

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132771.D
 Acq On : 13 Mar 2023 21:00
 Operator : CG\JU
 Sample : 01863-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 030923-1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/14/2023
 Supervised By : Jagrut Upadhyay 03/14/2023

Quant Time: Mar 14 01:34:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	209043	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	784200	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	448371	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	924636	20.000	ng	0.00
76) Chrysene-d12	14.163	240	423303	20.000	ng	# 0.00
86) Perylene-d12	15.692	264	453175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1216839	94.473	ng	0.01
7) Phenol-d6	6.604	99	1560967	92.860	ng	0.00
23) Nitrobenzene-d5	7.540	82	1023925	61.948	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	504828	104.256	ng	0.00
45) 2-Fluorobiphenyl	9.334	172	1732019	58.819	ng	0.00
79) Terphenyl-d14	13.092	244	2131433	85.133	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.869	88	266476	37.401	ng	95
3) Pyridine	3.640	79	672676	35.568	ng	93
4) n-Nitrosodimethylamine	3.605	42	267684	37.472	ng	81
6) Aniline	6.634	93	675350	29.854	ng	96
8) 2-Chlorophenol	6.757	128	620887	46.446	ng	97
9) Benzaldehyde	6.522	77	283101	31.211	ng	99
10) Phenol	6.622	94	793619	41.180	ng	96
11) bis(2-Chloroethyl)ether	6.704	93	652054	43.828	ng	94
12) 1,3-Dichlorobenzene	6.910	146	640183	44.626	ng	98
13) 1,4-Dichlorobenzene	6.987	146	633386	44.217	ng	99
14) 1,2-Dichlorobenzene	7.140	146	621487	45.208	ng	98
15) Benzyl Alcohol	7.116	79	562469	43.447	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.240	45	779454	41.084	ng	92
17) 2-Methylphenol	7.228	107	511656	41.011	ng	98
18) Hexachloroethane	7.481	117	252059	45.041	ng	98
19) n-Nitroso-di-n-propyla...	7.387	70	396773	38.352	ng	91
20) 3+4-Methylphenols	7.375	107	578780	35.908	ng	91
22) Acetophenone	7.381	105	764667	38.670	ng	# 91
24) Nitrobenzene	7.557	77	686777	38.851	ng	99
25) Isophorone	7.793	82	1328492	41.922	ng	99
26) 2-Nitrophenol	7.875	139	342666	43.934	ng	90
27) 2,4-Dimethylphenol	7.904	122	530300	43.079	ng	98
28) bis(2-Chloroethoxy)met...	7.998	93	796416	42.961	ng	99
29) 2,4-Dichlorophenol	8.116	162	534446	43.645	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	575935	43.314	ng	100
31) Naphthalene	8.281	128	1617945	40.302	ng	99
32) Benzoic acid	8.040	122	371413m	39.064	ng	
33) 4-Chloroaniline	8.322	127	209971	12.205	ng	95
34) Hexachlorobutadiene	8.387	225	370541	43.854	ng	98
35) Caprolactam	8.710	113	195312m	48.381	ng	
36) 4-Chloro-3-methylphenol	8.816	107	588703	43.776	ng	94
37) 2-Methylnaphthalene	8.969	142	1098682	40.158	ng	99
38) 1-Methylnaphthalene	9.069	142	1034090	40.444	ng	100
40) 1,2,4,5-Tetrachloroben...	9.139	216	608432	41.476	ng	100
41) Hexachlorocyclopentadiene	9.122	237	575960	72.387	ng	100
43) 2,4,6-Trichlorophenol	9.251	196	413480	41.591	ng	99

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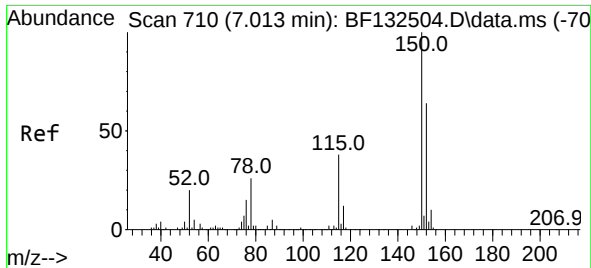
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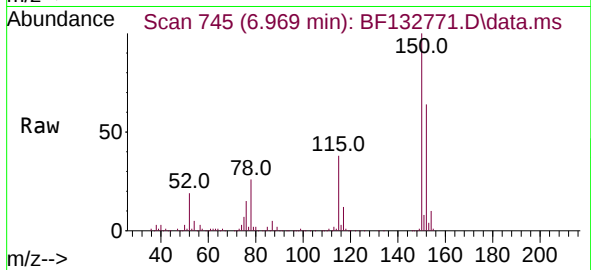
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	460453	39.683	ng	97
46) 1,1'-Biphenyl	9.434	154	1352937	39.867	ng	99
47) 2-Chloronaphthalene	9.463	162	1104015	41.032	ng	99
48) 2-Nitroaniline	9.563	65	373832	37.724	ng	86
49) Acenaphthylene	9.881	152	1701385	39.732	ng	99
50) Dimethylphthalate	9.734	163	1450974	44.444	ng	100
51) 2,6-Dinitrotoluene	9.804	165	325985	43.845	ng	# 85
52) Acenaphthene	10.051	154	1199746m	44.122	ng	
53) 3-Nitroaniline	9.969	138	215848	25.953	ng	99
54) 2,4-Dinitrophenol	10.086	184	327865	70.209	ng	93
55) Dibenzofuran	10.222	168	1580000	39.858	ng	97
56) 4-Nitrophenol	10.145	139	456687	73.629	ng	93
57) 2,4-Dinitrotoluene	10.210	165	431613	43.635	ng	96
58) Fluorene	10.569	166	1256035	41.424	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.345	232	385123	44.682	ng	97
60) Diethylphthalate	10.434	149	1399050	43.878	ng	99
61) 4-Chlorophenyl-phenyle...	10.551	204	677709	43.084	ng	99
62) 4-Nitroaniline	10.598	138	344271	42.169	ng	93
63) Azobenzene	10.716	77	1551172	45.936	ng	99
65) 4,6-Dinitro-2-methylph...	10.622	198	255235	40.777	ng	97
66) n-Nitrosodiphenylamine	10.675	169	1141625	39.604	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	440432	42.110	ng	98
68) Hexachlorobenzene	11.116	284	480273	43.640	ng	# 92
69) Atrazine	11.204	200	434782	48.313	ng	99
70) Pentachlorophenol	11.316	266	446733	68.226	ng	98
71) Phenanthrene	11.539	178	1962974	40.980	ng	99
72) Anthracene	11.586	178	1952309	39.579	ng	99
73) Carbazole	11.745	167	1748525	39.316	ng	99
74) Di-n-butylphthalate	12.057	149	2282459	43.752	ng	100
75) Fluoranthene	12.733	202	2062753	39.392	ng	98
77) Benzidine	12.845	184	553592	53.724	ng	100
78) Pyrene	12.963	202	2144211	55.714	ng	99
80) Butylbenzylphthalate	13.569	149	878917	57.872	ng	95
81) Benzo(a)anthracene	14.151	228	1409661	44.507	ng	98
82) 3,3'-Dichlorobenzidine	14.110	252	182952	19.593	ng	97
83) Chrysene	14.192	228	1276281	43.092	ng	98
84) Bis(2-ethylhexyl)phtha...	14.121	149	1163092	62.342	ng	98
85) Di-n-octyl phthalate	14.739	149	1659546	60.871	ng	98
87) Indeno(1,2,3-cd)pyrene	17.280	276	1344959	45.294	ng	99
88) Benzo(b)fluoranthene	15.239	252	1348086	44.389	ng	98
89) Benzo(k)fluoranthene	15.274	252	1144908	38.520	ng	100
90) Benzo(a)pyrene	15.633	252	1177589	41.430	ng	99
91) Dibenzo(a,h)anthracene	17.292	278	1094291	45.230	ng	98
92) Benzo(g,h,i)perylene	17.757	276	1040293	38.383	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

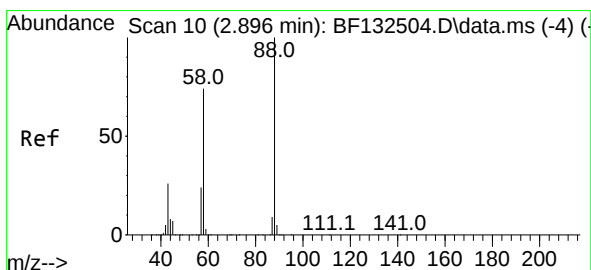
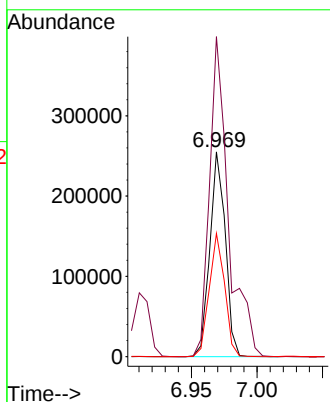
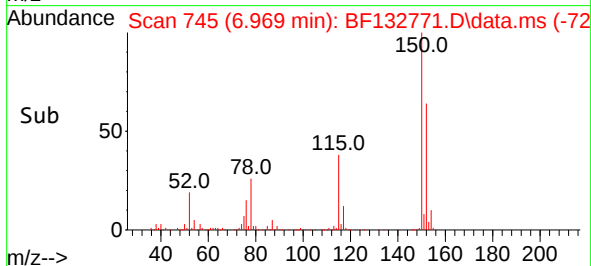
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



Tgt Ion:152 Resp: 209043
Ion Ratio Lower Upper
152 100
150 156.3 125.4 188.2
115 60.2 47.8 71.6

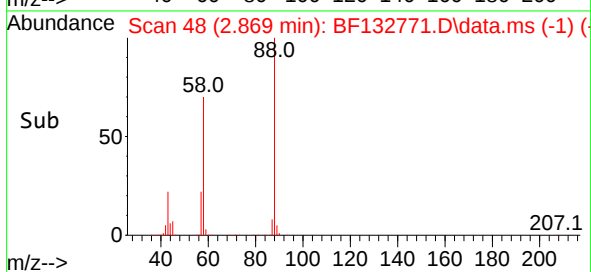
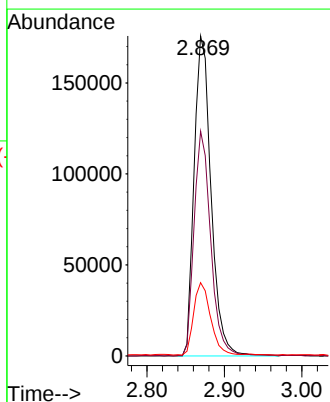
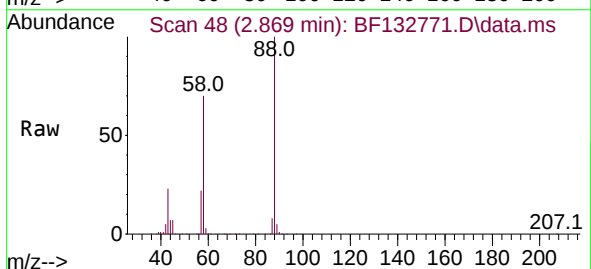
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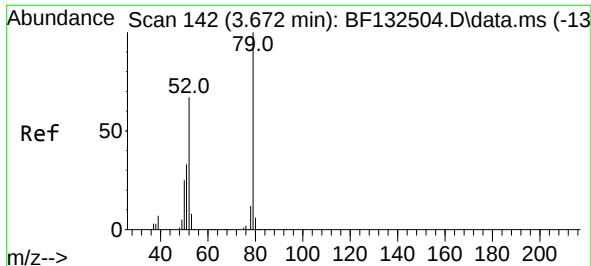
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#2
1,4-Dioxane
Concen: 37.401 ng
RT: 2.869 min Scan# 48
Delta R.T. 0.047 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

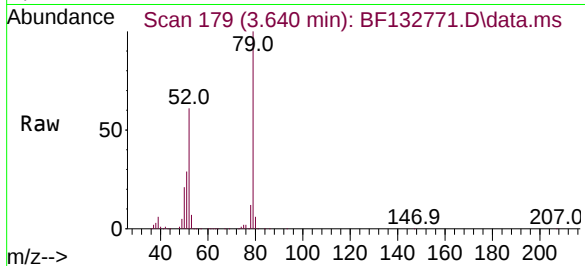
Tgt Ion: 88 Resp: 266476
Ion Ratio Lower Upper
88 100
58 69.6 58.3 87.5
43 22.5 20.7 31.1





#3
Pyridine
Concen: 35.568 ng
RT: 3.640 min Scan# 171
Delta R.T. 0.035 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

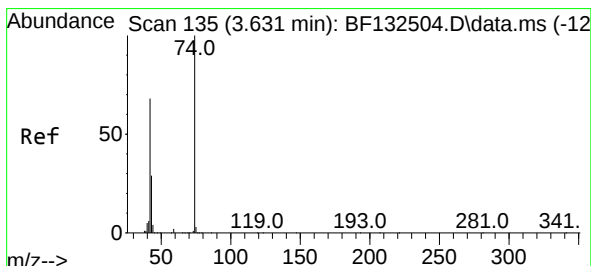
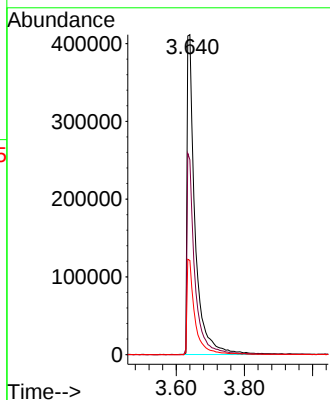
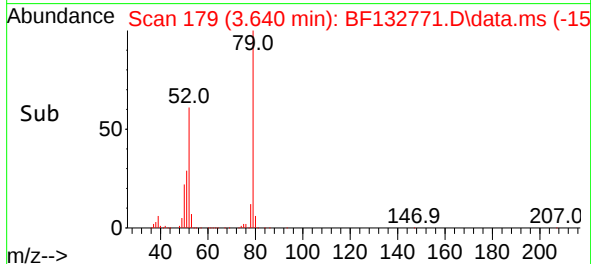
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



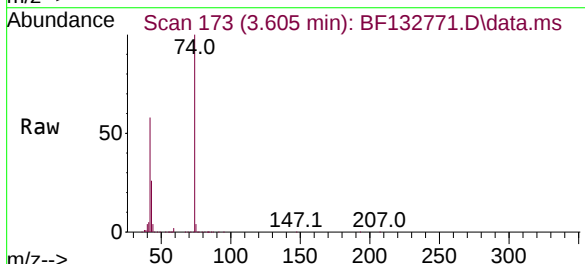
Tgt Ion: 79 Resp: 672676
Ion Ratio Lower Upper
79 100
52 60.9 53.7 80.5
51 29.4 26.6 40.0

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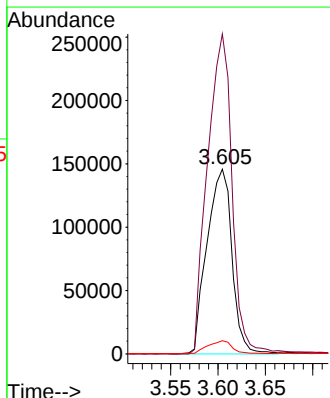
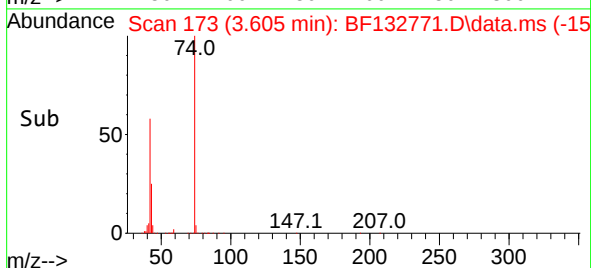
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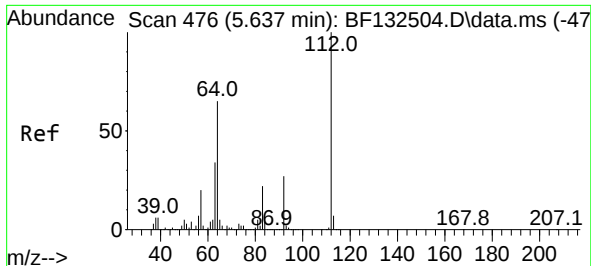


#4
n-Nitrosodimethylamine
Concen: 37.472 ng
RT: 3.605 min Scan# 173
Delta R.T. 0.030 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00



Tgt Ion: 42 Resp: 267684
Ion Ratio Lower Upper
42 100
74 173.2 118.2 177.2
44 7.2 5.3 7.9





#5
2-Fluorophenol
Concen: 94.473 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.012 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Instrument :

BNA_F

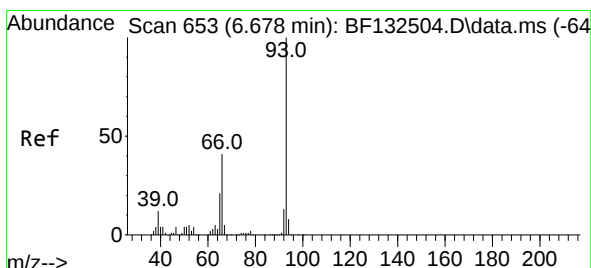
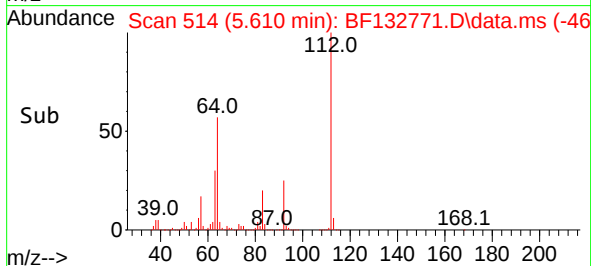
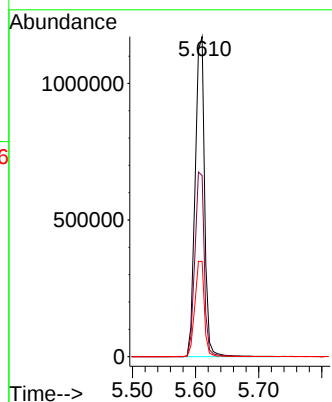
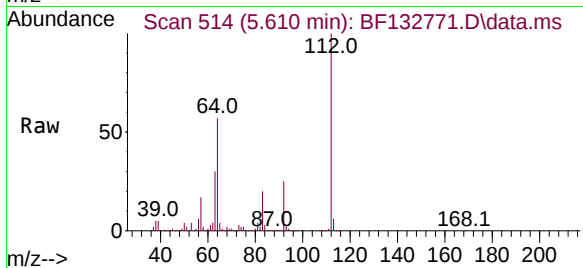
ClientSampleId :

030923-1MSD

Tgt Ion:112 Resp: 1216839
Ion Ratio Lower Upper
112 100
64 56.6 51.6 77.4
63 29.8 27.4 41.2

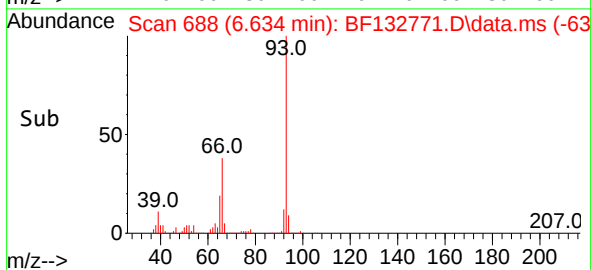
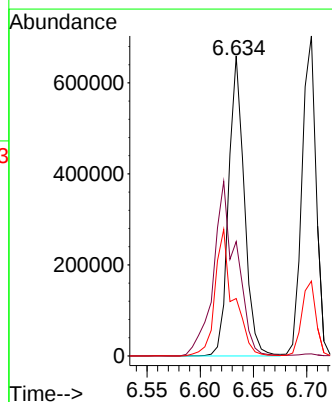
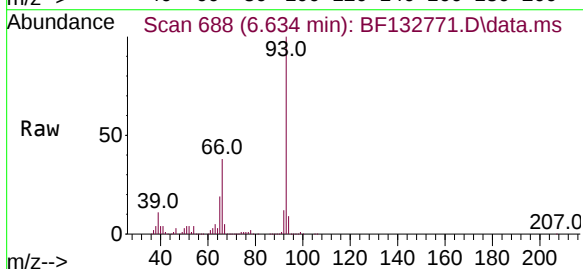
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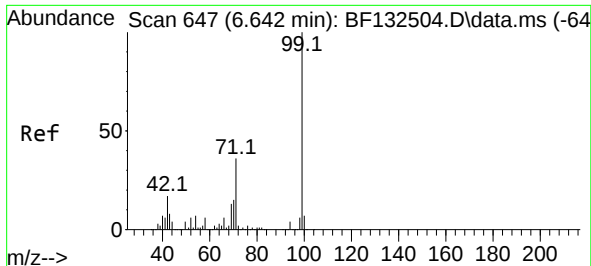
Reviewed By :Christian Giraldo 03/14/2023
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#6
Aniline
Concen: 29.854 ng
RT: 6.634 min Scan# 688
Delta R.T. -0.012 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

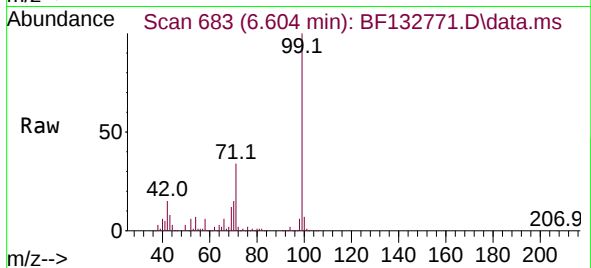
Tgt Ion: 93 Resp: 675350
Ion Ratio Lower Upper
93 100
66 38.1 32.5 48.7
65 19.1 16.6 24.8





#7
Phenol-d6
Concen: 92.860 ng
RT: 6.604 min Scan# 683
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

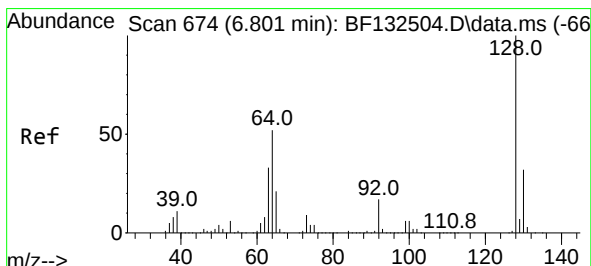
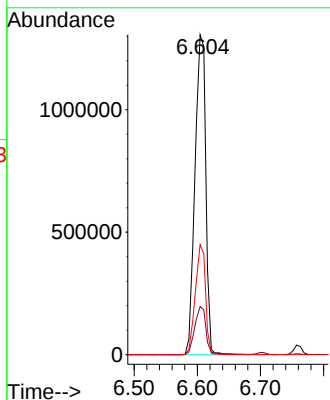
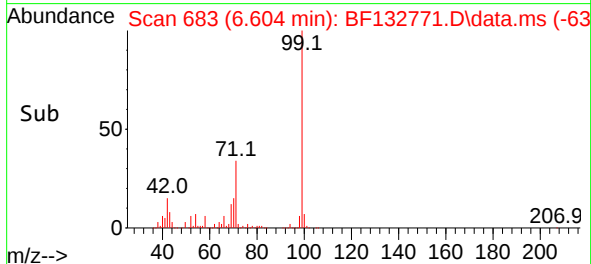
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Tgt Ion: 99 Resp: 156096
Ion Ratio Lower Upper
99 100
42 15.0 13.9 20.9
71 34.4 28.5 42.7

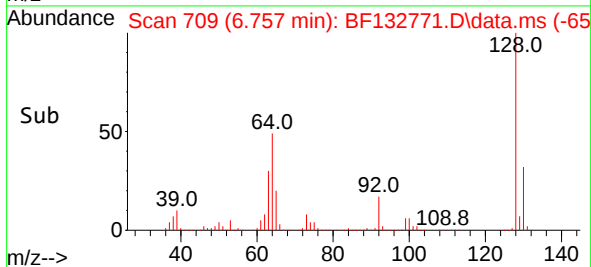
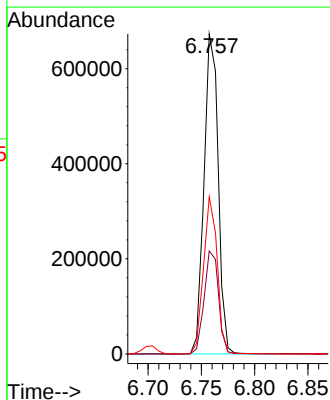
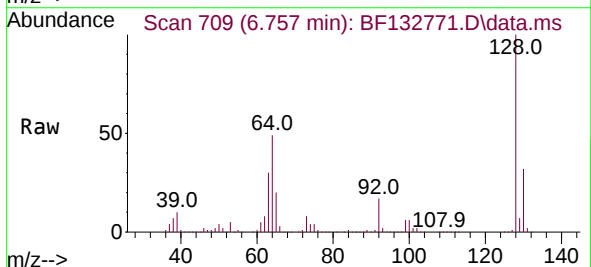
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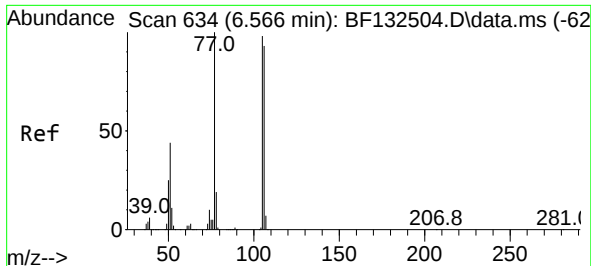
Reviewed By :Christian Giraldo 03/14/2023
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#8
2-Chlorophenol
Concen: 46.446 ng
RT: 6.757 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

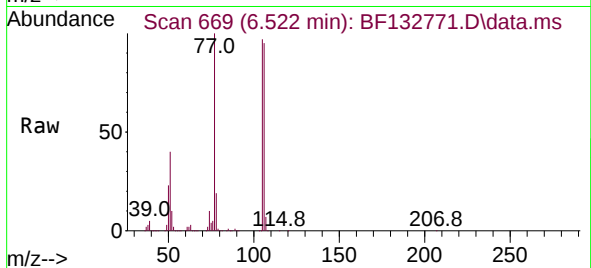
Tgt Ion:128 Resp: 620887
Ion Ratio Lower Upper
128 100
130 32.2 12.1 52.1
64 49.1 32.0 72.0





#9
Benzaldehyde
Concen: 31.211 ng
RT: 6.522 min Scan# 60
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

