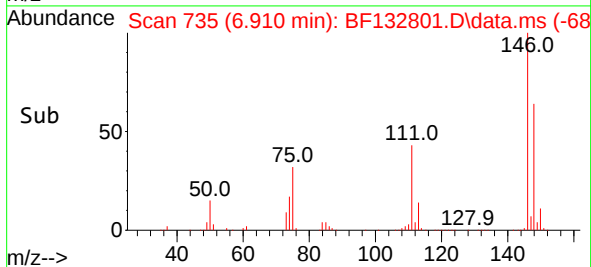
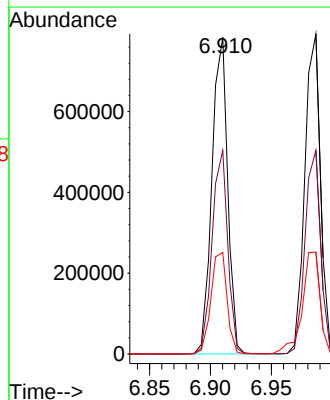
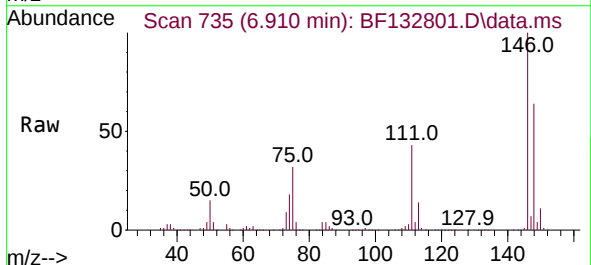
Tgt Ion:146 Resp: 704538

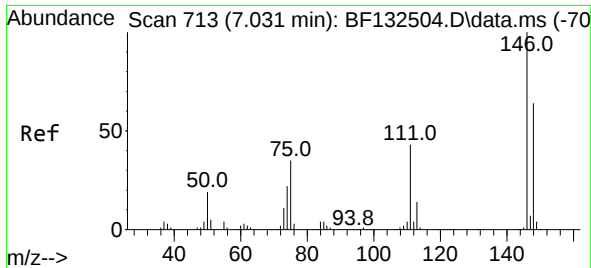
Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

75 32.0 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 44.463 ng

RT: 6.987 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

Instrument :

BNA_F

ClientSampleId :

PB151406BS

Tgt Ion:146 Resp: 707660

Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

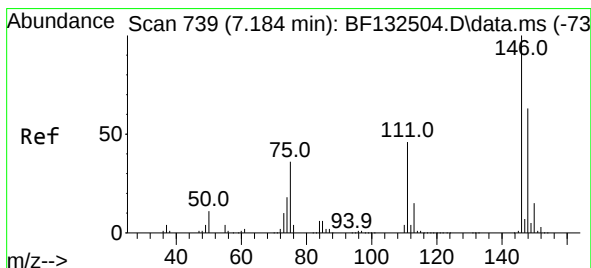
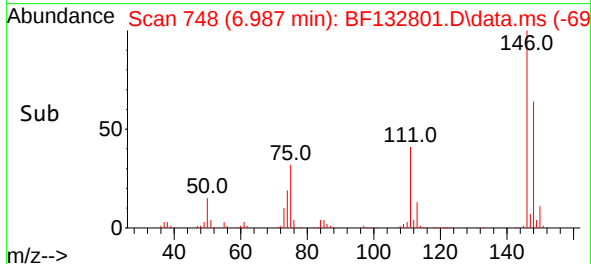
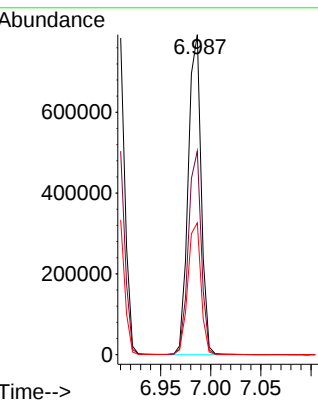
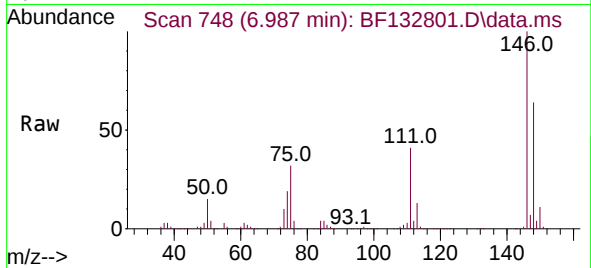
111 41.2 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2023

Supervised By :Jagrut Upadhyay 03/16/2023



#14

1,2-Dichlorobenzene

Concen: 41.701 ng

RT: 7.140 min Scan# 774

Delta R.T. -0.000 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

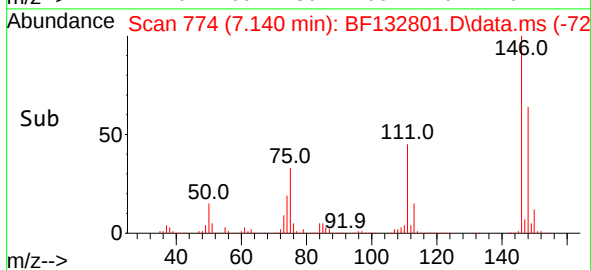
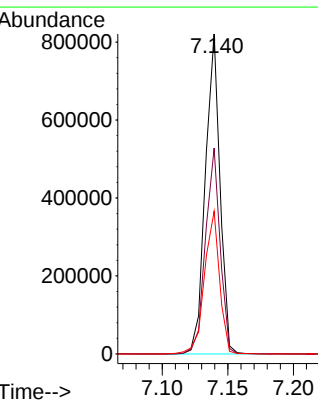
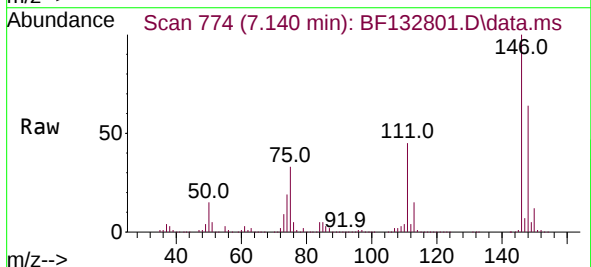
Tgt Ion:146 Resp: 636955

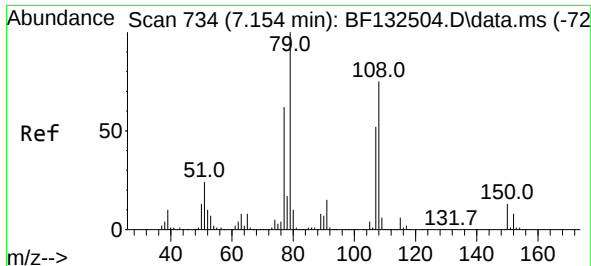
Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

111 44.6 37.2 55.8





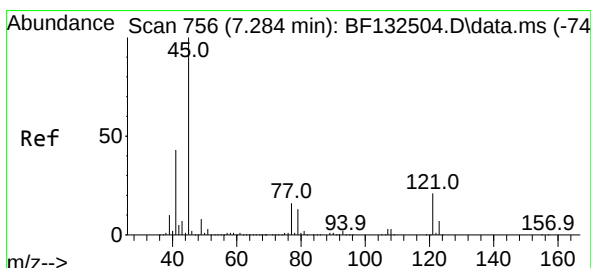
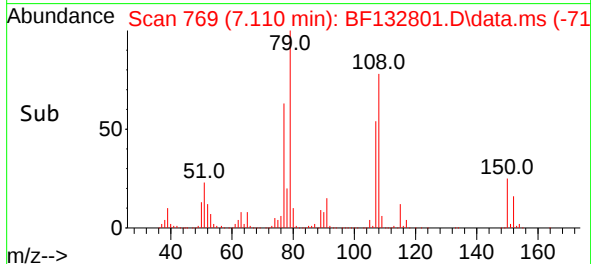
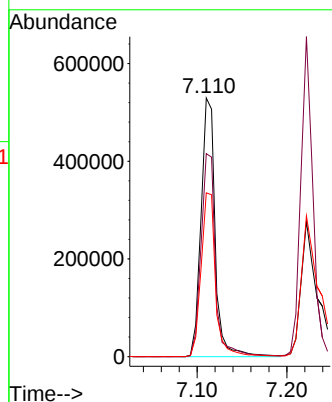
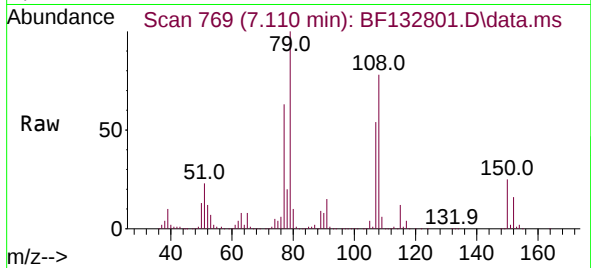
#15
Benzyl Alcohol
Concen: 40.236 ng
RT: 7.110 min Scan# 709
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Instrument :
BNA_F
ClientSampleId :
PB151406BS

Tgt Ion: 79 Resp: 578762
Ion Ratio Lower Upper
79 100
108 78.5 60.2 90.4
77 63.3 49.9 74.9

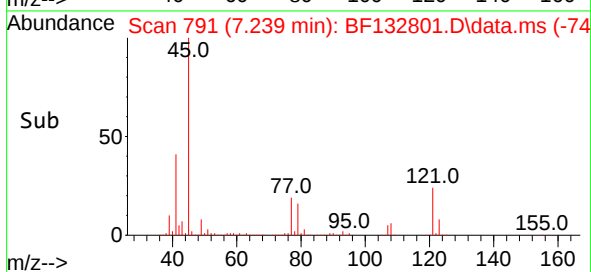
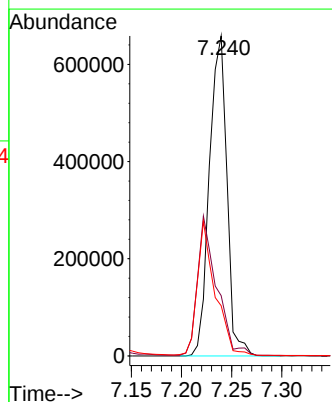
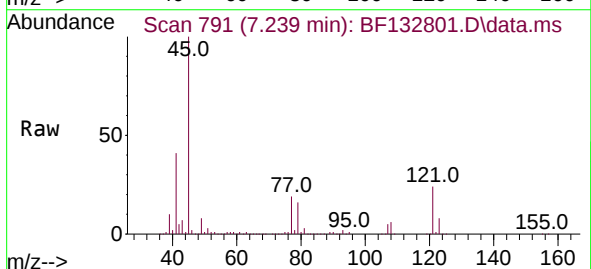
Manual Integrations
APPROVED

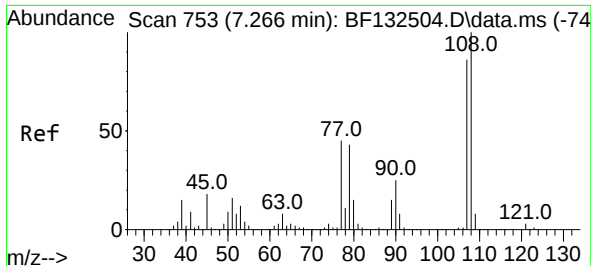
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.840 ng
RT: 7.239 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Tgt Ion: 45 Resp: 797654
Ion Ratio Lower Upper
45 100
77 18.8 0.0 36.4
79 15.7 0.0 33.4





#17
2-Methylphenol
Concen: 37.777 ng
RT: 7.222 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Instrument :

BNA_F

ClientSampleId :

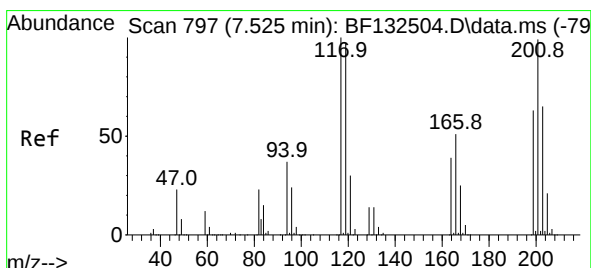
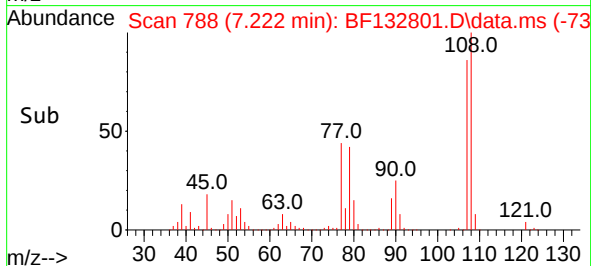
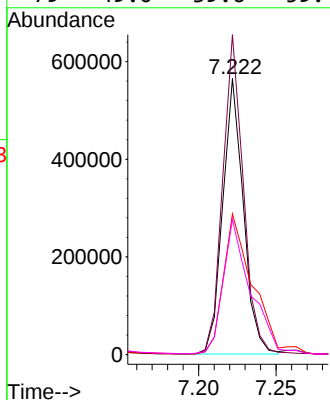
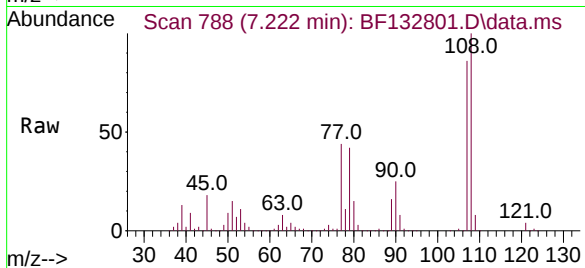
PB151406BS

Tgt Ion:107 Resp: 52367
Ion Ratio Lower Upper
107 100
108 115.9 93.0 139.4
77 51.0 42.1 63.1
79 49.0 39.6 59.4

Manual Integrations

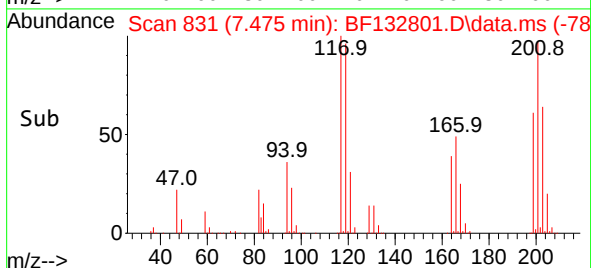
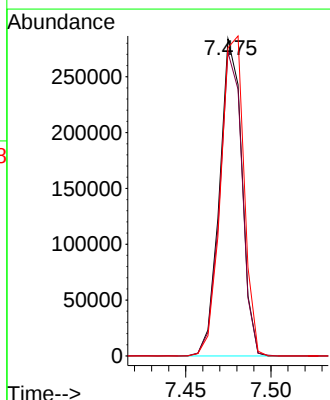
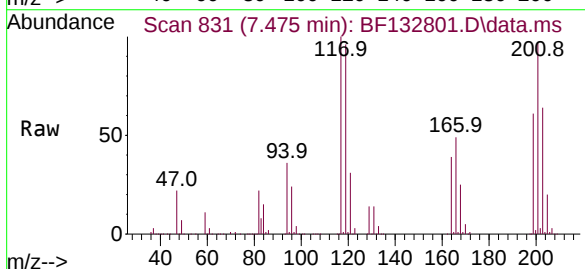
APPROVED

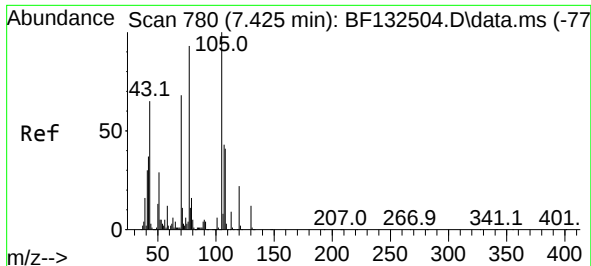
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#18
Hexachloroethane
Concen: 41.537 ng
RT: 7.475 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

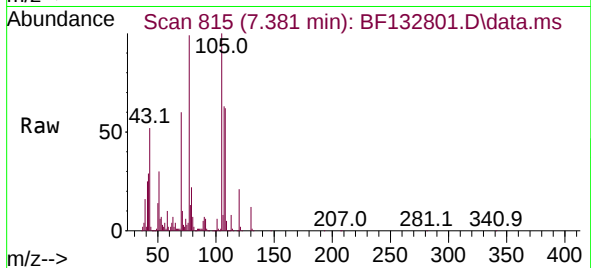
Tgt Ion:117 Resp: 258273
Ion Ratio Lower Upper
117 100
119 95.8 78.0 117.0
201 97.2 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 36.626 ng
RT: 7.381 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

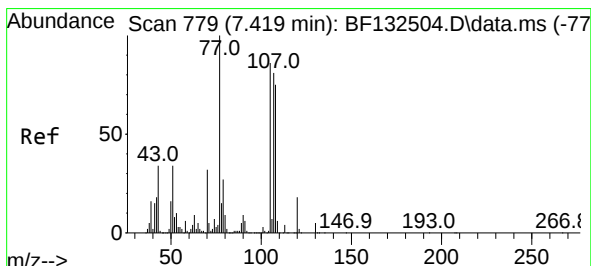
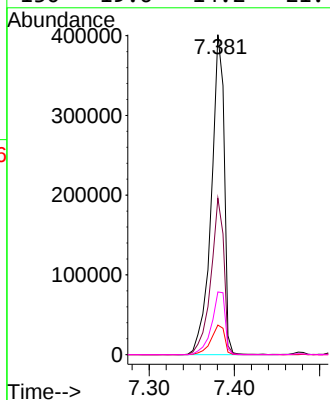
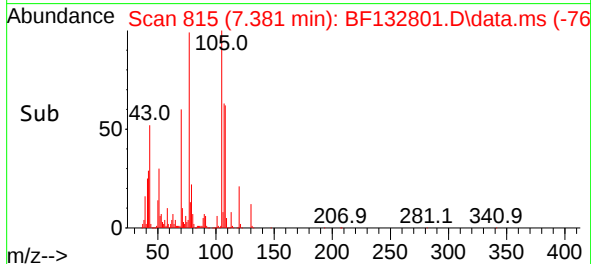
Instrument :
BNA_F
ClientSampleId :
PB151406BS



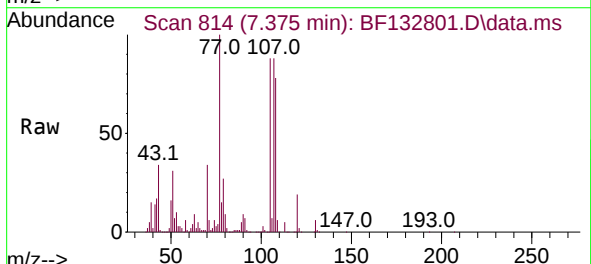
Tgt Ion: 70 Resp: 421002
Ion Ratio Lower Upper
70 100
42 48.9 44.1 66.1
101 9.2 7.4 11.2
130 19.6 14.2 21.4

Manual Integrations
APPROVED

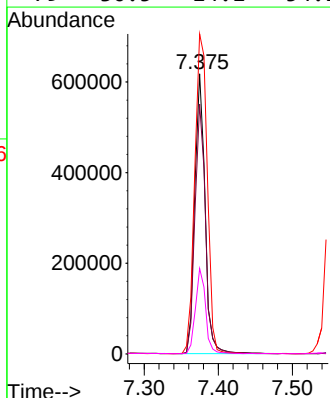
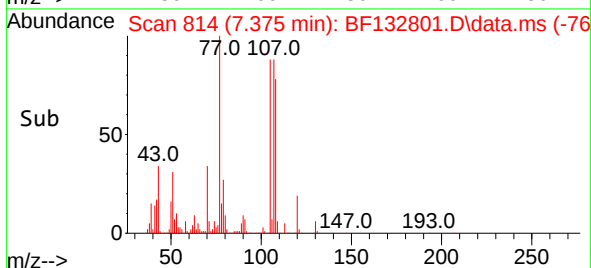
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023

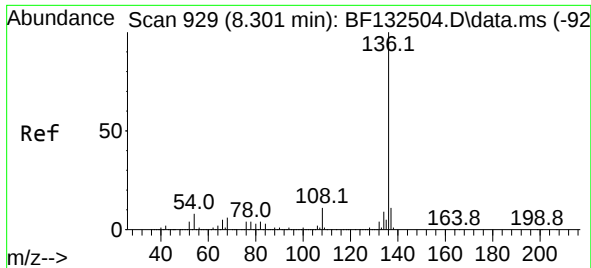


#20
3+4-Methylphenols
Concen: 33.299 ng
RT: 7.375 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00



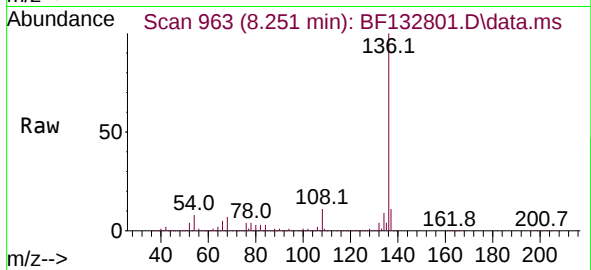
Tgt Ion:107 Resp: 596355
Ion Ratio Lower Upper
107 100
108 89.2 72.6 112.6
77 114.2 104.0 144.0
79 30.5 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

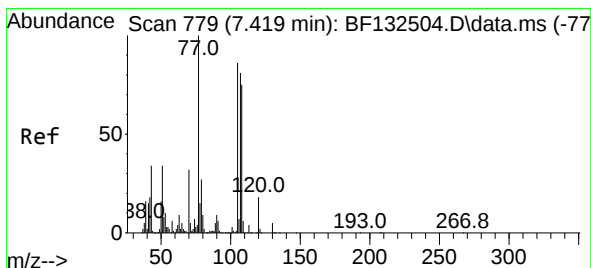
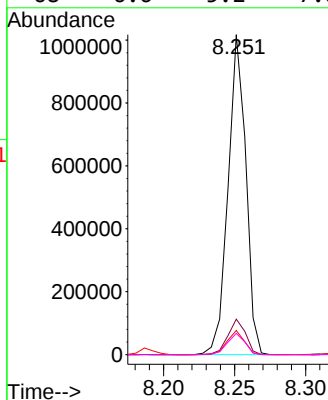
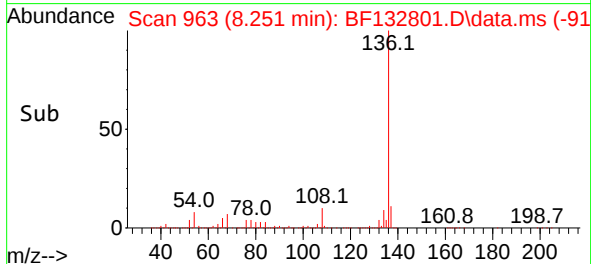
Instrument :
BNA_F
Client SampleId :
PB151406BS



