

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132644.D
 Acq On : 06 Mar 2023 11:59
 Operator : CG\JU
 Sample : PB151233BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151233BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 03/07/2023
 Supervised By :Jagrut
 Upadhyay
 03/07/2023

Quant Time: Mar 07 00:52:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	235989	20.000	ng	0.00
21) Naphthalene-d8	8.292	136	874849	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	462755	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	874075	20.000	ng	0.00
76) Chrysene-d12	14.210	240	505100	20.000	ng	0.00
86) Perylene-d12	15.762	264	447593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1695821	116.627	ng	0.00
7) Phenol-d6	6.639	99	2167497	114.219	ng	0.00
23) Nitrobenzene-d5	7.575	82	1437575	77.962	ng	0.00
42) 2,4,6-Tribromophenol	10.851	330	608364	121.732	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	2182164	71.803	ng	0.00
79) Terphenyl-d14	13.139	244	2616711	87.590	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.951	88	239348	29.758	ng	97
3) Pyridine	3.704	79	661619	30.989	ng	94
4) n-Nitrosodimethylamine	3.675	42	312495	38.750	ng	87
6) Aniline	6.663	93	881188	34.505	ng	96
8) 2-Chlorophenol	6.787	128	701400	46.477	ng	98
9) Benzaldehyde	6.551	77	137123	13.391	ng	97
10) Phenol	6.651	94	858982	39.482	ng	99
11) bis(2-Chloroethyl)ether	6.734	93	727726	43.329	ng	96
12) 1,3-Dichlorobenzene	6.945	146	692382	42.753	ng	97
13) 1,4-Dichlorobenzene	7.022	146	687759	42.531	ng	98
14) 1,2-Dichlorobenzene	7.175	146	671812	43.289	ng	98
15) Benzyl Alcohol	7.145	79	628506	43.005	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.275	45	870039	40.622	ng	99
17) 2-Methylphenol	7.257	107	568253	40.346	ng	99
18) Hexachloroethane	7.516	117	275331	43.582	ng	96
19) n-Nitroso-di-n-propyla...	7.416	70	438414	37.539	ng	95
20) 3+4-Methylphenols	7.410	107	634935	34.894	ng	94
22) Acetophenone	7.416	105	871883	39.524	ng	# 87
24) Nitrobenzene	7.592	77	766299	38.857	ng	100
25) Isophorone	7.828	82	1426821	40.360	ng	99
26) 2-Nitrophenol	7.904	139	375923	43.204	ng	97
27) 2,4-Dimethylphenol	7.939	122	561989	40.923	ng	99
28) bis(2-Chloroethoxy)met...	8.034	93	829896	40.129	ng	98
29) 2,4-Dichlorophenol	8.145	162	556591	40.744	ng	98
30) 1,2,4-Trichlorobenzene	8.228	180	627574	42.307	ng	99
31) Naphthalene	8.316	128	1758755	39.270	ng	99
32) Benzoic acid	8.075	122	465192	43.387	ng	96
33) 4-Chloroaniline	8.357	127	438859	22.867	ng	95
34) Hexachlorobutadiene	8.422	225	391234	41.505	ng	99
35) Caprolactam	8.745	113	204246m	45.351	ng	
36) 4-Chloro-3-methylphenol	8.839	107	612804	40.847	ng	96
37) 2-Methylnaphthalene	9.004	142	1162716	38.095	ng	100
38) 1-Methylnaphthalene	9.104	142	1088371	38.157	ng	99
40) 1,2,4,5-Tetrachloroben...	9.169	216	621096	41.023	ng	100
41) Hexachlorocyclopentadiene	9.151	237	632702	77.047	ng	98
43) 2,4,6-Trichlorophenol	9.281	196	427784	41.692	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.333	196	456574	38.126	ng	98
46) 1,1'-Biphenyl	9.469	154	1375453	39.270	ng	99
47) 2-Chloronaphthalene	9.498	162	1133562	40.820	ng	100
48) 2-Nitroaniline	9.592	65	399153	39.027	ng	96
49) Acenaphthylene	9.916	152	1723087	38.988	ng	100
50) Dimethylphthalate	9.769	163	1350562	40.083	ng	99
51) 2,6-Dinitrotoluene	9.833	165	321895	41.949	ng	98
52) Acenaphthene	10.086	154	1246388m	44.413	ng	
53) 3-Nitroaniline	10.004	138	266766	31.078	ng	99
54) 2,4-Dinitrophenol	10.122	184	406942	84.060	ng	# 90
55) Dibenzofuran	10.263	168	1563318	38.211	ng	99
56) 4-Nitrophenol	10.175	139	510443	79.738	ng	95
57) 2,4-Dinitrotoluene	10.245	165	422112	41.348	ng	95
58) Fluorene	10.604	166	1217627	38.909	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.380	232	386019	43.393	ng	98
60) Diethylphthalate	10.469	149	1284172	39.024	ng	100
61) 4-Chlorophenyl-phenyle...	10.592	204	631449	38.896	ng	97
62) 4-Nitroaniline	10.633	138	345321	40.983	ng	95
63) Azobenzene	10.751	77	1306478	37.487	ng	98
65) 4,6-Dinitro-2-methylph...	10.657	198	255244	43.137	ng	96
66) n-Nitrosodiphenylamine	10.716	169	1091273	40.047	ng	99
67) 4-Bromophenyl-phenylether	11.086	248	408639	41.330	ng	96
68) Hexachlorobenzene	11.157	284	455802	43.812	ng	99
69) Atrazine	11.239	200	368207	43.282	ng	97
70) Pentachlorophenol	11.351	266	481588	77.804	ng	99
71) Phenanthrene	11.574	178	1788887	39.506	ng	100
72) Anthracene	11.627	178	1824114	39.119	ng	100
73) Carbazole	11.780	167	1714618	40.784	ng	100
74) Di-n-butylphthalate	12.098	149	1887682	38.278	ng	100
75) Fluoranthene	12.769	202	1930215	38.993	ng	99
77) Benzidine	12.886	184	504531	41.034	ng	99
78) Pyrene	13.004	202	1988693	43.305	ng	100
80) Butylbenzylphthalate	13.610	149	749943	41.383	ng	98
81) Benzo(a)anthracene	14.198	228	1558680	41.243	ng	97
82) 3,3'-Dichlorobenzidine	14.157	252	390393	35.038	ng	# 98
83) Chrysene	14.239	228	1437849	40.685	ng	100
84) Bis(2-ethylhexyl)phtha...	14.163	149	878083	39.443	ng	99
85) Di-n-octyl phthalate	14.792	149	1307236	40.184	ng	98
87) Indeno(1,2,3-cd)pyrene	17.374	276	1471745	50.182	ng	99
88) Benzo(b)fluoranthene	15.298	252	1422003	47.407	ng	99
89) Benzo(k)fluoranthene	15.333	252	1256738	42.810	ng	99
90) Benzo(a)pyrene	15.698	252	1194244	42.540	ng	98
91) Dibenzo(a,h)anthracene	17.392	278	1194906	50.005	ng	97
92) Benzo(g,h,i)perylene	17.862	276	1267090	46.957	ng	99

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

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Giraldo

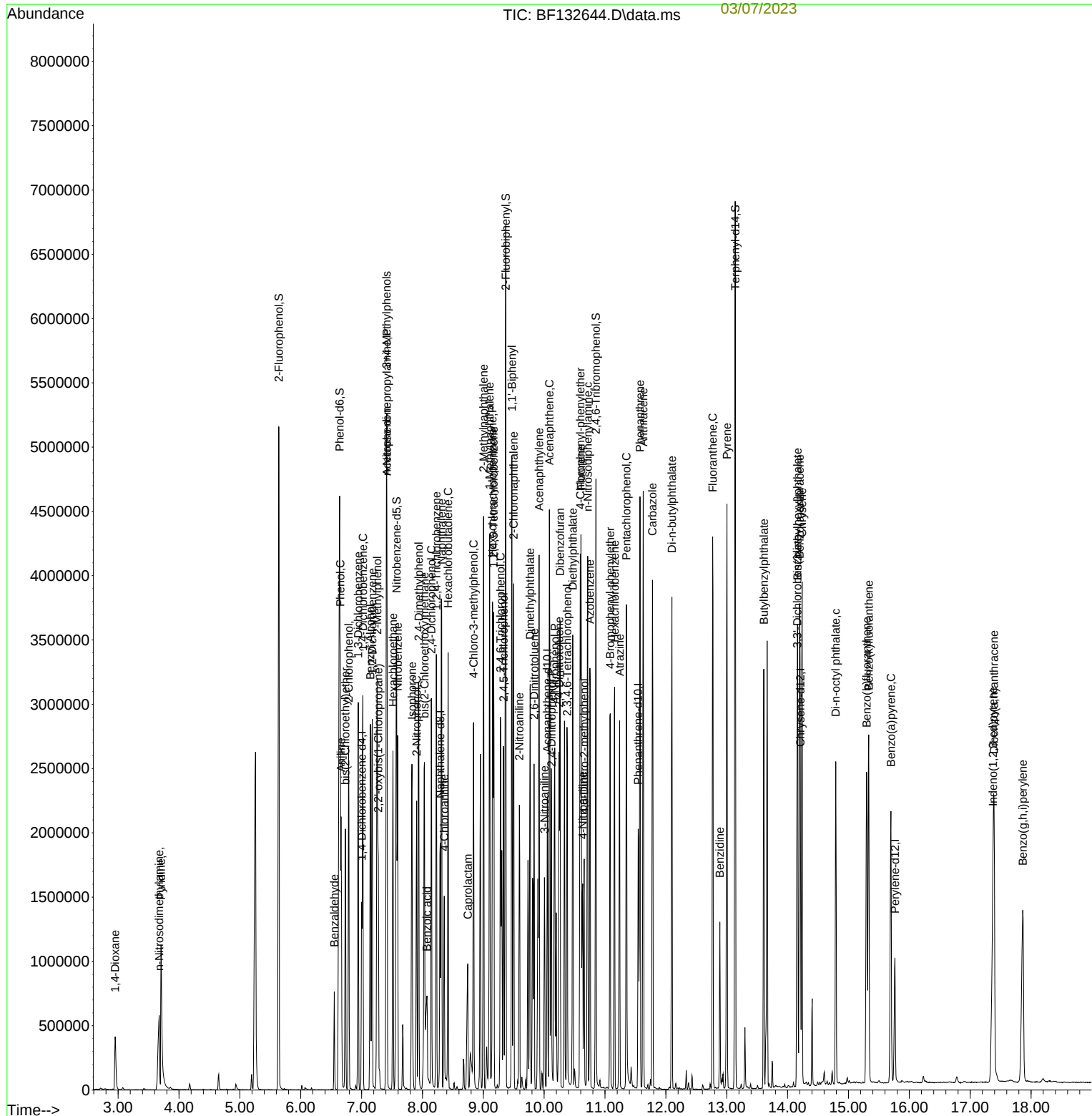
03/07/2023

Supervised By :Jagrut

Upadhyay

03/07/2023

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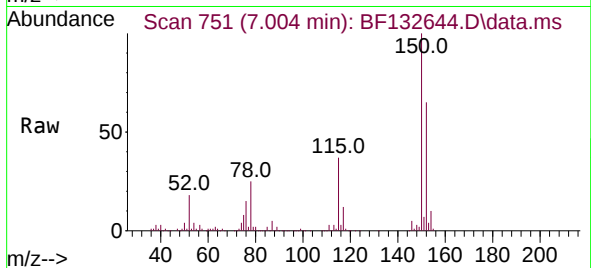
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 71
Delta R.T. -0.003 min
Lab File: BF132644.D
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Instrument :

BNA_F

ClientSampleId :

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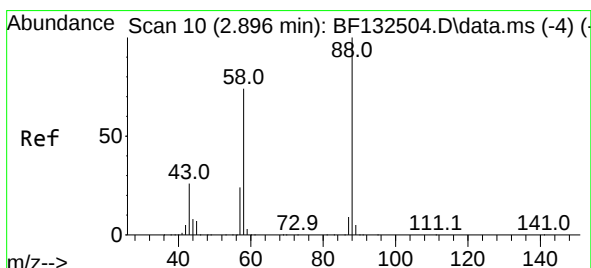
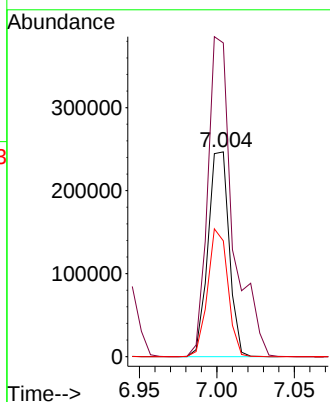
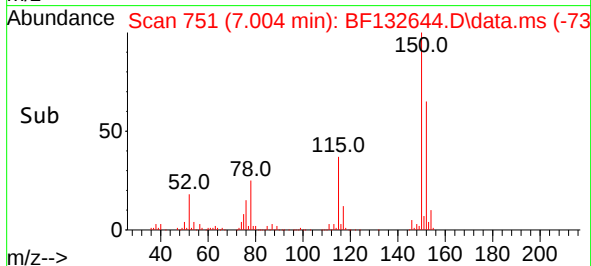


Tgt Ion:152 Resp: 235989
Ion Ratio Lower Upper
152 100
150 153.2 125.4 188.2
115 56.5 47.8 71.6

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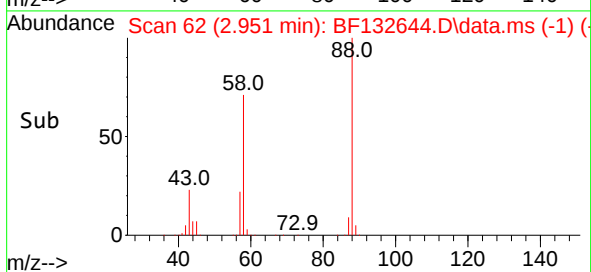
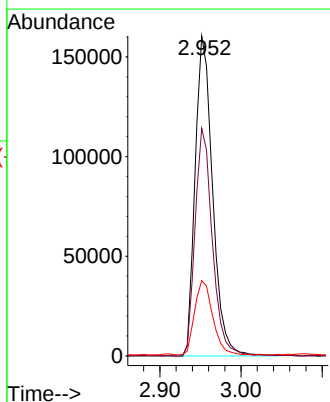
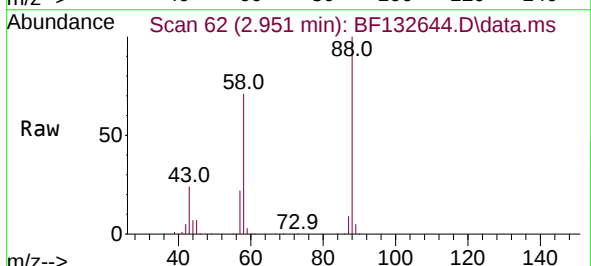
Reviewed By :Christian
Giraldo
03/07/2023

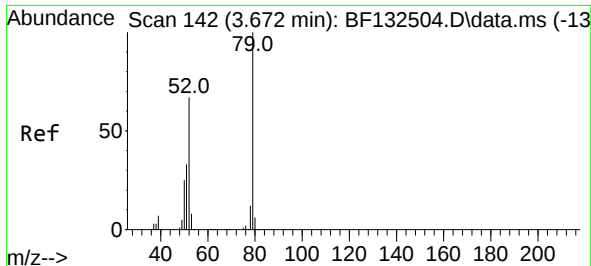
Supervised By :Jagrut
Upadhyay
03/07/2023



#2
1,4-Dioxane
Concen: 29.758 ng
RT: 2.951 min Scan# 62
Delta R.T. 0.068 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

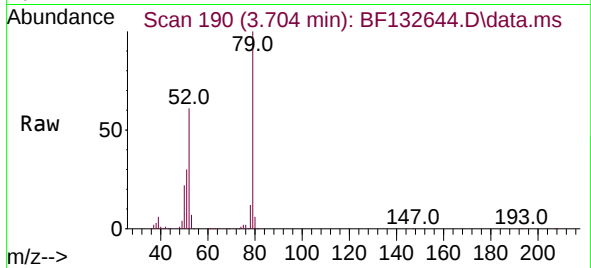
Tgt Ion: 88 Resp: 239348
Ion Ratio Lower Upper
88 100
58 70.5 58.3 87.5
43 24.3 20.7 31.1





#3
Pyridine
Concen: 30.989 ng
RT: 3.704 min Scan# 190
Delta R.T. 0.050 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

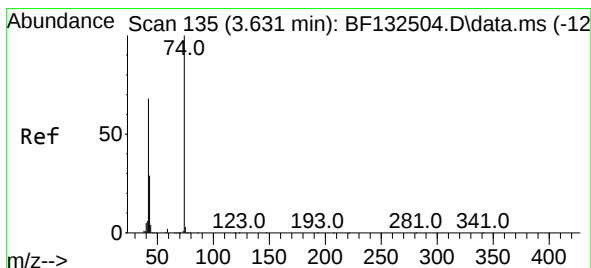
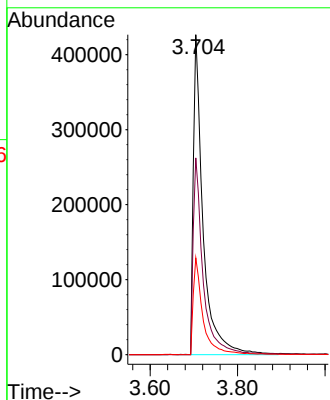
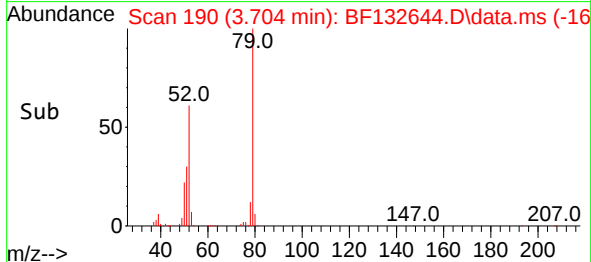
Instrument :
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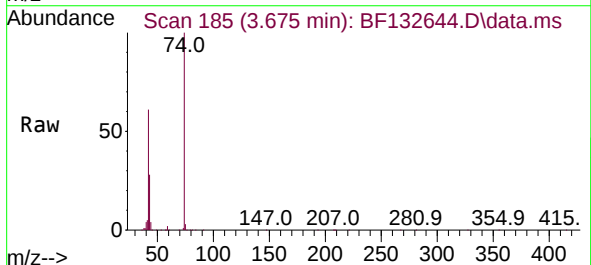
Tgt Ion: 79 Resp: 661619
Ion Ratio Lower Upper
79 100
52 61.5 53.7 80.5
51 30.2 26.6 40.0

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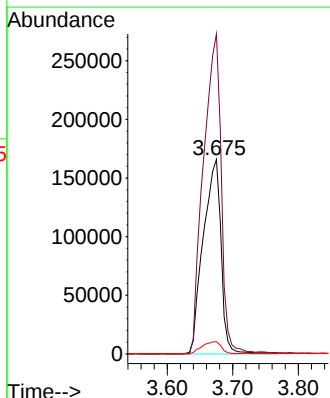
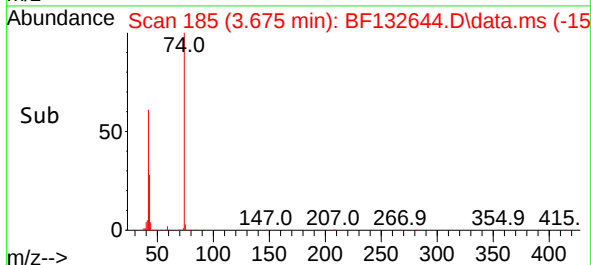
Reviewed By :Christian
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03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023



#4
n-Nitrosodimethylamine
Concen: 38.750 ng
RT: 3.675 min Scan# 185
Delta R.T. 0.050 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59



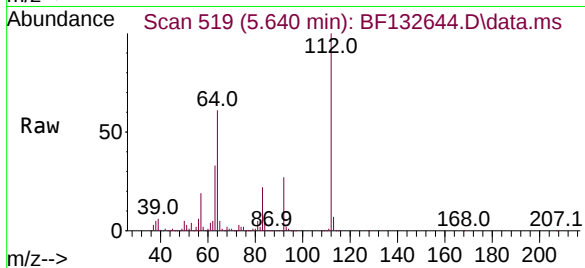
Tgt Ion: 42 Resp: 312495
Ion Ratio Lower Upper
42 100
74 164.5 118.2 177.2
44 6.2 5.3 7.9





#5
2-Fluorophenol
Concen: 116.627 ng
RT: 5.640 min Scan# 519
Delta R.T. 0.009 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

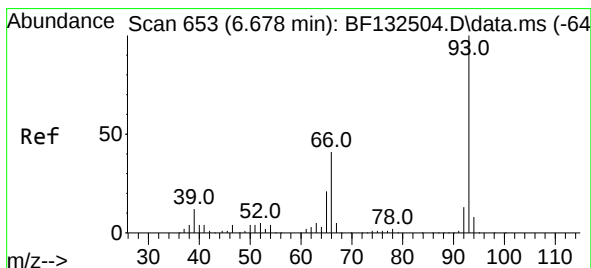
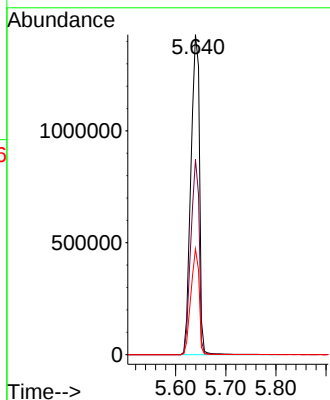
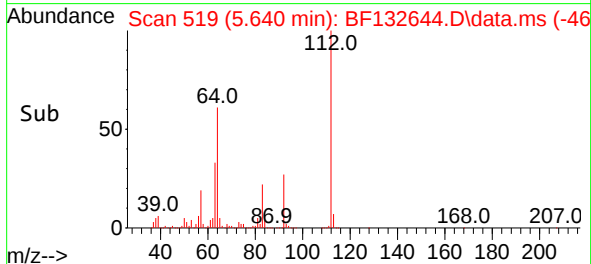
Instrument :
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Tgt Ion: 112 Resp: 1695821
Ion Ratio Lower Upper
112 100
64 61.0 51.6 77.4
63 33.0 27.4 41.2

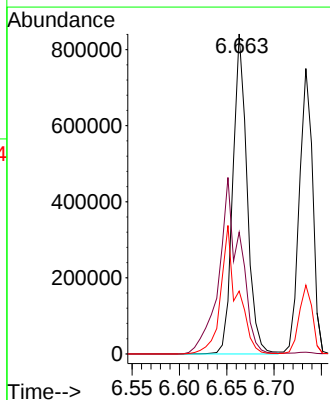
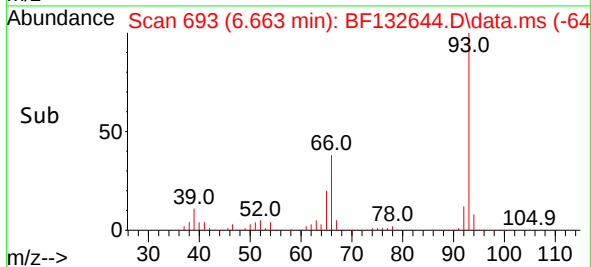
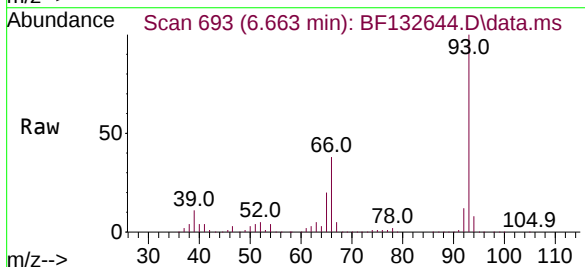
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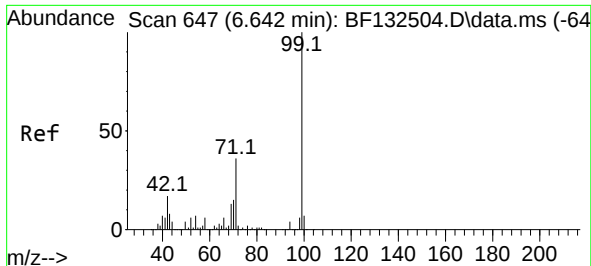
Reviewed By :Christian
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03/07/2023
Supervised By :Jagrut
Upadhyay
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#6
Aniline
Concen: 34.505 ng
RT: 6.663 min Scan# 693
Delta R.T. -0.009 min
Lab File: BF132644.D
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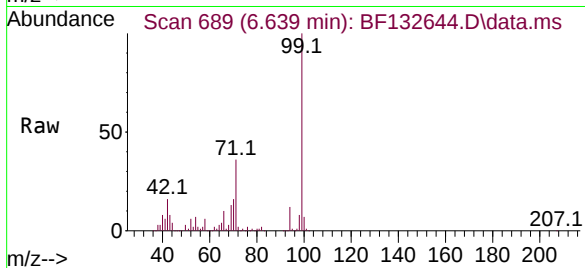
Tgt Ion: 93 Resp: 881188
Ion Ratio Lower Upper
93 100
66 38.0 32.5 48.7
65 19.6 16.6 24.8





#7
Phenol-d6
Concen: 114.219 ng
RT: 6.639 min Scan# 689
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

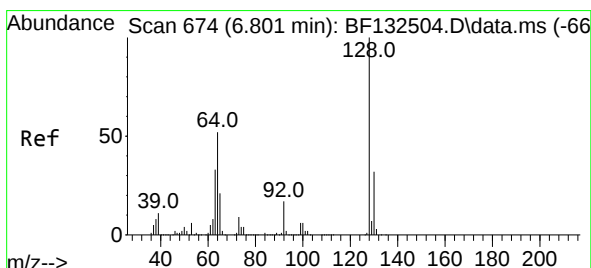
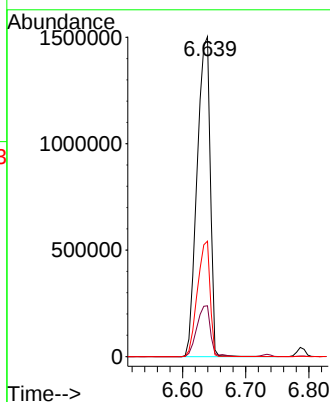
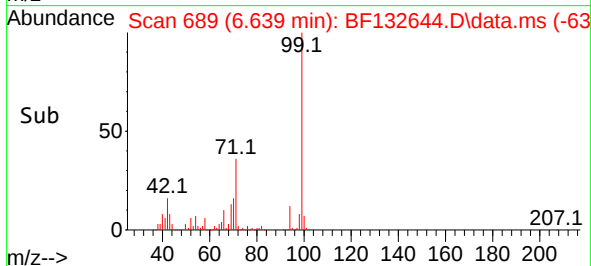
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Tgt Ion: 99 Resp: 216749
Ion Ratio Lower Upper
99 100
42 15.9 13.9 20.9
71 36.1 28.5 42.7

