

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
 Data File : BF132625.D
 Acq On : 03 Mar 2023 13:10
 Operator : CG\JU
 Sample : PB151155BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151155BS

Manual Integrations
 APPROVED

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

Quant Time: Mar 04 02:15:24 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	291777	20.000	ng	0.00
21) Naphthalene-d8	8.292	136	1086625	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	598234	20.000	ng	0.00
64) Phenanthrene-d10	11.551	188	1144079	20.000	ng	0.00
76) Chrysene-d12	14.210	240	644152	20.000	ng	# 0.00
86) Perylene-d12	15.762	264	580936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1622271	90.237	ng	0.00
7) Phenol-d6	6.640	99	2145357	91.436	ng	0.00
23) Nitrobenzene-d5	7.575	82	1437732	62.774	ng	0.00
42) 2,4,6-Tribromophenol	10.851	330	619596	95.903	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	2279409	58.017	ng	0.00
79) Terphenyl-d14	13.139	244	2639577	69.283	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.969	88	322171	32.397	ng	97
3) Pyridine	3.716	79	809904	30.682	ng	95
4) n-Nitrosodimethylamine	3.693	42	373080	37.417	ng	89
6) Aniline	6.669	93	1218314	38.584	ng	96
8) 2-Chlorophenol	6.792	128	771283	41.336	ng	98
9) Benzaldehyde	6.551	77	474976	37.516	ng	98
10) Phenol	6.651	94	1063713	39.544	ng	96
11) bis(2-Chloroethyl)ether	6.740	93	868813	41.838	ng	96
12) 1,3-Dichlorobenzene	6.945	146	815982	40.752	ng	99
13) 1,4-Dichlorobenzene	7.022	146	814092	40.717	ng	99
14) 1,2-Dichlorobenzene	7.175	146	748999	39.035	ng	99
15) Benzyl Alcohol	7.145	79	766641	42.427	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.275	45	1067457	40.311	ng	99
17) 2-Methylphenol	7.257	107	685816	39.383	ng	98
18) Hexachloroethane	7.516	117	330655	42.331	ng	96
19) n-Nitroso-di-n-propyla...	7.422	70	553758	38.349	ng	93
20) 3+4-Methylphenols	7.410	107	757836	33.685	ng	# 90
22) Acetophenone	7.416	105	1054400	38.482	ng	# 90
24) Nitrobenzene	7.592	77	950889	38.820	ng	99
25) Isophorone	7.828	82	1852643	42.191	ng	100
26) 2-Nitrophenol	7.904	139	464561	42.985	ng	99
27) 2,4-Dimethylphenol	7.939	122	698847	40.971	ng	99
28) bis(2-Chloroethoxy)met...	8.034	93	1048603	40.822	ng	100
29) 2,4-Dichlorophenol	8.151	162	691637	40.762	ng	99
30) 1,2,4-Trichlorobenzene	8.228	180	773427	41.978	ng	100
31) Naphthalene	8.316	128	2110669	37.942	ng	99
32) Benzoic acid	8.086	122	584095	43.818	ng	95
33) 4-Chloroaniline	8.357	127	531505m	22.297	ng	
34) Hexachlorobutadiene	8.422	225	485374	41.457	ng	100
35) Caprolactam	8.751	113	240230m	42.945	ng	
36) 4-Chloro-3-methylphenol	8.839	107	773897	41.531	ng	97
37) 2-Methylnaphthalene	9.004	142	1458010	38.460	ng	100
38) 1-Methylnaphthalene	9.104	142	1350723	38.125	ng	100
40) 1,2,4,5-Tetrachloroben...	9.175	216	780554	39.880	ng	99
41) Hexachlorocyclopentadiene	9.157	237	953541	89.820	ng	99
43) 2,4,6-Trichlorophenol	9.286	196	545118	41.096	ng	100

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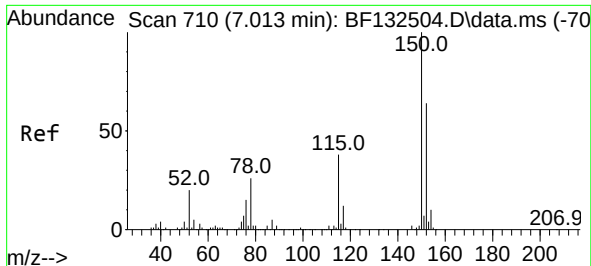
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.328	196	581481	37.560	ng	96
46) 1,1'-Biphenyl	9.469	154	1768771	39.063	ng	99
47) 2-Chloronaphthalene	9.498	162	1437692	40.048	ng	100
48) 2-Nitroaniline	9.592	65	499147	37.752	ng	95
49) Acenaphthylene	9.916	152	2164448	37.883	ng	99
50) Dimethylphthalate	9.775	163	1760793	40.423	ng	100
51) 2,6-Dinitrotoluene	9.839	165	404950	40.821	ng	95
52) Acenaphthene	10.092	154	1569411m	43.258	ng	
53) 3-Nitroaniline	10.010	138	320490	28.881	ng	96
54) 2,4-Dinitrophenol	10.122	184	513209	82.048	ng	97
55) Dibenzofuran	10.263	168	1926541	36.425	ng	96
56) 4-Nitrophenol	10.175	139	638306	77.131	ng	97
57) 2,4-Dinitrotoluene	10.245	165	526021	39.858	ng	98
58) Fluorene	10.610	166	1519811	37.567	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.380	232	493623	42.923	ng	99
60) Diethylphthalate	10.475	149	1662150	39.071	ng	99
61) 4-Chlorophenyl-phenyle...	10.592	204	805129	38.363	ng	99
62) 4-Nitroaniline	10.639	138	447113	41.047	ng	93
63) Azobenzene	10.757	77	1687695	37.459	ng	99
65) 4,6-Dinitro-2-methylph...	10.657	198	333247	43.028	ng	96
66) n-Nitrosodiphenylamine	10.716	169	1387619	38.904	ng	99
67) 4-Bromophenyl-phenylether	11.086	248	527422	40.755	ng	98
68) Hexachlorobenzene	11.157	284	584693	42.938	ng	95
69) Atrazine	11.245	200	499538	44.862	ng	98
70) Pentachlorophenol	11.357	266	621341	76.692	ng	98
71) Phenanthrene	11.580	178	2255597	38.057	ng	100
72) Anthracene	11.633	178	2293166	37.572	ng	99
73) Carbazole	11.780	167	2110750	38.358	ng	99
74) Di-n-butylphthalate	12.098	149	2524987	39.118	ng	99
75) Fluoranthene	12.774	202	2403484	37.095	ng	98
77) Benzidine	12.892	184	1326457	84.593	ng	99
78) Pyrene	13.004	202	2474196	42.247	ng	100
80) Butylbenzylphthalate	13.610	149	1002230	43.366	ng	99
81) Benzo(a)anthracene	14.198	228	1920851	39.854	ng	97
82) 3,3'-Dichlorobenzidine	14.157	252	401092	28.227	ng	99
83) Chrysene	14.239	228	1784755	39.600	ng	100
84) Bis(2-ethylhexyl)phtha...	14.168	149	1261068	44.419	ng	99
85) Di-n-octyl phthalate	14.792	149	1868652	45.042	ng	99
87) Indeno(1,2,3-cd)pyrene	17.374	276	1766617	46.410	ng	99
88) Benzo(b)fluoranthene	15.298	252	1658446	42.599	ng	98
89) Benzo(k)fluoranthene	15.333	252	1508132	39.582	ng	99
90) Benzo(a)pyrene	15.698	252	1429840	39.242	ng	98
91) Dibenzo(a,h)anthracene	17.392	278	1414971	45.623	ng	98
92) Benzo(g,h,i)perylene	17.868	276	1176753	34.059	ng	97

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



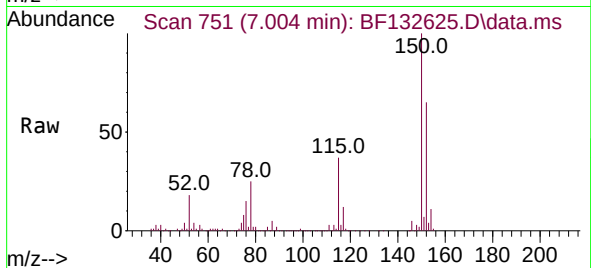
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 71
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

ClientSampleId :

PB151155BS

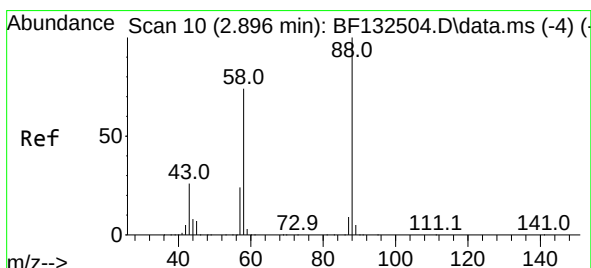
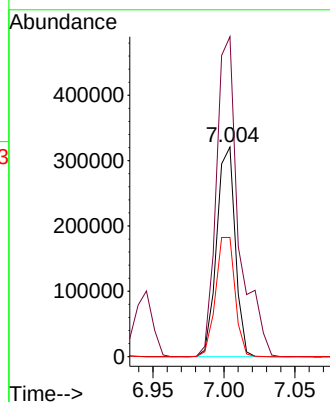
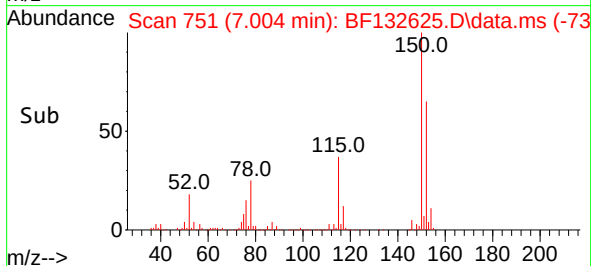


Tgt Ion:152 Resp: 29177
Ion Ratio Lower Upper
152 100
150 152.8 125.4 188.2
115 56.8 47.8 71.6

Manual Integrations

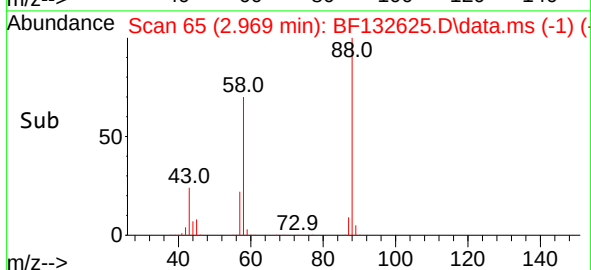
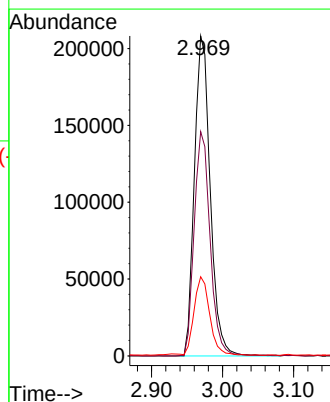
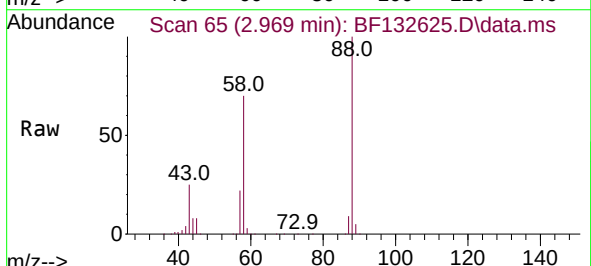
APPROVED

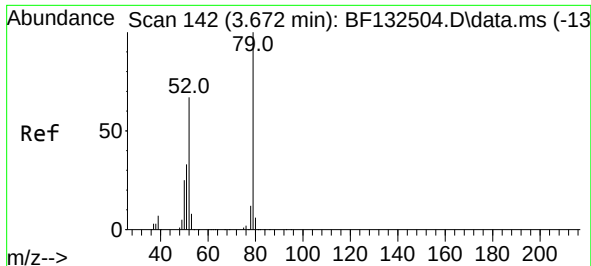
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#2
1,4-Dioxane
Concen: 32.397 ng
RT: 2.969 min Scan# 65
Delta R.T. 0.085 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

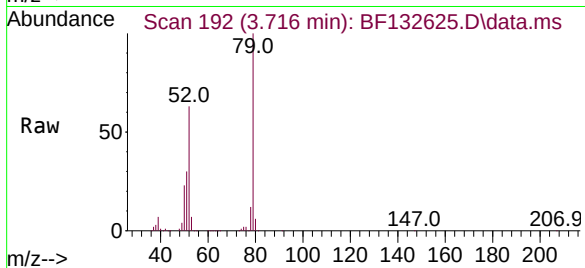
Tgt Ion: 88 Resp: 322171
Ion Ratio Lower Upper
88 100
58 70.3 58.3 87.5
43 24.2 20.7 31.1





#3
Pyridine
Concen: 30.682 ng
RT: 3.716 min Scan# 19
Delta R.T. 0.062 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

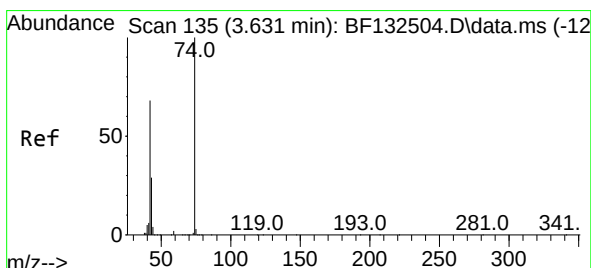
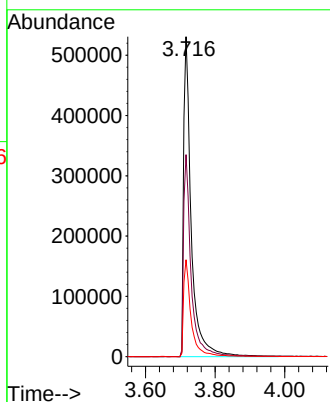
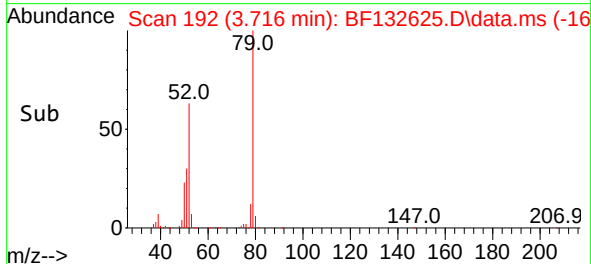
Instrument :
BNA_F
ClientSampleId :
PB151155BS



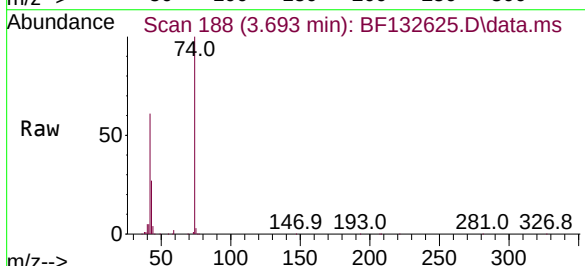
Tgt Ion: 79 Resp: 809904
Ion Ratio Lower Upper
79 100
52 63.2 53.7 80.5
51 30.3 26.6 40.0

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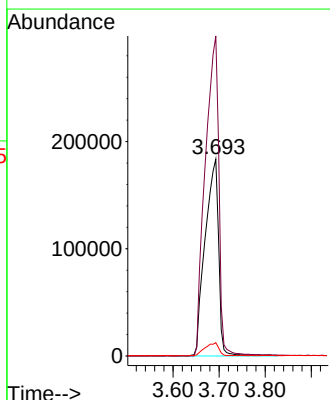
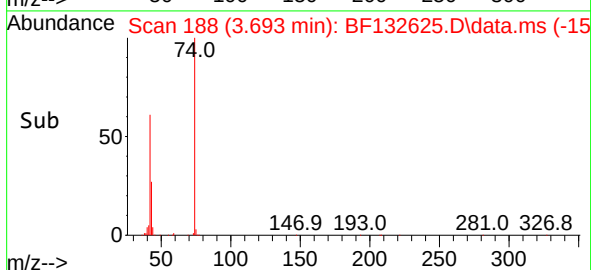
Reviewed By :Christian Giraldo 03/06/2023
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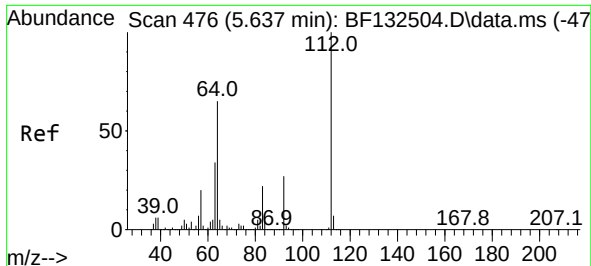


#4
n-Nitrosodimethylamine
Concen: 37.417 ng
RT: 3.693 min Scan# 188
Delta R.T. 0.068 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



Tgt Ion: 42 Resp: 373080
Ion Ratio Lower Upper
42 100
74 162.7 118.2 177.2
44 6.7 5.3 7.9





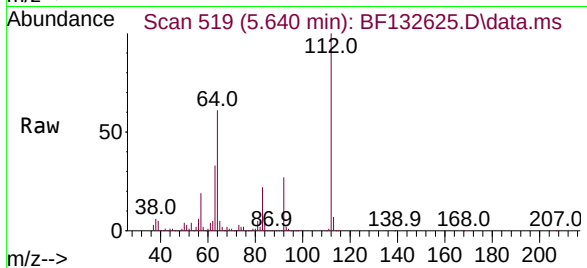
#5
2-Fluorophenol
Concen: 90.237 ng
RT: 5.640 min Scan# 51
Delta R.T. 0.009 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

ClientSampleId :

PB151155BS

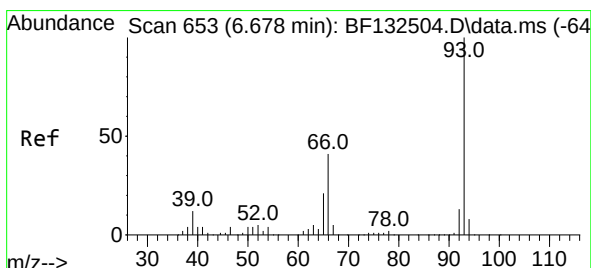
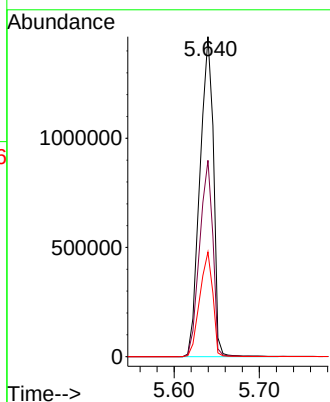
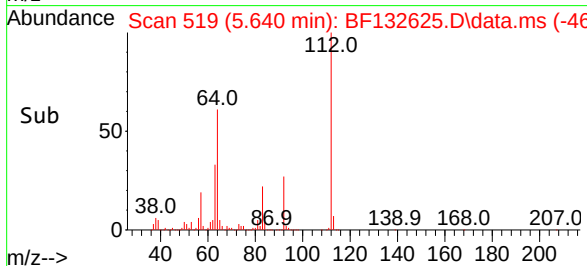


Tgt Ion: 112 Resp: 162227

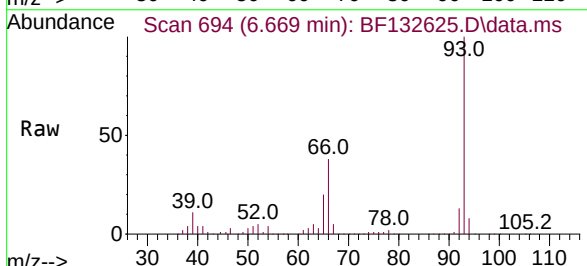
Ion	Ratio	Lower	Upper
112	100		
64	61.3	51.6	77.4
63	32.7	27.4	41.2

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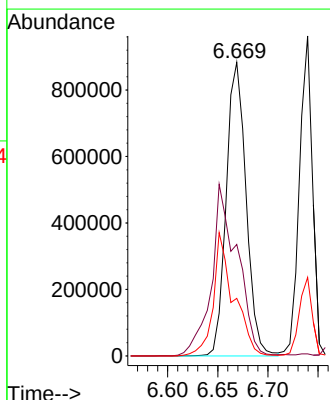
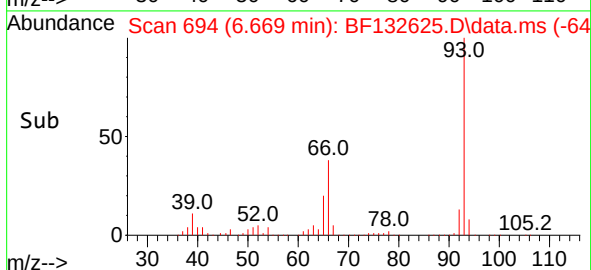


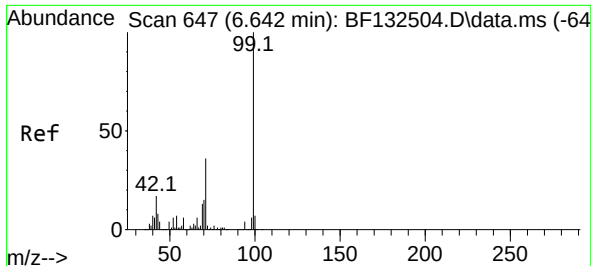
#6
Aniline
Concen: 38.584 ng
RT: 6.669 min Scan# 694
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



Tgt Ion: 93 Resp: 1218314

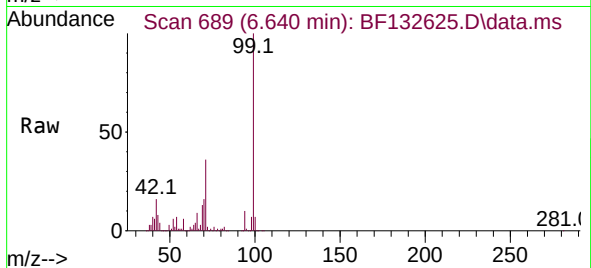
Ion	Ratio	Lower	Upper
93	100		
66	38.0	32.5	48.7
65	19.6	16.6	24.8





#7
Phenol-d6
Concen: 91.436 ng
RT: 6.640 min Scan# 689
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

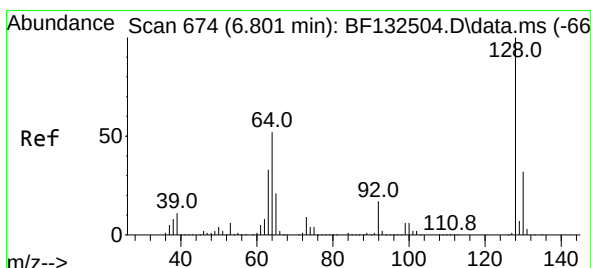
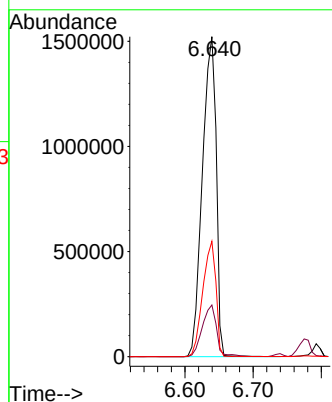
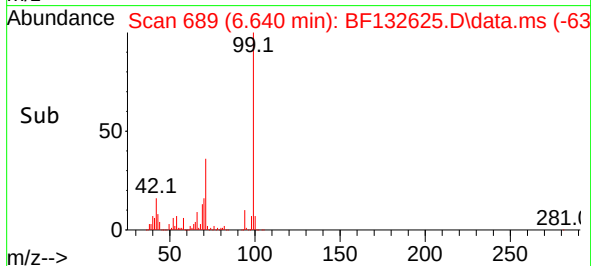
Instrument :
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Tgt Ion: 99 Resp: 214535
Ion Ratio Lower Upper
99 100
42 16.1 13.9 20.9
71 36.0 28.5 42.7

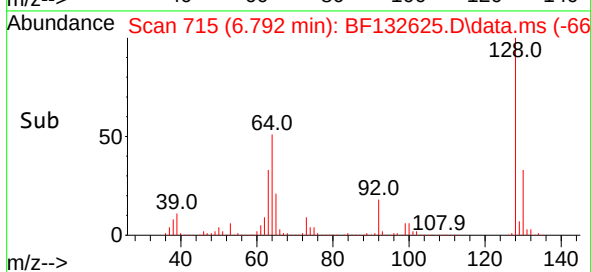
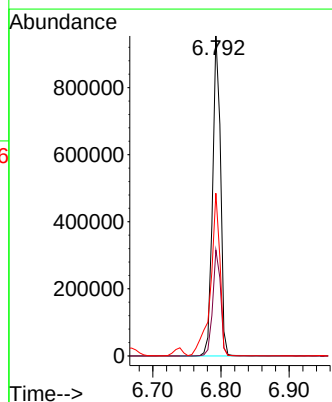
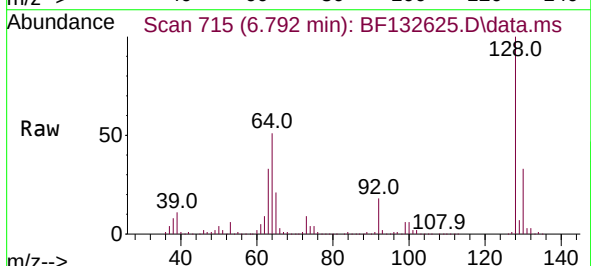
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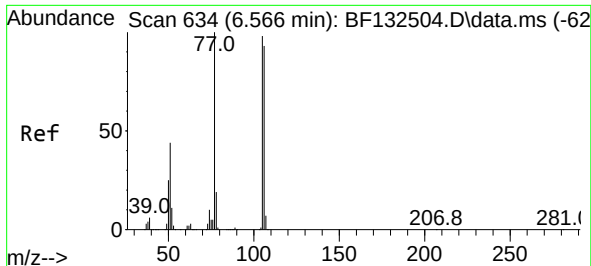
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#8
2-Chlorophenol
Concen: 41.336 ng
RT: 6.792 min Scan# 715
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

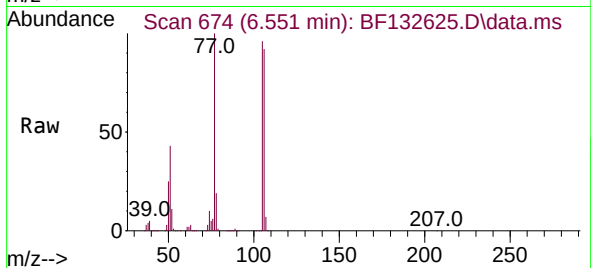
Tgt Ion:128 Resp: 771283
Ion Ratio Lower Upper
128 100
130 33.1 12.1 52.1
64 50.8 32.0 72.0





#9
Benzaldehyde
Concen: 37.516 ng
RT: 6.551 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