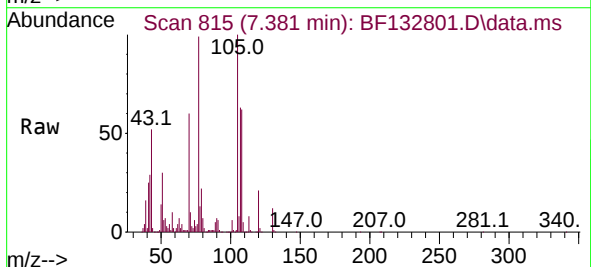
Tgt Ion:136 Resp: 882706
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.5 6.2 9.4
68 6.6 5.2 7.8

Manual Integrations
APPROVED

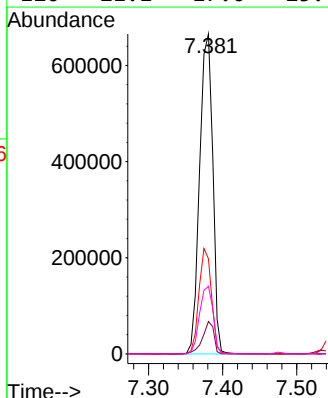
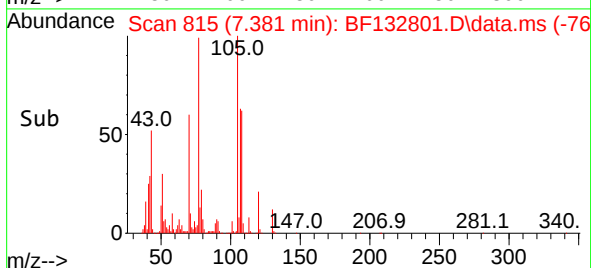
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023

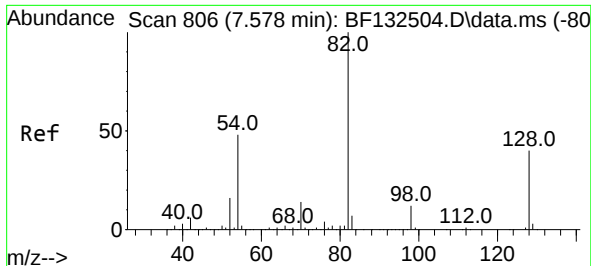


#22
Acetophenone
Concen: 36.805 ng
RT: 7.381 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00



Tgt Ion:105 Resp: 819209
Ion Ratio Lower Upper
105 100
71 10.1 5.0 7.4#
51 29.7 31.5 47.3#
120 21.1 17.0 25.4





#23

Nitrobenzene-d5

Concen: 59.862 ng

RT: 7.534 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

Instrument :

BNA_F

ClientSampleId :

PB151406BS

Tgt Ion: 82 Resp: 1113740

Ion Ratio Lower Upper

82 100

128 42.5 32.2 48.2

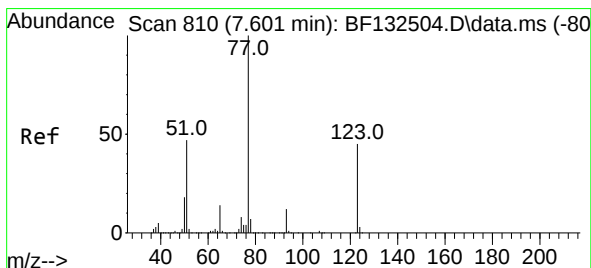
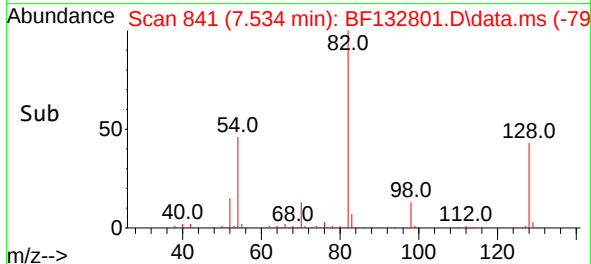
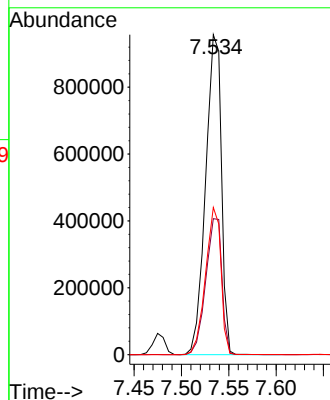
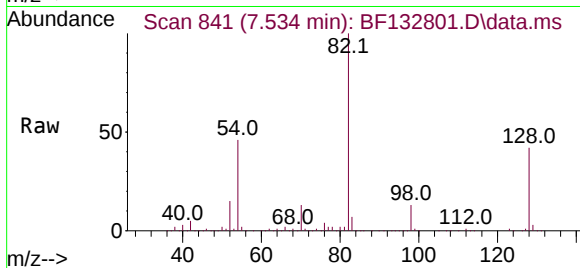
54 46.0 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2023

Supervised By :Jagrut Upadhyay 03/16/2023



#24

Nitrobenzene

Concen: 38.859 ng

RT: 7.557 min Scan# 845

Delta R.T. -0.000 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

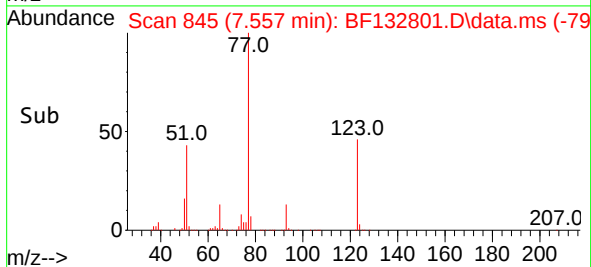
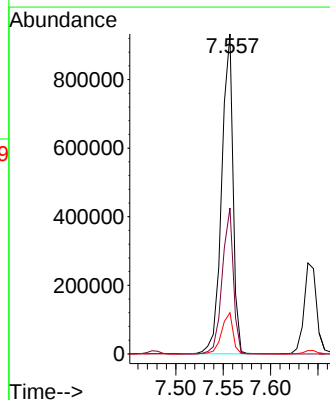
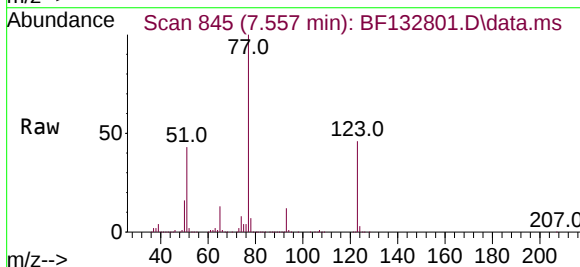
Tgt Ion: 77 Resp: 773216

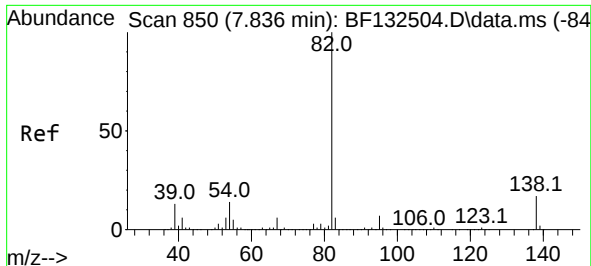
Ion Ratio Lower Upper

77 100

123 45.6 35.8 53.6

65 12.9 10.9 16.3





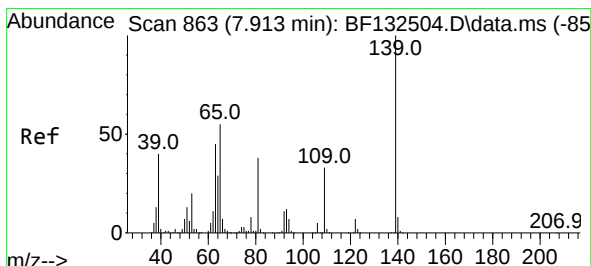
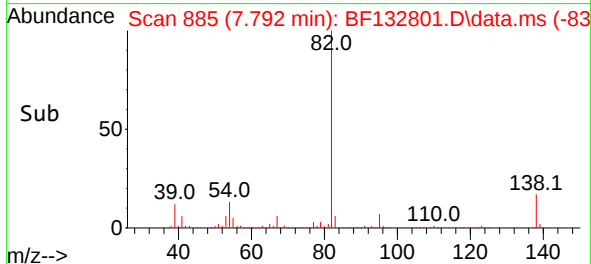
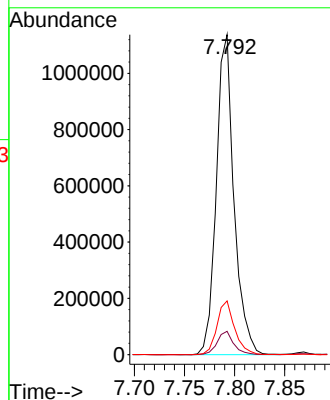
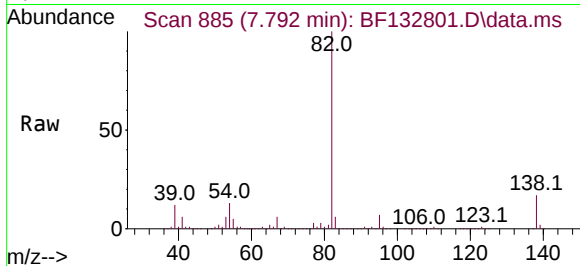
#25
Isophorone
Concen: 39.100 ng
RT: 7.792 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Instrument :
BNA_F
ClientSampleId :
PB151406BS

Tgt Ion: 82 Resp: 1394691
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 16.8 13.3 19.9

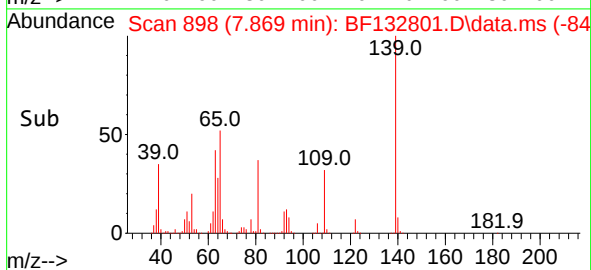
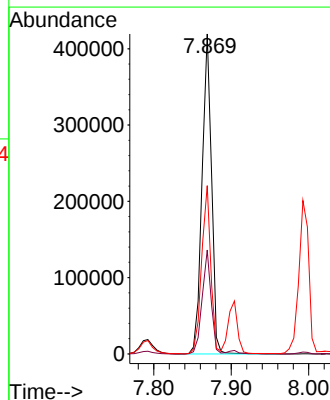
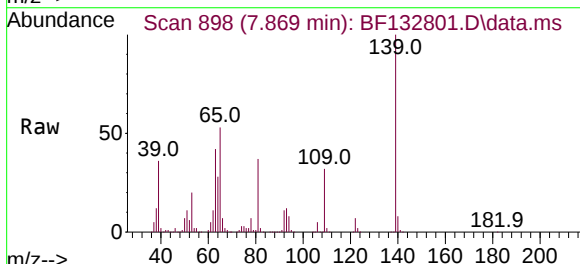
Manual Integrations
APPROVED

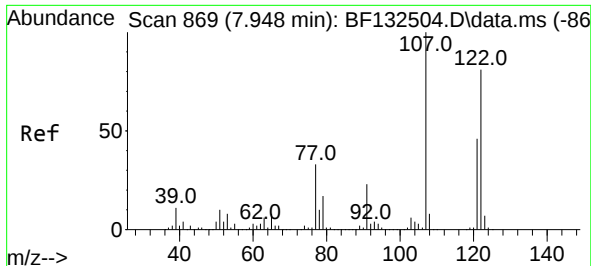
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#26
2-Nitrophenol
Concen: 40.693 ng
RT: 7.869 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Tgt Ion:139 Resp: 357259
Ion Ratio Lower Upper
139 100
109 32.5 26.2 39.2
65 52.6 43.8 65.8





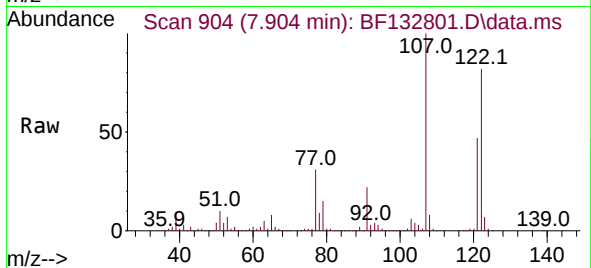
#27
2,4-Dimethylphenol
Concen: 42.866 ng
RT: 7.904 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Instrument :

BNA_F

ClientSampleId :

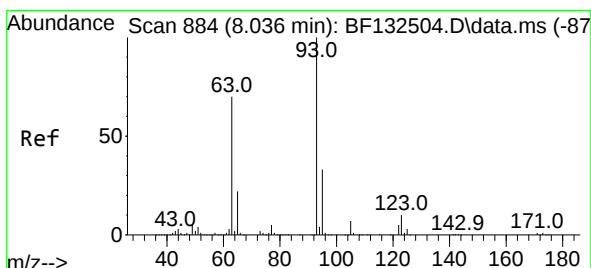
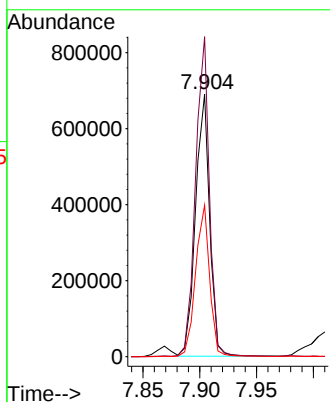
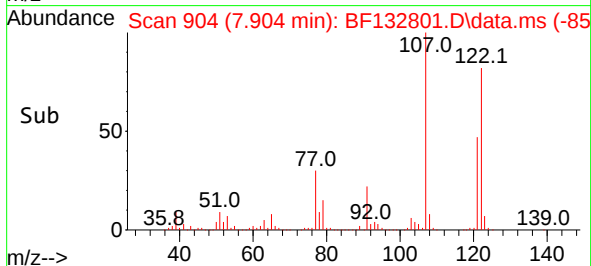
PB151406BS



Tgt Ion:122 Resp: 593960
Ion Ratio Lower Upper
122 100
107 121.9 98.7 148.1
121 57.7 45.8 68.6

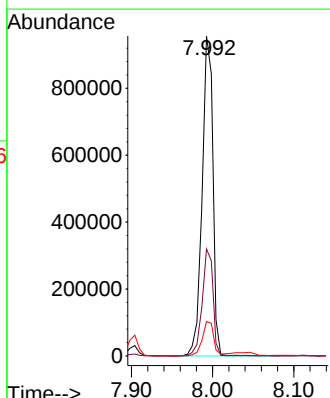
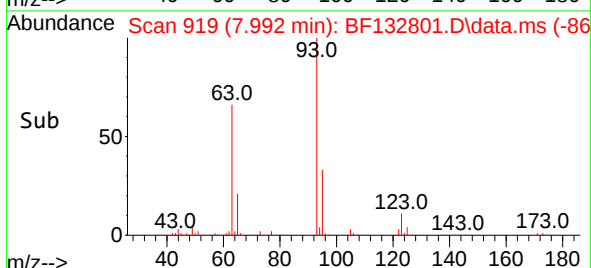
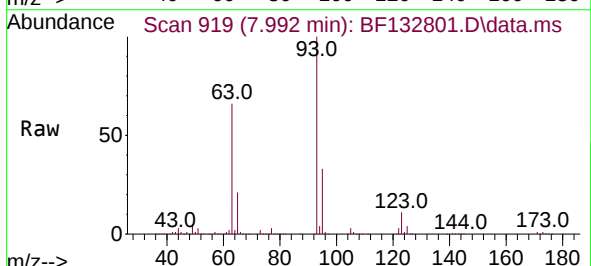
Manual Integrations
APPROVED

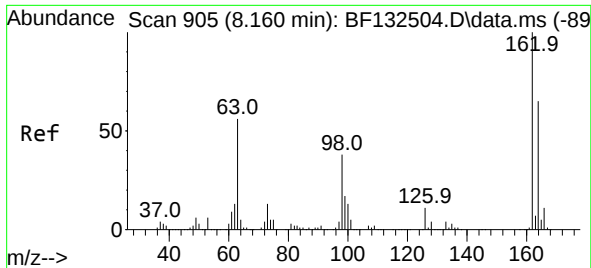
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.290 ng
RT: 7.992 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Tgt Ion: 93 Resp: 882449
Ion Ratio Lower Upper
93 100
95 33.4 26.3 39.5
123 10.7 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 42.587 ng

RT: 8.116 min Scan# 94

Delta R.T. 0.006 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

Instrument :

BNA_F

ClientSampleId :

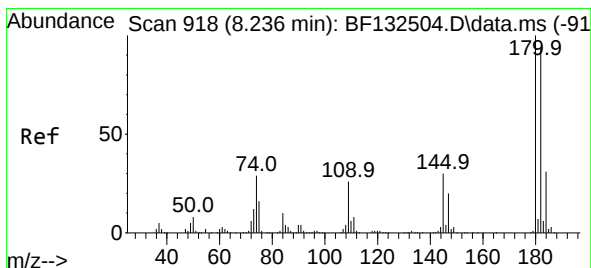
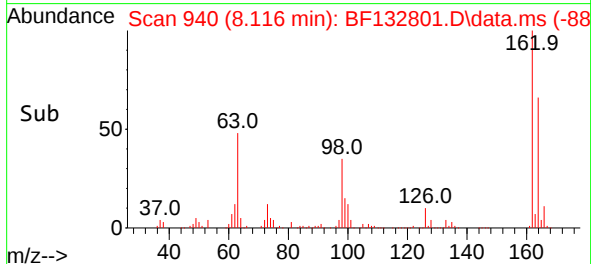
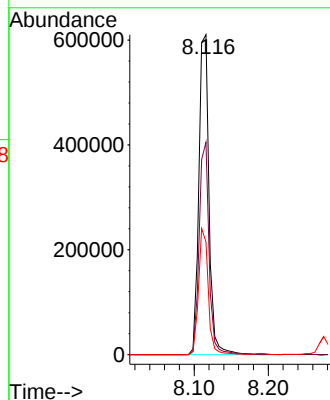
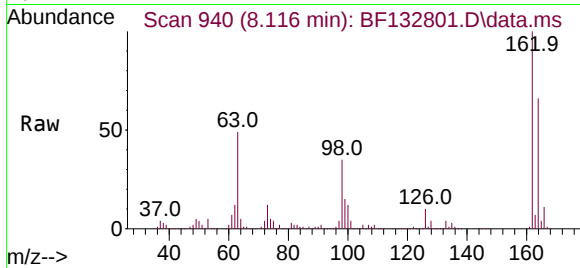
PB151406BS

Tgt Ion:162 Resp: 586994
 Ion Ratio Lower Upper
 162 100
 164 66.3 45.3 85.3
 98 35.2 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2023
 Supervised By :Jagrut Upadhyay 03/16/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.497 ng

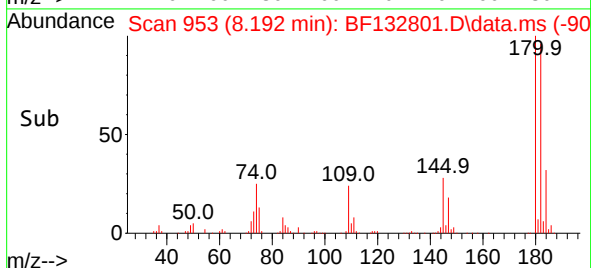
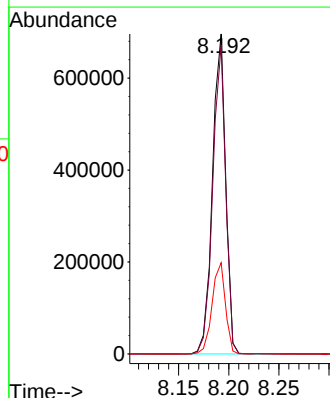
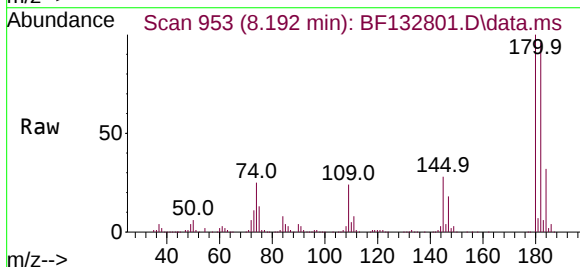
RT: 8.192 min Scan# 953

Delta R.T. -0.000 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

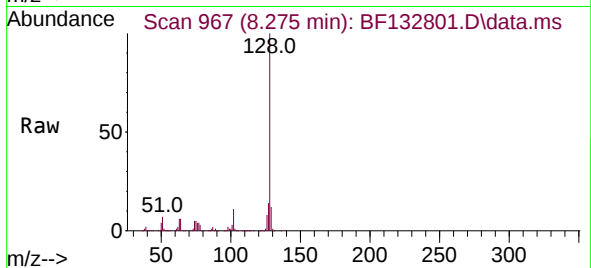
Tgt Ion:180 Resp: 636053
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.1 112.7
 145 28.5 23.8 35.6





#31
Naphthalene
Concen: 39.849 ng
RT: 8.275 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

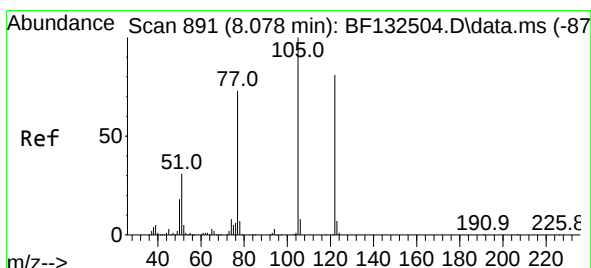
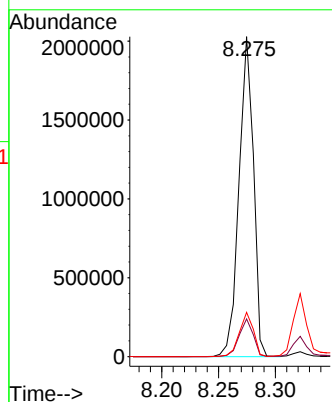
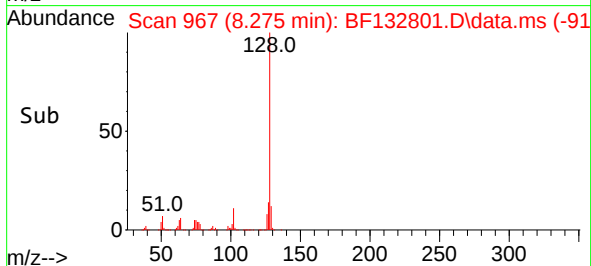
Instrument :
BNA_F
ClientSampleId :
PB151406BS



Tgt Ion:128 Resp: 1800724
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.8 11.0 16.6