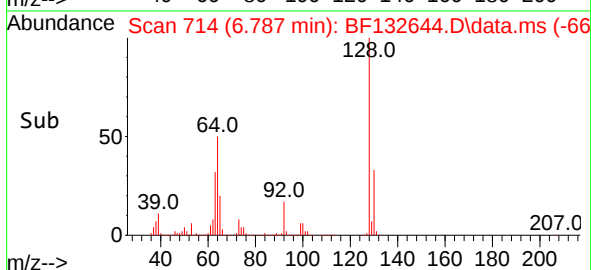
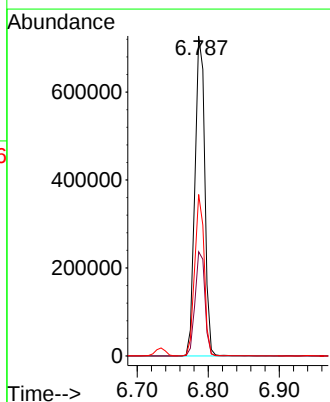
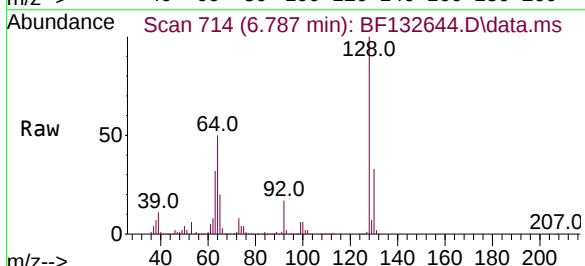
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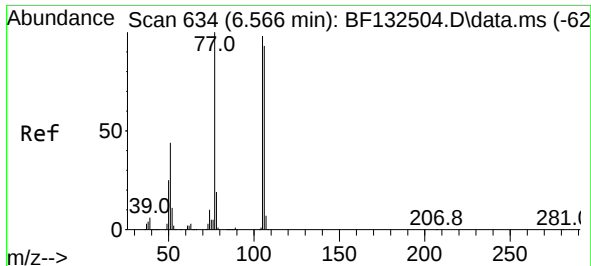
Reviewed By :Christian
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03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023



#8
2-Chlorophenol
Concen: 46.477 ng
RT: 6.787 min Scan# 714
Delta R.T. -0.009 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

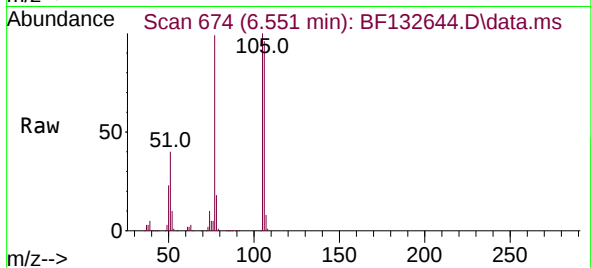
Tgt Ion:128 Resp: 701400
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 50.4 32.0 72.0





#9
Benzaldehyde
Concen: 13.391 ng
RT: 6.551 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132644.D
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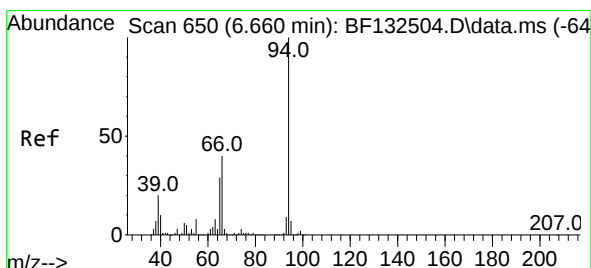
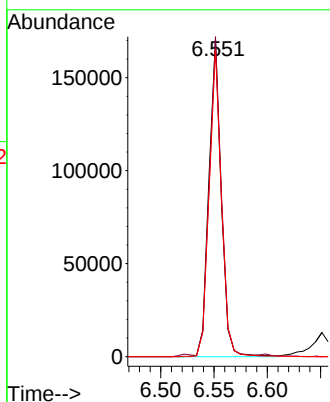
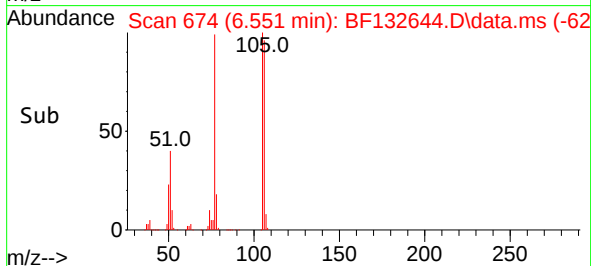
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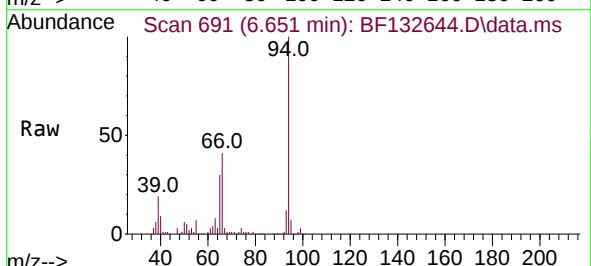
Tgt Ion: 77 Resp: 137123
Ion Ratio Lower Upper
77 100
105 100.6 77.9 117.9
106 96.6 73.4 113.4

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APPROVED

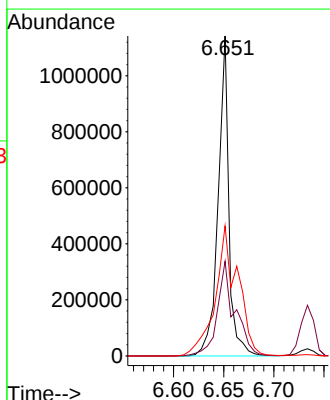
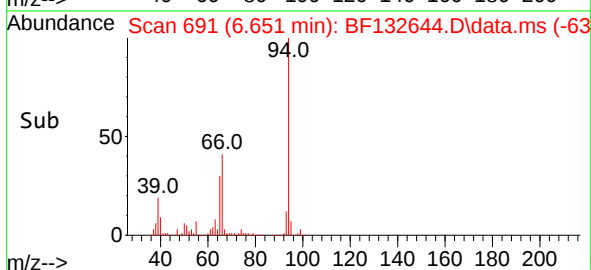
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023

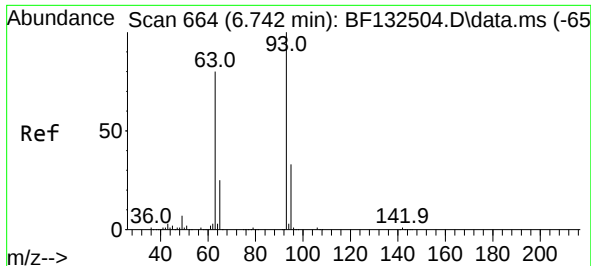


#10
Phenol
Concen: 39.482 ng
RT: 6.651 min Scan# 691
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59



Tgt Ion: 94 Resp: 858982
Ion Ratio Lower Upper
94 100
65 29.6 9.4 49.4
66 40.6 19.8 59.8





#11
bis(2-Chloroethyl)ether
Concen: 43.329 ng
RT: 6.734 min Scan# 705
Delta R.T. -0.009 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB151233BS

Tgt Ion: 93 Resp: 727726
Ion Ratio Lower Upper
93 100
63 74.9 59.6 99.6
95 33.3 12.8 52.8

Manual Integrations
APPROVED

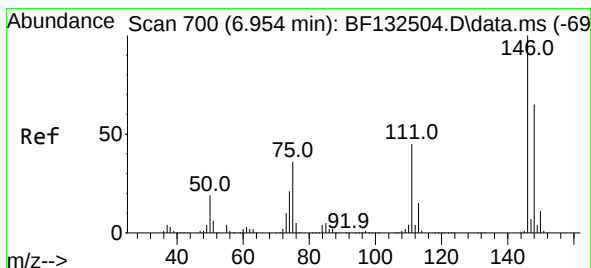
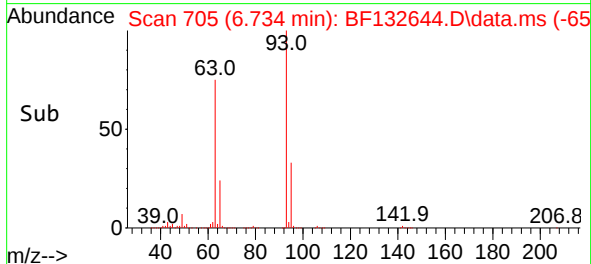
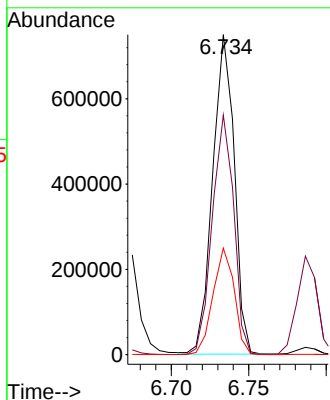
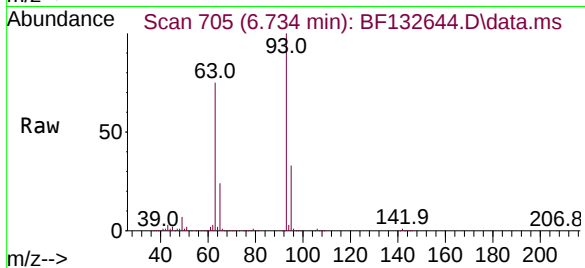
Reviewed By :Christian
Giraldo

03/07/2023

Supervised By :Jagrut

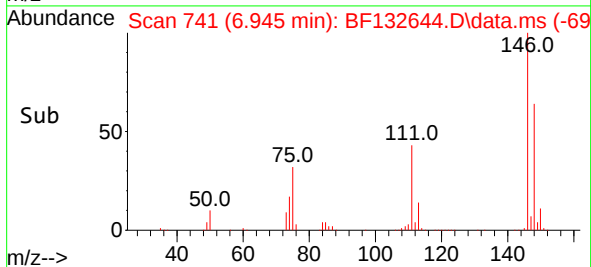
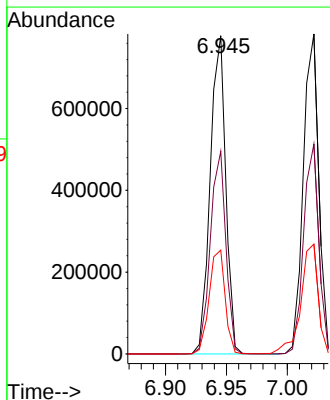
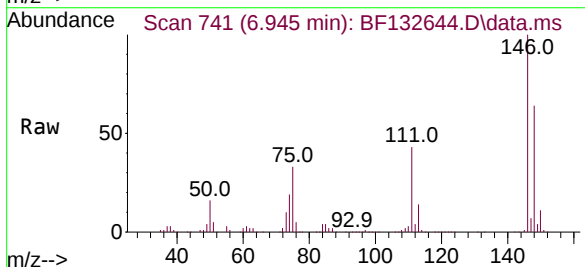
Upadhyay

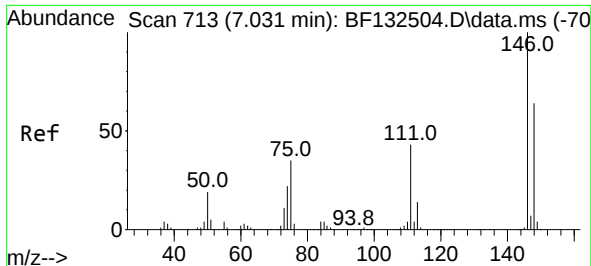
03/07/2023



#12
1,3-Dichlorobenzene
Concen: 42.753 ng
RT: 6.945 min Scan# 741
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Tgt Ion:146 Resp: 692382
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
75 32.6 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 42.531 ng

RT: 7.022 min Scan# 71

Delta R.T. -0.003 min

Lab File: BF132644.D

Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB151233BS

Tgt Ion:146 Resp: 687759

Ion Ratio Lower Upper

146 100

148 65.6 51.1 76.7

111 42.9 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Christian

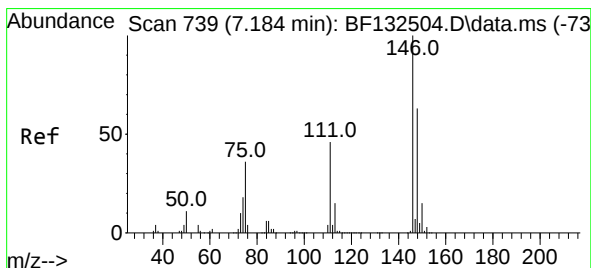
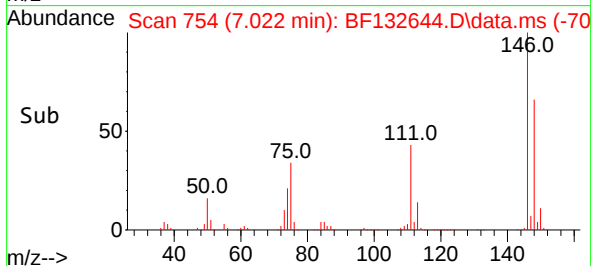
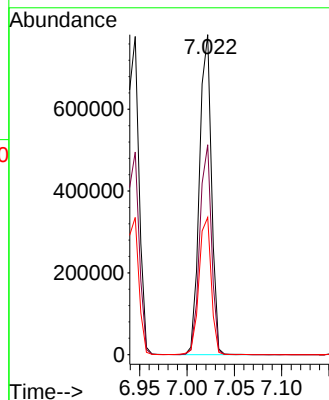
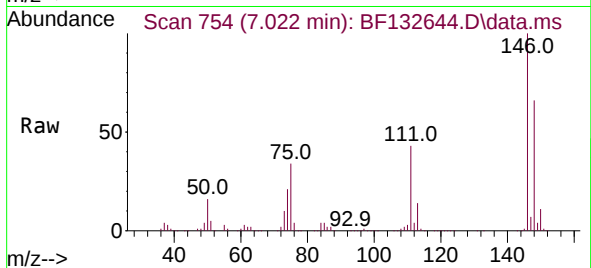
Giraldo

03/07/2023

Supervised By :Jagrut

Upadhyay

03/07/2023



#14

1,2-Dichlorobenzene

Concen: 43.289 ng

RT: 7.175 min Scan# 780

Delta R.T. -0.003 min

Lab File: BF132644.D

Acq: 06 Mar 2023 11:59

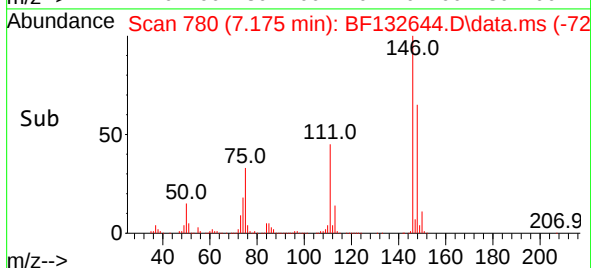
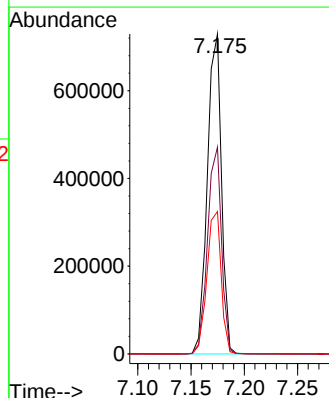
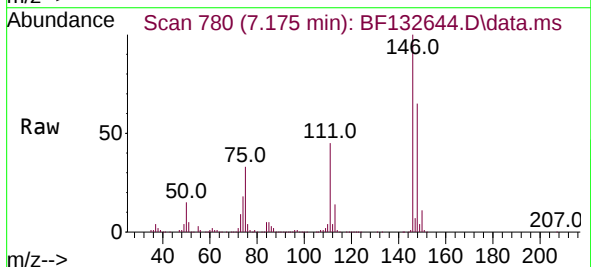
Tgt Ion:146 Resp: 671812

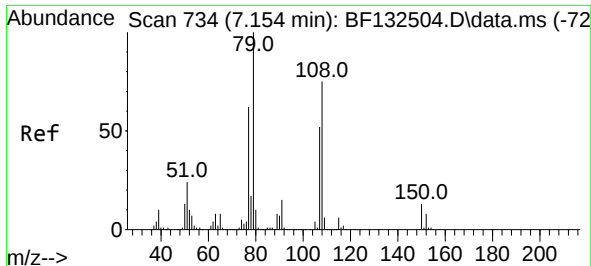
Ion Ratio Lower Upper

146 100

148 64.6 50.6 75.8

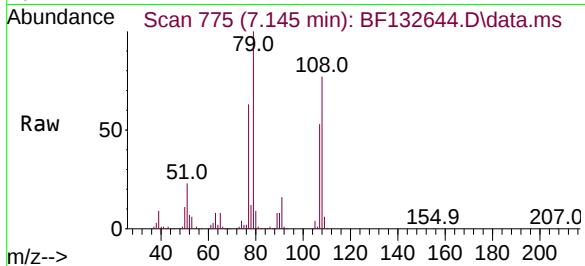
111 44.5 37.2 55.8





#15
Benzyl Alcohol
Concen: 43.005 ng
RT: 7.145 min Scan# 715
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

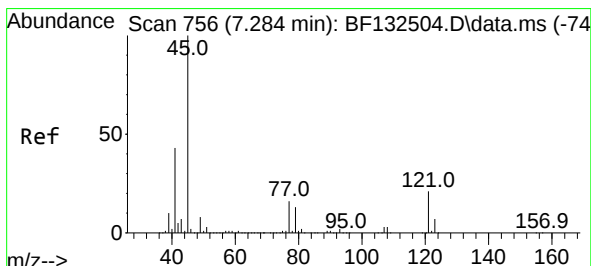
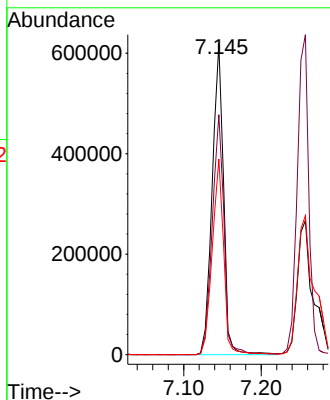
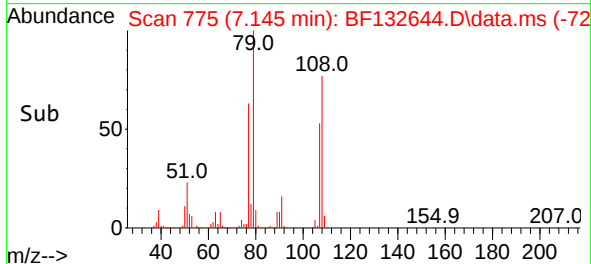
Instrument :
BNA_F
ClientSampleId :
PB151233BS



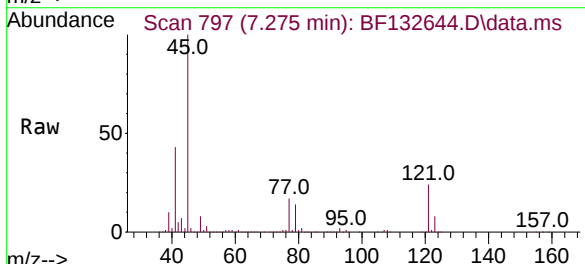
Tgt Ion: 79 Resp: 628506
Ion Ratio Lower Upper
79 100
108 77.3 60.2 90.4
77 63.0 49.9 74.9

Manual Integrations
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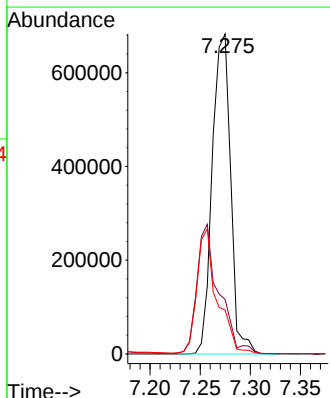
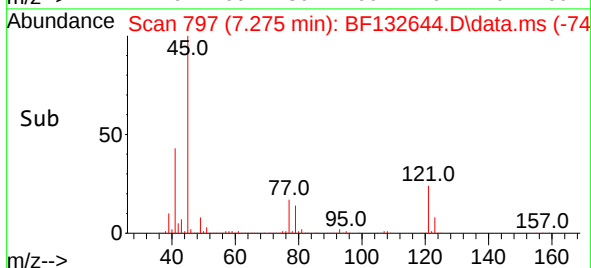
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023

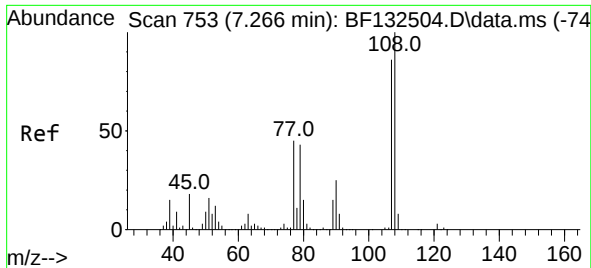


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.622 ng
RT: 7.275 min Scan# 797
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59



Tgt Ion: 45 Resp: 870039
Ion Ratio Lower Upper
45 100
77 17.0 0.0 36.4
79 13.7 0.0 33.4





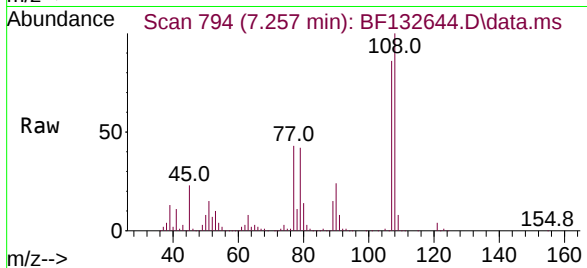
#17
2-Methylphenol
Concen: 40.346 ng
RT: 7.257 min Scan# 794
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB151233BS

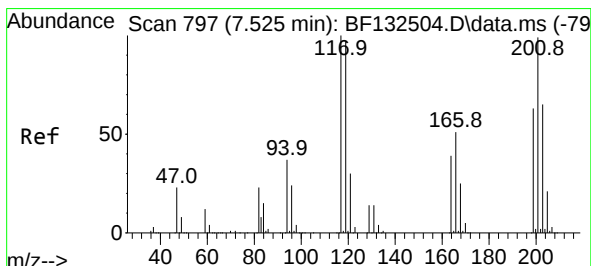
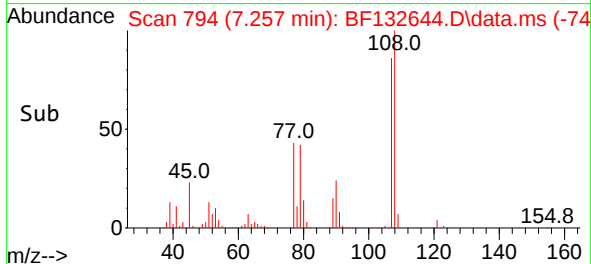
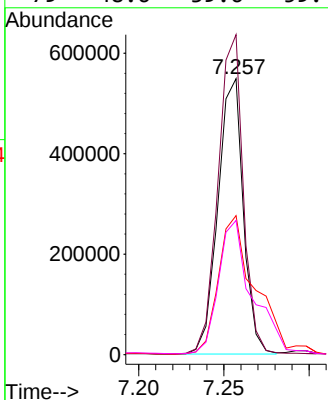


Tgt Ion:107 Resp: 568253
Ion Ratio Lower Upper
107 100
108 116.0 93.0 139.4
77 50.4 42.1 63.1
79 48.6 39.6 59.4

Manual Integrations
APPROVED

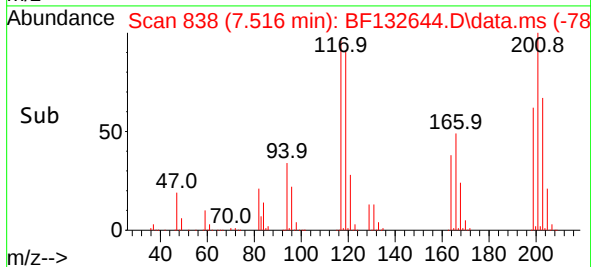
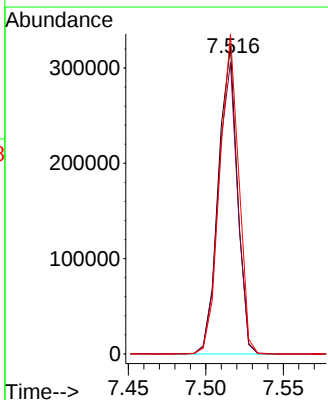
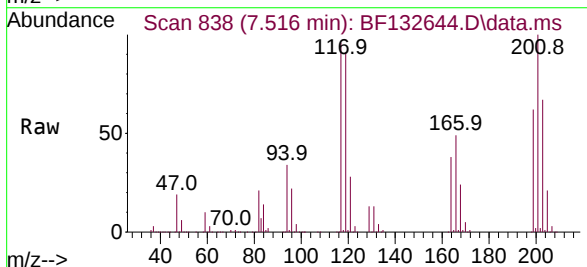
Reviewed By :Christian
Giraldo
03/07/2023

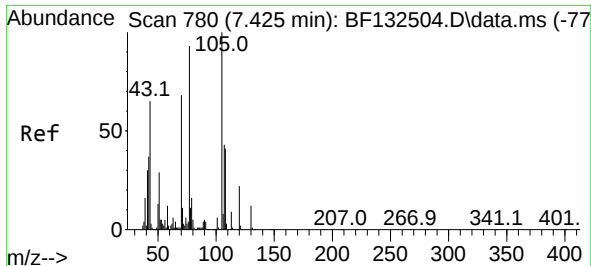
Supervised By :Jagrut
Upadhyay
03/07/2023



#18
Hexachloroethane
Concen: 43.582 ng
RT: 7.516 min Scan# 838
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

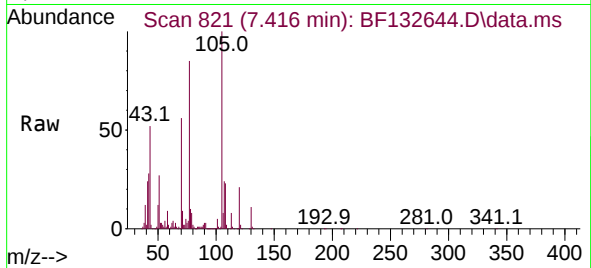
Tgt Ion:117 Resp: 275331
Ion Ratio Lower Upper
117 100
119 94.8 78.0 117.0
201 104.1 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 37.539 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

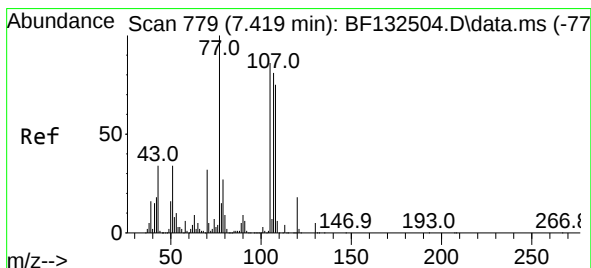
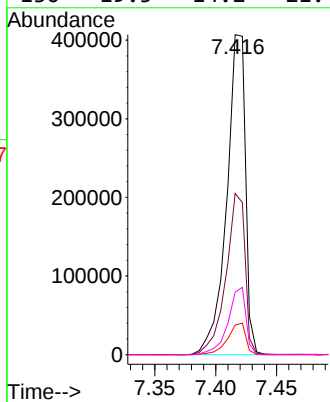
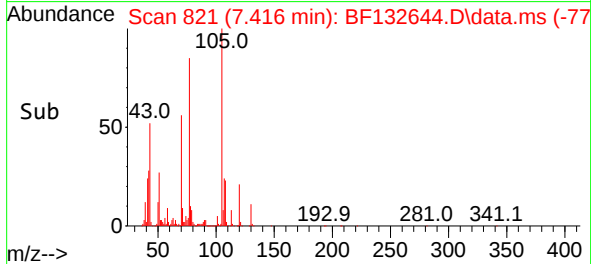
Instrument :
BNA_F
ClientSampleId :
PB151233BS



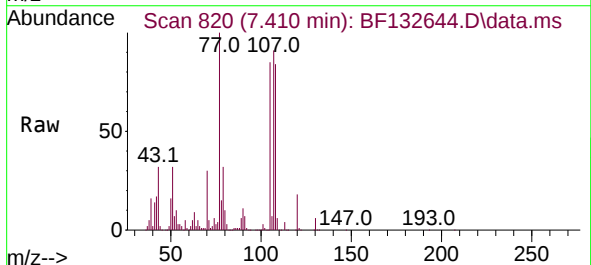
Tgt Ion: 70 Resp: 438414
Ion Ratio Lower Upper
70 100
42 50.4 44.1 66.1
101 9.2 7.4 11.2
130 19.5 14.2 21.4

