

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132674.D
 Acq On : 07 Mar 2023 12:46
 Operator : CG\JU
 Sample : PB151052BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151052BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/08/2023
 Supervised By : Jagrut Upadhyay 03/08/2023

Quant Time: Mar 08 04:38:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.992	152	274703	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	1046583	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	568036	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	1066335	20.000	ng	0.00
76) Chrysene-d12	14.198	240	596364	20.000	ng	0.00
86) Perylene-d12	15.745	264	542039	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1943688	114.835	ng	0.02
7) Phenol-d6	6.634	99	2546729	115.289	ng	0.01
23) Nitrobenzene-d5	7.569	82	1726105	78.249	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	767329	125.083	ng	0.01
45) 2-Fluorobiphenyl	9.357	172	2606398	69.866	ng	0.00
79) Terphenyl-d14	13.133	244	3169150	89.848	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.946	88	253252	27.049	ng	97
3) Pyridine	3.699	79	702146	28.253	ng	94
4) n-Nitrosodimethylamine	3.675	42	380622	40.546	ng	91
6) Aniline	6.657	93	1042182	35.058	ng	99
8) 2-Chlorophenol	6.781	128	816294	46.468	ng	98
9) Benzaldehyde	6.540	77	187141	15.700	ng	99
10) Phenol	6.645	94	953588	37.653	ng	88
11) bis(2-Chloroethyl)ether	6.728	93	867153	44.354	ng	96
12) 1,3-Dichlorobenzene	6.934	146	789847	41.898	ng	99
13) 1,4-Dichlorobenzene	7.010	146	777265	41.292	ng	99
14) 1,2-Dichlorobenzene	7.163	146	774602	42.878	ng	99
15) Benzyl Alcohol	7.139	79	760281	44.690	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.263	45	1006420	40.368	ng	94
17) 2-Methylphenol	7.245	107	668460	40.772	ng	99
18) Hexachloroethane	7.504	117	319576	43.456	ng	99
19) n-Nitroso-di-n-propyla...	7.416	70	531393	39.088	ng	94
20) 3+4-Methylphenols	7.404	107	717912	33.894	ng	# 90
22) Acetophenone	7.410	105	1017300	38.548	ng	# 89
24) Nitrobenzene	7.587	77	904590	38.343	ng	99
25) Isophorone	7.822	82	1788525	42.289	ng	99
26) 2-Nitrophenol	7.898	139	448698	43.106	ng	96
27) 2,4-Dimethylphenol	7.934	122	665487m	40.508	ng	
28) bis(2-Chloroethoxy)met...	8.022	93	997283	40.310	ng	99
29) 2,4-Dichlorophenol	8.139	162	657022	40.203	ng	98
30) 1,2,4-Trichlorobenzene	8.222	180	734430	41.387	ng	98
31) Naphthalene	8.304	128	2017229	37.650	ng	99
32) Benzoic acid	8.086	122	606309	46.927	ng	95
33) 4-Chloroaniline	8.345	127	525512	22.889	ng	97
34) Hexachlorobutadiene	8.410	225	475667	42.182	ng	99
35) Caprolactam	8.745	113	269102m	49.947	ng	
36) 4-Chloro-3-methylphenol	8.833	107	744159	41.463	ng	98
37) 2-Methylnaphthalene	8.992	142	1351292	37.008	ng	100
38) 1-Methylnaphthalene	9.098	142	1258763	36.889	ng	100
40) 1,2,4,5-Tetrachloroben...	9.163	216	729299	39.242	ng	99
41) Hexachlorocyclopentadiene	9.145	237	793687	78.737	ng	98
43) 2,4,6-Trichlorophenol	9.275	196	516034	40.972	ng	99

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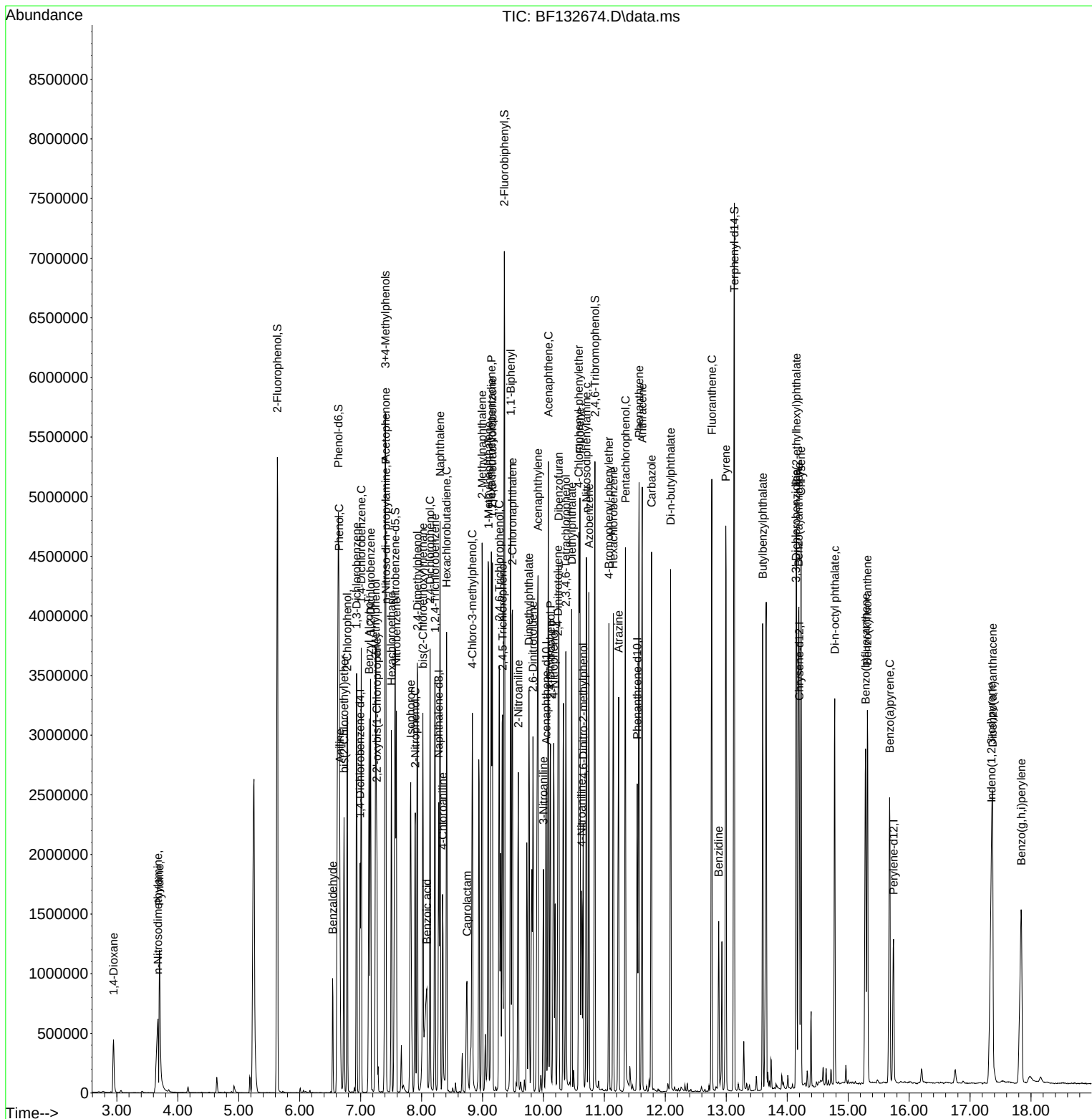
Quant Time: Mar 08 04:38:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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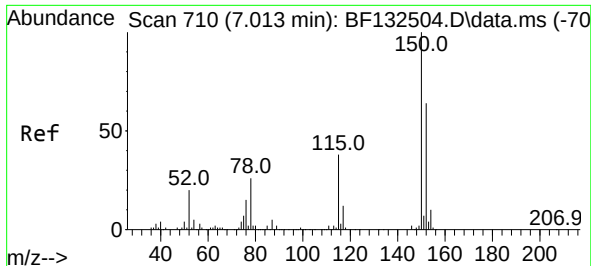
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.328	196	547103	37.218	ng	99
46) 1,1'-Biphenyl	9.463	154	1626998	37.843	ng	98
47) 2-Chloronaphthalene	9.492	162	1329552	39.004	ng	100
48) 2-Nitroaniline	9.586	65	476173	37.929	ng	94
49) Acenaphthylene	9.910	152	1973644	36.380	ng	99
50) Dimethylphthalate	9.763	163	1688414	40.822	ng	100
51) 2,6-Dinitrotoluene	9.828	165	384651	40.836	ng	98
52) Acenaphthene	10.080	154	1489129m	43.228	ng	
53) 3-Nitroaniline	9.998	138	326042	30.943	ng	97
54) 2,4-Dinitrophenol	10.116	184	504941	84.951	ng	93
55) Dibenzofuran	10.251	168	1790248	35.648	ng	96
56) 4-Nitrophenol	10.169	139	609084	77.512	ng	93
57) 2,4-Dinitrotoluene	10.239	165	490537	39.145	ng	97
58) Fluorene	10.598	166	1414079	36.812	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.369	232	462811	42.383	ng	100
60) Diethylphthalate	10.463	149	1578038	39.066	ng	99
61) 4-Chlorophenyl-phenyle...	10.580	204	751856	37.729	ng	99
62) 4-Nitroaniline	10.627	138	414752	40.100	ng	99
63) Azobenzene	10.745	77	1579154	36.913	ng	99
65) 4,6-Dinitro-2-methylph...	10.651	198	318285	44.093	ng	98
66) n-Nitrosodiphenylamine	10.704	169	1300858	39.131	ng	100
67) 4-Bromophenyl-phenylether	11.075	248	495140	41.050	ng	98
68) Hexachlorobenzene	11.145	284	559387	44.074	ng	# 94
69) Atrazine	11.233	200	464018	44.710	ng	97
70) Pentachlorophenol	11.345	266	589972	78.129	ng	98
71) Phenanthrene	11.569	178	2113747	38.264	ng	99
72) Anthracene	11.622	178	2150507	37.804	ng	99
73) Carbazole	11.774	167	1963373	38.281	ng	100
74) Di-n-butylphthalate	12.086	149	2328399	38.702	ng	99
75) Fluoranthene	12.763	202	2248033	37.225	ng	98
77) Benzidine	12.874	184	584542	40.265	ng	99
78) Pyrene	12.992	202	2296208	42.350	ng	100
80) Butylbenzylphthalate	13.598	149	912163	42.632	ng	99
81) Benzo(a)anthracene	14.186	228	1857734	41.633	ng	99
82) 3,3'-Dichlorobenzidine	14.145	252	458182	34.829	ng	99
83) Chrysene	14.227	228	1695634	40.637	ng	100
84) Bis(2-ethylhexyl)phtha...	14.151	149	1107205	42.124	ng	99
85) Di-n-octyl phthalate	14.780	149	1749290	45.543	ng	98
87) Indeno(1,2,3-cd)pyrene	17.351	276	1735521	48.865	ng	99
88) Benzo(b)fluoranthene	15.286	252	1625422	44.747	ng	98
89) Benzo(k)fluoranthene	15.315	252	1531615	43.082	ng	99
90) Benzo(a)pyrene	15.680	252	1443613	42.463	ng	98
91) Dibenzo(a,h)anthracene	17.368	278	1392909	48.134	ng	97
92) Benzo(g,h,i)perylene	17.839	276	1491936	45.701	ng	98

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

Manual Integrations APPROVED

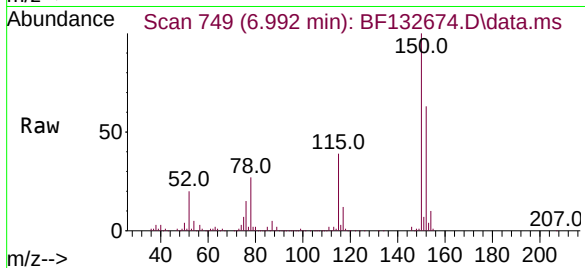
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.992 min Scan# 74
Delta R.T. -0.001 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

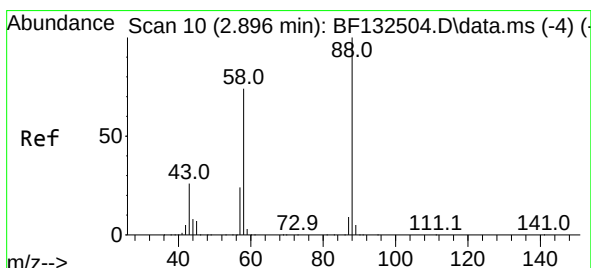
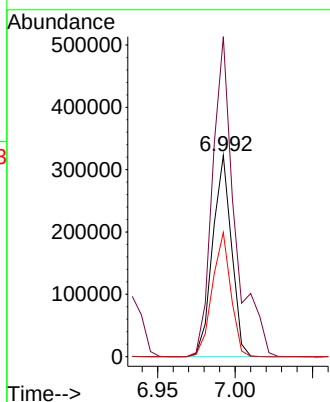
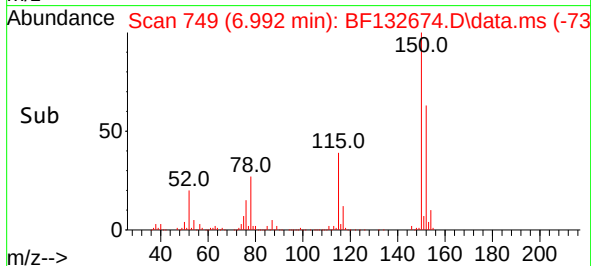
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



Tgt Ion:152 Resp: 274703
Ion Ratio Lower Upper
152 100
150 159.1 125.4 188.2
115 61.7 47.8 71.6

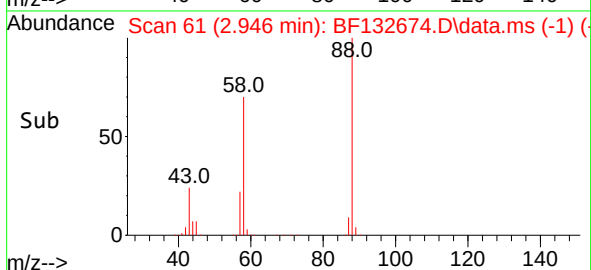
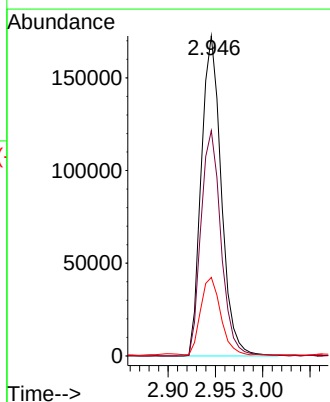
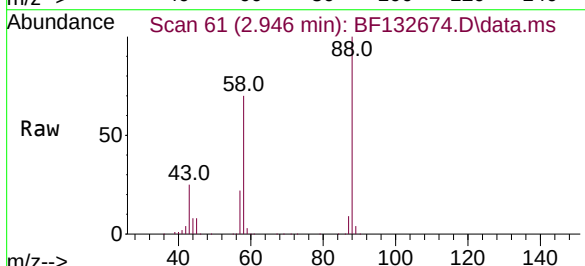
Manual Integrations
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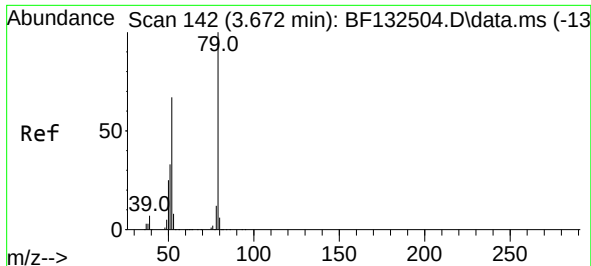
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#2
1,4-Dioxane
Concen: 27.049 ng
RT: 2.946 min Scan# 61
Delta R.T. 0.106 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

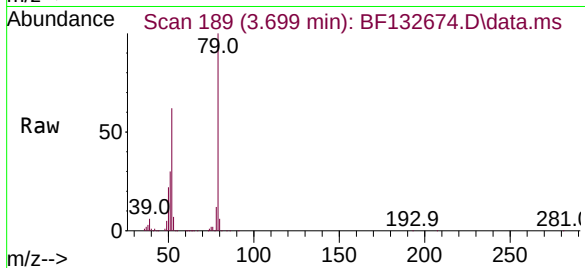
Tgt Ion: 88 Resp: 253252
Ion Ratio Lower Upper
88 100
58 70.5 58.3 87.5
43 24.4 20.7 31.1





#3
Pyridine
Concen: 28.253 ng
RT: 3.699 min Scan# 18
Delta R.T. 0.076 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

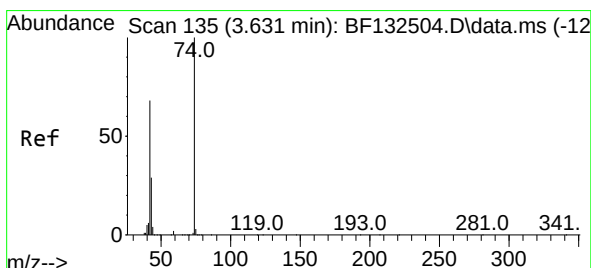
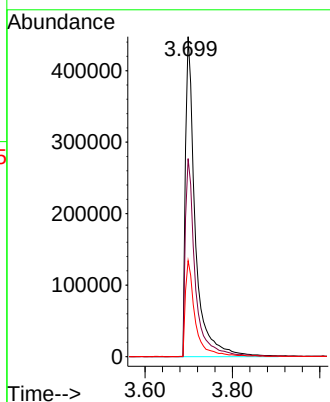
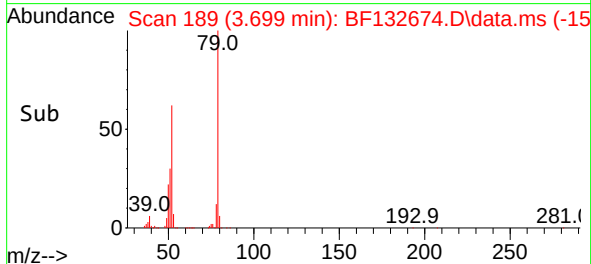
Instrument :
BNA_F
ClientSampleId :
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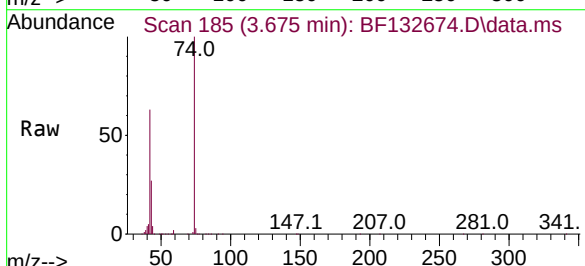
Tgt Ion: 79 Resp: 702146
Ion Ratio Lower Upper
79 100
52 61.9 53.7 80.5
51 30.0 26.6 40.0

Manual Integrations
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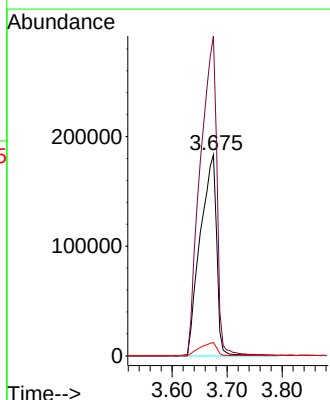
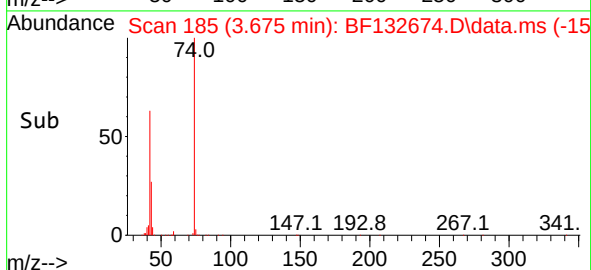
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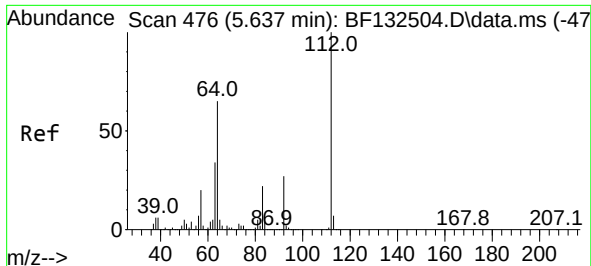


#4
n-Nitrosodimethylamine
Concen: 40.546 ng
RT: 3.675 min Scan# 185
Delta R.T. 0.082 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46



Tgt Ion: 42 Resp: 380622
Ion Ratio Lower Upper
42 100
74 159.2 118.2 177.2
44 6.7 5.3 7.9





#5
2-Fluorophenol
Concen: 114.835 ng
RT: 5.634 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

Instrument :

BNA_F

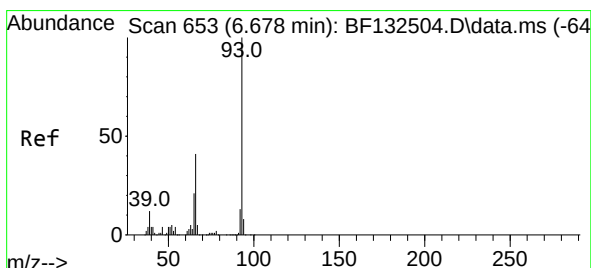
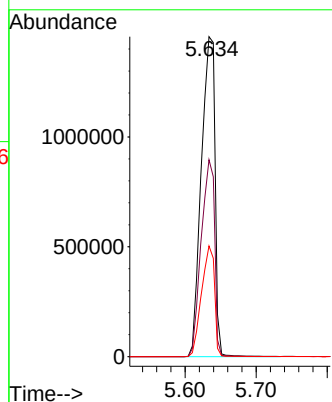
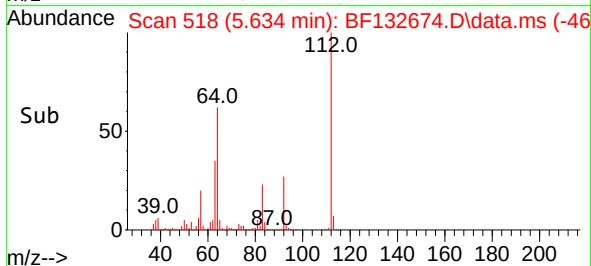
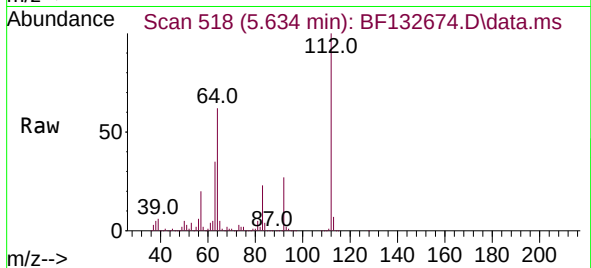
ClientSampleId :

PB151052BSD

Tgt Ion:112 Resp: 1943688
Ion Ratio Lower Upper
112 100
64 61.5 51.6 77.4
63 34.6 27.4 41.2

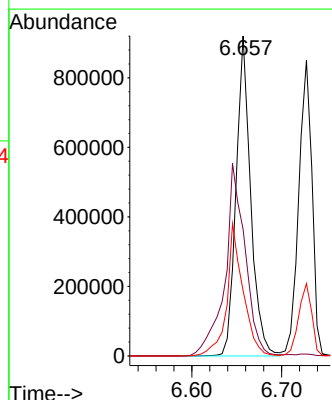
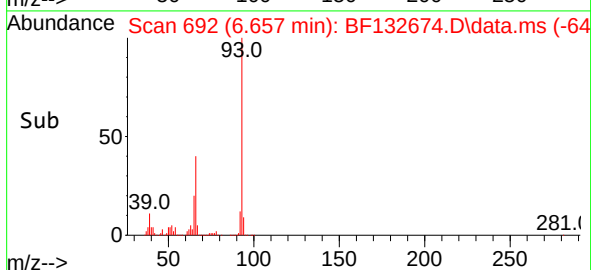
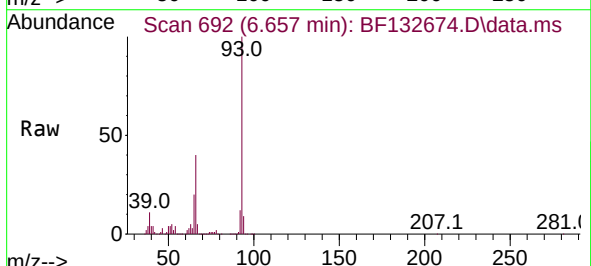
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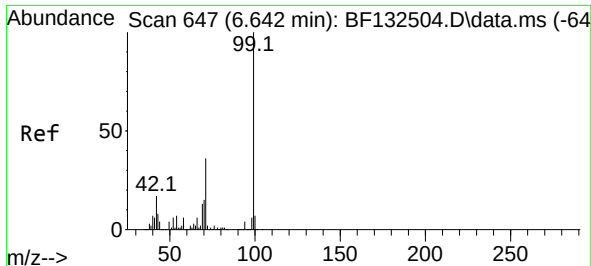
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#6
Aniline
Concen: 35.058 ng
RT: 6.657 min Scan# 692
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

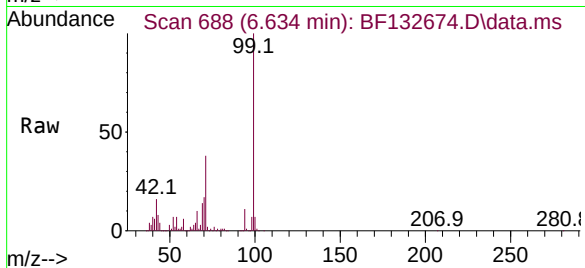
Tgt Ion: 93 Resp: 1042182
Ion Ratio Lower Upper
93 100
66 39.6 32.5 48.7
65 20.4 16.6 24.8





#7
Phenol-d6
Concen: 115.289 ng
RT: 6.634 min Scan# 688
Delta R.T. 0.012 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

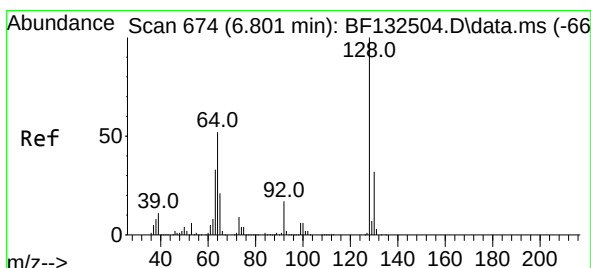
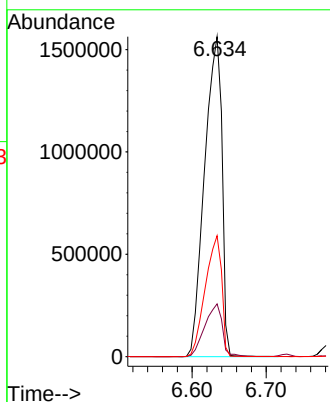
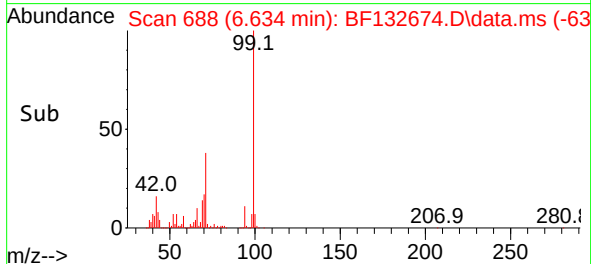
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Tgt Ion: 99 Resp: 2546729
Ion Ratio Lower Upper
99 100
42 16.5 13.9 20.9
71 37.8 28.5 42.7

