

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
 Data File : BF132505.D
 Acq On : 22 Feb 2023 14:52
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/23/2023
 Supervised By : Jagrut Upadhyay 02/23/2023

Quant Time: Feb 23 00:27:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:06:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.013	152	221468	20.000	ng	0.00
21) Naphthalene-d8	8.301	136	773966	20.000	ng	0.00
39) Acenaphthene-d10	10.060	164	408568	20.000	ng	0.00
64) Phenanthrene-d10	11.560	188	775561	20.000	ng	0.00
76) Chrysene-d12	14.218	240	450337	20.000	ng	0.00
86) Perylene-d12	15.765	264	421871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.642	112	1253550	91.863	ng	0.00
7) Phenol-d6	6.648	99	1615520	90.713	ng	0.00
23) Nitrobenzene-d5	7.584	82	1539588	94.377	ng	0.00
42) 2,4,6-Tribromophenol	10.860	330	412353	93.454	ng	0.00
45) 2-Fluorobiphenyl	9.378	172	2272247	84.683	ng	0.00
79) Terphenyl-d14	13.148	244	2582881	96.972	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.896	88	369053	48.892	ng	100
3) Pyridine	3.672	79	978840	48.853	ng	100
4) n-Nitrosodimethylamine	3.643	42	378460	50.006	ng	94
6) Aniline	6.678	93	1156292	48.246	ng	100
8) 2-Chlorophenol	6.801	128	647406	45.712	ng	98
9) Benzaldehyde	6.566	77	424165	44.139	ng	98
10) Phenol	6.660	94	934601	45.774	ng	97
11) bis(2-Chloroethyl)ether	6.748	93	743317	47.159	ng	97
12) 1,3-Dichlorobenzene	6.954	146	700624	46.099	ng	98
13) 1,4-Dichlorobenzene	7.031	146	696962	45.926	ng	99
14) 1,2-Dichlorobenzene	7.189	146	624267	42.863	ng	97
15) Benzyl Alcohol	7.154	79	649652	47.366	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.284	45	915481	45.547	ng	94
17) 2-Methylphenol	7.266	107	614695	46.505	ng	99
18) Hexachloroethane	7.525	117	277667	46.833	ng	96
19) n-Nitroso-di-n-propyla...	7.431	70	486890	44.423	ng	96
20) 3+4-Methylphenols	7.419	107	686417	40.197	ng	92
22) Acetophenone	7.425	105	877822	44.980	ng	# 95
24) Nitrobenzene	7.601	77	825651	47.324	ng	96
25) Isophorone	7.836	82	1464951	46.839	ng	99
26) 2-Nitrophenol	7.913	139	373474	48.517	ng	98
27) 2,4-Dimethylphenol	7.948	122	562204	46.275	ng	97
28) bis(2-Chloroethoxy)met...	8.042	93	858721	46.935	ng	99
29) 2,4-Dichlorophenol	8.160	162	570943	47.242	ng	99
30) 1,2,4-Trichlorobenzene	8.236	180	616534	46.981	ng	100
31) Naphthalene	8.325	128	1798337	45.387	ng	99
32) Benzoic acid	8.084	122	476861m	50.515	ng	
33) 4-Chloroaniline	8.372	127	802728	47.278	ng	96
34) Hexachlorobutadiene	8.431	225	398478	47.784	ng	99
35) Caprolactam	8.760	113	193851	49.722	ng	92
36) 4-Chloro-3-methylphenol	8.854	107	627810	47.302	ng	97
37) 2-Methylnaphthalene	9.013	142	1229939	45.550	ng	98
38) 1-Methylnaphthalene	9.113	142	1152139	45.657	ng	100
40) 1,2,4,5-Tetrachloroben...	9.178	216	630958	47.201	ng	100
41) Hexachlorocyclopentadiene	9.166	237	385888	53.223	ng	98
43) 2,4,6-Trichlorophenol	9.295	196	433523	47.855	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.342	196	506509	47.905	ng	98
46) 1,1'-Biphenyl	9.478	154	1417559	45.840	ng	99
47) 2-Chloronaphthalene	9.507	162	1132866	46.206	ng	99
48) 2-Nitroaniline	9.601	65	434345	48.100	ng	99
49) Acenaphthylene	9.925	152	1811542	46.425	ng	100
50) Dimethylphthalate	9.778	163	1385118	46.560	ng	100
51) 2,6-Dinitrotoluene	9.842	165	325895	48.103	ng	94
52) Acenaphthene	10.101	154	1153158	47.278	ng	100
53) 3-Nitroaniline	10.019	138	367243	48.457	ng	96
54) 2,4-Dinitrophenol	10.125	184	212489	50.468	ng	90
55) Dibenzofuran	10.272	168	1632454	45.193	ng	98
56) 4-Nitrophenol	10.177	139	284416	50.322	ng	95
57) 2,4-Dinitrotoluene	10.248	165	435296	48.295	ng	96
58) Fluorene	10.613	166	1241831	44.945	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.389	232	382138	48.654	ng	99
60) Diethylphthalate	10.477	149	1366608	47.036	ng	100
61) 4-Chlorophenyl-phenyle...	10.601	204	647652	45.185	ng	99
62) 4-Nitroaniline	10.642	138	357575	48.321	ng	98
63) Azobenzene	10.766	77	1444887	46.957	ng	98
65) 4,6-Dinitro-2-methylph...	10.660	198	271718	51.754	ng	92
66) n-Nitrosodiphenylamine	10.725	169	1124585	46.511	ng	98
67) 4-Bromophenyl-phenylether	11.095	248	415225	47.331	ng	96
68) Hexachlorobenzene	11.166	284	434391	47.058	ng	97
69) Atrazine	11.248	200	351707	46.594	ng	98
70) Pentachlorophenol	11.360	266	285969	52.838	ng	99
71) Phenanthrene	11.583	178	1839892	45.794	ng	99
72) Anthracene	11.636	178	1901684	45.963	ng	99
73) Carbazole	11.789	167	1706055	45.735	ng	100
74) Di-n-butylphthalate	12.107	149	2018772	46.136	ng	100
75) Fluoranthene	12.777	202	2005584	45.662	ng	99
77) Benzidine	12.895	184	600883	54.813	ng	99
78) Pyrene	13.013	202	2033178	49.658	ng	100
80) Butylbenzylphthalate	13.618	149	805030	49.825	ng	98
81) Benzo(a)anthracene	14.207	228	1613469	47.884	ng	98
82) 3,3'-Dichlorobenzidine	14.165	252	470004	47.313	ng	# 99
83) Chrysene	14.242	228	1479146	46.943	ng	100
84) Bis(2-ethylhexyl)phtha...	14.171	149	966676	48.703	ng	100
85) Di-n-octyl phthalate	14.801	149	1407480	48.527	ng	100
87) Indeno(1,2,3-cd)pyrene	17.383	276	1472655	53.274	ng	99
88) Benzo(b)fluoranthene	15.307	252	1310869	46.367	ng	98
89) Benzo(k)fluoranthene	15.336	252	1273899	46.040	ng	99
90) Benzo(a)pyrene	15.707	252	1271871	48.068	ng	99
91) Dibenzo(a,h)anthracene	17.401	278	1193618	52.997	ng	99
92) Benzo(g,h,i)perylene	17.877	276	1249446	49.052	ng	98

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

Manual Integrations APPROVED

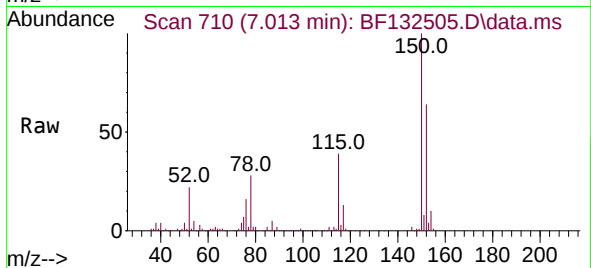
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.013 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

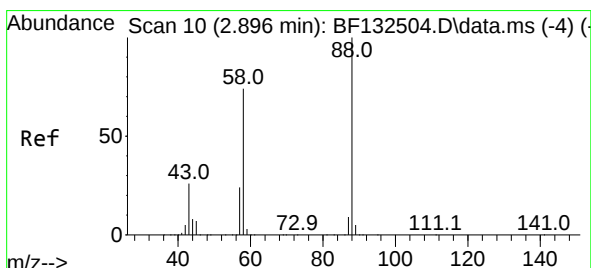
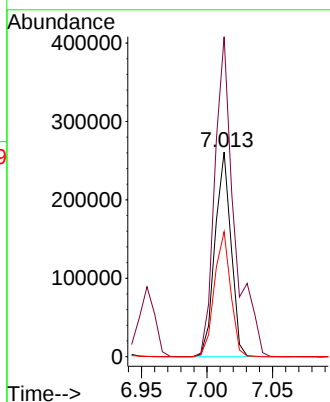
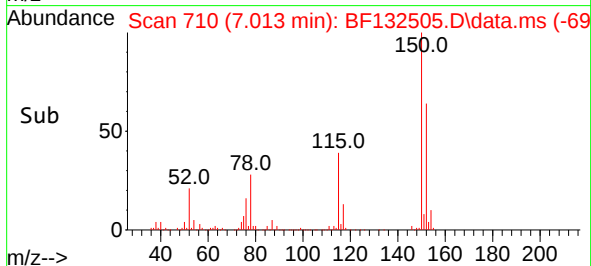
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 221468
Ion Ratio Lower Upper
152 100
150 156.4 125.4 188.2
115 61.0 47.8 71.6

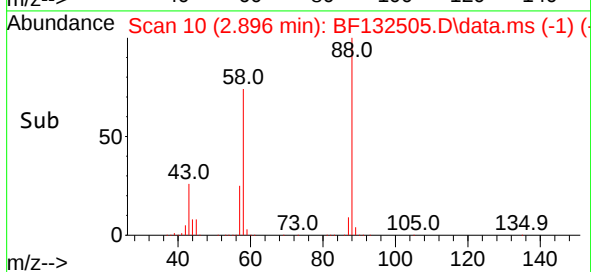
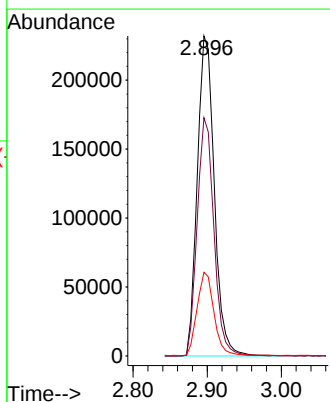
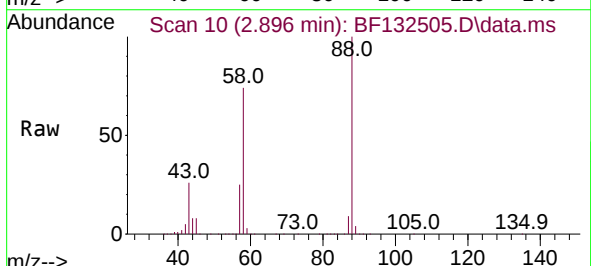
Manual Integrations
APPROVED

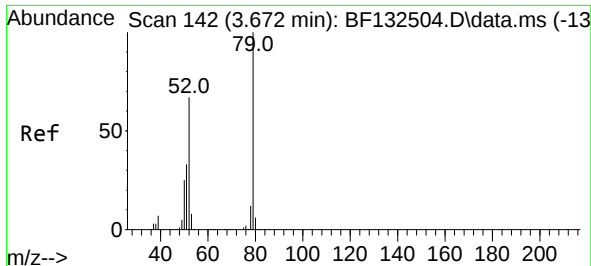
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#2
1,4-Dioxane
Concen: 48.892 ng
RT: 2.896 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

Tgt Ion: 88 Resp: 369053
Ion Ratio Lower Upper
88 100
58 73.2 58.3 87.5
43 25.7 20.7 31.1





#3

Pyridine

Concen: 48.853 ng

RT: 3.672 min Scan# 142

Delta R.T. 0.000 min

Lab File: BF132505.D

Acq: 22 Feb 2023 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 978840

Ion Ratio Lower Upper

79 100

52 67.1 53.7 80.5

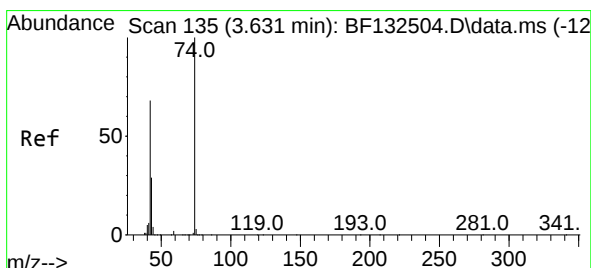
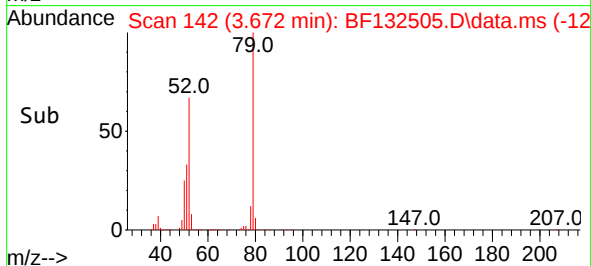
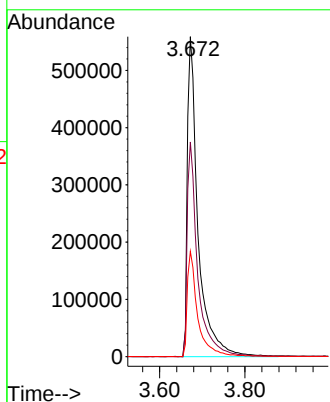
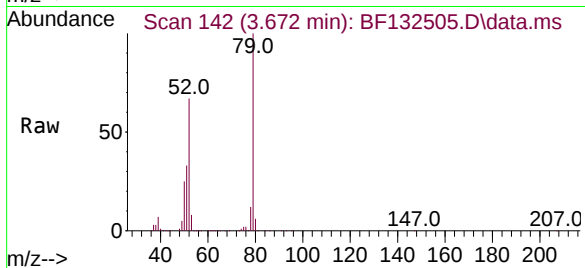
51 32.9 26.6 40.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#4

n-Nitrosodimethylamine

Concen: 50.006 ng

RT: 3.643 min Scan# 137

Delta R.T. 0.012 min

Lab File: BF132505.D

Acq: 22 Feb 2023 14:52

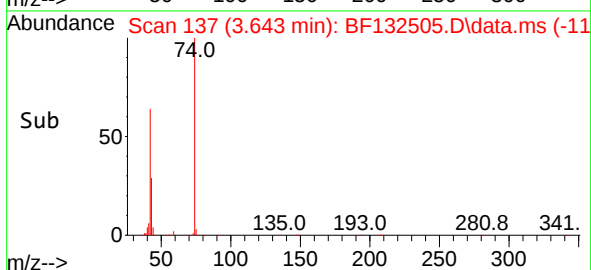
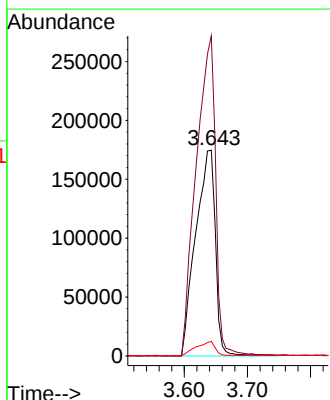
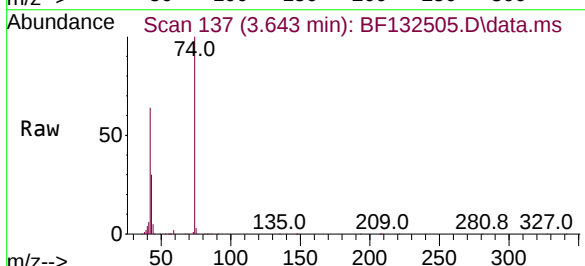
Tgt Ion: 42 Resp: 378460

Ion Ratio Lower Upper

42 100

74 155.6 118.2 177.2

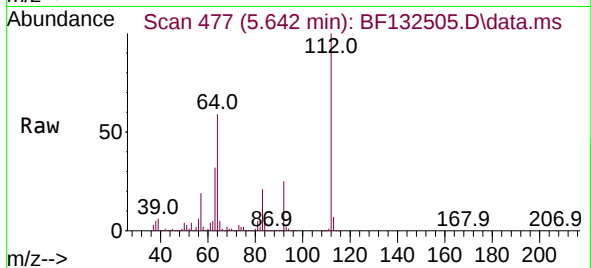
44 7.0 5.3 7.9





#5
2-Fluorophenol
Concen: 91.863 ng
RT: 5.642 min Scan# 476
Delta R.T. 0.006 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

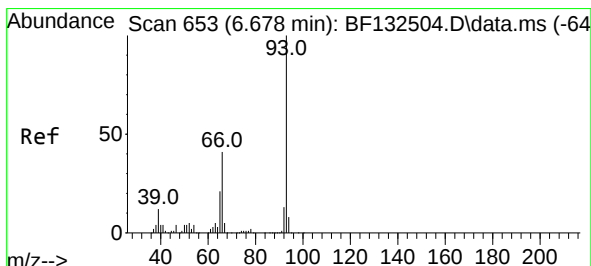
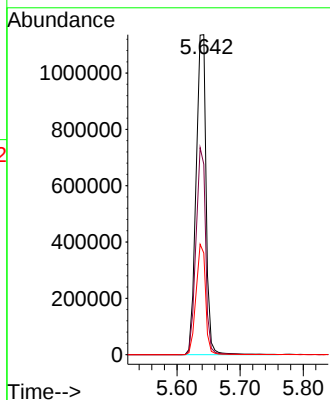
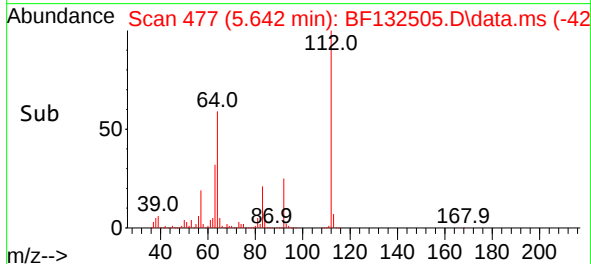
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 112 Resp: 1253550
Ion Ratio Lower Upper
112 100
64 59.5 51.6 77.4
63 31.7 27.4 41.2

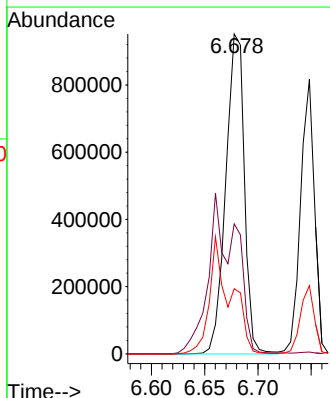
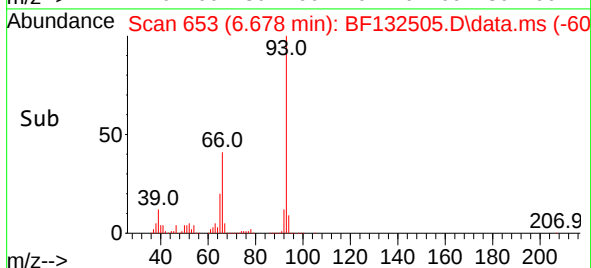
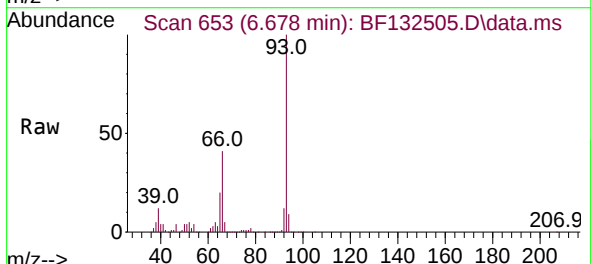
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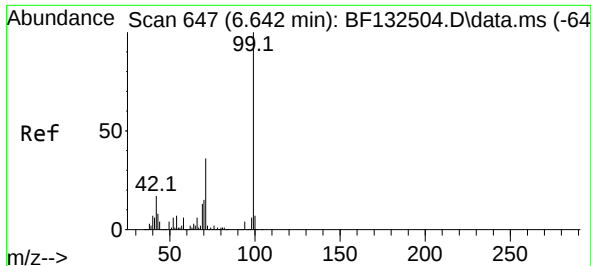
Reviewed By :Christian Giraldo 02/23/2023
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#6
Aniline
Concen: 48.246 ng
RT: 6.678 min Scan# 653
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

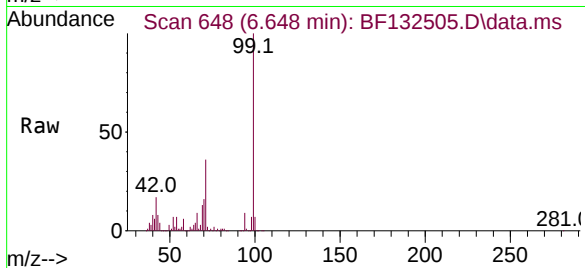
Tgt Ion: 93 Resp: 1156292
Ion Ratio Lower Upper
93 100
66 40.6 32.5 48.7
65 20.4 16.6 24.8





#7
Phenol-d6
Concen: 90.713 ng
RT: 6.648 min Scan# 647
Delta R.T. 0.006 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

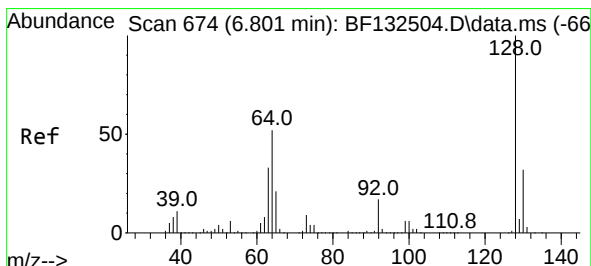
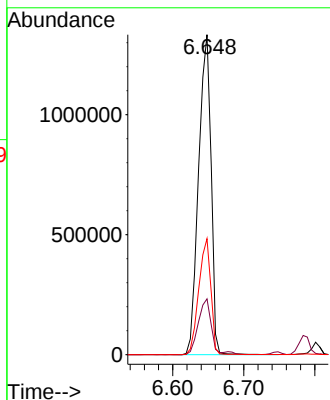
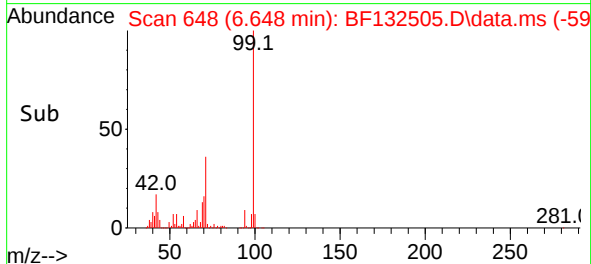
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 1615520
Ion Ratio Lower Upper
99 100
42 17.4 13.9 20.9
71 36.2 28.5 42.7

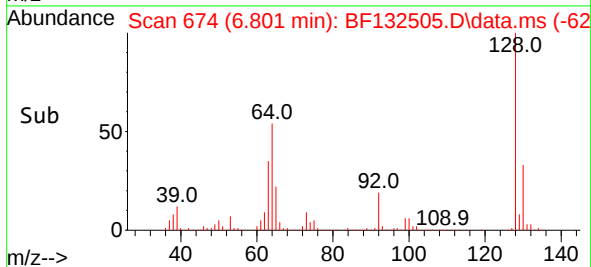
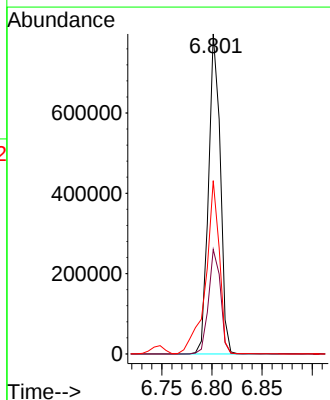
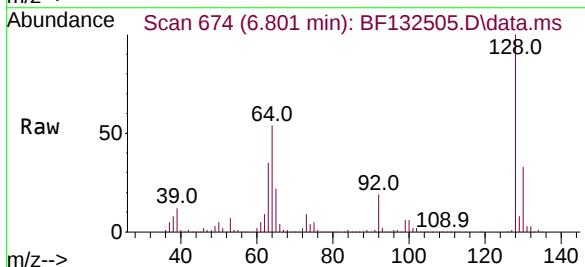
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#8
2-Chlorophenol
Concen: 45.712 ng
RT: 6.801 min Scan# 674
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

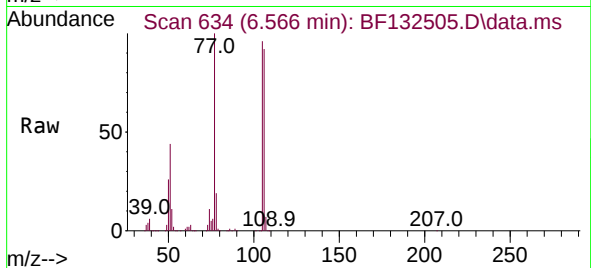
Tgt Ion:128 Resp: 647406
Ion Ratio Lower Upper
128 100
130 32.6 12.1 52.1
64 54.1 32.0 72.0





#9
Benzaldehyde
Concen: 44.139 ng
RT: 6.566 min Scan# 634
Delta R.T. -0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

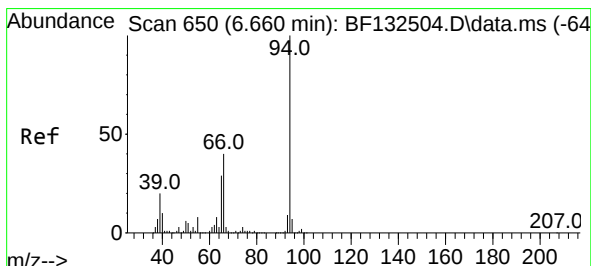
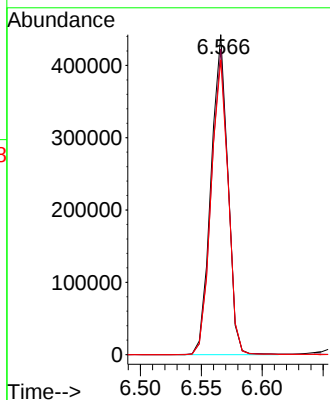
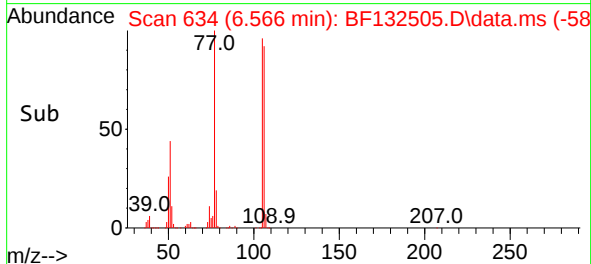
Instrument :
BNA_F
Client Sample Id :
SSTDICC050