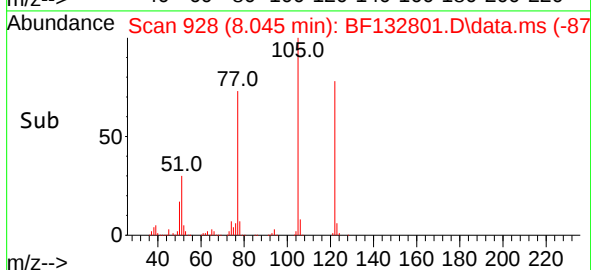
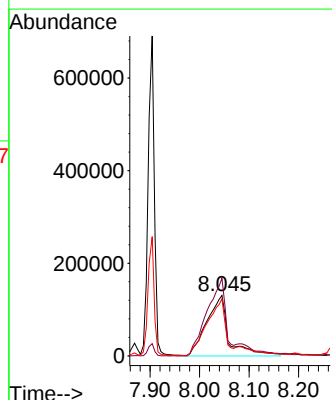
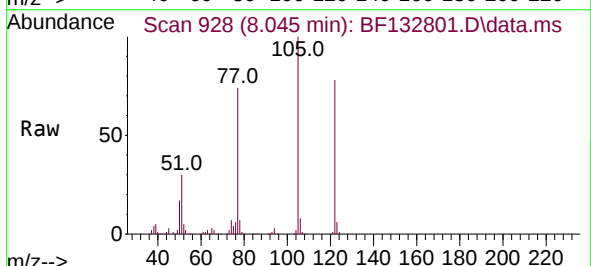
Manual Integrations
APPROVED

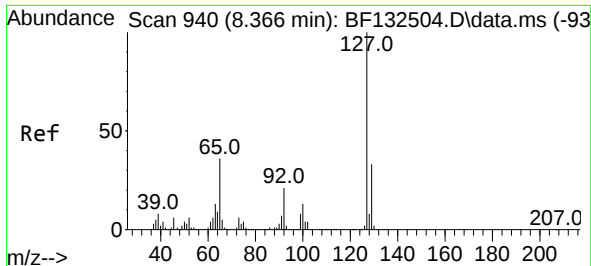
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#32
Benzoic acid
Concen: 38.251 ng m
RT: 8.045 min Scan# 928
Delta R.T. 0.012 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Tgt Ion:122 Resp: 408415
Ion Ratio Lower Upper
122 100
105 128.2 102.6 142.6
77 94.3 70.2 110.2





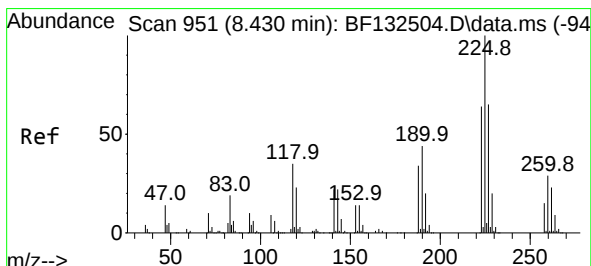
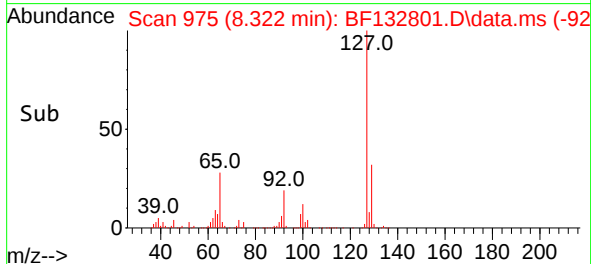
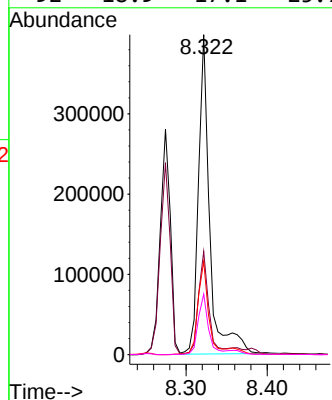
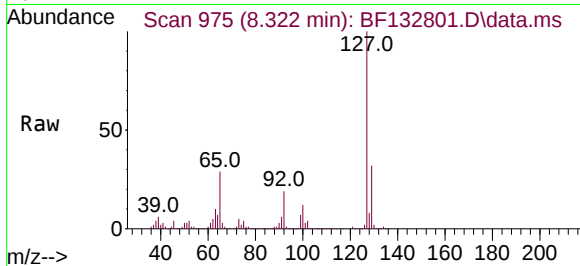
#33
4-Chloroaniline
Concen: 19.806 ng
RT: 8.322 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Instrument :
BNA_F
ClientSampleId :
PB151406BS

Tgt Ion:	127	Resp:	38352
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.4	39.6
65	29.2	28.8	43.2
92	18.9	17.1	25.7

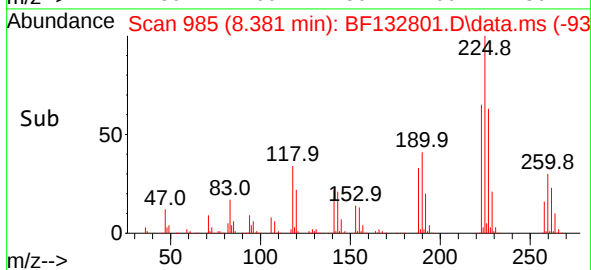
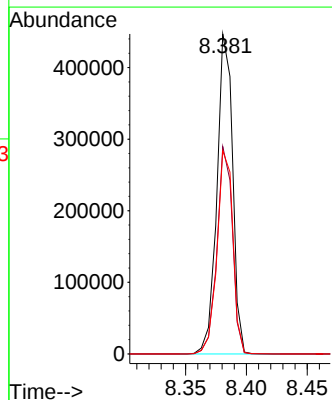
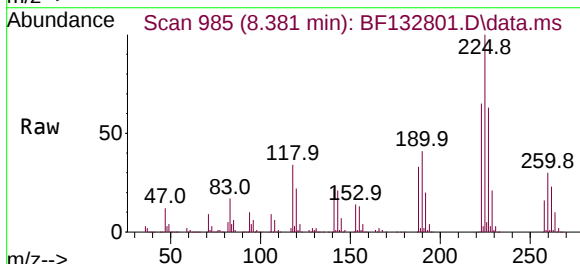
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#34
Hexachlorobutadiene
Concen: 42.110 ng
RT: 8.381 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

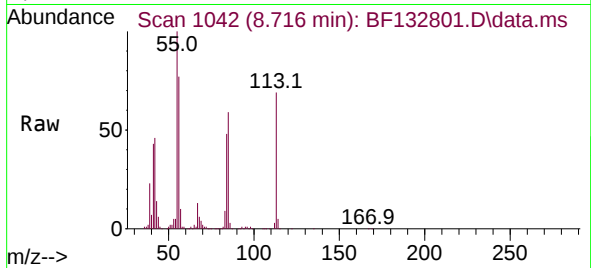
Tgt Ion:	225	Resp:	400501
Ion Ratio	Lower	Upper	
225	100		
223	64.8	51.0	76.4
227	63.5	51.7	77.5





#35
Caprolactam
Concen: 46.270 ng m
RT: 8.716 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

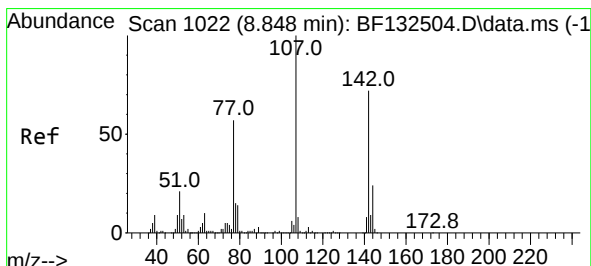
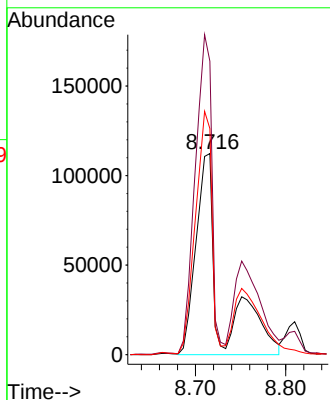
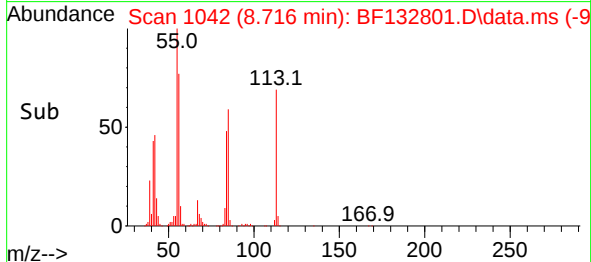
Instrument :
BNA_F
ClientSampleId :
PB151406BS



Tgt Ion:113 Resp: 210256
Ion Ratio Lower Upper
113 100
55 145.9 149.4 189.4
56 112.5 105.0 145.0

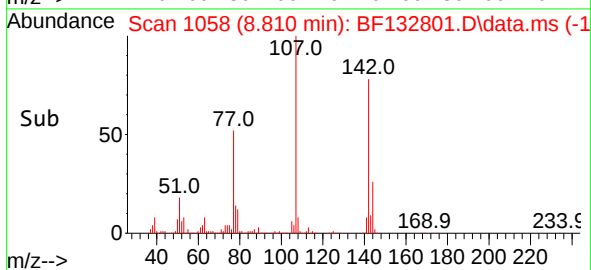
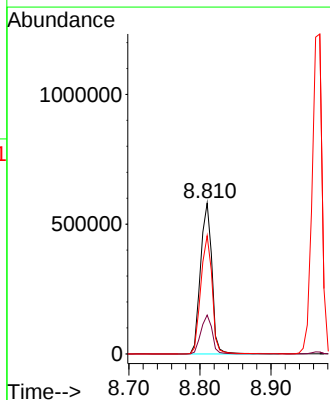
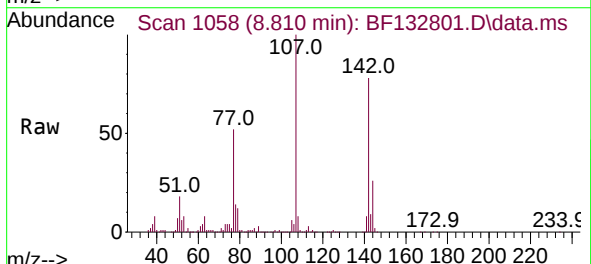
Manual Integrations
APPROVED

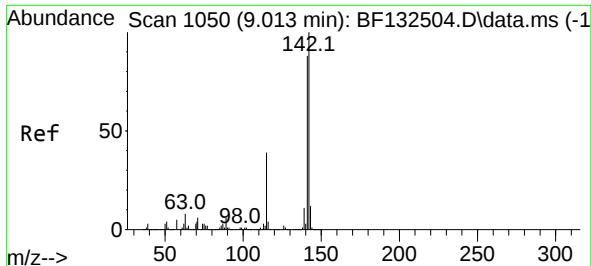
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#36
4-Chloro-3-methylphenol
Concen: 42.580 ng
RT: 8.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

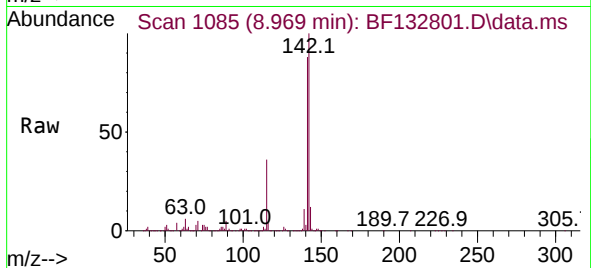
Tgt Ion:107 Resp: 644539
Ion Ratio Lower Upper
107 100
144 25.7 18.9 28.3
142 78.3 57.9 86.9





#37
2-Methylnaphthalene
Concen: 39.005 ng
RT: 8.969 min Scan# 1050
Delta R.T. 0.006 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

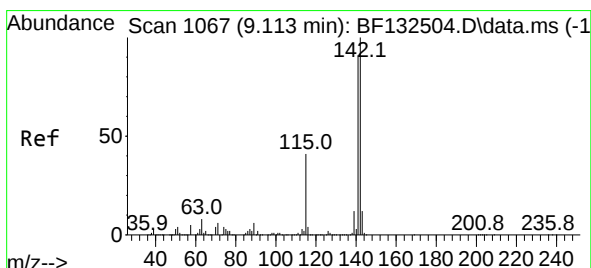
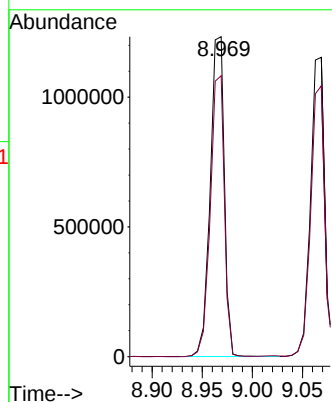
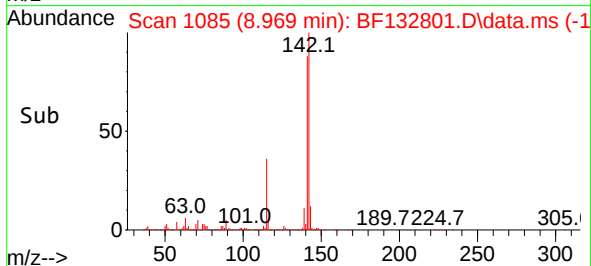
Instrument :
BNA_F
ClientSampleId :
PB151406BS



Tgt Ion:142 Resp: 1201181
Ion Ratio Lower Upper
142 100
141 87.8 70.2 105.2

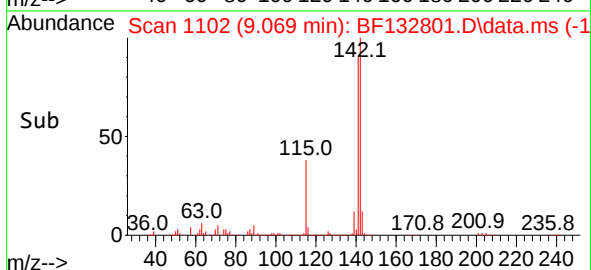
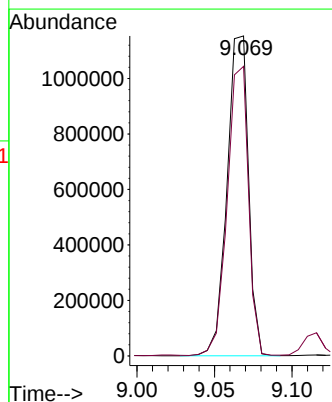
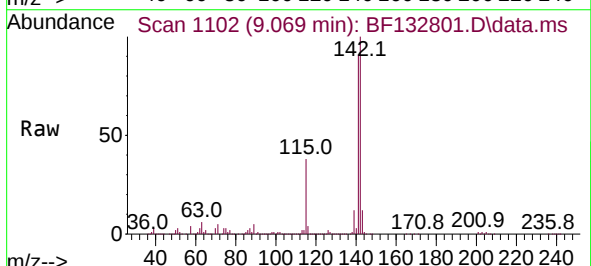
Manual Integrations
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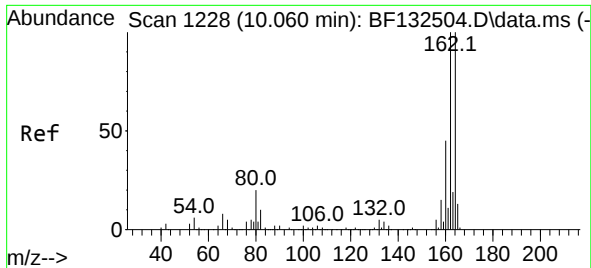
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#38
1-Methylnaphthalene
Concen: 38.646 ng
RT: 9.069 min Scan# 1102
Delta R.T. 0.006 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Tgt Ion:142 Resp: 1112219
Ion Ratio Lower Upper
142 100
141 90.5 73.0 109.6





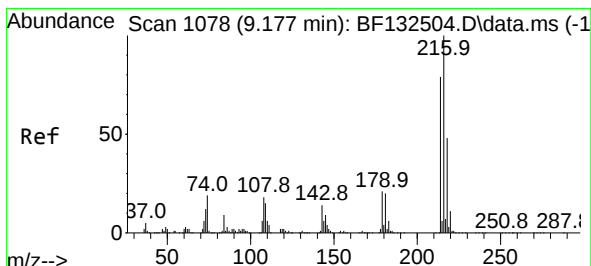
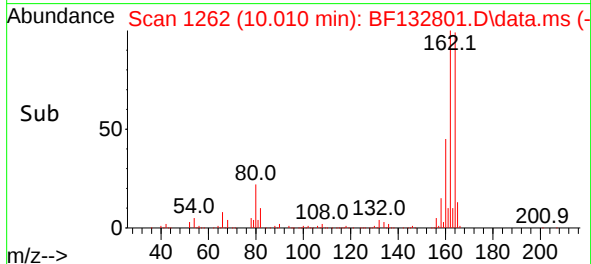
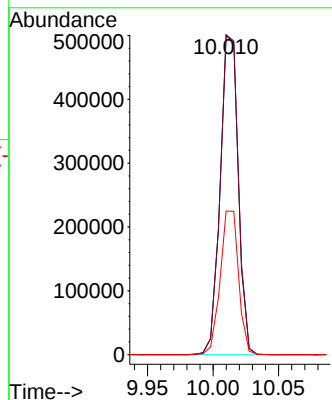
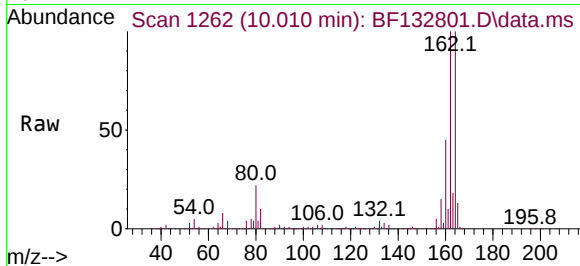
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Instrument :
BNA_F
ClientSampleId :
PB151406BS

Tgt Ion:164 Resp: 480090
Ion Ratio Lower Upper
164 100
162 100.3 79.8 119.8
160 45.0 35.8 53.6

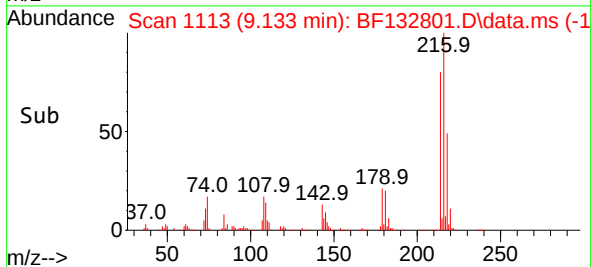
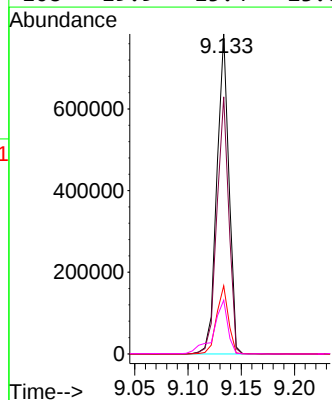
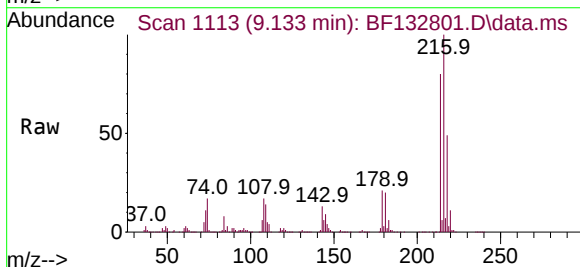
Manual Integrations
APPROVED

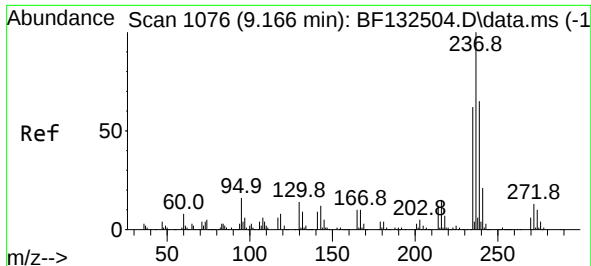
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.366 ng
RT: 9.133 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

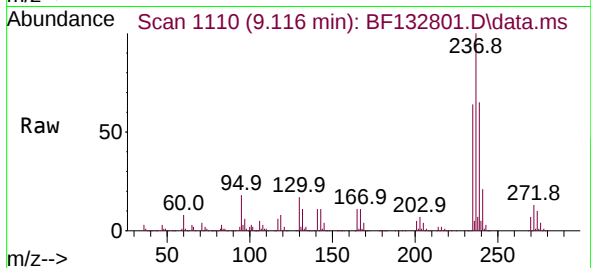
Tgt Ion:216 Resp: 618332
Ion Ratio Lower Upper
216 100
214 79.6 63.0 94.6
179 20.8 16.6 24.8
108 19.9 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 77.663 ng
RT: 9.116 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

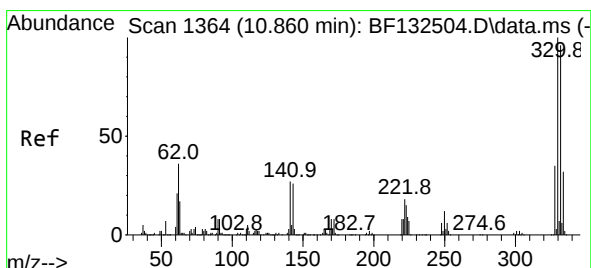
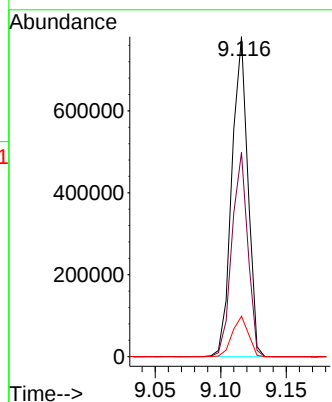
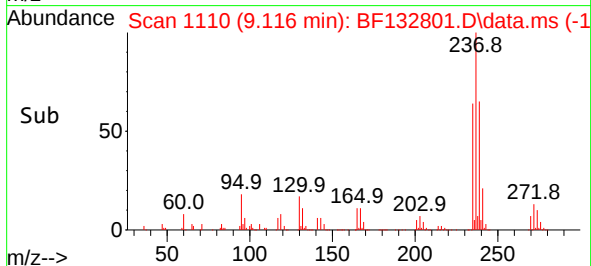
Instrument :
BNA_F
ClientSampleId :
PB151406BS



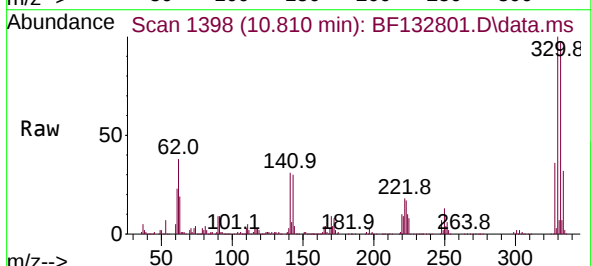
Tgt Ion:237 Resp: 661658
Ion Ratio Lower Upper
237 100
235 63.8 42.4 82.4
272 12.6 0.0 32.7

