

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132770.D
 Acq On : 13 Mar 2023 20:28
 Operator : CG\JU
 Sample : 01863-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 030923-1MS

Quant Time: Mar 14 01:34:15 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	214835	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	817347	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	458403	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	902116	20.000	ng	0.00
76) Chrysene-d12	14.163	240	451844	20.000	ng	# 0.00
86) Perylene-d12	15.692	264	456013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1256700	94.937	ng	0.01
7) Phenol-d6	6.604	99	1606372	92.985	ng	0.00
23) Nitrobenzene-d5	7.540	82	1062605	61.681	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	484782	97.925	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1735538	57.649	ng	0.00
79) Terphenyl-d14	13.092	244	2100907	78.613	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.869	88	280167	38.263	ng	95
3) Pyridine	3.640	79	714460	36.759	ng	91
4) n-Nitrosodimethylamine	3.604	42	276073	37.604	ng	85
6) Aniline	6.634	93	634260	27.281	ng	95
8) 2-Chlorophenol	6.757	128	643666	46.851	ng	97
9) Benzaldehyde	6.522	77	290106	31.121	ng	98
10) Phenol	6.622	94	821462	41.475	ng	95
11) bis(2-Chloroethyl)ether	6.704	93	673369	44.040	ng	94
12) 1,3-Dichlorobenzene	6.910	146	673394	45.675	ng	97
13) 1,4-Dichlorobenzene	6.987	146	671909	45.642	ng	99
14) 1,2-Dichlorobenzene	7.140	146	643339	45.536	ng	99
15) Benzyl Alcohol	7.116	79	577830	43.430	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.240	45	805413	41.308	ng	93
17) 2-Methylphenol	7.228	107	532418	41.524	ng	98
18) Hexachloroethane	7.481	117	259346	45.093	ng	98
19) n-Nitroso-di-n-propyla...	7.387	70	400629	37.681	ng	90
20) 3+4-Methylphenols	7.375	107	589735	35.601	ng	95
22) Acetophenone	7.381	105	792223	38.439	ng	# 90
24) Nitrobenzene	7.557	77	710168	38.545	ng	100
25) Isophorone	7.792	82	1347691	40.803	ng	99
26) 2-Nitrophenol	7.875	139	355804	43.768	ng	89
27) 2,4-Dimethylphenol	7.904	122	543758	42.381	ng	99
28) bis(2-Chloroethoxy)met...	7.998	93	823048	42.597	ng	100
29) 2,4-Dichlorophenol	8.116	162	545892	42.772	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	595582	42.975	ng	100
31) Naphthalene	8.281	128	1678812	40.122	ng	99
32) Benzoic acid	8.039	122	364823m	37.036	ng	
33) 4-Chloroaniline	8.322	127	184468	10.288	ng	94
34) Hexachlorobutadiene	8.387	225	370230	42.040	ng	100
35) Caprolactam	8.710	113	200793m	47.721	ng	
36) 4-Chloro-3-methylphenol	8.816	107	603914	43.086	ng	93
37) 2-Methylnaphthalene	8.969	142	1140368	39.991	ng	100
38) 1-Methylnaphthalene	9.069	142	1070059	40.154	ng	99
40) 1,2,4,5-Tetrachloroben...	9.139	216	616794	41.125	ng	99
41) Hexachlorocyclopentadiene	9.122	237	574467	70.619	ng	99
43) 2,4,6-Trichlorophenol	9.251	196	420114	41.334	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	452248	38.123	ng	98
46) 1,1'-Biphenyl	9.434	154	1392458	40.133	ng	99
47) 2-Chloronaphthalene	9.463	162	1124091	40.864	ng	99
48) 2-Nitroaniline	9.557	65	374781	36.992	ng	91
49) Acenaphthylene	9.881	152	1735528	39.642	ng	99
50) Dimethylphthalate	9.733	163	1421355	42.584	ng	99
51) 2,6-Dinitrotoluene	9.798	165	327218	43.047	ng	98
52) Acenaphthene	10.051	154	1198790m	43.122	ng	
53) 3-Nitroaniline	9.969	138	212927	25.041	ng	99
54) 2,4-Dinitrophenol	10.086	184	329422	69.030	ng	# 88
55) Dibenzofuran	10.222	168	1592086	39.284	ng	98
56) 4-Nitrophenol	10.139	139	462104	72.872	ng	98
57) 2,4-Dinitrotoluene	10.210	165	423216	41.850	ng	94
58) Fluorene	10.569	166	1262595	40.729	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	386290	43.836	ng	96
60) Diethylphthalate	10.433	149	1363003	41.812	ng	99
61) 4-Chlorophenyl-phenyle...	10.551	204	665948	41.410	ng	98
62) 4-Nitroaniline	10.592	138	351028	42.056	ng	94
63) Azobenzene	10.716	77	1572392	45.545	ng	99
65) 4,6-Dinitro-2-methylph...	10.622	198	252097	41.281	ng	94
66) n-Nitrosodiphenylamine	10.675	169	1134366	40.334	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	431504	42.286	ng	99
68) Hexachlorobenzene	11.116	284	480647	44.764	ng	96
69) Atrazine	11.204	200	416680	47.458	ng	100
70) Pentachlorophenol	11.316	266	437247	68.445	ng	98
71) Phenanthrene	11.533	178	1904798	40.758	ng	99
72) Anthracene	11.586	178	1909950	39.687	ng	99
73) Carbazole	11.745	167	1712829	39.475	ng	99
74) Di-n-butylphthalate	12.057	149	2211492	43.450	ng	100
75) Fluoranthene	12.727	202	2095474	41.015	ng	100
77) Benzidine	12.845	184	528386	48.039	ng	99
78) Pyrene	12.963	202	2175904	52.967	ng	100
80) Butylbenzylphthalate	13.563	149	879744	54.268	ng	98
81) Benzo(a)anthracene	14.151	228	1477667	43.708	ng	98
82) 3,3'-Dichlorobenzidine	14.110	252	173187	17.376	ng	# 97
83) Chrysene	14.192	228	1357391	42.936	ng	100
84) Bis(2-ethylhexyl)phtha...	14.121	149	1196217	60.067	ng	# 98
85) Di-n-octyl phthalate	14.739	149	1626340	55.885	ng	98
87) Indeno(1,2,3-cd)pyrene	17.280	276	1375841	46.046	ng	99
88) Benzo(b)fluoranthene	15.239	252	1275458	41.737	ng	98
89) Benzo(k)fluoranthene	15.268	252	1221250	40.833	ng	99
90) Benzo(a)pyrene	15.633	252	1185526	41.450	ng	99
91) Dibenzo(a,h)anthracene	17.292	278	1121790	46.078	ng	99
92) Benzo(g,h,i)perylene	17.756	276	1077329	39.455	ng	99

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

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Manual Integrations

APPROVED

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Giraldo

03/14/2023

Supervised By :Jagrut

Upadhyay

03/14/2023

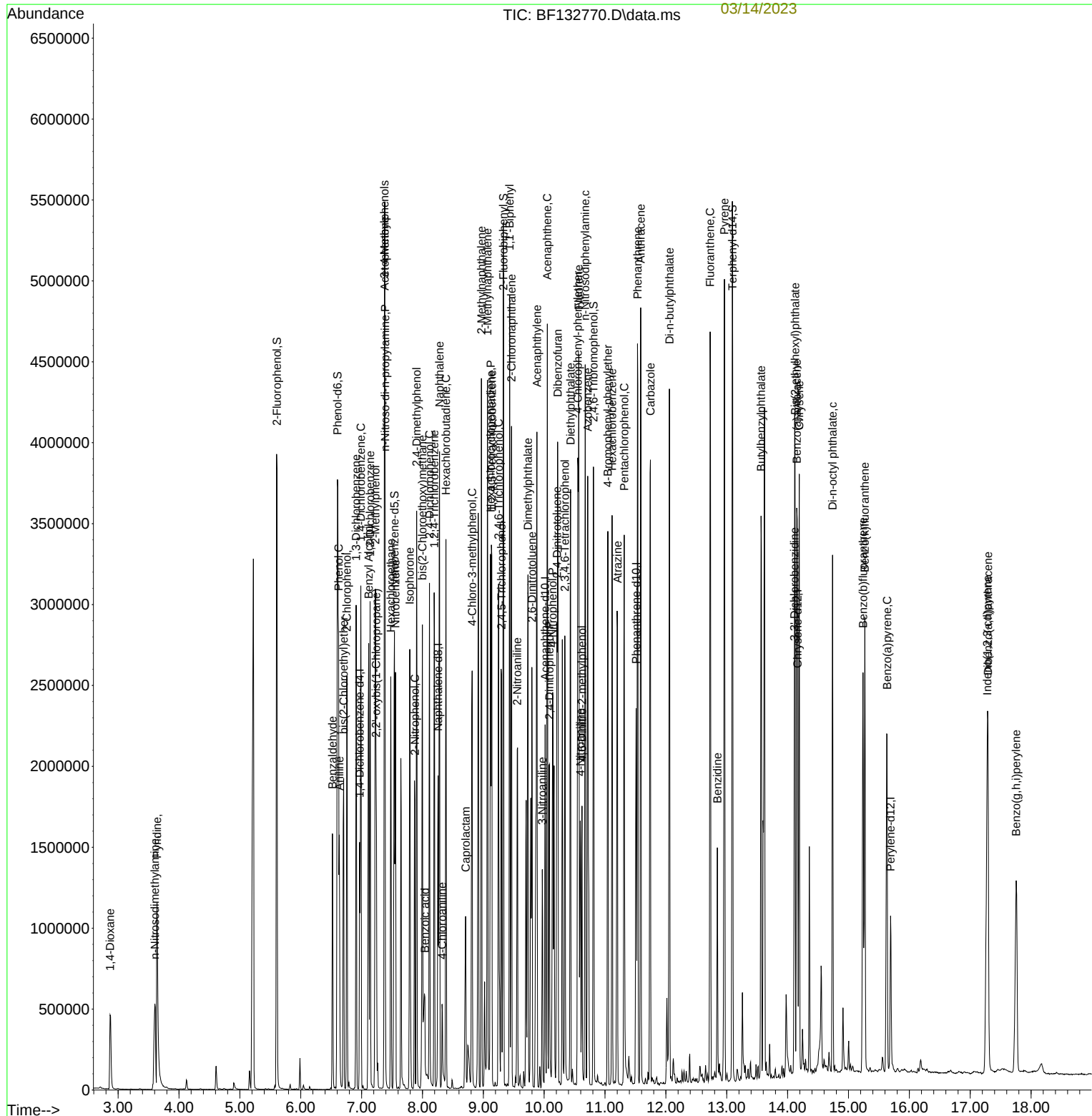
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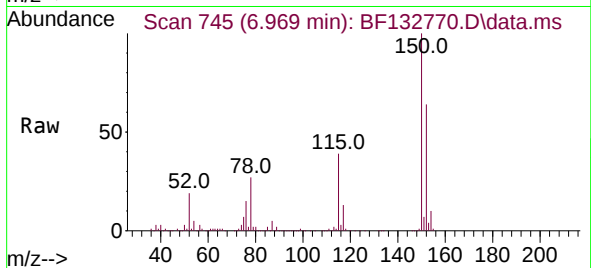
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

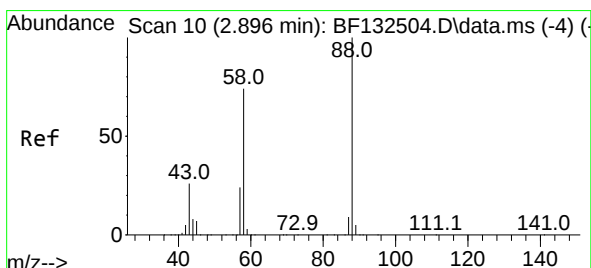
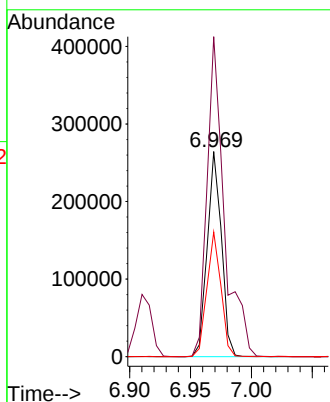
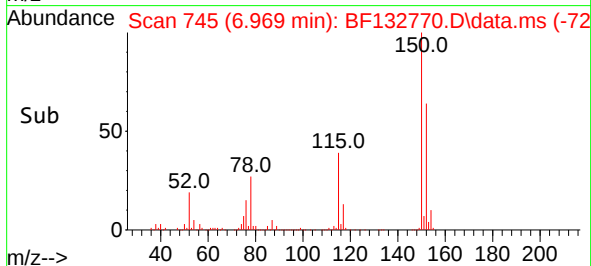
Instrument :
BNA_F
ClientSampleId :
030923-1MS



Tgt Ion:152 Resp: 214835
Ion Ratio Lower Upper
152 100
150 156.1 125.4 188.2
115 60.8 47.8 71.6

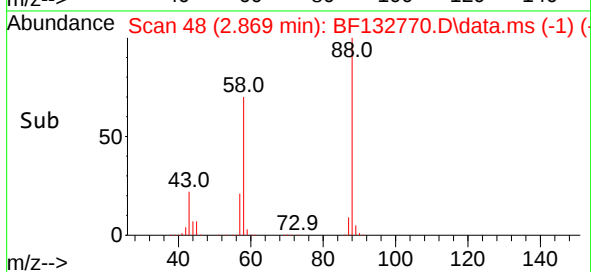
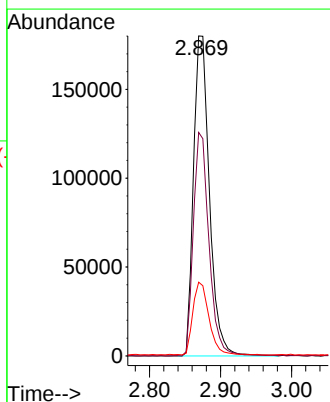
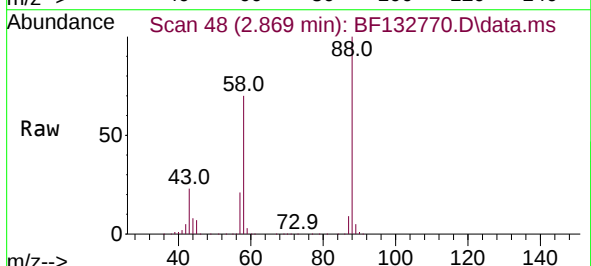
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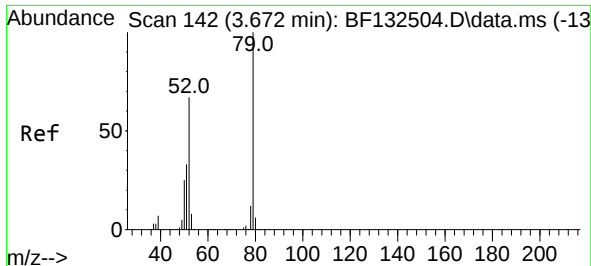
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023



#2
1,4-Dioxane
Concen: 38.263 ng
RT: 2.869 min Scan# 48
Delta R.T. 0.047 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

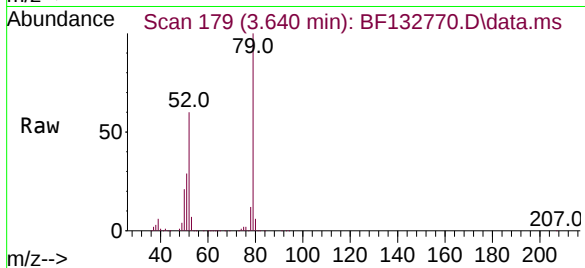
Tgt Ion: 88 Resp: 280167
Ion Ratio Lower Upper
88 100
58 68.7 58.3 87.5
43 22.8 20.7 31.1





#3
Pyridine
Concen: 36.759 ng
RT: 3.640 min Scan# 171
Delta R.T. 0.035 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Instrument :
BNA_F
ClientSampleId :
030923-1MS

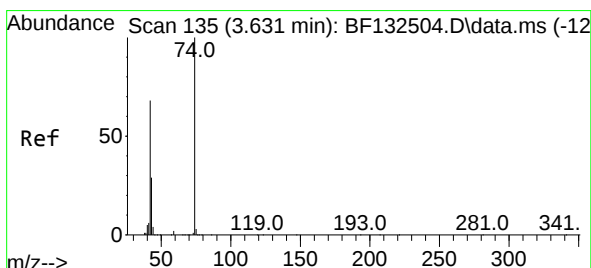
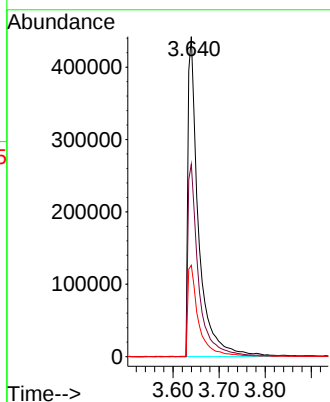
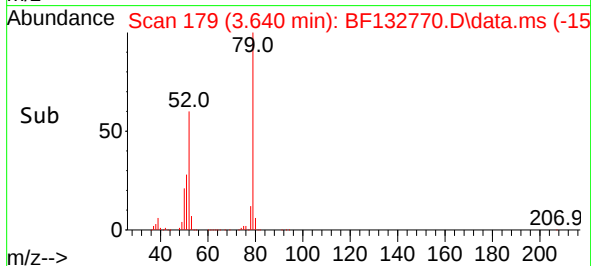


Tgt Ion: 79 Resp: 714460
Ion Ratio Lower Upper
79 100
52 60.1 53.7 80.5
51 28.5 26.6 40.0

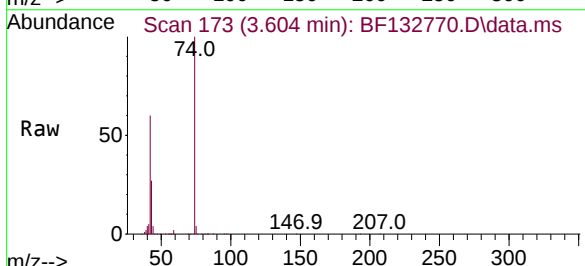
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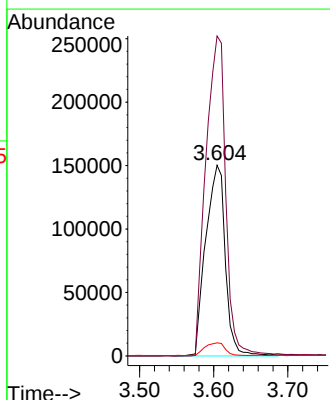
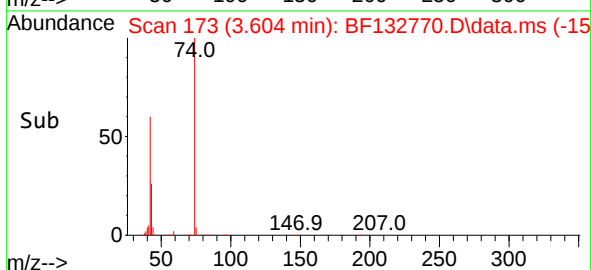
Supervised By :Jagrut
Upadhyay
03/14/2023



#4
n-Nitrosodimethylamine
Concen: 37.604 ng
RT: 3.604 min Scan# 173
Delta R.T. 0.030 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28



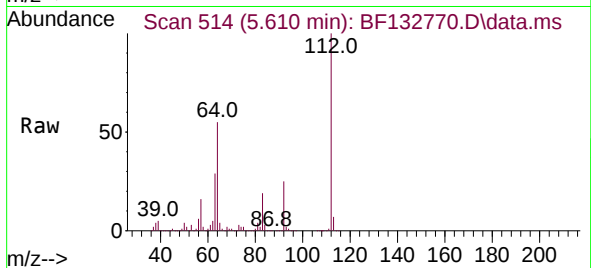
Tgt Ion: 42 Resp: 276073
Ion Ratio Lower Upper
42 100
74 167.9 118.2 177.2
44 6.8 5.3 7.9





#5
2-Fluorophenol
Concen: 94.937 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.012 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

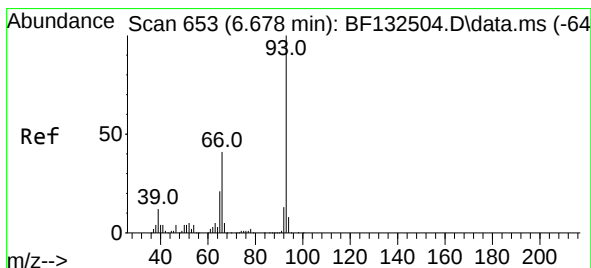
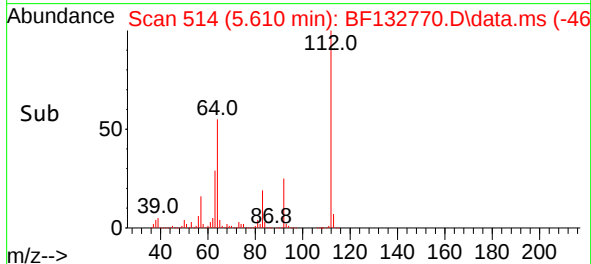
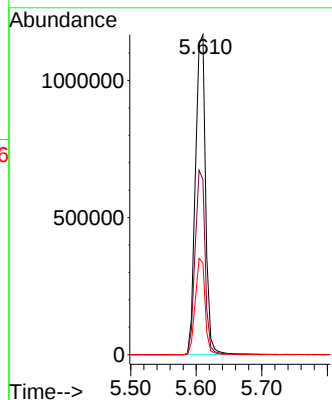
Instrument :
BNA_F
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Tgt Ion: 112 Resp: 1256700
Ion Ratio Lower Upper
112 100
64 54.8 51.6 77.4
63 28.7 27.4 41.2

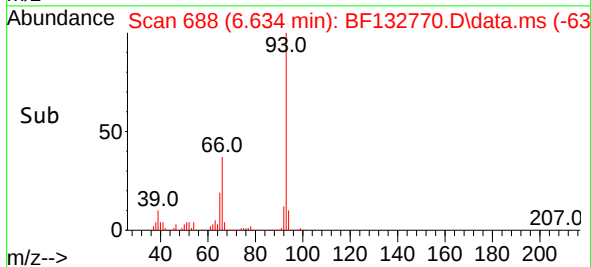
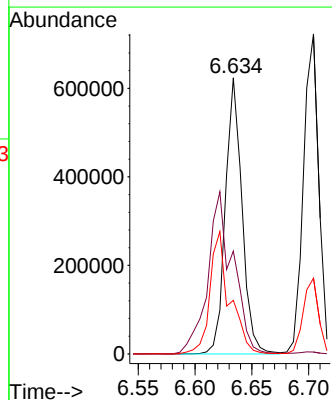
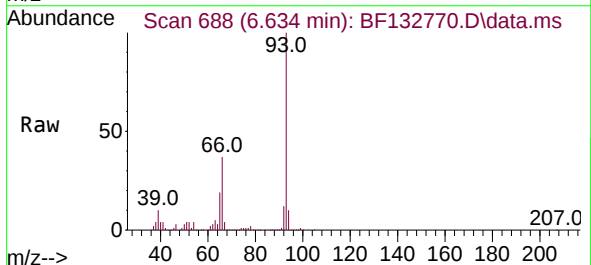
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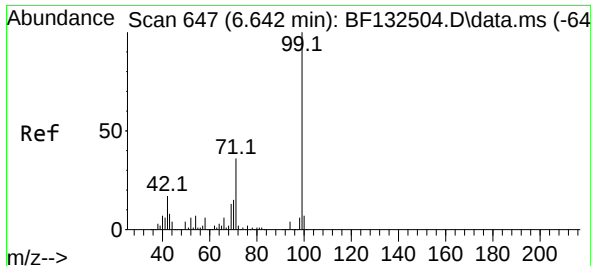
Reviewed By :Christian
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03/14/2023



#6
Aniline
Concen: 27.281 ng
RT: 6.634 min Scan# 688
Delta R.T. -0.012 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

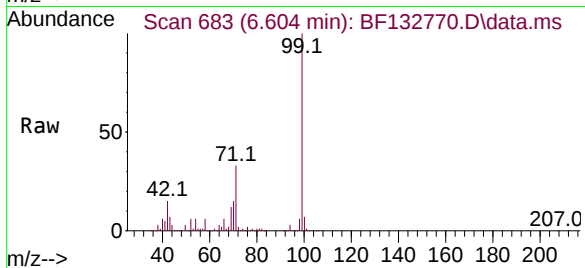
Tgt Ion: 93 Resp: 634260
Ion Ratio Lower Upper
93 100
66 37.2 32.5 48.7
65 19.4 16.6 24.8





#7
Phenol-d6
Concen: 92.985 ng
RT: 6.604 min Scan# 683
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

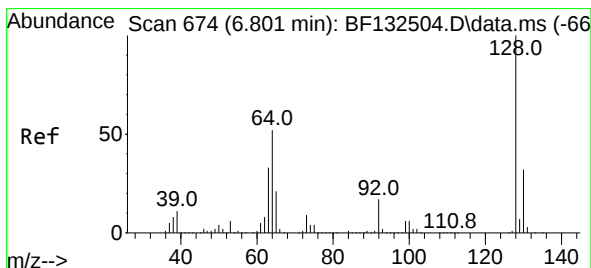
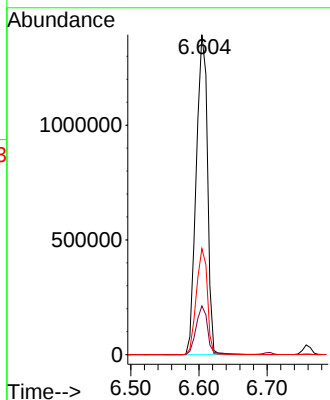
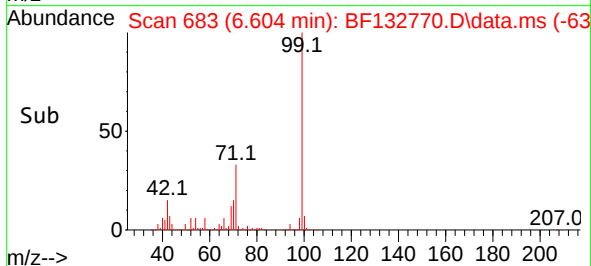
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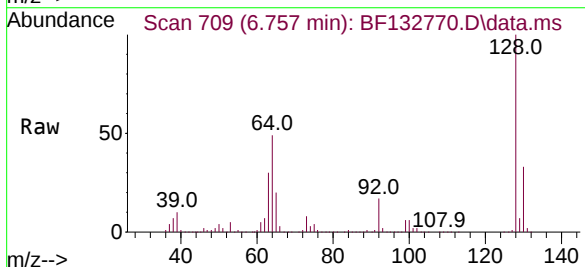
Tgt Ion: 99 Resp: 1606372
Ion Ratio Lower Upper
99 100
42 15.2 13.9 20.9
71 33.1 28.5 42.7

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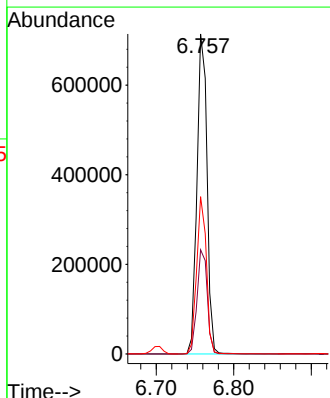
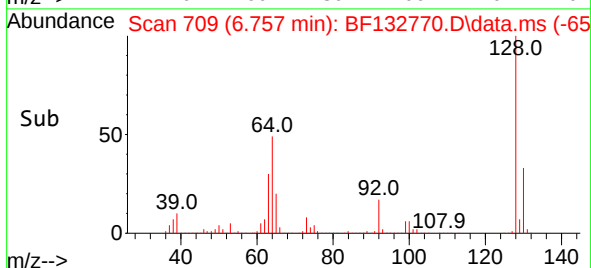
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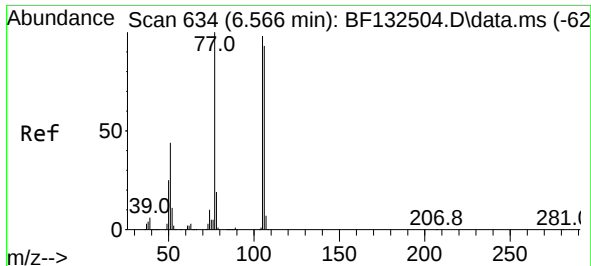


