

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132704.D
 Acq On : 08 Mar 2023 22:39
 Operator : CG\JU
 Sample : 01829-11MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-10-20230306MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/09/2023
 Supervised By : Jagrut Upadhyay 03/09/2023

Quant Time: Mar 09 04:30:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.992	152	124640	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	411483	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	166755	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	201116	20.000	ng	# 0.05
76) Chrysene-d12	14.262	240	156892	20.000	ng	# 0.06
86) Perylene-d12	15.827	264	147627	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	792605	103.207	ng	0.00
7) Phenol-d6	6.628	99	949879	94.772	ng	0.00
23) Nitrobenzene-d5	7.557	82	597934	68.942	ng	0.00
42) 2,4,6-Tribromophenol	10.857	330	217086	120.544	ng	0.02
45) 2-Fluorobiphenyl	9.351	172	883147	80.641	ng	0.00
79) Terphenyl-d14	13.198	244	664819	71.644	ng	0.07
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	149773	35.256	ng	98
3) Pyridine	3.604	79	414884	36.793	ng	96
4) n-Nitrosodimethylamine	3.534	42	167200	39.255	ng	# 93
8) 2-Chlorophenol	6.786	128	356265	44.697	ng	93
9) Benzaldehyde	6.545	77	166601	30.805	ng	95
10) Phenol	6.639	94	453853	39.497	ng	99
11) bis(2-Chloroethyl)ether	6.722	93	410332	46.257	ng	94
12) 1,3-Dichlorobenzene	6.933	146	377763	44.165	ng	98
13) 1,4-Dichlorobenzene	7.010	146	385046	45.083	ng	99
14) 1,2-Dichlorobenzene	7.163	146	366958	44.769	ng	98
15) Benzyl Alcohol	7.133	79	310562	40.234	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.263	45	450028	39.783	ng	95
17) 2-Methylphenol	7.251	107	284254	38.212	ng	95
18) Hexachloroethane	7.504	117	110803	33.207	ng	94
19) n-Nitroso-di-n-propyla...	7.398	70	239350	38.803	ng	98
20) 3+4-Methylphenols	7.398	107	337649	35.134	ng	# 73
22) Acetophenone	7.398	105	470281	45.325	ng	# 91
24) Nitrobenzene	7.575	77	385467	41.557	ng	98
25) Isophorone	7.810	82	687810	41.364	ng	98
26) 2-Nitrophenol	7.892	139	81512	19.917	ng	90
27) 2,4-Dimethylphenol	7.928	122	288235	44.624	ng	99
28) bis(2-Chloroethoxy)met...	8.016	93	419289	43.105	ng	99
29) 2,4-Dichlorophenol	8.139	162	278644	43.367	ng	97
30) 1,2,4-Trichlorobenzene	8.216	180	307665	44.097	ng	99
31) Naphthalene	8.298	128	885109	42.017	ng	99
32) Benzoic acid	8.057	122	205618	41.004	ng	97
33) 4-Chloroaniline	8.363	127	29787	3.300	ng	# 91
34) Hexachlorobutadiene	8.410	225	202424	45.657	ng	99
35) Caprolactam	8.733	113	82356	38.879	ng	94
36) 4-Chloro-3-methylphenol	8.827	107	267332	37.885	ng	99
37) 2-Methylnaphthalene	8.992	142	544542	37.932	ng	100
38) 1-Methylnaphthalene	9.092	142	515735	38.442	ng	99
40) 1,2,4,5-Tetrachloroben...	9.157	216	308033	56.459	ng	99
41) Hexachlorocyclopentadiene	9.139	237	32215	10.886	ng	95
43) 2,4,6-Trichlorophenol	9.269	196	193596	52.360	ng	97
44) 2,4,5-Trichlorophenol	9.322	196	198445	45.986	ng	# 94

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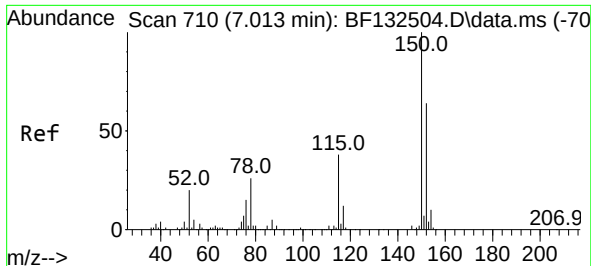
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.457	154	591067	46.830	ng	97
47) 2-Chloronaphthalene	9.486	162	465380	46.506	ng	98
48) 2-Nitroaniline	9.580	65	158329	42.960	ng	97
49) Acenaphthylene	9.904	152	656576	41.227	ng	96
50) Dimethylphthalate	9.751	163	597163	49.182	ng	99
51) 2,6-Dinitrotoluene	9.816	165	77045	27.863	ng	92
52) Acenaphthene	10.080	154	381806	37.754	ng	99
53) 3-Nitroaniline	9.992	138	60536m	19.571	ng	
54) 2,4-Dinitrophenol	10.104	184	4459	4.345	ng	# 1
55) Dibenzofuran	10.251	168	581493	39.442	ng	96
56) 4-Nitrophenol	10.163	139	153359	66.481	ng	# 33
57) 2,4-Dinitrotoluene	10.227	165	83295	22.642	ng	# 88
58) Fluorene	10.604	166	412520	36.581	ng	94
59) 2,3,4,6-Tetrachlorophenol	10.374	232	128300	40.023	ng	# 92
60) Diethylphthalate	10.463	149	476706	40.200	ng	# 90
61) 4-Chlorophenyl-phenyle...	10.592	204	236253	40.384	ng	94
62) 4-Nitroaniline	10.610	138	35040	11.540	ng	# 59
63) Azobenzene	10.757	77	343028	27.314	ng	88
65) 4,6-Dinitro-2-methylph...	10.645	198	2743	2.015	ng	# 1
66) n-Nitrosodiphenylamine	10.710	169	360692	57.527	ng	97
67) 4-Bromophenyl-phenylether	11.098	248	150662	66.227	ng	95
68) Hexachlorobenzene	11.180	284	167924	70.151	ng	# 88
70) Pentachlorophenol	11.380	266	165108	115.930	ng	100
71) Phenanthrene	11.604	178	486489	46.693	ng	# 87
72) Anthracene	11.657	178	490578	45.725	ng	# 84
73) Carbazole	11.810	167	409074	42.289	ng	# 82
74) Di-n-butylphthalate	12.139	149	414420	36.523	ng	# 86
75) Fluoranthene	12.839	202	438697	38.516	ng	75
78) Pyrene	13.074	202	609461	42.726	ng	# 89
80) Butylbenzylphthalate	13.657	149	147478	26.200	ng	# 91
81) Benzo(a)anthracene	14.251	228	473839	40.364	ng	# 93
83) Chrysene	14.292	228	455267	41.473	ng	# 95
84) Bis(2-ethylhexyl)phtha...	14.204	149	269956	39.040	ng	# 93
85) Di-n-octyl phthalate	14.827	149	394945	39.085	ng	# 86
87) Indeno(1,2,3-cd)pyrene	17.450	276	510218	52.746	ng	# 94
88) Benzo(b)fluoranthene	15.356	252	469477	47.454	ng	# 80
89) Benzo(k)fluoranthene	15.386	252	380363	39.284	ng	# 81
90) Benzo(a)pyrene	15.762	252	368110	39.756	ng	# 79
91) Dibenzo(a,h)anthracene	17.456	278	428032	54.309	ng	96
92) Benzo(g,h,i)perylene	17.939	276	429212	48.183	ng	98

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

Manual Integrations

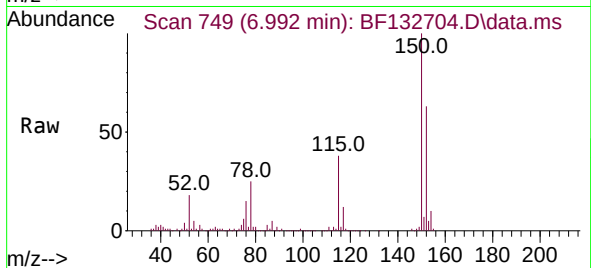
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.992 min Scan# 74
Delta R.T. -0.001 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