Tgt Ion: 77 Resp: 424165
Ion Ratio Lower Upper
77 100
105 95.5 77.9 117.9
106 92.1 73.4 113.4

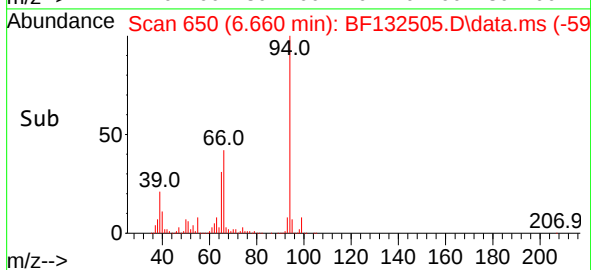
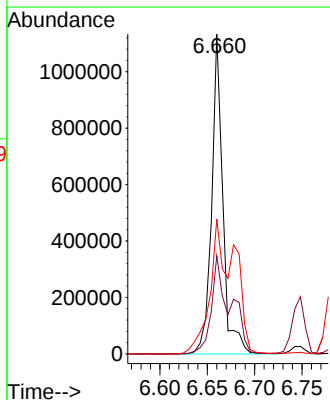
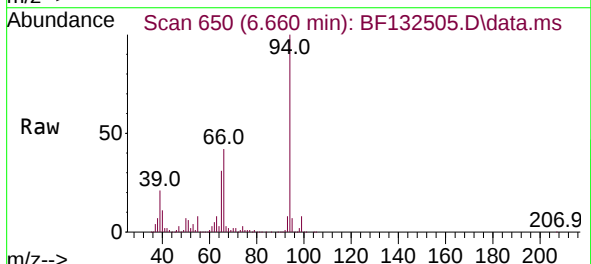
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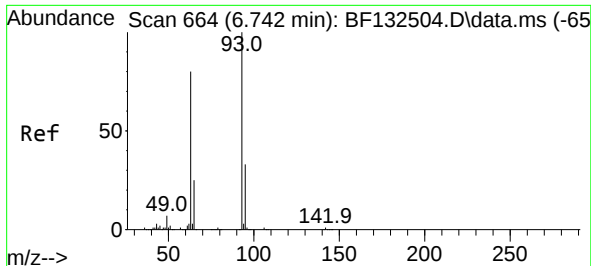
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#10
Phenol
Concen: 45.774 ng
RT: 6.660 min Scan# 650
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

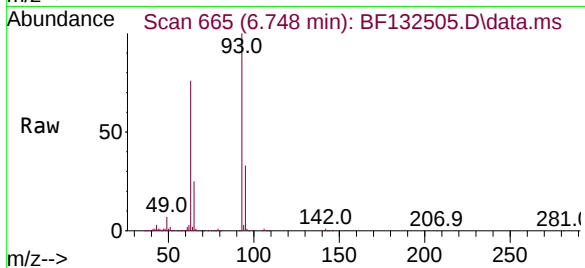
Tgt Ion: 94 Resp: 934601
Ion Ratio Lower Upper
94 100
65 30.7 9.4 49.4
66 42.1 19.8 59.8





#11
bis(2-Chloroethyl)ether
Concen: 47.159 ng
RT: 6.748 min Scan# 60
Delta R.T. 0.006 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

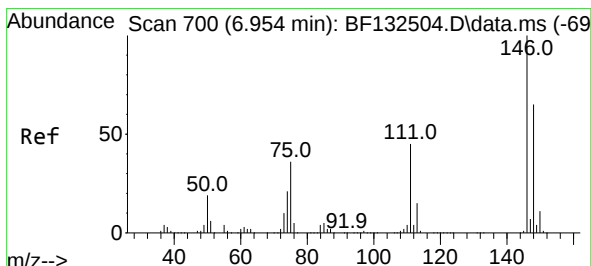
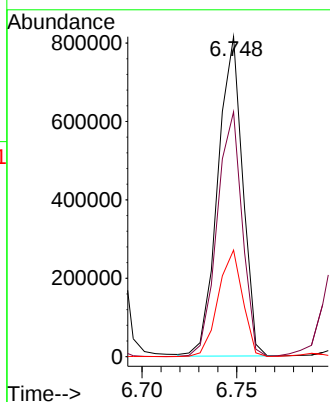
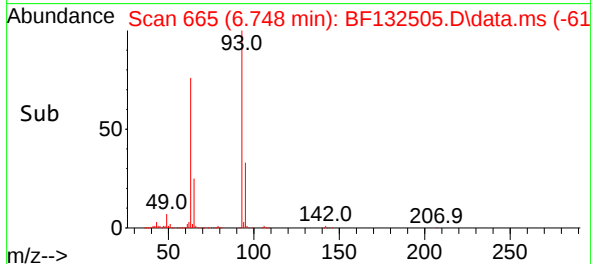
Instrument :
BNA_F
Client Sample Id :
SSTDICC050



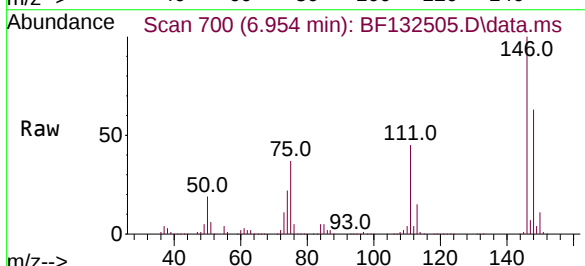
Tgt Ion: 93 Resp: 743317
Ion Ratio Lower Upper
93 100
63 76.5 59.6 99.6
95 33.3 12.8 52.8

Manual Integrations
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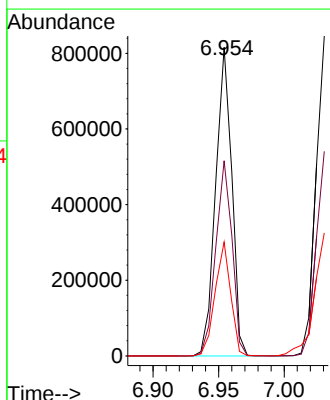
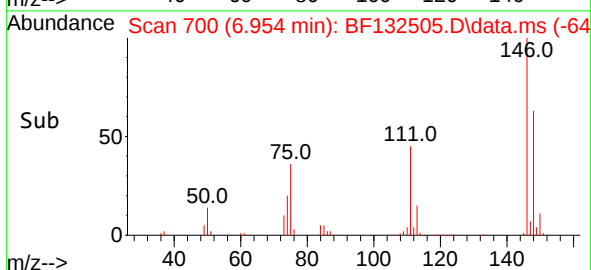
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

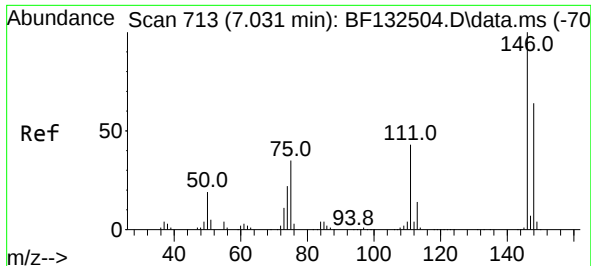


#12
1,3-Dichlorobenzene
Concen: 46.099 ng
RT: 6.954 min Scan# 700
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



Tgt Ion:146 Resp: 700624
Ion Ratio Lower Upper
146 100
148 63.3 51.9 77.9
75 36.9 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 45.926 ng

RT: 7.031 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132505.D

Acq: 22 Feb 2023 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 696962

Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

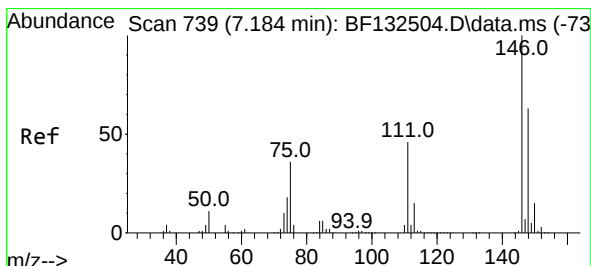
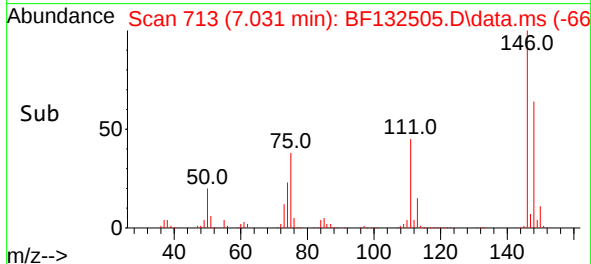
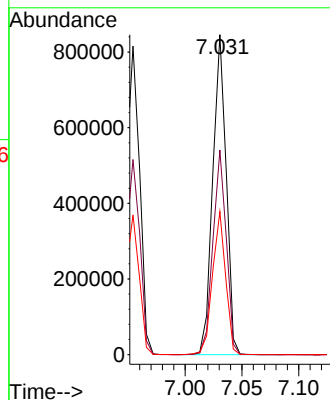
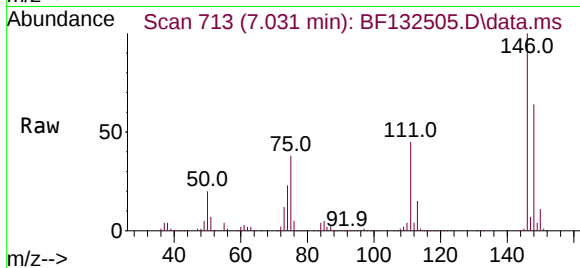
111 44.7 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#14

1,2-Dichlorobenzene

Concen: 42.863 ng

RT: 7.189 min Scan# 740

Delta R.T. 0.005 min

Lab File: BF132505.D

Acq: 22 Feb 2023 14:52

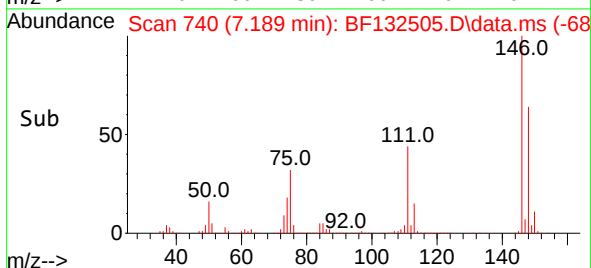
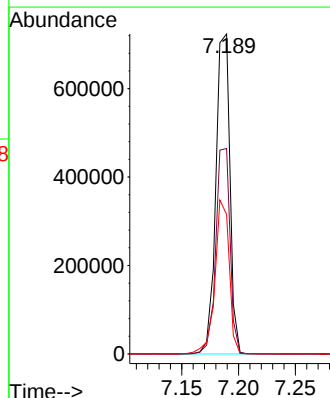
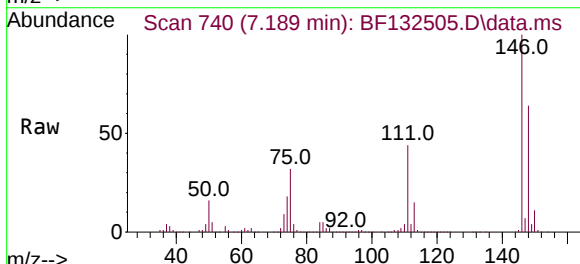
Tgt Ion:146 Resp: 624267

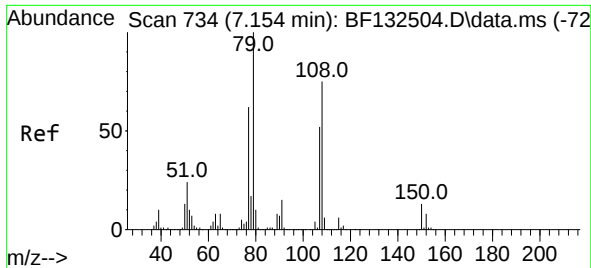
Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

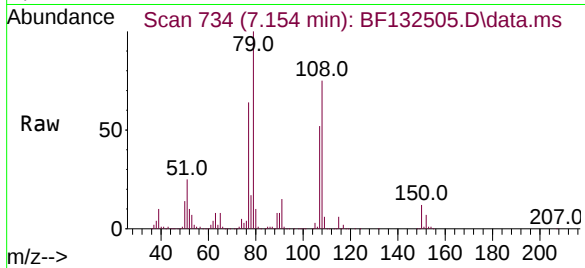
111 43.6 37.2 55.8





#15
Benzyl Alcohol
Concen: 47.366 ng
RT: 7.154 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

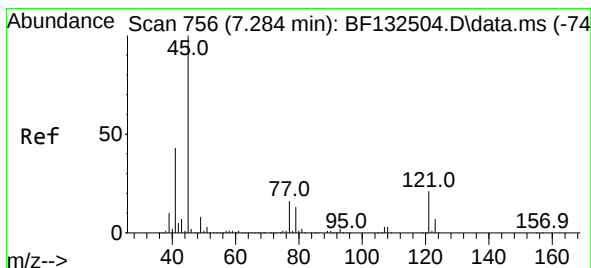
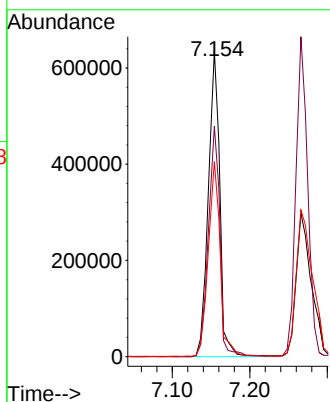
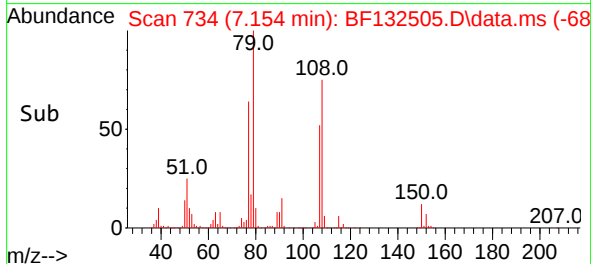
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



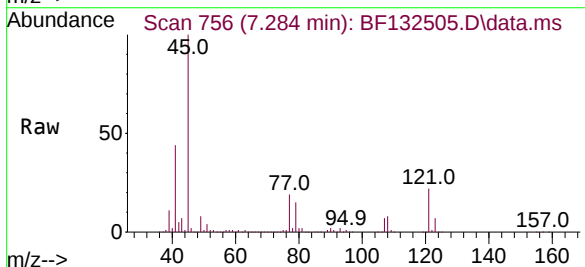
Tgt Ion: 79 Resp: 649652
Ion Ratio Lower Upper
79 100
108 75.3 60.2 90.4
77 63.8 49.9 74.9

Manual Integrations
APPROVED

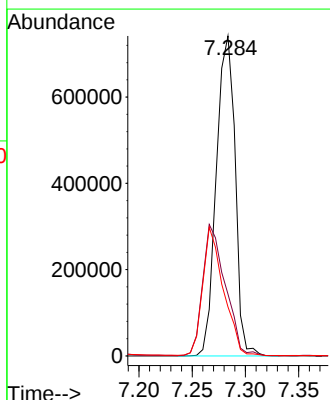
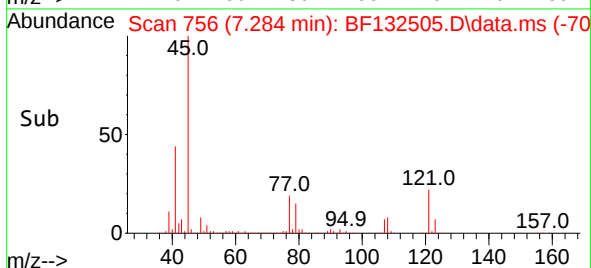
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

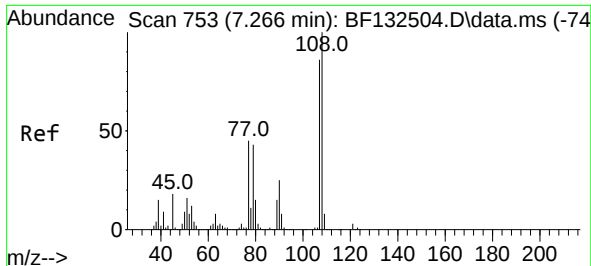


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.547 ng
RT: 7.284 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



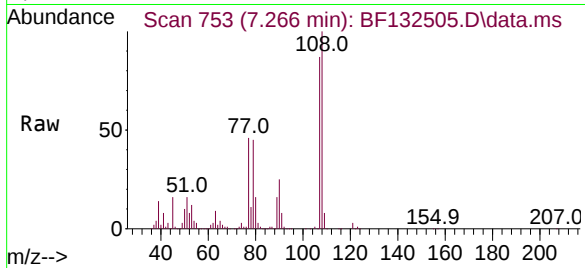
Tgt Ion: 45 Resp: 915481
Ion Ratio Lower Upper
45 100
77 19.3 0.0 36.4
79 15.3 0.0 33.4





#17
2-Methylphenol
Concen: 46.505 ng
RT: 7.266 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

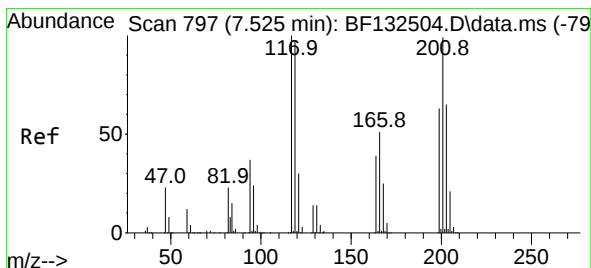
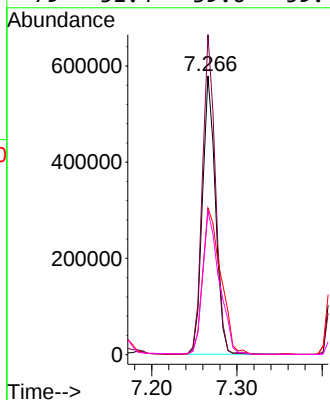
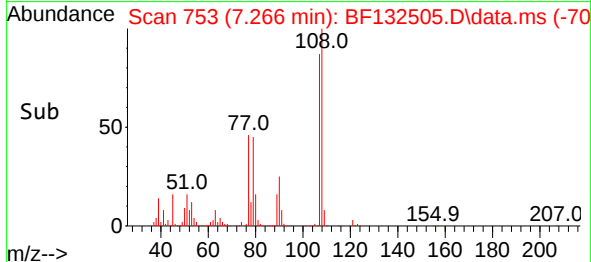
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:107 Resp: 614695
Ion Ratio Lower Upper
107 100
108 114.9 93.0 139.4
77 52.6 42.1 63.1
79 51.4 39.6 59.4

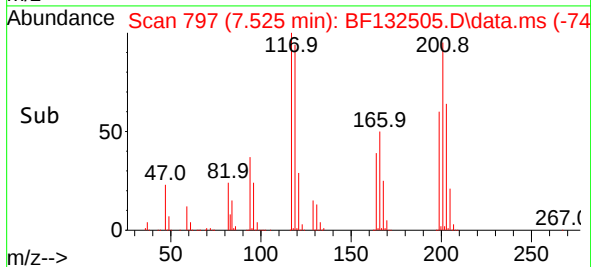
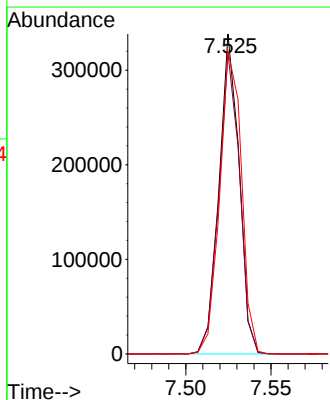
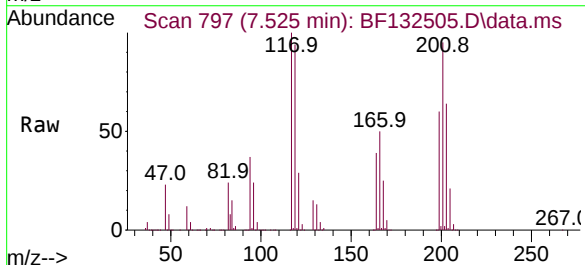
Manual Integrations
APPROVED

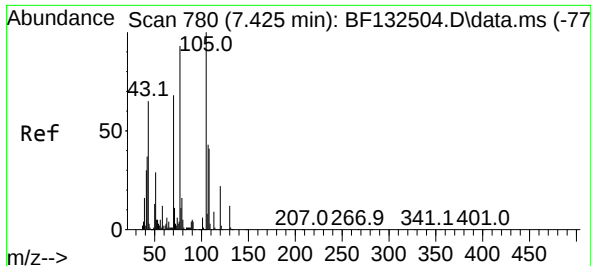
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#18
Hexachloroethane
Concen: 46.833 ng
RT: 7.525 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

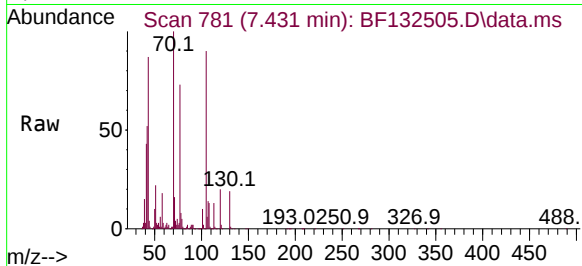
Tgt Ion:117 Resp: 277667
Ion Ratio Lower Upper
117 100
119 94.0 78.0 117.0
201 94.6 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 44.423 ng
RT: 7.431 min Scan# 781
Delta R.T. 0.006 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

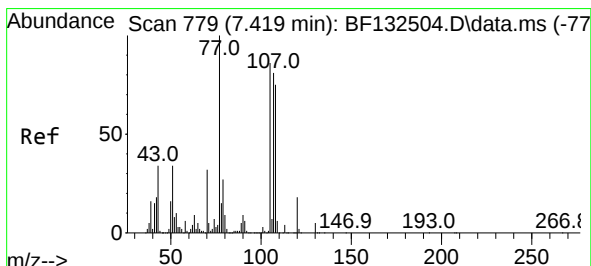
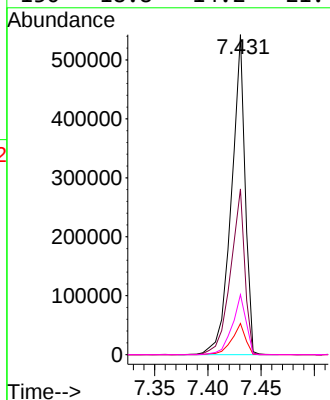
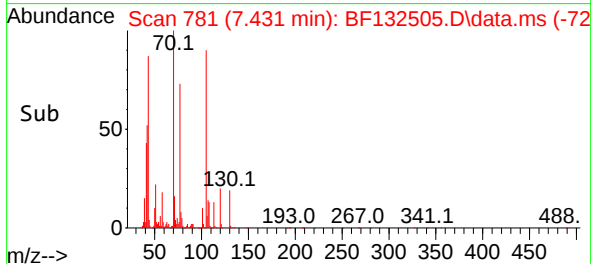
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



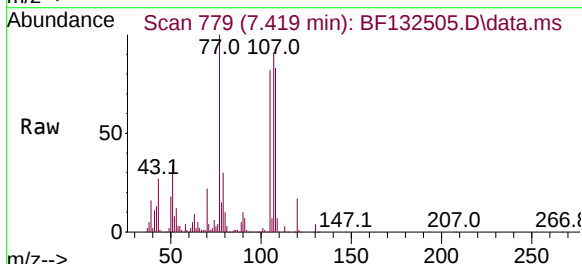
Tgt Ion: 70 Resp: 486890
Ion Ratio Lower Upper
70 100
42 51.8 44.1 66.1
101 9.7 7.4 11.2
130 18.8 14.2 21.4

Manual Integrations
APPROVED

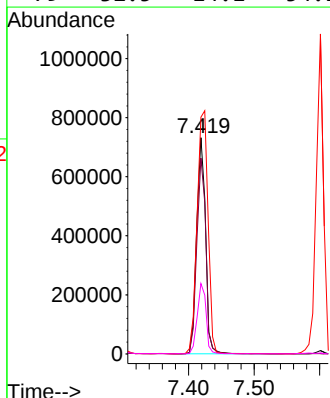
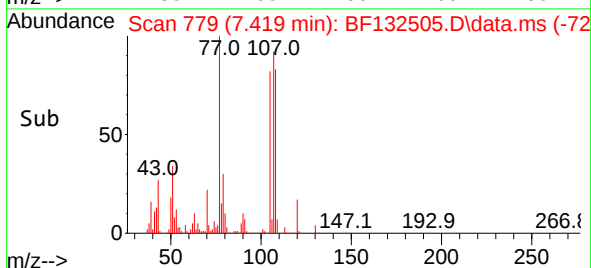
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

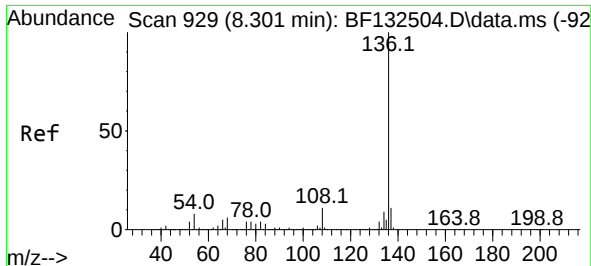


#20
3+4-Methylphenols
Concen: 40.197 ng
RT: 7.419 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



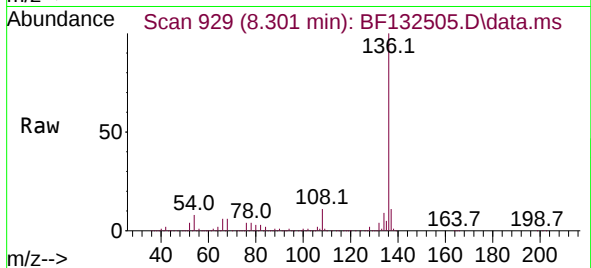
Tgt Ion:107 Resp: 686417
Ion Ratio Lower Upper
107 100
108 90.5 72.6 112.6
77 109.4 104.0 144.0
79 32.5 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.301 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