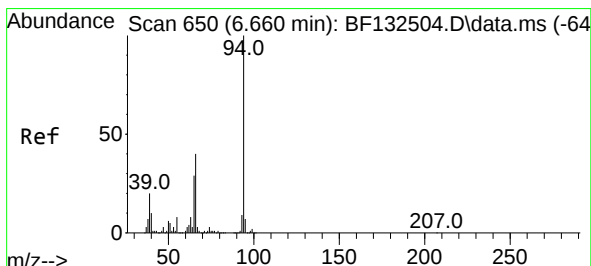
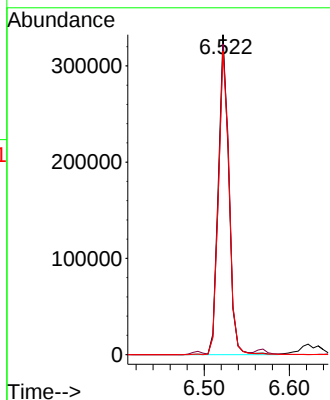
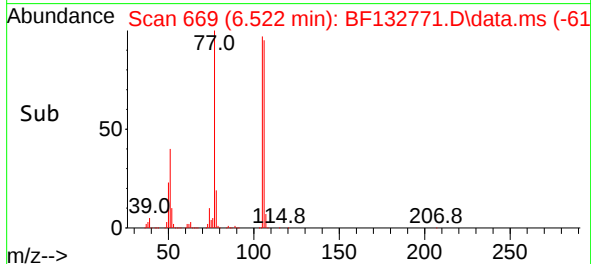
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 283101
Ion Ratio Lower Upper
77 100
105 97.1 77.9 117.9
106 94.8 73.4 113.4

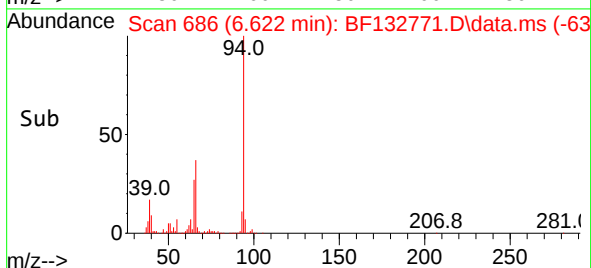
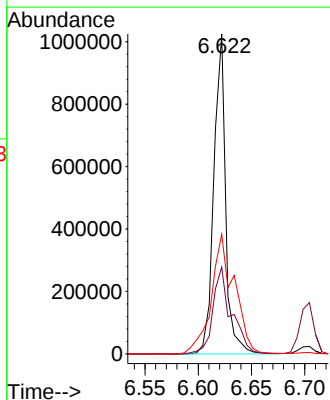
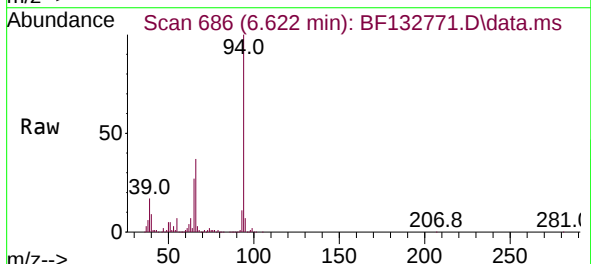
Manual Integrations
APPROVED

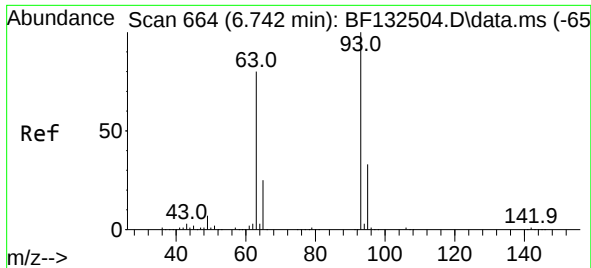
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#10
Phenol
Concen: 41.180 ng
RT: 6.622 min Scan# 686
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Tgt Ion: 94 Resp: 793619
Ion Ratio Lower Upper
94 100
65 27.1 9.4 49.4
66 37.4 19.8 59.8





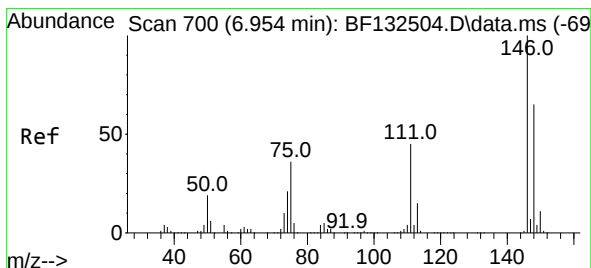
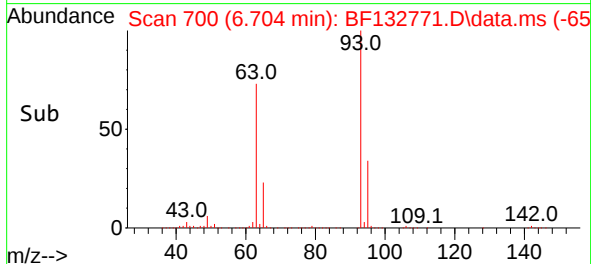
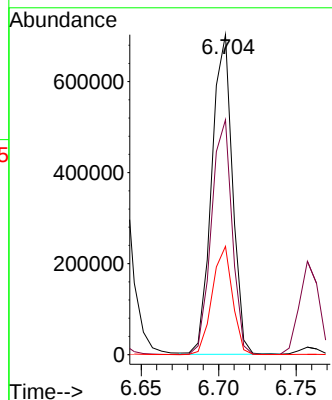
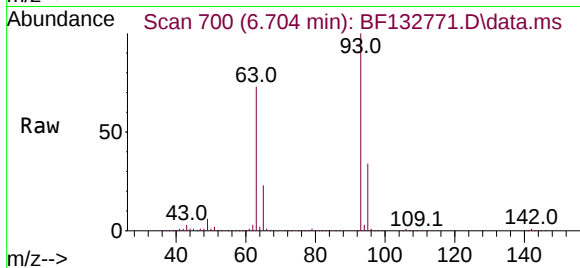
#11
bis(2-Chloroethyl)ether
Concen: 43.828 ng
RT: 6.704 min Scan# 704
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Instrument :
BNA_F
ClientSampleId :
030923-1MSD

Tgt Ion: 93 Resp: 652054
Ion Ratio Lower Upper
93 100
63 73.4 59.6 99.6
95 33.8 12.8 52.8

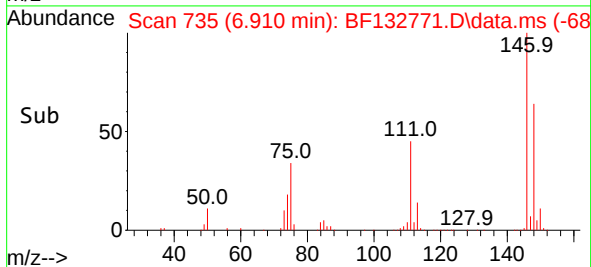
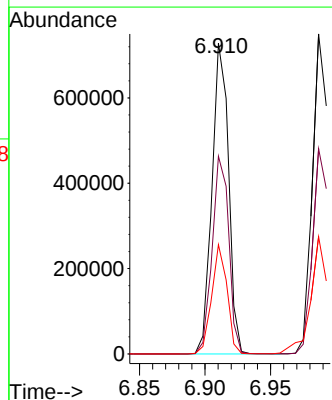
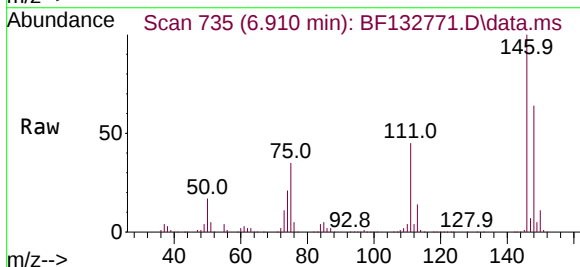
Manual Integrations
APPROVED

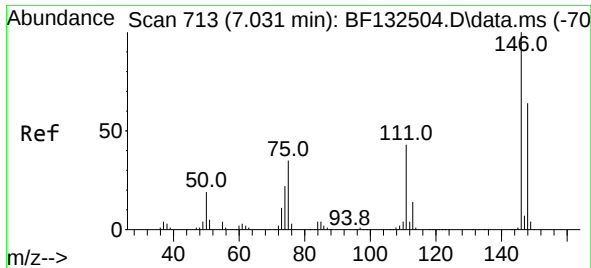
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#12
1,3-Dichlorobenzene
Concen: 44.626 ng
RT: 6.910 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Tgt Ion:146 Resp: 640183
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
75 35.1 28.9 43.3





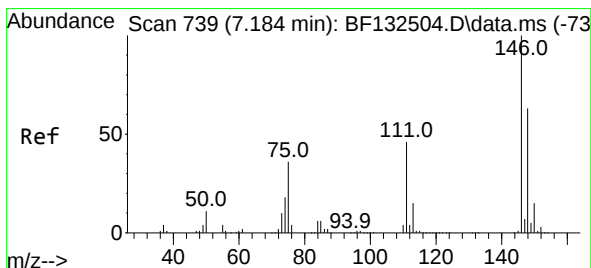
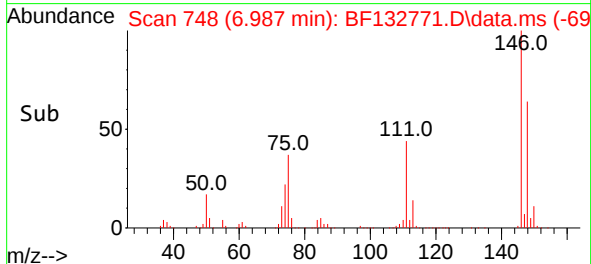
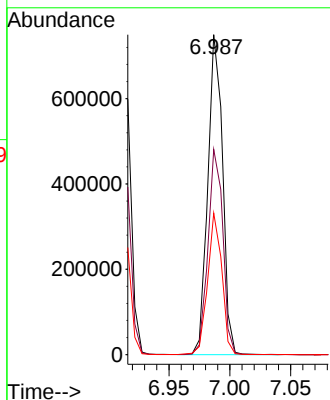
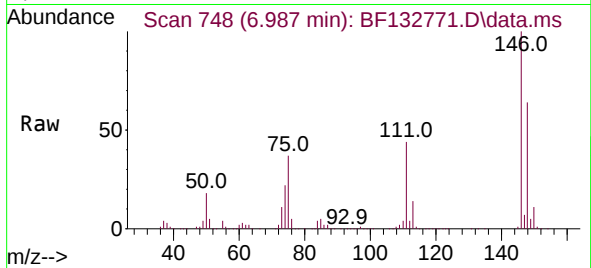
#13
1,4-Dichlorobenzene
Concen: 44.217 ng
RT: 6.987 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Instrument :
BNA_F
ClientSampleId :
030923-1MSD

Tgt Ion:146 Resp: 633386
Ion Ratio Lower Upper
146 100
148 64.1 51.1 76.7
111 44.2 34.8 52.2

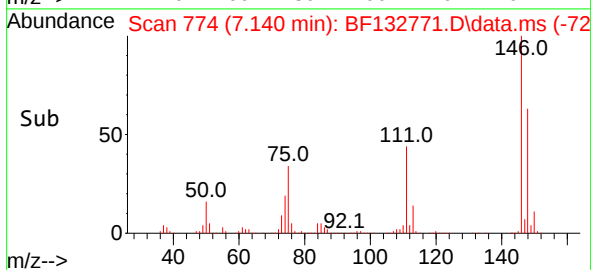
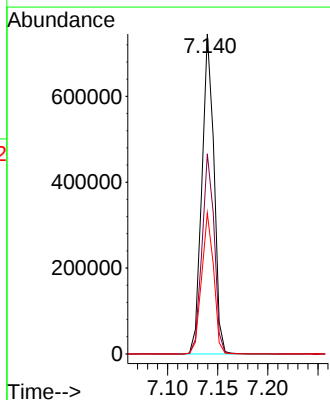
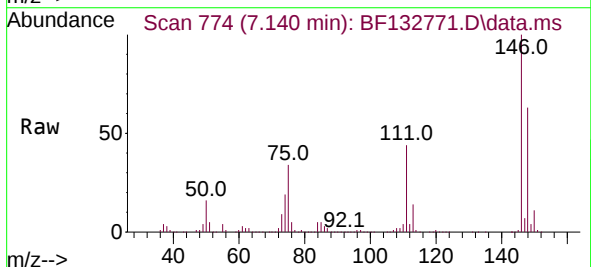
Manual Integrations
APPROVED

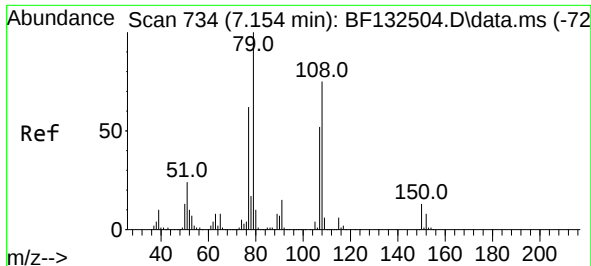
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#14
1,2-Dichlorobenzene
Concen: 45.208 ng
RT: 7.140 min Scan# 774
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

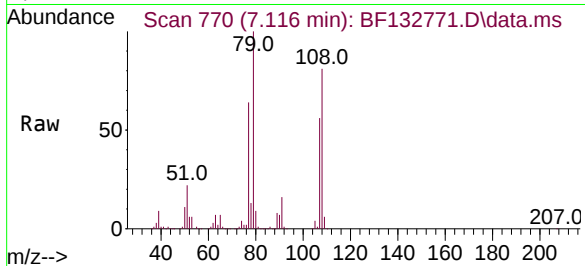
Tgt Ion:146 Resp: 621487
Ion Ratio Lower Upper
146 100
148 62.5 50.6 75.8
111 44.0 37.2 55.8





#15
Benzyl Alcohol
Concen: 43.447 ng
RT: 7.116 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

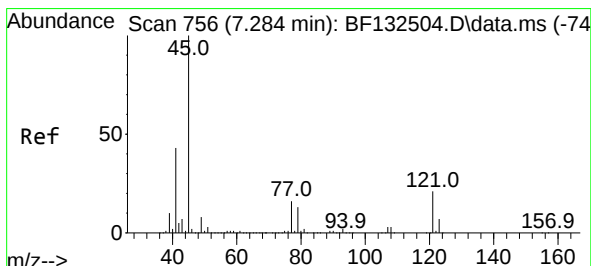
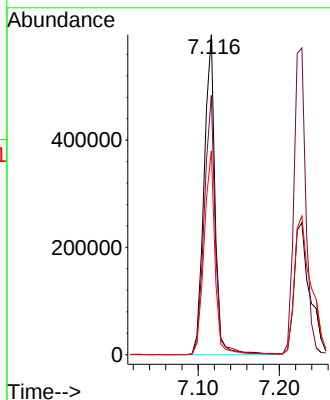
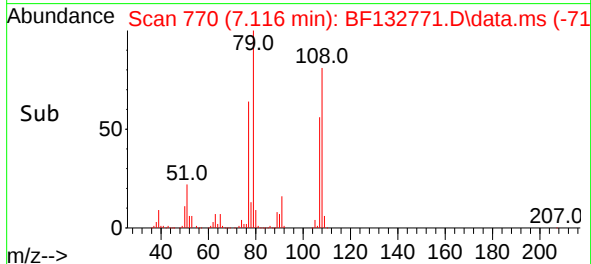
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



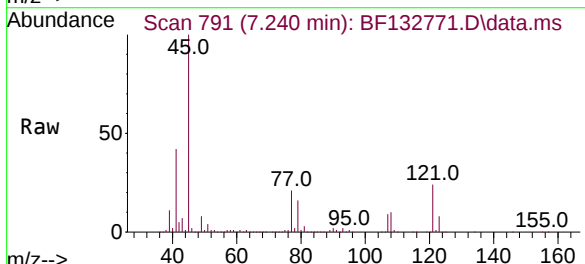
Tgt Ion: 79 Resp: 562469
Ion Ratio Lower Upper
79 100
108 81.0 60.2 90.4
77 63.7 49.9 74.9

Manual Integrations
APPROVED

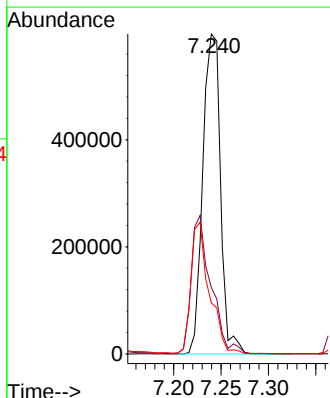
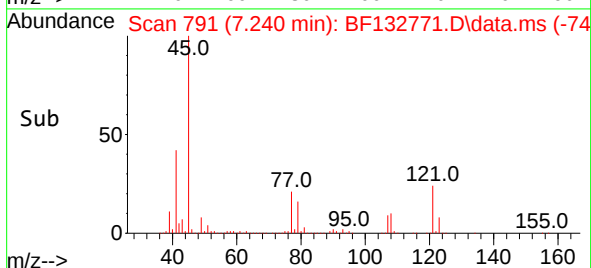
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

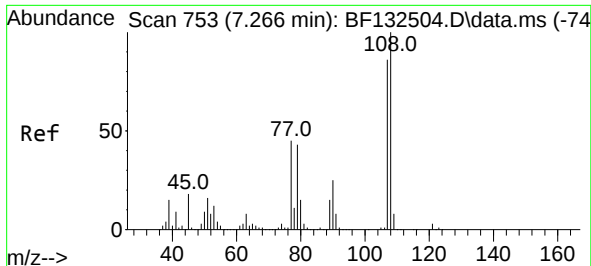


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.084 ng
RT: 7.240 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00



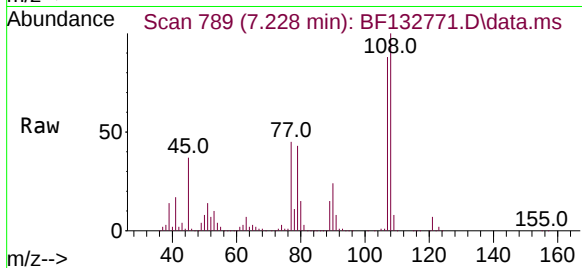
Tgt Ion: 45 Resp: 779454
Ion Ratio Lower Upper
45 100
77 20.8 0.0 36.4
79 15.9 0.0 33.4





#17
2-Methylphenol
Concen: 41.011 ng
RT: 7.228 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

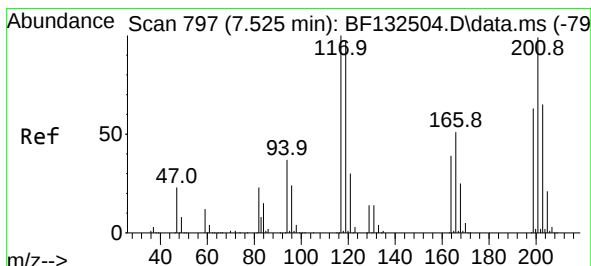
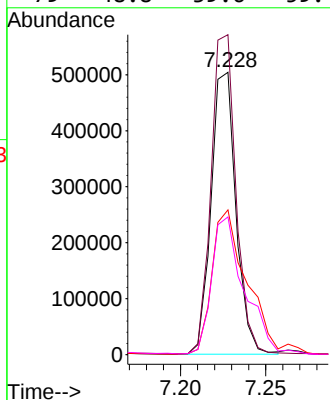
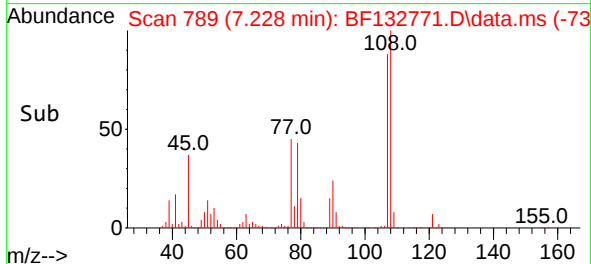
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



Tgt Ion:107 Resp: 511656
Ion Ratio Lower Upper
107 100
108 113.3 93.0 139.4
77 51.3 42.1 63.1
79 48.8 39.6 59.4

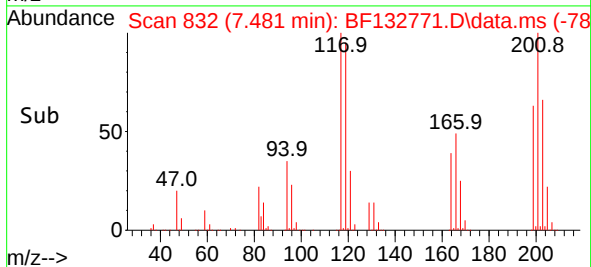
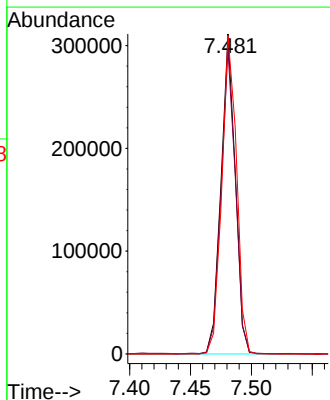
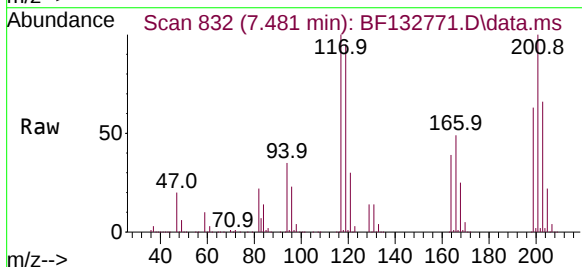
Manual Integrations
APPROVED

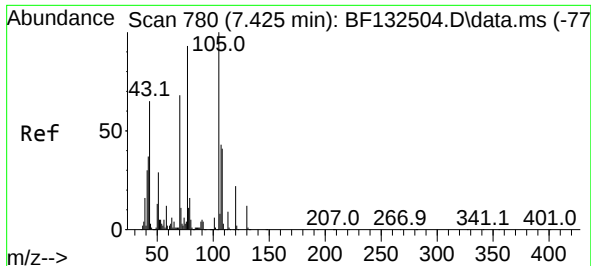
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#18
Hexachloroethane
Concen: 45.041 ng
RT: 7.481 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

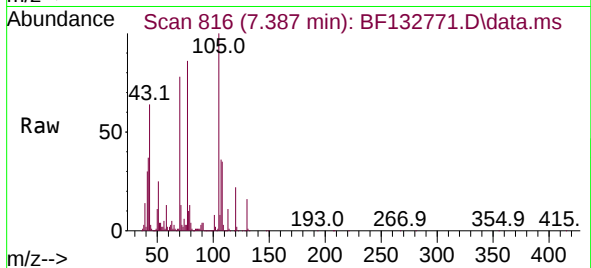
Tgt Ion:117 Resp: 252059
Ion Ratio Lower Upper
117 100
119 95.0 78.0 117.0
201 99.6 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 38.352 ng
RT: 7.387 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

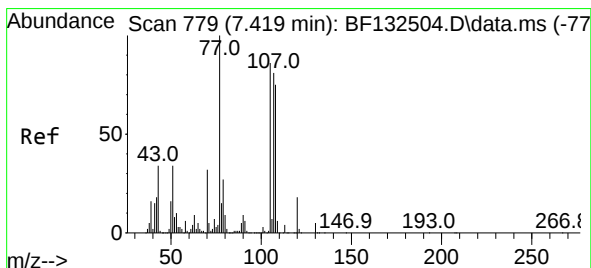
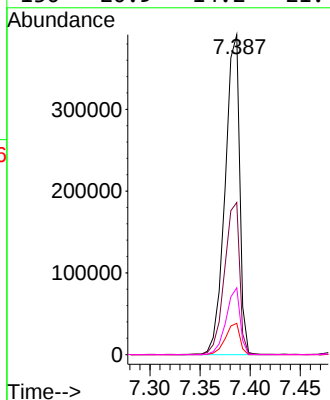
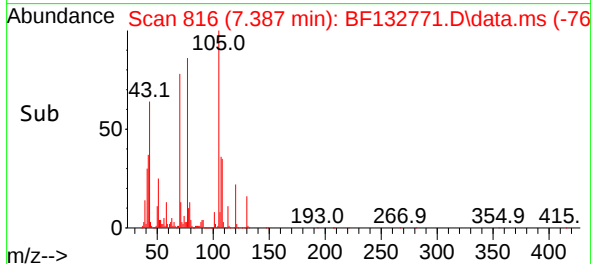
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



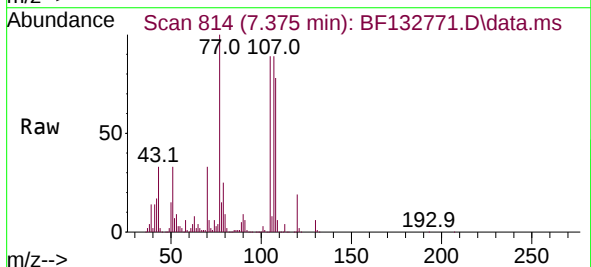
Tgt Ion: 70 Resp: 396773
Ion Ratio Lower Upper
70 100
42 47.5 44.1 66.1
101 9.8 7.4 11.2
130 20.9 14.2 21.4

Manual Integrations
APPROVED

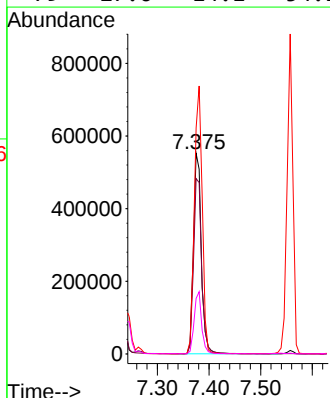
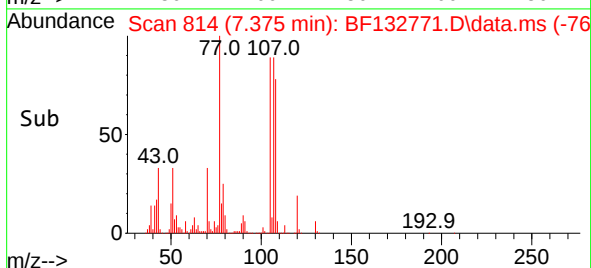
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

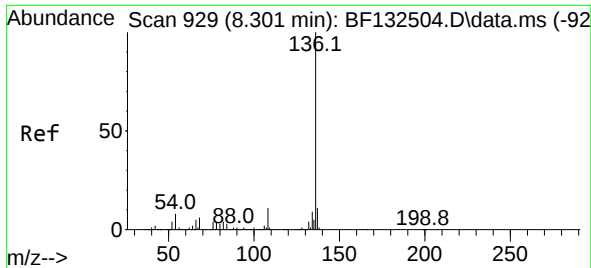


#20
3+4-Methylphenols
Concen: 35.908 ng
RT: 7.375 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00



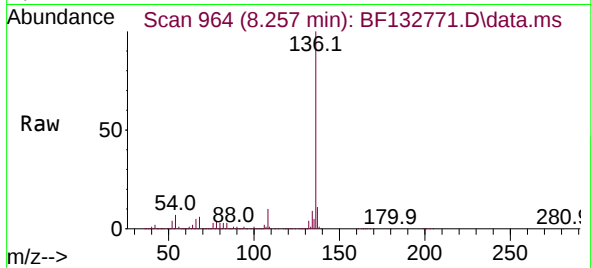
Tgt Ion:107 Resp: 578780
Ion Ratio Lower Upper
107 100
108 87.4 72.6 112.6
77 112.6 104.0 144.0
79 27.6 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