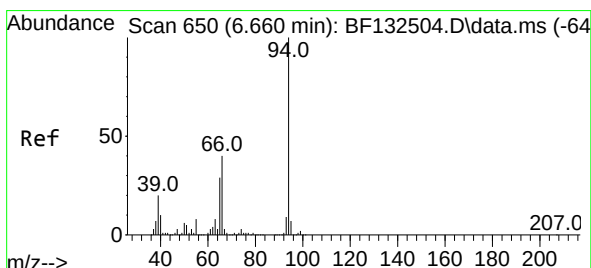
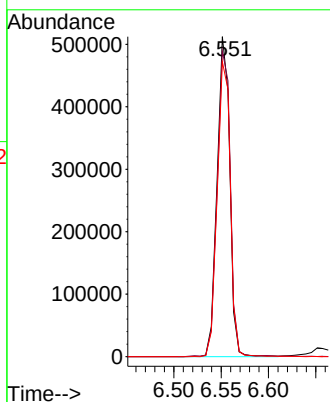
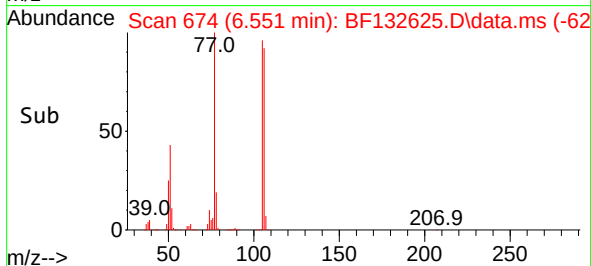
Instrument :
BNA_F
Client Sample Id :
PB151155BS



Tgt Ion: 77 Resp: 474976
Ion Ratio Lower Upper
77 100
105 95.5 77.9 117.9
106 92.1 73.4 113.4

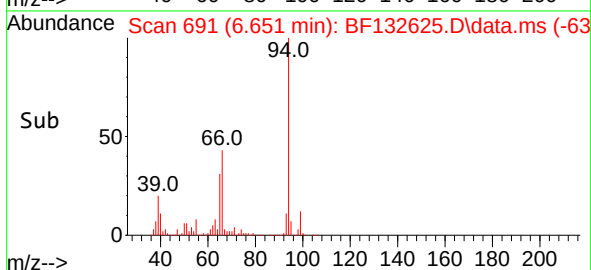
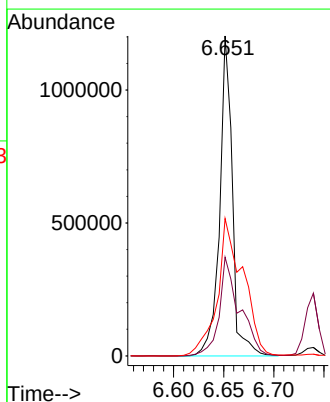
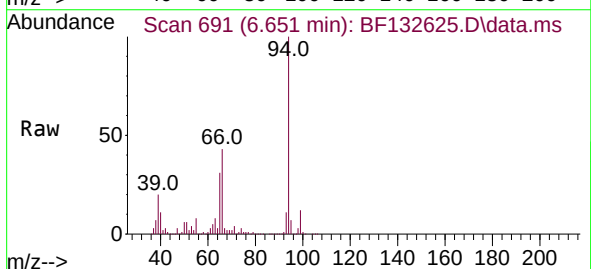
Manual Integrations
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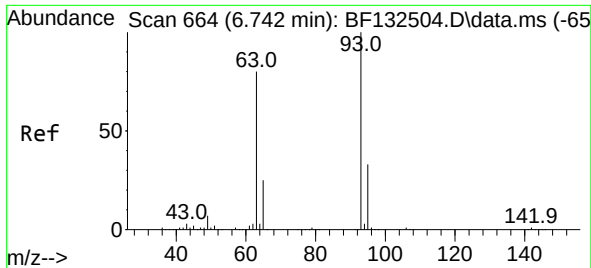
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#10
Phenol
Concen: 39.544 ng
RT: 6.651 min Scan# 691
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Tgt Ion: 94 Resp: 1063713
Ion Ratio Lower Upper
94 100
65 30.8 9.4 49.4
66 42.9 19.8 59.8





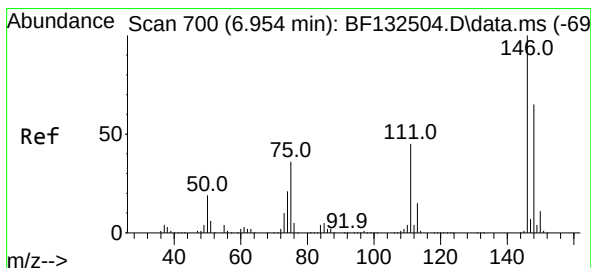
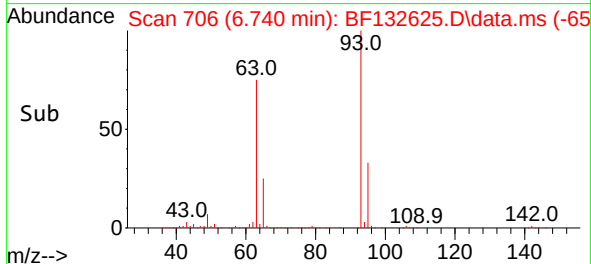
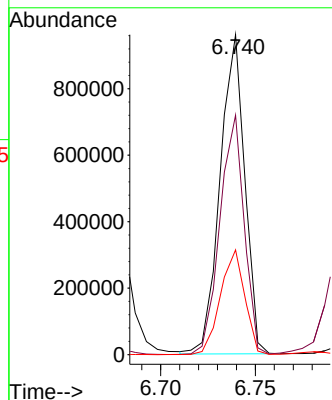
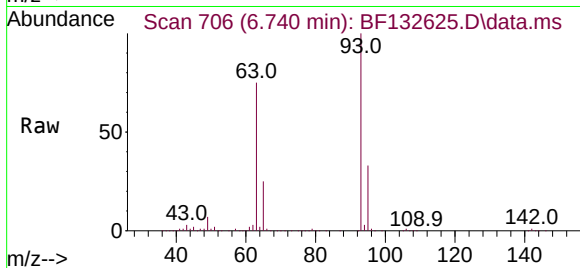
#11
bis(2-Chloroethyl)ether
Concen: 41.838 ng
RT: 6.740 min Scan# 706
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Instrument :
BNA_F
ClientSampleId :
PB151155BS

Tgt Ion: 93 Resp: 868813
Ion Ratio Lower Upper
93 100
63 74.8 59.6 99.6
95 32.7 12.8 52.8

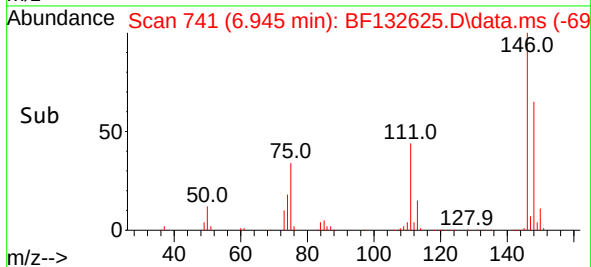
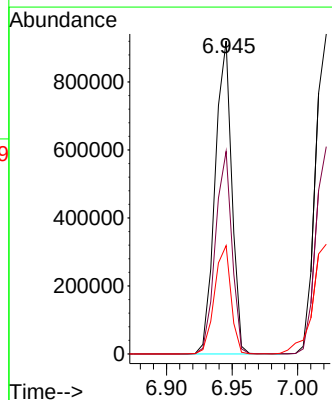
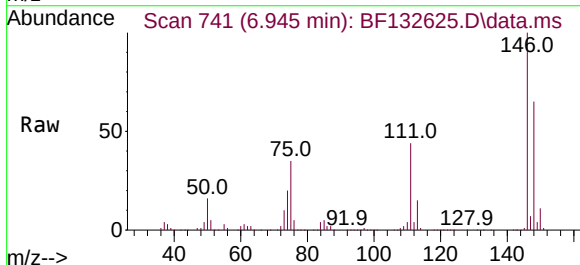
Manual Integrations
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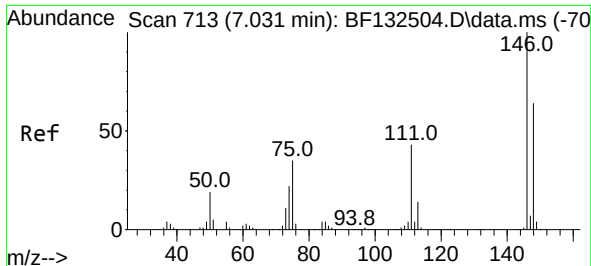
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#12
1,3-Dichlorobenzene
Concen: 40.752 ng
RT: 6.945 min Scan# 741
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Tgt Ion:146 Resp: 815982
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
75 34.6 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 40.717 ng

RT: 7.022 min Scan# 713

Delta R.T. -0.003 min

Lab File: BF132625.D

Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

ClientSampleId :

PB151155BS

Tgt Ion:146 Resp: 814092

Ion Ratio Lower Upper

146 100

148 64.8 51.1 76.7

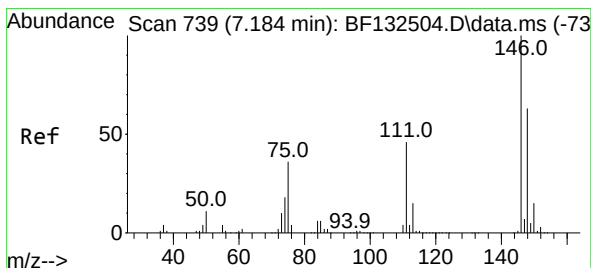
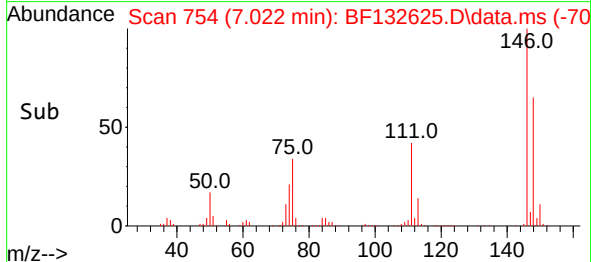
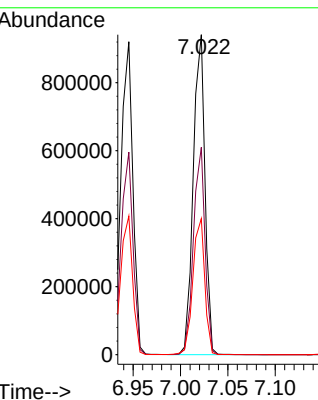
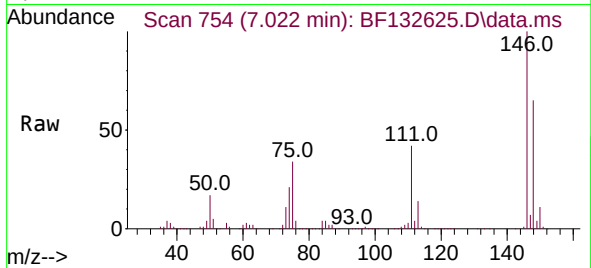
111 42.5 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#14

1,2-Dichlorobenzene

Concen: 39.035 ng

RT: 7.175 min Scan# 780

Delta R.T. -0.003 min

Lab File: BF132625.D

Acq: 03 Mar 2023 13:10

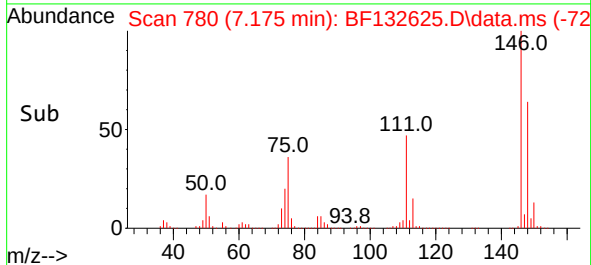
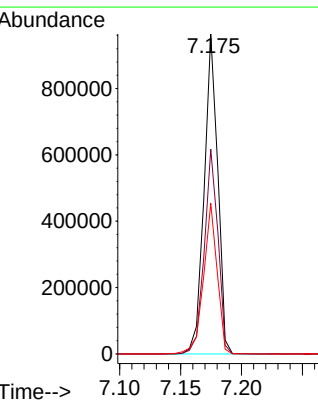
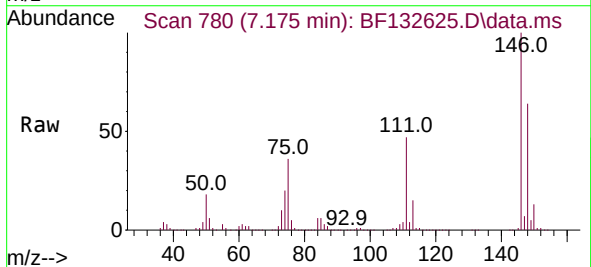
Tgt Ion:146 Resp: 748999

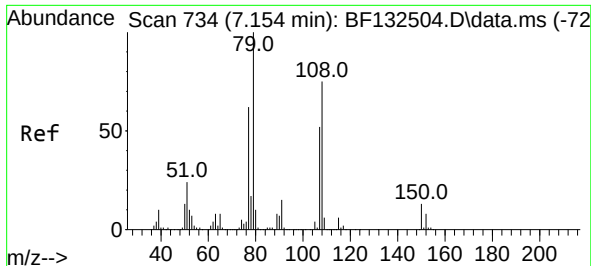
Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

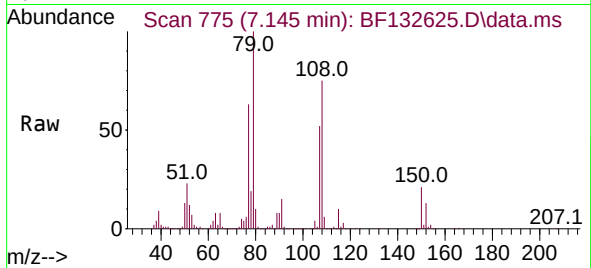
111 47.1 37.2 55.8





#15
Benzyl Alcohol
Concen: 42.427 ng
RT: 7.145 min Scan# 71
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

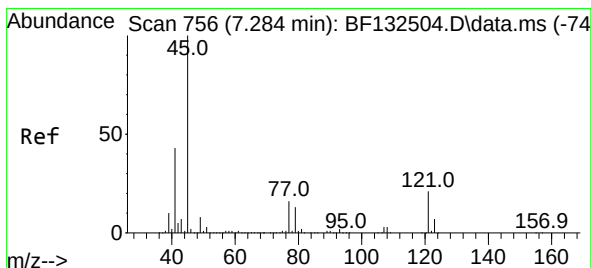
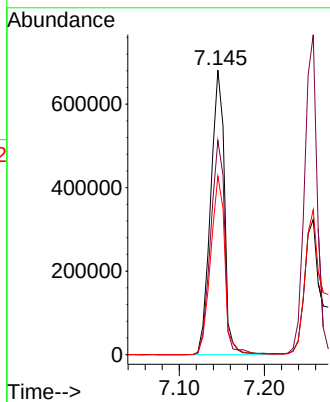
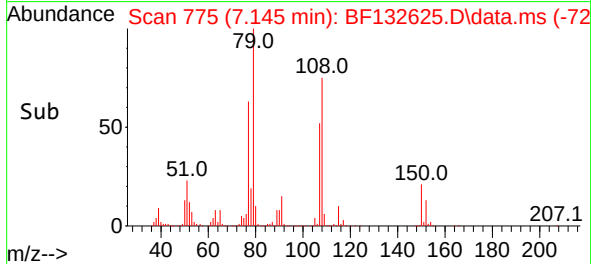
Instrument :
BNA_F
ClientSampleId :
PB151155BS



Tgt Ion: 79 Resp: 76664
Ion Ratio Lower Upper
79 100
108 75.3 60.2 90.4
77 62.7 49.9 74.9

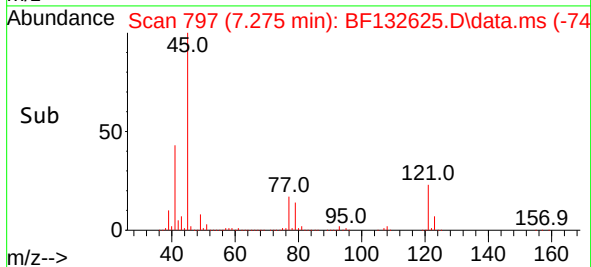
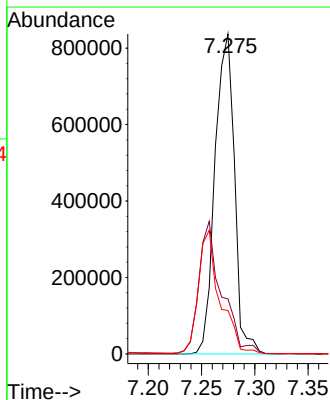
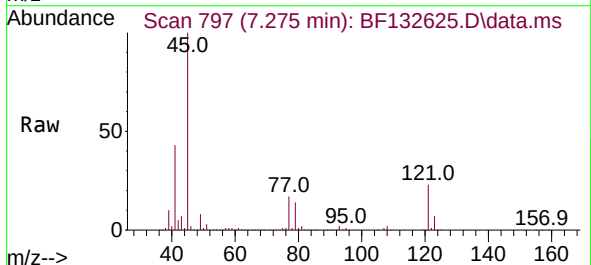
Manual Integrations
APPROVED

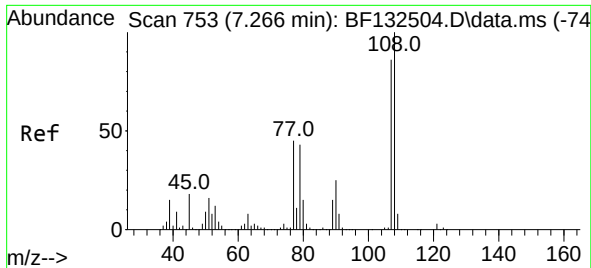
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.311 ng
RT: 7.275 min Scan# 797
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

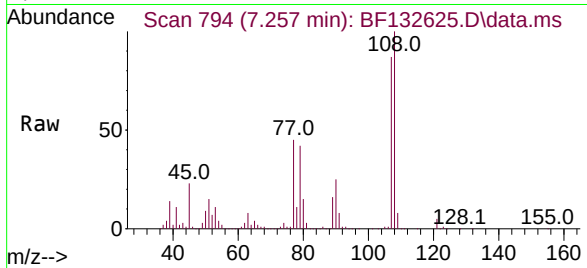
Tgt Ion: 45 Resp: 1067457
Ion Ratio Lower Upper
45 100
77 17.2 0.0 36.4
79 13.6 0.0 33.4





#17
2-Methylphenol
Concen: 39.383 ng
RT: 7.257 min Scan# 794
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

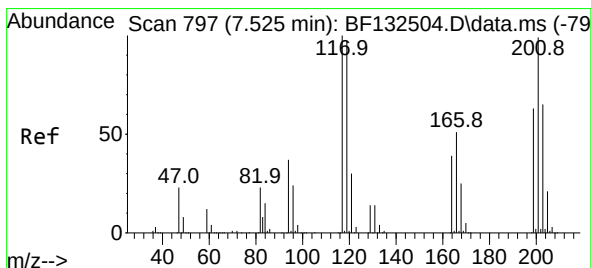
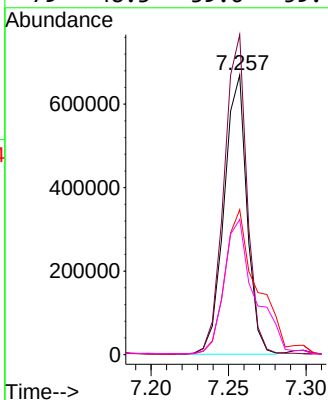
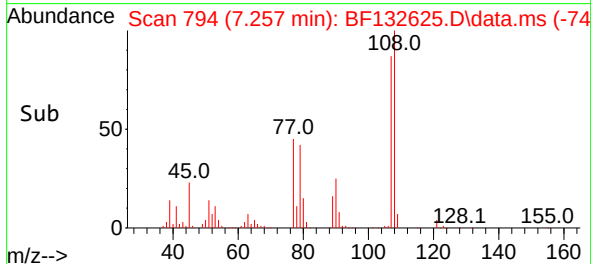
Instrument :
BNA_F
ClientSampleId :
PB151155BS



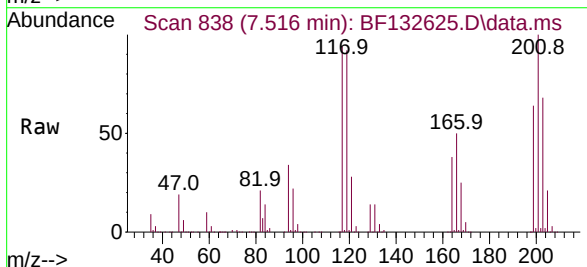
Tgt Ion:107 Resp: 685816
Ion Ratio Lower Upper
107 100
108 114.4 93.0 139.4
77 51.8 42.1 63.1
79 48.3 39.6 59.4

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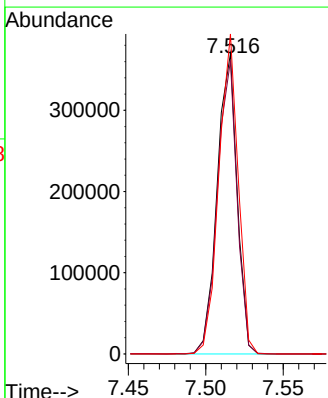
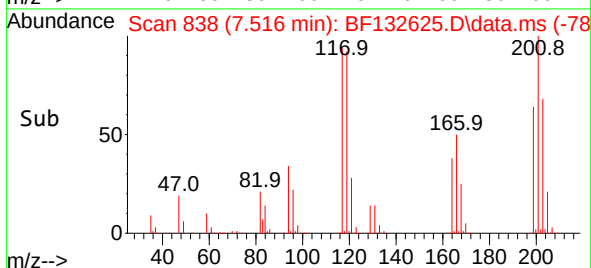
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

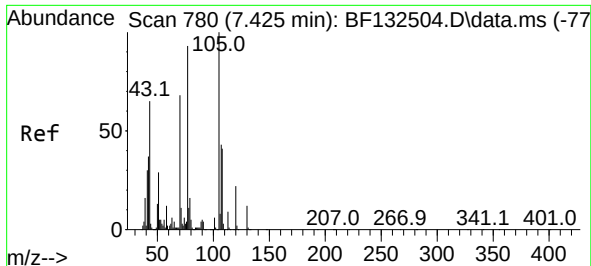


#18
Hexachloroethane
Concen: 42.331 ng
RT: 7.516 min Scan# 838
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



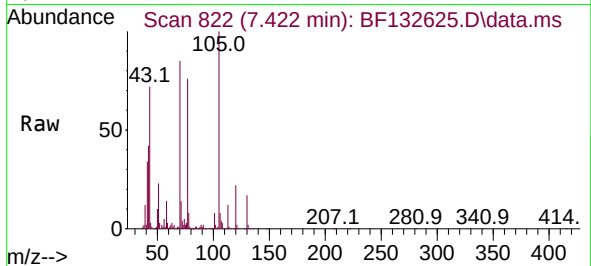
Tgt Ion:117 Resp: 330655
Ion Ratio Lower Upper
117 100
119 97.6 78.0 117.0
201 106.6 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 38.349 ng
RT: 7.422 min Scan# 81
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

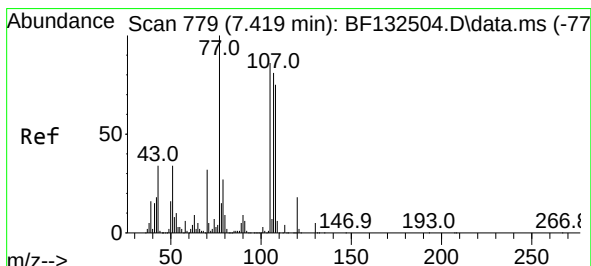
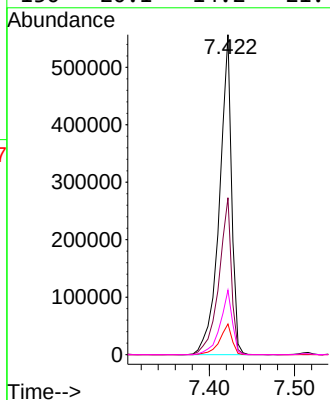
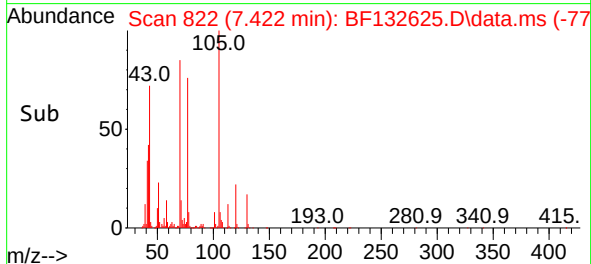
Instrument :
BNA_F
ClientSampleId :
PB151155BS



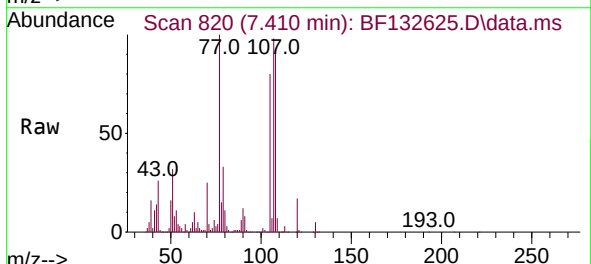
Tgt Ion: 70 Resp: 553758
Ion Ratio Lower Upper
70 100
42 49.0 44.1 66.1
101 9.6 7.4 11.2
130 20.1 14.2 21.4

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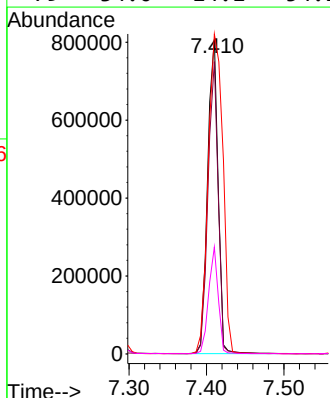
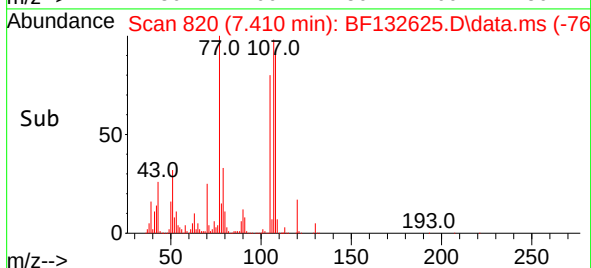
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

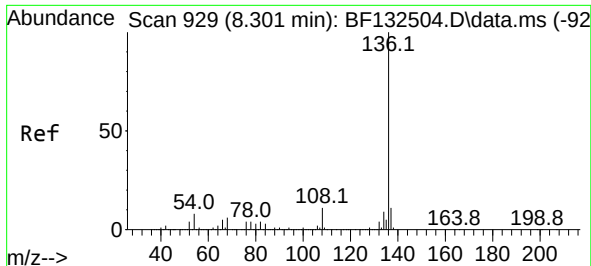


#20
3+4-Methylphenols
Concen: 33.685 ng
RT: 7.410 min Scan# 820
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



Tgt Ion:107 Resp: 757836
Ion Ratio Lower Upper
107 100
108 92.9 72.6 112.6
77 101.7 104.0 144.0#
79 34.0 14.1 54.1





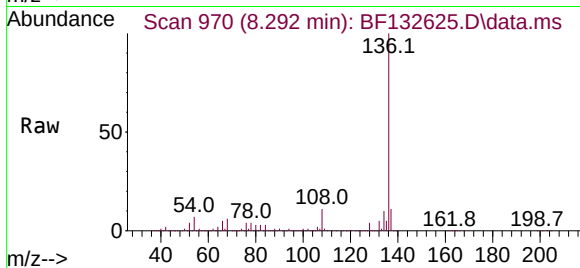
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

ClientSampleId :