Manual Integrations
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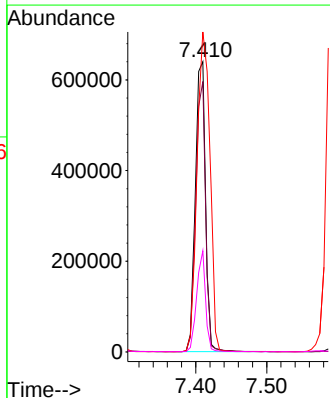
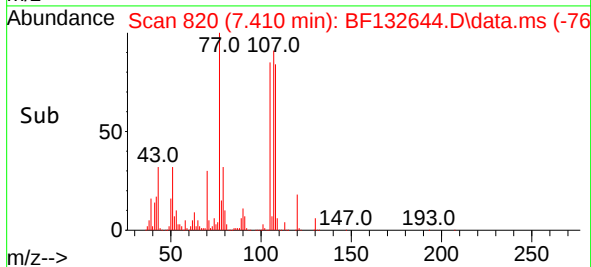
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023

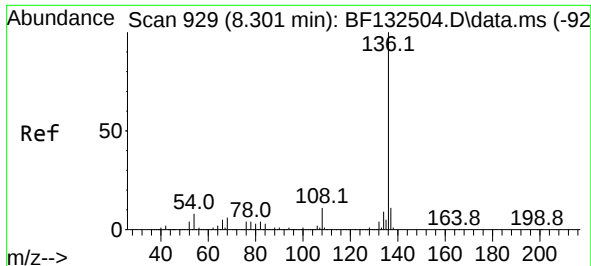


#20
3+4-Methylphenols
Concen: 34.894 ng
RT: 7.410 min Scan# 820
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59



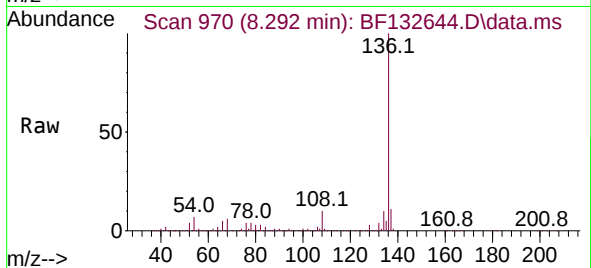
Tgt Ion:107 Resp: 634935
Ion Ratio Lower Upper
107 100
108 93.2 72.6 112.6
77 110.3 104.0 144.0
79 34.8 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

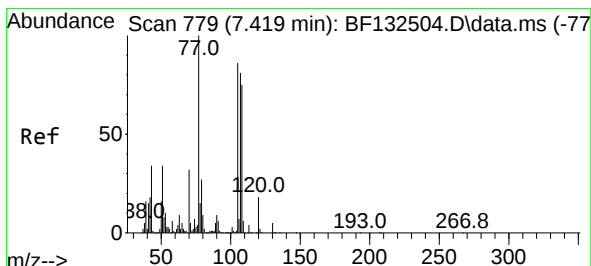
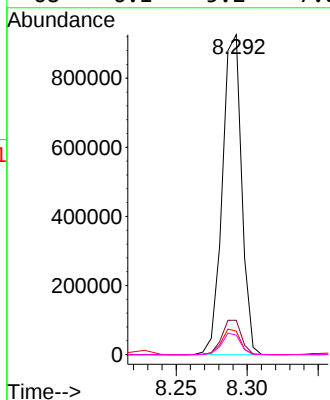
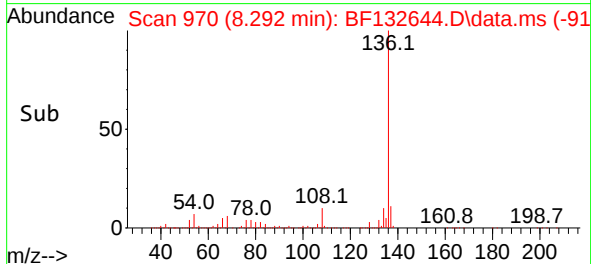
Instrument :
BNA_F
ClientSampleId :
PB151233BS



Tgt Ion:136 Resp: 874849
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.4 6.2 9.4
68 6.1 5.2 7.8

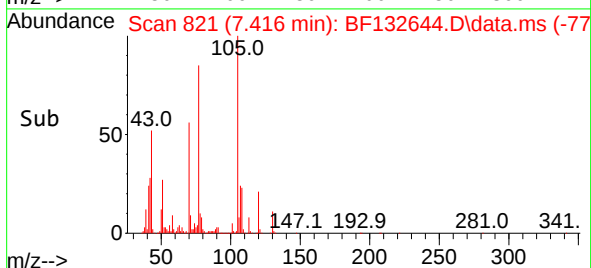
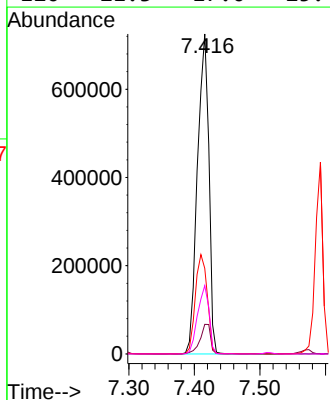
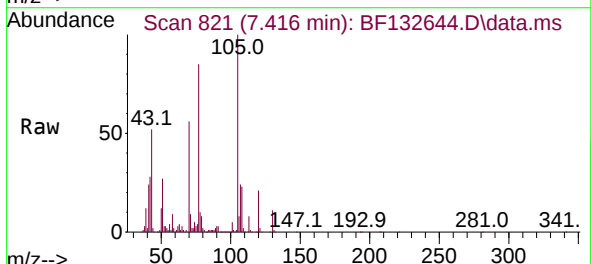
Manual Integrations
APPROVED

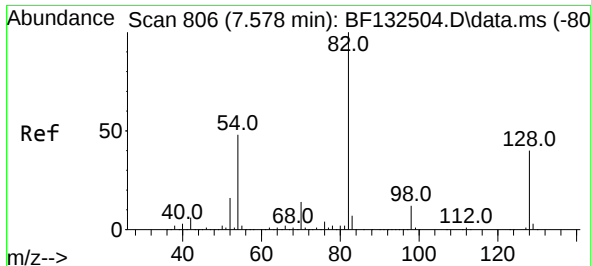
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023



#22
Acetophenone
Concen: 39.524 ng
RT: 7.416 min Scan# 821
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Tgt Ion:105 Resp: 871883
Ion Ratio Lower Upper
105 100
71 9.2 5.0 7.4#
51 26.7 31.5 47.3#
120 21.3 17.0 25.4





#23

Nitrobenzene-d5

Concen: 77.962 ng

RT: 7.575 min Scan# 84

Delta R.T. 0.003 min

Lab File: BF132644.D

Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB151233BS

Tgt Ion: 82 Resp: 1437575

Ion Ratio Lower Upper

82 100

128 42.2 32.2 48.2

54 45.6 38.4 57.6

Manual Integrations

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Reviewed By :Christian

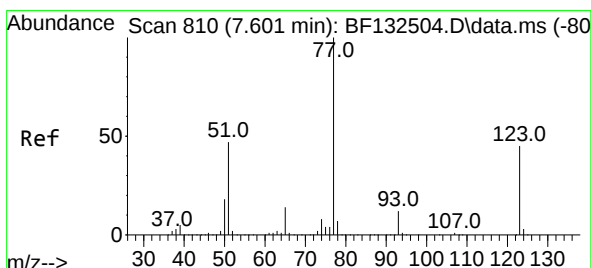
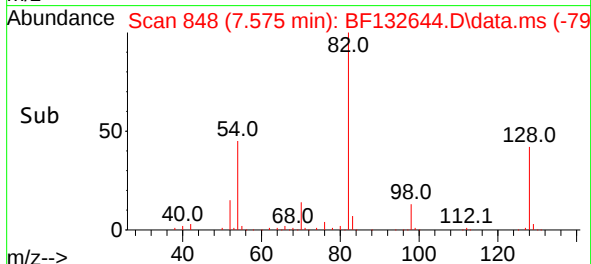
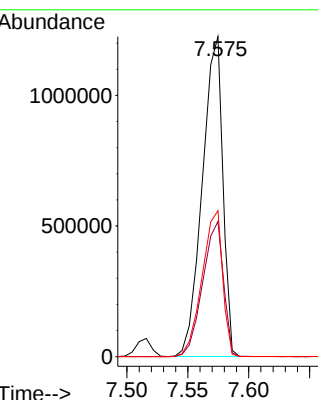
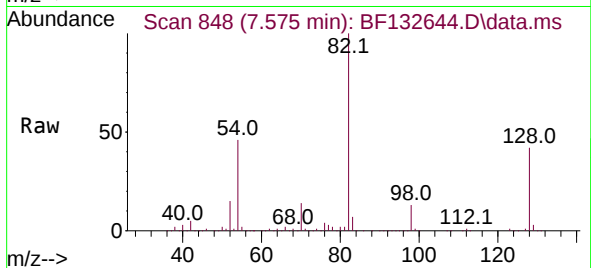
Giraldo

03/07/2023

Supervised By :Jagrut

Upadhyay

03/07/2023



#24

Nitrobenzene

Concen: 38.857 ng

RT: 7.592 min Scan# 851

Delta R.T. -0.003 min

Lab File: BF132644.D

Acq: 06 Mar 2023 11:59

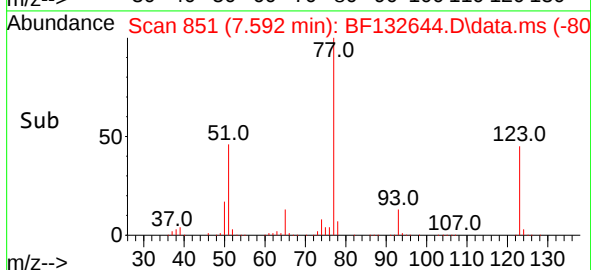
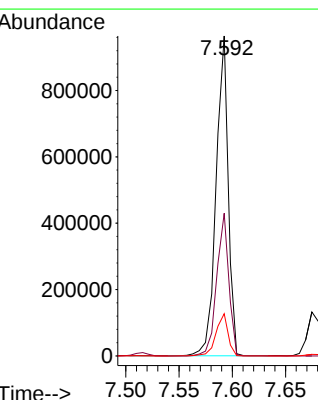
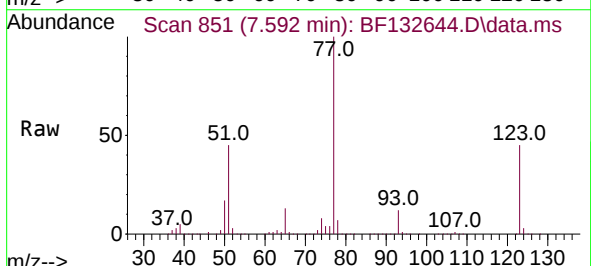
Tgt Ion: 77 Resp: 766299

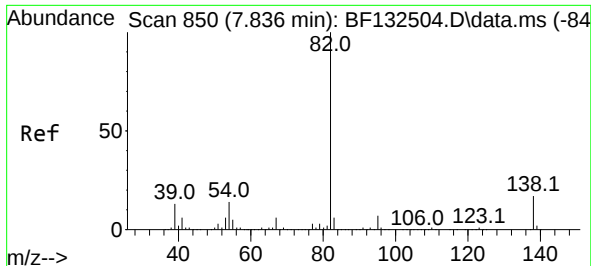
Ion Ratio Lower Upper

77 100

123 44.6 35.8 53.6

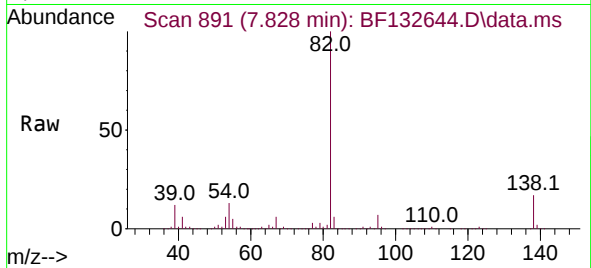
65 13.2 10.9 16.3





#25
Isophorone
Concen: 40.360 ng
RT: 7.828 min Scan# 891
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

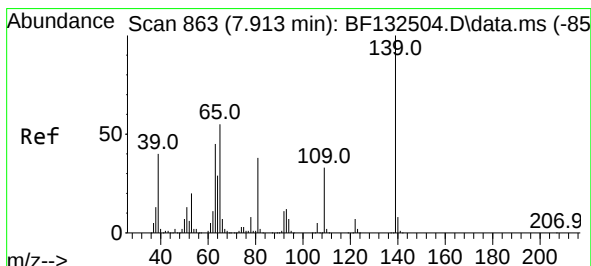
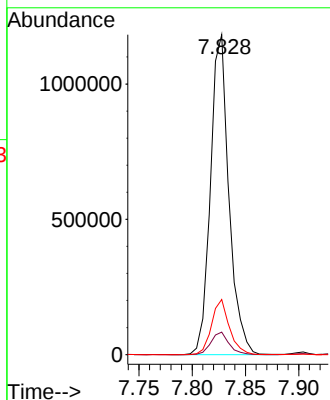
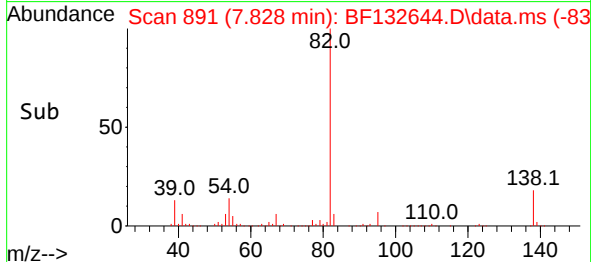
Instrument :
BNA_F
ClientSampleId :
PB151233BS



Tgt Ion: 82 Resp: 142682
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 17.2 13.3 19.9

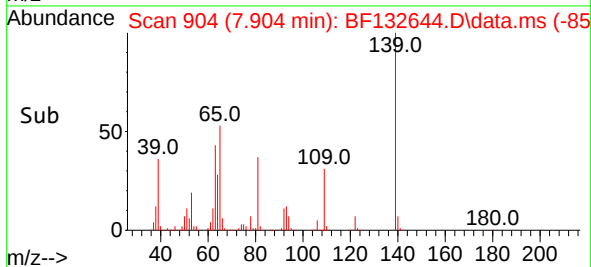
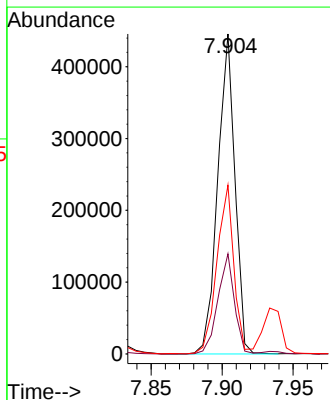
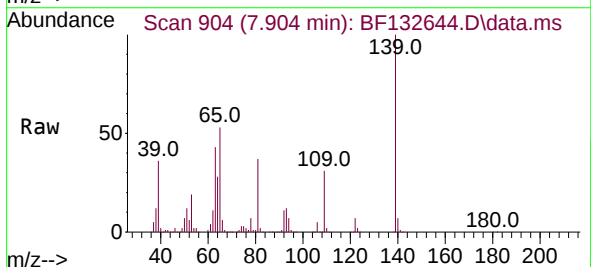
Manual Integrations
APPROVED

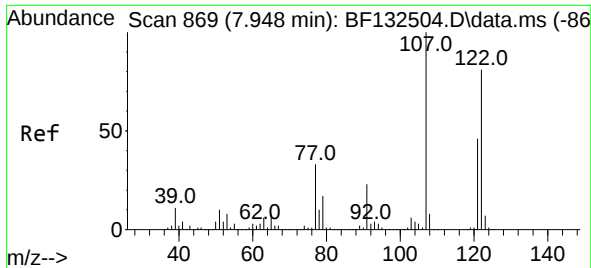
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023



#26
2-Nitrophenol
Concen: 43.204 ng
RT: 7.904 min Scan# 904
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Tgt Ion:139 Resp: 375923
Ion Ratio Lower Upper
139 100
109 31.3 26.2 39.2
65 52.7 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 40.923 ng
RT: 7.939 min Scan# 910
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

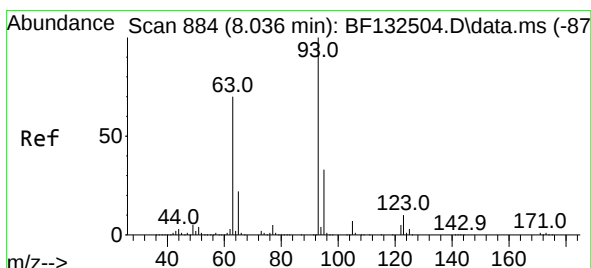
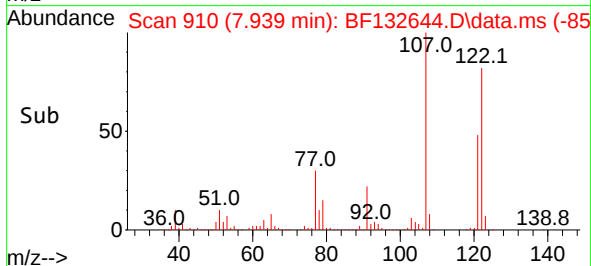
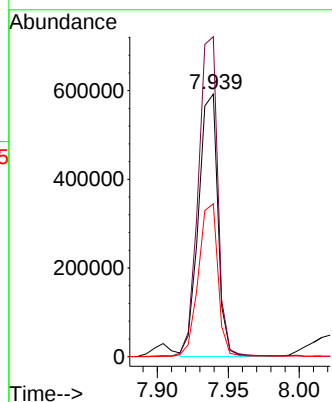
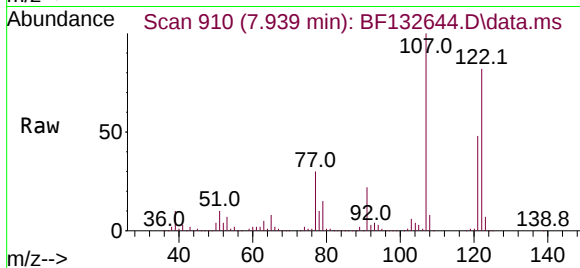
PB151233BS

Tgt Ion:122 Resp: 561989
Ion Ratio Lower Upper
122 100
107 121.9 98.7 148.1
121 58.2 45.8 68.6

Manual Integrations
APPROVED

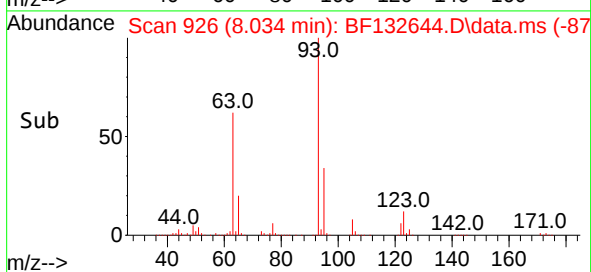
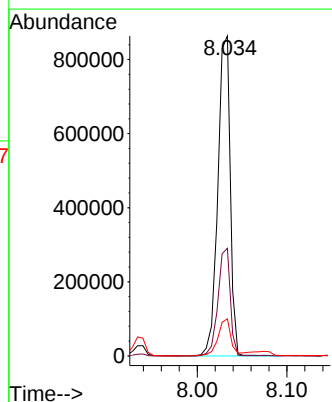
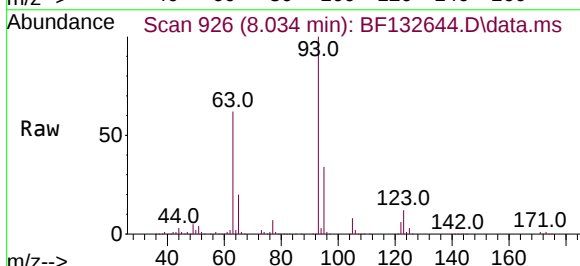
Reviewed By :Christian
Giraldo
03/07/2023

Supervised By :Jagrut
Upadhyay
03/07/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.129 ng
RT: 8.034 min Scan# 926
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Tgt Ion: 93 Resp: 829896
Ion Ratio Lower Upper
93 100
95 33.6 26.3 39.5
123 11.6 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 40.744 ng

RT: 8.145 min Scan# 945

Delta R.T. -0.003 min

Lab File: BF132644.D

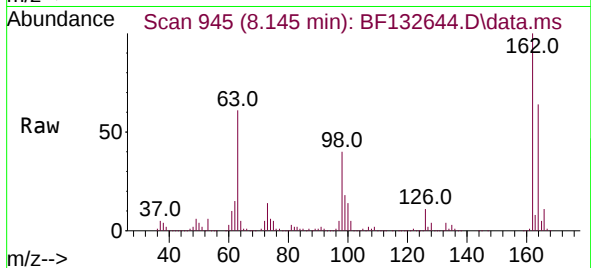
Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB151233BS



Tgt Ion:	162	Resp:	55659
Ion Ratio	Lower	Upper	
162	100		
164	64.3	45.3	85.3
98	40.5	17.9	57.9

Manual Integrations
APPROVED

Reviewed By :Christian

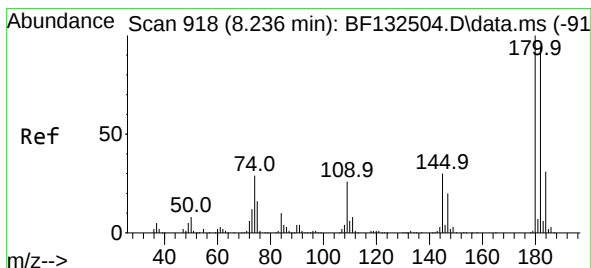
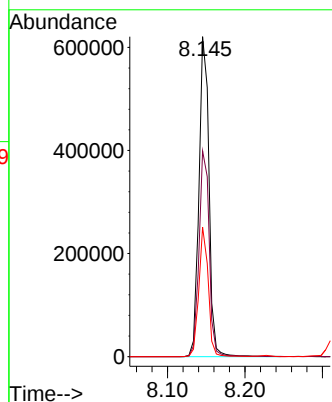
Giraldo

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Supervised By :Jagrut

Upadhyay

03/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.307 ng

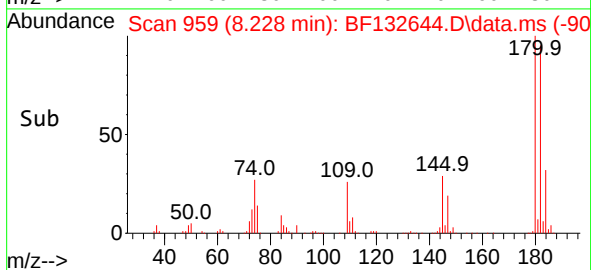
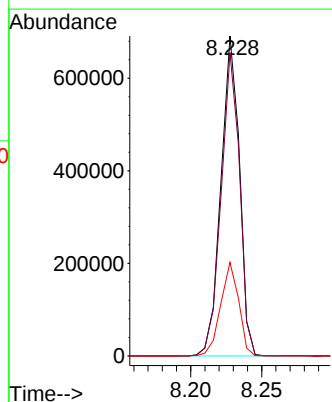
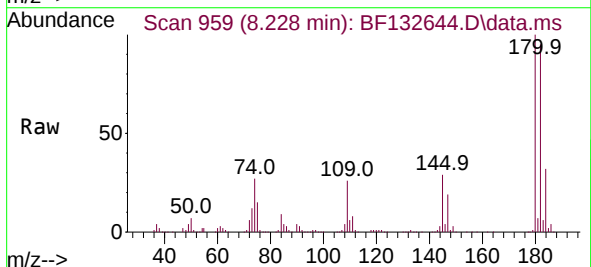
RT: 8.228 min Scan# 959

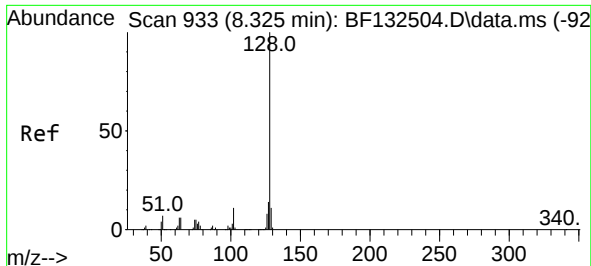
Delta R.T. -0.003 min

Lab File: BF132644.D

Acq: 06 Mar 2023 11:59

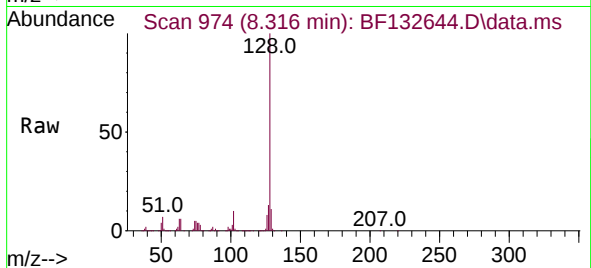
Tgt Ion:	180	Resp:	627574
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.1	112.7
145	29.2	23.8	35.6





#31
Naphthalene
Concen: 39.270 ng
RT: 8.316 min Scan# 91
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

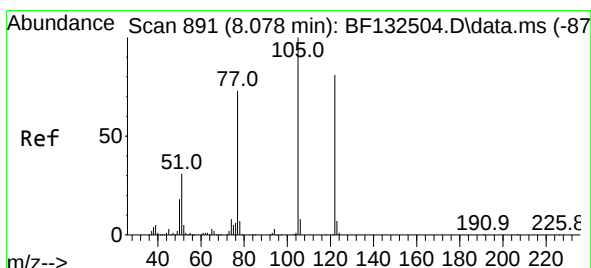
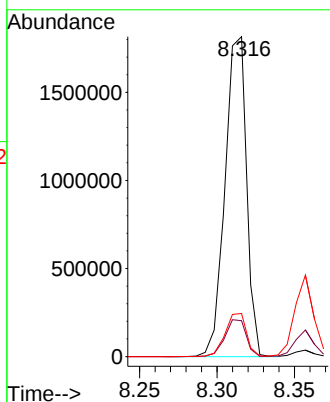
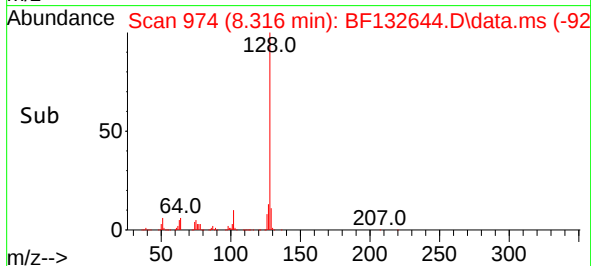
Instrument :
BNA_F
ClientSampleId :
PB151233BS



Tgt Ion:128 Resp: 175875
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.5 11.0 16.6

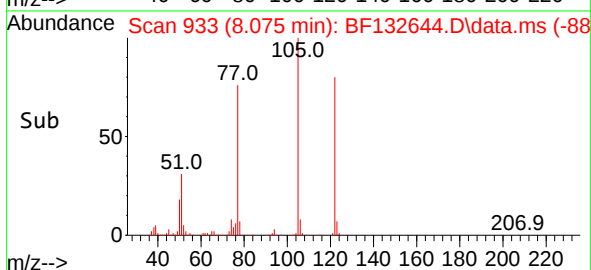
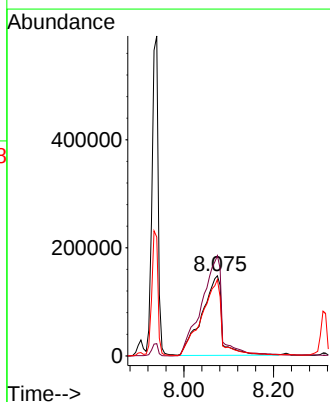
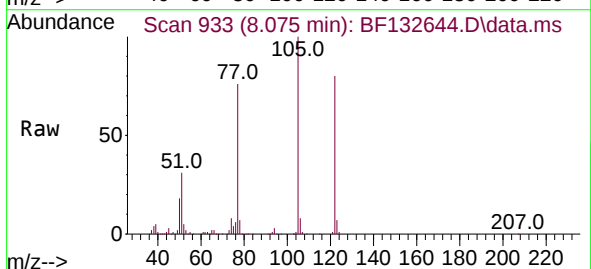
Manual Integrations
APPROVED