#8
2-Chlorophenol
Concen: 46.851 ng
RT: 6.757 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28



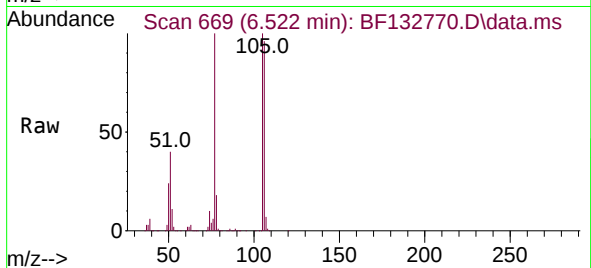
Tgt Ion:128 Resp: 643666
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 49.1 32.0 72.0





#9
Benzaldehyde
Concen: 31.121 ng
RT: 6.522 min Scan# 60
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

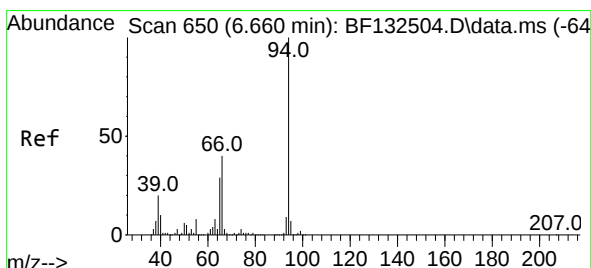
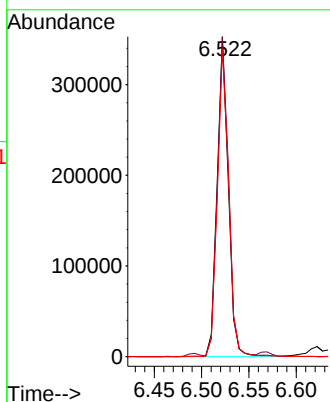
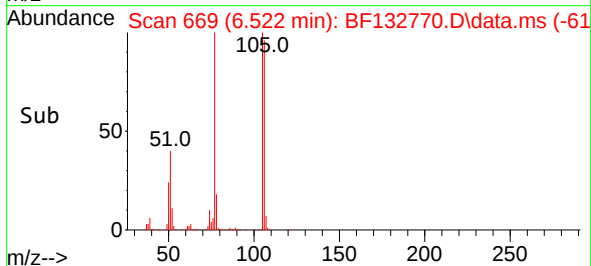
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Tgt Ion: 77 Resp: 290106
Ion Ratio Lower Upper
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105 99.9 77.9 117.9
106 96.1 73.4 113.4

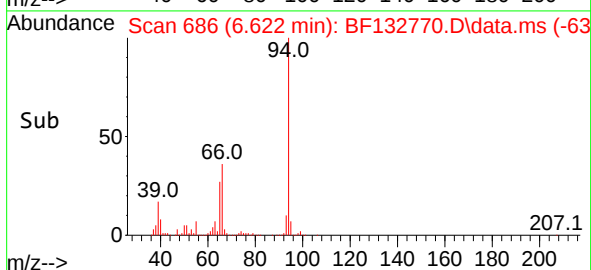
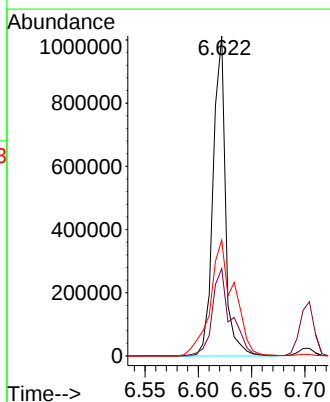
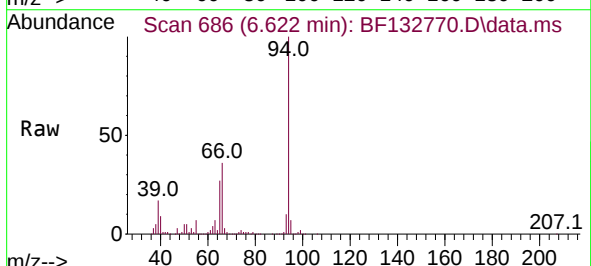
Manual Integrations
APPROVED

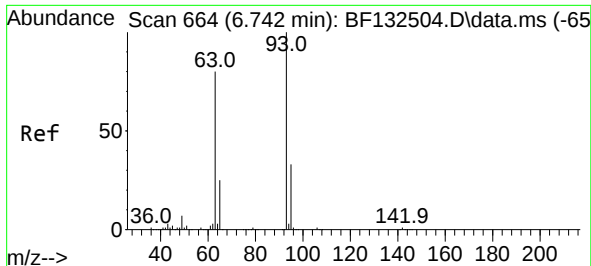
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023



#10
Phenol
Concen: 41.475 ng
RT: 6.622 min Scan# 686
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

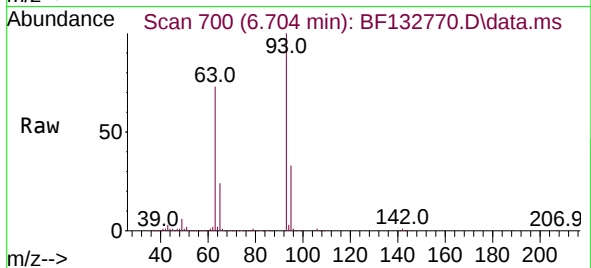
Tgt Ion: 94 Resp: 821462
Ion Ratio Lower Upper
94 100
65 27.3 9.4 49.4
66 36.2 19.8 59.8





#11
bis(2-Chloroethyl)ether
Concen: 44.040 ng
RT: 6.704 min Scan# 704
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

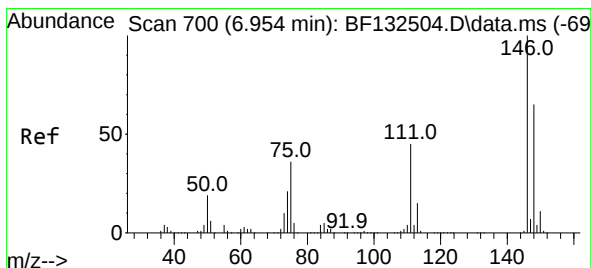
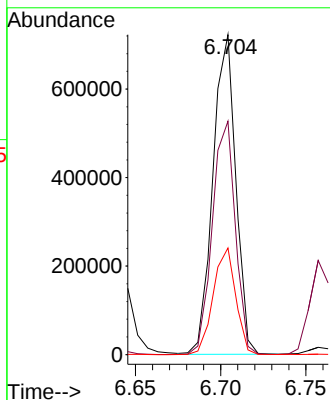
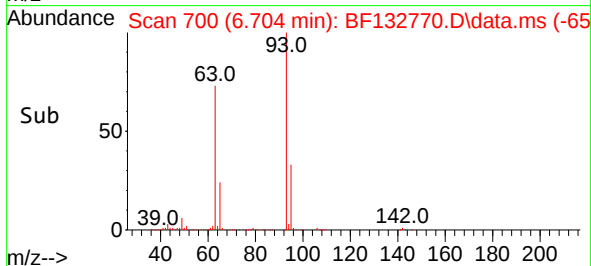
Instrument :
BNA_F
Client Sample Id :
030923-1MS



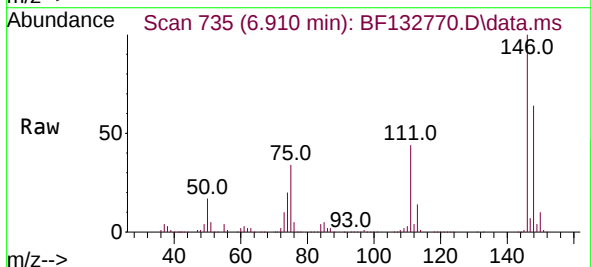
Tgt Ion: 93 Resp: 673369
Ion Ratio Lower Upper
93 100
63 72.9 59.6 99.6
95 33.3 12.8 52.8

Manual Integrations
APPROVED

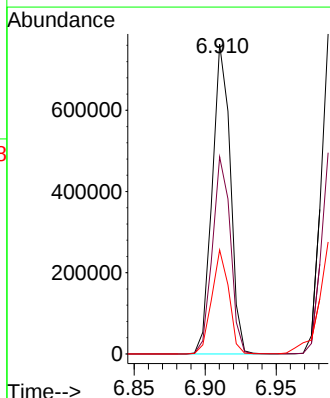
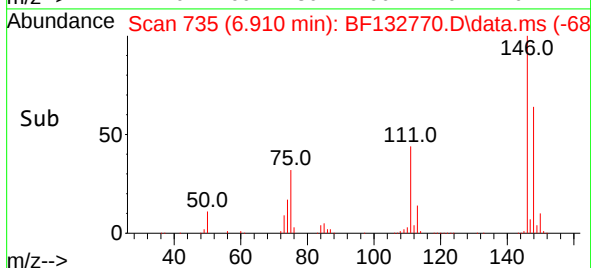
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023

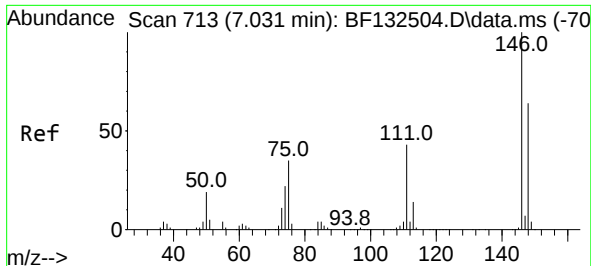


#12
1,3-Dichlorobenzene
Concen: 45.675 ng
RT: 6.910 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28



Tgt Ion:146 Resp: 673394
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
75 33.6 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 45.642 ng

RT: 6.987 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF132770.D

Acq: 13 Mar 2023 20:28

Instrument :

BNA_F

ClientSampleId :

030923-1MS

Tgt Ion:146 Resp: 671909

Ion Ratio Lower Upper

146 100

148 62.9 51.1 76.7

111 43.2 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Christian

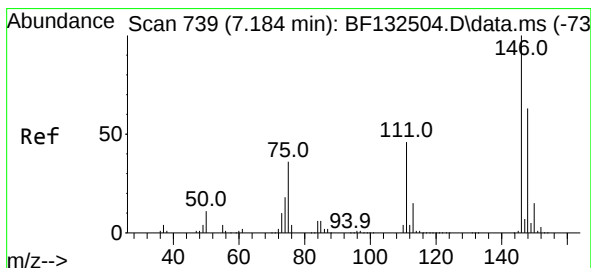
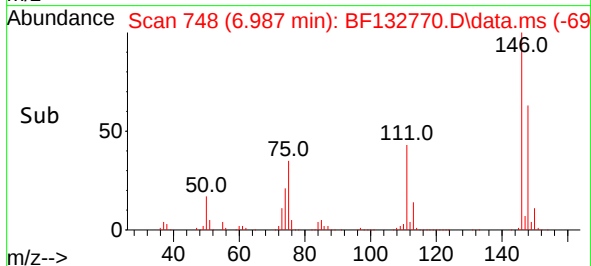
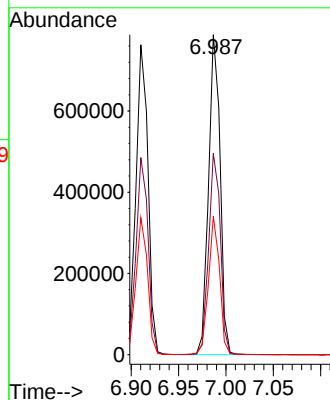
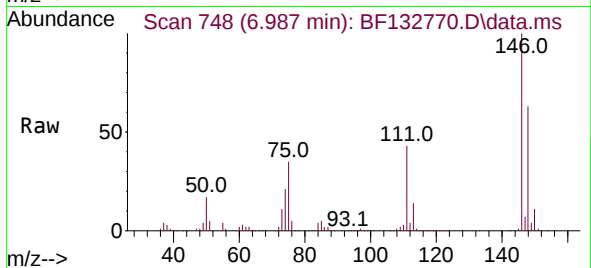
Giraldo

03/14/2023

Supervised By :Jagrut

Upadhyay

03/14/2023



#14

1,2-Dichlorobenzene

Concen: 45.536 ng

RT: 7.140 min Scan# 774

Delta R.T. -0.006 min

Lab File: BF132770.D

Acq: 13 Mar 2023 20:28

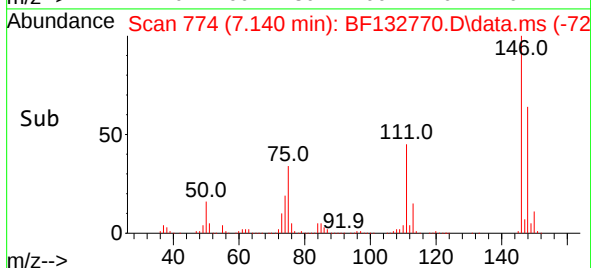
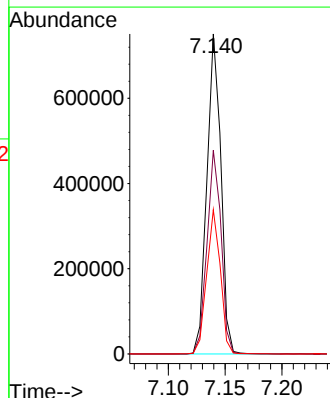
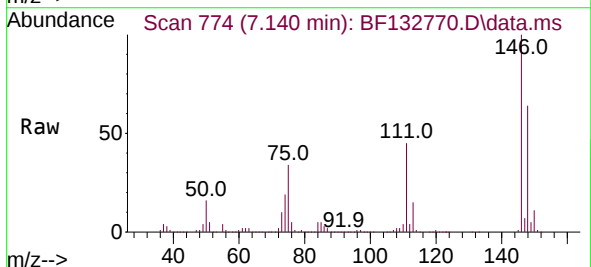
Tgt Ion:146 Resp: 643339

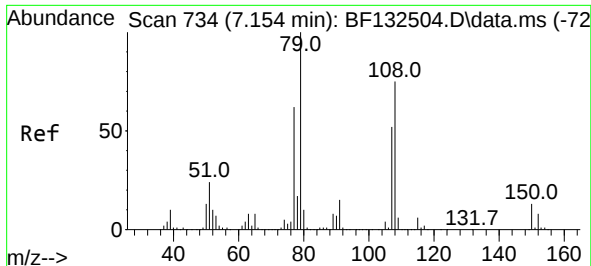
Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

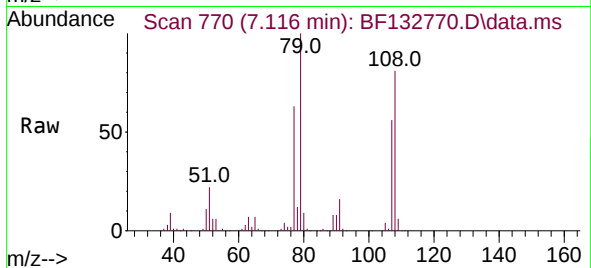
111 45.0 37.2 55.8





#15
Benzyl Alcohol
Concen: 43.430 ng
RT: 7.116 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

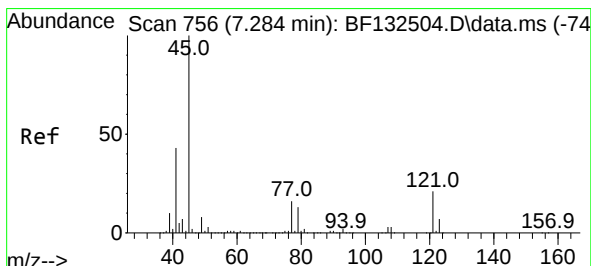
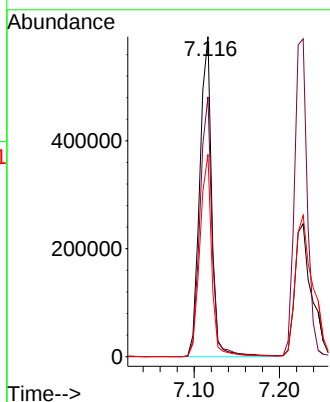
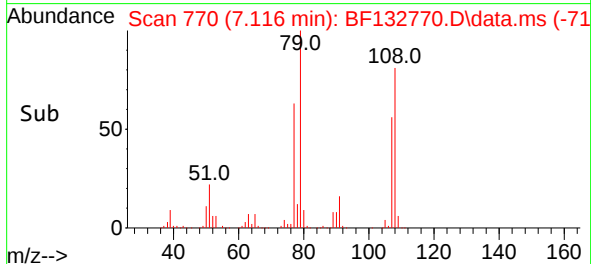
Instrument :
BNA_F
ClientSampleId :
030923-1MS



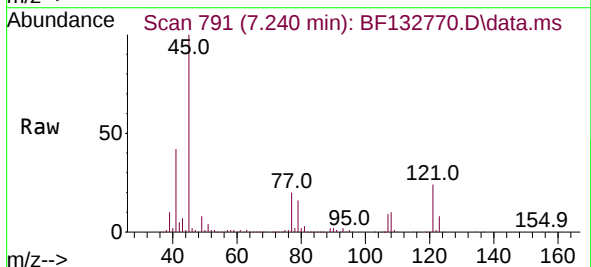
Tgt Ion: 79 Resp: 577830
Ion Ratio Lower Upper
79 100
108 81.2 60.2 90.4
77 63.2 49.9 74.9

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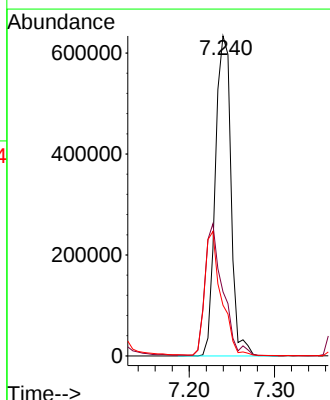
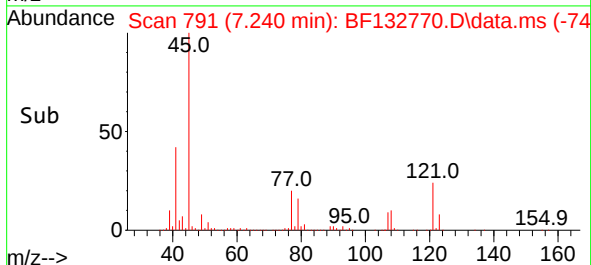
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023

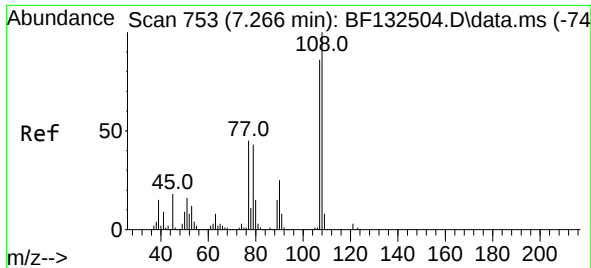


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.308 ng
RT: 7.240 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28



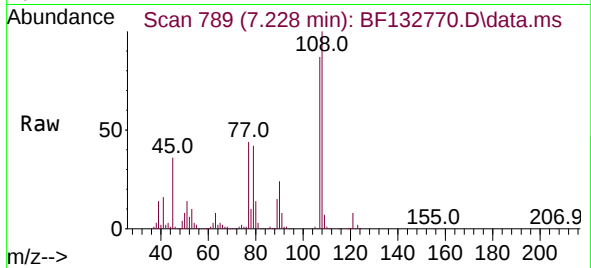
Tgt Ion: 45 Resp: 805413
Ion Ratio Lower Upper
45 100
77 20.0 0.0 36.4
79 15.8 0.0 33.4





#17
2-Methylphenol
Concen: 41.524 ng
RT: 7.228 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

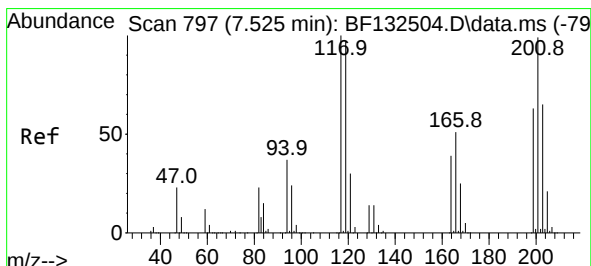
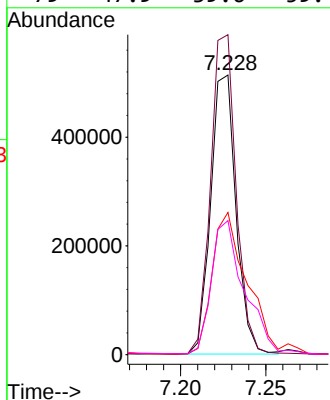
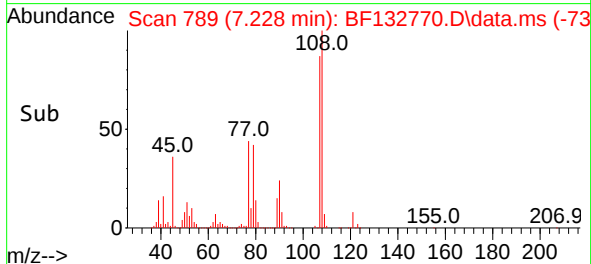
Instrument :
BNA_F
ClientSampleId :
030923-1MS



Tgt Ion:	107	Resp:	532418
Ion	Ratio	Lower	Upper
107	100		
108	114.5	93.0	139.4
77	50.9	42.1	63.1
79	47.9	39.6	59.4

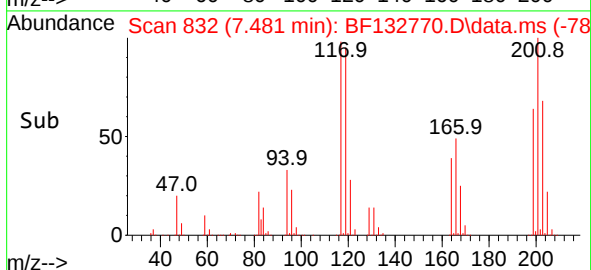
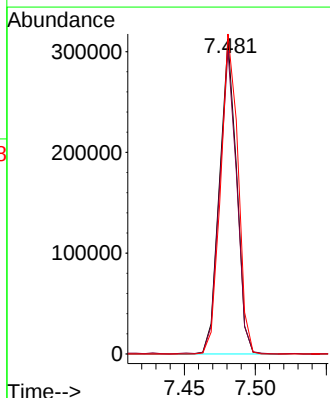
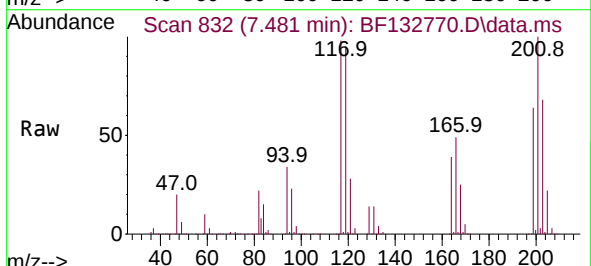
Manual Integrations
APPROVED

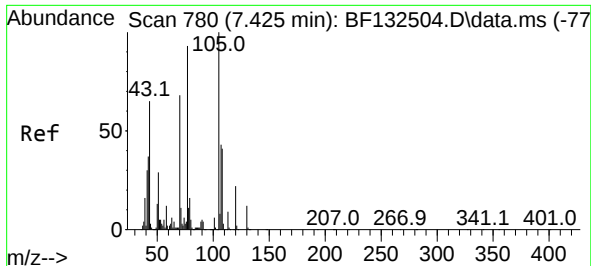
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023



#18
Hexachloroethane
Concen: 45.093 ng
RT: 7.481 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

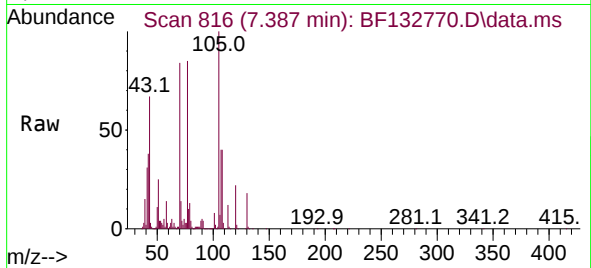
Tgt Ion:	117	Resp:	259346
Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.0	117.0
201	101.6	79.0	118.4





#19
n-Nitroso-di-n-propylamine
Concen: 37.681 ng
RT: 7.387 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

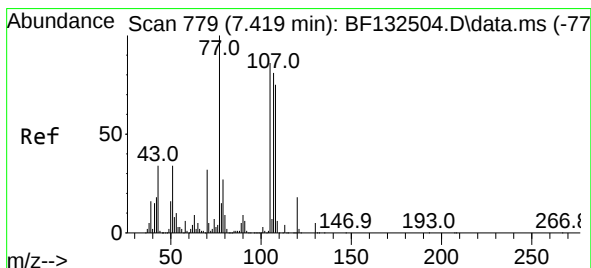
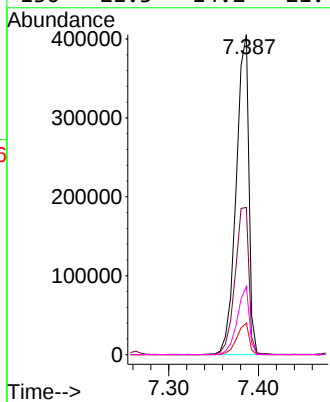
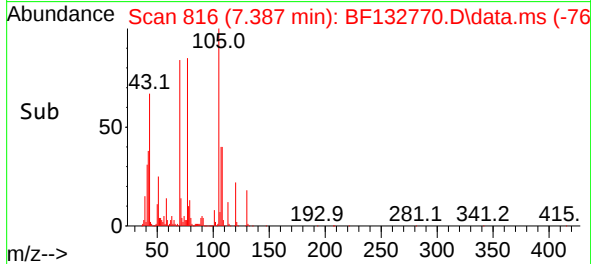
Instrument :
BNA_F
ClientSampleId :
030923-1MS



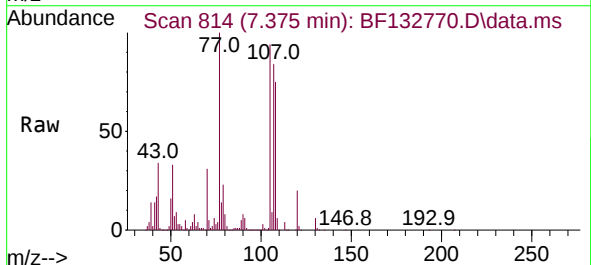
Tgt Ion: 70 Resp: 400629
Ion Ratio Lower Upper
70 100
42 46.0 44.1 66.1
101 9.9 7.4 11.2
130 21.3 14.2 21.4