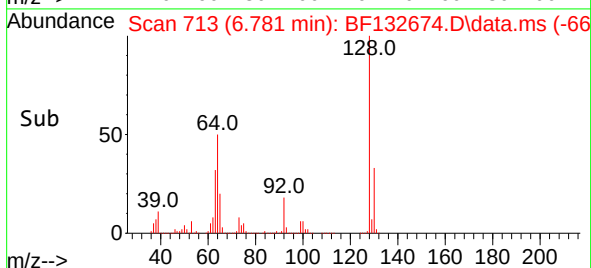
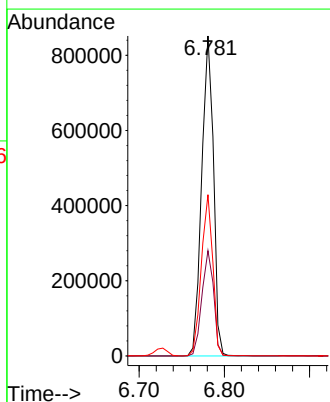
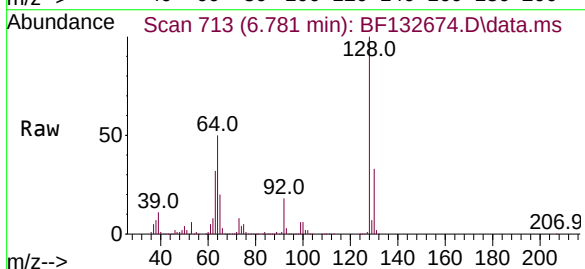
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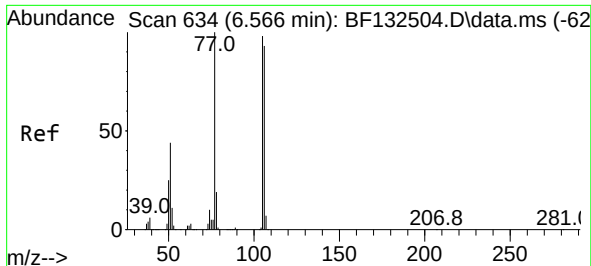
Reviewed By :Christian Giraldo 03/08/2023
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#8
2-Chlorophenol
Concen: 46.468 ng
RT: 6.781 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

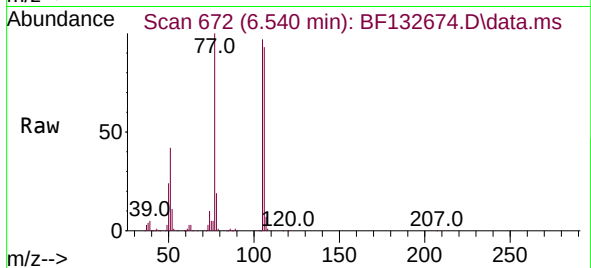
Tgt Ion:128 Resp: 816294
Ion Ratio Lower Upper
128 100
130 32.9 12.1 52.1
64 50.4 32.0 72.0





#9
Benzaldehyde
Concen: 15.700 ng
RT: 6.540 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

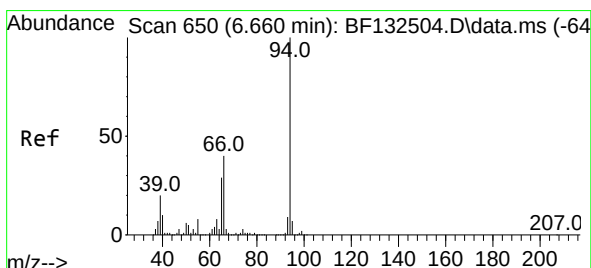
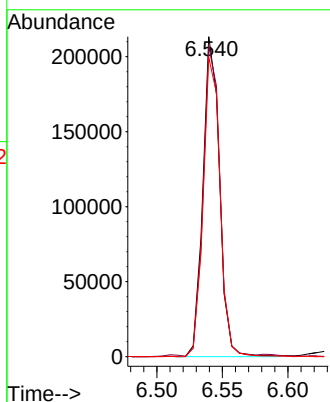
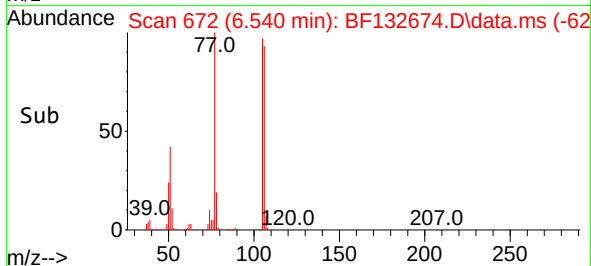
Instrument :
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Tgt Ion: 77 Resp: 18714
Ion Ratio Lower Upper
77 100
105 96.9 77.9 117.9
106 93.4 73.4 113.4

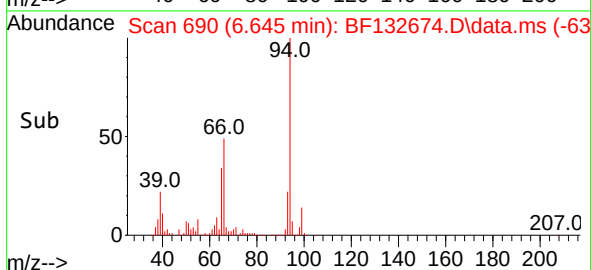
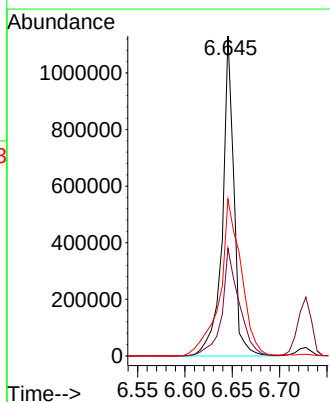
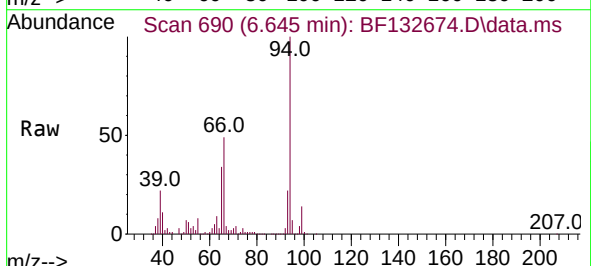
Manual Integrations
APPROVED

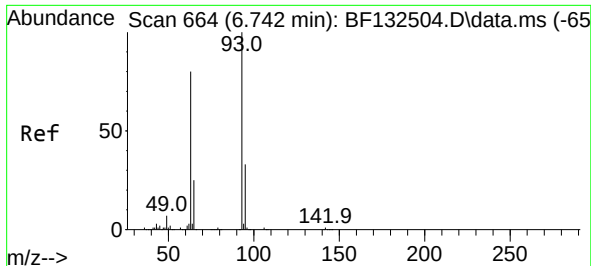
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#10
Phenol
Concen: 37.653 ng
RT: 6.645 min Scan# 690
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

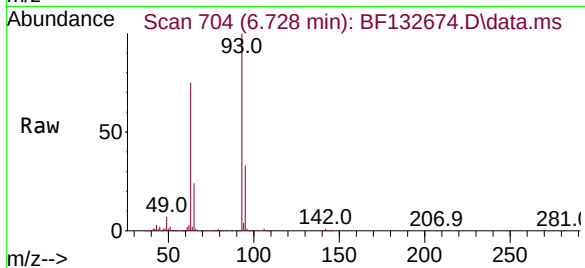
Tgt Ion: 94 Resp: 953588
Ion Ratio Lower Upper
94 100
65 33.6 9.4 49.4
66 49.0 19.8 59.8





#11
bis(2-Chloroethyl)ether
Concen: 44.354 ng
RT: 6.728 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

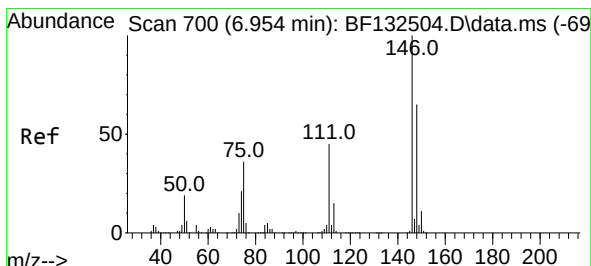
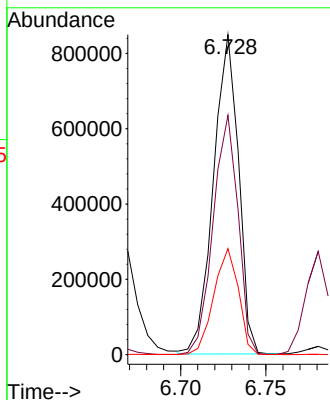
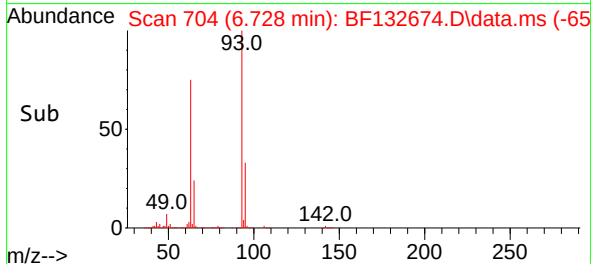
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



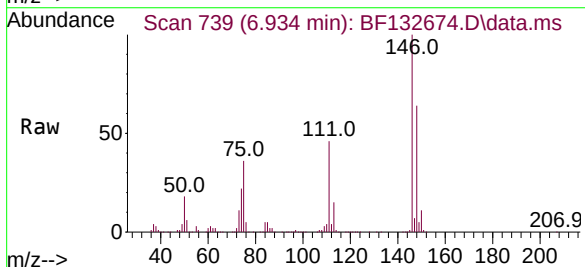
Tgt Ion: 93 Resp: 867153
Ion Ratio Lower Upper
93 100
63 74.8 59.6 99.6
95 33.1 12.8 52.8

Manual Integrations
APPROVED

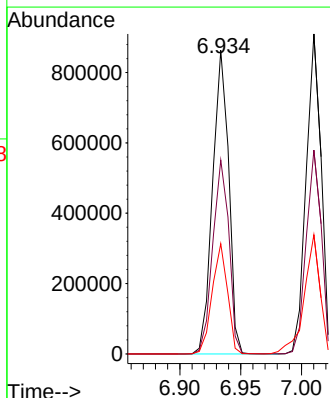
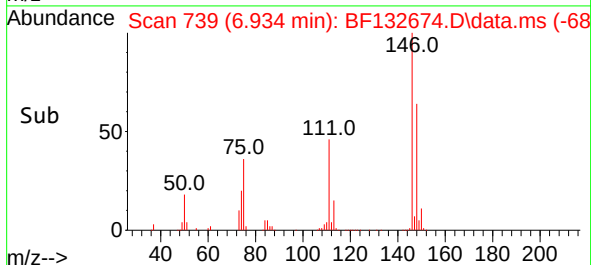
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

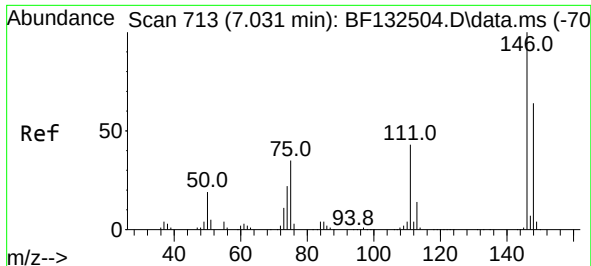


#12
1,3-Dichlorobenzene
Concen: 41.898 ng
RT: 6.934 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46



Tgt Ion:146 Resp: 789847
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
75 36.3 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 41.292 ng

RT: 7.010 min Scan# 713

Delta R.T. -0.000 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

Instrument :

BNA_F

ClientSampleId :

PB151052BSD

Tgt Ion:146 Resp: 777265

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

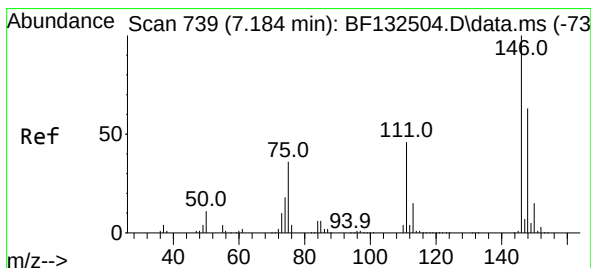
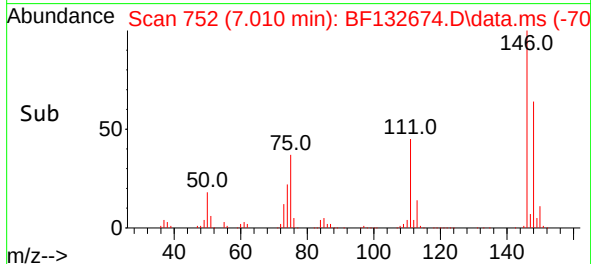
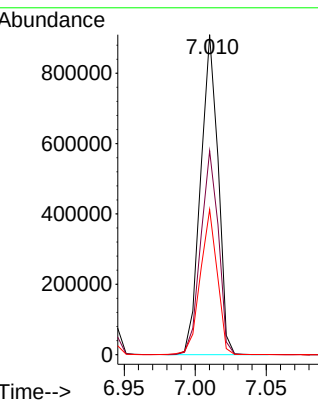
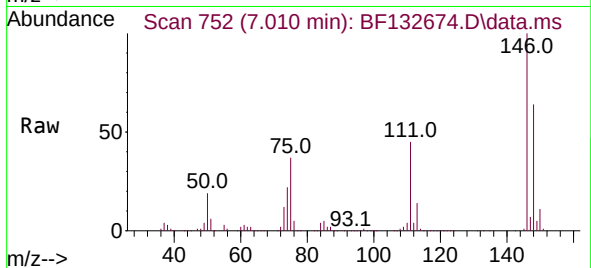
111 45.3 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#14

1,2-Dichlorobenzene

Concen: 42.878 ng

RT: 7.163 min Scan# 778

Delta R.T. -0.000 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

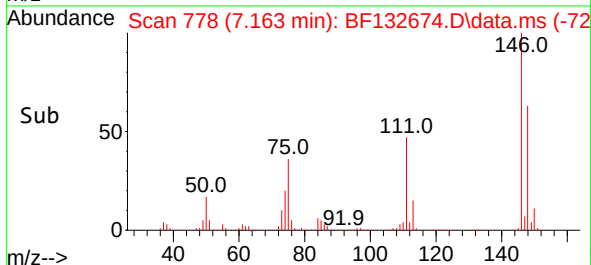
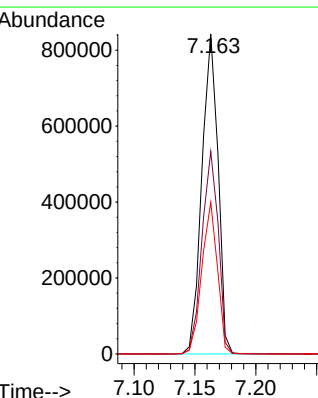
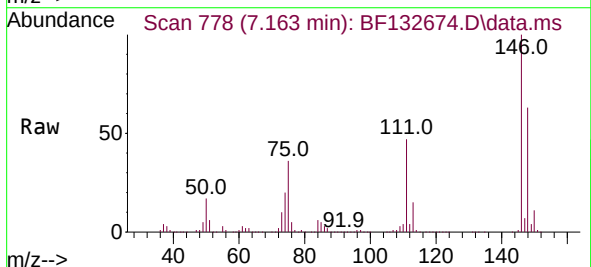
Tgt Ion:146 Resp: 774602

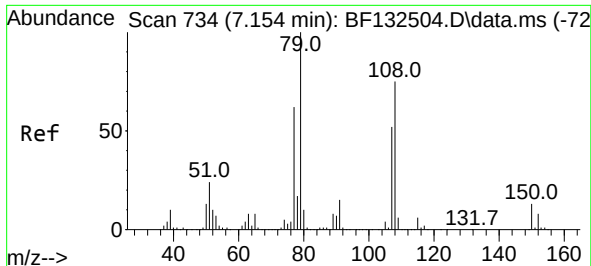
Ion Ratio Lower Upper

146 100

148 63.3 50.6 75.8

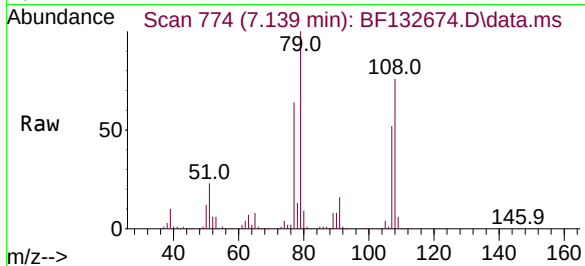
111 47.4 37.2 55.8





#15
Benzyl Alcohol
Concen: 44.690 ng
RT: 7.139 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

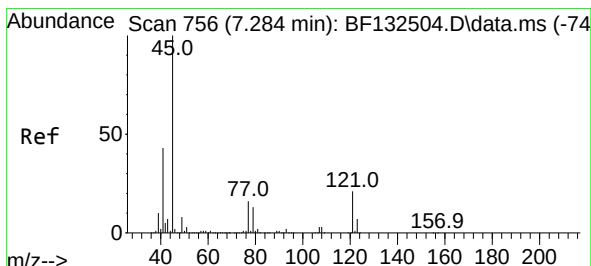
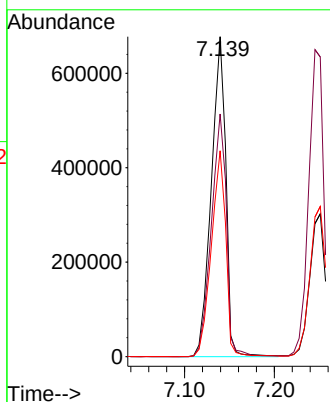
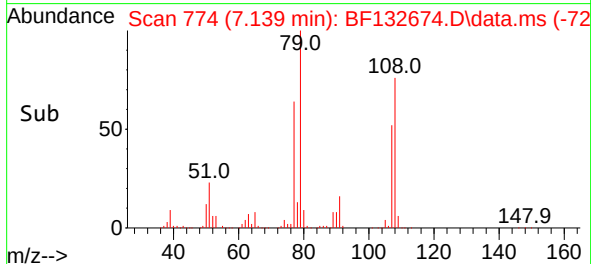
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



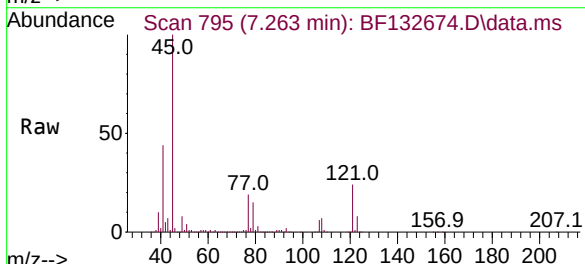
Tgt Ion: 79 Resp: 760281
Ion Ratio Lower Upper
79 100
108 75.8 60.2 90.4
77 64.3 49.9 74.9

Manual Integrations
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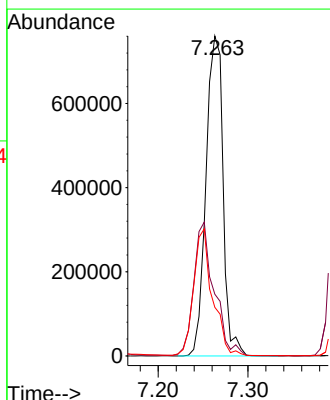
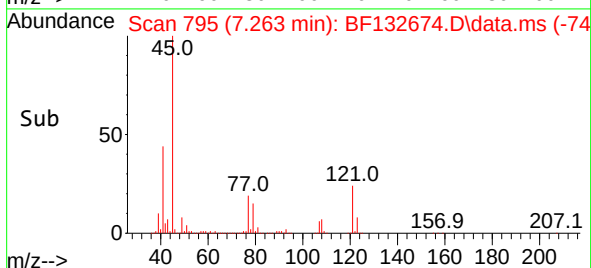
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

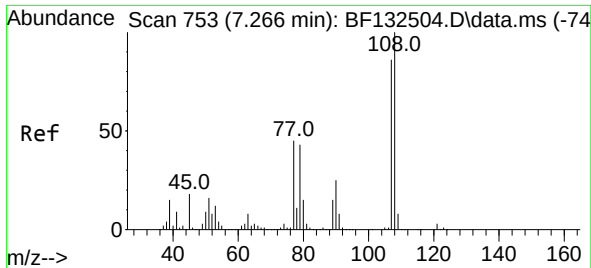


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.368 ng
RT: 7.263 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46



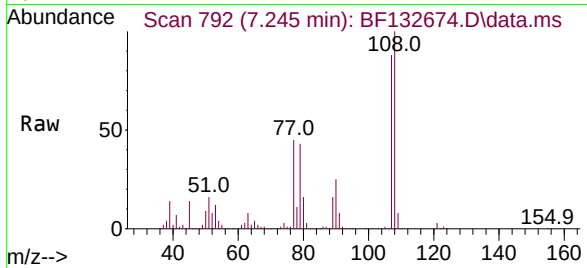
Tgt Ion: 45 Resp: 1006420
Ion Ratio Lower Upper
45 100
77 19.3 0.0 36.4
79 15.2 0.0 33.4





#17
2-Methylphenol
Concen: 40.772 ng
RT: 7.245 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

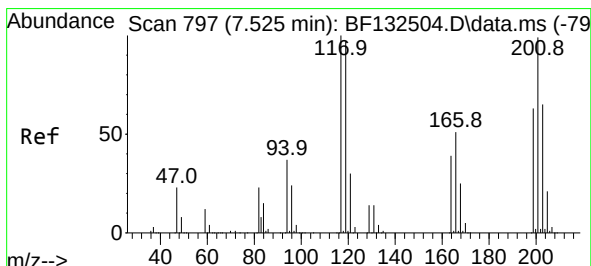
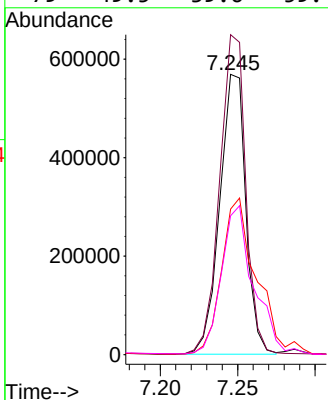
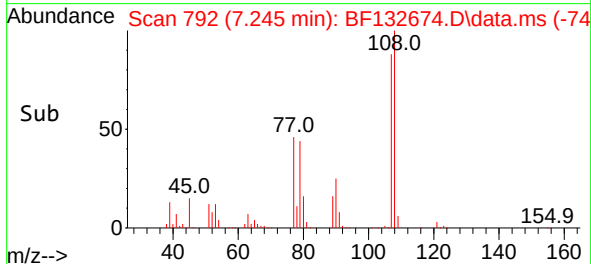
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



Tgt Ion:107 Resp: 668460
Ion Ratio Lower Upper
107 100
108 114.2 93.0 139.4
77 51.9 42.1 63.1
79 49.5 39.6 59.4

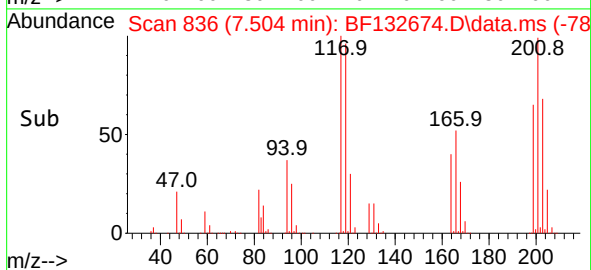
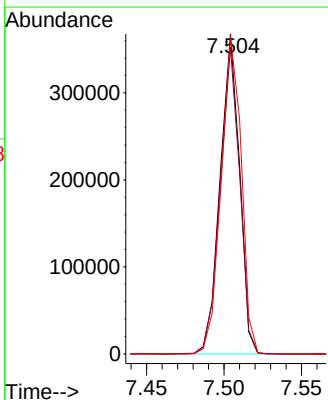
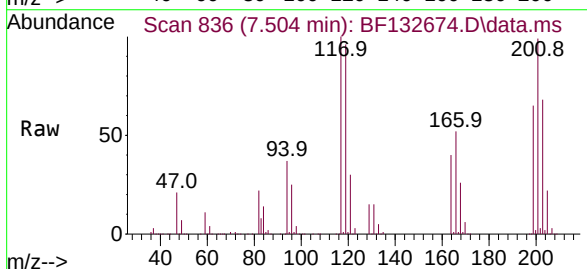
Manual Integrations
APPROVED

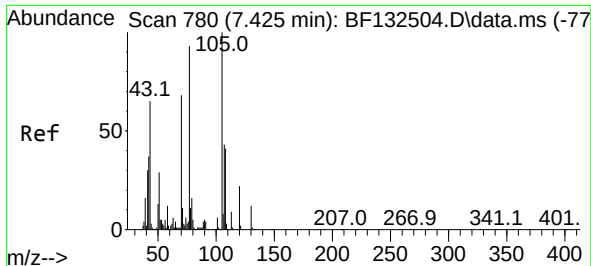
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#18
Hexachloroethane
Concen: 43.456 ng
RT: 7.504 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

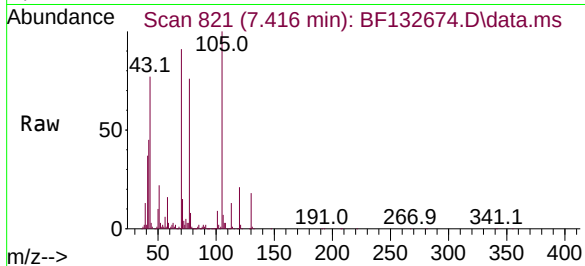
Tgt Ion:117 Resp: 319576
Ion Ratio Lower Upper
117 100
119 95.9 78.0 117.0
201 99.4 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 39.088 ng
RT: 7.416 min Scan# 819
Delta R.T. 0.012 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

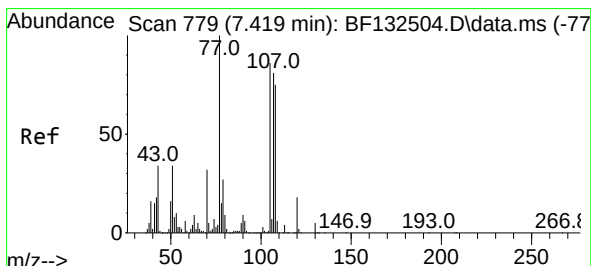
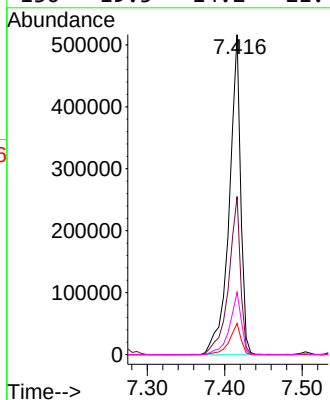
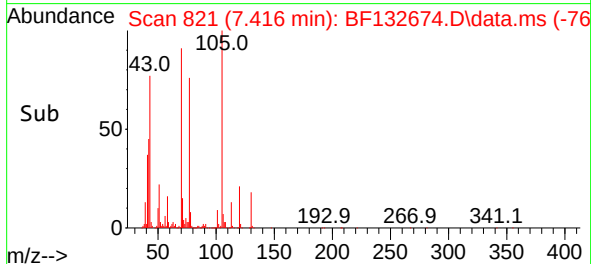
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



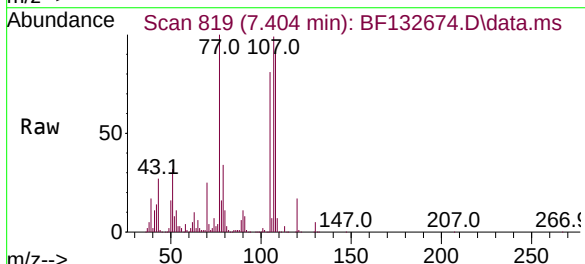
Tgt Ion: 70 Resp: 531393
Ion Ratio Lower Upper
70 100
42 49.4 44.1 66.1
101 9.7 7.4 11.2
130 19.5 14.2 21.4