PB151155BS

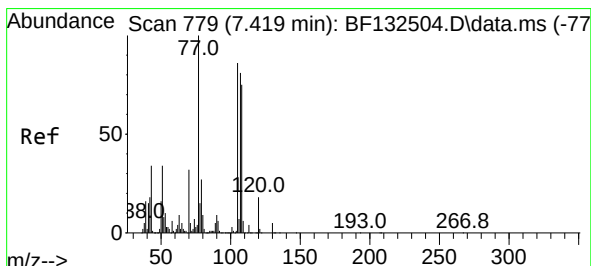
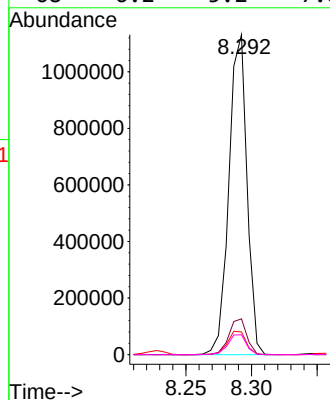
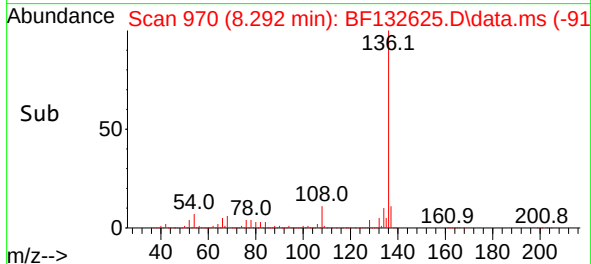


Tgt Ion:136 Resp: 1086625
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.1 6.2 9.4
68 6.2 5.2 7.8

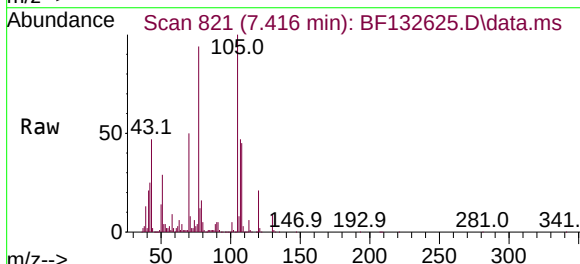
Manual Integrations

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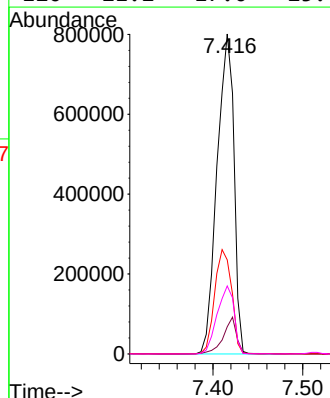
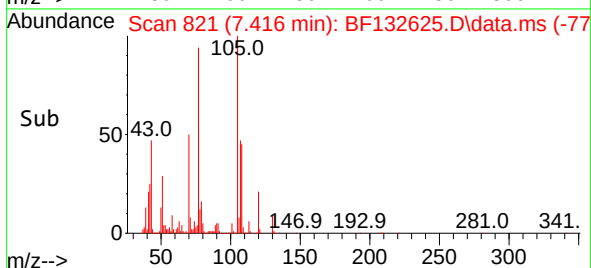
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

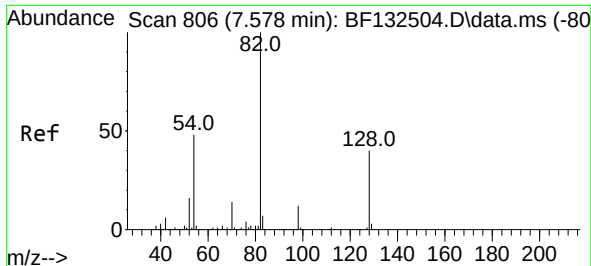


#22
Acetophenone
Concen: 38.482 ng
RT: 7.416 min Scan# 821
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



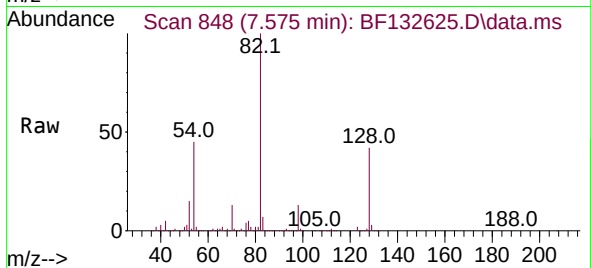
Tgt Ion:105 Resp: 1054400
Ion Ratio Lower Upper
105 100
71 8.5 5.0 7.4#
51 29.4 31.5 47.3#
120 21.2 17.0 25.4





#23
Nitrobenzene-d5
Concen: 62.774 ng
RT: 7.575 min Scan# 841
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

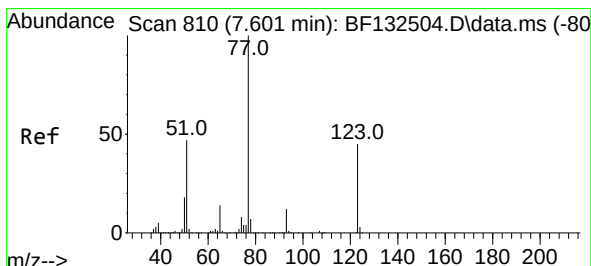
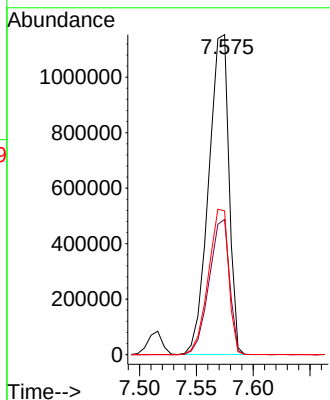
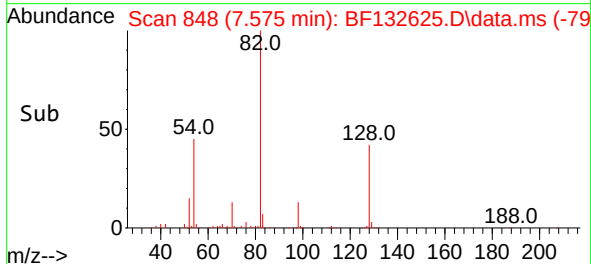
Instrument :
BNA_F
ClientSampleId :
PB151155BS



Tgt Ion: 82 Resp: 1437732
Ion Ratio Lower Upper
82 100
128 42.2 32.2 48.2
54 44.9 38.4 57.6

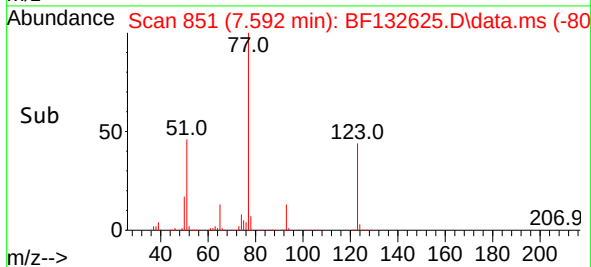
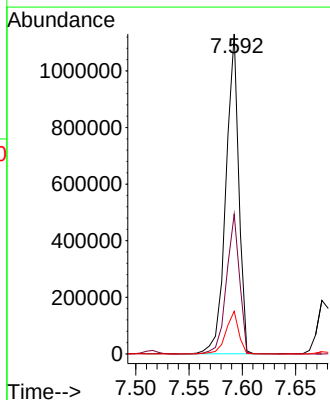
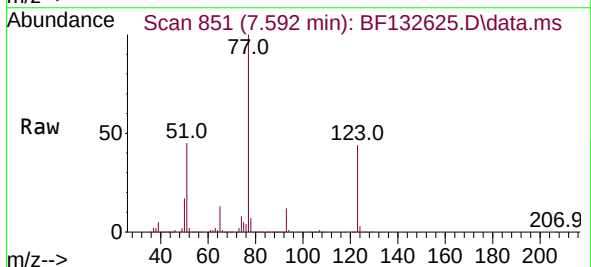
Manual Integrations
APPROVED

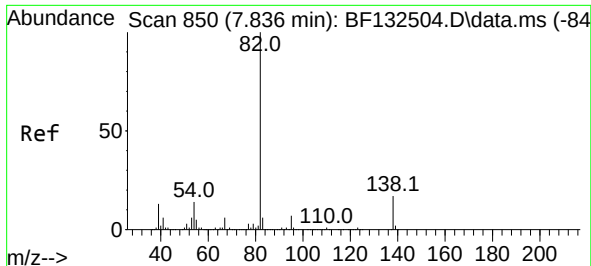
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#24
Nitrobenzene
Concen: 38.820 ng
RT: 7.592 min Scan# 851
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

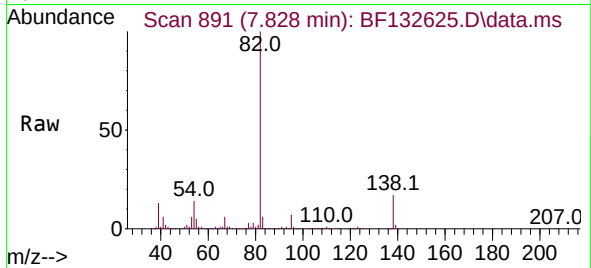
Tgt Ion: 77 Resp: 950889
Ion Ratio Lower Upper
77 100
123 43.7 35.8 53.6
65 13.3 10.9 16.3





#25
Isophorone
Concen: 42.191 ng
RT: 7.828 min Scan# 891
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

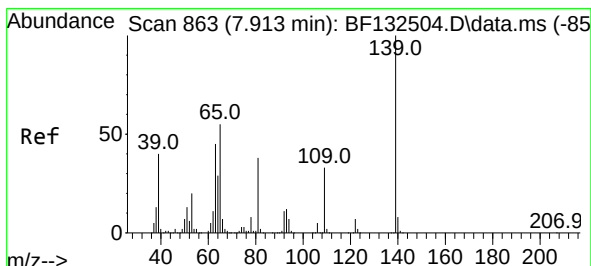
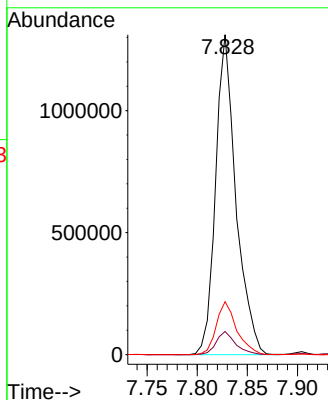
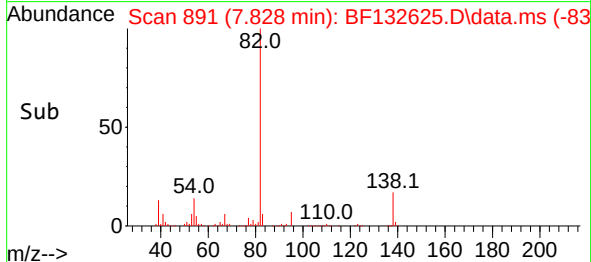
Instrument :
BNA_F
ClientSampleId :
PB151155BS



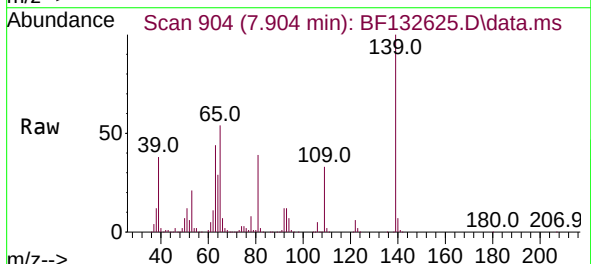
Tgt Ion: 82 Resp: 1852643
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 16.6 13.3 19.9

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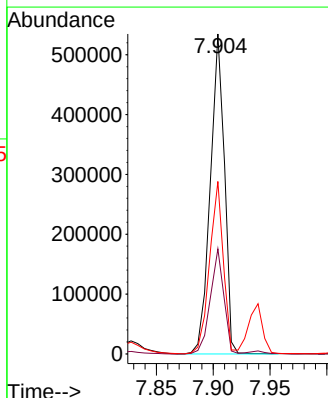
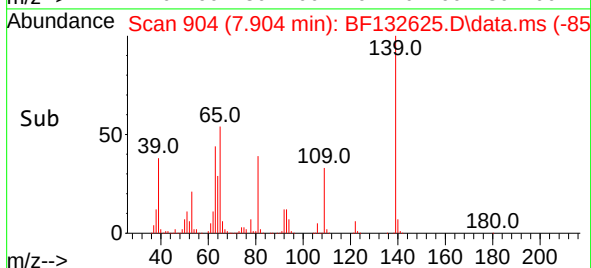
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

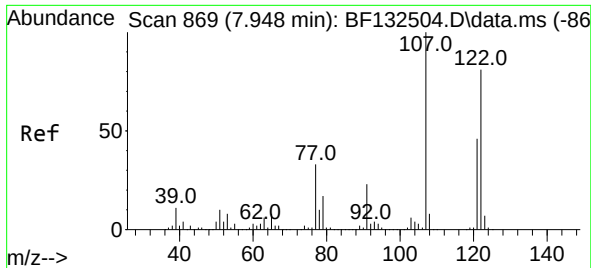


#26
2-Nitrophenol
Concen: 42.985 ng
RT: 7.904 min Scan# 904
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



Tgt Ion:139 Resp: 464561
Ion Ratio Lower Upper
139 100
109 32.8 26.2 39.2
65 53.9 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 40.971 ng
RT: 7.939 min Scan# 910
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

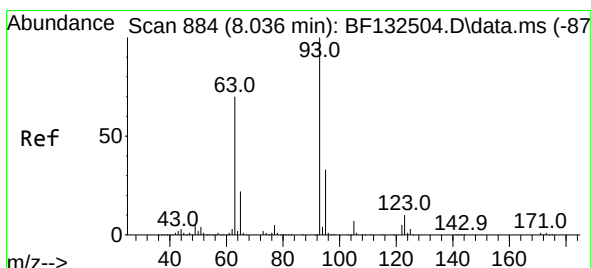
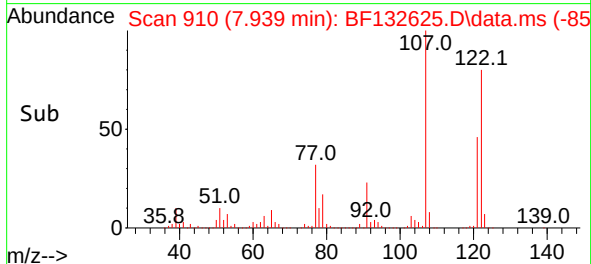
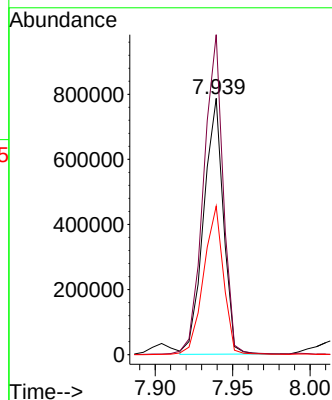
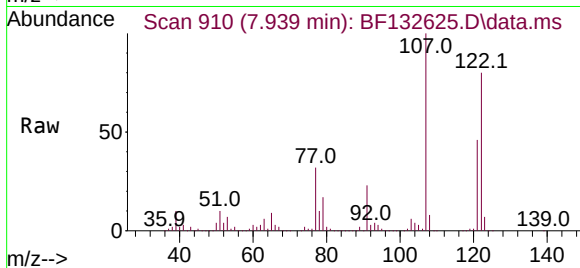
ClientSampleId :

PB151155BS

Tgt Ion:122 Resp: 69884
Ion Ratio Lower Upper
122 100
107 124.9 98.7 148.1
121 57.9 45.8 68.6

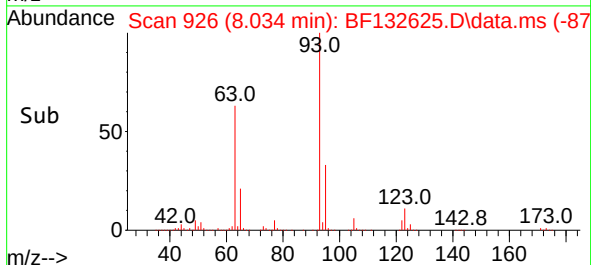
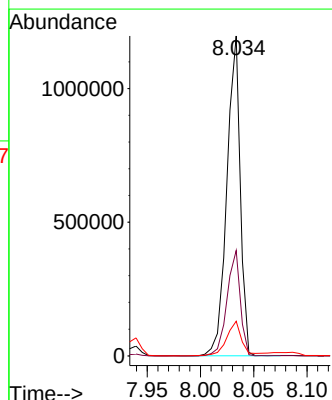
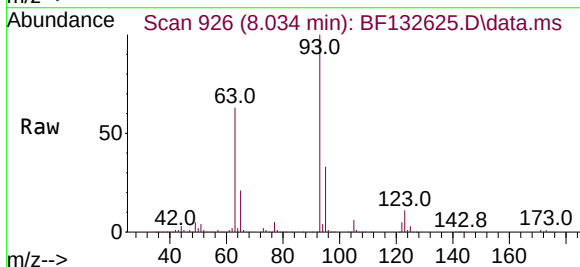
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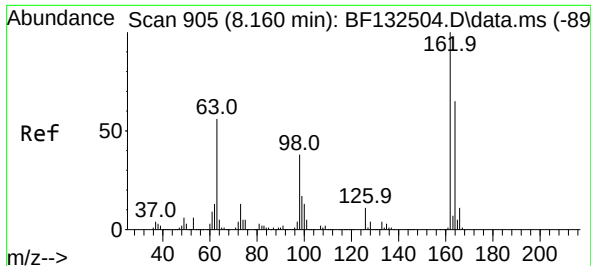
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.822 ng
RT: 8.034 min Scan# 926
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Tgt Ion: 93 Resp: 1048603
Ion Ratio Lower Upper
93 100
95 33.0 26.3 39.5
123 10.8 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 40.762 ng

RT: 8.151 min Scan# 94

Delta R.T. 0.003 min

Lab File: BF132625.D

Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

ClientSampleId :

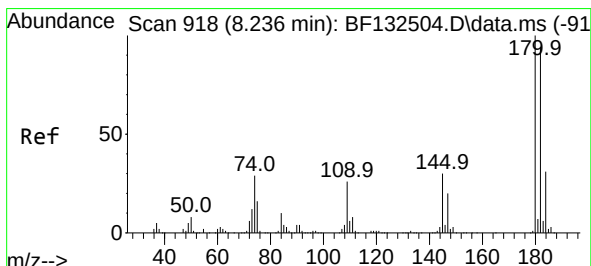
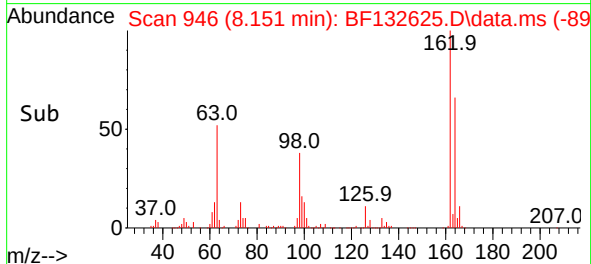
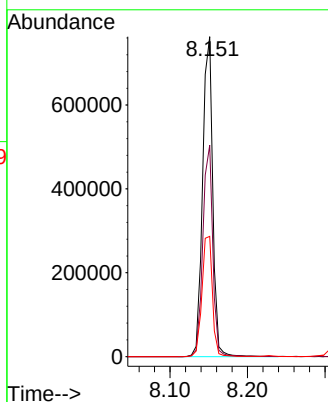
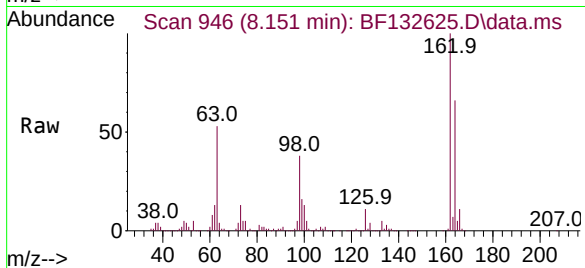
PB151155BS

Tgt Ion:162 Resp: 691637
 Ion Ratio Lower Upper
 162 100
 164 66.1 45.3 85.3
 98 37.6 17.9 57.9

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



#30

1,2,4-Trichlorobenzene

Concen: 41.978 ng

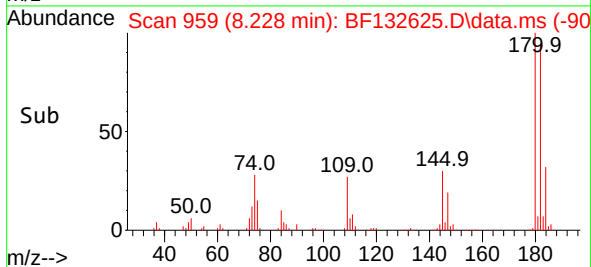
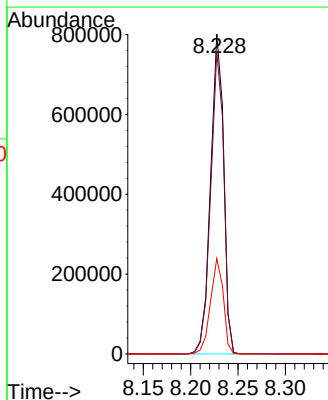
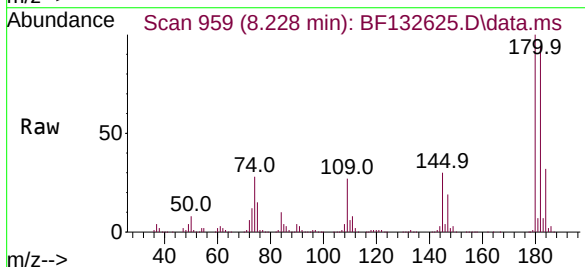
RT: 8.228 min Scan# 959

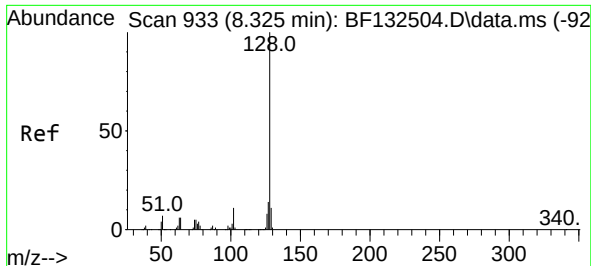
Delta R.T. -0.003 min

Lab File: BF132625.D

Acq: 03 Mar 2023 13:10

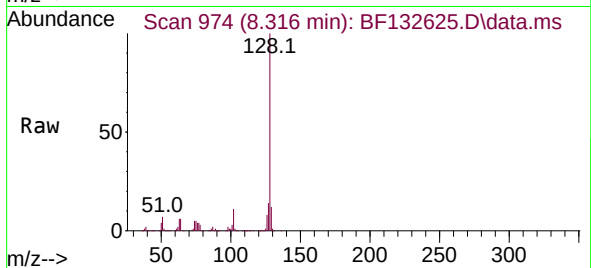
Tgt Ion:180 Resp: 773427
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.1 112.7
 145 29.8 23.8 35.6





#31
Naphthalene
Concen: 37.942 ng
RT: 8.316 min Scan# 911
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

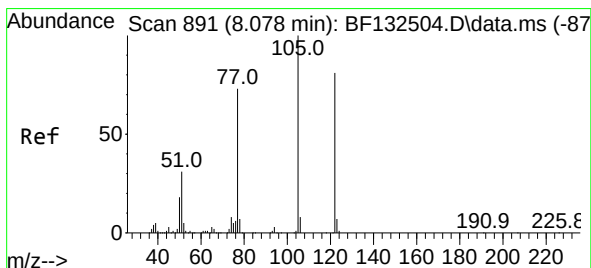
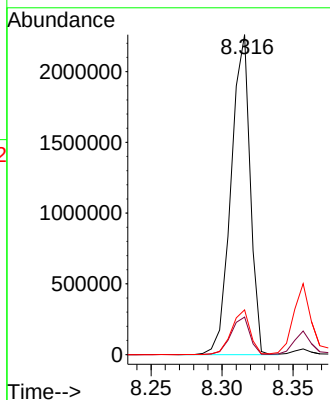
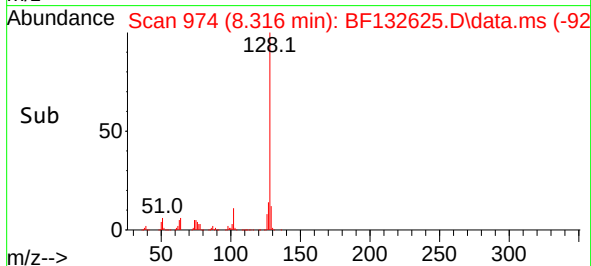
Instrument :
BNA_F
ClientSampleId :
PB151155BS



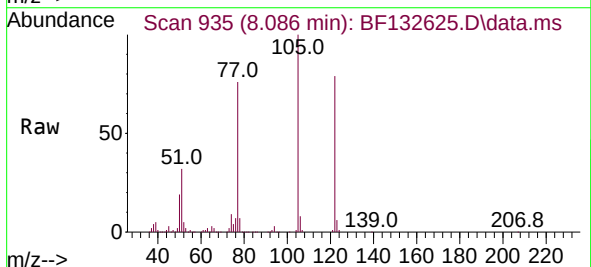
Tgt Ion:128 Resp: 2110669
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 14.0 11.0 16.6

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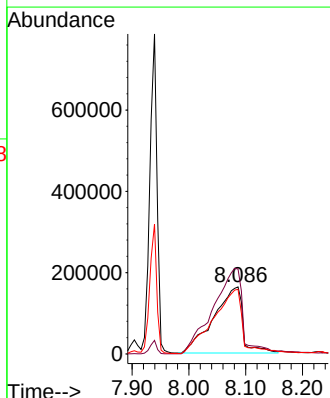
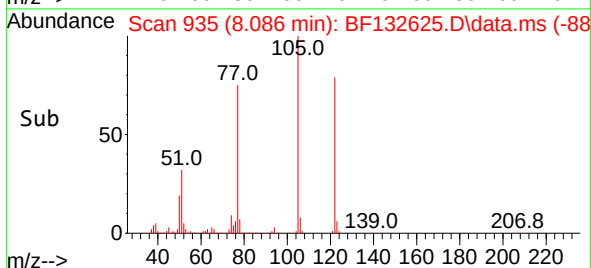
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

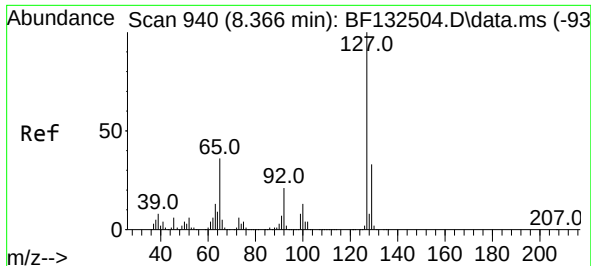


#32
Benzoic acid
Concen: 43.818 ng
RT: 8.086 min Scan# 935
Delta R.T. 0.021 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



Tgt Ion:122 Resp: 584095
Ion Ratio Lower Upper
122 100
105 126.8 102.6 142.6
77 96.4 70.2 110.2