Manual Integrations
APPROVED

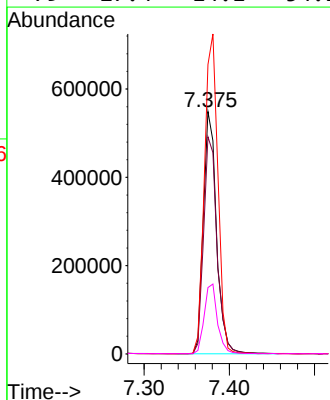
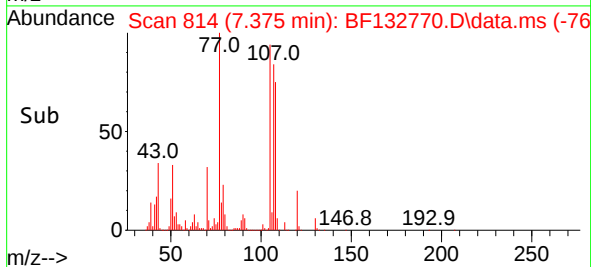
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023

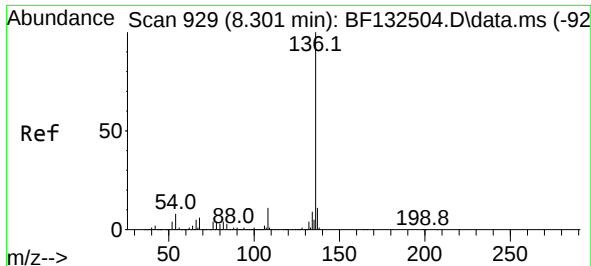


#20
3+4-Methylphenols
Concen: 35.601 ng
RT: 7.375 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28



Tgt Ion:107 Resp: 589735
Ion Ratio Lower Upper
107 100
108 89.6 72.6 112.6
77 119.4 104.0 144.0
79 27.4 14.1 54.1





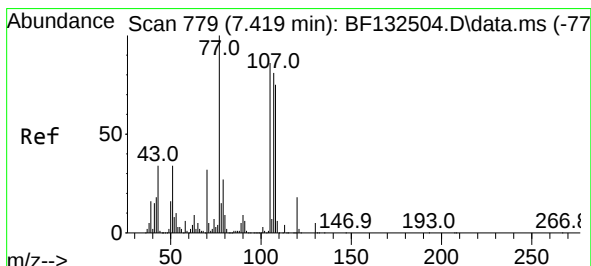
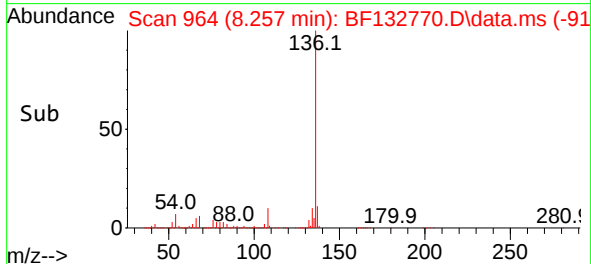
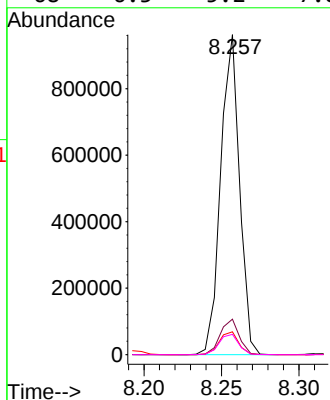
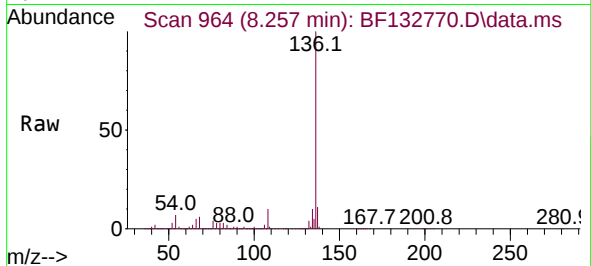
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Instrument :
BNA_F
ClientSampleId :
030923-1MS

Tgt Ion:136 Resp: 81734
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.1 6.2 9.4
68 6.3 5.2 7.8

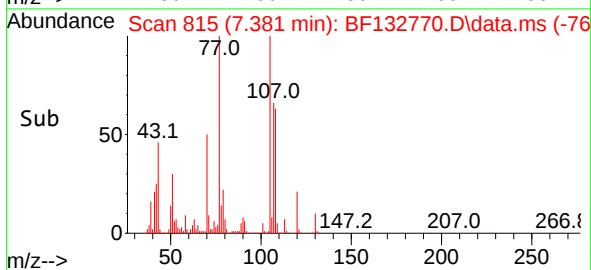
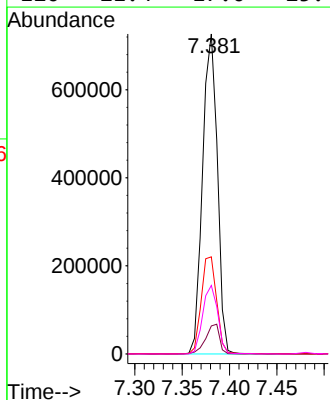
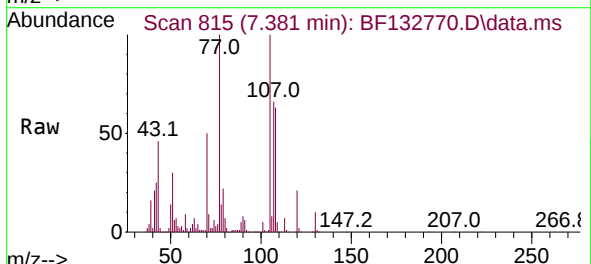
Manual Integrations
APPROVED

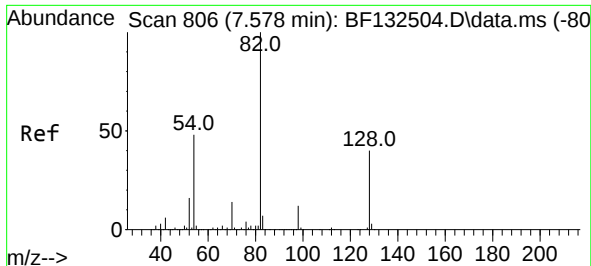
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023



#22
Acetophenone
Concen: 38.439 ng
RT: 7.381 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Tgt Ion:105 Resp: 792223
Ion Ratio Lower Upper
105 100
71 8.7 5.0 7.4#
51 30.3 31.5 47.3#
120 21.4 17.0 25.4





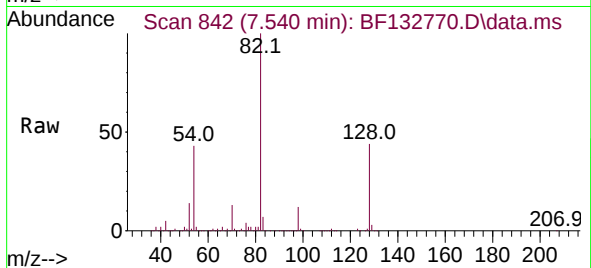
#23
Nitrobenzene-d5
Concen: 61.681 ng
RT: 7.540 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Instrument :

BNA_F

ClientSampleId :

030923-1MS

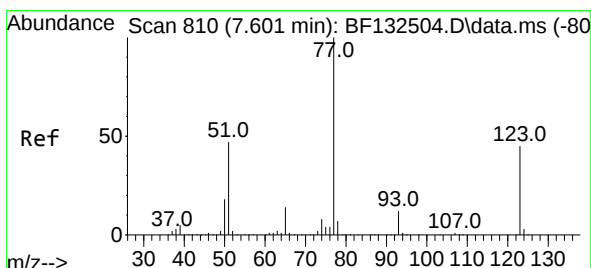
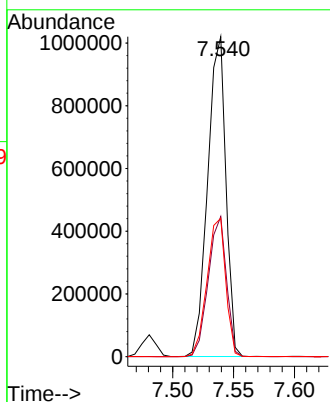
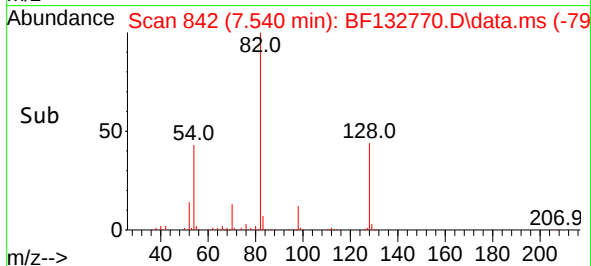


Tgt Ion: 82 Resp: 1062605
Ion Ratio Lower Upper
82 100
128 43.8 32.2 48.2
54 43.2 38.4 57.6

Manual Integrations
APPROVED

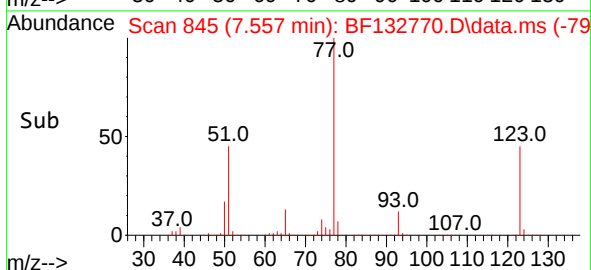
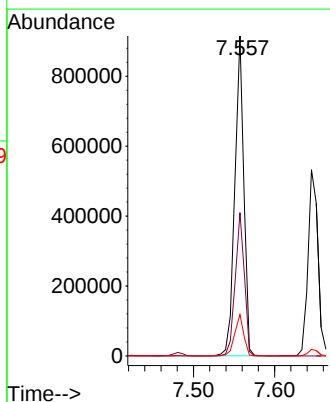
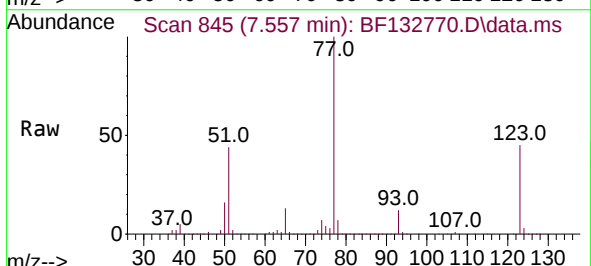
Reviewed By :Christian
Giraldo
03/14/2023

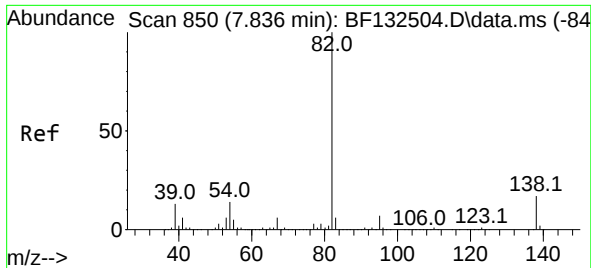
Supervised By :Jagrut
Upadhyay
03/14/2023



#24
Nitrobenzene
Concen: 38.545 ng
RT: 7.557 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

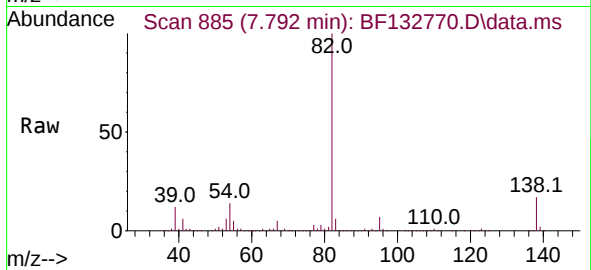
Tgt Ion: 77 Resp: 710168
Ion Ratio Lower Upper
77 100
123 44.8 35.8 53.6
65 12.9 10.9 16.3





#25
Isophorone
Concen: 40.803 ng
RT: 7.792 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

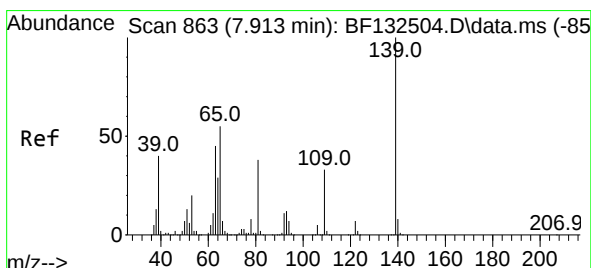
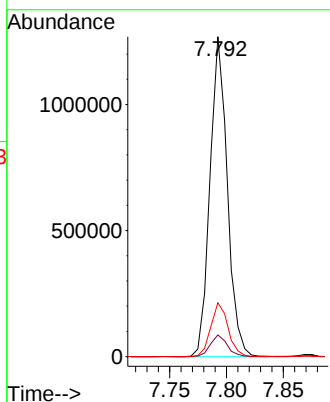
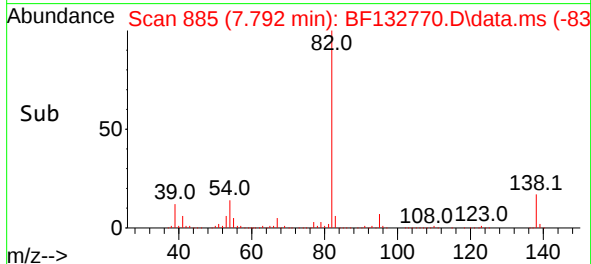
Instrument :
BNA_F
Client Sample Id :
030923-1MS



Tgt Ion: 82 Resp: 1347691
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 16.8 13.3 19.9

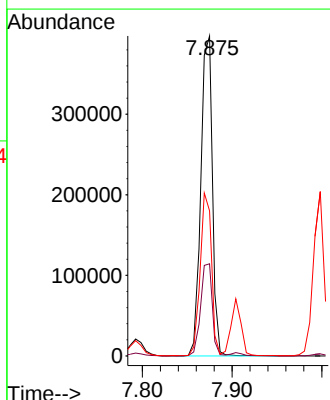
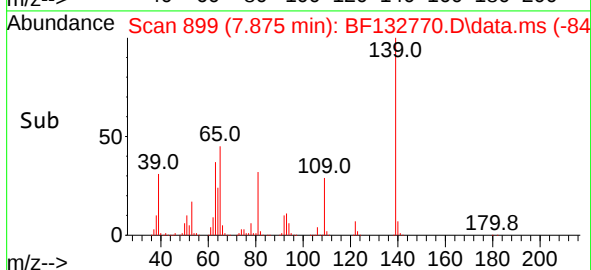
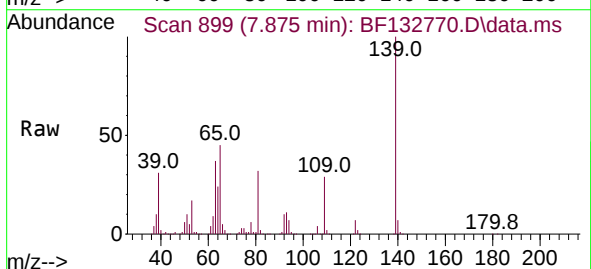
Manual Integrations
APPROVED

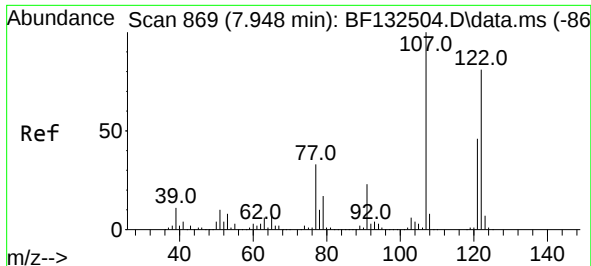
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023



#26
2-Nitrophenol
Concen: 43.768 ng
RT: 7.875 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Tgt Ion:139 Resp: 355804
Ion Ratio Lower Upper
139 100
109 28.8 26.2 39.2
65 45.3 43.8 65.8





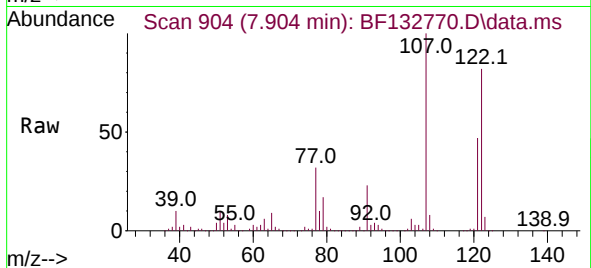
#27
2,4-Dimethylphenol
Concen: 42.381 ng
RT: 7.904 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Instrument :

BNA_F

ClientSampleId :

030923-1MS

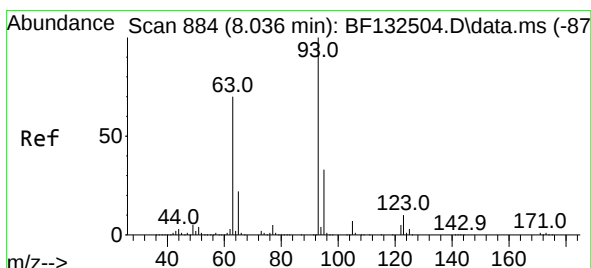
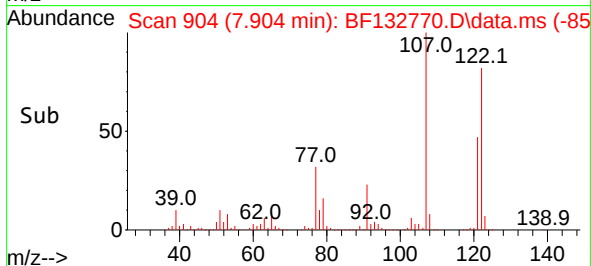
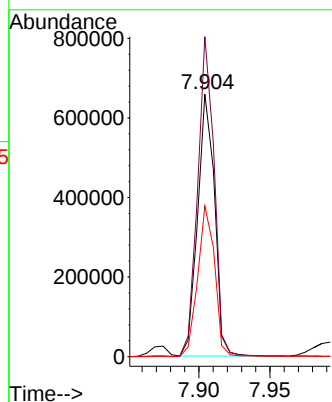


Tgt Ion:122 Resp: 543758
Ion Ratio Lower Upper
122 100
107 121.9 98.7 148.1
121 57.4 45.8 68.6

Manual Integrations
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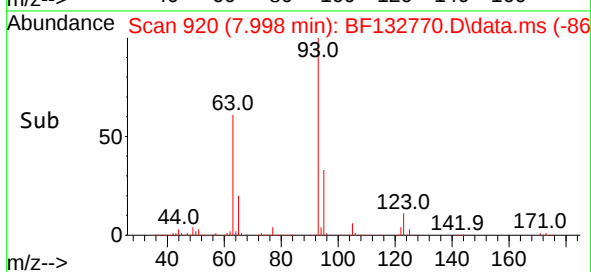
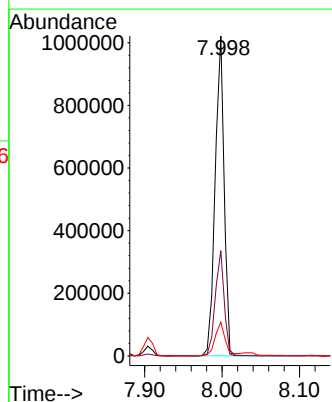
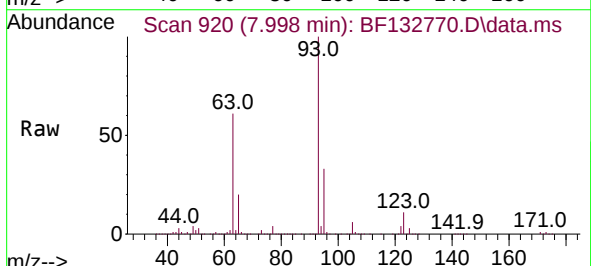
Reviewed By :Christian
Giraldo
03/14/2023

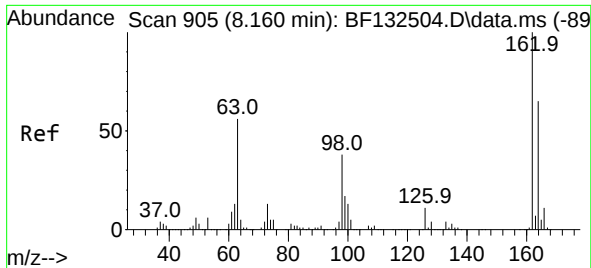
Supervised By :Jagrut
Upadhyay
03/14/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.597 ng
RT: 7.998 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Tgt Ion: 93 Resp: 823048
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 10.5 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 42.772 ng

RT: 8.116 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF132770.D

Acq: 13 Mar 2023 20:28

Instrument :

BNA_F

ClientSampleId :

030923-1MS

Tgt Ion:162 Resp: 545892

Ion Ratio Lower Upper

162 100

164 65.5 45.3 85.3

98 37.2 17.9 57.9

Manual Integrations

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Reviewed By :Christian

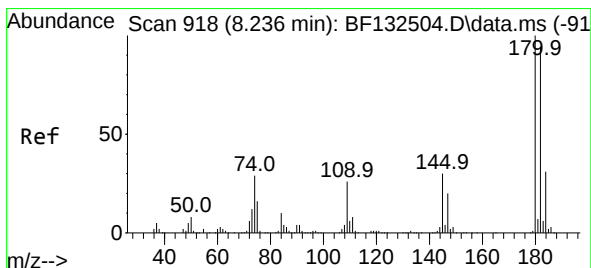
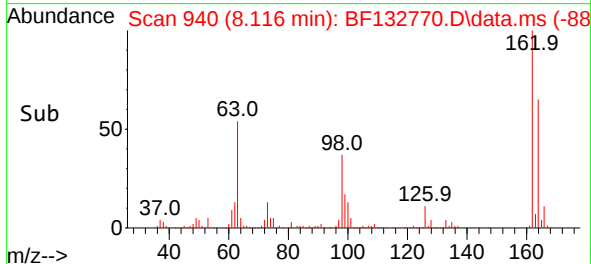
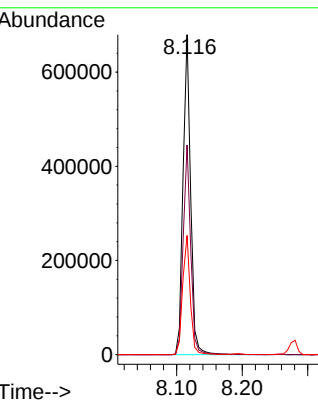
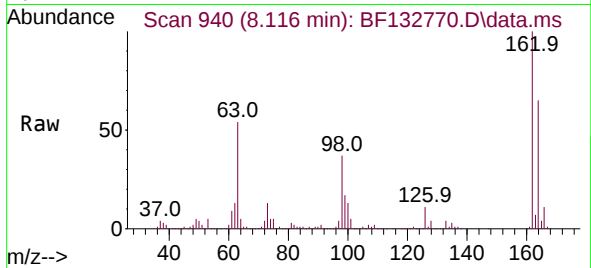
Giraldo

03/14/2023

Supervised By :Jagrut

Upadhyay

03/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.975 ng

RT: 8.192 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF132770.D

Acq: 13 Mar 2023 20:28

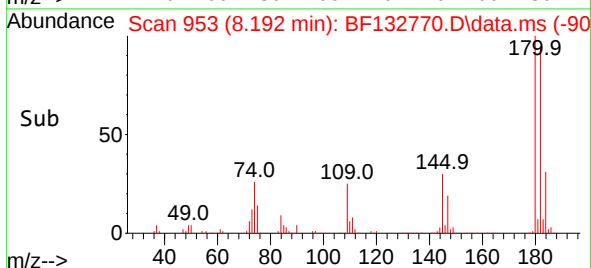
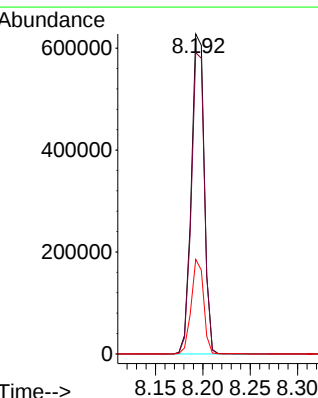
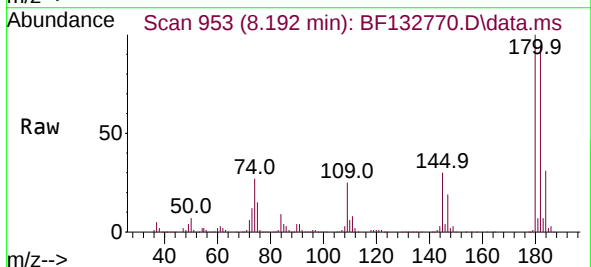
Tgt Ion:180 Resp: 595582

Ion Ratio Lower Upper

180 100

182 94.1 75.1 112.7

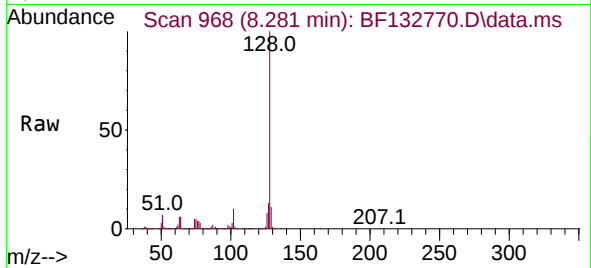
145 29.5 23.8 35.6





#31
Naphthalene
Concen: 40.122 ng
RT: 8.281 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

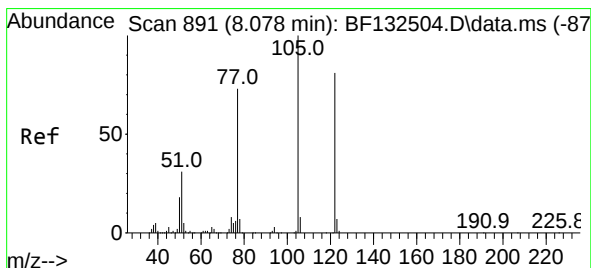
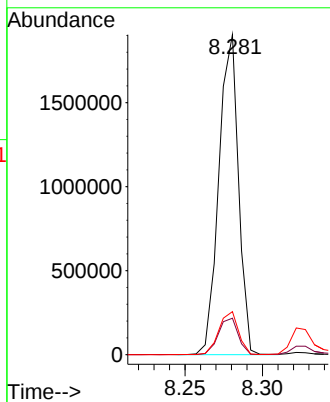
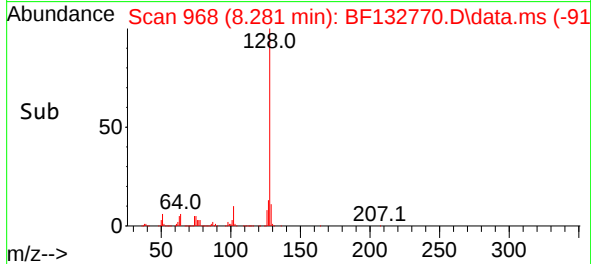
Instrument :
BNA_F
ClientSampleId :
030923-1MS



Tgt Ion:128 Resp: 1678812
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.5 11.0 16.6

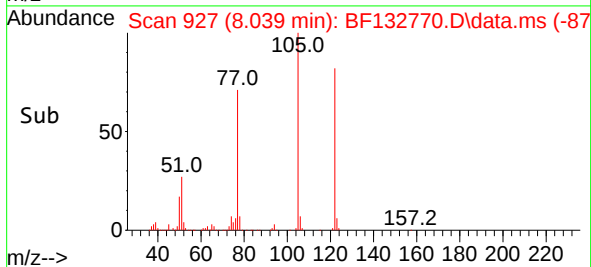
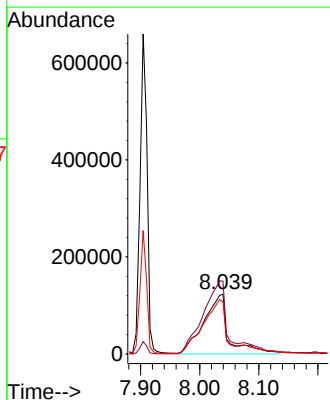
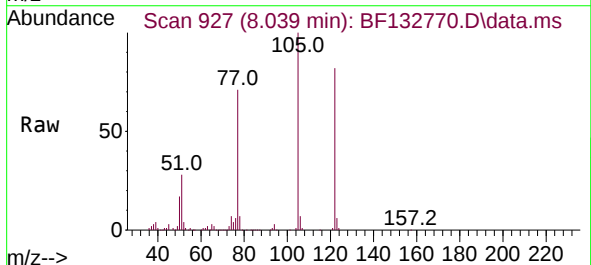
Manual Integrations
APPROVED

