

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
 Data File : BF132627.D
 Acq On : 03 Mar 2023 14:14
 Operator : CG\JU
 Sample : PB151190BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151190BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/06/2023
 Supervised By : Jagrut Upadhyay 03/06/2023

Quant Time: Mar 04 02:16:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	290086	20.000	ng	0.00
21) Naphthalene-d8	8.292	136	1087775	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	591035	20.000	ng	0.00
64) Phenanthrene-d10	11.551	188	1103538	20.000	ng	0.00
76) Chrysene-d12	14.210	240	512418	20.000	ng	0.00
86) Perylene-d12	15.763	264	445213	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1629210	91.151	ng	0.00
7) Phenol-d6	6.640	99	2134537	91.505	ng	0.00
23) Nitrobenzene-d5	7.575	82	1429904	62.367	ng	0.00
42) 2,4,6-Tribromophenol	10.851	330	617032	96.669	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	2224911	57.320	ng	0.00
79) Terphenyl-d14	13.139	244	2206750	72.813	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.969	88	333105	33.691	ng	96
3) Pyridine	3.716	79	814178	31.023	ng	95
4) n-Nitrosodimethylamine	3.693	42	371852	37.511	ng	86
6) Aniline	6.669	93	1210677	38.566	ng	96
8) 2-Chlorophenol	6.793	128	762295	41.093	ng	99
9) Benzaldehyde	6.551	77	479435	38.089	ng	99
10) Phenol	6.651	94	1049797	39.254	ng	96
11) bis(2-Chloroethyl)ether	6.740	93	872018	42.237	ng	96
12) 1,3-Dichlorobenzene	6.945	146	830636	41.725	ng	98
13) 1,4-Dichlorobenzene	7.022	146	831020	41.806	ng	99
14) 1,2-Dichlorobenzene	7.175	146	752453	39.443	ng	99
15) Benzyl Alcohol	7.145	79	755589	42.059	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.275	45	1063826	40.408	ng	98
17) 2-Methylphenol	7.257	107	689607	39.832	ng	99
18) Hexachloroethane	7.516	117	330802	42.597	ng	96
19) n-Nitroso-di-n-propyla...	7.422	70	551043	38.384	ng	93
20) 3+4-Methylphenols	7.410	107	756675	33.830	ng	# 89
22) Acetophenone	7.416	105	1047984	38.207	ng	# 90
24) Nitrobenzene	7.592	77	944090	38.502	ng	98
25) Isophorone	7.828	82	1837031	41.791	ng	100
26) 2-Nitrophenol	7.904	139	465394	43.017	ng	99
27) 2,4-Dimethylphenol	7.940	122	695595	40.737	ng	98
28) bis(2-Chloroethoxy)met...	8.034	93	1040235	40.454	ng	99
29) 2,4-Dichlorophenol	8.151	162	689724	40.606	ng	99
30) 1,2,4-Trichlorobenzene	8.228	180	770737	41.788	ng	99
31) Naphthalene	8.316	128	2100088	37.712	ng	100
32) Benzoic acid	8.087	122	595448	44.552	ng	94
33) 4-Chloroaniline	8.357	127	428223	17.945	ng	94
34) Hexachlorobutadiene	8.422	225	488667	41.694	ng	99
35) Caprolactam	8.751	113	231257m	41.298	ng	
36) 4-Chloro-3-methylphenol	8.839	107	772067	41.389	ng	96
37) 2-Methylnaphthalene	9.004	142	1446235	38.109	ng	100
38) 1-Methylnaphthalene	9.104	142	1331207	37.535	ng	98
40) 1,2,4,5-Tetrachloroben...	9.175	216	761079	39.358	ng	99
41) Hexachlorocyclopentadiene	9.157	237	938447	89.475	ng	99
43) 2,4,6-Trichlorophenol	9.281	196	539401	41.161	ng	98

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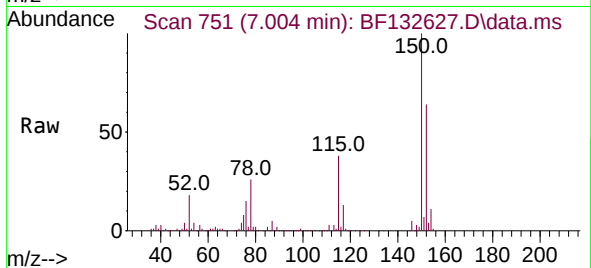
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.328	196	580900	37.979	ng	97
46) 1,1'-Biphenyl	9.469	154	1706741	38.153	ng	99
47) 2-Chloronaphthalene	9.498	162	1410598	39.772	ng	100
48) 2-Nitroaniline	9.592	65	487133	37.292	ng	94
49) Acenaphthylene	9.916	152	2116827	37.501	ng	99
50) Dimethylphthalate	9.775	163	1735800	40.335	ng	99
51) 2,6-Dinitrotoluene	9.839	165	395943	40.399	ng	92
52) Acenaphthene	10.092	154	1564082m	43.637	ng	
53) 3-Nitroaniline	10.010	138	306750	27.980	ng	95
54) 2,4-Dinitrophenol	10.122	184	503106	81.427	ng	95
55) Dibenzofuran	10.263	168	1915181	36.651	ng	97
56) 4-Nitrophenol	10.175	139	629996	77.054	ng	96
57) 2,4-Dinitrotoluene	10.245	165	517660	39.702	ng	98
58) Fluorene	10.610	166	1498344	37.487	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.381	232	485846	42.761	ng	98
60) Diethylphthalate	10.475	149	1644815	39.134	ng	100
61) 4-Chlorophenyl-phenyle...	10.592	204	786250	37.919	ng	99
62) 4-Nitroaniline	10.639	138	434537	40.378	ng	95
63) Azobenzene	10.757	77	1652926	37.134	ng	99
65) 4,6-Dinitro-2-methylph...	10.657	198	326969	43.769	ng	98
66) n-Nitrosodiphenylamine	10.716	169	1369595	39.810	ng	98
67) 4-Bromophenyl-phenylether	11.086	248	520300	41.682	ng	98
68) Hexachlorobenzene	11.157	284	578748	44.062	ng	96
69) Atrazine	11.245	200	494514	46.042	ng	99
70) Pentachlorophenol	11.357	266	611201	78.212	ng	99
71) Phenanthrene	11.580	178	2141759	37.464	ng	99
72) Anthracene	11.628	178	2211176	37.560	ng	99
73) Carbazole	11.786	167	1995224	37.590	ng	99
74) Di-n-butylphthalate	12.098	149	2393485	38.443	ng	100
75) Fluoranthene	12.775	202	1960597	31.371	ng	98
77) Benzidine	12.892	184	1013921	81.285	ng	99
78) Pyrene	13.004	202	1984522	42.597	ng	100
80) Butylbenzylphthalate	13.616	149	815550	44.361	ng	93
81) Benzo(a)anthracene	14.204	228	1584237	41.320	ng	98
82) 3,3'-Dichlorobenzidine	14.157	252	311438	27.552	ng	99
83) Chrysene	14.239	228	1425370	39.756	ng	100
84) Bis(2-ethylhexyl)phtha...	14.169	149	1040254	46.061	ng	100
85) Di-n-octyl phthalate	14.792	149	1452958	44.025	ng	99
87) Indeno(1,2,3-cd)pyrene	17.374	276	1407462	48.246	ng	97
88) Benzo(b)fluoranthene	15.298	252	1271380	42.612	ng	98
89) Benzo(k)fluoranthene	15.333	252	1189908	40.750	ng	98
90) Benzo(a)pyrene	15.698	252	1090485	39.052	ng	99
91) Dibenzo(a,h)anthracene	17.392	278	1139306	47.933	ng	97
92) Benzo(g,h,i)perylene	17.868	276	1183034	44.176	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 71
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

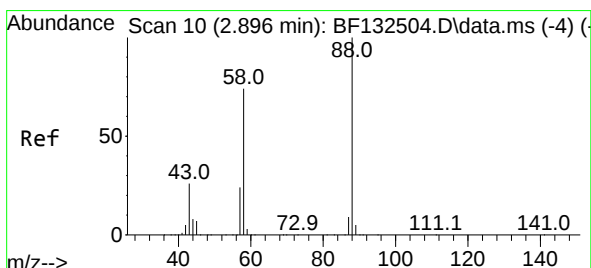
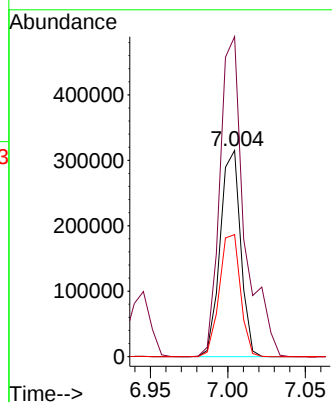
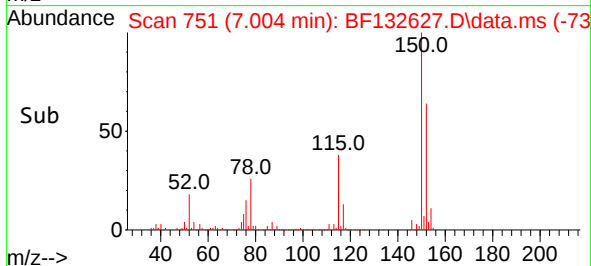
Instrument :
BNA_F
ClientSampleId :
PB151190BS



Tgt Ion:152 Resp: 290086
Ion Ratio Lower Upper
152 100
150 155.2 125.4 188.2
115 59.2 47.8 71.6

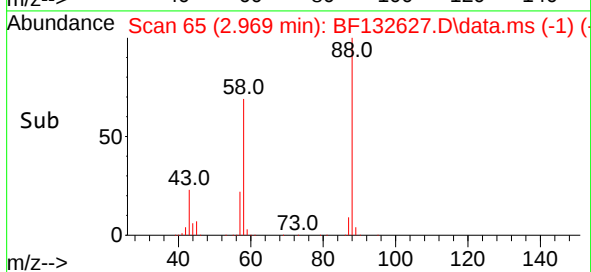
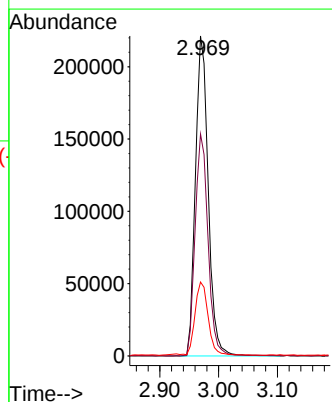
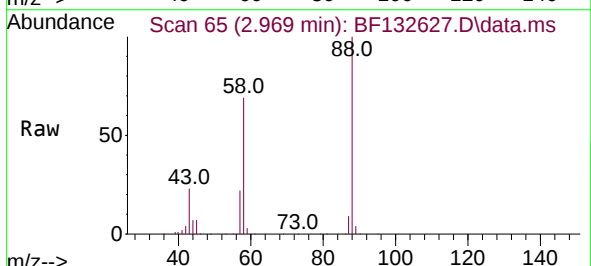
Manual Integrations
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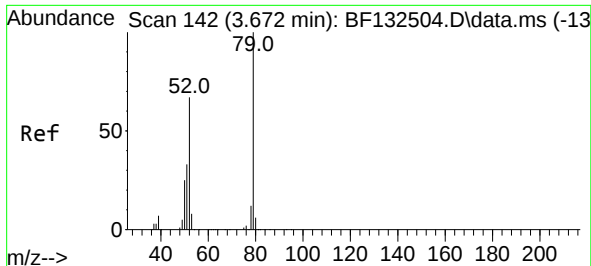
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#2
1,4-Dioxane
Concen: 33.691 ng
RT: 2.969 min Scan# 65
Delta R.T. 0.085 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

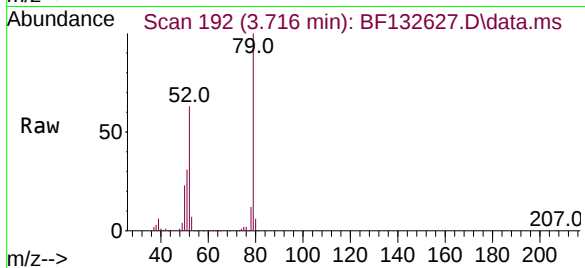
Tgt Ion: 88 Resp: 333105
Ion Ratio Lower Upper
88 100
58 70.1 58.3 87.5
43 23.6 20.7 31.1





#3
Pyridine
Concen: 31.023 ng
RT: 3.716 min Scan# 19
Delta R.T. 0.062 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

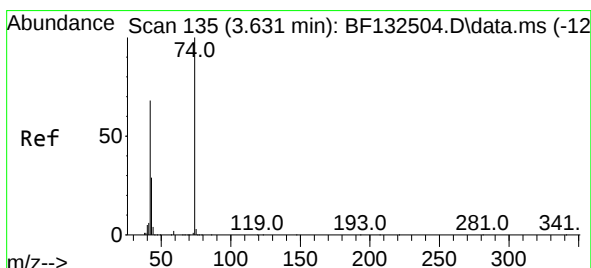
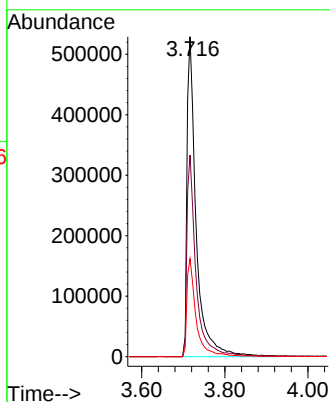
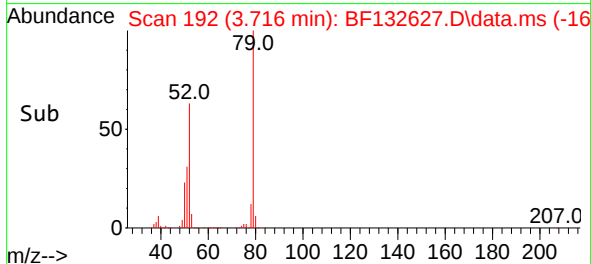
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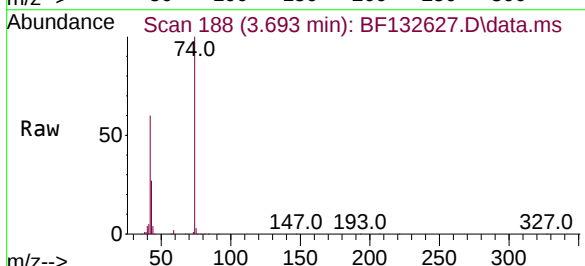
Tgt Ion: 79 Resp: 814178
Ion Ratio Lower Upper
79 100
52 63.0 53.7 80.5
51 30.6 26.6 40.0

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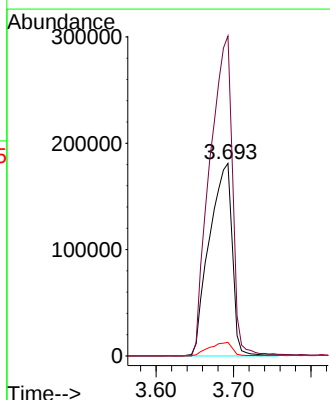
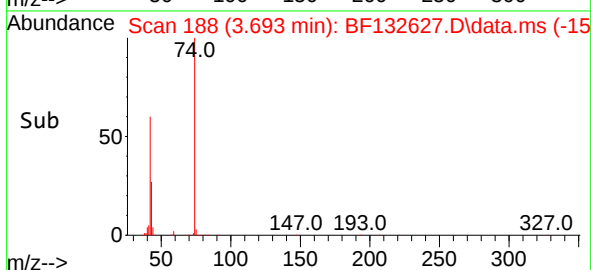
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#4
n-Nitrosodimethylamine
Concen: 37.511 ng
RT: 3.693 min Scan# 188
Delta R.T. 0.068 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14



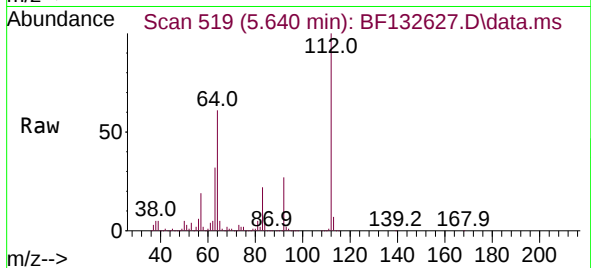
Tgt Ion: 42 Resp: 371852
Ion Ratio Lower Upper
42 100
74 166.4 118.2 177.2
44 7.1 5.3 7.9





#5
2-Fluorophenol
Concen: 91.151 ng
RT: 5.640 min Scan# 519
Delta R.T. 0.009 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

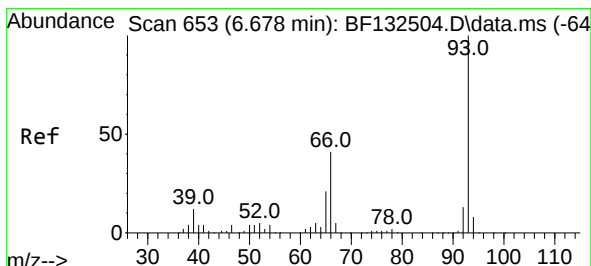
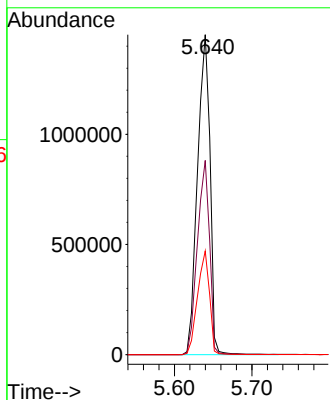
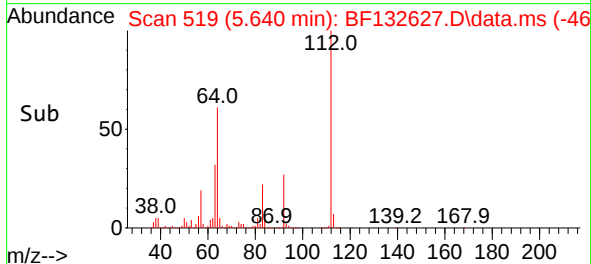
Instrument :
BNA_F
ClientSampleId :
PB151190BS



Tgt Ion: 112 Resp: 1629216
Ion Ratio Lower Upper
112 100
64 60.7 51.6 77.4
63 32.4 27.4 41.2

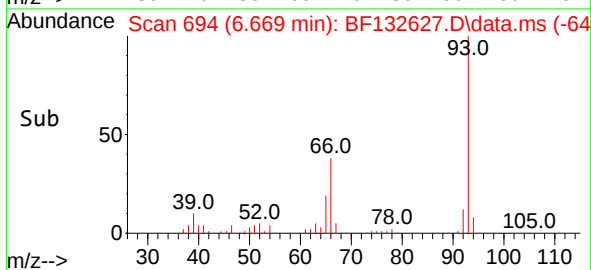
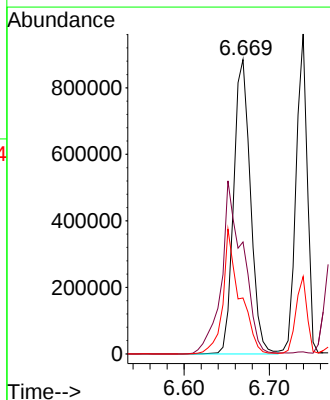
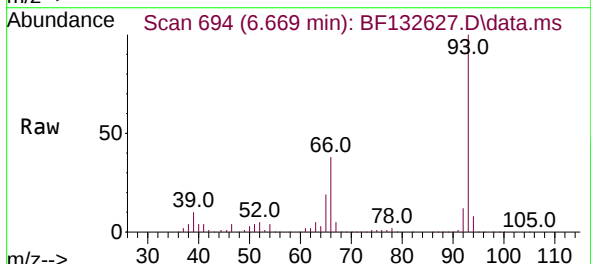
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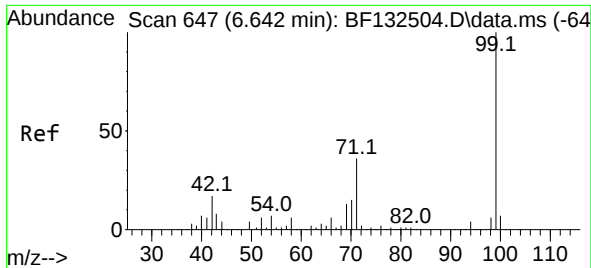
Reviewed By : Christian Giraldo 03/06/2023
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#6
Aniline
Concen: 38.566 ng
RT: 6.669 min Scan# 694
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

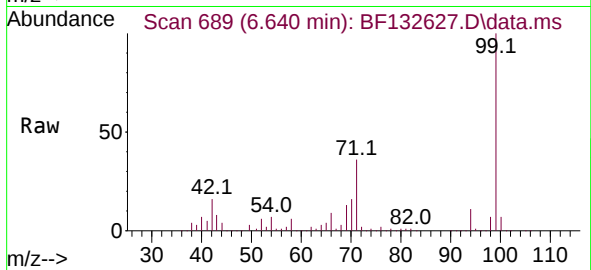
Tgt Ion: 93 Resp: 1210677
Ion Ratio Lower Upper
93 100
66 38.0 32.5 48.7
65 19.0 16.6 24.8





#7
Phenol-d6
Concen: 91.505 ng
RT: 6.640 min Scan# 647
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

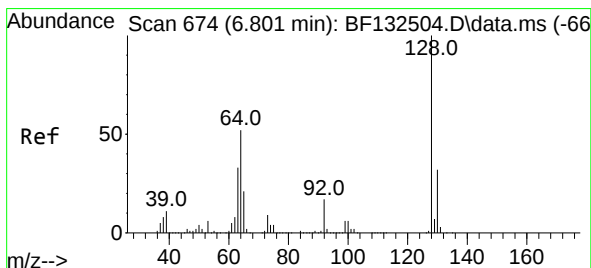
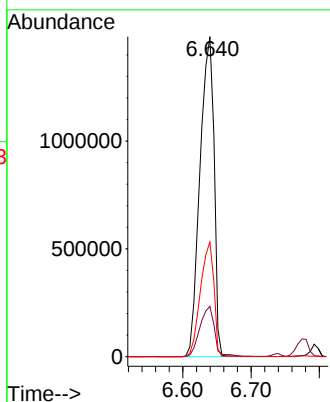
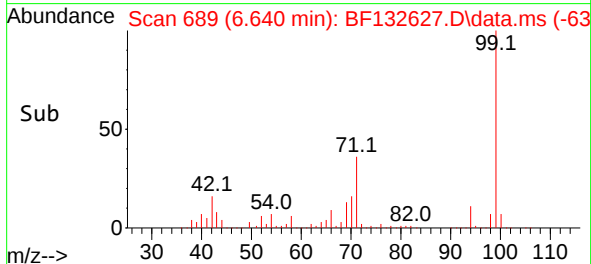
Instrument :
BNA_F
ClientSampleId :
PB151190BS



Tgt Ion: 99 Resp: 213453
Ion Ratio Lower Upper
99 100
42 15.7 13.9 20.9
71 35.8 28.5 42.7

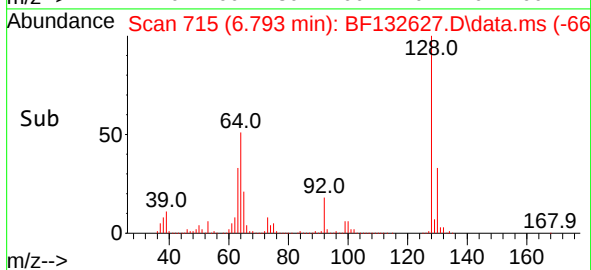
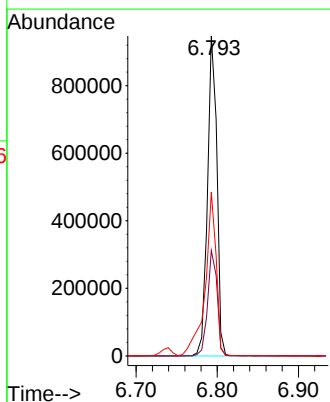
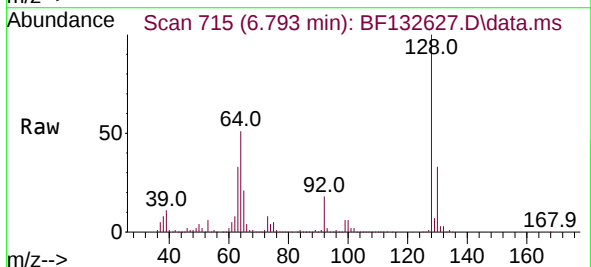
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#8
2-Chlorophenol
Concen: 41.093 ng
RT: 6.793 min Scan# 715
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

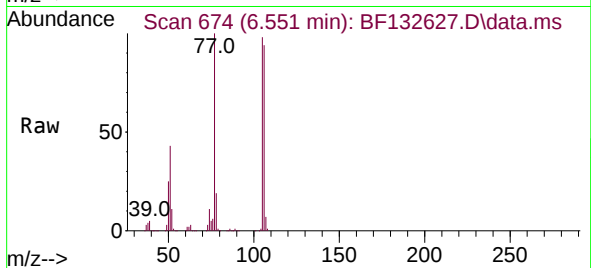
Tgt Ion:128 Resp: 762295
Ion Ratio Lower Upper
128 100
130 32.9 12.1 52.1
64 51.2 32.0 72.0





#9
Benzaldehyde
Concen: 38.089 ng
RT: 6.551 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

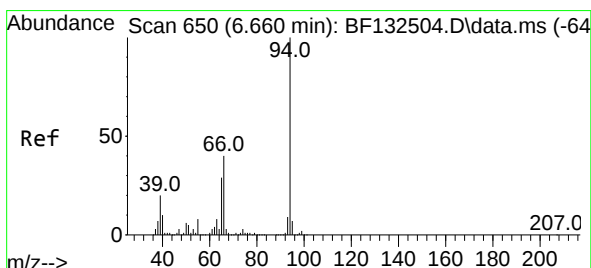
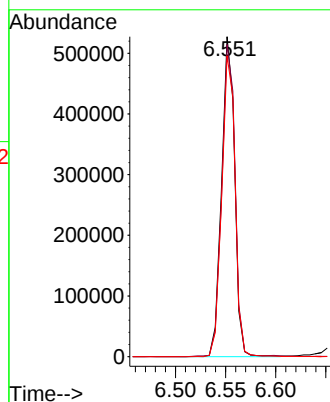
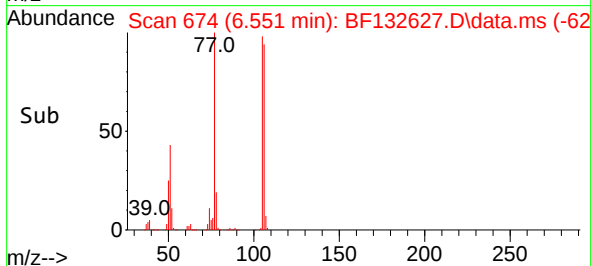
Instrument :
BNA_F
ClientSampleId :
PB151190BS



Tgt Ion: 77 Resp: 479435
Ion Ratio Lower Upper
77 100
105 97.5 77.9 117.9
106 94.0 73.4 113.4