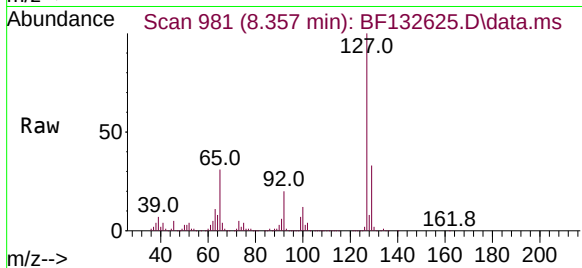
#33
4-Chloroaniline
Concen: 22.297 ng m
RT: 8.357 min Scan# 981
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

ClientSampleId :

PB151155BS

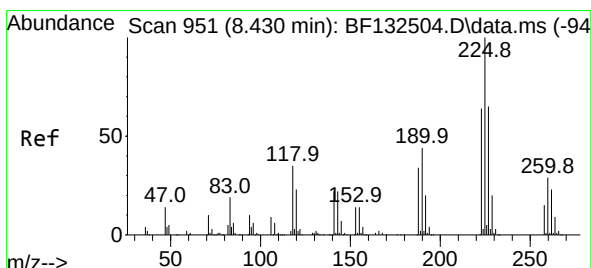
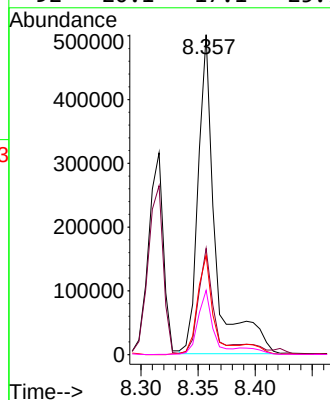
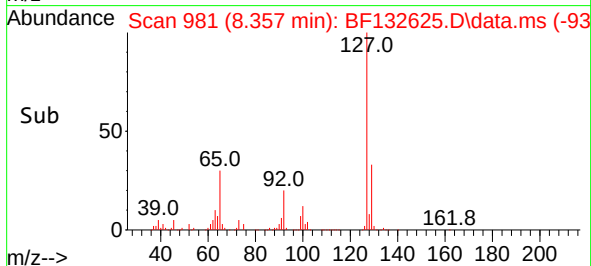


Tgt Ion:127 Resp: 531505
Ion Ratio Lower Upper
127 100
129 33.2 26.4 39.6
65 31.0 28.8 43.2
92 20.1 17.1 25.7

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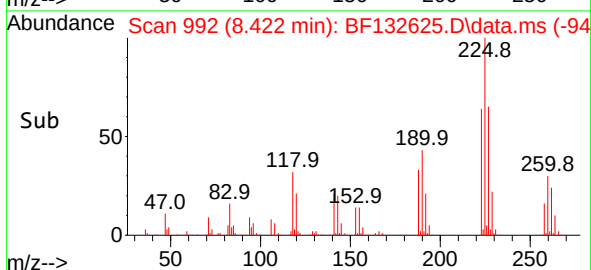
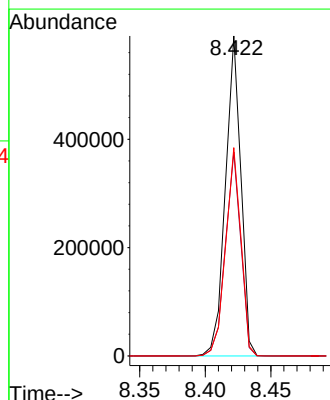
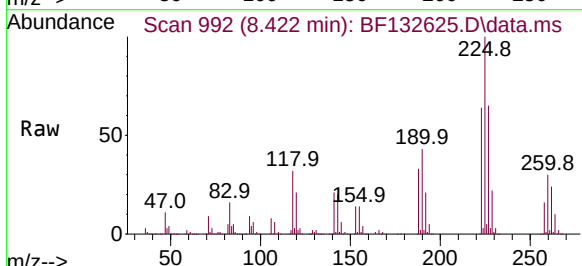
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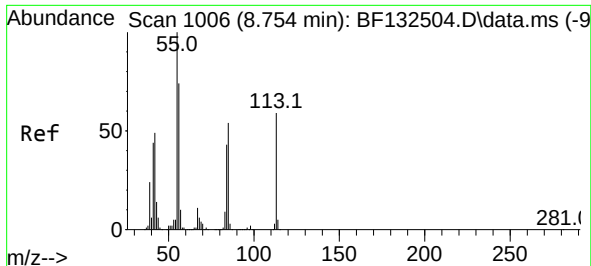
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#34
Hexachlorobutadiene
Concen: 41.457 ng
RT: 8.422 min Scan# 992
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

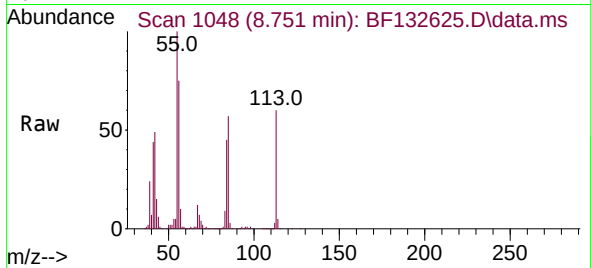
Tgt Ion:225 Resp: 485374
Ion Ratio Lower Upper
225 100
223 63.7 51.0 76.4
227 65.1 51.7 77.5





#35
Caprolactam
Concen: 42.945 ng m
RT: 8.751 min Scan# 10
Delta R.T. 0.009 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

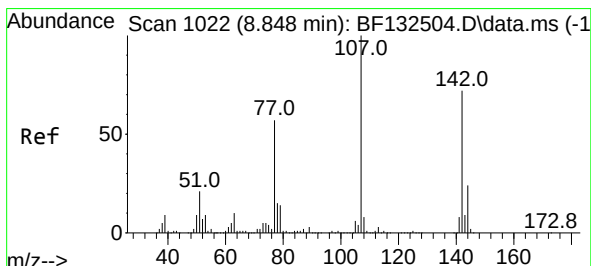
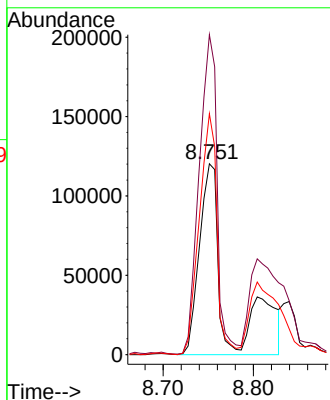
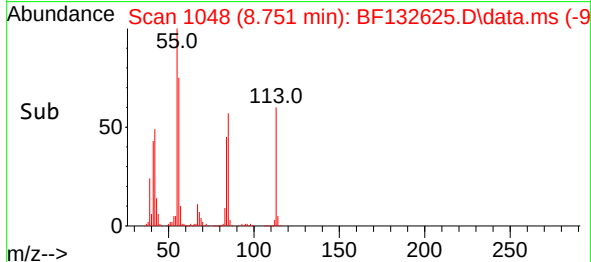
Instrument :
BNA_F
ClientSampleId :
PB151155BS



Tgt Ion:113 Resp: 240230
Ion Ratio Lower Upper
113 100
55 167.7 149.4 189.4
56 126.2 105.0 145.0

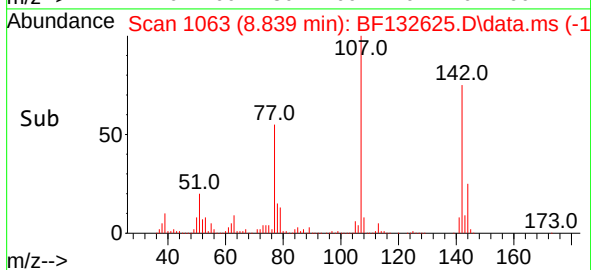
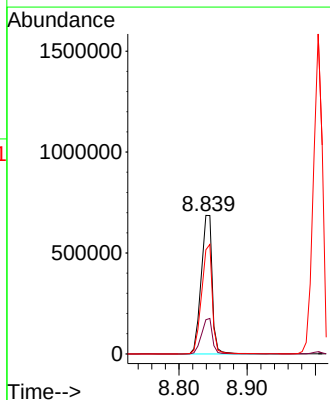
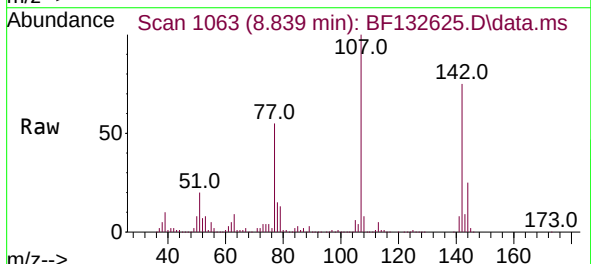
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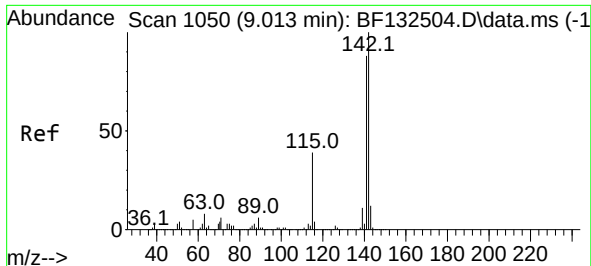
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#36
4-Chloro-3-methylphenol
Concen: 41.531 ng
RT: 8.839 min Scan# 1063
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Tgt Ion:107 Resp: 773897
Ion Ratio Lower Upper
107 100
144 24.7 18.9 28.3
142 75.2 57.9 86.9





#37

2-Methylnaphthalene

Concen: 38.460 ng

RT: 9.004 min Scan# 1050

Delta R.T. -0.003 min

Lab File: BF132625.D

Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

ClientSampleId :

PB151155BS

Tgt Ion:142 Resp: 1458010

Ion Ratio Lower Upper

142 100

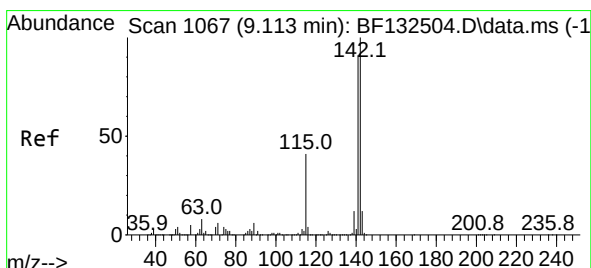
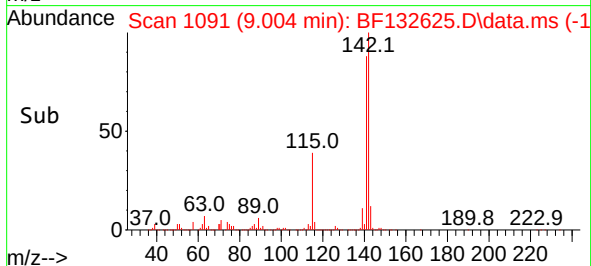
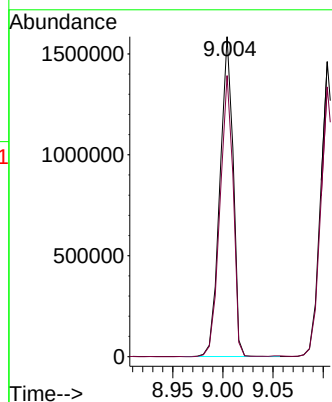
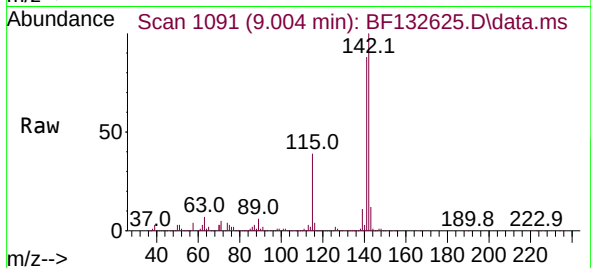
141 87.8 70.2 105.2

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Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#38

1-Methylnaphthalene

Concen: 38.125 ng

RT: 9.104 min Scan# 1108

Delta R.T. -0.003 min

Lab File: BF132625.D

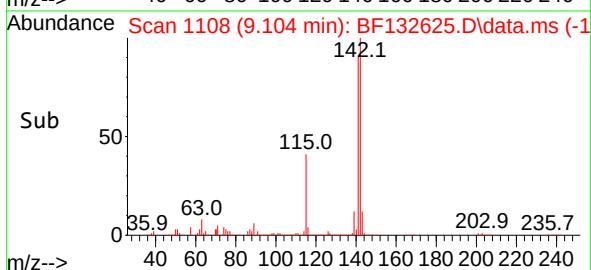
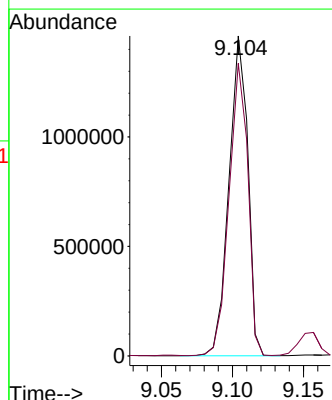
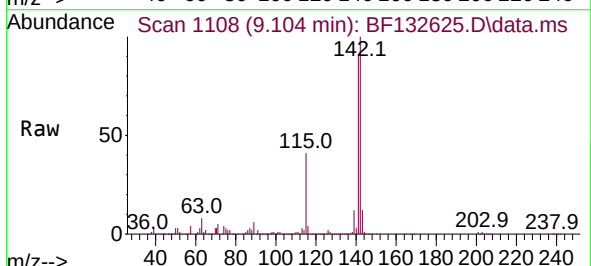
Acq: 03 Mar 2023 13:10

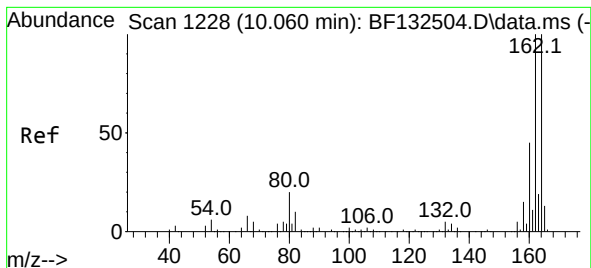
Tgt Ion:142 Resp: 1350723

Ion Ratio Lower Upper

142 100

141 91.4 73.0 109.6





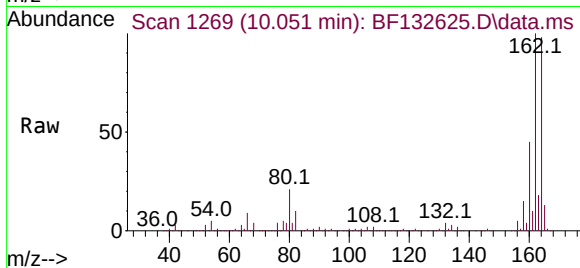
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1120
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

ClientSampleId :

PB151155BS

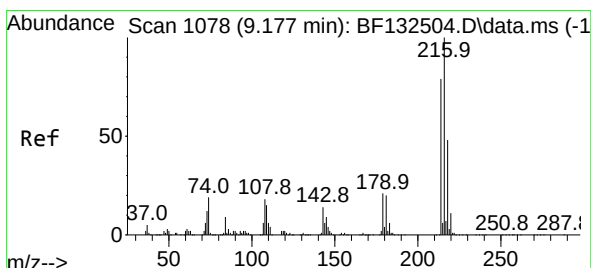
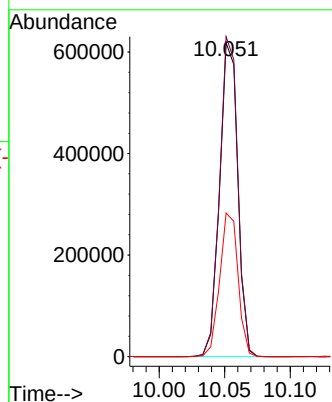
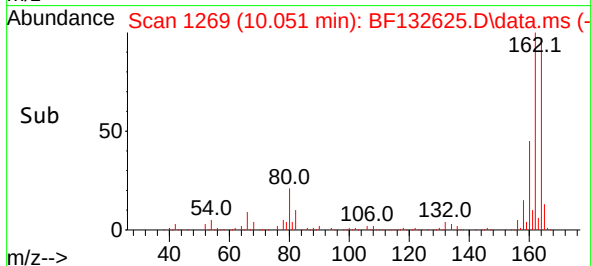


Tgt Ion:164 Resp: 598234
Ion Ratio Lower Upper
164 100
162 102.0 79.8 119.8
160 45.8 35.8 53.6

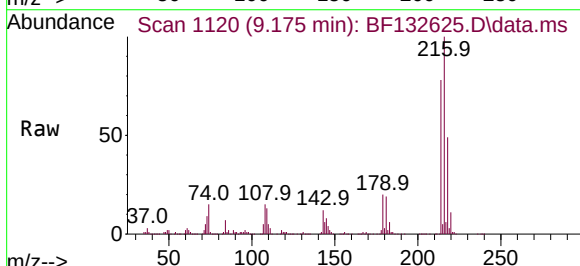
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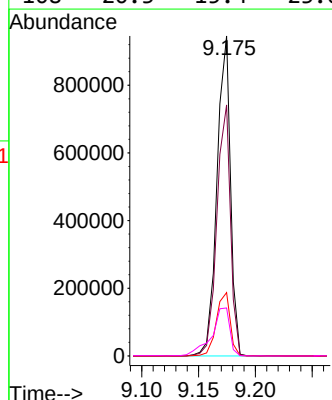
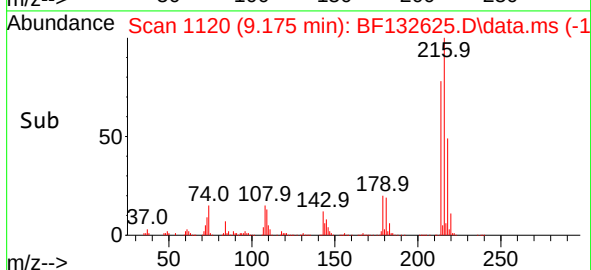
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

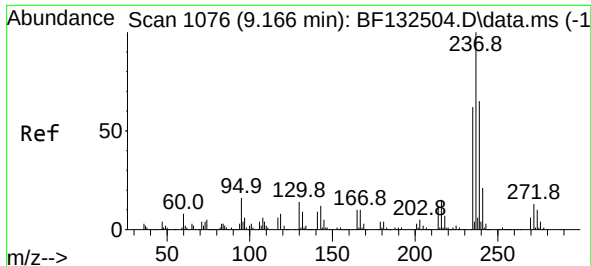


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.880 ng
RT: 9.175 min Scan# 1120
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



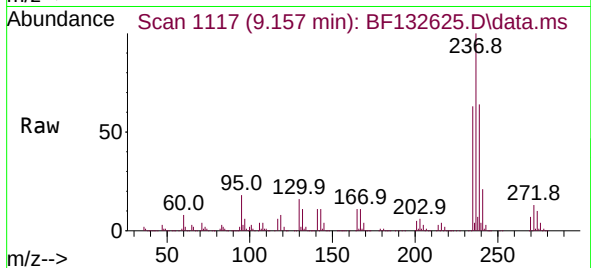
Tgt Ion:216 Resp: 780554
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.6
179 20.3 16.6 24.8
108 20.3 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 89.820 ng
RT: 9.157 min Scan# 1117
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

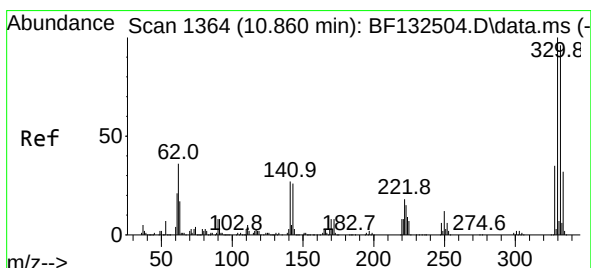
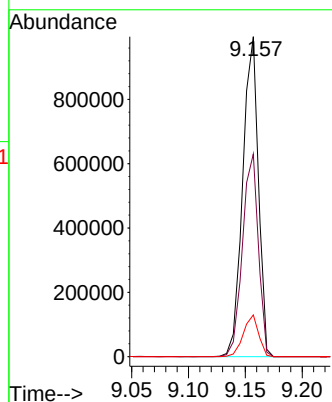
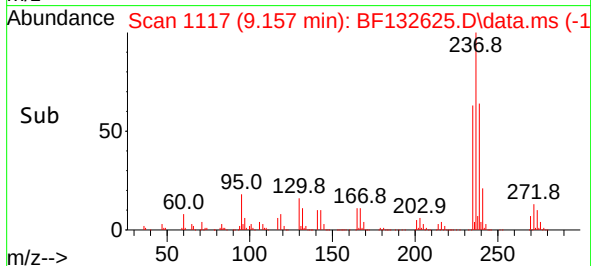
Instrument :
BNA_F
ClientSampleId :
PB151155BS



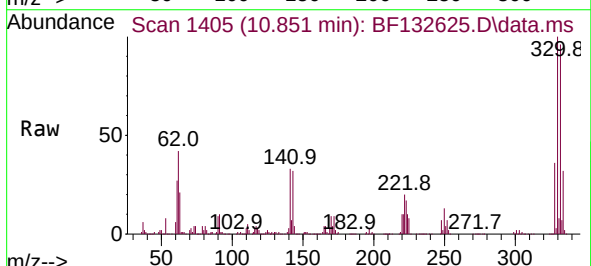
Tgt Ion:237 Resp: 95354
Ion Ratio Lower Upper
237 100
235 63.3 42.4 82.4
272 13.0 0.0 32.7

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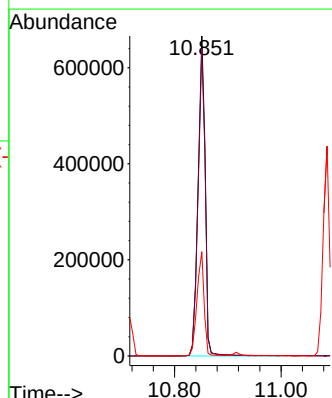
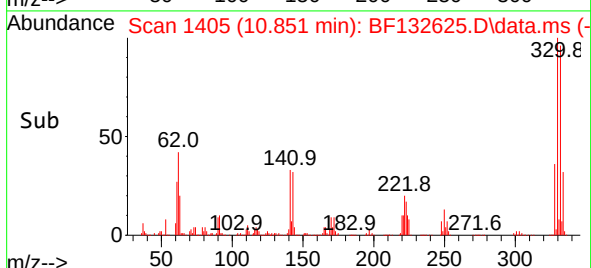
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

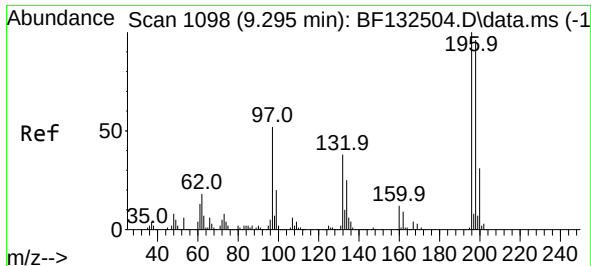


#42
2,4,6-Tribromophenol
Concen: 95.903 ng
RT: 10.851 min Scan# 1405
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



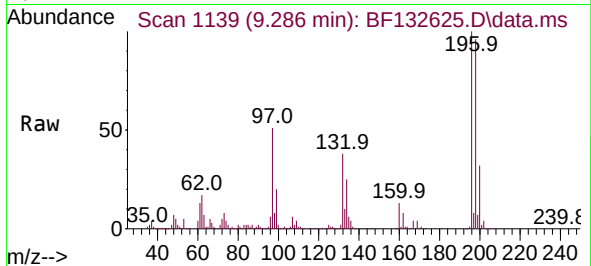
Tgt Ion:330 Resp: 619596
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 32.5 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 41.096 ng
RT: 9.286 min Scan# 1118
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

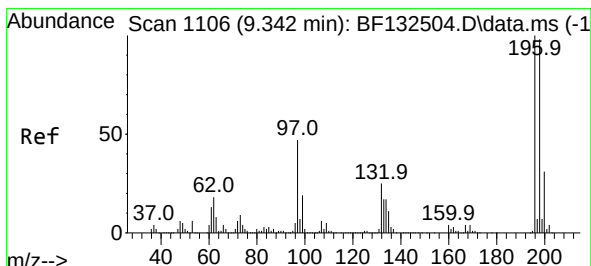
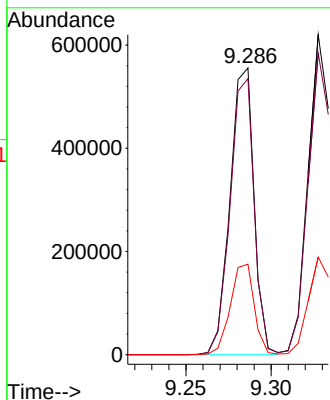
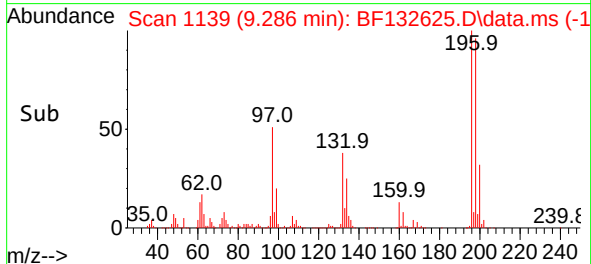
Instrument :
BNA_F
ClientSampleId :
PB151155BS



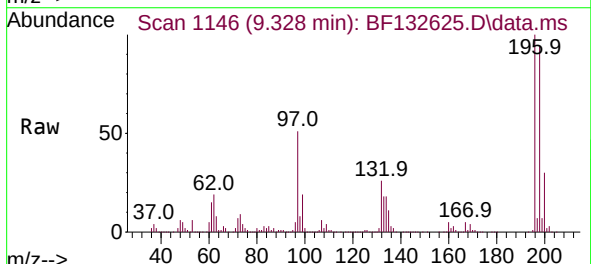
Tgt Ion:196 Resp: 545118
Ion Ratio Lower Upper
196 100
198 96.3 77.1 115.7
200 31.6 25.0 37.4

Manual Integrations
APPROVED

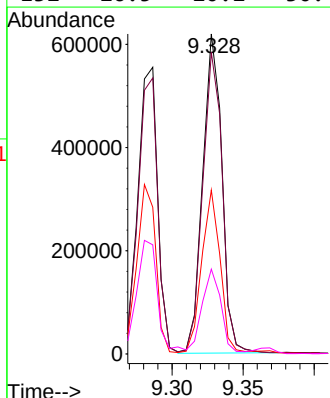
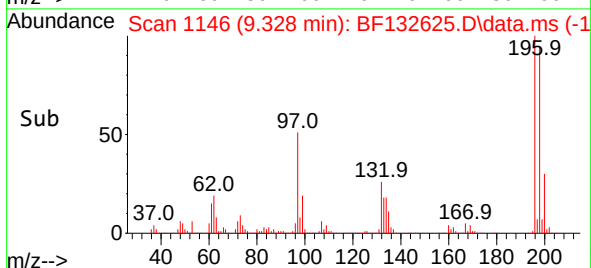
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

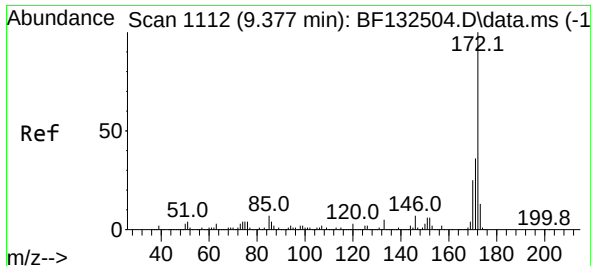


#44
2,4,5-Trichlorophenol
Concen: 37.560 ng
RT: 9.328 min Scan# 1146
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