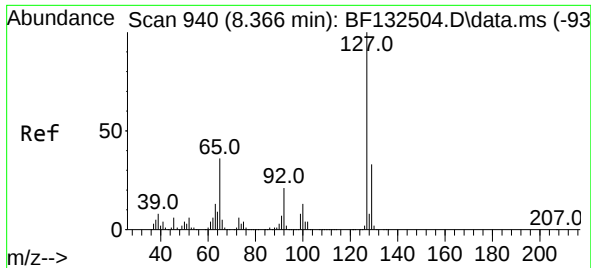
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023



#32
Benzoic acid
Concen: 37.036 ng m
RT: 8.039 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Tgt Ion:122 Resp: 364823
Ion Ratio Lower Upper
122 100
105 121.8 102.6 142.6
77 87.1 70.2 110.2





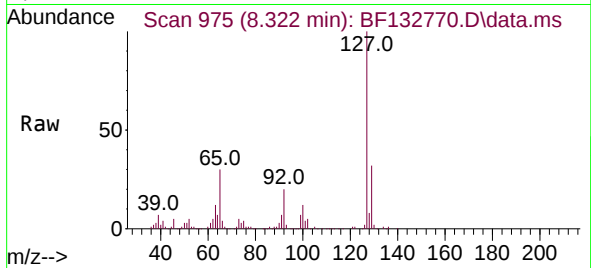
#33
4-Chloroaniline
Concen: 10.288 ng
RT: 8.322 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Instrument :

BNA_F

ClientSampleId :

030923-1MS

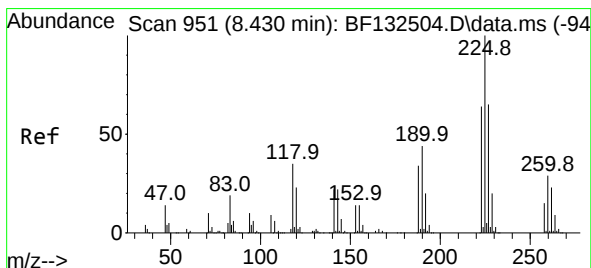
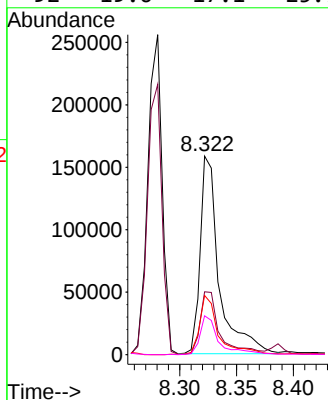
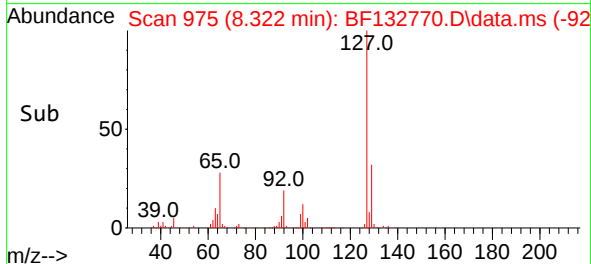


Tgt Ion:127 Resp: 184468
Ion Ratio Lower Upper
127 100
129 31.7 26.4 39.6
65 29.8 28.8 43.2
92 19.6 17.1 25.7

Manual Integrations
APPROVED

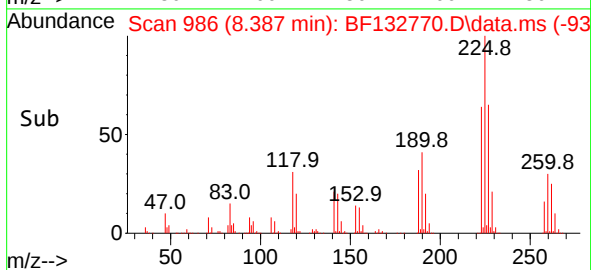
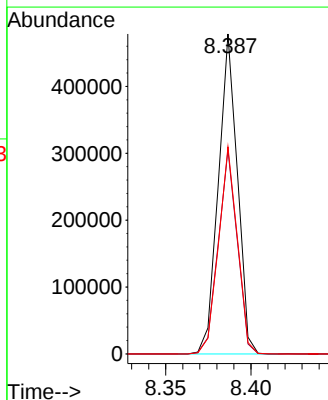
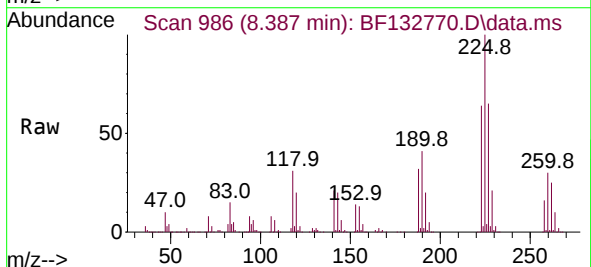
Reviewed By :Christian
Giraldo
03/14/2023

Supervised By :Jagrut
Upadhyay
03/14/2023



#34
Hexachlorobutadiene
Concen: 42.040 ng
RT: 8.387 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

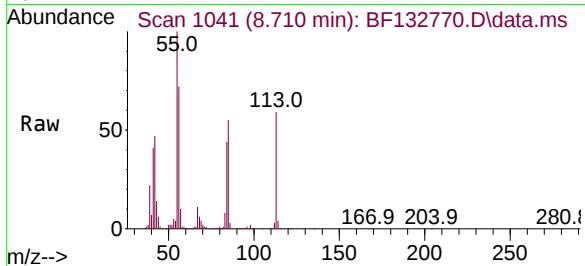
Tgt Ion:225 Resp: 370230
Ion Ratio Lower Upper
225 100
223 63.8 51.0 76.4
227 64.7 51.7 77.5





#35
Caprolactam
Concen: 47.721 ng m
RT: 8.710 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

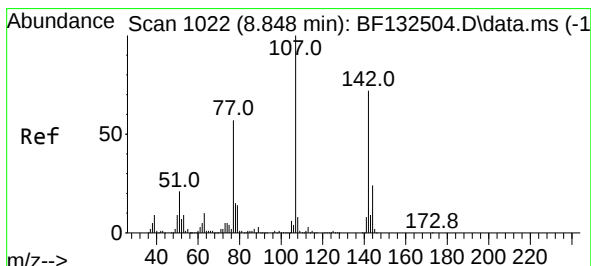
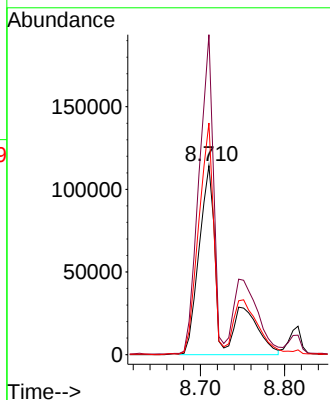
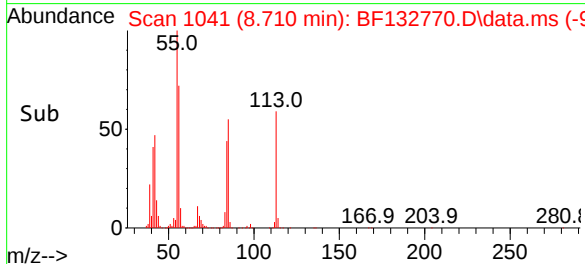
Instrument :
BNA_F
ClientSampleId :
030923-1MS



Tgt Ion:113 Resp: 200793
Ion Ratio Lower Upper
113 100
55 169.4 149.4 189.4
56 122.6 105.0 145.0

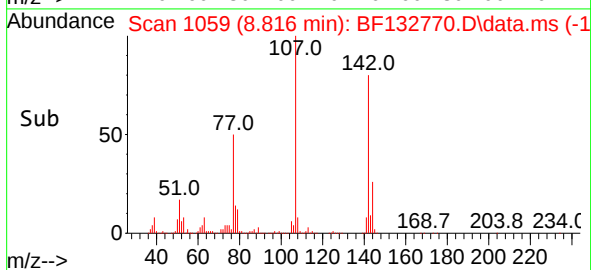
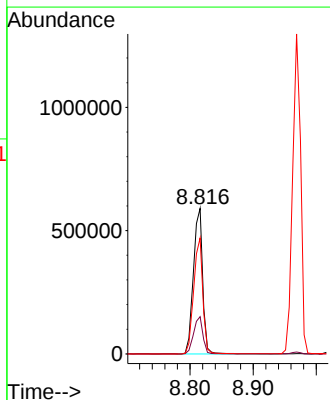
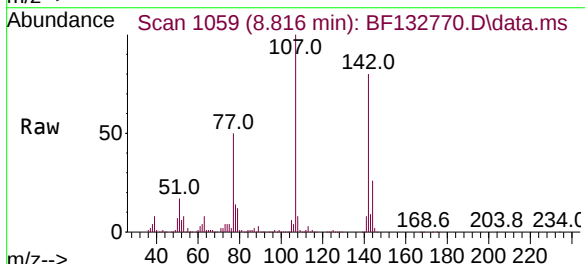
Manual Integrations
APPROVED

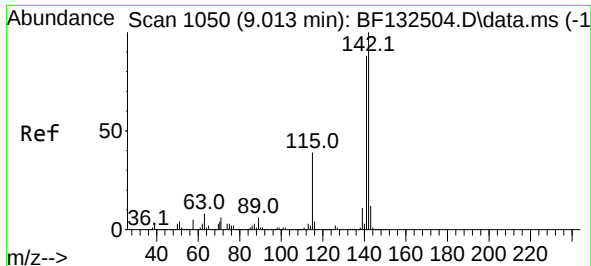
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023



#36
4-Chloro-3-methylphenol
Concen: 43.086 ng
RT: 8.816 min Scan# 1059
Delta R.T. 0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Tgt Ion:107 Resp: 603914
Ion Ratio Lower Upper
107 100
144 25.5 18.9 28.3
142 79.6 57.9 86.9





#37

2-Methylnaphthalene

Concen: 39.991 ng

RT: 8.969 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BF132770.D

Acq: 13 Mar 2023 20:28

Instrument :

BNA_F

ClientSampleId :

030923-1MS

Tgt Ion:142 Resp: 1140368

Ion Ratio Lower Upper

142 100

141 88.1 70.2 105.2

Manual Integrations

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Reviewed By :Christian

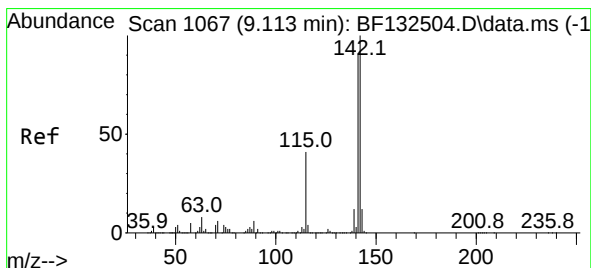
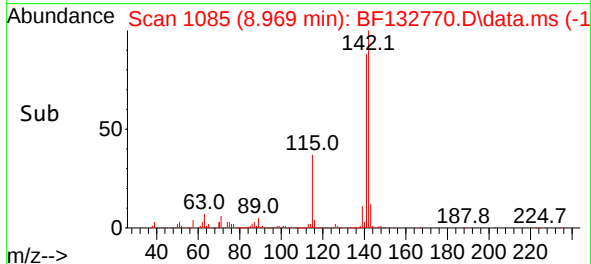
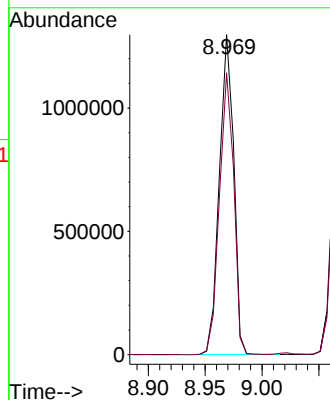
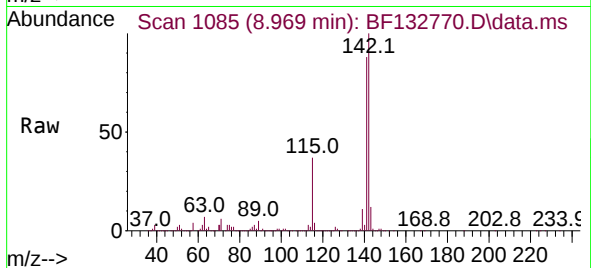
Giraldo

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Supervised By :Jagrut

Upadhyay

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#38

1-Methylnaphthalene

Concen: 40.154 ng

RT: 9.069 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BF132770.D

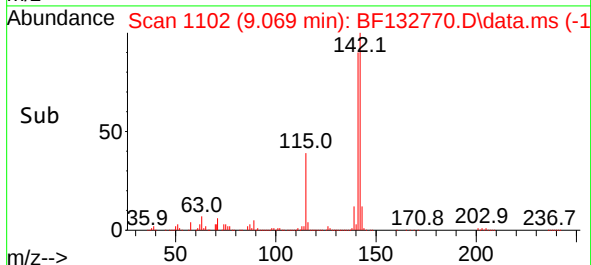
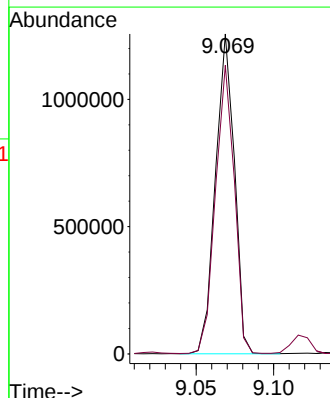
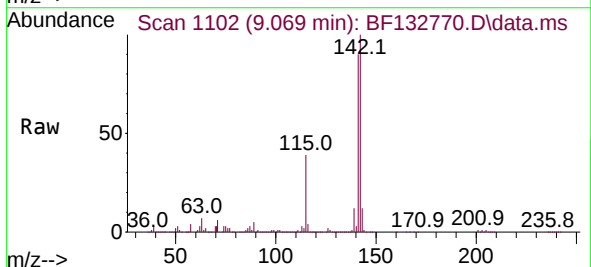
Acq: 13 Mar 2023 20:28

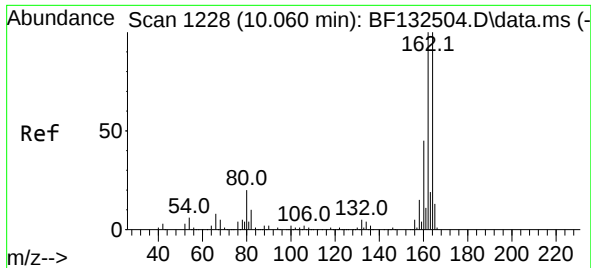
Tgt Ion:142 Resp: 1070059

Ion Ratio Lower Upper

142 100

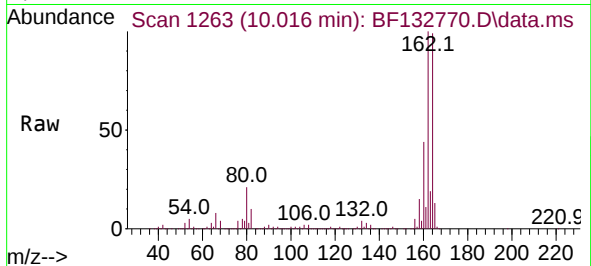
141 90.2 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

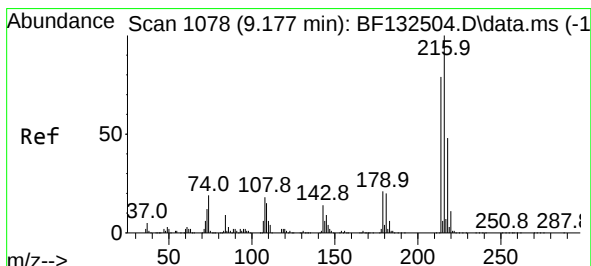
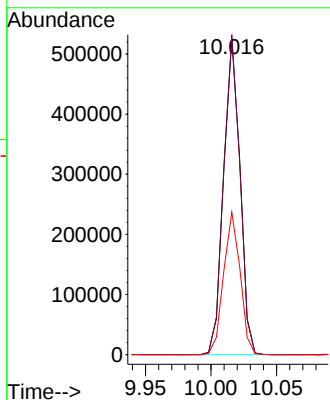
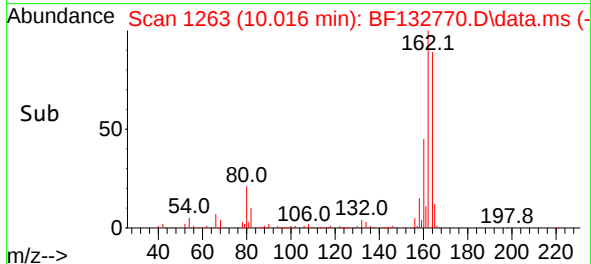
Instrument :
BNA_F
ClientSampleId :
030923-1MS



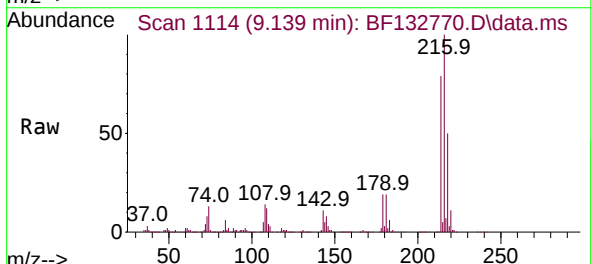
Tgt Ion:164 Resp: 458403
Ion Ratio Lower Upper
164 100
162 101.3 79.8 119.8
160 45.0 35.8 53.6

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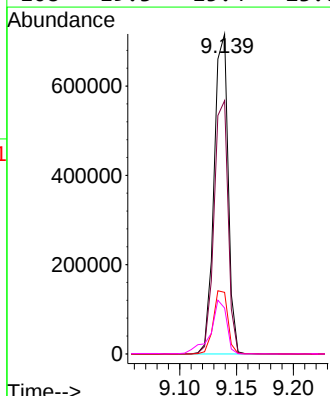
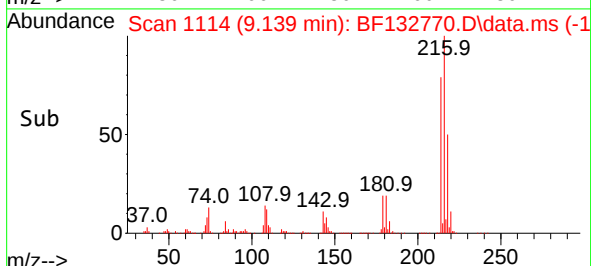
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023

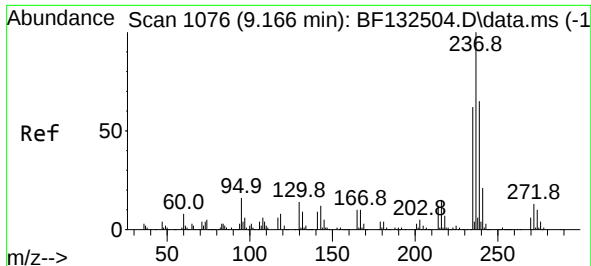


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.125 ng
RT: 9.139 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28



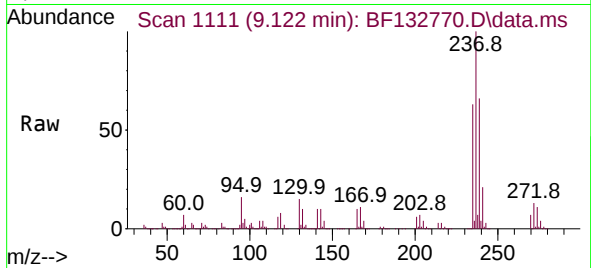
Tgt Ion:216 Resp: 616794
Ion Ratio Lower Upper
216 100
214 79.5 63.0 94.6
179 20.2 16.6 24.8
108 19.3 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 70.619 ng
RT: 9.122 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

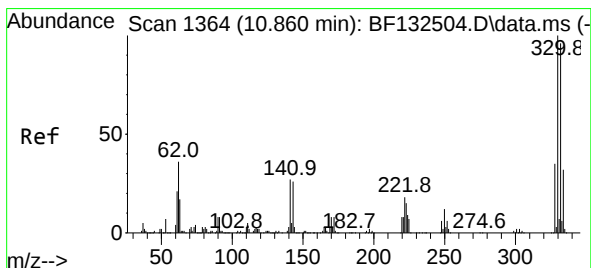
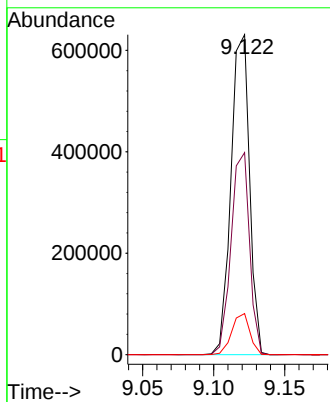
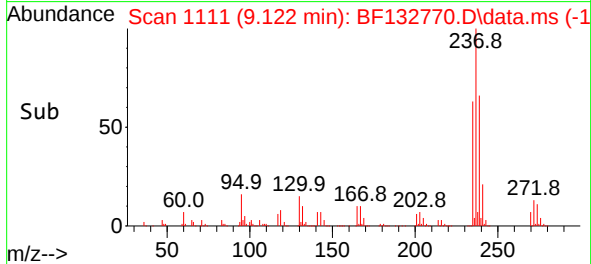
Instrument :
BNA_F
ClientSampleId :
030923-1MS



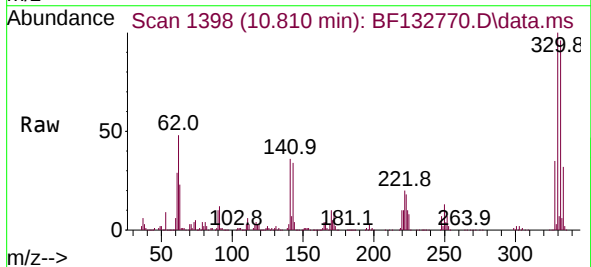
Tgt Ion: 237 Resp: 574462
Ion Ratio Lower Upper
237 100
235 63.1 42.4 82.4
272 12.8 0.0 32.7

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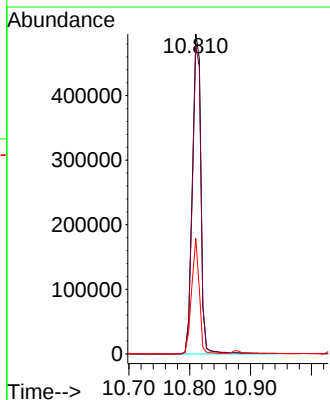
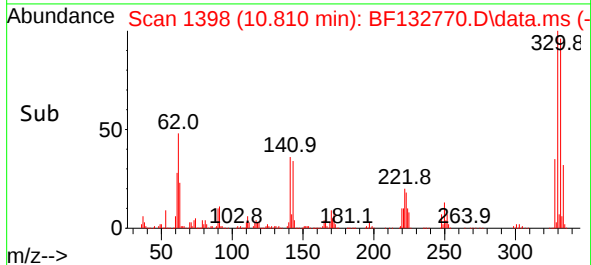
Reviewed By : Christian
Giraldo
03/14/2023
Supervised By : Jagrut
Upadhyay
03/14/2023

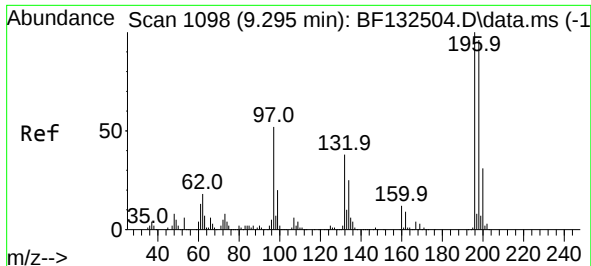


#42
2,4,6-Tribromophenol
Concen: 97.925 ng
RT: 10.810 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28



Tgt Ion: 330 Resp: 484782
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 32.4 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 41.334 ng

RT: 9.251 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BF132770.D

Acq: 13 Mar 2023 20:28

Instrument :

BNA_F

ClientSampleId :

030923-1MS

Tgt Ion:196 Resp: 420114

Ion Ratio Lower Upper

196 100

198 96.2 77.1 115.7

200 30.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Christian

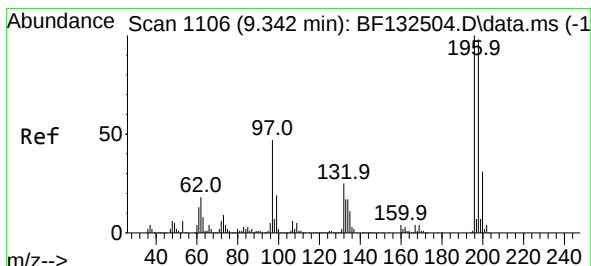
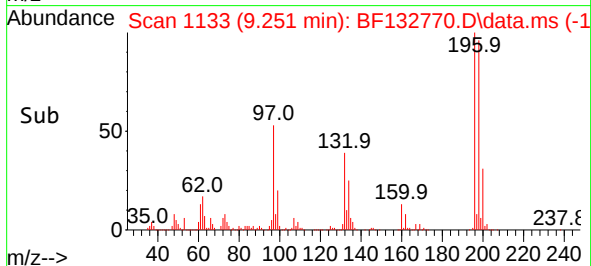
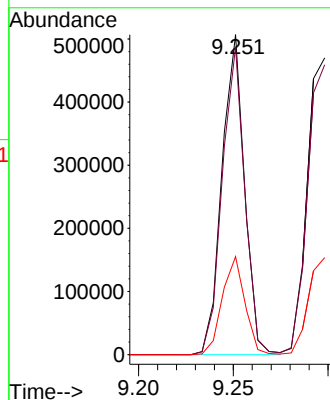
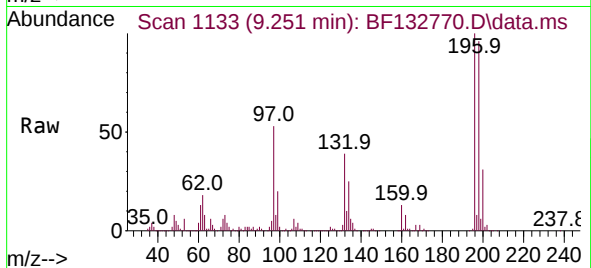
Giraldo

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Supervised By :Jagrut

Upadhyay

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#44

2,4,5-Trichlorophenol

Concen: 38.123 ng

RT: 9.298 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF132770.D

Acq: 13 Mar 2023 20:28

Tgt Ion:196 Resp: 452248

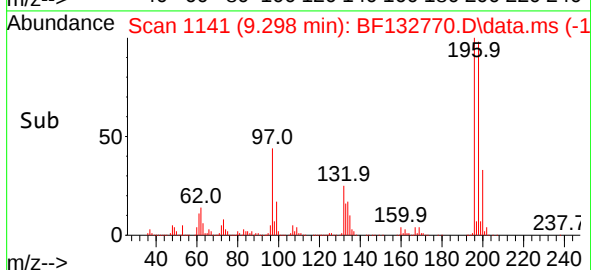
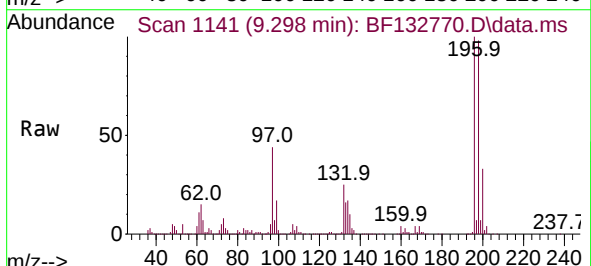
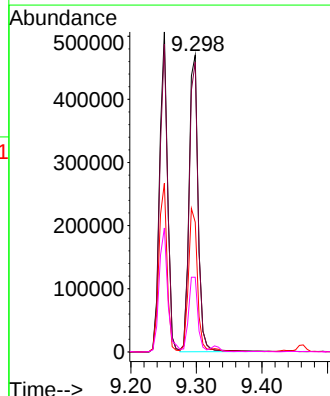
Ion Ratio Lower Upper