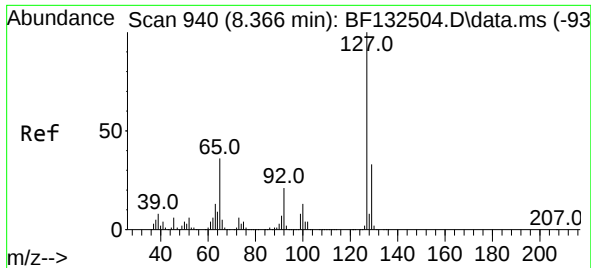
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023



#32
Benzoic acid
Concen: 43.387 ng
RT: 8.075 min Scan# 933
Delta R.T. 0.009 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

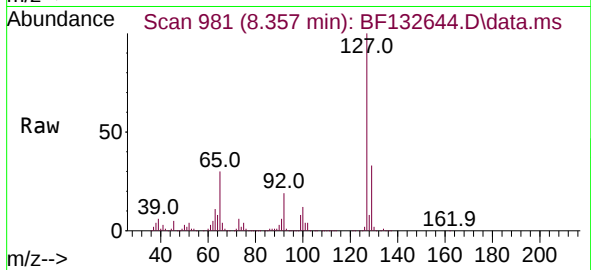
Tgt Ion:122 Resp: 465192
Ion Ratio Lower Upper
122 100
105 125.2 102.6 142.6
77 95.4 70.2 110.2





#33
4-Chloroaniline
Concen: 22.867 ng
RT: 8.357 min Scan# 981
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

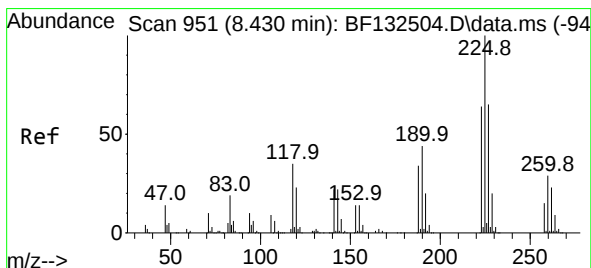
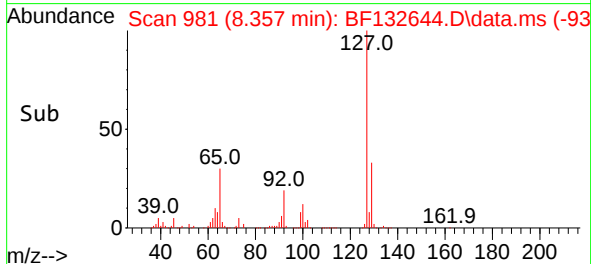
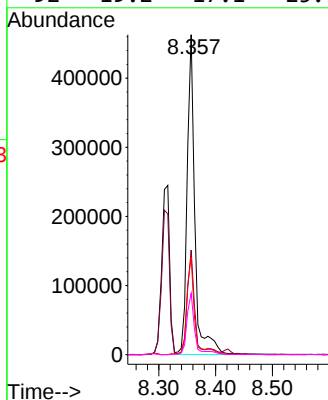
Instrument :
BNA_F
ClientSampleId :
PB151233BS



Tgt Ion:127 Resp: 438859
Ion Ratio Lower Upper
127 100
129 32.7 26.4 39.6
65 30.5 28.8 43.2
92 19.2 17.1 25.7

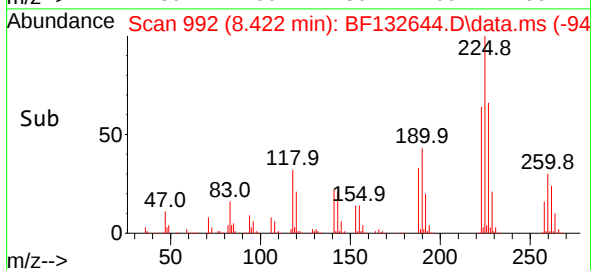
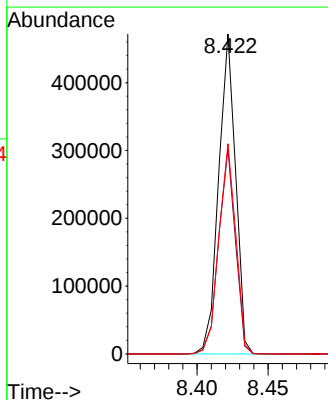
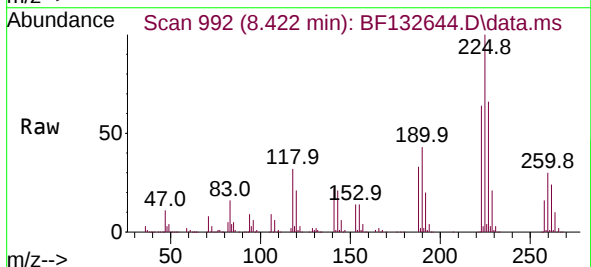
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023



#34
Hexachlorobutadiene
Concen: 41.505 ng
RT: 8.422 min Scan# 992
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

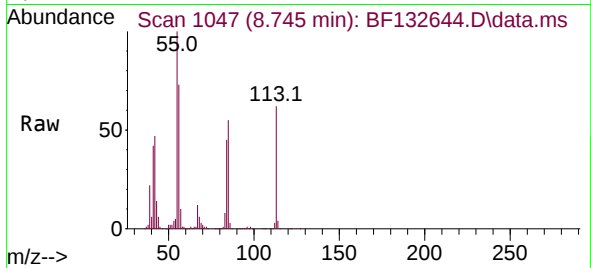
Tgt Ion:225 Resp: 391234
Ion Ratio Lower Upper
225 100
223 64.1 51.0 76.4
227 65.7 51.7 77.5





#35
Caprolactam
Concen: 45.351 ng m
RT: 8.745 min Scan# 1006
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

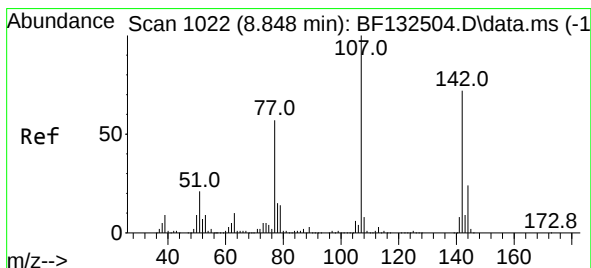
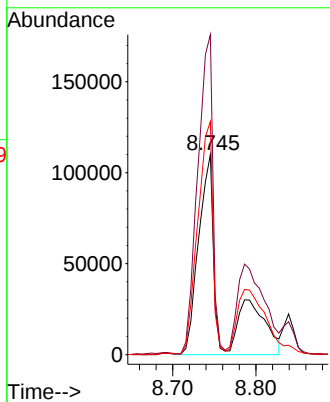
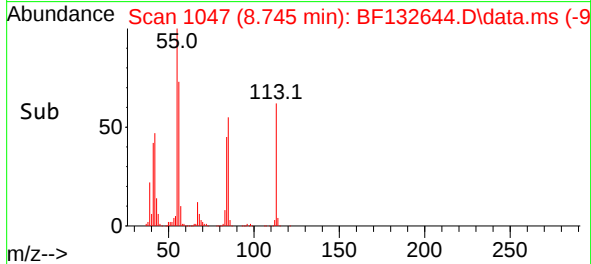
Instrument :
BNA_F
ClientSampleId :
PB151233BS



Tgt Ion:113 Resp: 204246
Ion Ratio Lower Upper
113 100
55 160.1 149.4 189.4
56 116.6 105.0 145.0

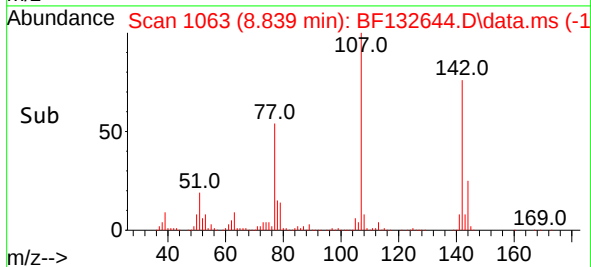
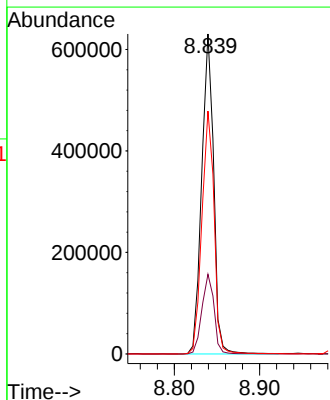
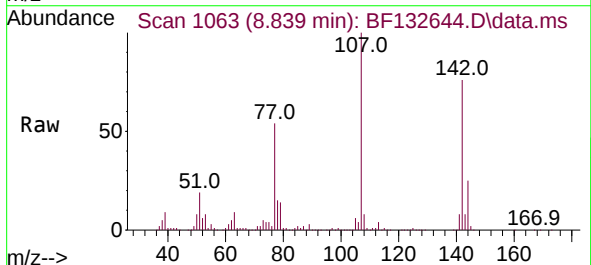
Manual Integrations
APPROVED

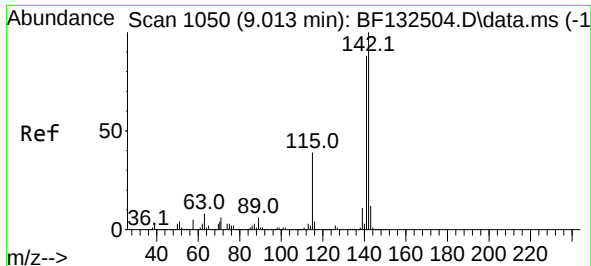
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023



#36
4-Chloro-3-methylphenol
Concen: 40.847 ng
RT: 8.839 min Scan# 1063
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Tgt Ion:107 Resp: 612804
Ion Ratio Lower Upper
107 100
144 24.9 18.9 28.3
142 75.9 57.9 86.9





#37

2-Methylnaphthalene

Concen: 38.095 ng

RT: 9.004 min Scan# 110

Delta R.T. -0.003 min

Lab File: BF132644.D

Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB151233BS

Tgt Ion:142 Resp: 1162716

Ion Ratio Lower Upper

142 100

141 87.3 70.2 105.2

Manual Integrations

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Reviewed By :Christian

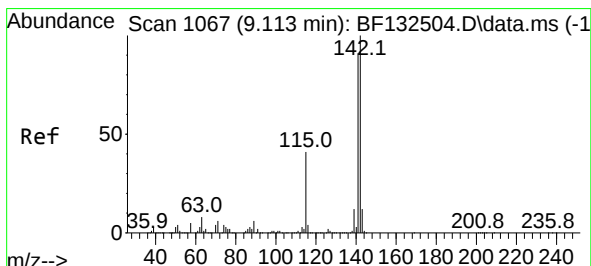
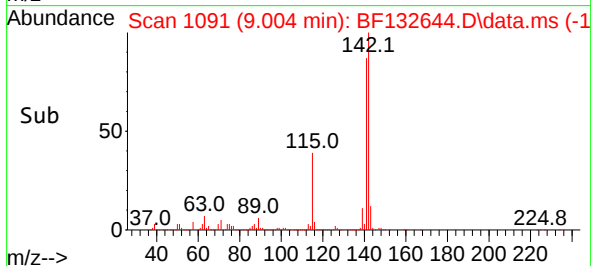
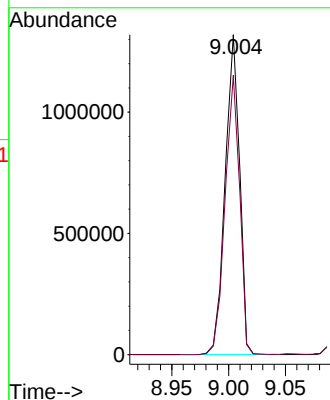
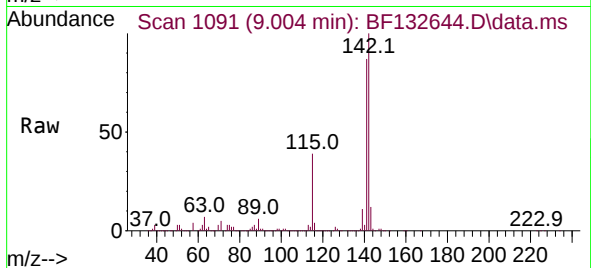
Giraldo

03/07/2023

Supervised By :Jagrut

Upadhyay

03/07/2023



#38

1-Methylnaphthalene

Concen: 38.157 ng

RT: 9.104 min Scan# 1108

Delta R.T. -0.003 min

Lab File: BF132644.D

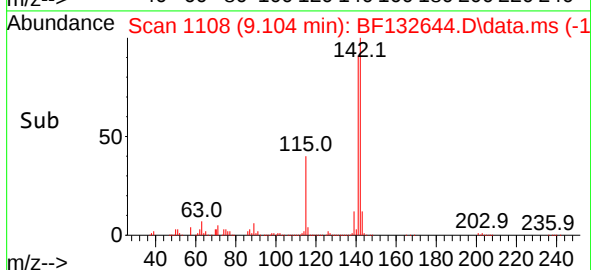
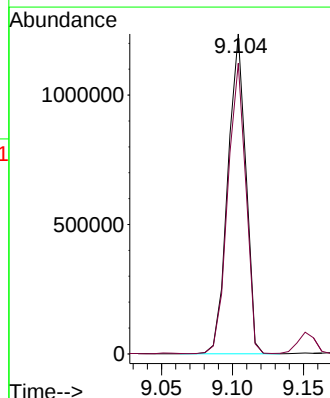
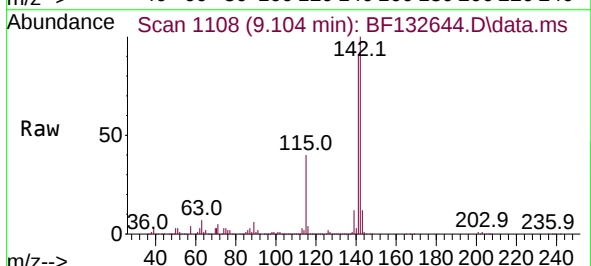
Acq: 06 Mar 2023 11:59

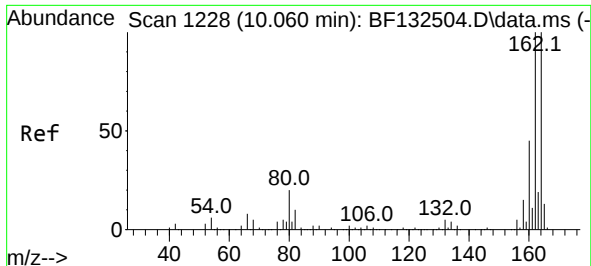
Tgt Ion:142 Resp: 1088371

Ion Ratio Lower Upper

142 100

141 90.8 73.0 109.6





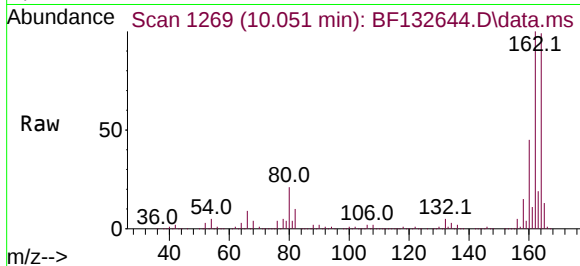
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB151233BS

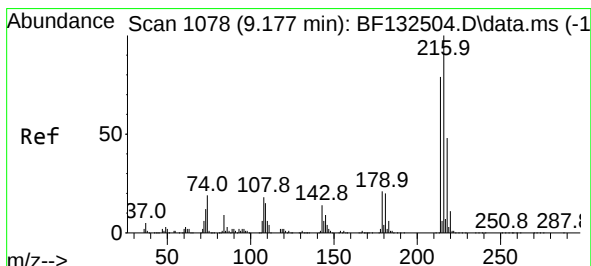
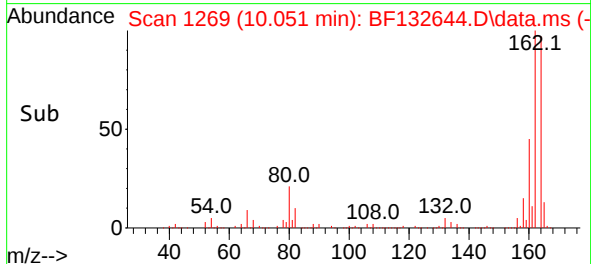
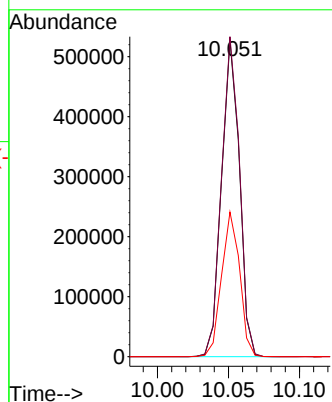


Tgt Ion:164 Resp: 462755
Ion Ratio Lower Upper
164 100
162 101.1 79.8 119.8
160 45.7 35.8 53.6

Manual Integrations
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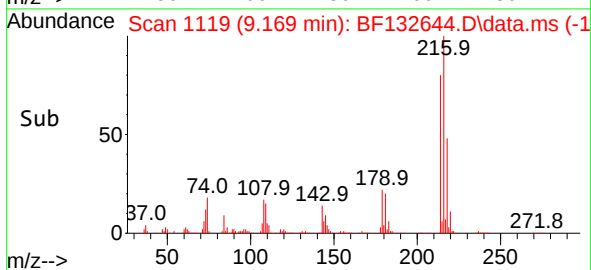
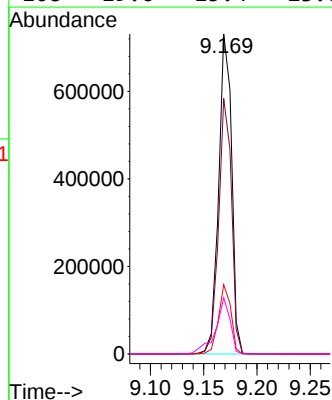
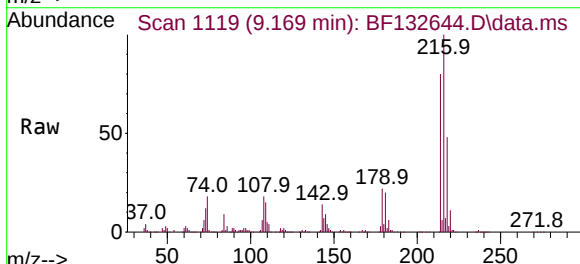
Reviewed By :Christian
Giraldo
03/07/2023

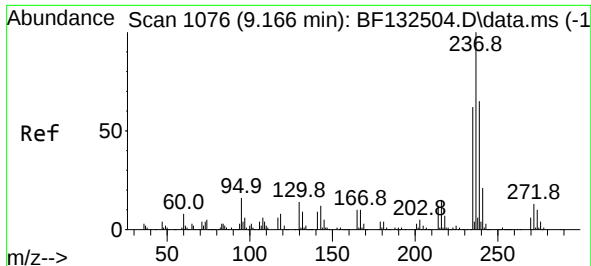
Supervised By :Jagrut
Upadhyay
03/07/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.023 ng
RT: 9.169 min Scan# 1119
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Tgt Ion:216 Resp: 621096
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.6
179 20.7 16.6 24.8
108 19.6 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 77.047 ng
RT: 9.151 min Scan# 1116
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

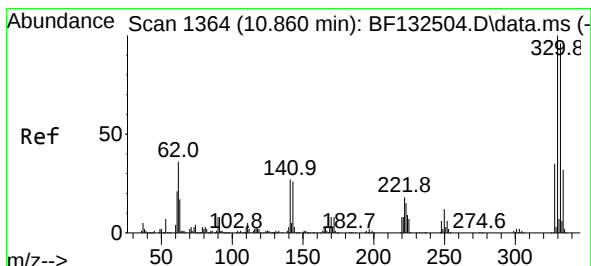
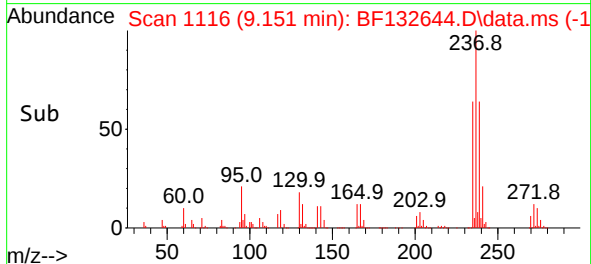
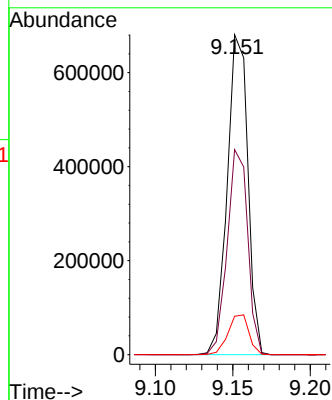
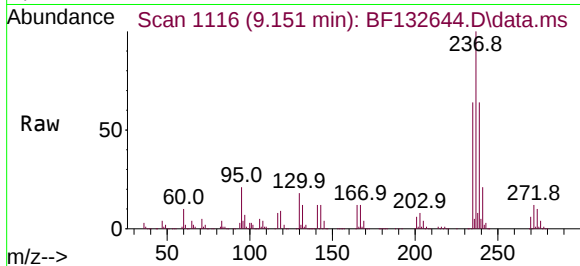
PB151233BS

Tgt Ion:237 Resp: 632702
Ion Ratio Lower Upper
237 100
235 64.1 42.4 82.4
272 12.0 0.0 32.7

Manual Integrations
APPROVED

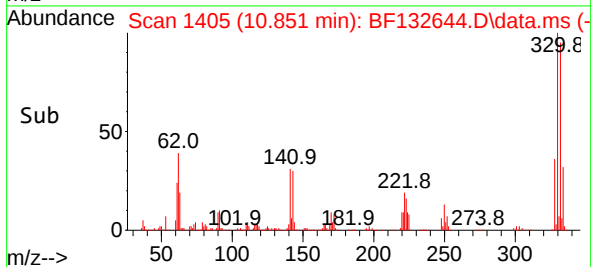
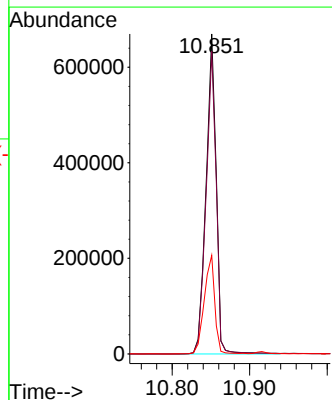
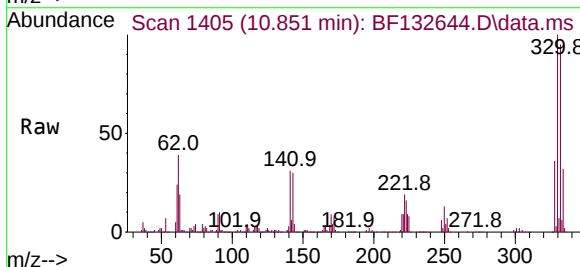
Reviewed By :Christian
Giraldo
03/07/2023

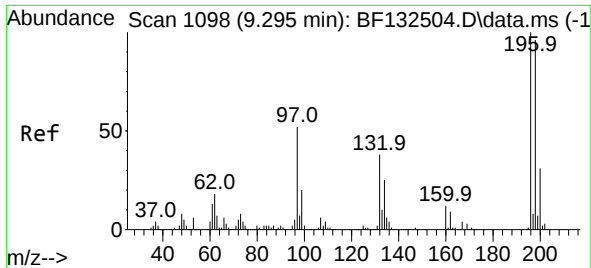
Supervised By :Jagrut
Upadhyay
03/07/2023



#42
2,4,6-Tribromophenol
Concen: 121.732 ng
RT: 10.851 min Scan# 1405
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

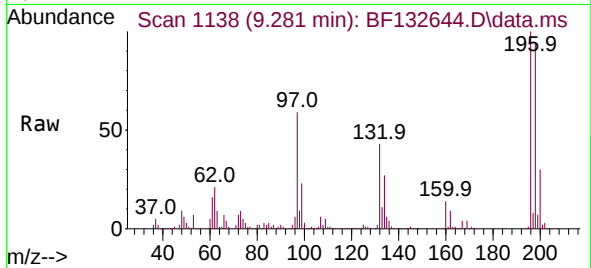
Tgt Ion:330 Resp: 608364
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 32.0 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 41.692 ng
RT: 9.281 min Scan# 1117
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

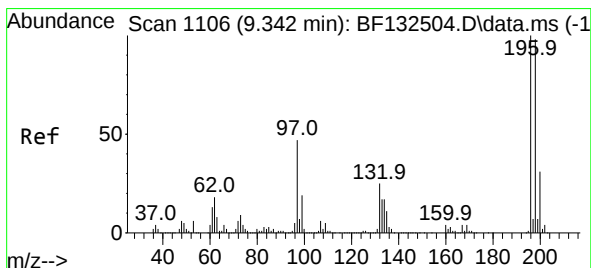
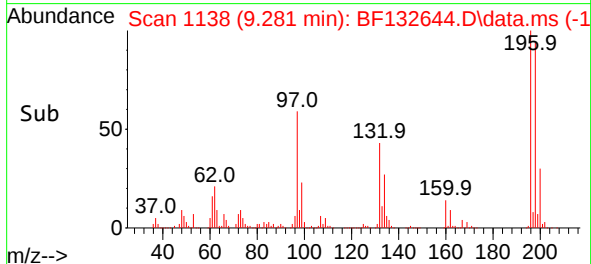
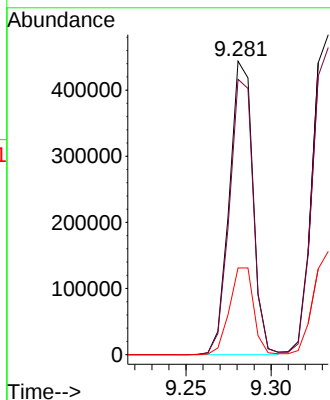
Instrument :
BNA_F
ClientSampleId :
PB151233BS



Tgt Ion:196 Resp: 427784
Ion Ratio Lower Upper
196 100
198 93.8 77.1 115.7
200 29.6 25.0 37.4

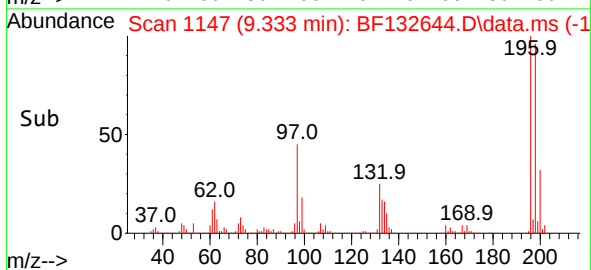
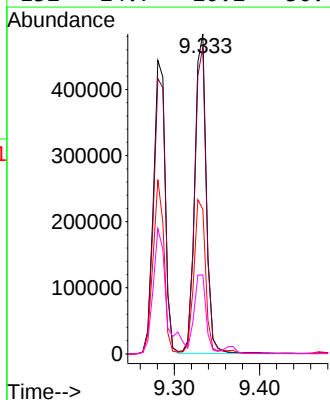
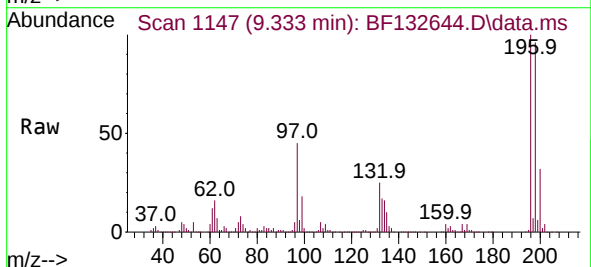
Manual Integrations
APPROVED