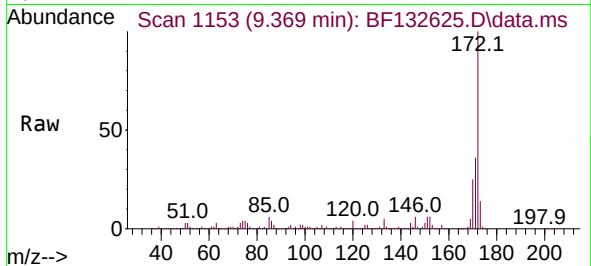
Tgt Ion:196 Resp: 581481
Ion Ratio Lower Upper
196 100
198 94.2 78.3 117.5
97 51.2 38.1 57.1
132 26.5 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 58.017 ng
RT: 9.369 min Scan# 1112
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

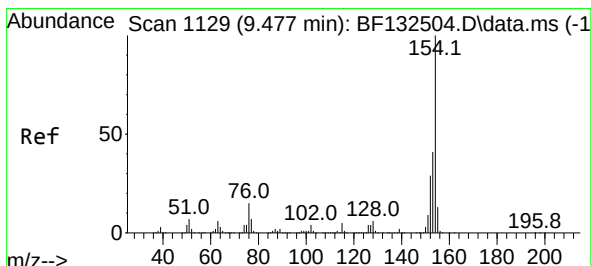
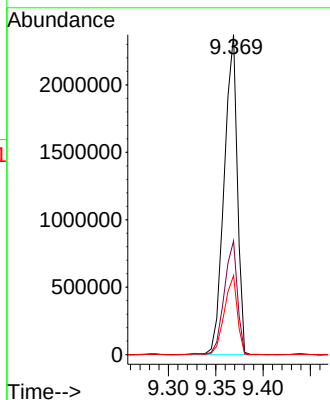
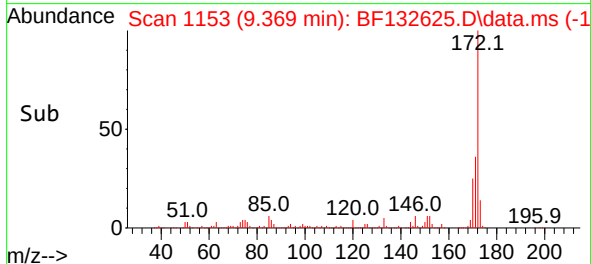
Instrument :
BNA_F
ClientSampleId :
PB151155BS



Tgt Ion:172 Resp: 2279409
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 24.7 19.7 29.5

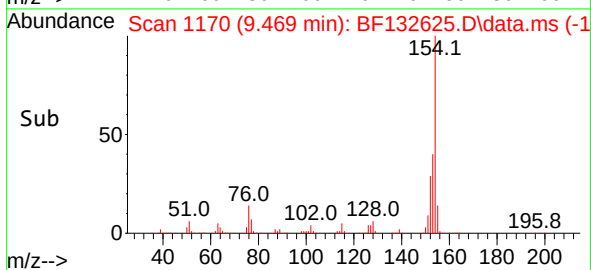
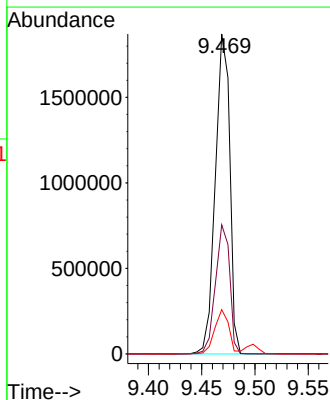
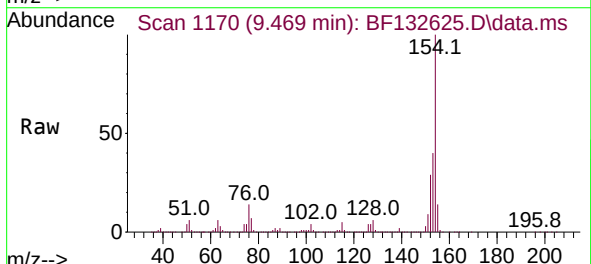
Manual Integrations
APPROVED

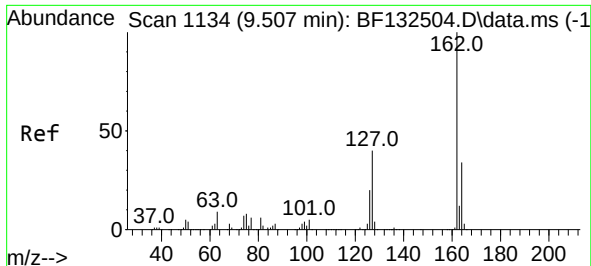
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#46
1,1'-Biphenyl
Concen: 39.063 ng
RT: 9.469 min Scan# 1170
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Tgt Ion:154 Resp: 1768771
Ion Ratio Lower Upper
154 100
153 40.3 20.9 60.9
76 13.8 0.0 34.7





#47

2-Chloronaphthalene

Concen: 40.048 ng

RT: 9.498 min Scan# 1117

Delta R.T. -0.003 min

Lab File: BF132625.D

Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

ClientSampleId :

PB151155BS

Tgt Ion:162 Resp: 1437692

Ion Ratio Lower Upper

162 100

127 40.6 32.3 48.5

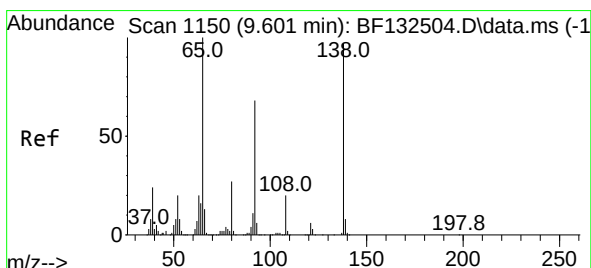
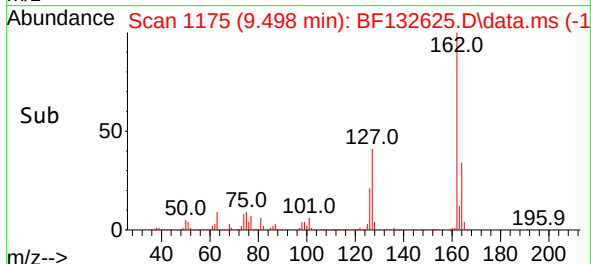
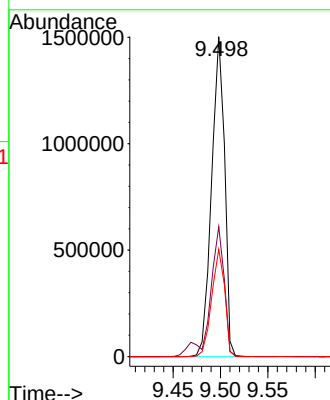
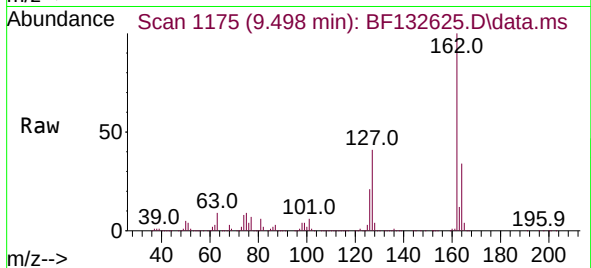
164 33.5 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#48

2-Nitroaniline

Concen: 37.752 ng

RT: 9.592 min Scan# 1191

Delta R.T. -0.003 min

Lab File: BF132625.D

Acq: 03 Mar 2023 13:10

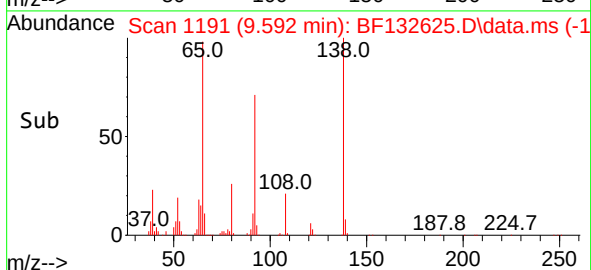
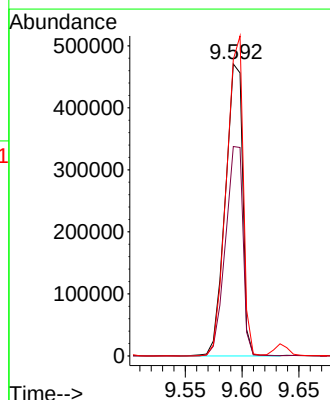
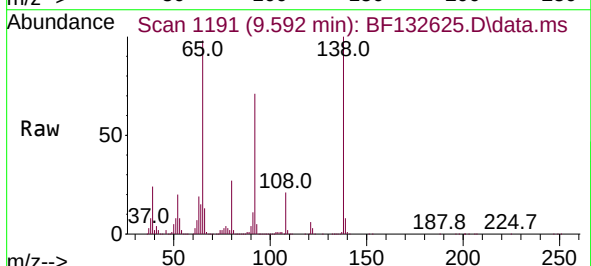
Tgt Ion: 65 Resp: 499147

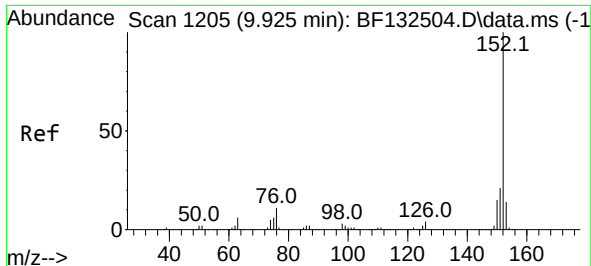
Ion Ratio Lower Upper

65 100

92 71.7 54.5 81.7

138 101.6 77.2 115.8





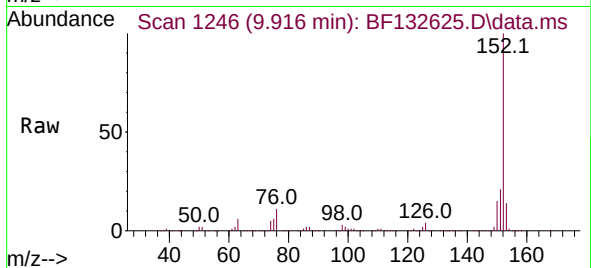
#49
Acenaphthylene
Concen: 37.883 ng
RT: 9.916 min Scan# 1205
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

ClientSampleId :

PB151155BS

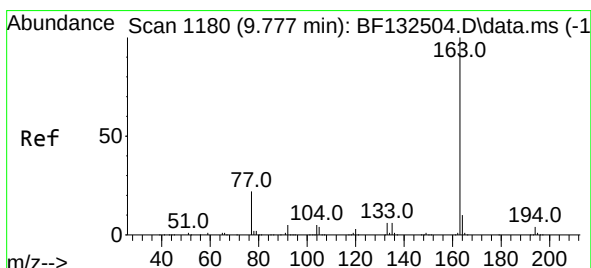
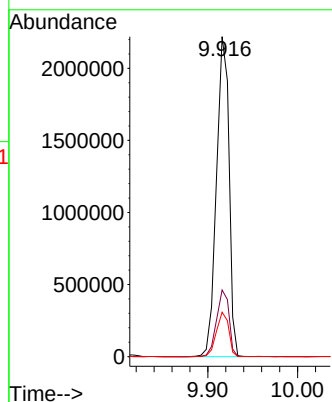
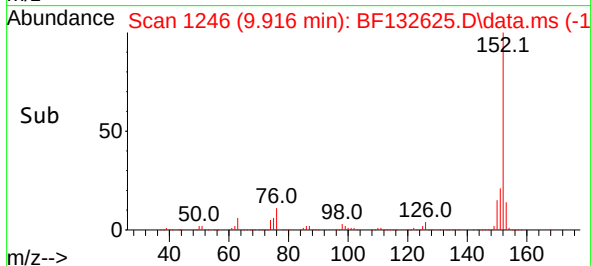


Tgt Ion:152 Resp: 2164448
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.9 11.0 16.6

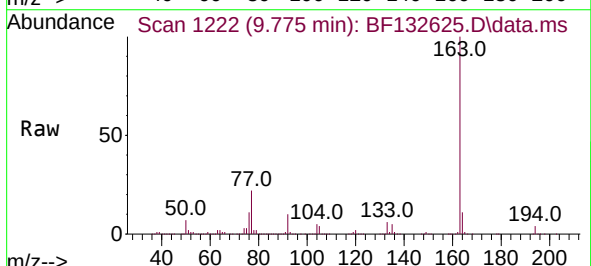
Manual Integrations

APPROVED

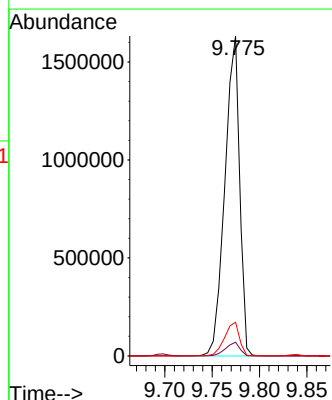
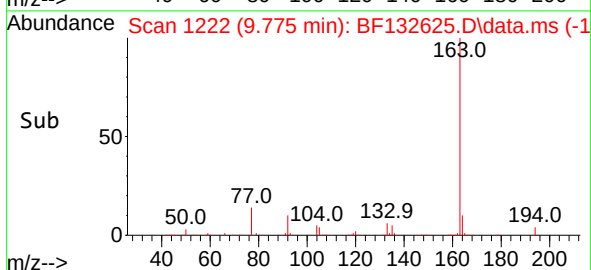
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

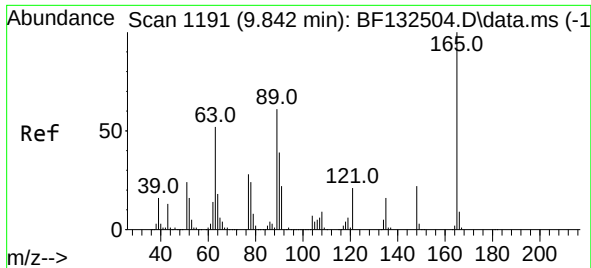


#50
Dimethylphthalate
Concen: 40.423 ng
RT: 9.775 min Scan# 1222
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



Tgt Ion:163 Resp: 1760793
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.5 8.3 12.5





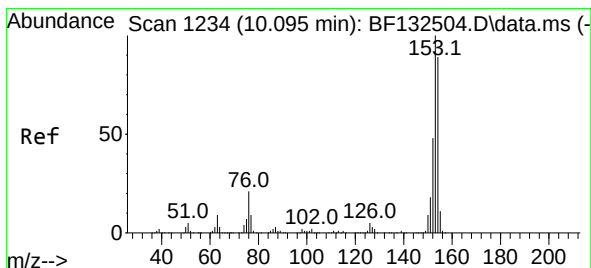
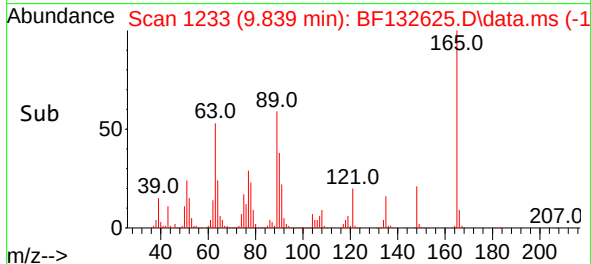
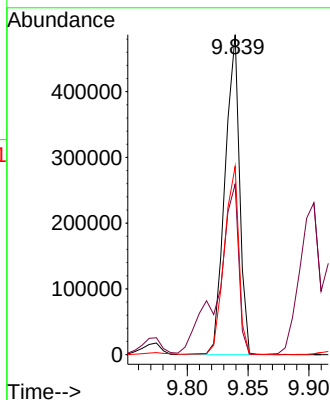
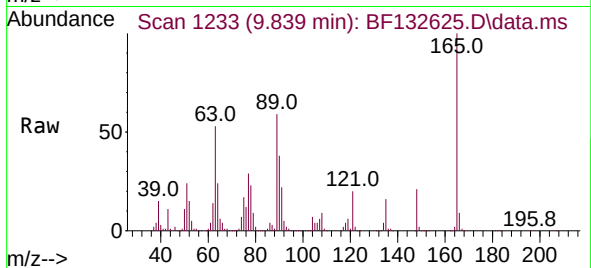
#51
2,6-Dinitrotoluene
Concen: 40.821 ng
RT: 9.839 min Scan# 1191
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Instrument :
BNA_F
ClientSampleId :
PB151155BS

Tgt Ion:165 Resp: 404950
Ion Ratio Lower Upper
165 100
63 53.3 47.3 70.9
89 58.8 48.9 73.3

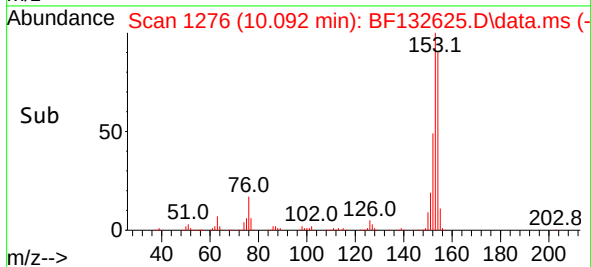
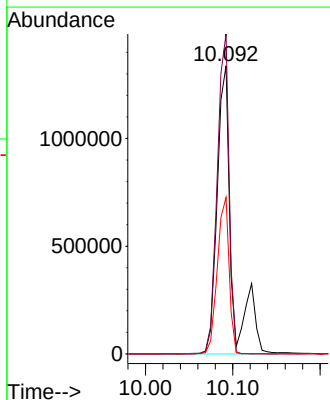
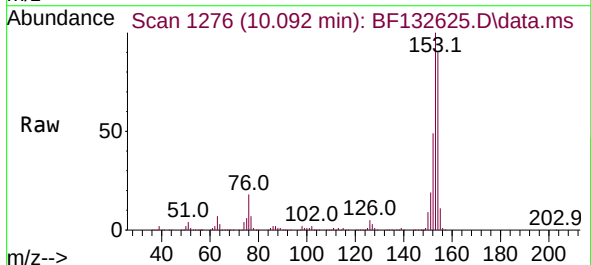
Manual Integrations
APPROVED

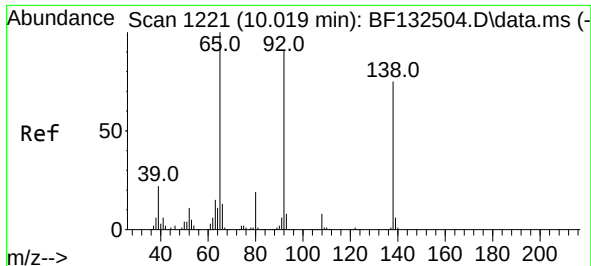
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#52
Acenaphthene
Concen: 43.258 ng m
RT: 10.092 min Scan# 1276
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Tgt Ion:154 Resp: 1569411
Ion Ratio Lower Upper
154 100
153 111.1 89.8 134.8
152 54.3 43.3 64.9





#53
3-Nitroaniline
Concen: 28.881 ng
RT: 10.010 min Scan# 1210
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

ClientSampleId :

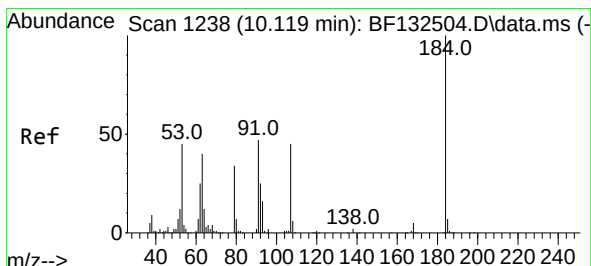
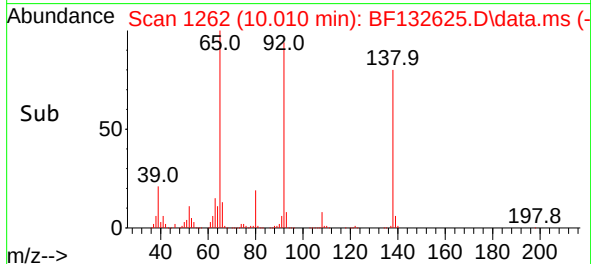
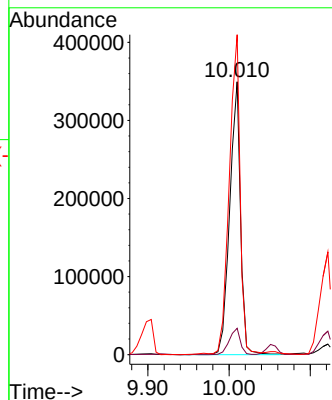
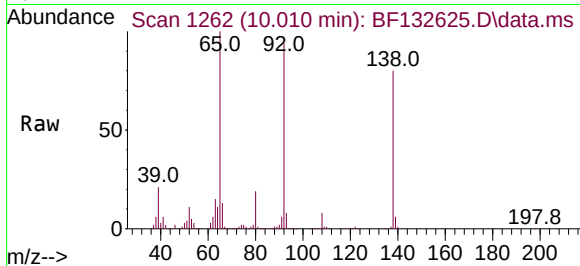
PB151155BS

Tgt Ion:138 Resp: 320490
Ion Ratio Lower Upper
138 100
108 9.6 8.1 12.1
92 117.3 97.2 145.8

Manual Integrations

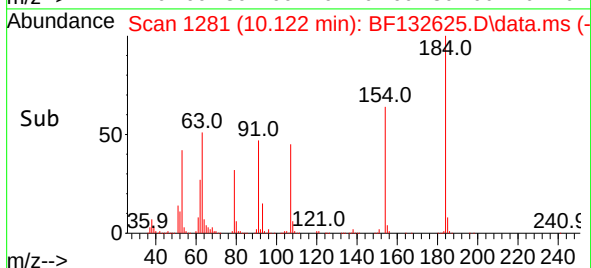
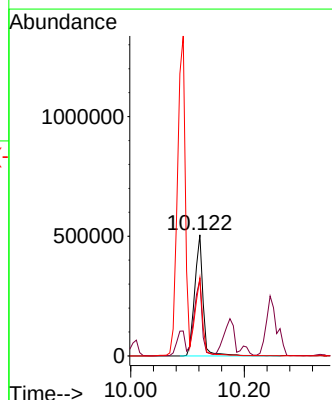
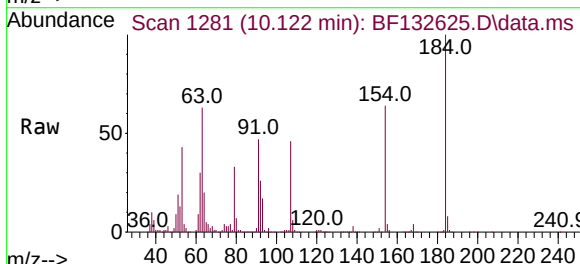
APPROVED

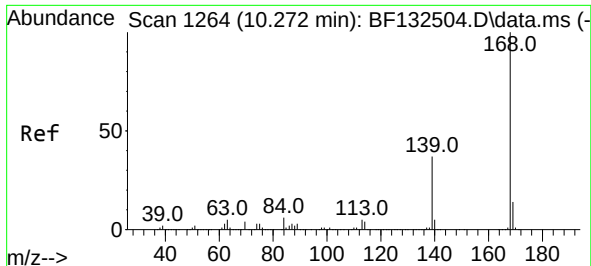
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#54
2,4-Dinitrophenol
Concen: 82.048 ng
RT: 10.122 min Scan# 1281
Delta R.T. 0.009 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

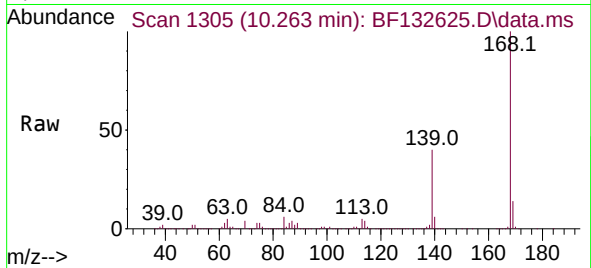
Tgt Ion:184 Resp: 513209
Ion Ratio Lower Upper
184 100
63 63.0 51.4 77.2
154 64.5 48.3 72.5





#55
Dibenzofuran
Concen: 36.425 ng
RT: 10.263 min Scan# 1305
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

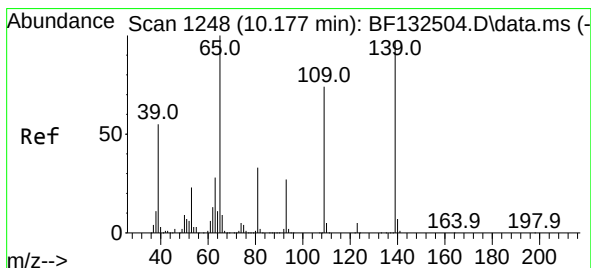
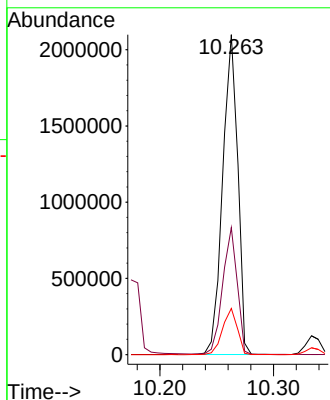
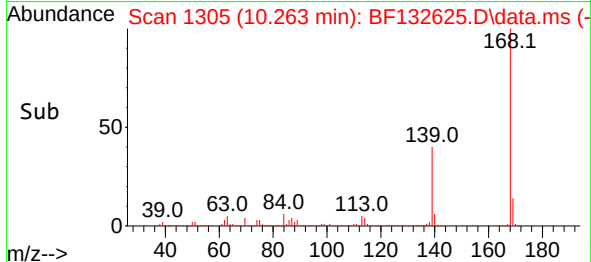
Instrument :
BNA_F
ClientSampleId :
PB151155BS



Tgt Ion:168 Resp: 192654
Ion Ratio Lower Upper
168 100
139 39.7 29.8 44.6
169 14.4 10.9 16.3

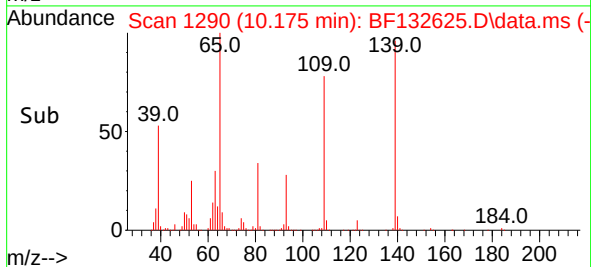
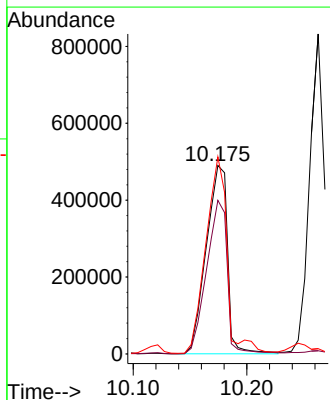
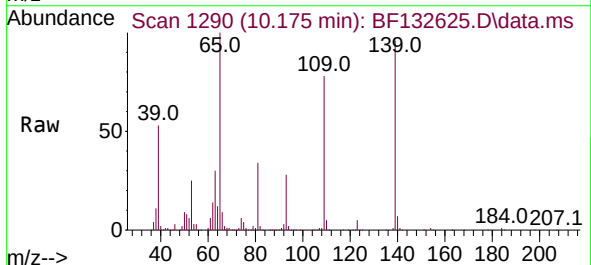
Manual Integrations
APPROVED