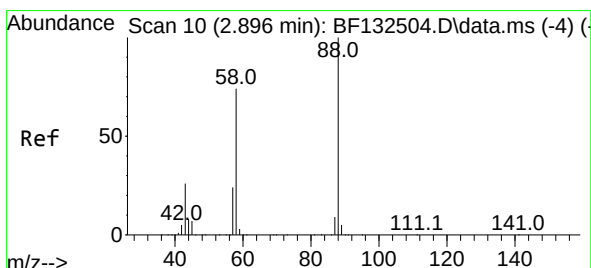
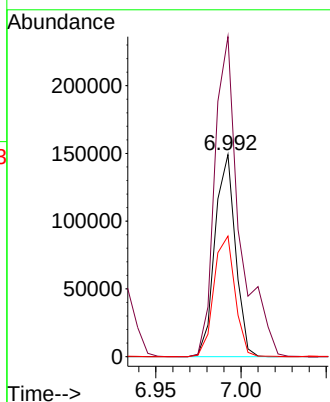
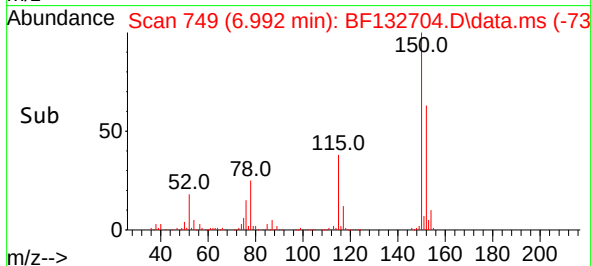
Instrument :
BNA_F
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SS-10-20230306MS



Tgt Ion:152 Resp: 124640
Ion Ratio Lower Upper
152 100
150 158.4 125.4 188.2
115 59.7 47.8 71.6

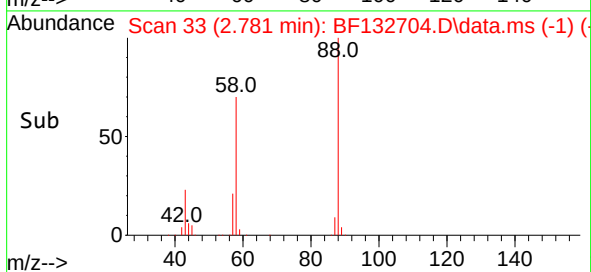
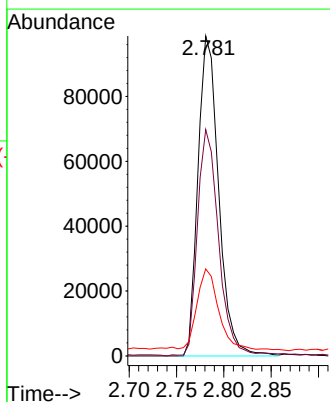
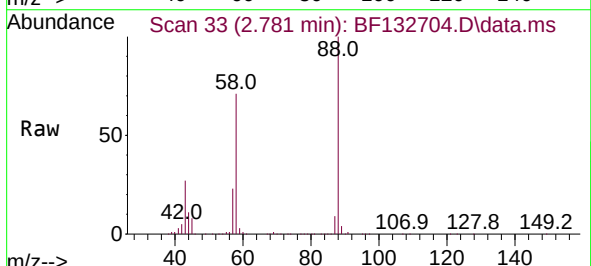
Manual Integrations
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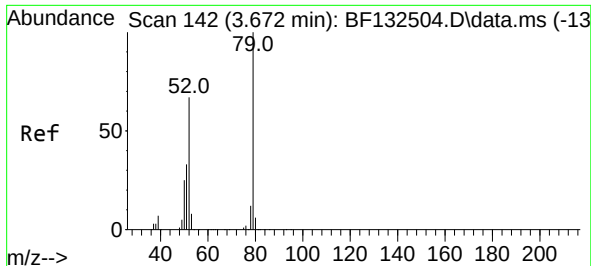
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#2
1,4-Dioxane
Concen: 35.256 ng
RT: 2.781 min Scan# 33
Delta R.T. -0.059 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

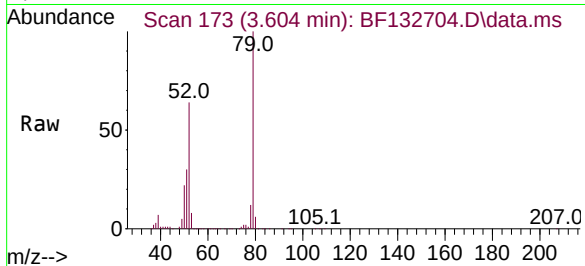
Tgt Ion: 88 Resp: 149773
Ion Ratio Lower Upper
88 100
58 73.3 58.3 87.5
43 28.4 20.7 31.1





#3
Pyridine
Concen: 36.793 ng
RT: 3.604 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

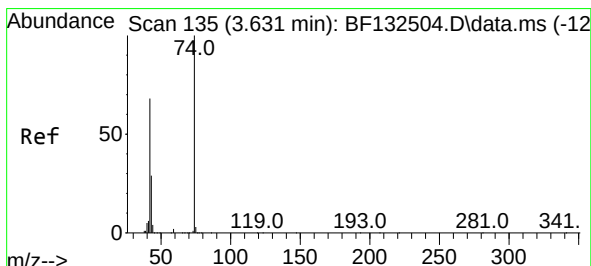
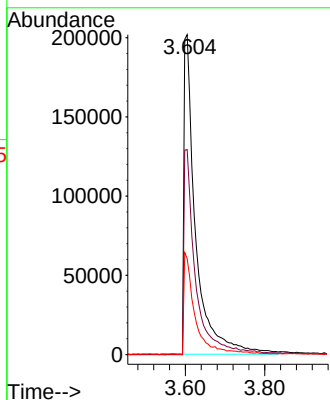
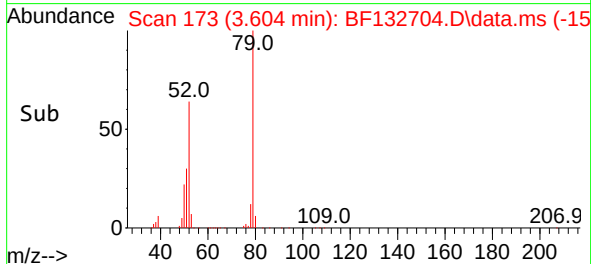
Instrument :
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ClientSampleId :
SS-10-20230306MS



Tgt Ion: 79 Resp: 414884
Ion Ratio Lower Upper
79 100
52 64.1 53.7 80.5
51 30.0 26.6 40.0

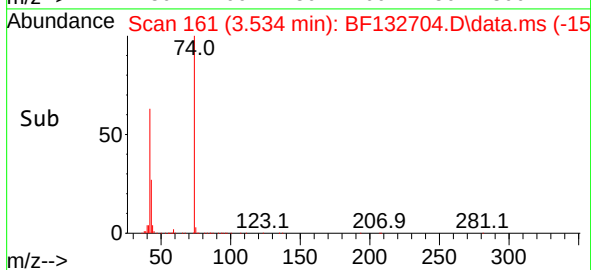
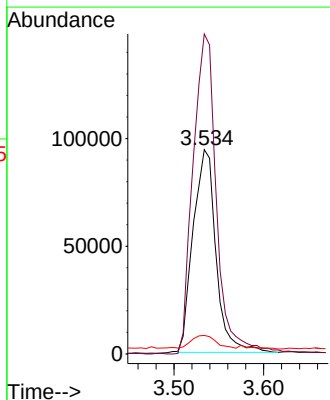
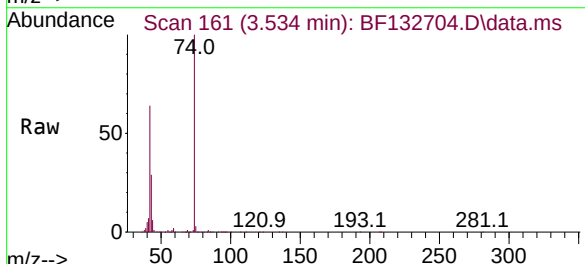
Manual Integrations
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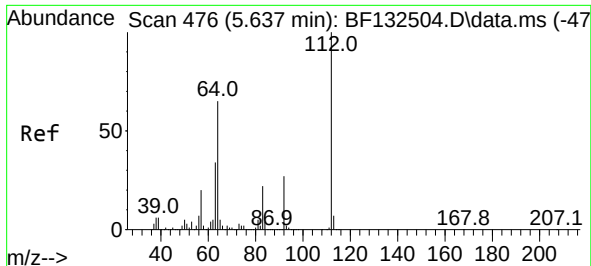
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#4
n-Nitrosodimethylamine
Concen: 39.255 ng
RT: 3.534 min Scan# 161
Delta R.T. -0.059 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