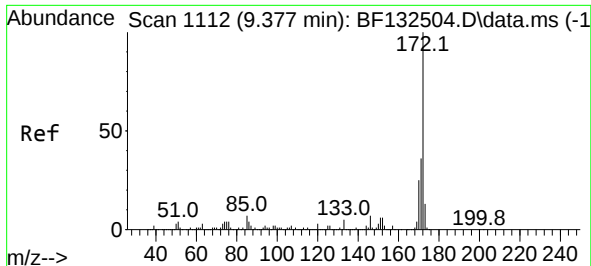
196 100

198 97.7 78.3 117.5

97 43.7 38.1 57.1

132 25.2 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 57.649 ng

RT: 9.328 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF132770.D

Acq: 13 Mar 2023 20:28

Instrument :

BNA_F

ClientSampleId :

030923-1MS

Tgt Ion:172 Resp: 1735538

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.6 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Christian

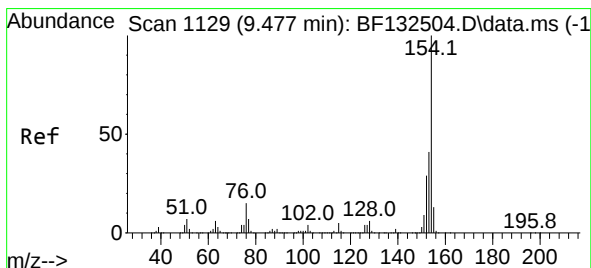
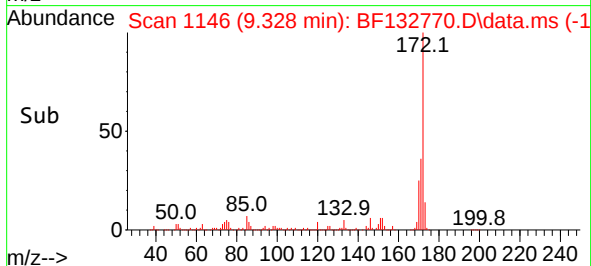
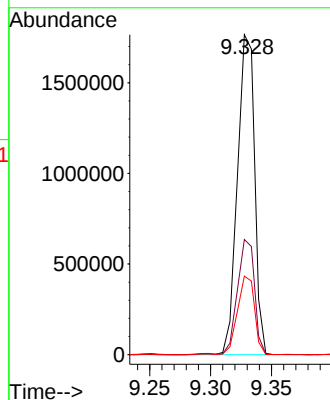
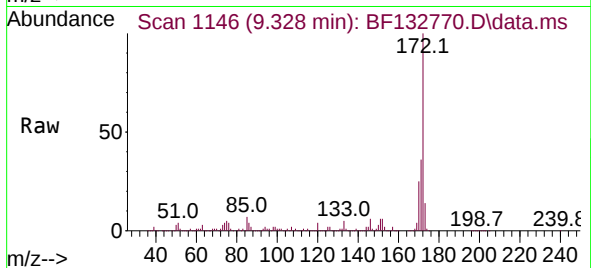
Giraldo

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Supervised By :Jagrut

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#46

1,1'-Biphenyl

Concen: 40.133 ng

RT: 9.434 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF132770.D

Acq: 13 Mar 2023 20:28

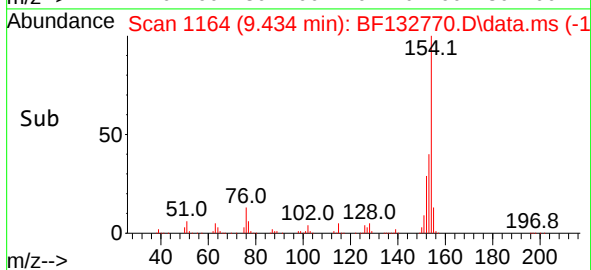
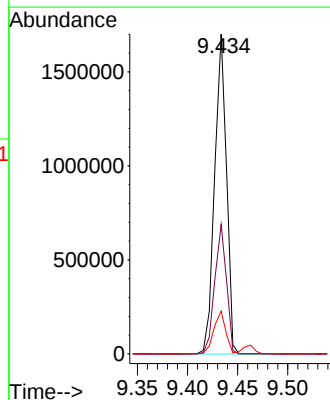
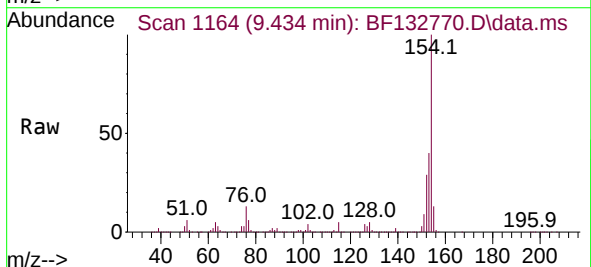
Tgt Ion:154 Resp: 1392458

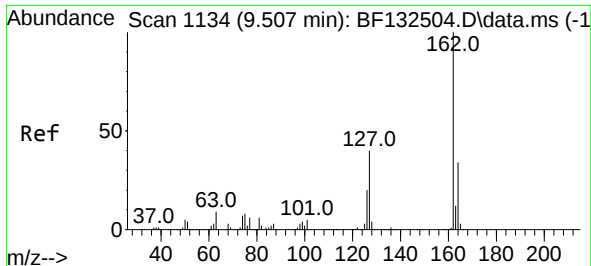
Ion Ratio Lower Upper

154 100

153 40.4 20.9 60.9

76 13.3 0.0 34.7





#47

2-Chloronaphthalene

Concen: 40.864 ng

RT: 9.463 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF132770.D

Acq: 13 Mar 2023 20:28

Instrument :

BNA_F

ClientSampleId :

030923-1MS

Tgt Ion:162 Resp: 1124091

Ion Ratio Lower Upper

162 100

127 39.4 32.3 48.5

164 34.3 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Christian

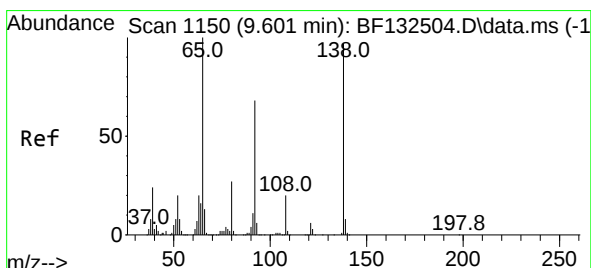
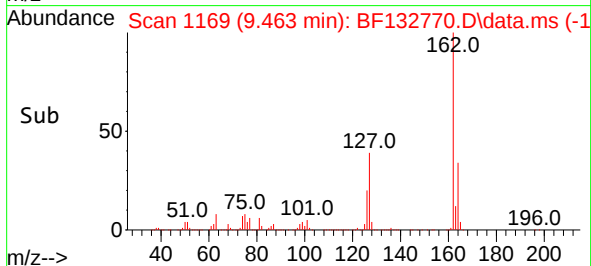
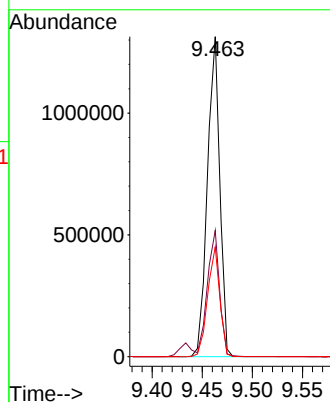
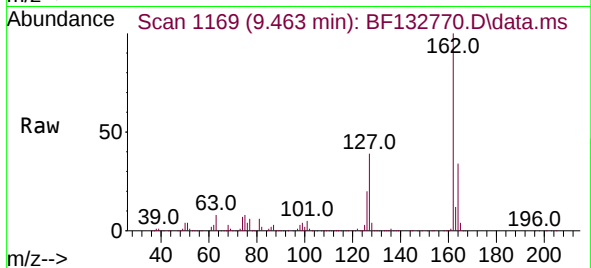
Giraldo

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Supervised By :Jagrut

Upadhyay

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#48

2-Nitroaniline

Concen: 36.992 ng

RT: 9.557 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF132770.D

Acq: 13 Mar 2023 20:28

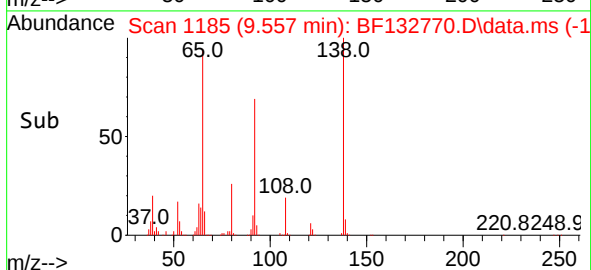
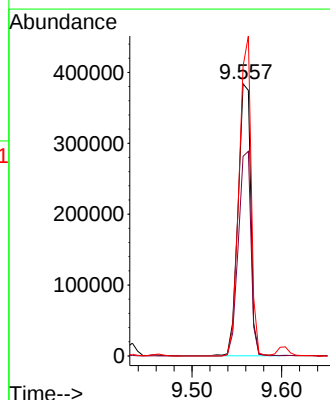
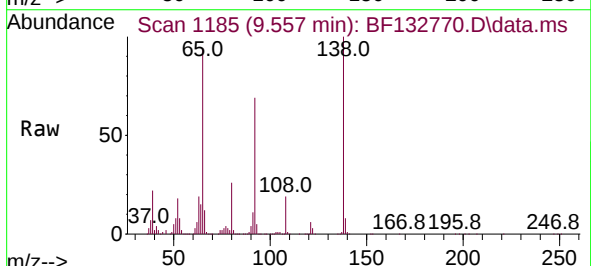
Tgt Ion: 65 Resp: 374781

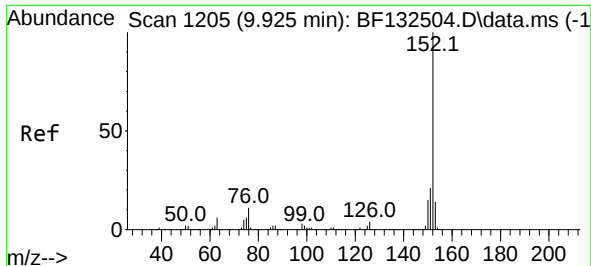
Ion Ratio Lower Upper

65 100

92 73.4 54.5 81.7

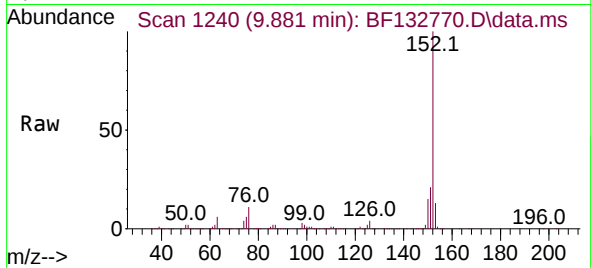
138 106.5 77.2 115.8





#49
Acenaphthylene
Concen: 39.642 ng
RT: 9.881 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

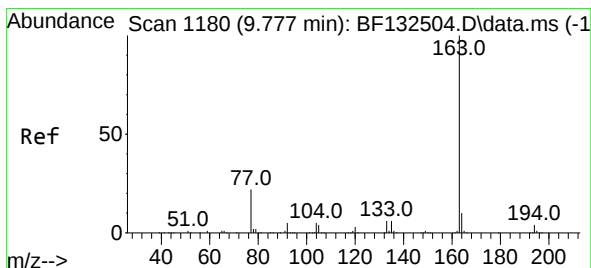
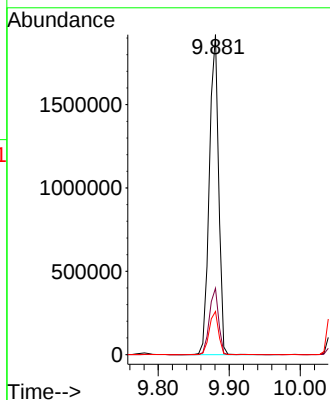
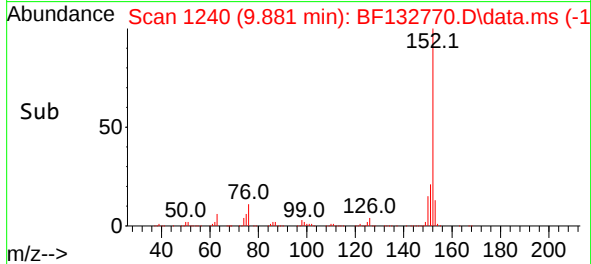
Instrument :
BNA_F
ClientSampleId :
030923-1MS



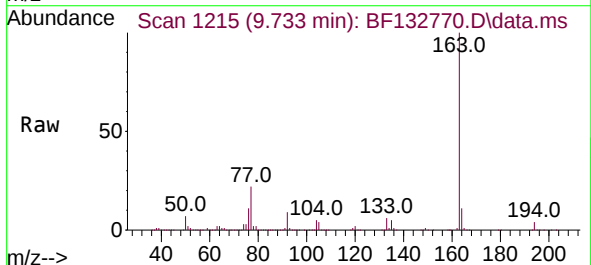
Tgt Ion:152 Resp: 1735528
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.5 11.0 16.6

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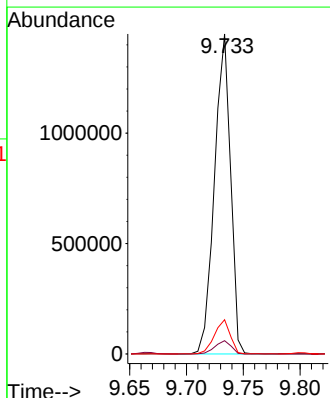
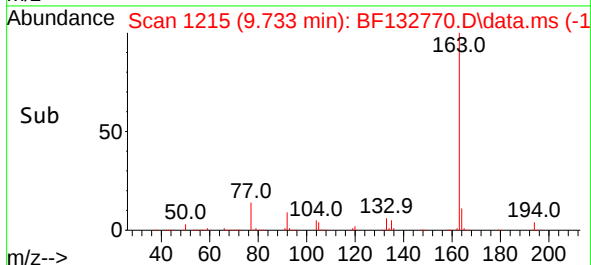
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023

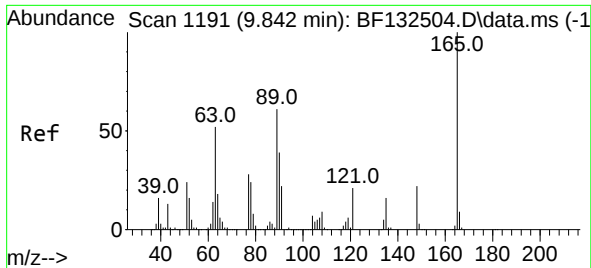


#50
Dimethylphthalate
Concen: 42.584 ng
RT: 9.733 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28



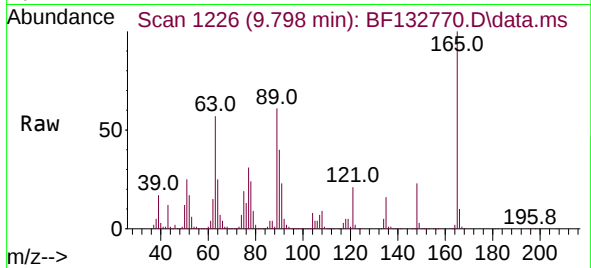
Tgt Ion:163 Resp: 1421355
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.7 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 43.047 ng
RT: 9.798 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

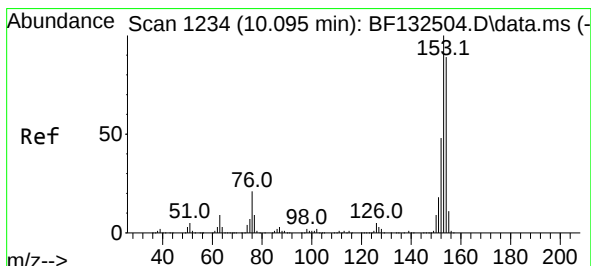
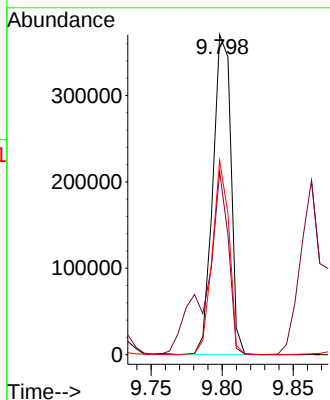
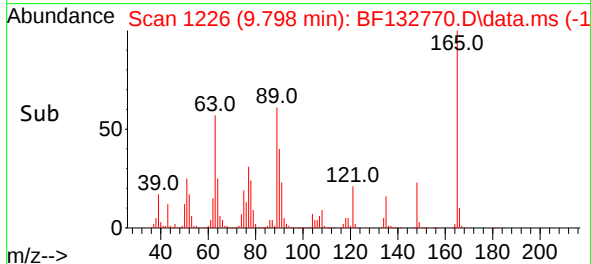
Instrument :
BNA_F
ClientSampleId :
030923-1MS



Tgt Ion:165 Resp: 327218
Ion Ratio Lower Upper
165 100
63 57.2 47.3 70.9
89 60.6 48.9 73.3

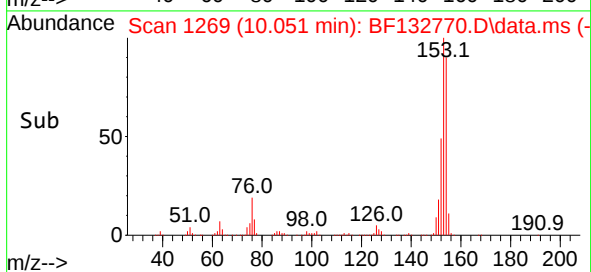
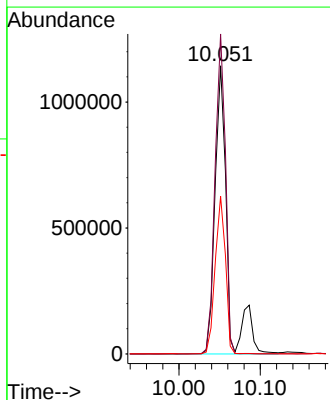
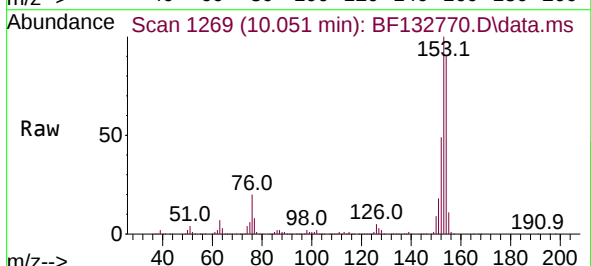
Manual Integrations
APPROVED

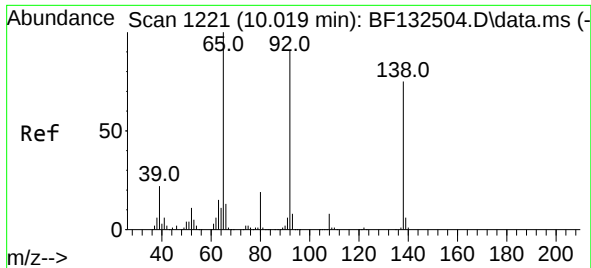
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023



#52
Acenaphthene
Concen: 43.122 ng m
RT: 10.051 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Tgt Ion:154 Resp: 1198790
Ion Ratio Lower Upper
154 100
153 111.1 89.8 134.8
152 54.7 43.3 64.9





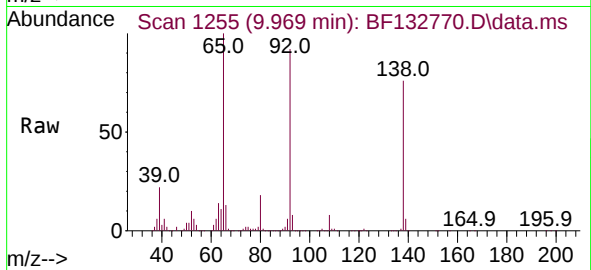
#53
3-Nitroaniline
Concen: 25.041 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Instrument :

BNA_F

ClientSampleId :

030923-1MS

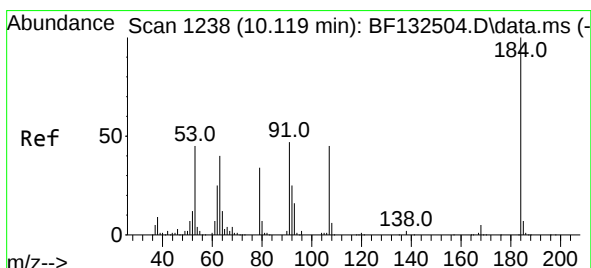
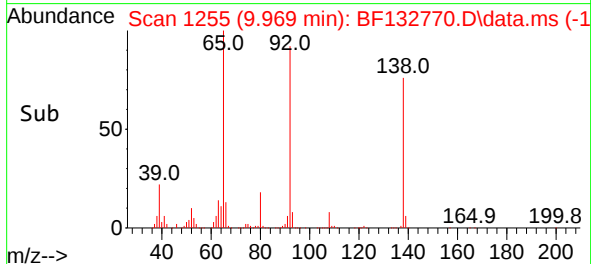
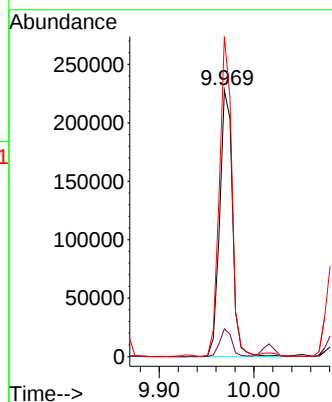


Tgt Ion:138 Resp: 212927
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 120.1 97.2 145.8

Manual Integrations
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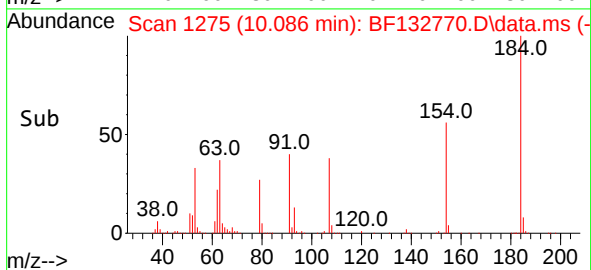
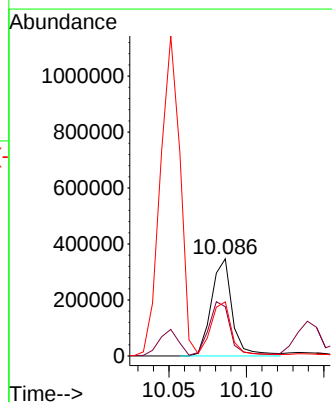
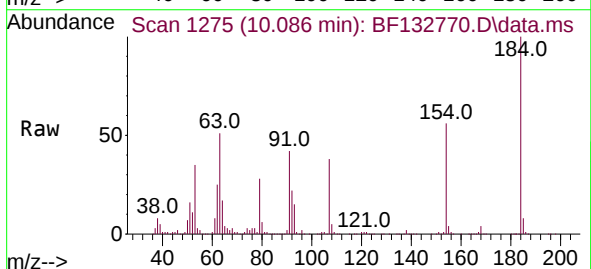
Reviewed By :Christian
Giraldo
03/14/2023

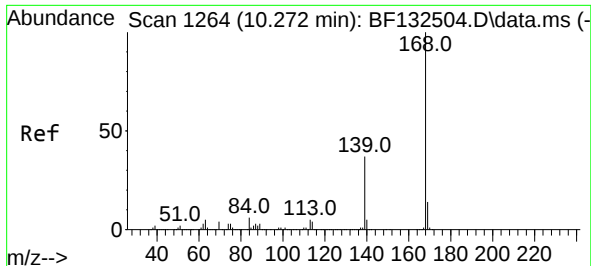
Supervised By :Jagrut
Upadhyay
03/14/2023



#54
2,4-Dinitrophenol
Concen: 69.030 ng
RT: 10.086 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

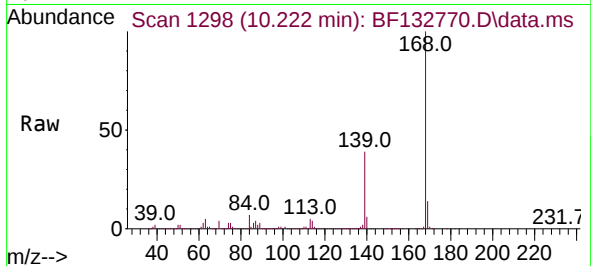
Tgt Ion:184 Resp: 329422
Ion Ratio Lower Upper
184 100
63 50.8 51.4 77.2#
154 55.7 48.3 72.5





#55
Dibenzenofuran
Concen: 39.284 ng
RT: 10.222 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

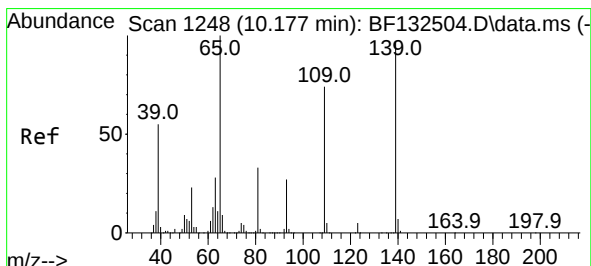
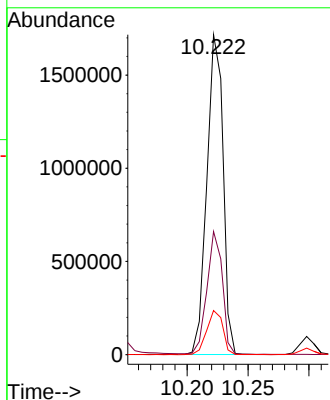
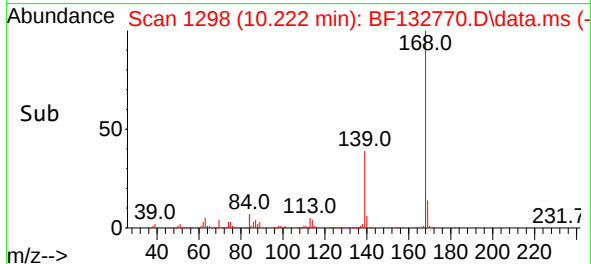
Instrument :
BNA_F
ClientSampleId :
030923-1MS



Tgt Ion:168 Resp: 1592086
Ion Ratio Lower Upper
168 100
139 38.5 29.8 44.6
169 13.8 10.9 16.3