Manual Integrations
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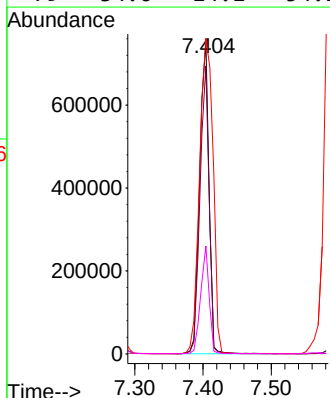
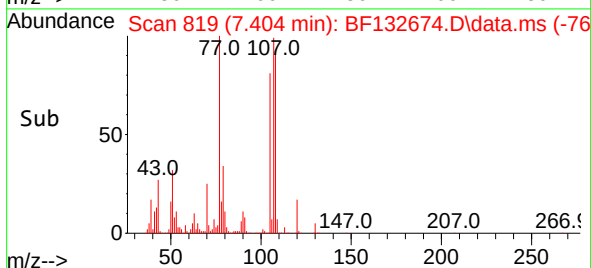
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

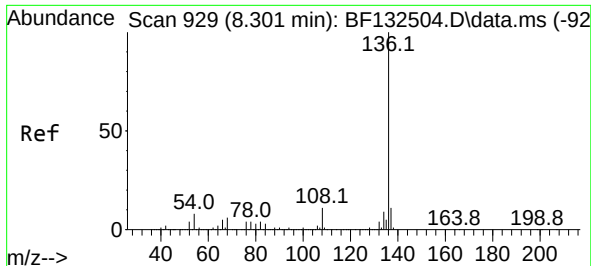


#20
3+4-Methylphenols
Concen: 33.894 ng
RT: 7.404 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46



Tgt Ion:107 Resp: 717912
Ion Ratio Lower Upper
107 100
108 92.3 72.6 112.6
77 101.1 104.0 144.0#
79 34.6 14.1 54.1





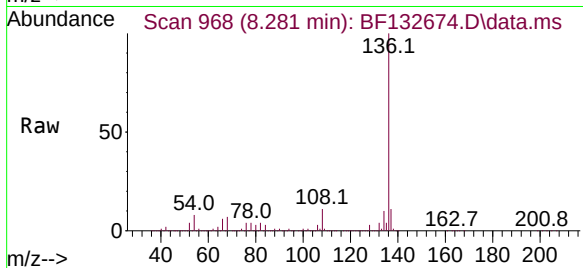
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.281 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

Instrument :

BNA_F

ClientSampleId :

PB151052BSD

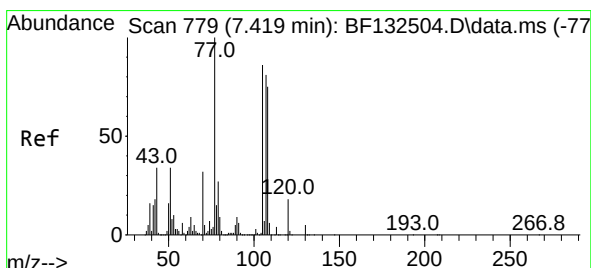
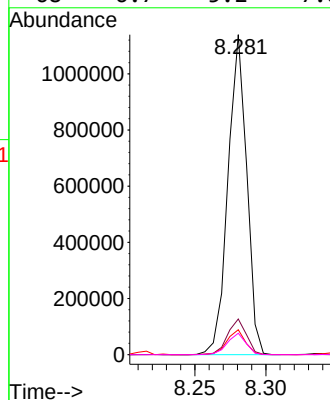
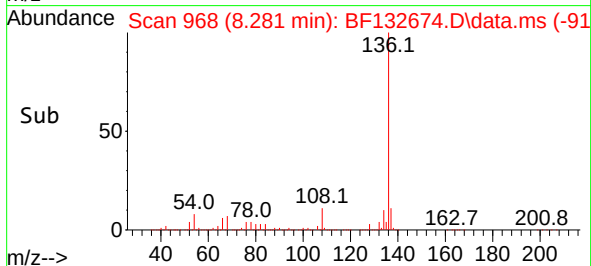


Tgt Ion:136 Resp: 1046583
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.8 6.2 9.4
68 6.7 5.2 7.8

Manual Integrations

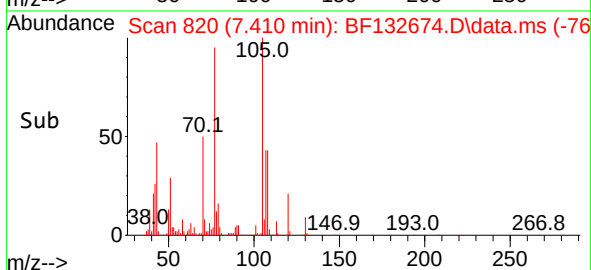
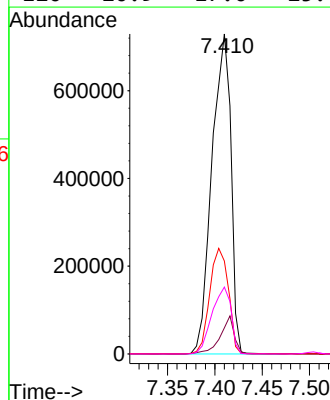
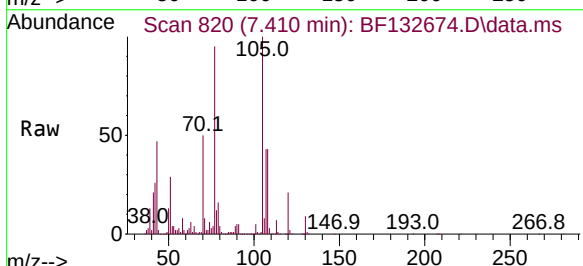
APPROVED

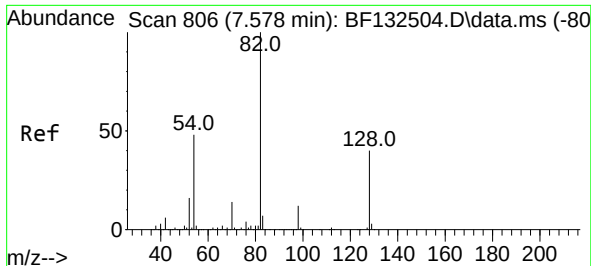
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#22
Acetophenone
Concen: 38.548 ng
RT: 7.410 min Scan# 820
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

Tgt Ion:105 Resp: 1017300
Ion Ratio Lower Upper
105 100
71 8.1 5.0 7.4#
51 29.0 31.5 47.3#
120 20.9 17.0 25.4





#23

Nitrobenzene-d5

Concen: 78.249 ng

RT: 7.569 min Scan# 847

Delta R.T. 0.006 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

Instrument :

BNA_F

ClientSampleId :

PB151052BSD

Tgt Ion: 82 Resp: 1726105

Ion Ratio Lower Upper

82 100

128 41.7 32.2 48.2

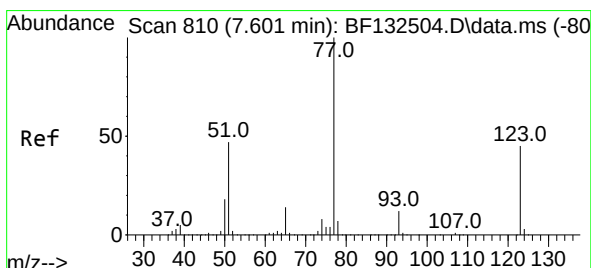
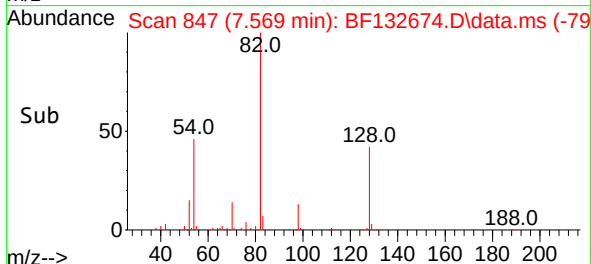
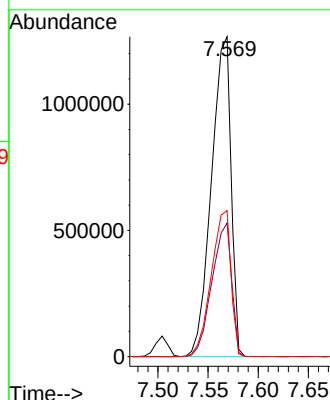
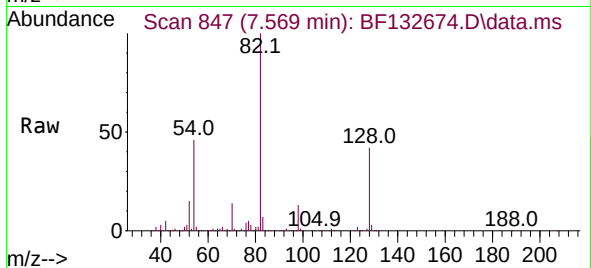
54 45.6 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#24

Nitrobenzene

Concen: 38.343 ng

RT: 7.587 min Scan# 850

Delta R.T. 0.006 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

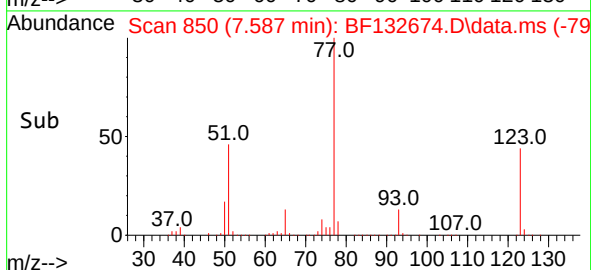
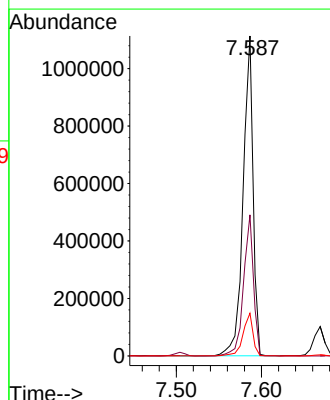
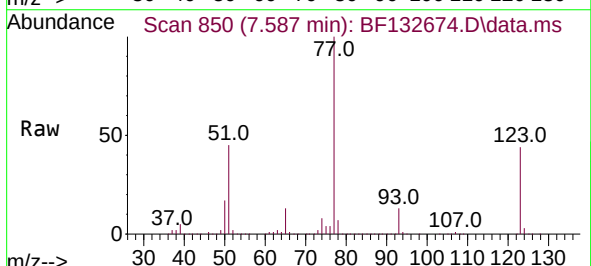
Tgt Ion: 77 Resp: 904590

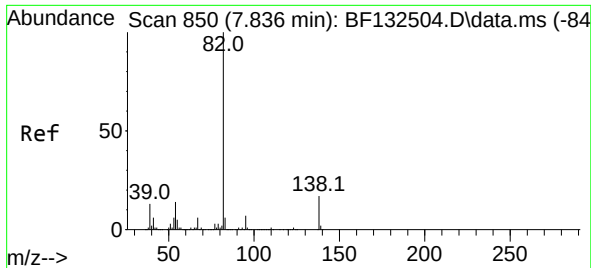
Ion Ratio Lower Upper

77 100

123 44.1 35.8 53.6

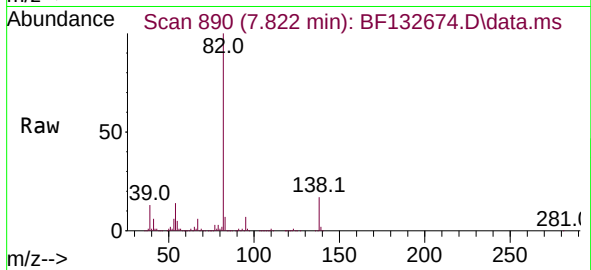
65 13.3 10.9 16.3





#25
Isophorone
Concen: 42.289 ng
RT: 7.822 min Scan# 89
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

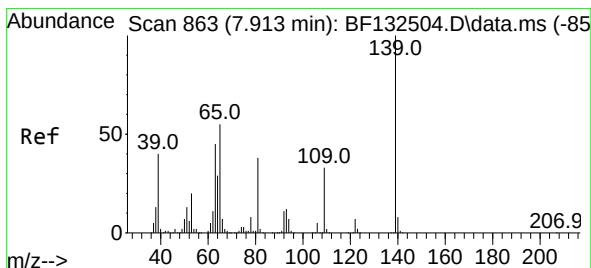
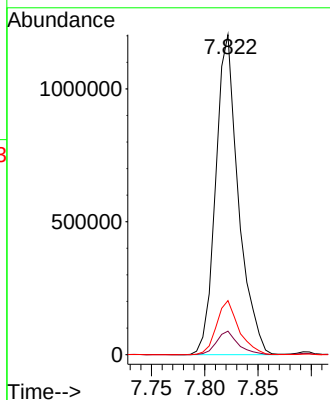
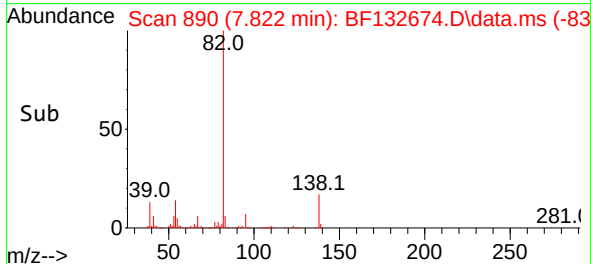
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



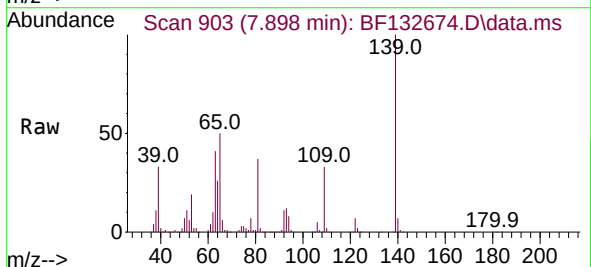
Tgt Ion: 82 Resp: 1788525
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 16.9 13.3 19.9

Manual Integrations
APPROVED

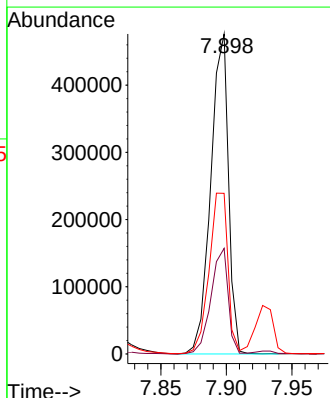
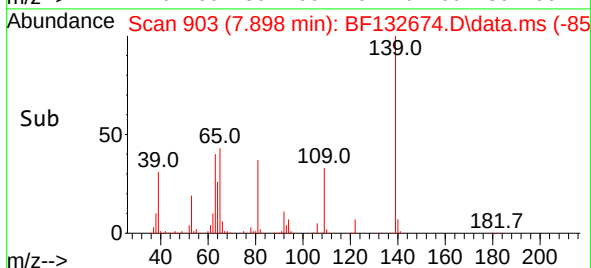
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

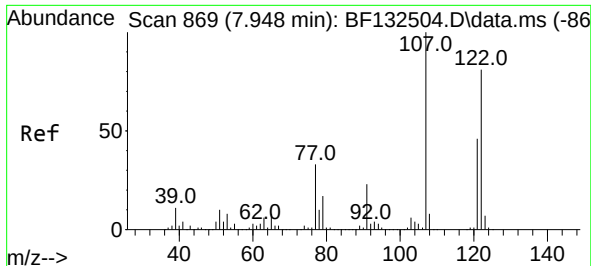


#26
2-Nitrophenol
Concen: 43.106 ng
RT: 7.898 min Scan# 903
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46



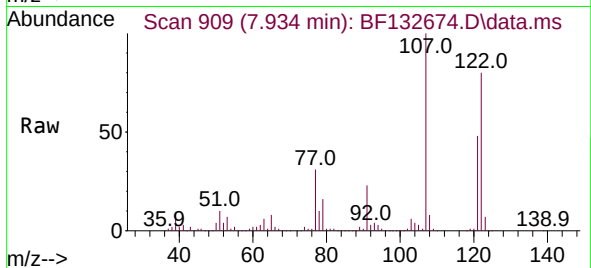
Tgt Ion:139 Resp: 448698
Ion Ratio Lower Upper
139 100
109 33.0 26.2 39.2
65 50.2 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 40.508 ng m
RT: 7.934 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

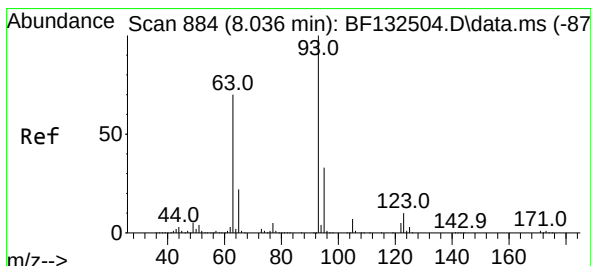
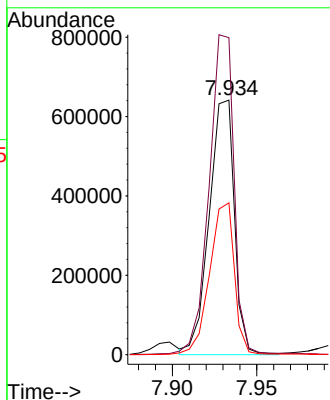
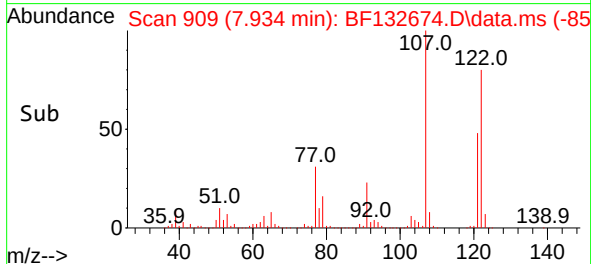
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



Tgt Ion:122 Resp: 66548
Ion Ratio Lower Upper
122 100
107 124.6 98.7 148.1
121 59.7 45.8 68.6

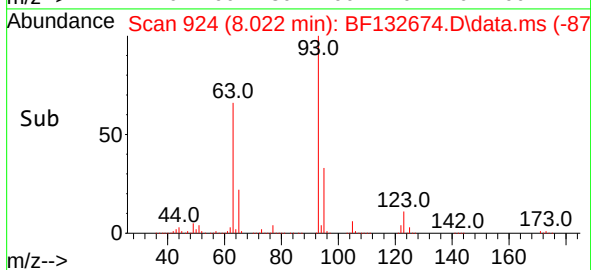
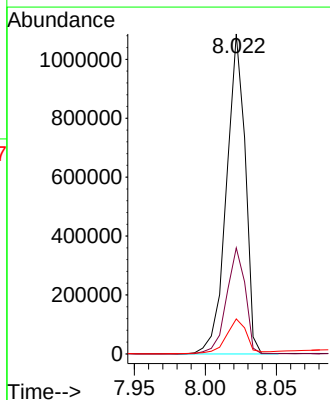
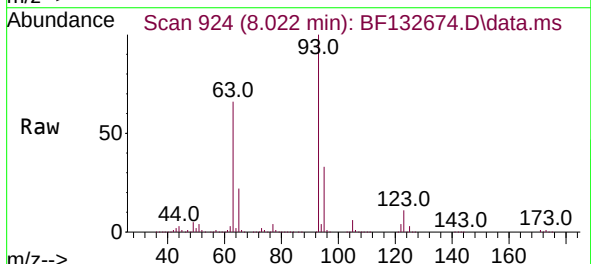
Manual Integrations
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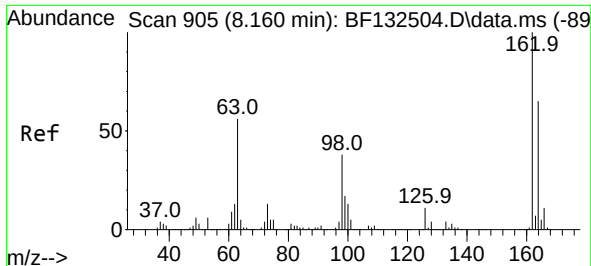
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.310 ng
RT: 8.022 min Scan# 924
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

Tgt Ion: 93 Resp: 997283
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 11.0 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 40.203 ng

RT: 8.139 min Scan# 944

Delta R.T. 0.006 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

Instrument :

BNA_F

ClientSampleId :

PB151052BSD

Tgt Ion:162 Resp: 657022

Ion Ratio Lower Upper

162 100

164 65.1 45.3 85.3

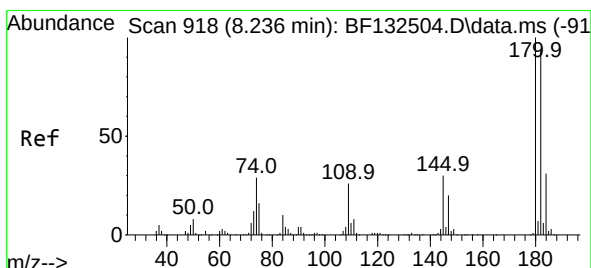
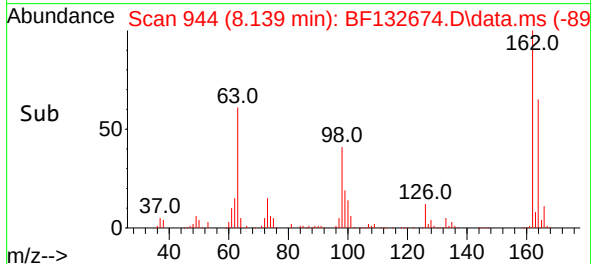
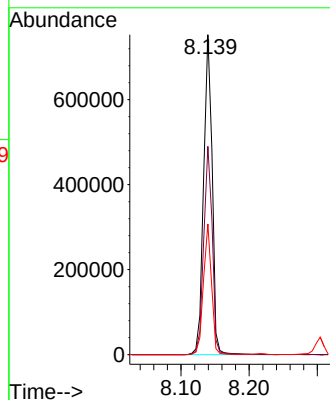
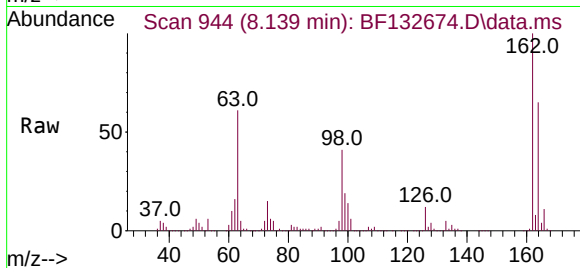
98 40.8 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.387 ng

RT: 8.222 min Scan# 958

Delta R.T. 0.006 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

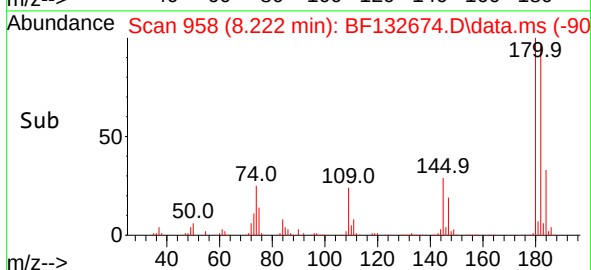
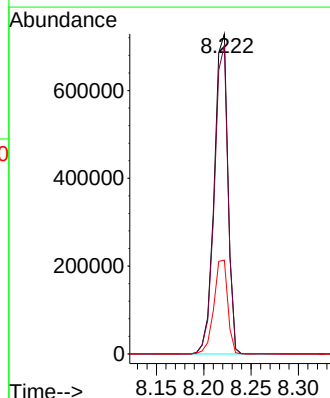
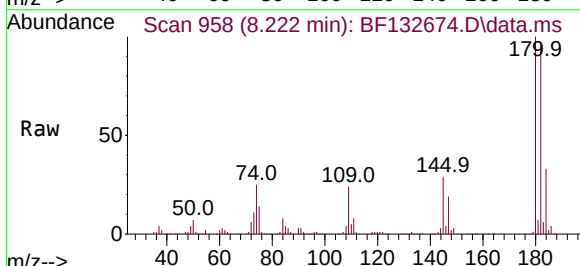
Tgt Ion:180 Resp: 734430

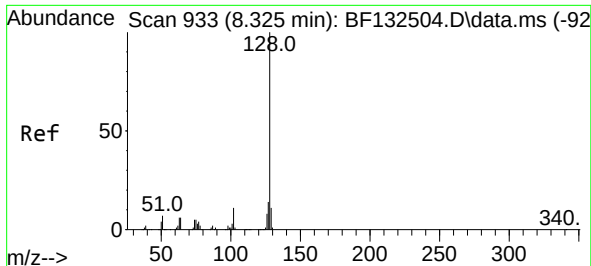
Ion Ratio Lower Upper

180 100

182 96.4 75.1 112.7

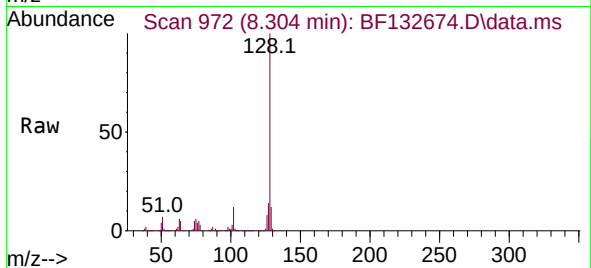
145 29.3 23.8 35.6





#31
Naphthalene
Concen: 37.650 ng
RT: 8.304 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

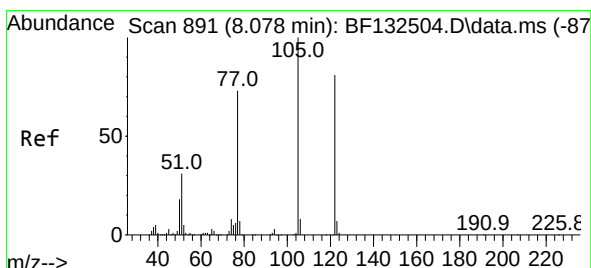
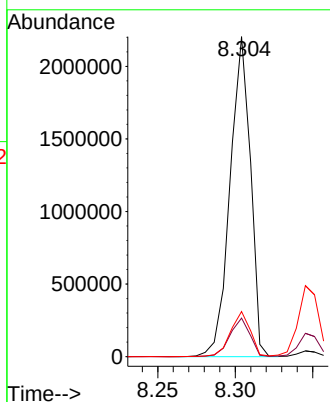
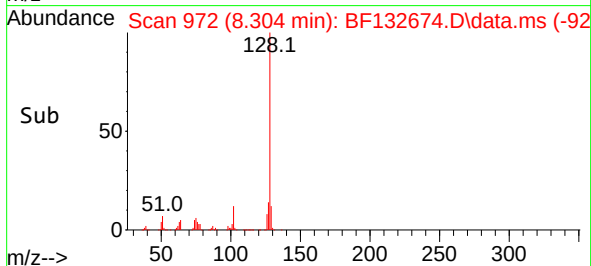
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



Tgt Ion:128 Resp: 2017229
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 14.1 11.0 16.6