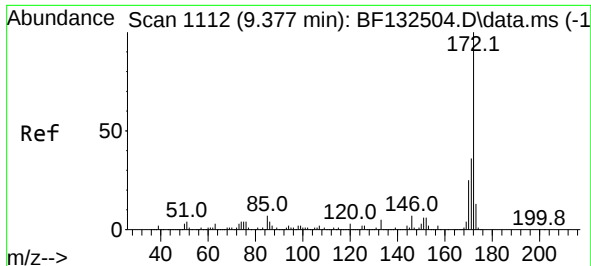
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023



#44
2,4,5-Trichlorophenol
Concen: 38.126 ng
RT: 9.333 min Scan# 1147
Delta R.T. 0.009 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

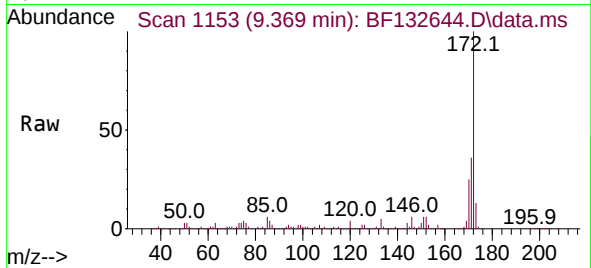
Tgt Ion:196 Resp: 456574
Ion Ratio Lower Upper
196 100
198 96.0 78.3 117.5
97 45.2 38.1 57.1
132 24.7 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 71.803 ng
RT: 9.369 min Scan# 1112
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

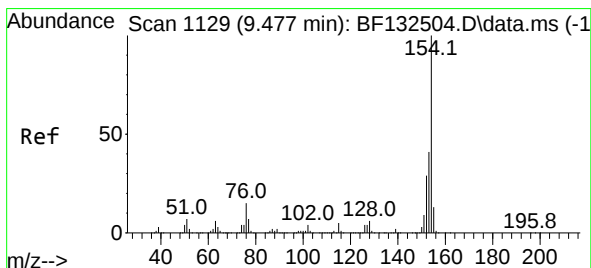
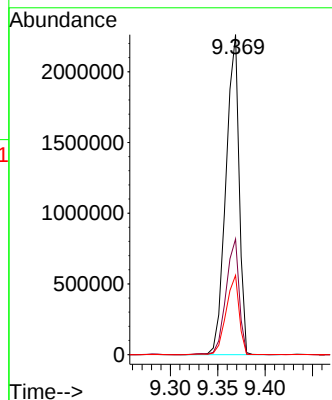
Instrument :
BNA_F
ClientSampleId :
PB151233BS



Tgt Ion:172 Resp: 2182164
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.8 19.7 29.5

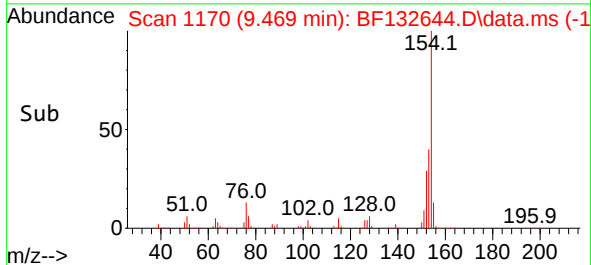
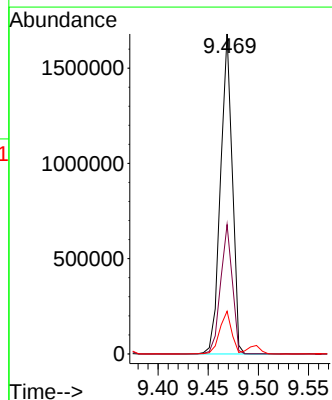
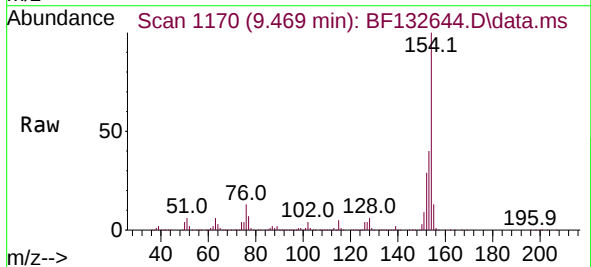
Manual Integrations
APPROVED

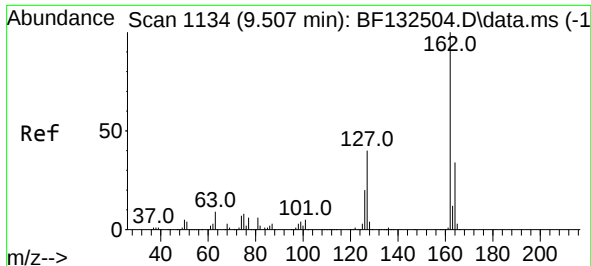
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023



#46
1,1'-Biphenyl
Concen: 39.270 ng
RT: 9.469 min Scan# 1170
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

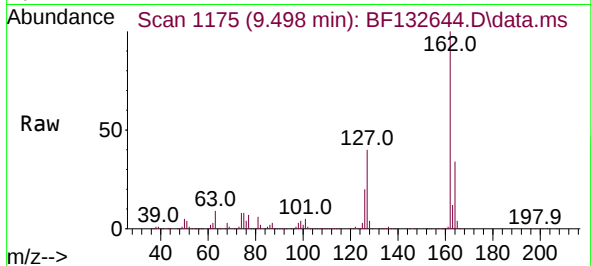
Tgt Ion:154 Resp: 1375453
Ion Ratio Lower Upper
154 100
153 40.4 20.9 60.9
76 13.3 0.0 34.7





#47
2-Chloronaphthalene
Concen: 40.820 ng
RT: 9.498 min Scan# 11175
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

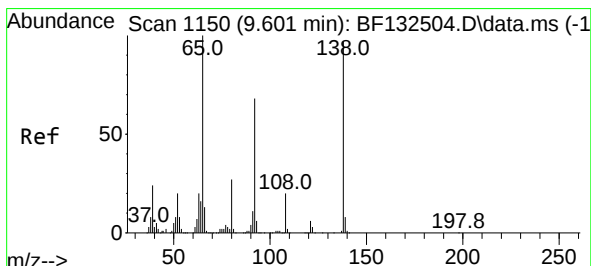
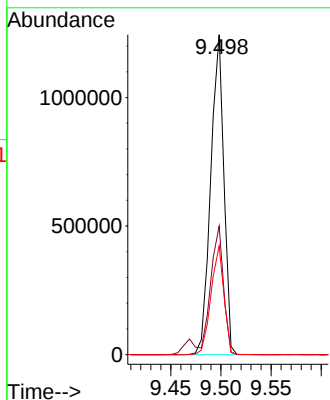
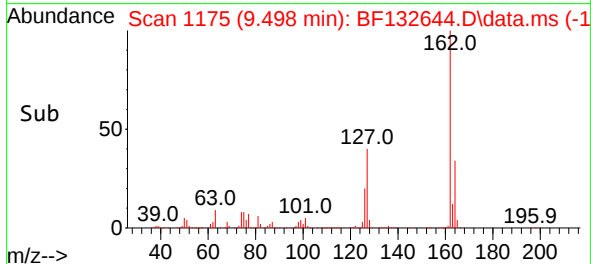
Instrument :
BNA_F
ClientSampleId :
PB151233BS



Tgt Ion:162 Resp: 1133562
Ion Ratio Lower Upper
162 100
127 40.2 32.3 48.5
164 34.0 26.9 40.3

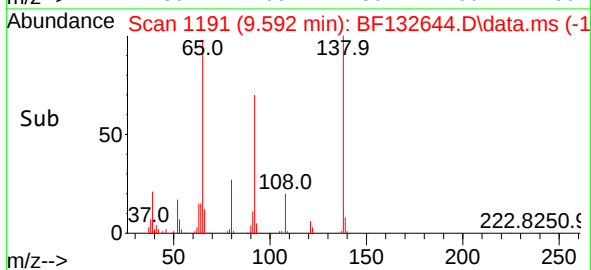
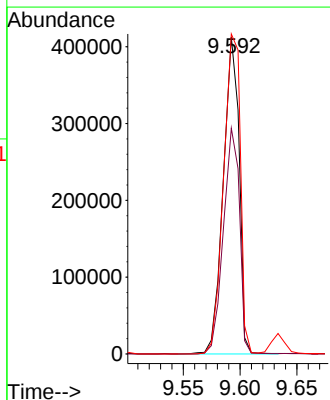
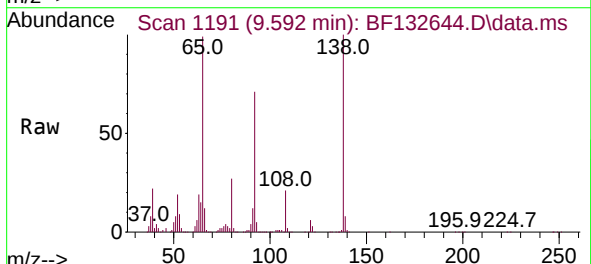
Manual Integrations
APPROVED

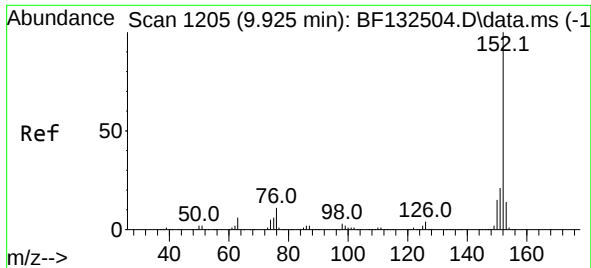
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023



#48
2-Nitroaniline
Concen: 39.027 ng
RT: 9.592 min Scan# 11191
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Tgt Ion: 65 Resp: 399153
Ion Ratio Lower Upper
65 100
92 71.2 54.5 81.7
138 101.0 77.2 115.8





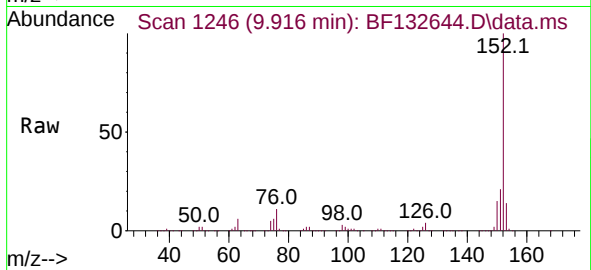
#49
Acenaphthylene
Concen: 38.988 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB151233BS

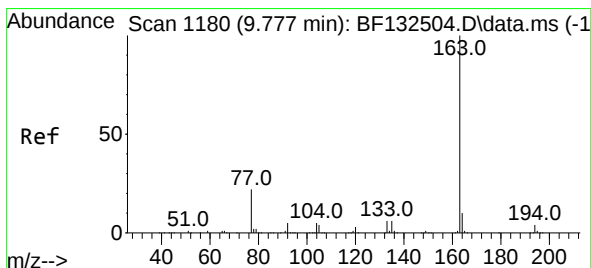
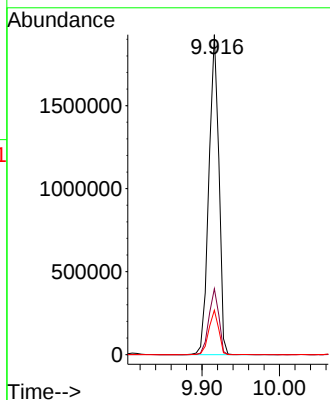
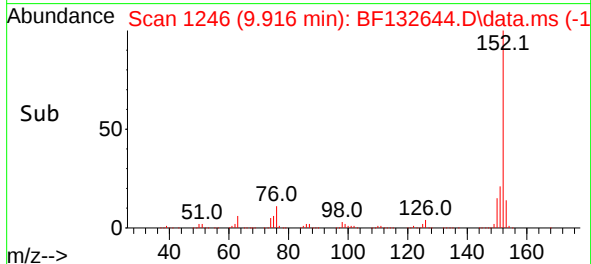


Tgt Ion:152 Resp: 1723087
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.9 11.0 16.6

Manual Integrations
APPROVED

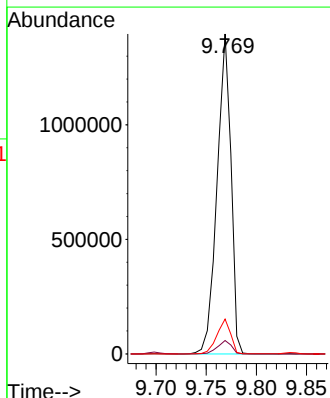
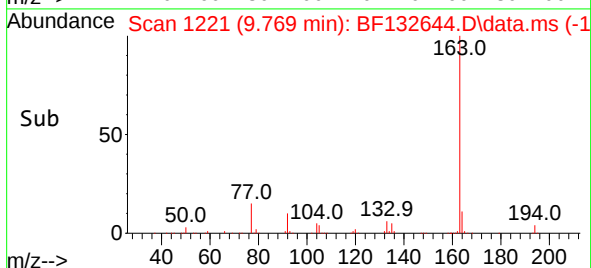
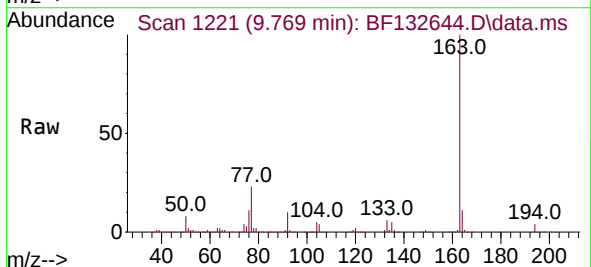
Reviewed By :Christian
Giraldo
03/07/2023

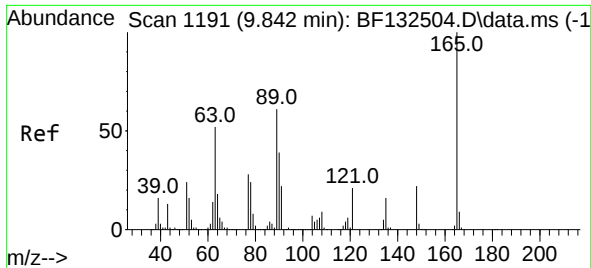
Supervised By :Jagrut
Upadhyay
03/07/2023



#50
Dimethylphthalate
Concen: 40.083 ng
RT: 9.769 min Scan# 1221
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Tgt Ion:163 Resp: 1350562
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.9 8.3 12.5





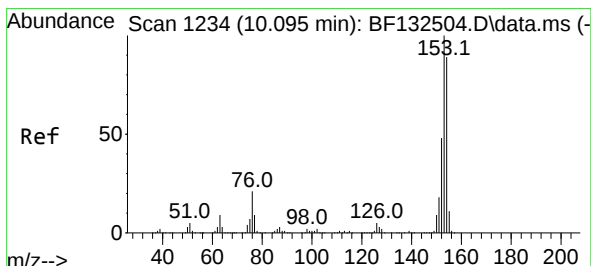
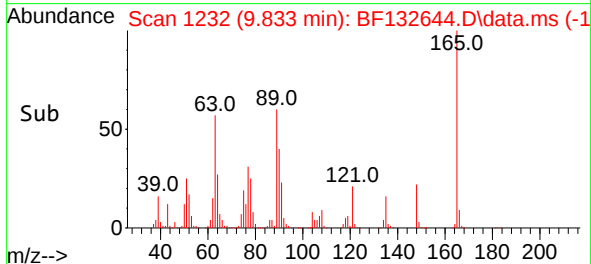
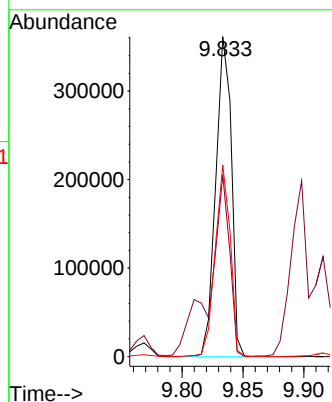
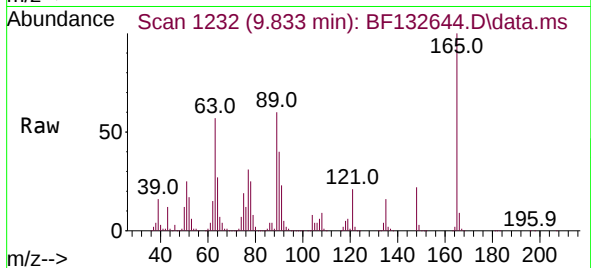
#51
2,6-Dinitrotoluene
Concen: 41.949 ng
RT: 9.833 min Scan# 1191
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Instrument :
BNA_F
ClientSampleId :
PB151233BS

Tgt Ion:165 Resp: 321895
Ion Ratio Lower Upper
165 100
63 56.9 47.3 70.9
89 59.9 48.9 73.3

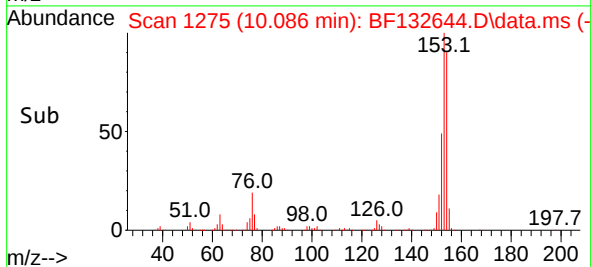
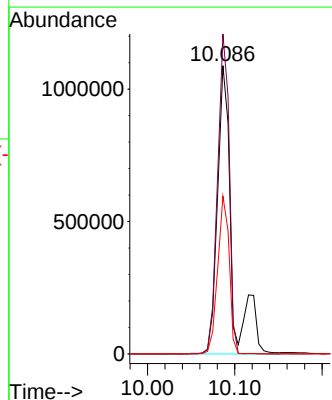
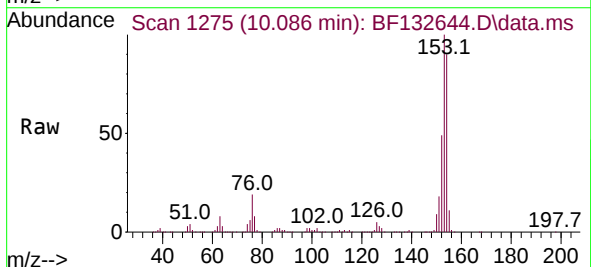
Manual Integrations
APPROVED

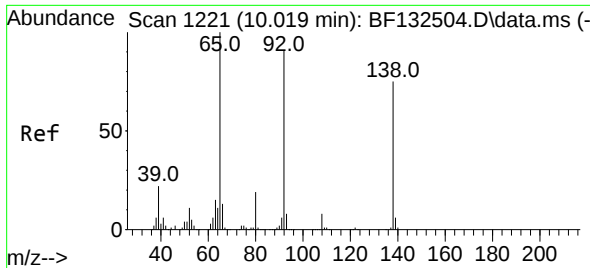
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023



#52
Acenaphthene
Concen: 44.413 ng m
RT: 10.086 min Scan# 1275
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Tgt Ion:154 Resp: 1246388
Ion Ratio Lower Upper
154 100
153 111.0 89.8 134.8
152 54.7 43.3 64.9





#53
3-Nitroaniline
Concen: 31.078 ng
RT: 10.004 min Scan# 1261
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

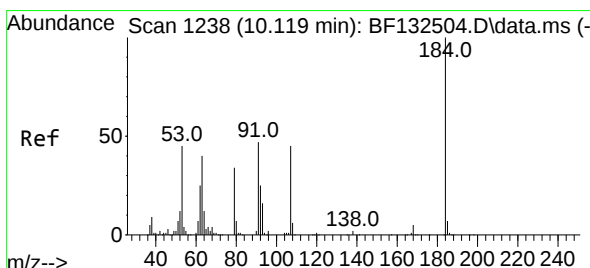
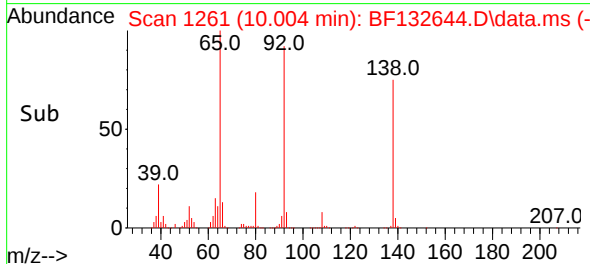
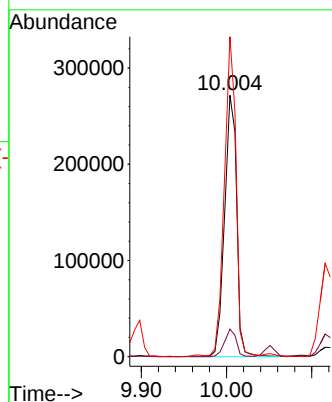
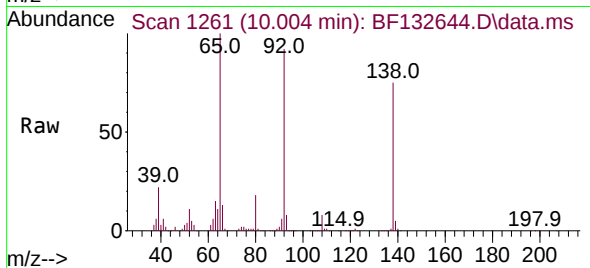
PB151233BS

Tgt Ion:138 Resp: 266766
Ion Ratio Lower Upper
138 100
108 10.5 8.1 12.1
92 122.4 97.2 145.8

Manual Integrations
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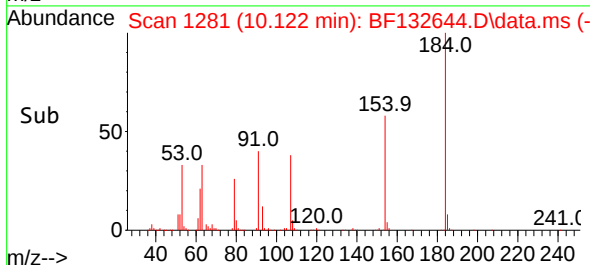
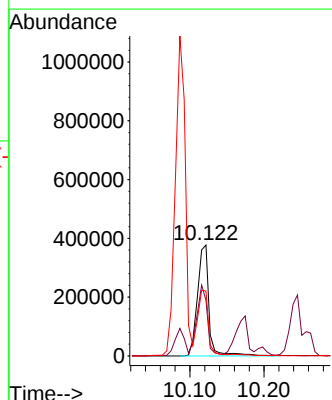
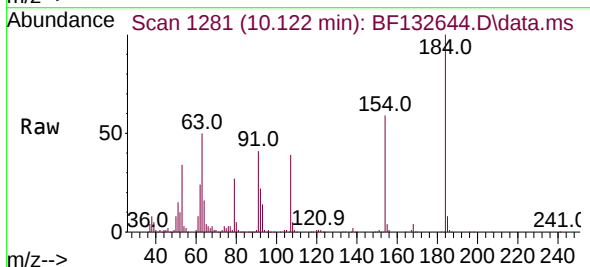
Reviewed By :Christian
Giraldo
03/07/2023

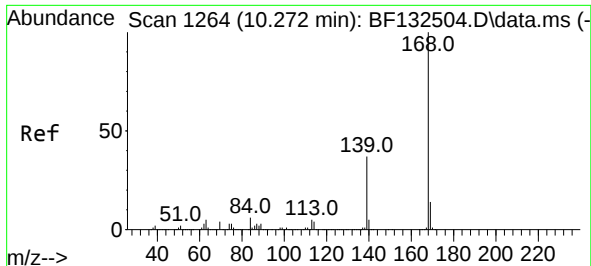
Supervised By :Jagrut
Upadhyay
03/07/2023



#54
2,4-Dinitrophenol
Concen: 84.060 ng
RT: 10.122 min Scan# 1281
Delta R.T. 0.009 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

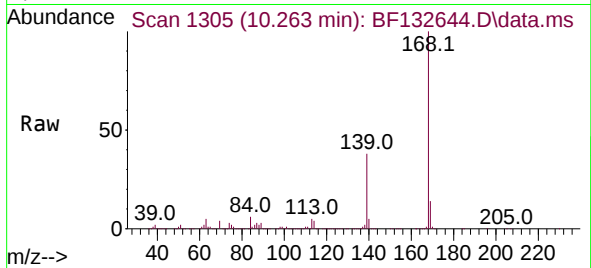
Tgt Ion:184 Resp: 406942
Ion Ratio Lower Upper
184 100
63 50.3 51.4 77.2#
154 58.6 48.3 72.5





#55
Dibenzofuran
Concen: 38.211 ng
RT: 10.263 min Scan# 1305
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

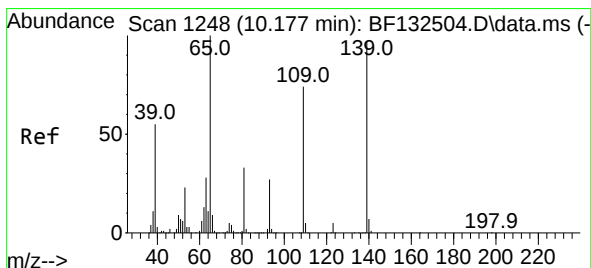
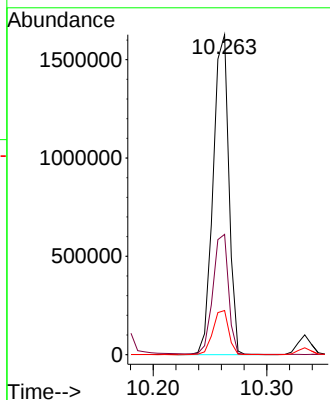
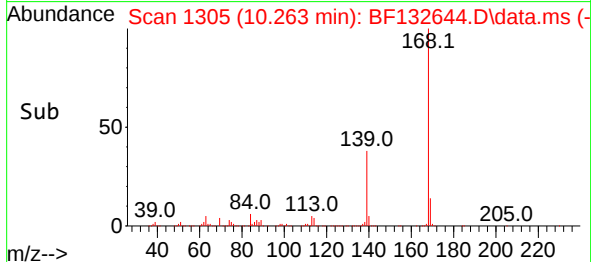
Instrument :
BNA_F
ClientSampleId :
PB151233BS



Tgt Ion:168 Resp: 1563318
Ion Ratio Lower Upper
168 100
139 37.6 29.8 44.6
169 13.8 10.9 16.3

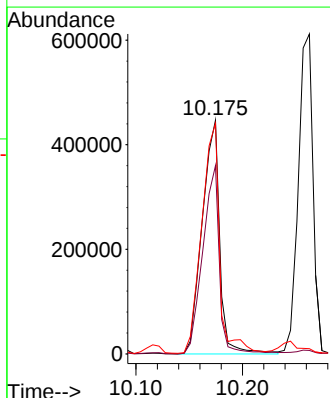
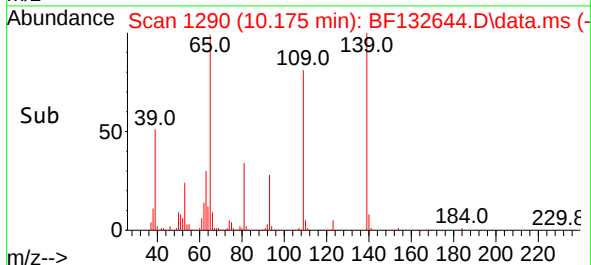
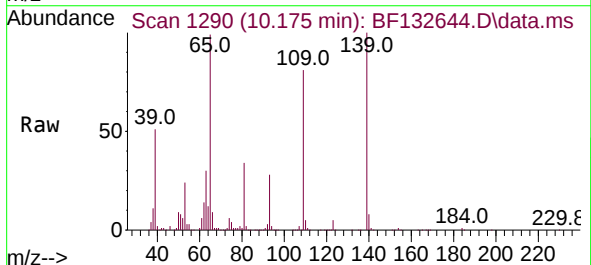
Manual Integrations
APPROVED