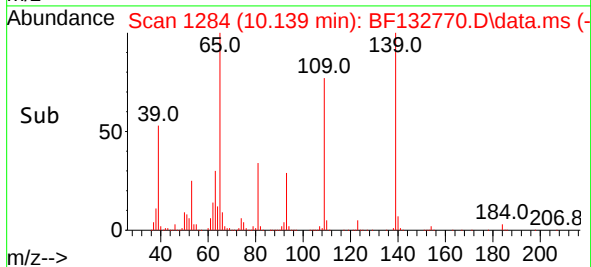
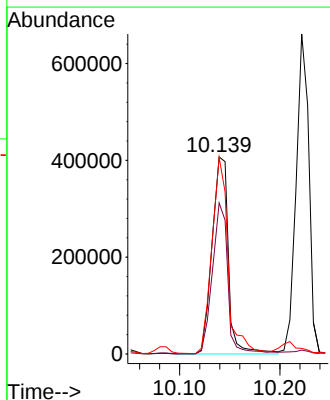
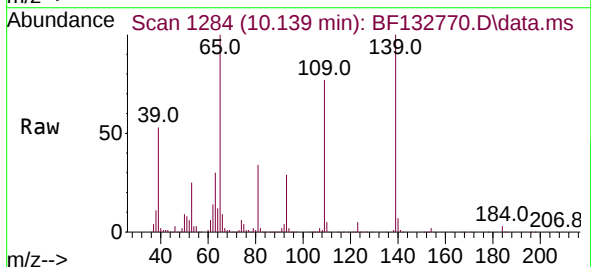
Manual Integrations
APPROVED

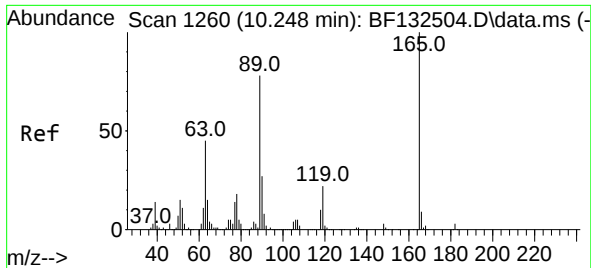
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023



#56
4-Nitrophenol
Concen: 72.872 ng
RT: 10.139 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

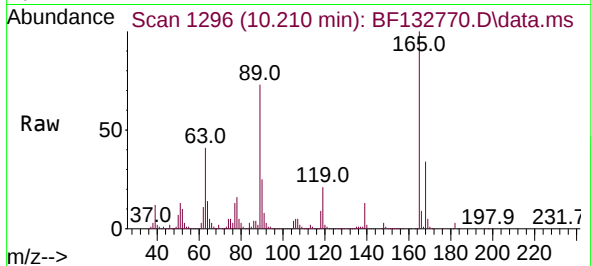
Tgt Ion:139 Resp: 462104
Ion Ratio Lower Upper
139 100
109 76.6 56.7 96.7
65 99.8 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 41.850 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Instrument :
BNA_F
ClientSampleId :
030923-1MS

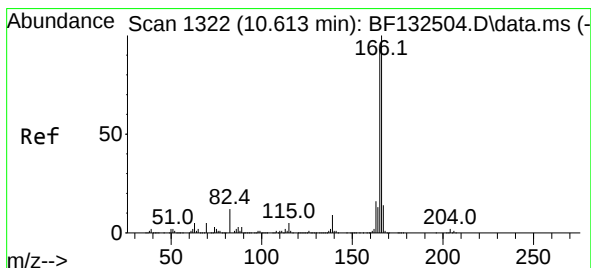
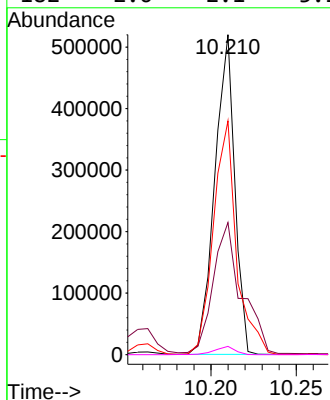


Tgt Ion:165 Resp: 423216
Ion Ratio Lower Upper
165 100
63 41.3 36.5 54.7
89 73.0 62.4 93.6
182 2.6 2.1 3.1

Manual Integrations
APPROVED

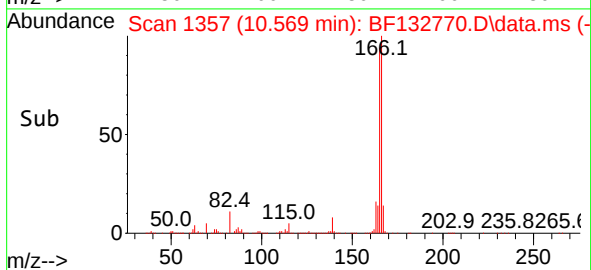
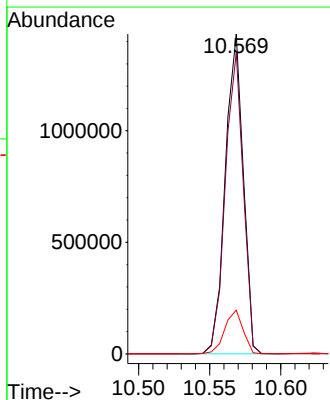
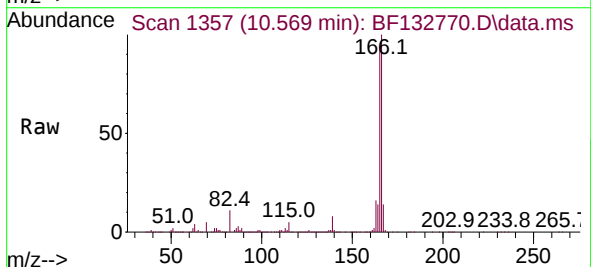
Reviewed By :Christian
Giraldo
03/14/2023

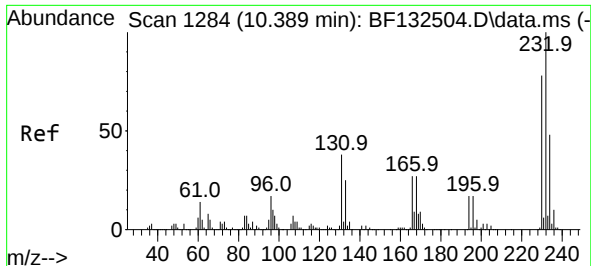
Supervised By :Jagrut
Upadhyay
03/14/2023



#58
Fluorene
Concen: 40.729 ng
RT: 10.569 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Tgt Ion:166 Resp: 1262595
Ion Ratio Lower Upper
166 100
165 94.2 74.2 111.4
167 13.7 11.1 16.7





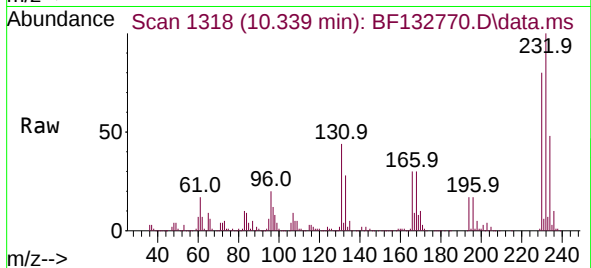
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.836 ng
RT: 10.339 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Instrument :

BNA_F

ClientSampleId :

030923-1MS

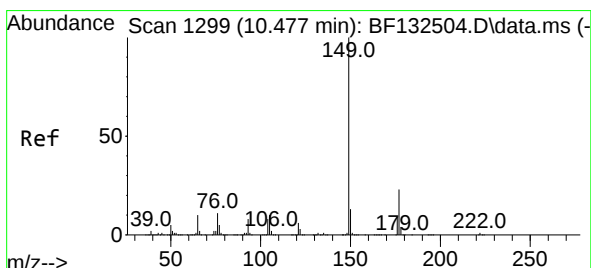
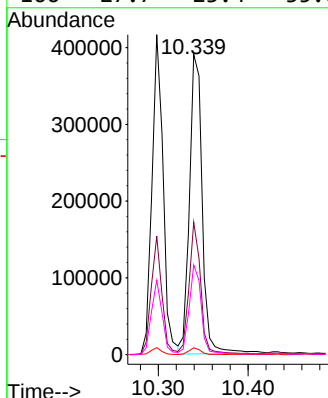
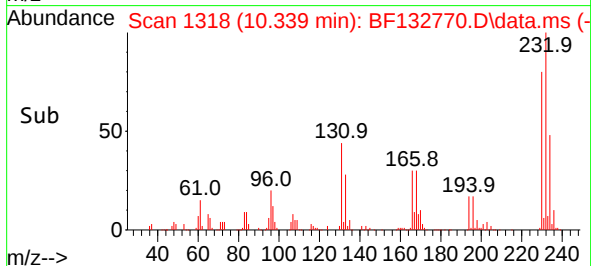


Tgt Ion:232 Resp: 386290
Ion Ratio Lower Upper
232 100
131 39.5 33.8 50.8
130 2.0 1.7 2.5
166 27.7 23.4 35.0

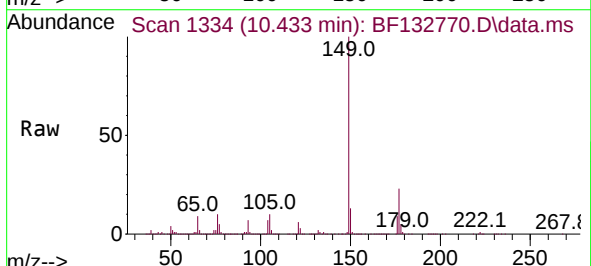
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
03/14/2023

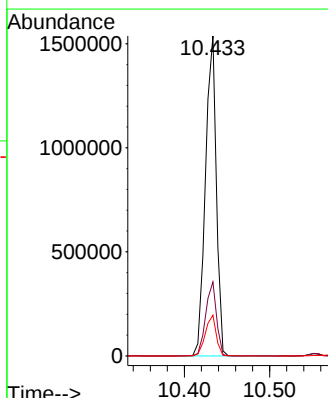
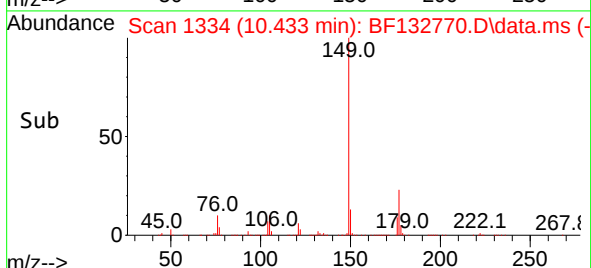
Supervised By :Jagrut
Upadhyay
03/14/2023

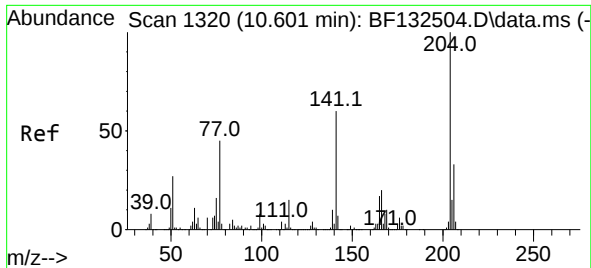


#60
Diethylphthalate
Concen: 41.812 ng
RT: 10.433 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28



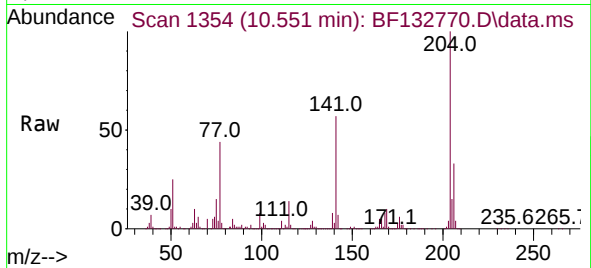
Tgt Ion:149 Resp: 1363003
Ion Ratio Lower Upper
149 100
177 23.2 18.1 27.1
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.410 ng
RT: 10.551 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

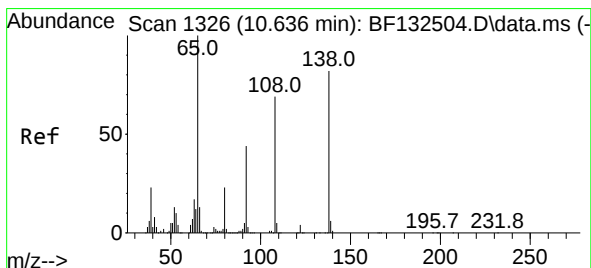
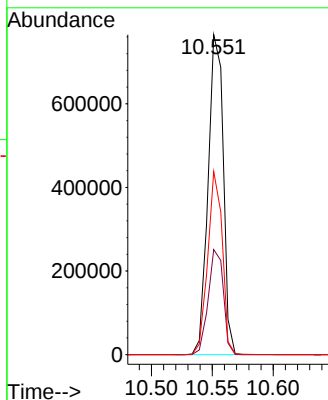
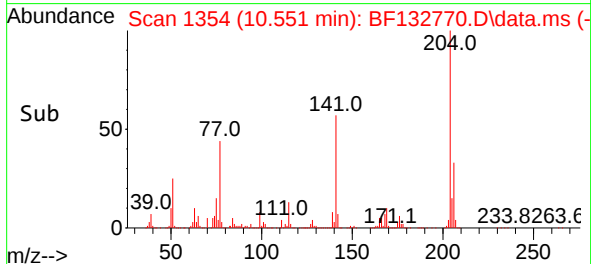
Instrument :
BNA_F
ClientSampleId :
030923-1MS



Tgt Ion:204 Resp: 665948
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 57.2 47.8 71.8

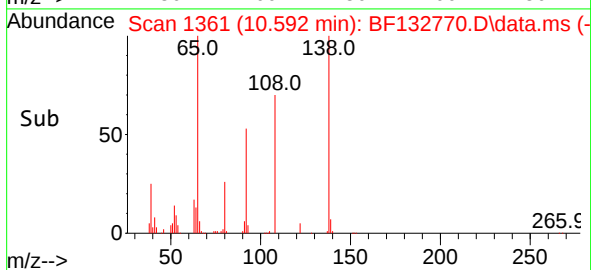
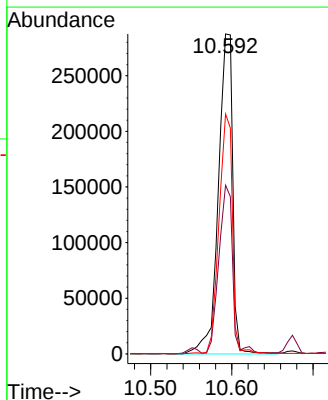
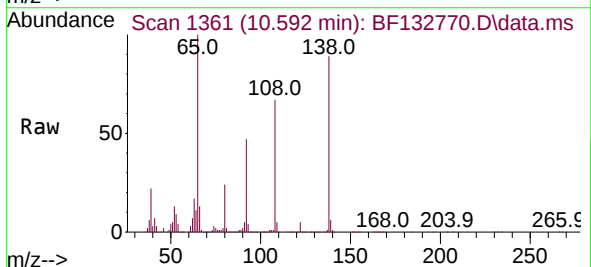
Manual Integrations
APPROVED

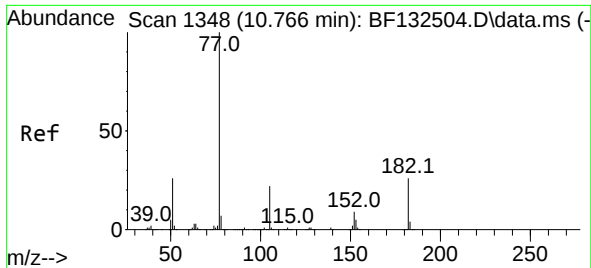
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023



#62
4-Nitroaniline
Concen: 42.056 ng
RT: 10.592 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

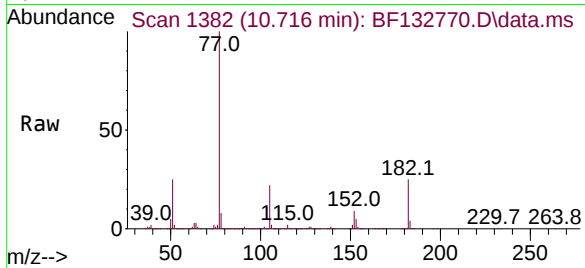
Tgt Ion:138 Resp: 351028
Ion Ratio Lower Upper
138 100
92 52.7 33.8 73.8
108 75.0 63.7 103.7





#63
Azobenzene
Concen: 45.545 ng
RT: 10.716 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

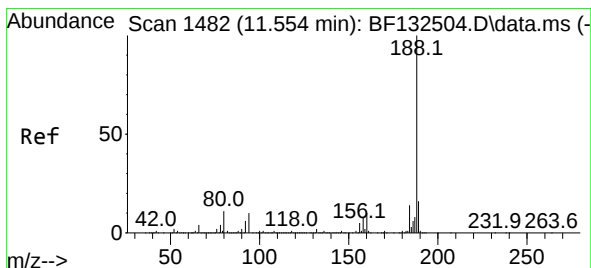
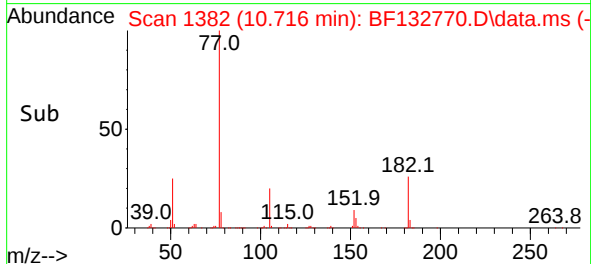
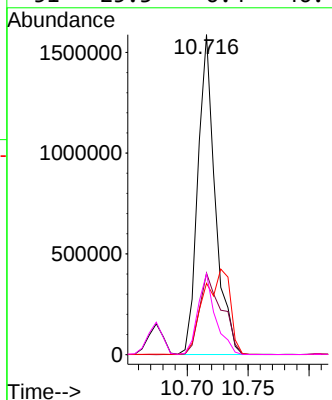
Instrument :
BNA_F
ClientSampleId :
030923-1MS



Tgt Ion: 77 Resp: 1572392
Ion Ratio Lower Upper
77 100
182 25.5 5.5 45.5
105 22.3 1.8 41.8
51 25.3 6.4 46.4

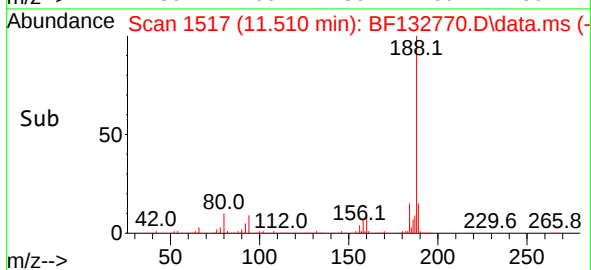
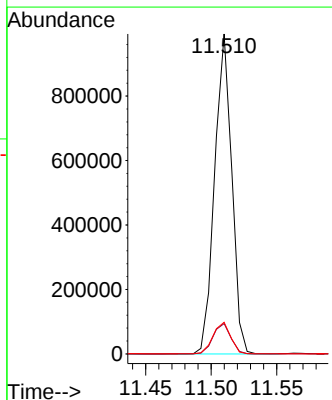
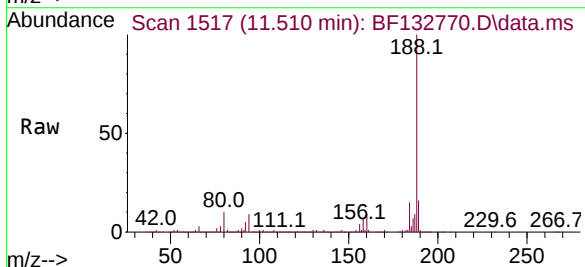
Manual Integrations
APPROVED

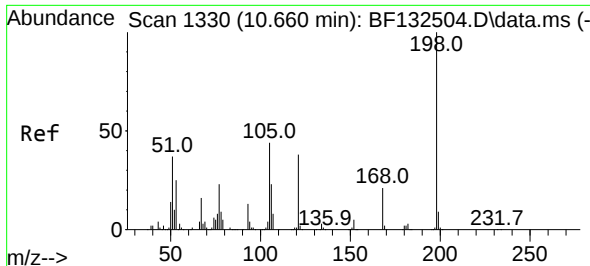
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

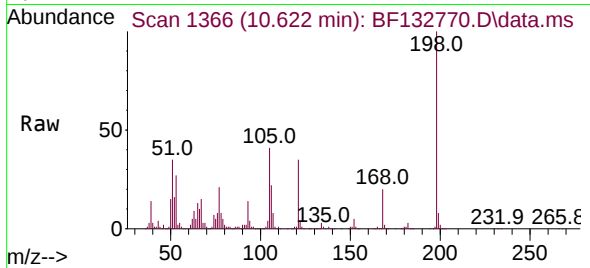
Tgt Ion:188 Resp: 902116
Ion Ratio Lower Upper
188 100
94 9.5 8.3 12.5
80 9.9 8.7 13.1





#65
4,6-Dinitro-2-methylphenol
Concen: 41.281 ng
RT: 10.622 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

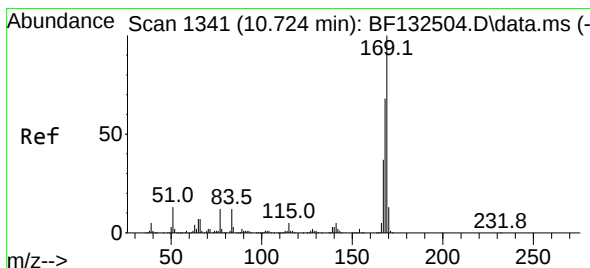
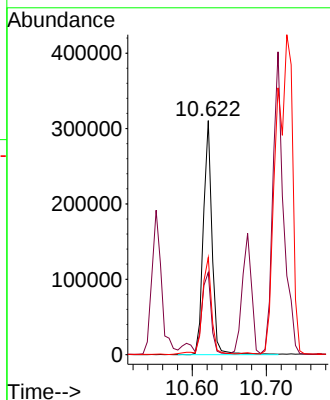
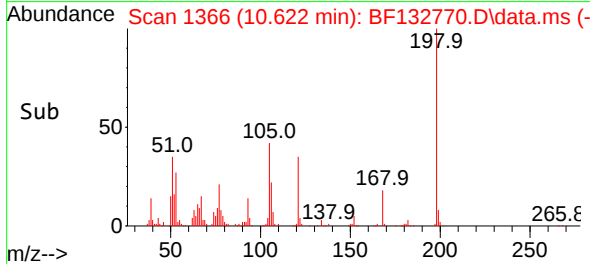
Instrument :
BNA_F
ClientSampleId :
030923-1MS



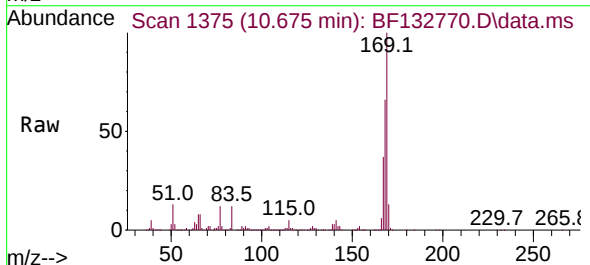
Tgt Ion:198 Resp: 252097
Ion Ratio Lower Upper
198 100
51 35.1 20.6 60.6
105 41.5 24.3 64.3

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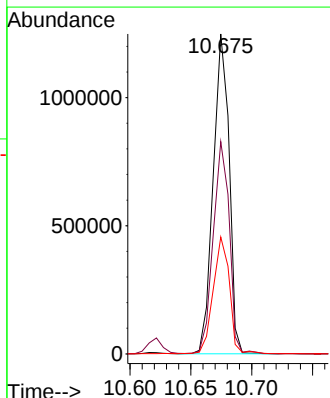
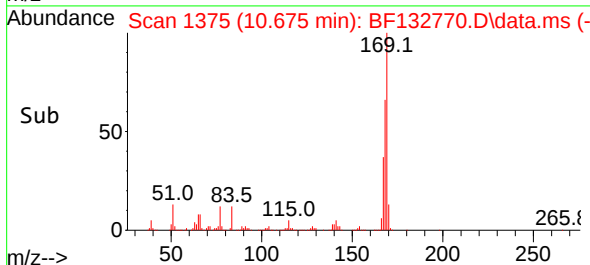
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023

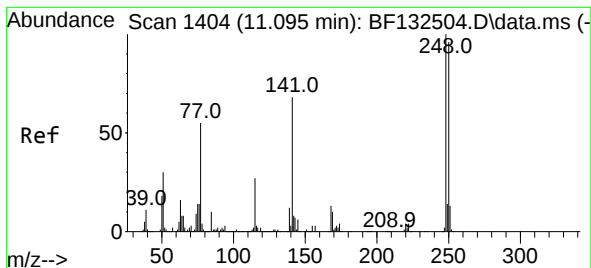


#66
n-Nitrosodiphenylamine
Concen: 40.334 ng
RT: 10.675 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28



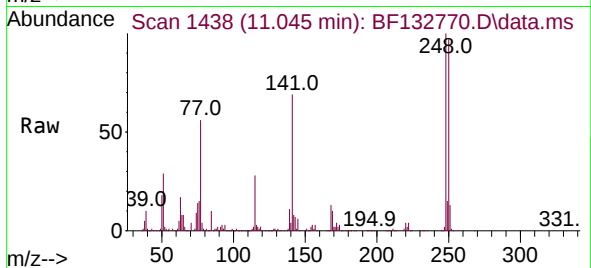
Tgt Ion:169 Resp: 1134366
Ion Ratio Lower Upper
169 100
168 66.3 54.2 81.4
167 36.5 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 42.286 ng
RT: 11.045 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

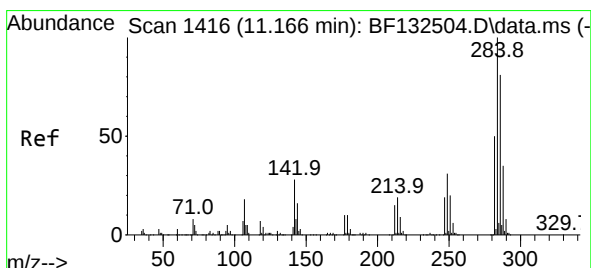
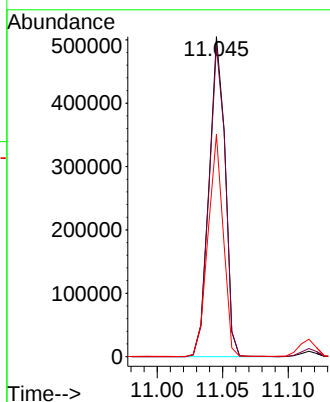
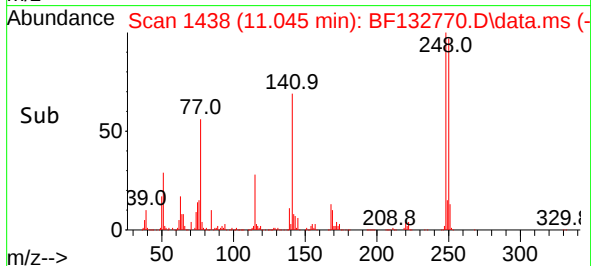
Instrument :
BNA_F
ClientSampleId :
030923-1MS



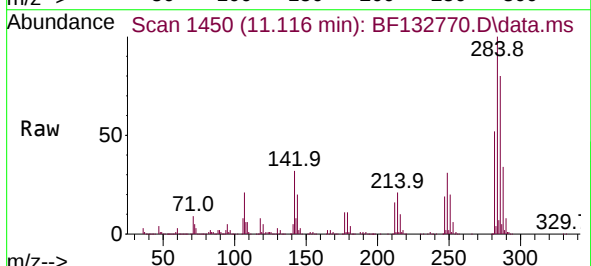
Tgt Ion:248 Resp: 431504
Ion Ratio Lower Upper
248 100
250 97.0 77.0 115.4
141 69.4 54.2 81.2