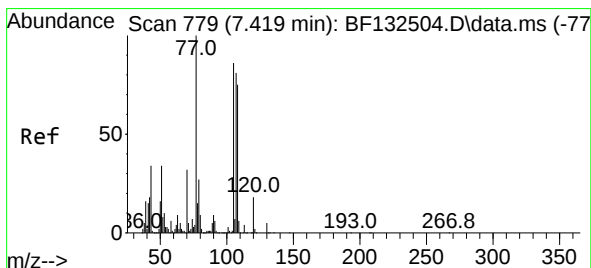
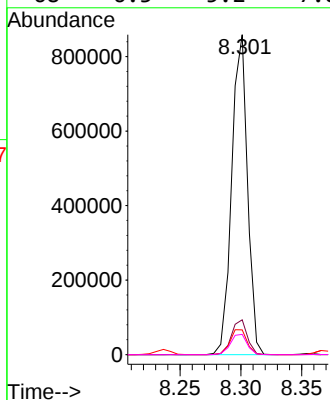
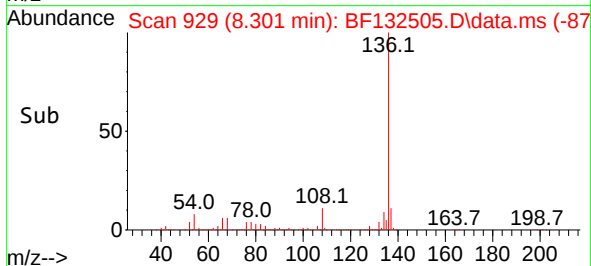
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 773966
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.7 6.2 9.4
68 6.3 5.2 7.8

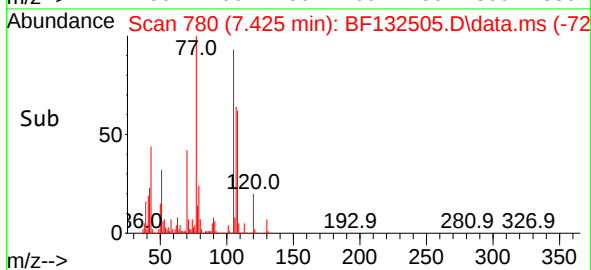
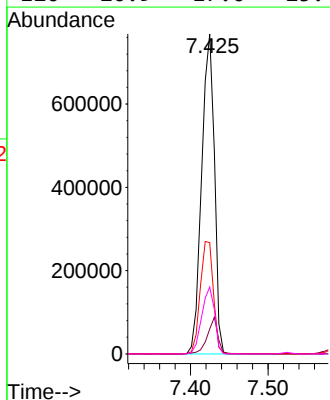
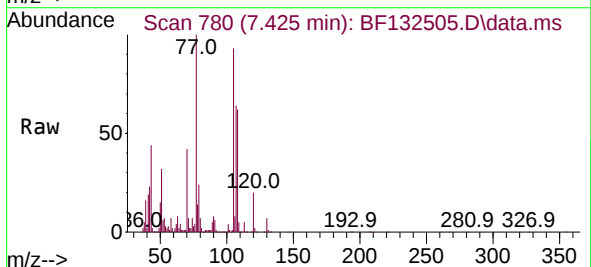
Manual Integrations
APPROVED

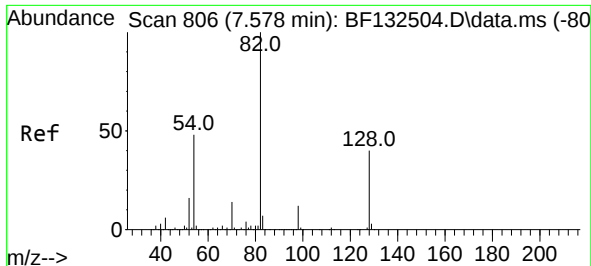
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#22
Acetophenone
Concen: 44.980 ng
RT: 7.425 min Scan# 780
Delta R.T. 0.006 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

Tgt Ion:105 Resp: 877822
Ion Ratio Lower Upper
105 100
71 7.8 5.0 7.4#
51 34.8 31.5 47.3
120 20.9 17.0 25.4





#23

Nitrobenzene-d5

Concen: 94.377 ng

RT: 7.584 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF132505.D

Acq: 22 Feb 2023 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1539588

Ion Ratio Lower Upper

82 100

128 40.2 32.2 48.2

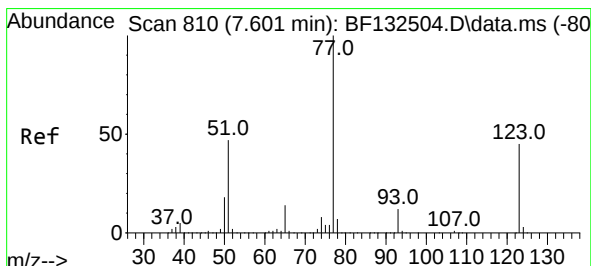
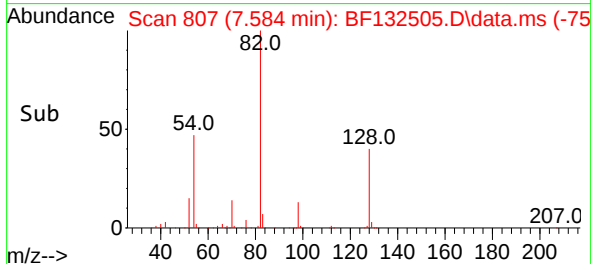
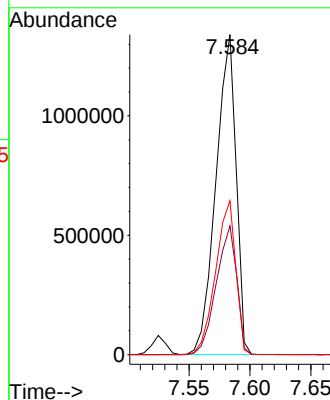
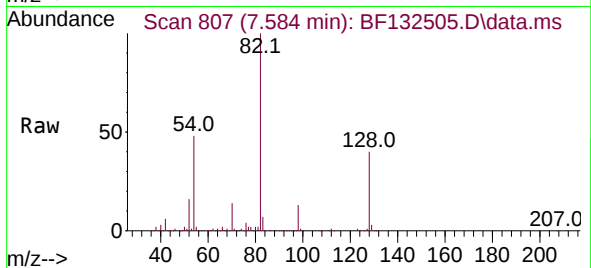
54 48.1 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#24

Nitrobenzene

Concen: 47.324 ng

RT: 7.601 min Scan# 810

Delta R.T. 0.000 min

Lab File: BF132505.D

Acq: 22 Feb 2023 14:52

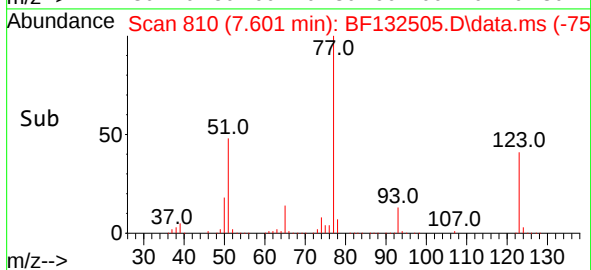
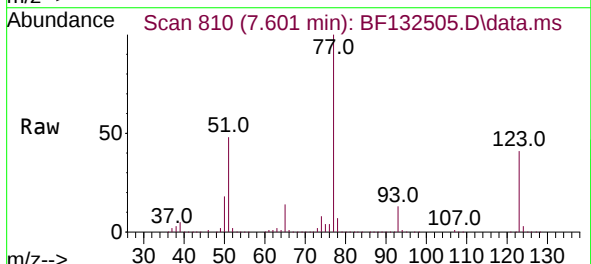
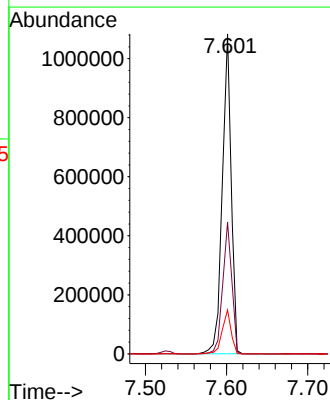
Tgt Ion: 77 Resp: 825651

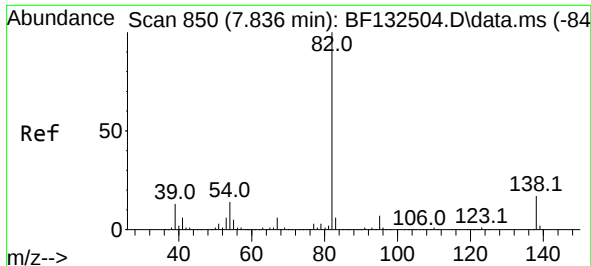
Ion Ratio Lower Upper

77 100

123 41.2 35.8 53.6

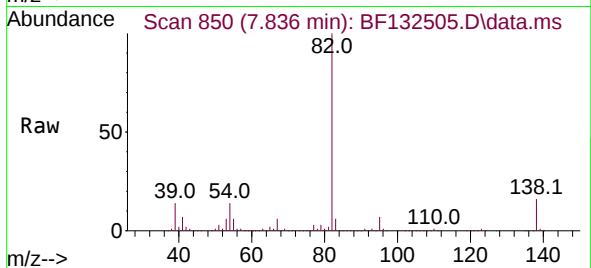
65 13.7 10.9 16.3





#25
Isophorone
Concen: 46.839 ng
RT: 7.836 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

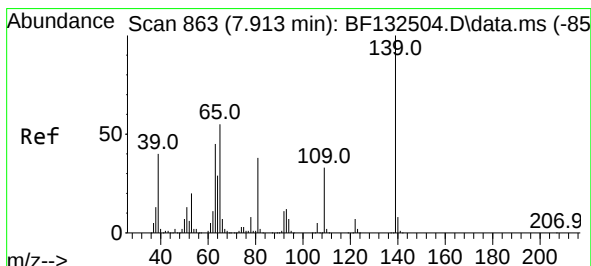
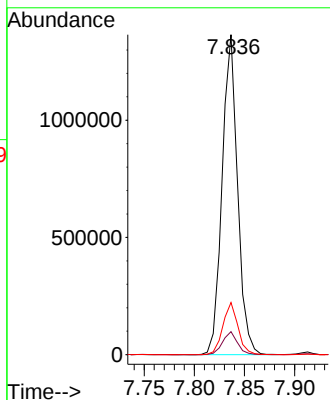
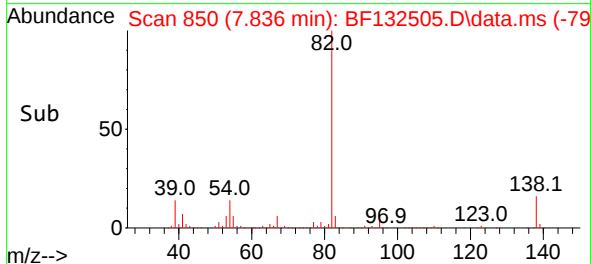
Instrument :
BNA_F
Client SampleId :
SSTDICC050



Tgt Ion: 82 Resp: 146495
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 16.3 13.3 19.9

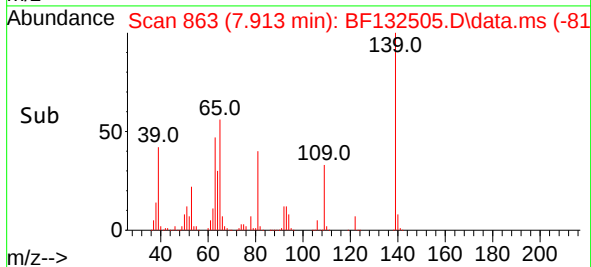
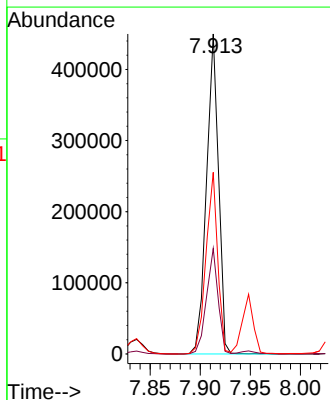
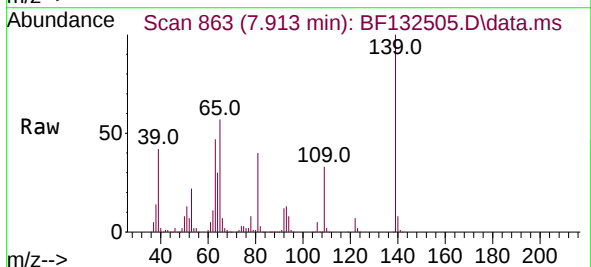
Manual Integrations
APPROVED

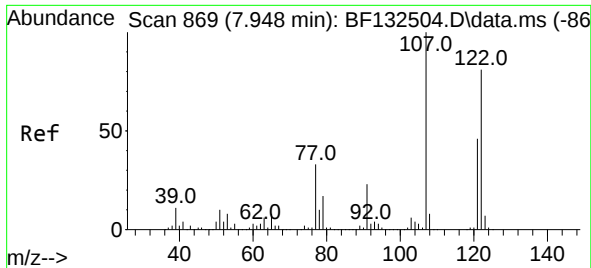
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#26
2-Nitrophenol
Concen: 48.517 ng
RT: 7.913 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

Tgt Ion:139 Resp: 373474
Ion Ratio Lower Upper
139 100
109 32.9 26.2 39.2
65 56.7 43.8 65.8





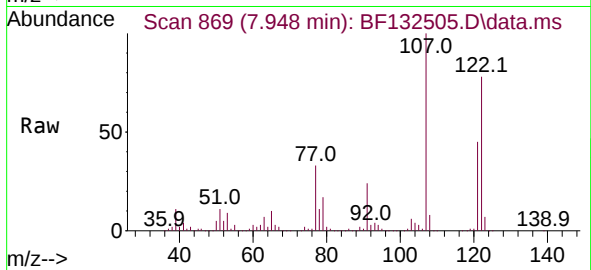
#27
2,4-Dimethylphenol
Concen: 46.275 ng
RT: 7.948 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

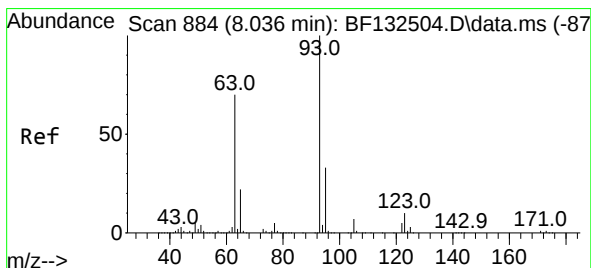
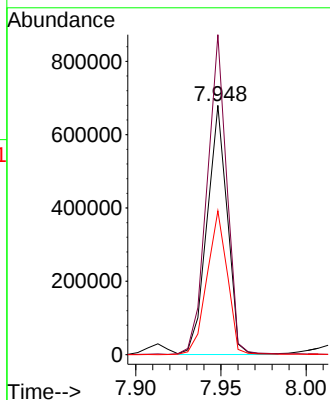
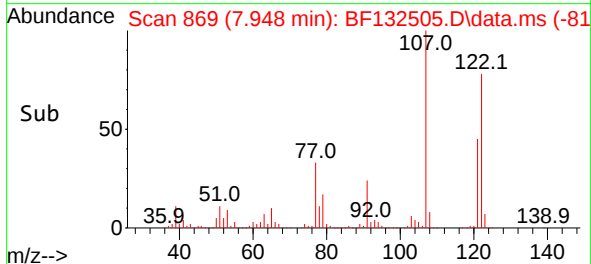


Tgt Ion:122 Resp: 562204
Ion Ratio Lower Upper
122 100
107 128.4 98.7 148.1
121 57.7 45.8 68.6

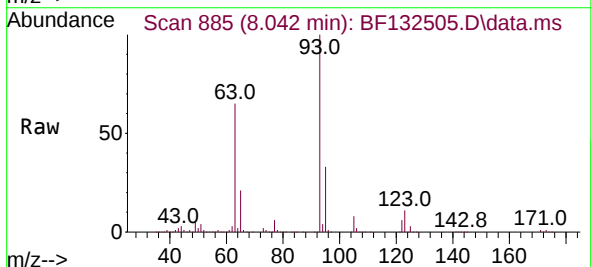
Manual Integrations

APPROVED

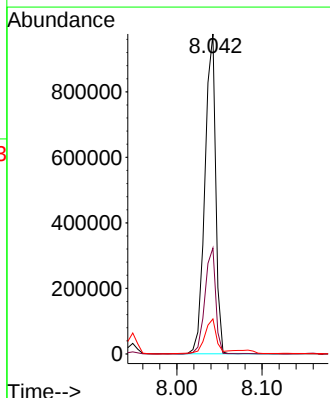
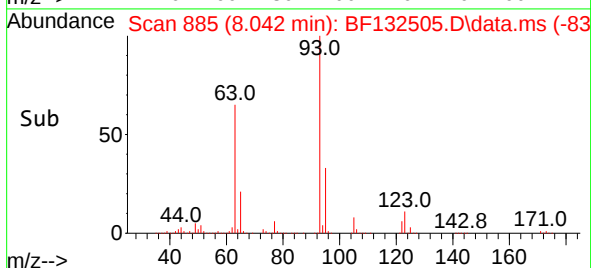
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.935 ng
RT: 8.042 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



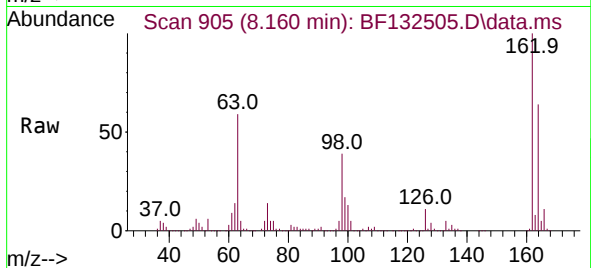
Tgt Ion: 93 Resp: 858721
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 10.9 8.3 12.5





#29
2,4-Dichlorophenol
Concen: 47.242 ng
RT: 8.160 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

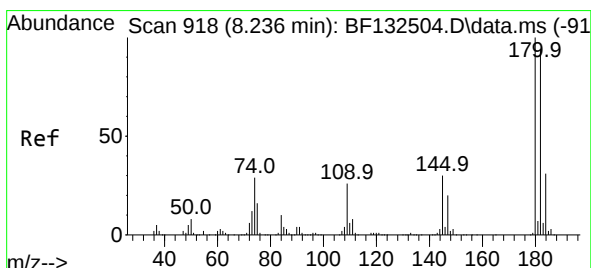
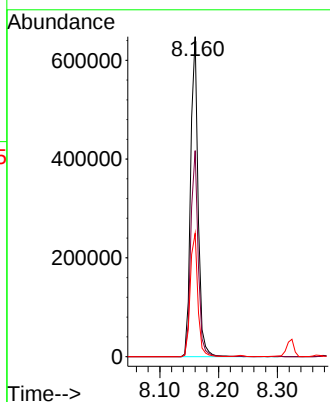
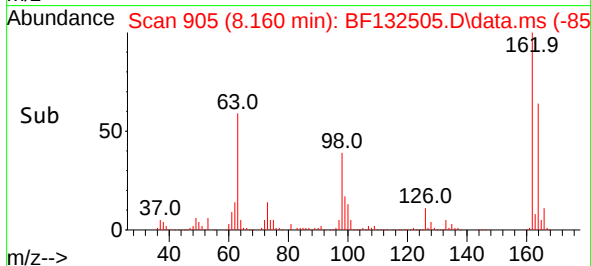
Instrument :
BNA_F
Client SampleId :
SSTDICC050



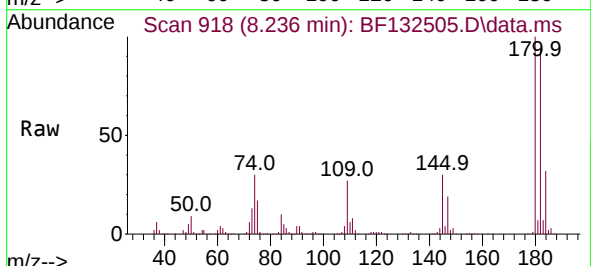
Tgt Ion:162 Resp: 570943
Ion Ratio Lower Upper
162 100
164 64.4 45.3 85.3
98 38.5 17.9 57.9

Manual Integrations
APPROVED

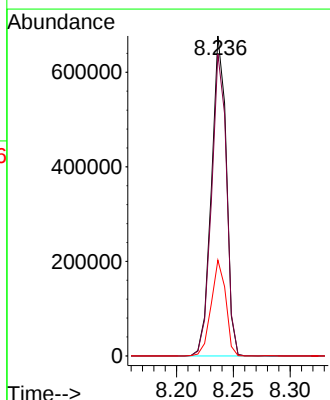
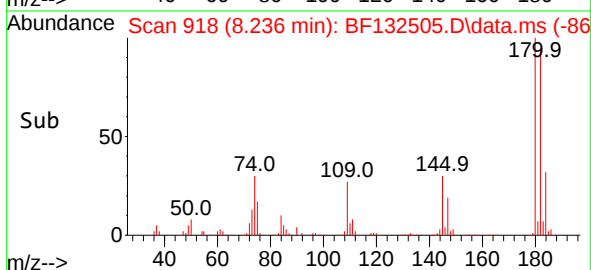
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#30
1,2,4-Trichlorobenzene
Concen: 46.981 ng
RT: 8.236 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



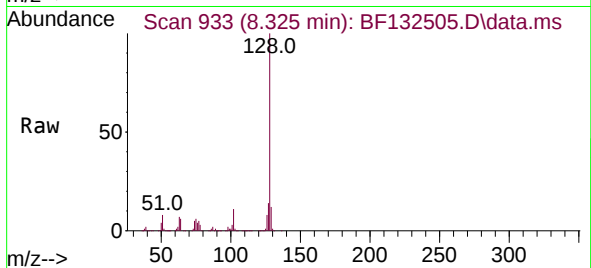
Tgt Ion:180 Resp: 616534
Ion Ratio Lower Upper
180 100
182 94.3 75.1 112.7
145 29.9 23.8 35.6





#31
Naphthalene
Concen: 45.387 ng
RT: 8.325 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

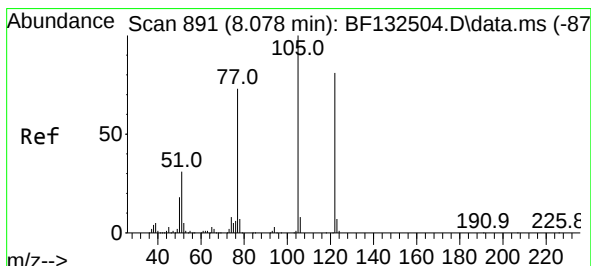
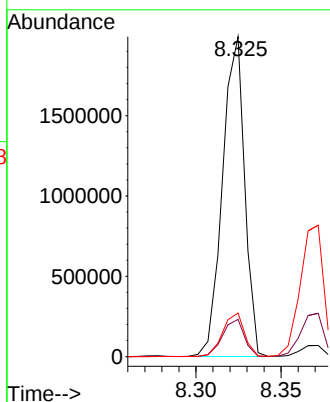
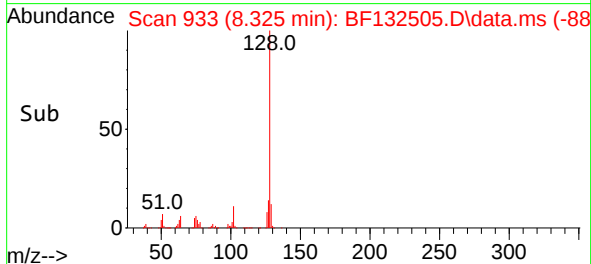
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 179833
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.6 11.0 16.6

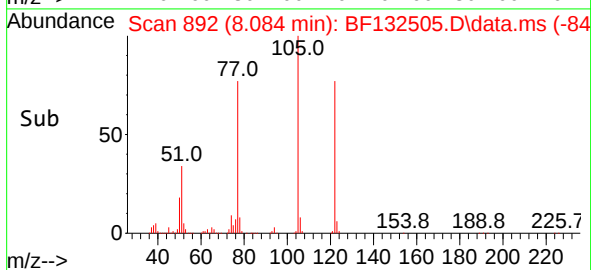
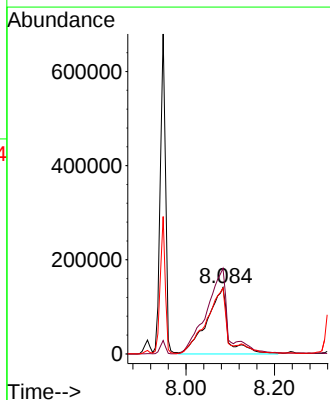
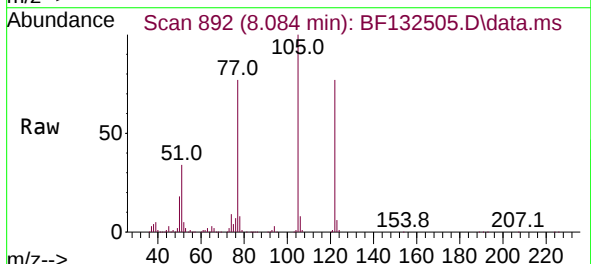
Manual Integrations
APPROVED

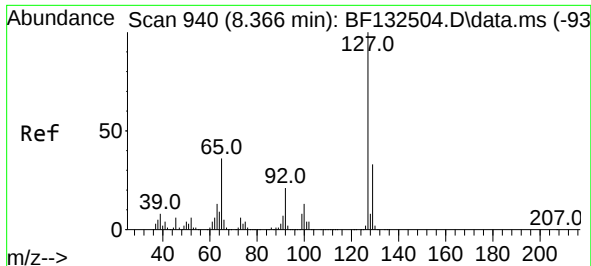
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#32
Benzoic acid
Concen: 50.515 ng m
RT: 8.084 min Scan# 892
Delta R.T. 0.006 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

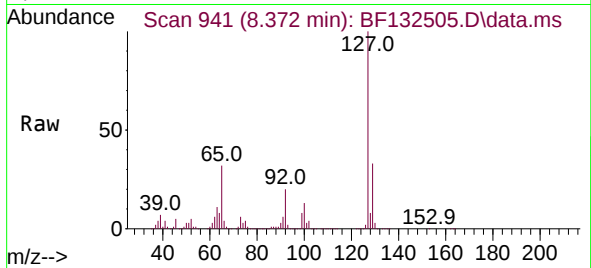
Tgt Ion:122 Resp: 476861
Ion Ratio Lower Upper
122 100
105 129.1 102.6 142.6
77 99.3 70.2 110.2





#33
4-Chloroaniline
Concen: 47.278 ng
RT: 8.372 min Scan# 940
Delta R.T. 0.006 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