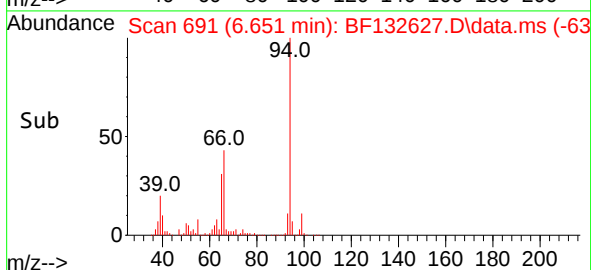
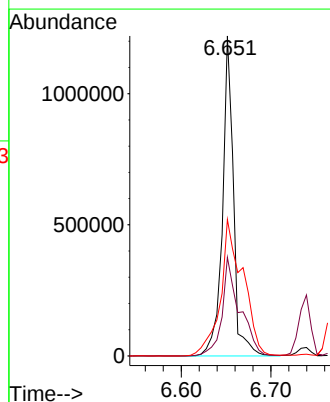
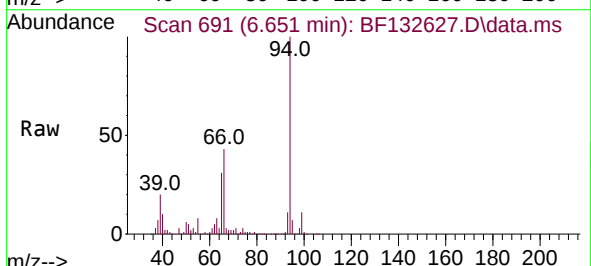
Manual Integrations
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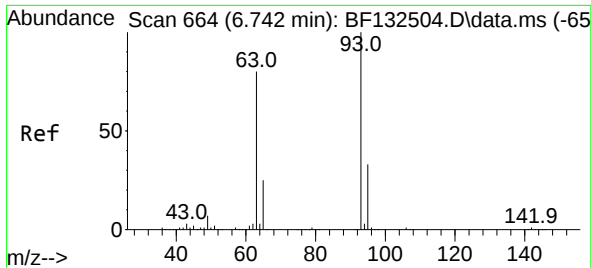
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#10
Phenol
Concen: 39.254 ng
RT: 6.651 min Scan# 691
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Tgt Ion: 94 Resp: 1049797
Ion Ratio Lower Upper
94 100
65 30.8 9.4 49.4
66 42.6 19.8 59.8





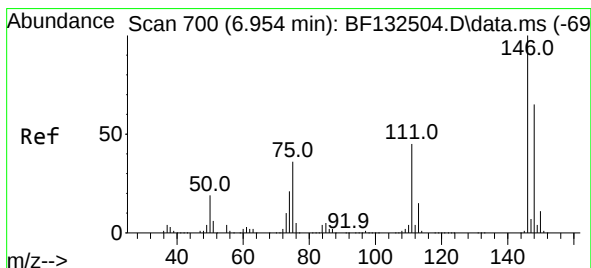
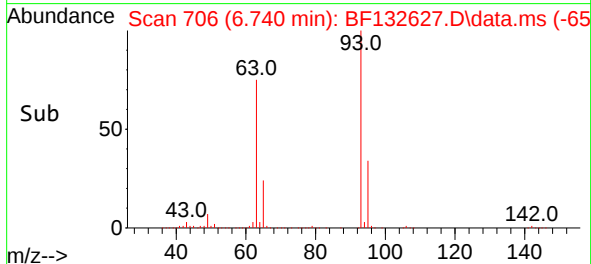
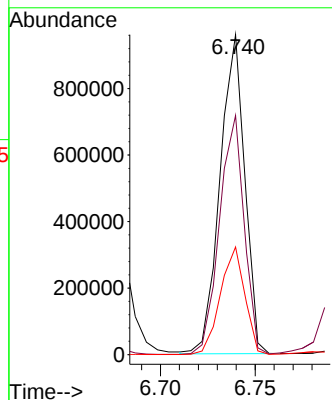
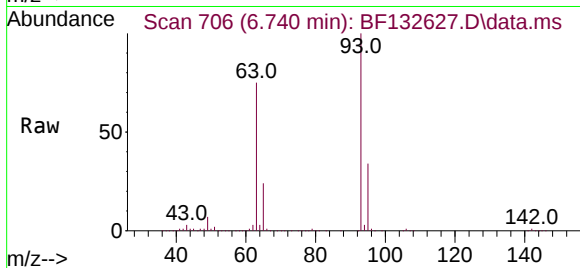
#11
bis(2-Chloroethyl)ether
Concen: 42.237 ng
RT: 6.740 min Scan# 706
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Instrument :
BNA_F
ClientSampleId :
PB151190BS

Tgt Ion: 93 Resp: 872018
Ion Ratio Lower Upper
93 100
63 74.7 59.6 99.6
95 33.6 12.8 52.8

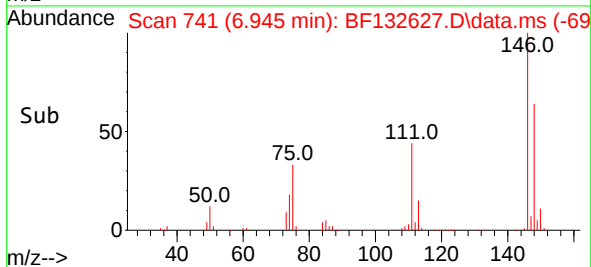
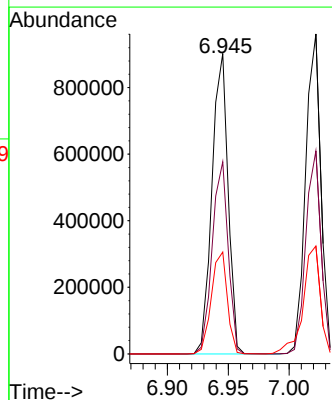
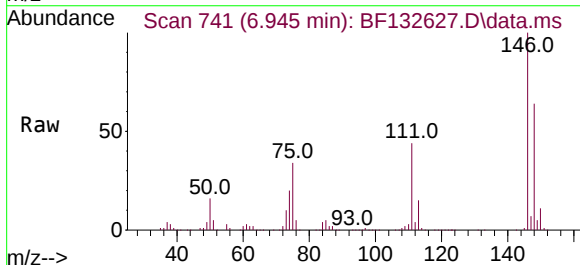
Manual Integrations
APPROVED

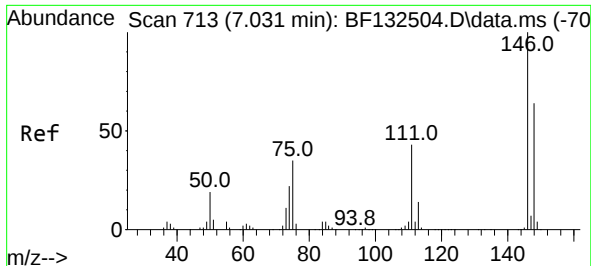
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#12
1,3-Dichlorobenzene
Concen: 41.725 ng
RT: 6.945 min Scan# 741
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Tgt Ion:146 Resp: 830636
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 33.9 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 41.806 ng

RT: 7.022 min Scan# 71

Delta R.T. -0.003 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB151190BS

Tgt Ion:146 Resp: 831020

Ion Ratio Lower Upper

146 100

148 63.4 51.1 76.7

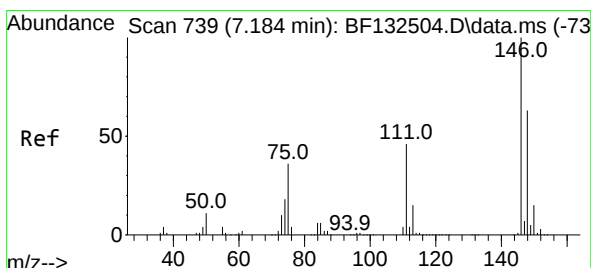
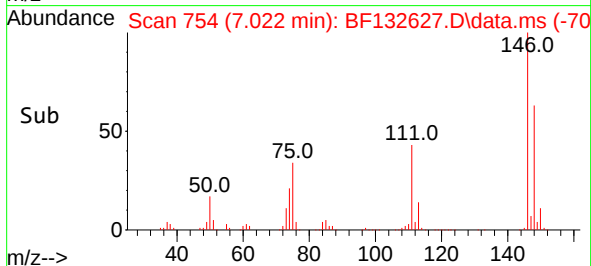
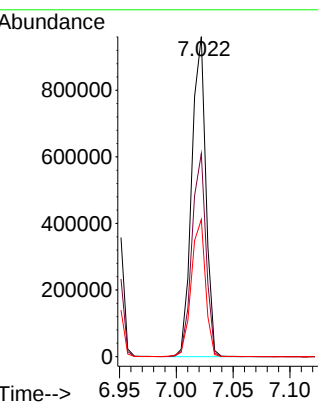
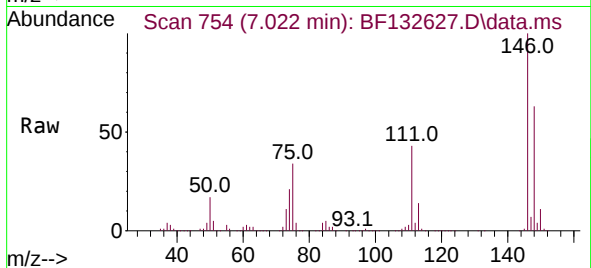
111 42.8 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#14

1,2-Dichlorobenzene

Concen: 39.443 ng

RT: 7.175 min Scan# 780

Delta R.T. -0.003 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

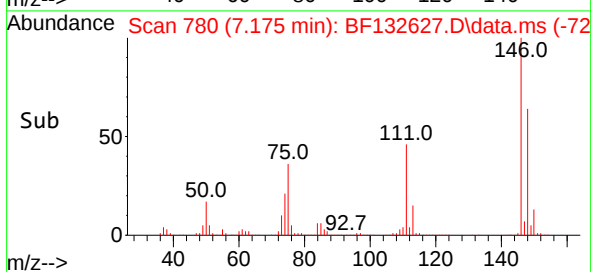
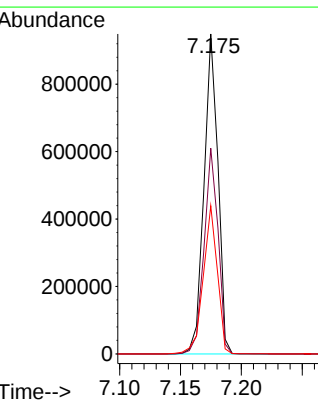
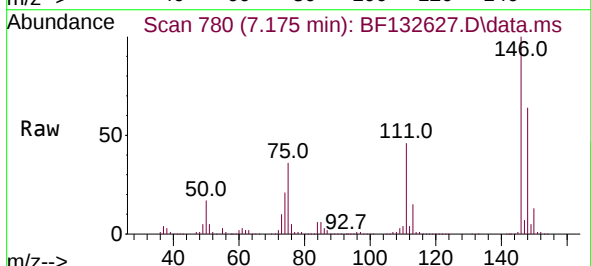
Tgt Ion:146 Resp: 752453

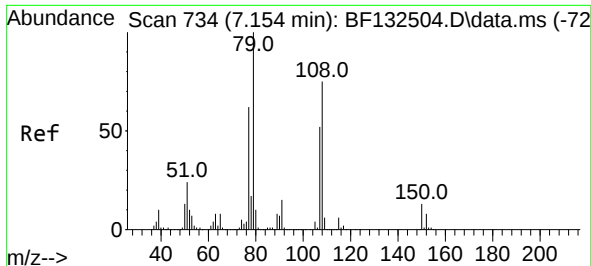
Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

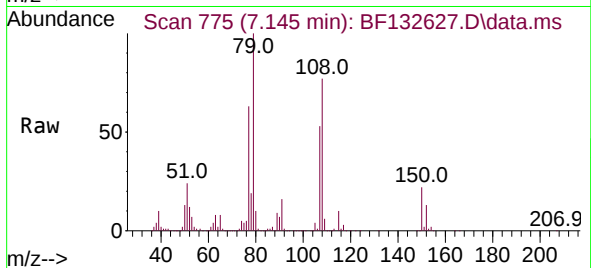
111 46.3 37.2 55.8





#15
Benzyl Alcohol
Concen: 42.059 ng
RT: 7.145 min Scan# 715
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

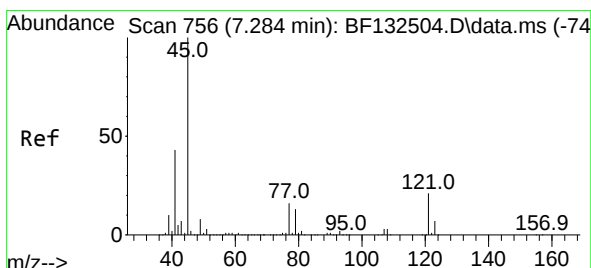
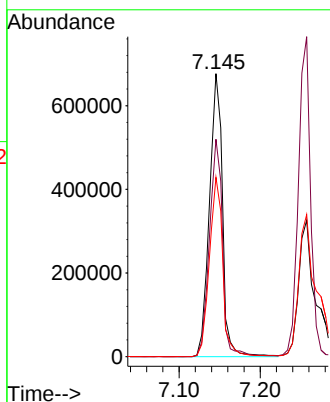
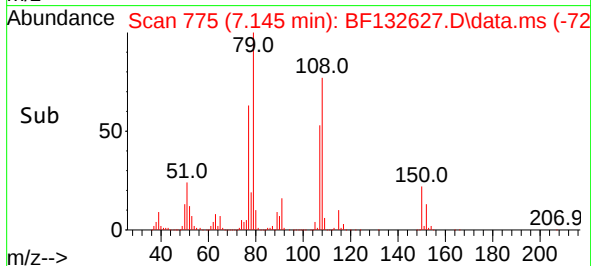
Instrument :
BNA_F
ClientSampleId :
PB151190BS



Tgt Ion: 79 Resp: 755589
Ion Ratio Lower Upper
79 100
108 76.8 60.2 90.4
77 63.4 49.9 74.9

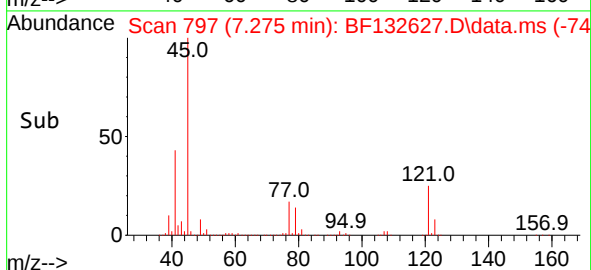
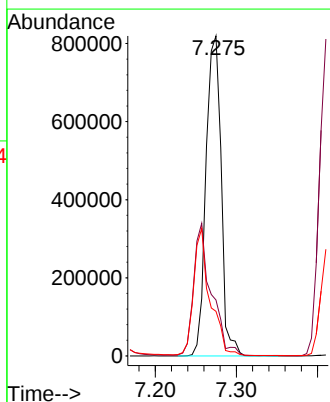
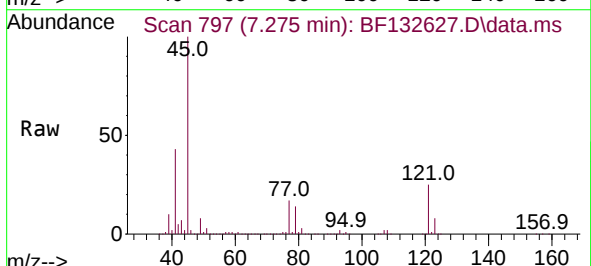
Manual Integrations
APPROVED

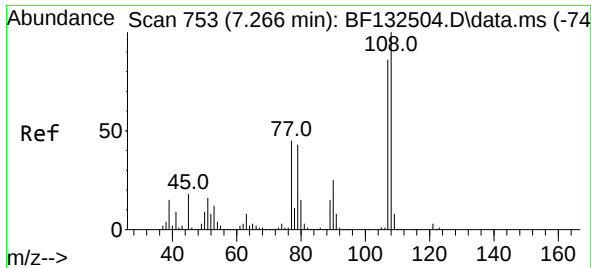
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.408 ng
RT: 7.275 min Scan# 797
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

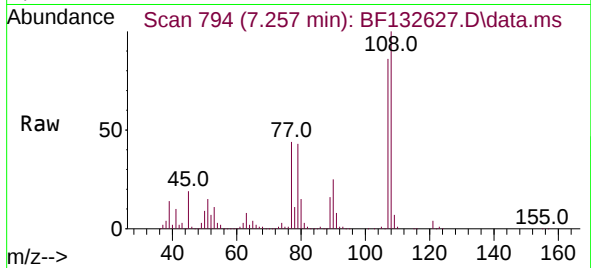
Tgt Ion: 45 Resp: 1063826
Ion Ratio Lower Upper
45 100
77 17.5 0.0 36.4
79 13.9 0.0 33.4





#17
2-Methylphenol
Concen: 39.832 ng
RT: 7.257 min Scan# 794
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

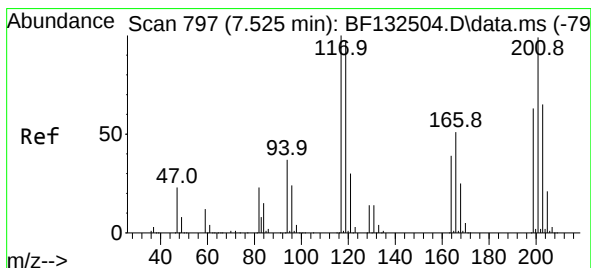
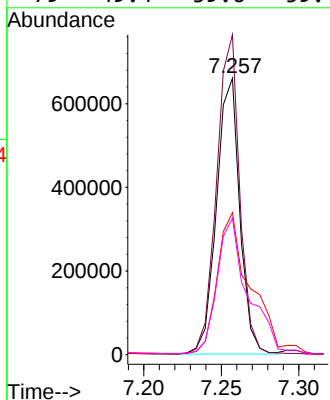
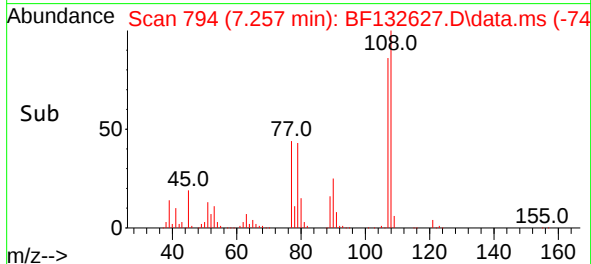
Instrument :
BNA_F
ClientSampleId :
PB151190BS



Tgt Ion:	107	Resp:	68960
Ion Ratio	Lower	Upper	
107	100		
108	115.8	93.0	139.4
77	51.4	42.1	63.1
79	49.4	39.6	59.4

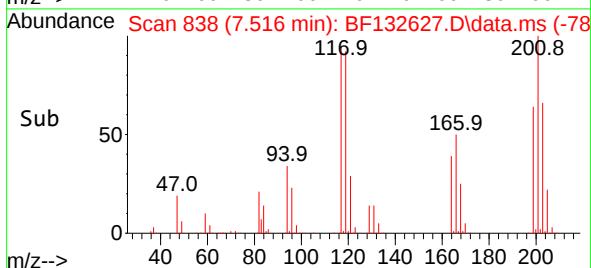
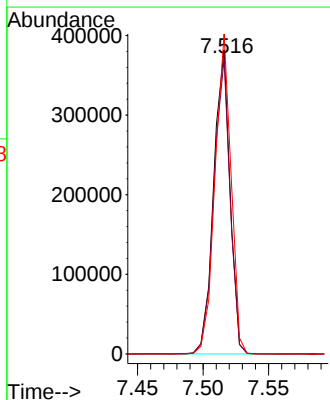
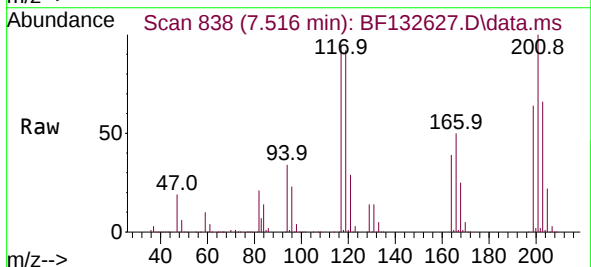
Manual Integrations
APPROVED

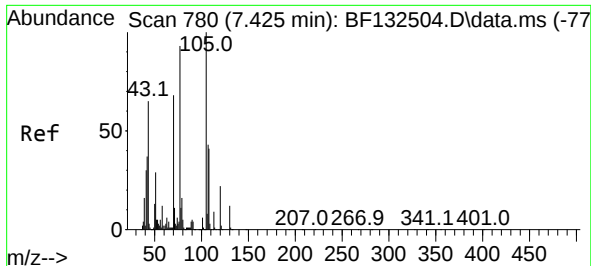
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#18
Hexachloroethane
Concen: 42.597 ng
RT: 7.516 min Scan# 838
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

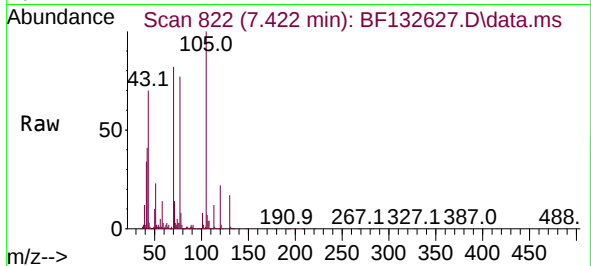
Tgt Ion:	117	Resp:	330802
Ion Ratio	Lower	Upper	
117	100		
119	96.9	78.0	117.0
201	105.2	79.0	118.4





#19
n-Nitroso-di-n-propylamine
Concen: 38.384 ng
RT: 7.422 min Scan# 81
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

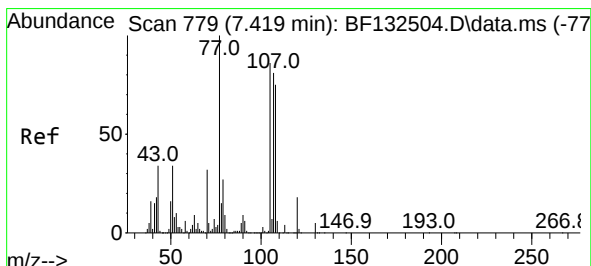
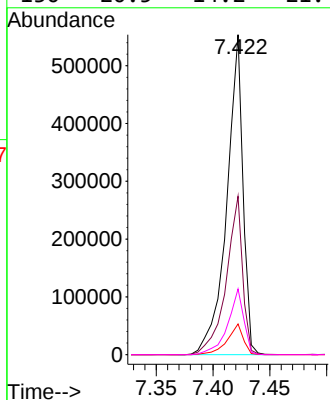
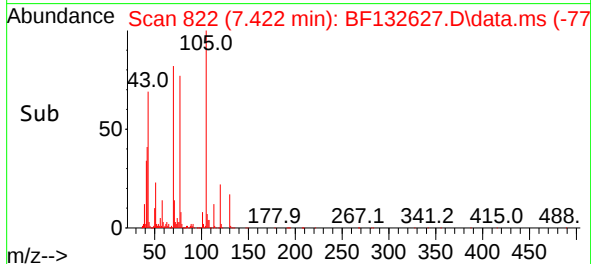
Instrument :
BNA_F
ClientSampleId :
PB151190BS



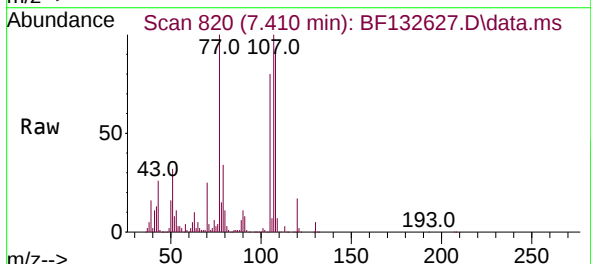
Tgt Ion: 70 Resp: 551043
Ion Ratio Lower Upper
70 100
42 49.5 44.1 66.1
101 9.6 7.4 11.2
130 20.5 14.2 21.4

Manual Integrations
APPROVED

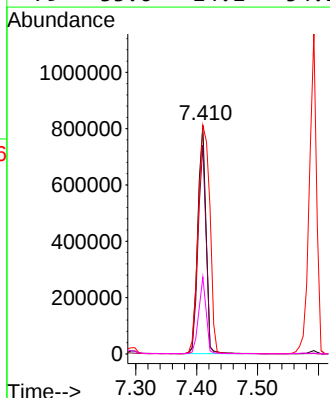
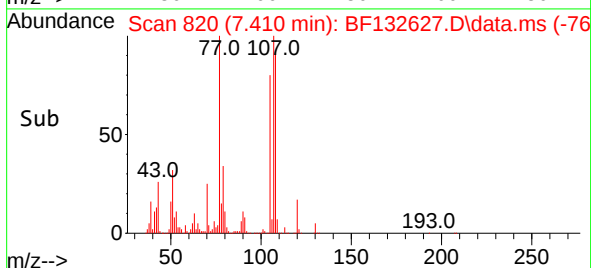
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

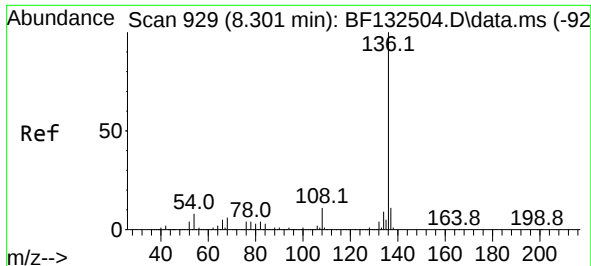


#20
3+4-Methylphenols
Concen: 33.830 ng
RT: 7.410 min Scan# 820
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14



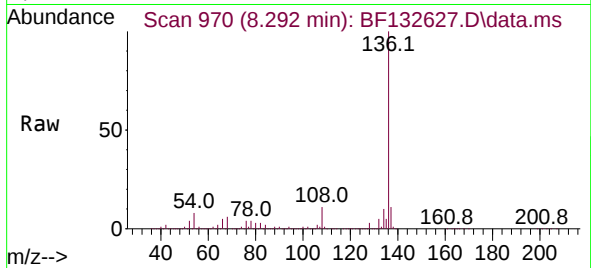
Tgt Ion:107 Resp: 756675
Ion Ratio Lower Upper
107 100
108 91.3 72.6 112.6
77 99.9 104.0 144.0#
79 33.6 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

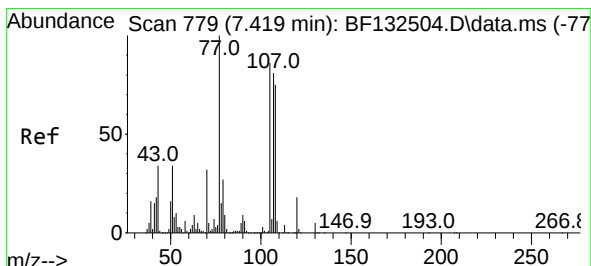
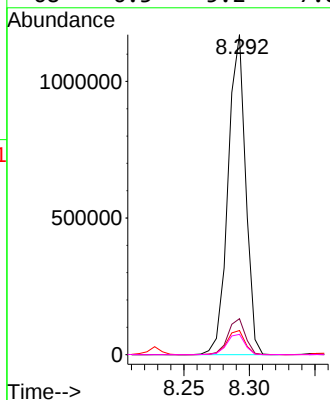
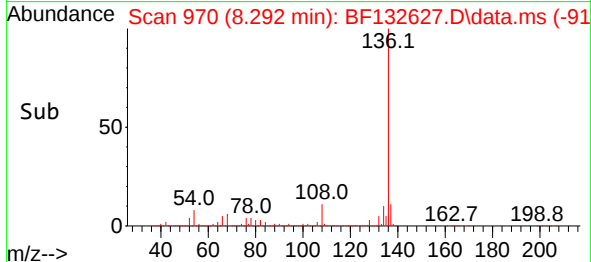
Instrument :
BNA_F
ClientSampleId :
PB151190BS