Manual Integrations
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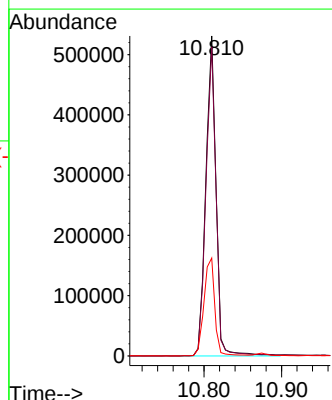
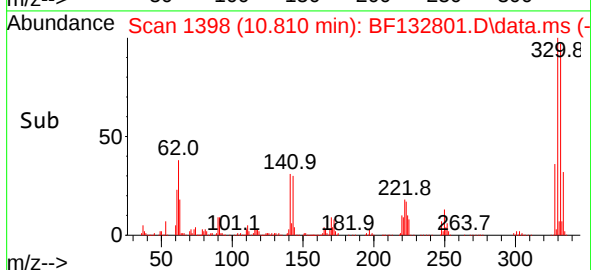
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023

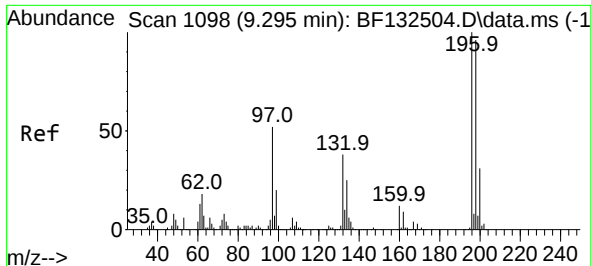


#42
2,4,6-Tribromophenol
Concen: 93.486 ng
RT: 10.810 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00



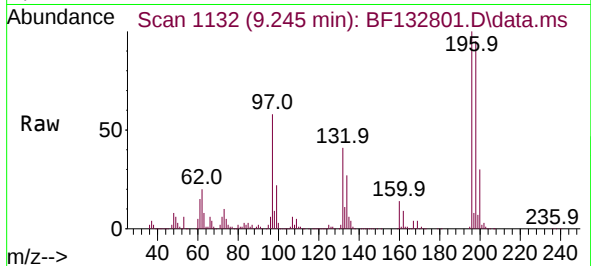
Tgt Ion:330 Resp: 484701
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 32.5 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 39.273 ng
RT: 9.245 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

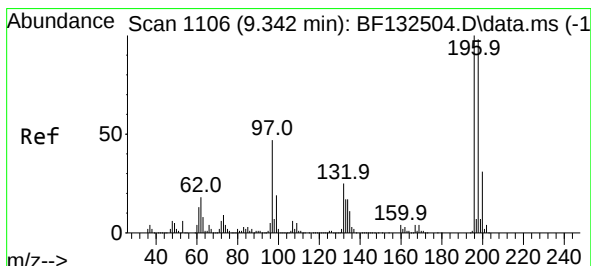
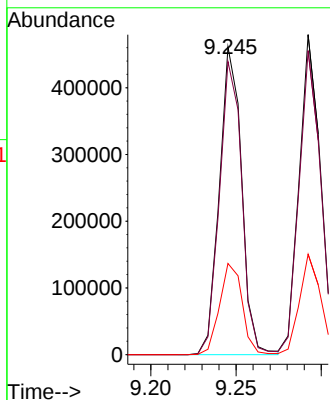
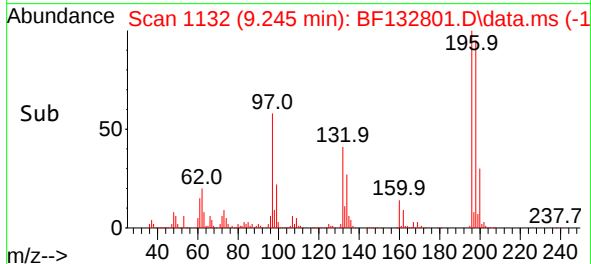
Instrument :
BNA_F
ClientSampleId :
PB151406BS



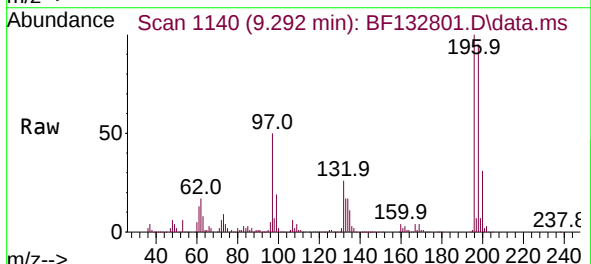
Tgt Ion:196 Resp: 418054
Ion Ratio Lower Upper
196 100
198 95.2 77.1 115.7
200 29.6 25.0 37.4

Manual Integrations
APPROVED

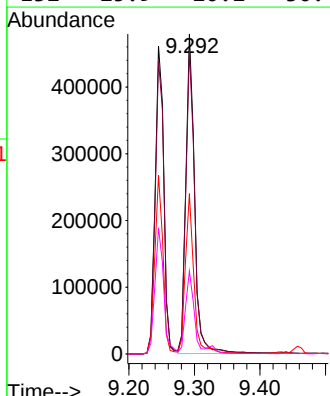
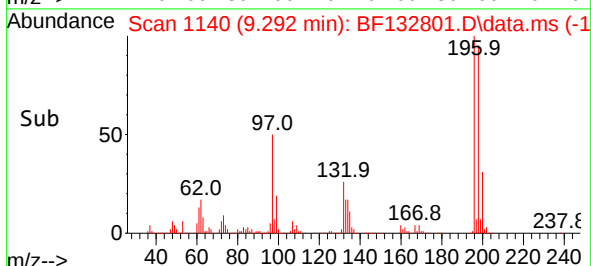
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023

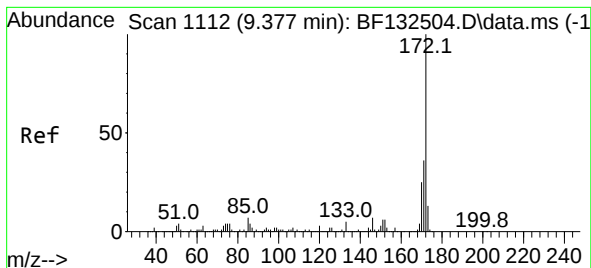


#44
2,4,5-Trichlorophenol
Concen: 36.005 ng
RT: 9.292 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00



Tgt Ion:196 Resp: 447328
Ion Ratio Lower Upper
196 100
198 95.0 78.3 117.5
97 50.1 38.1 57.1
132 25.9 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 59.111 ng

RT: 9.328 min Scan# 1112

Delta R.T. -0.000 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

Instrument :

BNA_F

ClientSampleId :

PB151406BS

Tgt Ion:172 Resp: 186374

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

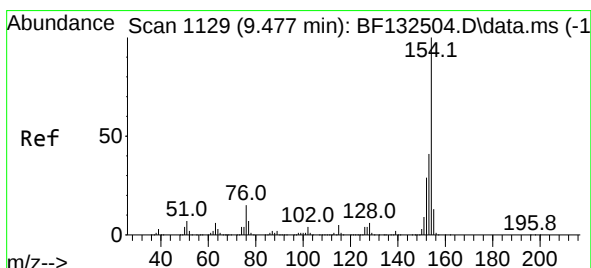
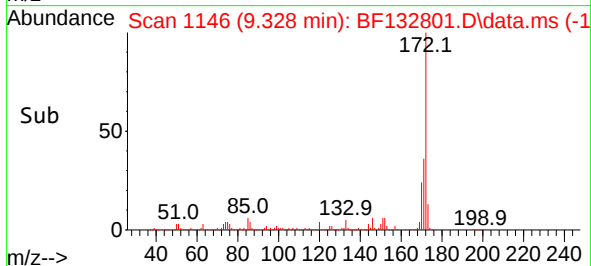
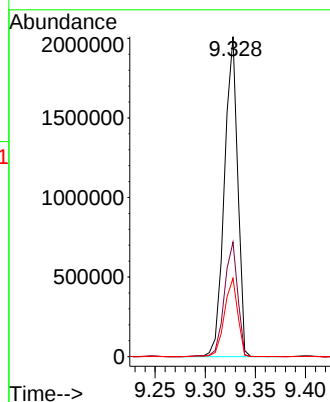
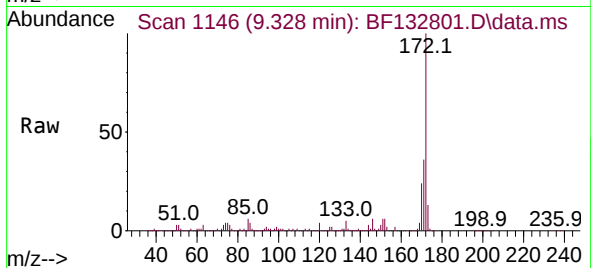
170 24.5 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2023

Supervised By :Jagrut Upadhyay 03/16/2023



#46

1,1'-Biphenyl

Concen: 39.985 ng

RT: 9.433 min Scan# 1164

Delta R.T. 0.006 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

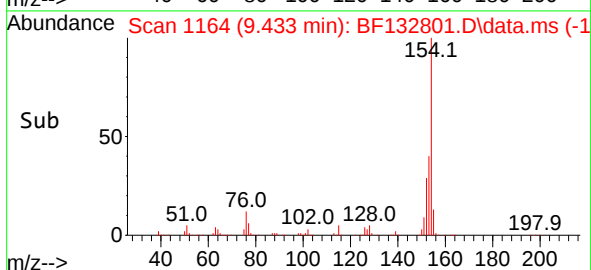
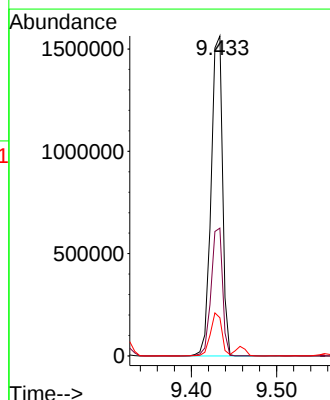
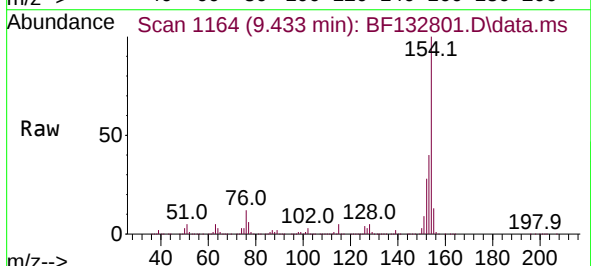
Tgt Ion:154 Resp: 1452929

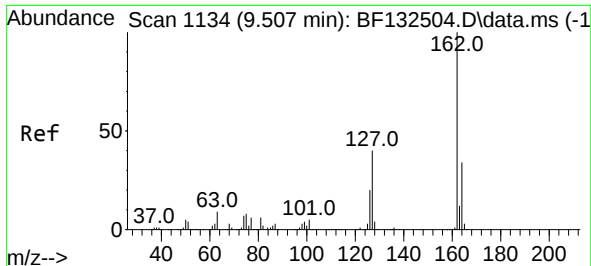
Ion Ratio Lower Upper

154 100

153 39.9 20.9 60.9

76 12.0 0.0 34.7





#47
2-Chloronaphthalene
Concen: 40.572 ng
RT: 9.457 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Instrument :

BNA_F

ClientSampleId :

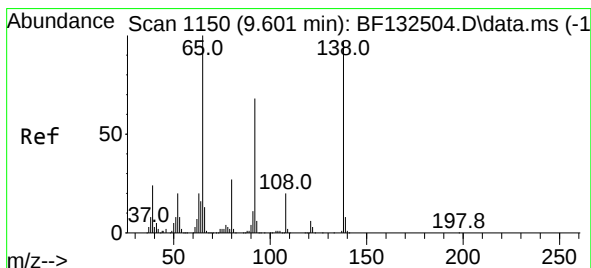
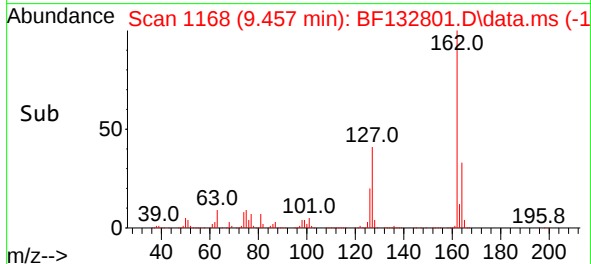
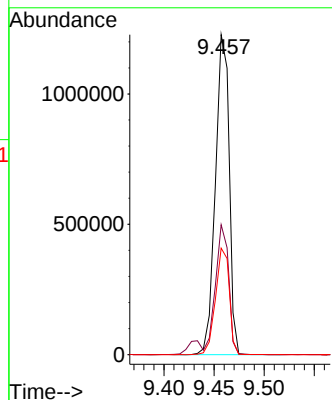
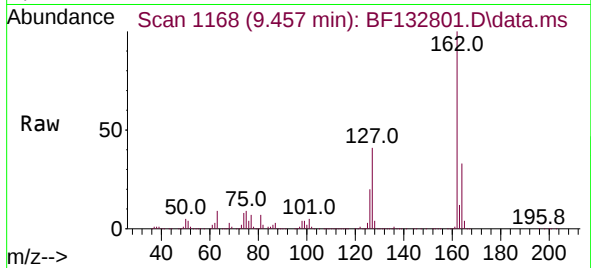
PB151406BS

Tgt Ion:162 Resp: 1168872
Ion Ratio Lower Upper
162 100
127 40.6 32.3 48.5
164 33.3 26.9 40.3

Manual Integrations

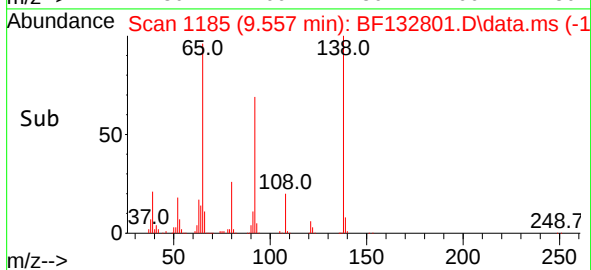
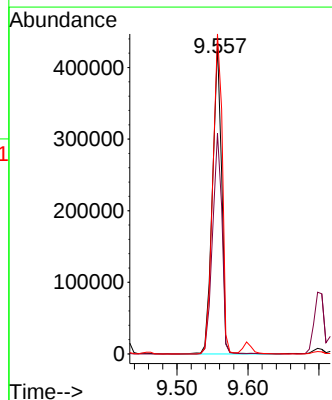
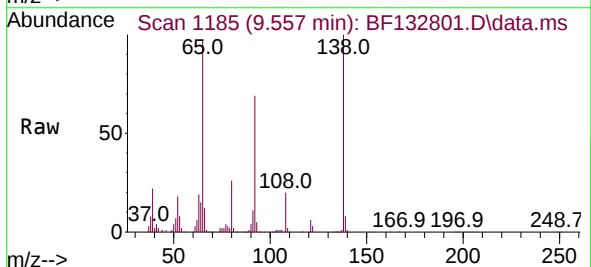
APPROVED

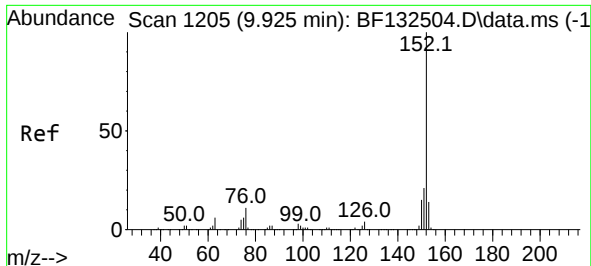
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#48
2-Nitroaniline
Concen: 36.277 ng
RT: 9.557 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

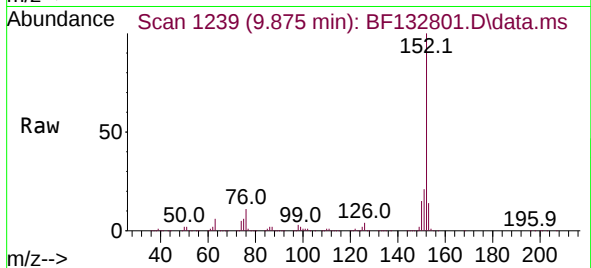
Tgt Ion: 65 Resp: 384929
Ion Ratio Lower Upper
65 100
92 71.2 54.5 81.7
138 103.3 77.2 115.8





#49
Acenaphthylene
Concen: 37.443 ng
RT: 9.875 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

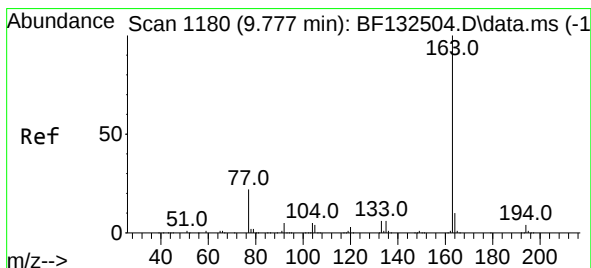
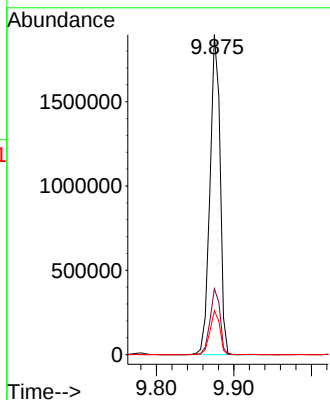
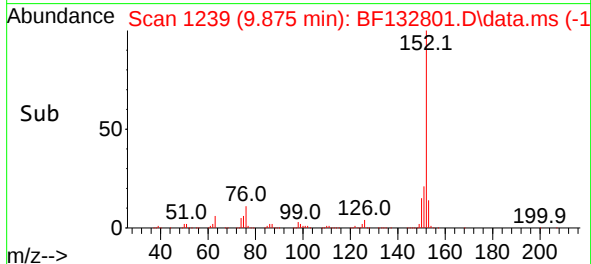
Instrument :
BNA_F
ClientSampleId :
PB151406BS



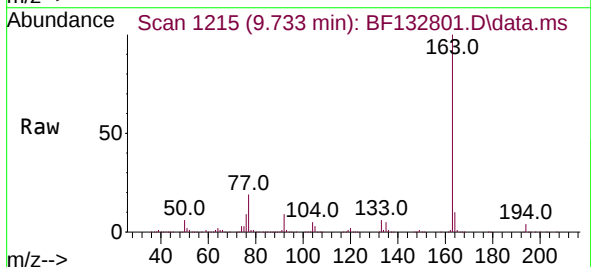
Tgt Ion:152 Resp: 1716816
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.7 11.0 16.6

Manual Integrations
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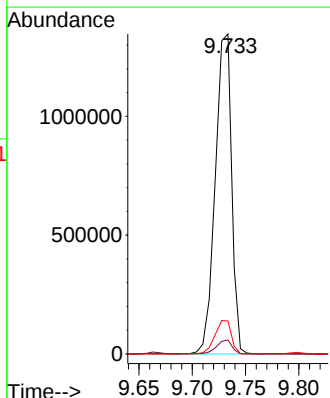
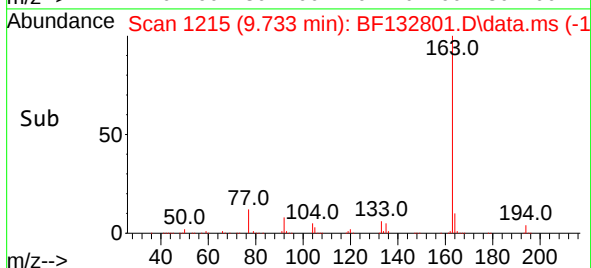
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023

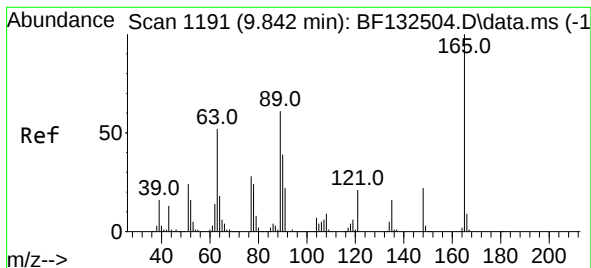


#50
Dimethylphthalate
Concen: 41.366 ng
RT: 9.733 min Scan# 1215
Delta R.T. 0.006 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00



Tgt Ion:163 Resp: 1446026
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.3 8.3 12.5





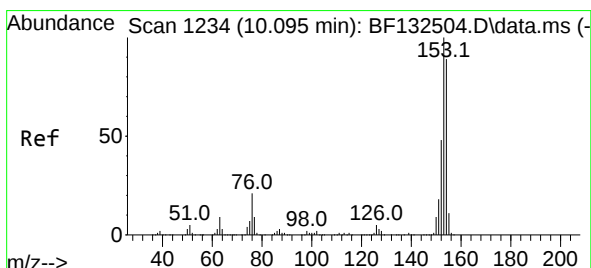
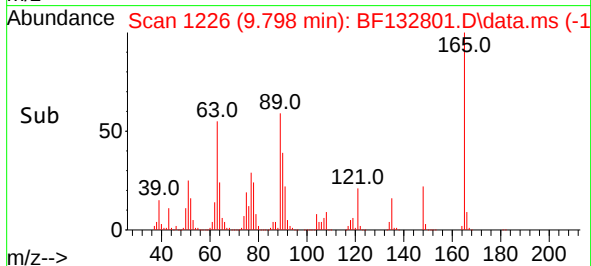
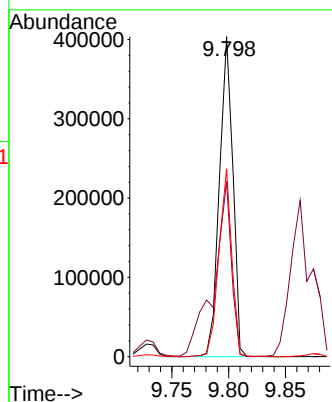
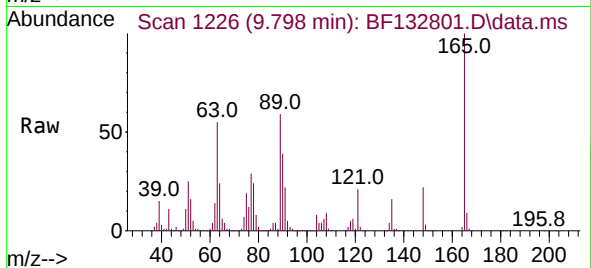
#51
2,6-Dinitrotoluene
Concen: 41.552 ng
RT: 9.798 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Instrument :
BNA_F
ClientSampleId :
PB151406BS

Tgt Ion:165 Resp: 330792
Ion Ratio Lower Upper
165 100
63 54.7 47.3 70.9
89 58.7 48.9 73.3

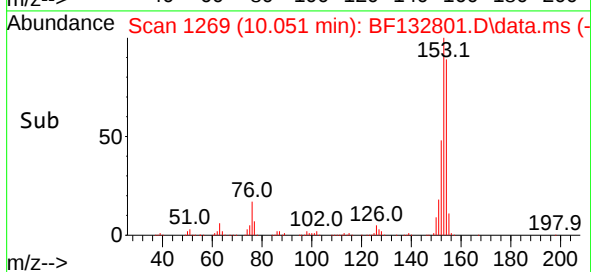
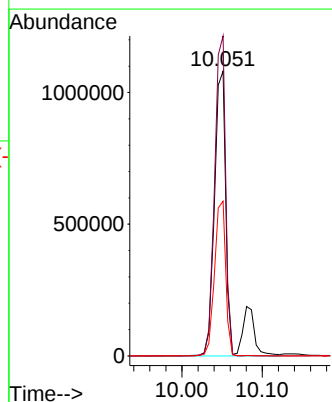
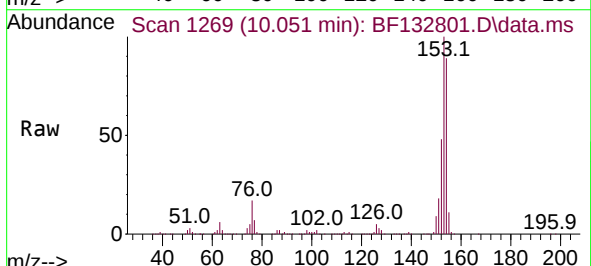
Manual Integrations
APPROVED