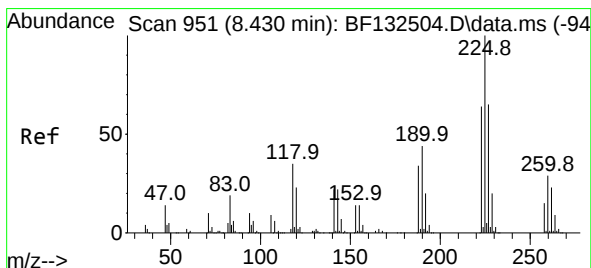
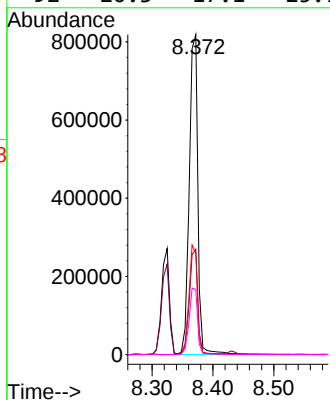
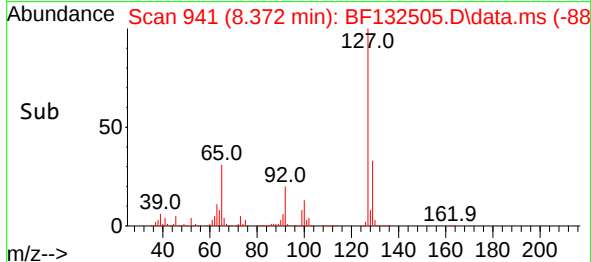
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:127 Resp: 802728
Ion Ratio Lower Upper
127 100
129 32.9 26.4 39.6
65 31.6 28.8 43.2
92 20.3 17.1 25.7

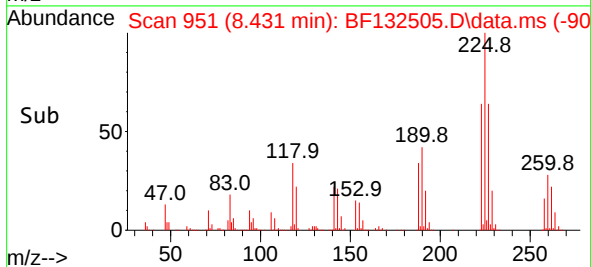
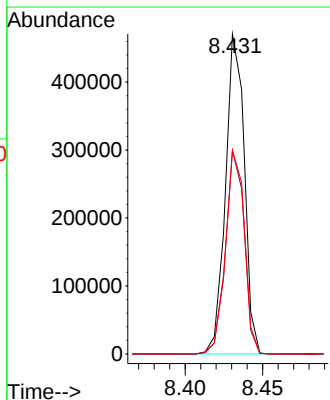
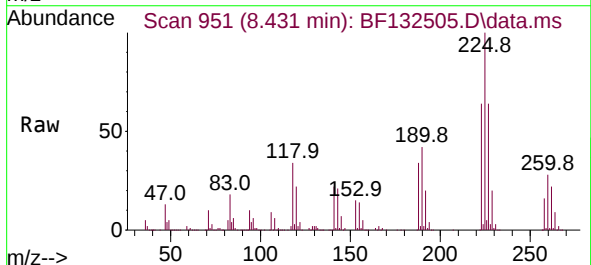
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#34
Hexachlorobutadiene
Concen: 47.784 ng
RT: 8.431 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

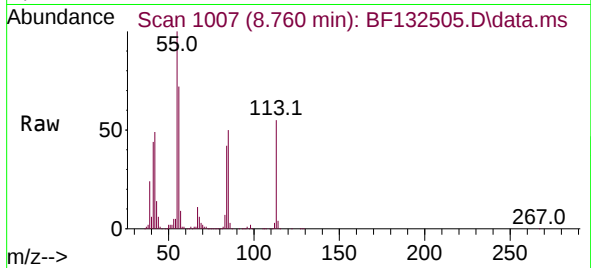
Tgt Ion:225 Resp: 398478
Ion Ratio Lower Upper
225 100
223 63.6 51.0 76.4
227 63.6 51.7 77.5





#35
Caprolactam
Concen: 49.722 ng
RT: 8.760 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

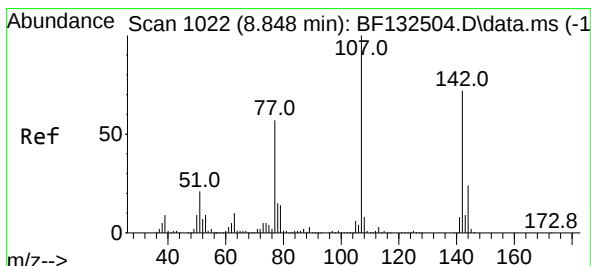
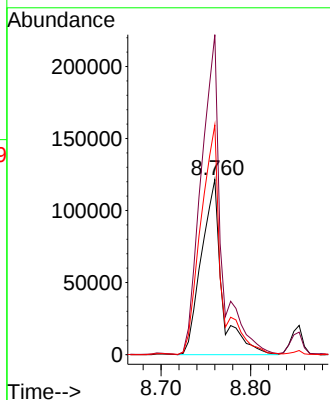
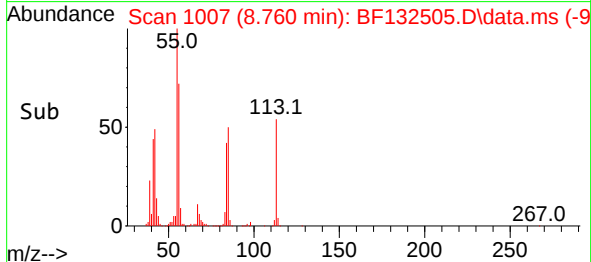
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:113 Resp: 19385
Ion Ratio Lower Upper
113 100
55 182.8 149.4 189.4
56 131.2 105.0 145.0

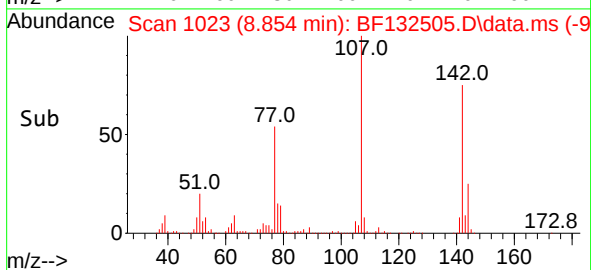
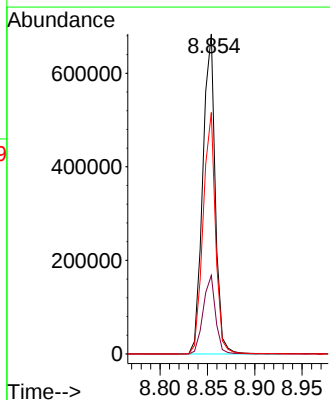
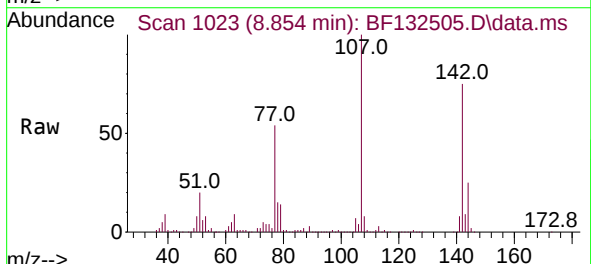
Manual Integrations
APPROVED

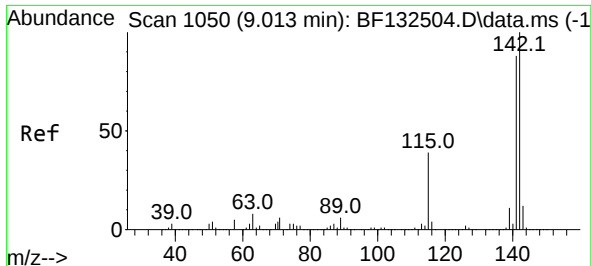
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#36
4-Chloro-3-methylphenol
Concen: 47.302 ng
RT: 8.854 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

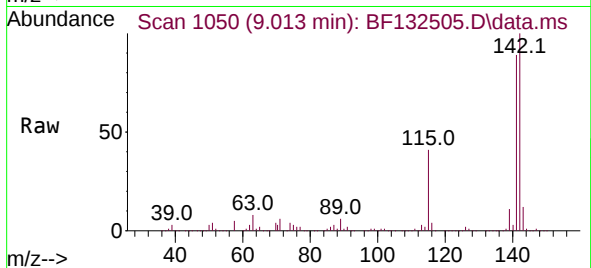
Tgt Ion:107 Resp: 627810
Ion Ratio Lower Upper
107 100
144 24.5 18.9 28.3
142 75.4 57.9 86.9





#37
2-Methylnaphthalene
Concen: 45.550 ng
RT: 9.013 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

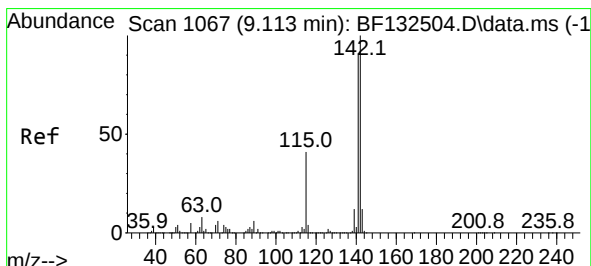
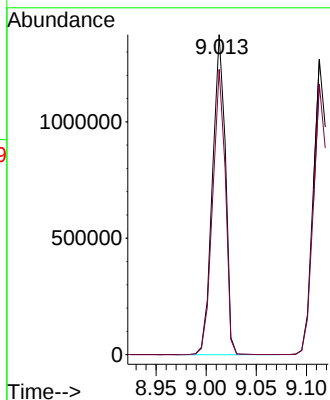
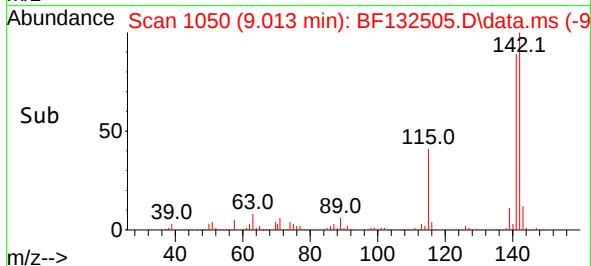
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



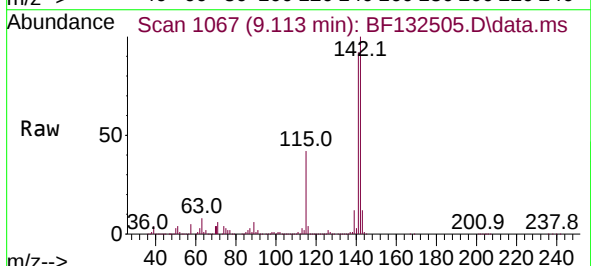
Tgt Ion:142 Resp: 1229939
Ion Ratio Lower Upper
142 100
141 89.1 70.2 105.2

Manual Integrations
APPROVED

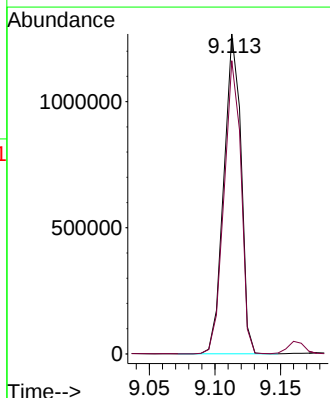
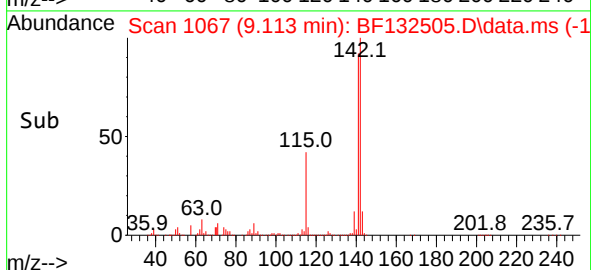
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

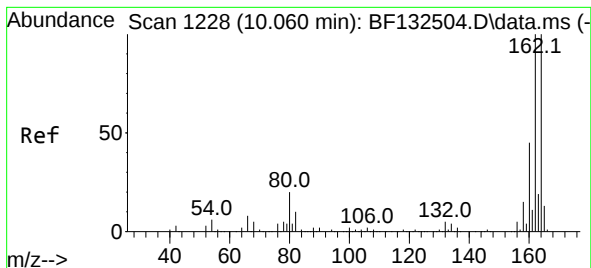


#38
1-Methylnaphthalene
Concen: 45.657 ng
RT: 9.113 min Scan# 1067
Delta R.T. -0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



Tgt Ion:142 Resp: 1152139
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.6





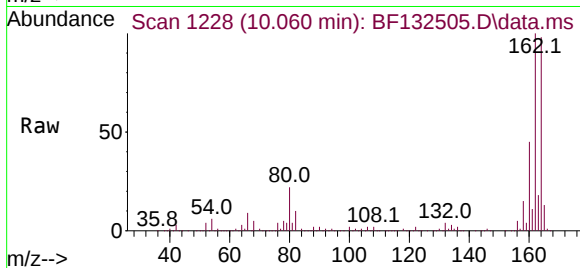
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.060 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

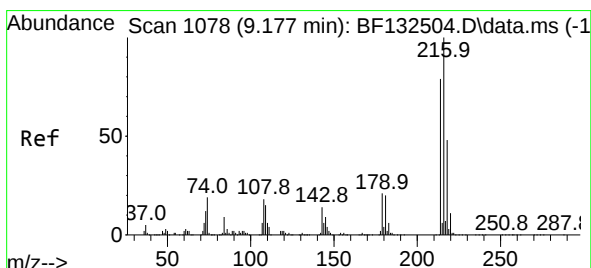
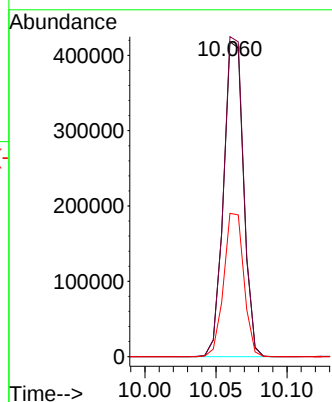
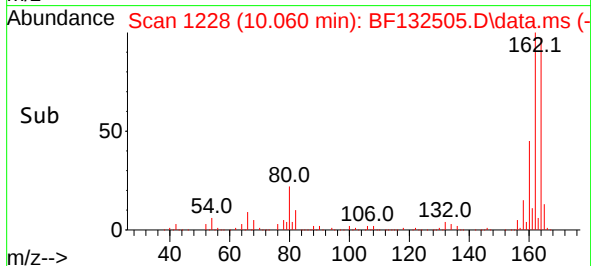


Tgt Ion:164 Resp: 408568
Ion Ratio Lower Upper
164 100
162 101.6 79.8 119.8
160 45.5 35.8 53.6

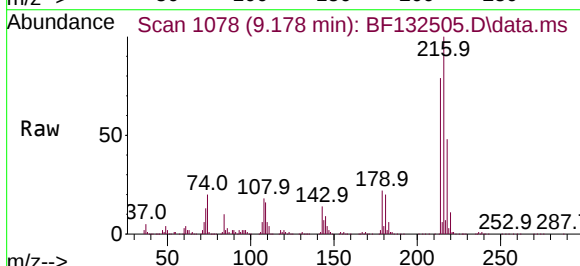
Manual Integrations

APPROVED

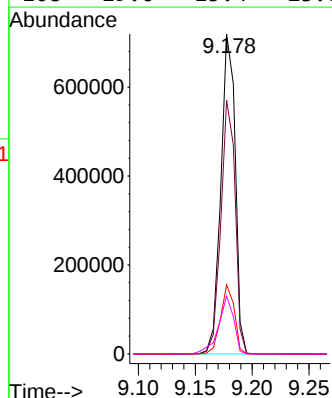
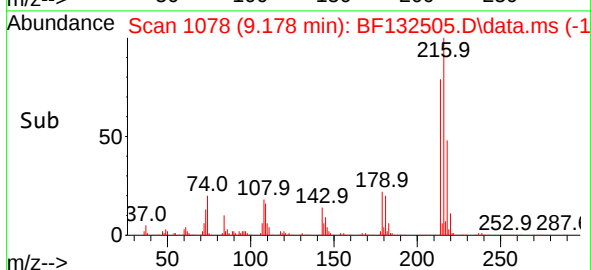
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

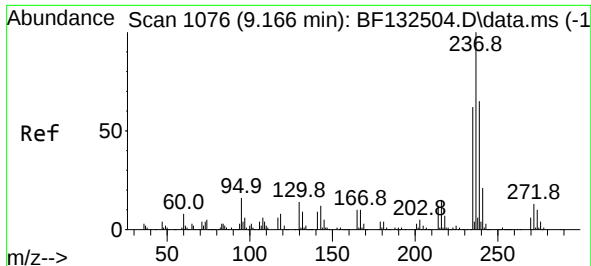


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.201 ng
RT: 9.178 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



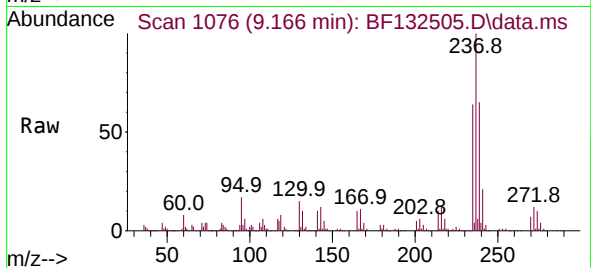
Tgt Ion:216 Resp: 630958
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.6
179 20.7 16.6 24.8
108 19.0 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 53.223 ng
RT: 9.166 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

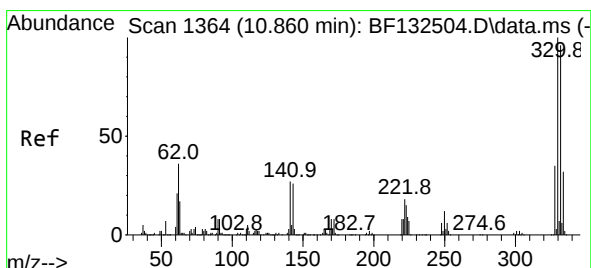
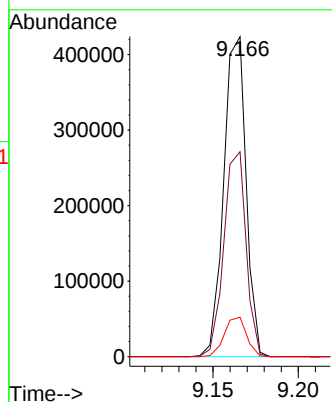
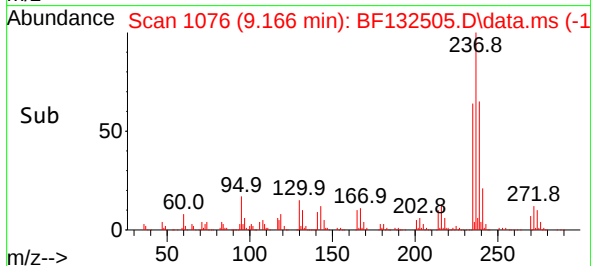
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



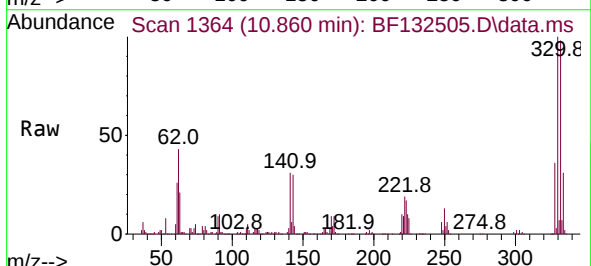
Tgt Ion:237 Resp: 385888
Ion Ratio Lower Upper
237 100
235 64.0 42.4 82.4
272 12.3 0.0 32.7

Manual Integrations
APPROVED

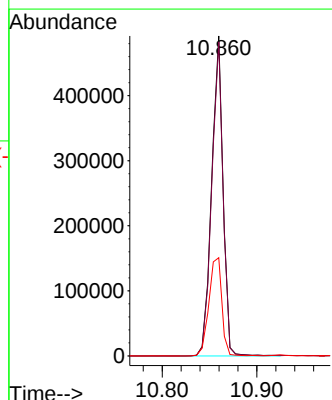
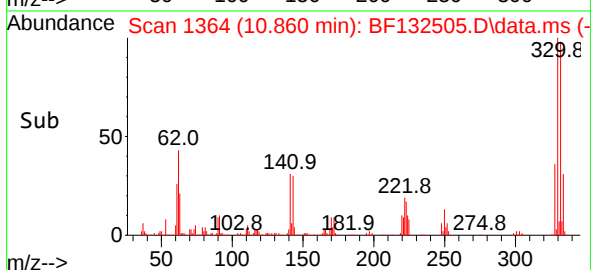
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

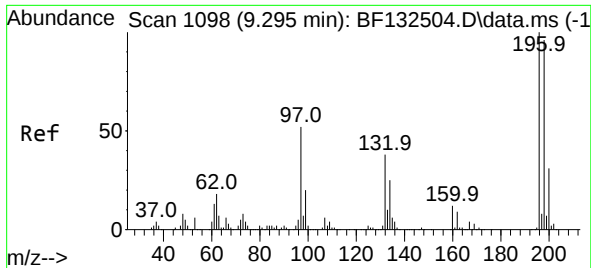


#42
2,4,6-Tribromophenol
Concen: 93.454 ng
RT: 10.860 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



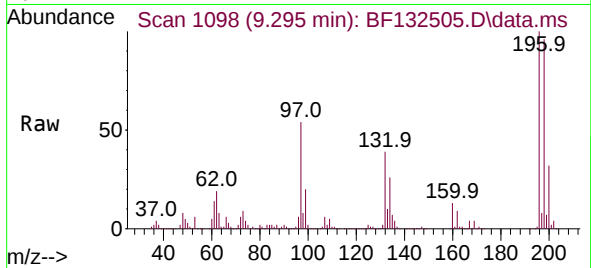
Tgt Ion:330 Resp: 412353
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 35.0 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 47.855 ng
RT: 9.295 min Scan# 1098
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

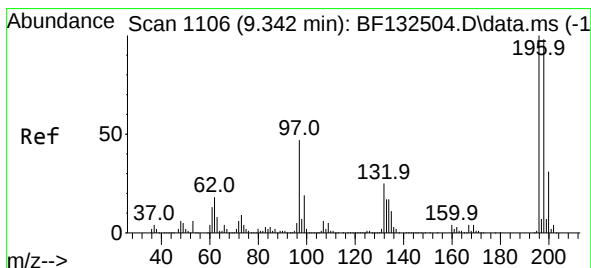
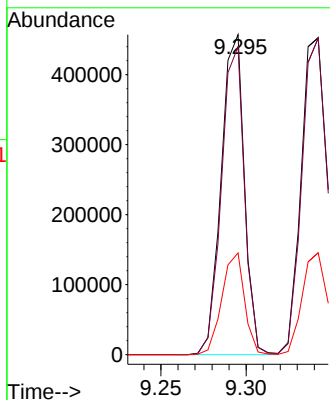
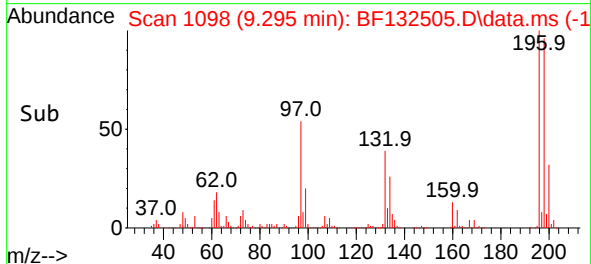
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



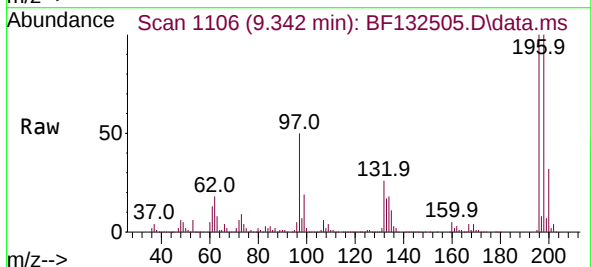
Tgt Ion:196 Resp: 433523
Ion Ratio Lower Upper
196 100
198 96.2 77.1 115.7
200 31.8 25.0 37.4

Manual Integrations
APPROVED

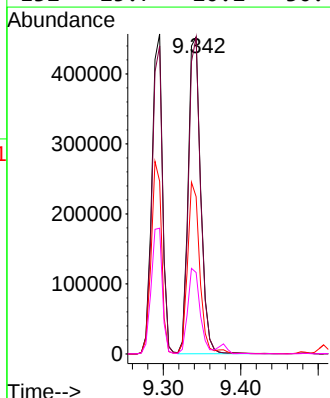
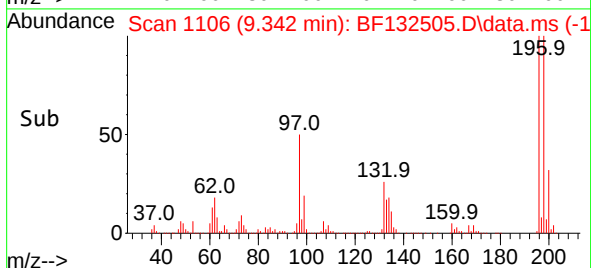
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

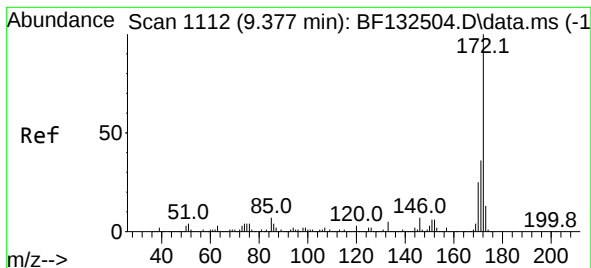


#44
2,4,5-Trichlorophenol
Concen: 47.905 ng
RT: 9.342 min Scan# 1106
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



Tgt Ion:196 Resp: 506509
Ion Ratio Lower Upper
196 100
198 99.9 78.3 117.5
97 49.6 38.1 57.1
132 25.7 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 84.683 ng

RT: 9.378 min Scan# 1112

Delta R.T. 0.001 min

Lab File: BF132505.D

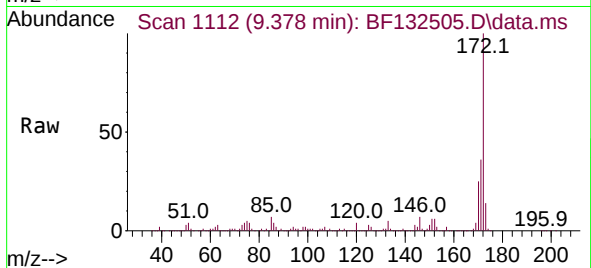
Acq: 22 Feb 2023 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:172 Resp: 227224