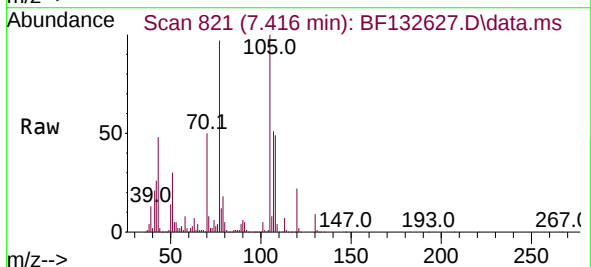
Tgt Ion:136 Resp: 1087775
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.5 6.2 9.4
68 6.3 5.2 7.8

Manual Integrations
APPROVED

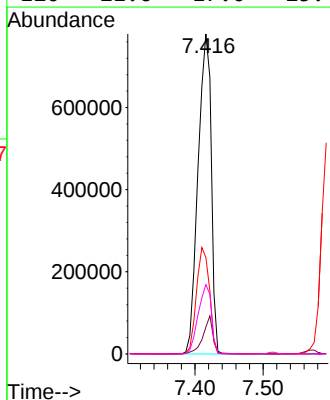
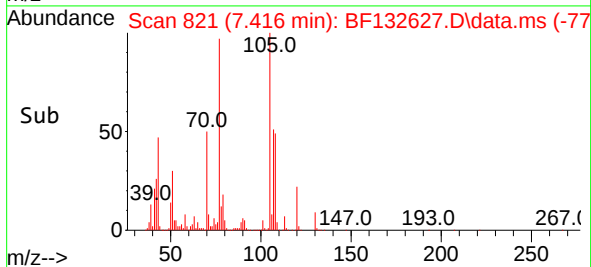
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

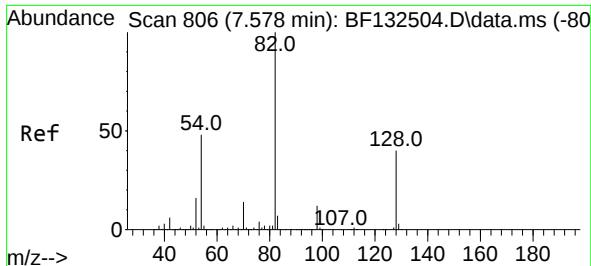


#22
Acetophenone
Concen: 38.207 ng
RT: 7.416 min Scan# 821
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14



Tgt Ion:105 Resp: 1047984
Ion Ratio Lower Upper
105 100
71 8.4 5.0 7.4#
51 30.1 31.5 47.3#
120 21.6 17.0 25.4





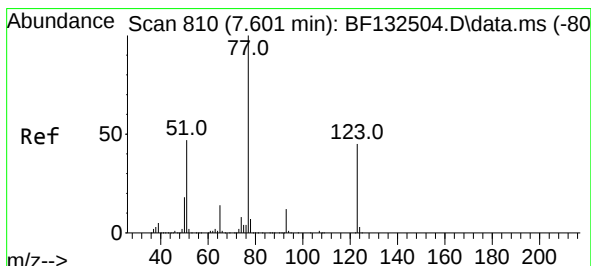
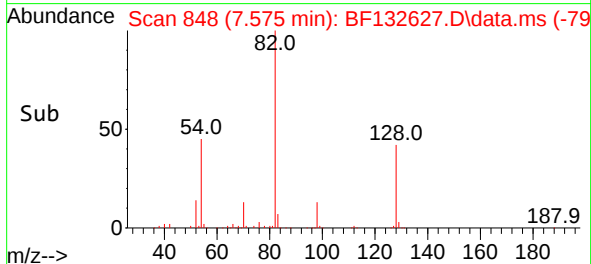
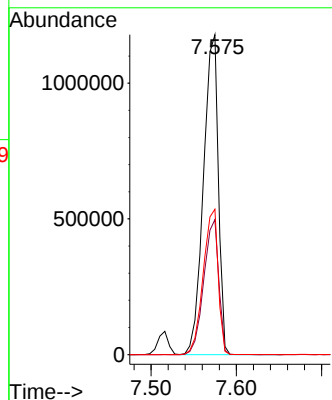
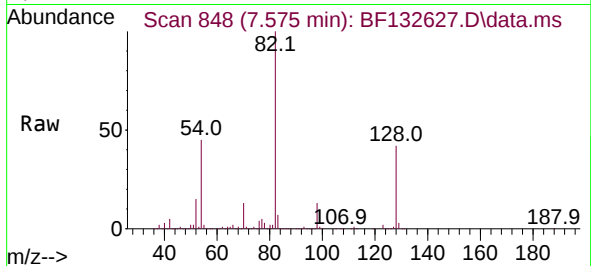
#23
Nitrobenzene-d5
Concen: 62.367 ng
RT: 7.575 min Scan# 841
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Instrument :
BNA_F
ClientSampleId :
PB151190BS

Tgt Ion: 82 Resp: 1429904
Ion Ratio Lower Upper
82 100
128 42.2 32.2 48.2
54 45.4 38.4 57.6

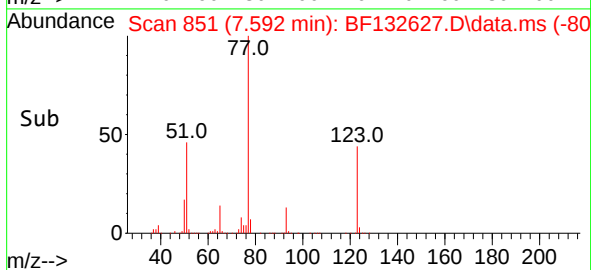
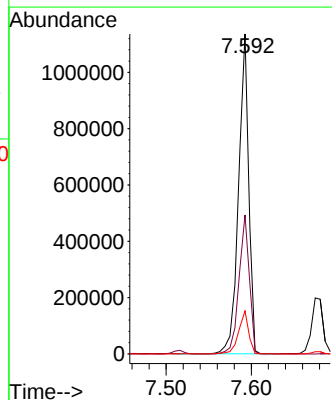
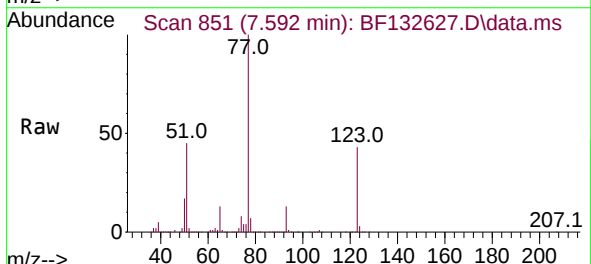
Manual Integrations
APPROVED

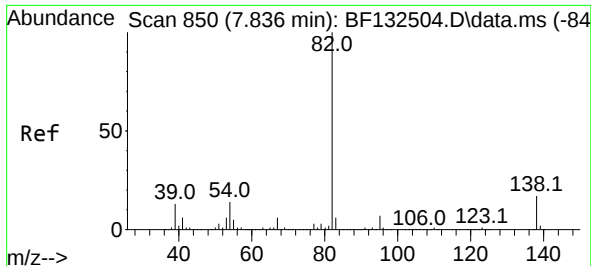
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#24
Nitrobenzene
Concen: 38.502 ng
RT: 7.592 min Scan# 851
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

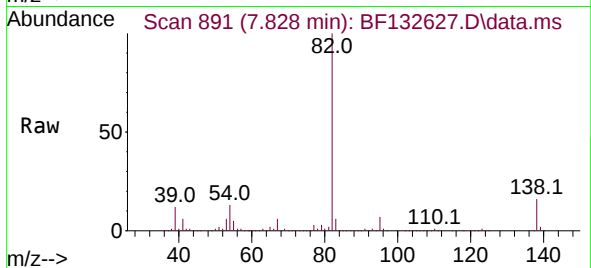
Tgt Ion: 77 Resp: 944090
Ion Ratio Lower Upper
77 100
123 43.4 35.8 53.6
65 13.4 10.9 16.3





#25
Isophorone
Concen: 41.791 ng
RT: 7.828 min Scan# 891
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

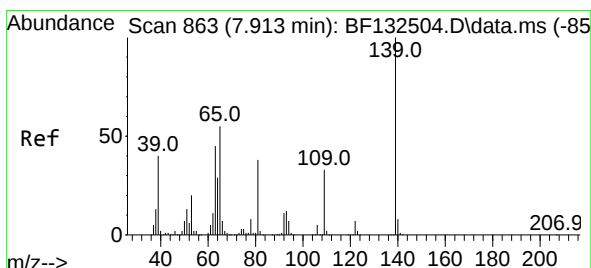
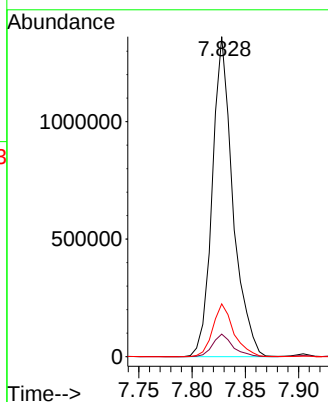
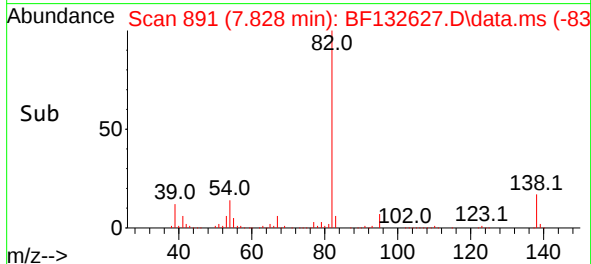
Instrument :
BNA_F
ClientSampleId :
PB151190BS



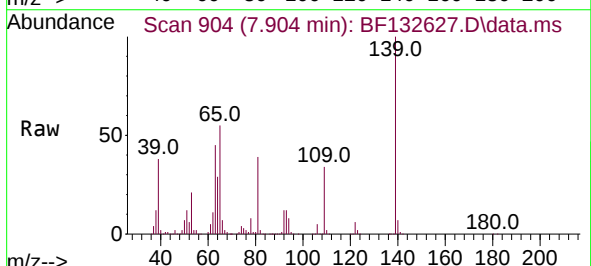
Tgt Ion: 82 Resp: 1837031
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 16.5 13.3 19.9

Manual Integrations
APPROVED

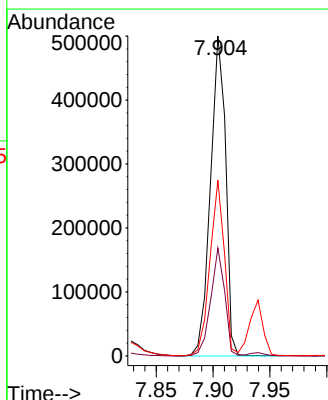
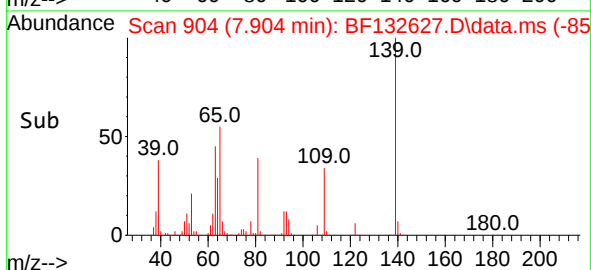
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

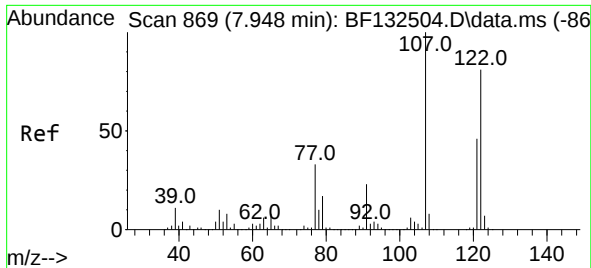


#26
2-Nitrophenol
Concen: 43.017 ng
RT: 7.904 min Scan# 904
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14



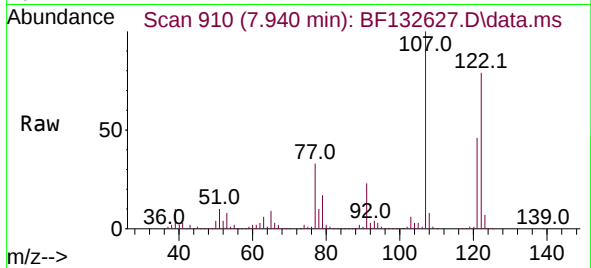
Tgt Ion:139 Resp: 465394
Ion Ratio Lower Upper
139 100
109 33.7 26.2 39.2
65 54.9 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 40.737 ng
RT: 7.940 min Scan# 91
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

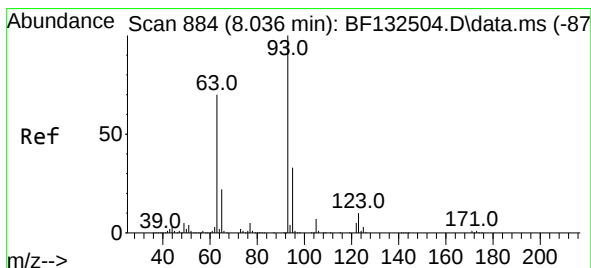
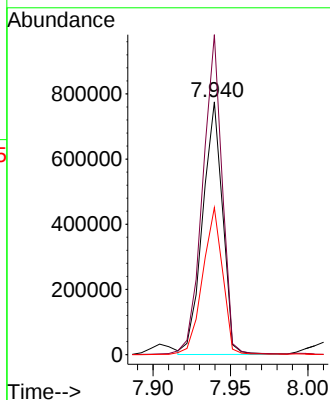
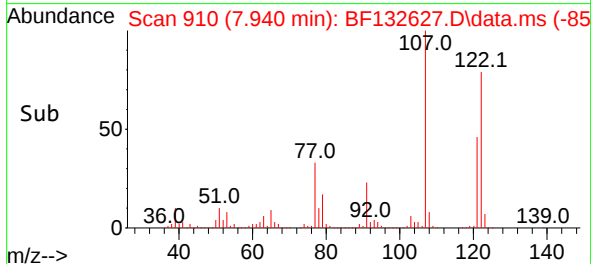
Instrument :
BNA_F
ClientSampleId :
PB151190BS



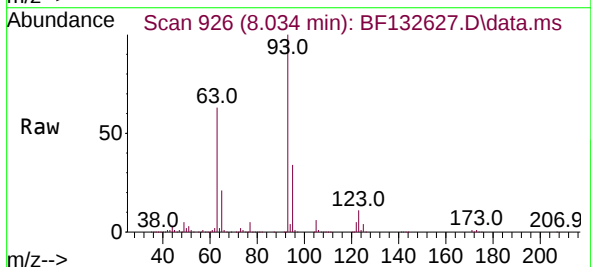
Tgt Ion:122 Resp: 695595
Ion Ratio Lower Upper
122 100
107 126.6 98.7 148.1
121 58.1 45.8 68.6

Manual Integrations
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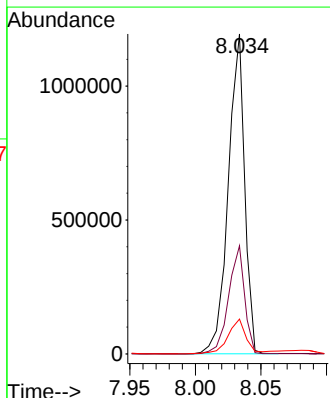
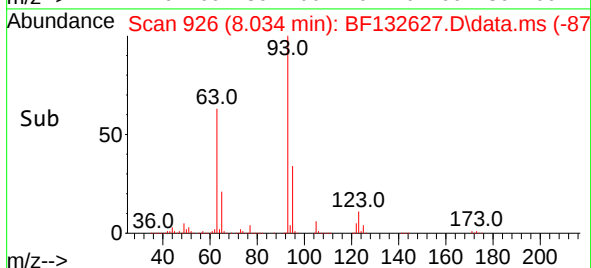
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

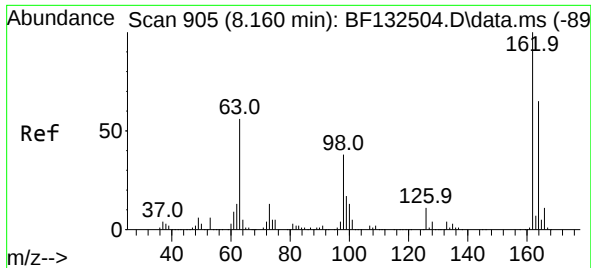


#28
bis(2-Chloroethoxy)methane
Concen: 40.454 ng
RT: 8.034 min Scan# 926
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14



Tgt Ion: 93 Resp: 1040235
Ion Ratio Lower Upper
93 100
95 33.8 26.3 39.5
123 10.9 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 40.606 ng

RT: 8.151 min Scan# 94

Delta R.T. 0.003 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

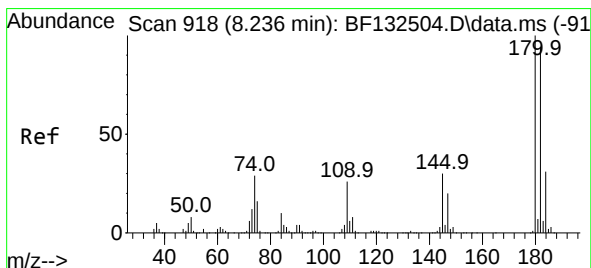
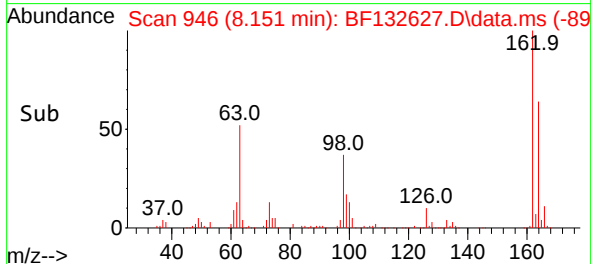
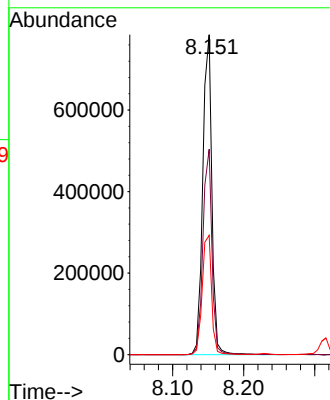
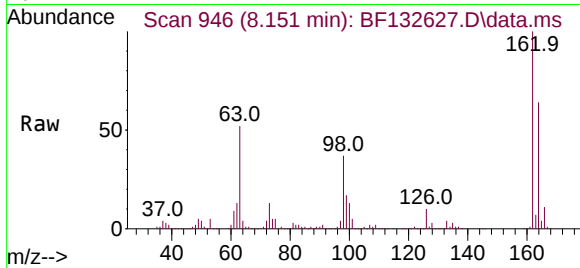
PB151190BS

Tgt Ion:162 Resp: 689724
 Ion Ratio Lower Upper
 162 100
 164 64.2 45.3 85.3
 98 37.3 17.9 57.9

Manual Integrations

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Reviewed By :Christian Giraldo 03/06/2023
 Supervised By :Jagrut Upadhyay 03/06/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.788 ng

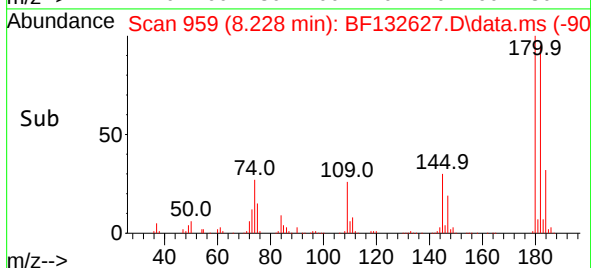
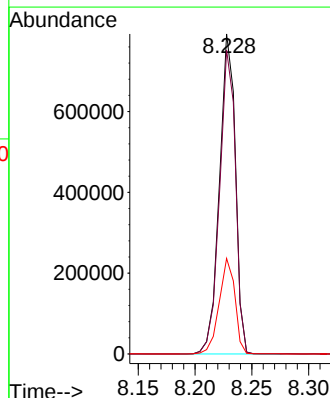
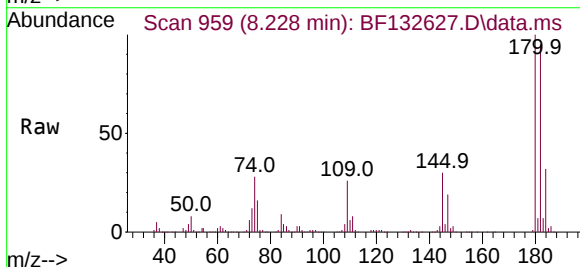
RT: 8.228 min Scan# 959

Delta R.T. -0.003 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

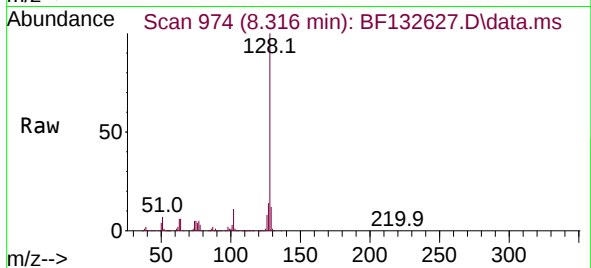
Tgt Ion:180 Resp: 770737
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.1 112.7
 145 29.8 23.8 35.6





#31
Naphthalene
Concen: 37.712 ng
RT: 8.316 min Scan# 911
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

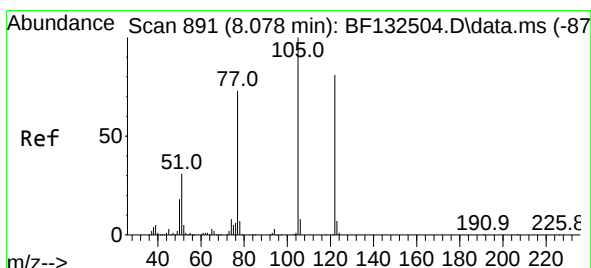
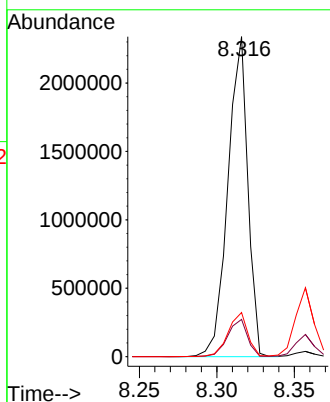
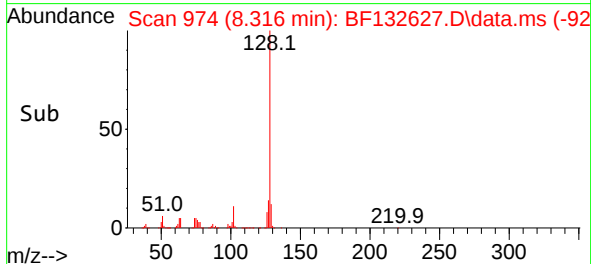
Instrument :
BNA_F
ClientSampleId :
PB151190BS



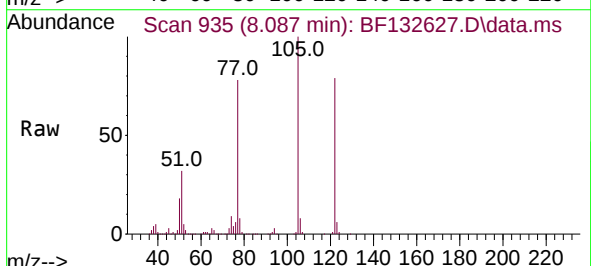
Tgt Ion:128 Resp: 2100088
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.8 11.0 16.6

Manual Integrations
APPROVED

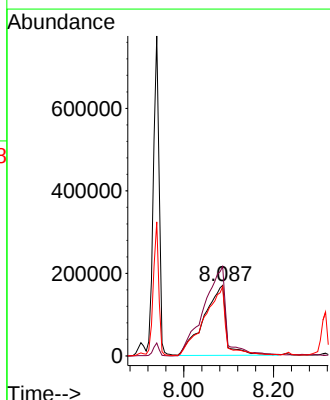
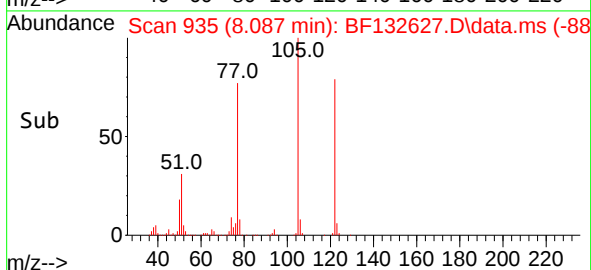
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

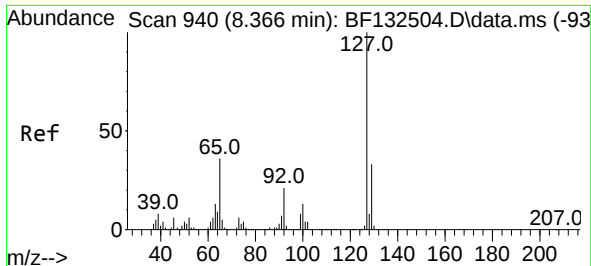


#32
Benzoic acid
Concen: 44.552 ng
RT: 8.087 min Scan# 935
Delta R.T. 0.021 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14



Tgt Ion:122 Resp: 595448
Ion Ratio Lower Upper
122 100
105 126.6 102.6 142.6
77 98.4 70.2 110.2





#33
4-Chloroaniline
Concen: 17.945 ng
RT: 8.357 min Scan# 981
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

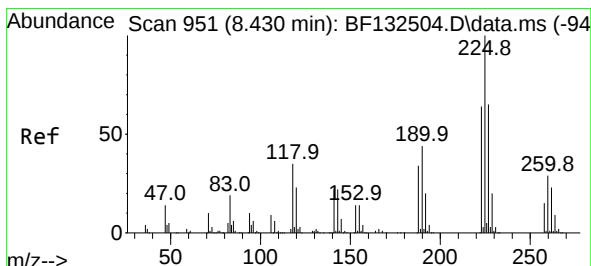
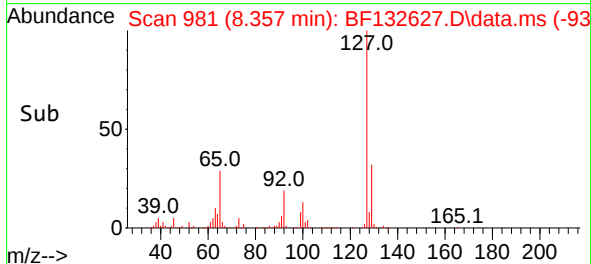
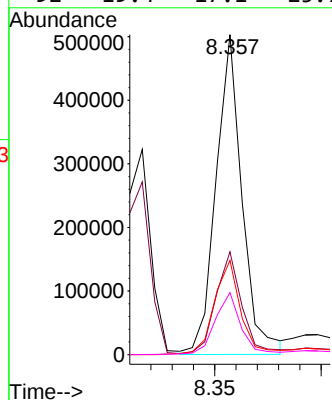
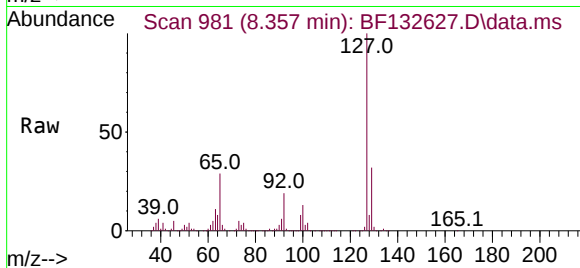
PB151190BS