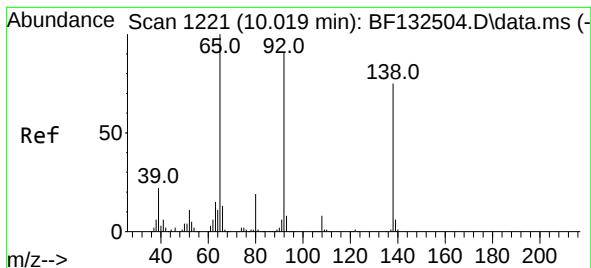
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#52
Acenaphthene
Concen: 42.464 ng m
RT: 10.051 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Tgt Ion:154 Resp: 1236337
Ion Ratio Lower Upper
154 100
153 112.4 89.8 134.8
152 54.3 43.3 64.9





#53
3-Nitroaniline
Concen: 27.724 ng
RT: 9.969 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Instrument :

BNA_F

ClientSampleId :

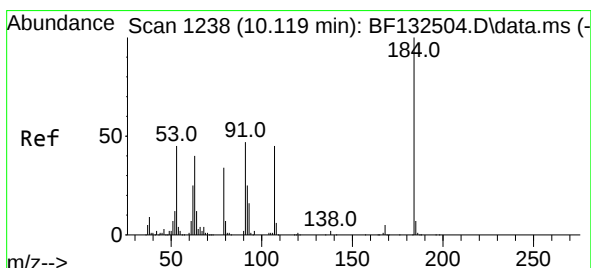
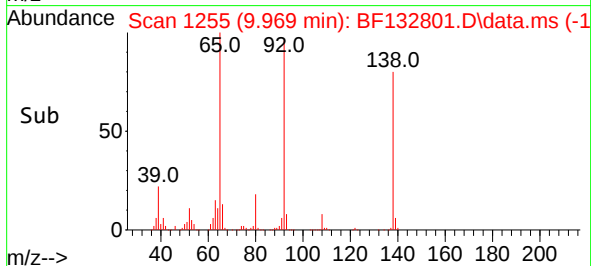
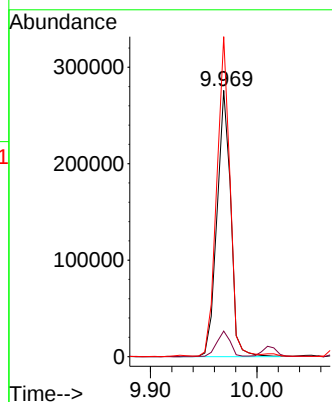
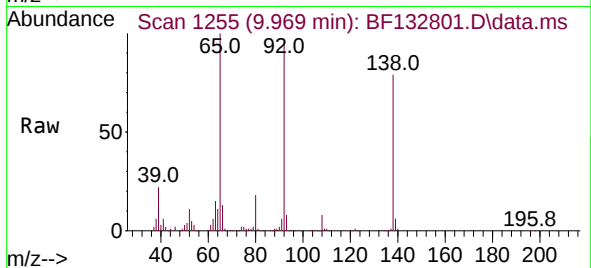
PB151406BS

Tgt Ion:138 Resp: 246894
Ion Ratio Lower Upper
138 100
108 9.6 8.1 12.1
92 120.2 97.2 145.8

Manual Integrations

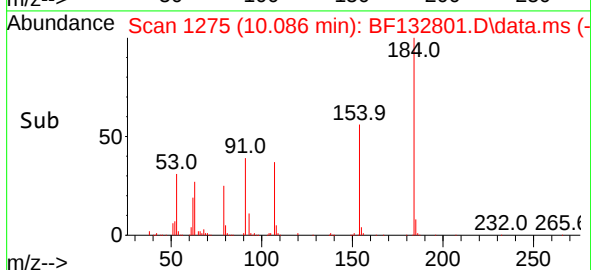
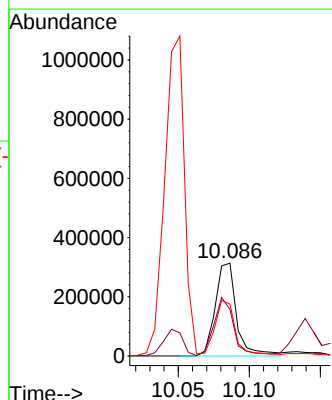
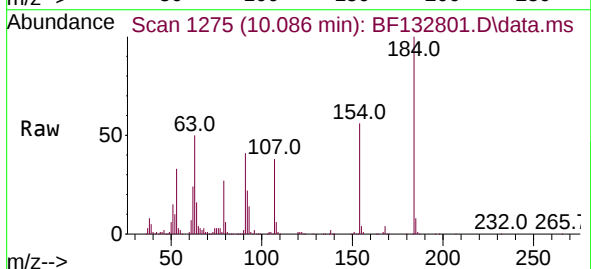
APPROVED

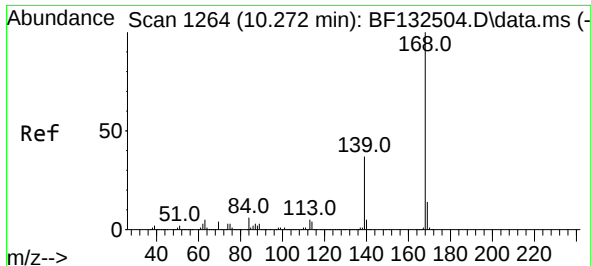
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#54
2,4-Dinitrophenol
Concen: 65.561 ng
RT: 10.086 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

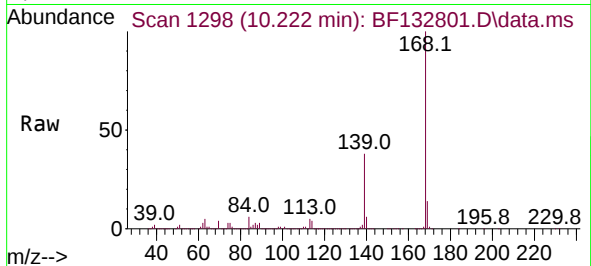
Tgt Ion:184 Resp: 327192
Ion Ratio Lower Upper
184 100
63 50.1 51.4 77.2#
154 55.9 48.3 72.5





#55
Dibenzenofuran
Concen: 37.255 ng
RT: 10.222 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

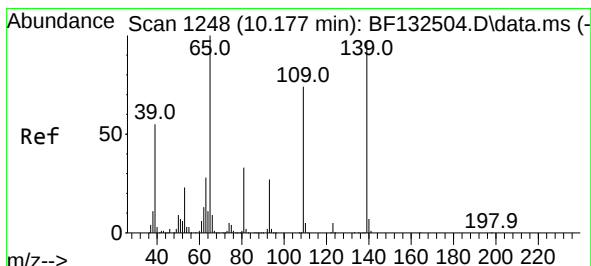
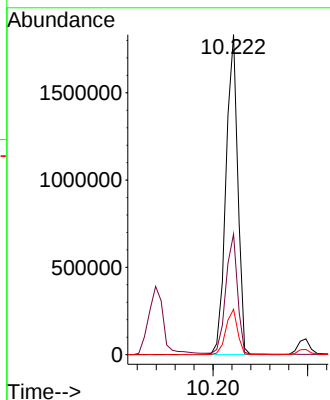
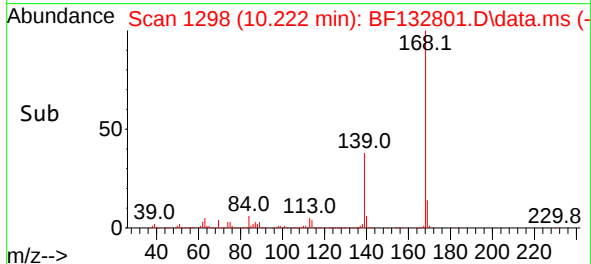
Instrument :
BNA_F
ClientSampleId :
PB151406BS



Tgt Ion:168 Resp: 158131
Ion Ratio Lower Upper
168 100
139 37.7 29.8 44.6
169 14.2 10.9 16.3

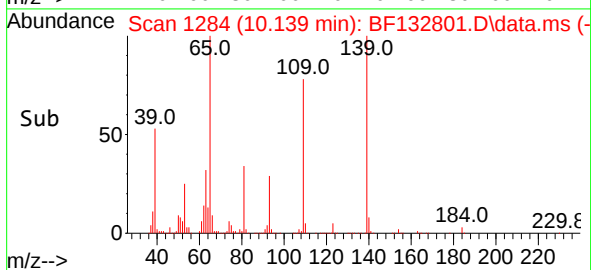
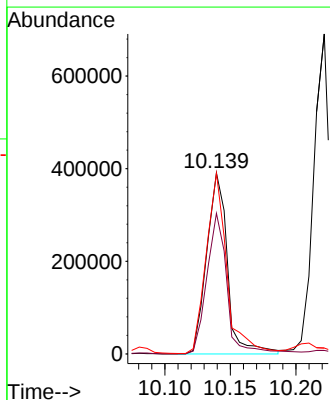
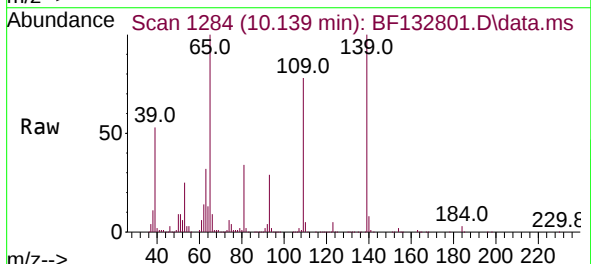
Manual Integrations
APPROVED

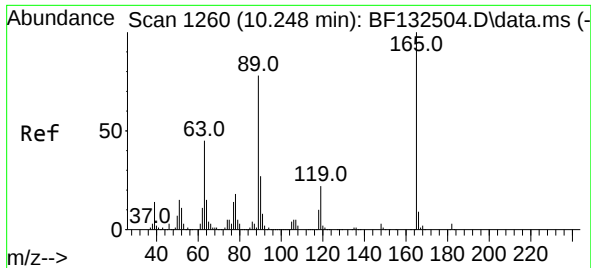
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#56
4-Nitrophenol
Concen: 64.460 ng
RT: 10.139 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Tgt Ion:139 Resp: 428099
Ion Ratio Lower Upper
139 100
109 77.7 56.7 96.7
65 99.9 83.5 123.5





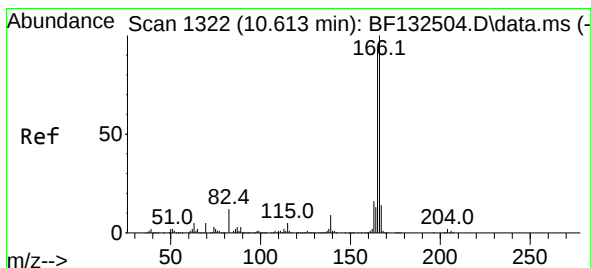
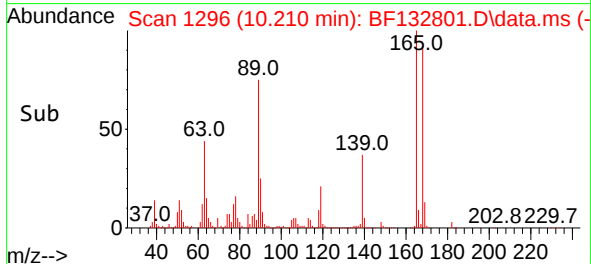
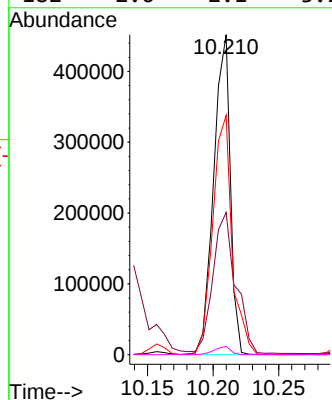
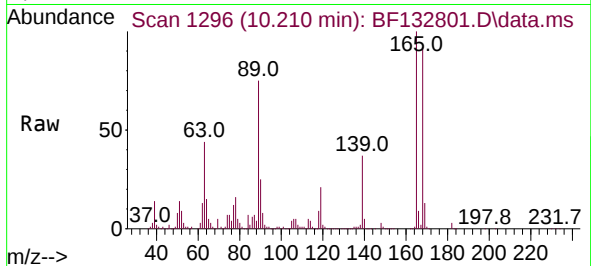
#57
2,4-Dinitrotoluene
Concen: 37.748 ng
RT: 10.210 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Instrument :
BNA_F
ClientSampleId :
PB151406BS

Tgt Ion:165 Resp: 399792
Ion Ratio Lower Upper
165 100
63 44.4 36.5 54.7
89 74.8 62.4 93.6
182 2.6 2.1 3.1

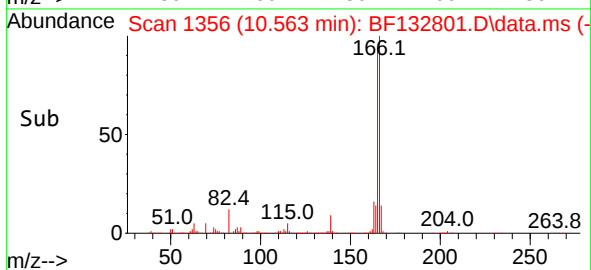
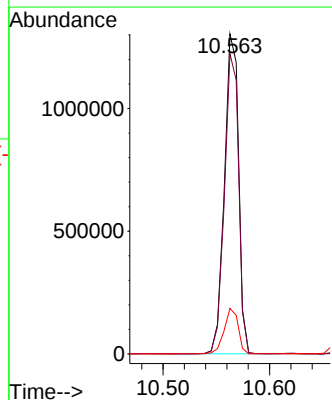
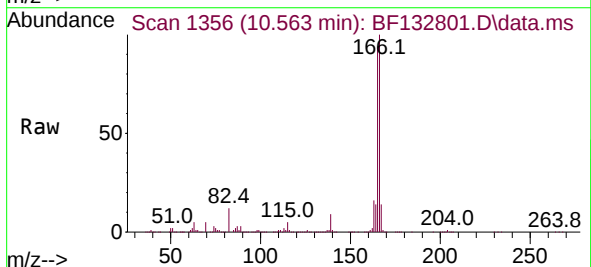
Manual Integrations
APPROVED

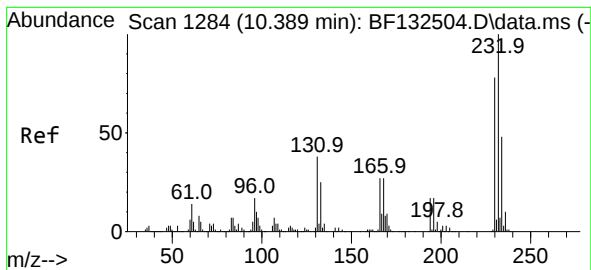
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#58
Fluorene
Concen: 37.289 ng
RT: 10.563 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

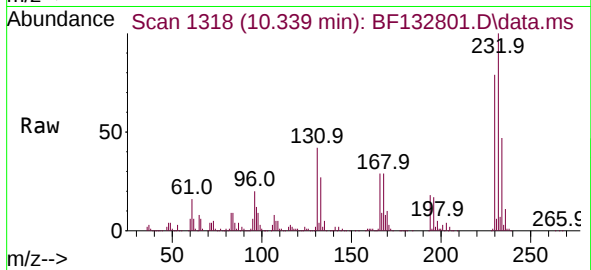
Tgt Ion:166 Resp: 1210655
Ion Ratio Lower Upper
166 100
165 93.8 74.2 111.4
167 14.2 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.885 ng
RT: 10.339 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

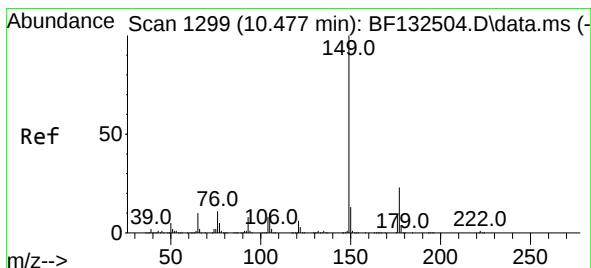
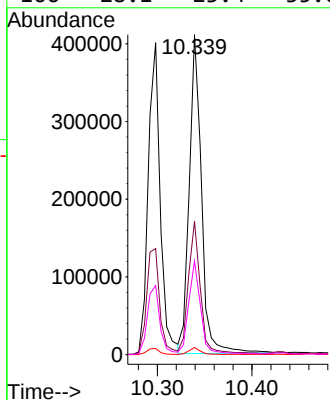
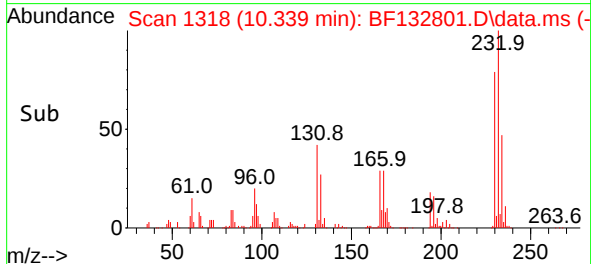
Instrument :
BNA_F
ClientSampleId :
PB151406BS



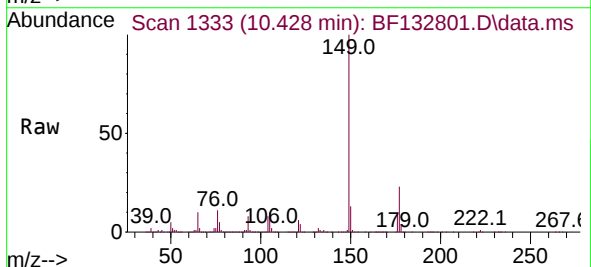
Tgt Ion:232 Resp: 368097
Ion Ratio Lower Upper
232 100
131 40.6 33.8 50.8
130 2.0 1.7 2.5
166 28.1 23.4 35.0

Manual Integrations
APPROVED

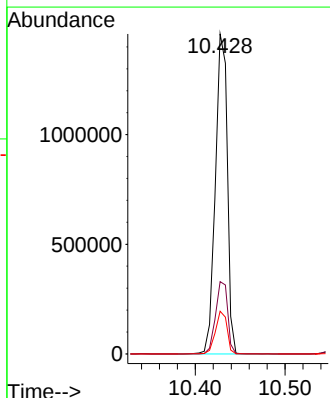
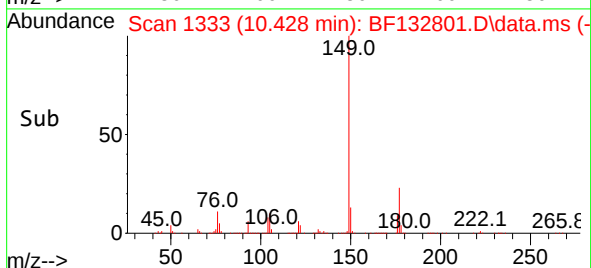
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023

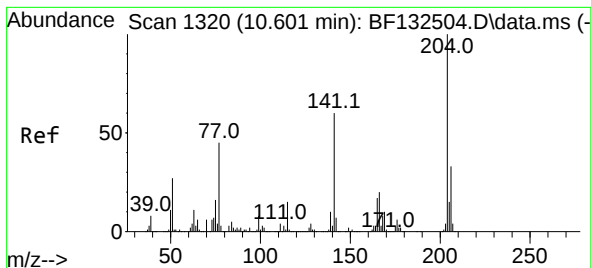


#60
Diethylphthalate
Concen: 39.460 ng
RT: 10.428 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00



Tgt Ion:149 Resp: 1347189
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 13.3 10.2 15.2





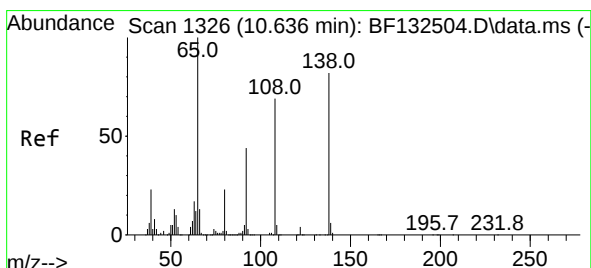
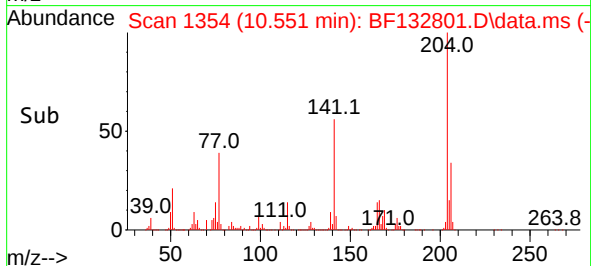
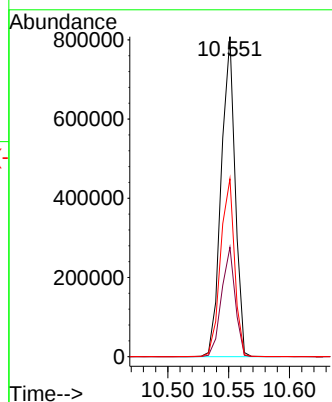
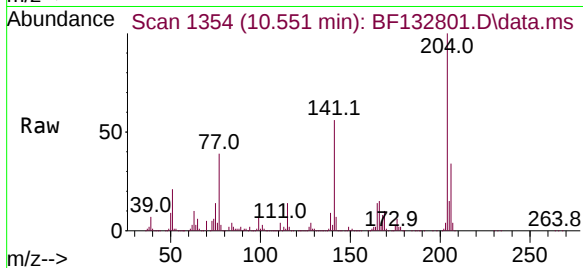
#61
4-Chlorophenyl-phenylether
Concen: 38.135 ng
RT: 10.551 min Scan# 131
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Instrument :
BNA_F
ClientSampleId :
PB151406BS

Tgt Ion:204 Resp: 642293
Ion Ratio Lower Upper
204 100
206 34.2 26.3 39.5
141 55.6 47.8 71.8