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

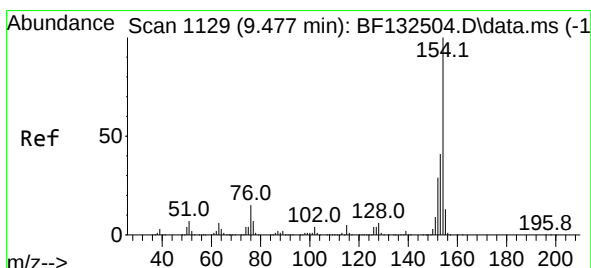
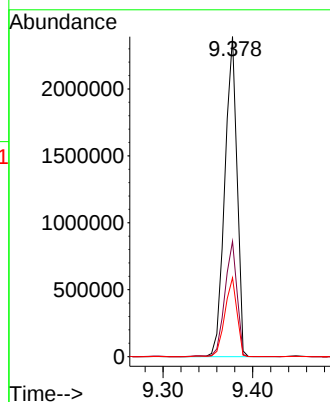
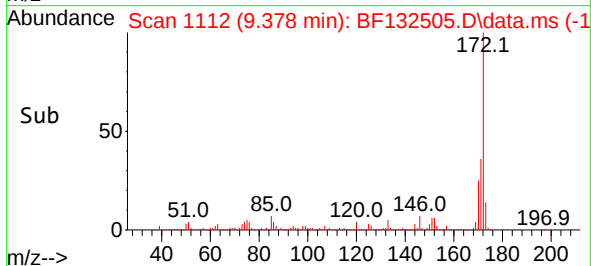
170 24.6 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#46

1,1'-Biphenyl

Concen: 45.840 ng

RT: 9.478 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF132505.D

Acq: 22 Feb 2023 14:52

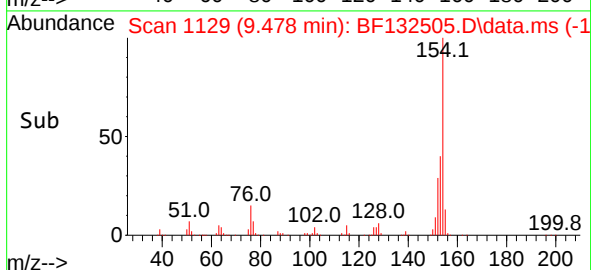
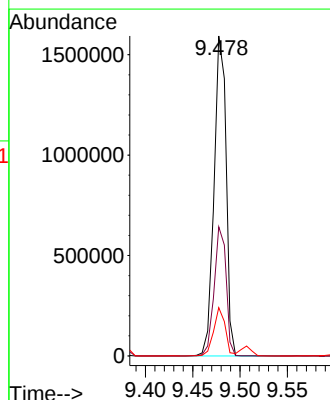
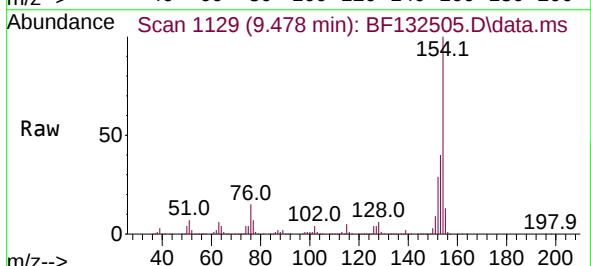
Tgt Ion:154 Resp: 1417559

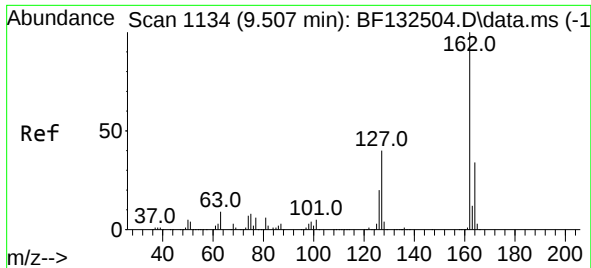
Ion Ratio Lower Upper

154 100

153 40.3 20.9 60.9

76 15.1 0.0 34.7





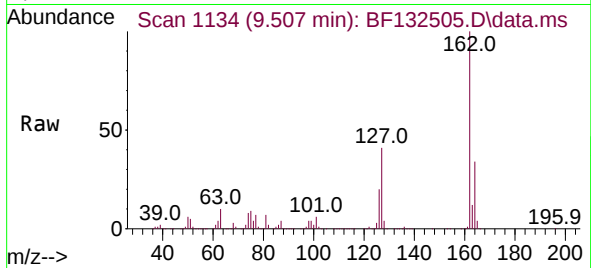
#47
2-Chloronaphthalene
Concen: 46.206 ng
RT: 9.507 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

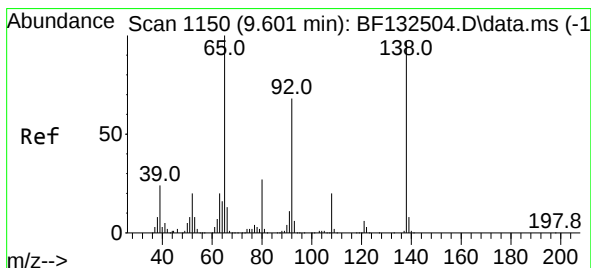
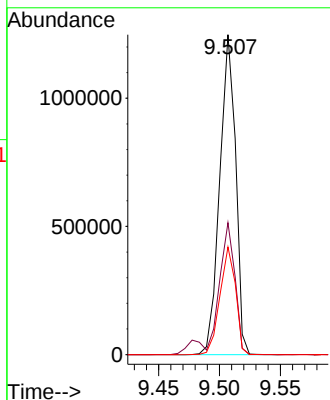
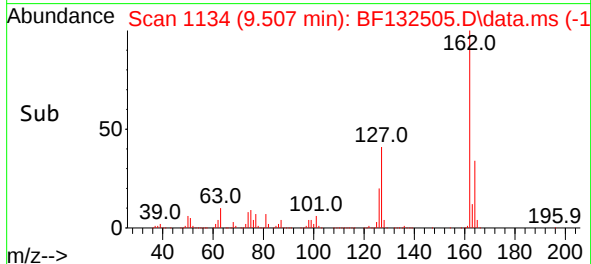


Tgt Ion:162 Resp: 1132866
Ion Ratio Lower Upper
162 100
127 41.2 32.3 48.5
164 33.6 26.9 40.3

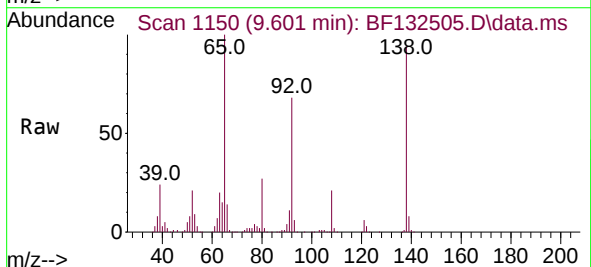
Manual Integrations

APPROVED

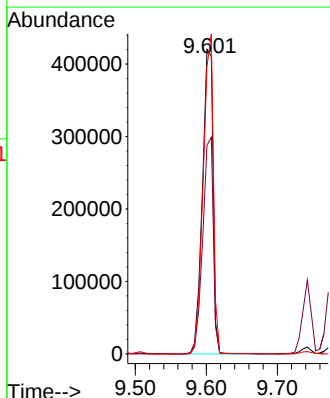
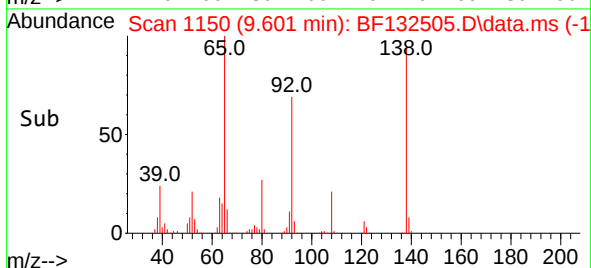
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

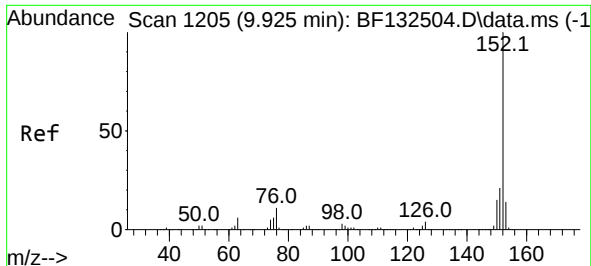


#48
2-Nitroaniline
Concen: 48.100 ng
RT: 9.601 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



Tgt Ion: 65 Resp: 434345
Ion Ratio Lower Upper
65 100
92 68.5 54.5 81.7
138 94.5 77.2 115.8





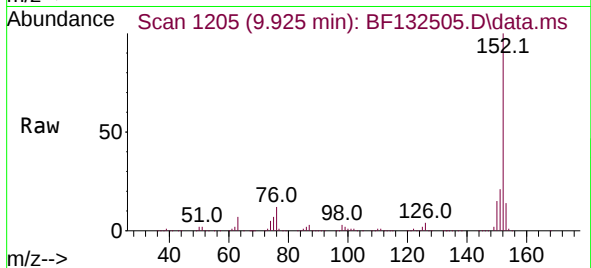
#49
Acenaphthylene
Concen: 46.425 ng
RT: 9.925 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

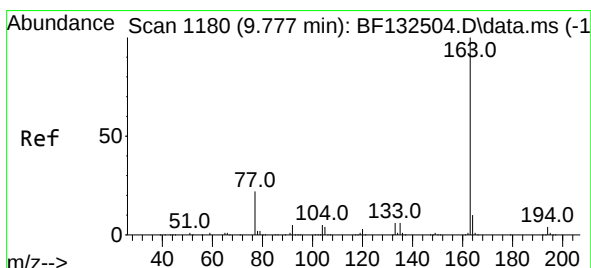
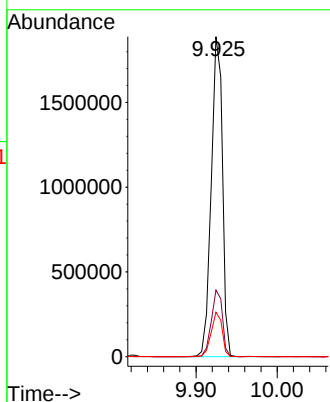
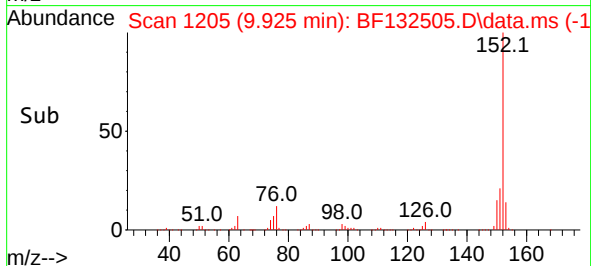


Tgt Ion:152 Resp: 1811542
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.9 11.0 16.6

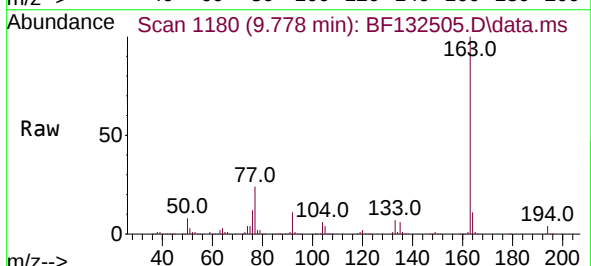
Manual Integrations

APPROVED

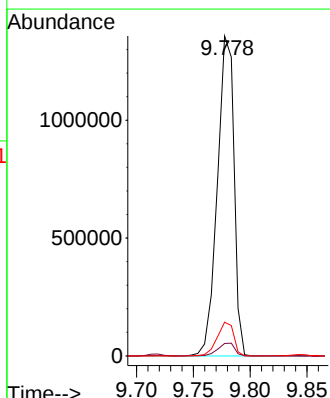
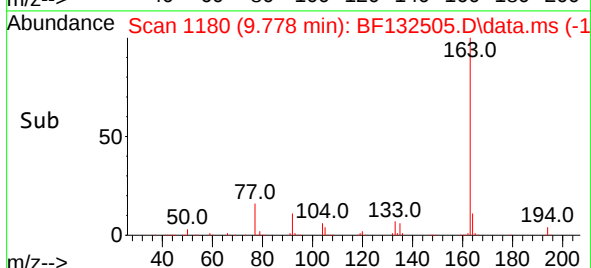
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

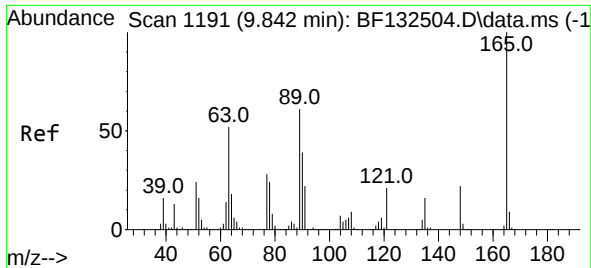


#50
Dimethylphthalate
Concen: 46.560 ng
RT: 9.778 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



Tgt Ion:163 Resp: 1385118
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.5 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 48.103 ng
RT: 9.842 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

Instrument :

BNA_F

ClientSampleId :

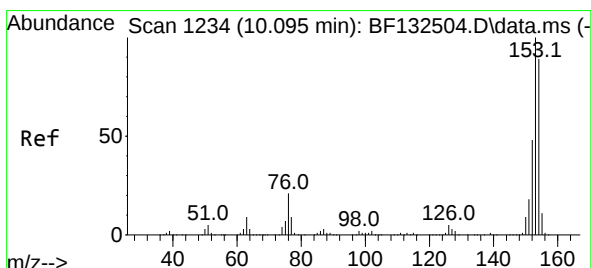
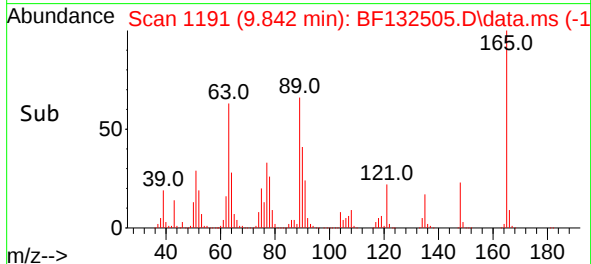
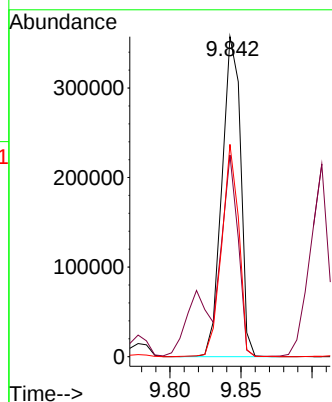
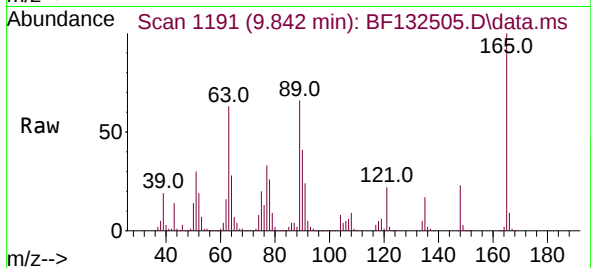
SSTDICC050

Tgt Ion:165 Resp: 325895
Ion Ratio Lower Upper
165 100
63 63.0 47.3 70.9
89 66.3 48.9 73.3

Manual Integrations

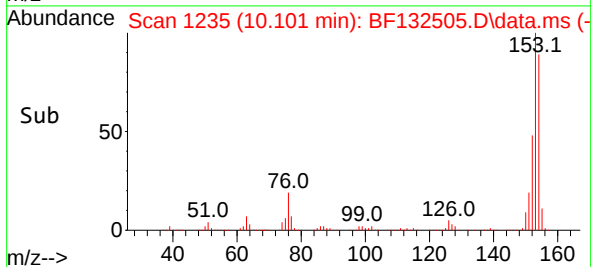
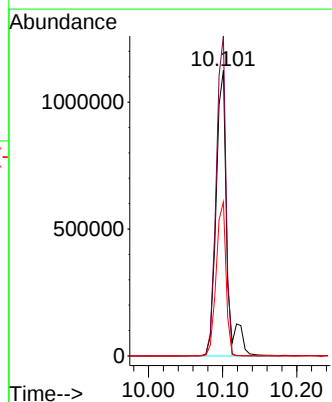
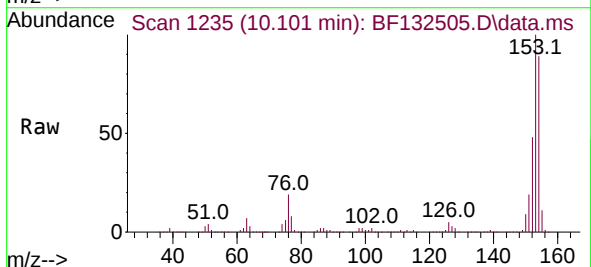
APPROVED

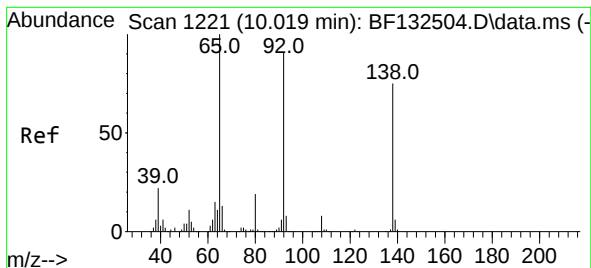
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#52
Acenaphthene
Concen: 47.278 ng
RT: 10.101 min Scan# 1235
Delta R.T. 0.006 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

Tgt Ion:154 Resp: 1153158
Ion Ratio Lower Upper
154 100
153 112.1 89.8 134.8
152 53.9 43.3 64.9





#53
3-Nitroaniline
Concen: 48.457 ng
RT: 10.019 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

Instrument :

BNA_F

ClientSampleId :

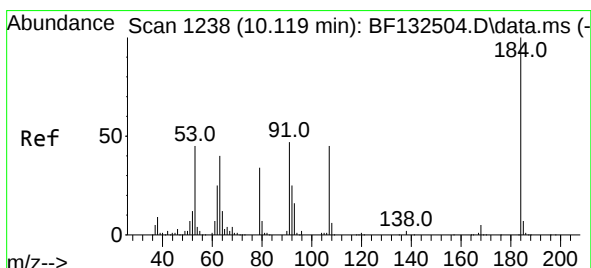
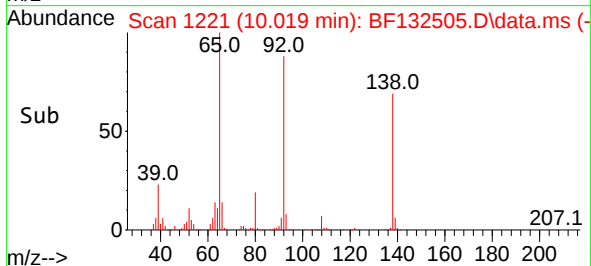
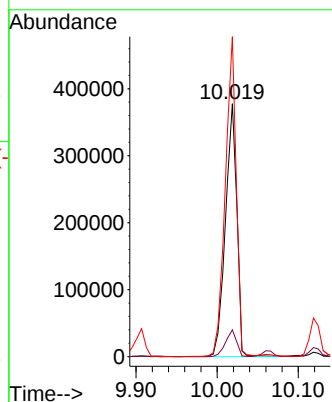
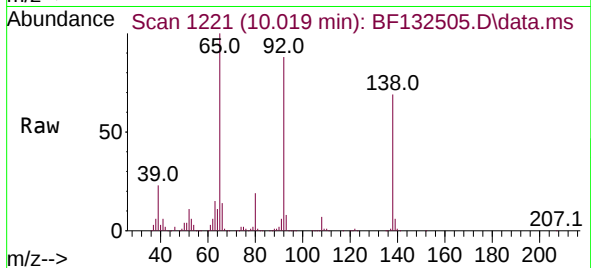
SSTDICC050

Tgt Ion:138 Resp: 367243
Ion Ratio Lower Upper
138 100
108 10.6 8.1 12.1
92 126.5 97.2 145.8

Manual Integrations

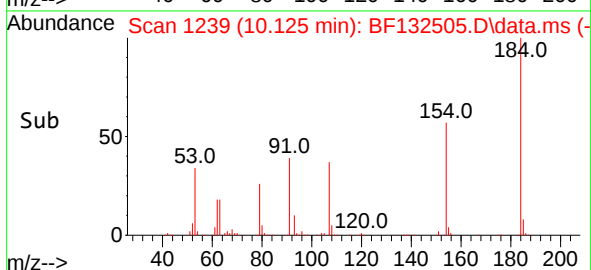
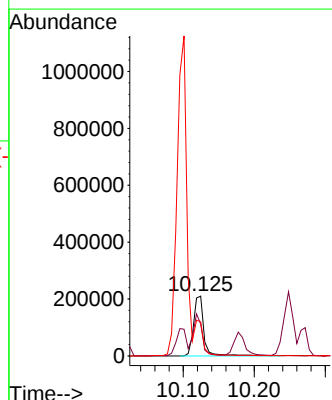
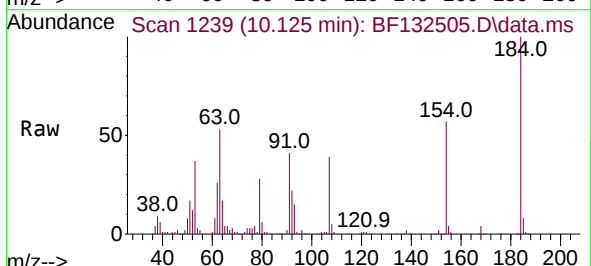
APPROVED

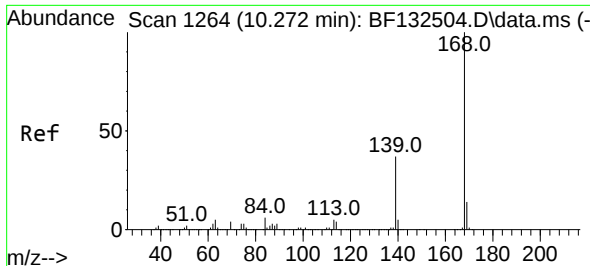
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#54
2,4-Dinitrophenol
Concen: 50.468 ng
RT: 10.125 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

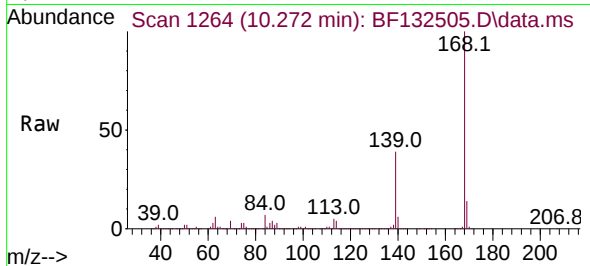
Tgt Ion:184 Resp: 212489
Ion Ratio Lower Upper
184 100
63 53.1 51.4 77.2
154 56.8 48.3 72.5





#55
Dibenzofuran
Concen: 45.193 ng
RT: 10.272 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

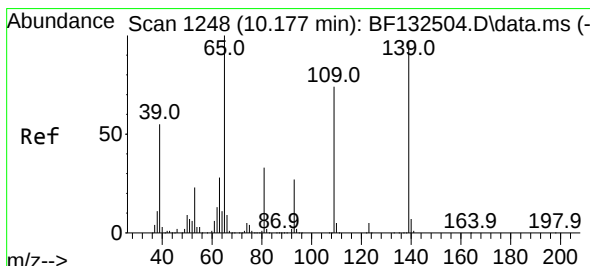
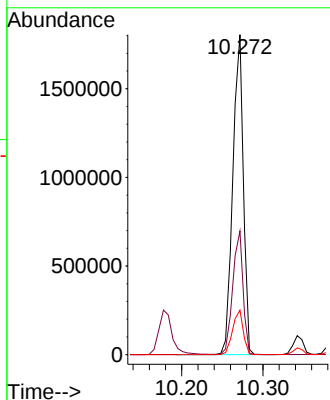
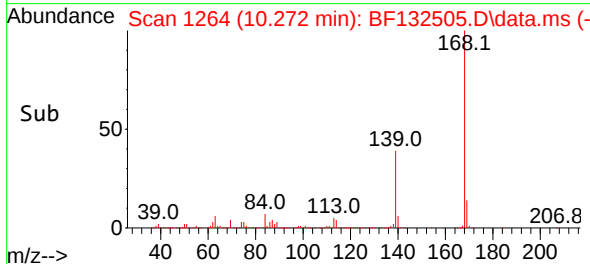
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 1632454
Ion Ratio Lower Upper
168 100
139 38.6 29.8 44.6
169 13.9 10.9 16.3

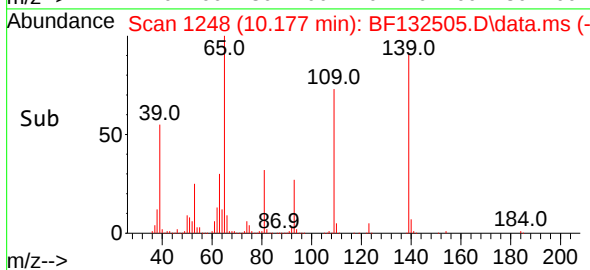
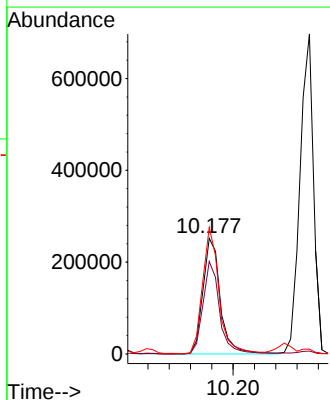
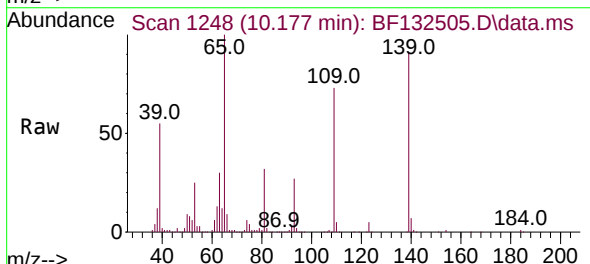
Manual Integrations
APPROVED

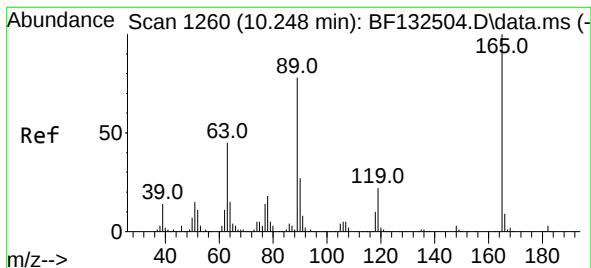
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#56
4-Nitrophenol
Concen: 50.322 ng
RT: 10.177 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

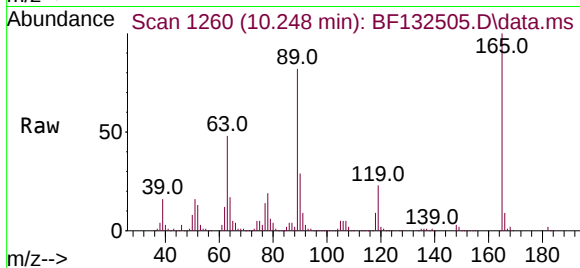
Tgt Ion:139 Resp: 284416
Ion Ratio Lower Upper
139 100
109 79.9 56.7 96.7
65 109.5 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 48.295 ng
RT: 10.248 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