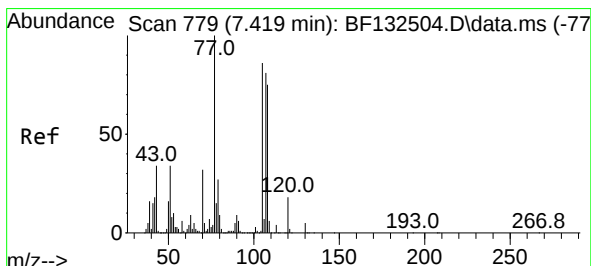
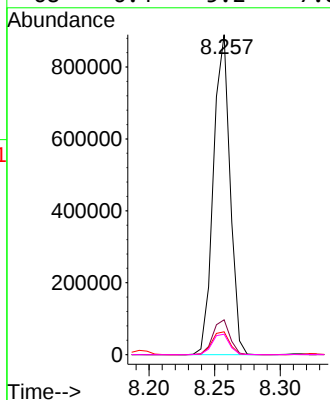
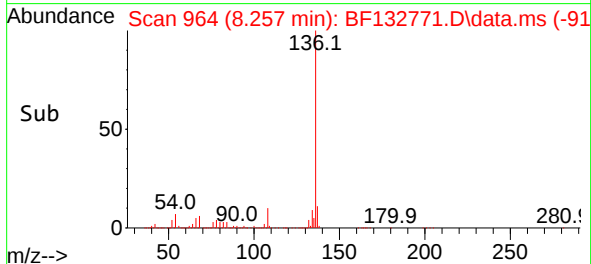
Instrument :
BNA_F
Client Sample Id :
030923-1MSD



Tgt Ion:136 Resp: 784200
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.1 6.2 9.4
68 6.4 5.2 7.8

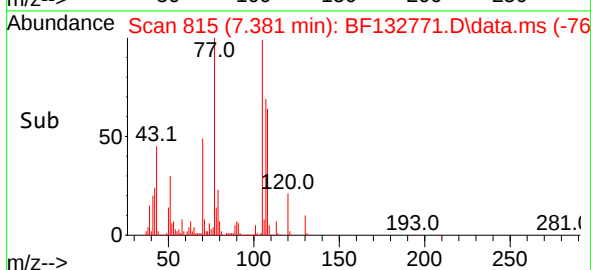
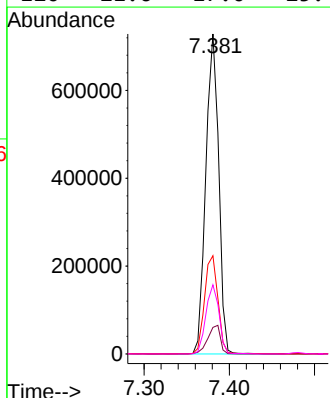
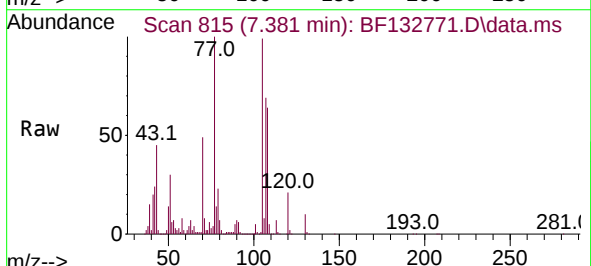
Manual Integrations
APPROVED

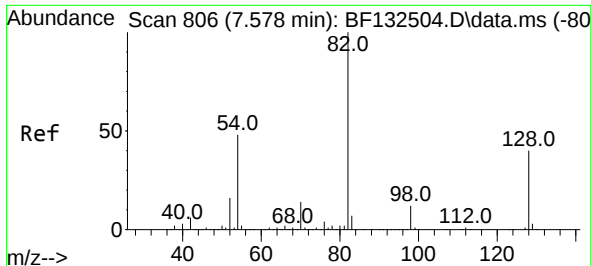
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#22
Acetophenone
Concen: 38.670 ng
RT: 7.381 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Tgt Ion:105 Resp: 764667
Ion Ratio Lower Upper
105 100
71 8.3 5.0 7.4#
51 30.7 31.5 47.3#
120 21.6 17.0 25.4





#23

Nitrobenzene-d5

Concen: 61.948 ng

RT: 7.540 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF132771.D

Acq: 13 Mar 2023 21:00

Instrument :

BNA_F

ClientSampleId :

030923-1MSD

Tgt Ion: 82 Resp: 1023925

Ion Ratio Lower Upper

82 100

128 43.8 32.2 48.2

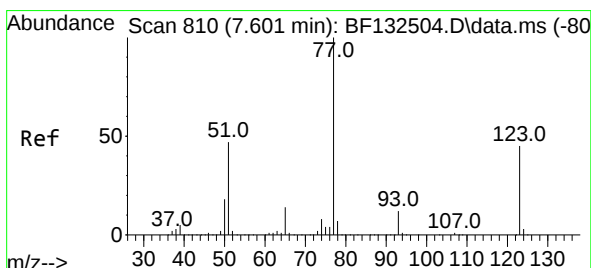
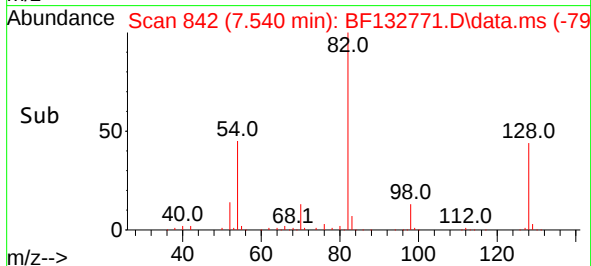
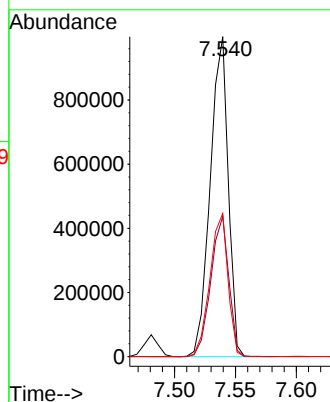
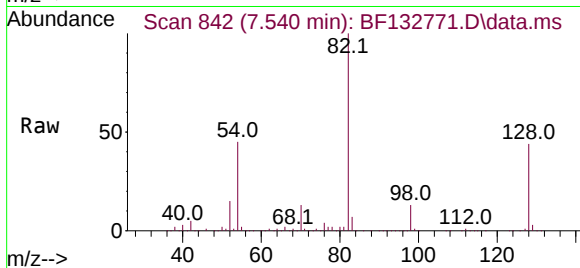
54 44.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#24

Nitrobenzene

Concen: 38.851 ng

RT: 7.557 min Scan# 845

Delta R.T. -0.006 min

Lab File: BF132771.D

Acq: 13 Mar 2023 21:00

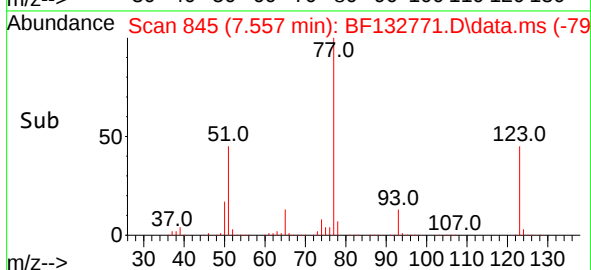
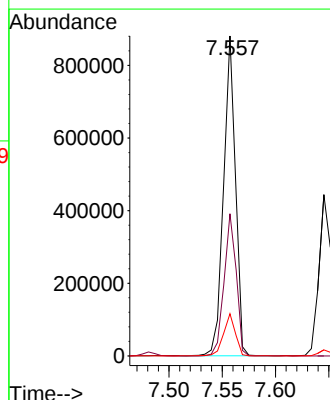
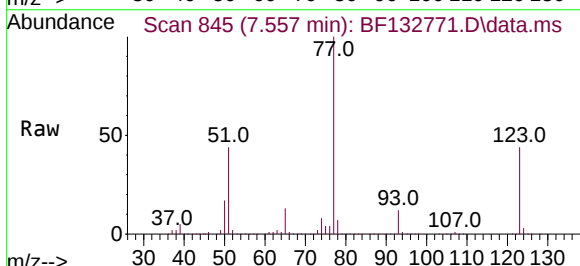
Tgt Ion: 77 Resp: 686777

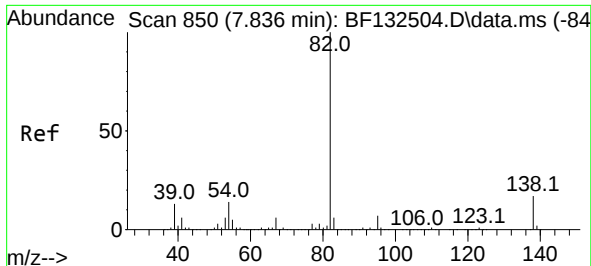
Ion Ratio Lower Upper

77 100

123 44.4 35.8 53.6

65 13.2 10.9 16.3





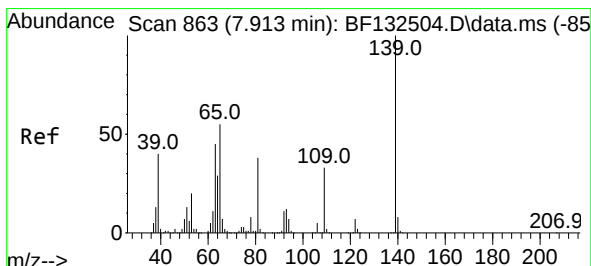
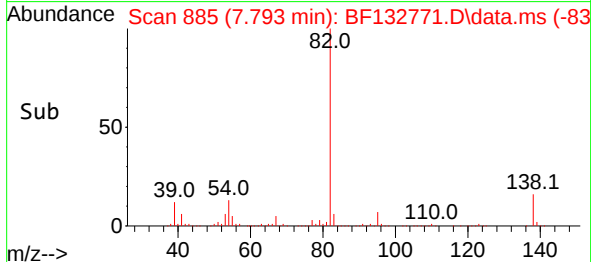
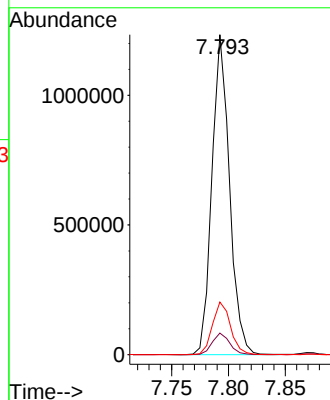
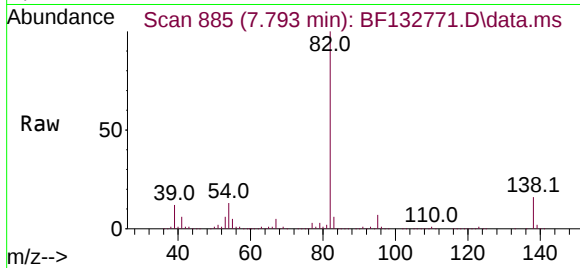
#25
Isophorone
Concen: 41.922 ng
RT: 7.793 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Instrument :
BNA_F
ClientSampleId :
030923-1MSD

Tgt Ion: 82 Resp: 1328492
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 16.4 13.3 19.9

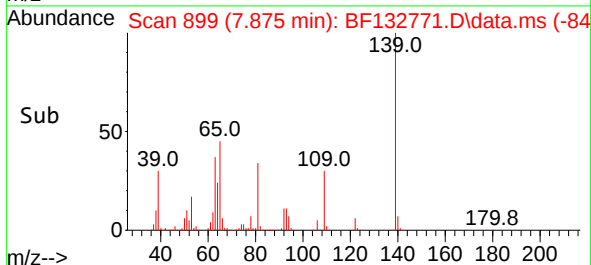
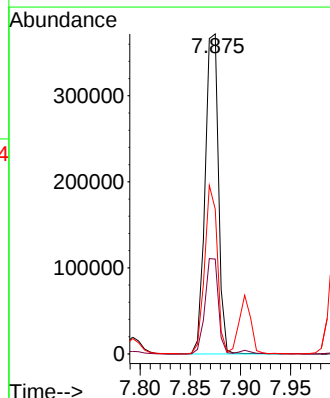
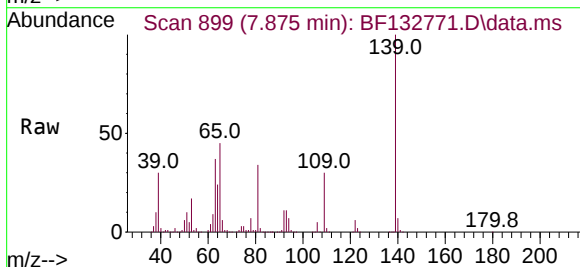
Manual Integrations
APPROVED

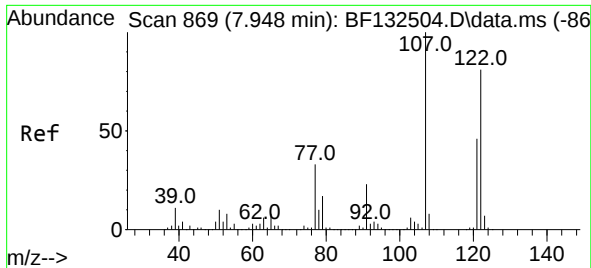
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#26
2-Nitrophenol
Concen: 43.934 ng
RT: 7.875 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Tgt Ion:139 Resp: 342666
Ion Ratio Lower Upper
139 100
109 29.7 26.2 39.2
65 45.2 43.8 65.8





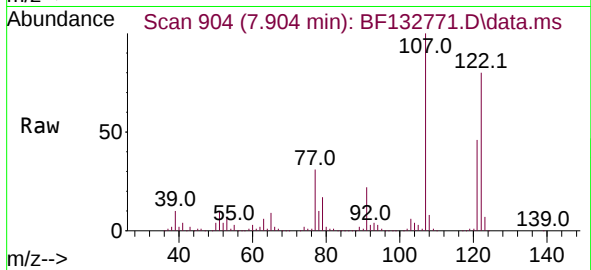
#27
2,4-Dimethylphenol
Concen: 43.079 ng
RT: 7.904 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Instrument :

BNA_F

ClientSampleId :

030923-1MSD

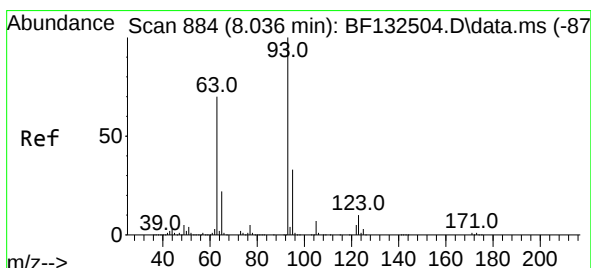
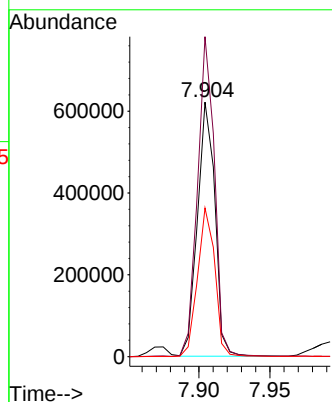
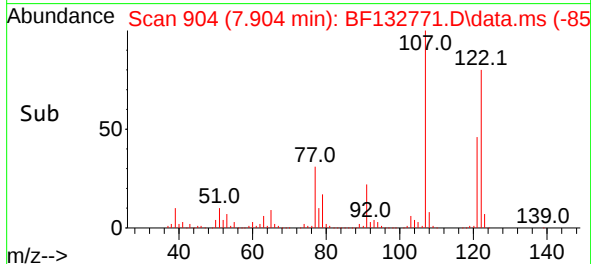


Tgt Ion:122 Resp: 530300
Ion Ratio Lower Upper
122 100
107 125.8 98.7 148.1
121 58.4 45.8 68.6

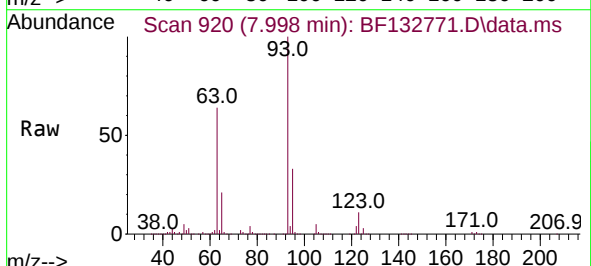
Manual Integrations

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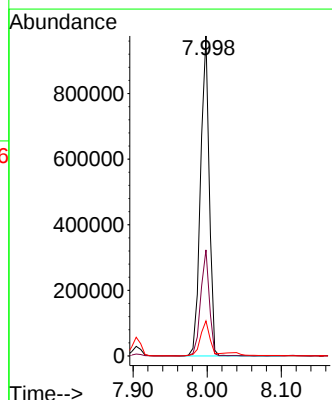
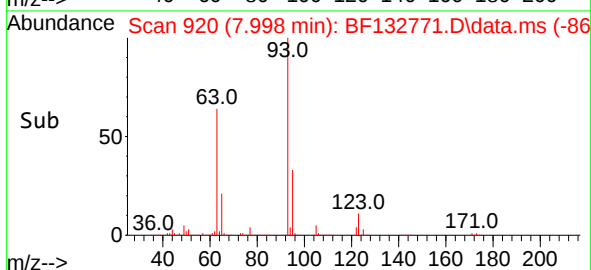
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

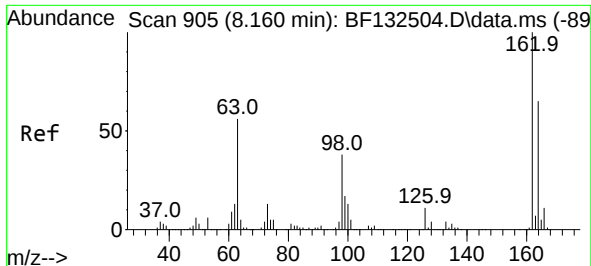


#28
bis(2-Chloroethoxy)methane
Concen: 42.961 ng
RT: 7.998 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00



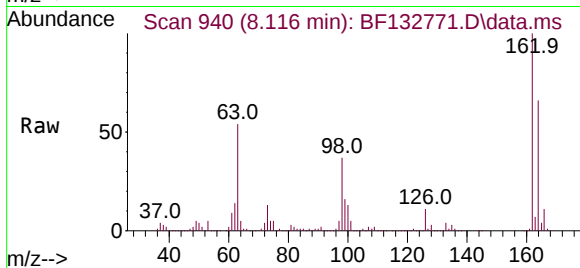
Tgt Ion: 93 Resp: 796416
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 10.9 8.3 12.5





#29
2,4-Dichlorophenol
Concen: 43.645 ng
RT: 8.116 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

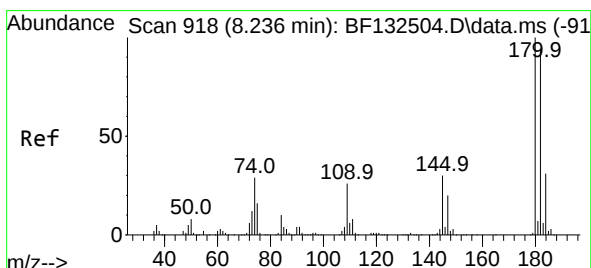
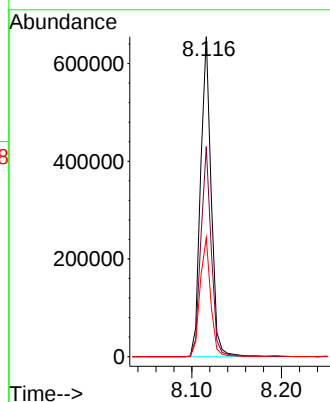
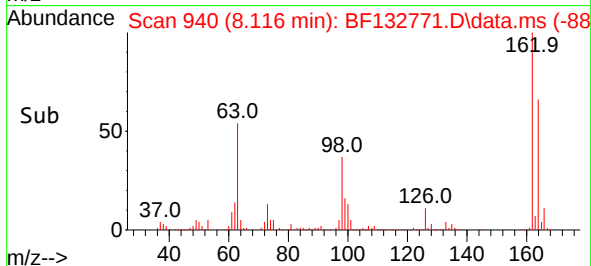
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



Tgt Ion:162 Resp: 534446
Ion Ratio Lower Upper
162 100
164 65.6 45.3 85.3
98 37.1 17.9 57.9

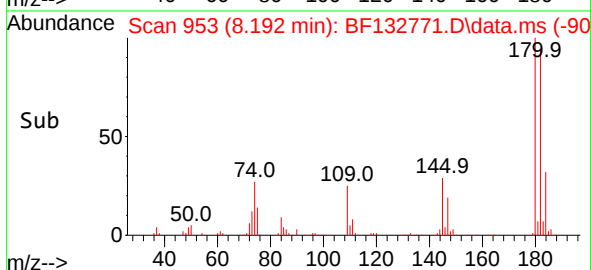
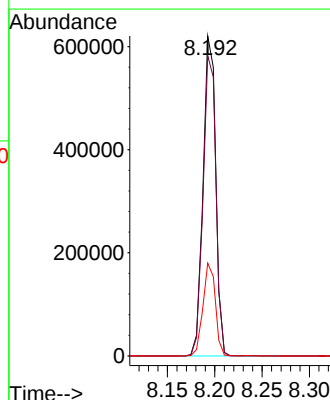
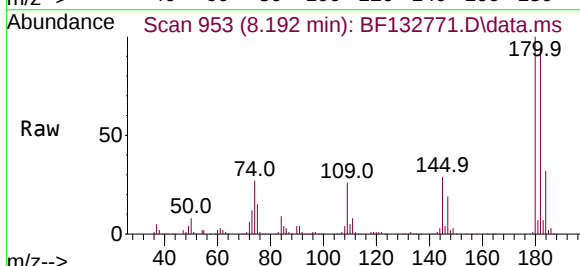
Manual Integrations
APPROVED

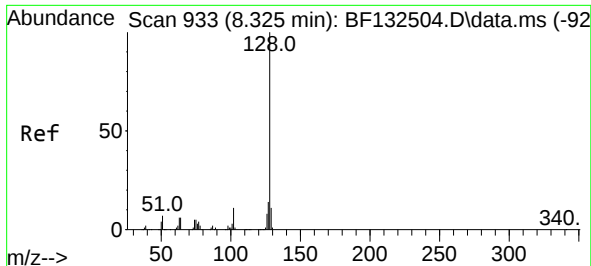
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#30
1,2,4-Trichlorobenzene
Concen: 43.314 ng
RT: 8.192 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

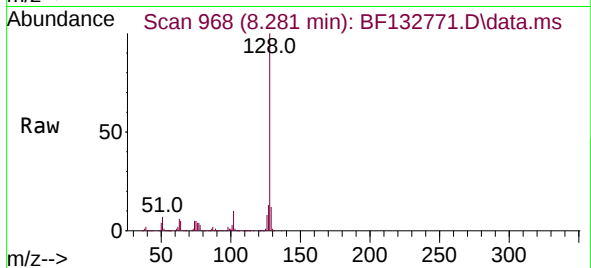
Tgt Ion:180 Resp: 575935
Ion Ratio Lower Upper
180 100
182 93.8 75.1 112.7
145 29.0 23.8 35.6





#31
Naphthalene
Concen: 40.302 ng
RT: 8.281 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

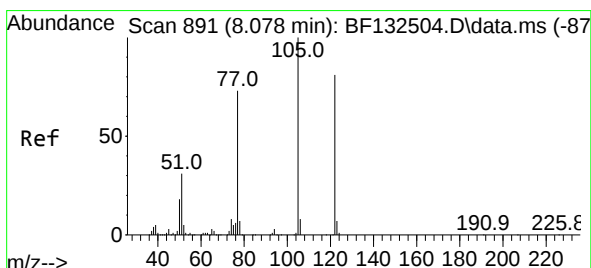
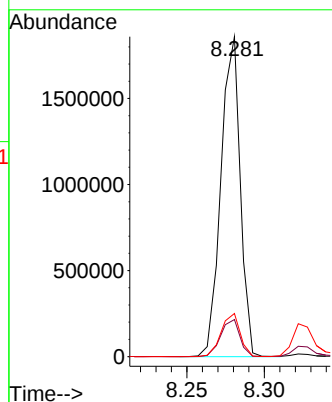
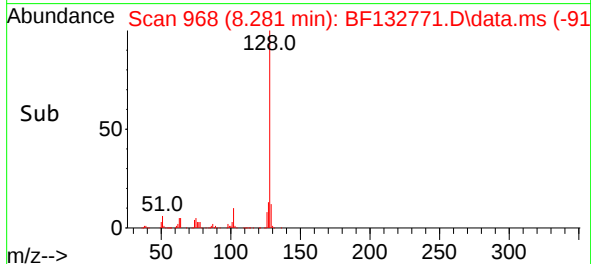
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



Tgt Ion:128 Resp: 1617945
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.5 11.0 16.6

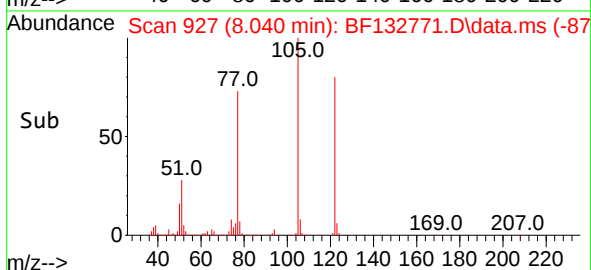
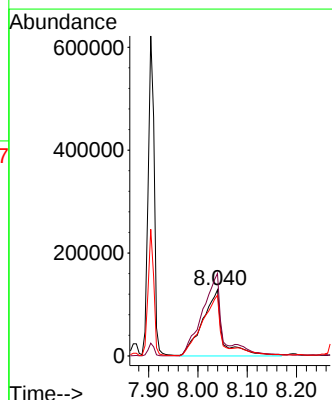
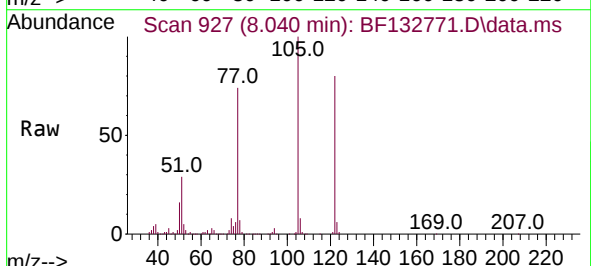
Manual Integrations
APPROVED

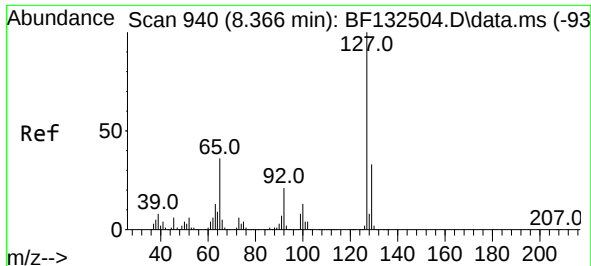
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#32
Benzoic acid
Concen: 39.064 ng m
RT: 8.040 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Tgt Ion:122 Resp: 371413
Ion Ratio Lower Upper
122 100
105 124.8 102.6 142.6
77 91.8 70.2 110.2





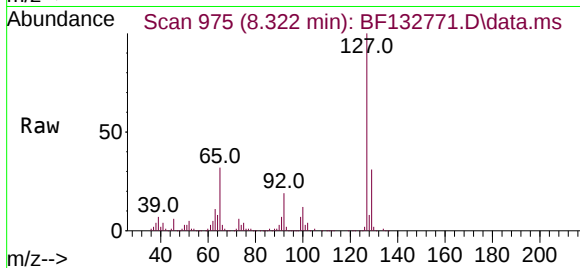
#33
4-Chloroaniline
Concen: 12.205 ng
RT: 8.322 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Instrument :