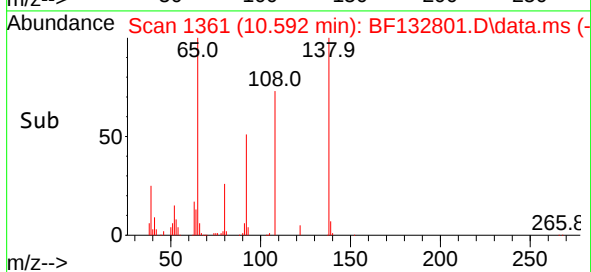
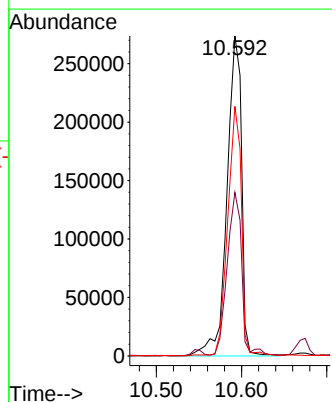
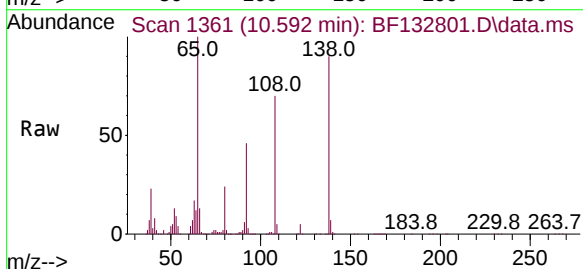
Manual Integrations
APPROVED

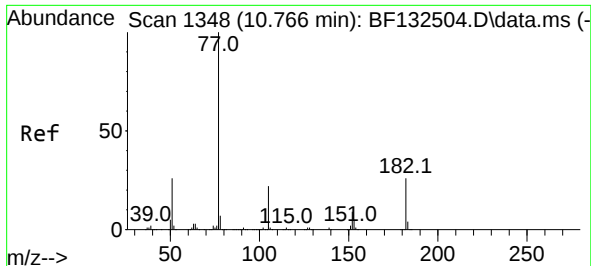
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#62
4-Nitroaniline
Concen: 37.253 ng
RT: 10.592 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Tgt Ion:138 Resp: 325649
Ion Ratio Lower Upper
138 100
92 51.1 33.8 73.8
108 78.0 63.7 103.7





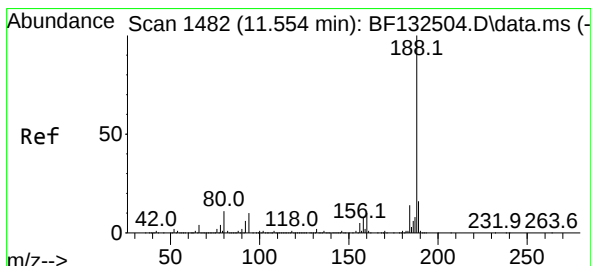
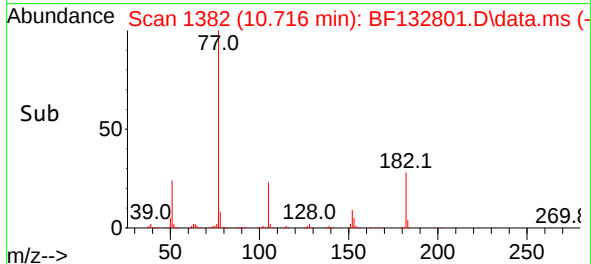
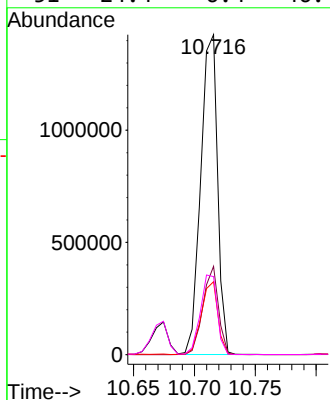
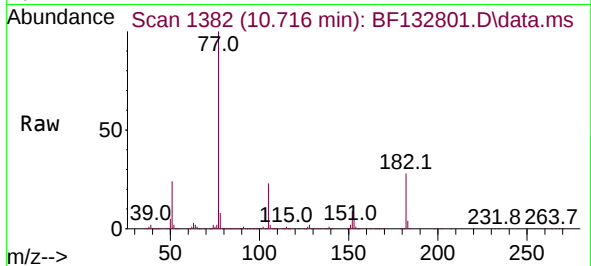
#63
Azobenzene
Concen: 38.059 ng
RT: 10.716 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Instrument :
BNA_F
ClientSampleId :
PB151406BS

Tgt Ion: 77 Resp: 1376090
Ion Ratio Lower Upper
77 100
182 27.6 5.5 45.5
105 22.8 1.8 41.8
51 24.4 6.4 46.4

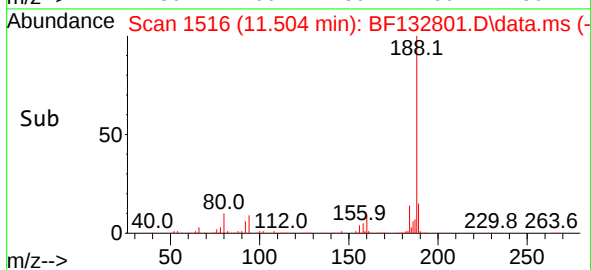
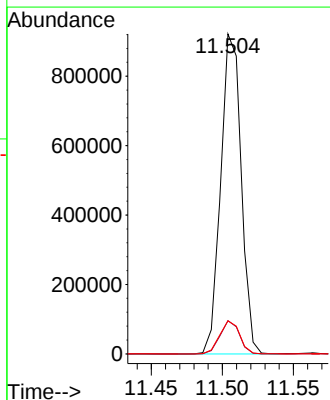
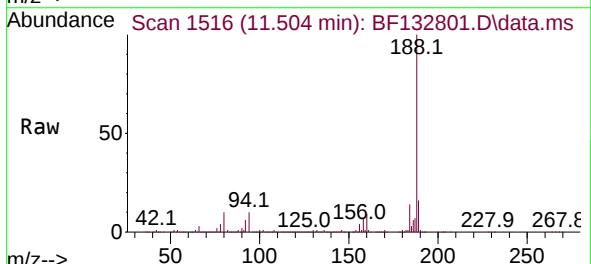
Manual Integrations
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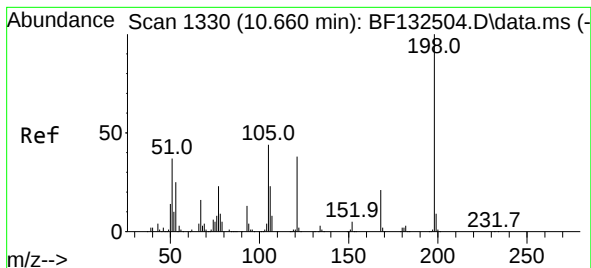
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Tgt Ion:188 Resp: 926373
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 10.3 8.7 13.1





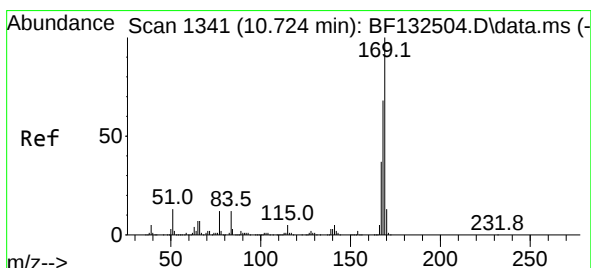
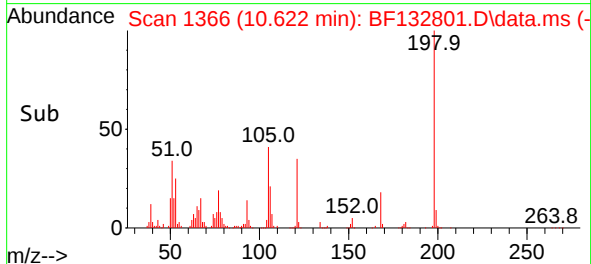
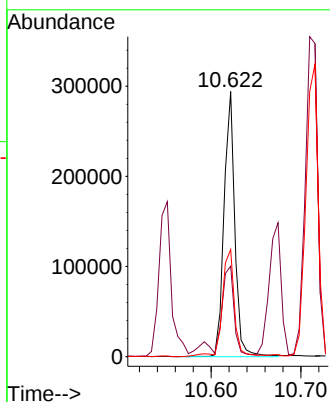
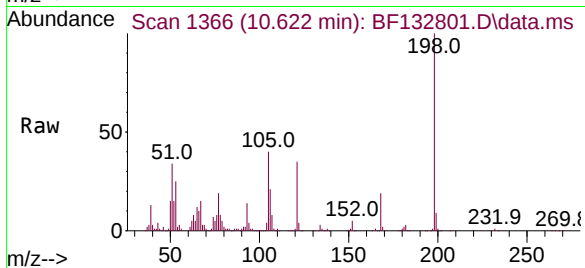
#65
4,6-Dinitro-2-methylphenol
Concen: 39.255 ng
RT: 10.622 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Instrument :
BNA_F
ClientSampleId :
PB151406BS

Tgt Ion:198 Resp: 246173
Ion Ratio Lower Upper
198 100
51 34.2 20.6 60.6
105 40.4 24.3 64.3

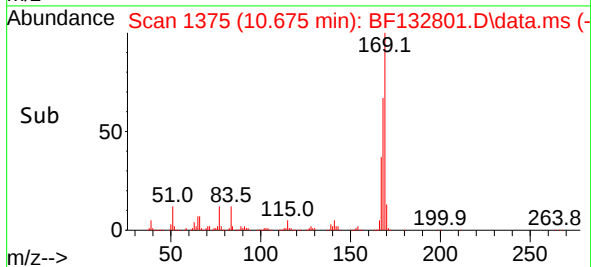
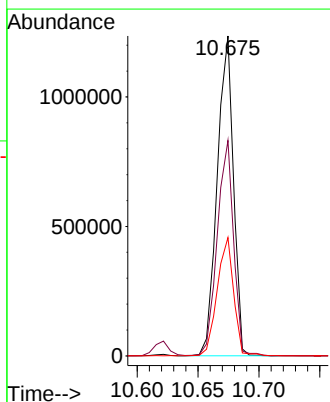
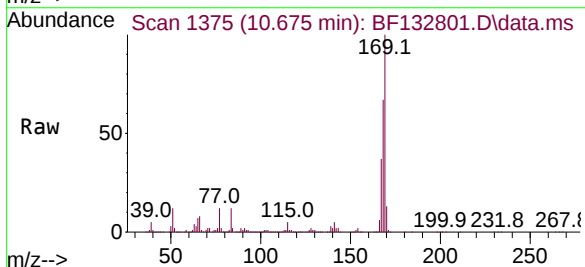
Manual Integrations
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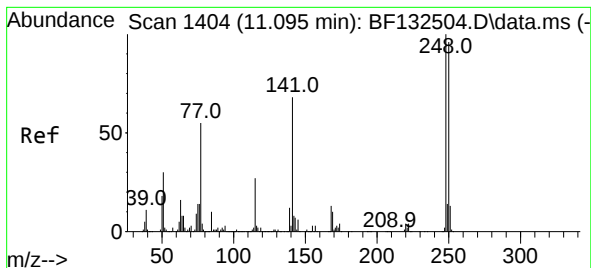
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#66
n-Nitrosodiphenylamine
Concen: 39.497 ng
RT: 10.675 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

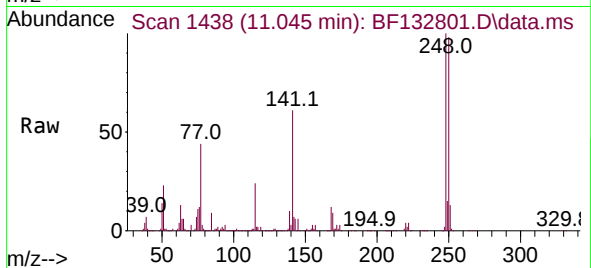
Tgt Ion:169 Resp: 1140698
Ion Ratio Lower Upper
169 100
168 67.3 54.2 81.4
167 37.0 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 41.614 ng
RT: 11.045 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

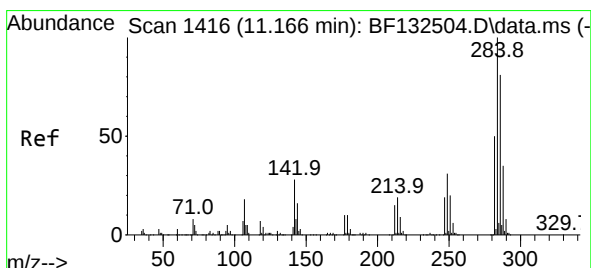
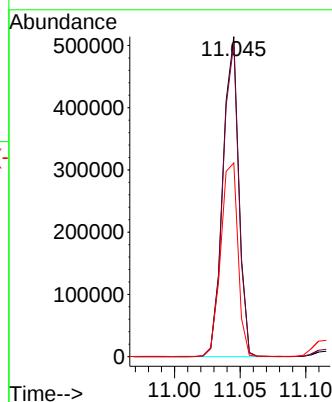
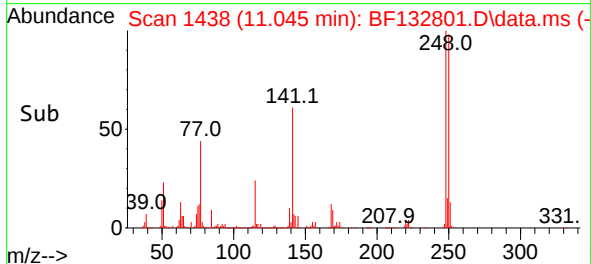
Instrument :
BNA_F
ClientSampleId :
PB151406BS



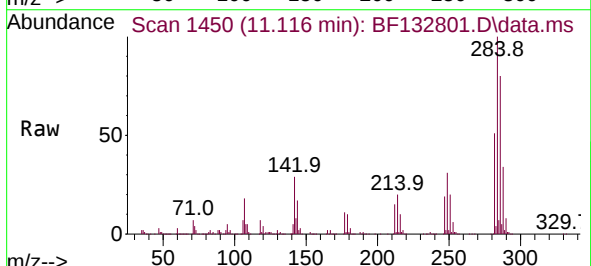
Tgt Ion:248 Resp: 436060
Ion Ratio Lower Upper
248 100
250 97.9 77.0 115.4
141 60.5 54.2 81.2

Manual Integrations
APPROVED

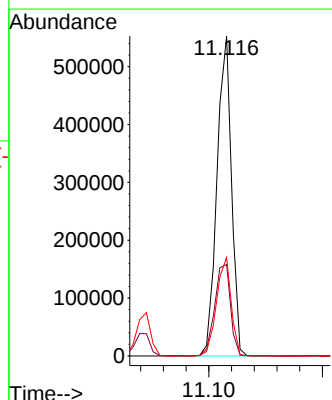
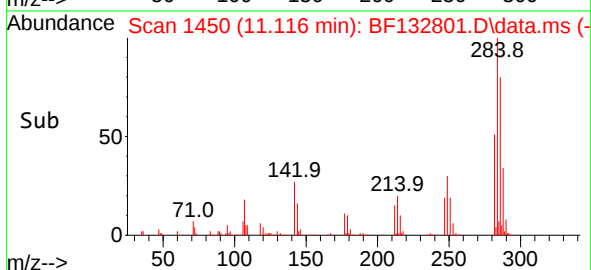
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023

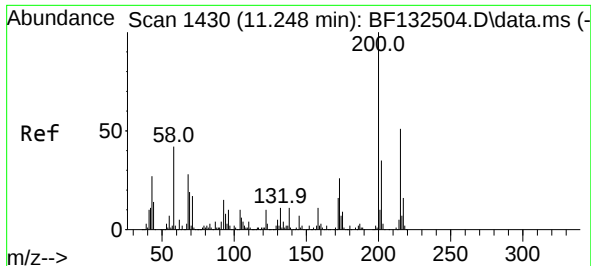


#68
Hexachlorobenzene
Concen: 44.422 ng
RT: 11.116 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00



Tgt Ion:284 Resp: 489805
Ion Ratio Lower Upper
284 100
142 28.6 22.2 33.4
249 30.8 24.9 37.3





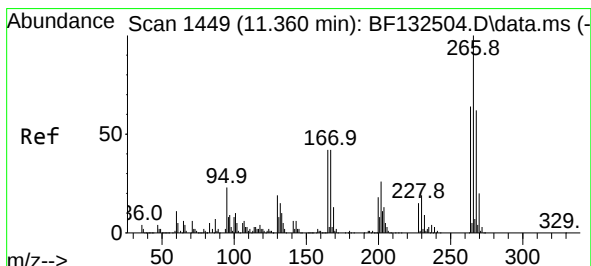
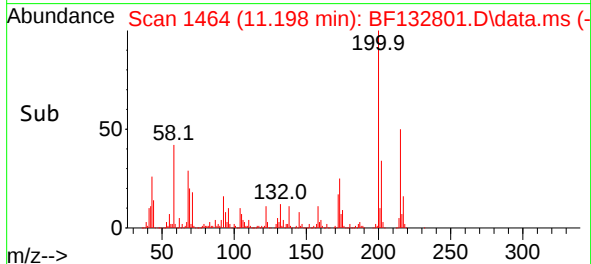
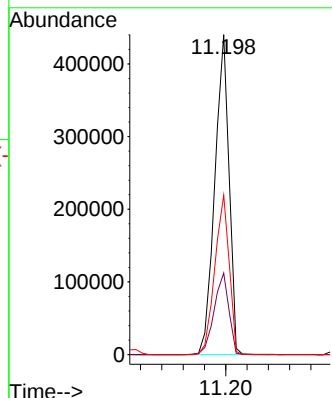
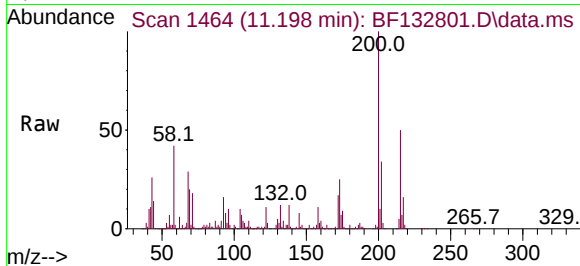
#69
Atrazine
Concen: 45.318 ng
RT: 11.198 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Instrument :
BNA_F
ClientSampleId :
PB151406BS

Tgt Ion:200 Resp: 408596
Ion Ratio Lower Upper
200 100
173 25.5 6.4 46.4
215 49.8 31.0 71.0

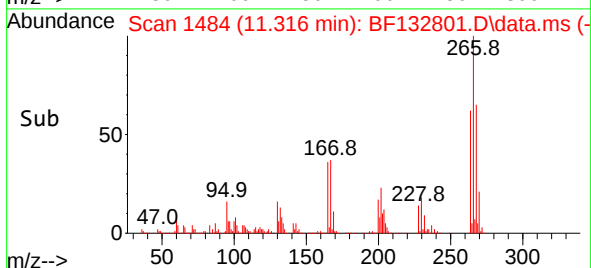
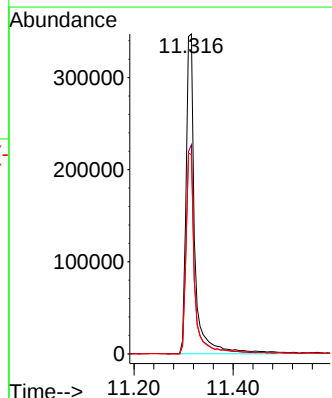
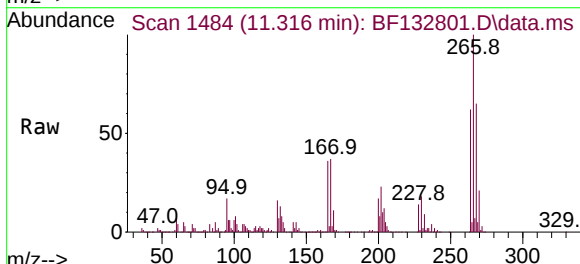
Manual Integrations
APPROVED

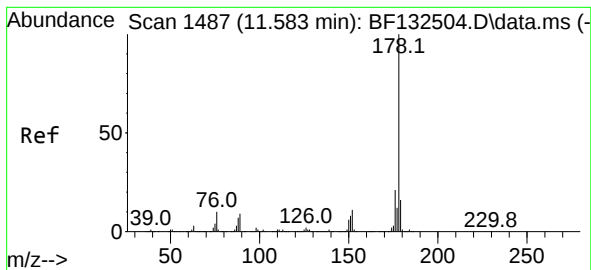
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#70
Pentachlorophenol
Concen: 64.486 ng m
RT: 11.316 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Tgt Ion:266 Resp: 423034
Ion Ratio Lower Upper
266 100
268 65.3 49.8 74.6
264 62.3 50.9 76.3





#71

Phenanthrene

Concen: 39.161 ng

RT: 11.533 min Scan# 11530

Delta R.T. -0.000 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

Instrument :

BNA_F

ClientSampleId :

PB151406BS

Tgt Ion:178 Resp: 1879369

Ion Ratio Lower Upper

178 100

176 20.1 16.5 24.7

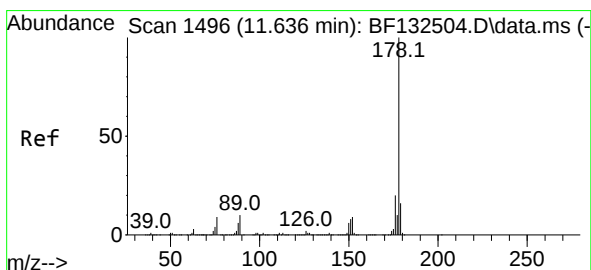
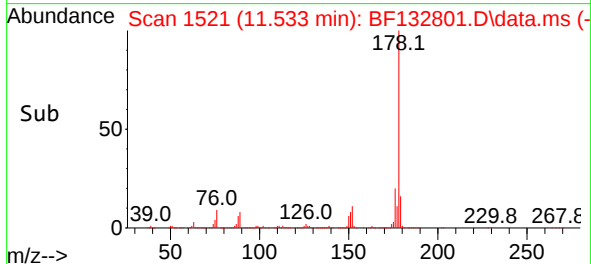
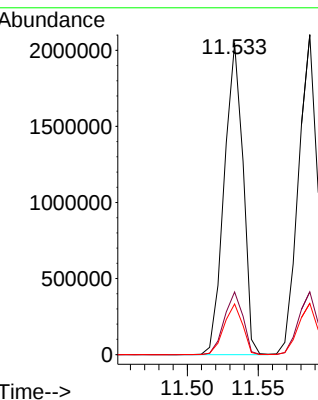
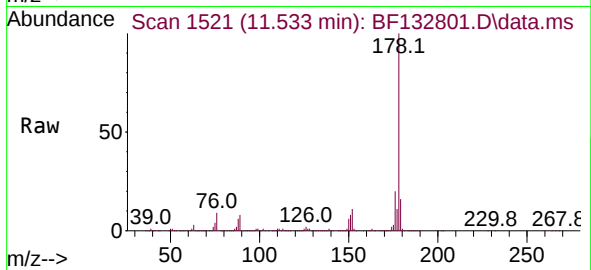
179 16.3 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2023