Tgt Ion:127 Resp: 428223
Ion Ratio Lower Upper
127 100
129 32.1 26.4 39.6
65 29.4 28.8 43.2
92 19.4 17.1 25.7

Manual Integrations

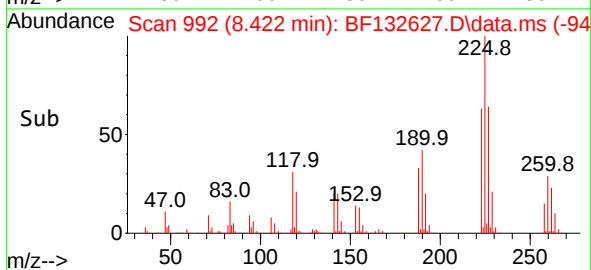
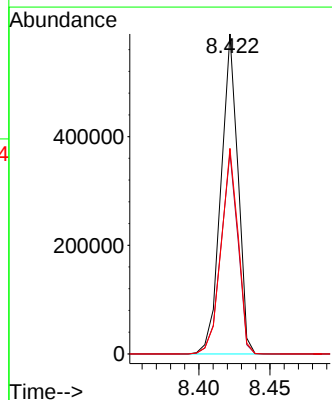
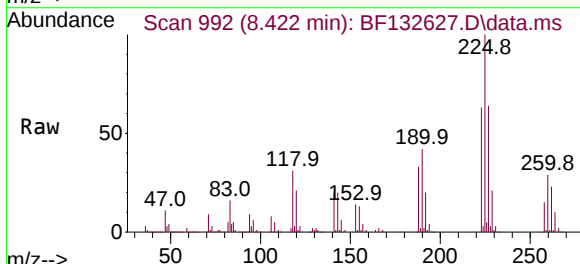
APPROVED

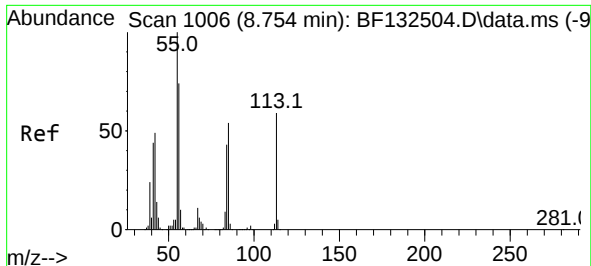
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#34
Hexachlorobutadiene
Concen: 41.694 ng
RT: 8.422 min Scan# 992
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

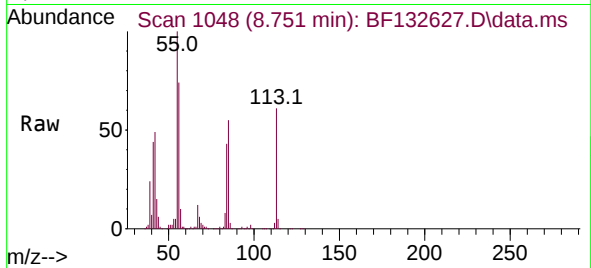
Tgt Ion:225 Resp: 488667
Ion Ratio Lower Upper
225 100
223 62.9 51.0 76.4
227 64.2 51.7 77.5





#35
 Caprolactam
 Concen: 41.298 ng m
 RT: 8.751 min Scan# 1048
 Delta R.T. 0.009 min
 Lab File: BF132627.D
 Acq: 03 Mar 2023 14:14

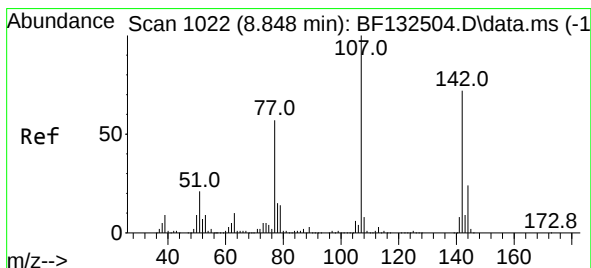
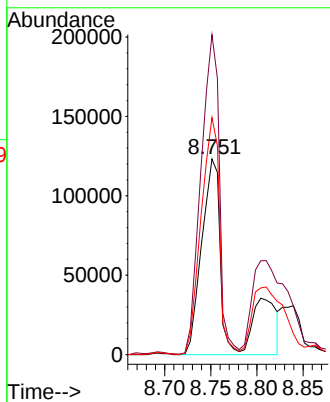
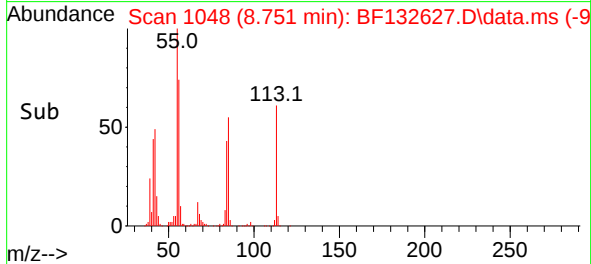
Instrument :
 BNA_F
 ClientSampleId :
 PB151190BS



Tgt Ion:113 Resp: 231252
 Ion Ratio Lower Upper
 113 100
 55 163.6 149.4 189.4
 56 121.1 105.0 145.0

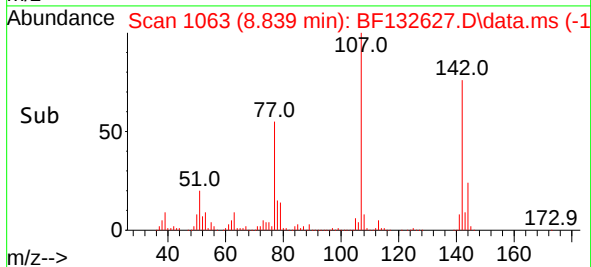
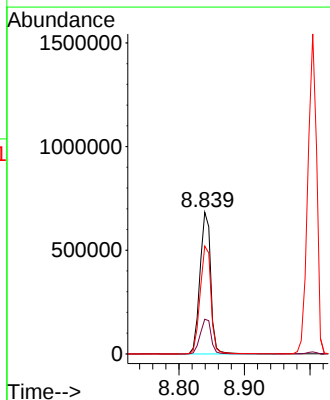
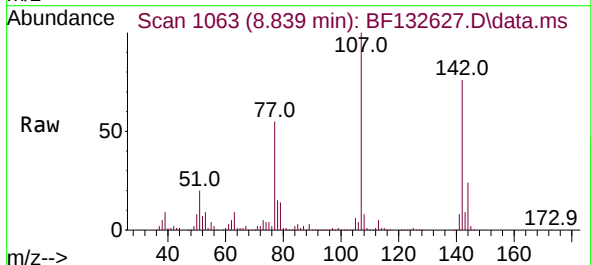
Manual Integrations
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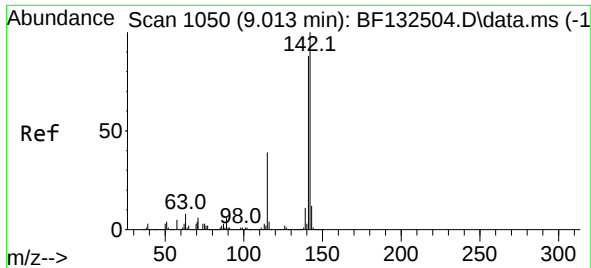
Reviewed By :Christian Giraldo 03/06/2023
 Supervised By :Jagrut Upadhyay 03/06/2023



#36
 4-Chloro-3-methylphenol
 Concen: 41.389 ng
 RT: 8.839 min Scan# 1063
 Delta R.T. -0.003 min
 Lab File: BF132627.D
 Acq: 03 Mar 2023 14:14

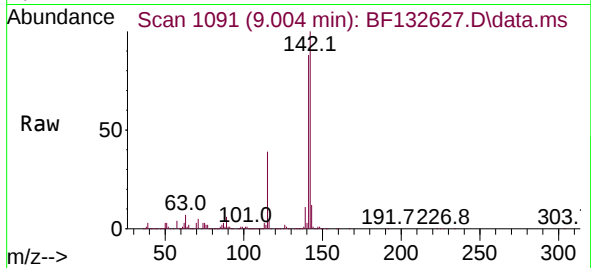
Tgt Ion:107 Resp: 772067
 Ion Ratio Lower Upper
 107 100
 144 24.5 18.9 28.3
 142 76.1 57.9 86.9





#37
2-Methylnaphthalene
Concen: 38.109 ng
RT: 9.004 min Scan# 1108
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

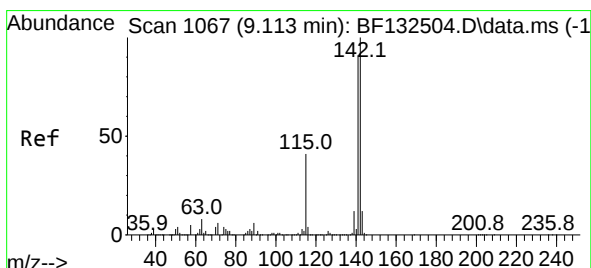
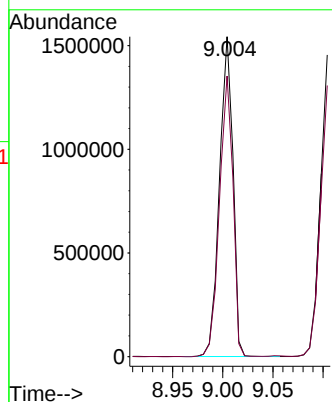
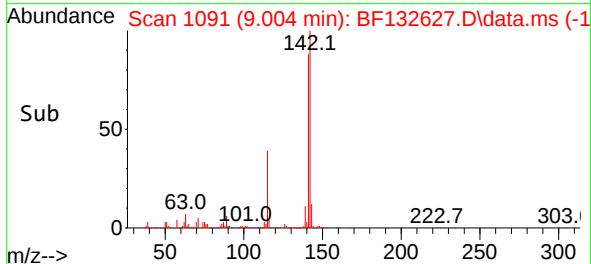
Instrument :
BNA_F
ClientSampleId :
PB151190BS



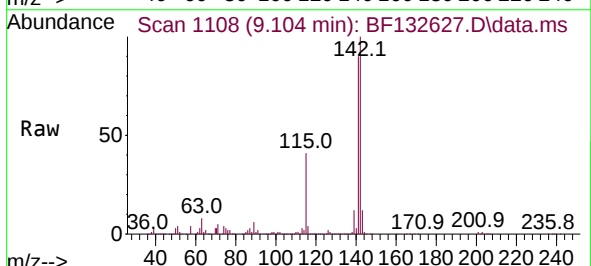
Tgt Ion:142 Resp: 1446235
Ion Ratio Lower Upper
142 100
141 87.7 70.2 105.2

Manual Integrations
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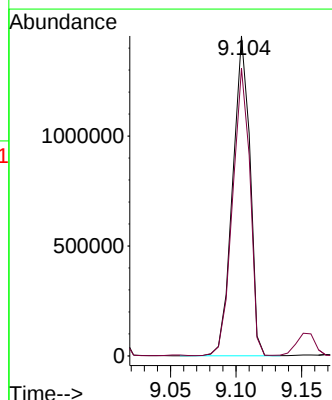
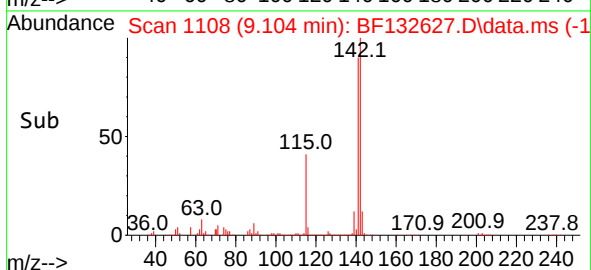
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

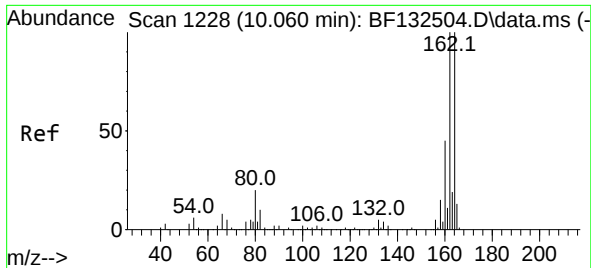


#38
1-Methylnaphthalene
Concen: 37.535 ng
RT: 9.104 min Scan# 1108
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14



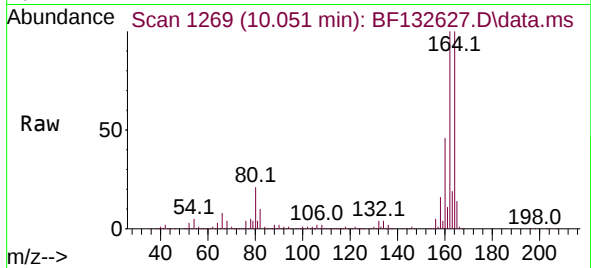
Tgt Ion:142 Resp: 1331207
Ion Ratio Lower Upper
142 100
141 89.9 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1120
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

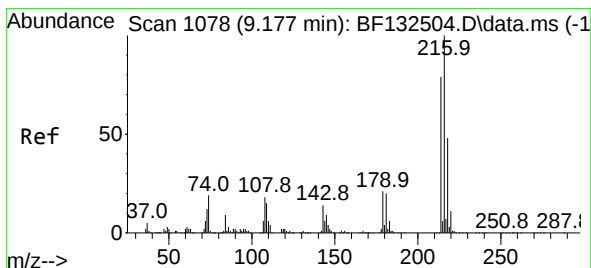
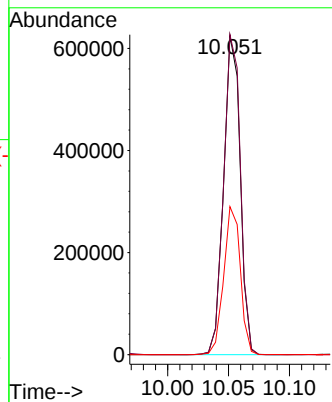
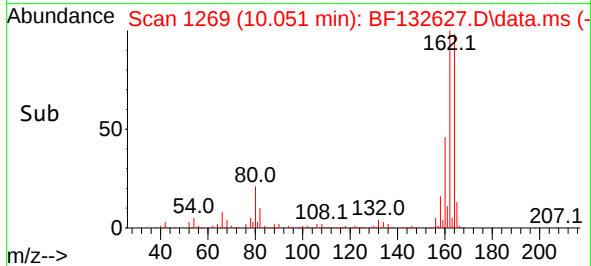
Instrument :
BNA_F
ClientSampleId :
PB151190BS



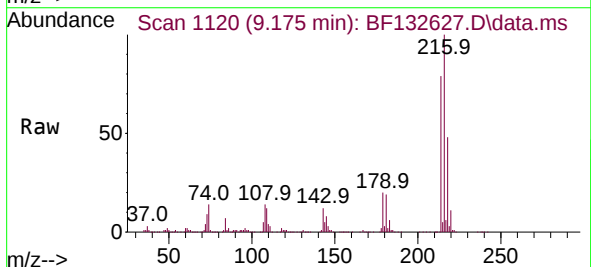
Tgt Ion:164 Resp: 591035
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 46.4 35.8 53.6

Manual Integrations
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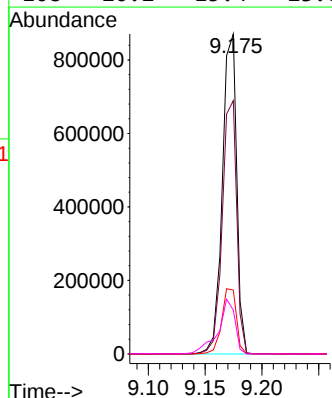
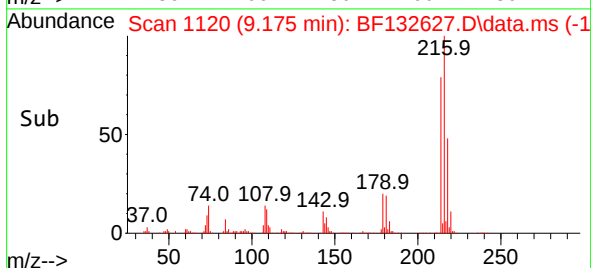
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

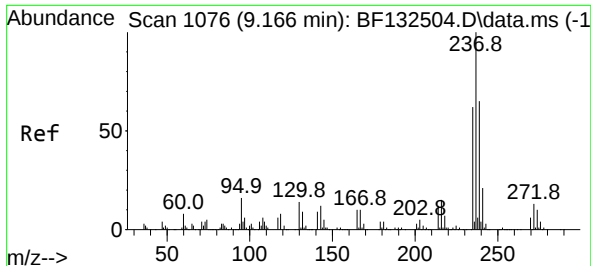


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.358 ng
RT: 9.175 min Scan# 1120
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14



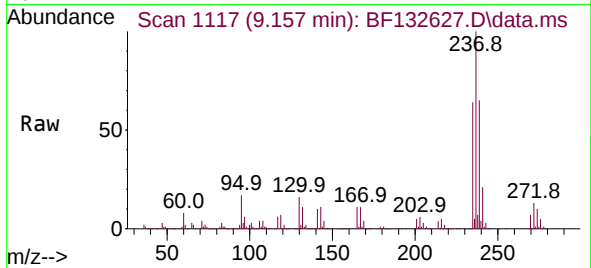
Tgt Ion:216 Resp: 761079
Ion Ratio Lower Upper
216 100
214 79.7 63.0 94.6
179 20.8 16.6 24.8
108 20.2 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 89.475 ng
RT: 9.157 min Scan# 1117
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

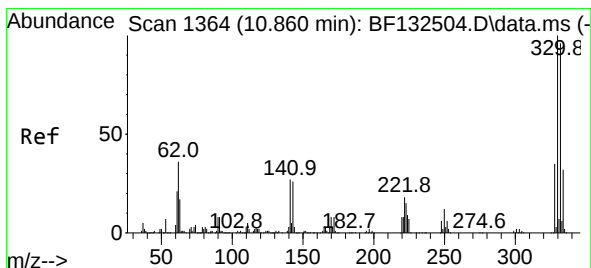
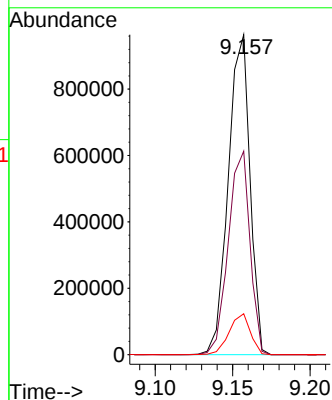
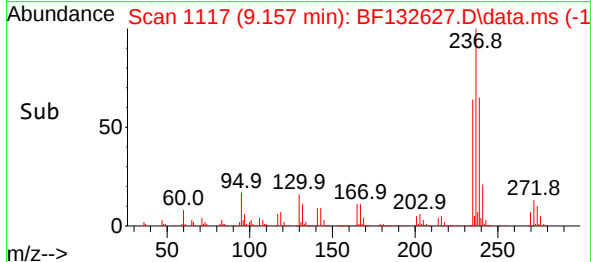
Instrument :
BNA_F
ClientSampleId :
PB151190BS



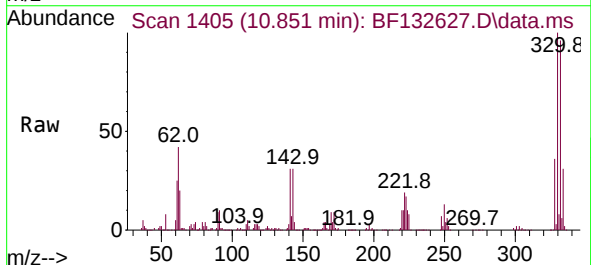
Tgt Ion:237 Resp: 93844
Ion Ratio Lower Upper
237 100
235 63.6 42.4 82.4
272 12.8 0.0 32.7

Manual Integrations
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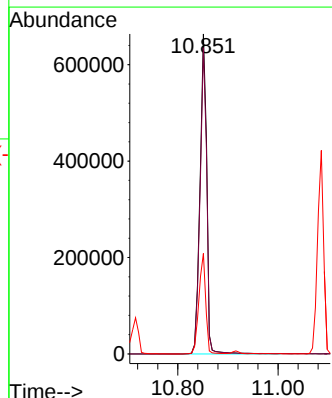
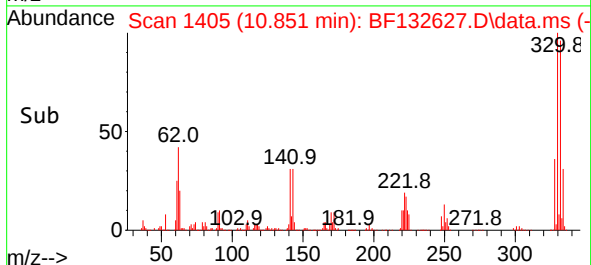
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

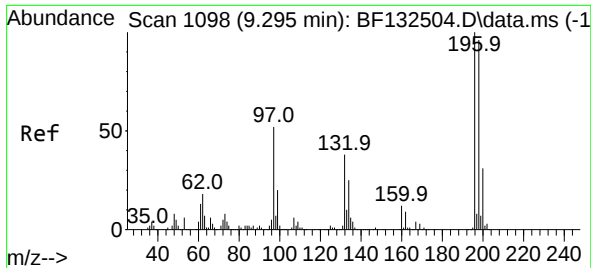


#42
2,4,6-Tribromophenol
Concen: 96.669 ng
RT: 10.851 min Scan# 1405
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14



Tgt Ion:330 Resp: 617032
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 31.6 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 41.161 ng

RT: 9.281 min Scan# 111

Delta R.T. -0.003 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB151190BS

Tgt Ion:196 Resp: 53940

Ion Ratio Lower Upper

196 100

198 95.1 77.1 115.7

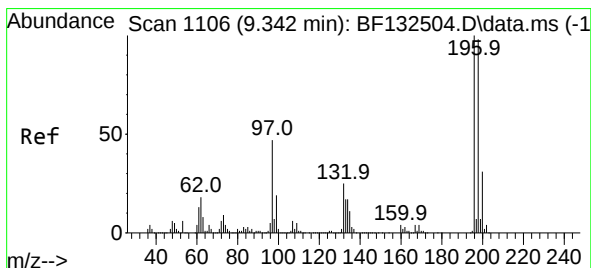
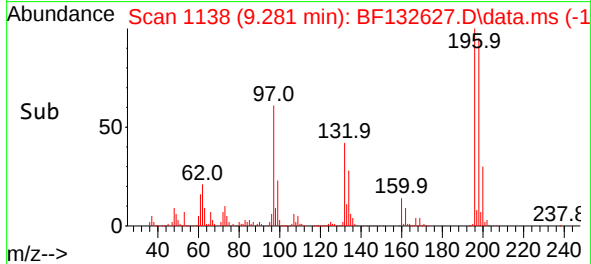
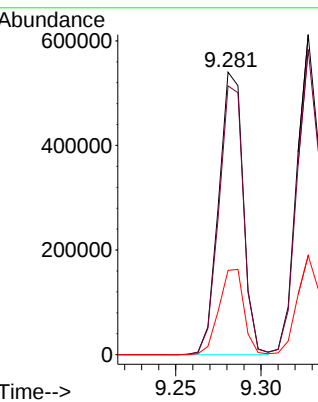
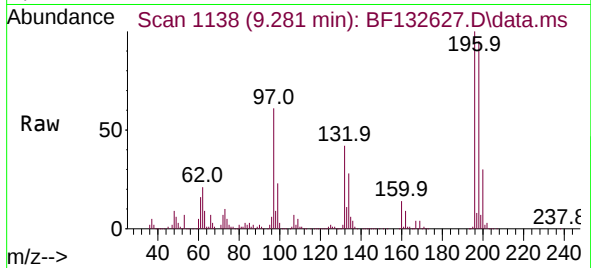
200 29.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#44

2,4,5-Trichlorophenol

Concen: 37.979 ng

RT: 9.328 min Scan# 1146

Delta R.T. 0.003 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

Tgt Ion:196 Resp: 580900

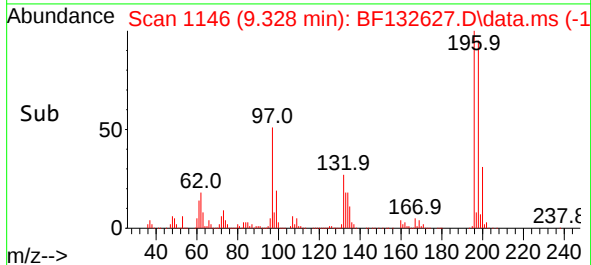
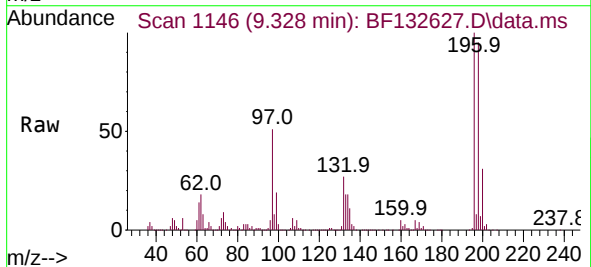
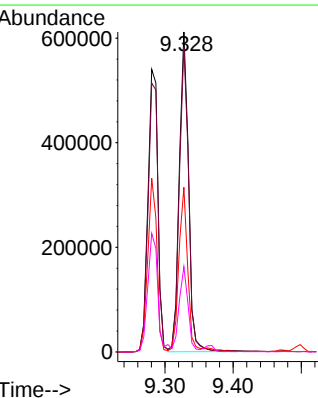
Ion Ratio Lower Upper

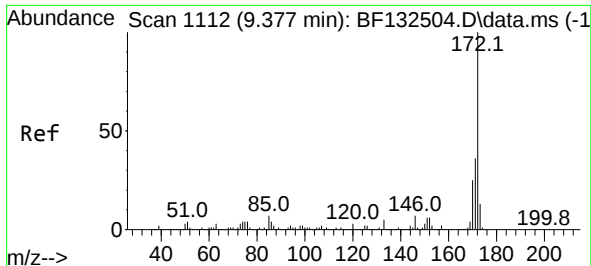
196 100

198 95.3 78.3 117.5

97 51.4 38.1 57.1

132 26.6 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 57.320 ng
RT: 9.369 min Scan# 1112
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