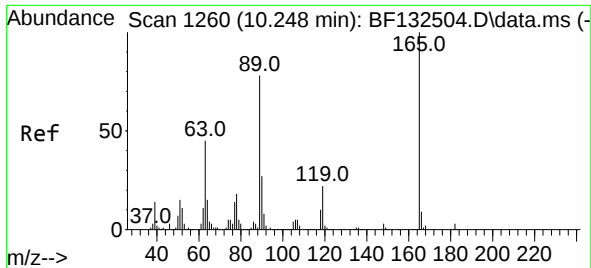
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023



#56
4-Nitrophenol
Concen: 79.738 ng
RT: 10.175 min Scan# 1290
Delta R.T. 0.009 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

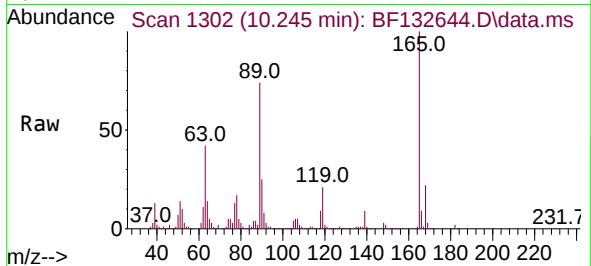
Tgt Ion:139 Resp: 510443
Ion Ratio Lower Upper
139 100
109 80.6 56.7 96.7
65 98.7 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 41.348 ng
RT: 10.245 min Scan# 1362
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Instrument :
BNA_F
ClientSampleId :
PB151233BS

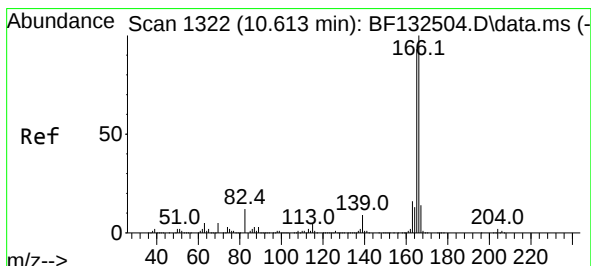
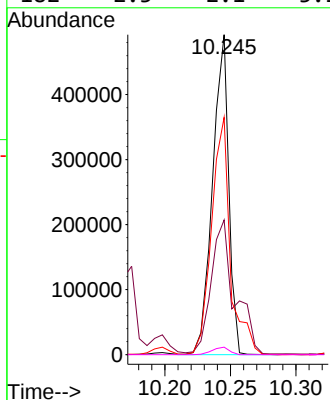
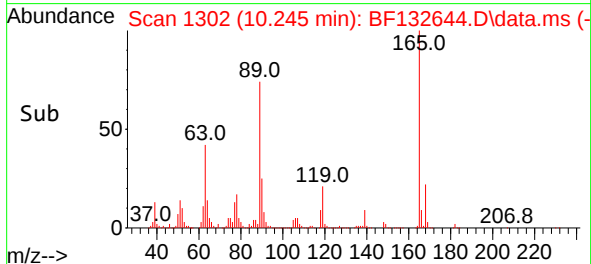


Tgt Ion:165 Resp: 422112
Ion Ratio Lower Upper
165 100
63 42.1 36.5 54.7
89 74.1 62.4 93.6
182 2.3 2.1 3.1

Manual Integrations
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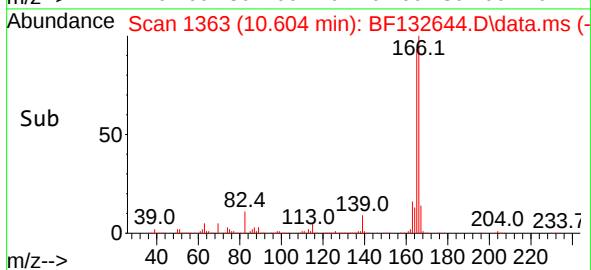
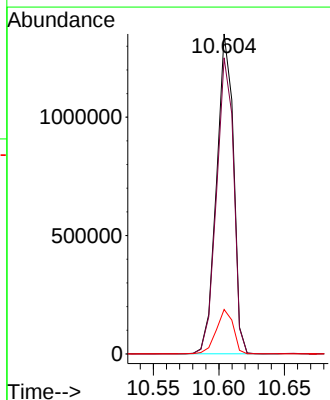
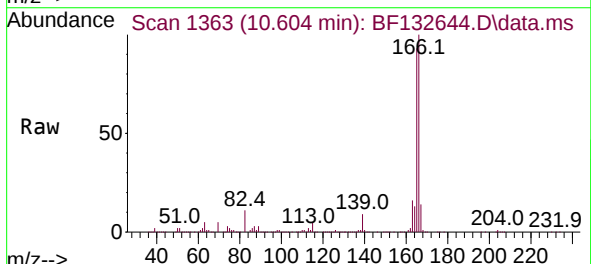
Reviewed By :Christian
Giraldo
03/07/2023

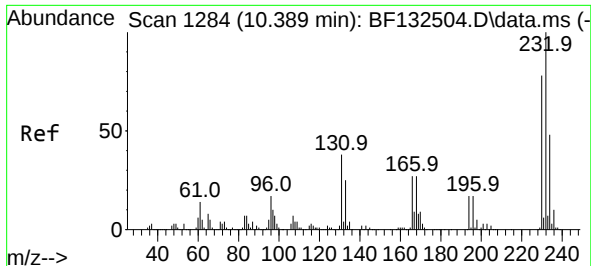
Supervised By :Jagrut
Upadhyay
03/07/2023



#58
Fluorene
Concen: 38.909 ng
RT: 10.604 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Tgt Ion:166 Resp: 1217627
Ion Ratio Lower Upper
166 100
165 92.5 74.2 111.4
167 13.9 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.393 ng
RT: 10.380 min Scan# 1310
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

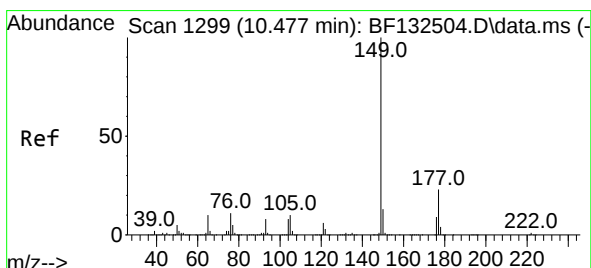
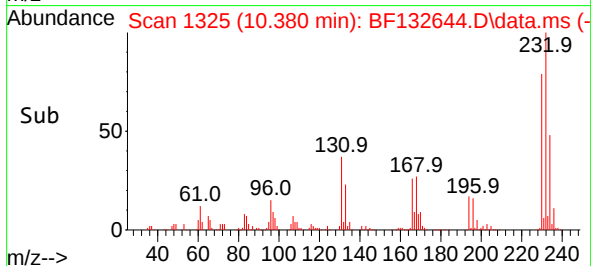
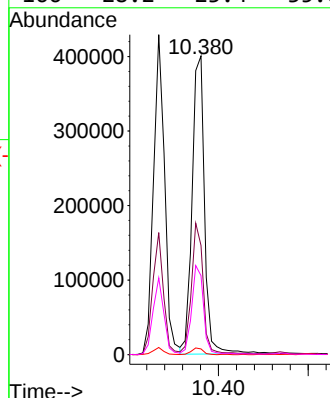
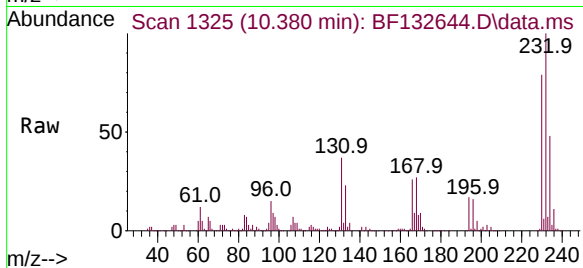
PB151233BS

Tgt Ion:232 Resp: 386019
Ion Ratio Lower Upper
232 100
131 41.0 33.8 50.8
130 2.1 1.7 2.5
166 28.2 23.4 35.0

Manual Integrations
APPROVED

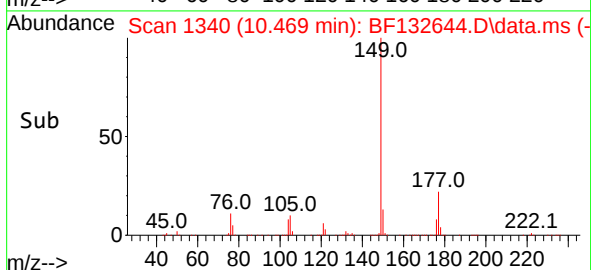
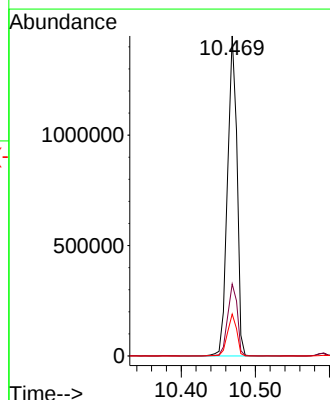
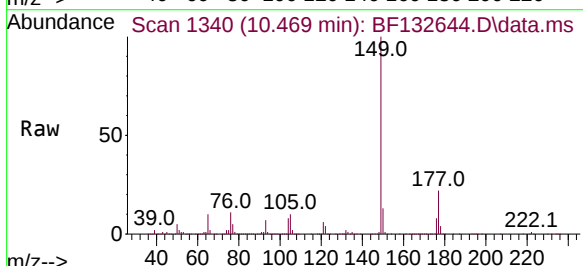
Reviewed By :Christian
Giraldo
03/07/2023

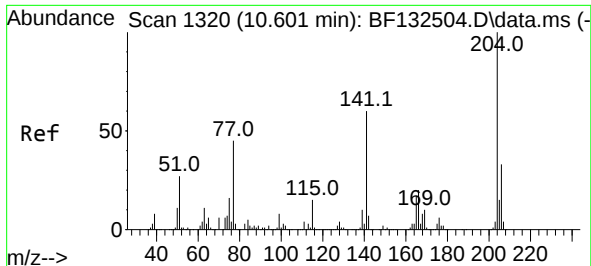
Supervised By :Jagrut
Upadhyay
03/07/2023



#60
Diethylphthalate
Concen: 39.024 ng
RT: 10.469 min Scan# 1340
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Tgt Ion:149 Resp: 1284172
Ion Ratio Lower Upper
149 100
177 22.5 18.1 27.1
150 13.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 38.896 ng
RT: 10.592 min Scan# 1361
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

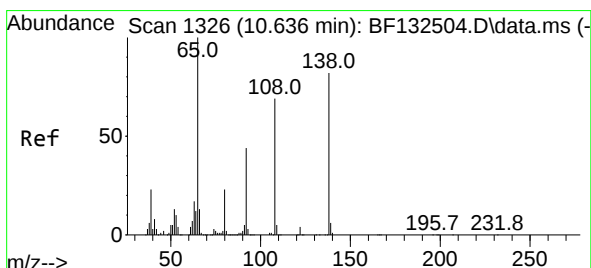
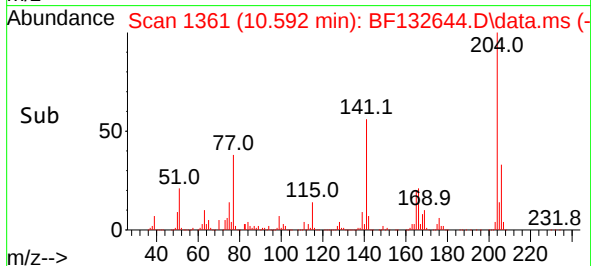
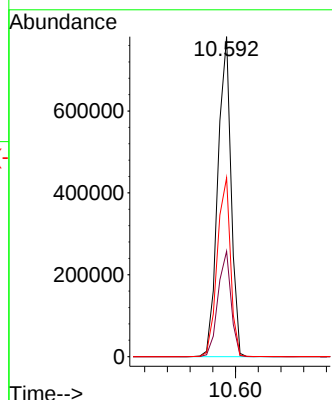
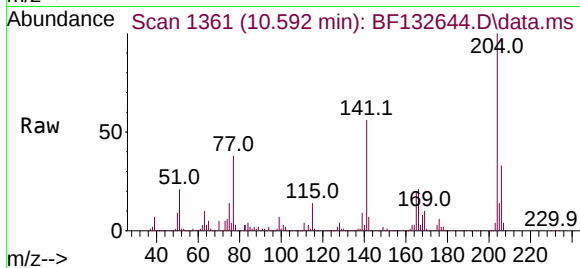
PB151233BS

Tgt Ion:204 Resp: 631449
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 55.9 47.8 71.8

Manual Integrations
APPROVED

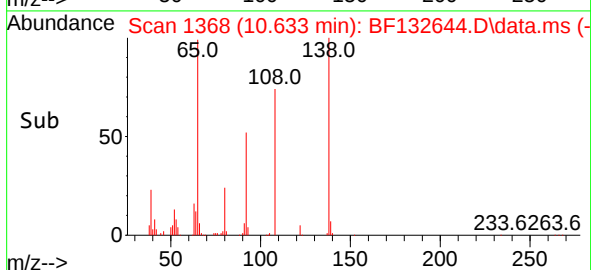
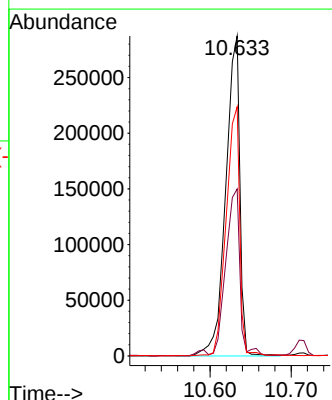
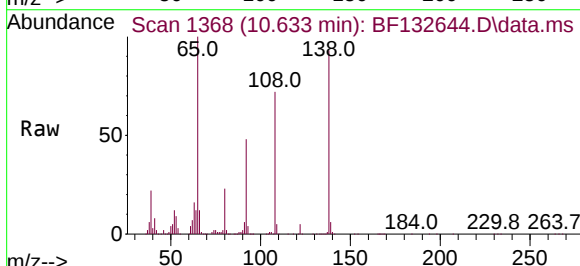
Reviewed By :Christian
Giraldo
03/07/2023

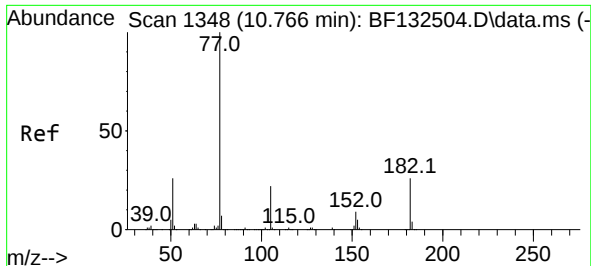
Supervised By :Jagrut
Upadhyay
03/07/2023



#62
4-Nitroaniline
Concen: 40.983 ng
RT: 10.633 min Scan# 1368
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

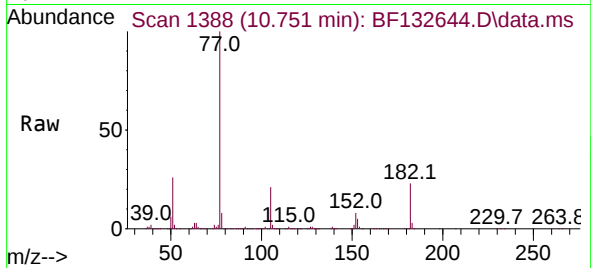
Tgt Ion:138 Resp: 345321
Ion Ratio Lower Upper
138 100
92 52.2 33.8 73.8
108 77.8 63.7 103.7





#63
Azobenzene
Concen: 37.487 ng
RT: 10.751 min Scan# 1348
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

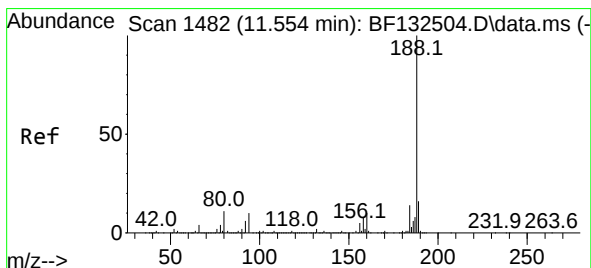
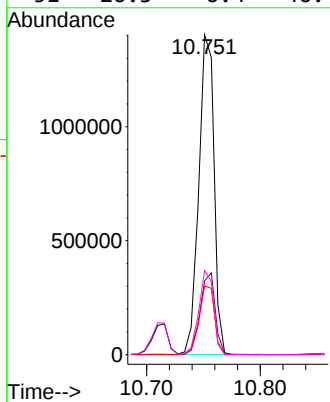
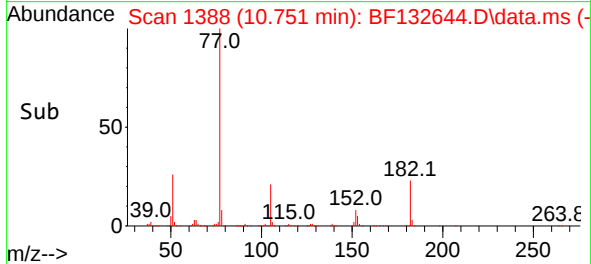
Instrument :
BNA_F
ClientSampleId :
PB151233BS



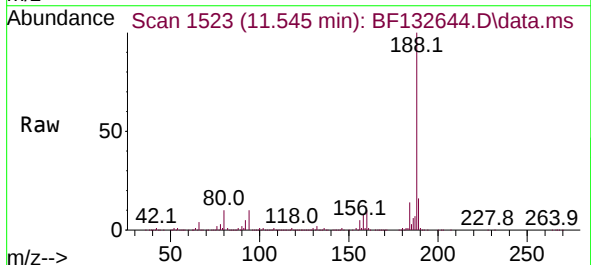
Tgt Ion: 77 Resp: 1306478
Ion Ratio Lower Upper
77 100
182 23.0 5.5 45.5
105 21.4 1.8 41.8
51 26.3 6.4 46.4

Manual Integrations
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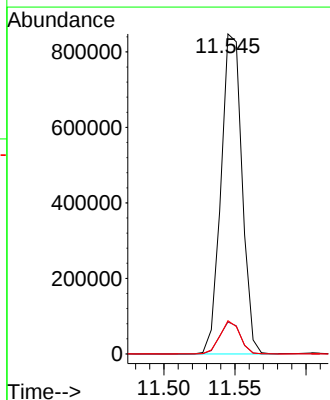
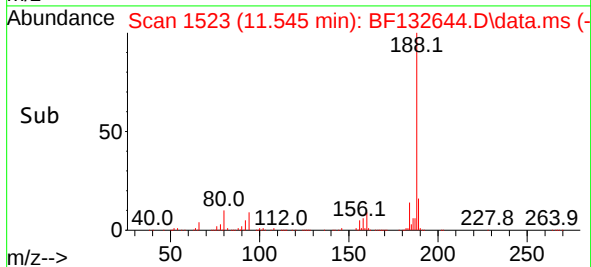
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023

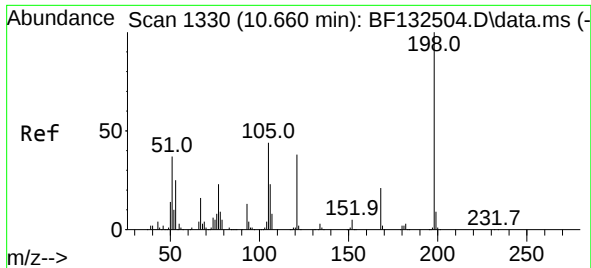


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59



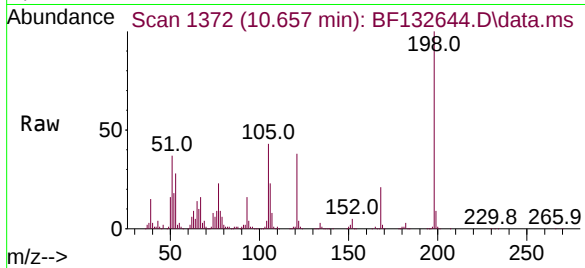
Tgt Ion:188 Resp: 874075
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.4 8.7 13.1





#65
4,6-Dinitro-2-methylphenol
Concen: 43.137 ng
RT: 10.657 min Scan# 1312
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

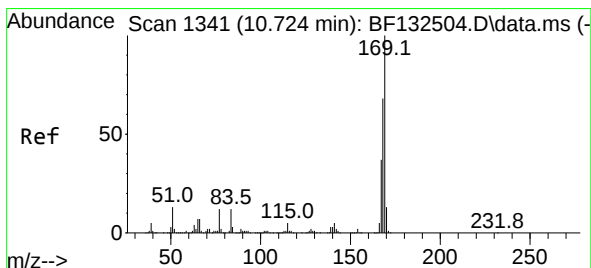
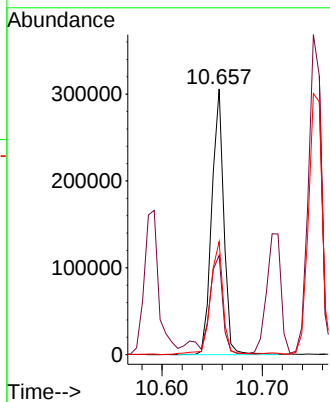
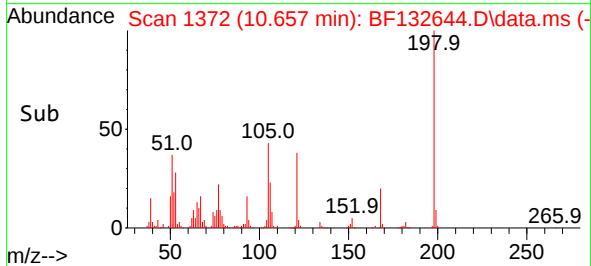
Instrument :
BNA_F
ClientSampleId :
PB151233BS



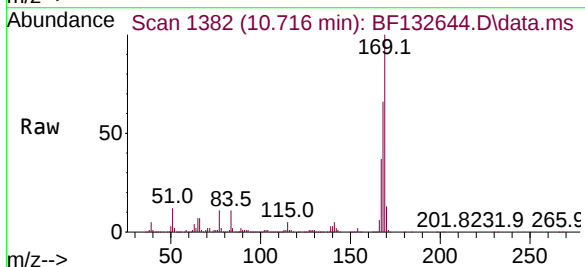
Tgt Ion:198 Resp: 255244
Ion Ratio Lower Upper
198 100
51 37.3 20.6 60.6
105 42.6 24.3 64.3

Manual Integrations
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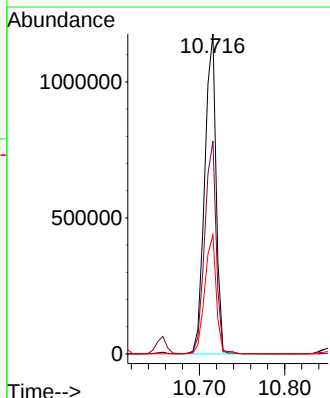
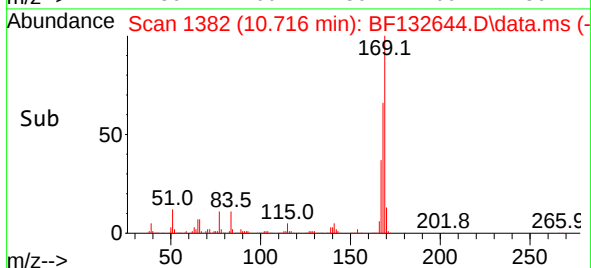
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023

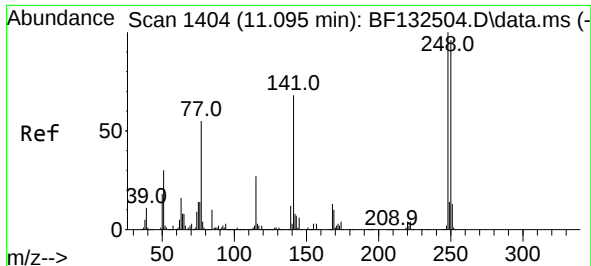


#66
n-Nitrosodiphenylamine
Concen: 40.047 ng
RT: 10.716 min Scan# 1382
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59



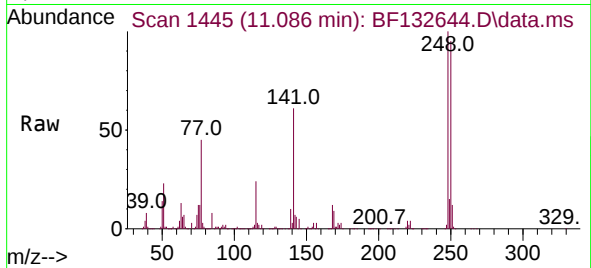
Tgt Ion:169 Resp: 1091273
Ion Ratio Lower Upper
169 100
168 66.5 54.2 81.4
167 37.2 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 41.330 ng
RT: 11.086 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

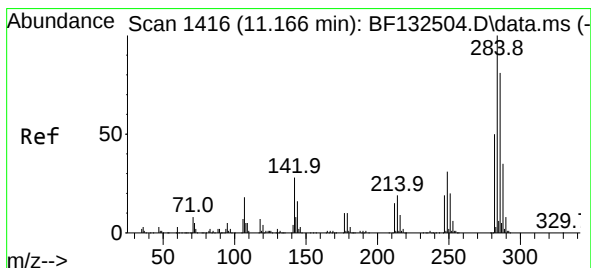
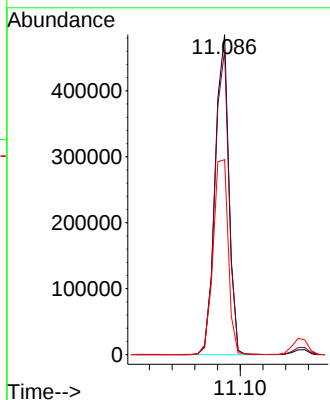
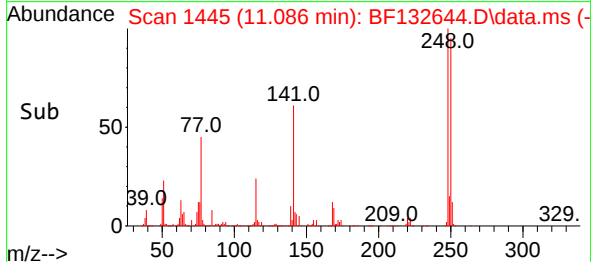
Instrument :
BNA_F
ClientSampleId :
PB151233BS



Tgt Ion:248 Resp: 408639
Ion Ratio Lower Upper
248 100
250 95.1 77.0 115.4
141 60.9 54.2 81.2