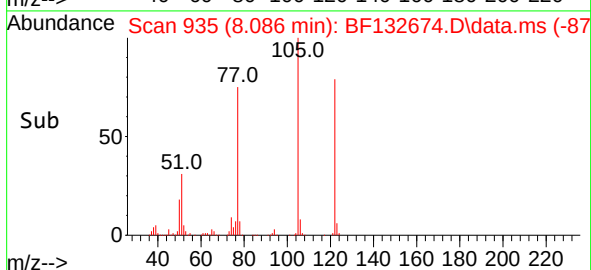
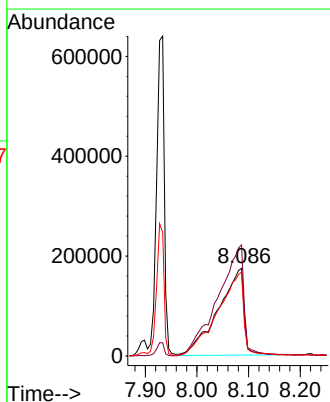
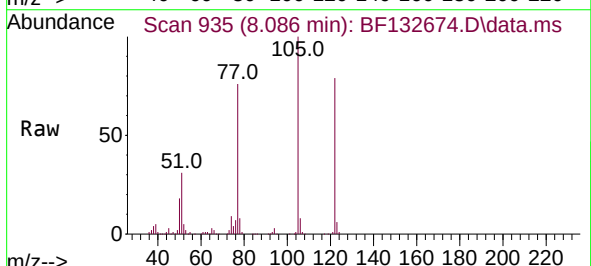
Manual Integrations
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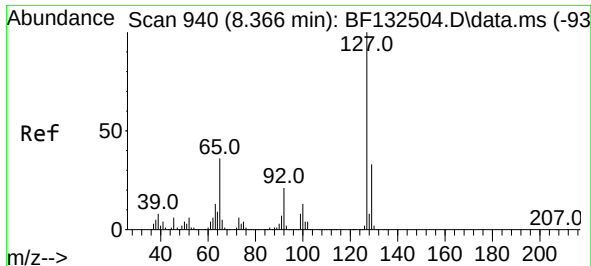
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#32
Benzoic acid
Concen: 46.927 ng
RT: 8.086 min Scan# 935
Delta R.T. 0.029 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

Tgt Ion:122 Resp: 606309
Ion Ratio Lower Upper
122 100
105 126.6 102.6 142.6
77 95.8 70.2 110.2





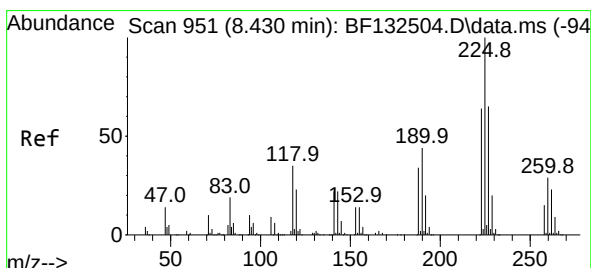
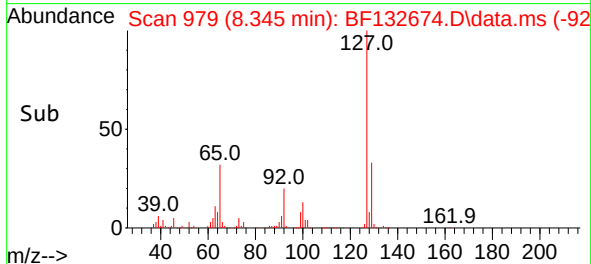
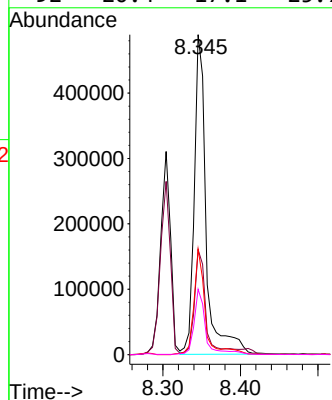
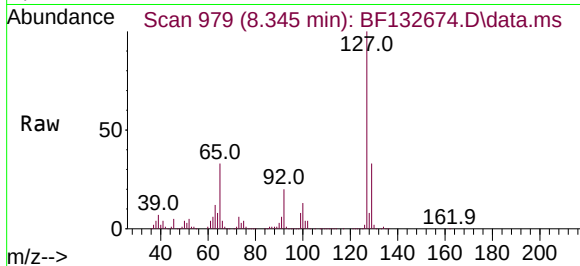
#33
4-Chloroaniline
Concen: 22.889 ng
RT: 8.345 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

Instrument :
BNA_F
ClientSampleId :
PB151052BSD

Tgt Ion:	127	Resp:	525512
Ion Ratio	Lower	Upper	
127	100		
129	32.8	26.4	39.6
65	33.0	28.8	43.2
92	20.4	17.1	25.7

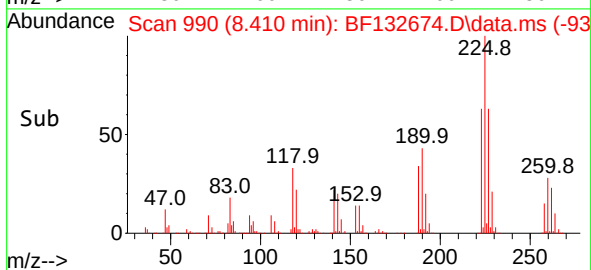
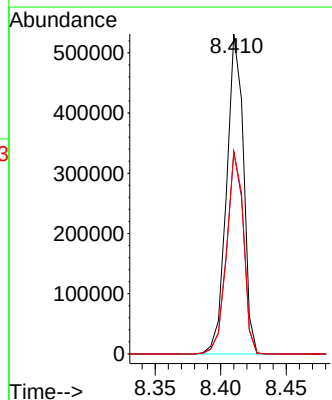
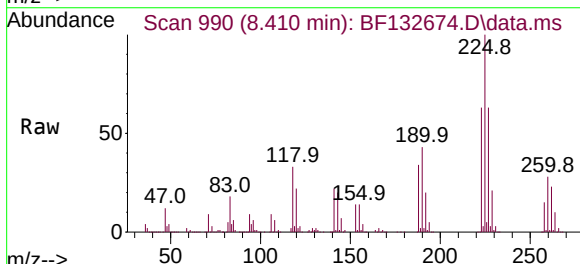
Manual Integrations
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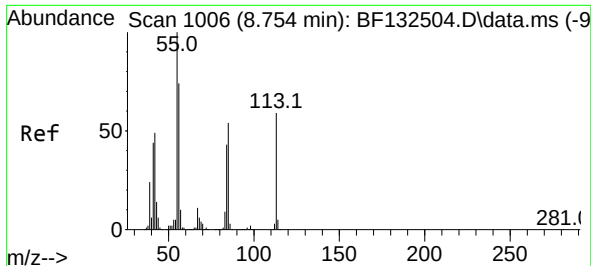
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#34
Hexachlorobutadiene
Concen: 42.182 ng
RT: 8.410 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

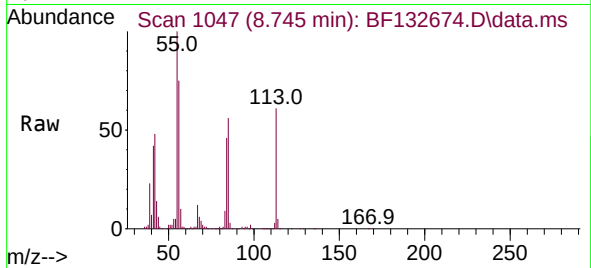
Tgt Ion:	225	Resp:	475667
Ion Ratio	Lower	Upper	
225	100		
223	63.1	51.0	76.4
227	63.2	51.7	77.5





#35
 Caprolactam
 Concen: 49.947 ng m
 RT: 8.745 min Scan# 10
 Delta R.T. 0.012 min
 Lab File: BF132674.D
 Acq: 07 Mar 2023 12:46

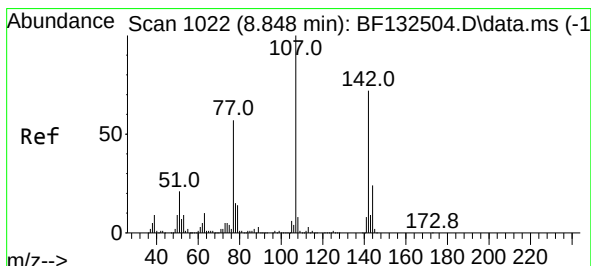
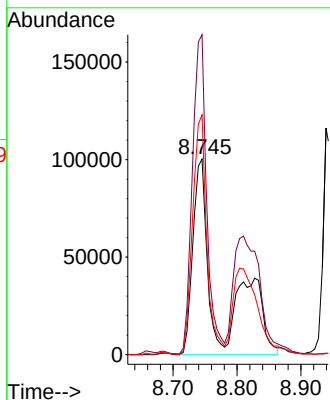
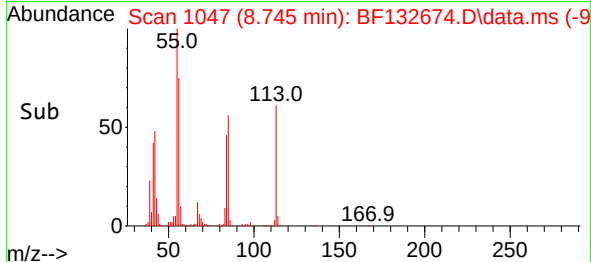
Instrument :
 BNA_F
 ClientSampleId :
 PB151052BSD



Tgt Ion:113 Resp: 269102
 Ion Ratio Lower Upper
 113 100
 55 163.7 149.4 189.4
 56 122.6 105.0 145.0

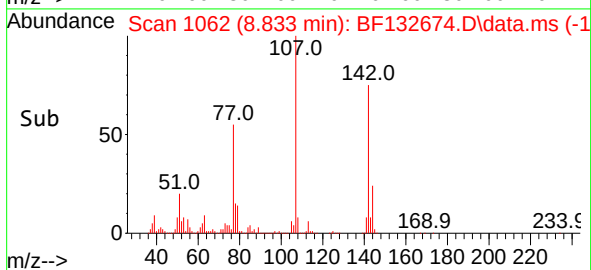
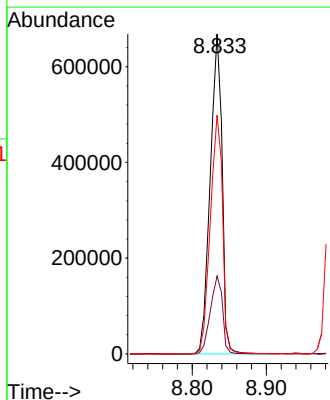
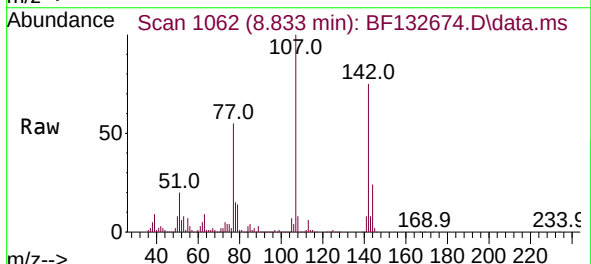
Manual Integrations
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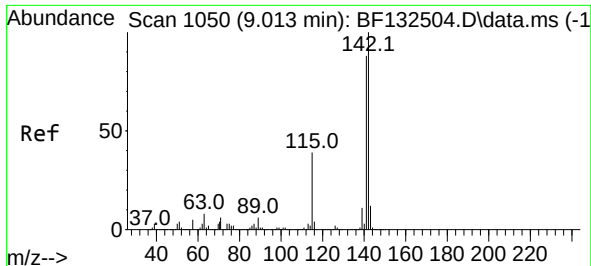
Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023



#36
 4-Chloro-3-methylphenol
 Concen: 41.463 ng
 RT: 8.833 min Scan# 1062
 Delta R.T. 0.006 min
 Lab File: BF132674.D
 Acq: 07 Mar 2023 12:46

Tgt Ion:107 Resp: 744159
 Ion Ratio Lower Upper
 107 100
 144 24.3 18.9 28.3
 142 74.6 57.9 86.9





#37

2-Methylnaphthalene

Concen: 37.008 ng

RT: 8.992 min Scan# 1050

Delta R.T. -0.000 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

Instrument :

BNA_F

ClientSampleId :

PB151052BSD

Tgt Ion:142 Resp: 1351292

Ion Ratio Lower Upper

142 100

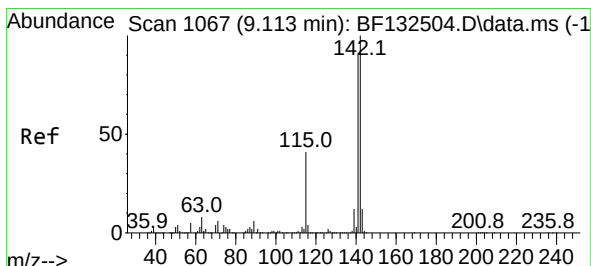
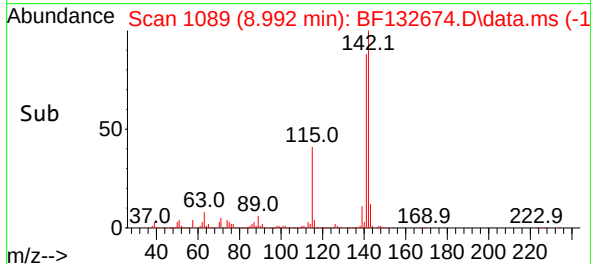
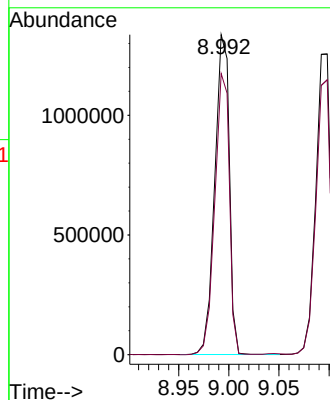
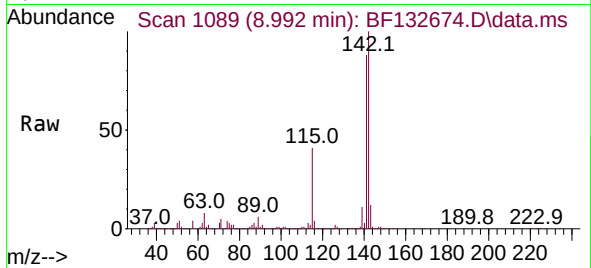
141 87.8 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#38

1-Methylnaphthalene

Concen: 36.889 ng

RT: 9.098 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BF132674.D

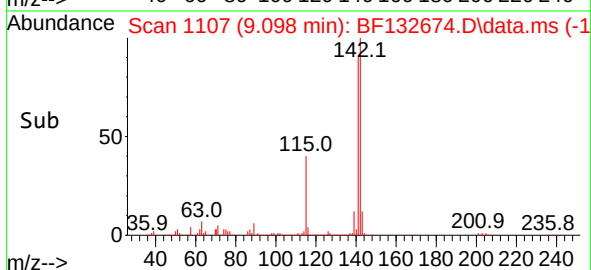
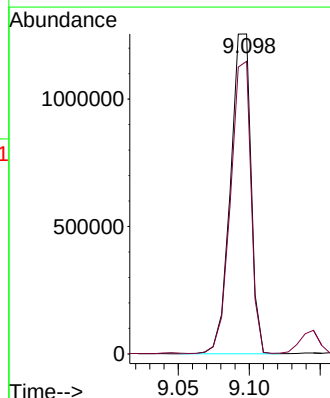
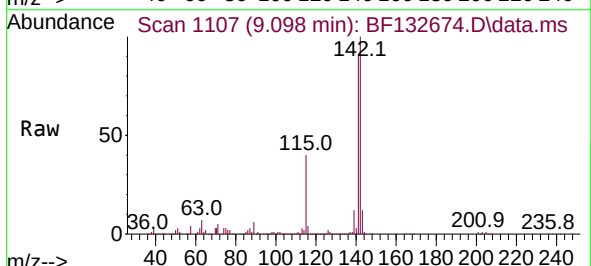
Acq: 07 Mar 2023 12:46

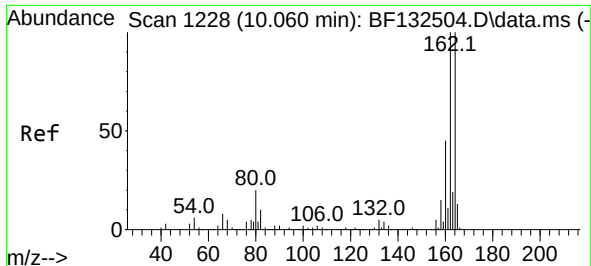
Tgt Ion:142 Resp: 1258763

Ion Ratio Lower Upper

142 100

141 91.4 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.045 min Scan# 1118

Delta R.T. 0.006 min

Lab File: BF132674.D

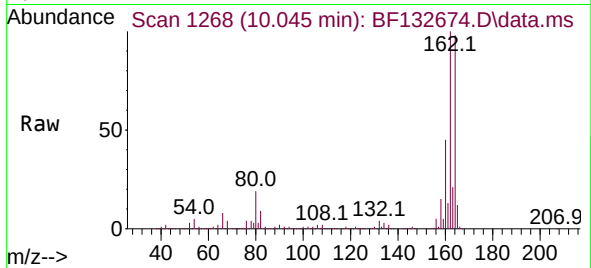
Acq: 07 Mar 2023 12:46

Instrument :

BNA_F

ClientSampleId :

PB151052BSD

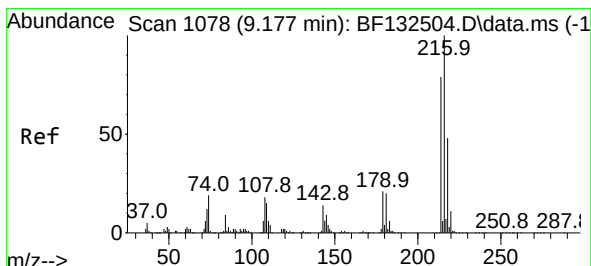
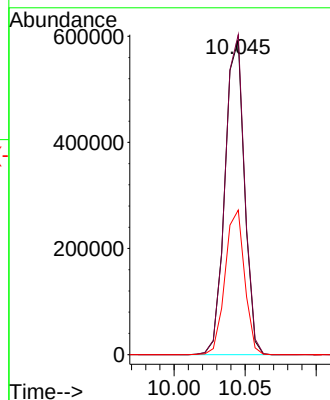
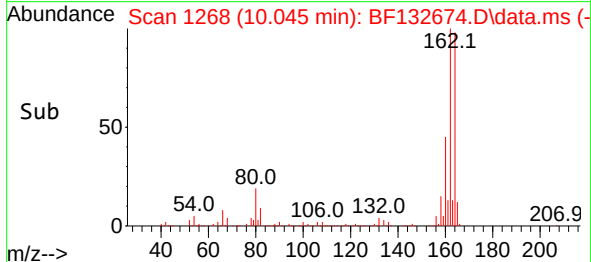


Tgt Ion:	164	Resp:	568036
Ion Ratio	Lower	Upper	
164	100		
162	101.7	79.8	119.8
160	45.9	35.8	53.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.242 ng

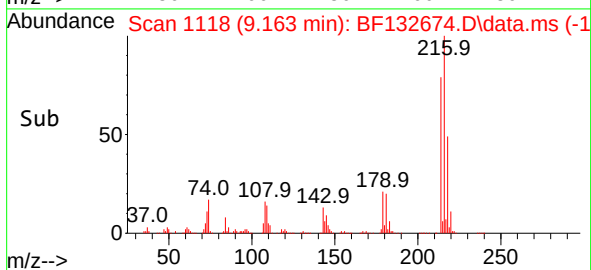
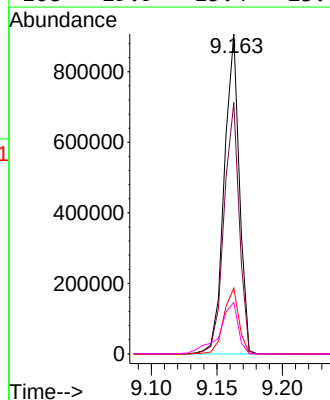
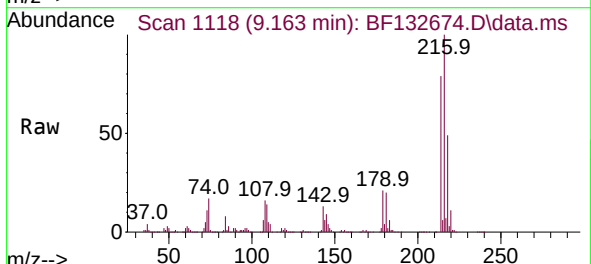
RT: 9.163 min Scan# 1118

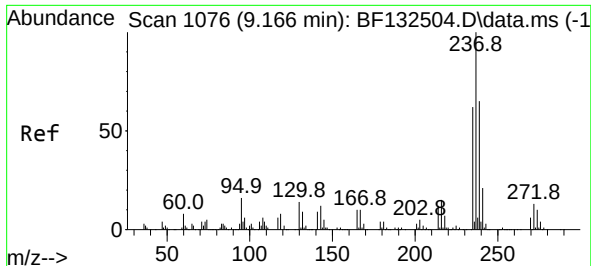
Delta R.T. 0.006 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

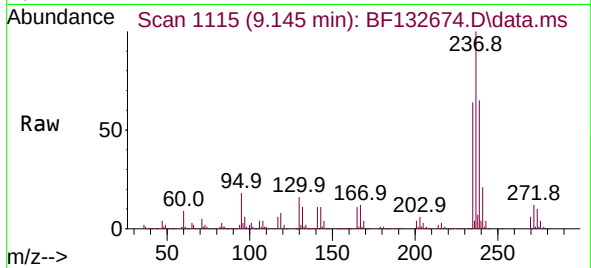
Tgt Ion:	216	Resp:	729299
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.0	94.6
179	20.4	16.6	24.8
108	19.9	15.4	23.0





#41
Hexachlorocyclopentadiene
Concen: 78.737 ng
RT: 9.145 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

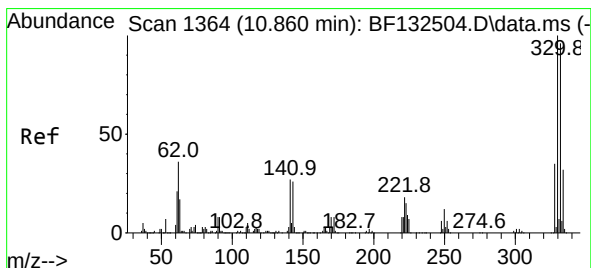
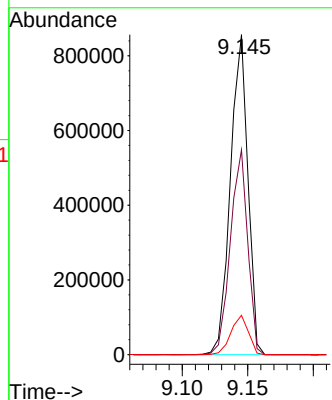
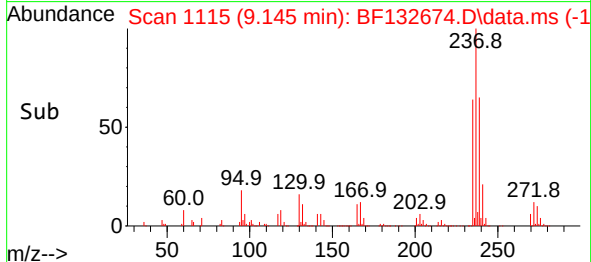
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



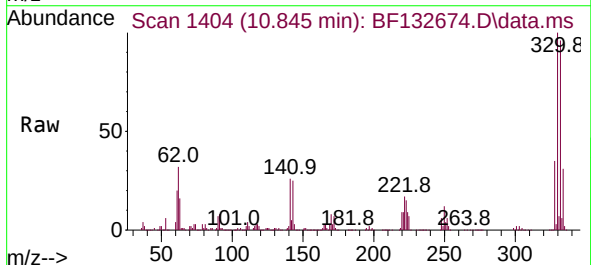
Tgt Ion:237 Resp: 793687
Ion Ratio Lower Upper
237 100
235 64.0 42.4 82.4
272 12.3 0.0 32.7

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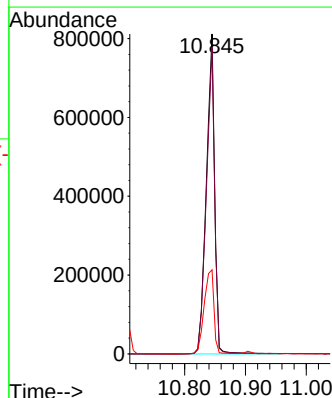
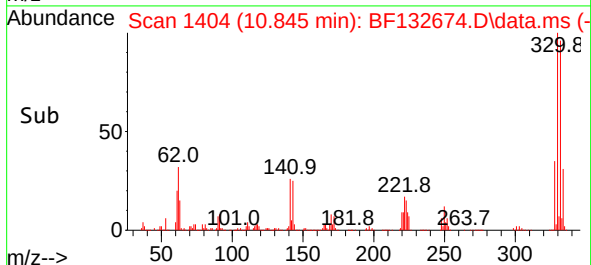
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

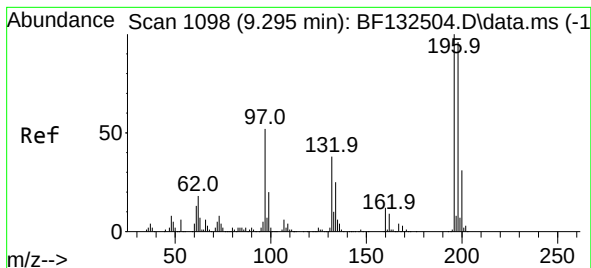


#42
2,4,6-Tribromophenol
Concen: 125.083 ng
RT: 10.845 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46



Tgt Ion:330 Resp: 767329
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 30.8 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 40.972 ng

RT: 9.275 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

Instrument :

BNA_F

ClientSampleId :

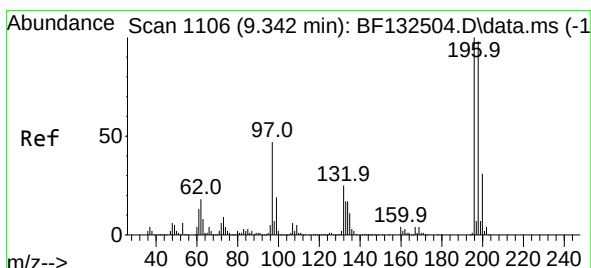
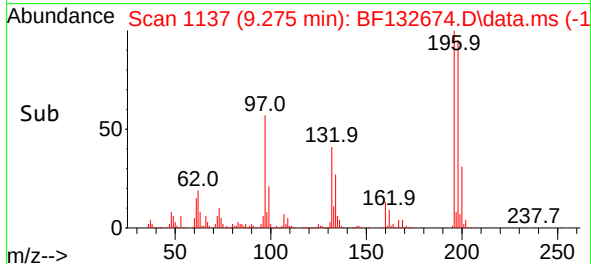
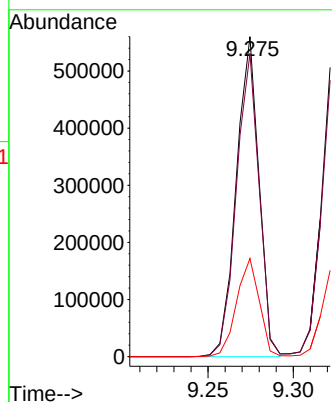
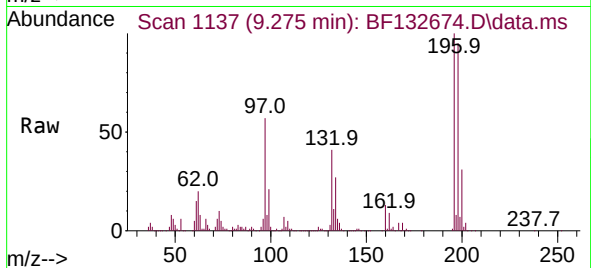
PB151052BSD