Supervised By :Jagrut Upadhyay 03/16/2023



#72

Anthracene

Concen: 38.864 ng

RT: 11.586 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

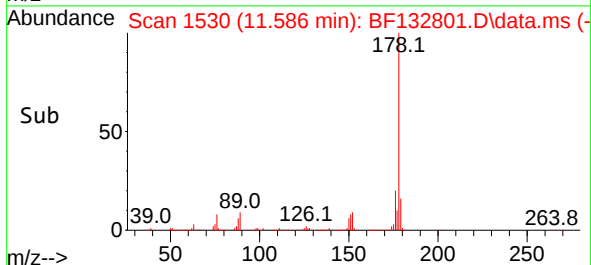
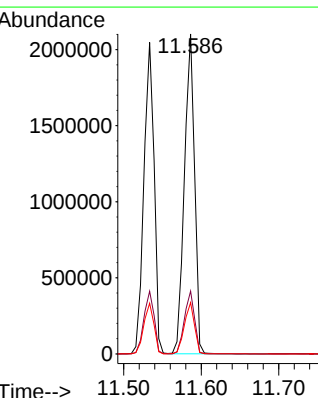
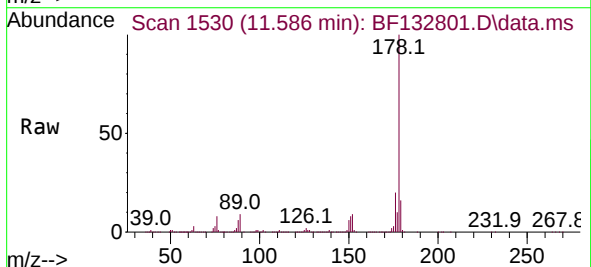
Tgt Ion:178 Resp: 1920630

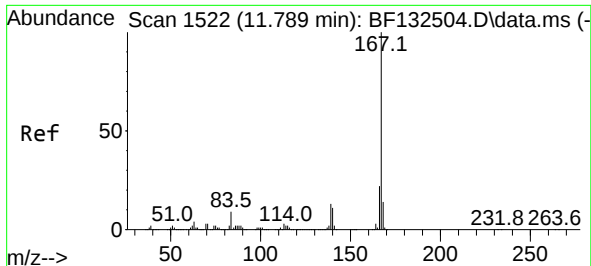
Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

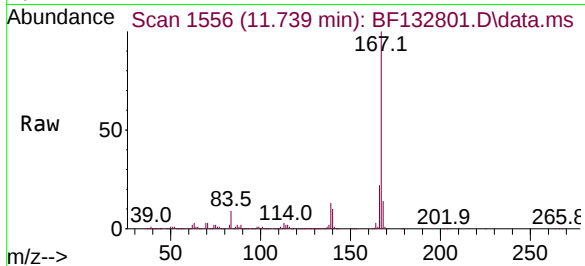
179 16.0 12.5 18.7





#73
 Carbazole
 Concen: 38.962 ng
 RT: 11.739 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132801.D
 Acq: 15 Mar 2023 14:00

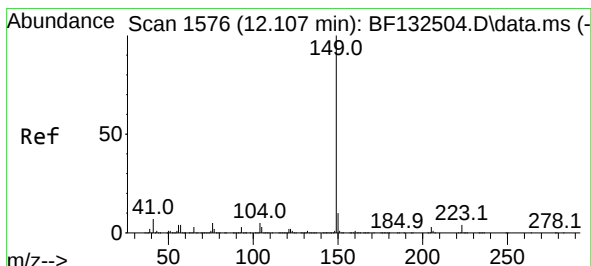
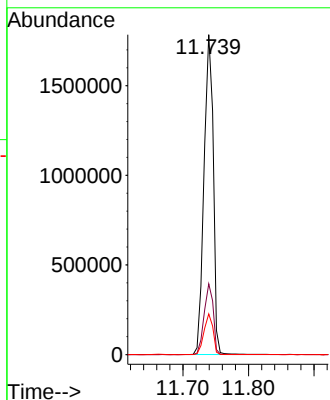
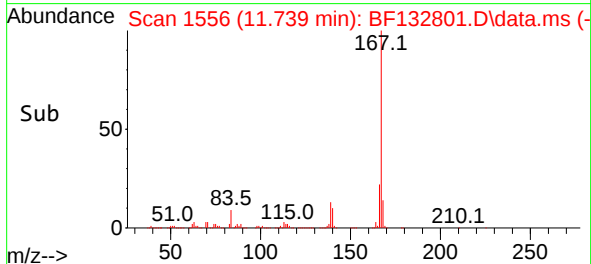
Instrument :
 BNA_F
 ClientSampleId :
 PB151406BS



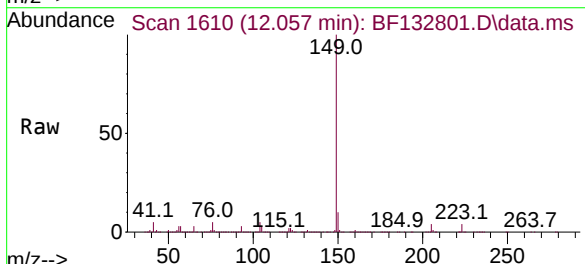
Tgt Ion:167 Resp: 1736008
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 12.7 10.5 15.7

Manual Integrations
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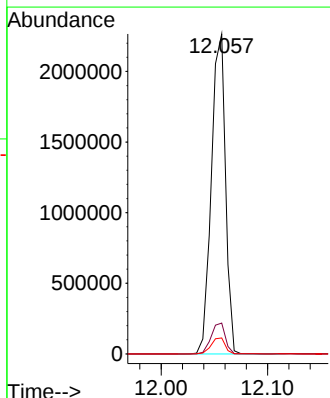
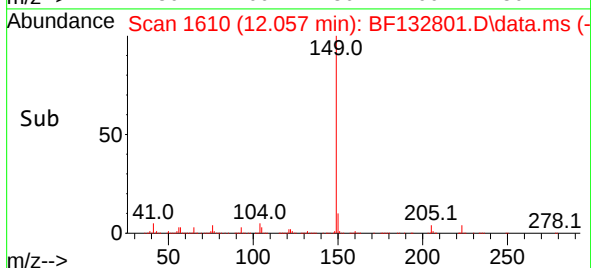
Reviewed By :Christian Giraldo 03/16/2023
 Supervised By :Jagrut Upadhyay 03/16/2023

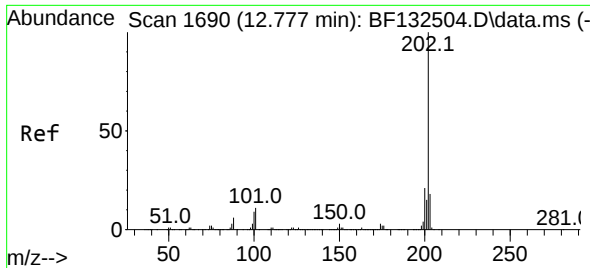


#74
 Di-n-butylphthalate
 Concen: 40.090 ng
 RT: 12.057 min Scan# 1610
 Delta R.T. -0.000 min
 Lab File: BF132801.D
 Acq: 15 Mar 2023 14:00



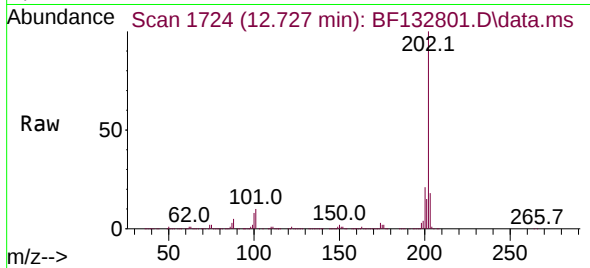
Tgt Ion:149 Resp: 2095350
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 5.0 4.3 6.5





#75
Fluoranthene
Concen: 37.717 ng
RT: 12.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

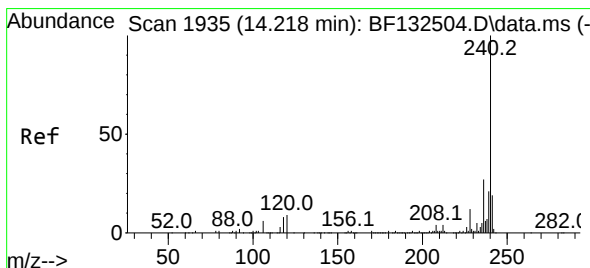
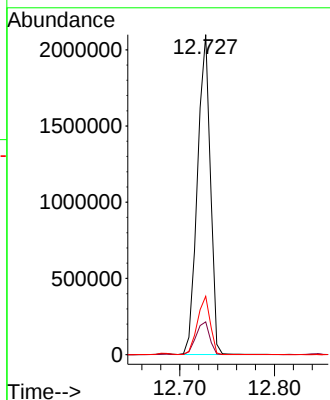
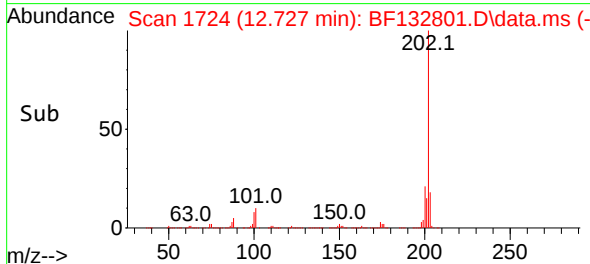
Instrument :
BNA_F
ClientSampleId :
PB151406BS



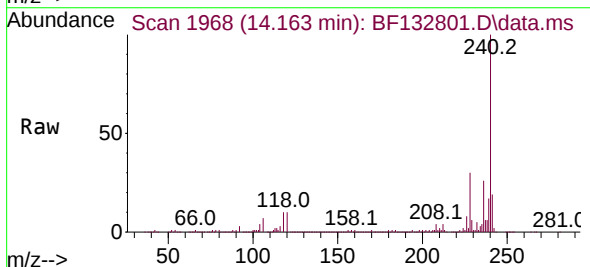
Tgt Ion:202 Resp: 1978750
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.4
203 18.2 0.0 38.0

Manual Integrations
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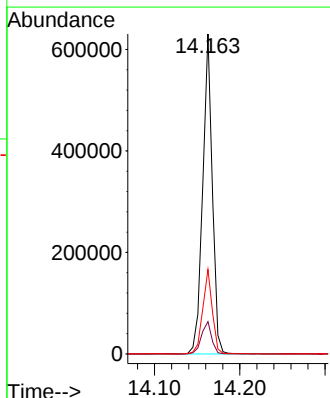
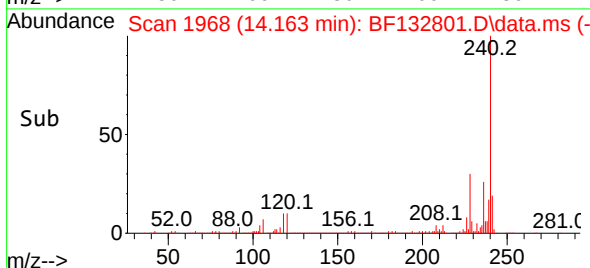
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023

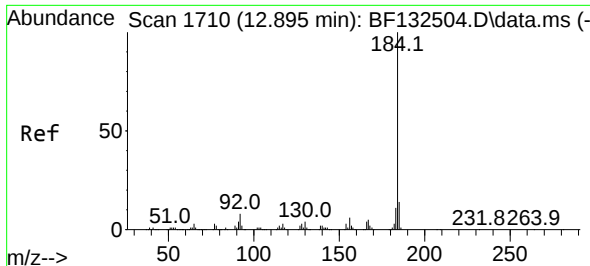


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00



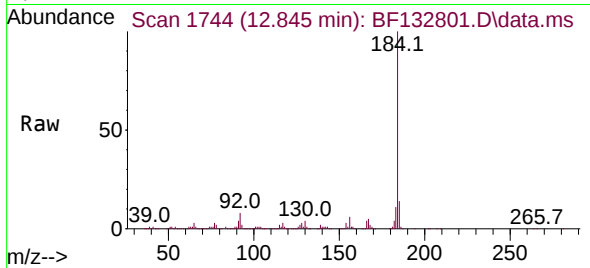
Tgt Ion:240 Resp: 493364
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 26.4 21.8 32.6





#77
Benzidine
Concen: 60.450 ng
RT: 12.845 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

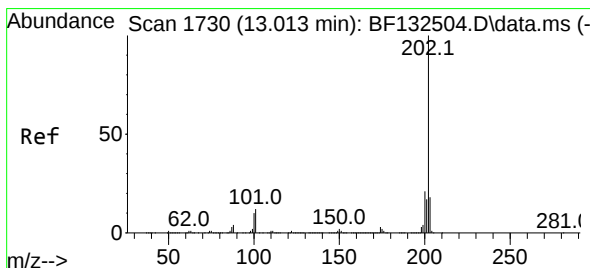
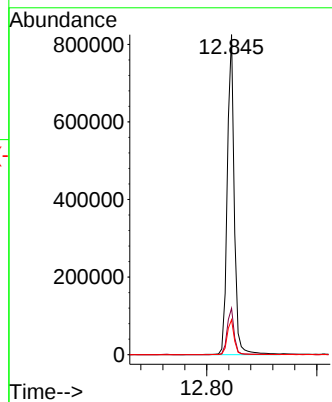
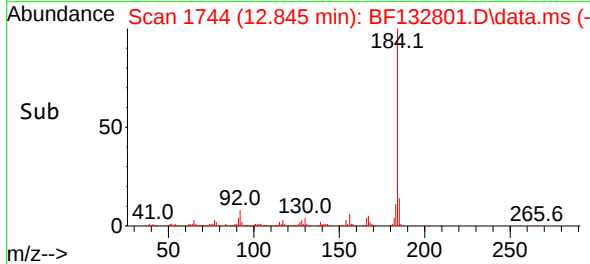
Instrument :
BNA_F
ClientSampleId :
PB151406BS



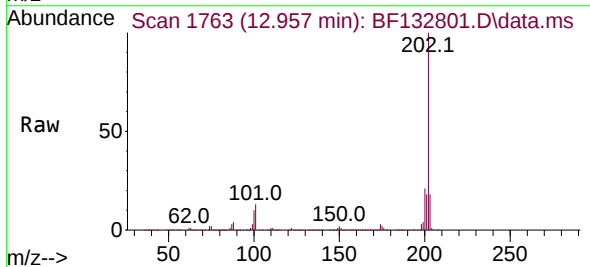
Tgt Ion:184 Resp: 725997
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 10.9 8.7 13.1

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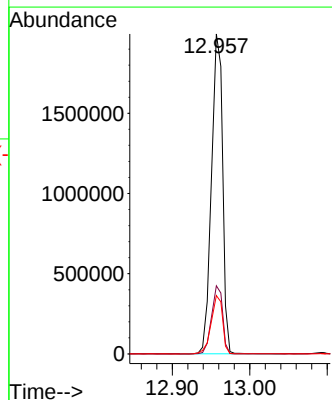
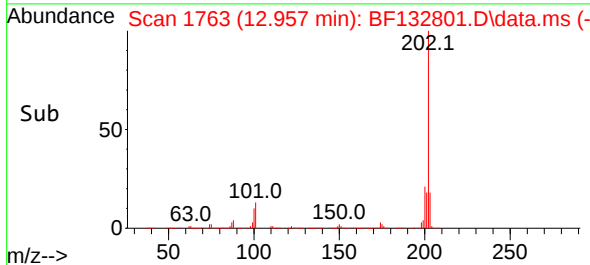
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023

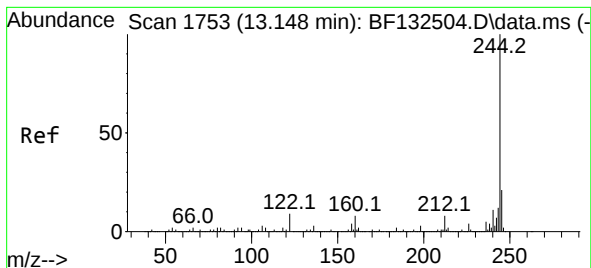


#78
Pyrene
Concen: 44.396 ng
RT: 12.957 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00



Tgt Ion:202 Resp: 1991412
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 18.2 14.6 21.8





#79

Terphenyl-d14

Concen: 71.758 ng

RT: 13.092 min Scan# 1753

Delta R.T. -0.000 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

Instrument :

BNA_F

ClientSampleId :

PB151406BS

Tgt Ion:244 Resp: 2093929

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

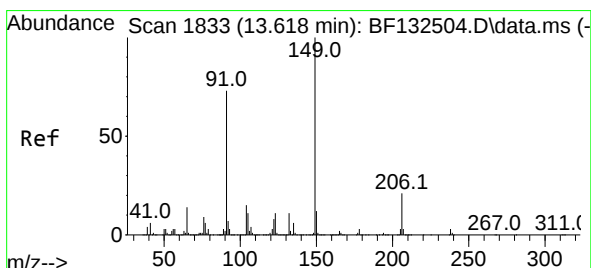
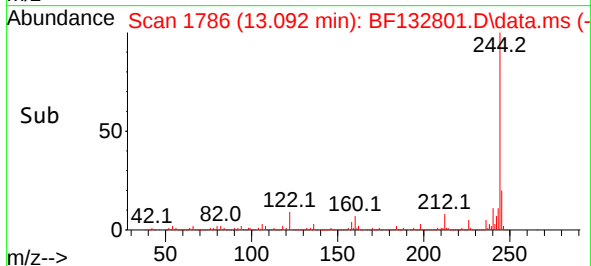
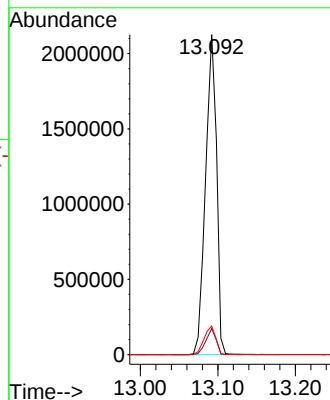
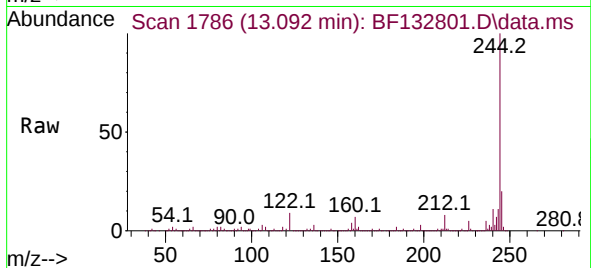
122 9.0 7.5 11.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/16/2023

Supervised By :Jagrut Upadhyay 03/16/2023



#80

Butylbenzylphthalate

Concen: 44.094 ng

RT: 13.563 min Scan# 1866

Delta R.T. -0.000 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

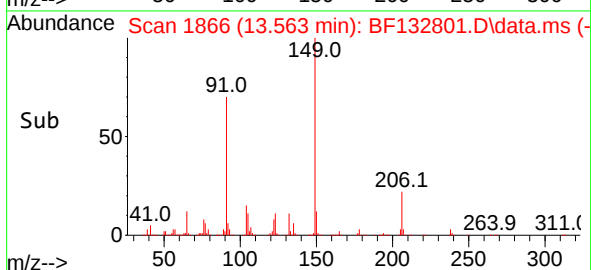
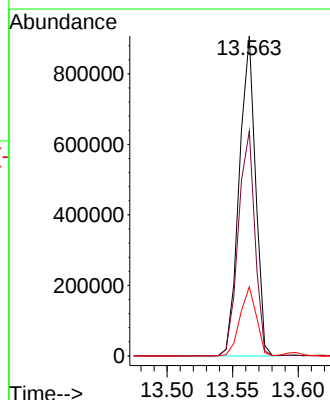
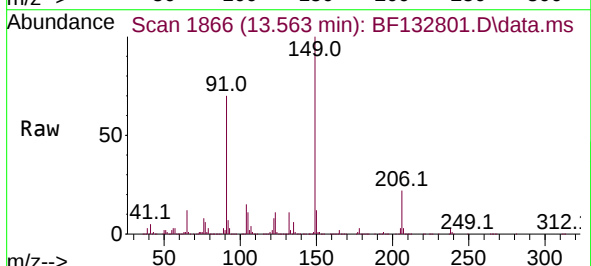
Tgt Ion:149 Resp: 780505

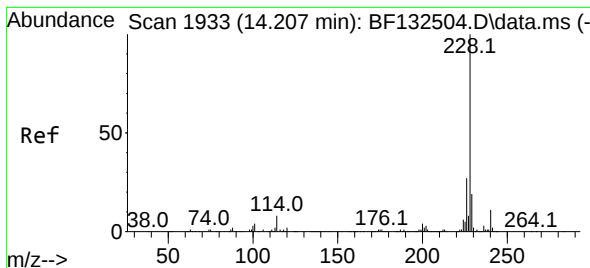
Ion Ratio Lower Upper

149 100

91 70.3 58.4 87.6

206 21.6 16.8 25.2





#81

Benzo(a)anthracene

Concen: 41.282 ng

RT: 14.151 min Scan# 1933

Delta R.T. -0.000 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

Instrument :

BNA_F

ClientSampleId :

PB151406BS

Tgt Ion:228 Resp: 1523898

Ion Ratio Lower Upper

228 100

226 27.7 21.7 32.5

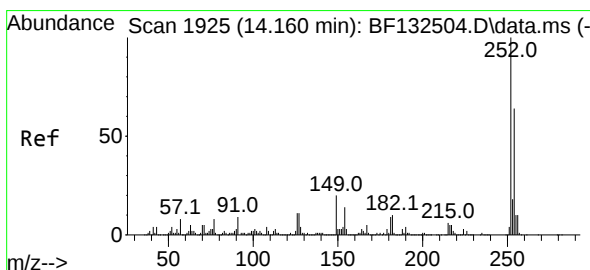
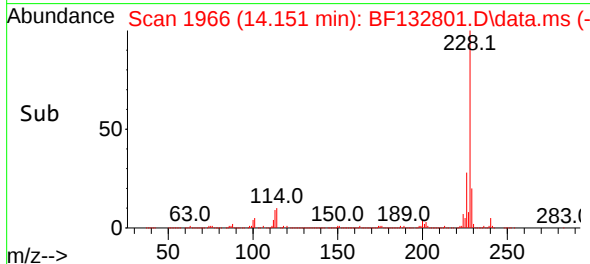
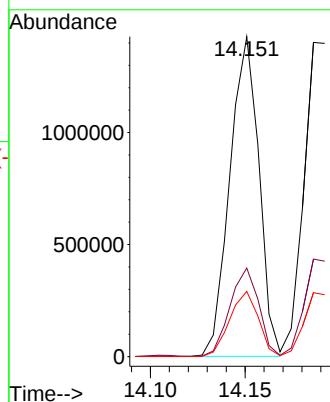
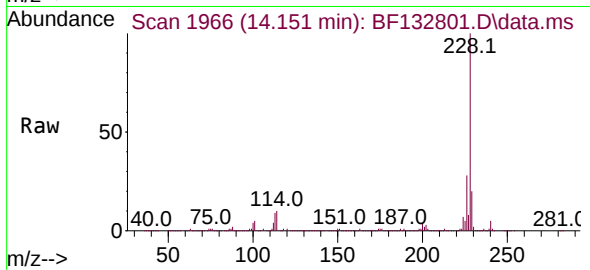
229 20.4 15.4 23.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/16/2023