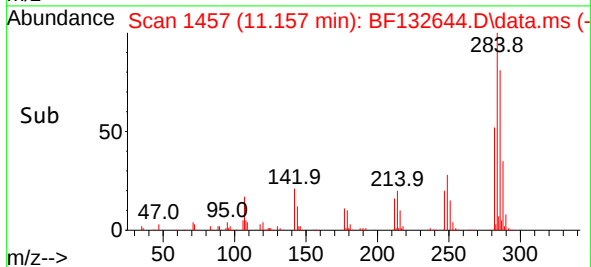
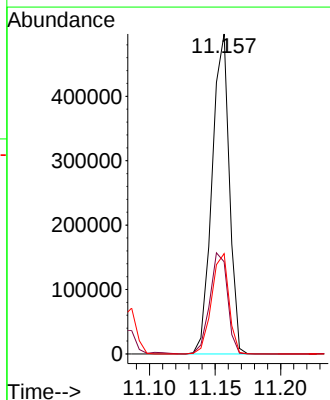
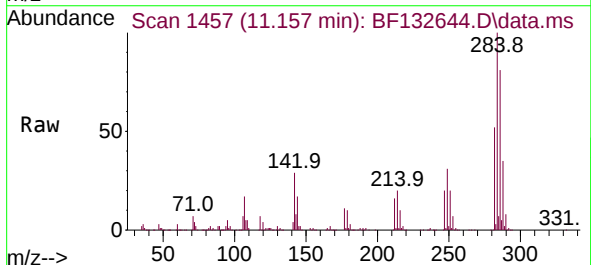
Manual Integrations
APPROVED

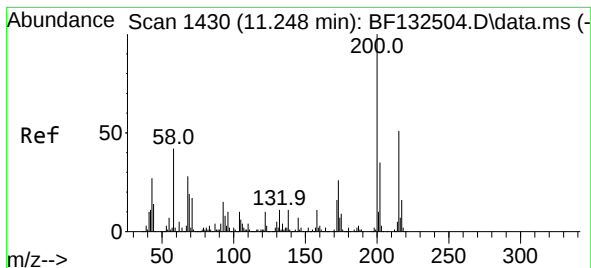
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023



#68
Hexachlorobenzene
Concen: 43.812 ng
RT: 11.157 min Scan# 1457
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

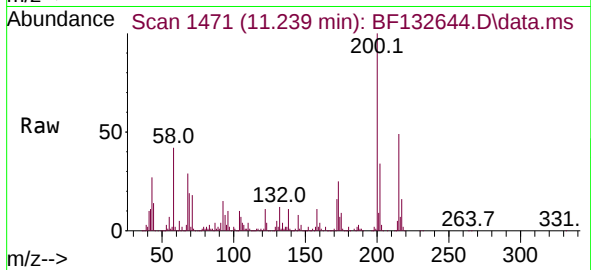
Tgt Ion:284 Resp: 455802
Ion Ratio Lower Upper
284 100
142 28.8 22.2 33.4
249 31.3 24.9 37.3





#69
Atrazine
Concen: 43.282 ng
RT: 11.239 min Scan# 1471
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

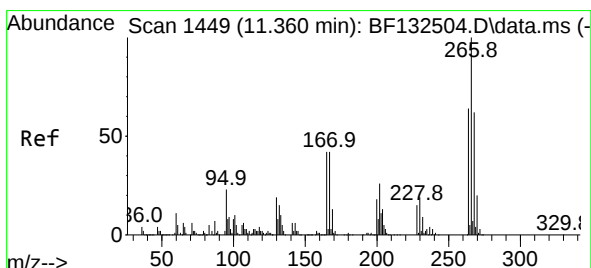
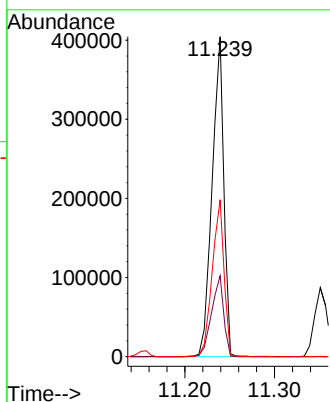
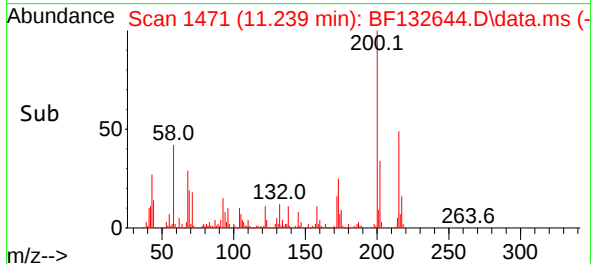
Instrument :
BNA_F
ClientSampleId :
PB151233BS



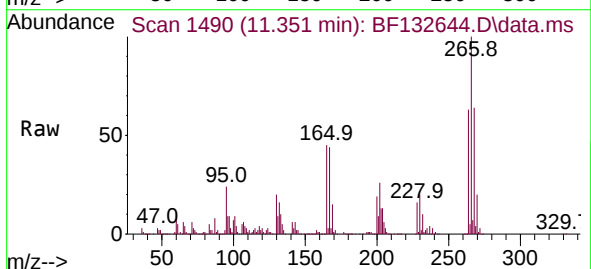
Tgt Ion:200 Resp: 368207
Ion Ratio Lower Upper
200 100
173 25.3 6.4 46.4
215 49.1 31.0 71.0

Manual Integrations
APPROVED

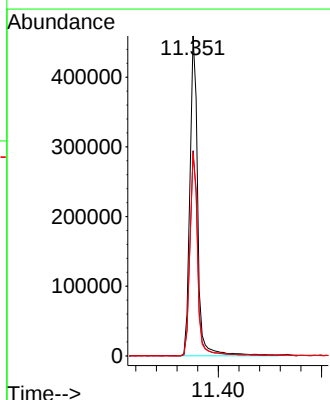
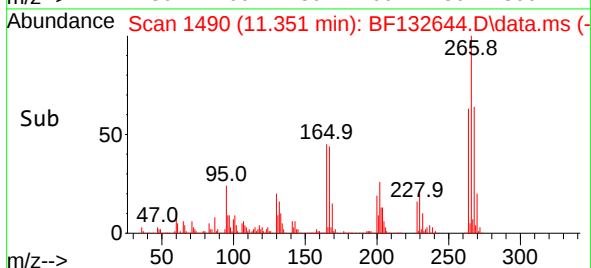
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023

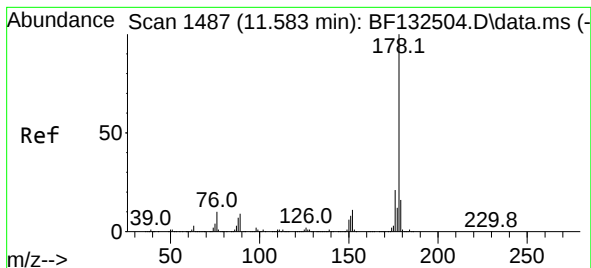


#70
Pentachlorophenol
Concen: 77.804 ng
RT: 11.351 min Scan# 1490
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59



Tgt Ion:266 Resp: 481588
Ion Ratio Lower Upper
266 100
268 64.1 49.8 74.6
264 63.3 50.9 76.3





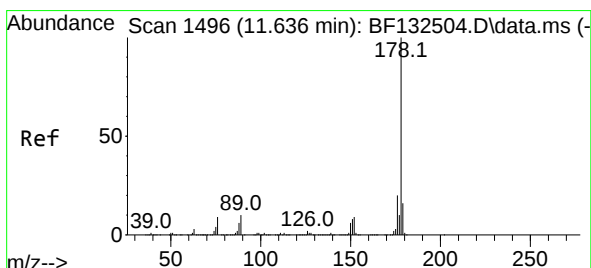
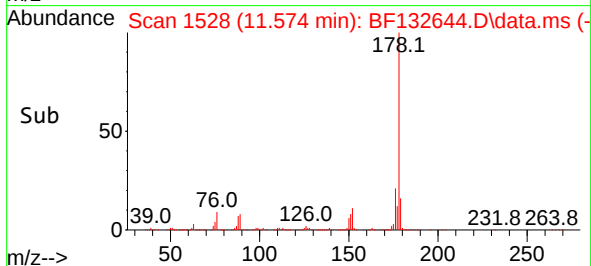
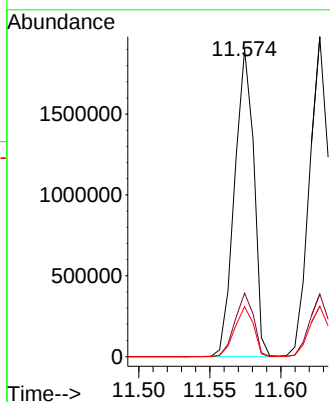
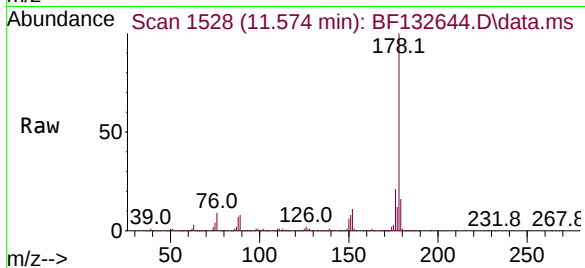
#71
Phenanthrene
Concen: 39.506 ng
RT: 11.574 min Scan# 11537
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Instrument :
BNA_F
ClientSampleId :
PB151233BS

Tgt Ion:178 Resp: 178888
Ion Ratio Lower Upper
178 100
176 20.6 16.5 24.7
179 16.2 13.0 19.6

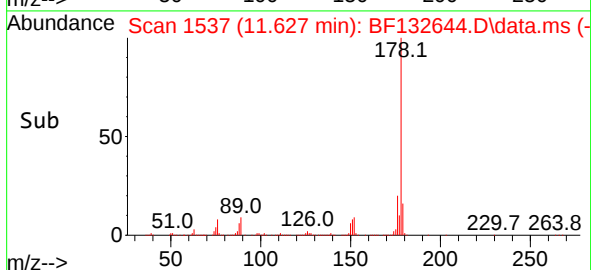
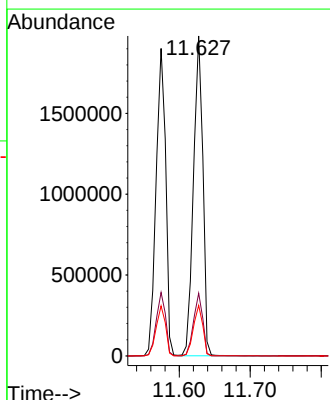
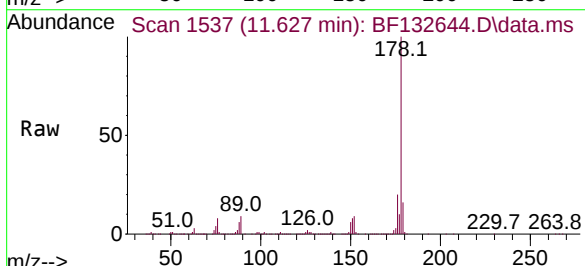
Manual Integrations
APPROVED

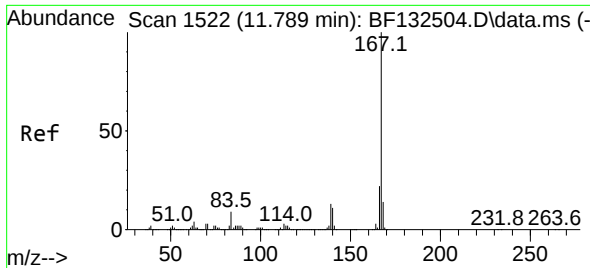
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023



#72
Anthracene
Concen: 39.119 ng
RT: 11.627 min Scan# 1537
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Tgt Ion:178 Resp: 1824114
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.8 12.5 18.7





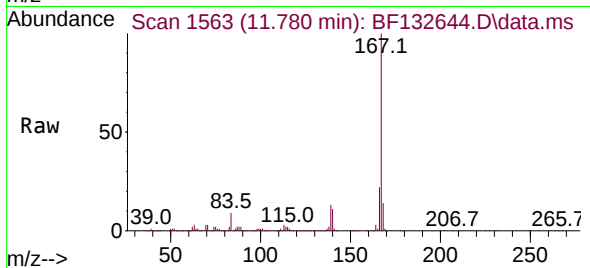
#73
 Carbazole
 Concen: 40.784 ng
 RT: 11.780 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132644.D
 Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB151233BS

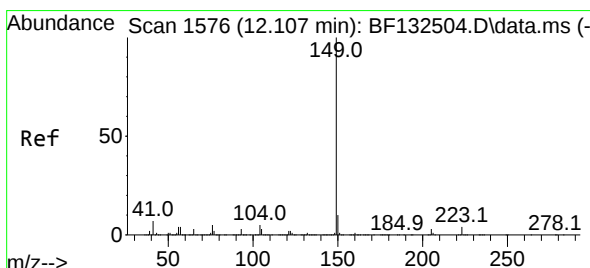
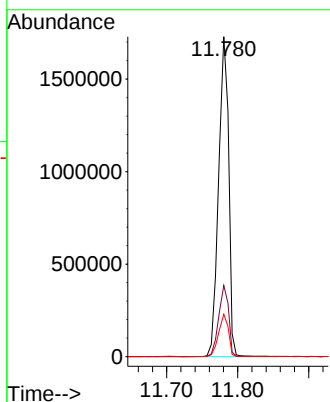
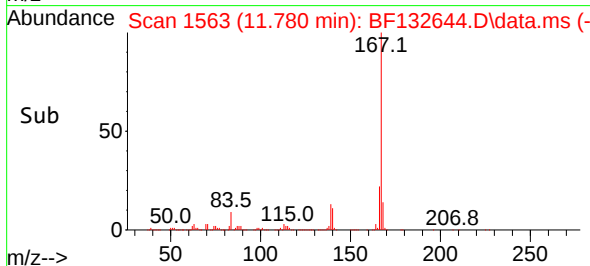


Tgt Ion:167 Resp: 1714618
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 13.2 10.5 15.7

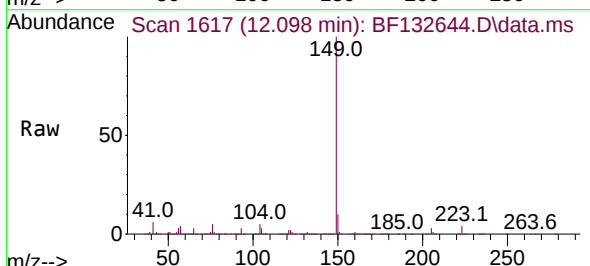
Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo
 03/07/2023

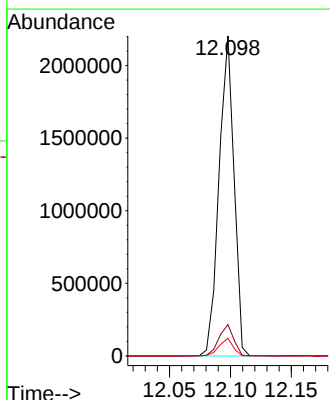
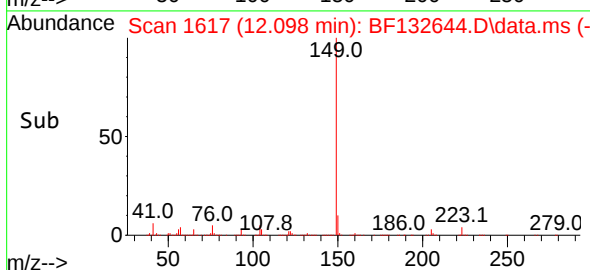
Supervised By :Jagrut
 Upadhyay
 03/07/2023

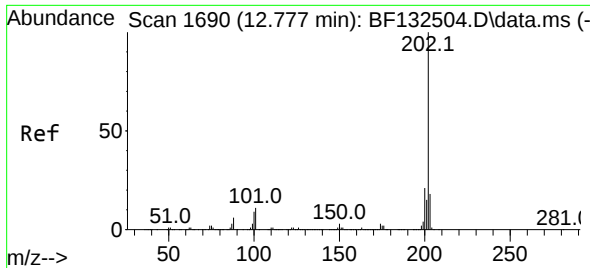


#74
 Di-n-butylphthalate
 Concen: 38.278 ng
 RT: 12.098 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: BF132644.D
 Acq: 06 Mar 2023 11:59



Tgt Ion:149 Resp: 1887682
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 5.5 4.3 6.5





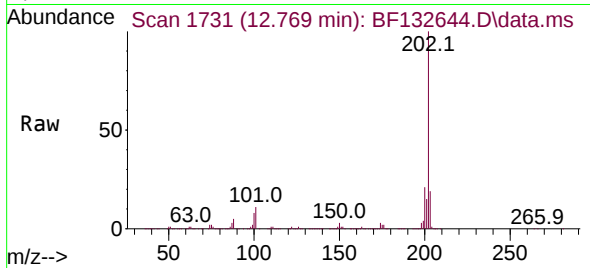
#75
Fluoranthene
Concen: 38.993 ng
RT: 12.769 min Scan# 1731
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB151233BS

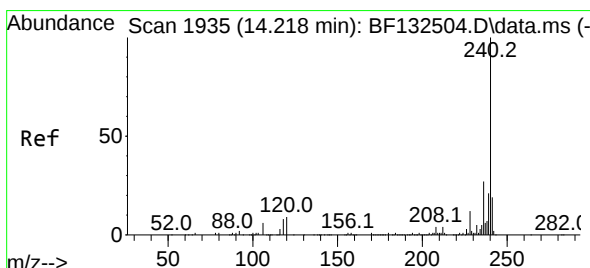
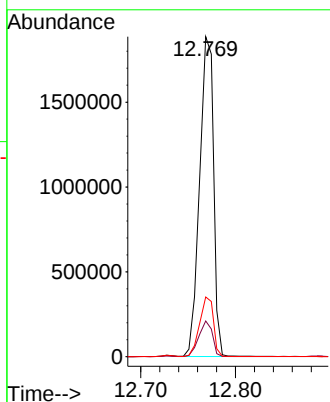
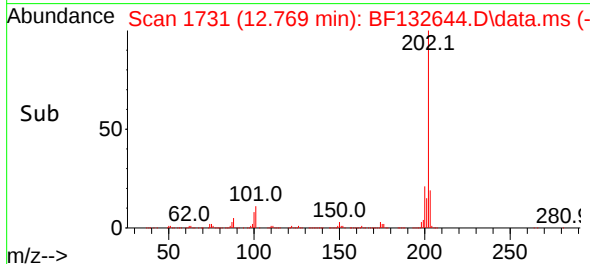


Tgt Ion:202 Resp: 1930215
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 18.6 0.0 38.0

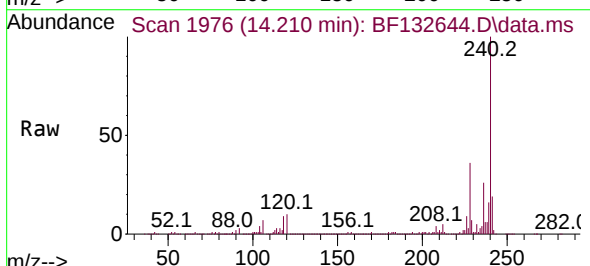
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo
03/07/2023

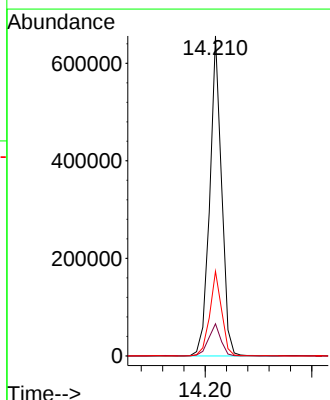
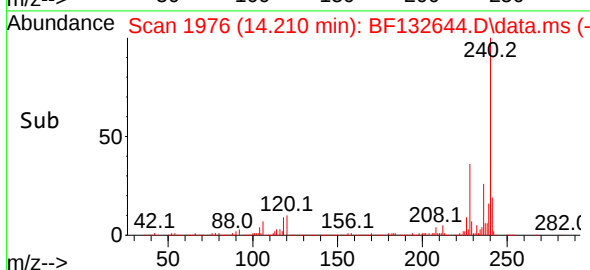
Supervised By :Jagrut
Upadhyay
03/07/2023

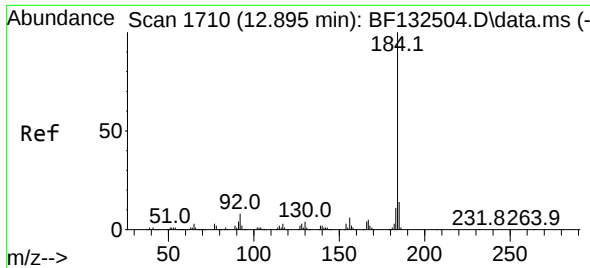


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.210 min Scan# 1976
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59



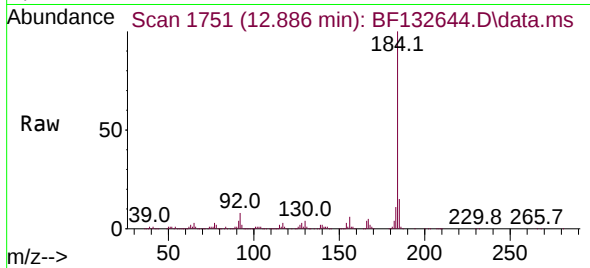
Tgt Ion:240 Resp: 505100
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 26.4 21.8 32.6





#77
Benzidine
Concen: 41.034 ng
RT: 12.886 min Scan# 1771
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

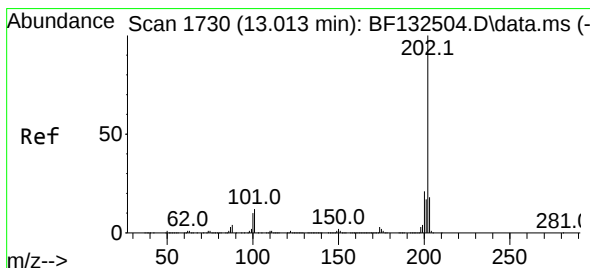
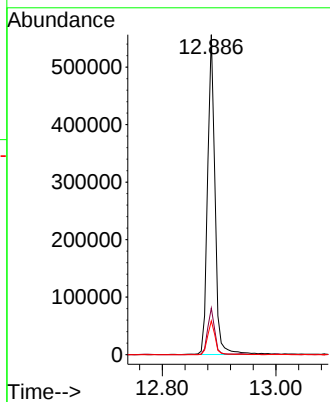
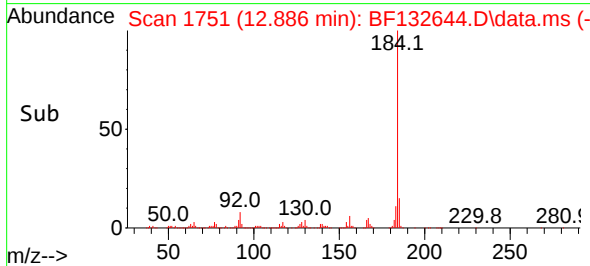
Instrument :
BNA_F
ClientSampleId :
PB151233BS



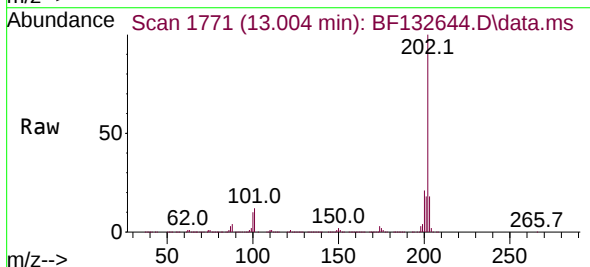
Tgt Ion:184 Resp: 504531
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 10.5 8.7 13.1

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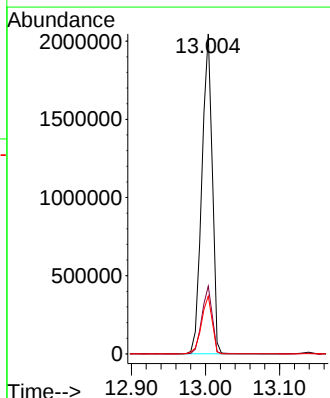
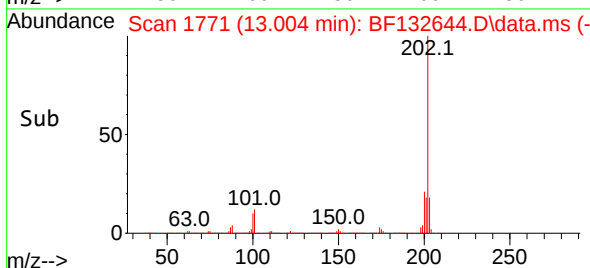
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023

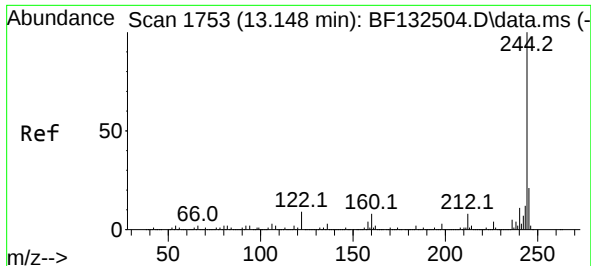


#78
Pyrene
Concen: 43.305 ng
RT: 13.004 min Scan# 1771
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59



Tgt Ion:202 Resp: 1988693
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 18.1 14.6 21.8





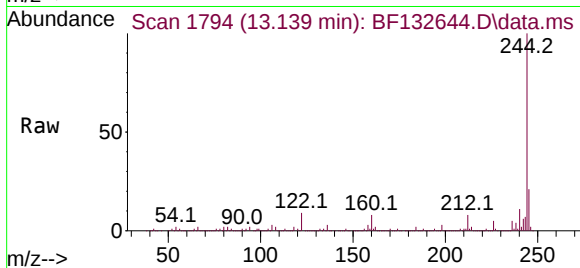
#79
Terphenyl-d14
Concen: 87.590 ng
RT: 13.139 min Scan# 1794
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB151233BS

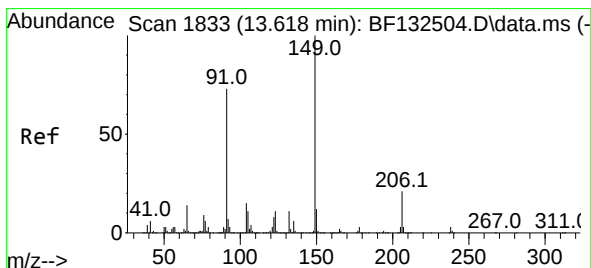
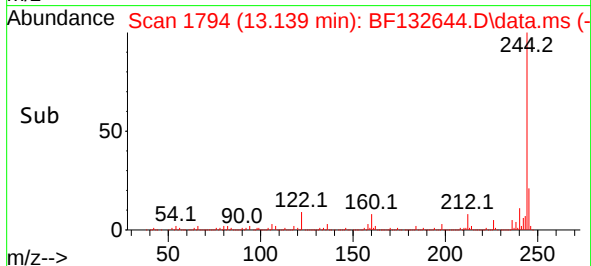
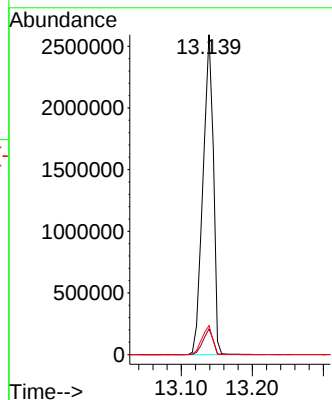


Tgt Ion:244 Resp: 2616711
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 9.1 7.5 11.3