Tgt Ion:196	Resp: 516034
Ion Ratio	Lower Upper
196	100
198	94.8 77.1 115.7
200	30.7 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#44

2,4,5-Trichlorophenol

Concen: 37.218 ng

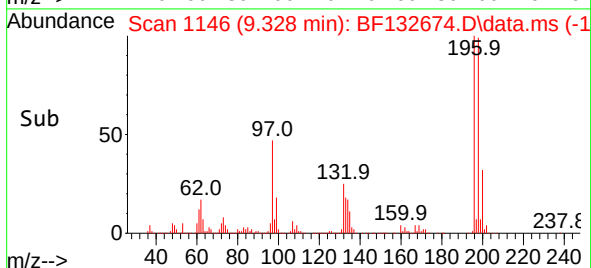
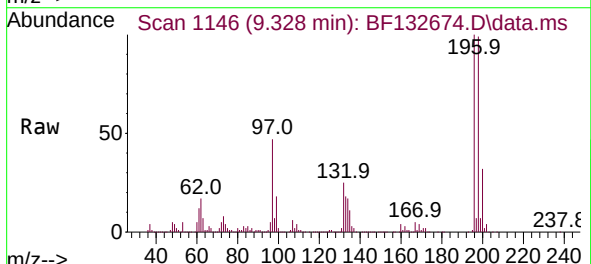
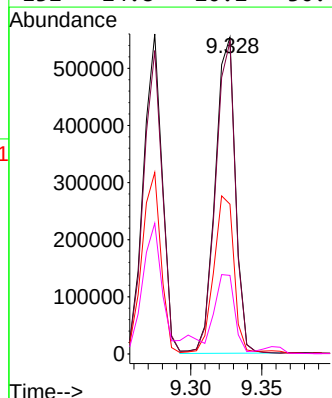
RT: 9.328 min Scan# 1146

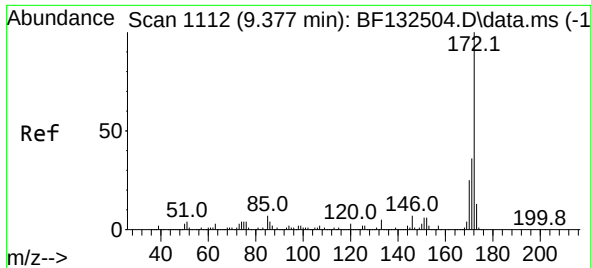
Delta R.T. 0.018 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

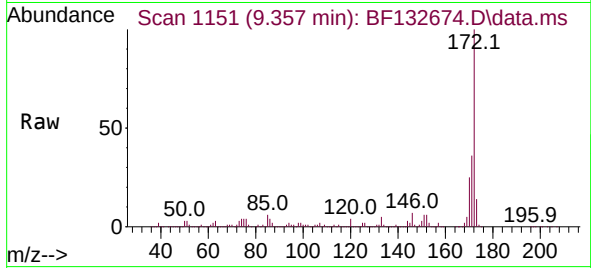
Tgt Ion:196	Resp: 547103
Ion Ratio	Lower Upper
196	100
198	98.6 78.3 117.5
97	47.3 38.1 57.1
132	24.8 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 69.866 ng
RT: 9.357 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

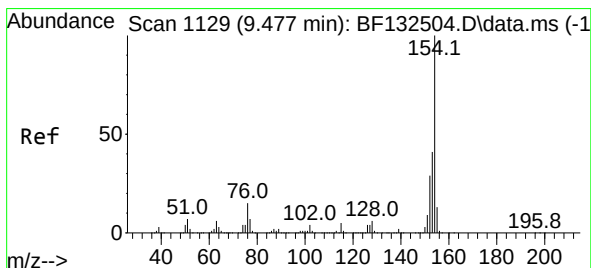
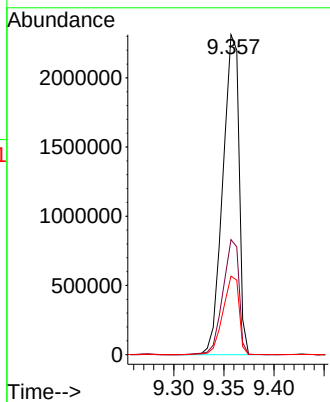
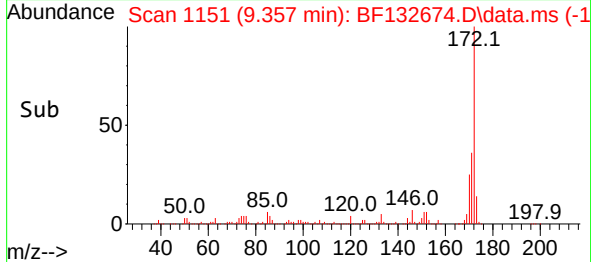
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



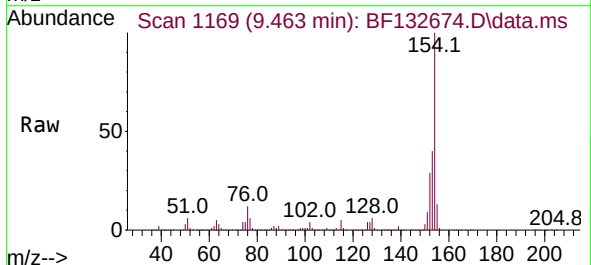
Tgt Ion:172 Resp: 2606398
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.6 19.7 29.5

Manual Integrations
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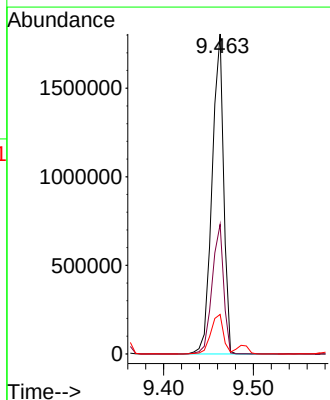
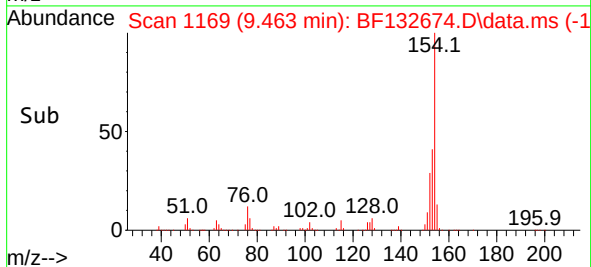
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

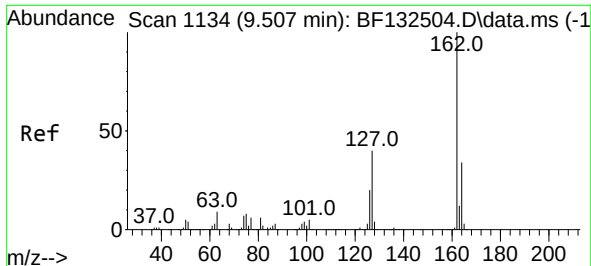


#46
1,1'-Biphenyl
Concen: 37.843 ng
RT: 9.463 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46



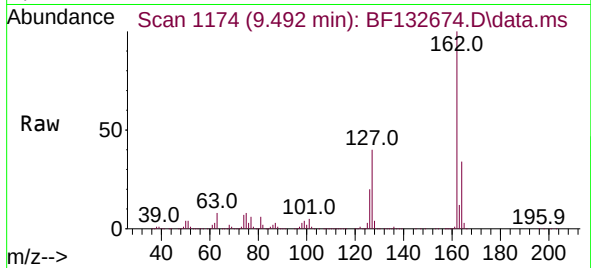
Tgt Ion:154 Resp: 1626998
Ion Ratio Lower Upper
154 100
153 40.5 20.9 60.9
76 12.3 0.0 34.7





#47
2-Chloronaphthalene
Concen: 39.004 ng
RT: 9.492 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

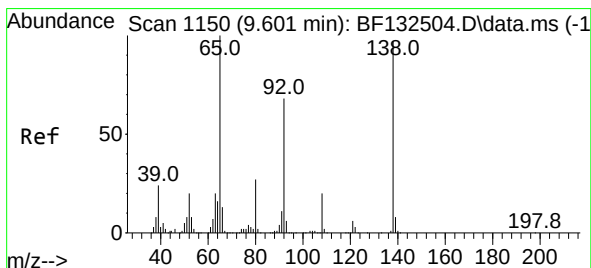
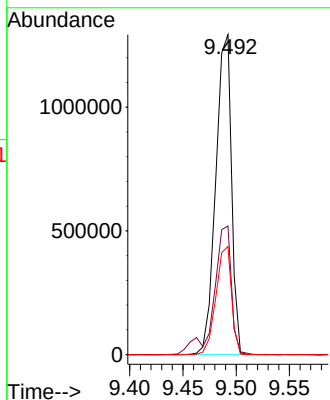
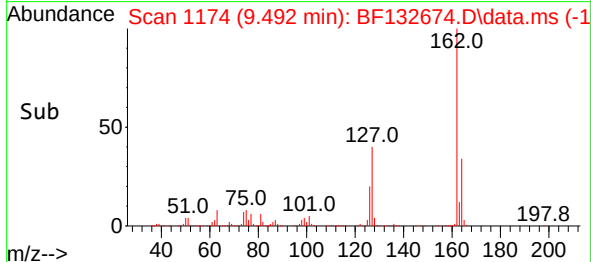
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



Tgt Ion:162 Resp: 1329552
Ion Ratio Lower Upper
162 100
127 40.2 32.3 48.5
164 33.8 26.9 40.3

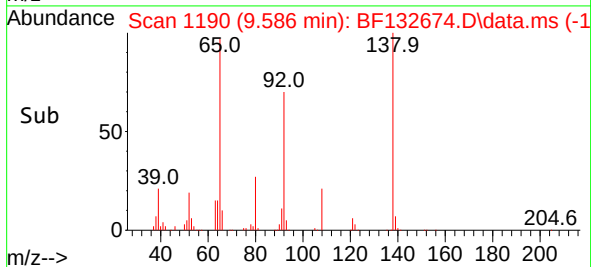
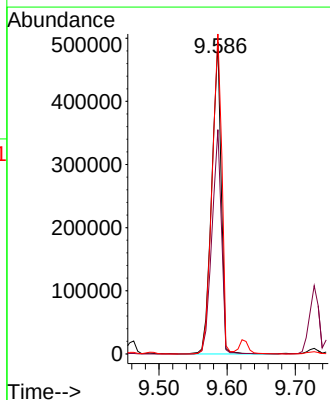
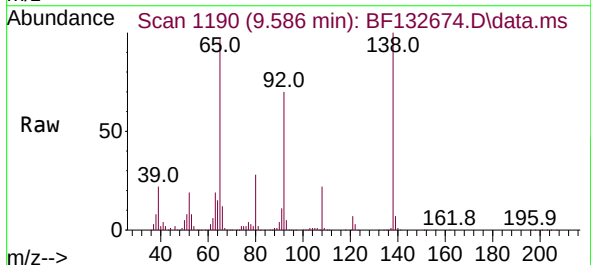
Manual Integrations
APPROVED

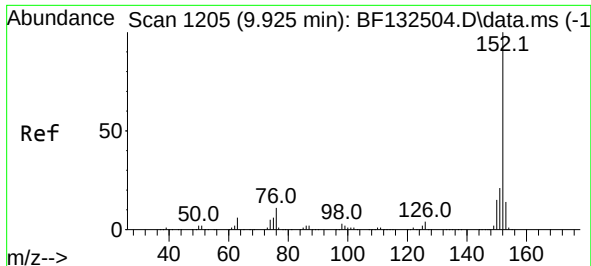
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#48
2-Nitroaniline
Concen: 37.929 ng
RT: 9.586 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

Tgt Ion: 65 Resp: 476173
Ion Ratio Lower Upper
65 100
92 71.9 54.5 81.7
138 102.6 77.2 115.8





#49

Acenaphthylene

Concen: 36.380 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132674.D

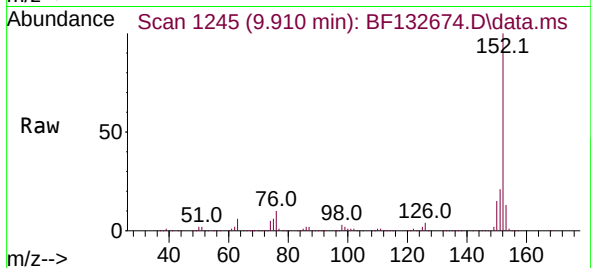
Acq: 07 Mar 2023 12:46

Instrument :

BNA_F

ClientSampleId :

PB151052BSD



Tgt Ion:152 Resp: 1973644

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

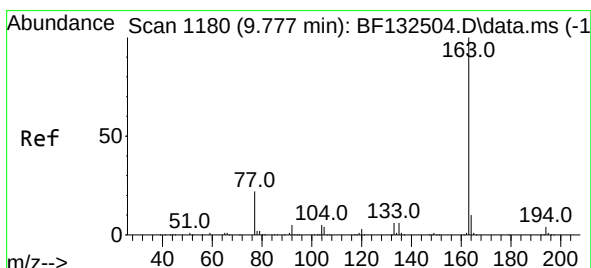
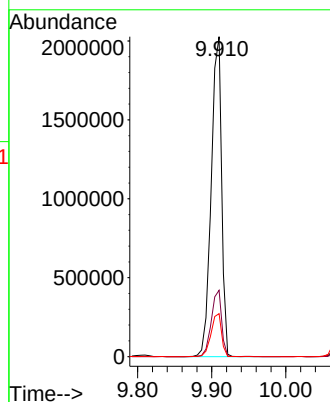
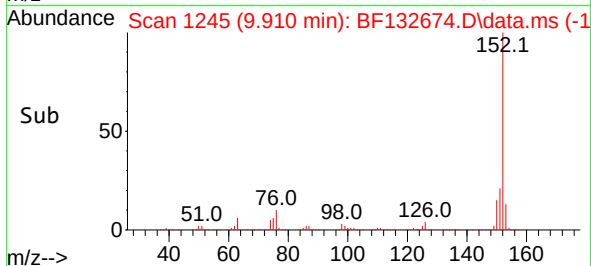
153 13.4 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#50

Dimethylphthalate

Concen: 40.822 ng

RT: 9.763 min Scan# 1220

Delta R.T. 0.006 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

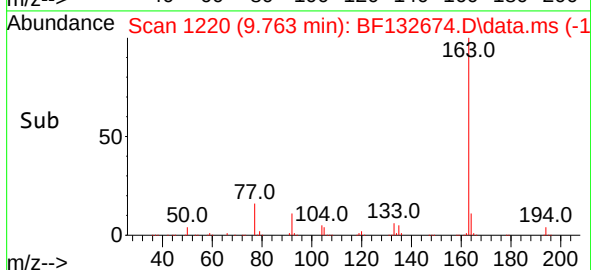
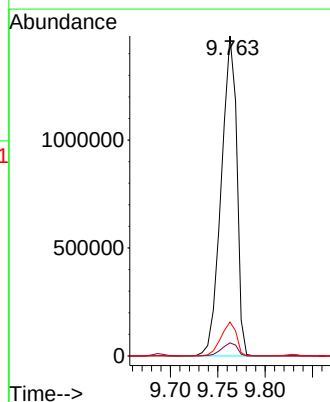
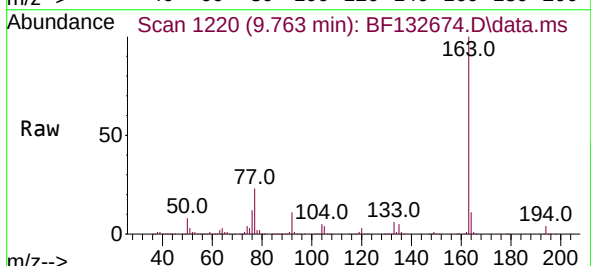
Tgt Ion:163 Resp: 1688414

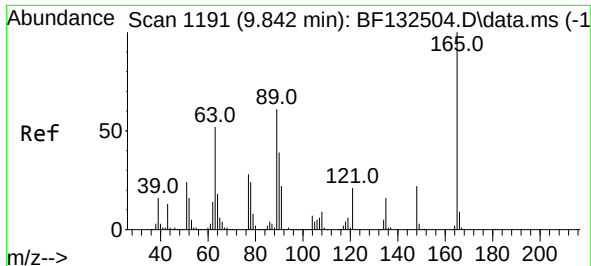
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.6 8.3 12.5





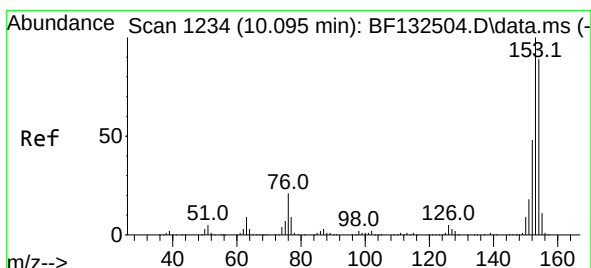
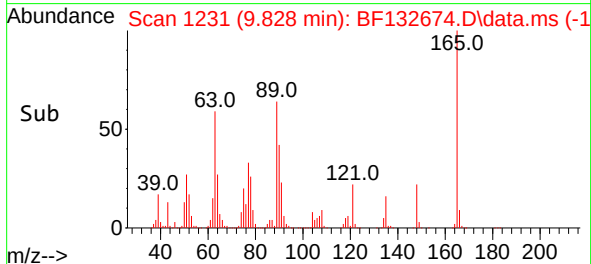
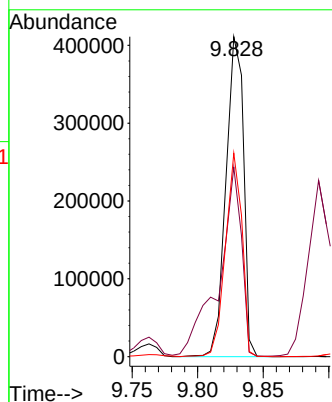
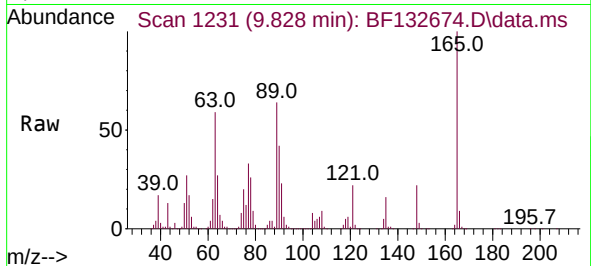
#51
2,6-Dinitrotoluene
Concen: 40.836 ng
RT: 9.828 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

Instrument :
BNA_F
ClientSampleId :
PB151052BSD

Tgt Ion:165 Resp: 38465
Ion Ratio Lower Upper
165 100
63 59.2 47.3 70.9
89 63.6 48.9 73.3

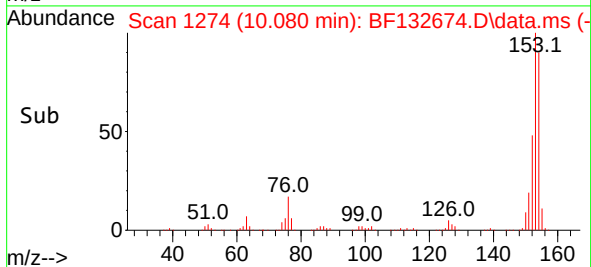
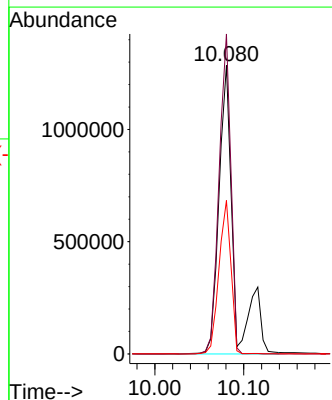
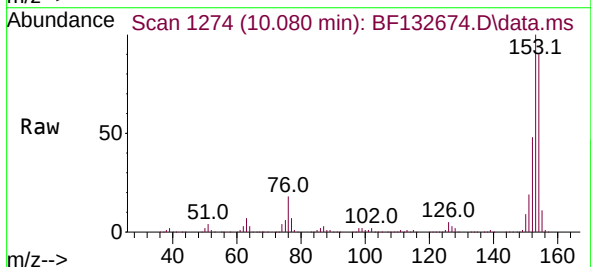
Manual Integrations
APPROVED

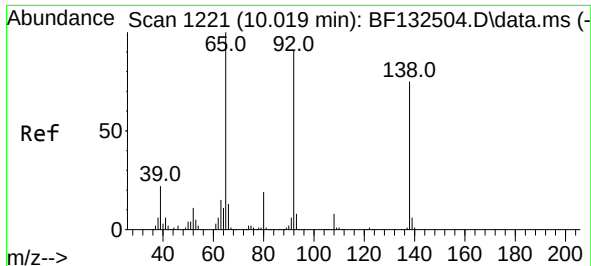
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#52
Acenaphthene
Concen: 43.228 ng m
RT: 10.080 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

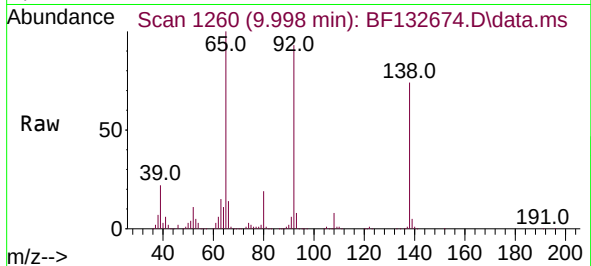
Tgt Ion:154 Resp: 1489129
Ion Ratio Lower Upper
154 100
153 111.0 89.8 134.8
152 53.2 43.3 64.9





#53
3-Nitroaniline
Concen: 30.943 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

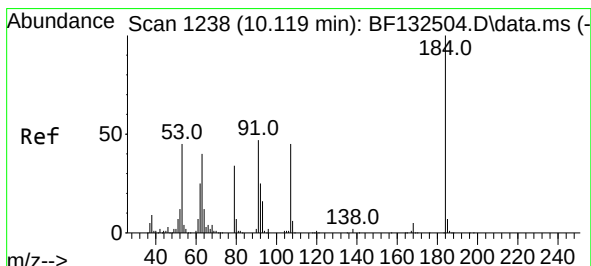
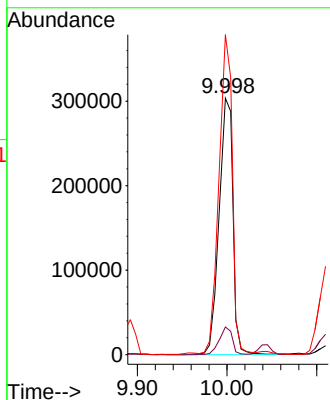
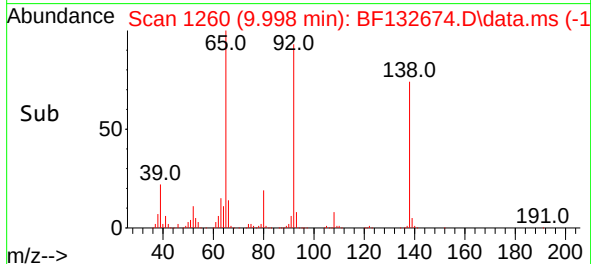
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



Tgt Ion:138 Resp: 326042
Ion Ratio Lower Upper
138 100
108 10.8 8.1 12.1
92 124.8 97.2 145.8

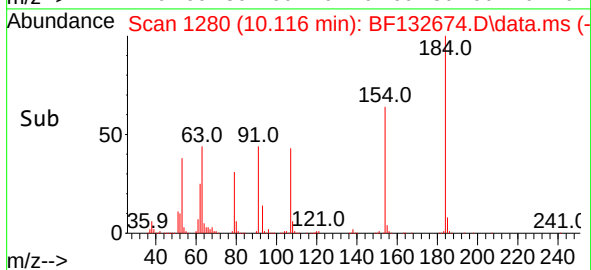
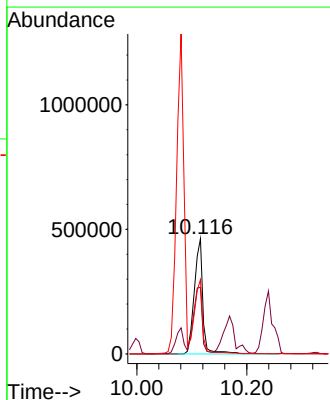
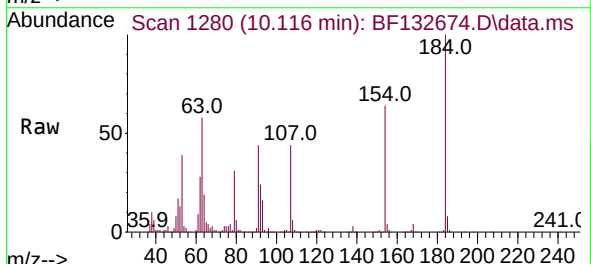
Manual Integrations
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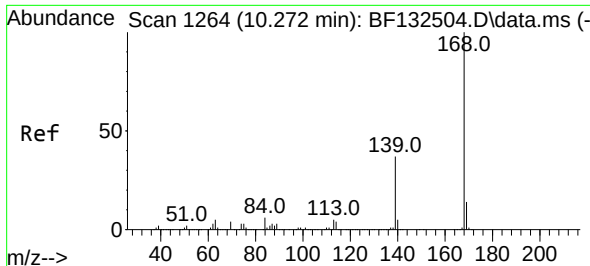
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#54
2,4-Dinitrophenol
Concen: 84.951 ng
RT: 10.116 min Scan# 1280
Delta R.T. 0.012 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

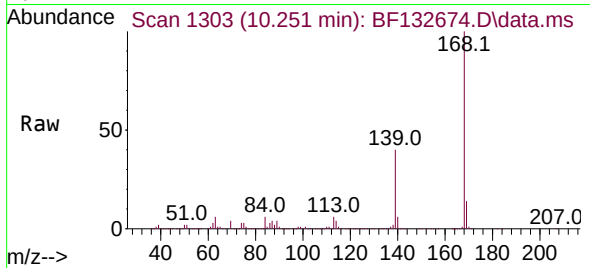
Tgt Ion:184 Resp: 504941
Ion Ratio Lower Upper
184 100
63 57.8 51.4 77.2
154 64.5 48.3 72.5





#55
Dibenzenofuran
Concen: 35.648 ng
RT: 10.251 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

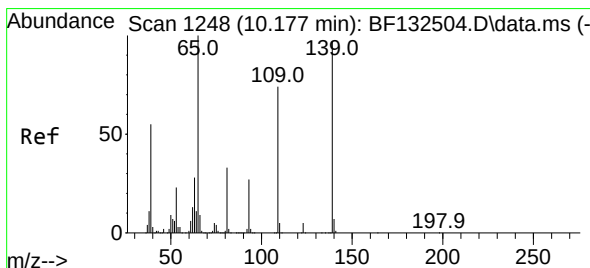
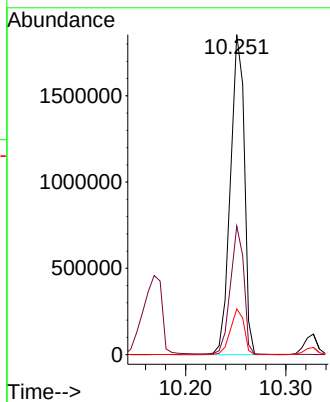
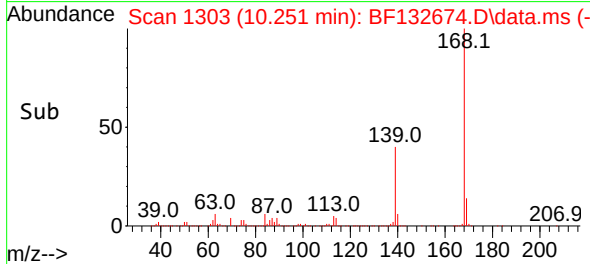
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