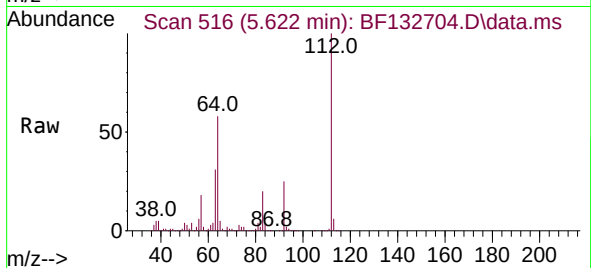
Tgt Ion: 42 Resp: 167200
Ion Ratio Lower Upper
42 100
74 156.7 118.2 177.2
44 9.1 5.3 7.9#





#5
2-Fluorophenol
Concen: 103.207 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

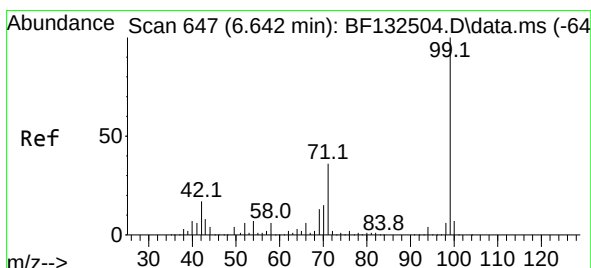
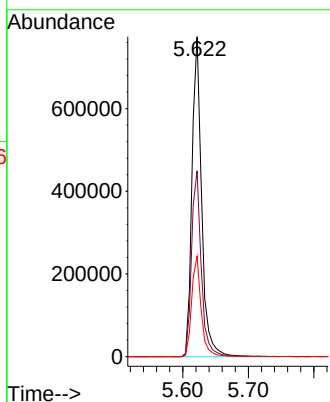
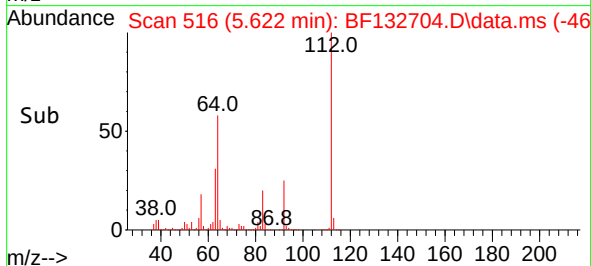
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Tgt Ion: 112 Resp: 792605
Ion Ratio Lower Upper
112 100
64 58.1 51.6 77.4
63 31.4 27.4 41.2

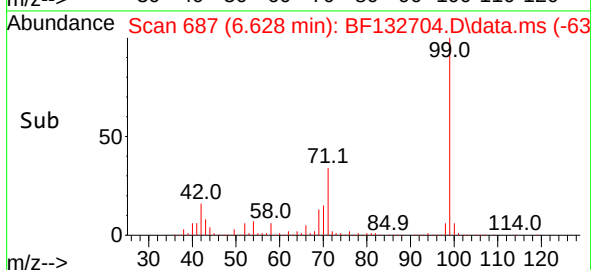
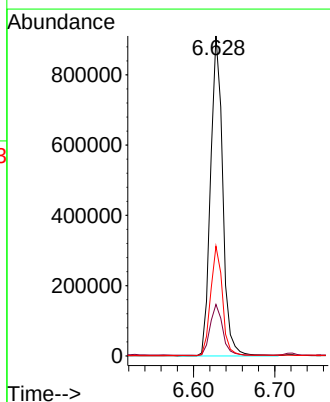
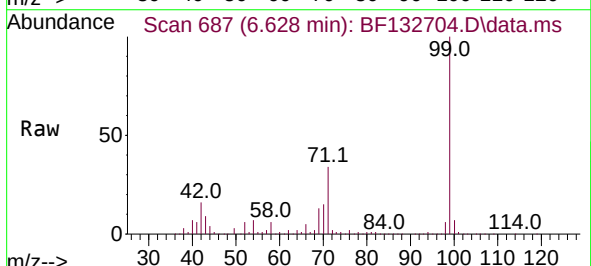
Manual Integrations
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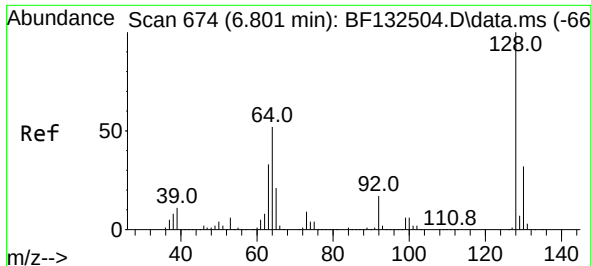
Reviewed By :Christian Giraldo 03/09/2023
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#7
Phenol-d6
Concen: 94.772 ng
RT: 6.628 min Scan# 687
Delta R.T. 0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

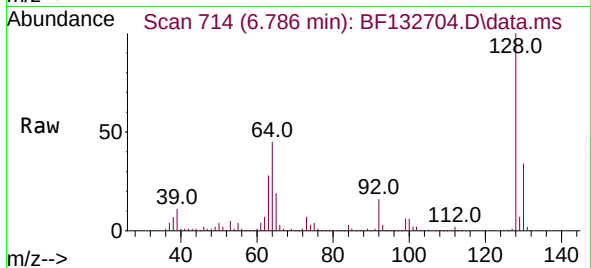
Tgt Ion: 99 Resp: 949879
Ion Ratio Lower Upper
99 100
42 16.1 13.9 20.9
71 34.3 28.5 42.7





#8
2-Chlorophenol
Concen: 44.697 ng
RT: 6.786 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

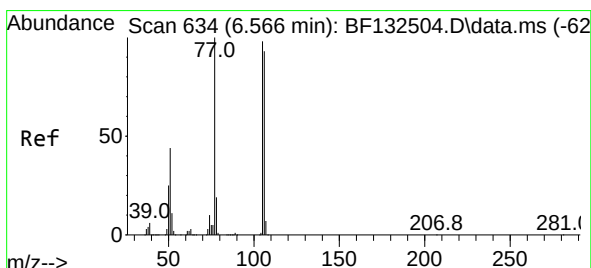
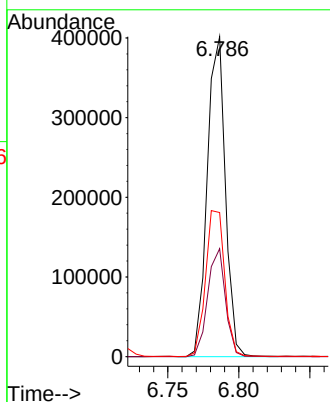
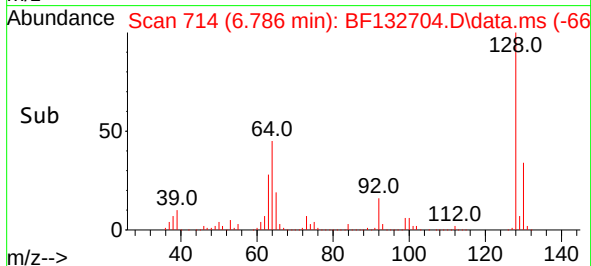
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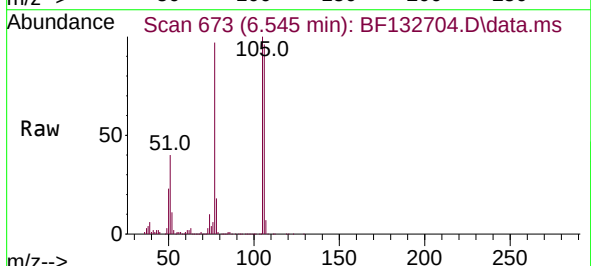
Tgt Ion:128 Resp: 356265
Ion Ratio Lower Upper
128 100
130 33.7 12.1 52.1
64 45.0 32.0 72.0

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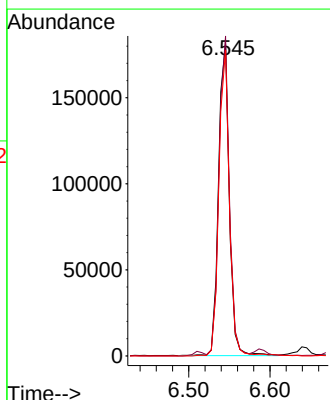
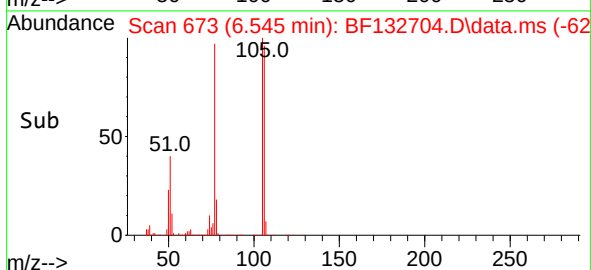
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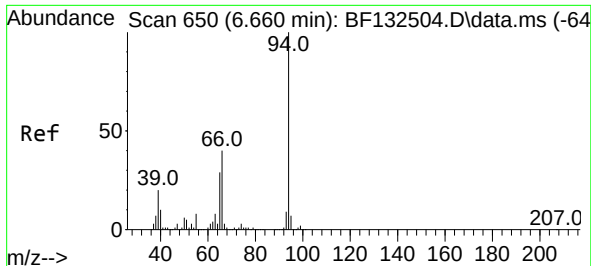