BNA_F

ClientSampleId :

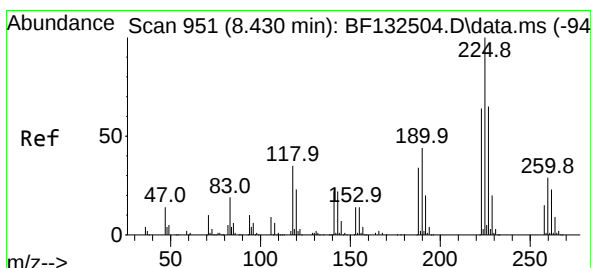
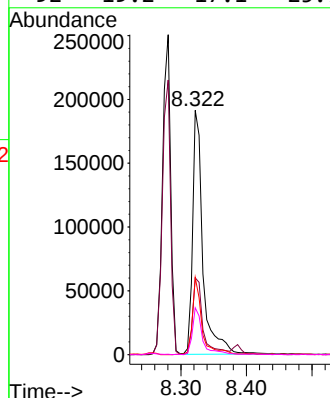
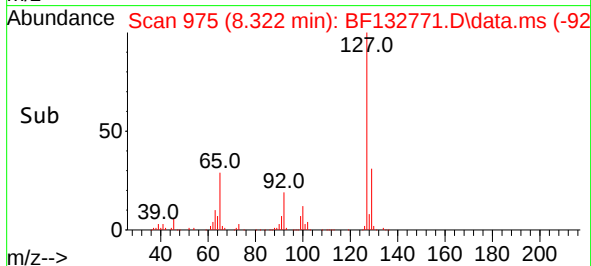
030923-1MSD



Tgt Ion:127 Resp: 20997
Ion Ratio Lower Upper
127 100
129 31.4 26.4 39.6
65 31.6 28.8 43.2
92 19.2 17.1 25.7

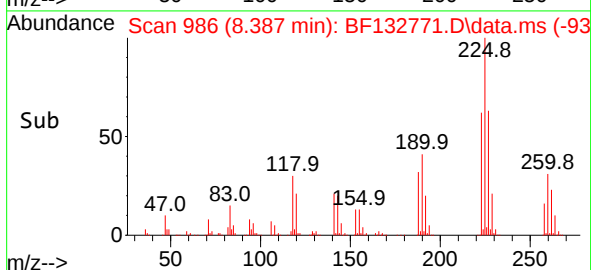
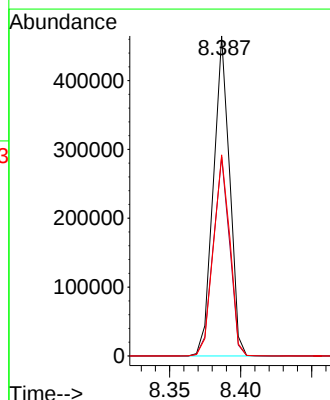
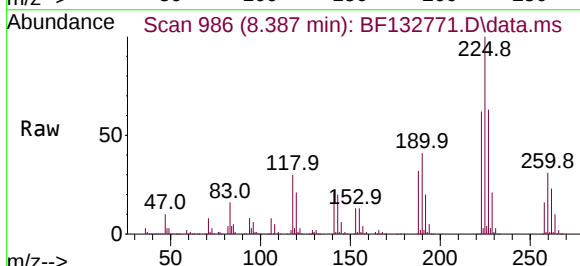
Manual Integrations
APPROVED

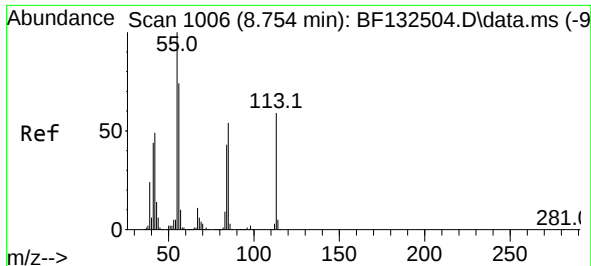
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#34
Hexachlorobutadiene
Concen: 43.854 ng
RT: 8.387 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

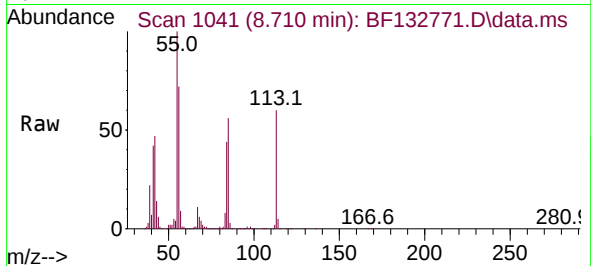
Tgt Ion:225 Resp: 370541
Ion Ratio Lower Upper
225 100
223 62.2 51.0 76.4
227 62.8 51.7 77.5





#35
Caprolactam
Concen: 48.381 ng m
RT: 8.710 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

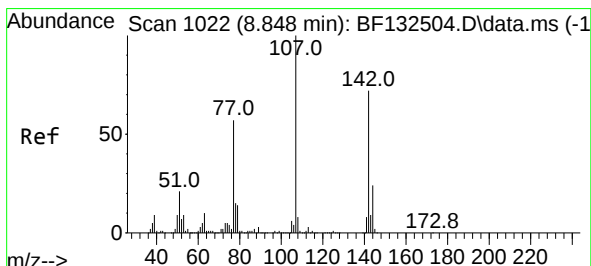
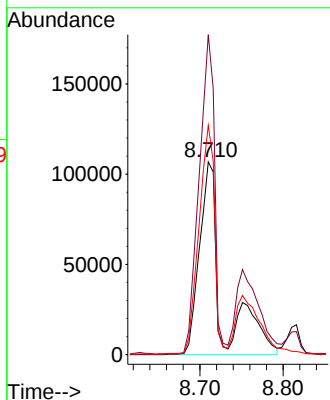
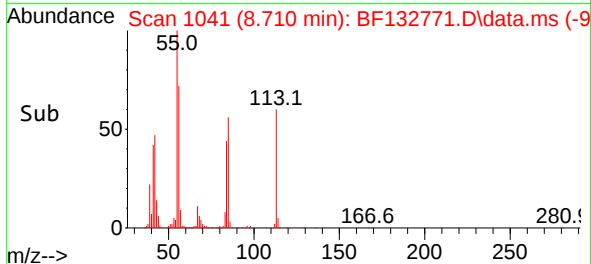
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



Tgt Ion:113 Resp: 195312
Ion Ratio Lower Upper
113 100
55 166.0 149.4 189.4
56 118.9 105.0 145.0

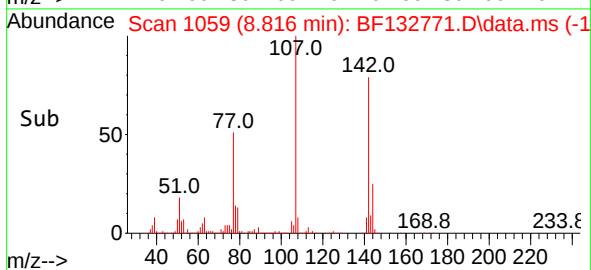
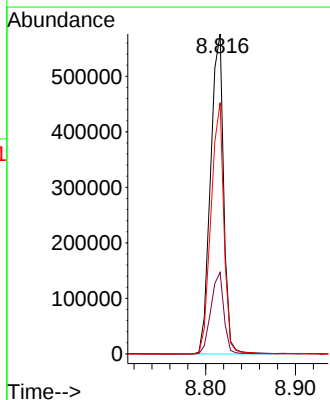
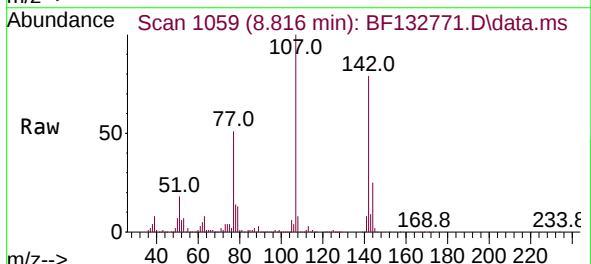
Manual Integrations
APPROVED

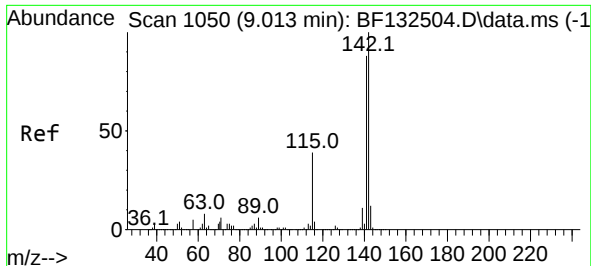
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#36
4-Chloro-3-methylphenol
Concen: 43.776 ng
RT: 8.816 min Scan# 1059
Delta R.T. 0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Tgt Ion:107 Resp: 588703
Ion Ratio Lower Upper
107 100
144 25.5 18.9 28.3
142 78.5 57.9 86.9





#37

2-Methylnaphthalene

Concen: 40.158 ng

RT: 8.969 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BF132771.D

Acq: 13 Mar 2023 21:00

Instrument :

BNA_F

ClientSampleId :

030923-1MSD

Tgt Ion:142 Resp: 1098682

Ion Ratio Lower Upper

142 100

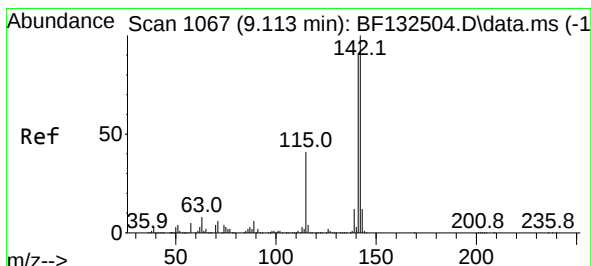
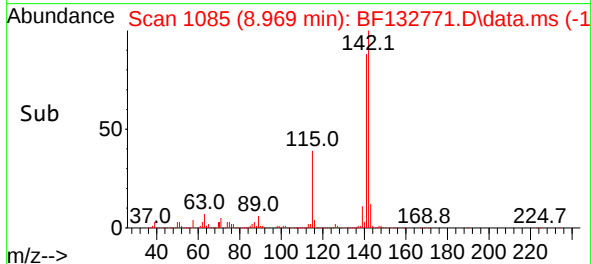
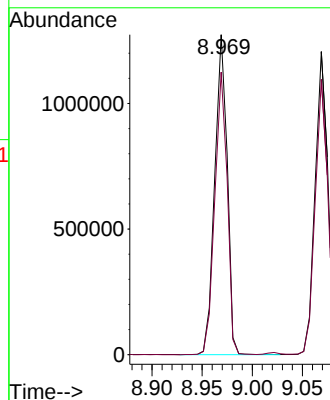
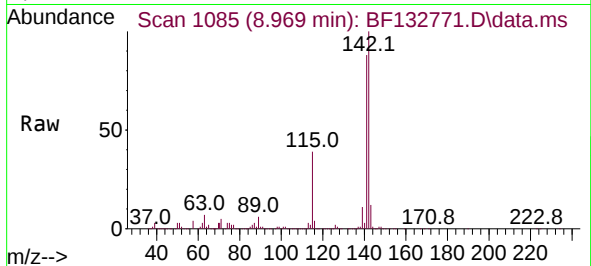
141 88.3 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#38

1-Methylnaphthalene

Concen: 40.444 ng

RT: 9.069 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BF132771.D

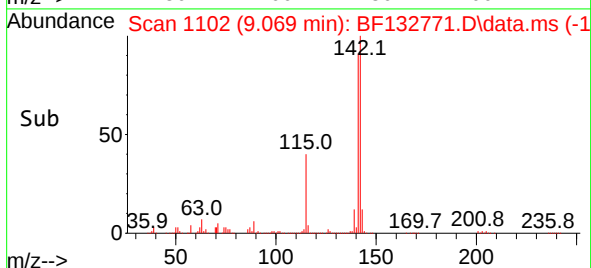
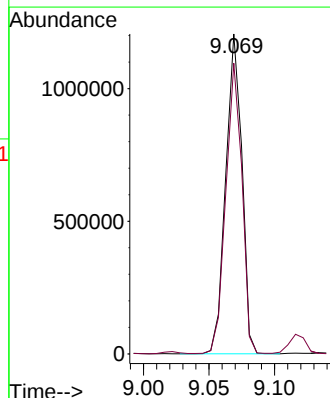
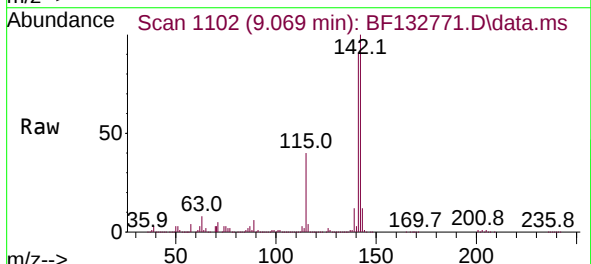
Acq: 13 Mar 2023 21:00

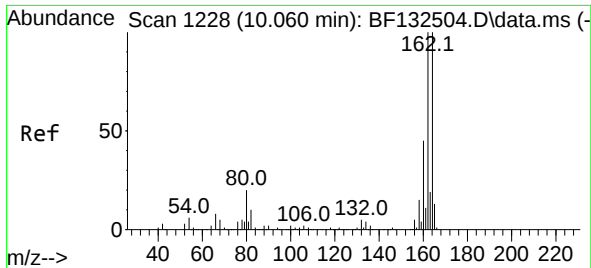
Tgt Ion:142 Resp: 1034090

Ion Ratio Lower Upper

142 100

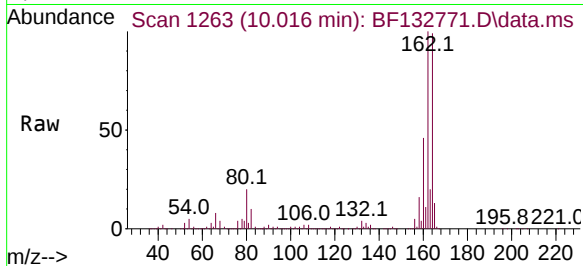
141 90.8 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

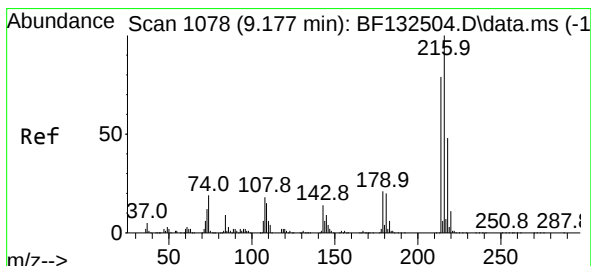
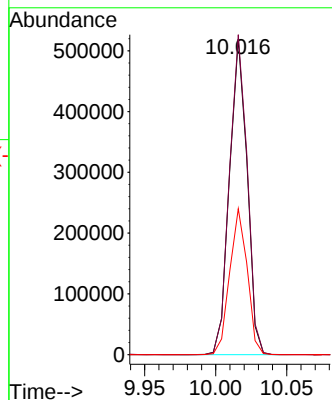
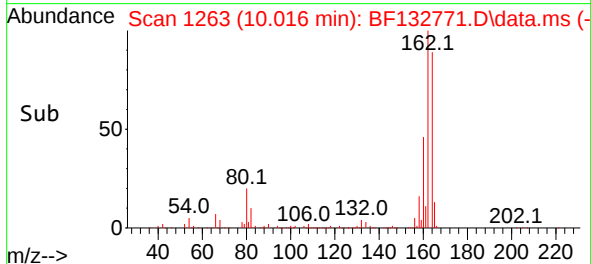
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



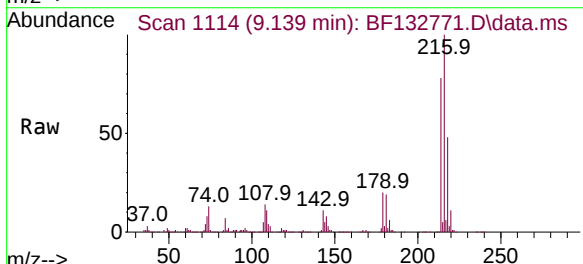
Tgt Ion:164 Resp: 44837
Ion Ratio Lower Upper
164 100
162 101.4 79.8 119.8
160 46.2 35.8 53.6

Manual Integrations
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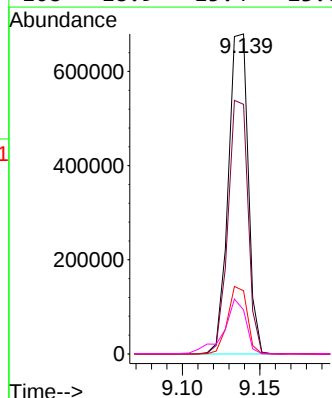
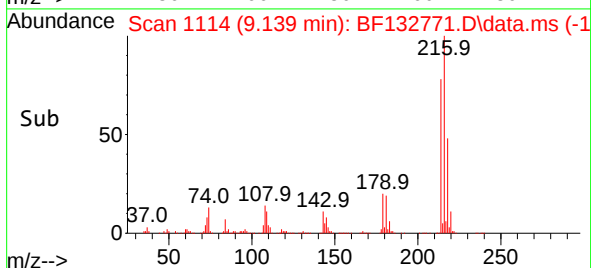
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

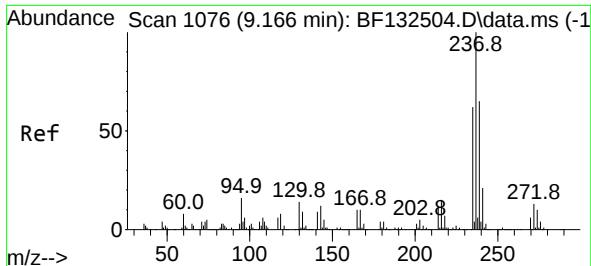


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.476 ng
RT: 9.139 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00



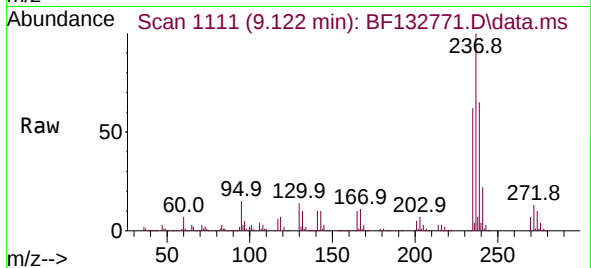
Tgt Ion:216 Resp: 608432
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.6
179 20.6 16.6 24.8
108 18.9 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 72.387 ng
RT: 9.122 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

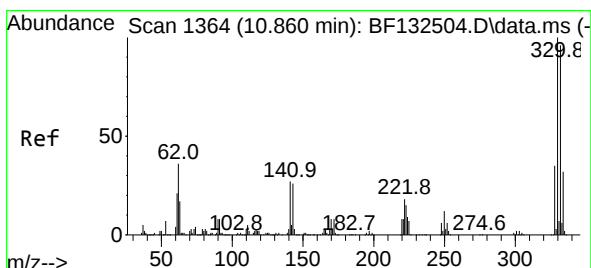
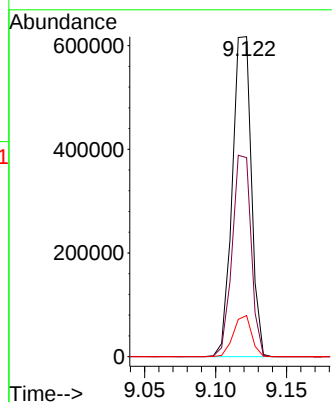
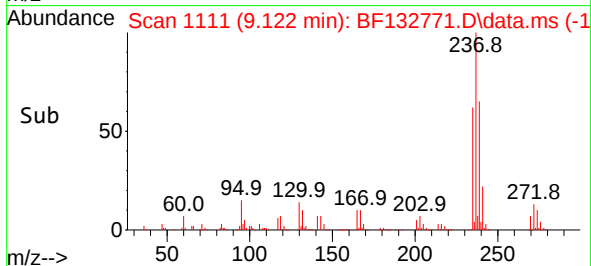
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



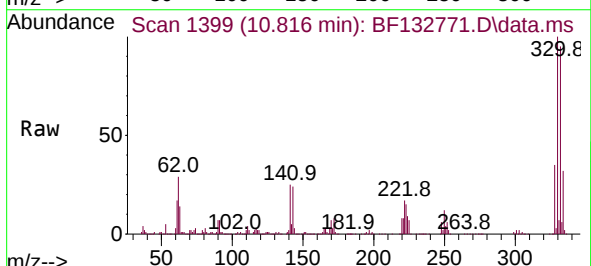
Tgt Ion: 237 Resp: 575960
Ion Ratio Lower Upper
237 100
235 62.2 42.4 82.4
272 12.8 0.0 32.7

Manual Integrations
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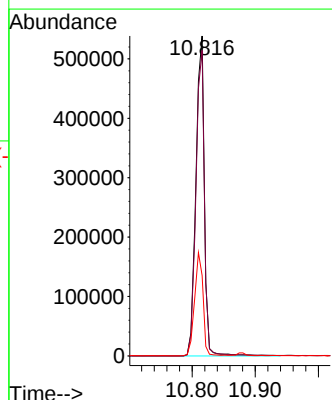
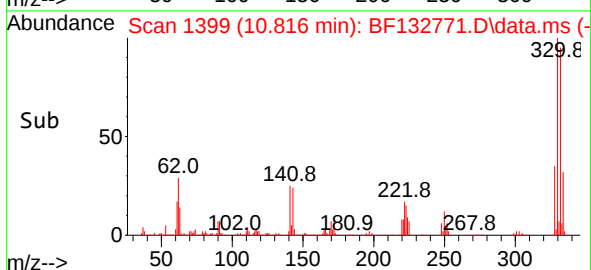
Reviewed By : Christian Giraldo 03/14/2023
Supervised By : Jagrut Upadhyay 03/14/2023

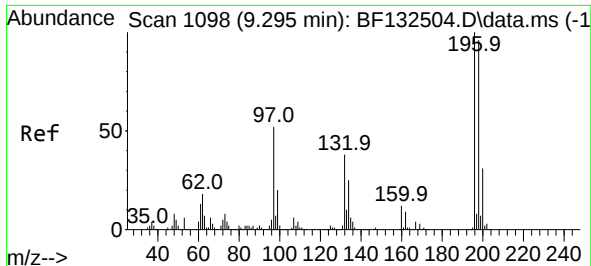


#42
2,4,6-Tribromophenol
Concen: 104.256 ng
RT: 10.816 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00



Tgt Ion: 330 Resp: 504828
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 32.0 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 41.591 ng

RT: 9.251 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BF132771.D

Acq: 13 Mar 2023 21:00

Instrument :

BNA_F

ClientSampleId :

030923-1MSD

Tgt Ion:196 Resp: 413480

Ion Ratio Lower Upper

196 100

198 95.4 77.1 115.7

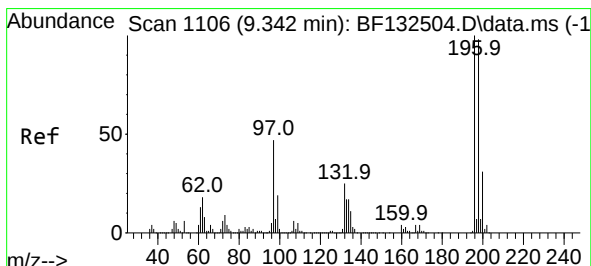
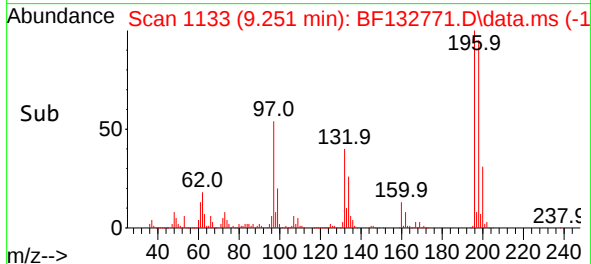
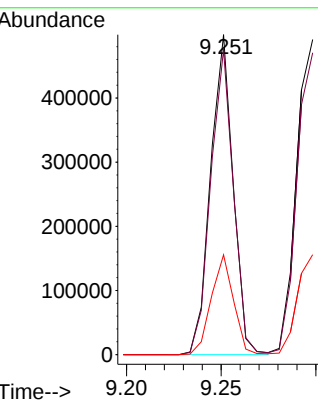
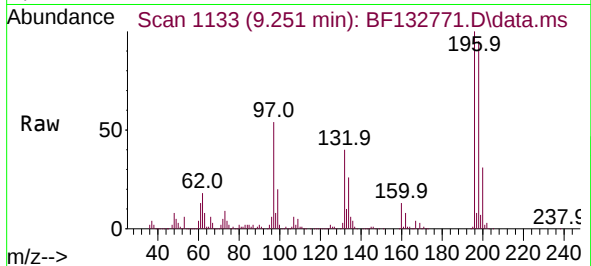
200 31.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#44

2,4,5-Trichlorophenol

Concen: 39.683 ng

RT: 9.298 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF132771.D

Acq: 13 Mar 2023 21:00

Tgt Ion:196 Resp: 460453

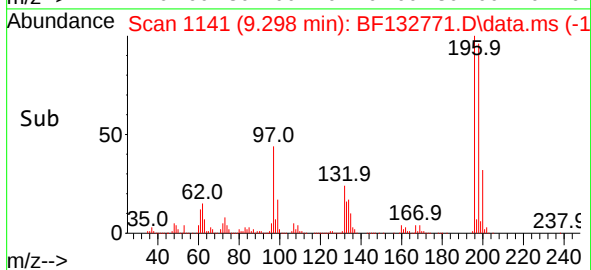
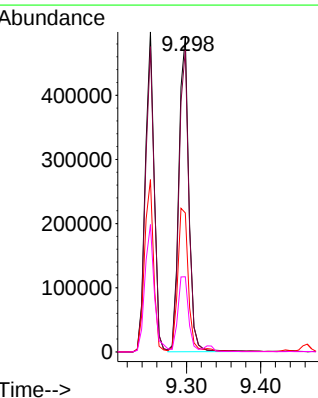
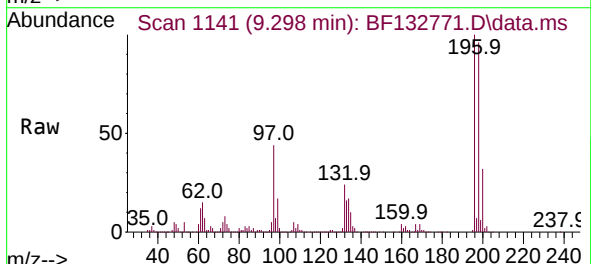
Ion Ratio Lower Upper

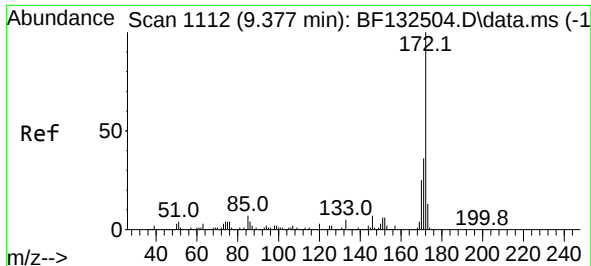
196 100

198 95.8 78.3 117.5

97 44.1 38.1 57.1

132 23.8 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 58.819 ng

RT: 9.334 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132771.D

Acq: 13 Mar 2023 21:00

Instrument :