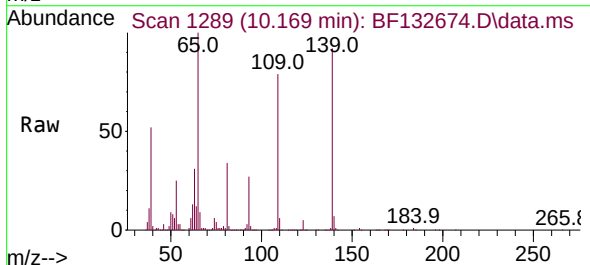
Tgt Ion:168 Resp: 1790248
Ion Ratio Lower Upper
168 100
139 40.2 29.8 44.6
169 14.3 10.9 16.3

Manual Integrations
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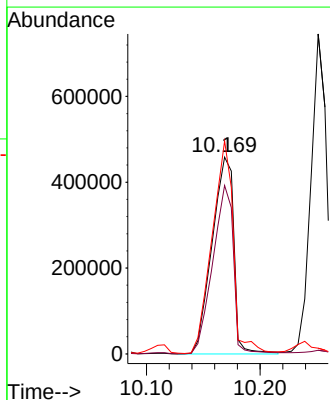
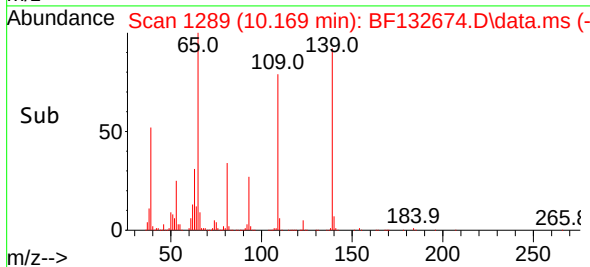
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

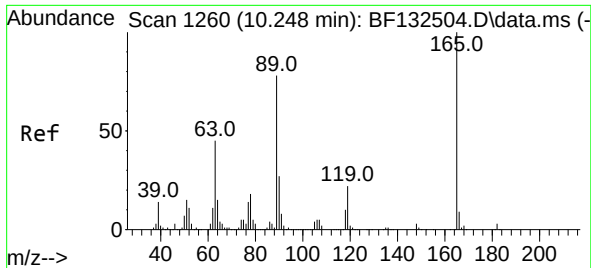


#56
4-Nitrophenol
Concen: 77.512 ng
RT: 10.169 min Scan# 1289
Delta R.T. 0.018 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46



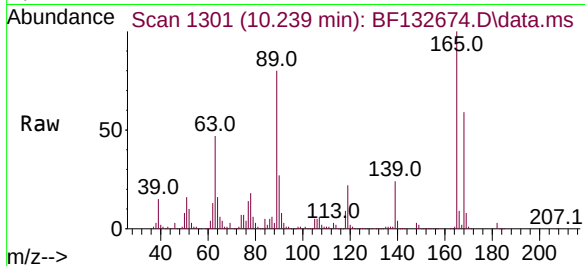
Tgt Ion:139 Resp: 609084
Ion Ratio Lower Upper
139 100
109 85.6 56.7 96.7
65 108.2 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 39.145 ng
RT: 10.239 min Scan# 1301
Delta R.T. 0.012 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

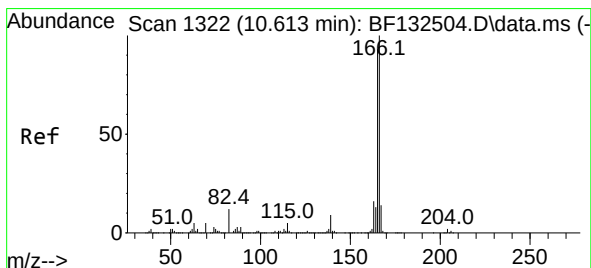
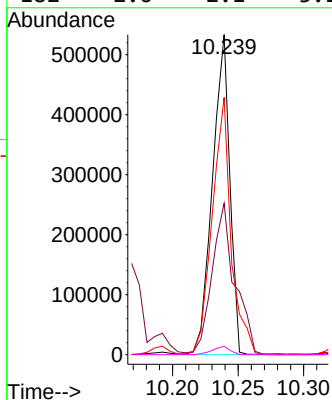
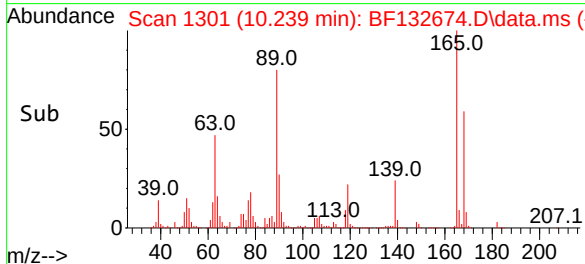
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



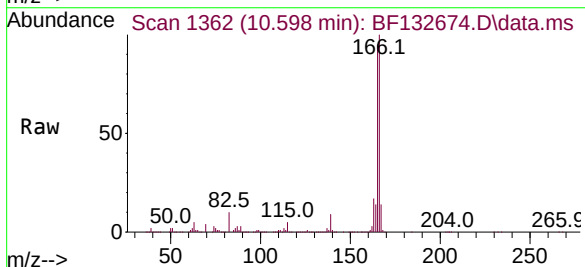
Tgt Ion:165 Resp: 490537
Ion Ratio Lower Upper
165 100
63 47.3 36.5 54.7
89 80.4 62.4 93.6
182 2.6 2.1 3.1

Manual Integrations
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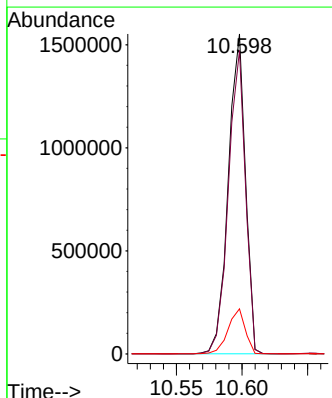
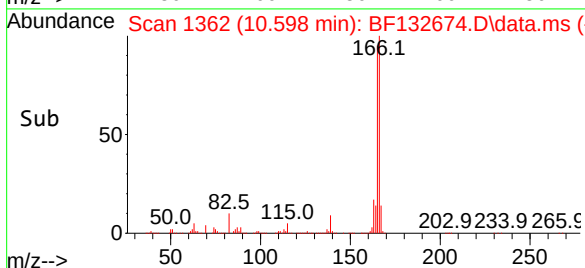
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

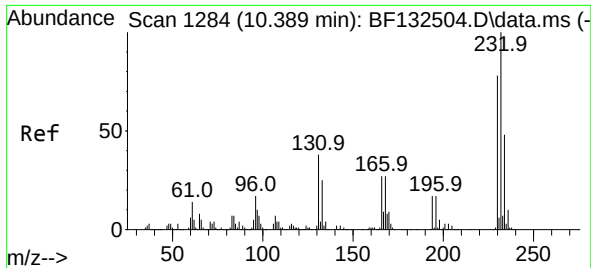


#58
Fluorene
Concen: 36.812 ng
RT: 10.598 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46



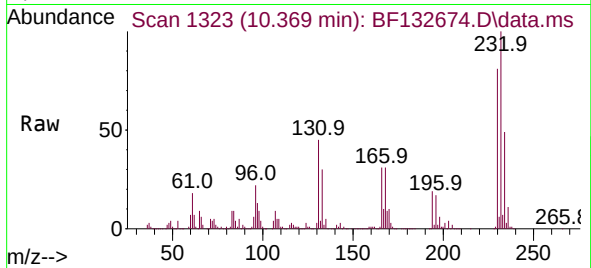
Tgt Ion:166 Resp: 1414079
Ion Ratio Lower Upper
166 100
165 94.8 74.2 111.4
167 14.1 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.383 ng
RT: 10.369 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

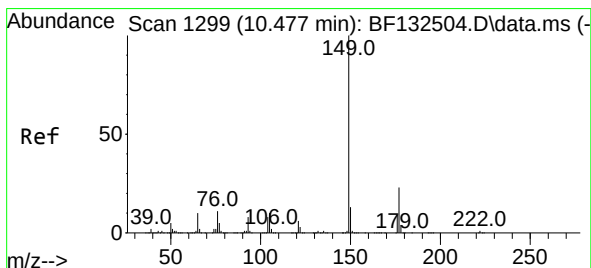
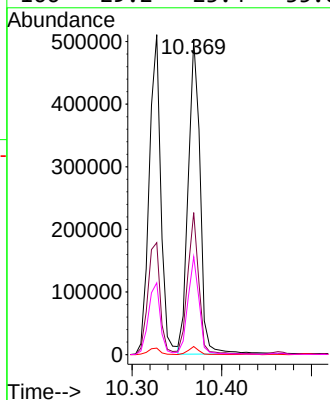
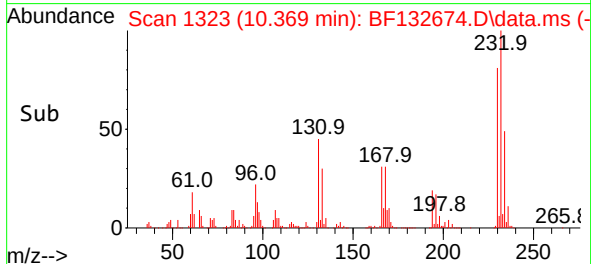
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



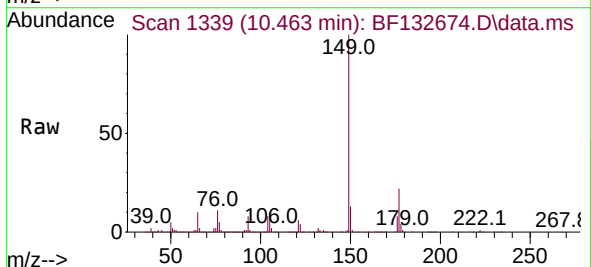
Tgt Ion:232 Resp: 462811
Ion Ratio Lower Upper
232 100
131 42.0 33.8 50.8
130 2.3 1.7 2.5
166 29.2 23.4 35.0

Manual Integrations
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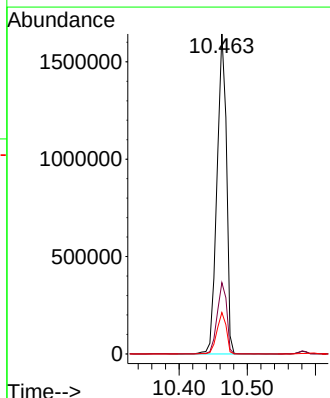
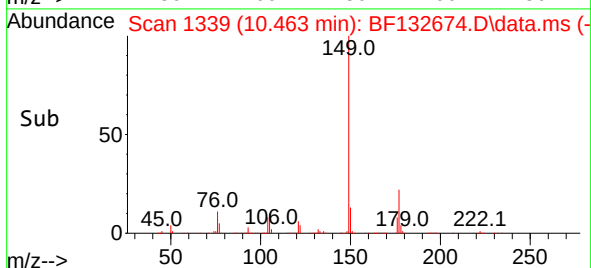
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

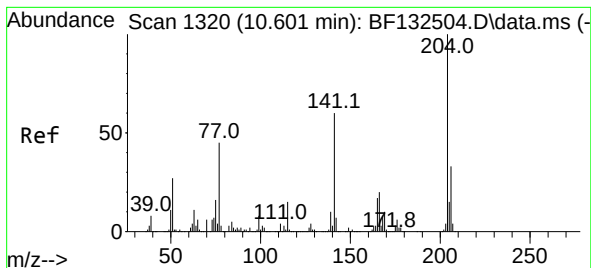


#60
Diethylphthalate
Concen: 39.066 ng
RT: 10.463 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46



Tgt Ion:149 Resp: 1578038
Ion Ratio Lower Upper
149 100
177 22.3 18.1 27.1
150 12.9 10.2 15.2





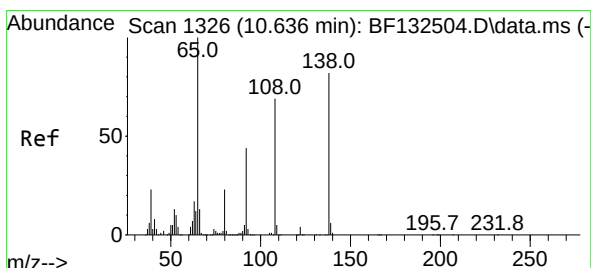
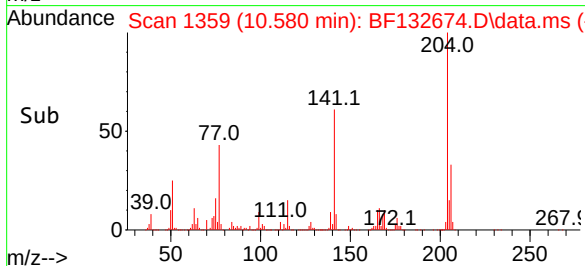
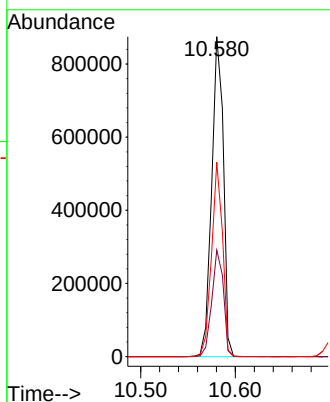
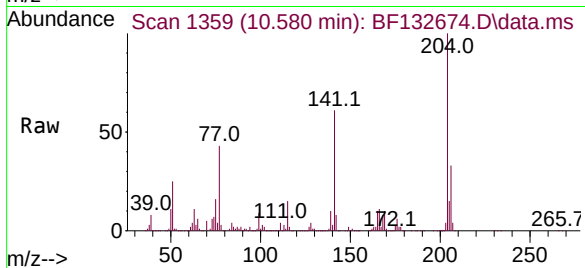
#61
4-Chlorophenyl-phenylether
Concen: 37.729 ng
RT: 10.580 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

Instrument :
BNA_F
ClientSampleId :
PB151052BSD

Tgt Ion:204 Resp: 751856
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 60.7 47.8 71.8

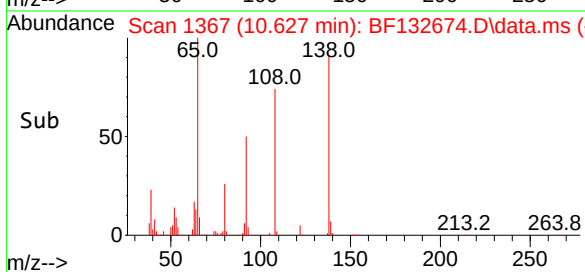
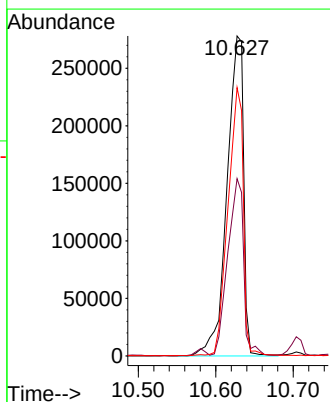
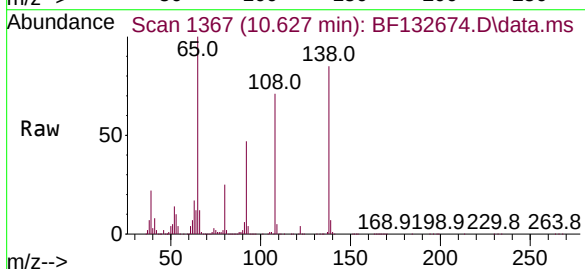
Manual Integrations
APPROVED

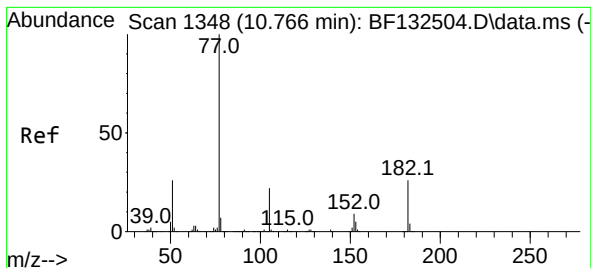
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#62
4-Nitroaniline
Concen: 40.100 ng
RT: 10.627 min Scan# 1367
Delta R.T. 0.012 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

Tgt Ion:138 Resp: 414752
Ion Ratio Lower Upper
138 100
92 55.4 33.8 73.8
108 83.8 63.7 103.7





#63

Azobenzene

Concen: 36.913 ng

RT: 10.745 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

Instrument :

BNA_F

ClientSampleId :

PB151052BSD

Tgt Ion: 77 Resp: 1579154

Ion Ratio Lower Upper

77 100

182 25.1 5.5 45.5

105 21.0 1.8 41.8

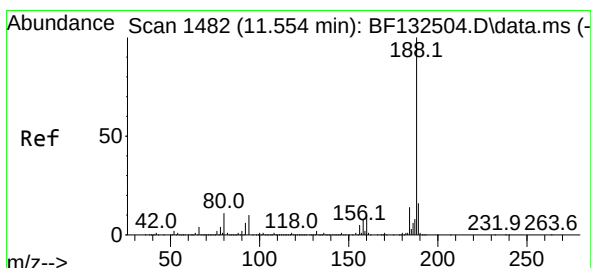
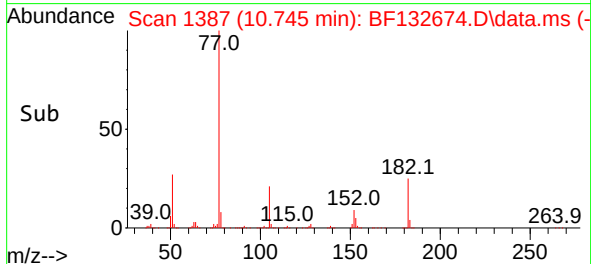
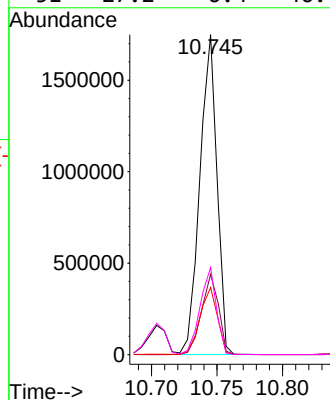
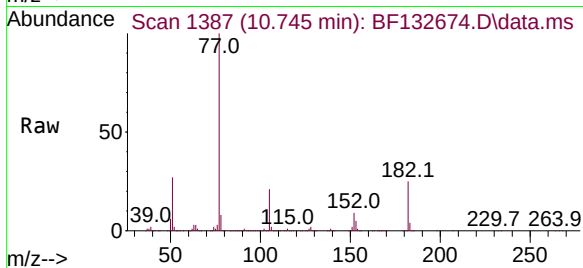
51 27.2 6.4 46.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.539 min Scan# 1522

Delta R.T. 0.006 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

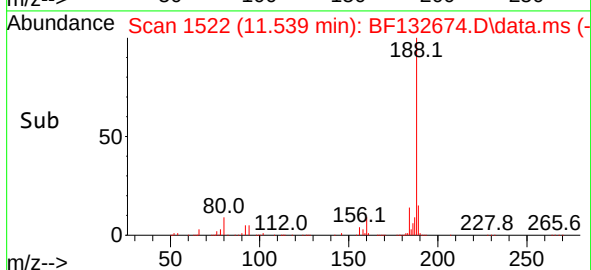
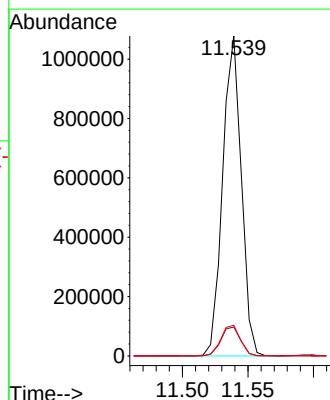
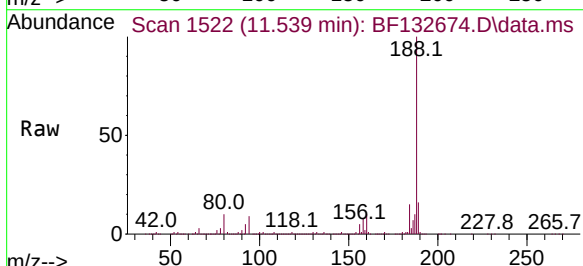
Tgt Ion:188 Resp: 1066335

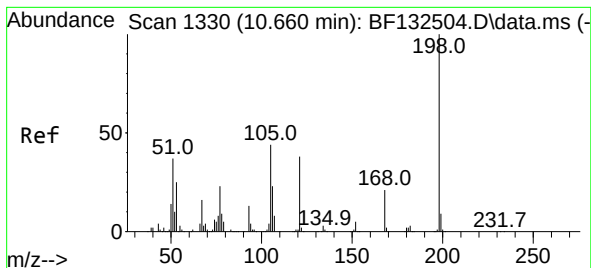
Ion Ratio Lower Upper

188 100

94 9.0 8.3 12.5

80 9.6 8.7 13.1





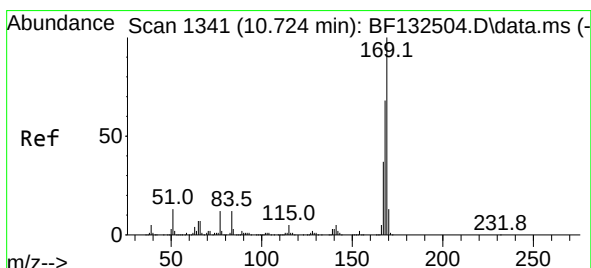
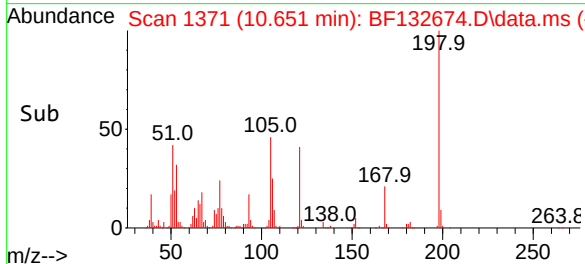
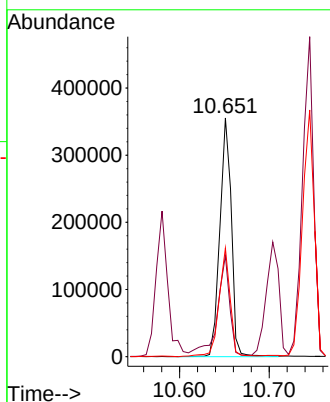
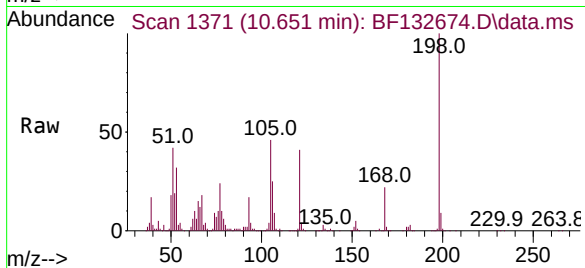
#65
4,6-Dinitro-2-methylphenol
Concen: 44.093 ng
RT: 10.651 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

Instrument :
BNA_F
ClientSampleId :
PB151052BSD

Tgt Ion:198 Resp: 318285
Ion Ratio Lower Upper
198 100
51 42.4 20.6 60.6
105 45.5 24.3 64.3

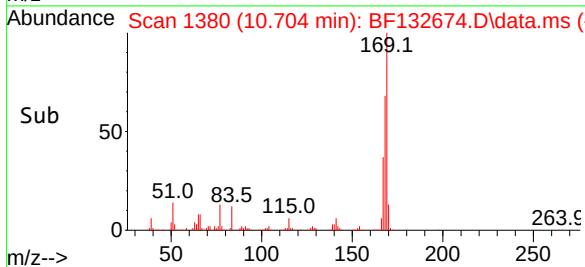
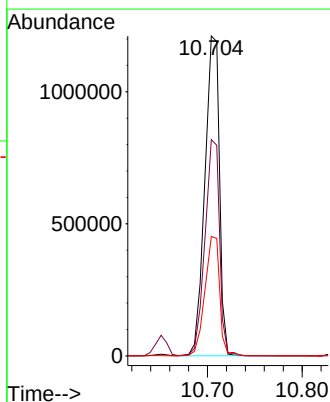
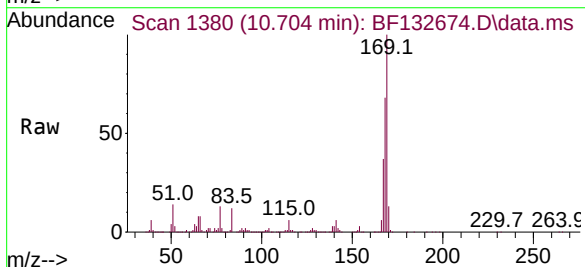
Manual Integrations
APPROVED

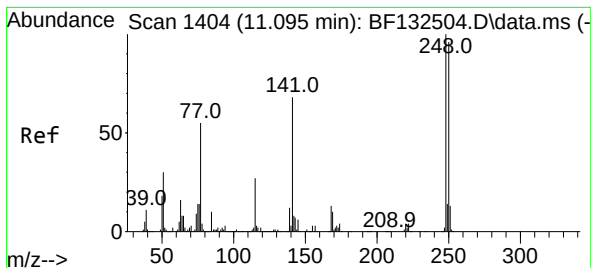
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#66
n-Nitrosodiphenylamine
Concen: 39.131 ng
RT: 10.704 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

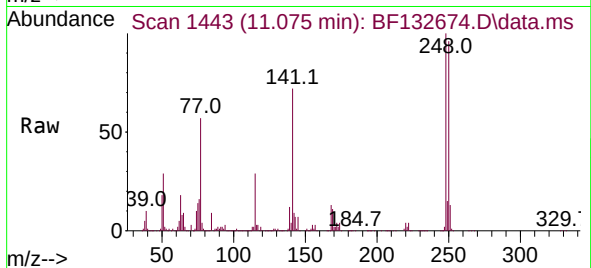
Tgt Ion:169 Resp: 1300858
Ion Ratio Lower Upper
169 100
168 67.6 54.2 81.4
167 37.3 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 41.050 ng
RT: 11.075 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

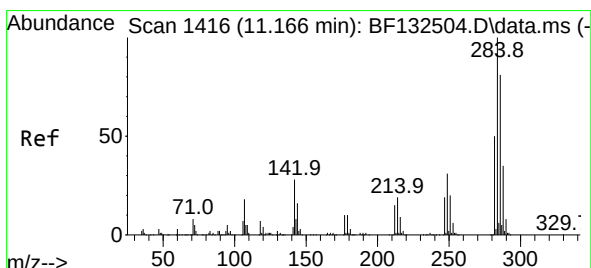
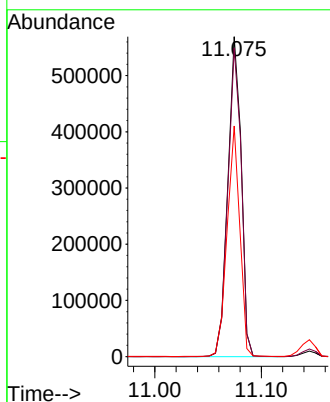
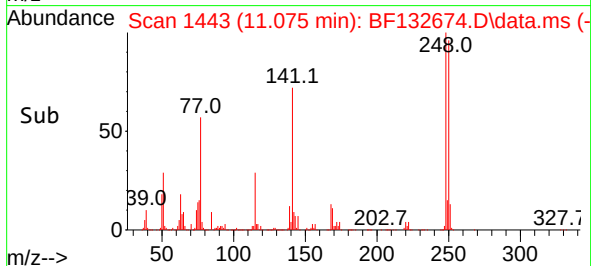
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