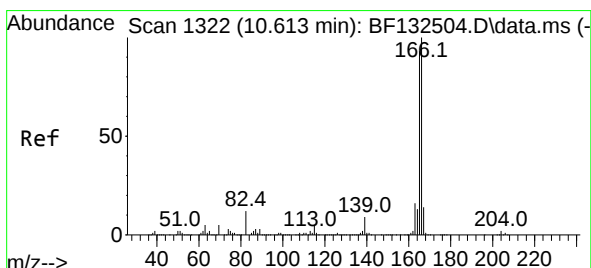
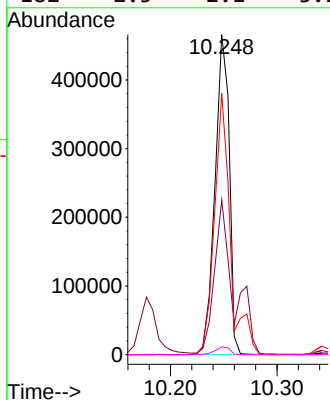
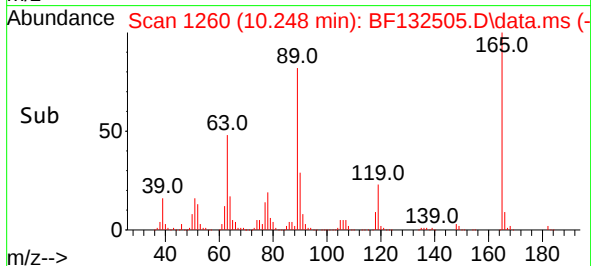
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 435296
Ion Ratio Lower Upper
165 100
63 48.4 36.5 54.7
89 81.6 62.4 93.6
182 2.5 2.1 3.1

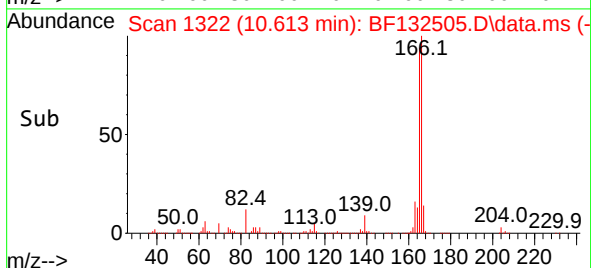
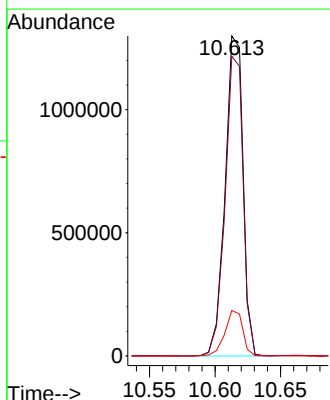
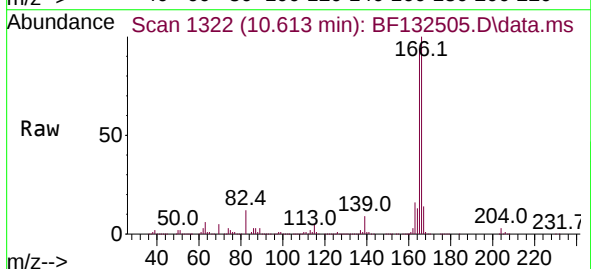
Manual Integrations
APPROVED

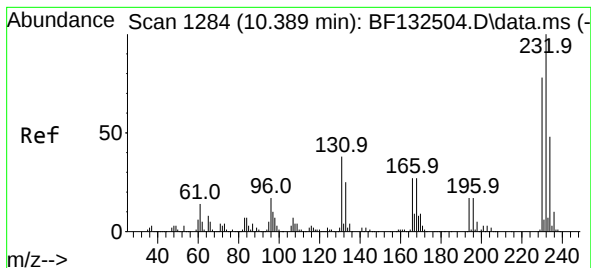
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#58
Fluorene
Concen: 44.945 ng
RT: 10.613 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

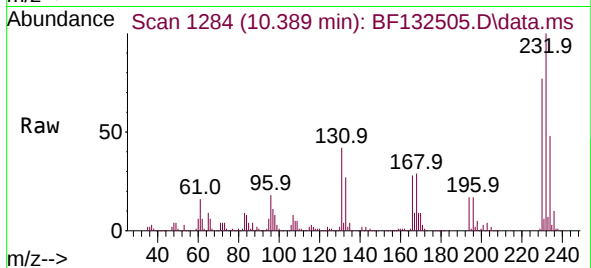
Tgt Ion:166 Resp: 1241831
Ion Ratio Lower Upper
166 100
165 93.6 74.2 111.4
167 14.2 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.654 ng
RT: 10.389 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

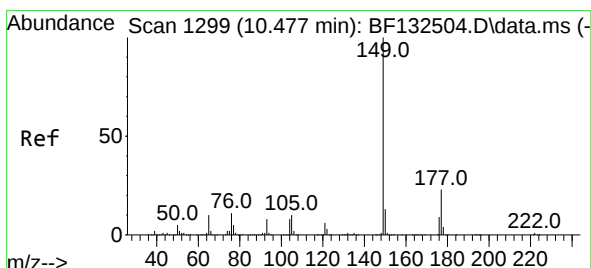
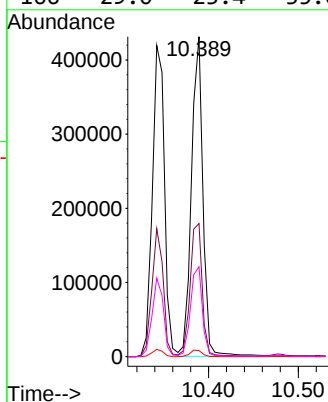
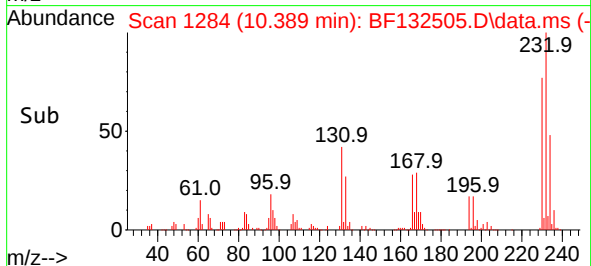
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



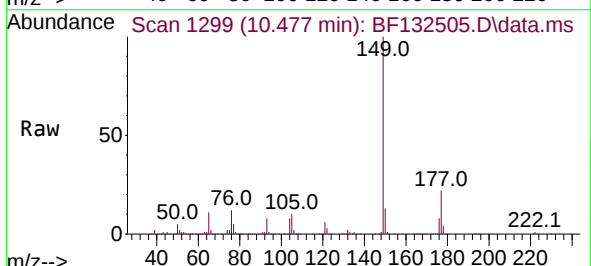
Tgt Ion:232 Resp: 382138
Ion Ratio Lower Upper
232 100
131 43.7 33.8 50.8
130 2.1 1.7 2.5
166 29.0 23.4 35.0

Manual Integrations
APPROVED

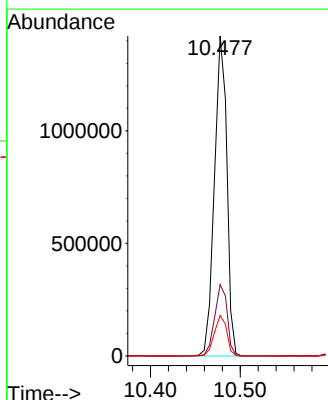
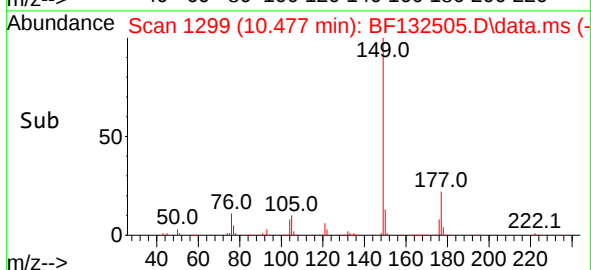
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

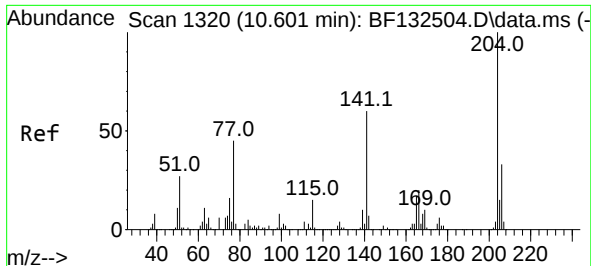


#60
Diethylphthalate
Concen: 47.036 ng
RT: 10.477 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



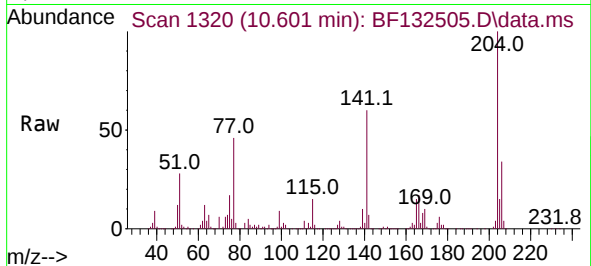
Tgt Ion:149 Resp: 1366608
Ion Ratio Lower Upper
149 100
177 22.3 18.1 27.1
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 45.185 ng
RT: 10.601 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

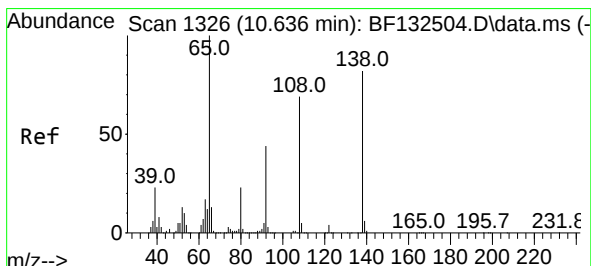
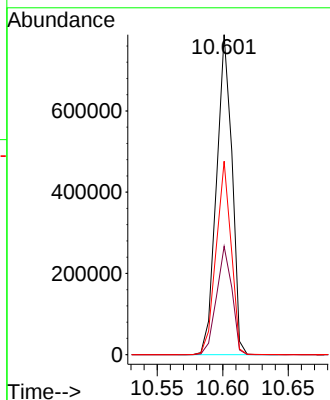
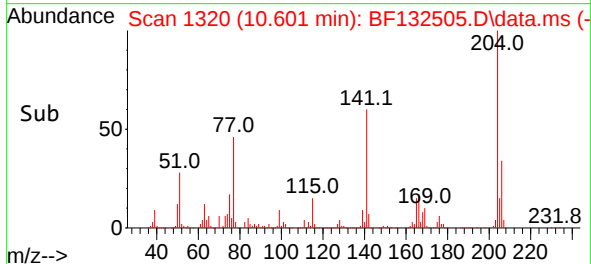
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



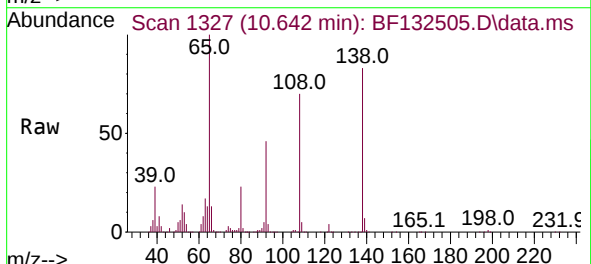
Tgt Ion:204 Resp: 647652
Ion Ratio Lower Upper
204 100
206 33.8 26.3 39.5
141 60.4 47.8 71.8

Manual Integrations
APPROVED

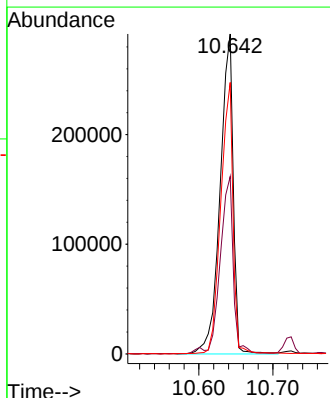
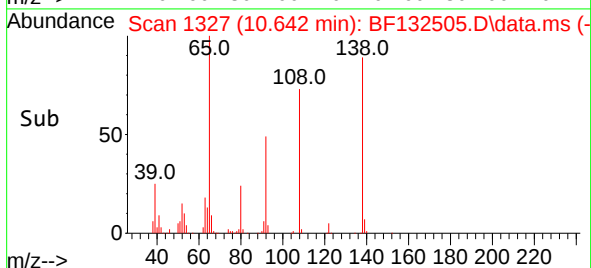
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

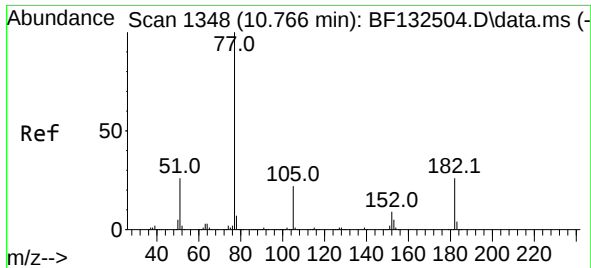


#62
4-Nitroaniline
Concen: 48.321 ng
RT: 10.642 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



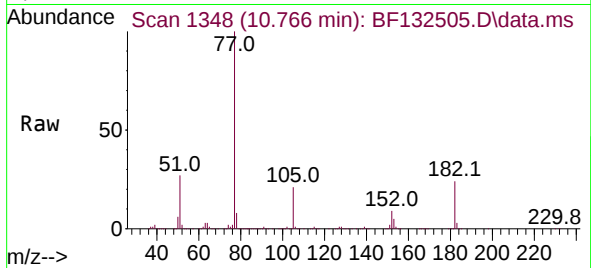
Tgt Ion:138 Resp: 357575
Ion Ratio Lower Upper
138 100
92 55.4 33.8 73.8
108 84.8 63.7 103.7





#63
Azobenzene
Concen: 46.957 ng
RT: 10.766 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

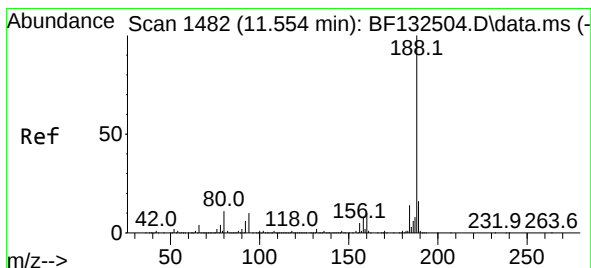
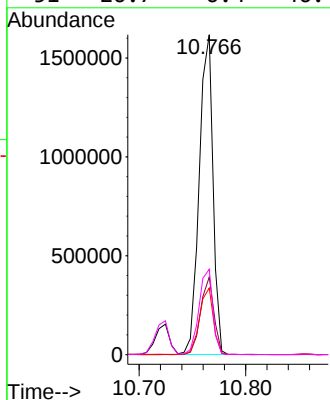
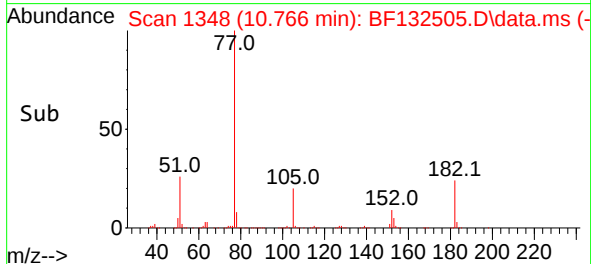
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



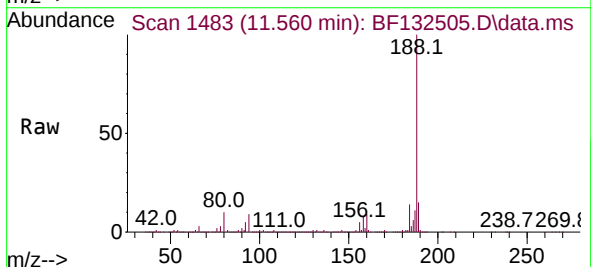
Tgt Ion: 77 Resp: 1444887
Ion Ratio Lower Upper
77 100
182 24.2 5.5 45.5
105 20.9 1.8 41.8
51 26.7 6.4 46.4

Manual Integrations
APPROVED

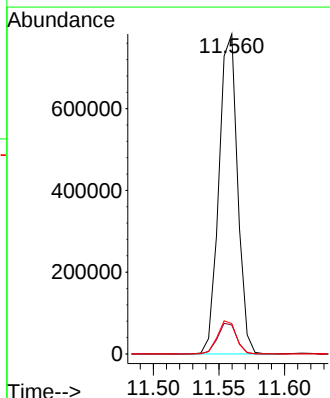
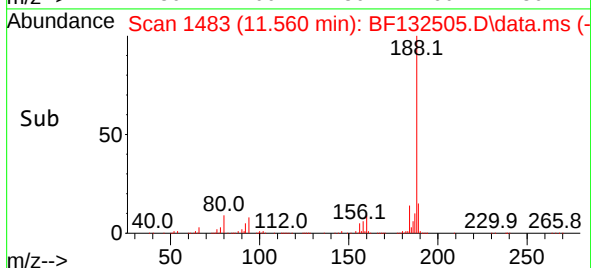
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

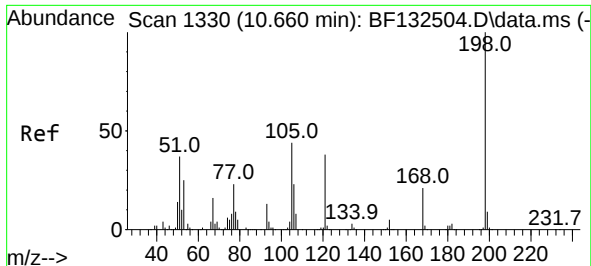


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.560 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



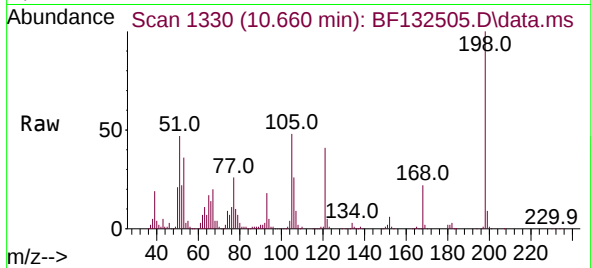
Tgt Ion:188 Resp: 775561
Ion Ratio Lower Upper
188 100
94 9.0 8.3 12.5
80 9.5 8.7 13.1





#65
4,6-Dinitro-2-methylphenol
Concen: 51.754 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

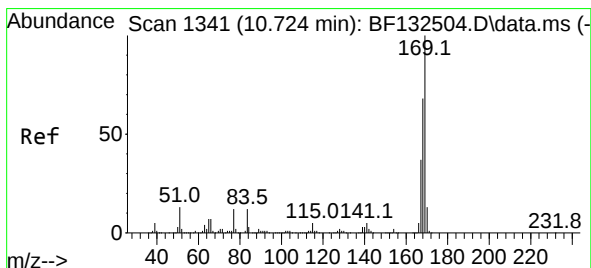
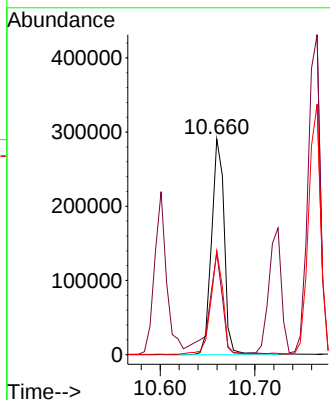
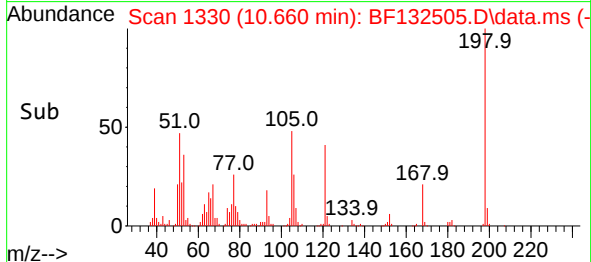
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 271718
Ion Ratio Lower Upper
198 100
51 47.3 20.6 60.6
105 48.1 24.3 64.3

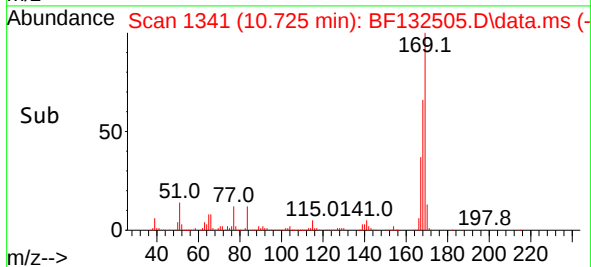
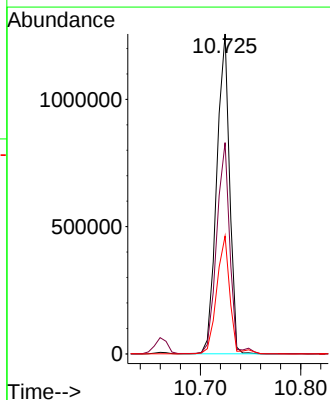
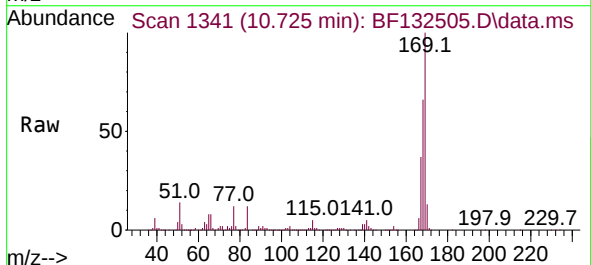
Manual Integrations
APPROVED

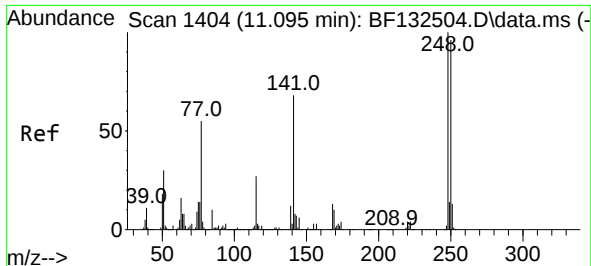
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#66
n-Nitrosodiphenylamine
Concen: 46.511 ng
RT: 10.725 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

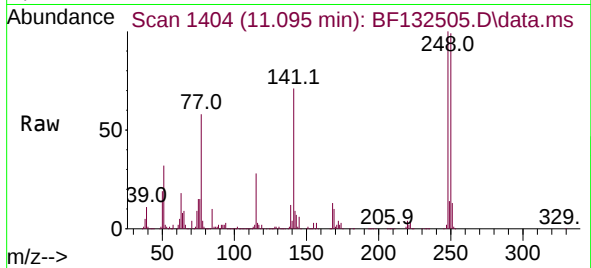
Tgt Ion:169 Resp: 1124585
Ion Ratio Lower Upper
169 100
168 66.0 54.2 81.4
167 36.8 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 47.331 ng
RT: 11.095 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

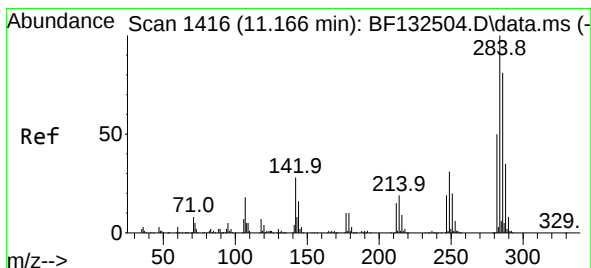
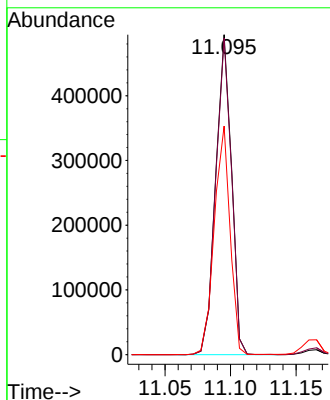
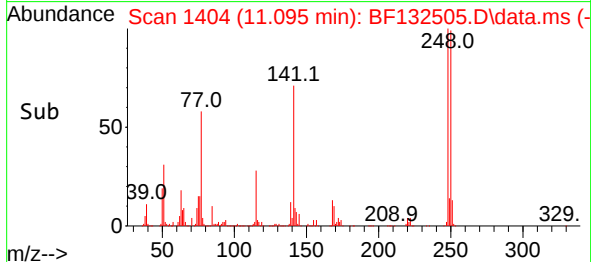
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



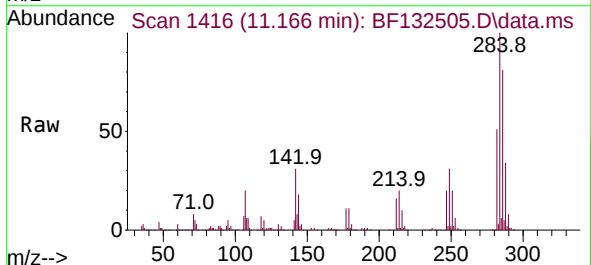
Tgt Ion:248 Resp: 415225
Ion Ratio Lower Upper
248 100
250 98.9 77.0 115.4
141 71.4 54.2 81.2

Manual Integrations
APPROVED

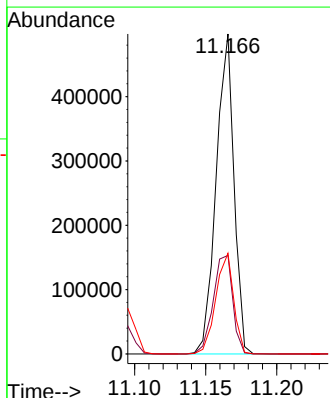
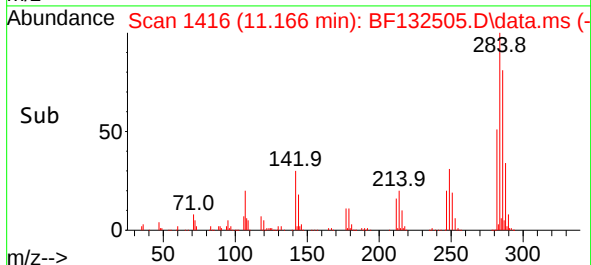
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

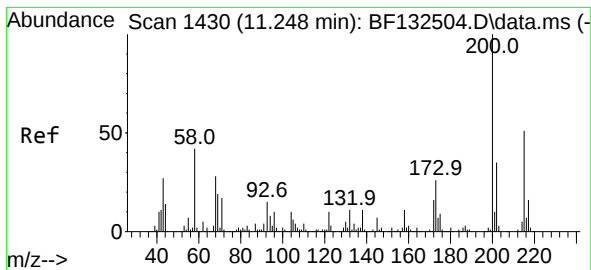


#68
Hexachlorobenzene
Concen: 47.058 ng
RT: 11.166 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