BNA_F

ClientSampleId :

030923-1MSD

Tgt Ion:172 Resp: 1732019

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

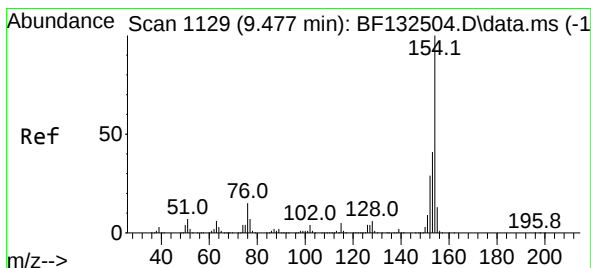
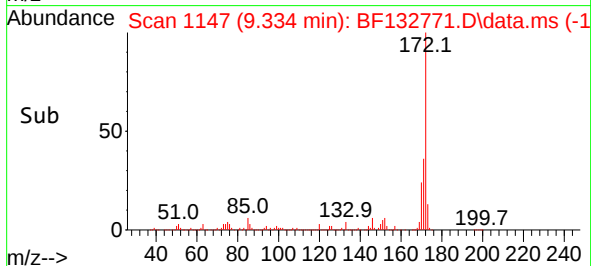
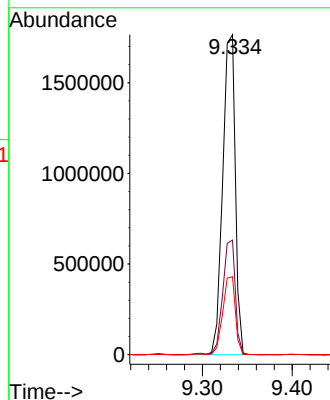
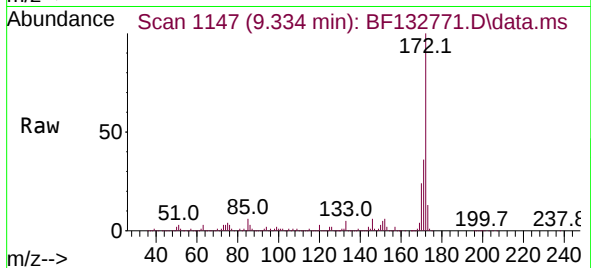
170 24.3 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#46

1,1'-Biphenyl

Concen: 39.867 ng

RT: 9.434 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF132771.D

Acq: 13 Mar 2023 21:00

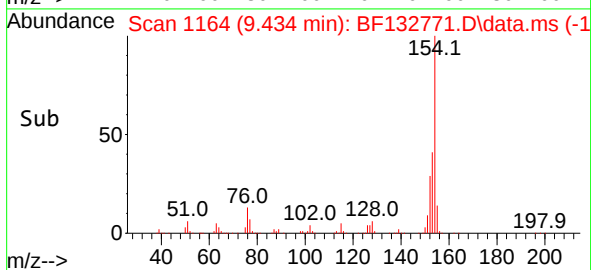
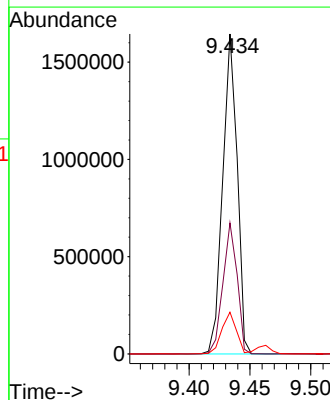
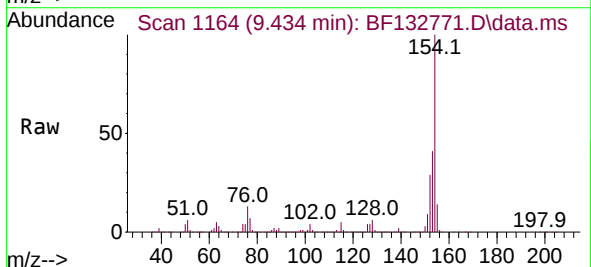
Tgt Ion:154 Resp: 1352937

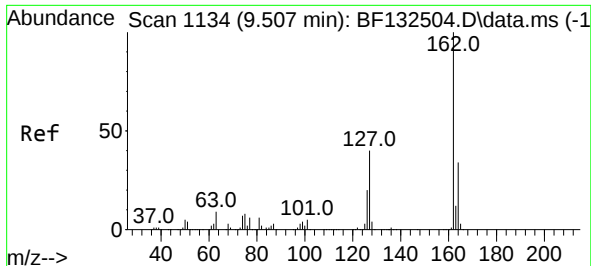
Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

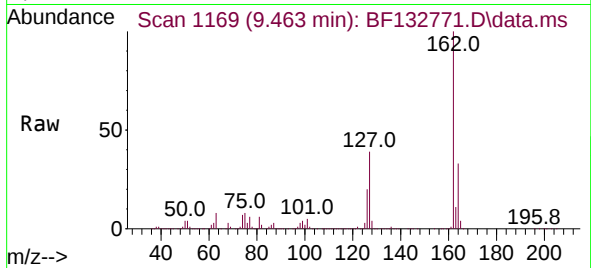
76 13.0 0.0 34.7





#47
2-Chloronaphthalene
Concen: 41.032 ng
RT: 9.463 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

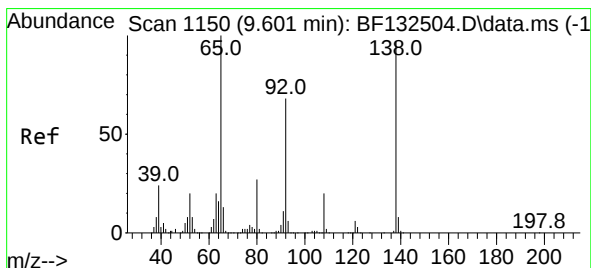
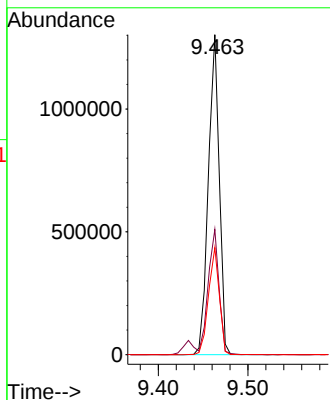
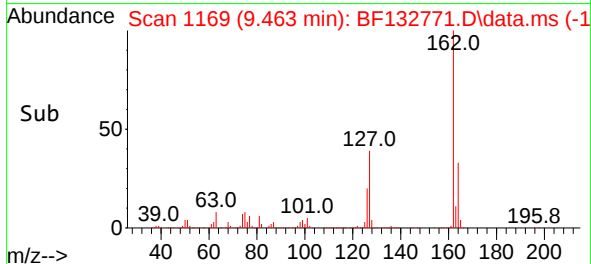
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



Tgt Ion:162 Resp: 1104015
Ion Ratio Lower Upper
162 100
127 39.1 32.3 48.5
164 33.5 26.9 40.3

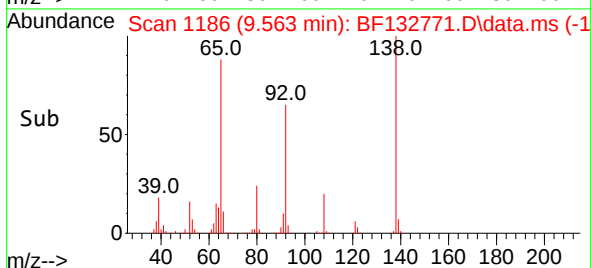
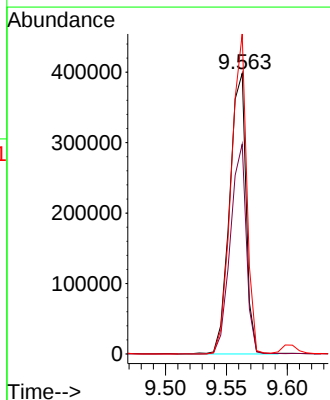
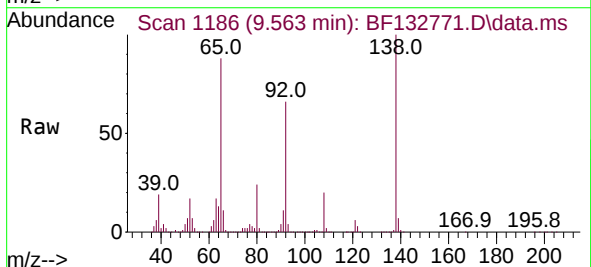
Manual Integrations
APPROVED

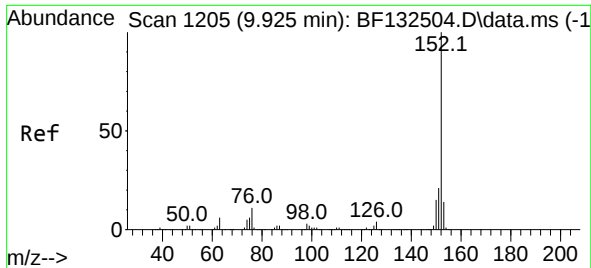
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#48
2-Nitroaniline
Concen: 37.724 ng
RT: 9.563 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

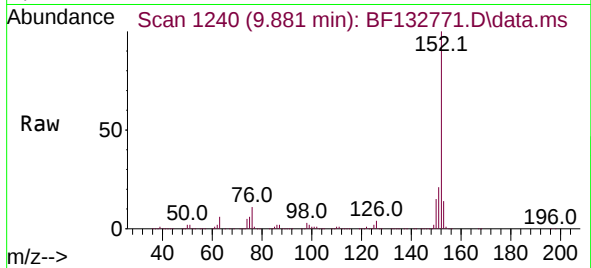
Tgt Ion: 65 Resp: 373832
Ion Ratio Lower Upper
65 100
92 74.8 54.5 81.7
138 114.1 77.2 115.8





#49
Acenaphthylene
Concen: 39.732 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

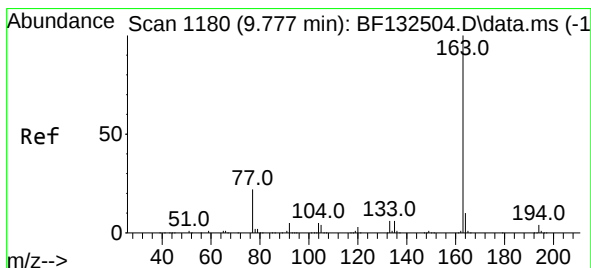
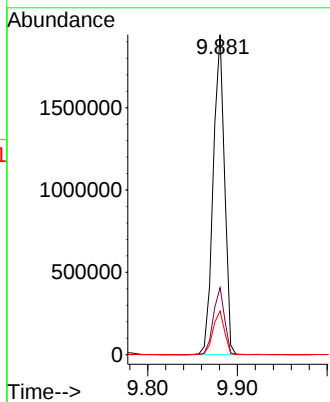
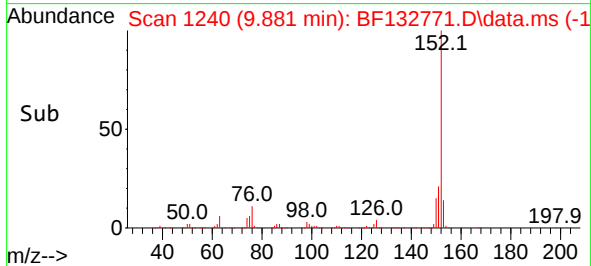
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



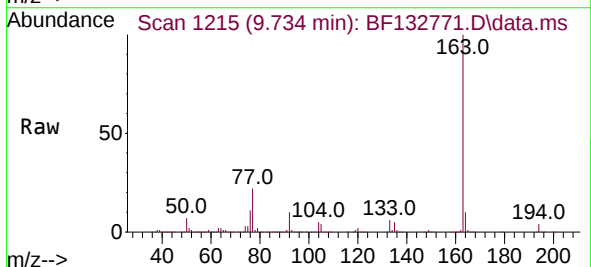
Tgt Ion:152 Resp: 1701385
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.6 11.0 16.6

Manual Integrations
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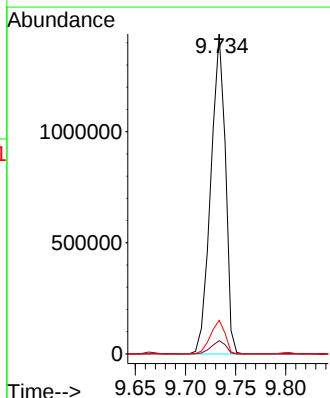
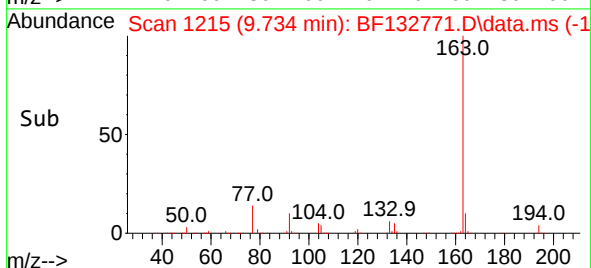
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

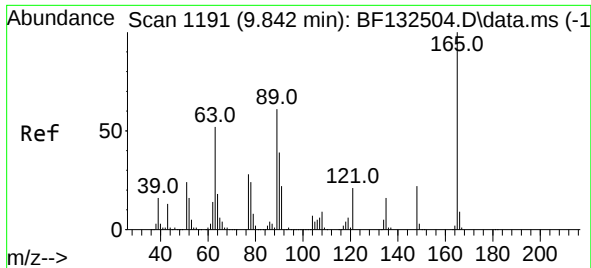


#50
Dimethylphthalate
Concen: 44.444 ng
RT: 9.734 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00



Tgt Ion:163 Resp: 1450974
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.5 8.3 12.5





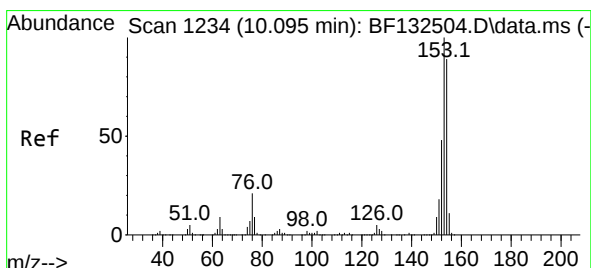
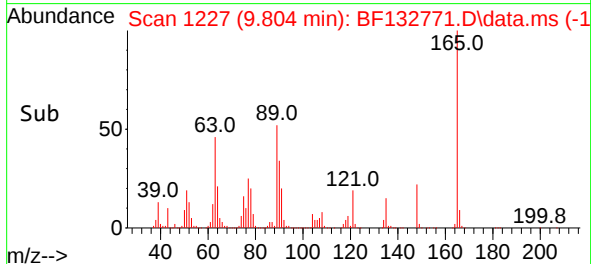
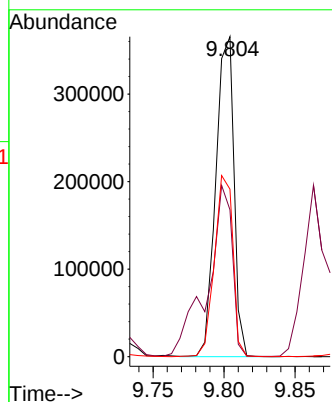
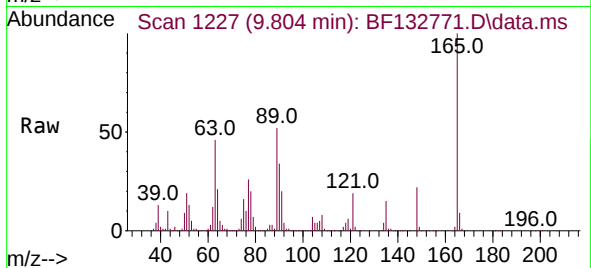
#51
2,6-Dinitrotoluene
Concen: 43.845 ng
RT: 9.804 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Instrument :
BNA_F
ClientSampleId :
030923-1MSD

Tgt Ion:165 Resp: 325985
Ion Ratio Lower Upper
165 100
63 45.9 47.3 70.9
89 52.3 48.9 73.3

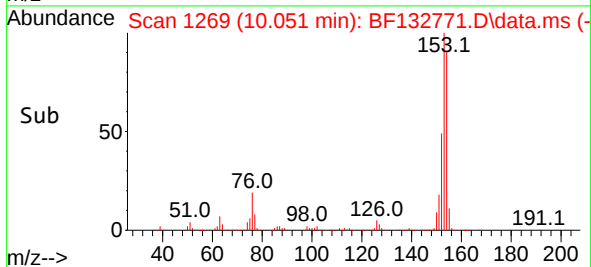
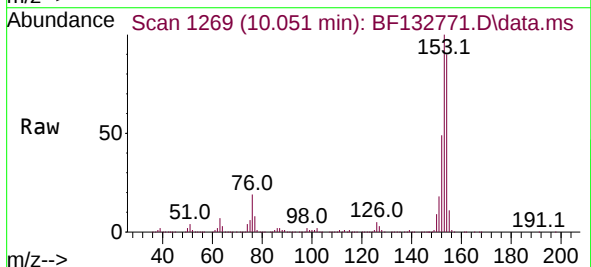
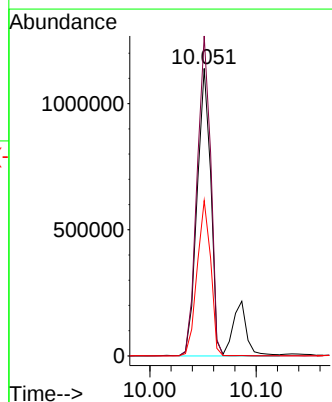
Manual Integrations
APPROVED

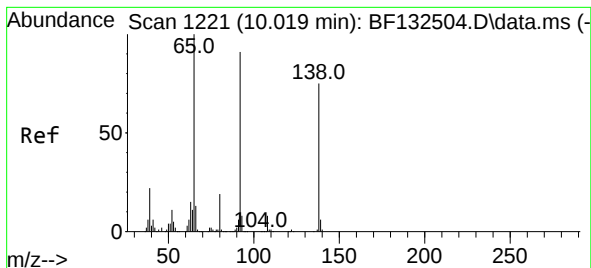
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#52
Acenaphthene
Concen: 44.122 ng m
RT: 10.051 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

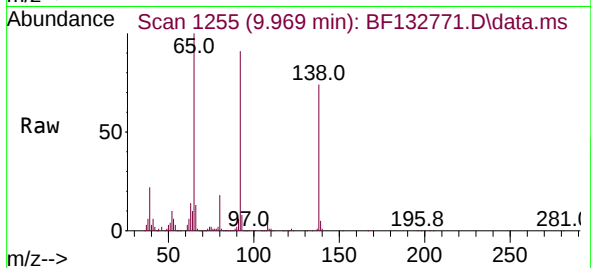
Tgt Ion:154 Resp: 1199746
Ion Ratio Lower Upper
154 100
153 111.3 89.8 134.8
152 54.0 43.3 64.9





#53
3-Nitroaniline
Concen: 25.953 ng
RT: 9.969 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

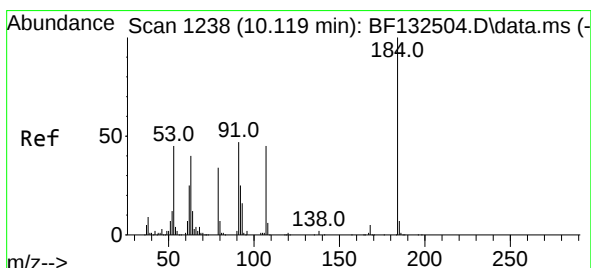
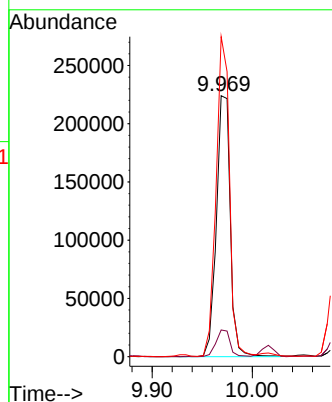
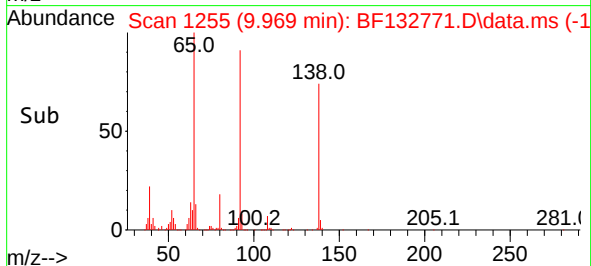
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



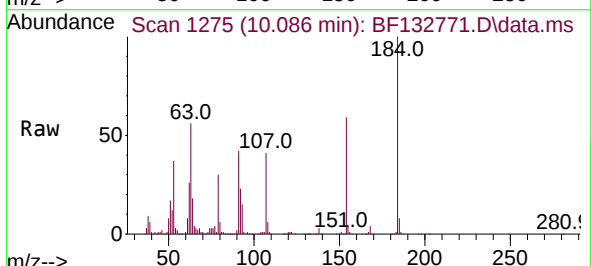
Tgt Ion:138 Resp: 215848
Ion Ratio Lower Upper
138 100
108 10.2 8.1 12.1
92 122.7 97.2 145.8

Manual Integrations
APPROVED

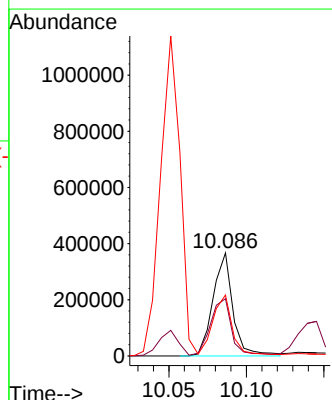
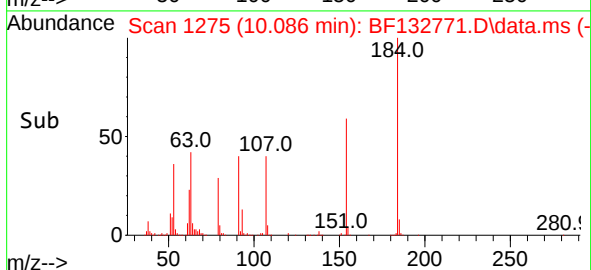
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

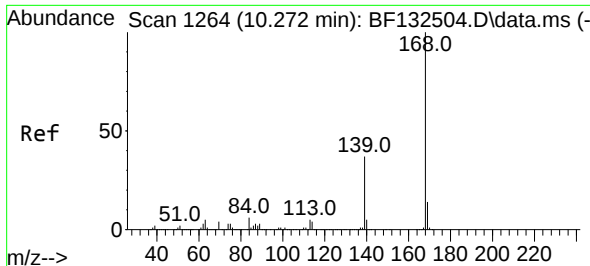


#54
2,4-Dinitrophenol
Concen: 70.209 ng
RT: 10.086 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00



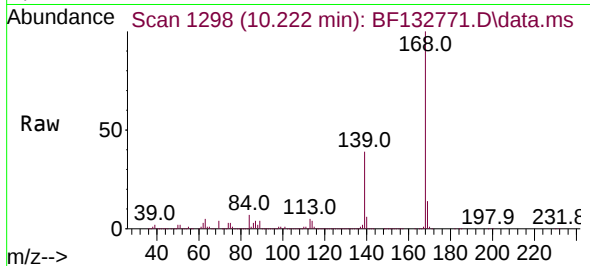
Tgt Ion:184 Resp: 327865
Ion Ratio Lower Upper
184 100
63 55.6 51.4 77.2
154 59.1 48.3 72.5





#55
Dibenzenofuran
Concen: 39.858 ng
RT: 10.222 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

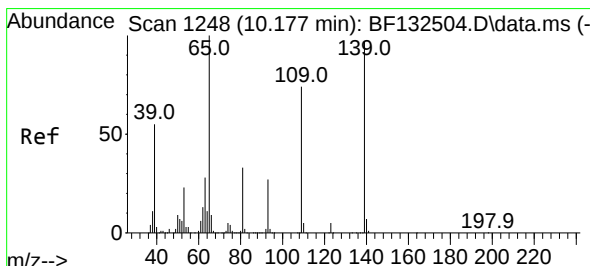
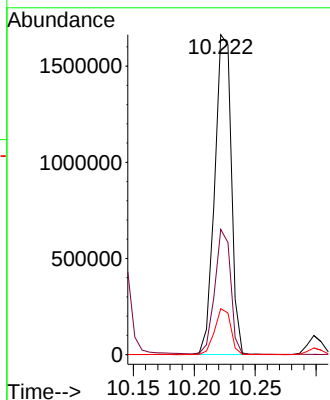
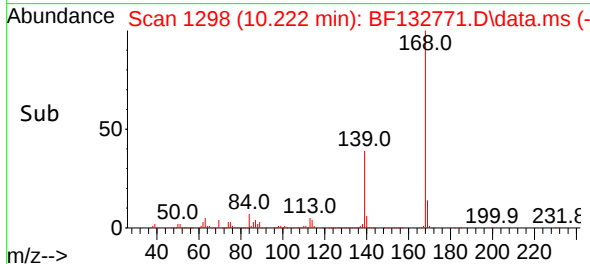
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



Tgt Ion:168 Resp: 1580000
Ion Ratio Lower Upper
168 100
139 39.1 29.8 44.6
169 14.4 10.9 16.3

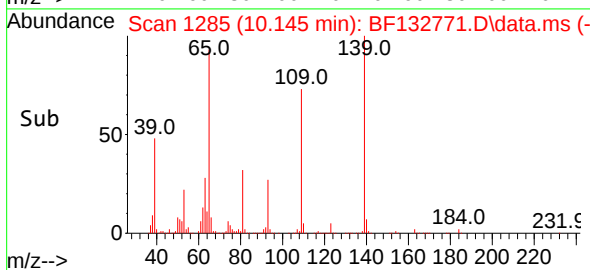
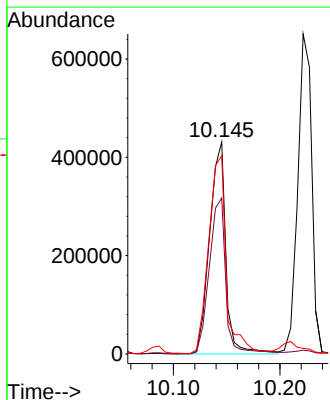
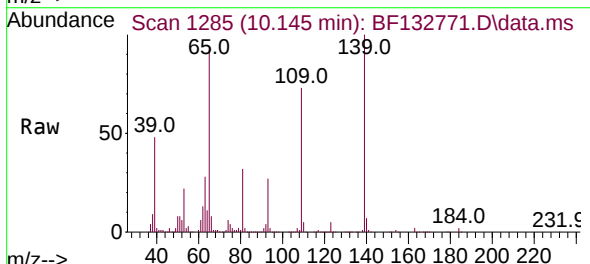
Manual Integrations
APPROVED