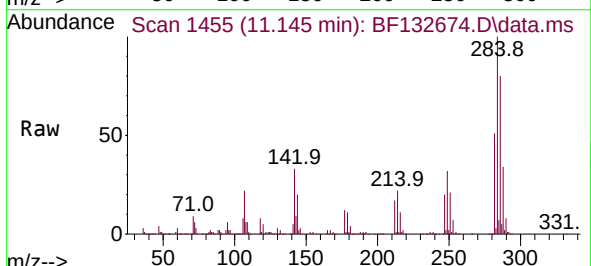
Tgt Ion:248 Resp: 495140
Ion Ratio Lower Upper
248 100
250 96.4 77.0 115.4
141 72.1 54.2 81.2

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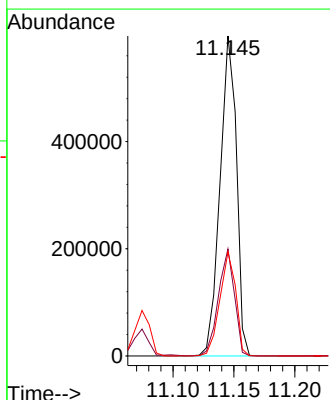
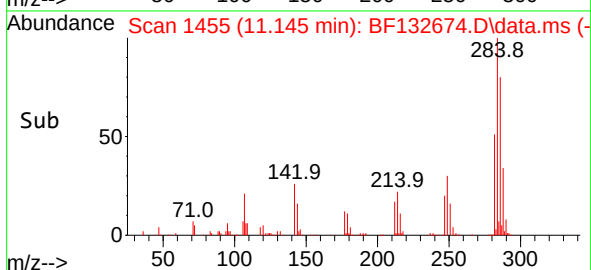
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

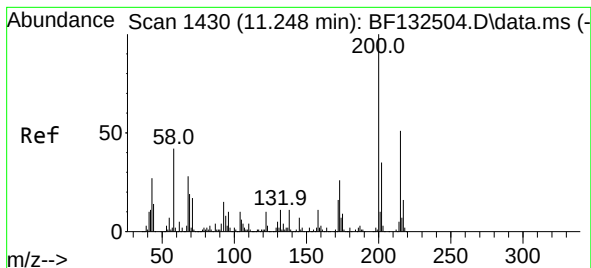


#68
Hexachlorobenzene
Concen: 44.074 ng
RT: 11.145 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46



Tgt Ion:284 Resp: 559387
Ion Ratio Lower Upper
284 100
142 33.4 22.2 33.4#
249 32.5 24.9 37.3





#69

Atrazine

Concen: 44.710 ng

RT: 11.233 min Scan# 14

Delta R.T. 0.012 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

Instrument :

BNA_F

ClientSampleId :

PB151052BSD

Tgt Ion:200 Resp: 464018

Ion Ratio Lower Upper

200 100

173 24.7 6.4 46.4

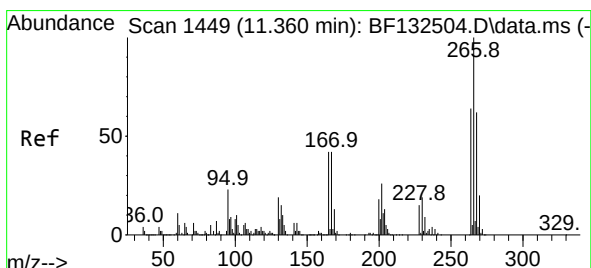
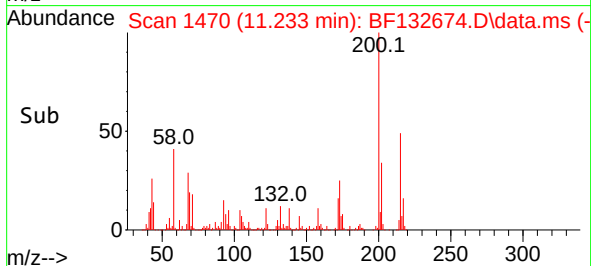
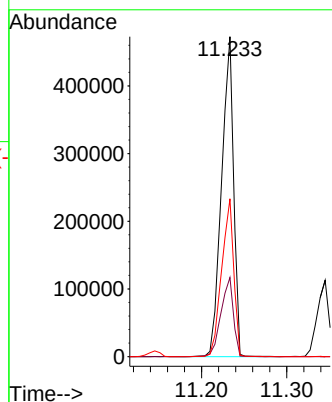
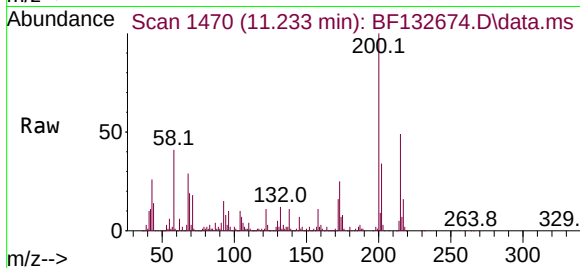
215 49.3 31.0 71.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#70

Pentachlorophenol

Concen: 78.129 ng

RT: 11.345 min Scan# 1489

Delta R.T. 0.006 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

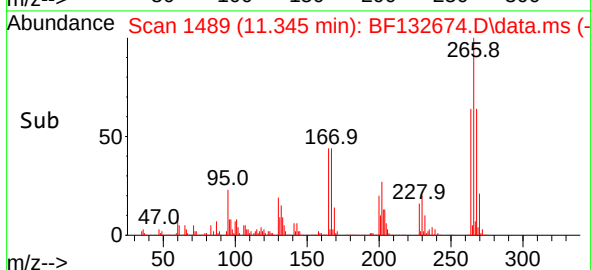
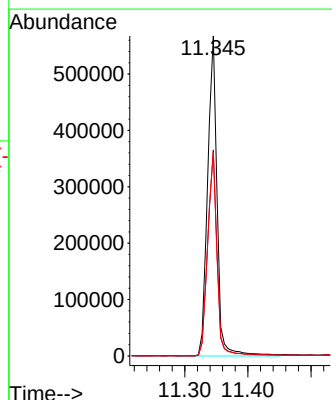
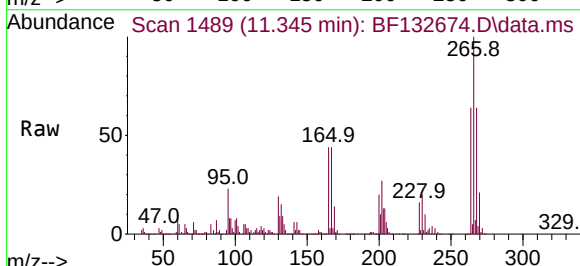
Tgt Ion:266 Resp: 589972

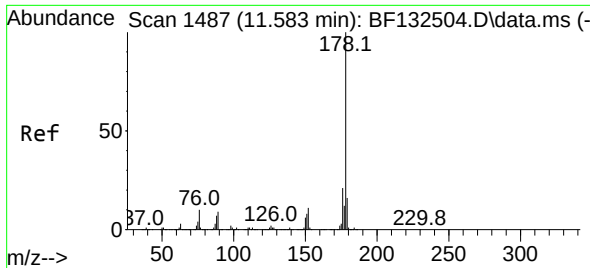
Ion Ratio Lower Upper

266 100

268 64.4 49.8 74.6

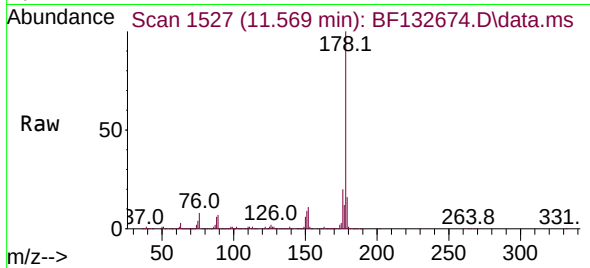
264 63.8 50.9 76.3





#71
Phenanthrene
Concen: 38.264 ng
RT: 11.569 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

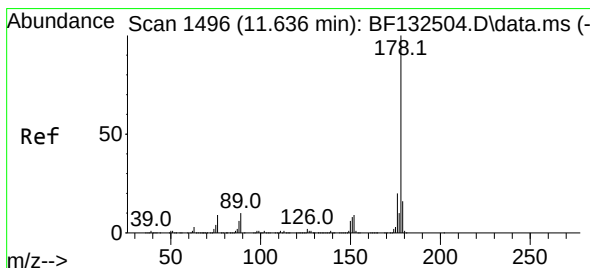
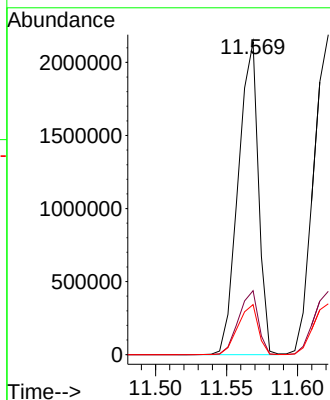
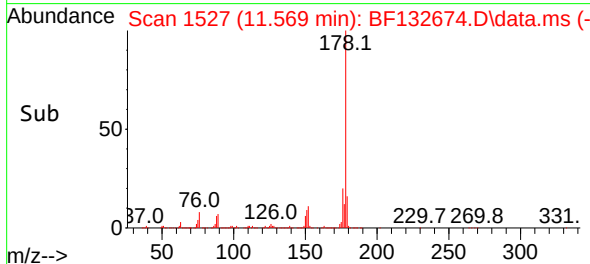
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



Tgt Ion:178 Resp: 211374
Ion Ratio Lower Upper
178 100
176 20.4 16.5 24.7
179 16.0 13.0 19.6

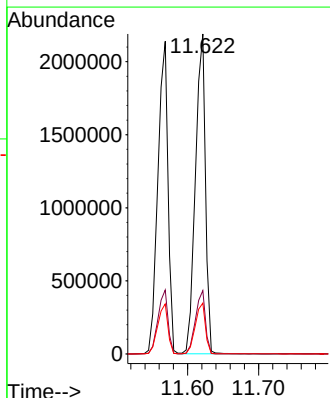
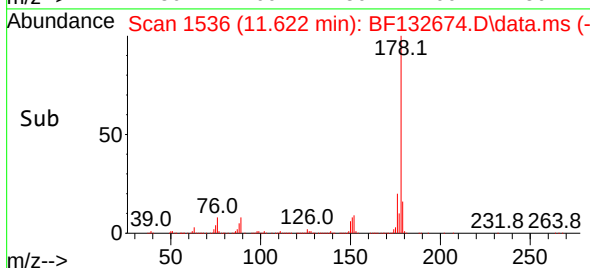
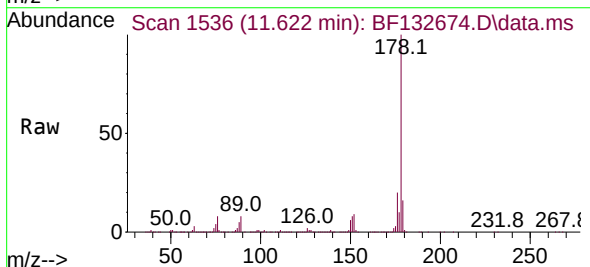
Manual Integrations
APPROVED

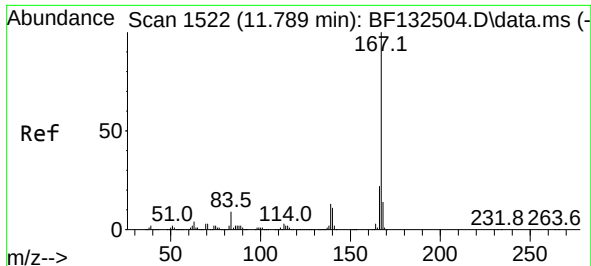
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#72
Anthracene
Concen: 37.804 ng
RT: 11.622 min Scan# 1536
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

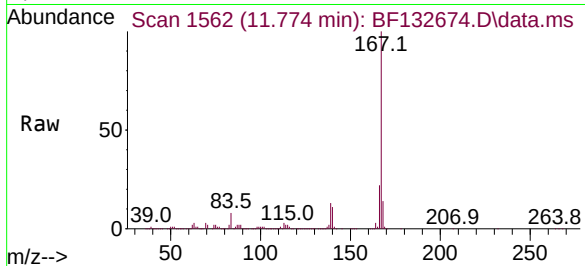
Tgt Ion:178 Resp: 2150507
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.9 12.5 18.7





#73
 Carbazole
 Concen: 38.281 ng
 RT: 11.774 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF132674.D
 Acq: 07 Mar 2023 12:46

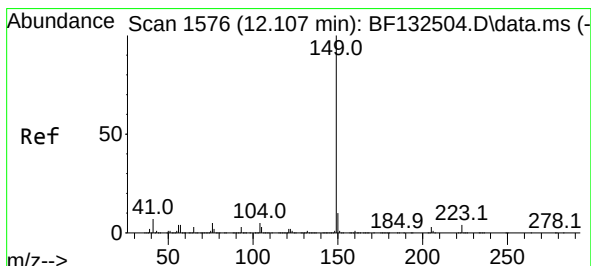
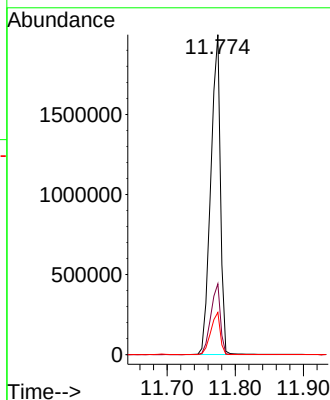
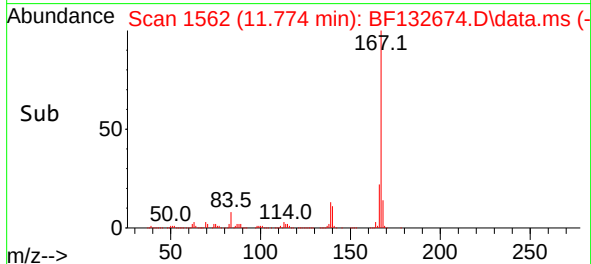
Instrument :
 BNA_F
 ClientSampleId :
 PB151052BSD



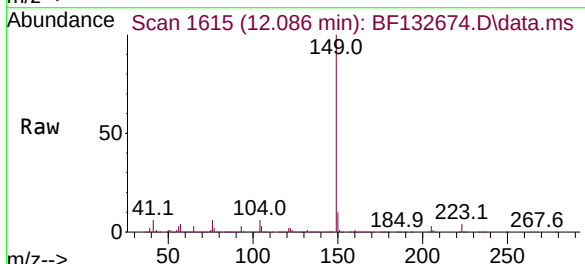
Tgt Ion:167 Resp: 1963373
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.2 10.5 15.7

Manual Integrations
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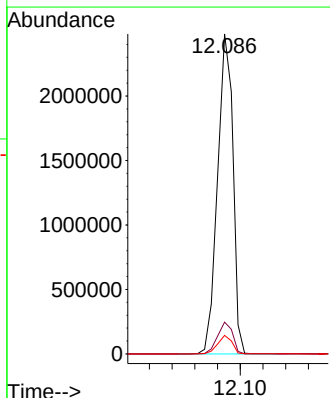
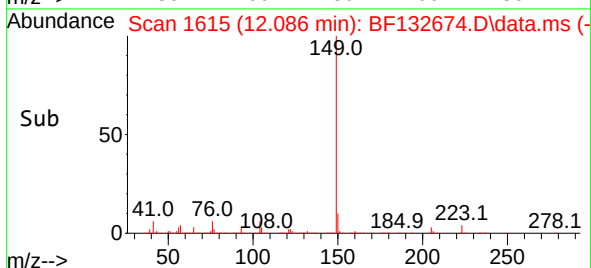
Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023

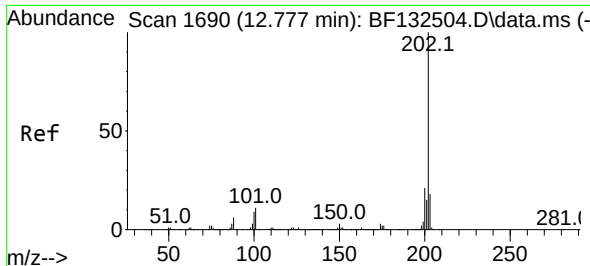


#74
 Di-n-butylphthalate
 Concen: 38.702 ng
 RT: 12.086 min Scan# 1615
 Delta R.T. -0.000 min
 Lab File: BF132674.D
 Acq: 07 Mar 2023 12:46



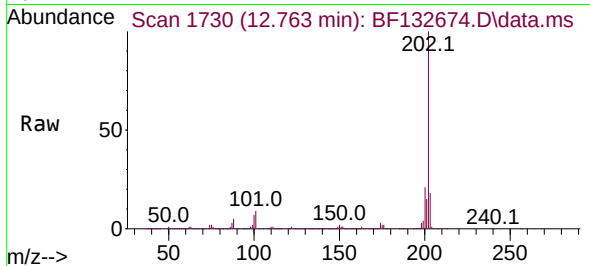
Tgt Ion:149 Resp: 2328399
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 5.8 4.3 6.5





#75
Fluoranthene
Concen: 37.225 ng
RT: 12.763 min Scan# 1730
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

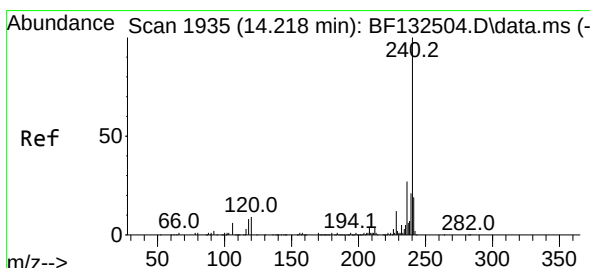
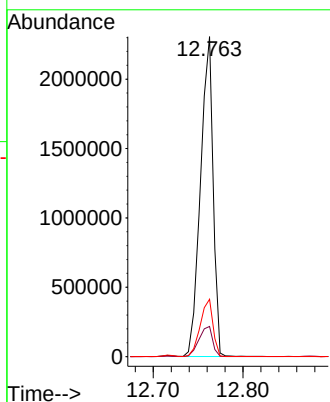
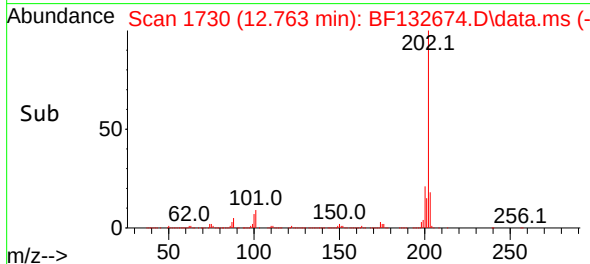
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



Tgt Ion:202 Resp: 2248033
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.4
203 17.9 0.0 38.0

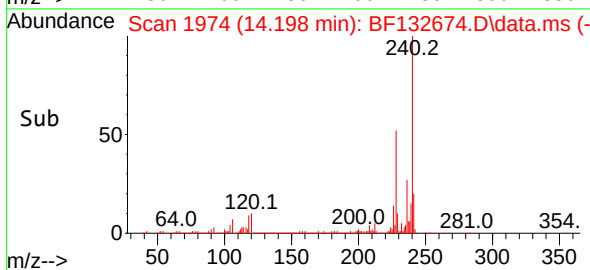
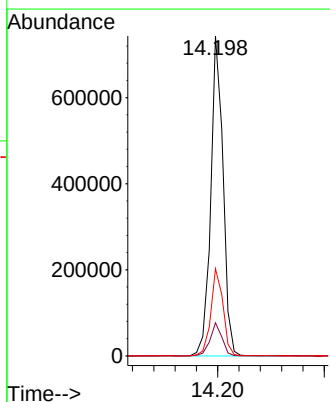
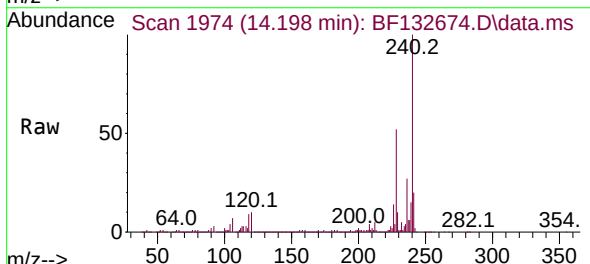
Manual Integrations
APPROVED

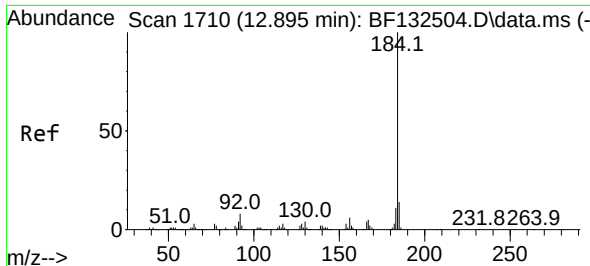
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

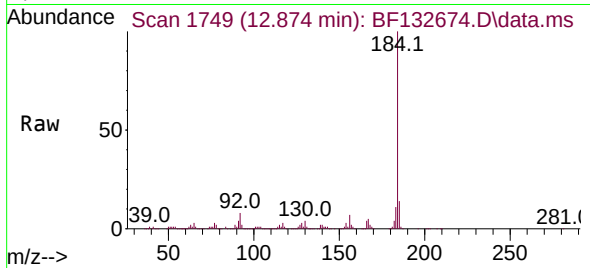
Tgt Ion:240 Resp: 596364
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 27.2 21.8 32.6





#77
Benzidine
Concen: 40.265 ng
RT: 12.874 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

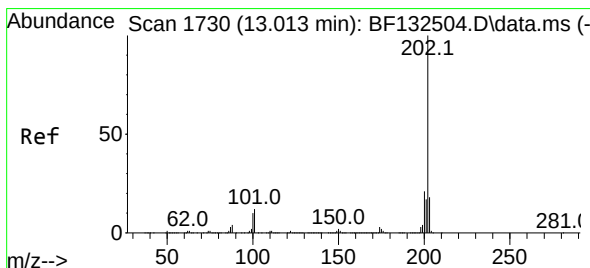
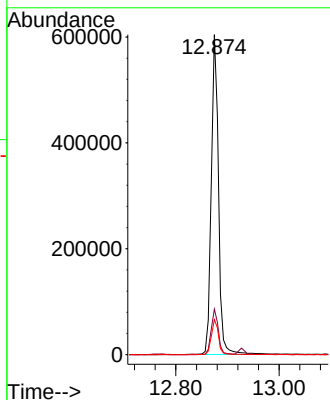
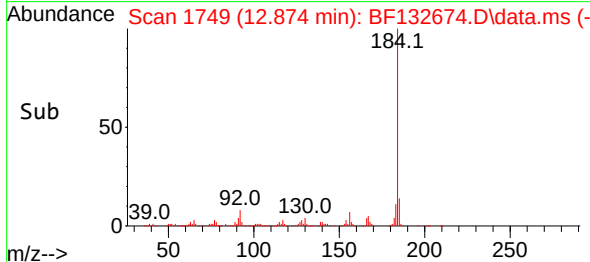
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



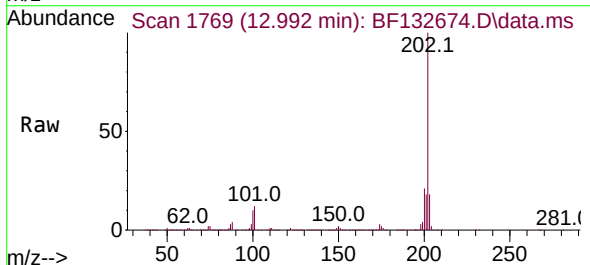
Tgt Ion:184 Resp: 584542
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.9 8.7 13.1

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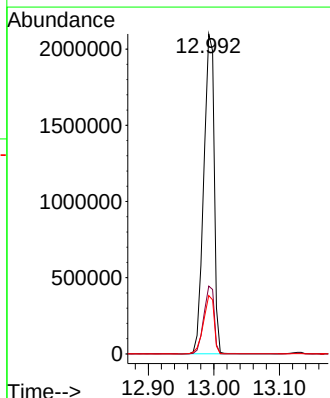
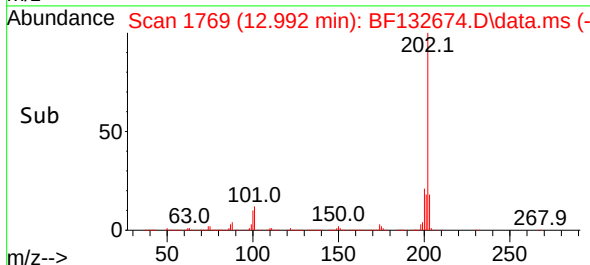
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

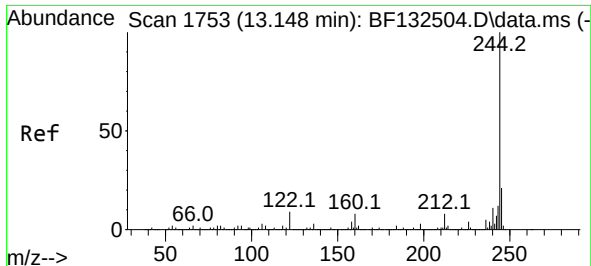


#78
Pyrene
Concen: 42.350 ng
RT: 12.992 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46



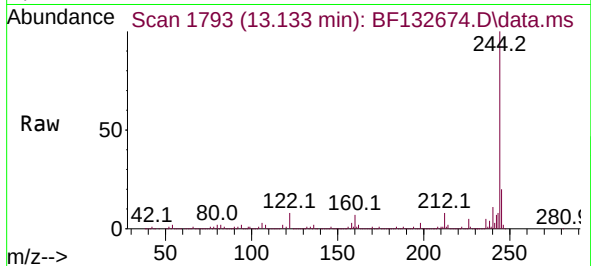
Tgt Ion:202 Resp: 2296208
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 18.3 14.6 21.8





#79
 Terphenyl-d14
 Concen: 89.848 ng
 RT: 13.133 min Scan# 1753
 Delta R.T. 0.006 min
 Lab File: BF132674.D
 Acq: 07 Mar 2023 12:46

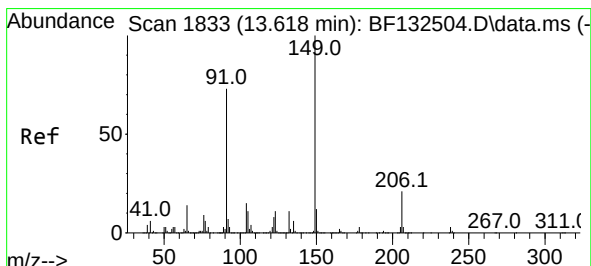
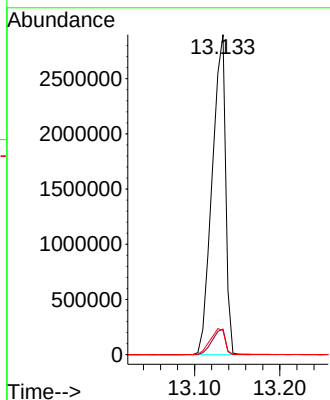
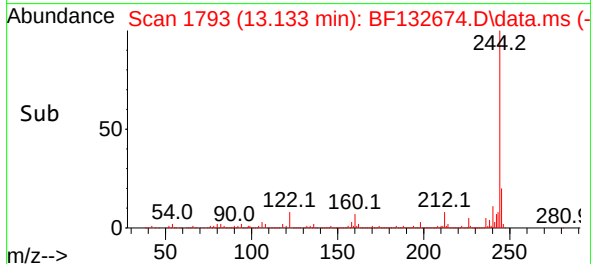
Instrument :
 BNA_F
 ClientSampleId :
 PB151052BSD