Tgt Ion:284 Resp: 434391
Ion Ratio Lower Upper
284 100
142 30.8 22.2 33.4
249 31.4 24.9 37.3





#69

Atrazine

Concen: 46.594 ng

RT: 11.248 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF132505.D

Acq: 22 Feb 2023 14:52

Instrument :

BNA_F

ClientSampleId :

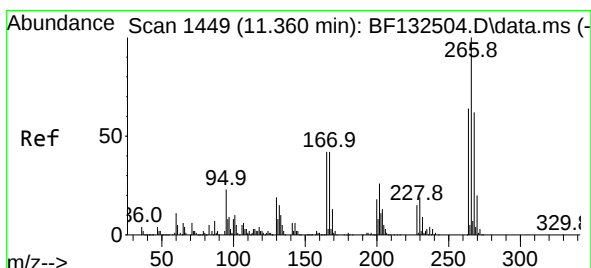
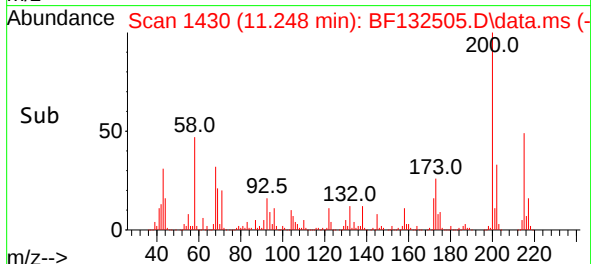
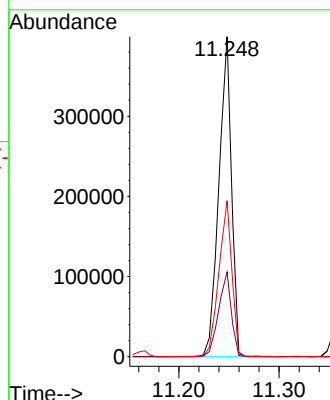
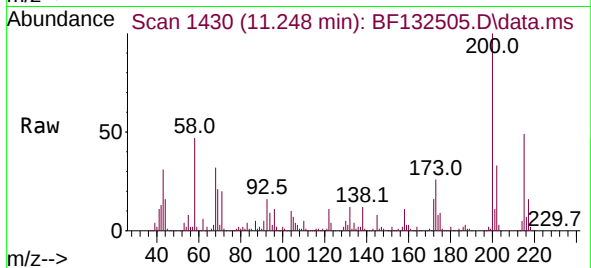
SSTDICC050

Tgt Ion:200 Resp: 351707
 Ion Ratio Lower Upper
 200 100
 173 26.4 6.4 46.4
 215 48.7 31.0 71.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023



#70

Pentachlorophenol

Concen: 52.838 ng

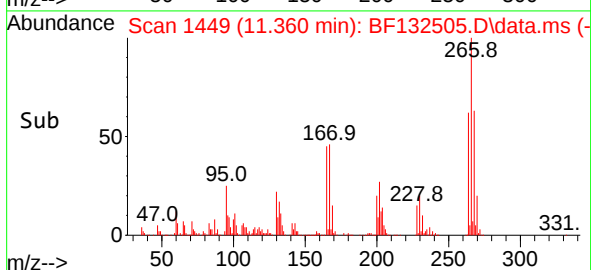
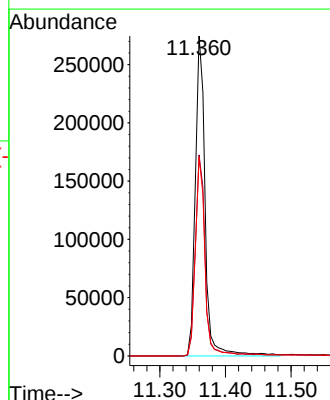
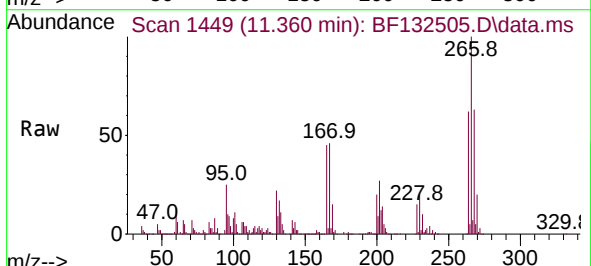
RT: 11.360 min Scan# 1449

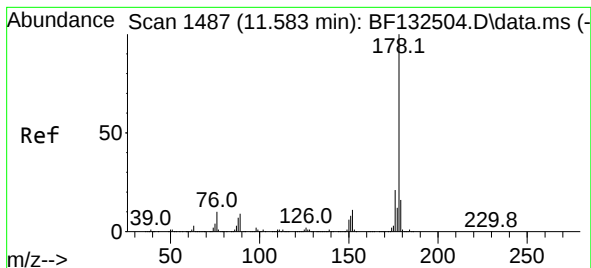
Delta R.T. -0.000 min

Lab File: BF132505.D

Acq: 22 Feb 2023 14:52

Tgt Ion:266 Resp: 285969
 Ion Ratio Lower Upper
 266 100
 268 62.8 49.8 74.6
 264 62.2 50.9 76.3





#71

Phenanthrene

Concen: 45.794 ng

RT: 11.583 min Scan# 1487

Delta R.T. 0.000 min

Lab File: BF132505.D

Acq: 22 Feb 2023 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:178 Resp: 1839892

Ion Ratio Lower Upper

178 100

176 20.1 16.5 24.7

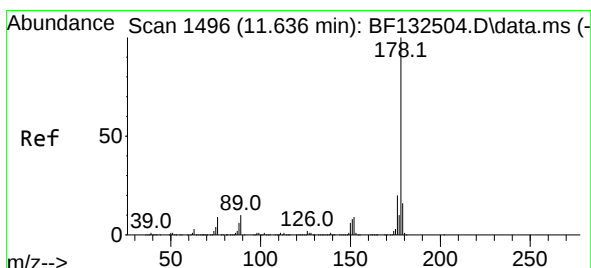
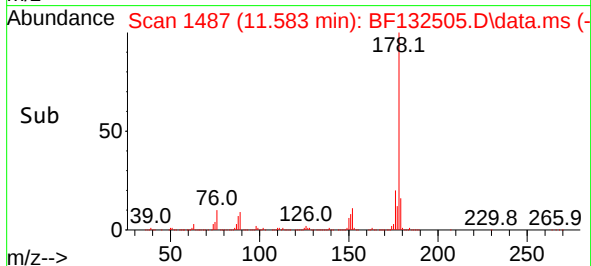
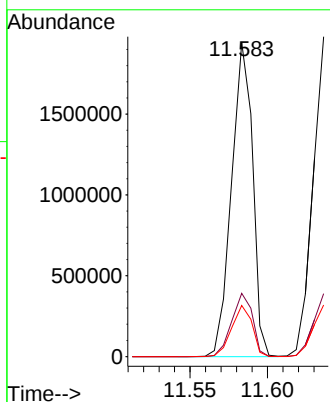
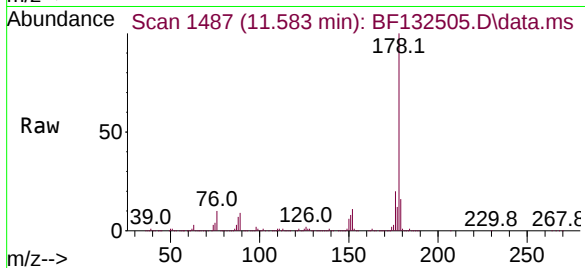
179 16.3 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#72

Anthracene

Concen: 45.963 ng

RT: 11.636 min Scan# 1496

Delta R.T. 0.000 min

Lab File: BF132505.D

Acq: 22 Feb 2023 14:52

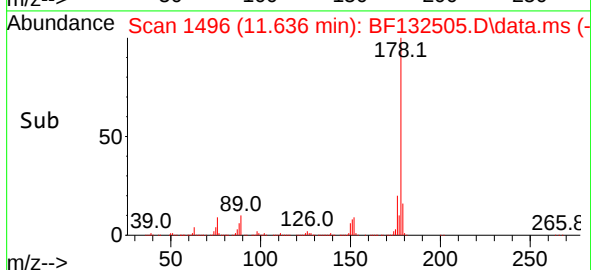
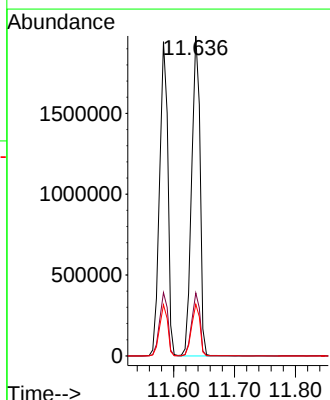
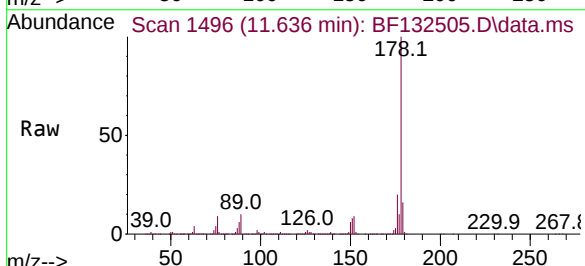
Tgt Ion:178 Resp: 1901684

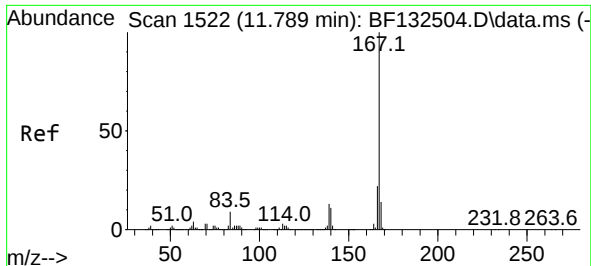
Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

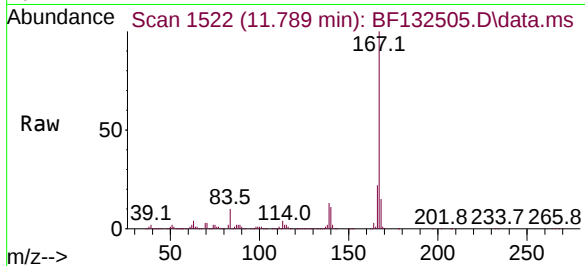
179 16.1 12.5 18.7





#73
 Carbazole
 Concen: 45.735 ng
 RT: 11.789 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: BF132505.D
 Acq: 22 Feb 2023 14:52

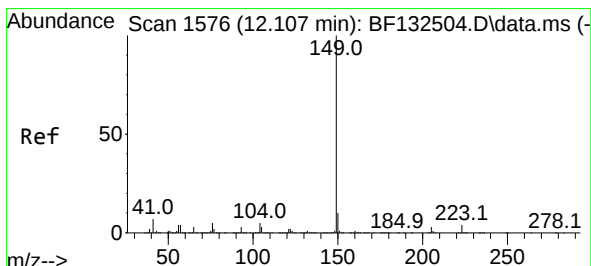
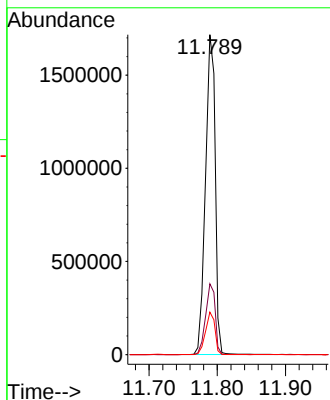
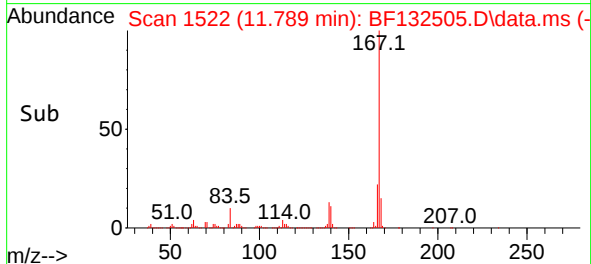
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



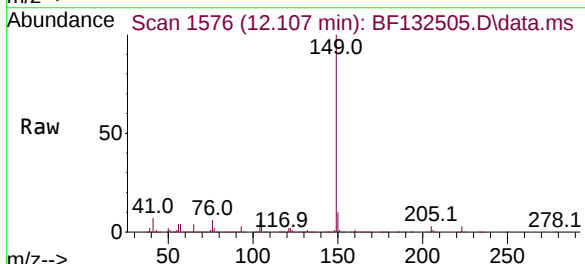
Tgt Ion:167 Resp: 1706055
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.3 10.5 15.7

Manual Integrations
 APPROVED

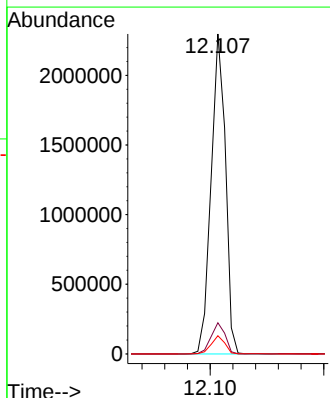
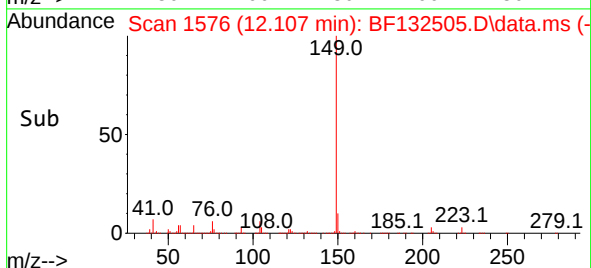
Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023

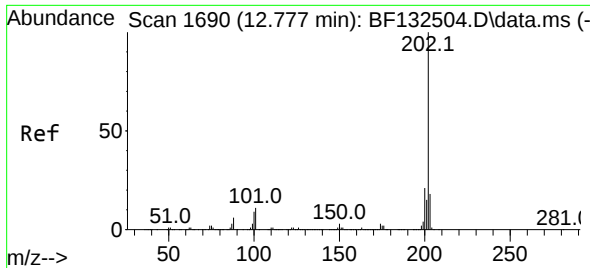


#74
 Di-n-butylphthalate
 Concen: 46.136 ng
 RT: 12.107 min Scan# 1576
 Delta R.T. 0.000 min
 Lab File: BF132505.D
 Acq: 22 Feb 2023 14:52



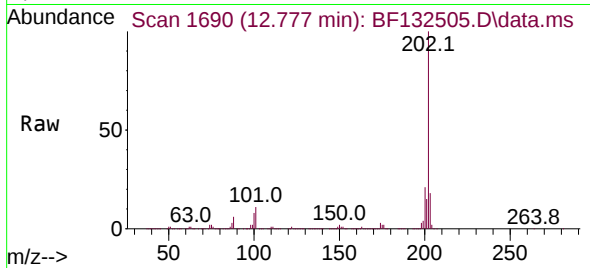
Tgt Ion:149 Resp: 2018772
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 5.7 4.3 6.5





#75
Fluoranthene
Concen: 45.662 ng
RT: 12.777 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

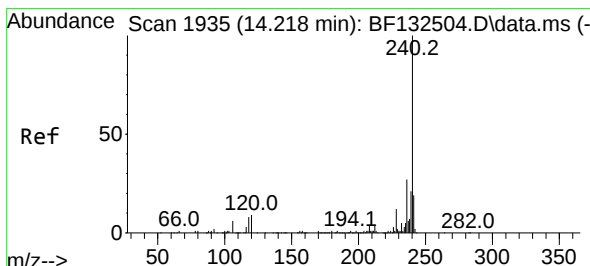
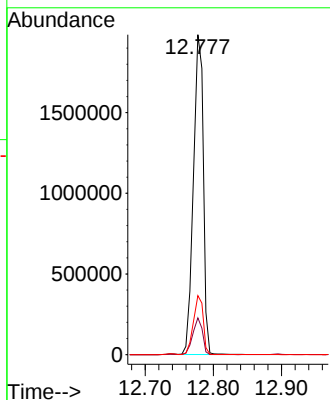
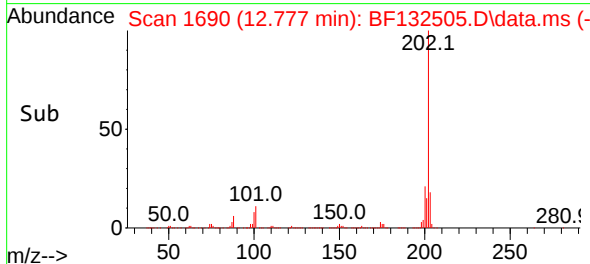
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 2005584
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 18.4 0.0 38.0

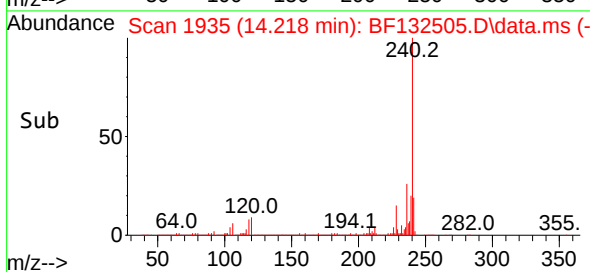
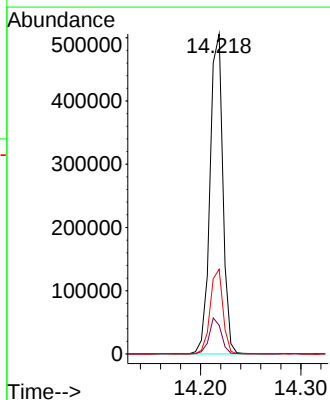
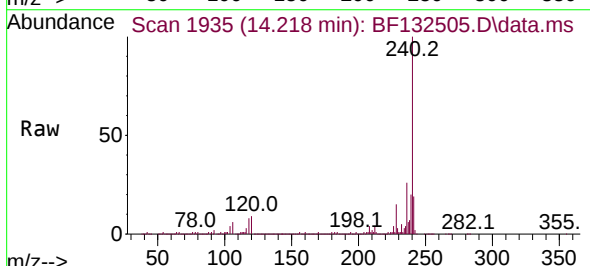
Manual Integrations
APPROVED

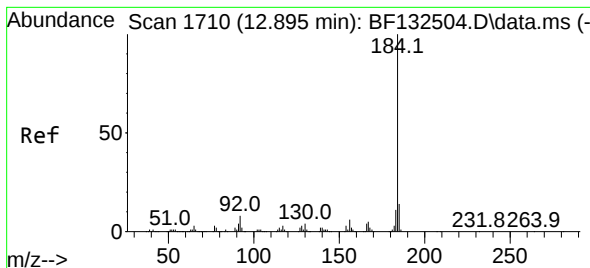
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.218 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

Tgt Ion:240 Resp: 450337
Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 26.5 21.8 32.6





#77

Benzidine

Concen: 54.813 ng

RT: 12.895 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BF132505.D

Acq: 22 Feb 2023 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:184 Resp: 600883

Ion Ratio Lower Upper

184 100

185 15.2 11.7 17.5

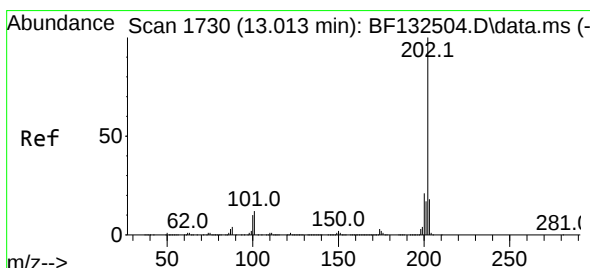
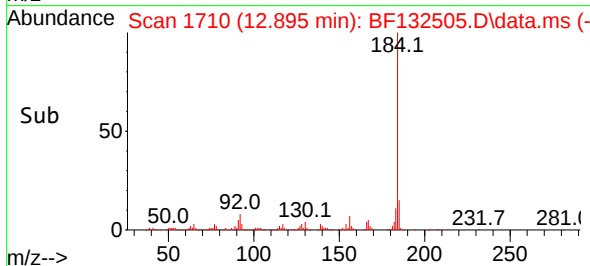
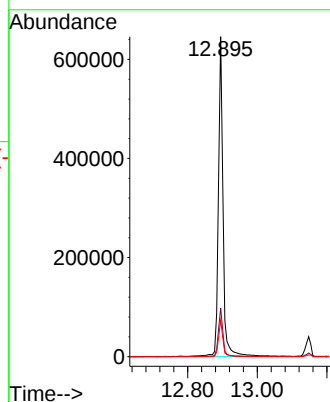
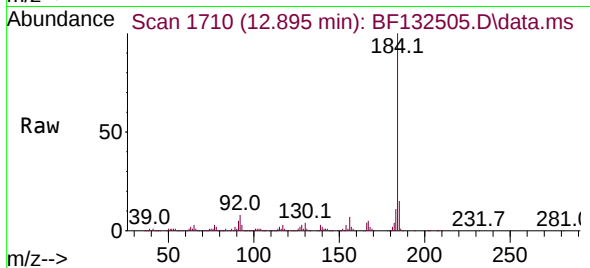
183 11.4 8.7 13.1

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#78

Pyrene

Concen: 49.658 ng

RT: 13.013 min Scan# 1730

Delta R.T. 0.000 min

Lab File: BF132505.D

Acq: 22 Feb 2023 14:52

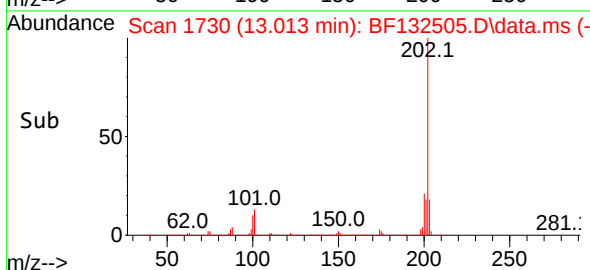
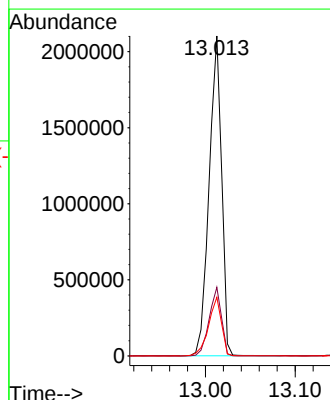
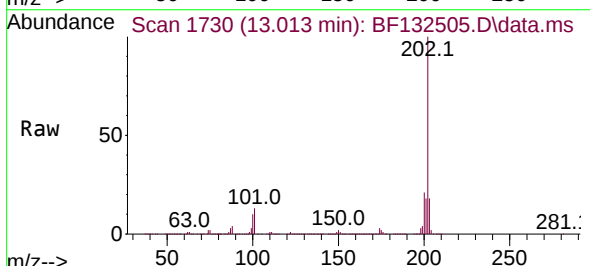
Tgt Ion:202 Resp: 2033178

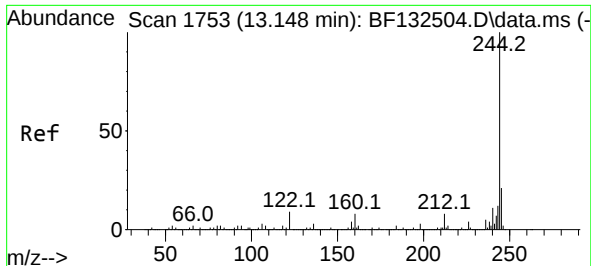
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

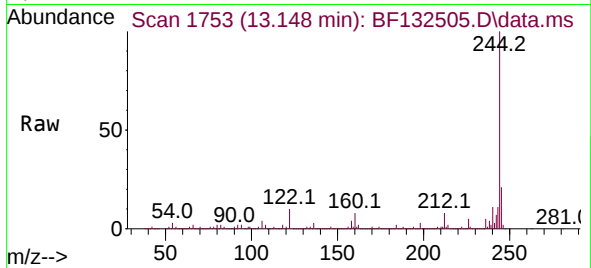
203 18.3 14.6 21.8





#79
 Terphenyl-d14
 Concen: 96.972 ng
 RT: 13.148 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: BF132505.D
 Acq: 22 Feb 2023 14:52

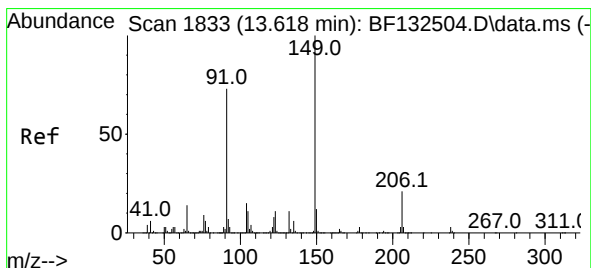
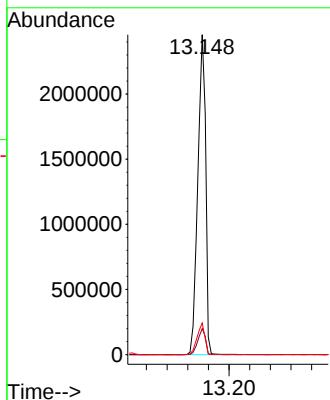
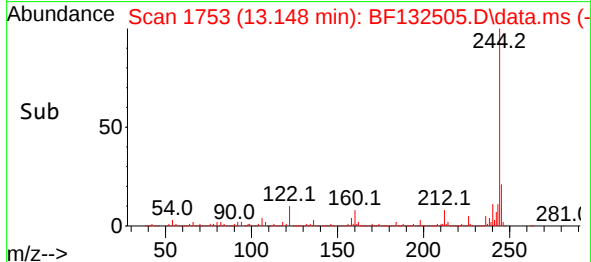
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



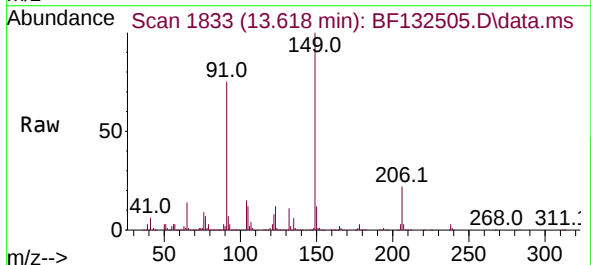
Tgt Ion:244 Resp: 258288
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.9 7.5 11.3