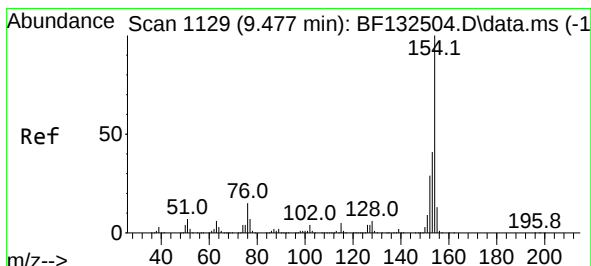
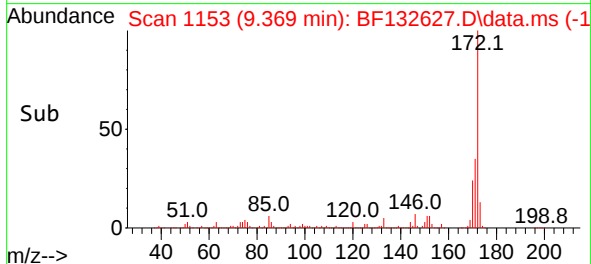
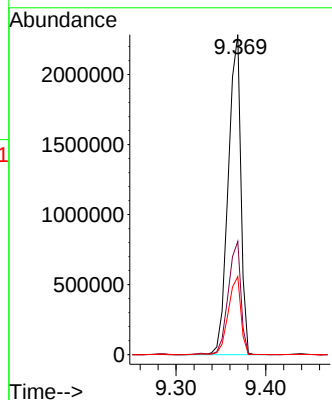
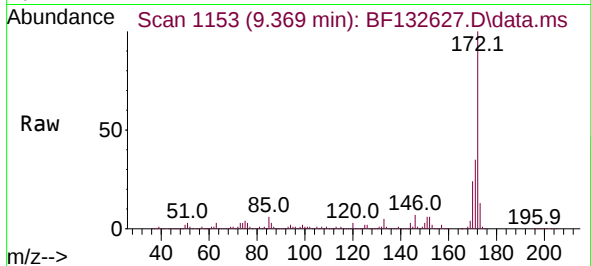
PB151190BS

Tgt Ion:172 Resp: 222491
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.4 19.7 29.5

Manual Integrations

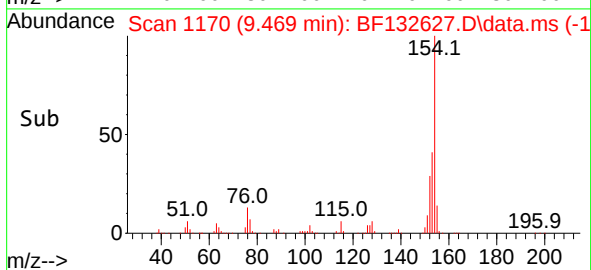
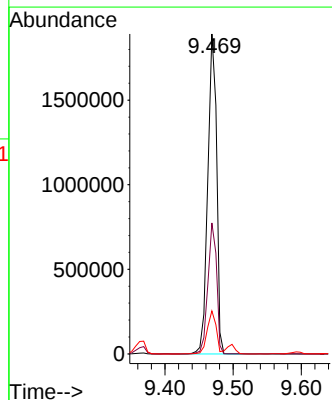
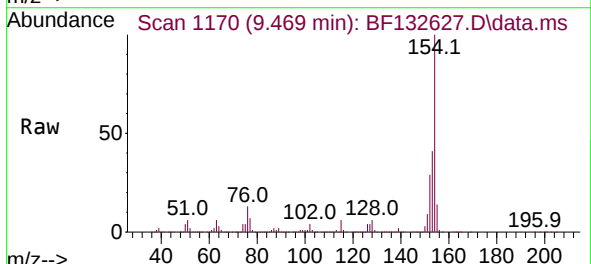
APPROVED

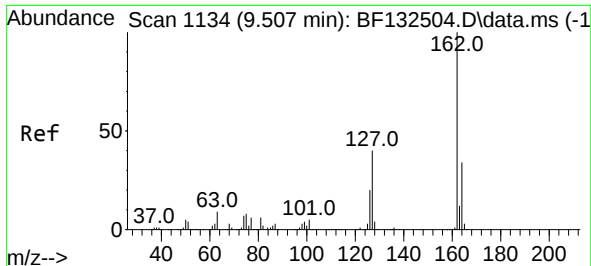
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#46
1,1'-Biphenyl
Concen: 38.153 ng
RT: 9.469 min Scan# 1170
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Tgt Ion:154 Resp: 1706741
Ion Ratio Lower Upper
154 100
153 41.0 20.9 60.9
76 13.4 0.0 34.7





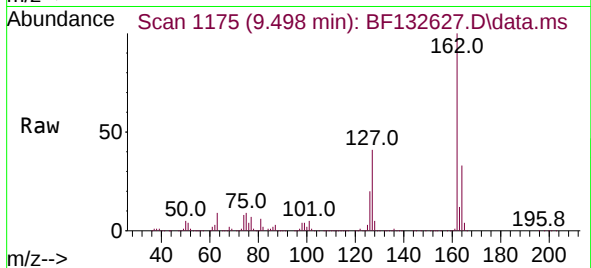
#47
2-Chloronaphthalene
Concen: 39.772 ng
RT: 9.498 min Scan# 11175
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB151190BS

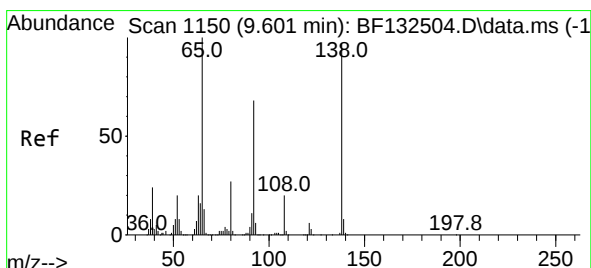
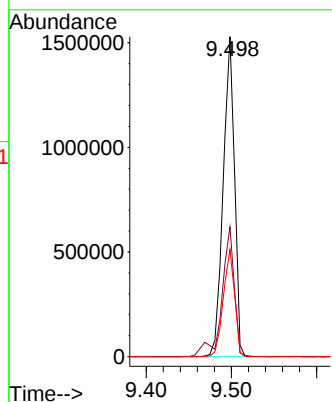
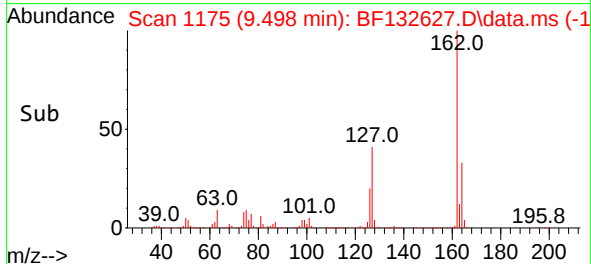


Tgt Ion:162 Resp: 1410598
Ion Ratio Lower Upper
162 100
127 40.5 32.3 48.5
164 33.5 26.9 40.3

Manual Integrations

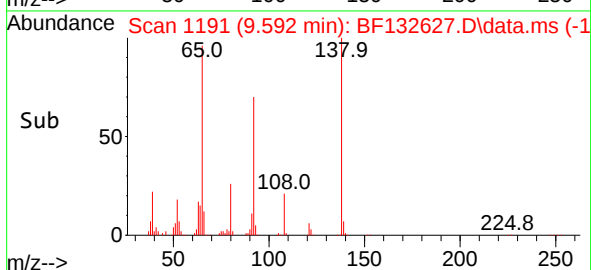
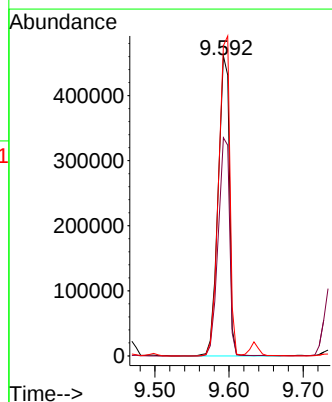
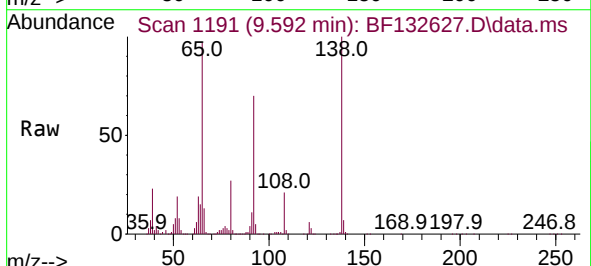
APPROVED

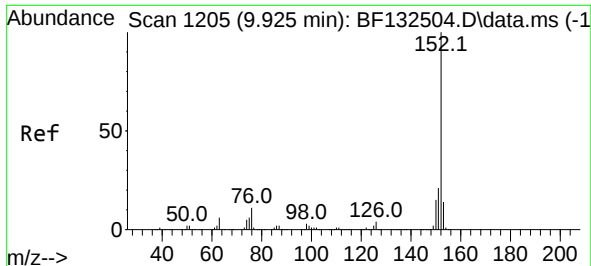
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#48
2-Nitroaniline
Concen: 37.292 ng
RT: 9.592 min Scan# 11191
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Tgt Ion: 65 Resp: 487133
Ion Ratio Lower Upper
65 100
92 72.7 54.5 81.7
138 103.4 77.2 115.8





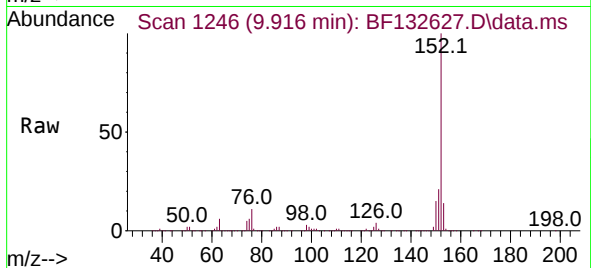
#49
Acenaphthylene
Concen: 37.501 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB151190BS

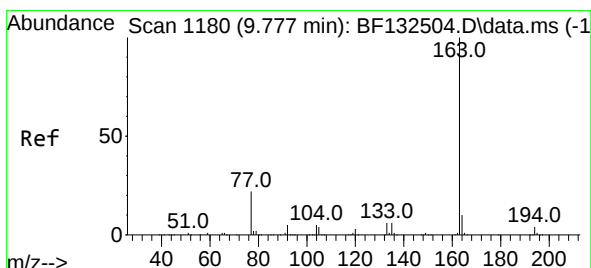
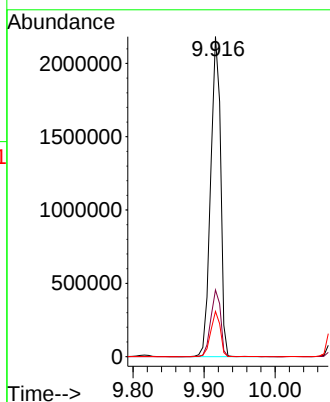
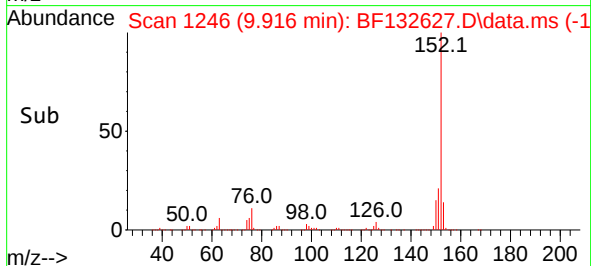


Tgt Ion:152 Resp: 2116827
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 14.1 11.0 16.6

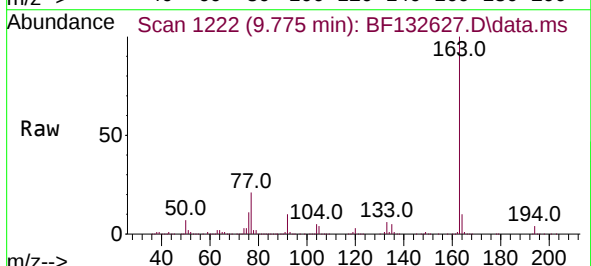
Manual Integrations

APPROVED

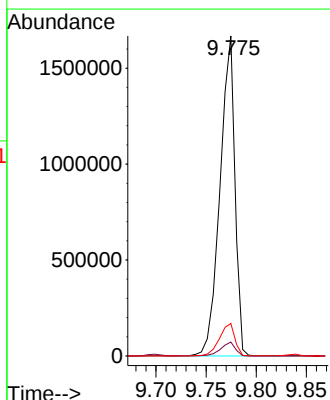
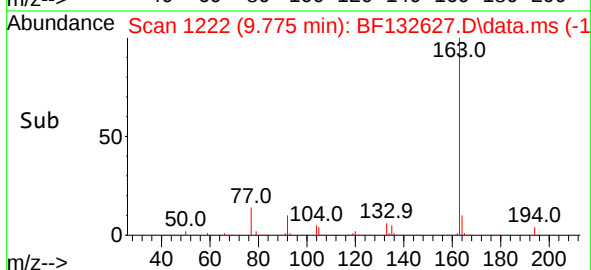
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

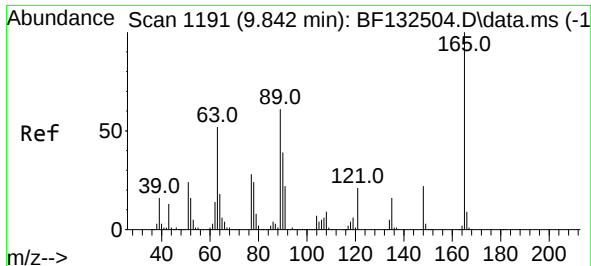


#50
Dimethylphthalate
Concen: 40.335 ng
RT: 9.775 min Scan# 1222
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14



Tgt Ion:163 Resp: 1735800
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.1 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 40.399 ng

RT: 9.839 min Scan# 1191

Delta R.T. 0.003 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB151190BS

Tgt Ion:165 Resp: 395943

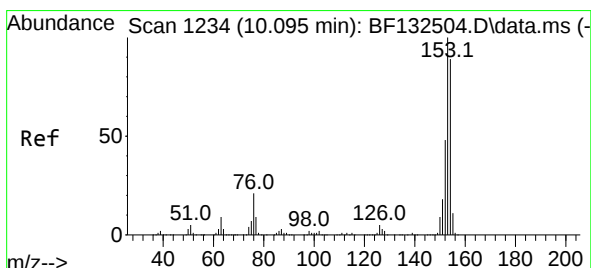
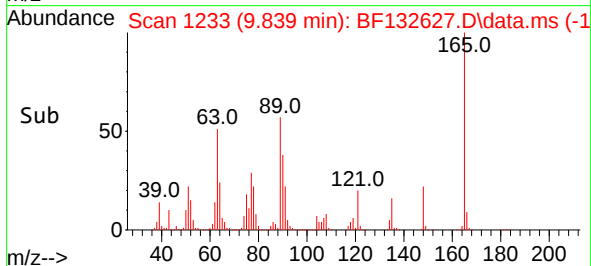
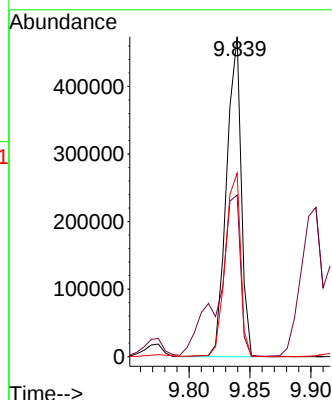
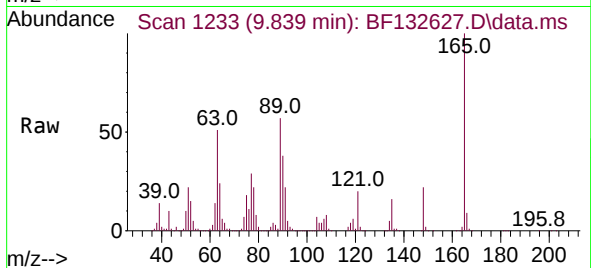
Ion	Ratio	Lower	Upper
165	100		
63	50.5	47.3	70.9
89	57.3	48.9	73.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#52

Acenaphthene

Concen: 43.637 ng m

RT: 10.092 min Scan# 1276

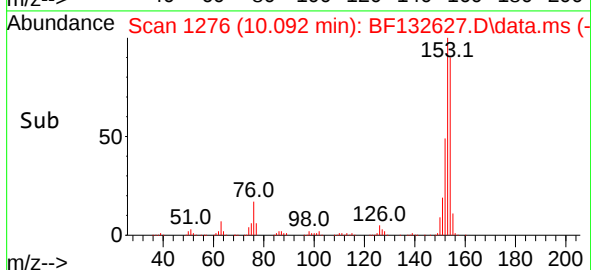
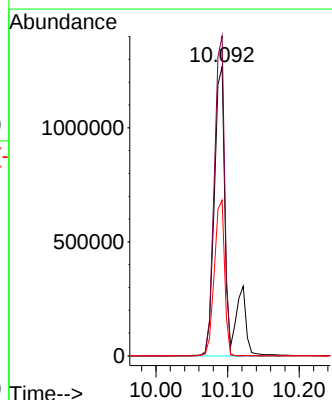
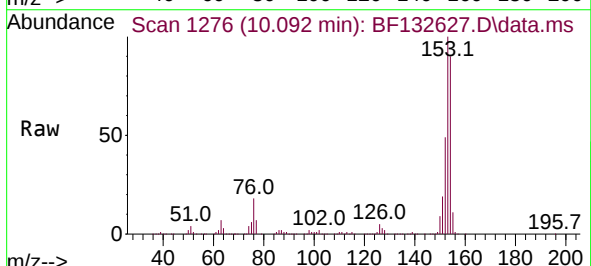
Delta R.T. 0.003 min

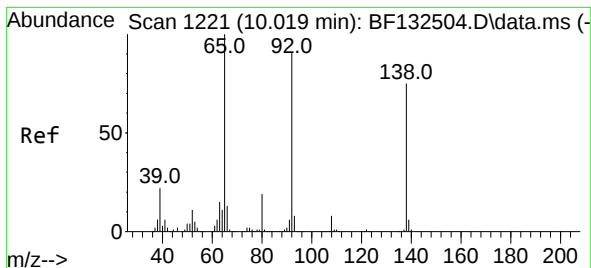
Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

Tgt Ion:154 Resp: 1564082

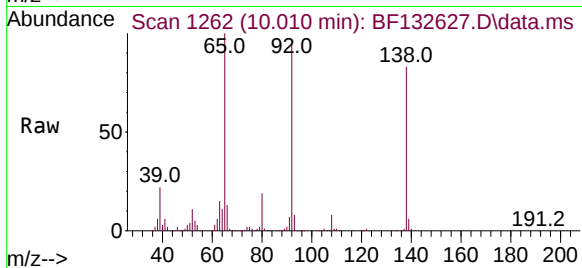
Ion	Ratio	Lower	Upper
154	100		
153	110.6	89.8	134.8
152	53.8	43.3	64.9





#53
3-Nitroaniline
Concen: 27.980 ng
RT: 10.010 min Scan# 1262
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

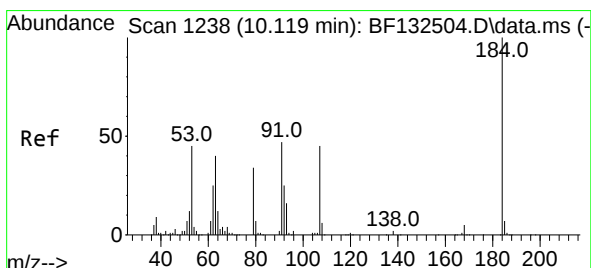
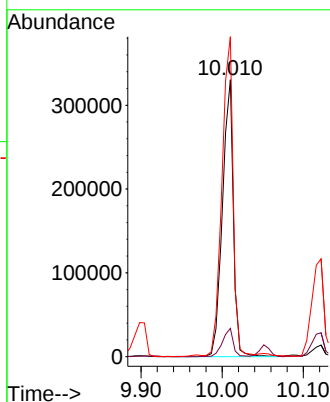
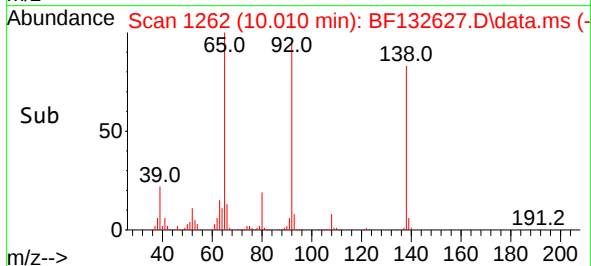
Instrument :
BNA_F
ClientSampleId :
PB151190BS



Tgt Ion:138 Resp: 306750
Ion Ratio Lower Upper
138 100
108 10.2 8.1 12.1
92 115.6 97.2 145.8

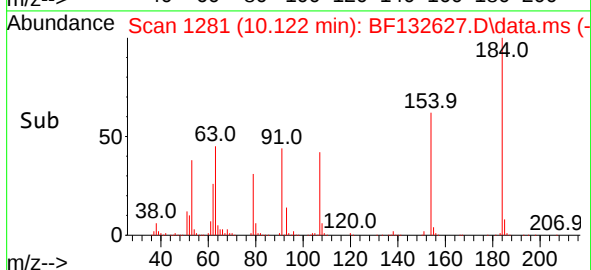
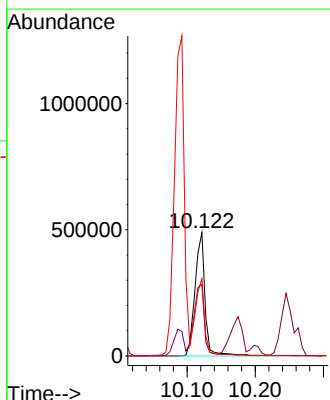
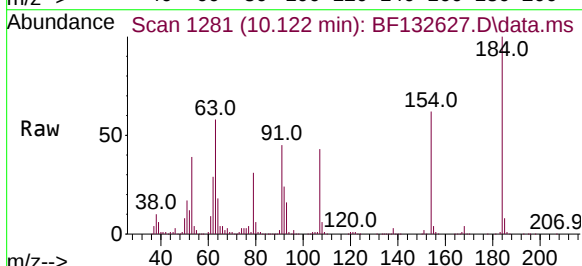
Manual Integrations
APPROVED

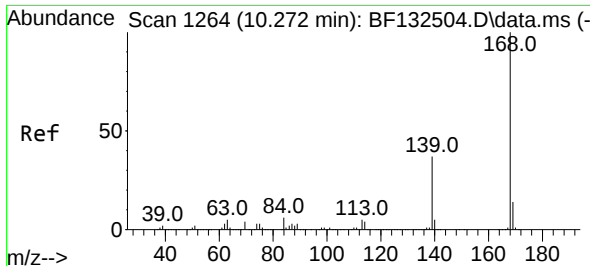
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#54
2,4-Dinitrophenol
Concen: 81.427 ng
RT: 10.122 min Scan# 1281
Delta R.T. 0.009 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

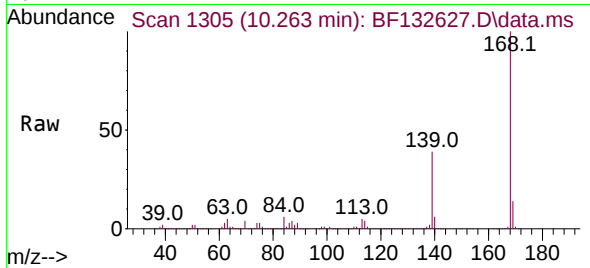
Tgt Ion:184 Resp: 503106
Ion Ratio Lower Upper
184 100
63 58.1 51.4 77.2
154 62.5 48.3 72.5





#55
Dibenzofuran
Concen: 36.651 ng
RT: 10.263 min Scan# 1305
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

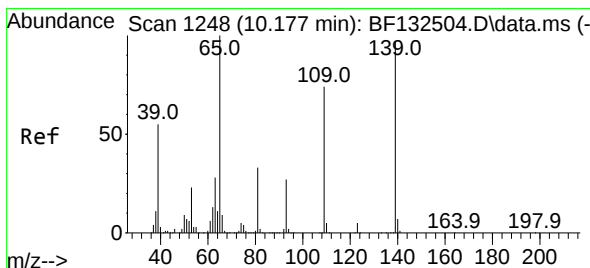
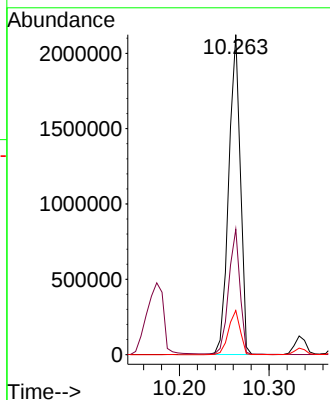
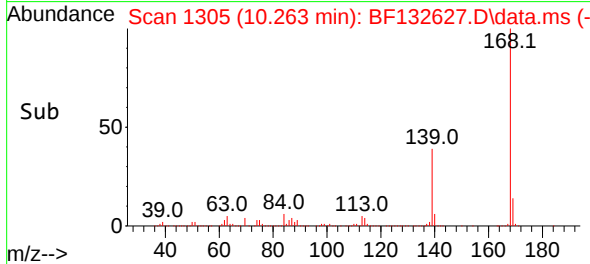
Instrument :
BNA_F
ClientSampleId :
PB151190BS



Tgt Ion:168 Resp: 1915181
Ion Ratio Lower Upper
168 100
139 39.2 29.8 44.6
169 13.8 10.9 16.3

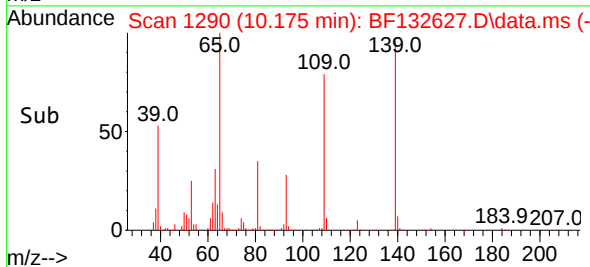
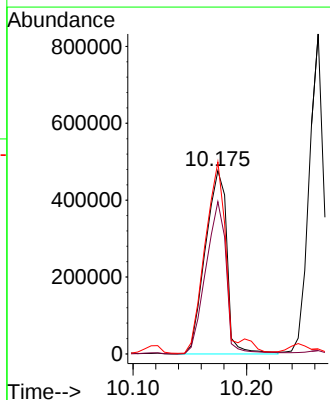
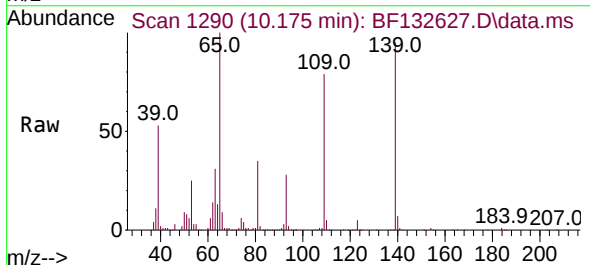
Manual Integrations
APPROVED