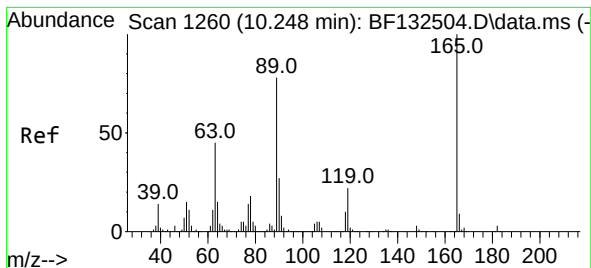
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#56
4-Nitrophenol
Concen: 77.131 ng
RT: 10.175 min Scan# 1290
Delta R.T. 0.009 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Tgt Ion:139 Resp: 638306
Ion Ratio Lower Upper
139 100
109 81.5 56.7 96.7
65 104.6 83.5 123.5





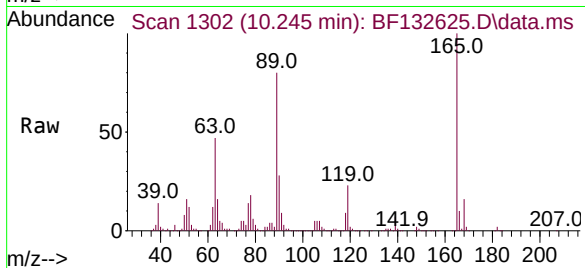
#57
2,4-Dinitrotoluene
Concen: 39.858 ng
RT: 10.245 min Scan# 1364
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

ClientSampleId :

PB151155BS

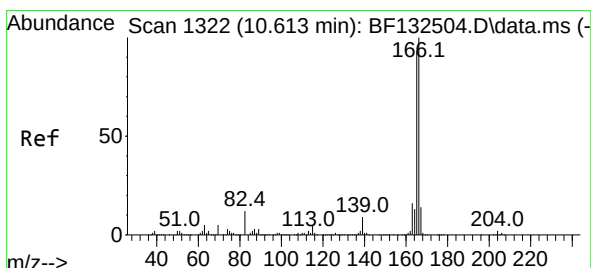
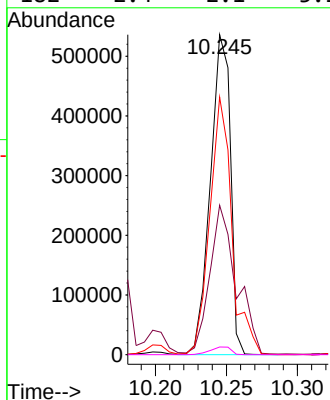
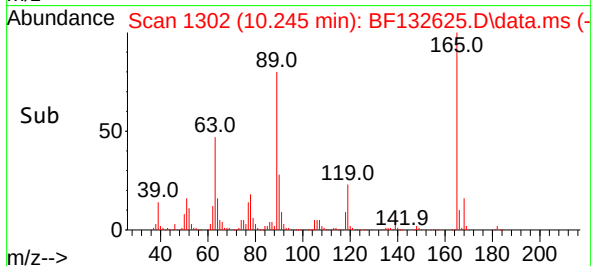


Tgt Ion:165 Resp: 526021
Ion Ratio Lower Upper
165 100
63 46.7 36.5 54.7
89 80.5 62.4 93.6
182 2.4 2.1 3.1

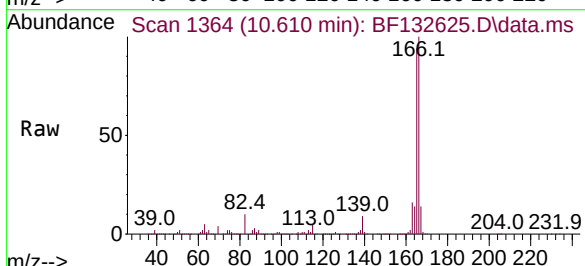
Manual Integrations

APPROVED

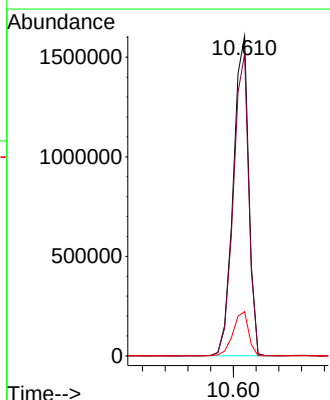
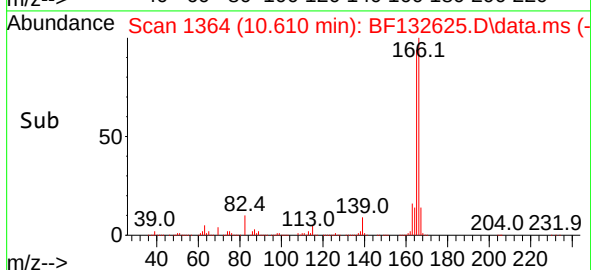
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

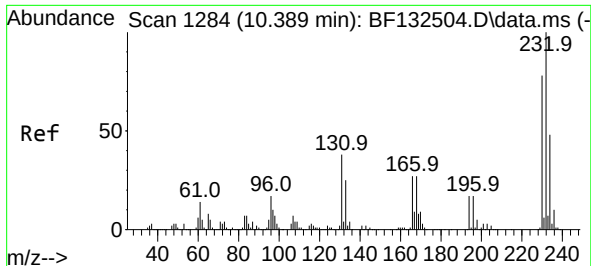


#58
Fluorene
Concen: 37.567 ng
RT: 10.610 min Scan# 1364
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



Tgt Ion:166 Resp: 1519811
Ion Ratio Lower Upper
166 100
165 94.4 74.2 111.4
167 13.8 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.923 ng
RT: 10.380 min Scan# 1311
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

ClientSampleId :

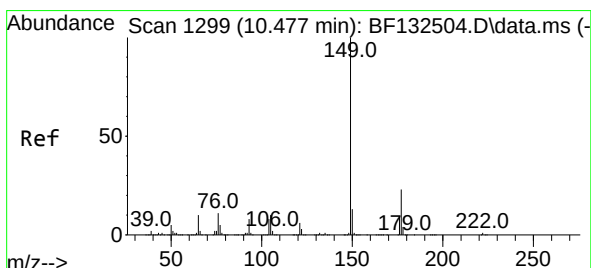
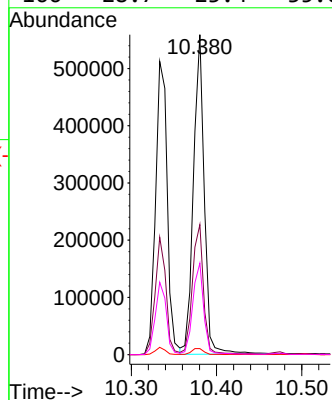
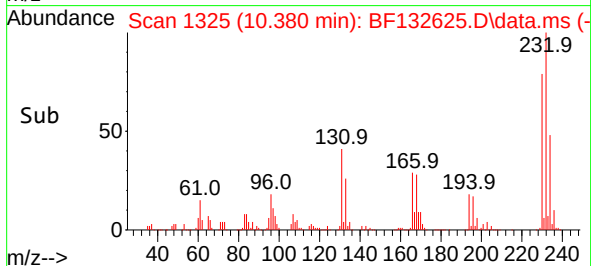
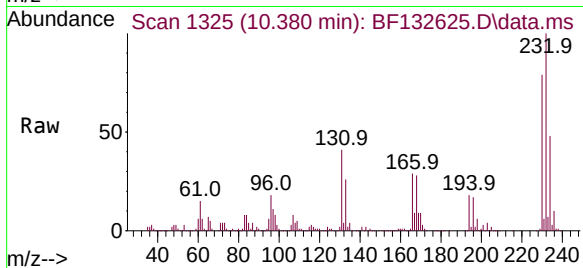
PB151155BS

Tgt Ion:232 Resp: 493623
Ion Ratio Lower Upper
232 100
131 41.6 33.8 50.8
130 2.1 1.7 2.5
166 28.7 23.4 35.0

Manual Integrations

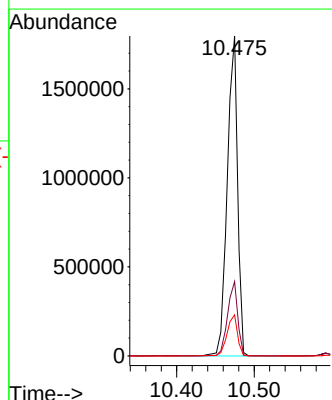
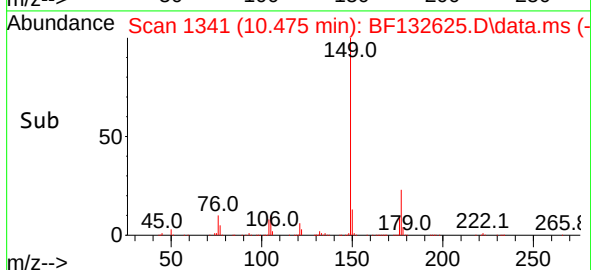
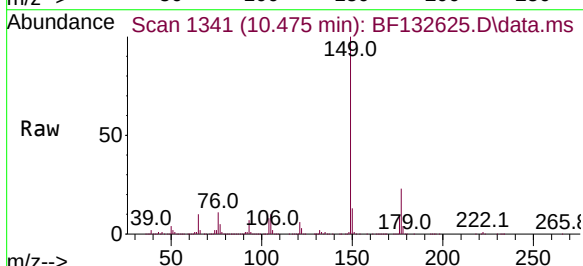
APPROVED

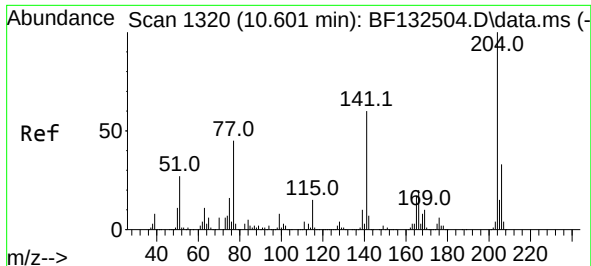
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#60
Diethylphthalate
Concen: 39.071 ng
RT: 10.475 min Scan# 1341
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Tgt Ion:149 Resp: 1662150
Ion Ratio Lower Upper
149 100
177 23.2 18.1 27.1
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.363 ng
RT: 10.592 min Scan# 1361
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

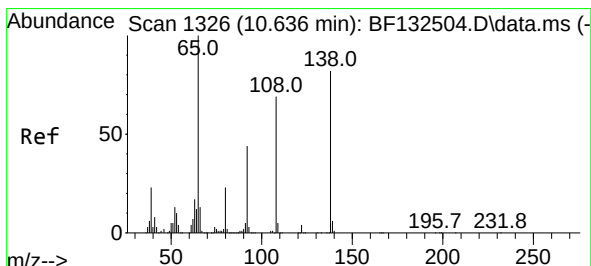
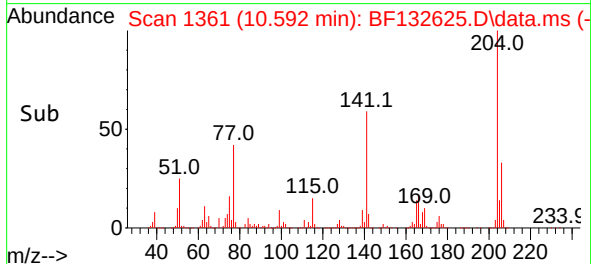
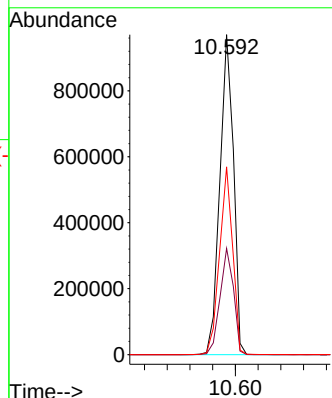
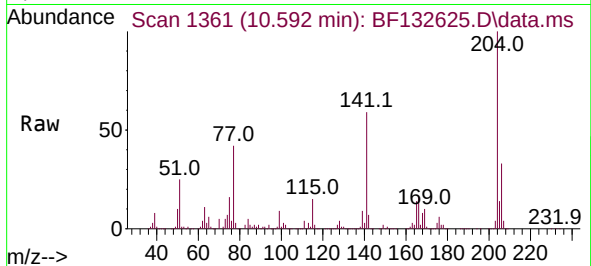
ClientSampleId :

PB151155BS

Tgt Ion:204 Resp: 805129
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 58.7 47.8 71.8

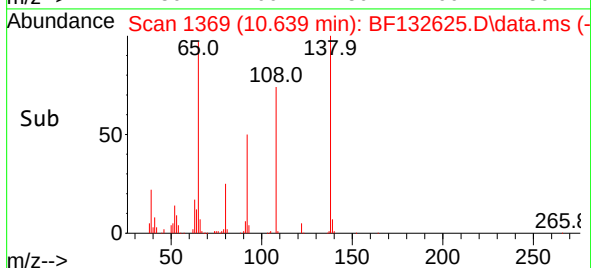
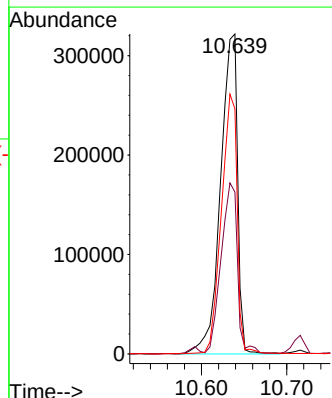
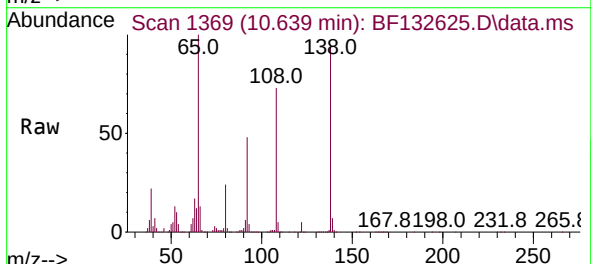
Manual Integrations
APPROVED

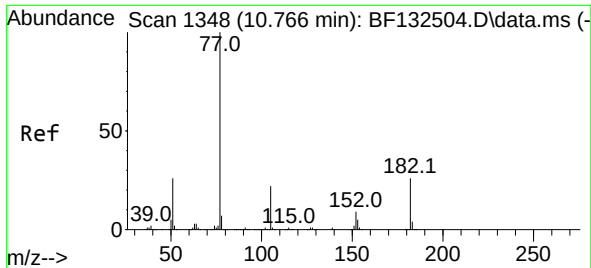
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#62
4-Nitroaniline
Concen: 41.047 ng
RT: 10.639 min Scan# 1369
Delta R.T. 0.009 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

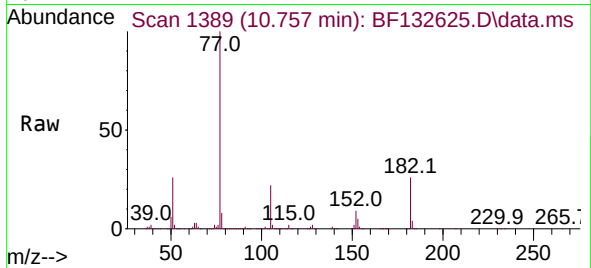
Tgt Ion:138 Resp: 447113
Ion Ratio Lower Upper
138 100
92 50.6 33.8 73.8
108 76.6 63.7 103.7





#63
Azobenzene
Concen: 37.459 ng
RT: 10.757 min Scan# 1348
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

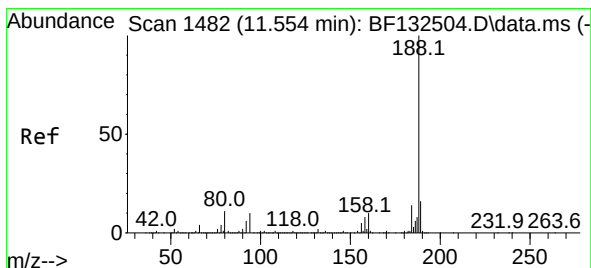
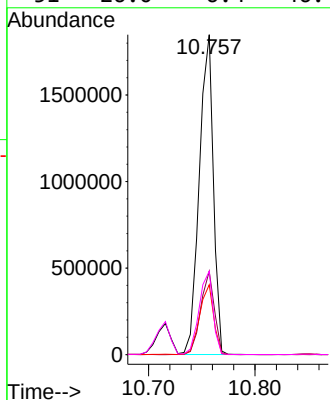
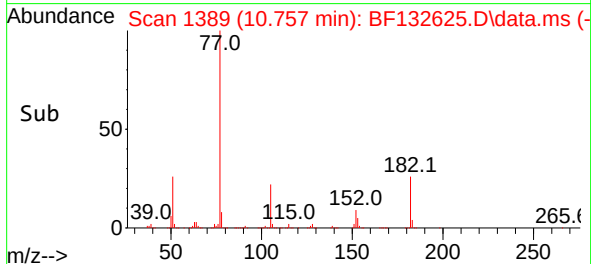
Instrument :
BNA_F
ClientSampleId :
PB151155BS



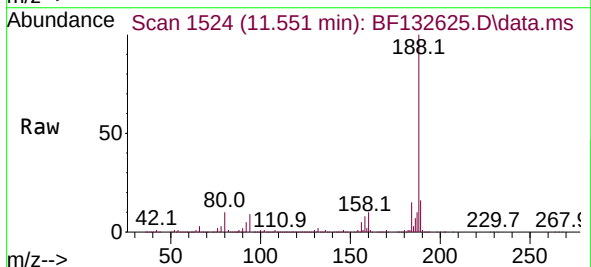
Tgt Ion: 77 Resp: 1687695
Ion Ratio Lower Upper
77 100
182 26.0 5.5 45.5
105 21.8 1.8 41.8
51 26.0 6.4 46.4

Manual Integrations
APPROVED

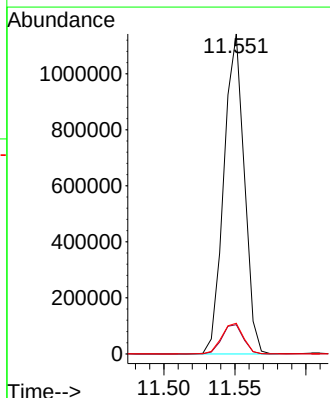
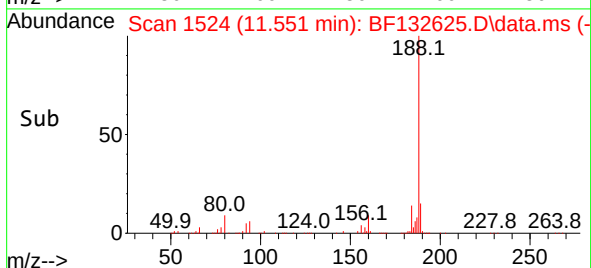
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

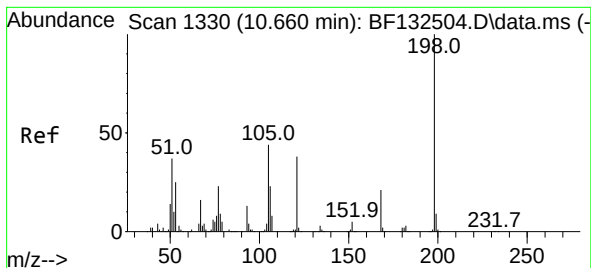


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.551 min Scan# 1524
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



Tgt Ion:188 Resp: 1144079
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.6 8.7 13.1





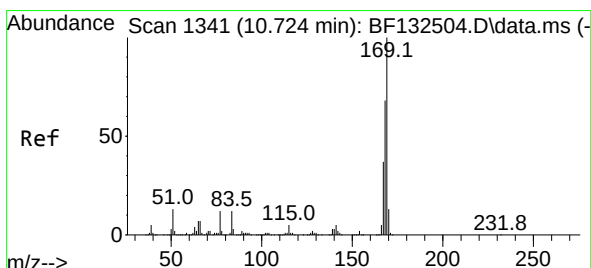
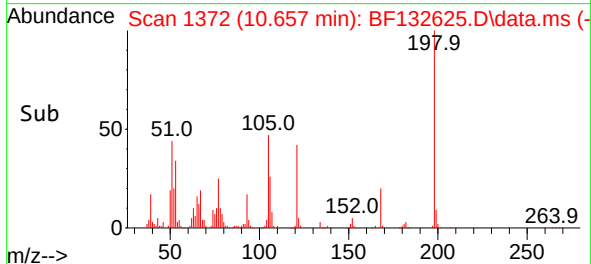
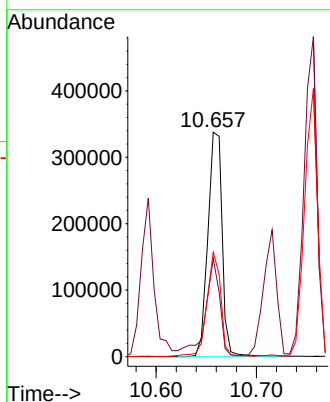
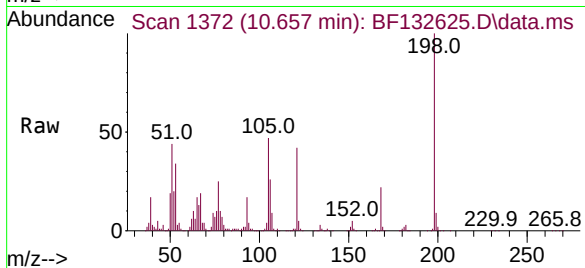
#65
4,6-Dinitro-2-methylphenol
Concen: 43.028 ng
RT: 10.657 min Scan# 1312
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Instrument :
BNA_F
ClientSampleId :
PB151155BS

Tgt Ion:198 Resp: 333247
Ion Ratio Lower Upper
198 100
51 43.7 20.6 60.6
105 46.5 24.3 64.3

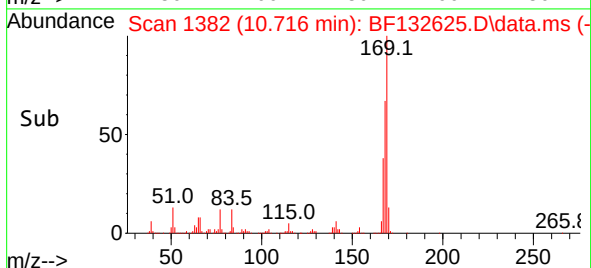
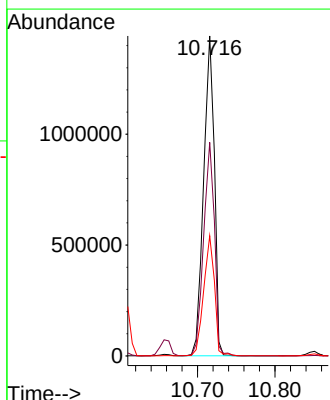
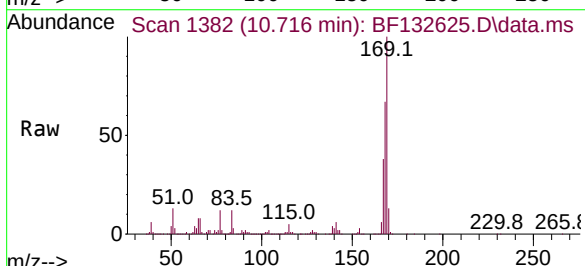
Manual Integrations
APPROVED

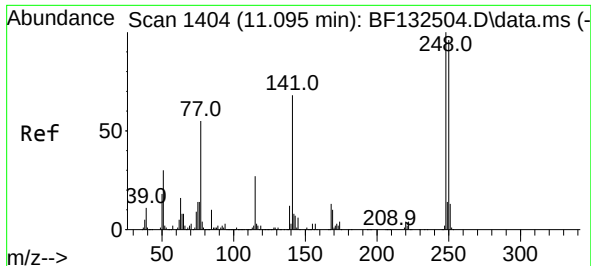
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#66
n-Nitrosodiphenylamine
Concen: 38.904 ng
RT: 10.716 min Scan# 1382
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

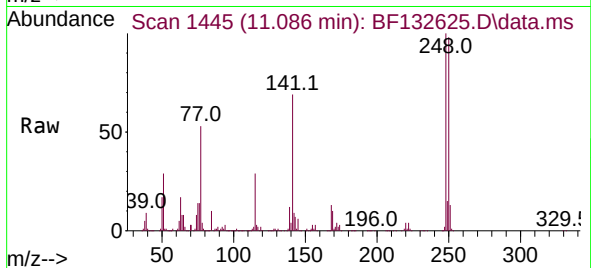
Tgt Ion:169 Resp: 1387619
Ion Ratio Lower Upper
169 100
168 66.7 54.2 81.4
167 37.5 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 40.755 ng
RT: 11.086 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

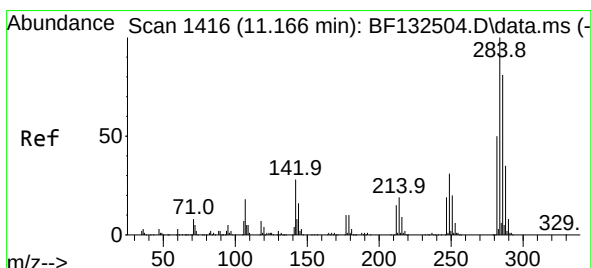
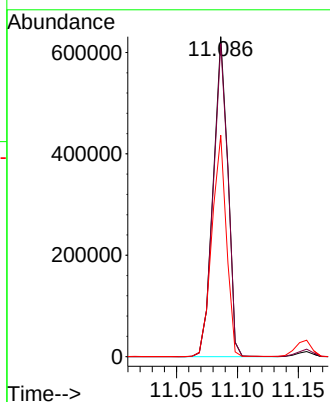
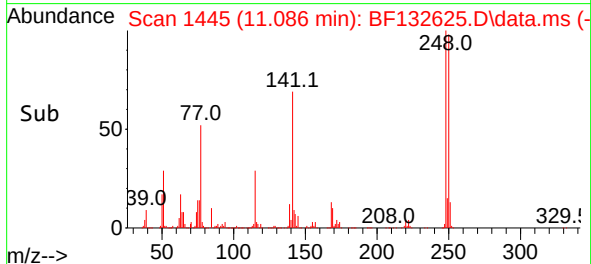
Instrument :
BNA_F
ClientSampleId :
PB151155BS



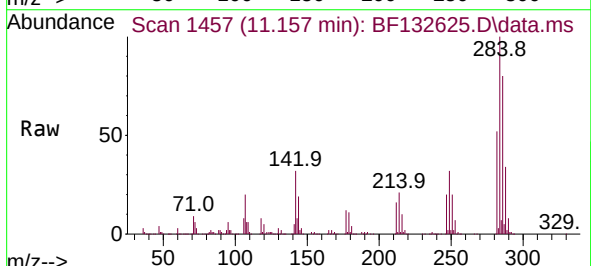
Tgt Ion:248 Resp: 527422
Ion Ratio Lower Upper
248 100
250 97.8 77.0 115.4
141 69.2 54.2 81.2