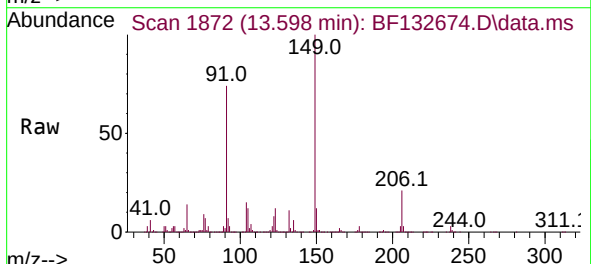
Tgt Ion:244 Resp: 3169150
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 7.6 7.5 11.3

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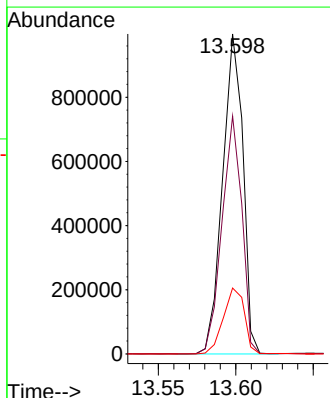
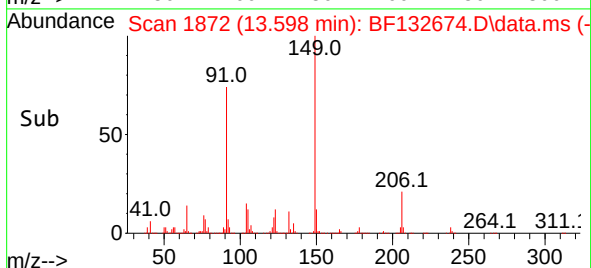
Reviewed By :Christian Giraldo 03/08/2023
 Supervised By :Jagrut Upadhyay 03/08/2023

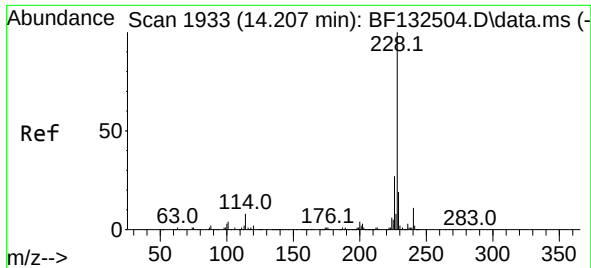


#80
 Butylbenzylphthalate
 Concen: 42.632 ng
 RT: 13.598 min Scan# 1872
 Delta R.T. -0.000 min
 Lab File: BF132674.D
 Acq: 07 Mar 2023 12:46



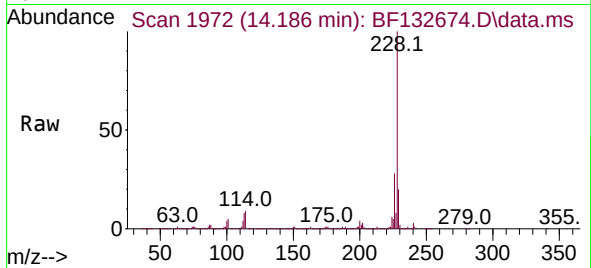
Tgt Ion:149 Resp: 912163
 Ion Ratio Lower Upper
 149 100
 91 74.3 58.4 87.6
 206 20.6 16.8 25.2





#81
Benzo(a)anthracene
Concen: 41.633 ng
RT: 14.186 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

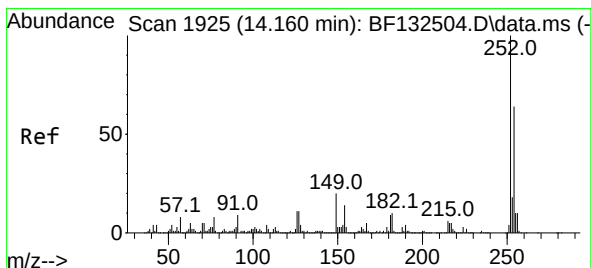
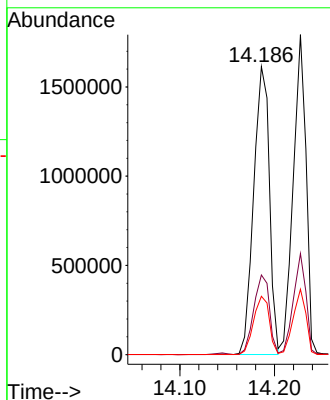
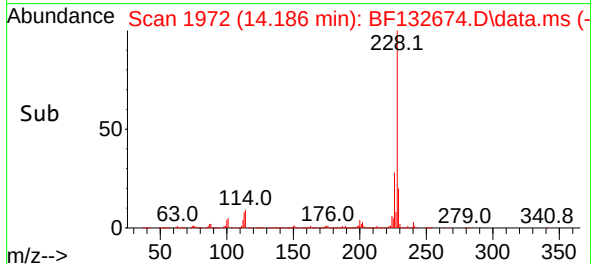
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



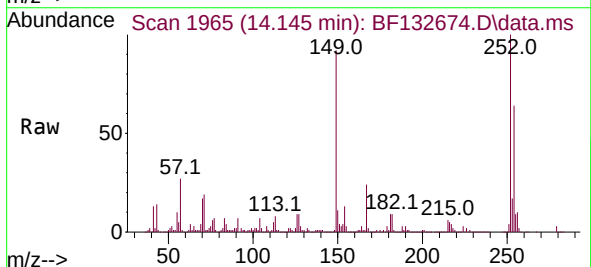
Tgt Ion:228 Resp: 1857734
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.2 15.4 23.2

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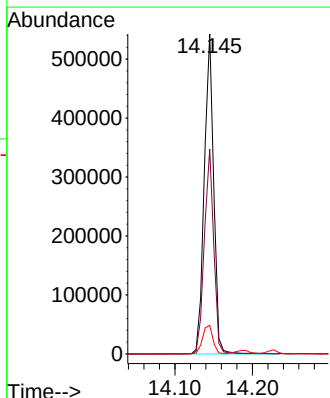
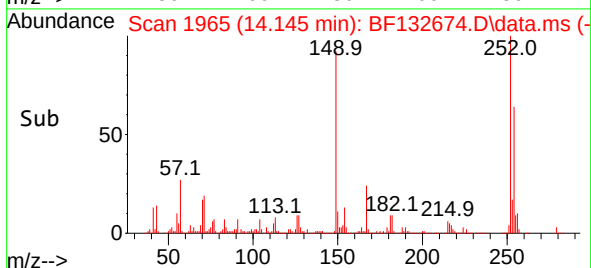
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

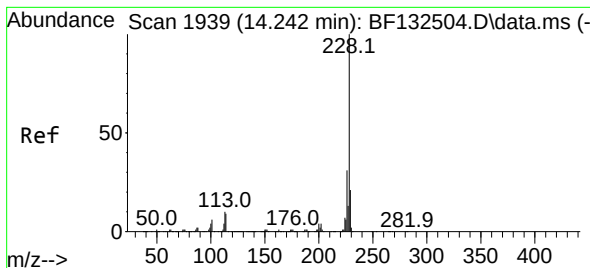


#82
3,3'-Dichlorobenzidine
Concen: 34.829 ng
RT: 14.145 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46



Tgt Ion:252 Resp: 458182
Ion Ratio Lower Upper
252 100
254 64.1 51.4 77.2
126 8.9 8.9 13.3





#83

Chrysene

Concen: 40.637 ng

RT: 14.227 min Scan# 1939

Delta R.T. 0.006 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

Instrument :

BNA_F

ClientSampleId :

PB151052BSD

Tgt Ion:228 Resp: 1695634

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.6

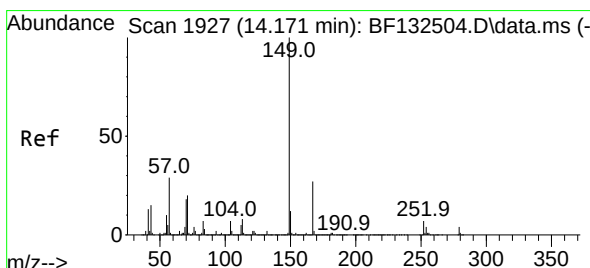
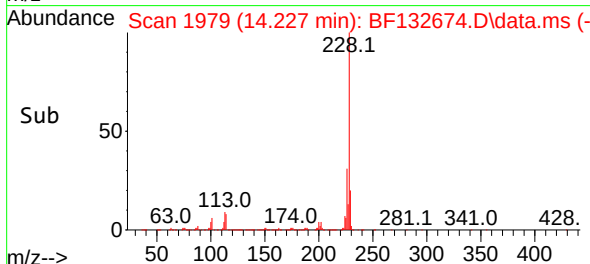
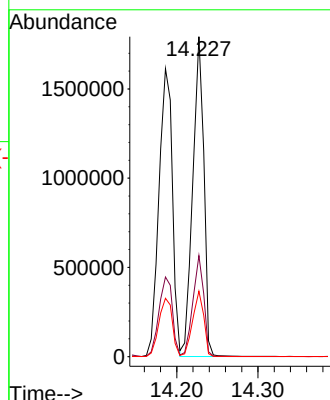
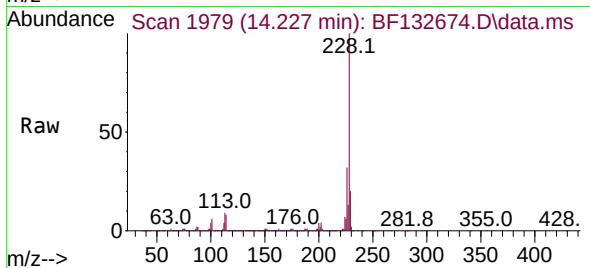
229 20.4 16.4 24.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.124 ng

RT: 14.151 min Scan# 1966

Delta R.T. -0.000 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

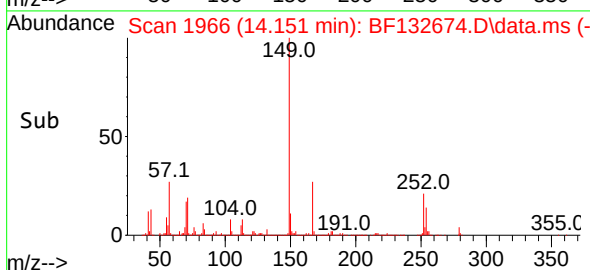
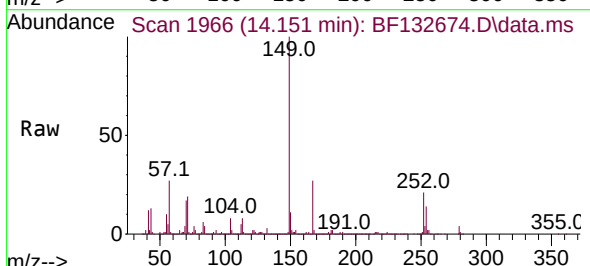
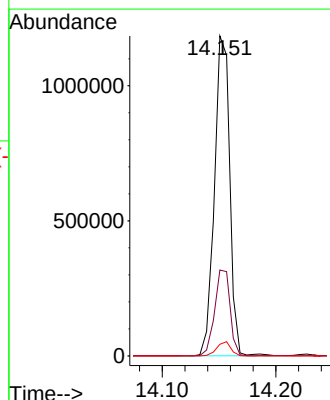
Tgt Ion:149 Resp: 1107205

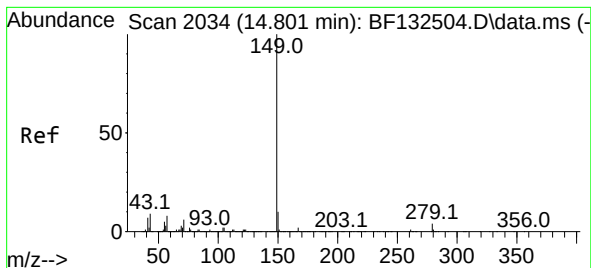
Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.6

279 3.6 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 45.543 ng

RT: 14.780 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

Instrument :

BNA_F

ClientSampleId :

PB151052BSD

Tgt Ion:149 Resp: 1749290

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

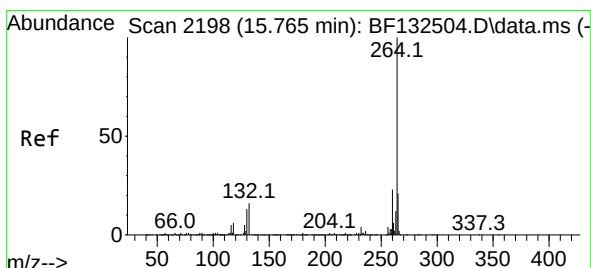
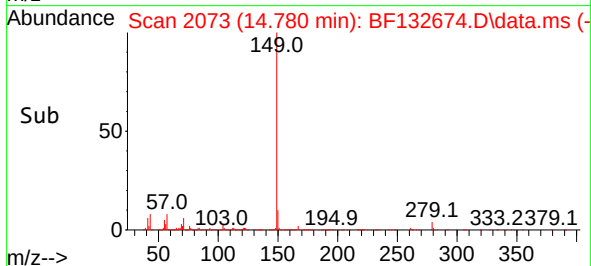
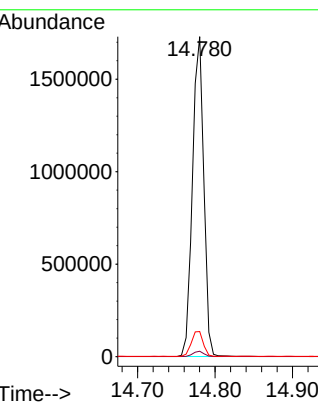
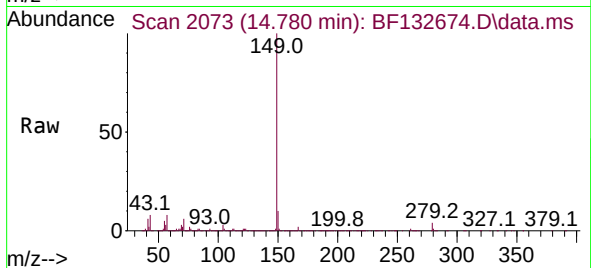
43 8.1 7.2 10.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.745 min Scan# 2237

Delta R.T. 0.006 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

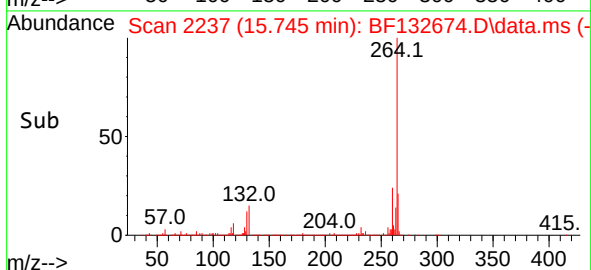
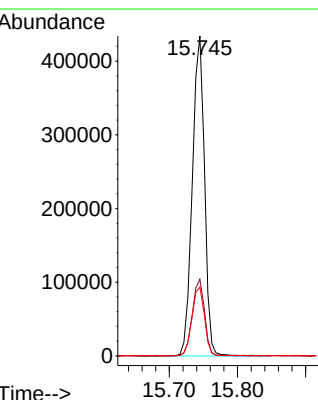
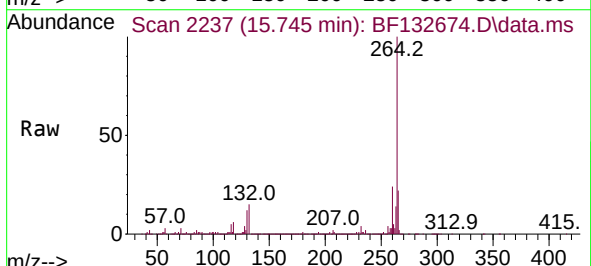
Tgt Ion:264 Resp: 542039

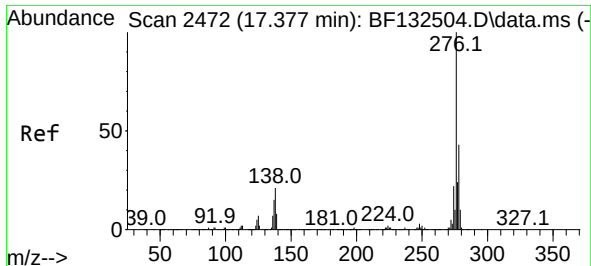
Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.5 17.1 25.7





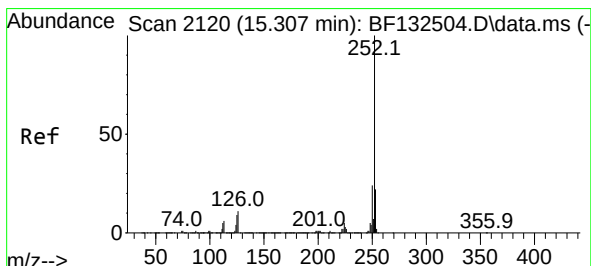
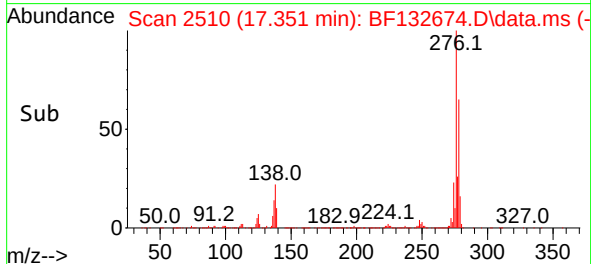
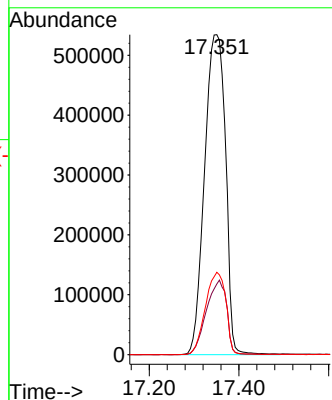
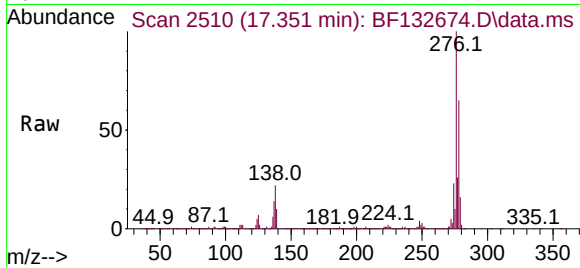
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.865 ng
RT: 17.351 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

Instrument :
BNA_F
ClientSampleId :
PB151052BSD

Tgt Ion:276 Resp: 173552
Ion Ratio Lower Upper
276 100
138 22.6 19.0 28.4
277 25.1 20.0 30.0

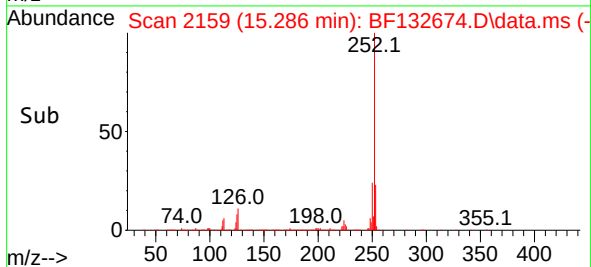
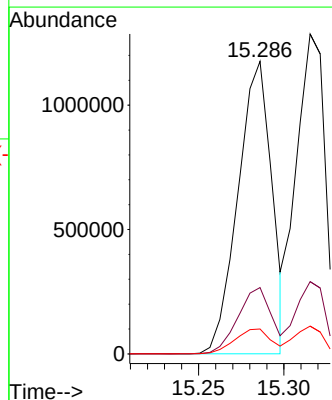
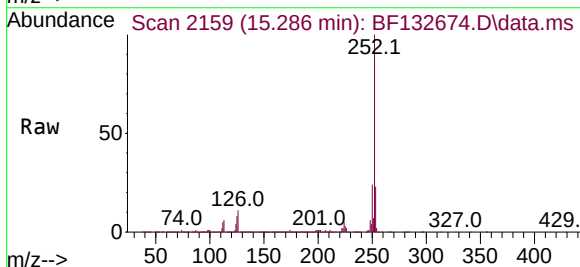
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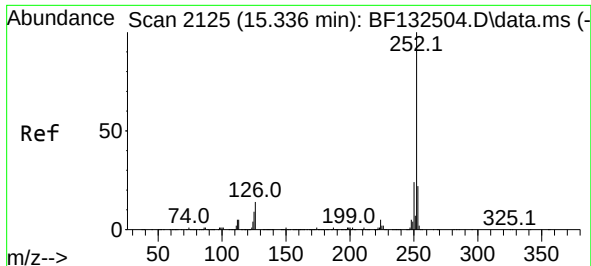
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#88
Benzo(b)fluoranthene
Concen: 44.747 ng
RT: 15.286 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

Tgt Ion:252 Resp: 1625422
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 8.5 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 43.082 ng

RT: 15.315 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

Instrument :

BNA_F

ClientSampleId :

PB151052BSD

Tgt Ion:252 Resp: 1531615

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

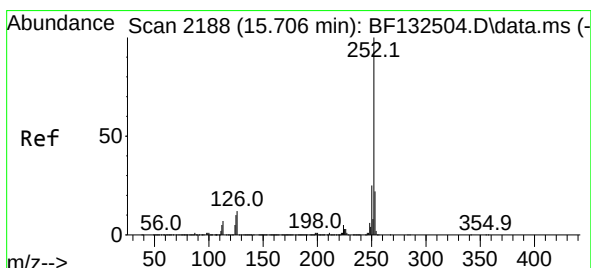
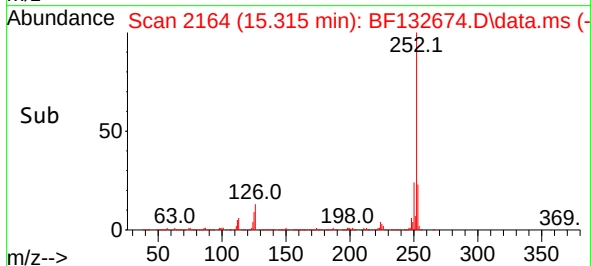
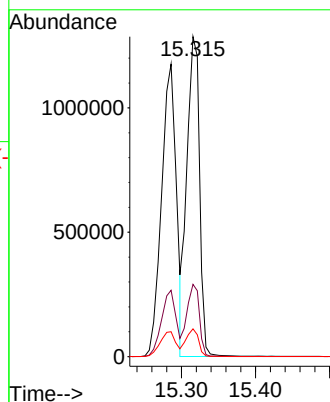
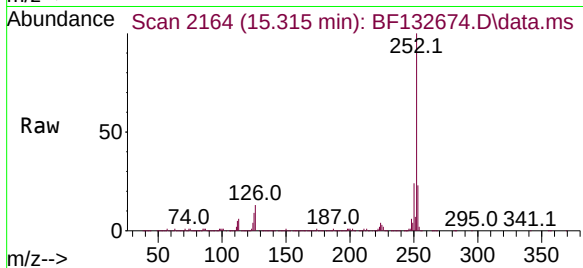
125 8.7 7.2 10.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/08/2023

Supervised By :Jagrut Upadhyay 03/08/2023



#90

Benzo(a)pyrene

Concen: 42.463 ng

RT: 15.680 min Scan# 2226

Delta R.T. 0.006 min

Lab File: BF132674.D

Acq: 07 Mar 2023 12:46

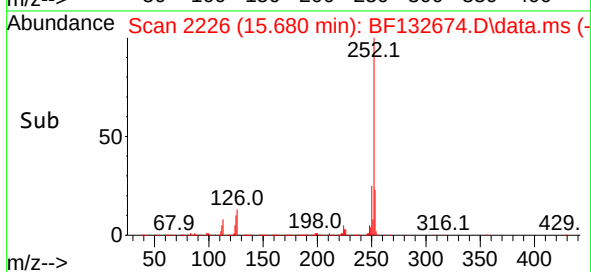
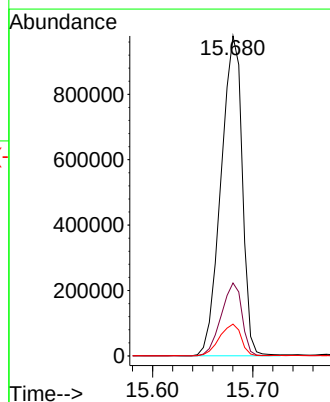
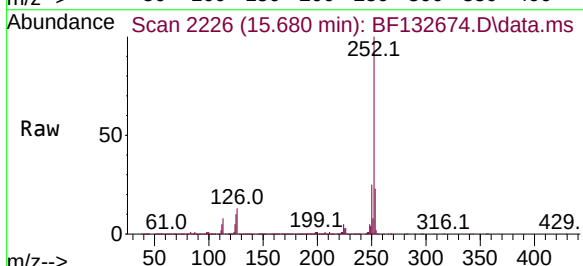
Tgt Ion:252 Resp: 1443613

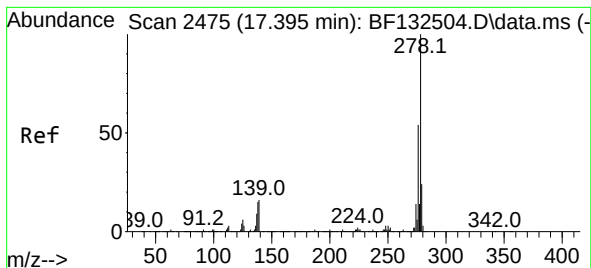
Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

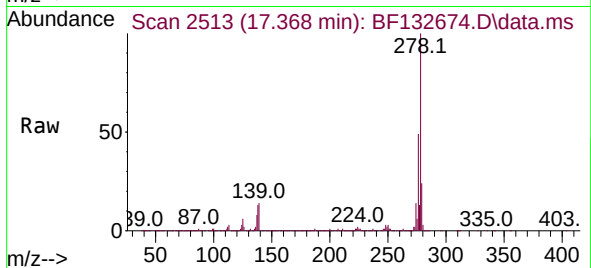
125 9.9 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 48.134 ng
RT: 17.368 min Scan# 2513
Delta R.T. 0.012 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

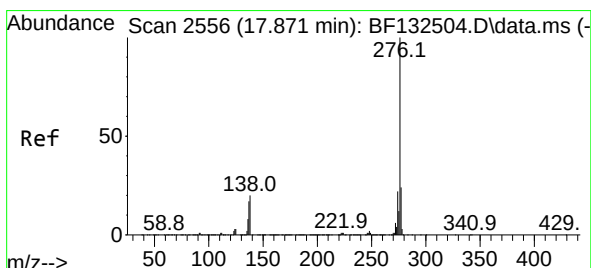
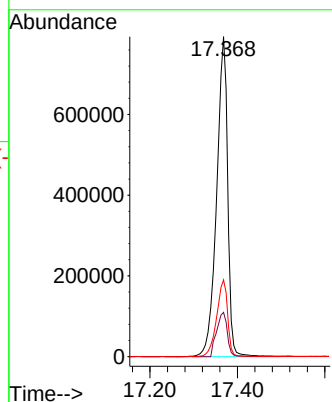
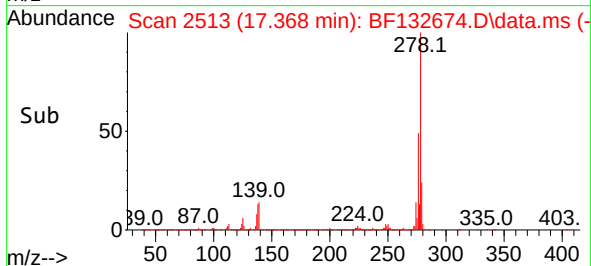
Instrument :
BNA_F
ClientSampleId :
PB151052BSD



Tgt Ion:278 Resp: 1392909
Ion Ratio Lower Upper
278 100
139 13.8 13.0 19.4
279 24.0 19.0 28.4

Manual Integrations
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Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023



#92
Benzo(g,h,i)perylene
Concen: 45.701 ng
RT: 17.839 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BF132674.D
Acq: 07 Mar 2023 12:46

Tgt Ion:276 Resp: 1491936
Ion Ratio Lower Upper
276 100
277 24.6 18.9 28.3
138 19.8 16.2 24.4