#9
Benzaldehyde
Concen: 30.805 ng
RT: 6.545 min Scan# 673
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39



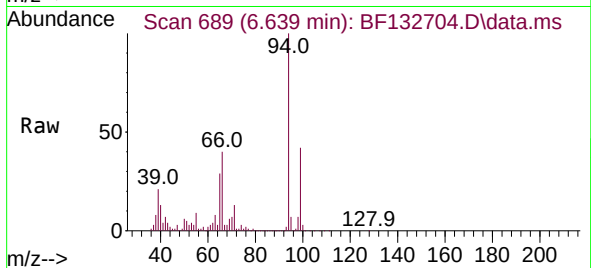
Tgt Ion: 77 Resp: 166601
Ion Ratio Lower Upper
77 100
105 102.6 77.9 117.9
106 98.1 73.4 113.4





#10
Phenol
Concen: 39.497 ng
RT: 6.639 min Scan# 689
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

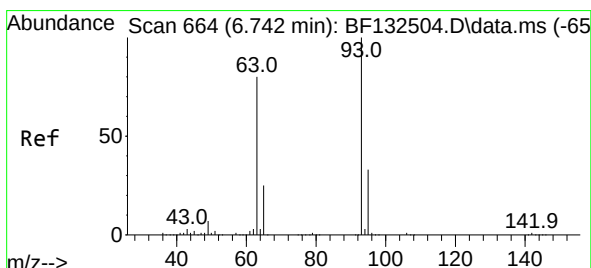
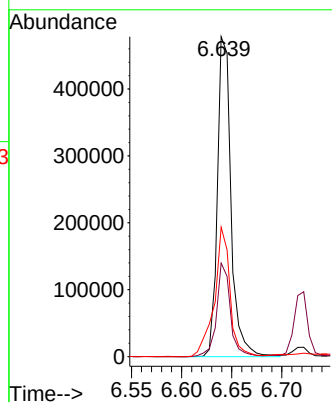
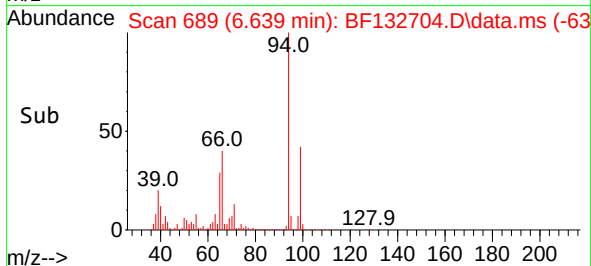
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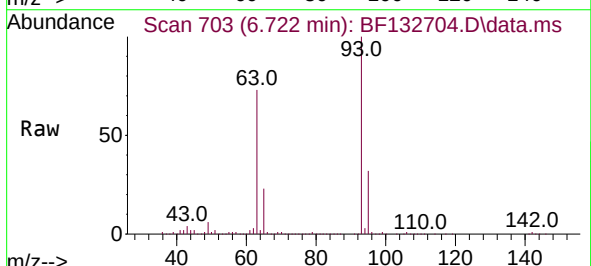
Tgt Ion: 94 Resp: 453853
Ion Ratio Lower Upper
94 100
65 29.2 9.4 49.4
66 40.4 19.8 59.8

Manual Integrations
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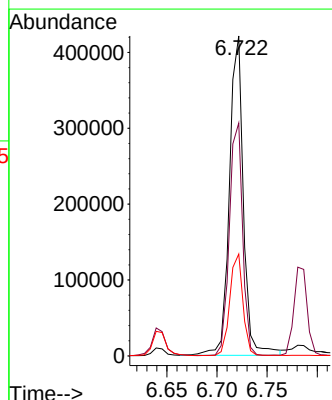
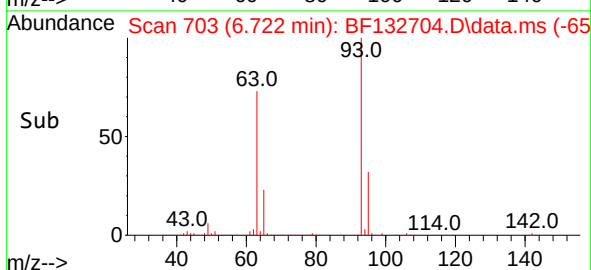
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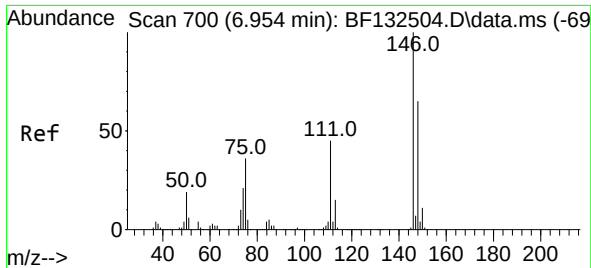


#11
bis(2-Chloroethyl)ether
Concen: 46.257 ng
RT: 6.722 min Scan# 703
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39



Tgt Ion: 93 Resp: 410332
Ion Ratio Lower Upper
93 100
63 72.8 59.6 99.6
95 31.8 12.8 52.8





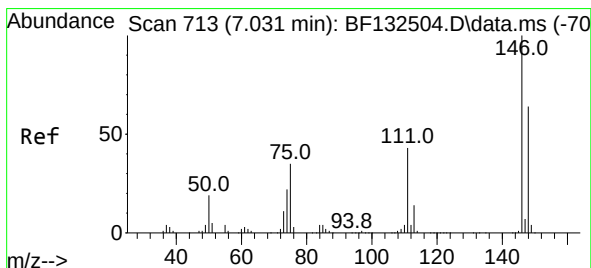
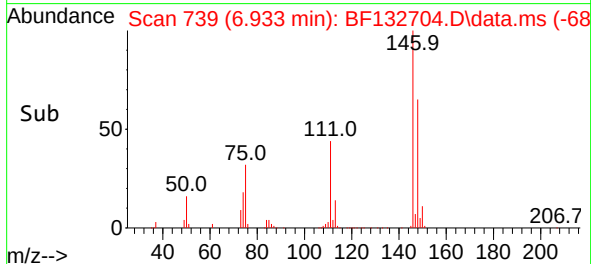
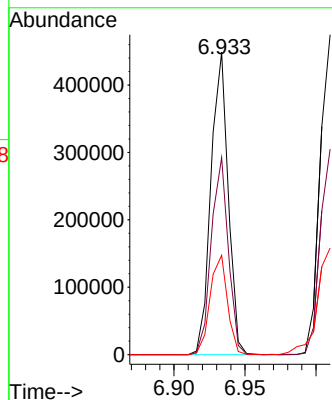
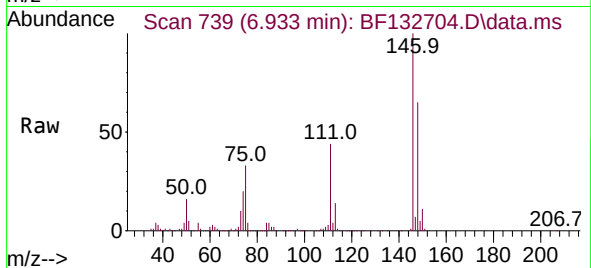
#12
1,3-Dichlorobenzene
Concen: 44.165 ng
RT: 6.933 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

Tgt Ion:146 Resp: 377763
Ion Ratio Lower Upper
146 100
148 65.2 51.9 77.9
75 32.8 28.9 43.3