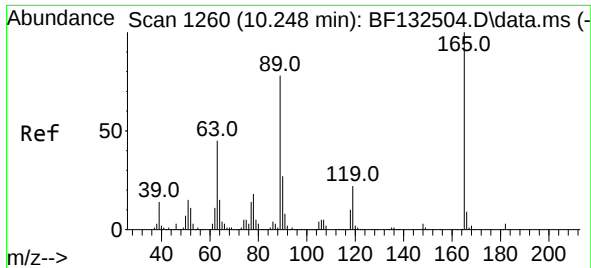
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#56
4-Nitrophenol
Concen: 77.054 ng
RT: 10.175 min Scan# 1290
Delta R.T. 0.009 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

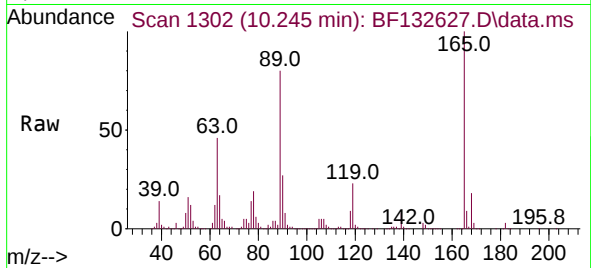
Tgt Ion:139 Resp: 629996
Ion Ratio Lower Upper
139 100
109 83.1 56.7 96.7
65 104.8 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 39.702 ng
RT: 10.245 min Scan# 1364
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

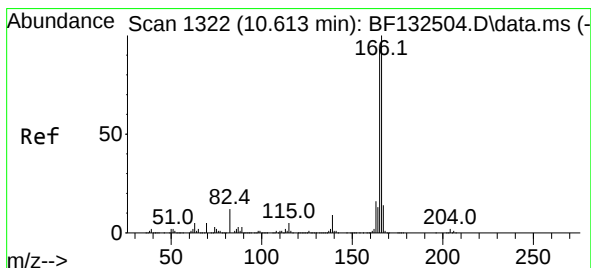
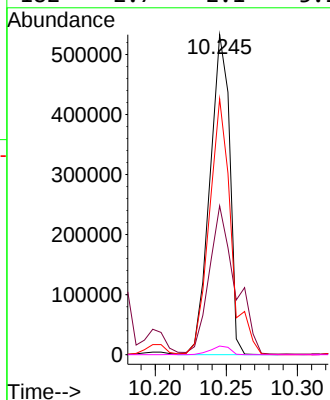
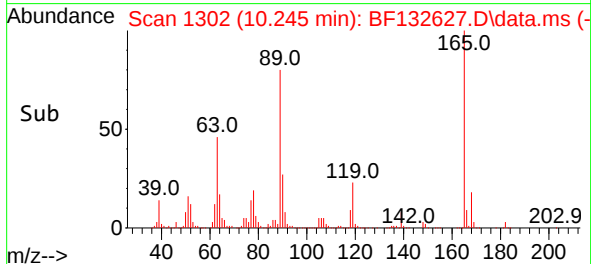
Instrument :
BNA_F
ClientSampleId :
PB151190BS



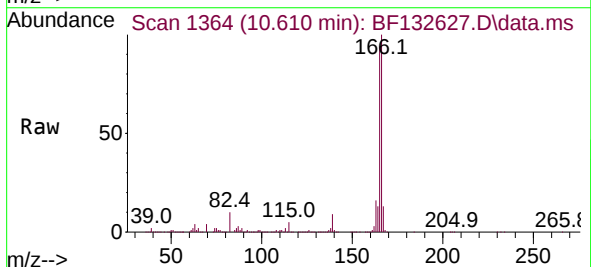
Tgt Ion:165 Resp: 517660
Ion Ratio Lower Upper
165 100
63 46.5 36.5 54.7
89 79.9 62.4 93.6
182 2.7 2.1 3.1

Manual Integrations
APPROVED

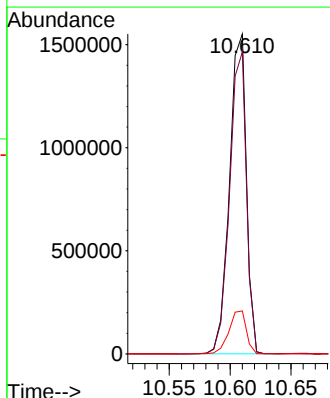
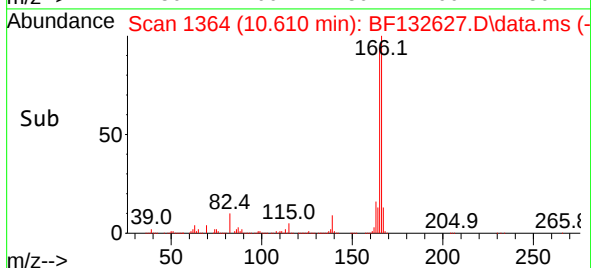
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

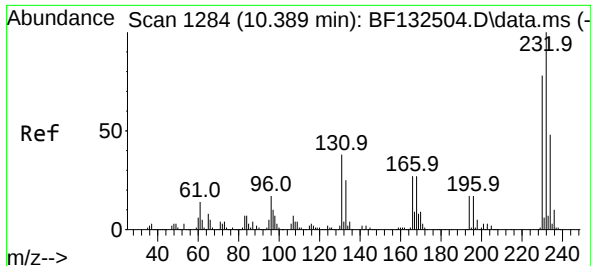


#58
Fluorene
Concen: 37.487 ng
RT: 10.610 min Scan# 1364
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14



Tgt Ion:166 Resp: 1498344
Ion Ratio Lower Upper
166 100
165 94.4 74.2 111.4
167 13.4 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.761 ng
RT: 10.381 min Scan# 1310
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

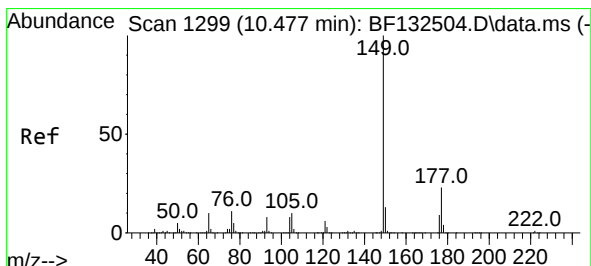
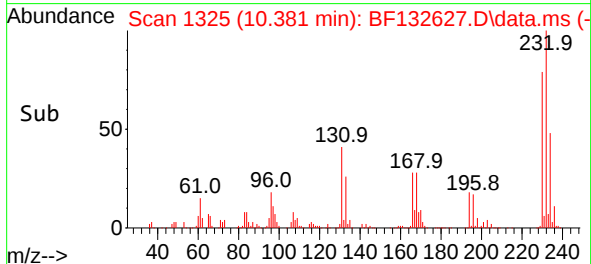
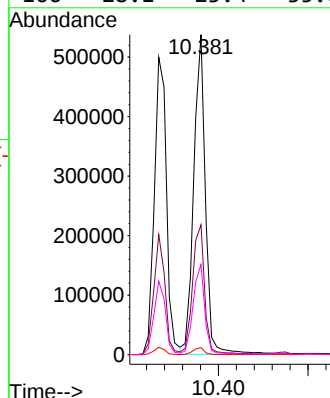
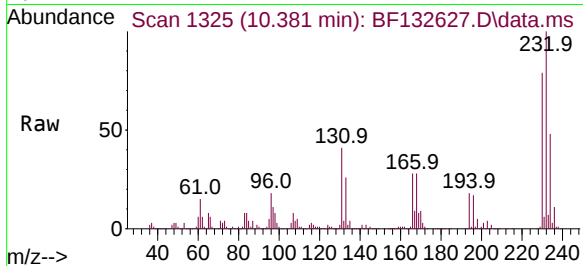
PB151190BS

Tgt Ion:232 Resp: 485846
Ion Ratio Lower Upper
232 100
131 41.5 33.8 50.8
130 2.0 1.7 2.5
166 28.1 23.4 35.0

Manual Integrations

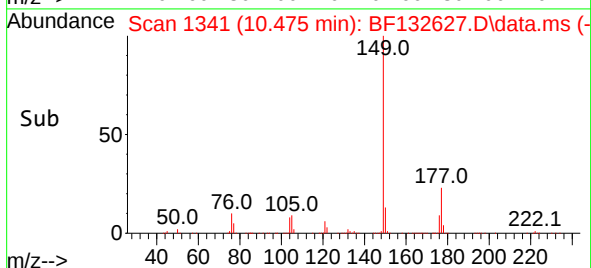
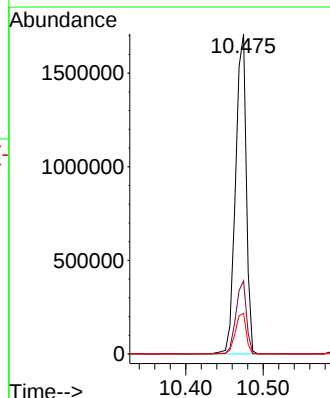
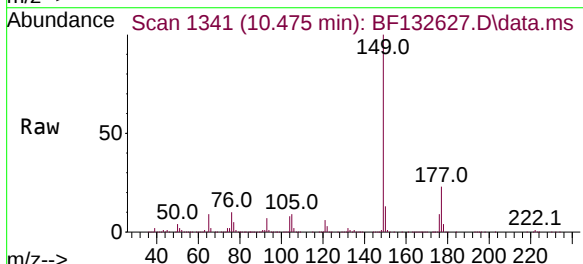
APPROVED

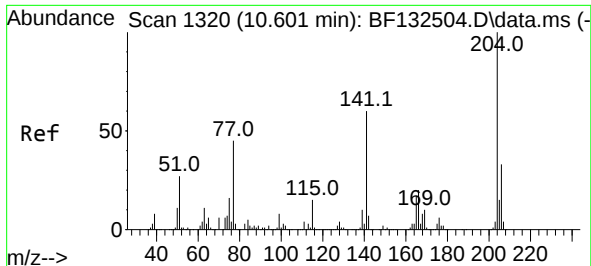
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#60
Diethylphthalate
Concen: 39.134 ng
RT: 10.475 min Scan# 1341
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Tgt Ion:149 Resp: 1644815
Ion Ratio Lower Upper
149 100
177 22.9 18.1 27.1
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 37.919 ng
RT: 10.592 min Scan# 1361
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

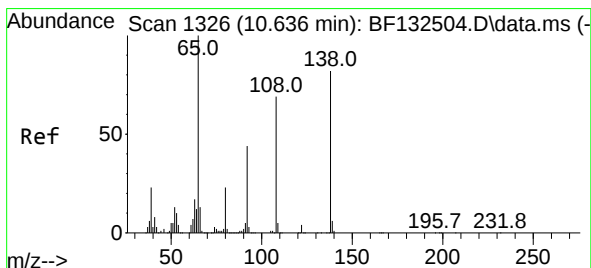
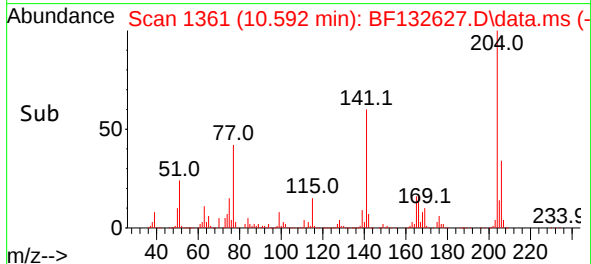
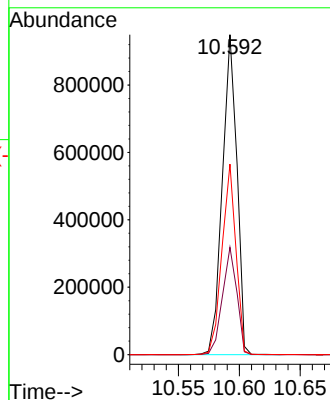
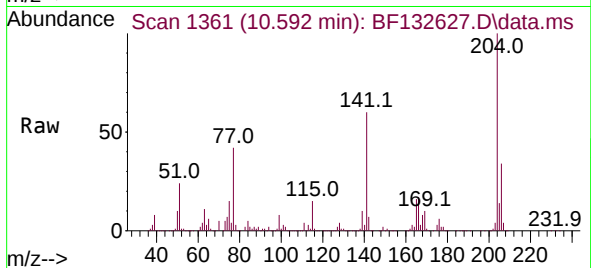
PB151190BS

Tgt Ion:204 Resp: 786250
Ion Ratio Lower Upper
204 100
206 33.5 26.3 39.5
141 59.5 47.8 71.8

Manual Integrations

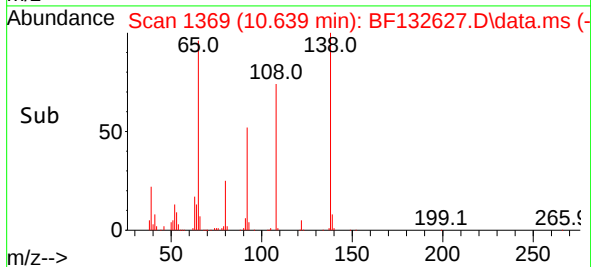
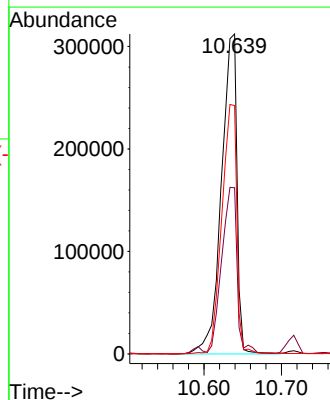
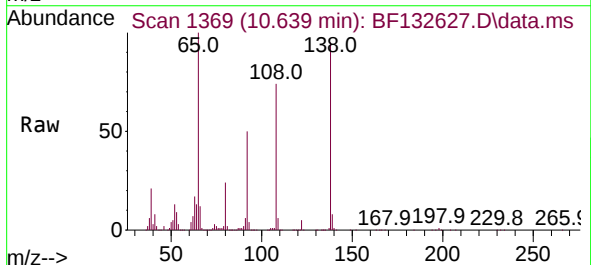
APPROVED

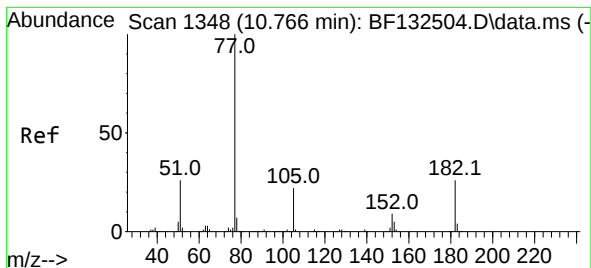
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#62
4-Nitroaniline
Concen: 40.378 ng
RT: 10.639 min Scan# 1369
Delta R.T. 0.009 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Tgt Ion:138 Resp: 434537
Ion Ratio Lower Upper
138 100
92 51.9 33.8 73.8
108 77.6 63.7 103.7





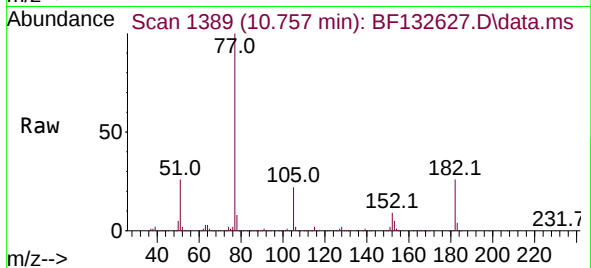
#63
Azobenzene
Concen: 37.134 ng
RT: 10.757 min Scan# 1348
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB151190BS

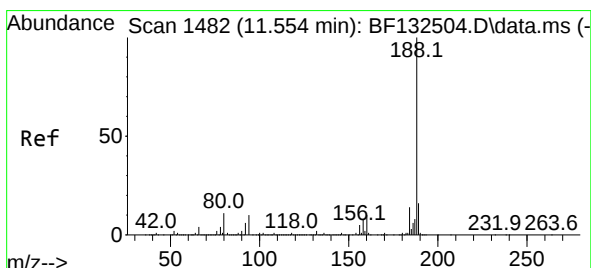
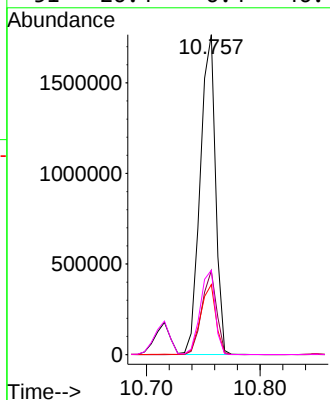
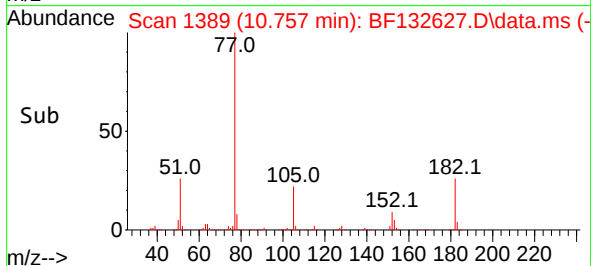


Tgt Ion: 77 Resp: 1652926
Ion Ratio Lower Upper
77 100
182 26.2 5.5 45.5
105 21.9 1.8 41.8
51 26.4 6.4 46.4

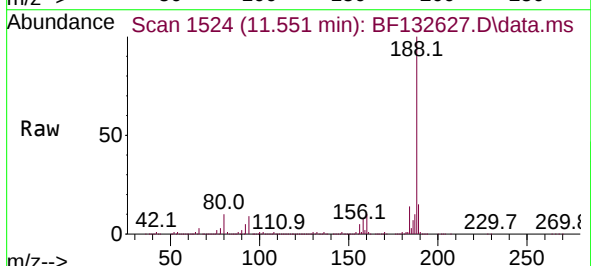
Manual Integrations

APPROVED

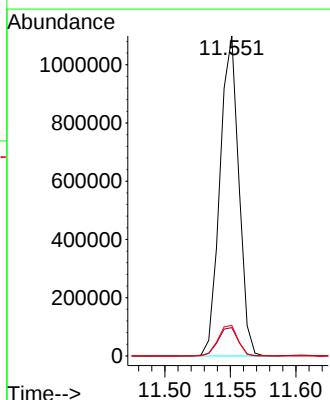
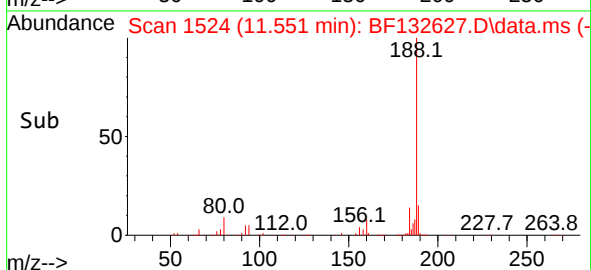
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

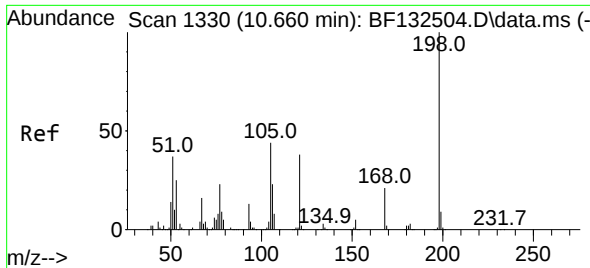


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.551 min Scan# 1524
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14



Tgt Ion:188 Resp: 1103538
Ion Ratio Lower Upper
188 100
94 8.9 8.3 12.5
80 9.5 8.7 13.1





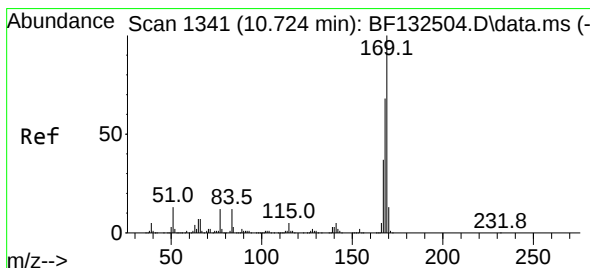
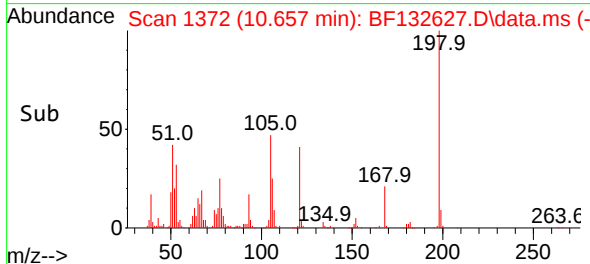
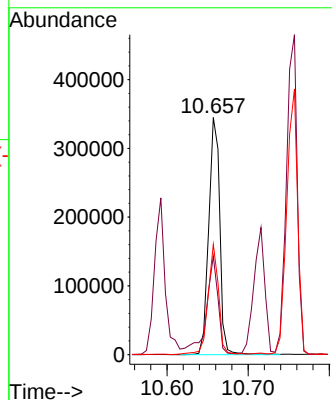
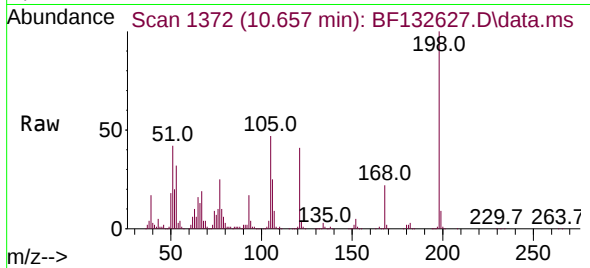
#65
4,6-Dinitro-2-methylphenol
Concen: 43.769 ng
RT: 10.657 min Scan# 1318
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Instrument :
BNA_F
ClientSampleId :
PB151190BS

Tgt Ion:198 Resp: 326969
Ion Ratio Lower Upper
198 100
51 41.5 20.6 60.6
105 46.5 24.3 64.3

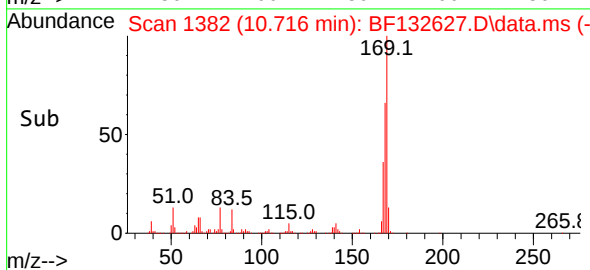
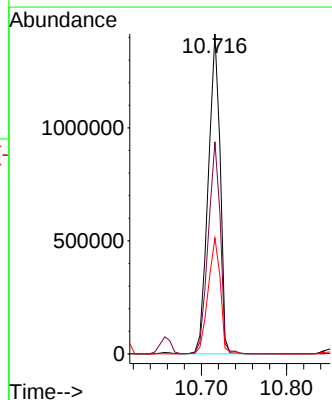
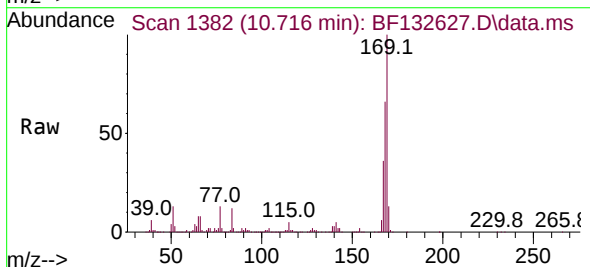
Manual Integrations
APPROVED

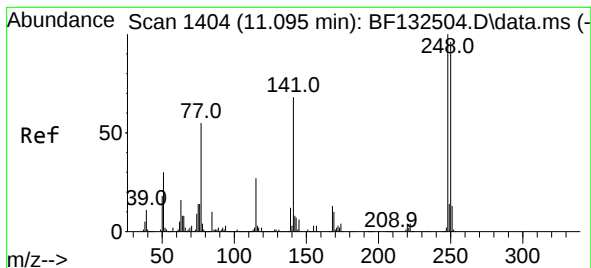
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#66
n-Nitrosodiphenylamine
Concen: 39.810 ng
RT: 10.716 min Scan# 1382
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

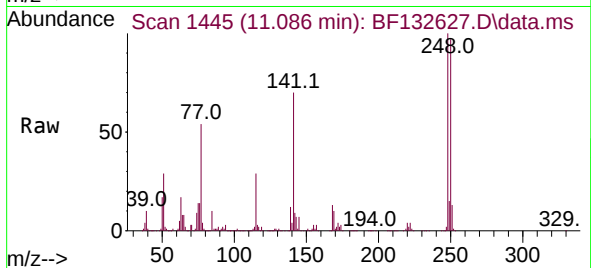
Tgt Ion:169 Resp: 1369595
Ion Ratio Lower Upper
169 100
168 66.3 54.2 81.4
167 36.2 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 41.682 ng
RT: 11.086 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

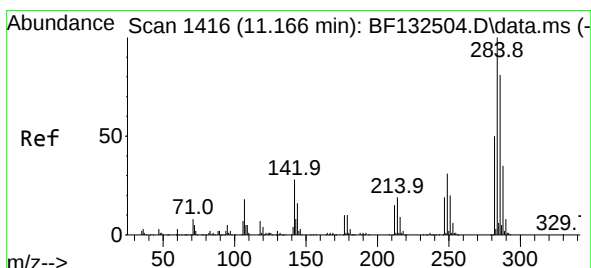
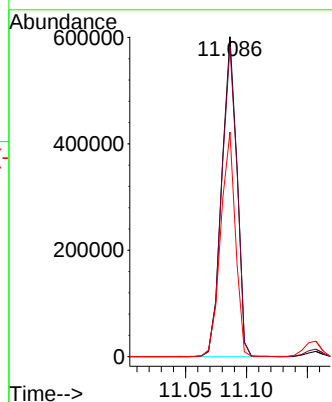
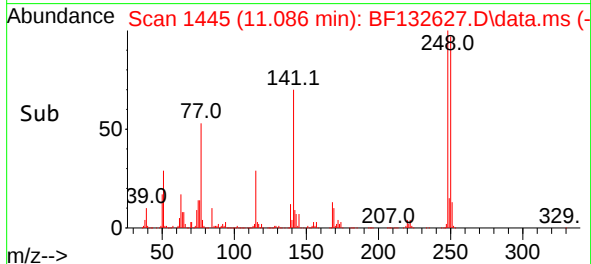
Instrument :
BNA_F
ClientSampleId :
PB151190BS



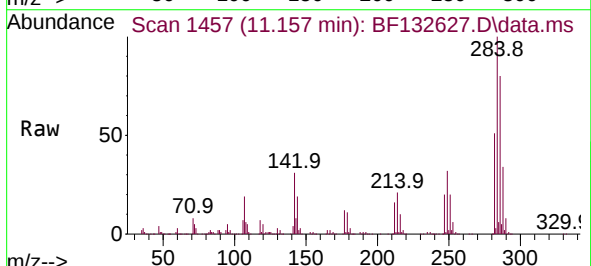
Tgt Ion:248 Resp: 520300
Ion Ratio Lower Upper
248 100
250 96.9 77.0 115.4
141 70.2 54.2 81.2