Manual Integrations
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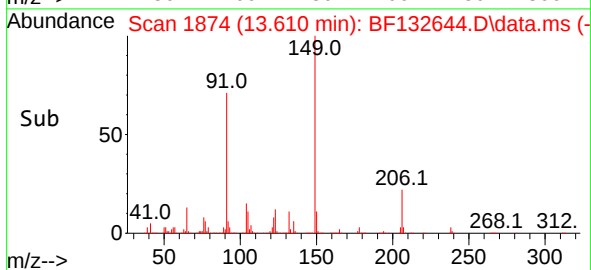
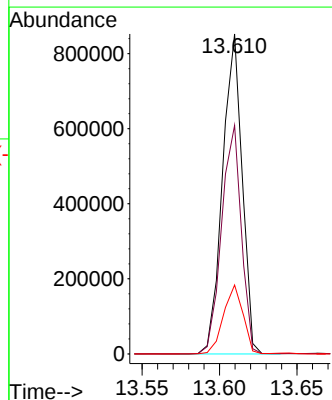
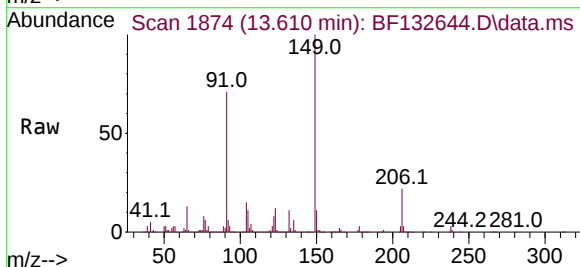
Reviewed By :Christian
Giraldo
03/07/2023

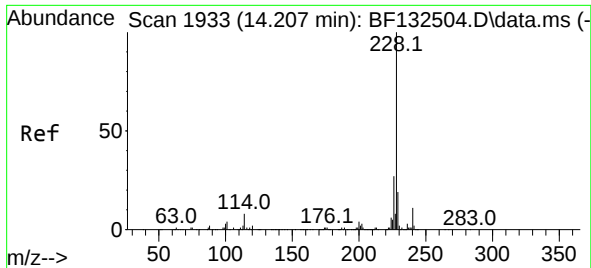
Supervised By :Jagrut
Upadhyay
03/07/2023



#80
Butylbenzylphthalate
Concen: 41.383 ng
RT: 13.610 min Scan# 1874
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

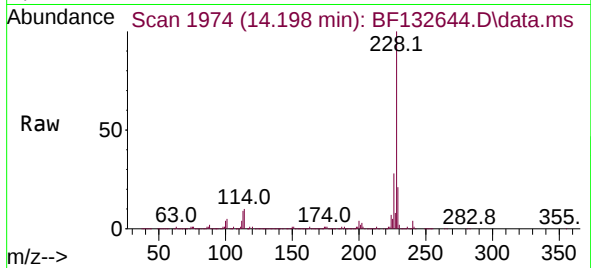
Tgt Ion:149 Resp: 749943
Ion Ratio Lower Upper
149 100
91 71.4 58.4 87.6
206 21.5 16.8 25.2





#81
Benzo(a)anthracene
Concen: 41.243 ng
RT: 14.198 min Scan# 1933
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

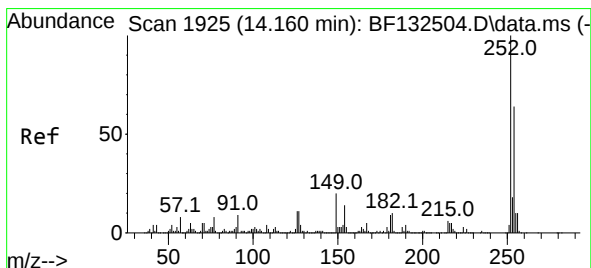
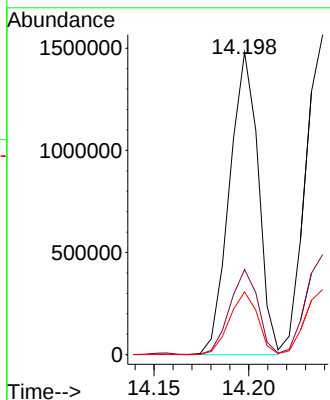
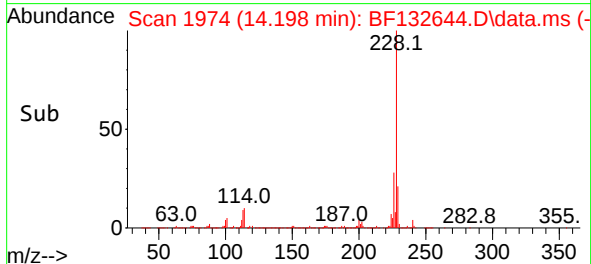
Instrument :
BNA_F
ClientSampleId :
PB151233BS



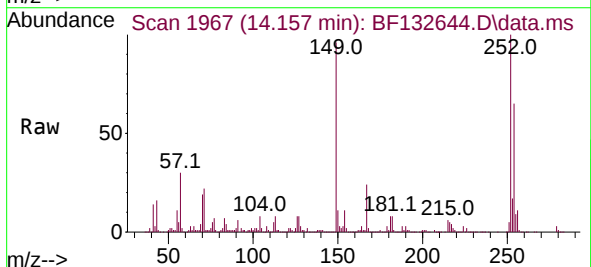
Tgt Ion:228 Resp: 1558680
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 20.8 15.4 23.2

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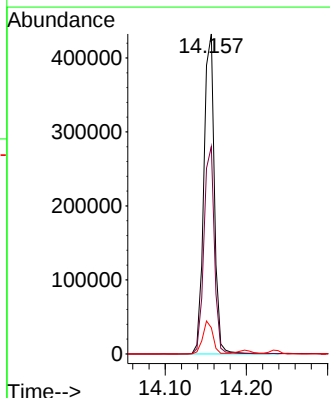
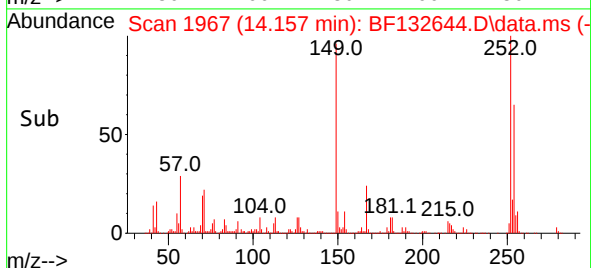
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023

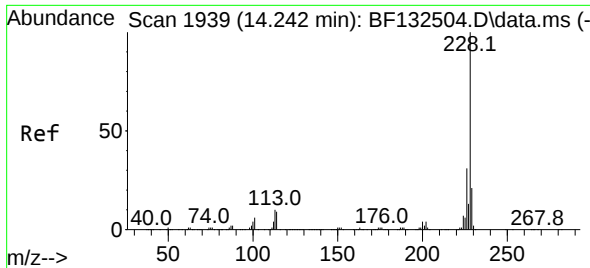


#82
3,3'-Dichlorobenzidine
Concen: 35.038 ng
RT: 14.157 min Scan# 1967
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59



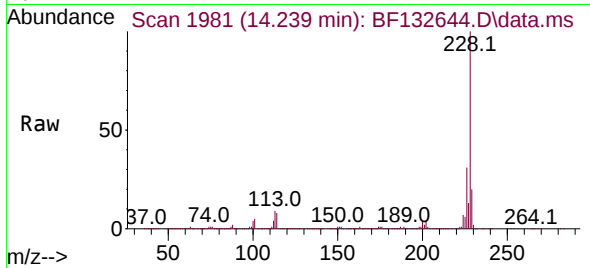
Tgt Ion:252 Resp: 390393
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.2
126 8.2 8.9 13.3#





#83
Chrysene
Concen: 40.685 ng
RT: 14.239 min Scan# 1939
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

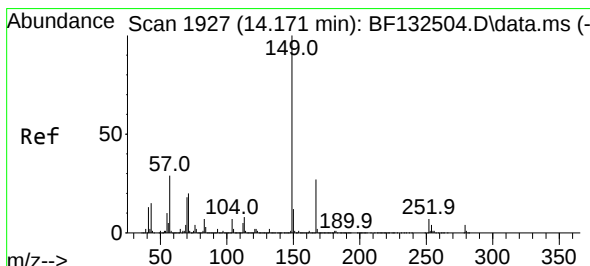
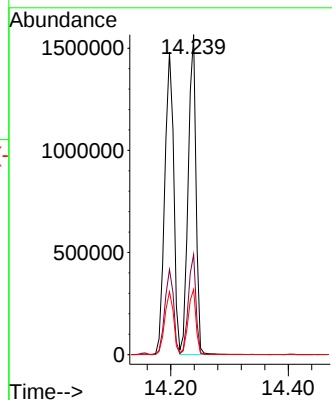
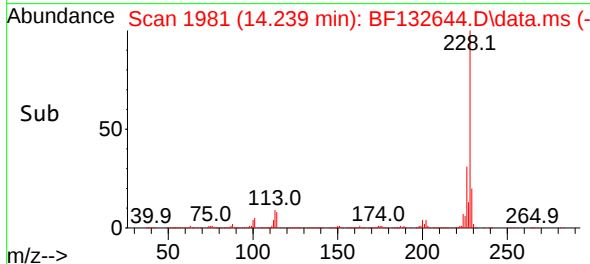
Instrument :
BNA_F
ClientSampleId :
PB151233BS



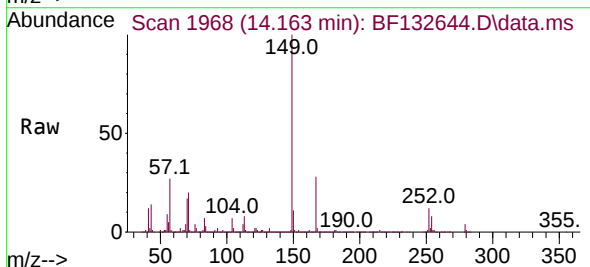
Tgt Ion:228 Resp: 1437849
Ion Ratio Lower Upper
228 100
226 31.3 25.0 37.6
229 20.4 16.4 24.6

Manual Integrations
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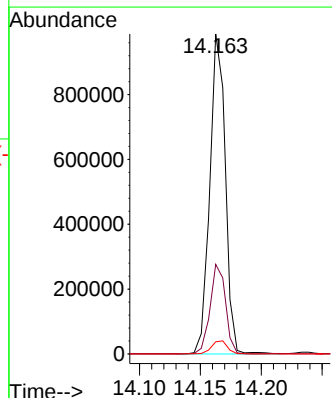
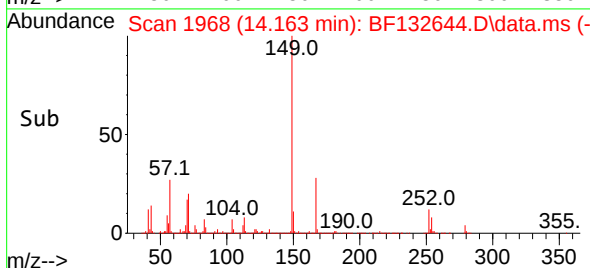
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023

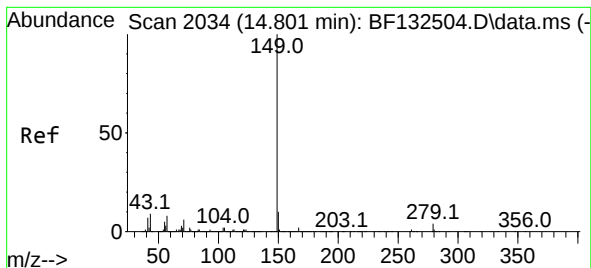


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.443 ng
RT: 14.163 min Scan# 1968
Delta R.T. -0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59



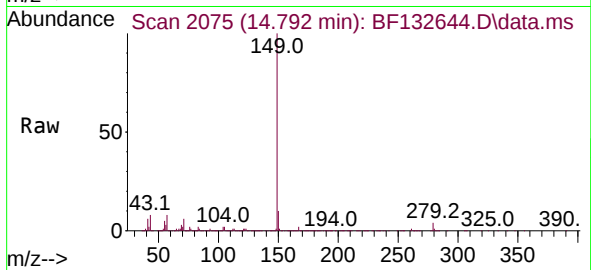
Tgt Ion:149 Resp: 878083
Ion Ratio Lower Upper
149 100
167 28.0 21.8 32.6
279 3.8 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 40.184 ng
RT: 14.792 min Scan# 2034
Delta R.T. 0.003 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

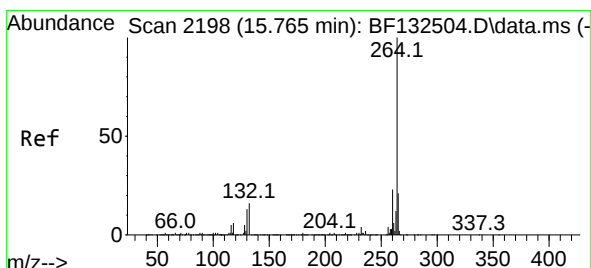
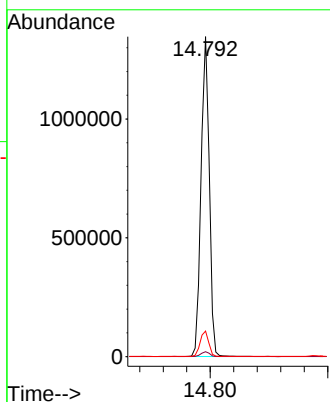
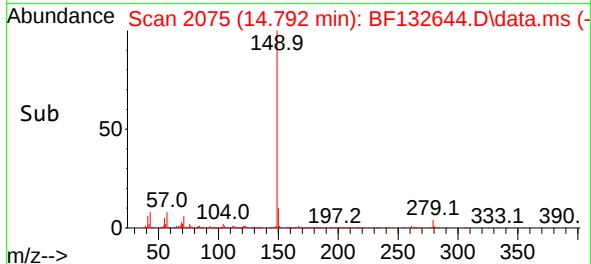
Instrument :
BNA_F
ClientSampleId :
PB151233BS



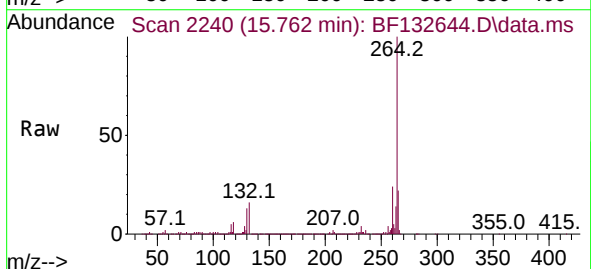
Tgt Ion:149 Resp: 1307236
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.2 7.2 10.8

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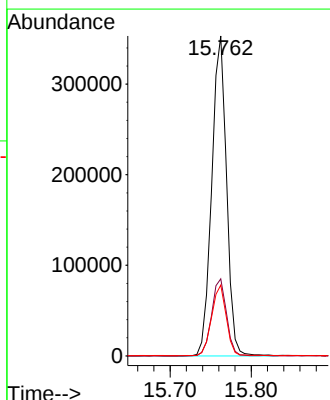
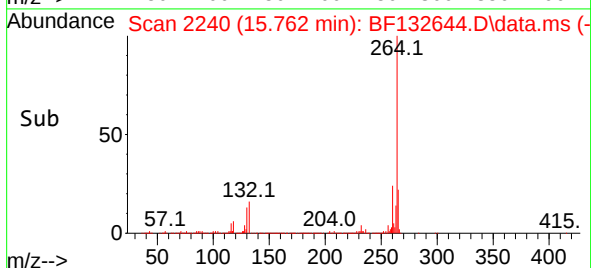
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023

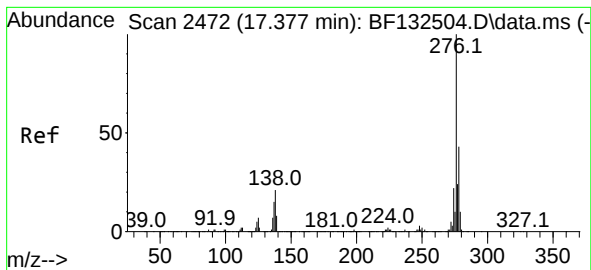


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.762 min Scan# 2240
Delta R.T. 0.009 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59



Tgt Ion:264 Resp: 447593
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 22.1 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.182 ng

RT: 17.374 min Scan# 2117

Delta R.T. 0.015 min

Lab File: BF132644.D

Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

PB151233BS

Tgt Ion:276 Resp: 1471745

Ion Ratio Lower Upper

276 100

138 22.9 19.0 28.4

277 25.2 20.0 30.0

Manual Integrations

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Reviewed By :Christian

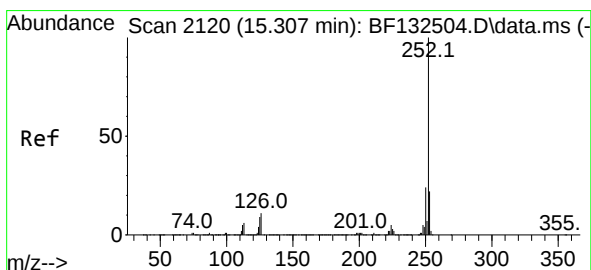
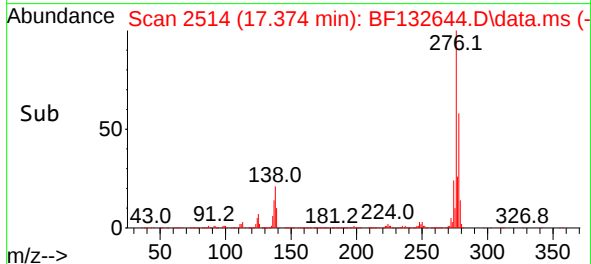
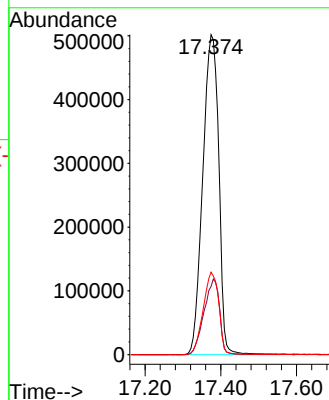
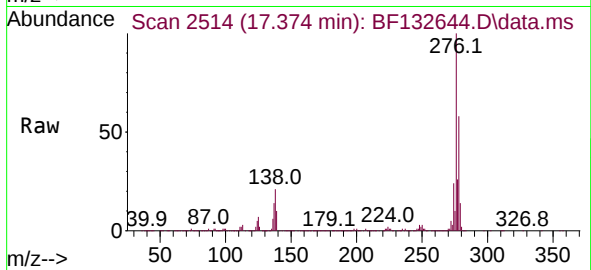
Giraldo

03/07/2023

Supervised By :Jagrut

Upadhyay

03/07/2023



#88

Benzo(b)fluoranthene

Concen: 47.407 ng

RT: 15.298 min Scan# 2161

Delta R.T. 0.003 min

Lab File: BF132644.D

Acq: 06 Mar 2023 11:59

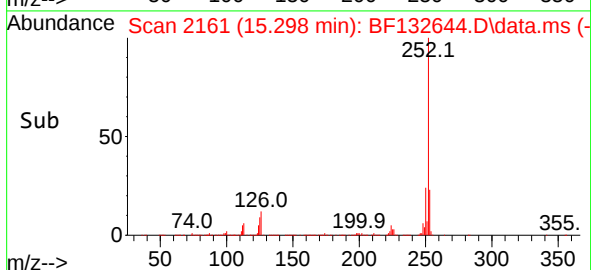
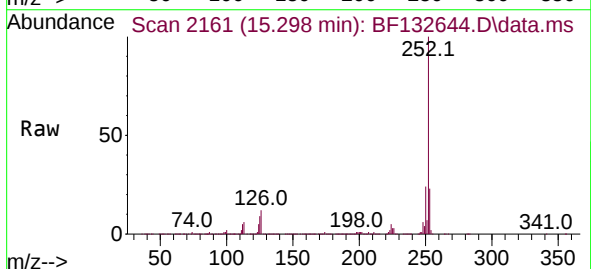
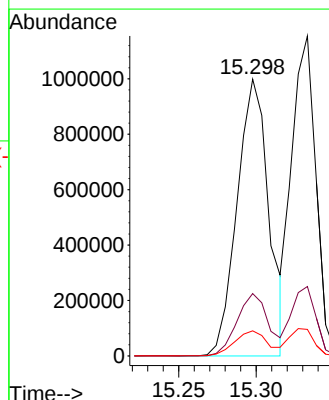
Tgt Ion:252 Resp: 1422003

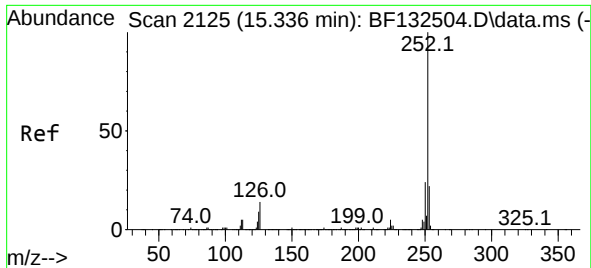
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

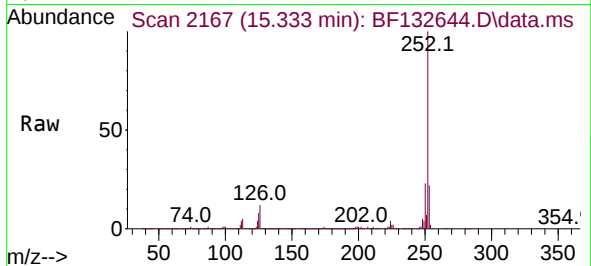
125 9.0 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 42.810 ng
RT: 15.333 min Scan# 2125
Delta R.T. 0.009 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

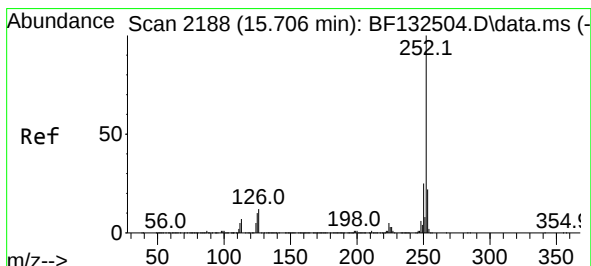
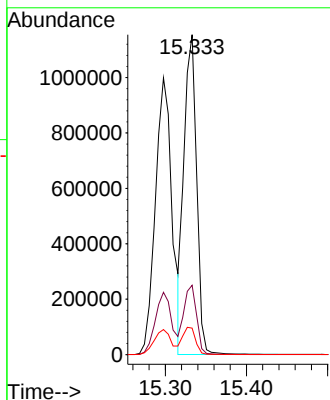
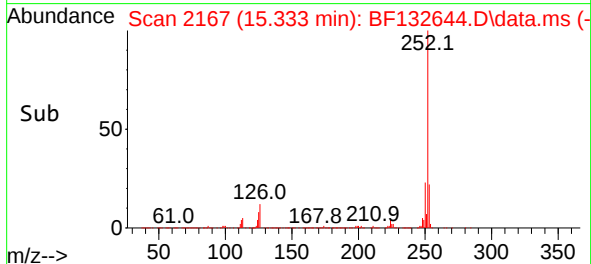
Instrument :
BNA_F
ClientSampleId :
PB151233BS



Tgt Ion:252 Resp: 1256738
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.3 7.2 10.8

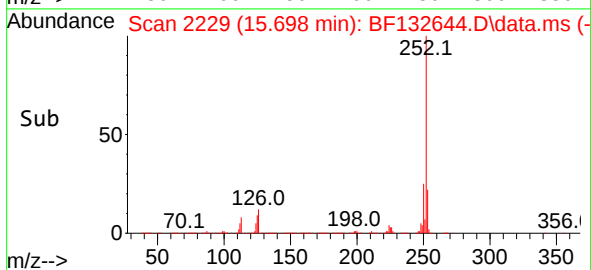
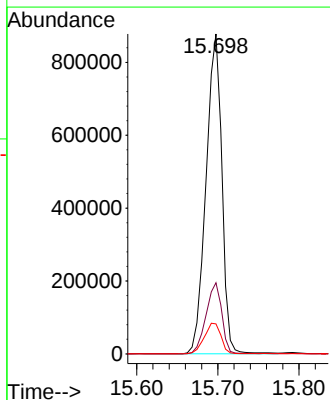
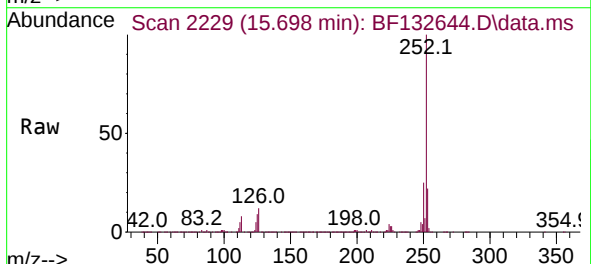
Manual Integrations
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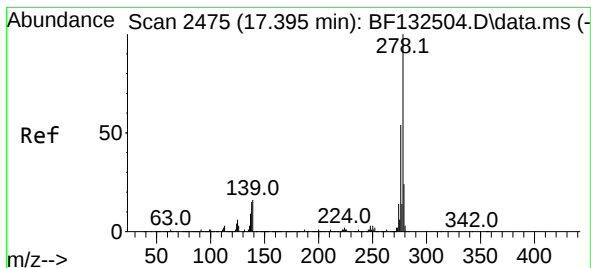
Reviewed By :Christian
Giraldo
03/07/2023
Supervised By :Jagrut
Upadhyay
03/07/2023



#90
Benzo(a)pyrene
Concen: 42.540 ng
RT: 15.698 min Scan# 2229
Delta R.T. 0.009 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Tgt Ion:252 Resp: 1194244
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 9.4 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 50.005 ng
RT: 17.392 min Scan# 2517
Delta R.T. 0.015 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Instrument :

BNA_F

ClientSampleId :

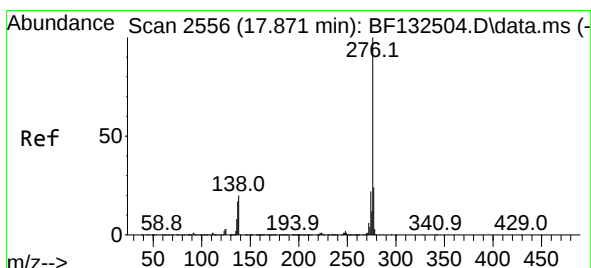
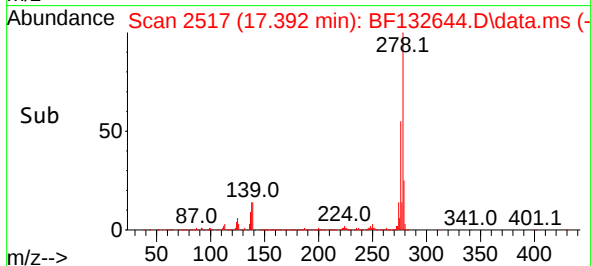
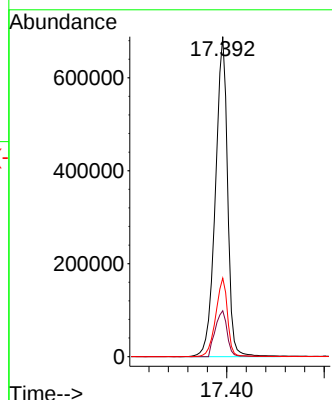
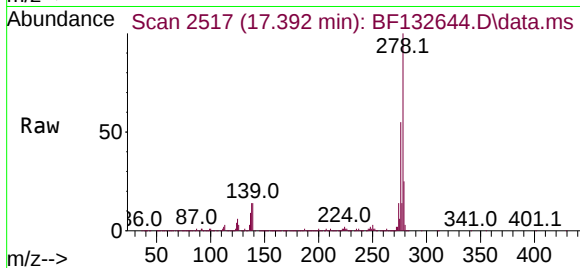
PB151233BS

Tgt Ion:278 Resp: 1194900
Ion Ratio Lower Upper
278 100
139 14.3 13.0 19.4
279 24.5 19.0 28.4

Manual Integrations
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Reviewed By :Christian
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03/07/2023

Supervised By :Jagrut
Upadhyay
03/07/2023



#92
Benzo(g,h,i)perylene
Concen: 46.957 ng
RT: 17.862 min Scan# 2597
Delta R.T. 0.009 min
Lab File: BF132644.D
Acq: 06 Mar 2023 11:59

Tgt Ion:276 Resp: 1267090
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 19.7 16.2 24.4