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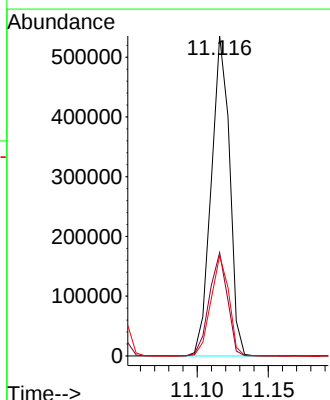
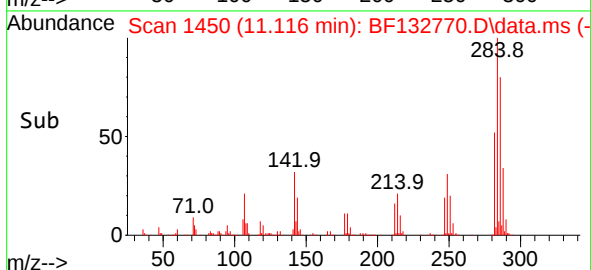
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023

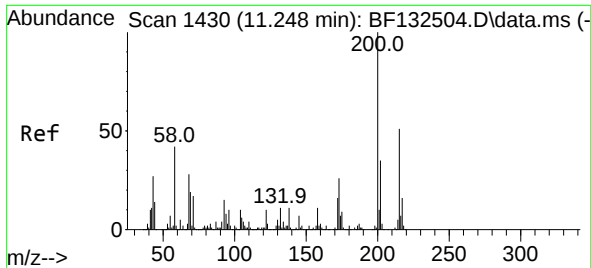


#68
Hexachlorobenzene
Concen: 44.764 ng
RT: 11.116 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28



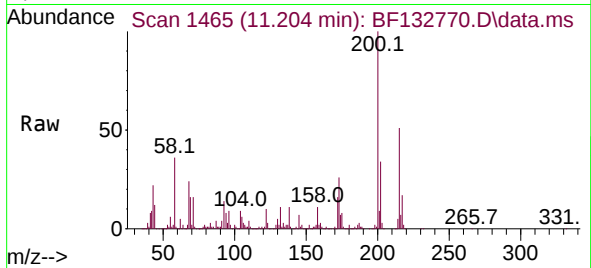
Tgt Ion:284 Resp: 480647
Ion Ratio Lower Upper
284 100
142 32.3 22.2 33.4
249 31.3 24.9 37.3





#69
Atrazine
Concen: 47.458 ng
RT: 11.204 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

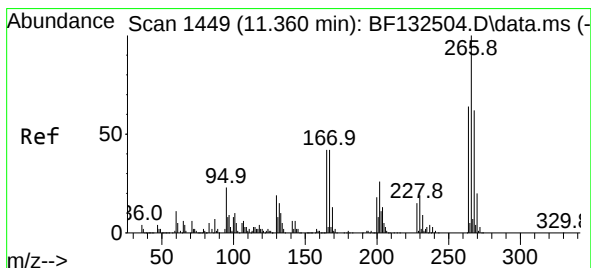
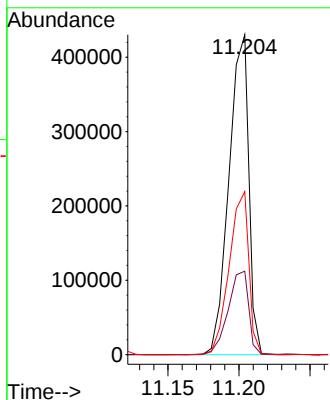
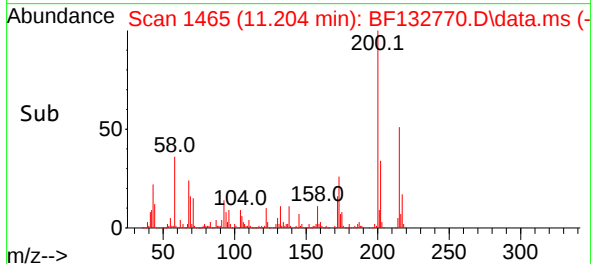
Instrument :
BNA_F
ClientSampleId :
030923-1MS



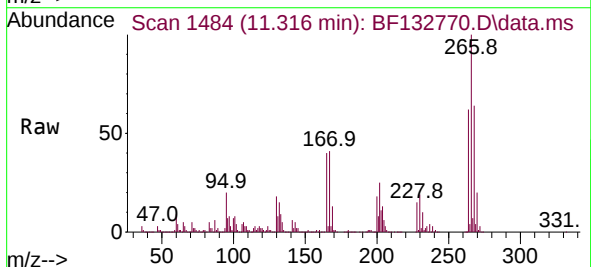
Tgt Ion:200 Resp: 416680
Ion Ratio Lower Upper
200 100
173 26.1 6.4 46.4
215 50.9 31.0 71.0

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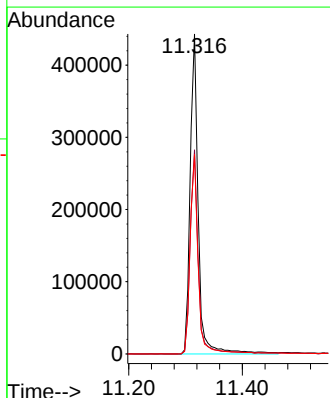
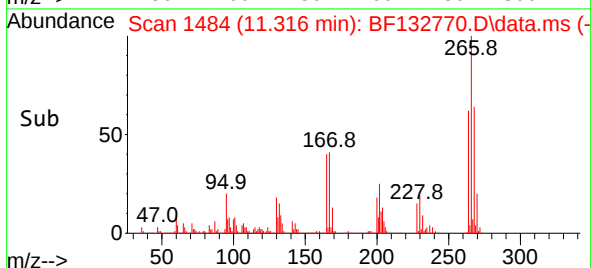
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023

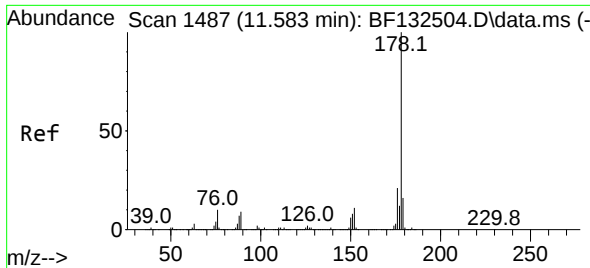


#70
Pentachlorophenol
Concen: 68.445 ng
RT: 11.316 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28



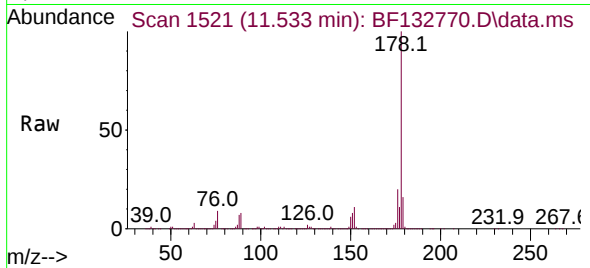
Tgt Ion:266 Resp: 437247
Ion Ratio Lower Upper
266 100
268 63.8 49.8 74.6
264 62.4 50.9 76.3





#71
Phenanthrene
Concen: 40.758 ng
RT: 11.533 min Scan# 11530
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

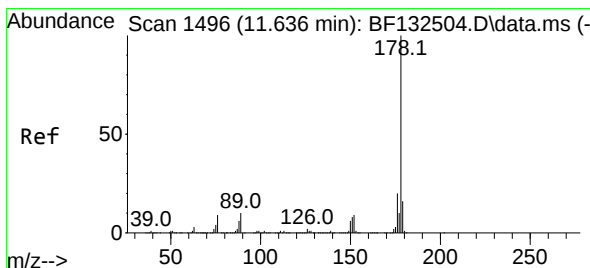
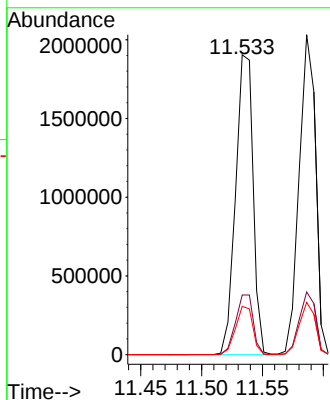
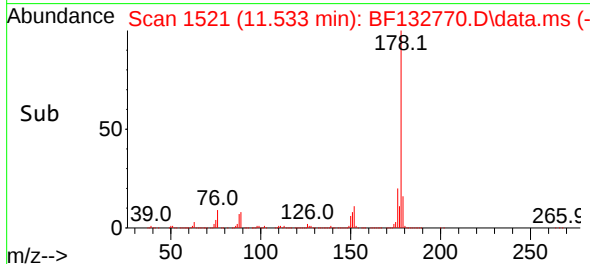
Instrument :
BNA_F
ClientSampleId :
030923-1MS



Tgt Ion:178 Resp: 1904798
Ion Ratio Lower Upper
178 100
176 19.9 16.5 24.7
179 16.1 13.0 19.6

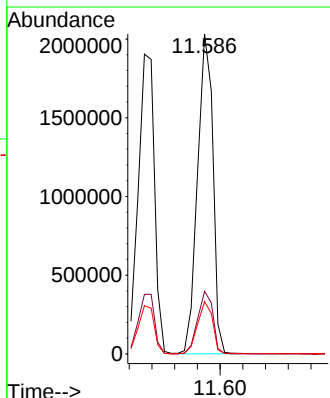
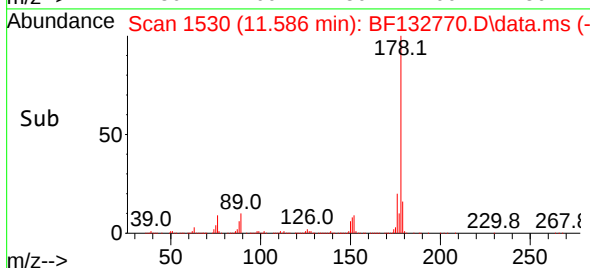
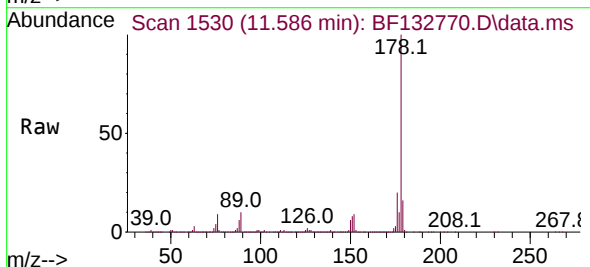
Manual Integrations
APPROVED

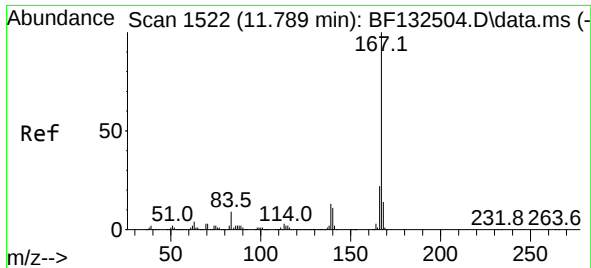
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023



#72
Anthracene
Concen: 39.687 ng
RT: 11.586 min Scan# 1530
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

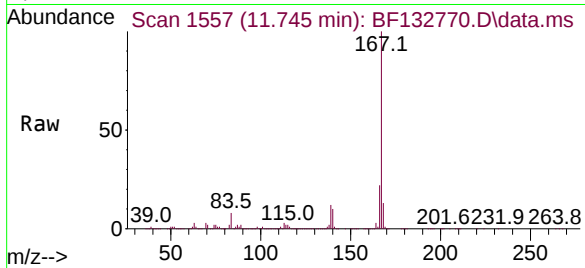
Tgt Ion:178 Resp: 1909950
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.4 12.5 18.7





#73
 Carbazole
 Concen: 39.475 ng
 RT: 11.745 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132770.D
 Acq: 13 Mar 2023 20:28

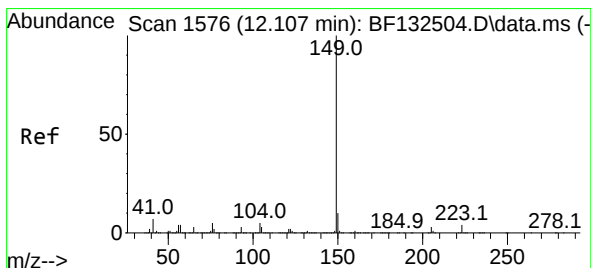
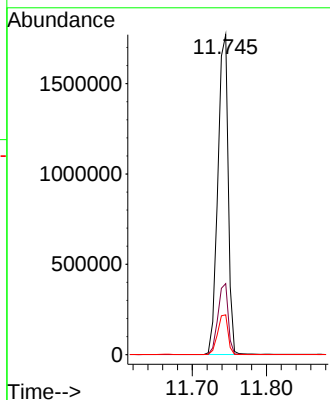
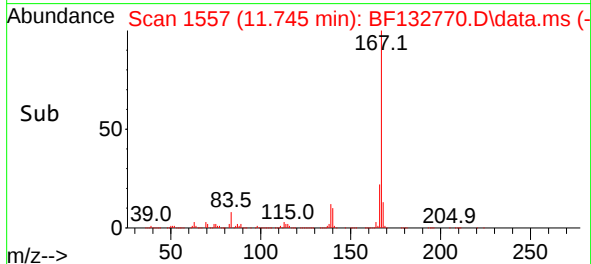
Instrument :
 BNA_F
 ClientSampleId :
 030923-1MS



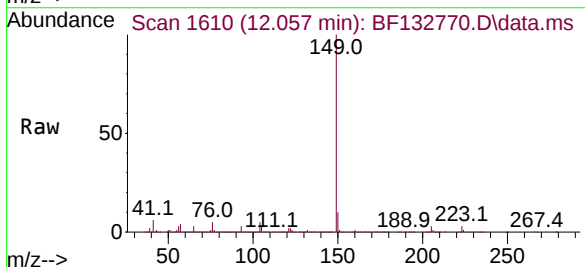
Tgt Ion:167 Resp: 1712829
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 12.4 10.5 15.7

Manual Integrations
 APPROVED

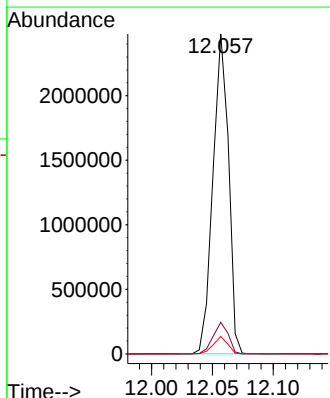
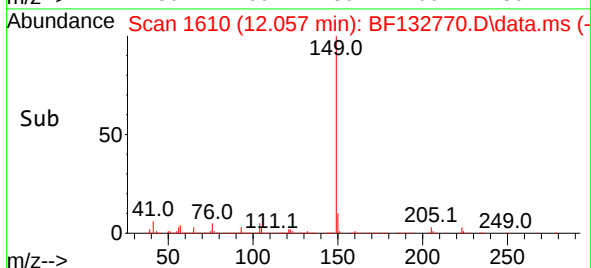
Reviewed By :Christian
 Giraldo
 03/14/2023
 Supervised By :Jagrut
 Upadhyay
 03/14/2023

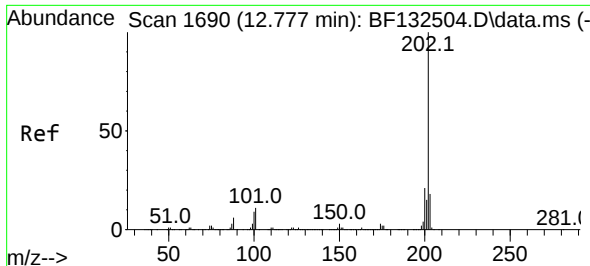


#74
 Di-n-butylphthalate
 Concen: 43.450 ng
 RT: 12.057 min Scan# 1610
 Delta R.T. -0.006 min
 Lab File: BF132770.D
 Acq: 13 Mar 2023 20:28



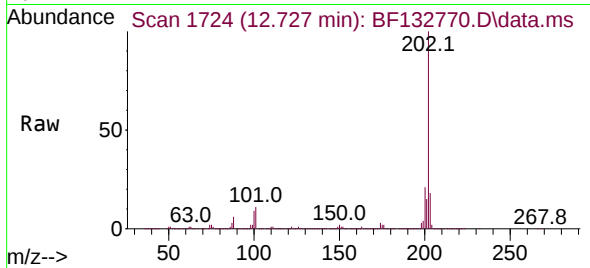
Tgt Ion:149 Resp: 2211492
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 41.015 ng
RT: 12.727 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

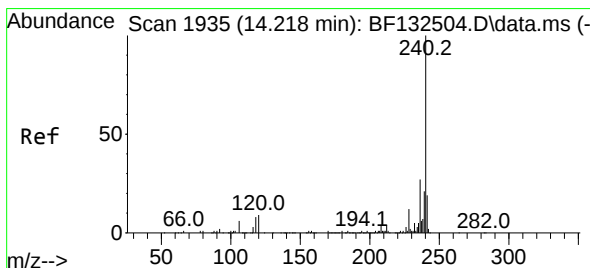
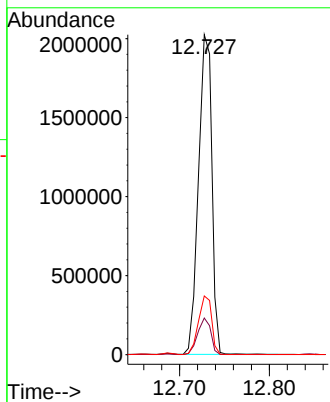
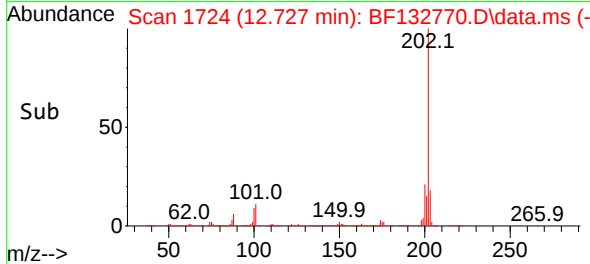
Instrument :
BNA_F
ClientSampleId :
030923-1MS



Tgt Ion:202 Resp: 2095474
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 18.3 0.0 38.0

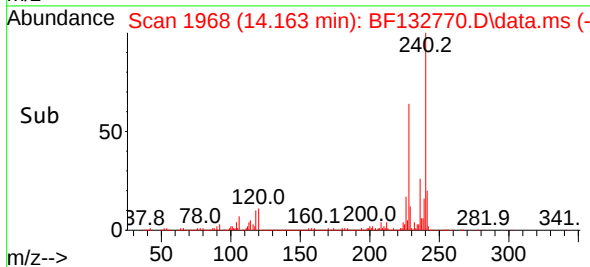
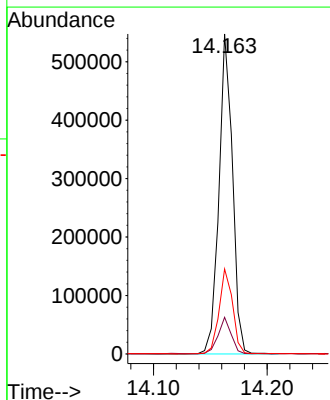
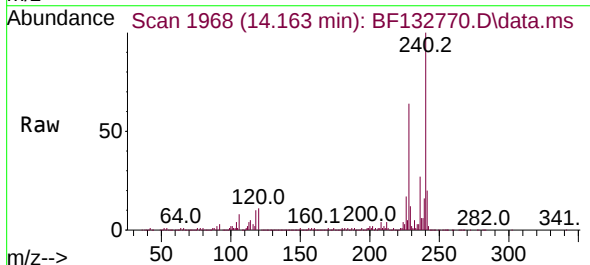
Manual Integrations
APPROVED

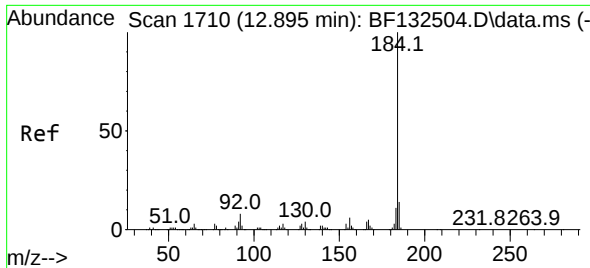
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

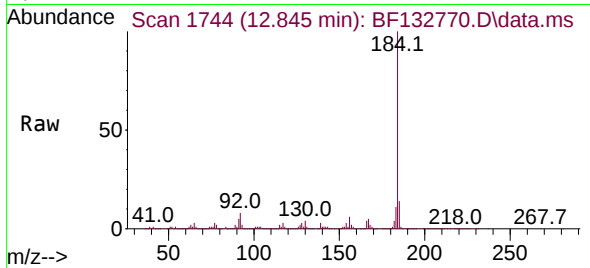
Tgt Ion:240 Resp: 451844
Ion Ratio Lower Upper
240 100
120 11.4 7.2 10.8#
236 26.5 21.8 32.6





#77
Benzidine
Concen: 48.039 ng
RT: 12.845 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

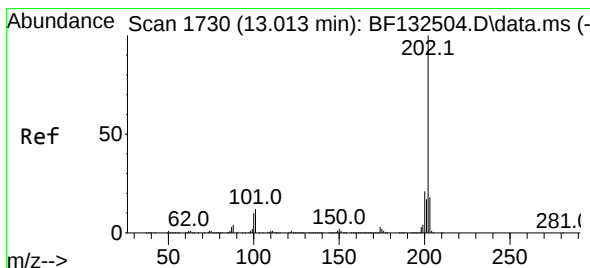
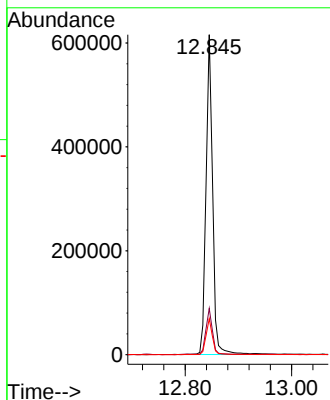
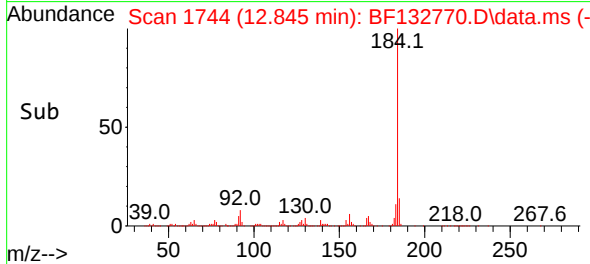
Instrument :
BNA_F
ClientSampleId :
030923-1MS



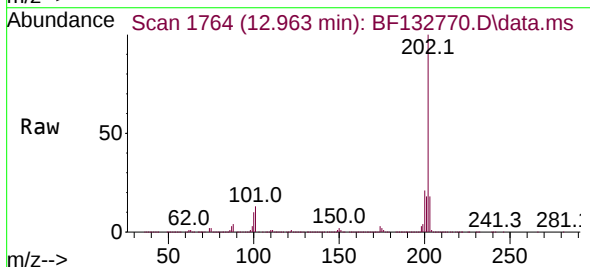
Tgt Ion:184 Resp: 528386
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.2 8.7 13.1

Manual Integrations
APPROVED

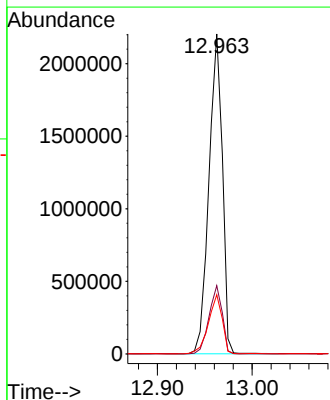
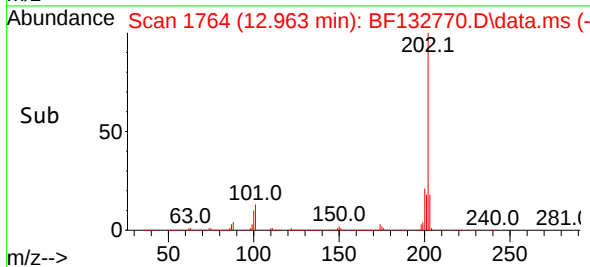
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023

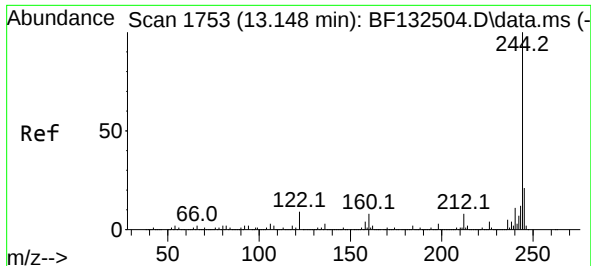


#78
Pyrene
Concen: 52.967 ng
RT: 12.963 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28



Tgt Ion:202 Resp: 2175904
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 18.5 14.6 21.8





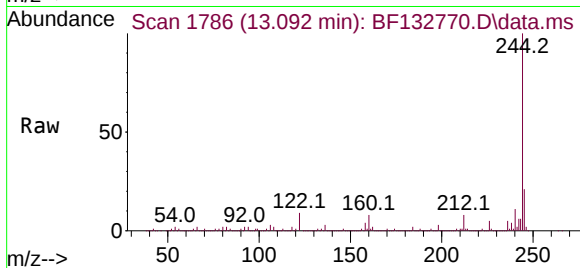
#79
 Terphenyl-d14
 Concen: 78.613 ng
 RT: 13.092 min Scan# 1753
 Delta R.T. -0.006 min
 Lab File: BF132770.D
 Acq: 13 Mar 2023 20:28

Instrument :

BNA_F

ClientSampleId :

030923-1MS

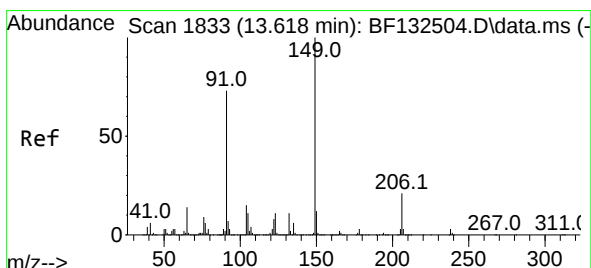
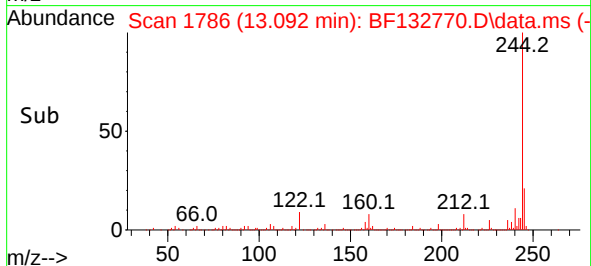
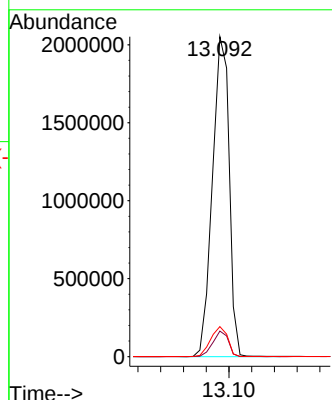


Tgt Ion:244 Resp: 2100907
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.4 7.5 11.3