Manual Integrations
APPROVED

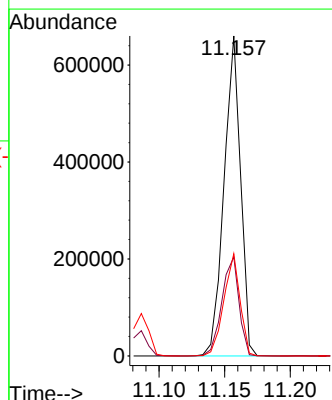
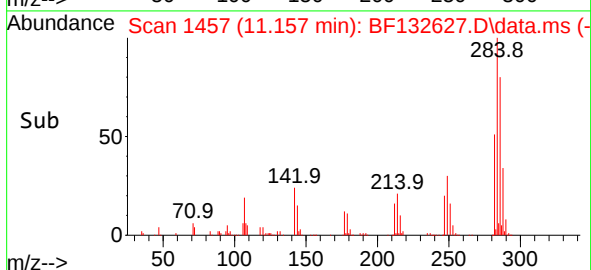
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

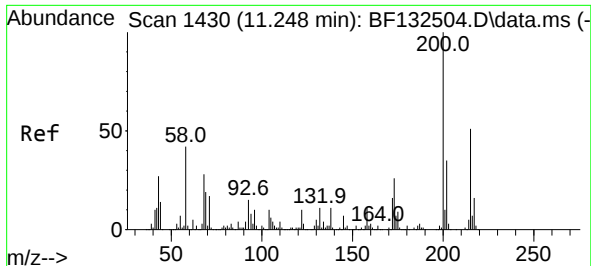


#68
Hexachlorobenzene
Concen: 44.062 ng
RT: 11.157 min Scan# 1457
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14



Tgt Ion:284 Resp: 578748
Ion Ratio Lower Upper
284 100
142 30.9 22.2 33.4
249 31.9 24.9 37.3





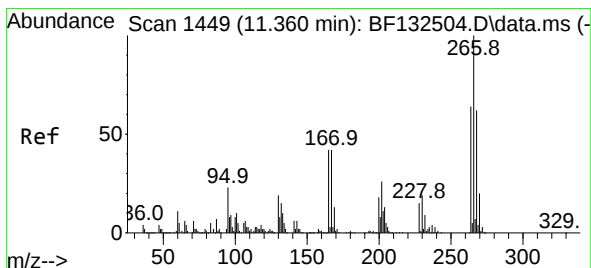
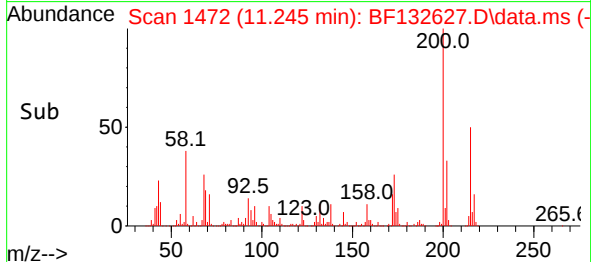
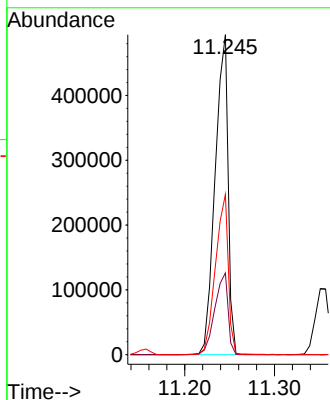
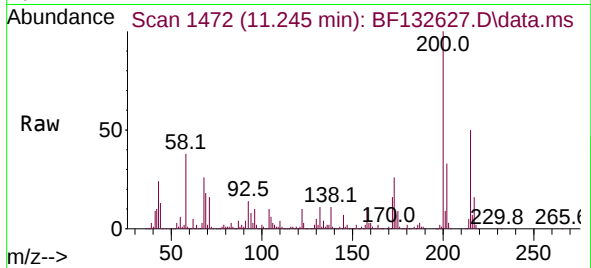
#69
Atrazine
Concen: 46.042 ng
RT: 11.245 min Scan# 1490
Delta R.T. 0.009 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Instrument :
BNA_F
ClientSampleId :
PB151190BS

Tgt Ion:200 Resp: 494514
Ion Ratio Lower Upper
200 100
173 25.5 6.4 46.4
215 50.1 31.0 71.0

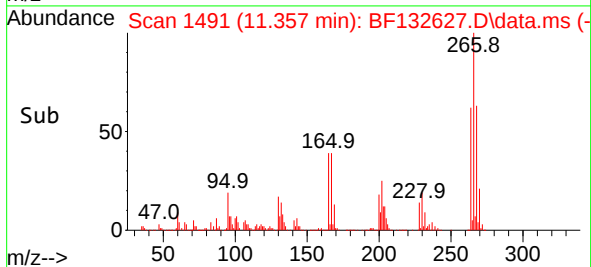
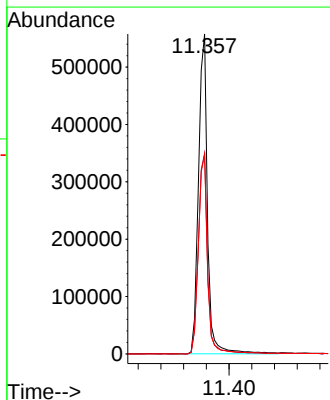
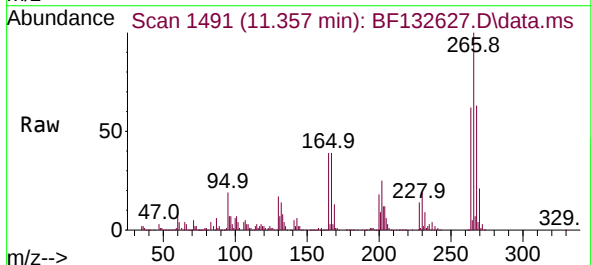
Manual Integrations
APPROVED

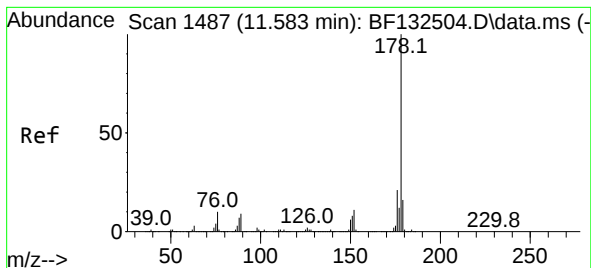
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#70
Pentachlorophenol
Concen: 78.212 ng
RT: 11.357 min Scan# 1491
Delta R.T. 0.009 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

Tgt Ion:266 Resp: 611201
Ion Ratio Lower Upper
266 100
268 62.6 49.8 74.6
264 62.3 50.9 76.3





#71

Phenanthrene

Concen: 37.464 ng

RT: 11.580 min Scan# 1529

Delta R.T. 0.003 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB151190BS

Tgt Ion:178 Resp: 2141759

Ion Ratio Lower Upper

178 100

176 20.5 16.5 24.7

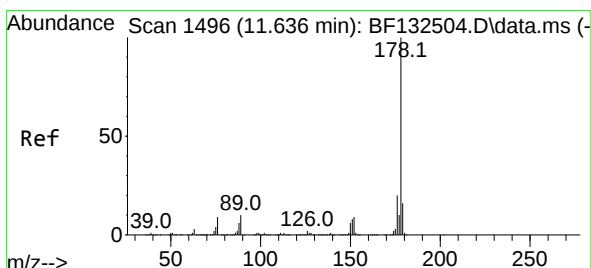
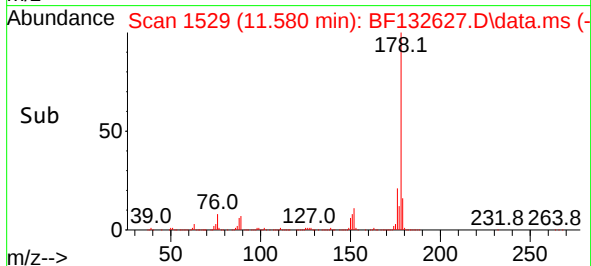
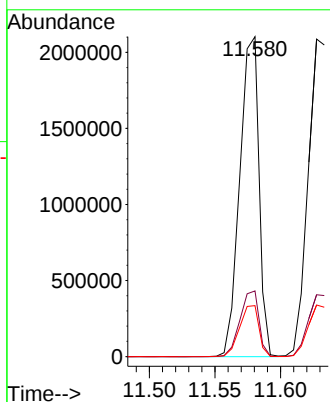
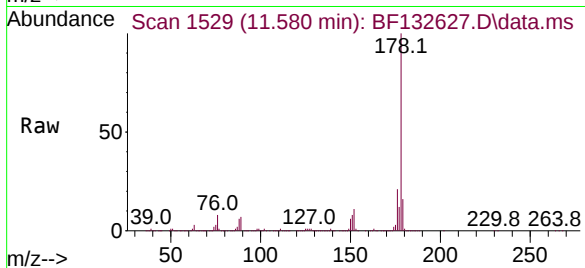
179 15.9 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#72

Anthracene

Concen: 37.560 ng

RT: 11.628 min Scan# 1537

Delta R.T. -0.003 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

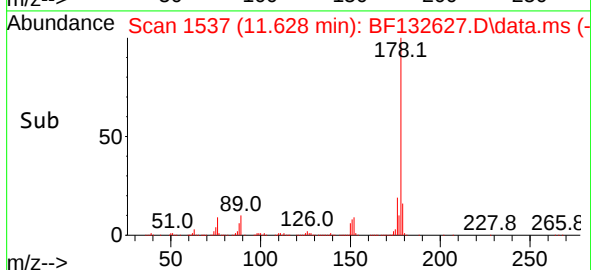
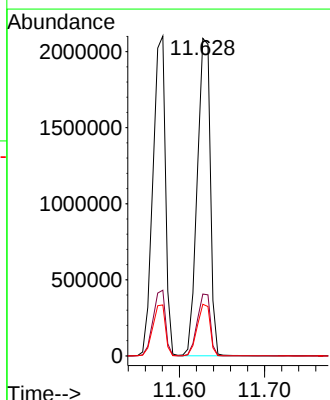
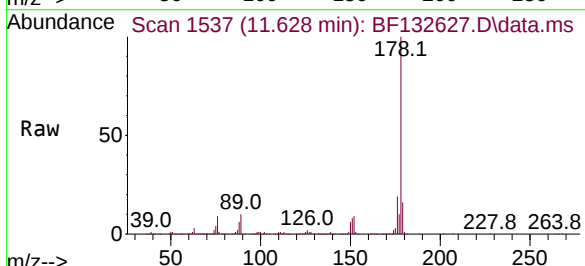
Tgt Ion:178 Resp: 2211176

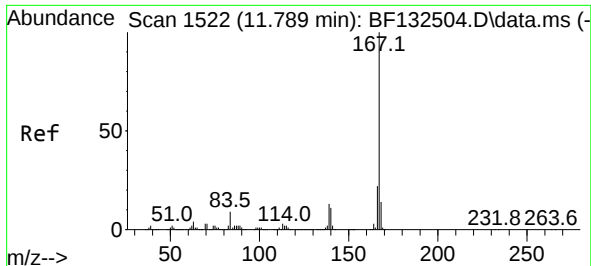
Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

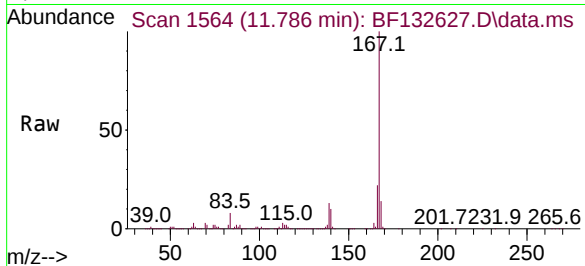
179 16.3 12.5 18.7





#73
 Carbazole
 Concen: 37.590 ng
 RT: 11.786 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: BF132627.D
 Acq: 03 Mar 2023 14:14

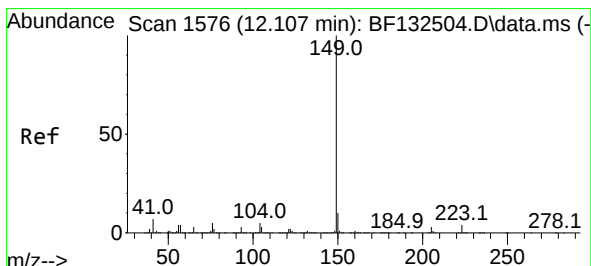
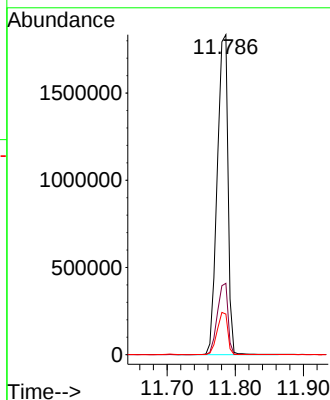
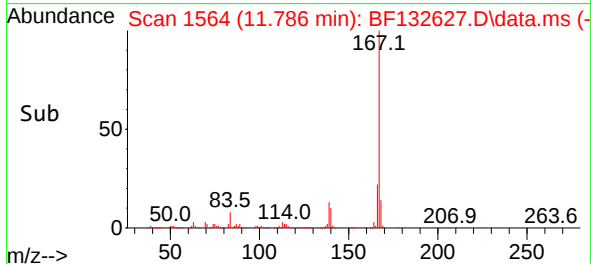
Instrument :
 BNA_F
 ClientSampleId :
 PB151190BS



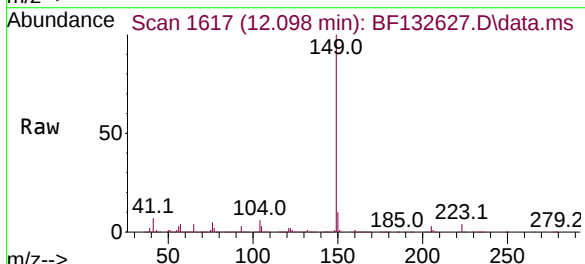
Tgt Ion:167 Resp: 1995224
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 12.7 10.5 15.7

Manual Integrations
 APPROVED

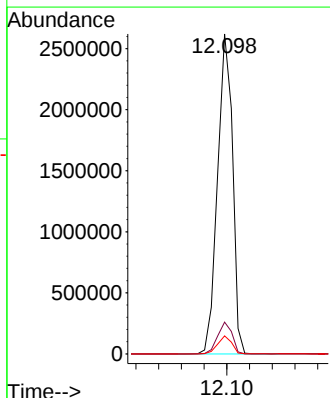
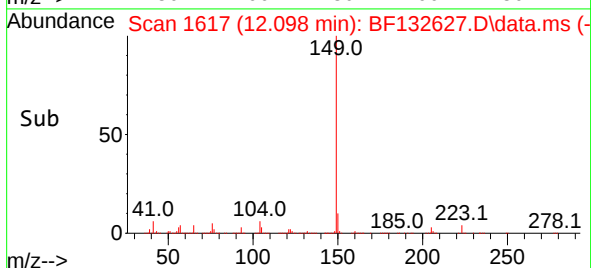
Reviewed By :Christian Giraldo 03/06/2023
 Supervised By :Jagrut Upadhyay 03/06/2023

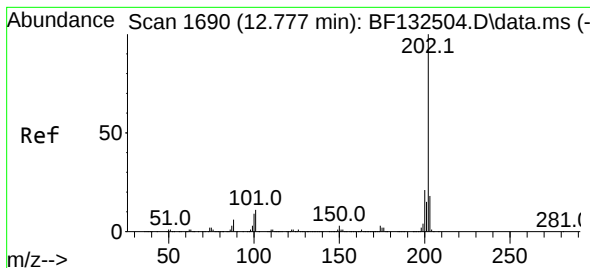


#74
 Di-n-butylphthalate
 Concen: 38.443 ng
 RT: 12.098 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: BF132627.D
 Acq: 03 Mar 2023 14:14



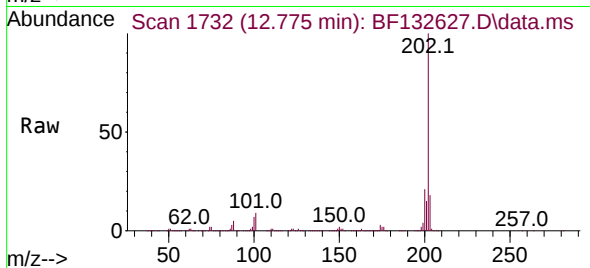
Tgt Ion:149 Resp: 2393485
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 5.6 4.3 6.5





#75
Fluoranthene
Concen: 31.371 ng
RT: 12.775 min Scan# 1732
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

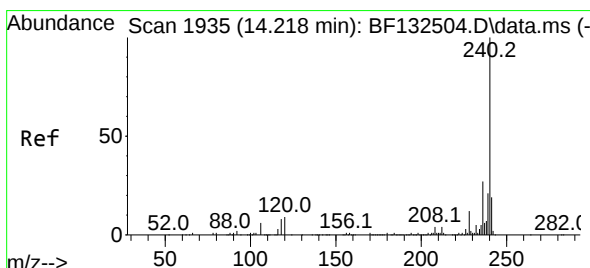
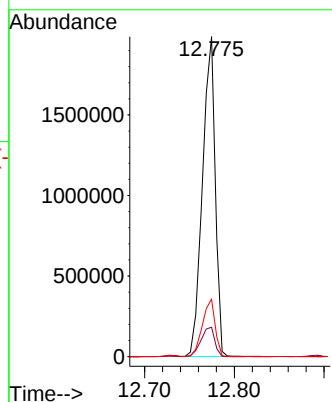
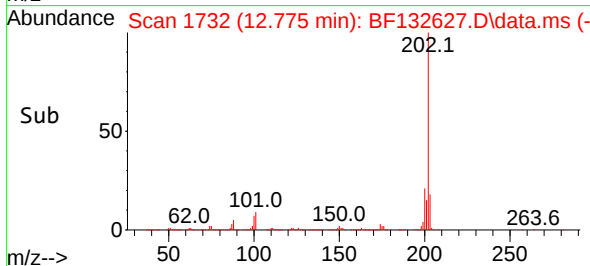
Instrument :
BNA_F
ClientSampleId :
PB151190BS



Tgt Ion:202 Resp: 1960597
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.4
203 17.9 0.0 38.0

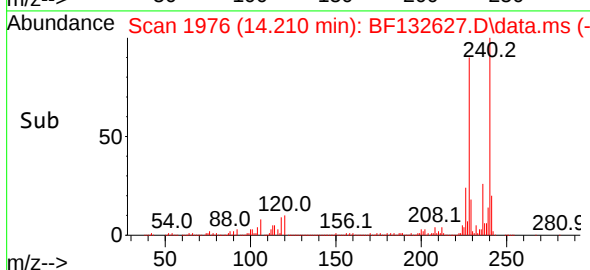
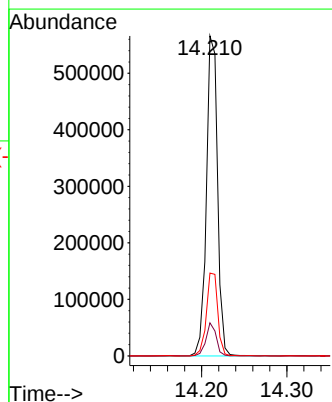
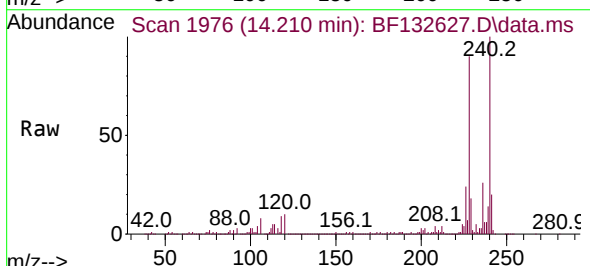
Manual Integrations
APPROVED

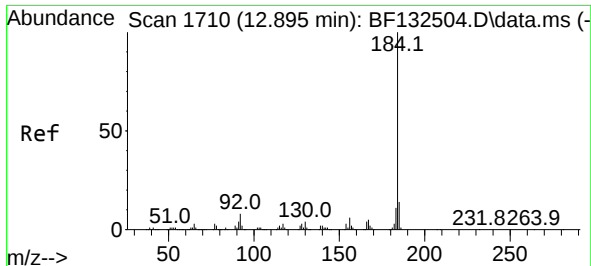
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.210 min Scan# 1976
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

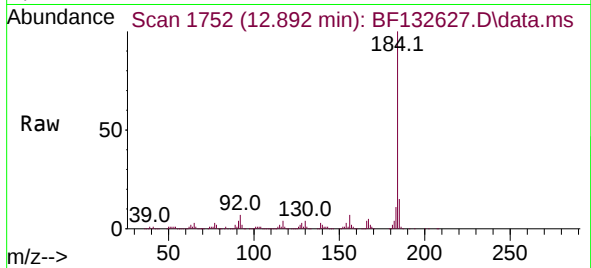
Tgt Ion:240 Resp: 512418
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 25.9 21.8 32.6





#77
Benzidine
Concen: 81.285 ng
RT: 12.892 min Scan# 1752
Delta R.T. 0.009 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

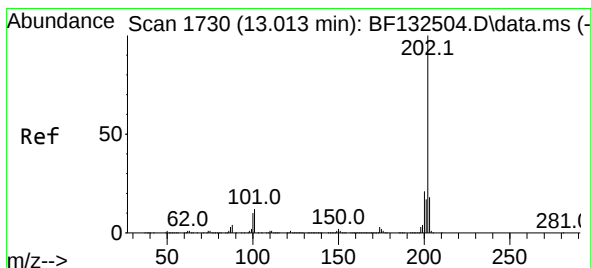
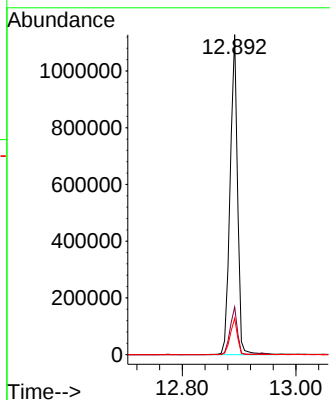
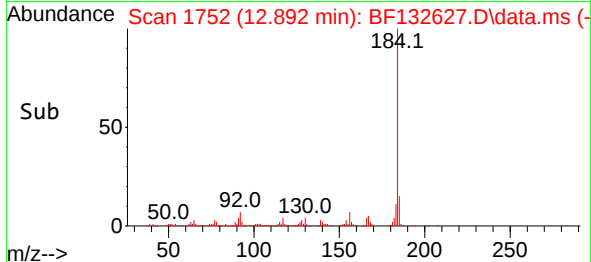
Instrument :
BNA_F
ClientSampleId :
PB151190BS



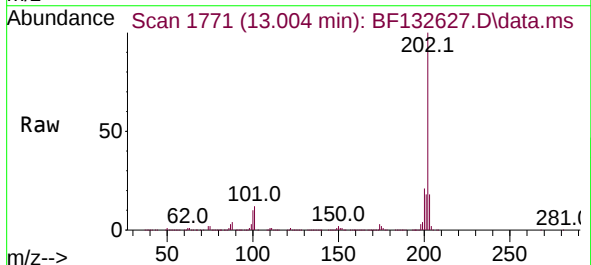
Tgt Ion:184 Resp: 1013921
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 11.3 8.7 13.1

Manual Integrations
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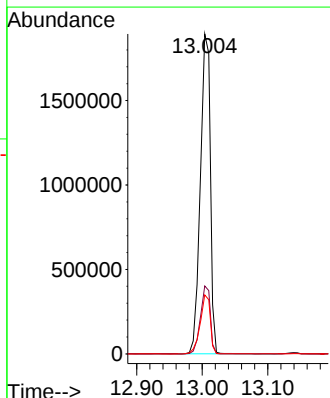
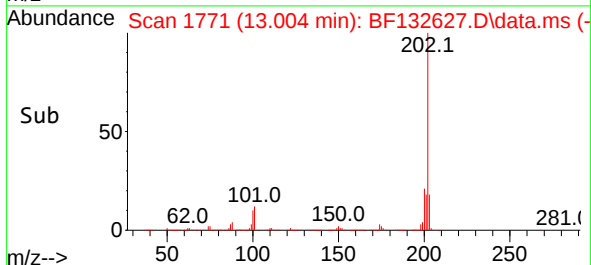
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

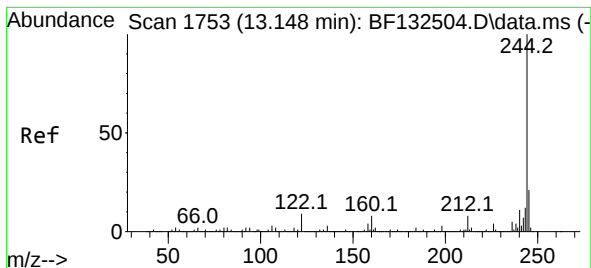


#78
Pyrene
Concen: 42.597 ng
RT: 13.004 min Scan# 1771
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14



Tgt Ion:202 Resp: 1984522
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 18.4 14.6 21.8





#79

Terphenyl-d14

Concen: 72.813 ng

RT: 13.139 min Scan# 11

Delta R.T. -0.003 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB151190BS

Tgt Ion:244 Resp: 2206750

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

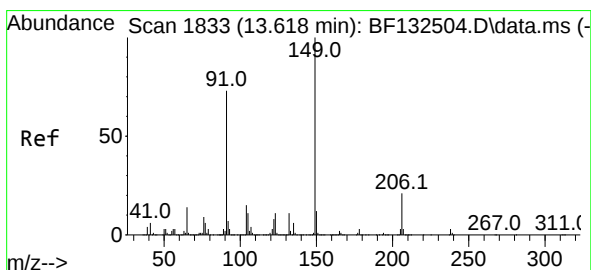
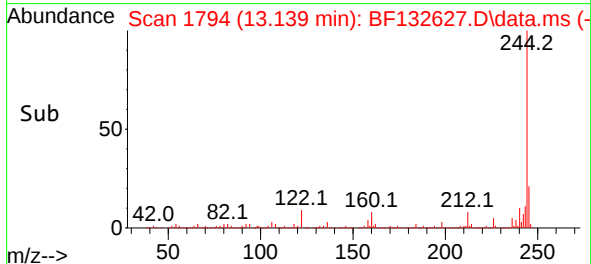
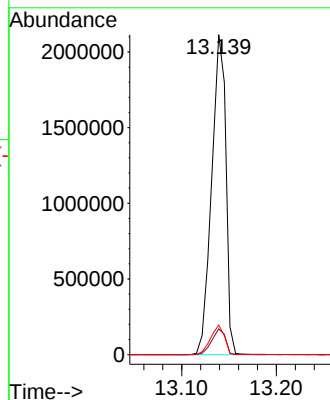
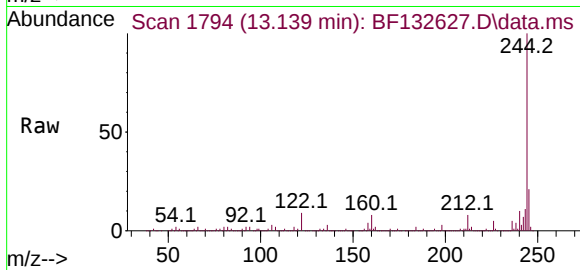
122 9.2 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#80