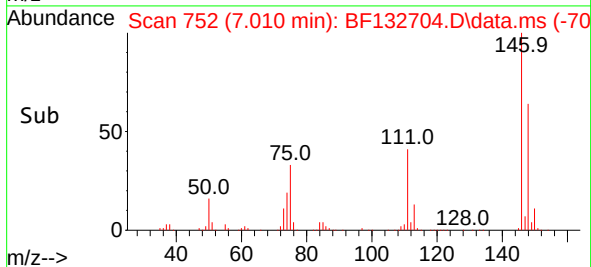
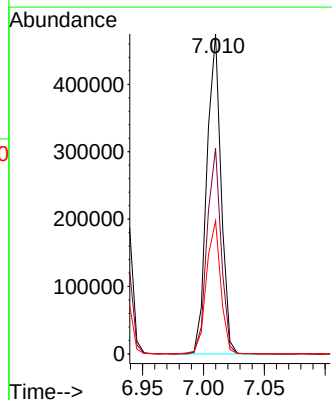
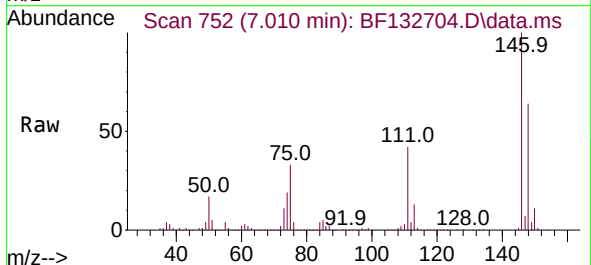
Manual Integrations
APPROVED

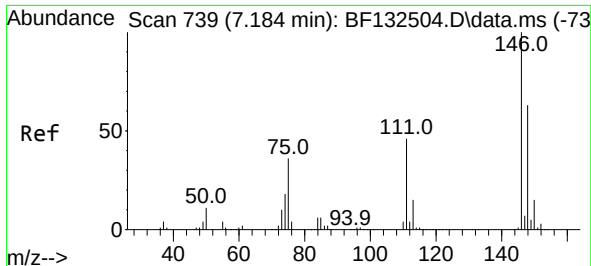
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#13
1,4-Dichlorobenzene
Concen: 45.083 ng
RT: 7.010 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:146 Resp: 385046
Ion Ratio Lower Upper
146 100
148 64.2 51.1 76.7
111 41.6 34.8 52.2





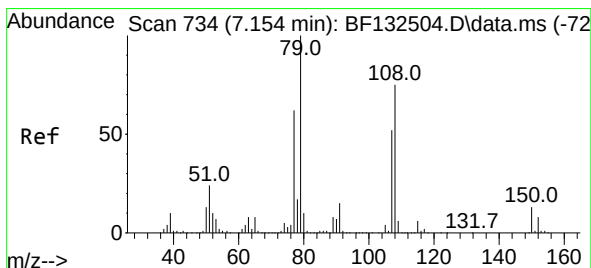
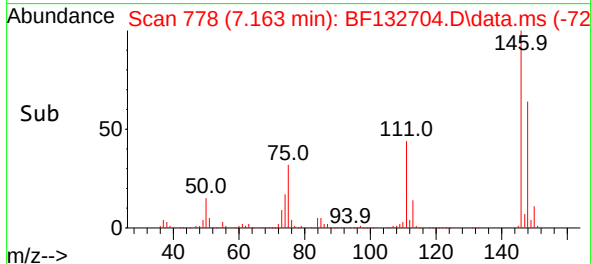
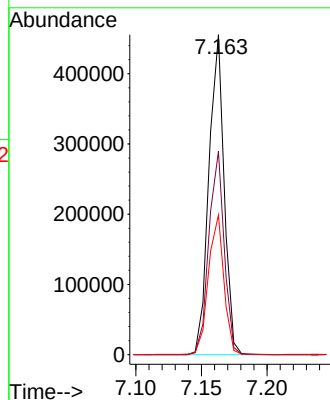
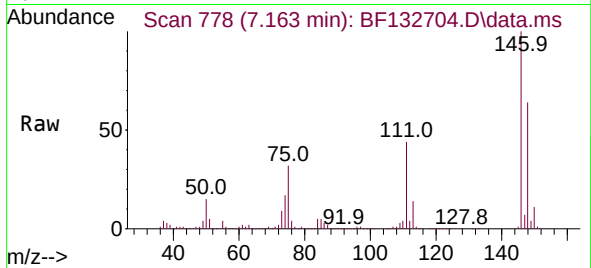
#14
1,2-Dichlorobenzene
Concen: 44.769 ng
RT: 7.163 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

Tgt Ion:146 Resp: 366958
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
111 43.6 37.2 55.8

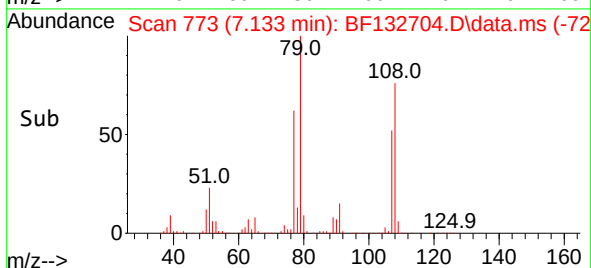
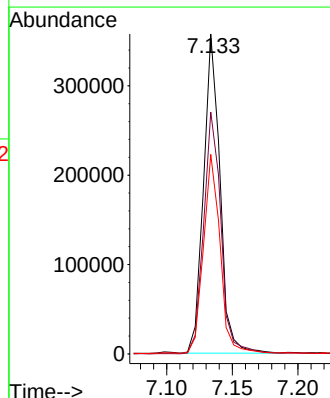
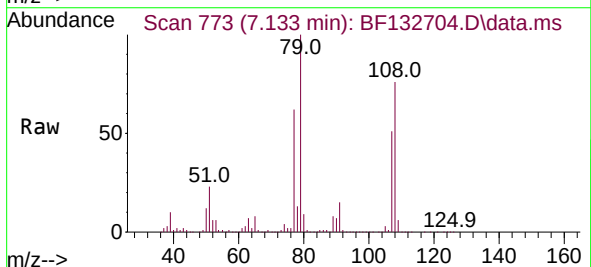
Manual Integrations
APPROVED

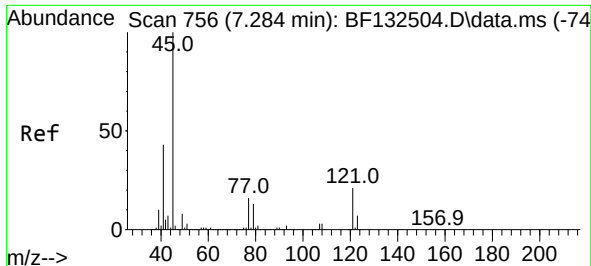
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#15
Benzyl Alcohol
Concen: 40.234 ng
RT: 7.133 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

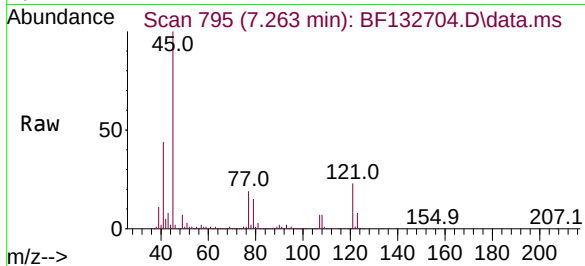
Tgt Ion: 79 Resp: 310562
Ion Ratio Lower Upper
79 100
108 75.6 60.2 90.4
77 62.3 49.9 74.9





#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.783 ng
RT: 7.263 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

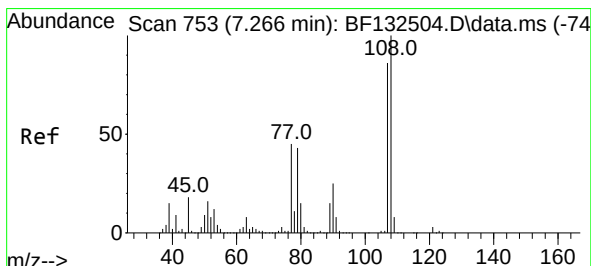
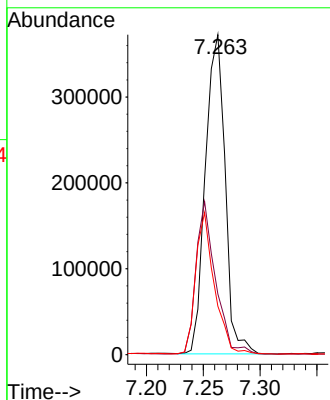
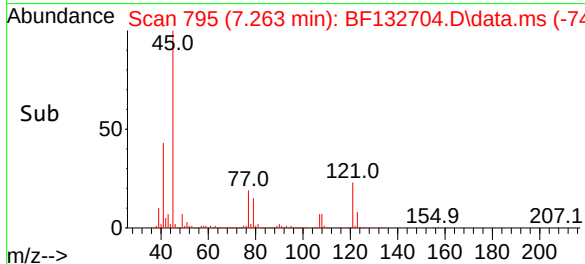
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



Tgt Ion: 45 Resp: 450028
Ion Ratio Lower Upper
45 100
77 18.9 0.0 36.4
79 15.1 0.0 33.4