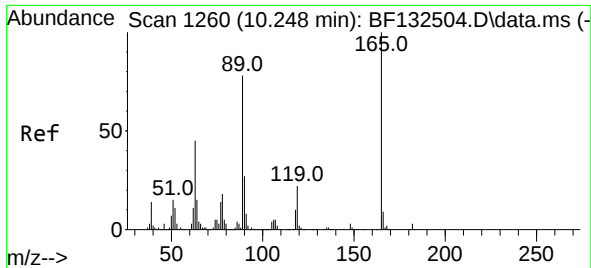
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#56
4-Nitrophenol
Concen: 73.629 ng
RT: 10.145 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

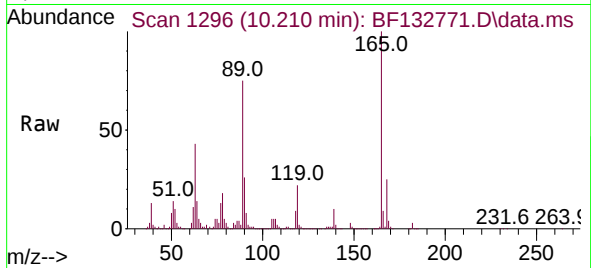
Tgt Ion:139 Resp: 456687
Ion Ratio Lower Upper
139 100
109 73.5 56.7 96.7
65 93.5 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 43.635 ng
RT: 10.210 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

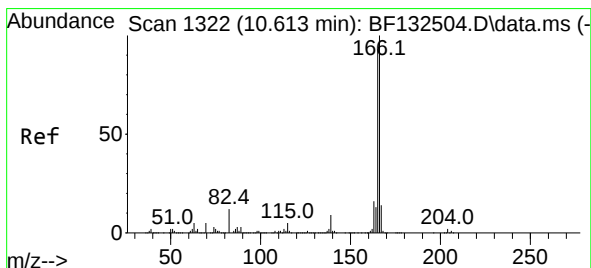
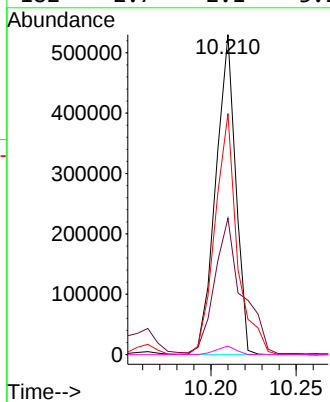
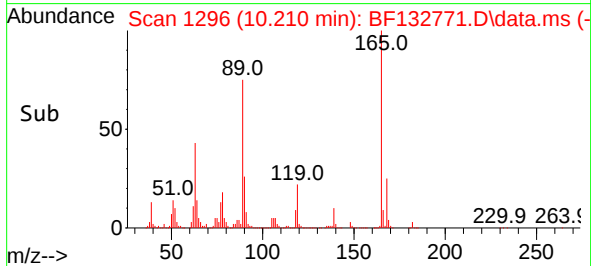
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



Tgt Ion:165 Resp: 431613
Ion Ratio Lower Upper
165 100
63 42.6 36.5 54.7
89 75.3 62.4 93.6
182 2.7 2.1 3.1

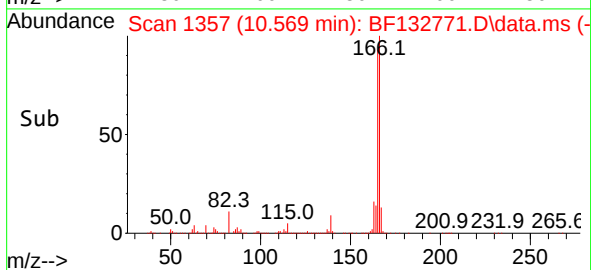
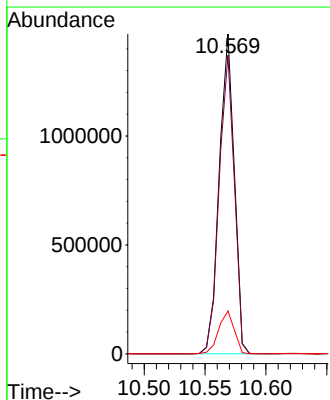
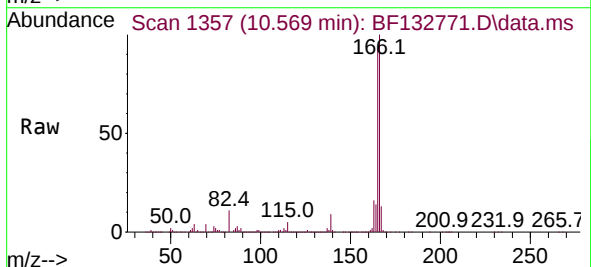
Manual Integrations
APPROVED

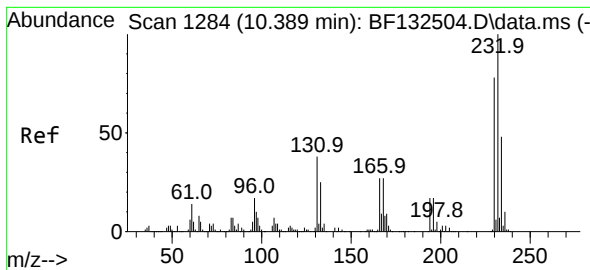
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#58
Fluorene
Concen: 41.424 ng
RT: 10.569 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Tgt Ion:166 Resp: 1256035
Ion Ratio Lower Upper
166 100
165 93.3 74.2 111.4
167 13.4 11.1 16.7





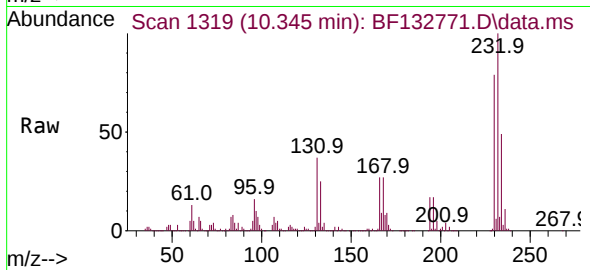
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.682 ng
RT: 10.345 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Instrument :

BNA_F

ClientSampleId :

030923-1MSD

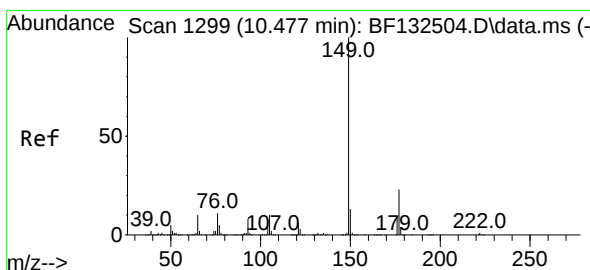
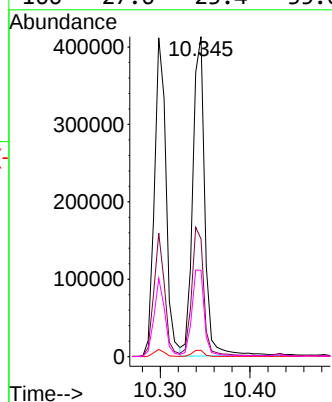
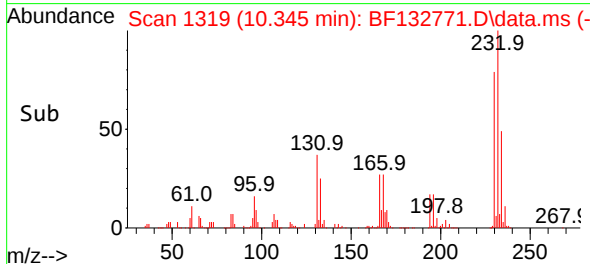


Tgt Ion:232 Resp: 385123
Ion Ratio Lower Upper
232 100
131 40.3 33.8 50.8
130 2.0 1.7 2.5
166 27.6 23.4 35.0

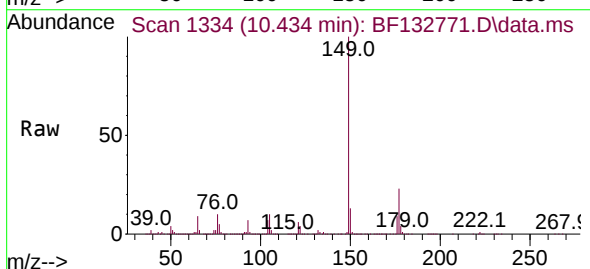
Manual Integrations

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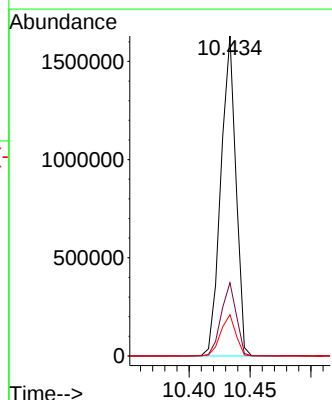
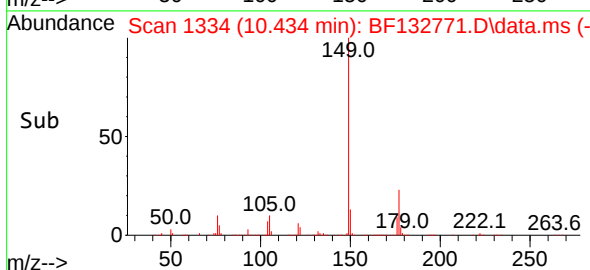
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

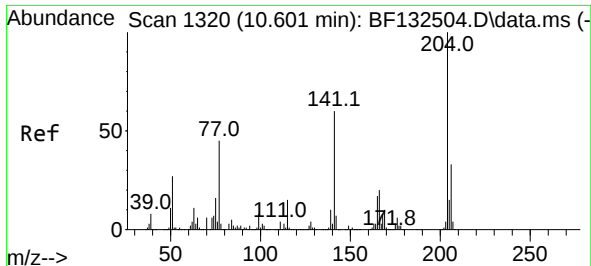


#60
Diethylphthalate
Concen: 43.878 ng
RT: 10.434 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00



Tgt Ion:149 Resp: 1399050
Ion Ratio Lower Upper
149 100
177 22.9 18.1 27.1
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.084 ng
RT: 10.551 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Instrument :

BNA_F

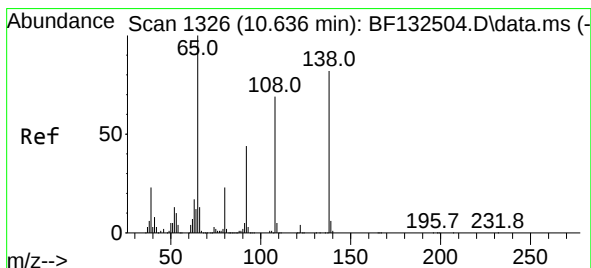
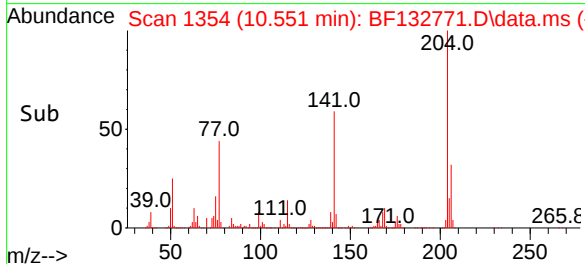
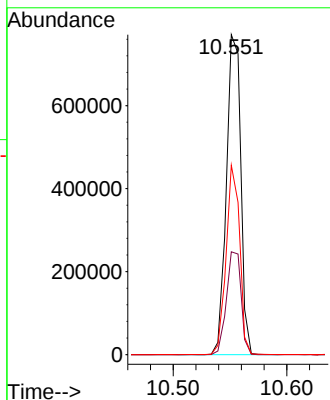
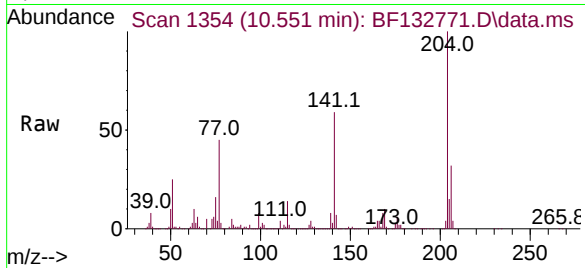
ClientSampleId :

030923-1MSD

Tgt Ion:204 Resp: 677709
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 59.2 47.8 71.8

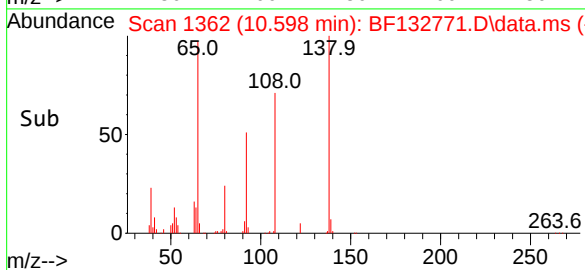
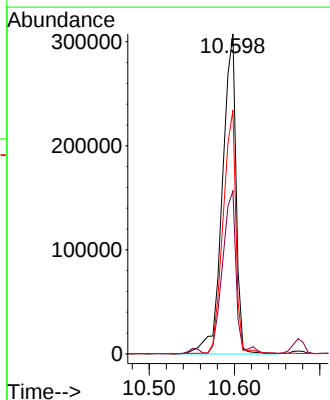
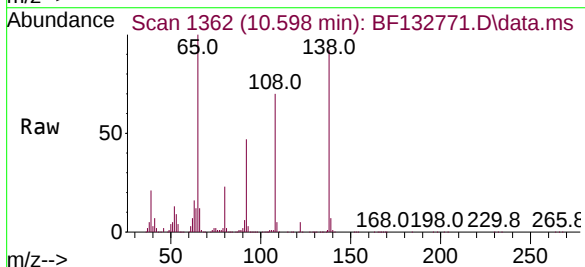
Manual Integrations
APPROVED

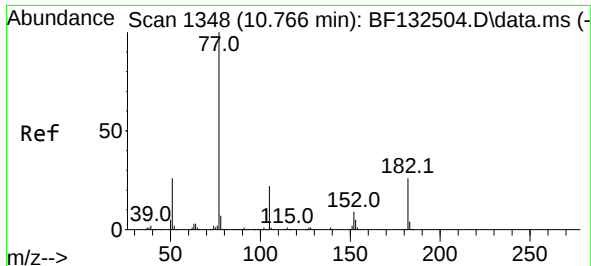
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#62
4-Nitroaniline
Concen: 42.169 ng
RT: 10.598 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

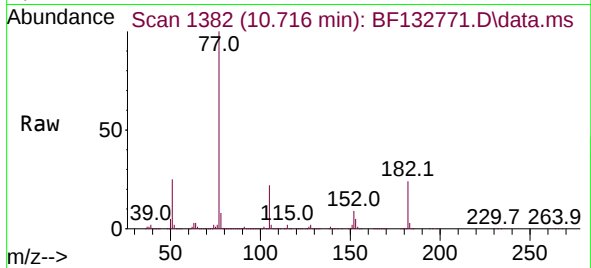
Tgt Ion:138 Resp: 344271
Ion Ratio Lower Upper
138 100
92 50.9 33.8 73.8
108 76.1 63.7 103.7





#63
Azobenzene
Concen: 45.936 ng
RT: 10.716 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

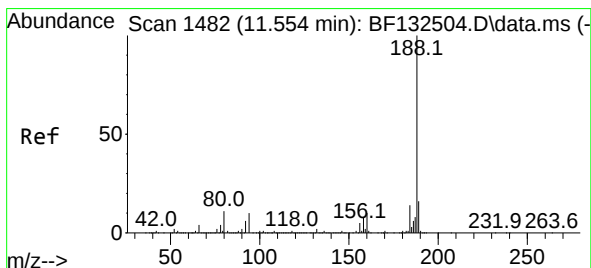
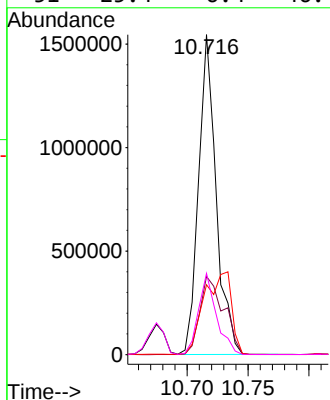
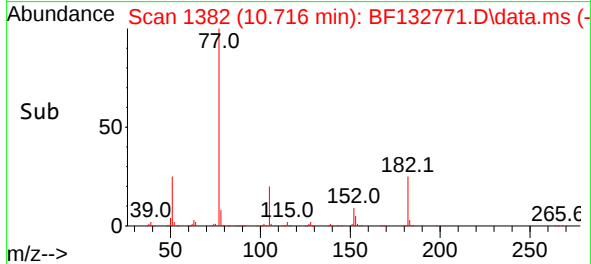
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



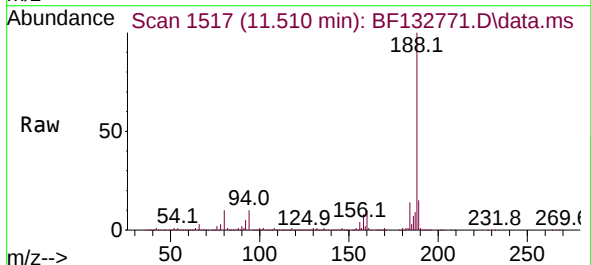
Tgt Ion: 77 Resp: 1551172
Ion Ratio Lower Upper
77 100
182 24.4 5.5 45.5
105 21.8 1.8 41.8
51 25.4 6.4 46.4

Manual Integrations
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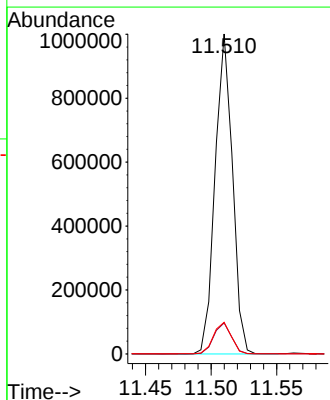
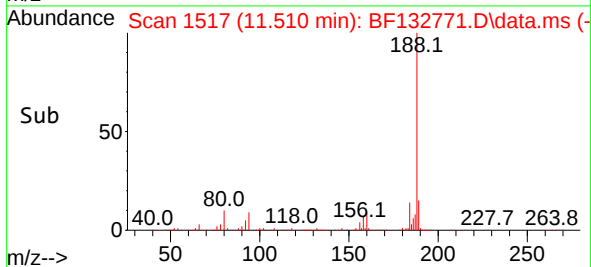
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

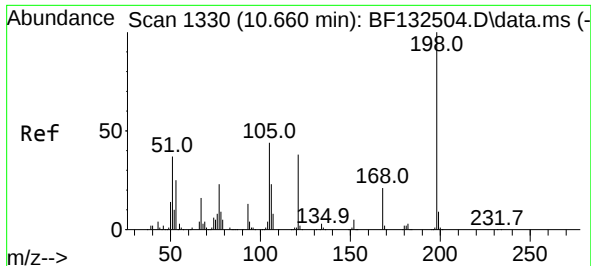


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00



Tgt Ion:188 Resp: 924636
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 9.9 8.7 13.1





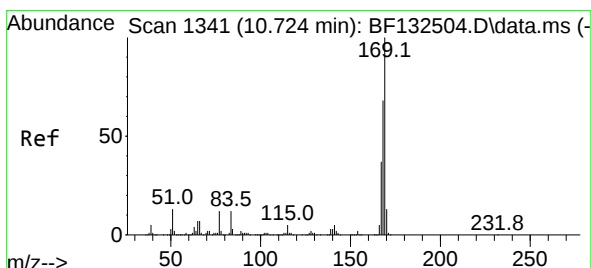
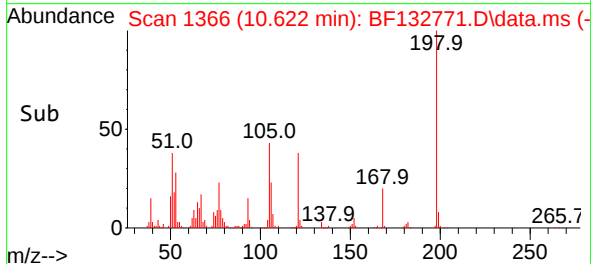
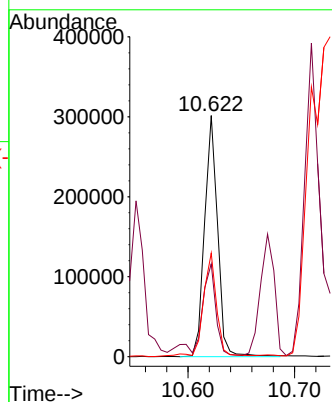
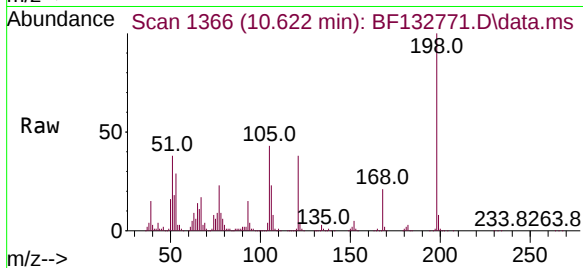
#65
4,6-Dinitro-2-methylphenol
Concen: 40.777 ng
RT: 10.622 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Instrument :
BNA_F
ClientSampleId :
030923-1MSD

Tgt Ion:198 Resp: 255235
Ion Ratio Lower Upper
198 100
51 38.5 20.6 60.6
105 42.9 24.3 64.3

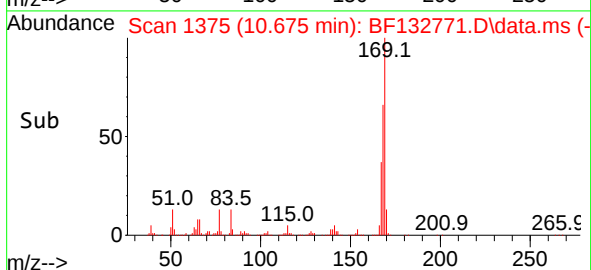
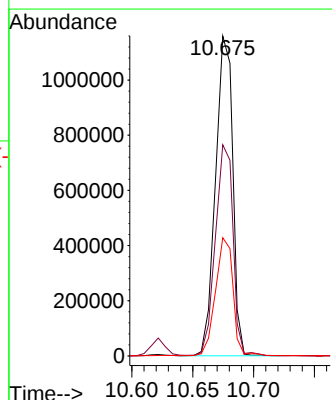
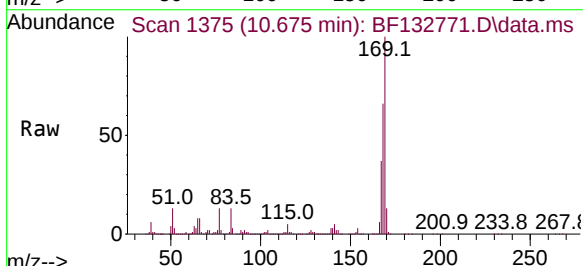
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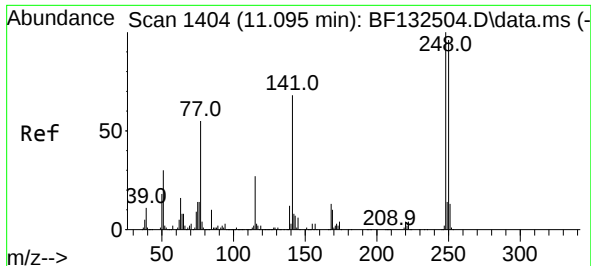
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#66
n-Nitrosodiphenylamine
Concen: 39.604 ng
RT: 10.675 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Tgt Ion:169 Resp: 1141625
Ion Ratio Lower Upper
169 100
168 66.0 54.2 81.4
167 36.9 29.6 44.4





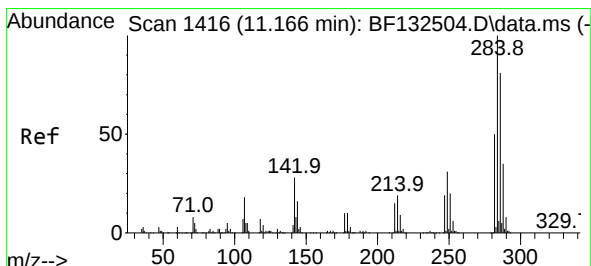
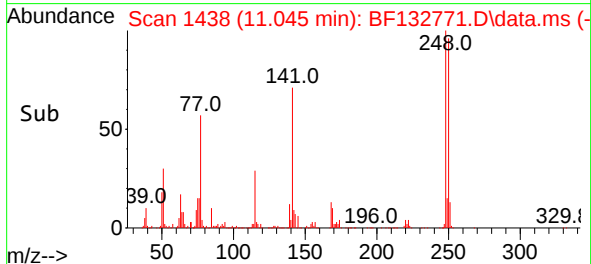
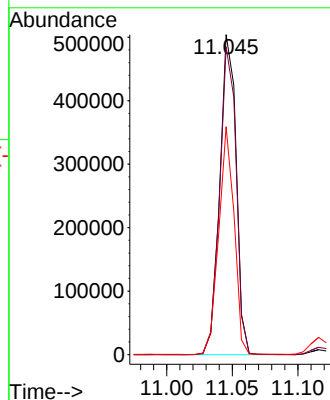
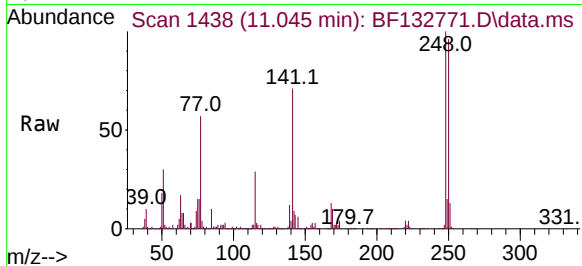
#67
4-Bromophenyl-phenylether
Concen: 42.110 ng
RT: 11.045 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Instrument :
BNA_F
ClientSampleId :
030923-1MSD

Tgt Ion:248 Resp: 440432
Ion Ratio Lower Upper
248 100
250 96.2 77.0 115.4
141 71.2 54.2 81.2

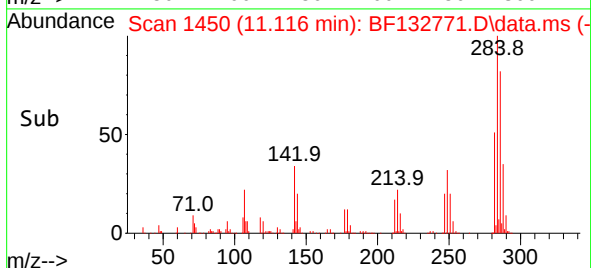
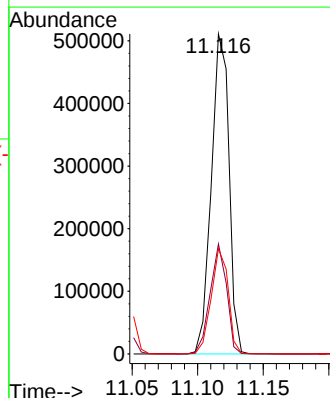
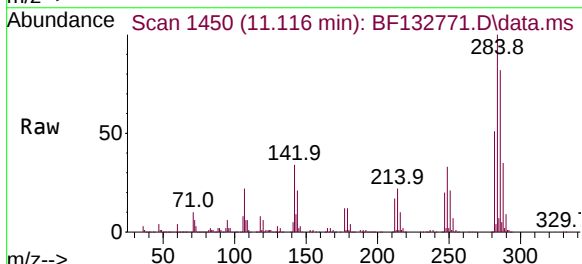
Manual Integrations
APPROVED