Manual Integrations
 APPROVED

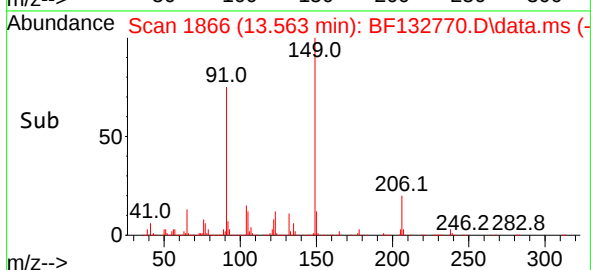
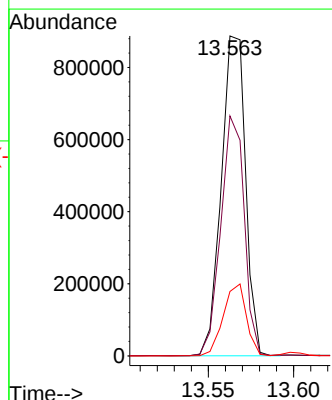
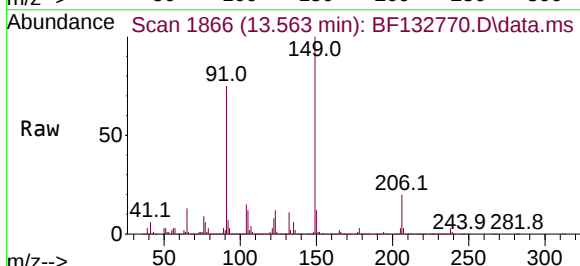
Reviewed By :Christian
 Giraldo
 03/14/2023

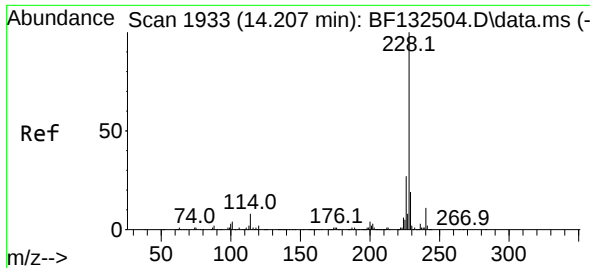
Supervised By :Jagrut
 Upadhyay
 03/14/2023



#80
 Butylbenzylphthalate
 Concen: 54.268 ng
 RT: 13.563 min Scan# 1866
 Delta R.T. -0.006 min
 Lab File: BF132770.D
 Acq: 13 Mar 2023 20:28

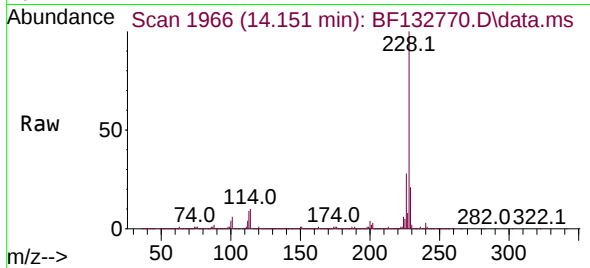
Tgt Ion:149 Resp: 879744
 Ion Ratio Lower Upper
 149 100
 91 75.0 58.4 87.6
 206 20.1 16.8 25.2





#81
Benzo(a)anthracene
Concen: 43.708 ng
RT: 14.151 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

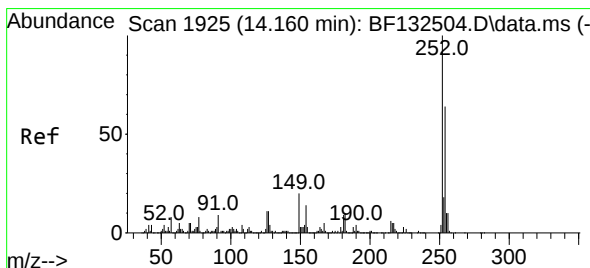
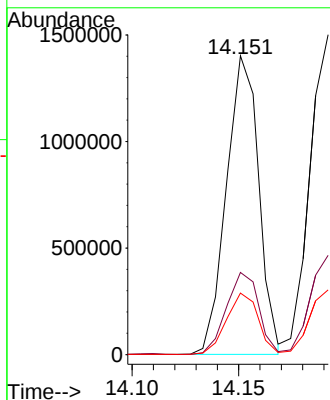
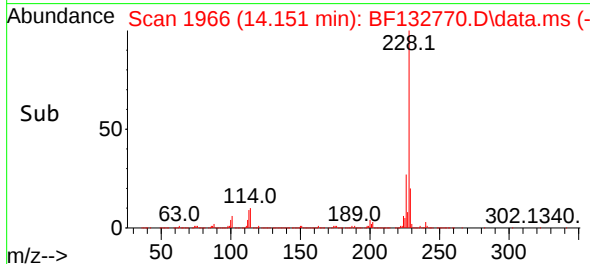
Instrument :
BNA_F
ClientSampleId :
030923-1MS



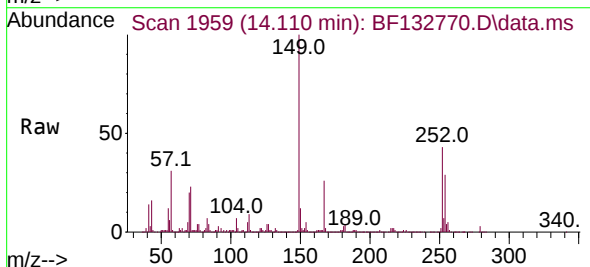
Tgt Ion:228 Resp: 1477662
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 20.6 15.4 23.2

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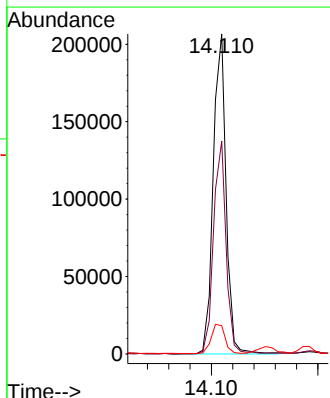
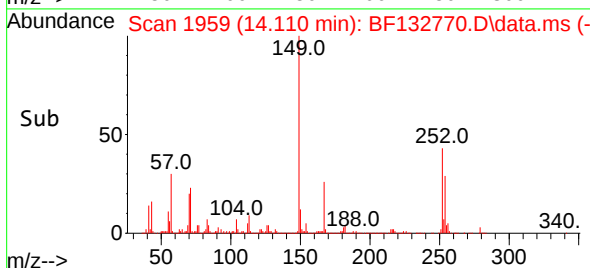
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023

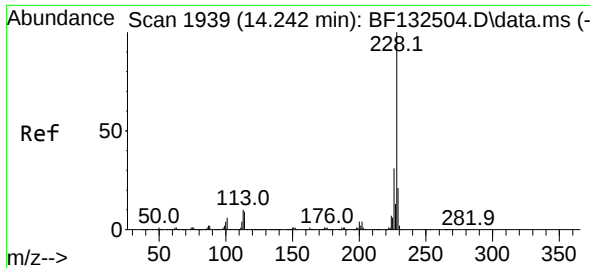


#82
3,3'-Dichlorobenzidine
Concen: 17.376 ng
RT: 14.110 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28



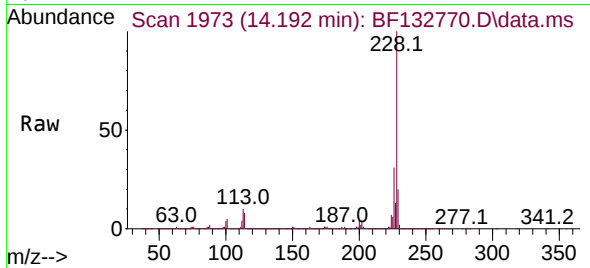
Tgt Ion:252 Resp: 173187
Ion Ratio Lower Upper
252 100
254 66.5 51.4 77.2
126 8.8 8.9 13.3





#83
Chrysene
Concen: 42.936 ng
RT: 14.192 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

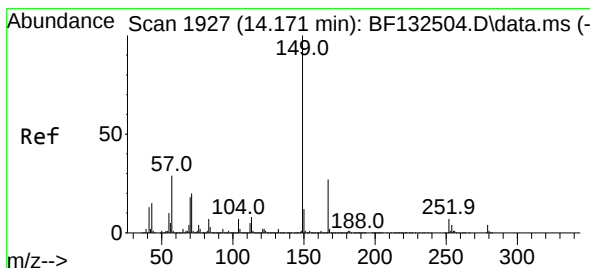
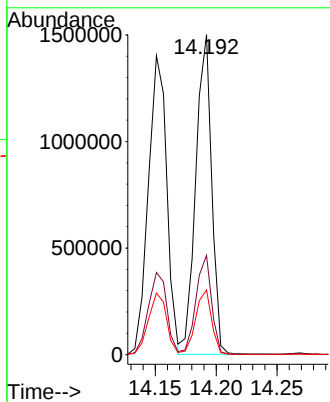
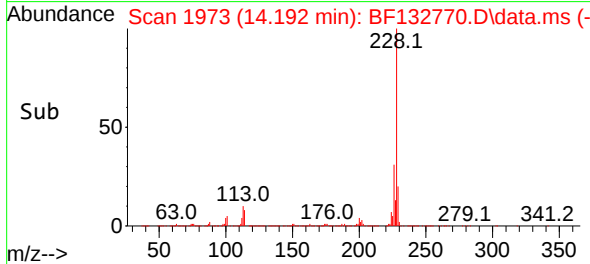
Instrument :
BNA_F
ClientSampleId :
030923-1MS



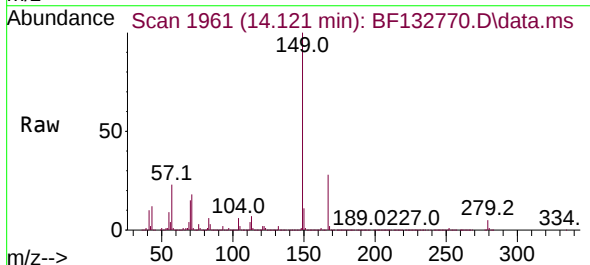
Tgt Ion:228 Resp: 1357391
Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.6
229 20.2 16.4 24.6

Manual Integrations
APPROVED

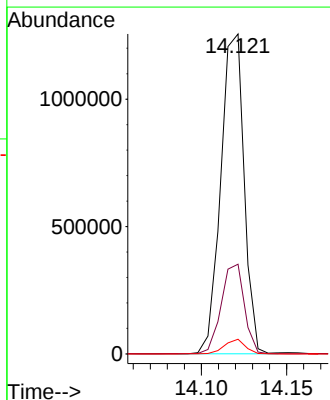
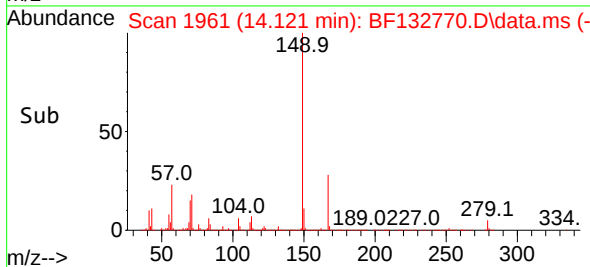
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023

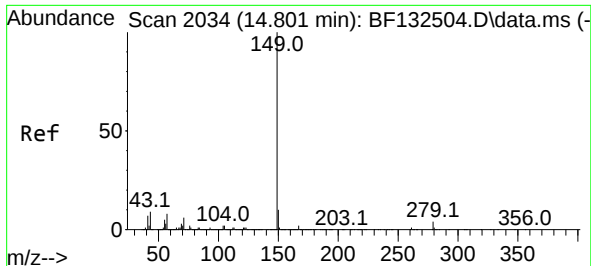


#84
Bis(2-ethylhexyl)phthalate
Concen: 60.067 ng
RT: 14.121 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28



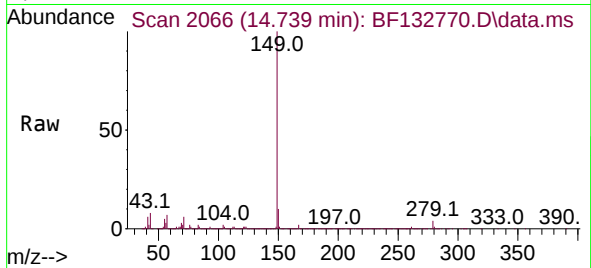
Tgt Ion:149 Resp: 1196217
Ion Ratio Lower Upper
149 100
167 28.0 21.8 32.6
279 4.6 3.0 4.6#





#85
Di-n-octyl phthalate
Concen: 55.885 ng
RT: 14.739 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

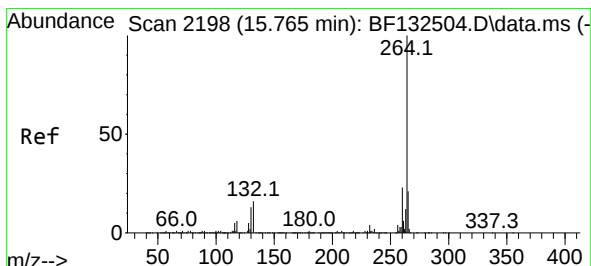
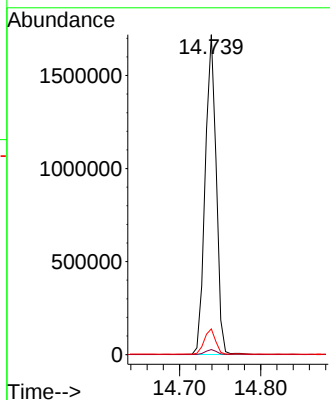
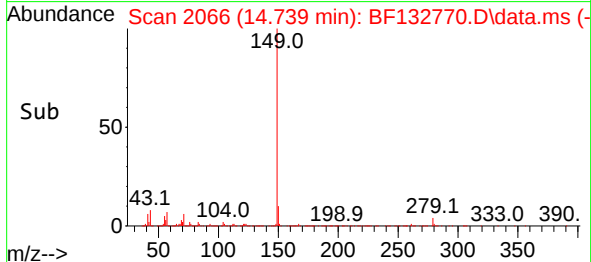
Instrument :
BNA_F
ClientSampleId :
030923-1MS



Tgt Ion:149 Resp: 1626340
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.0 7.2 10.8

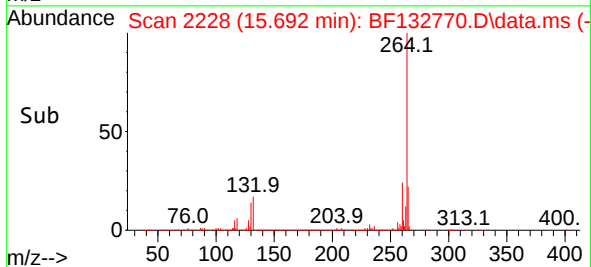
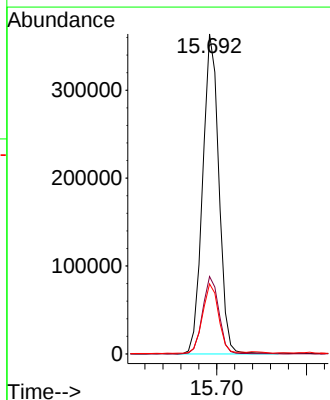
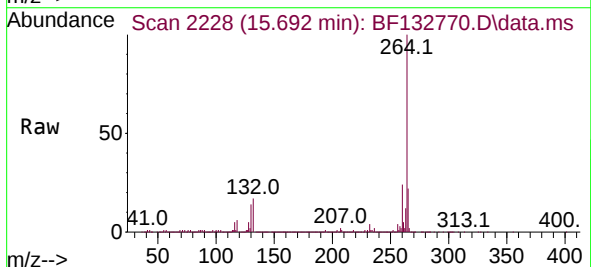
Manual Integrations
APPROVED

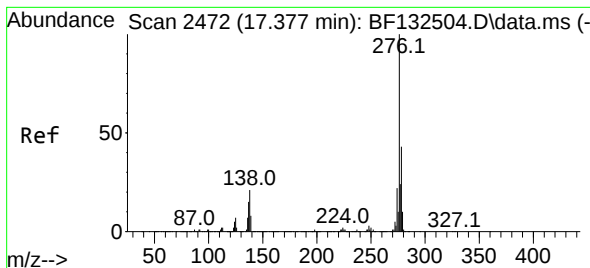
Reviewed By :Christian
Giraldo
03/14/2023
Supervised By :Jagrut
Upadhyay
03/14/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.692 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Tgt Ion:264 Resp: 456013
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 21.9 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.046 ng

RT: 17.280 min Scan# 2472

Delta R.T. -0.012 min

Lab File: BF132770.D

Acq: 13 Mar 2023 20:28

Instrument :

BNA_F

ClientSampleId :

030923-1MS

Tgt Ion:276 Resp: 137584

Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.4

277 25.5 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Christian

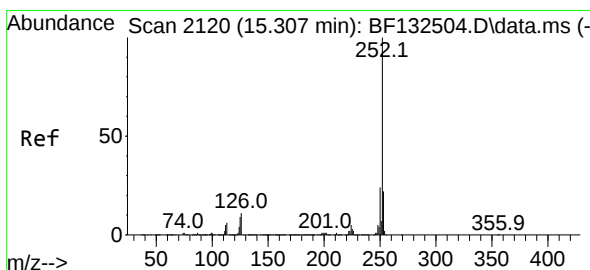
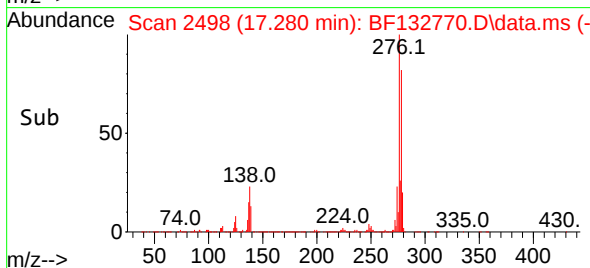
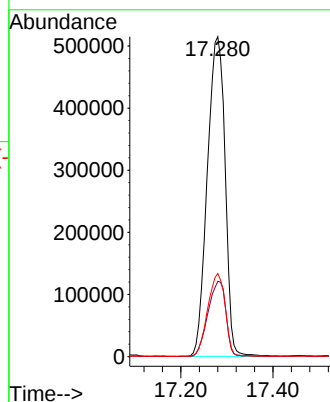
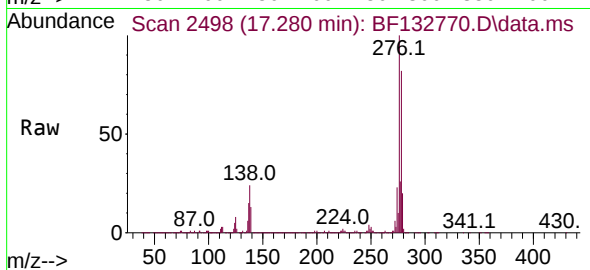
Giraldo

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Upadhyay

03/14/2023



#88

Benzo(b)fluoranthene

Concen: 41.737 ng

RT: 15.239 min Scan# 2151

Delta R.T. -0.006 min

Lab File: BF132770.D

Acq: 13 Mar 2023 20:28

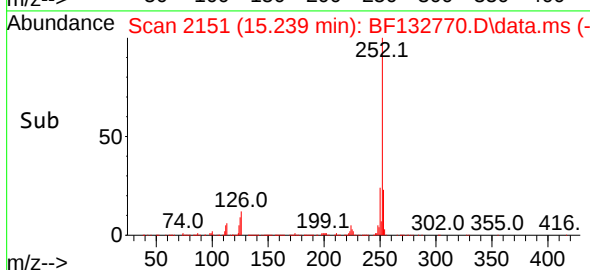
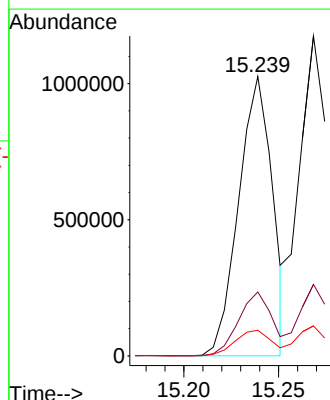
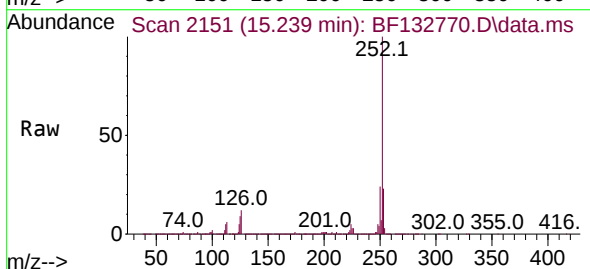
Tgt Ion:252 Resp: 1275458

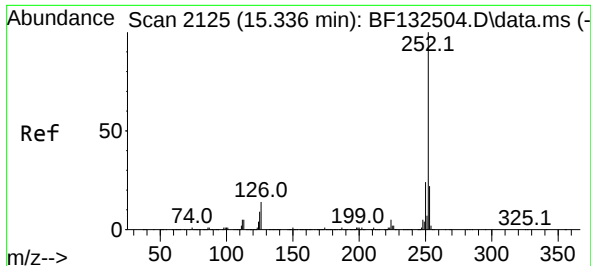
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 9.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 40.833 ng

RT: 15.268 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF132770.D

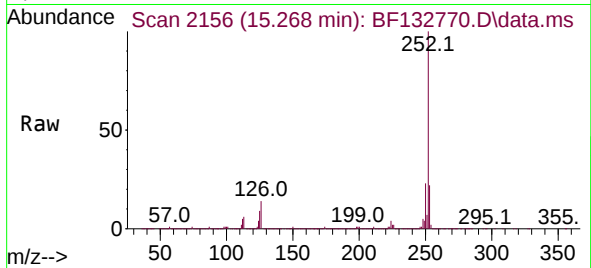
Acq: 13 Mar 2023 20:28

Instrument :

BNA_F

ClientSampleId :

030923-1MS



Tgt Ion:252 Resp: 1221250

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian

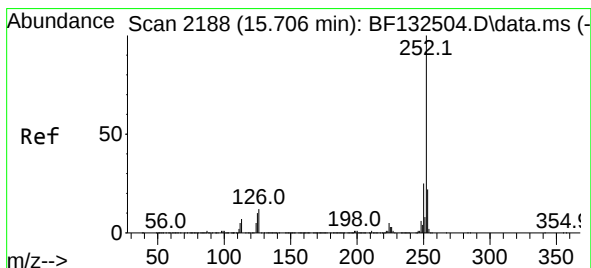
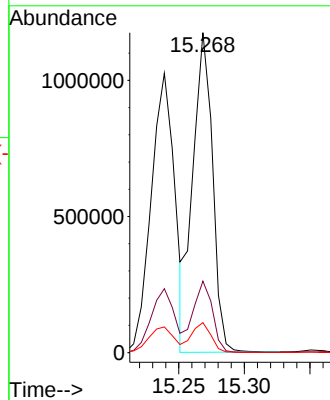
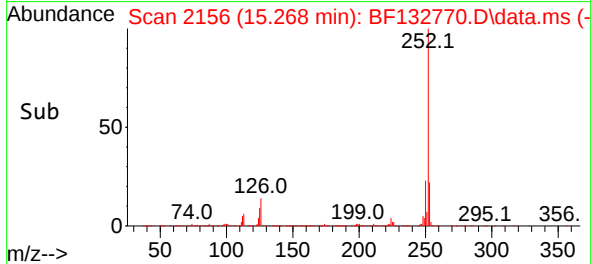
Giraldo

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Supervised By :Jagrut

Upadhyay

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#90

Benzo(a)pyrene

Concen: 41.450 ng

RT: 15.633 min Scan# 2218

Delta R.T. -0.006 min

Lab File: BF132770.D

Acq: 13 Mar 2023 20:28

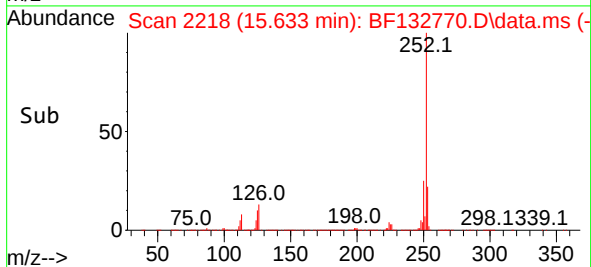
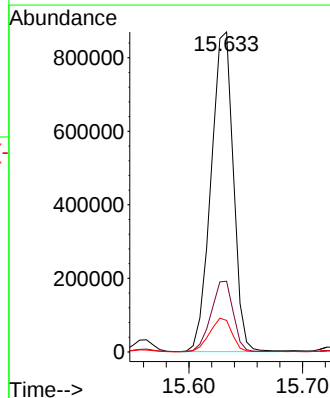
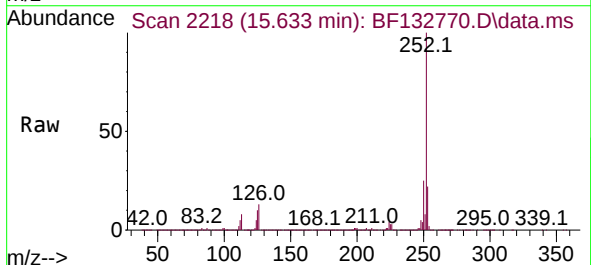
Tgt Ion:252 Resp: 1185526

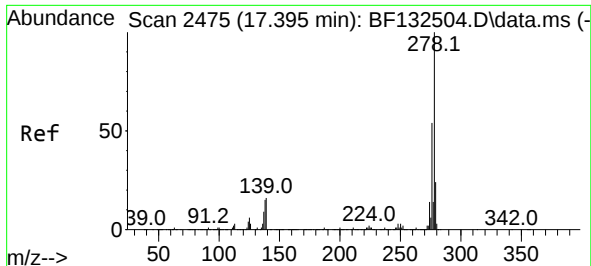
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 9.8 8.0 12.0





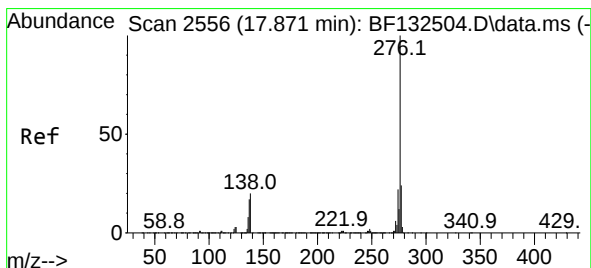
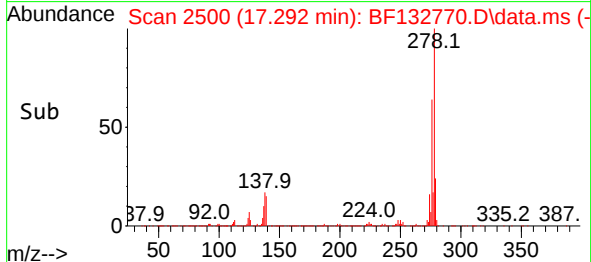
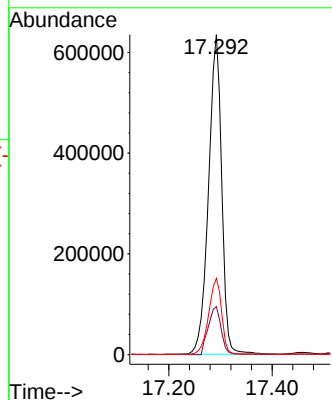
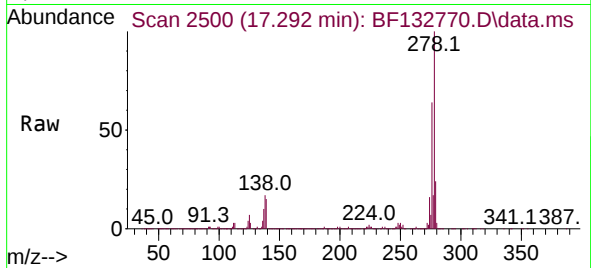
#91
Dibenzo(a,h)anthracene
Concen: 46.078 ng
RT: 17.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Instrument :
BNA_F
ClientSampleId :
030923-1MS

Tgt Ion:278 Resp: 1121790
Ion Ratio Lower Upper
278 100
139 15.0 13.0 19.4
279 23.8 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: 39.455 ng
RT: 17.756 min Scan# 2579
Delta R.T. -0.012 min
Lab File: BF132770.D
Acq: 13 Mar 2023 20:28

Tgt Ion:276 Resp: 1077329
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 20.5 16.2 24.4