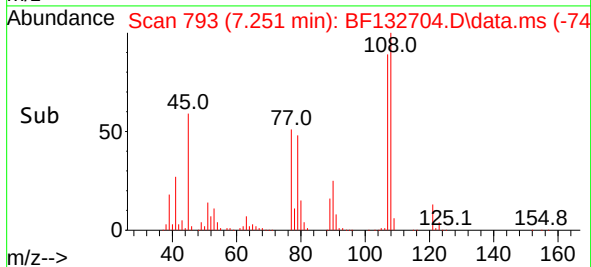
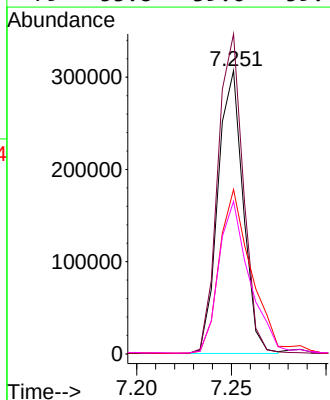
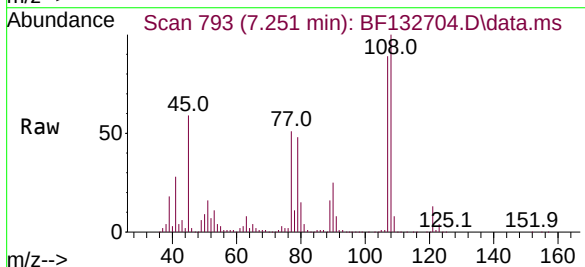
Manual Integrations
APPROVED

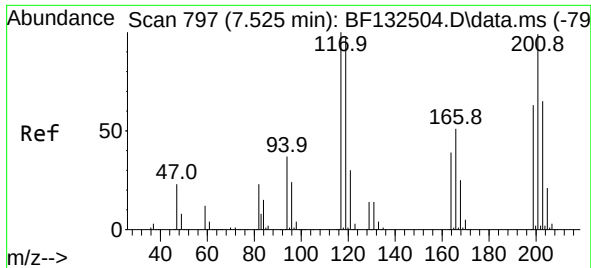
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#17
2-Methylphenol
Concen: 38.212 ng
RT: 7.251 min Scan# 793
Delta R.T. 0.012 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

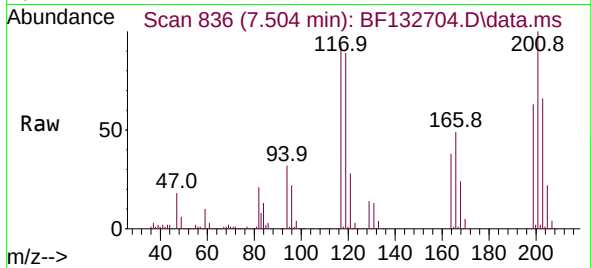
Tgt Ion:107 Resp: 284254
Ion Ratio Lower Upper
107 100
108 113.0 93.0 139.4
77 58.1 42.1 63.1
79 53.8 39.6 59.4





#18
Hexachloroethane
Concen: 33.207 ng
RT: 7.504 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

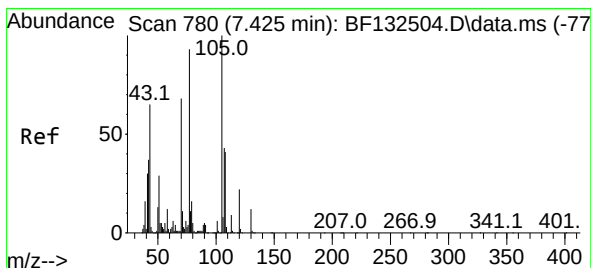
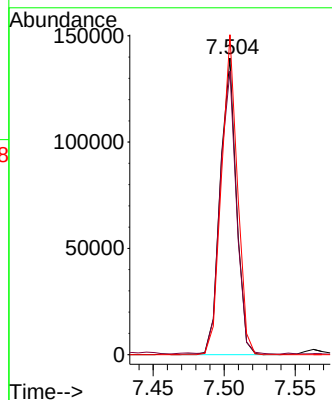
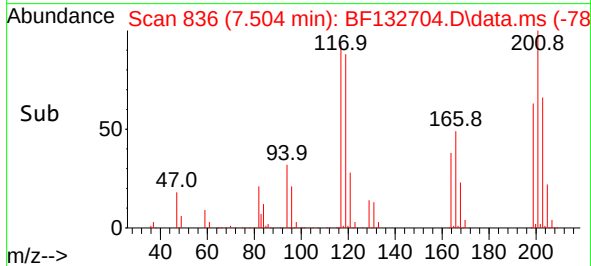
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



Tgt Ion:117 Resp: 110803
Ion Ratio Lower Upper
117 100
119 95.6 78.0 117.0
201 107.9 79.0 118.4

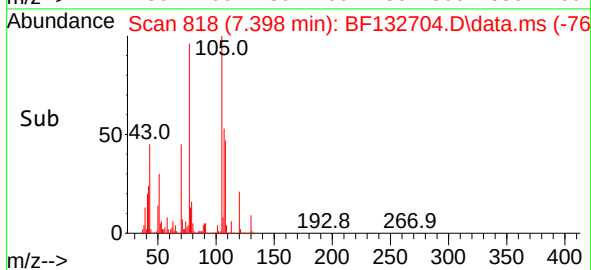
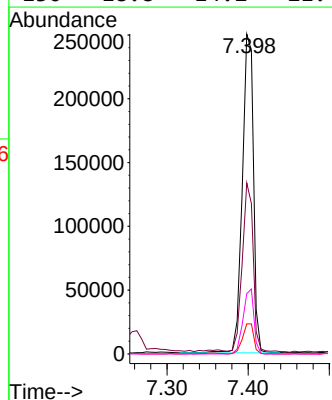
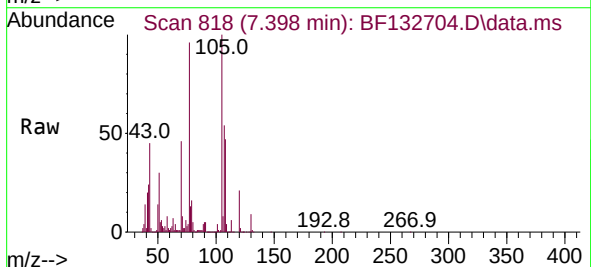
Manual Integrations
APPROVED

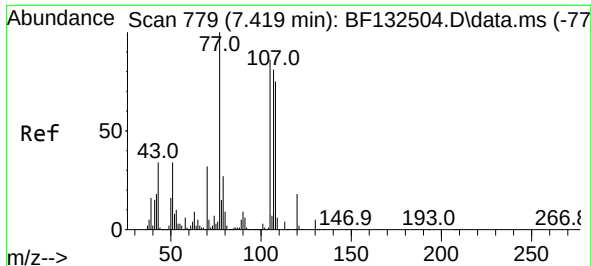
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#19
n-Nitroso-di-n-propylamine
Concen: 38.803 ng
RT: 7.398 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion: 70 Resp: 239350
Ion Ratio Lower Upper
70 100
42 53.4 44.1 66.1
101 9.4 7.4 11.2
130 18.8 14.2 21.4





#20

3+4-Methylphenols

Concen: 35.134 ng

RT: 7.398 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF132704.D

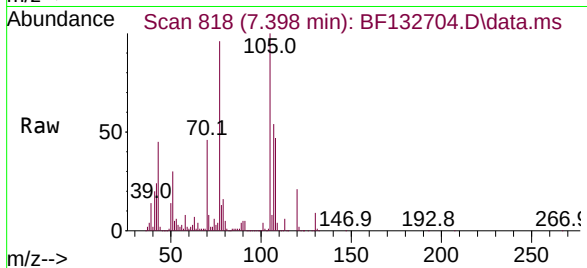
Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS