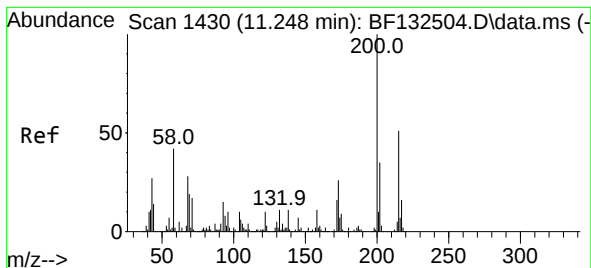
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#68
Hexachlorobenzene
Concen: 43.640 ng
RT: 11.116 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Tgt Ion:284 Resp: 480273
Ion Ratio Lower Upper
284 100
142 34.4 22.2 33.4#
249 32.8 24.9 37.3





#69

Atrazine

Concen: 48.313 ng

RT: 11.204 min Scan# 1465

Delta R.T. 0.000 min

Lab File: BF132771.D

Acq: 13 Mar 2023 21:00

Instrument :

BNA_F

ClientSampleId :

030923-1MSD

Tgt Ion:200 Resp: 434782

Ion Ratio Lower Upper

200 100

173 25.8 6.4 46.4

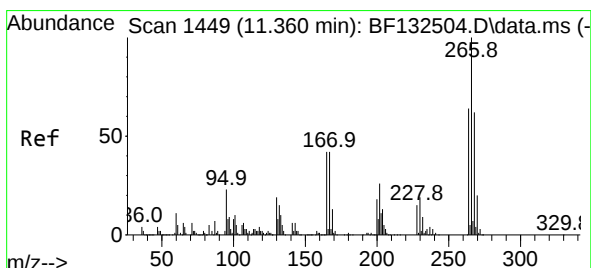
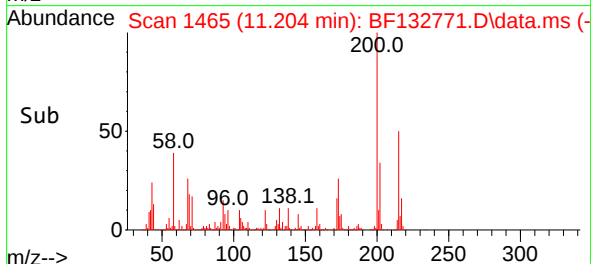
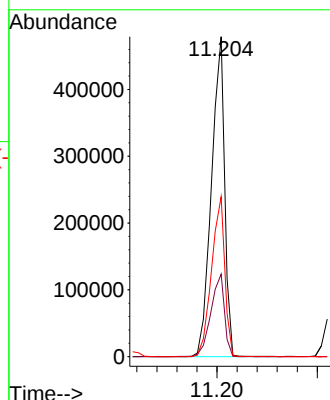
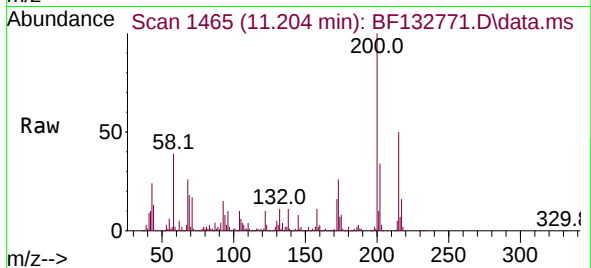
215 50.0 31.0 71.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#70

Pentachlorophenol

Concen: 68.226 ng

RT: 11.316 min Scan# 1484

Delta R.T. 0.000 min

Lab File: BF132771.D

Acq: 13 Mar 2023 21:00

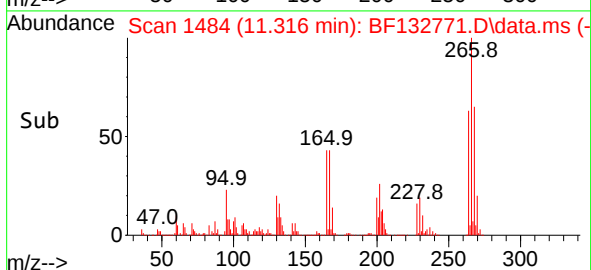
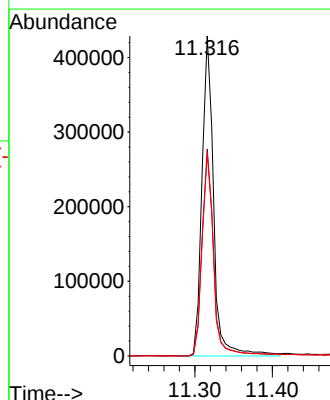
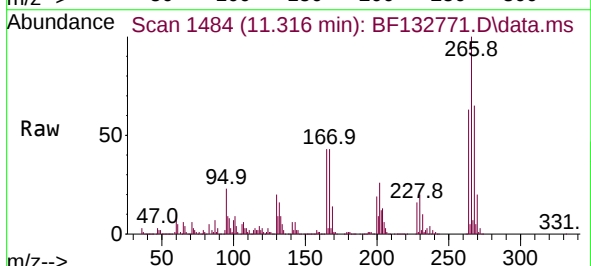
Tgt Ion:266 Resp: 446733

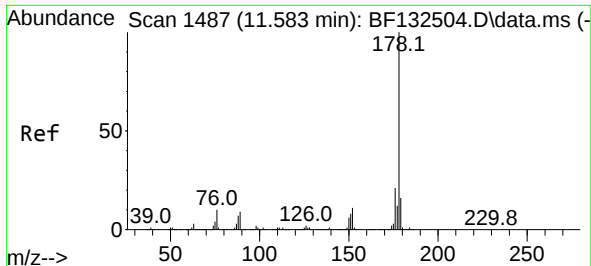
Ion Ratio Lower Upper

266 100

268 64.6 49.8 74.6

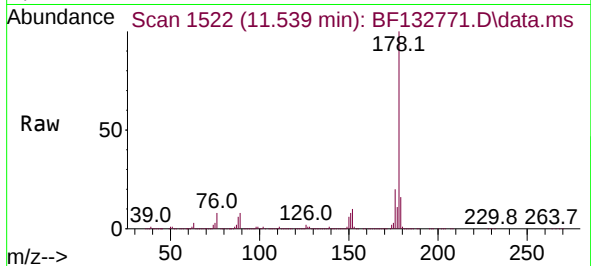
264 63.4 50.9 76.3





#71
Phenanthrene
Concen: 40.980 ng
RT: 11.539 min Scan# 11530
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

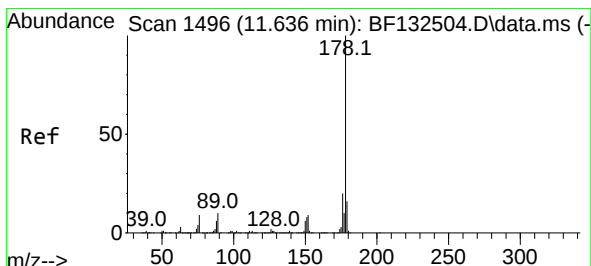
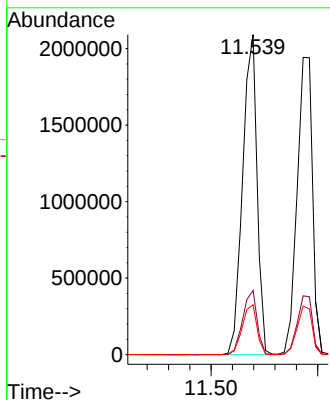
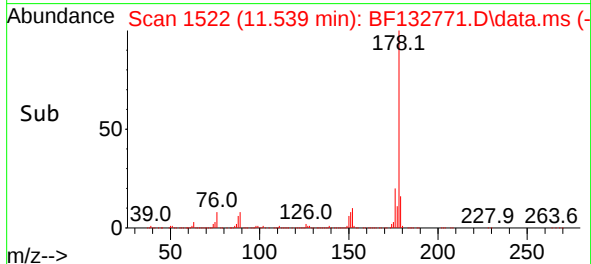
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



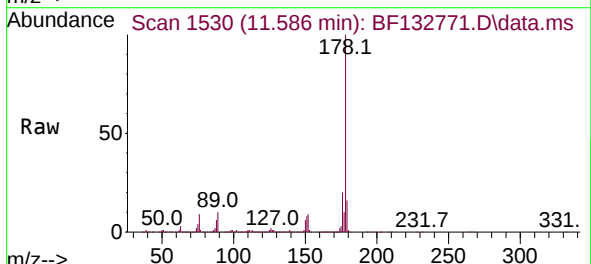
Tgt Ion:178 Resp: 1962974
Ion Ratio Lower Upper
178 100
176 20.0 16.5 24.7
179 15.6 13.0 19.6

Manual Integrations
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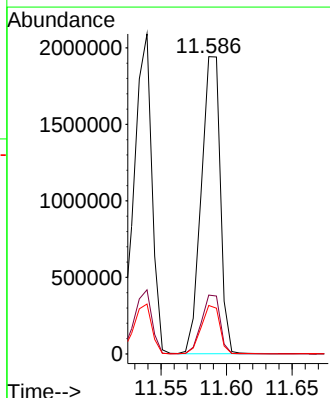
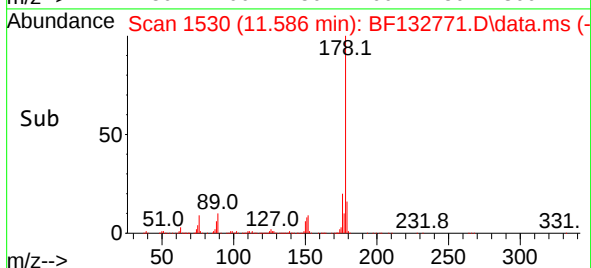
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

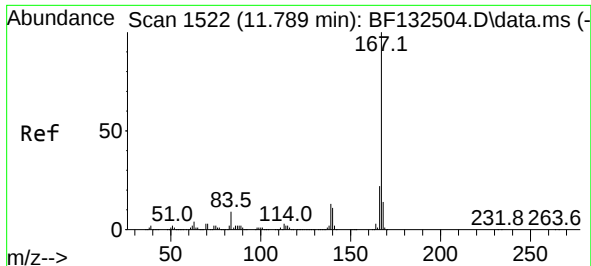


#72
Anthracene
Concen: 39.579 ng
RT: 11.586 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00



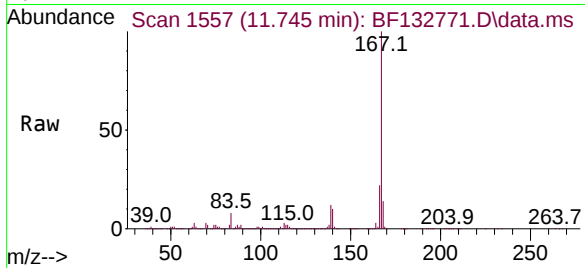
Tgt Ion:178 Resp: 1952309
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 16.3 12.5 18.7





#73
 Carbazole
 Concen: 39.316 ng
 RT: 11.745 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132771.D
 Acq: 13 Mar 2023 21:00

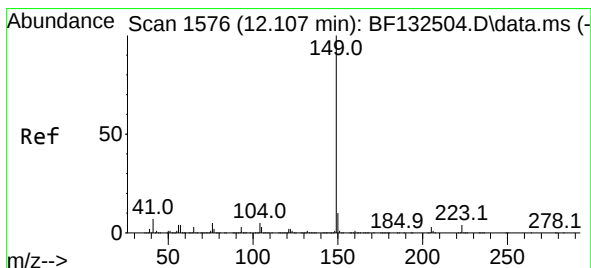
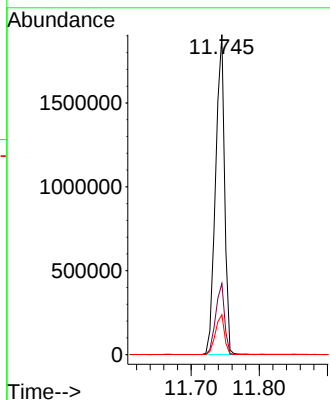
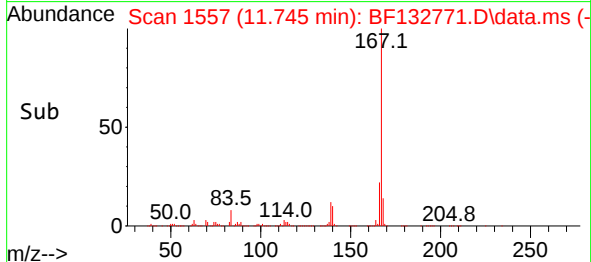
Instrument :
 BNA_F
 ClientSampleId :
 030923-1MSD



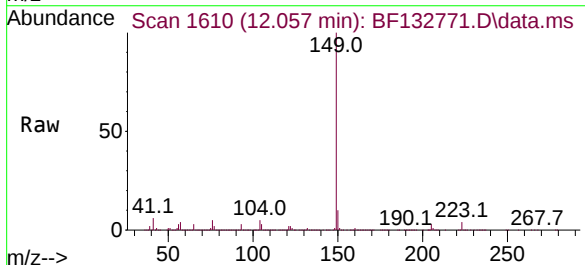
Tgt Ion:167 Resp: 1748525
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 12.5 10.5 15.7

Manual Integrations
 APPROVED

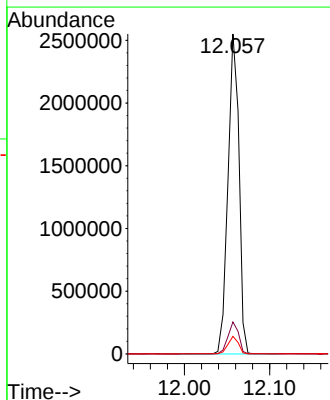
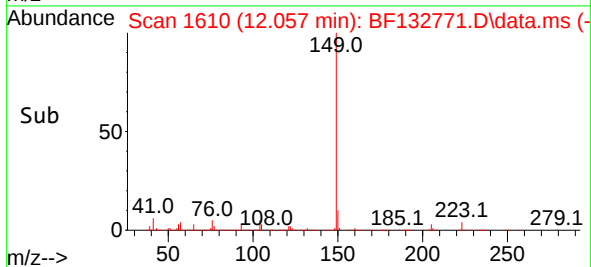
Reviewed By :Christian Giraldo 03/14/2023
 Supervised By :Jagrut Upadhyay 03/14/2023

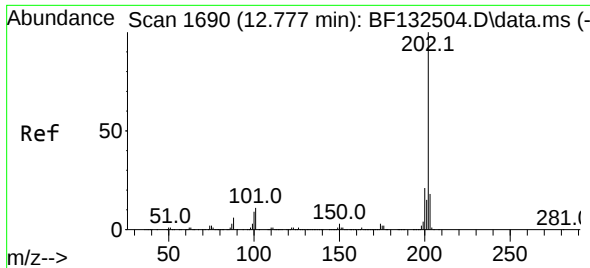


#74
 Di-n-butylphthalate
 Concen: 43.752 ng
 RT: 12.057 min Scan# 1610
 Delta R.T. -0.006 min
 Lab File: BF132771.D
 Acq: 13 Mar 2023 21:00



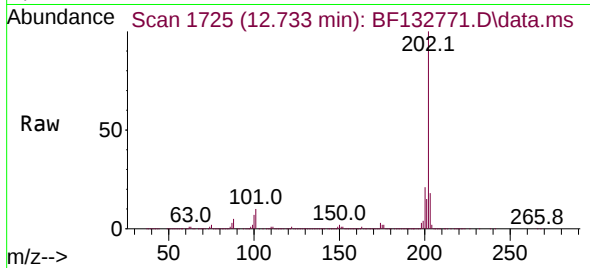
Tgt Ion:149 Resp: 2282459
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 39.392 ng
RT: 12.733 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

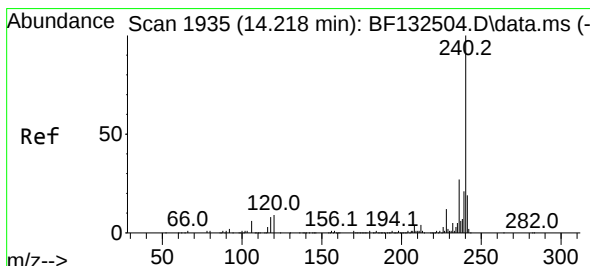
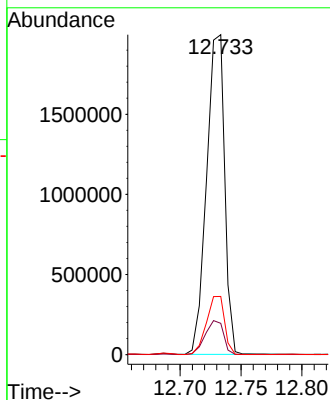
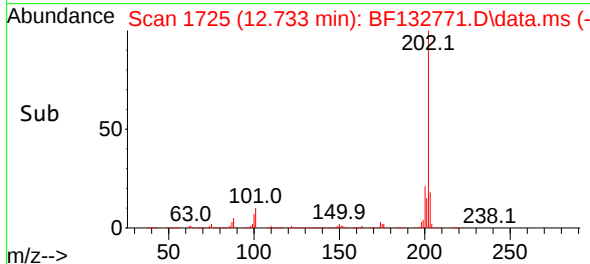
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



Tgt Ion:202 Resp: 2062753
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.4
203 18.2 0.0 38.0

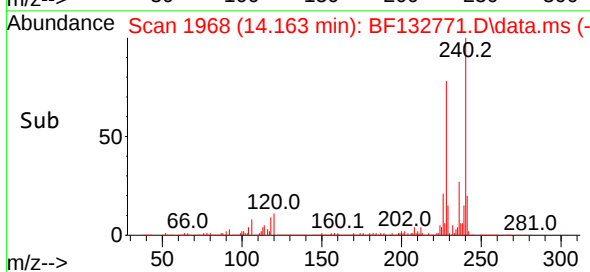
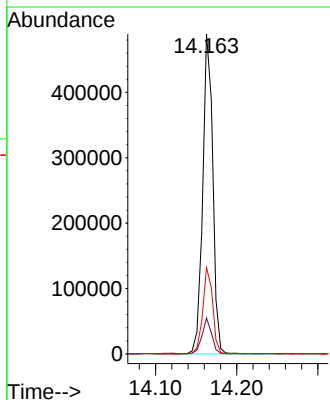
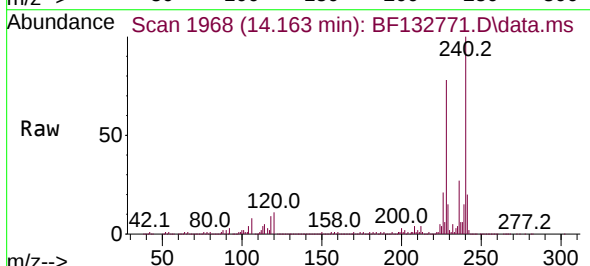
Manual Integrations
APPROVED

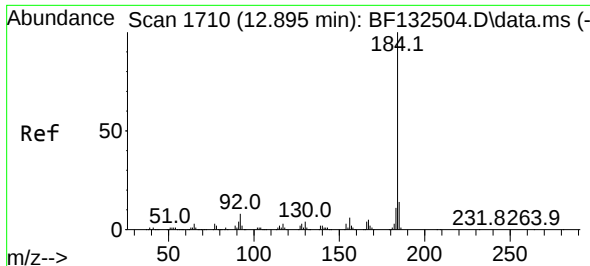
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

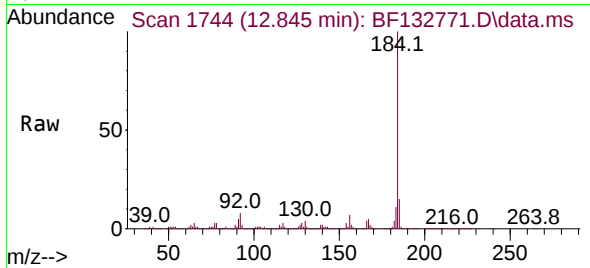
Tgt Ion:240 Resp: 423303
Ion Ratio Lower Upper
240 100
120 11.2 7.2 10.8#
236 26.9 21.8 32.6





#77
Benzidine
Concen: 53.724 ng
RT: 12.845 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

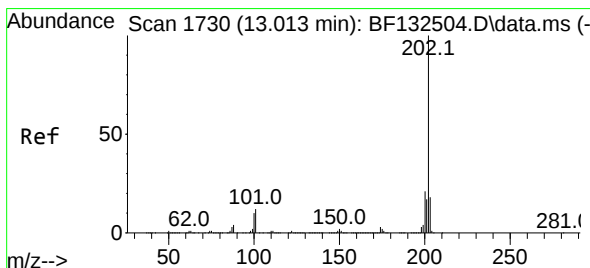
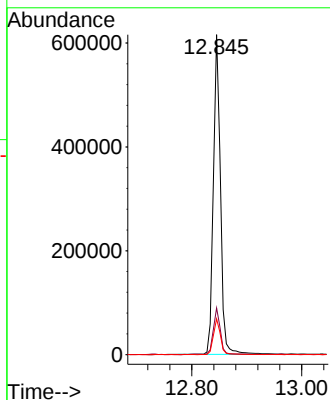
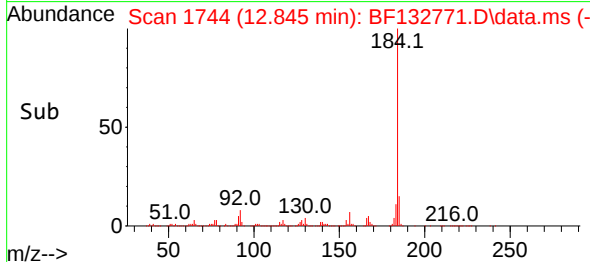
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



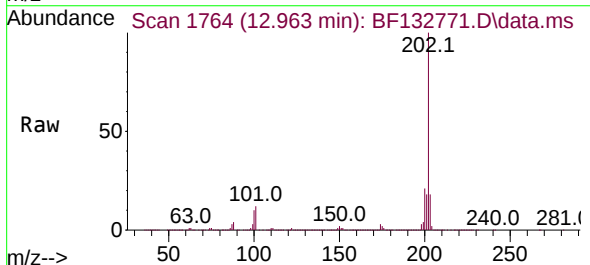
Tgt Ion:184 Resp: 553592
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.2 8.7 13.1

Manual Integrations
APPROVED

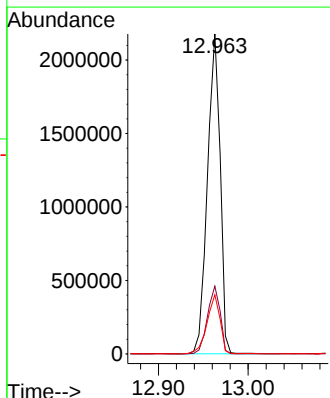
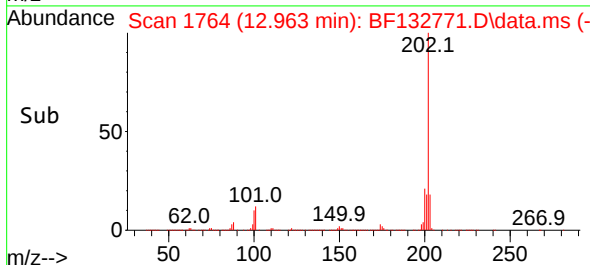
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

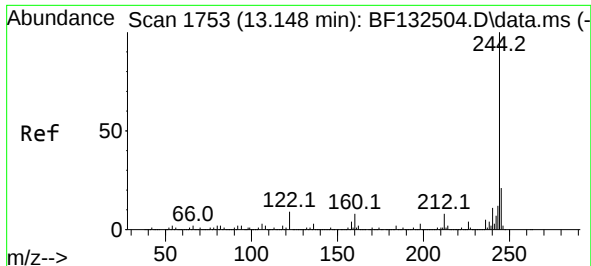


#78
Pyrene
Concen: 55.714 ng
RT: 12.963 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00



Tgt Ion:202 Resp: 2144211
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 18.5 14.6 21.8





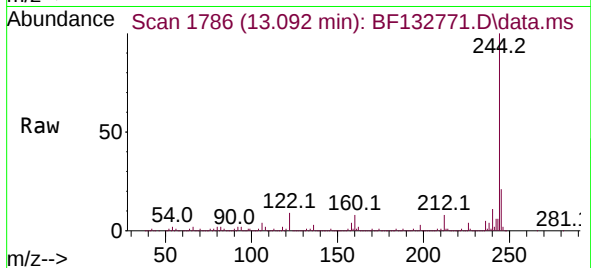
#79
Terphenyl-d14
Concen: 85.133 ng
RT: 13.092 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Instrument :

BNA_F

ClientSampleId :

030923-1MSD

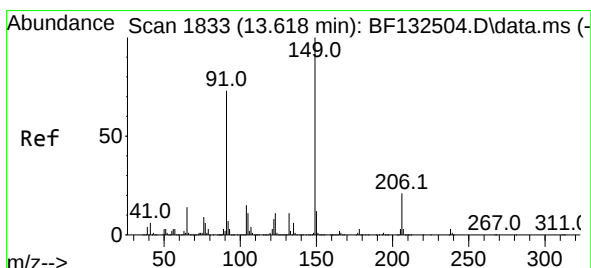
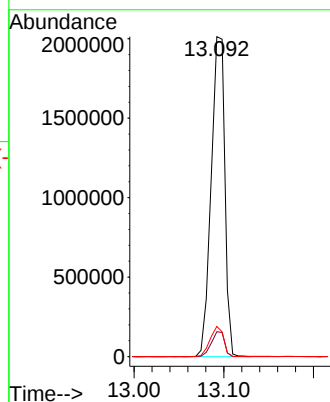
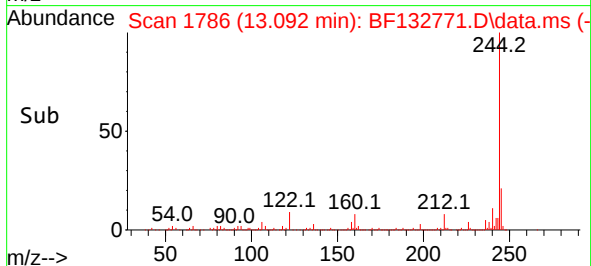


Tgt Ion:244 Resp: 2131433
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 9.4 7.5 11.3

Manual Integrations

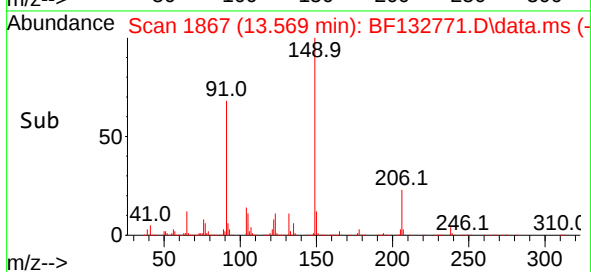
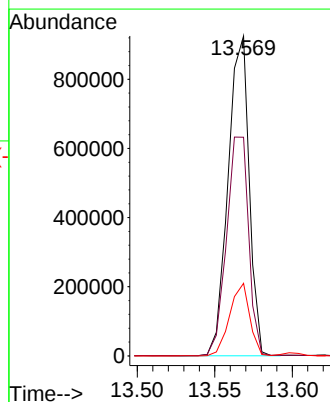
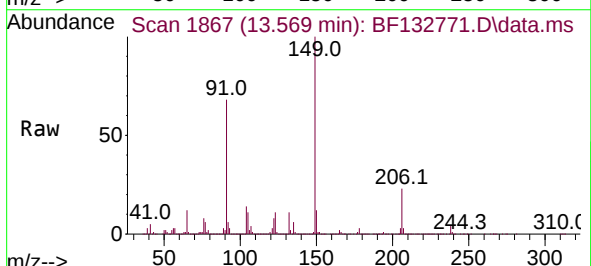
APPROVED