Butylbenzylphthalate

Concen: 44.361 ng

RT: 13.616 min Scan# 1875

Delta R.T. 0.003 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

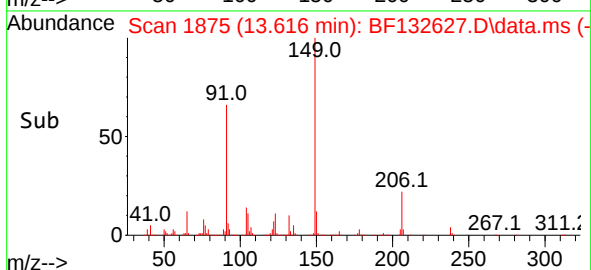
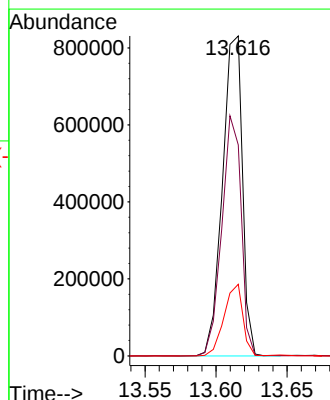
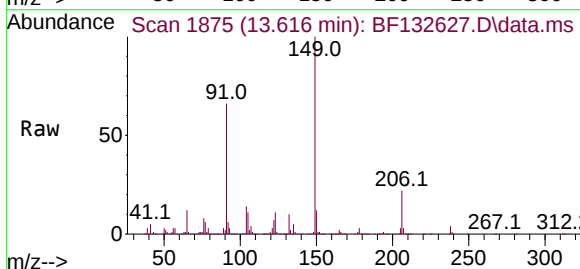
Tgt Ion:149 Resp: 815550

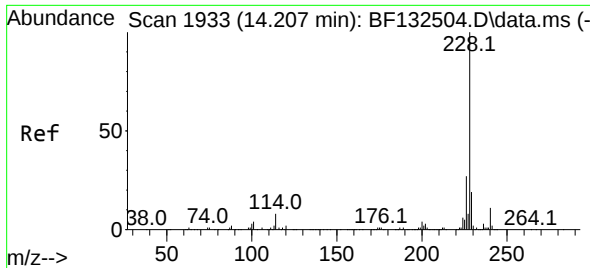
Ion Ratio Lower Upper

149 100

91 65.9 58.4 87.6

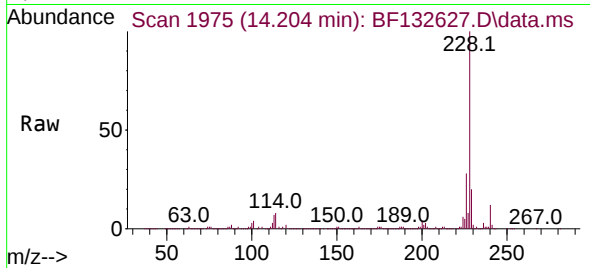
206 22.4 16.8 25.2





#81
Benzo(a)anthracene
Concen: 41.320 ng
RT: 14.204 min Scan# 1933
Delta R.T. 0.009 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14

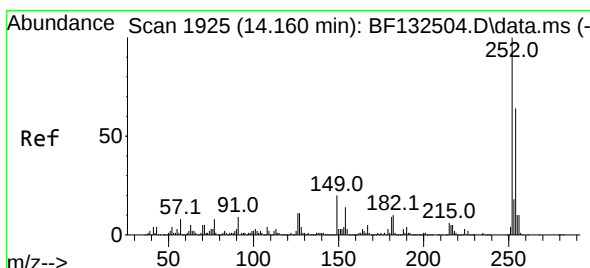
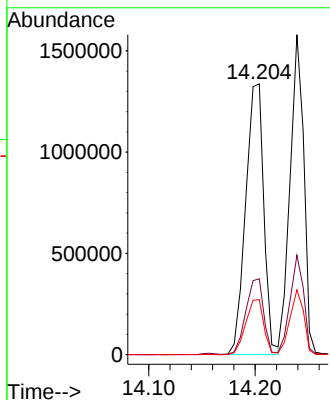
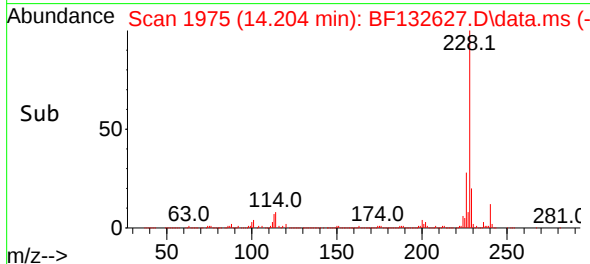
Instrument :
BNA_F
ClientSampleId :
PB151190BS



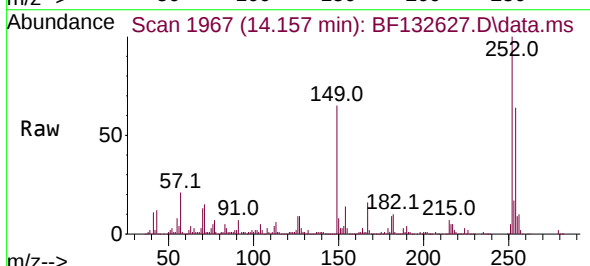
Tgt Ion:228 Resp: 1584237
Ion Ratio Lower Upper
228 100
226 28.0 21.7 32.5
229 20.3 15.4 23.2

Manual Integrations
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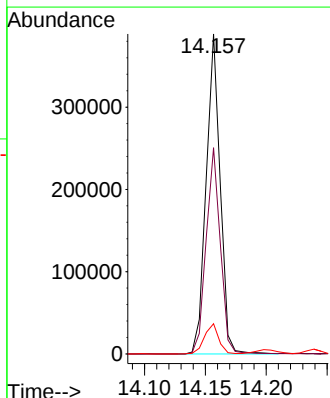
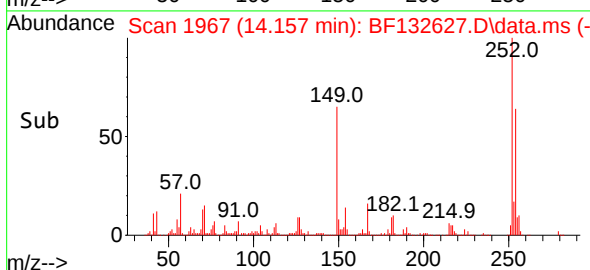
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

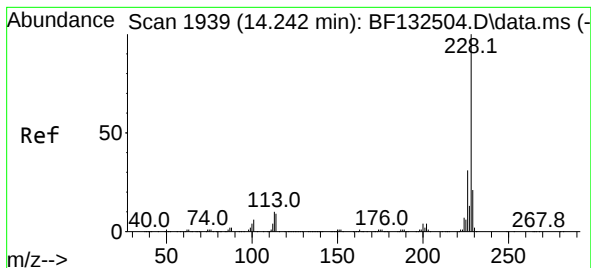


#82
3,3'-Dichlorobenzidine
Concen: 27.552 ng
RT: 14.157 min Scan# 1967
Delta R.T. 0.003 min
Lab File: BF132627.D
Acq: 03 Mar 2023 14:14



Tgt Ion:252 Resp: 311438
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.2
126 9.4 8.9 13.3





#83

Chrysene

Concen: 39.756 ng

RT: 14.239 min Scan# 1939

Delta R.T. 0.003 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB151190BS

Tgt Ion:228 Resp: 1425376

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

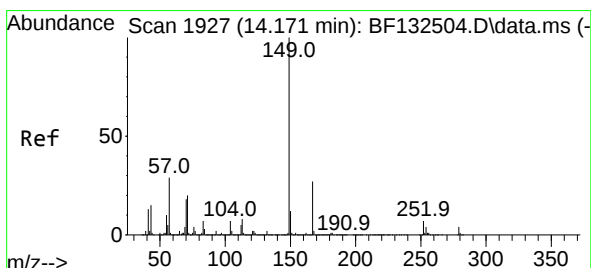
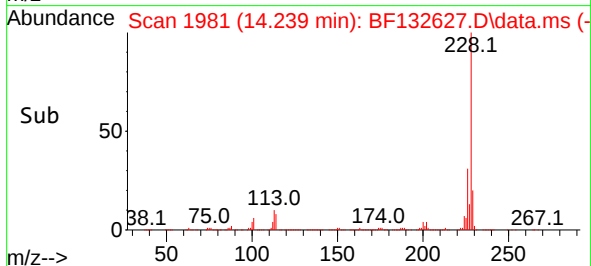
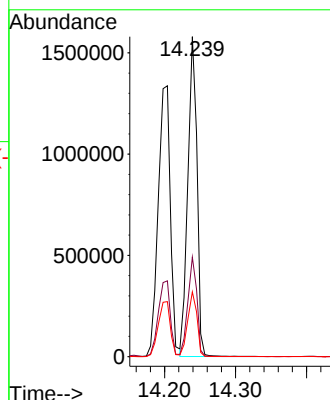
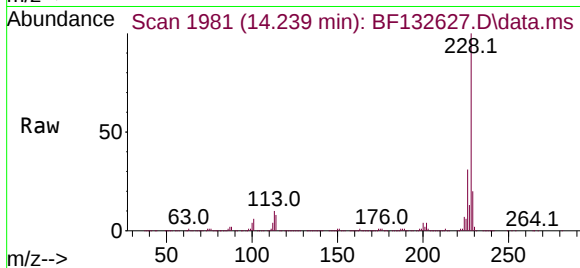
229 20.2 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.061 ng

RT: 14.169 min Scan# 1969

Delta R.T. 0.003 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

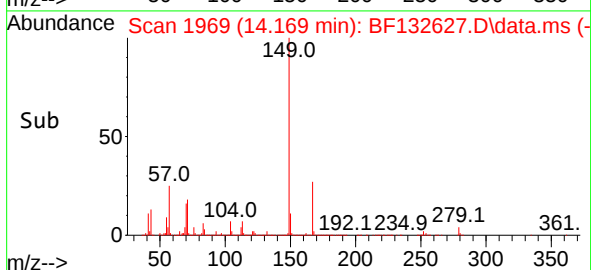
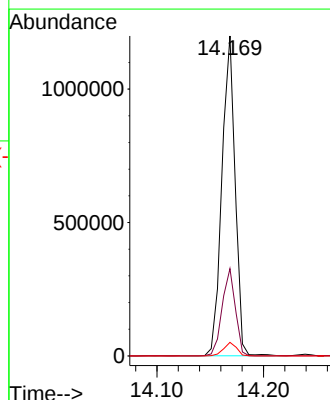
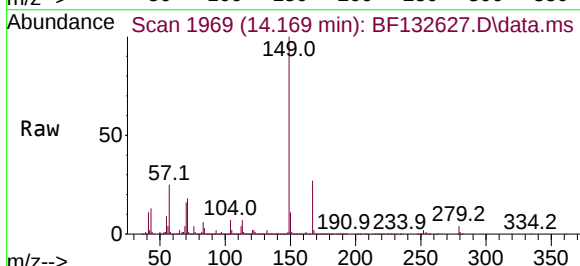
Tgt Ion:149 Resp: 1040254

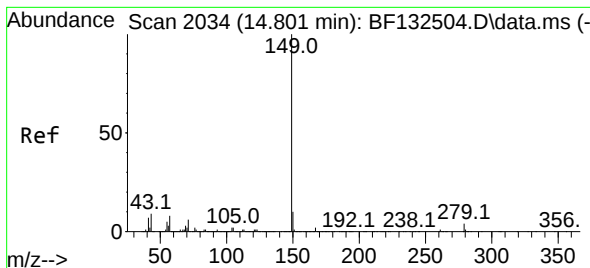
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.6

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 44.025 ng

RT: 14.792 min Scan# 20

Delta R.T. 0.003 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB151190BS

Tgt Ion:149 Resp: 1452958

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

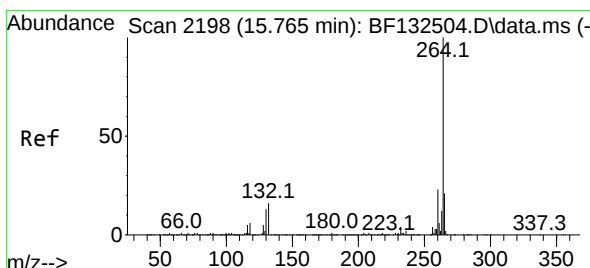
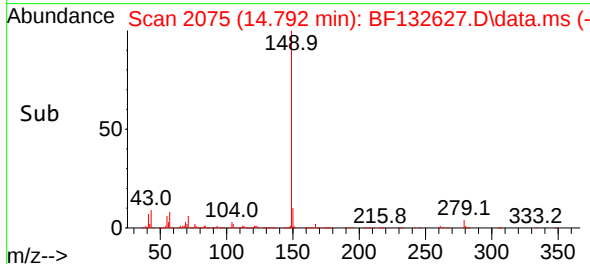
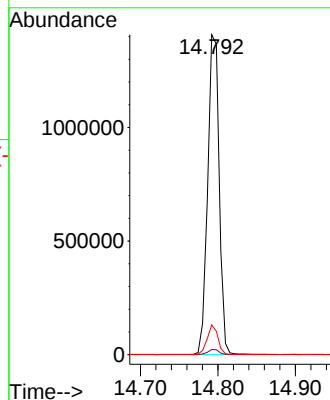
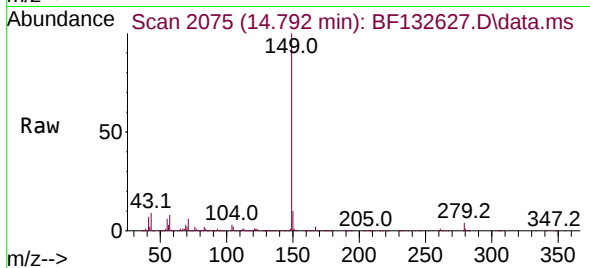
43 8.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.763 min Scan# 2240

Delta R.T. 0.009 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

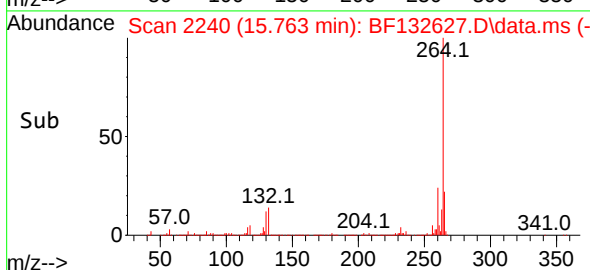
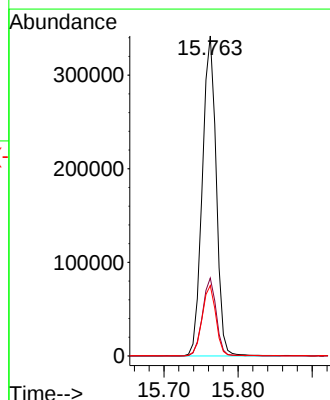
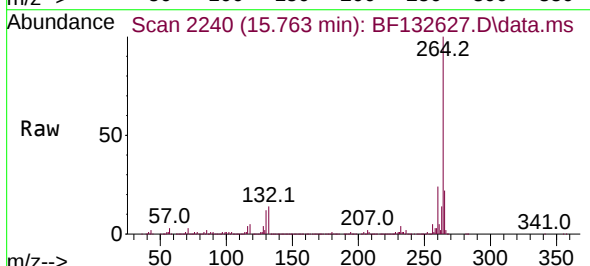
Tgt Ion:264 Resp: 445213

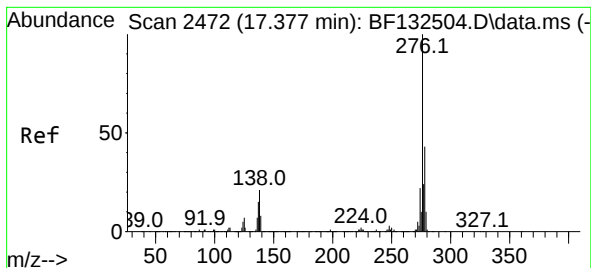
Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 22.0 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.246 ng

RT: 17.374 min Scan# 2161

Delta R.T. 0.015 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB151190BS

Tgt Ion:276 Resp: 1407462

Ion Ratio Lower Upper

276 100

138 20.6 19.0 28.4

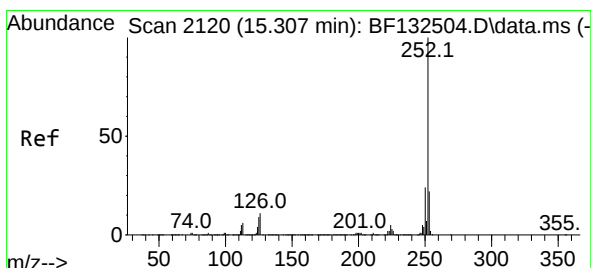
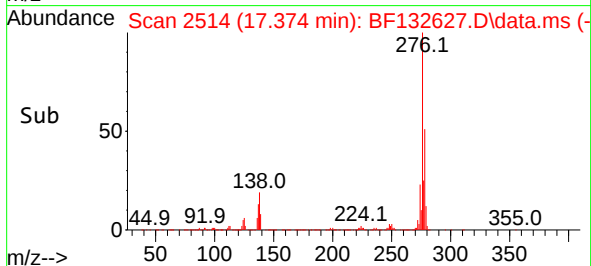
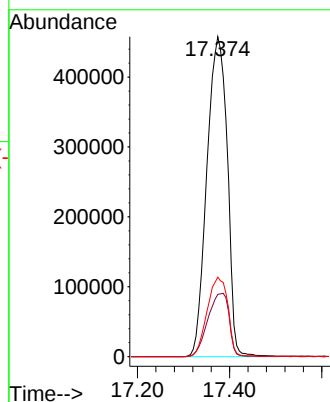
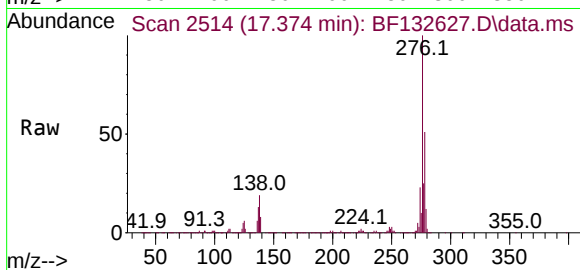
277 25.2 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#88

Benzo(b)fluoranthene

Concen: 42.612 ng

RT: 15.298 min Scan# 2161

Delta R.T. 0.003 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

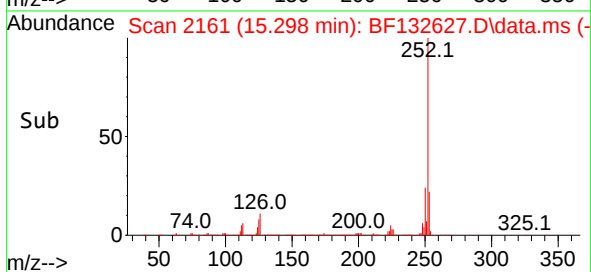
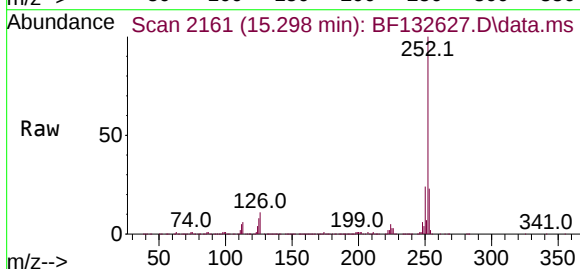
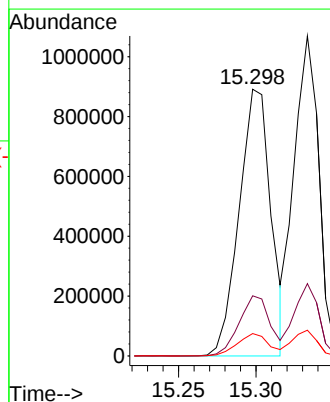
Tgt Ion:252 Resp: 1271380

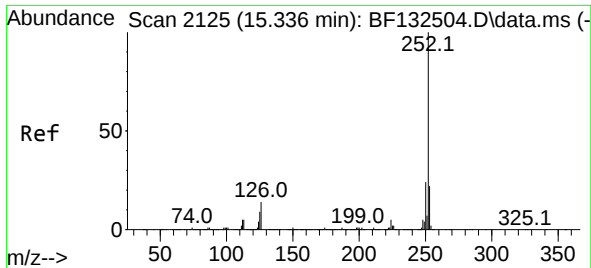
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 8.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 40.750 ng

RT: 15.333 min Scan# 2125

Delta R.T. 0.009 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB151190BS

Tgt Ion:252 Resp: 1189908

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

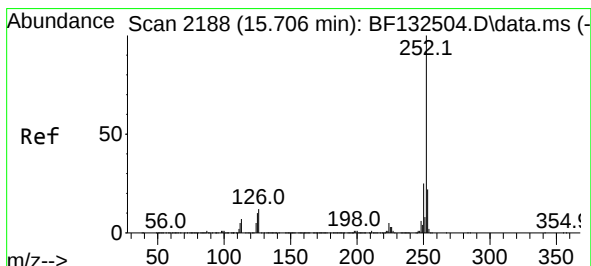
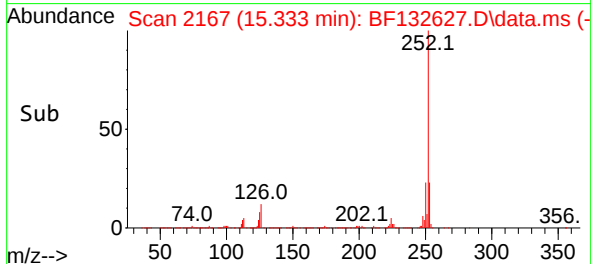
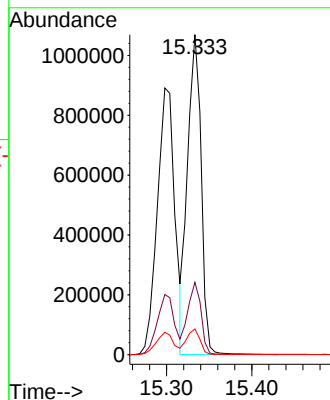
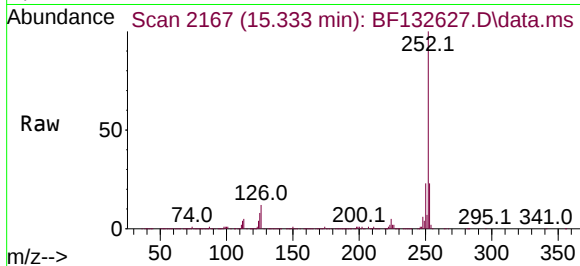
125 8.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#90

Benzo(a)pyrene

Concen: 39.052 ng

RT: 15.698 min Scan# 2229

Delta R.T. 0.009 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

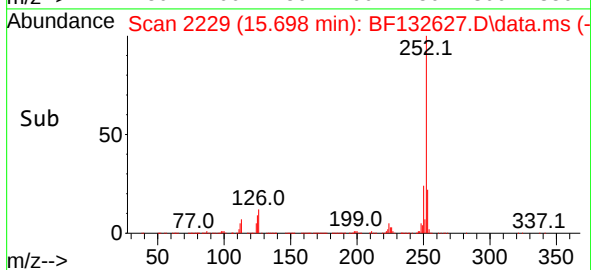
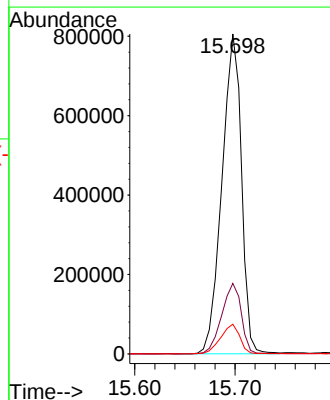
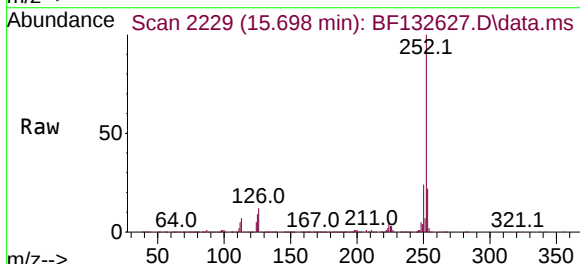
Tgt Ion:252 Resp: 1090485

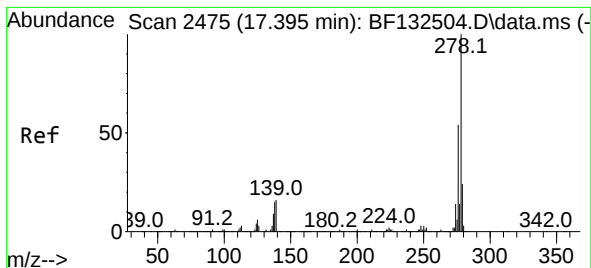
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.3 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 47.933 ng

RT: 17.392 min Scan# 21

Delta R.T. 0.015 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

Instrument :

BNA_F

ClientSampleId :

PB151190BS

Tgt Ion:278 Resp: 1139306

Ion Ratio Lower Upper

278 100

139 13.4 13.0 19.4

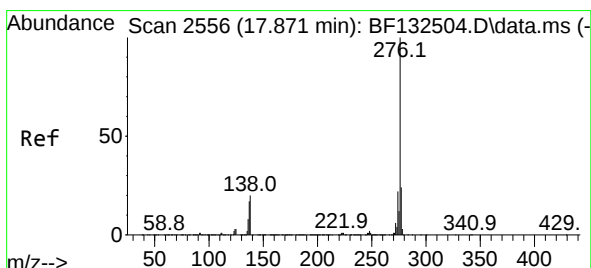
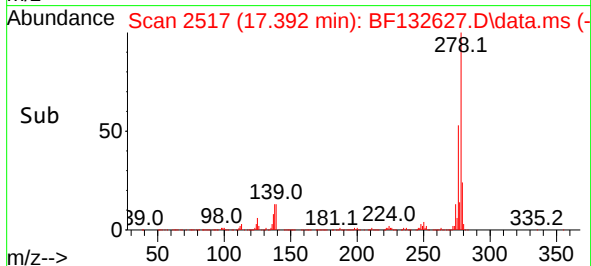
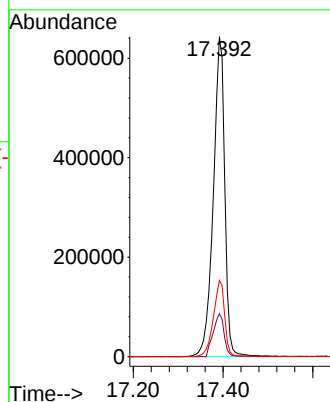
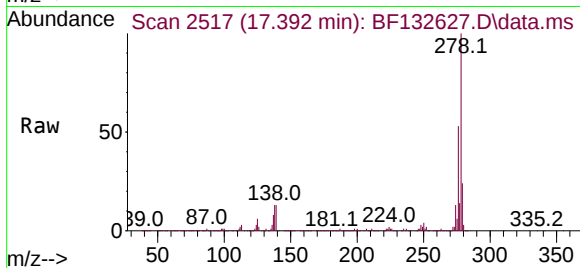
279 23.9 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#92

Benzo(g,h,i)perylene

Concen: 44.176 ng

RT: 17.868 min Scan# 2598

Delta R.T. 0.015 min

Lab File: BF132627.D

Acq: 03 Mar 2023 14:14

Tgt Ion:276 Resp: 1183034

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 18.4 16.2 24.4