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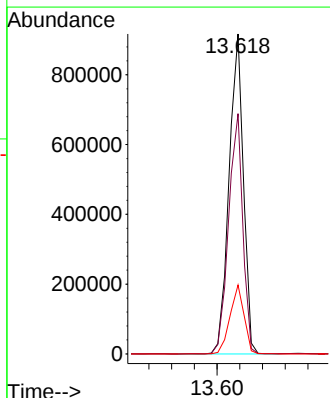
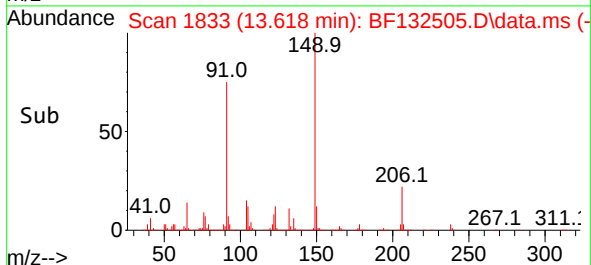
Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023

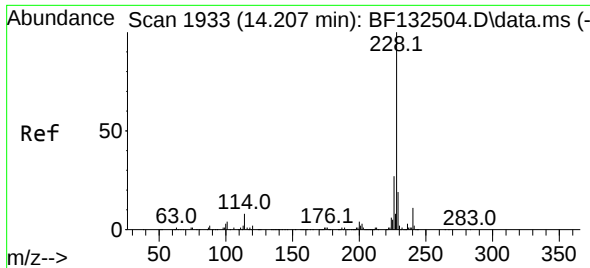


#80
 Butylbenzylphthalate
 Concen: 49.825 ng
 RT: 13.618 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF132505.D
 Acq: 22 Feb 2023 14:52



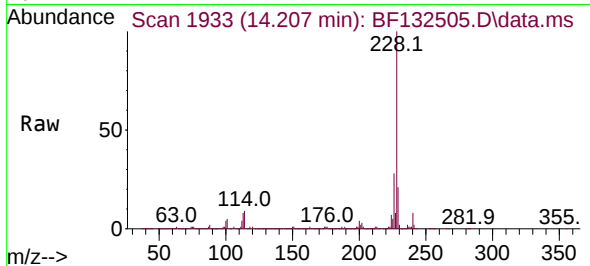
Tgt Ion:149 Resp: 805030
 Ion Ratio Lower Upper
 149 100
 91 75.1 58.4 87.6
 206 21.5 16.8 25.2





#81
Benzo(a)anthracene
Concen: 47.884 ng
RT: 14.207 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

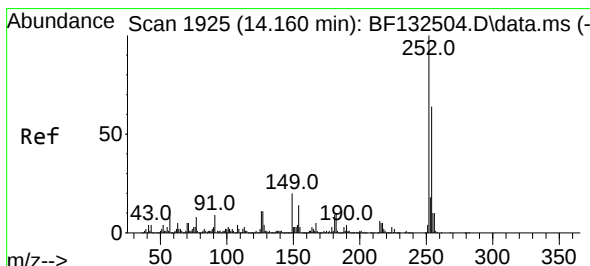
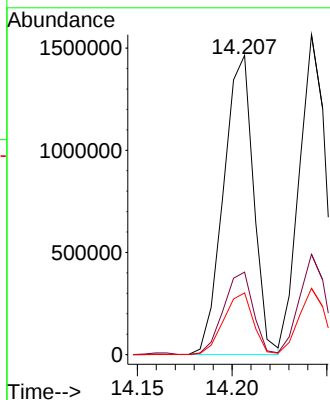
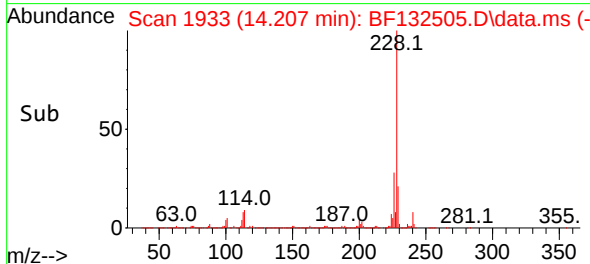
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



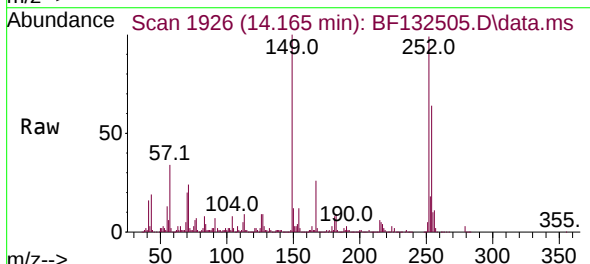
Tgt Ion:228 Resp: 1613469
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.6 15.4 23.2

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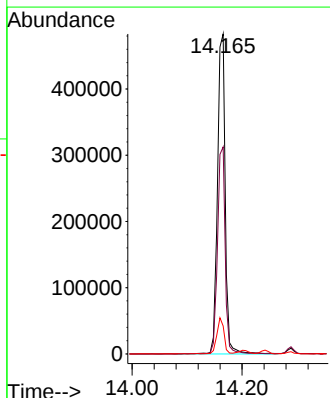
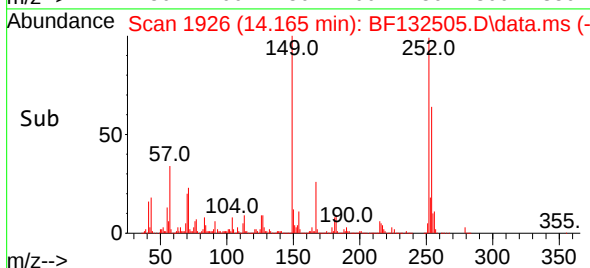
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

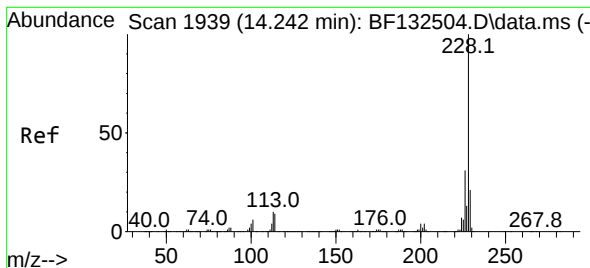


#82
3,3'-Dichlorobenzidine
Concen: 47.313 ng
RT: 14.165 min Scan# 1926
Delta R.T. 0.006 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



Tgt Ion:252 Resp: 470004
Ion Ratio Lower Upper
252 100
254 64.7 51.4 77.2
126 8.7 8.9 13.3#





#83

Chrysene

Concen: 46.943 ng

RT: 14.242 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF132505.D

Acq: 22 Feb 2023 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 1479146

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

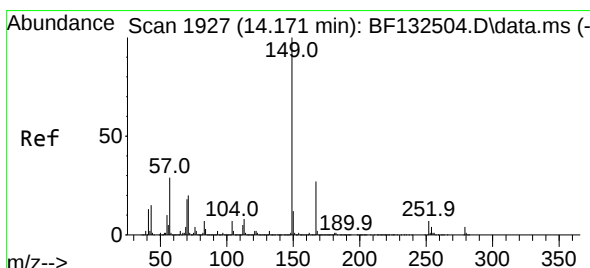
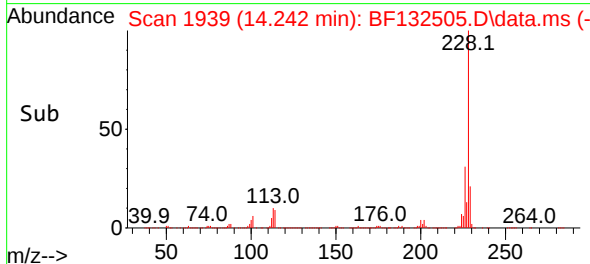
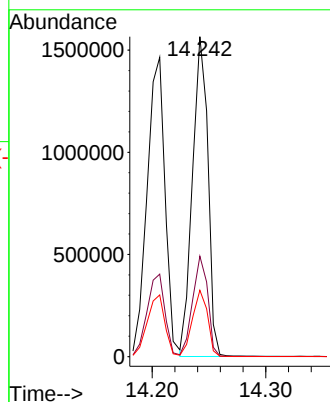
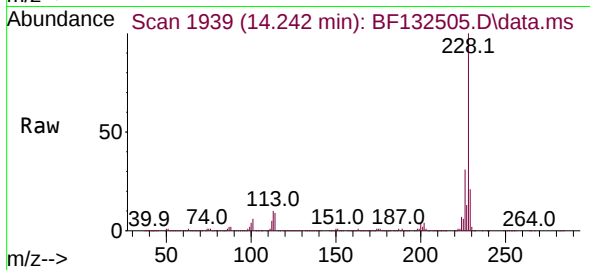
229 20.7 16.4 24.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.703 ng

RT: 14.171 min Scan# 1927

Delta R.T. 0.000 min

Lab File: BF132505.D

Acq: 22 Feb 2023 14:52

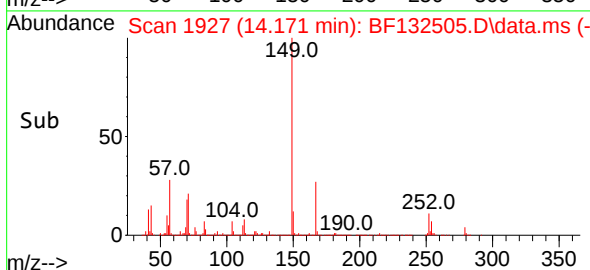
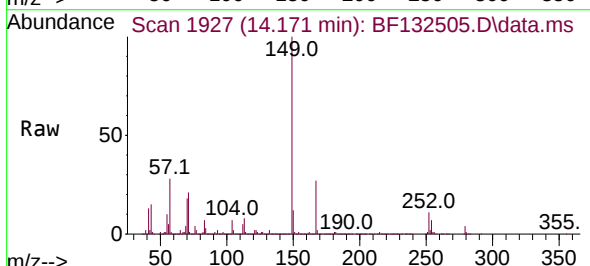
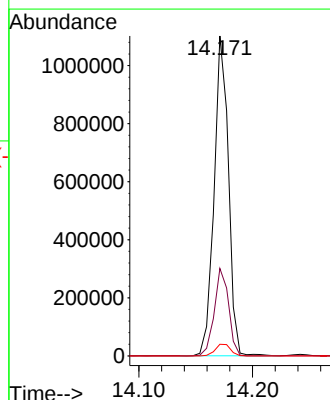
Tgt Ion:149 Resp: 966676

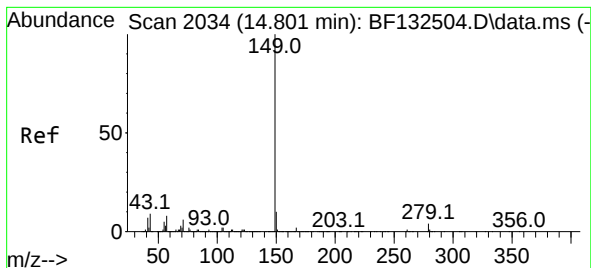
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.6

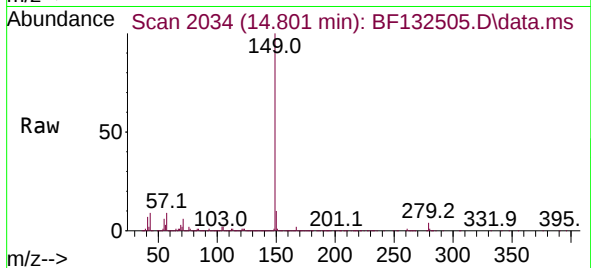
279 3.6 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 48.527 ng
RT: 14.801 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

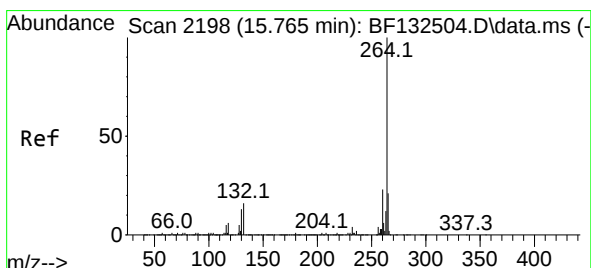
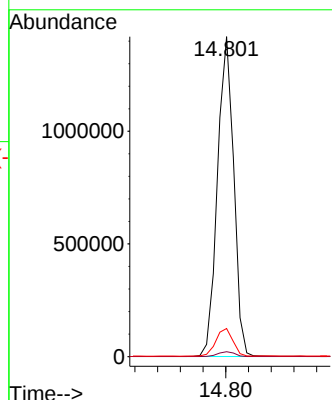
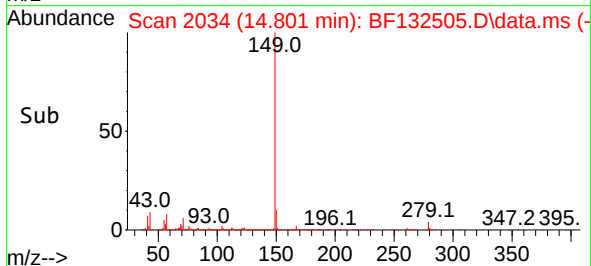
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



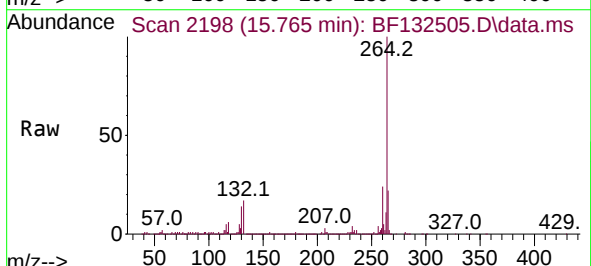
Tgt Ion:149 Resp: 1407480
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.0 7.2 10.8

Manual Integrations
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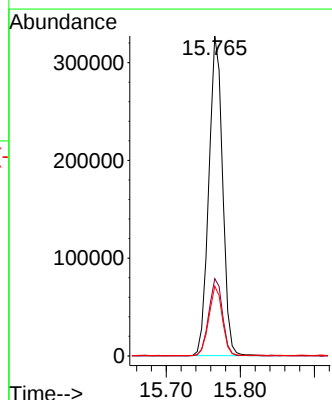
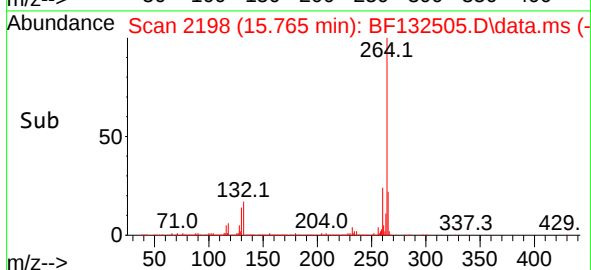
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

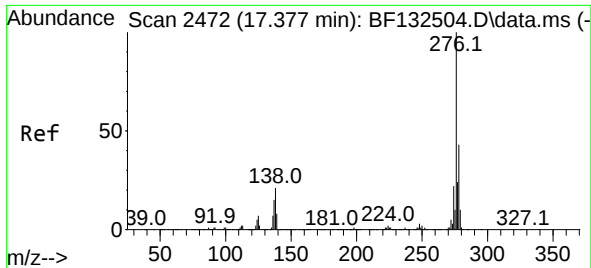


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.765 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



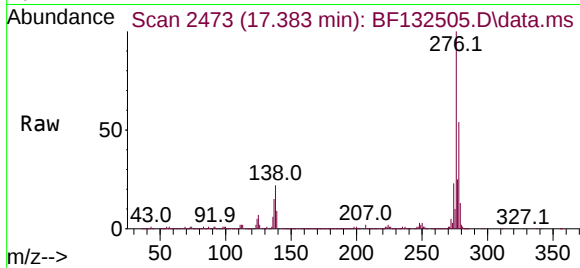
Tgt Ion:264 Resp: 421871
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.8 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.274 ng
 RT: 17.383 min Scan# 2472
 Delta R.T. 0.006 min
 Lab File: BF132505.D
 Acq: 22 Feb 2023 14:52

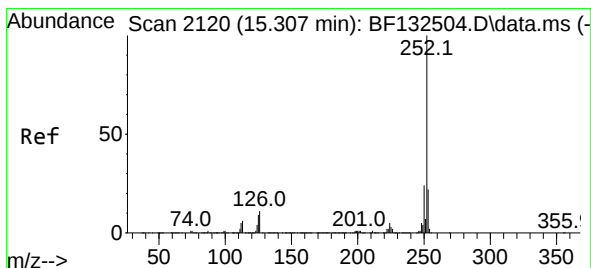
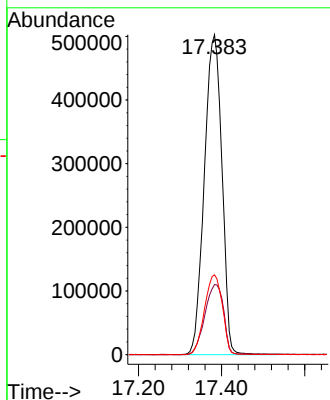
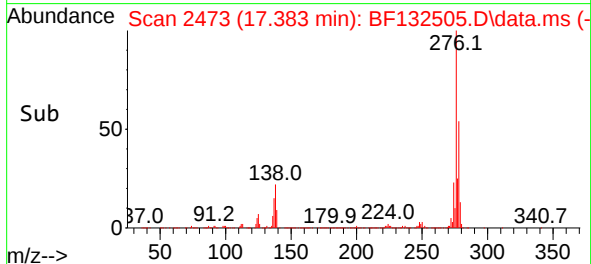
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



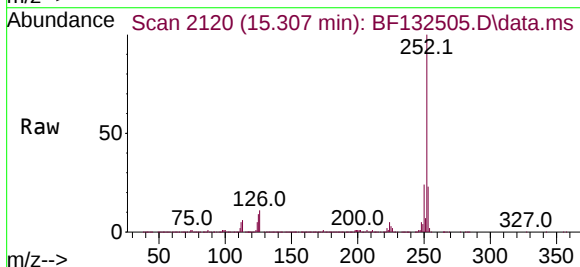
Tgt Ion:276 Resp: 1472655
 Ion Ratio Lower Upper
 276 100
 138 23.4 19.0 28.4
 277 25.4 20.0 30.0

Manual Integrations
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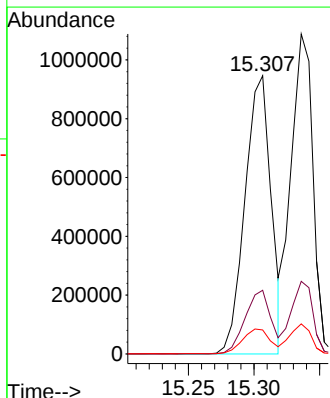
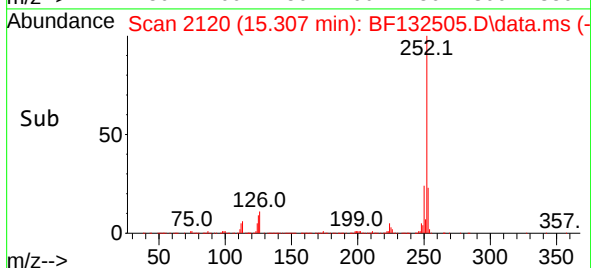
Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023

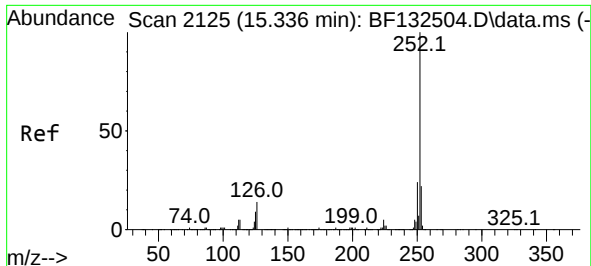


#88
 Benzo(b)fluoranthene
 Concen: 46.367 ng
 RT: 15.307 min Scan# 2120
 Delta R.T. 0.000 min
 Lab File: BF132505.D
 Acq: 22 Feb 2023 14:52



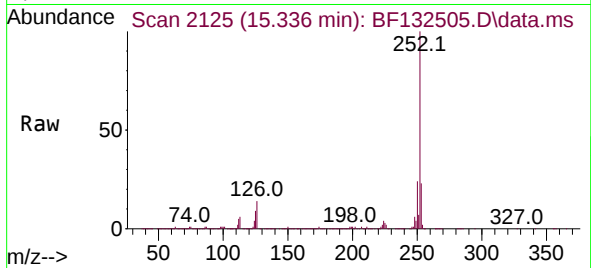
Tgt Ion:252 Resp: 1310869
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.4 26.0
 125 8.6 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 46.040 ng
RT: 15.336 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

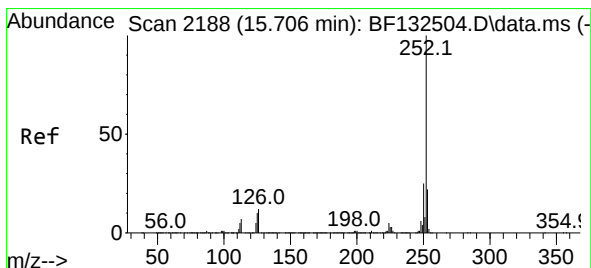
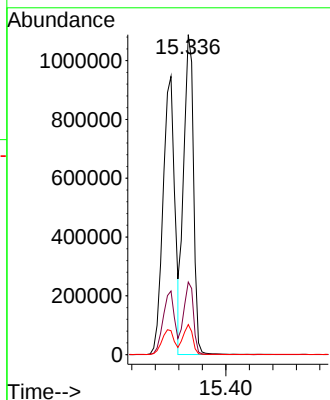
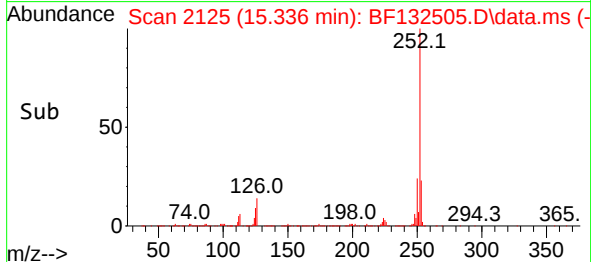
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



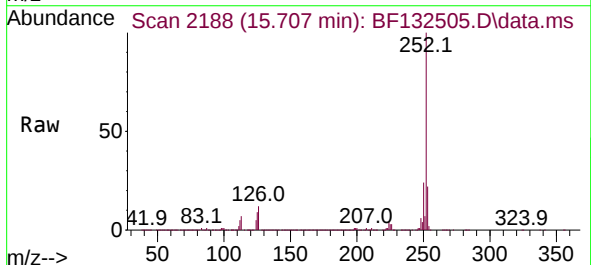
Tgt Ion:252 Resp: 1273899
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 9.4 7.2 10.8

Manual Integrations
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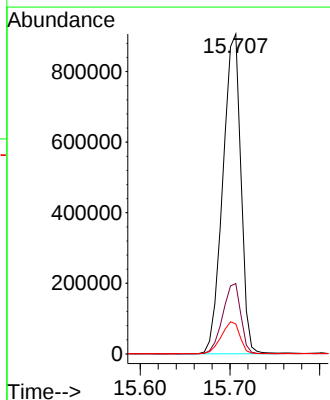
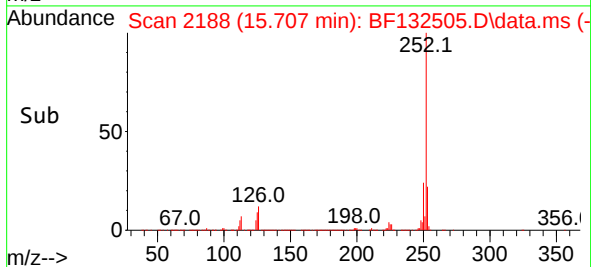
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

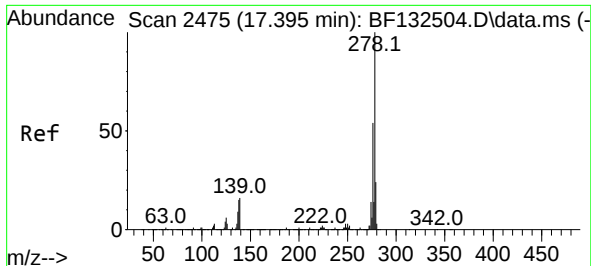


#90
Benzo(a)pyrene
Concen: 48.068 ng
RT: 15.707 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52



Tgt Ion:252 Resp: 1271871
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.4 8.0 12.0





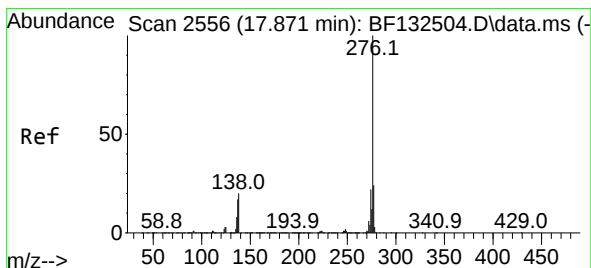
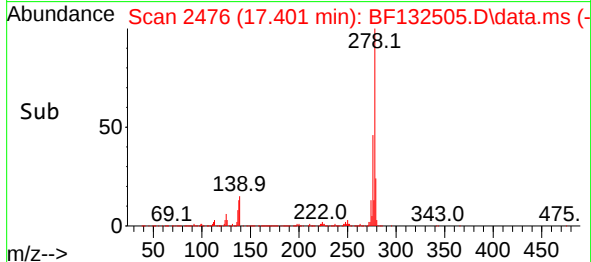
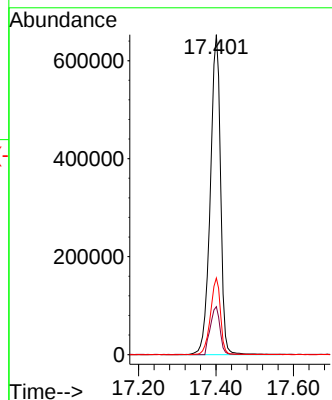
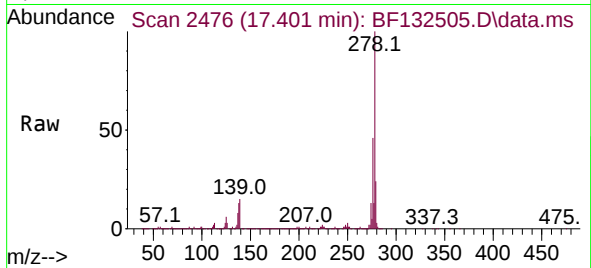
#91
Dibenzo(a,h)anthracene
Concen: 52.997 ng
RT: 17.401 min Scan# 2475
Delta R.T. 0.006 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 1193618
Ion Ratio Lower Upper
278 100
139 15.0 13.0 19.4
279 23.9 19.0 28.4

Manual Integrations
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Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#92
Benzo(g,h,i)perylene
Concen: 49.052 ng
RT: 17.877 min Scan# 2557
Delta R.T. 0.006 min
Lab File: BF132505.D
Acq: 22 Feb 2023 14:52

Tgt Ion:276 Resp: 1249446
Ion Ratio Lower Upper
276 100
277 24.6 18.9 28.3
138 21.2 16.2 24.4