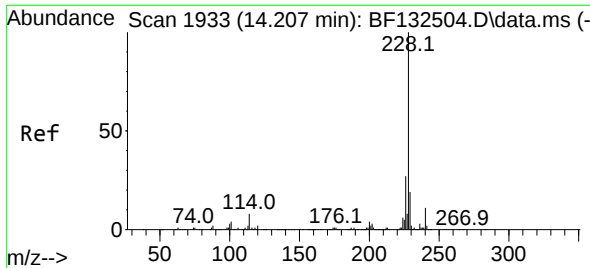
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#80
Butylbenzylphthalate
Concen: 57.872 ng
RT: 13.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

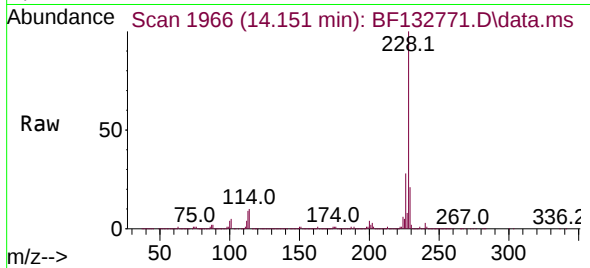
Tgt Ion:149 Resp: 878917
Ion Ratio Lower Upper
149 100
91 68.3 58.4 87.6
206 22.7 16.8 25.2





#81
Benzo(a)anthracene
Concen: 44.507 ng
RT: 14.151 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

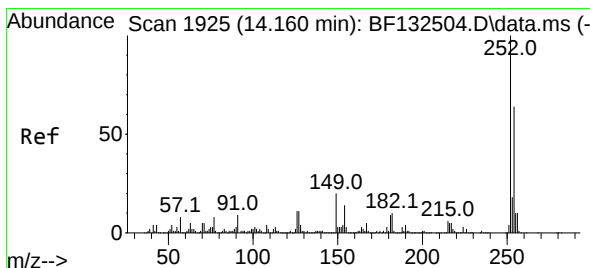
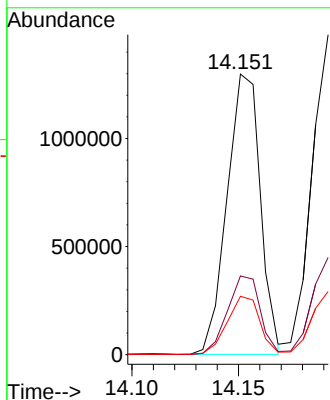
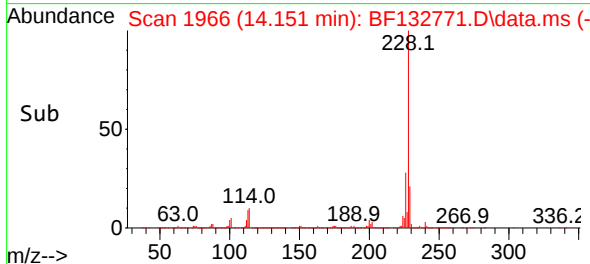
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



Tgt Ion:228 Resp: 140966
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 20.8 15.4 23.2

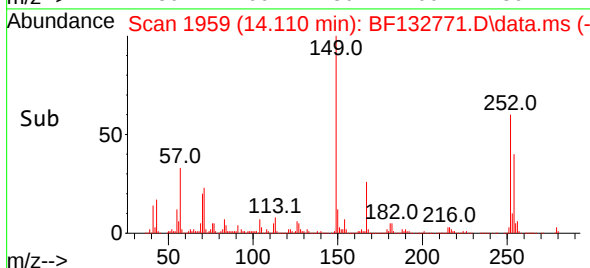
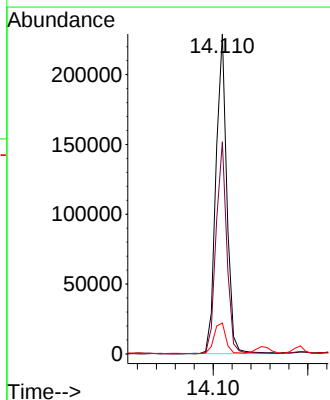
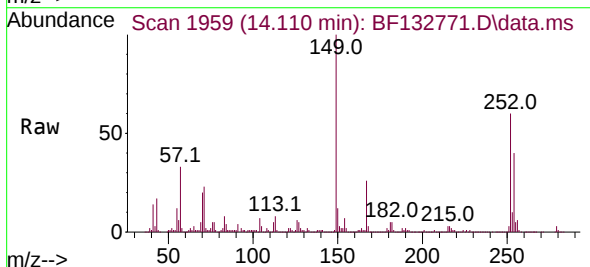
Manual Integrations
APPROVED

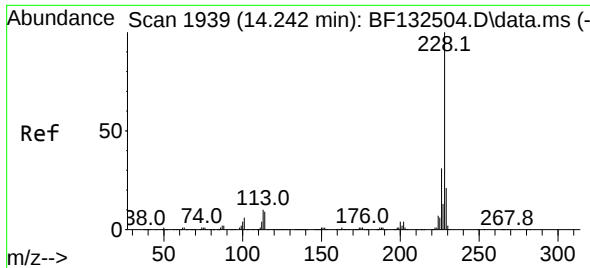
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#82
3,3'-Dichlorobenzidine
Concen: 19.593 ng
RT: 14.110 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

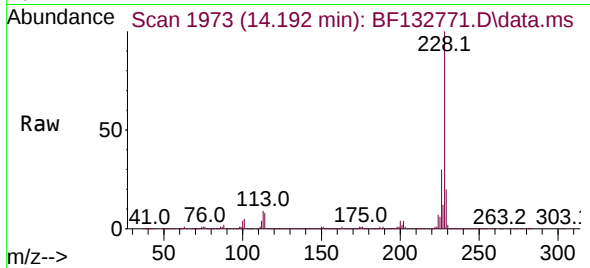
Tgt Ion:252 Resp: 182952
Ion Ratio Lower Upper
252 100
254 66.3 51.4 77.2
126 9.7 8.9 13.3





#83
Chrysene
Concen: 43.092 ng
RT: 14.192 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

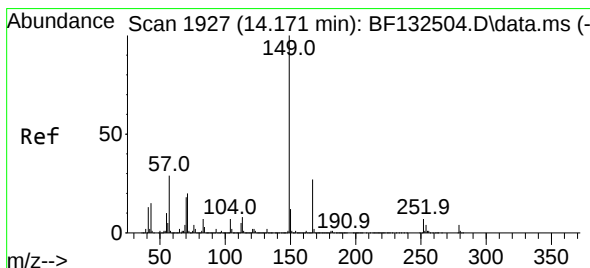
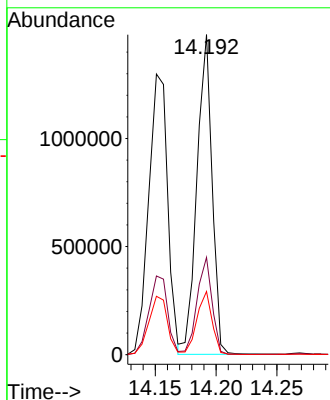
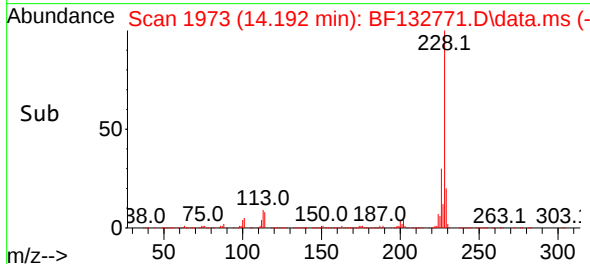
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



Tgt Ion:228 Resp: 1276281
Ion Ratio Lower Upper
228 100
226 30.4 25.0 37.6
229 19.7 16.4 24.6

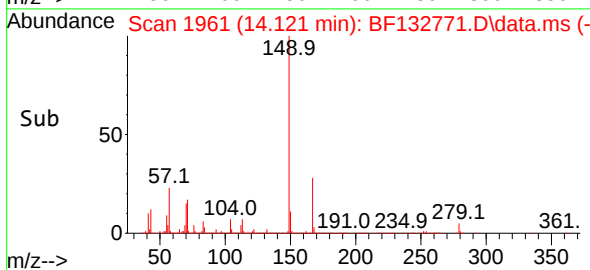
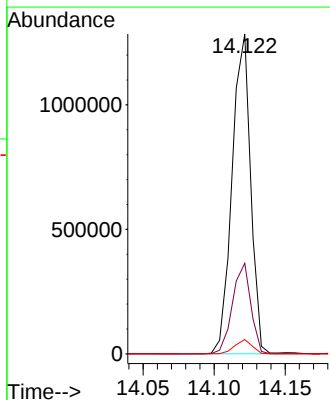
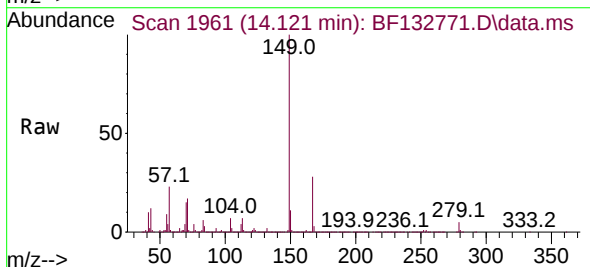
Manual Integrations
APPROVED

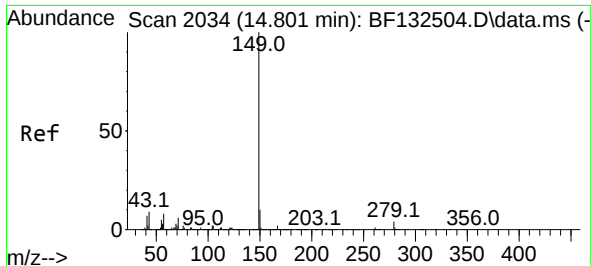
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 62.342 ng
RT: 14.121 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Tgt Ion:149 Resp: 1163092
Ion Ratio Lower Upper
149 100
167 28.3 21.8 32.6
279 4.5 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 60.871 ng
RT: 14.739 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Instrument :

BNA_F

ClientSampleId :

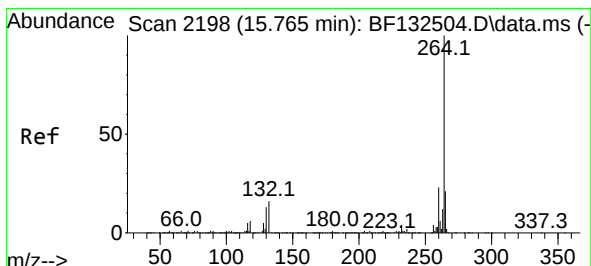
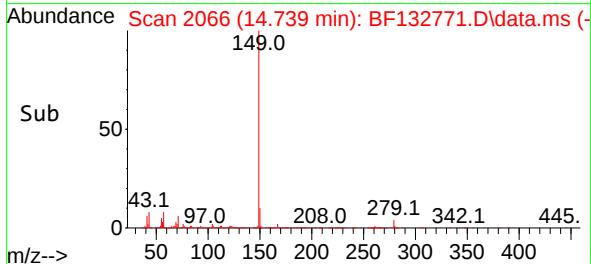
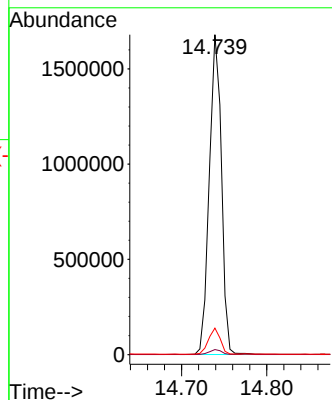
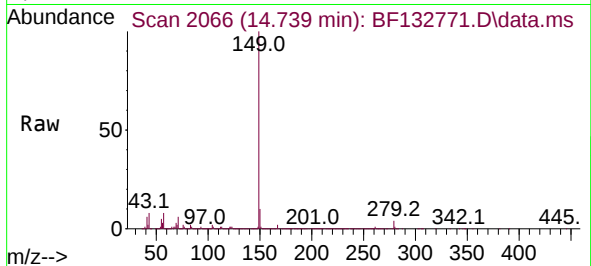
030923-1MSD

Tgt Ion:149 Resp: 1659546
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.2 7.2 10.8

Manual Integrations

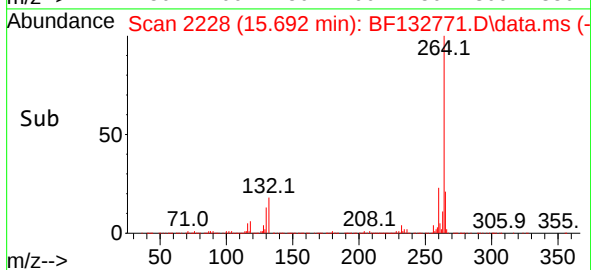
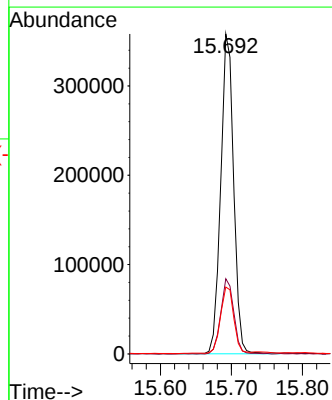
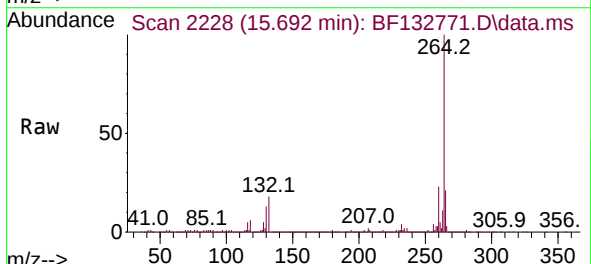
APPROVED

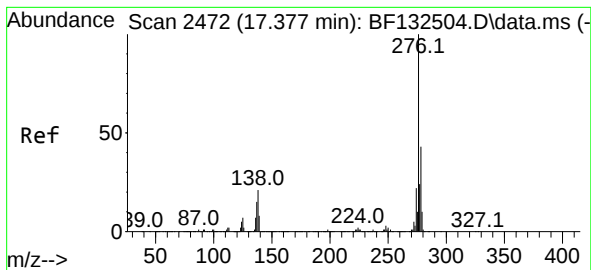
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.692 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

Tgt Ion:264 Resp: 453175
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 20.9 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.294 ng

RT: 17.280 min Scan# 24

Delta R.T. -0.012 min

Lab File: BF132771.D

Acq: 13 Mar 2023 21:00

Instrument :

BNA_F

ClientSampleId :

030923-1MSD

Tgt Ion:276 Resp: 1344959

Ion Ratio Lower Upper

276 100

138 22.8 19.0 28.4

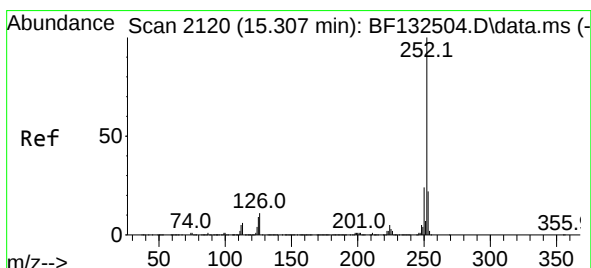
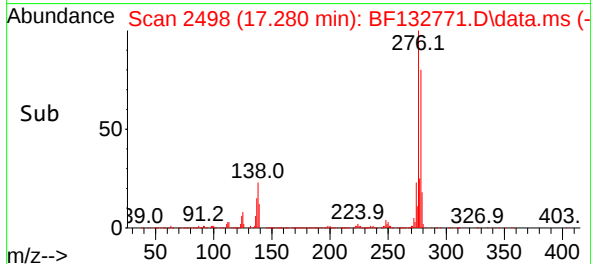
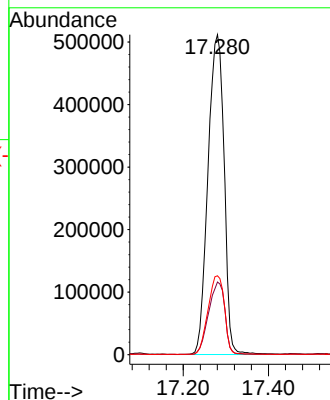
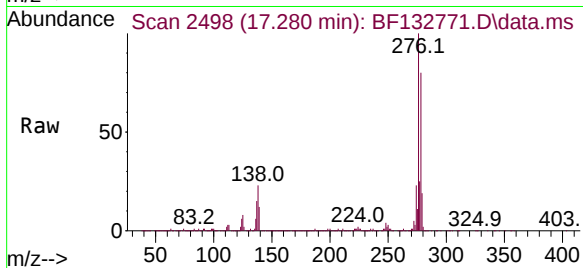
277 25.0 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#88

Benzo(b)fluoranthene

Concen: 44.389 ng

RT: 15.239 min Scan# 2151

Delta R.T. -0.006 min

Lab File: BF132771.D

Acq: 13 Mar 2023 21:00

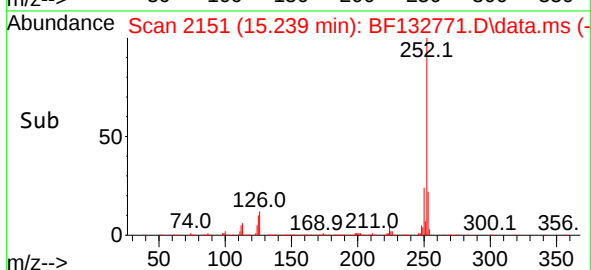
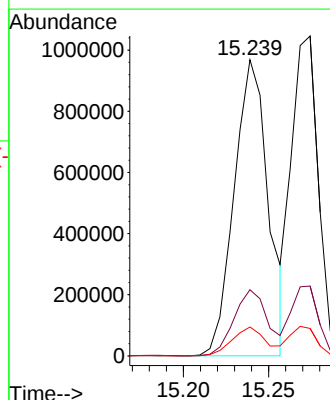
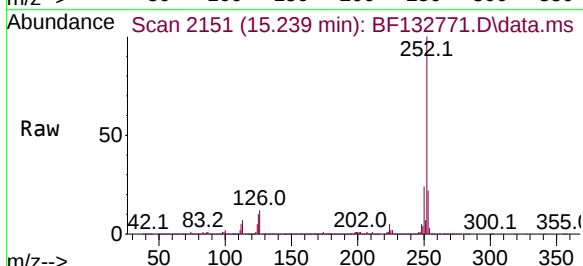
Tgt Ion:252 Resp: 1348086

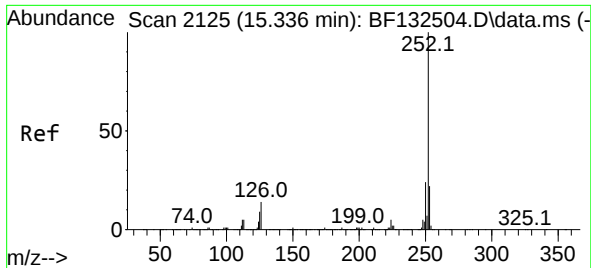
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

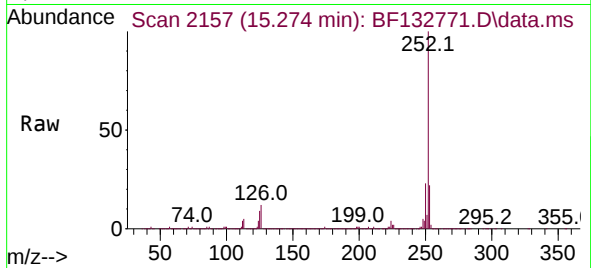
125 9.7 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 38.520 ng
RT: 15.274 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

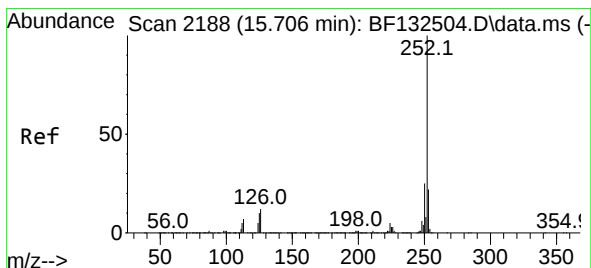
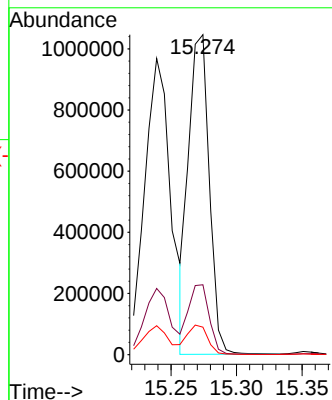
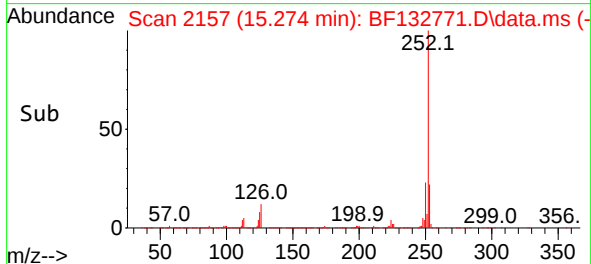
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



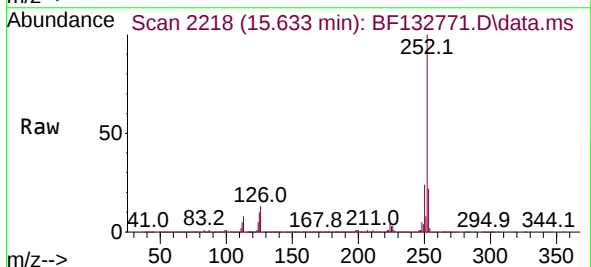
Tgt Ion:252 Resp: 1144908
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.6 7.2 10.8

Manual Integrations
APPROVED

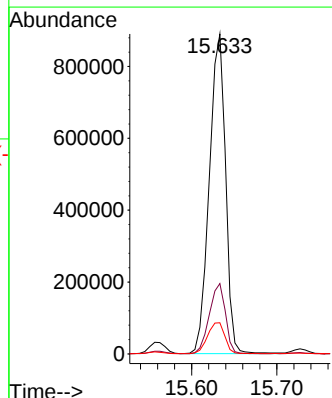
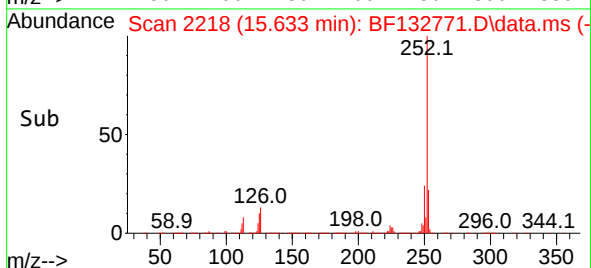
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

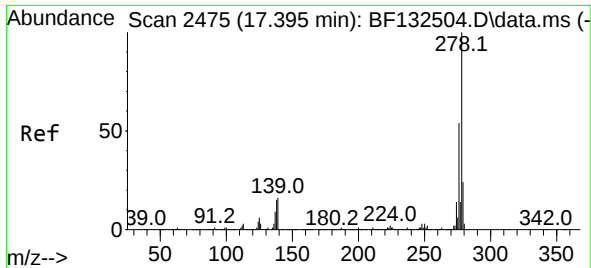


#90
Benzo(a)pyrene
Concen: 41.430 ng
RT: 15.633 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00



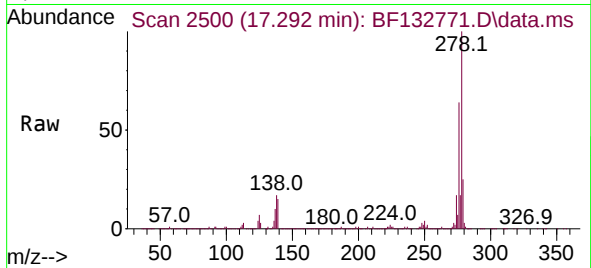
Tgt Ion:252 Resp: 1177589
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.7 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 45.230 ng
RT: 17.292 min Scan# 2500
Delta R.T. -0.006 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00

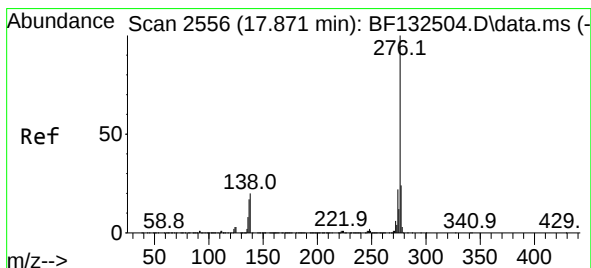
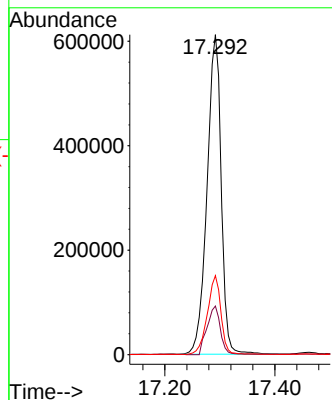
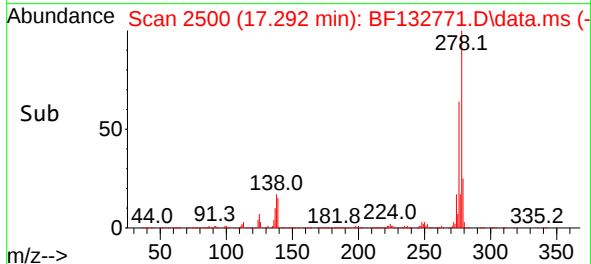
Instrument :
BNA_F
ClientSampleId :
030923-1MSD



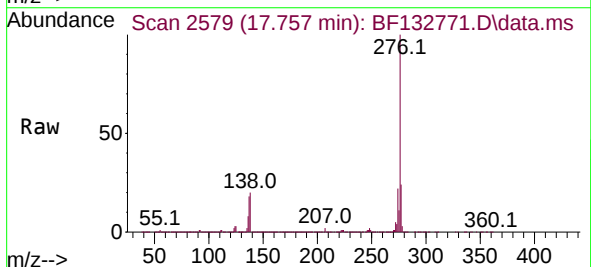
Tgt Ion:278 Resp: 1094291
Ion Ratio Lower Upper
278 100
139 15.2 13.0 19.4
279 24.7 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#92
Benzo(g,h,i)perylene
Concen: 38.383 ng
RT: 17.757 min Scan# 2579
Delta R.T. -0.012 min
Lab File: BF132771.D
Acq: 13 Mar 2023 21:00



Tgt Ion:276 Resp: 1040293
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 20.0 16.2 24.4