Manual Integrations
APPROVED

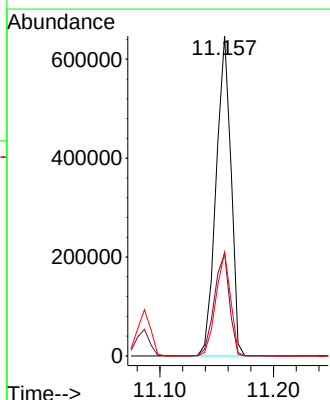
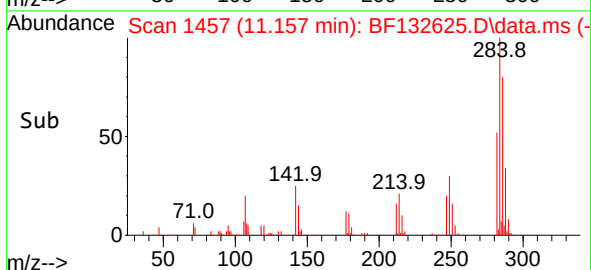
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

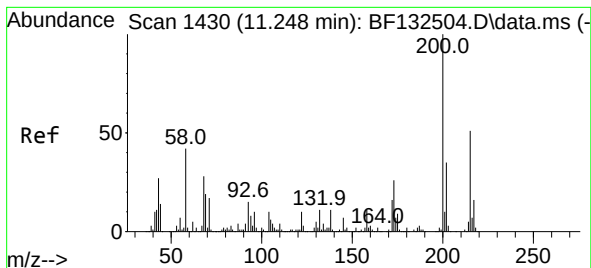


#68
Hexachlorobenzene
Concen: 42.938 ng
RT: 11.157 min Scan# 1457
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



Tgt Ion:284 Resp: 584693
Ion Ratio Lower Upper
284 100
142 32.1 22.2 33.4
249 32.4 24.9 37.3





#69

Atrazine

Concen: 44.862 ng

RT: 11.245 min Scan# 14

Delta R.T. 0.009 min

Lab File: BF132625.D

Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

ClientSampleId :

PB151155BS

Tgt Ion:200 Resp: 499538

Ion Ratio Lower Upper

200 100

173 24.7 6.4 46.4

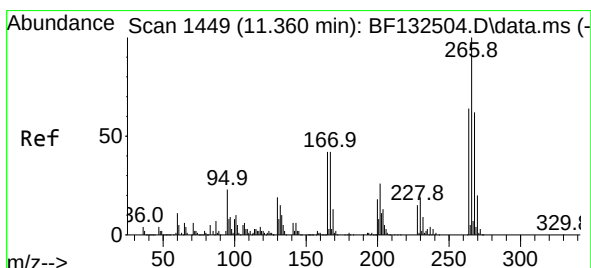
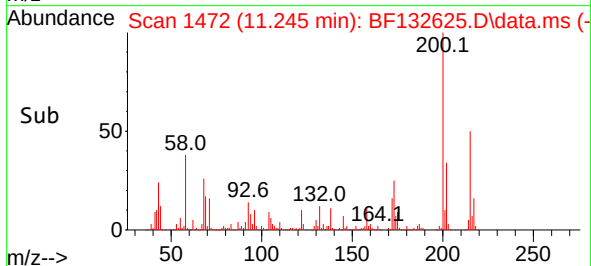
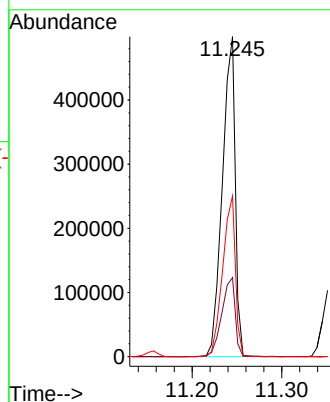
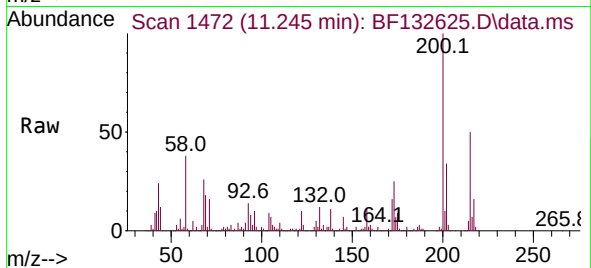
215 50.2 31.0 71.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#70

Pentachlorophenol

Concen: 76.692 ng

RT: 11.357 min Scan# 1491

Delta R.T. 0.009 min

Lab File: BF132625.D

Acq: 03 Mar 2023 13:10

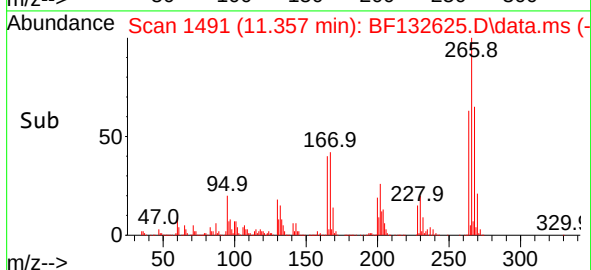
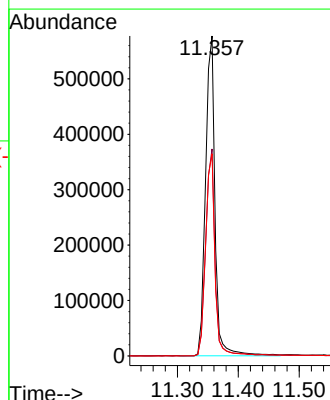
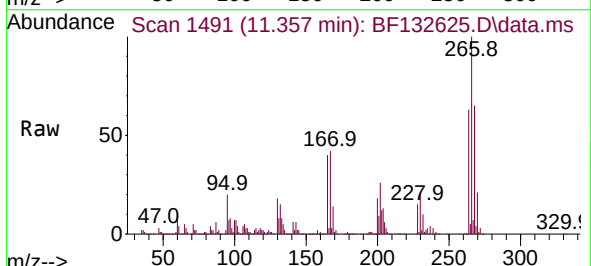
Tgt Ion:266 Resp: 621341

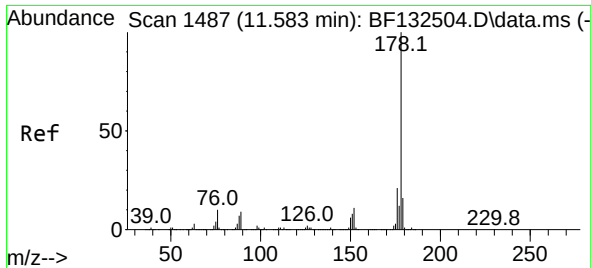
Ion Ratio Lower Upper

266 100

268 64.7 49.8 74.6

264 63.2 50.9 76.3





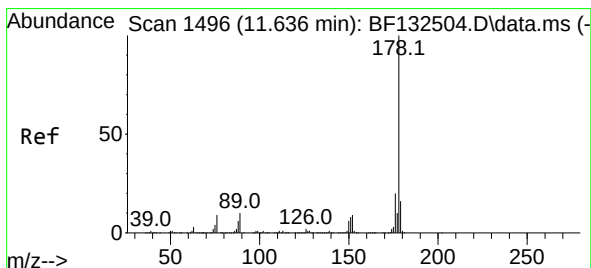
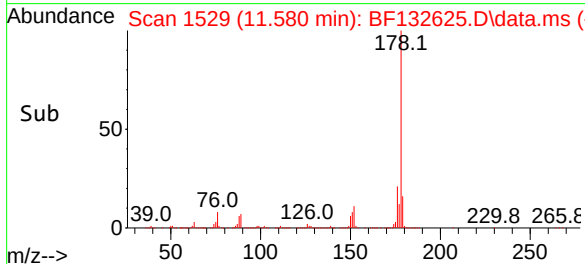
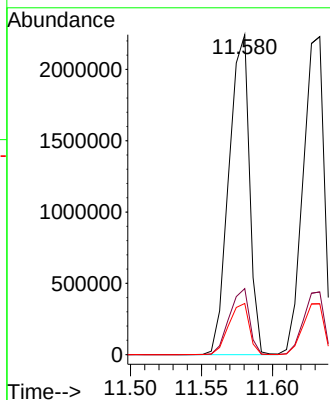
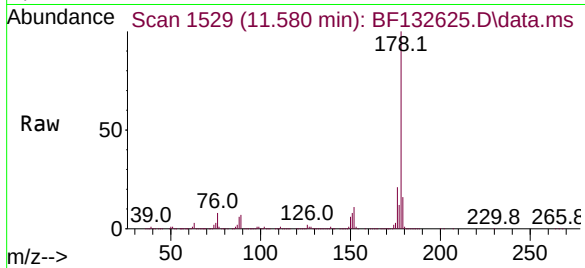
#71
Phenanthrene
Concen: 38.057 ng
RT: 11.580 min Scan# 11538
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Instrument :
BNA_F
ClientSampleId :
PB151155BS

Tgt Ion:178 Resp: 225559
Ion Ratio Lower Upper
178 100
176 20.6 16.5 24.7
179 16.0 13.0 19.6

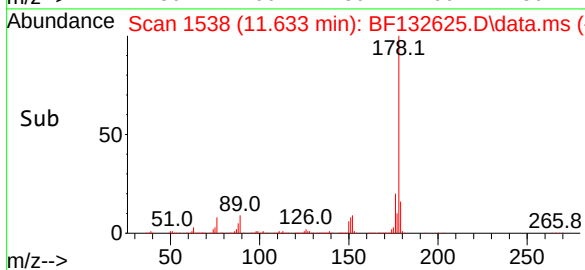
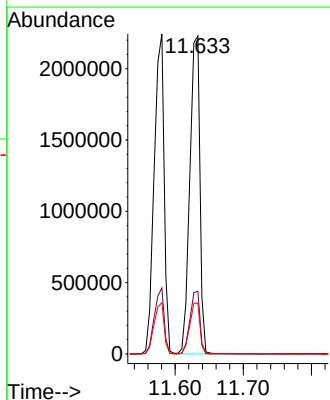
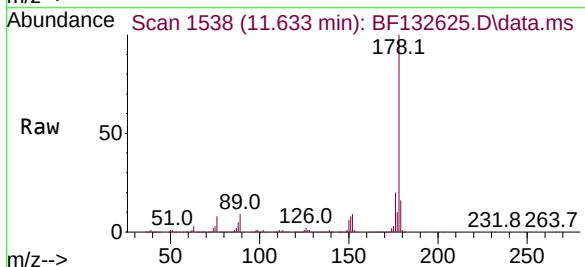
Manual Integrations
APPROVED

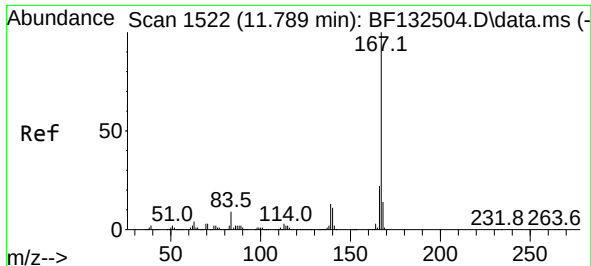
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#72
Anthracene
Concen: 37.572 ng
RT: 11.633 min Scan# 1538
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

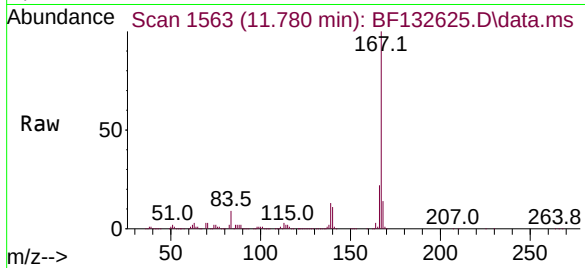
Tgt Ion:178 Resp: 2293166
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.0 12.5 18.7





#73
 Carbazole
 Concen: 38.358 ng
 RT: 11.780 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132625.D
 Acq: 03 Mar 2023 13:10

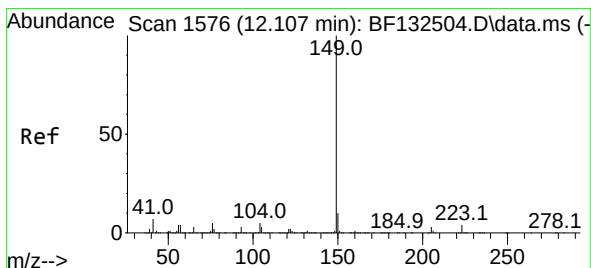
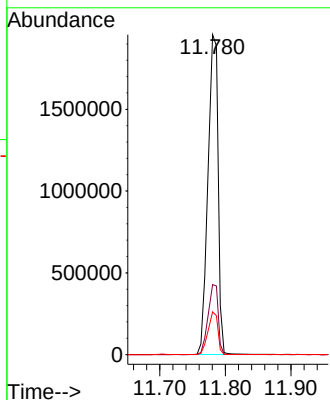
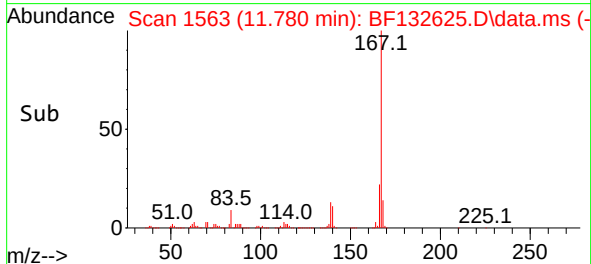
Instrument :
 BNA_F
 ClientSampleId :
 PB151155BS



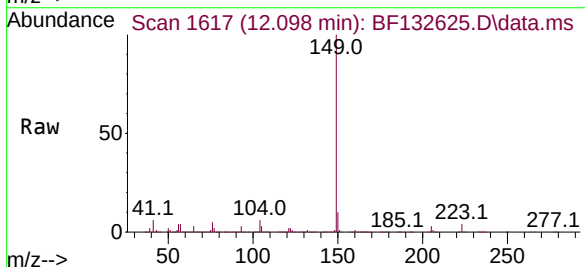
Tgt Ion:167 Resp: 2110750
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.4 10.5 15.7

Manual Integrations
 APPROVED

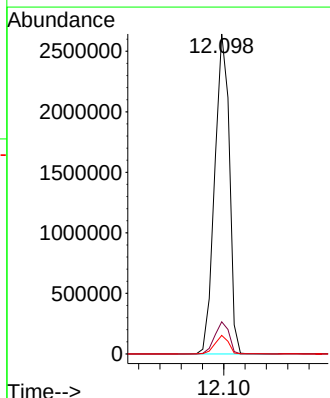
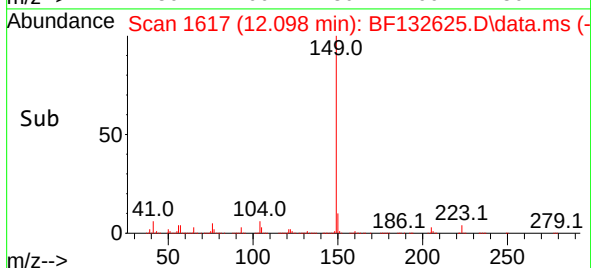
Reviewed By :Christian Giraldo 03/06/2023
 Supervised By :Jagrut Upadhyay 03/06/2023

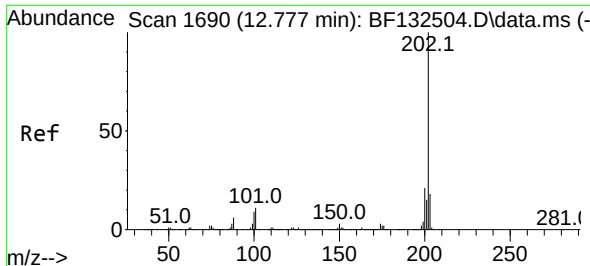


#74
 Di-n-butylphthalate
 Concen: 39.118 ng
 RT: 12.098 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: BF132625.D
 Acq: 03 Mar 2023 13:10



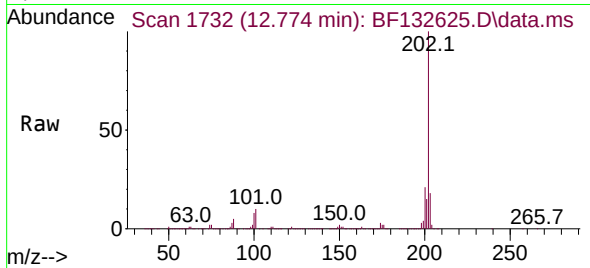
Tgt Ion:149 Resp: 2524987
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 5.8 4.3 6.5





#75
Fluoranthene
Concen: 37.095 ng
RT: 12.774 min Scan# 1732
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

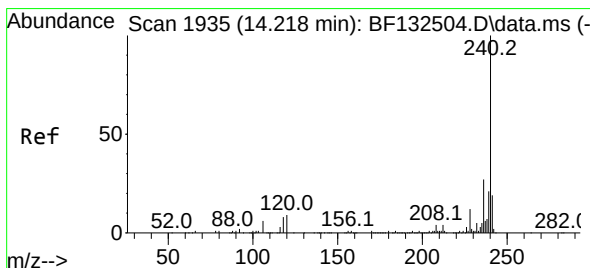
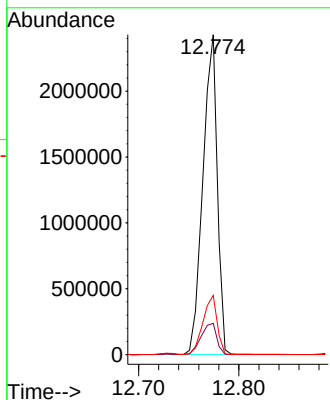
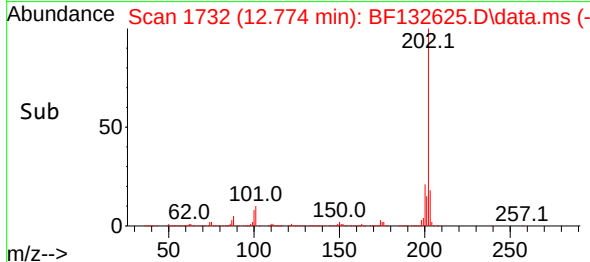
Instrument :
BNA_F
ClientSampleId :
PB151155BS



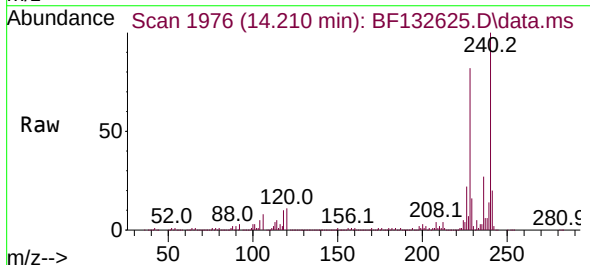
Tgt Ion:202 Resp: 2403484
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.4
203 18.5 0.0 38.0

Manual Integrations
APPROVED

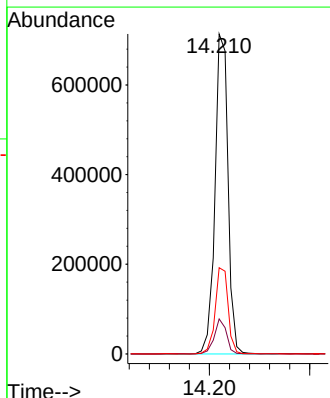
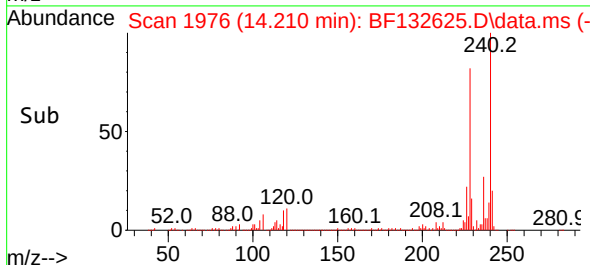
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

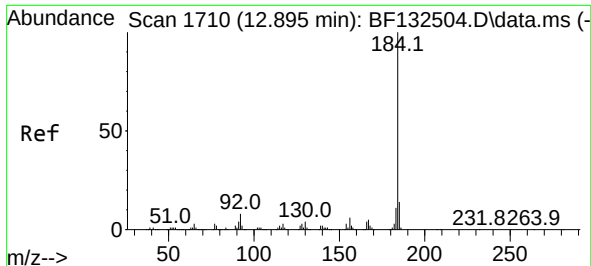


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.210 min Scan# 1976
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



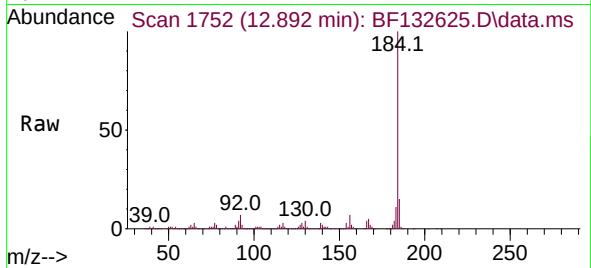
Tgt Ion:240 Resp: 644152
Ion Ratio Lower Upper
240 100
120 10.9 7.2 10.8#
236 26.9 21.8 32.6





#77
Benzidine
Concen: 84.593 ng
RT: 12.892 min Scan# 1752
Delta R.T. 0.009 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

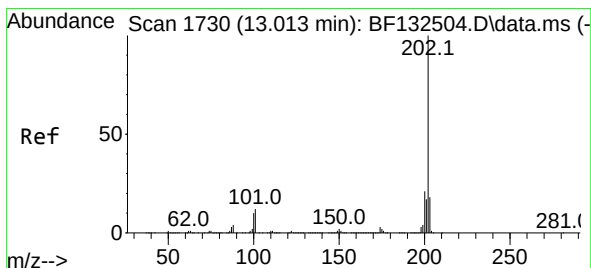
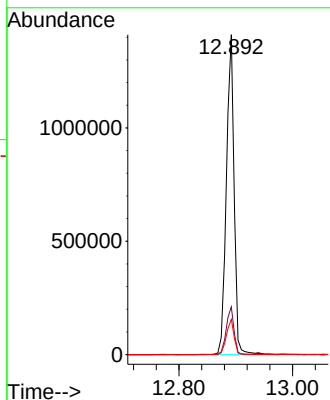
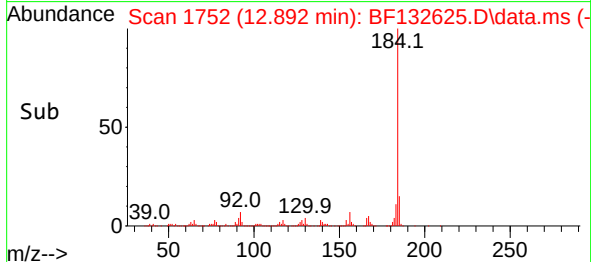
Instrument :
BNA_F
ClientSampleId :
PB151155BS



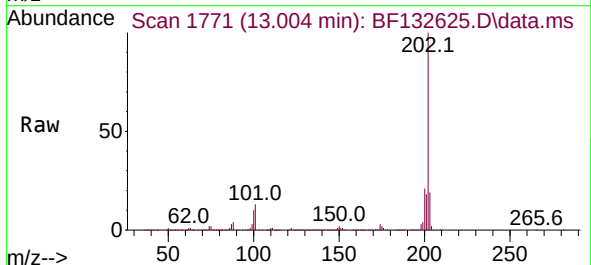
Tgt Ion:184 Resp: 1326452
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 11.0 8.7 13.1

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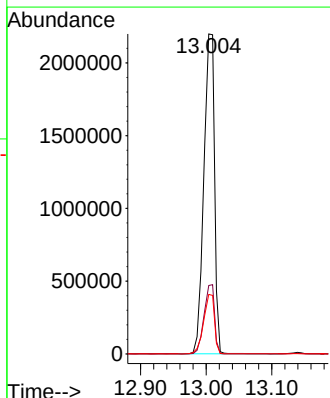
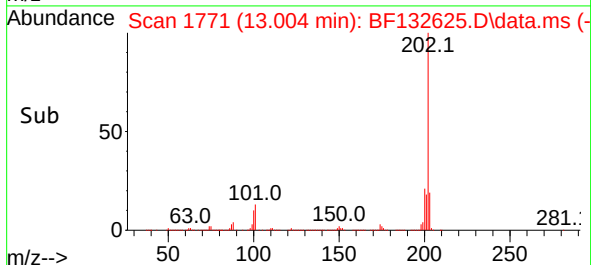
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

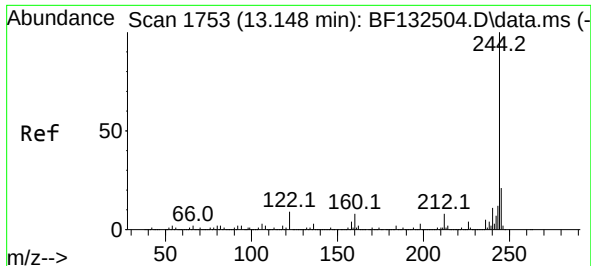


#78
Pyrene
Concen: 42.247 ng
RT: 13.004 min Scan# 1771
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



Tgt Ion:202 Resp: 2474196
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.6 14.6 21.8





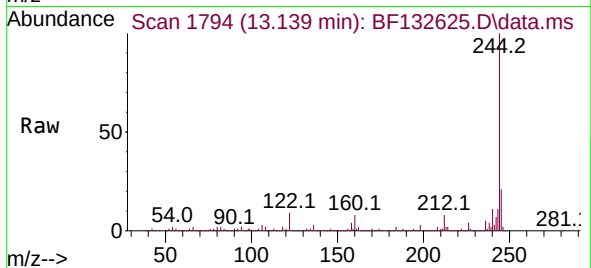
#79
Terphenyl-d14
Concen: 69.283 ng
RT: 13.139 min Scan# 1753
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

ClientSampleId :

PB151155BS

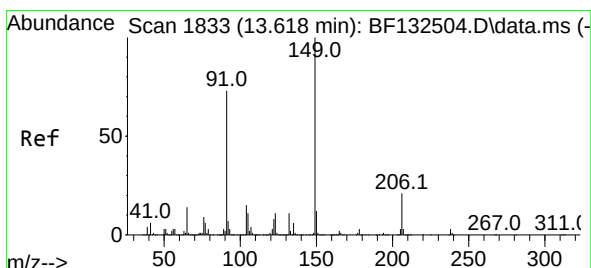
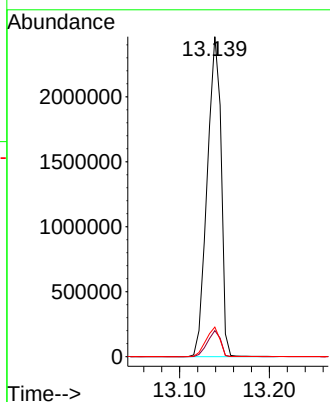
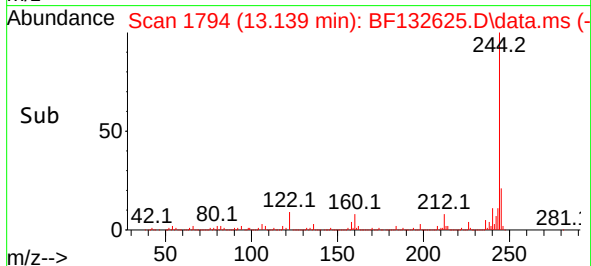


Tgt Ion:244 Resp: 263957
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 9.2 7.5 11.3