Tgt Ion:107 Resp: 337649

Ion Ratio Lower Upper

107 100

108 88.4 72.6 112.6

77 179.9 104.0 144.0

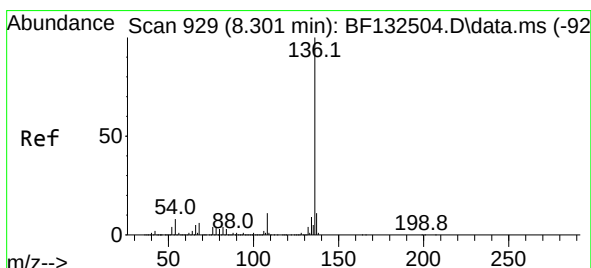
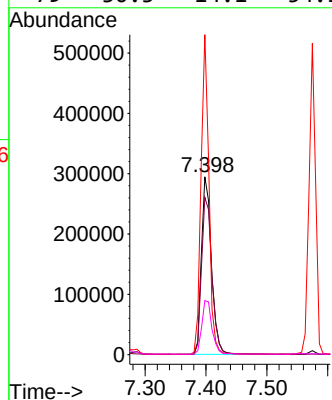
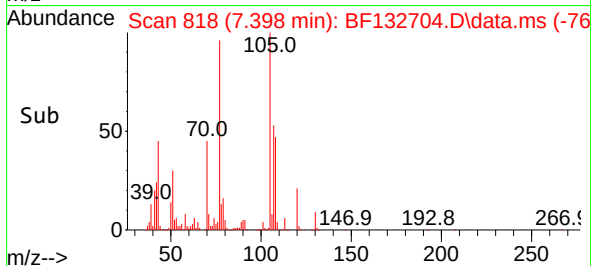
79 30.3 14.1 54.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/09/2023

Supervised By :Jagrut Upadhyay 03/09/2023



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.275 min Scan# 967

Delta R.T. -0.006 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Tgt Ion:136 Resp: 411483

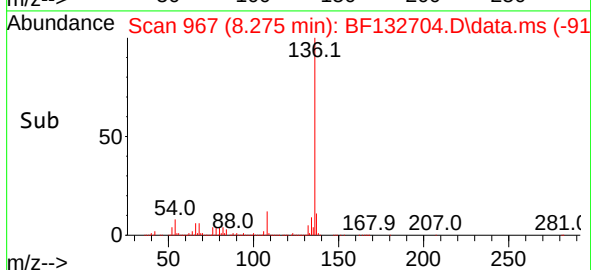
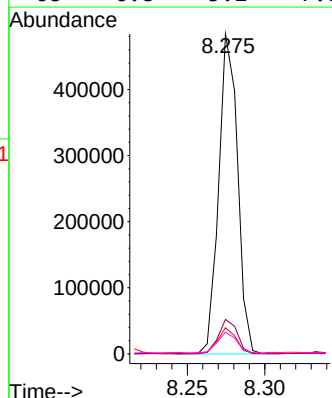
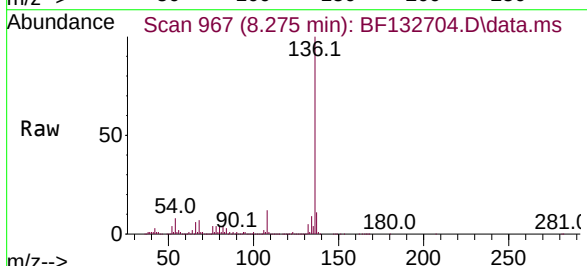
Ion Ratio Lower Upper

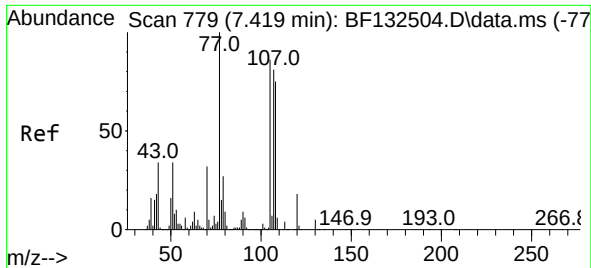
136 100

137 10.8 8.9 13.3

54 8.2 6.2 9.4

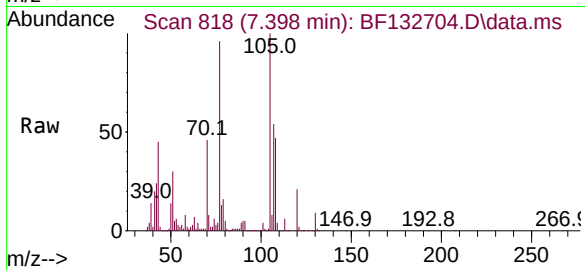
68 6.8 5.2 7.8





#22
Acetophenone
Concen: 45.325 ng
RT: 7.398 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

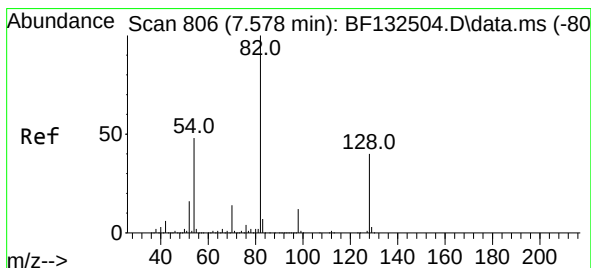
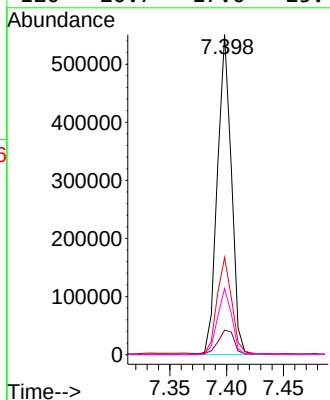
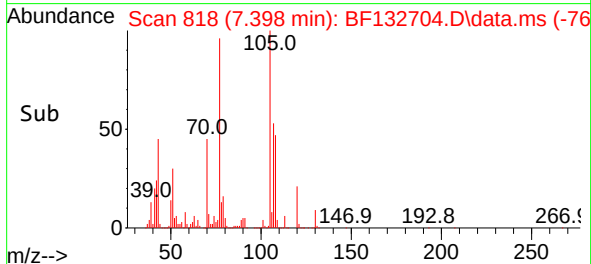
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



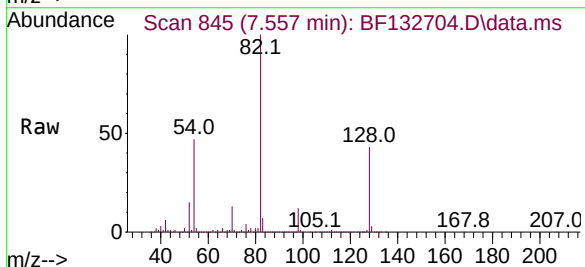
Tgt Ion:105 Resp: 470283
Ion Ratio Lower Upper
105 100
71 7.7 5.0 7.4
51 30.4 31.5 47.3
120 20.7 17.0 25.4

Manual Integrations
APPROVED

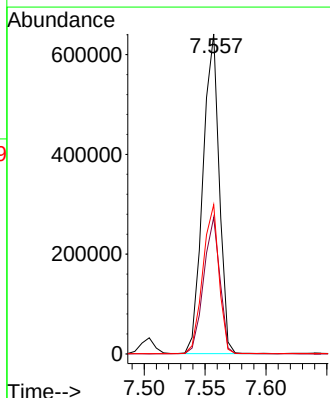
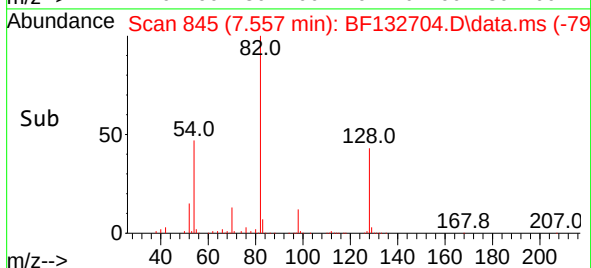
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

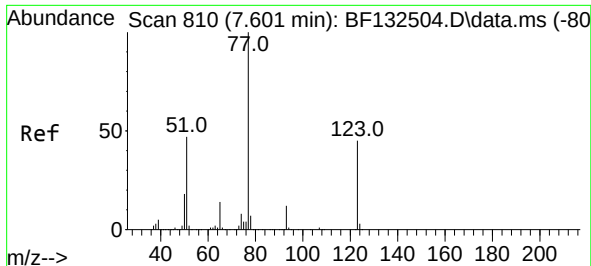


#23
Nitrobenzene-d5
Concen: 68.942 ng
RT: 7.557 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39



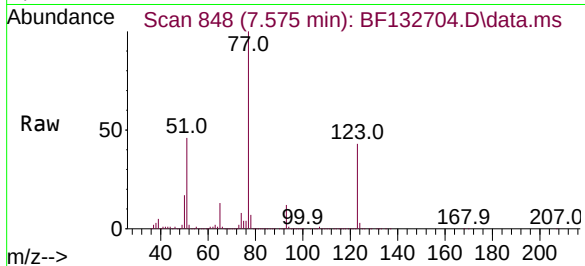
Tgt Ion: 82 Resp: 597934
Ion Ratio Lower Upper
82 100
128 42.7 32.2 48.2
54 46.6 38.4 57.6