Supervised By :Jagrut Upadhyay 03/16/2023



#82

3,3'-Dichlorobenzidine

Concen: 30.030 ng

RT: 14.104 min Scan# 1958

Delta R.T. -0.006 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

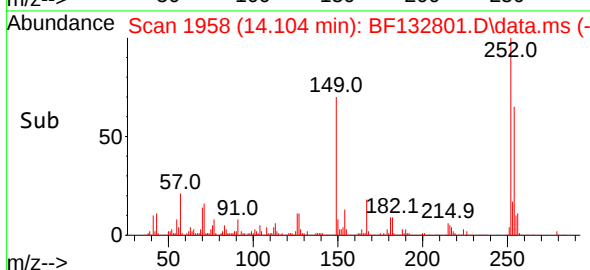
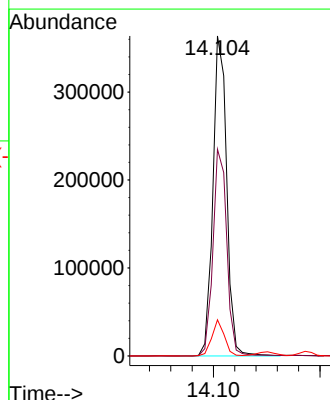
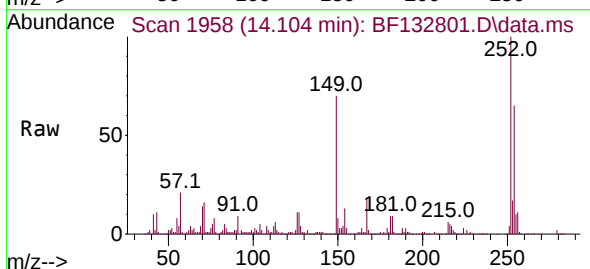
Tgt Ion:252 Resp: 326817

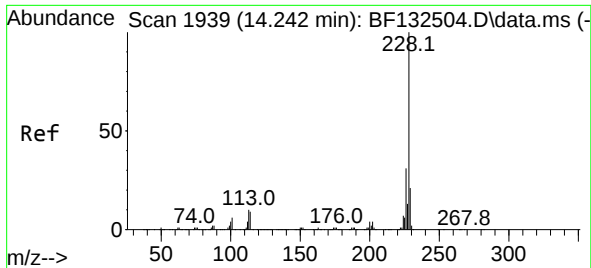
Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.2

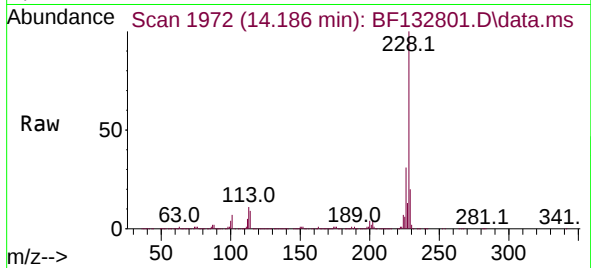
126 11.3 8.9 13.3





#83
Chrysene
Concen: 40.387 ng
RT: 14.186 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

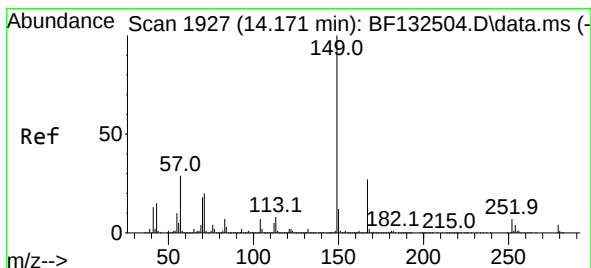
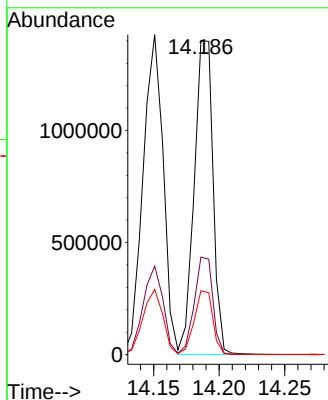
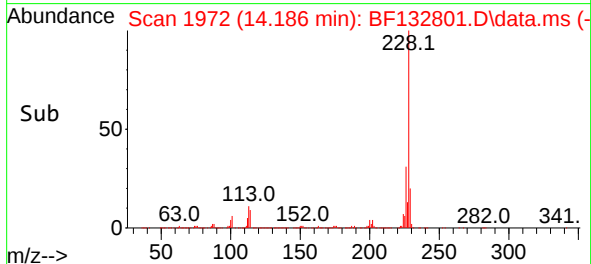
Instrument :
BNA_F
ClientSampleId :
PB151406BS



Tgt Ion:228 Resp: 1394153
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.6
229 20.3 16.4 24.6

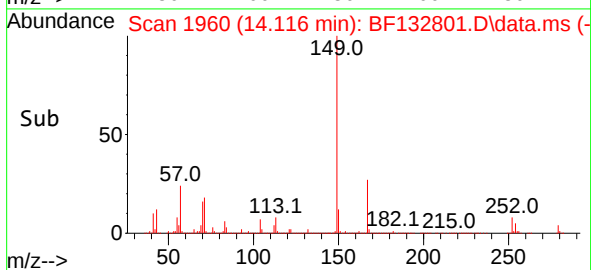
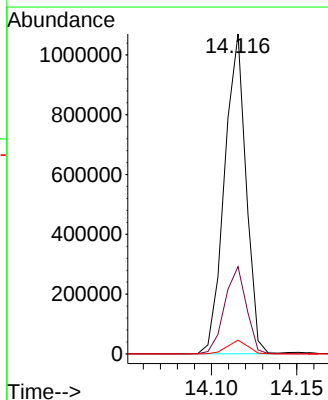
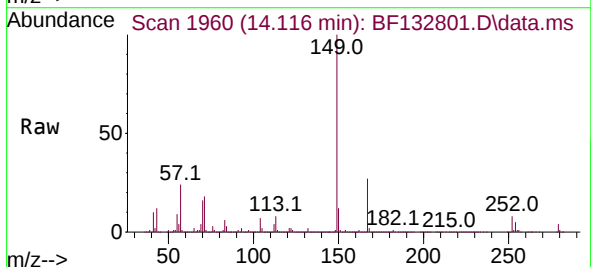
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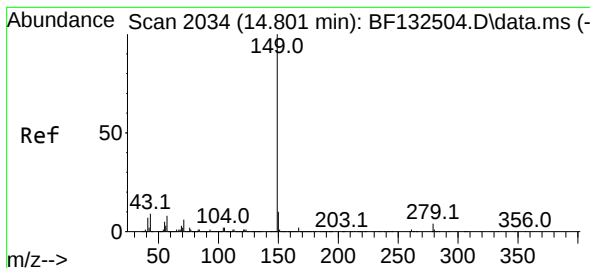
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.224 ng
RT: 14.116 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Tgt Ion:149 Resp: 939896
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.6
279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 45.168 ng

RT: 14.733 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

Instrument :

BNA_F

ClientSampleId :

PB151406BS

Tgt Ion:149 Resp: 1435252

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

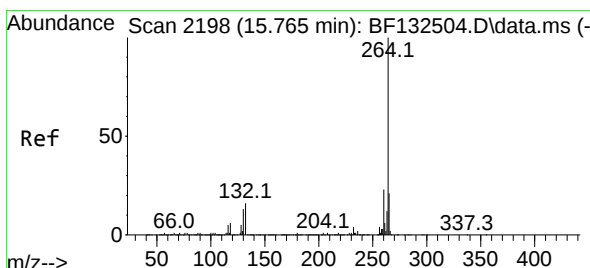
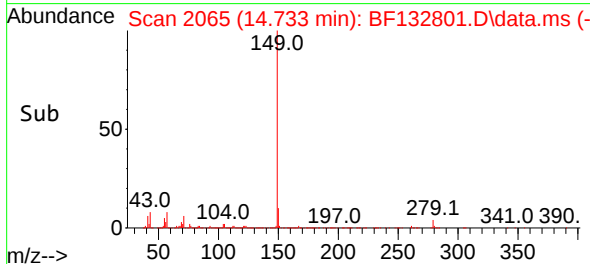
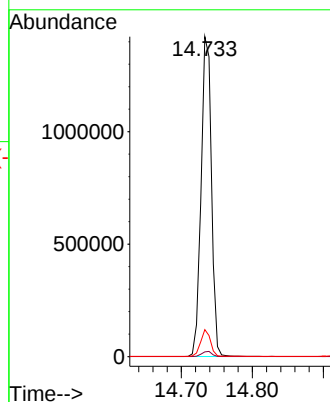
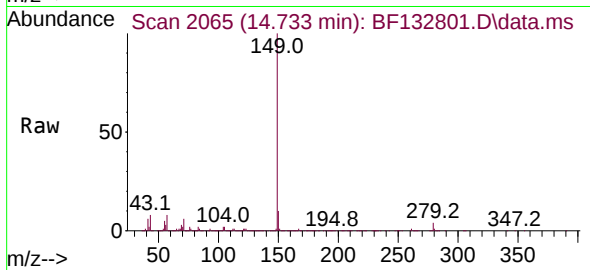
43 7.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/16/2023

Supervised By :Jagrut Upadhyay 03/16/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.692 min Scan# 2228

Delta R.T. -0.000 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

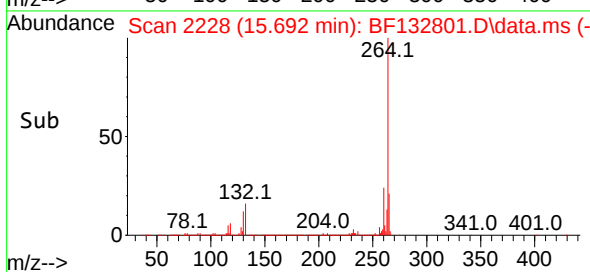
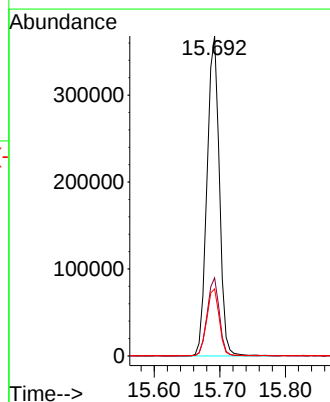
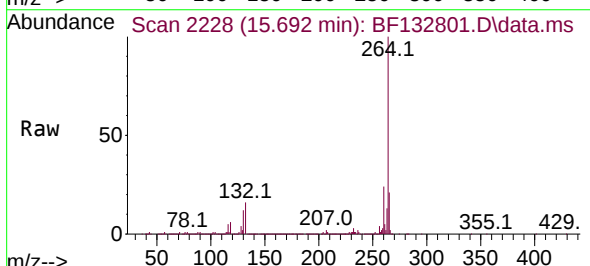
Tgt Ion:264 Resp: 479102

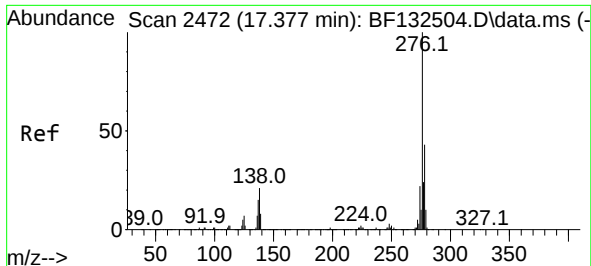
Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 20.9 17.1 25.7





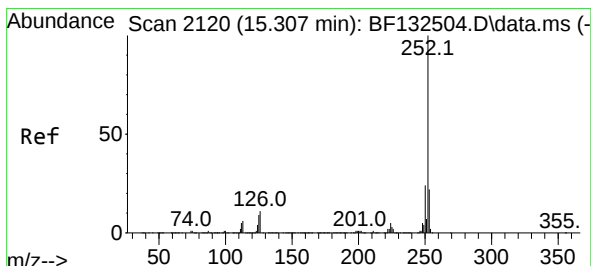
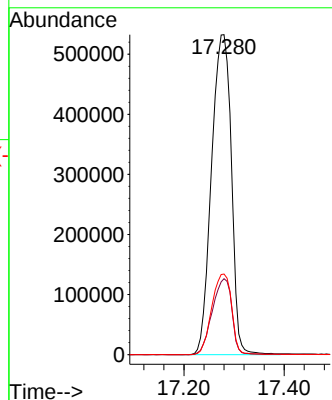
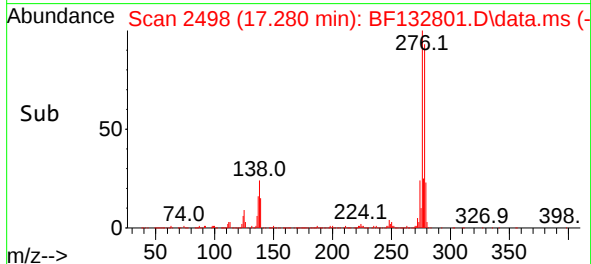
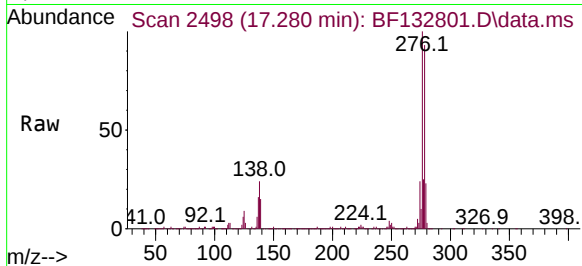
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.495 ng
RT: 17.280 min Scan# 2472
Delta R.T. 0.006 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

Instrument :
BNA_F
ClientSampleId :
PB151406BS

Tgt Ion:276 Resp: 1459615
Ion Ratio Lower Upper
276 100
138 23.4 19.0 28.4
277 25.2 20.0 30.0

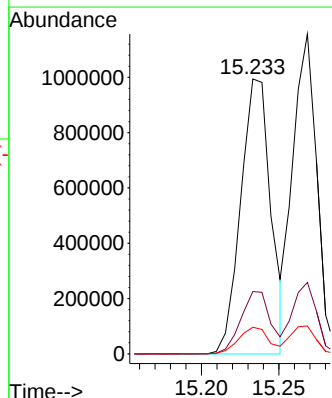
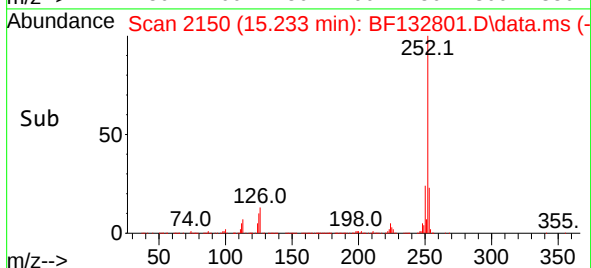
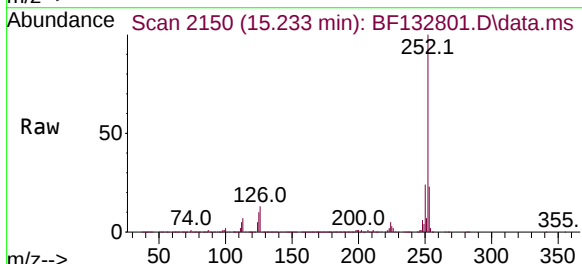
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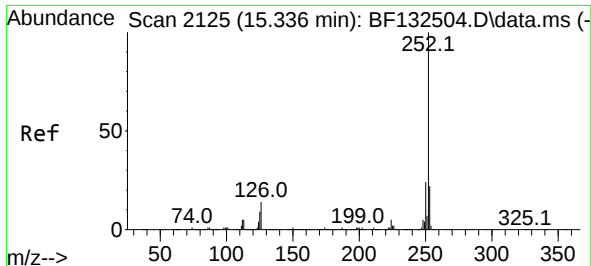
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023



#88
Benzo(b)fluoranthene
Concen: 41.968 ng
RT: 15.233 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

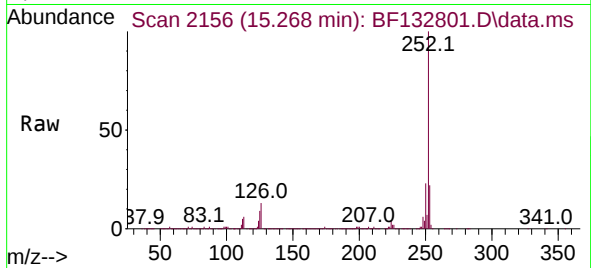
Tgt Ion:252 Resp: 1347481
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 9.7 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 39.688 ng
RT: 15.268 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00

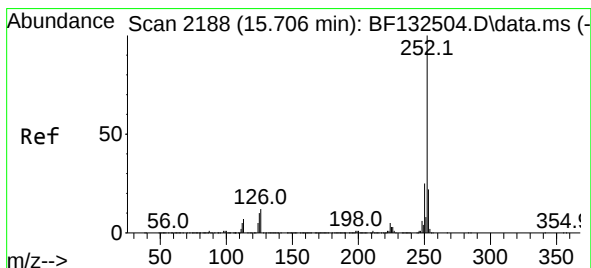
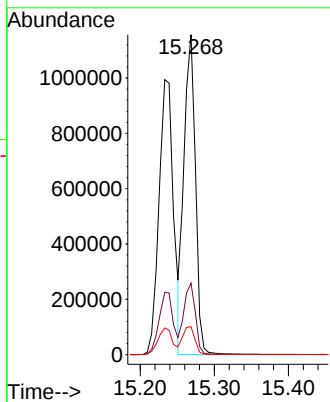
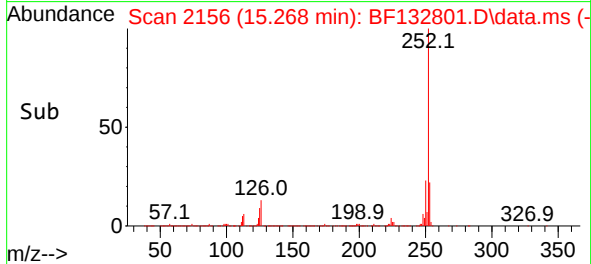
Instrument :
BNA_F
ClientSampleId :
PB151406BS



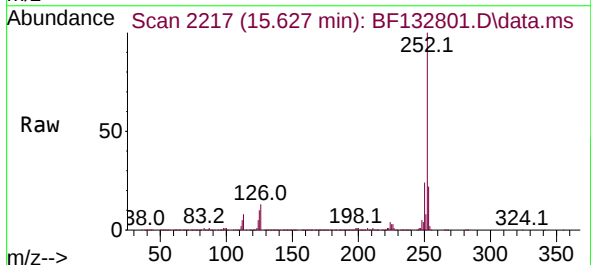
Tgt Ion:252 Resp: 1247125
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 8.7 7.2 10.8

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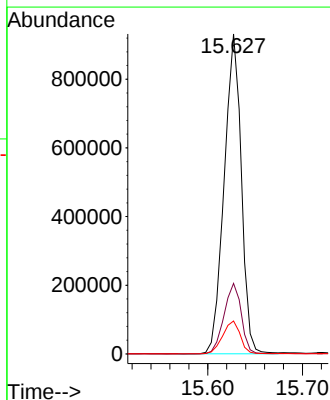
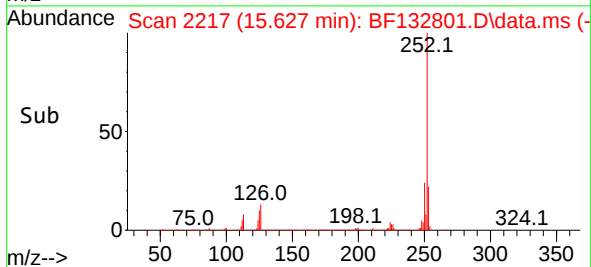
Reviewed By :Christian Giraldo 03/16/2023
Supervised By :Jagrut Upadhyay 03/16/2023

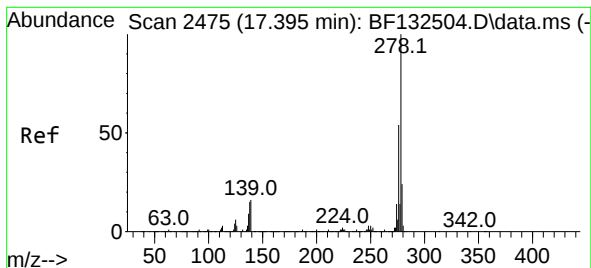


#90
Benzo(a)pyrene
Concen: 38.946 ng
RT: 15.627 min Scan# 2217
Delta R.T. -0.000 min
Lab File: BF132801.D
Acq: 15 Mar 2023 14:00



Tgt Ion:252 Resp: 1170317
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 10.3 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 46.749 ng

RT: 17.292 min Scan# 2500

Delta R.T. 0.006 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

Instrument :

BNA_F

ClientSampleId :

PB151406BS

Tgt Ion:278 Resp: 1195750

Ion Ratio Lower Upper

278 100

139 14.7 13.0 19.4

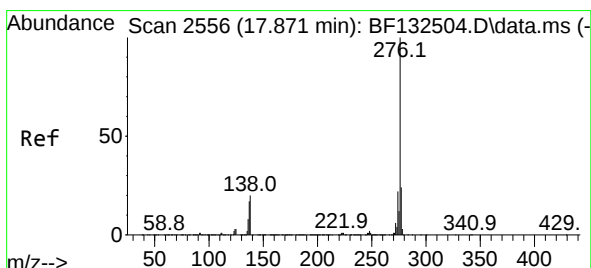
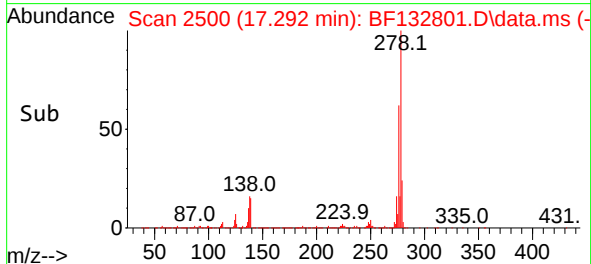
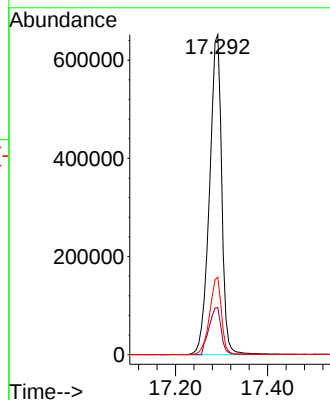
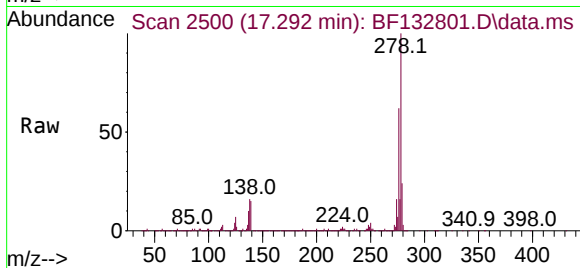
279 24.2 19.0 28.4

Manual Integrations

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Reviewed By :Christian Giraldo 03/16/2023

Supervised By :Jagrut Upadhyay 03/16/2023



#92

Benzo(g,h,i)perylene

Concen: 43.426 ng

RT: 17.756 min Scan# 2579

Delta R.T. -0.000 min

Lab File: BF132801.D

Acq: 15 Mar 2023 14:00

Tgt Ion:276 Resp: 1250675

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 21.2 16.2 24.4