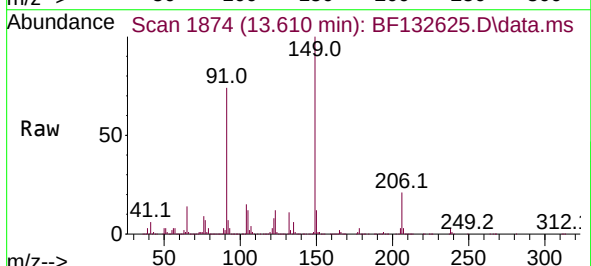
Manual Integrations

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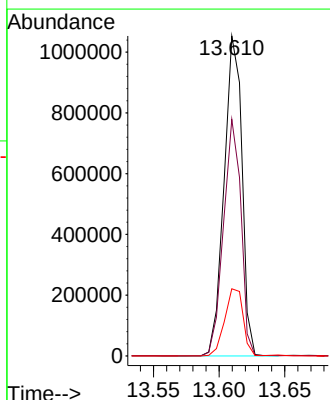
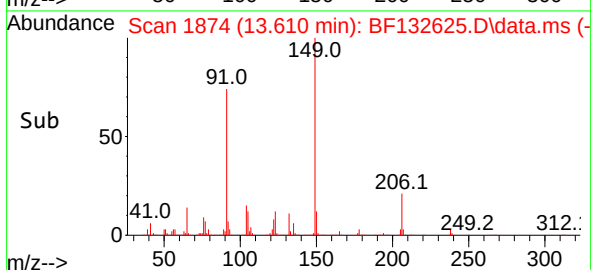
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

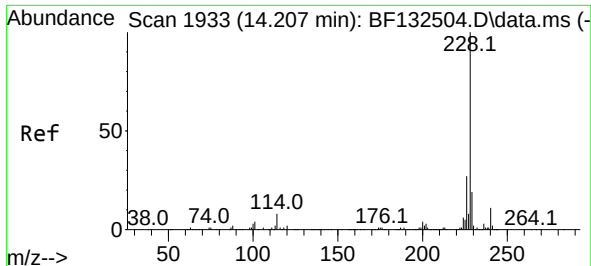


#80
Butylbenzylphthalate
Concen: 43.366 ng
RT: 13.610 min Scan# 1874
Delta R.T. -0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



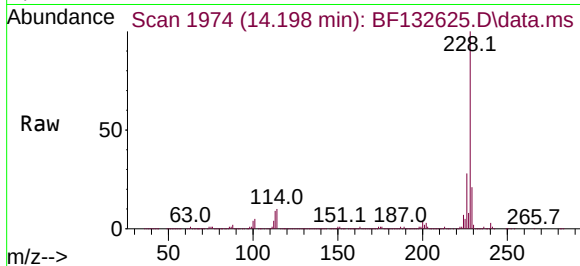
Tgt Ion:149 Resp: 1002230
Ion Ratio Lower Upper
149 100
91 73.9 58.4 87.6
206 21.0 16.8 25.2





#81
Benzo(a)anthracene
Concen: 39.854 ng
RT: 14.198 min Scan# 1933
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

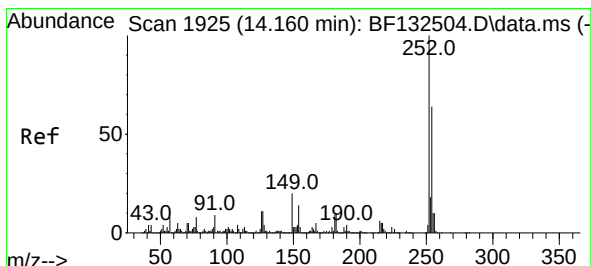
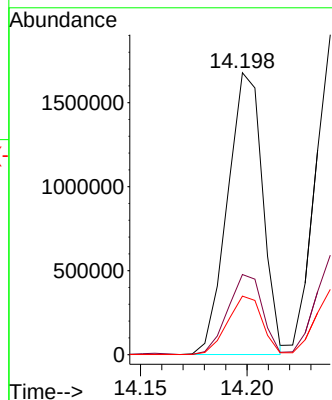
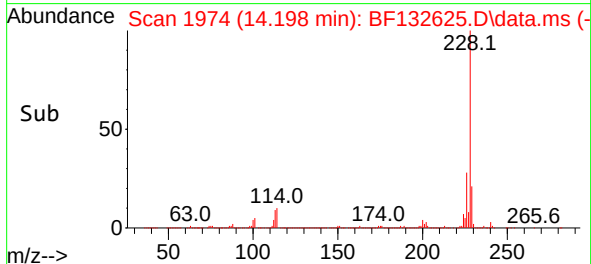
Instrument :
BNA_F
ClientSampleId :
PB151155BS



Tgt Ion:228 Resp: 192085
Ion Ratio Lower Upper
228 100
226 28.4 21.7 32.5
229 20.7 15.4 23.2

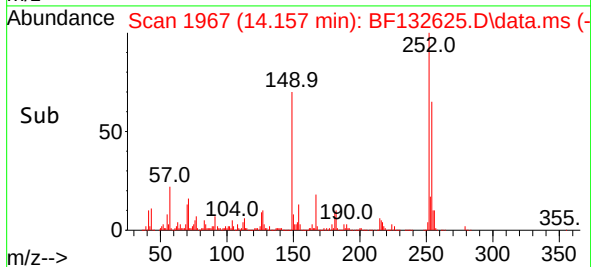
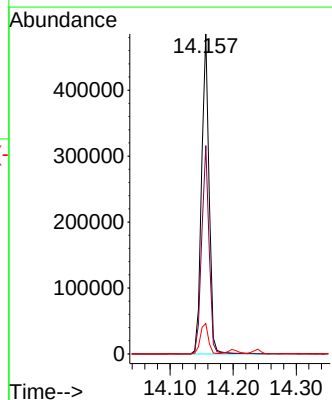
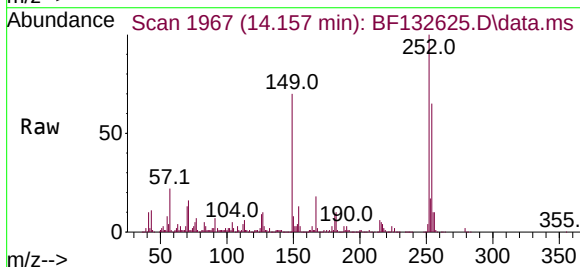
Manual Integrations
APPROVED

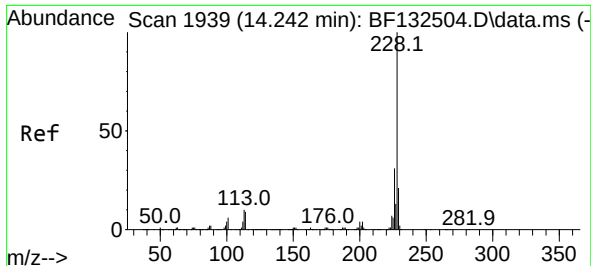
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#82
3,3'-Dichlorobenzidine
Concen: 28.227 ng
RT: 14.157 min Scan# 1967
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

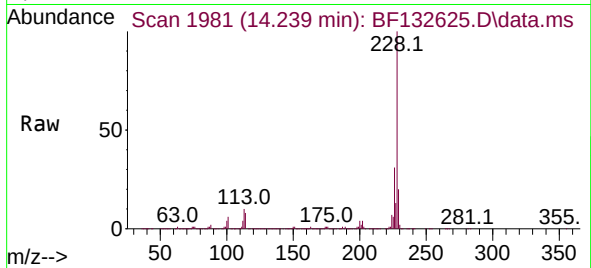
Tgt Ion:252 Resp: 401092
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.2
126 9.5 8.9 13.3





#83
Chrysene
Concen: 39.600 ng
RT: 14.239 min Scan# 1939
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

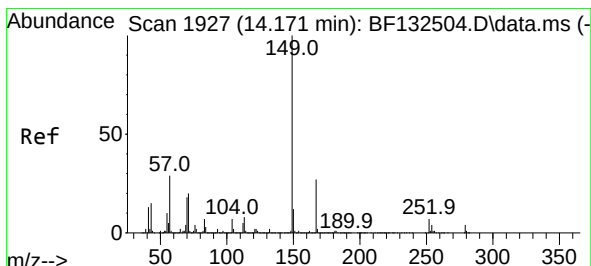
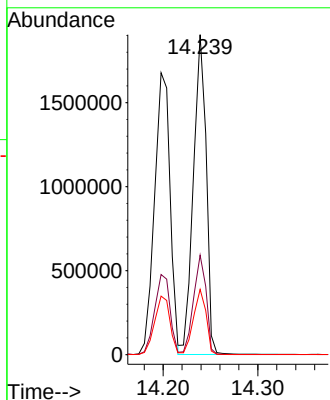
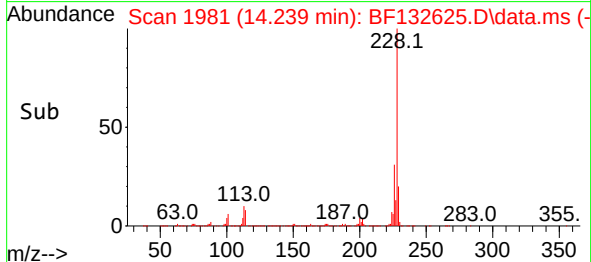
Instrument :
BNA_F
ClientSampleId :
PB151155BS



Tgt Ion:228 Resp: 1784755
Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.6
229 20.4 16.4 24.6

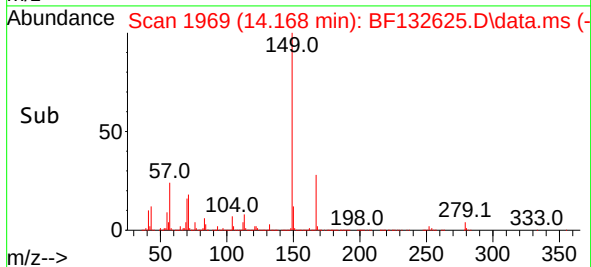
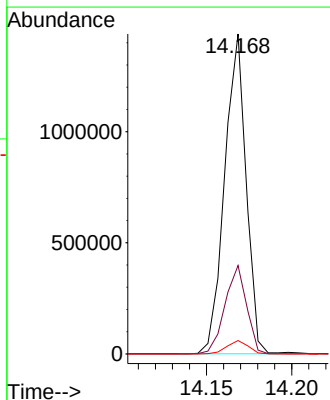
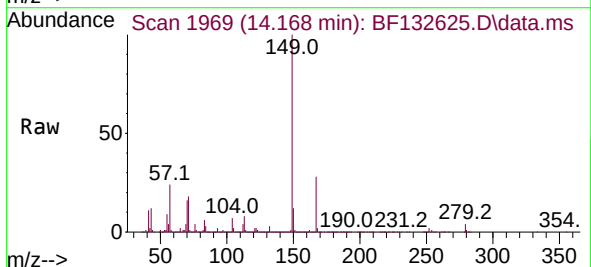
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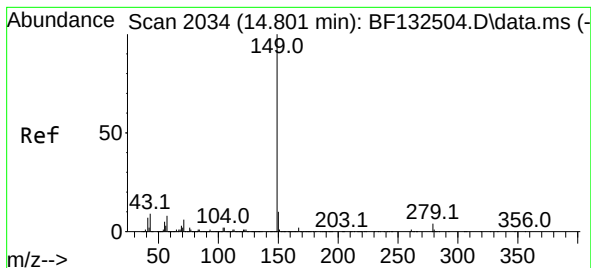
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.419 ng
RT: 14.168 min Scan# 1969
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

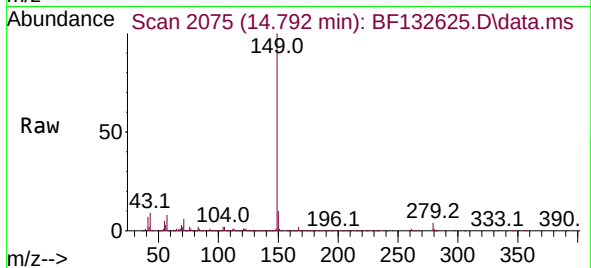
Tgt Ion:149 Resp: 1261068
Ion Ratio Lower Upper
149 100
167 27.6 21.8 32.6
279 4.2 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 45.042 ng
RT: 14.792 min Scan# 2034
Delta R.T. 0.003 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

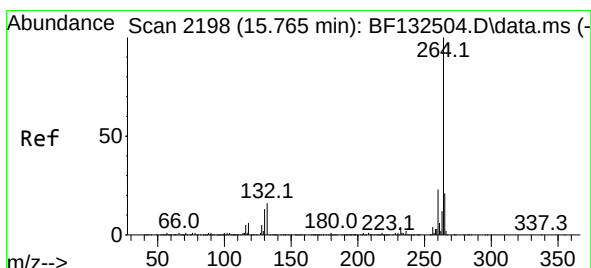
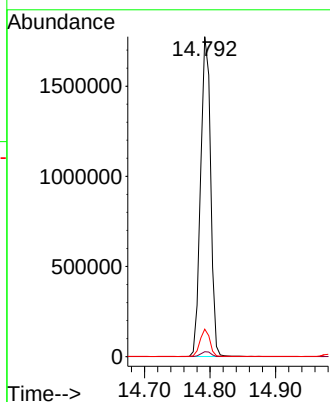
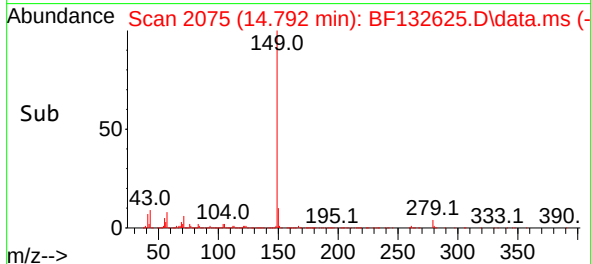
Instrument :
BNA_F
ClientSampleId :
PB151155BS



Tgt Ion:149 Resp: 1868652
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.4 7.2 10.8

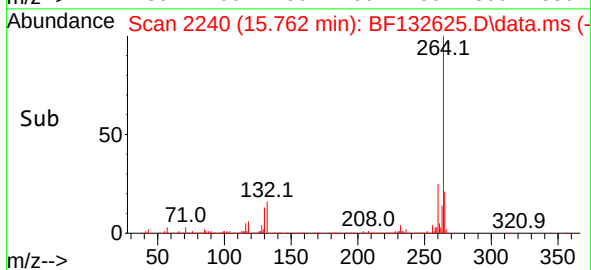
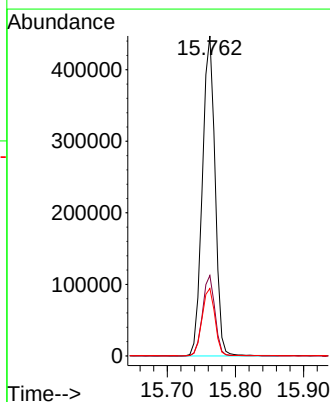
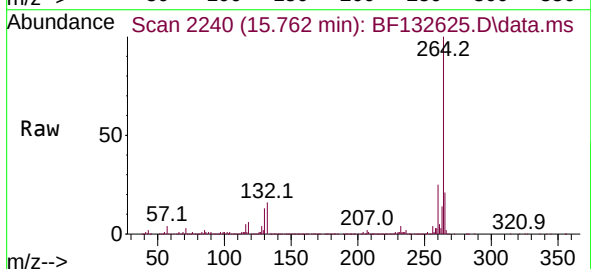
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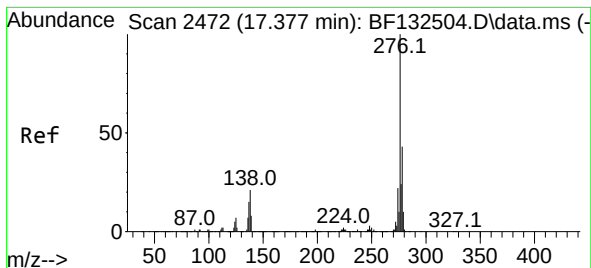
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.762 min Scan# 2240
Delta R.T. 0.009 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Tgt Ion:264 Resp: 580936
Ion Ratio Lower Upper
264 100
260 25.1 18.8 28.2
265 21.1 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.410 ng

RT: 17.374 min Scan# 2161

Delta R.T. 0.015 min

Lab File: BF132625.D

Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

ClientSampleId :

PB151155BS

Tgt Ion:276 Resp: 176661

Ion Ratio Lower Upper

276 100

138 22.5 19.0 28.4

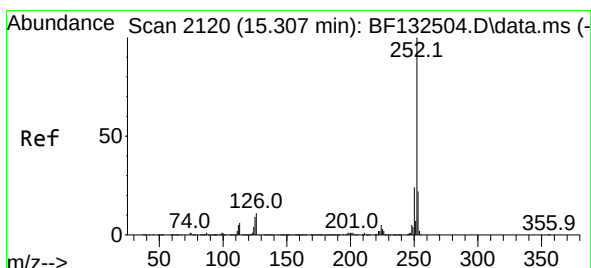
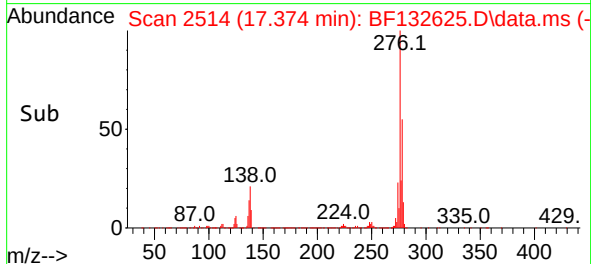
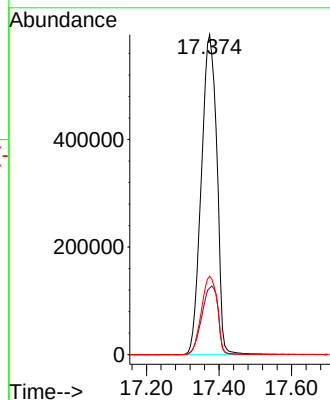
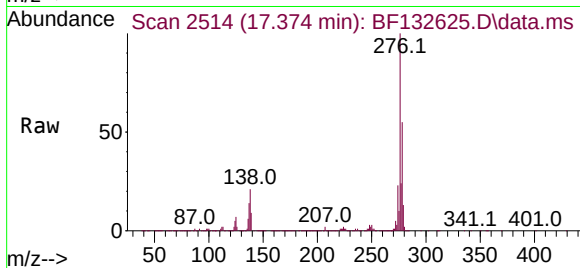
277 25.1 20.0 30.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/06/2023

Supervised By :Jagrut Upadhyay 03/06/2023



#88

Benzo(b)fluoranthene

Concen: 42.599 ng

RT: 15.298 min Scan# 2161

Delta R.T. 0.003 min

Lab File: BF132625.D

Acq: 03 Mar 2023 13:10

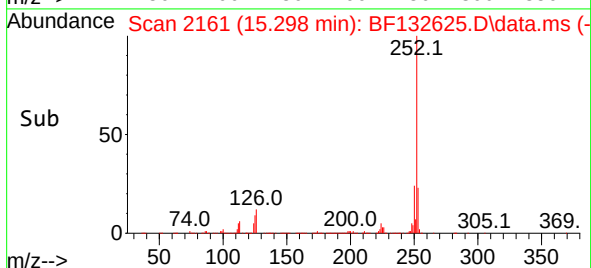
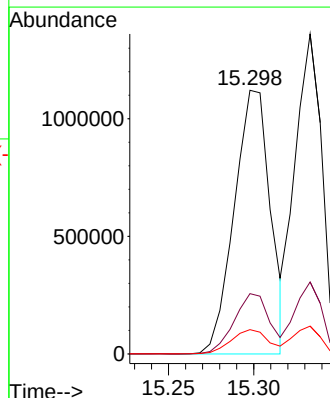
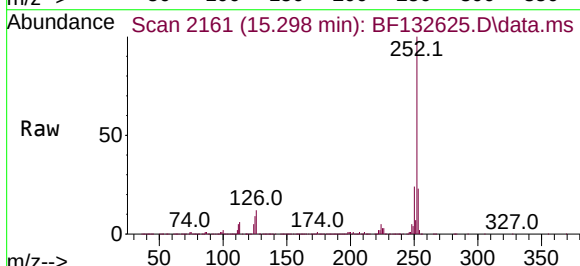
Tgt Ion:252 Resp: 1658446

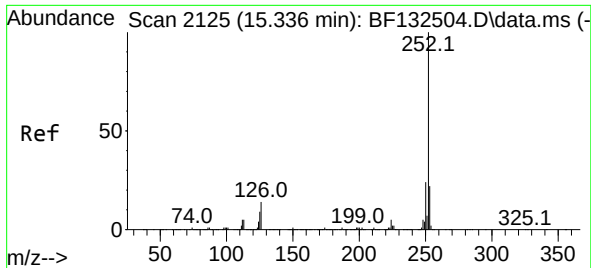
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

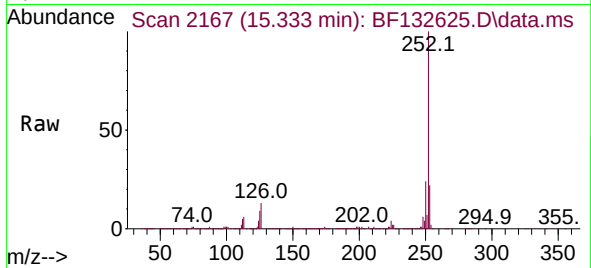
125 9.2 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 39.582 ng
RT: 15.333 min Scan# 2125
Delta R.T. 0.009 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

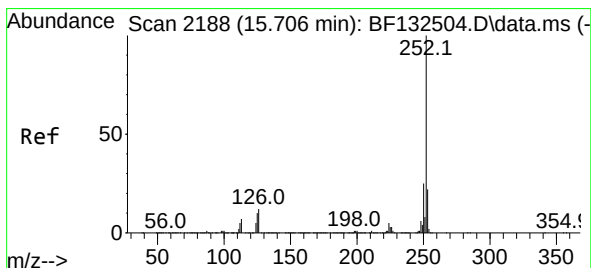
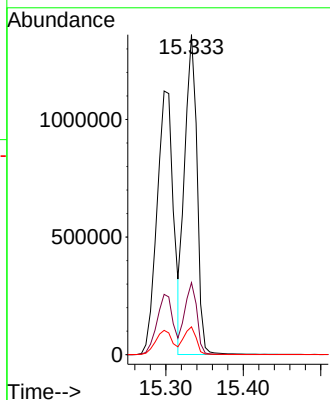
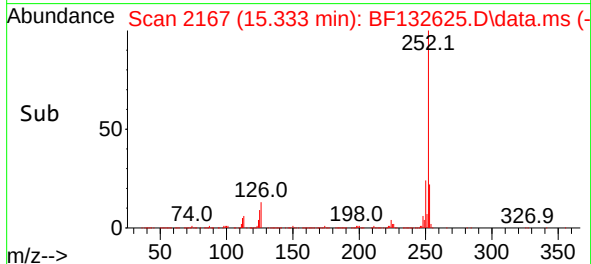
Instrument :
BNA_F
ClientSampleId :
PB151155BS



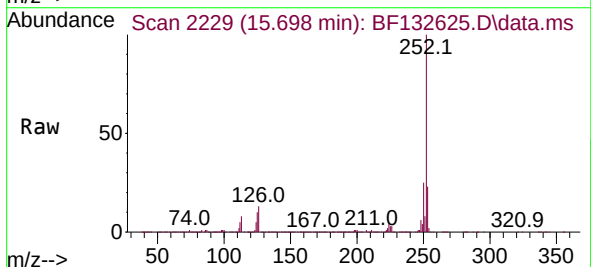
Tgt Ion:252 Resp: 1508132
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 8.7 7.2 10.8

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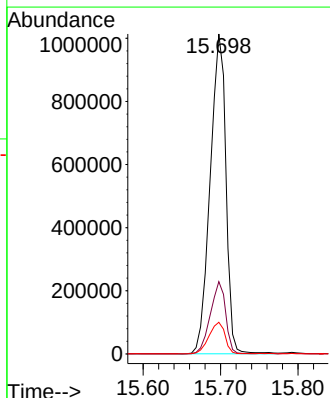
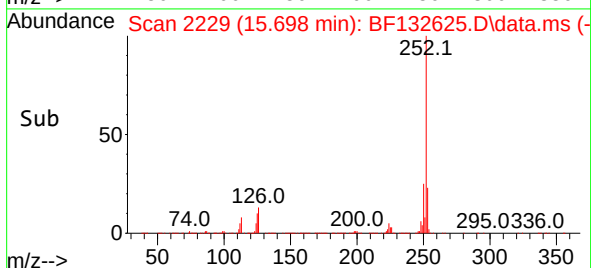
Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

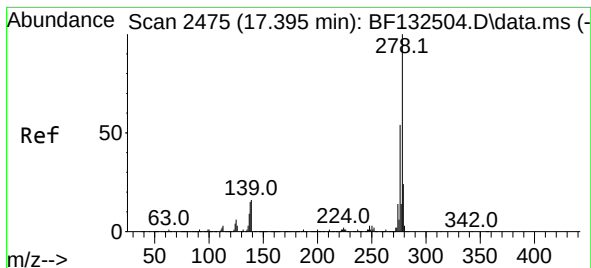


#90
Benzo(a)pyrene
Concen: 39.242 ng
RT: 15.698 min Scan# 2229
Delta R.T. 0.009 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10



Tgt Ion:252 Resp: 1429840
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 9.9 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 45.623 ng
RT: 17.392 min Scan# 21
Delta R.T. 0.015 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Instrument :

BNA_F

ClientSampleId :

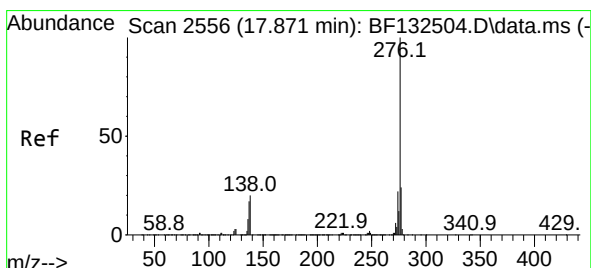
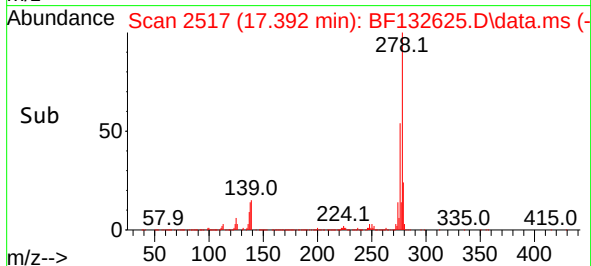
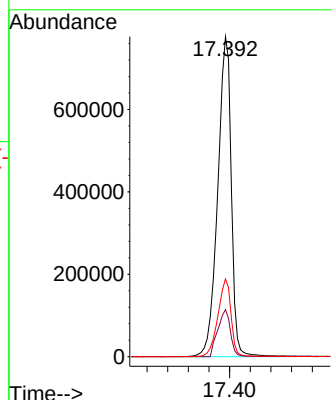
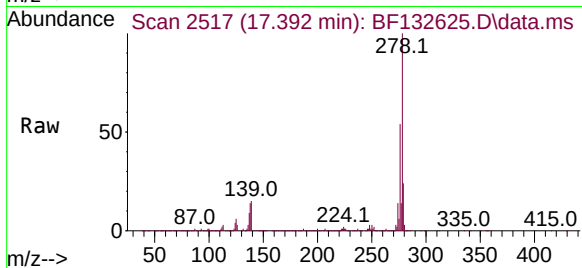
PB151155BS

Tgt Ion:278 Resp: 141497
Ion Ratio Lower Upper
278 100
139 14.7 13.0 19.4
279 24.3 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: 34.059 ng
RT: 17.868 min Scan# 2598
Delta R.T. 0.015 min
Lab File: BF132625.D
Acq: 03 Mar 2023 13:10

Tgt Ion:276 Resp: 1176753
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 17.6 16.2 24.4