#24
Nitrobenzene
Concen: 41.557 ng
RT: 7.575 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

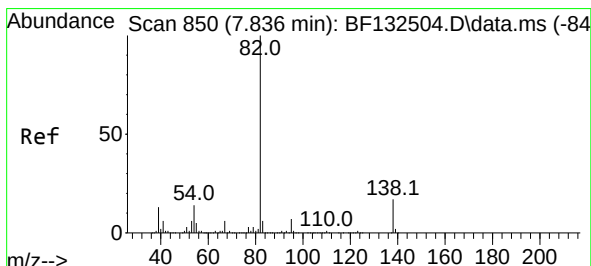
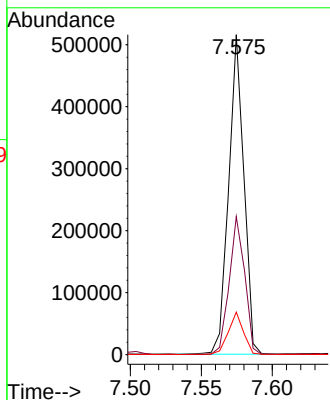
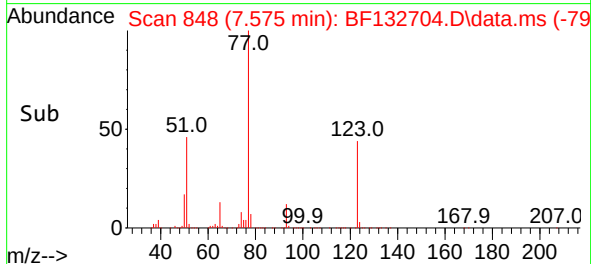
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



Tgt Ion: 77 Resp: 385462
Ion Ratio Lower Upper
77 100
123 43.1 35.8 53.6
65 13.3 10.9 16.3

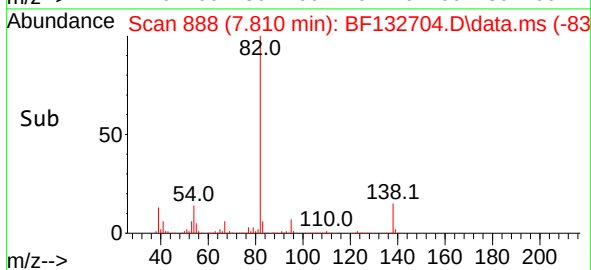
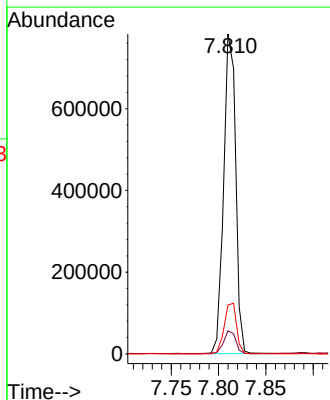
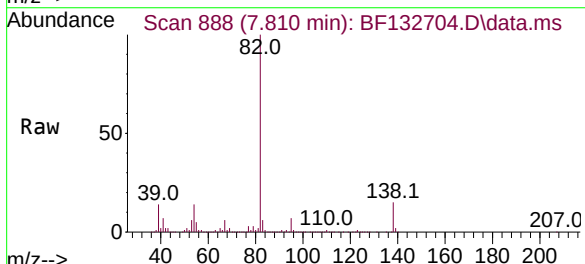
Manual Integrations
APPROVED

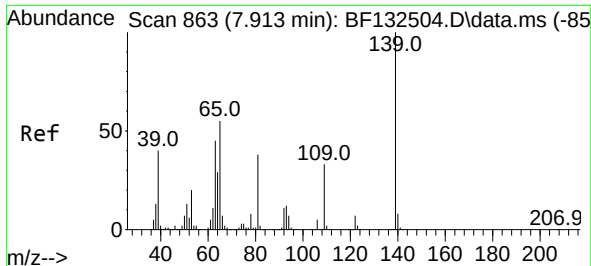
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#25
Isophorone
Concen: 41.364 ng
RT: 7.810 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion: 82 Resp: 687810
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 15.3 13.3 19.9





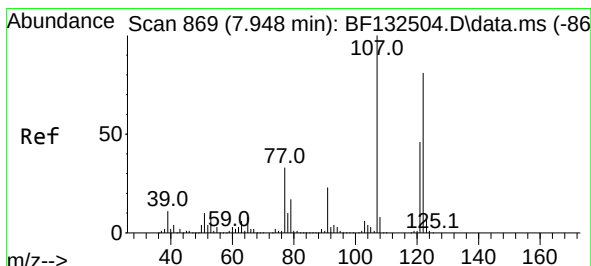
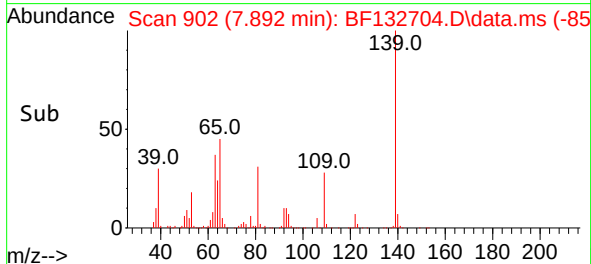
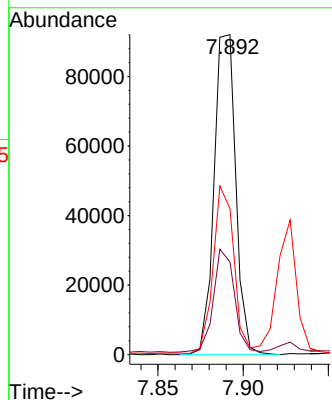
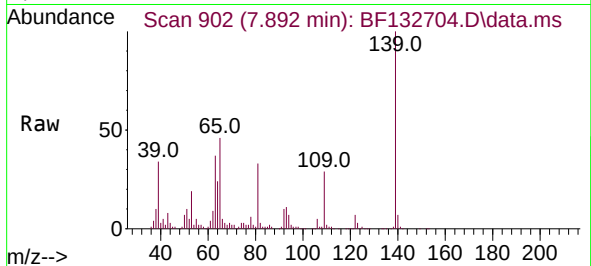
#26
2-Nitrophenol
Concen: 19.917 ng
RT: 7.892 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

Tgt Ion:139 Resp: 81512
Ion Ratio Lower Upper
139 100
109 29.0 26.2 39.2
65 45.6 43.8 65.8

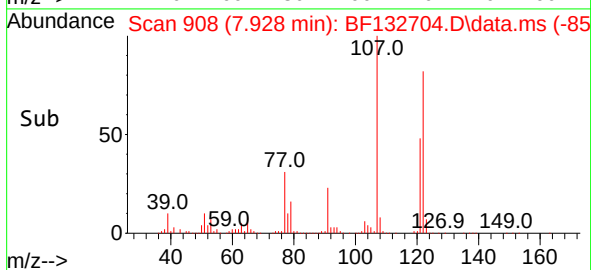
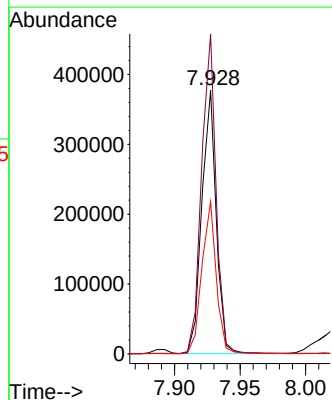
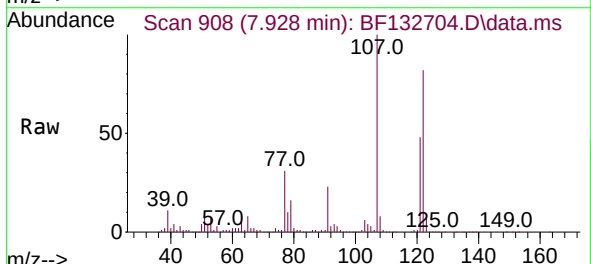
Manual Integrations
APPROVED

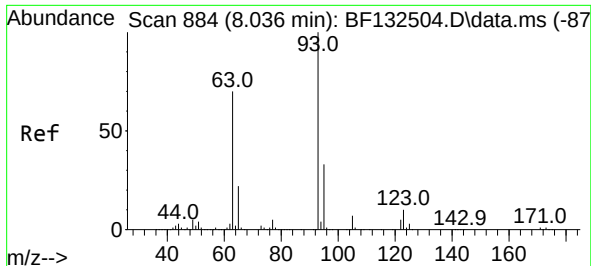
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#27
2,4-Dimethylphenol
Concen: 44.624 ng
RT: 7.928 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

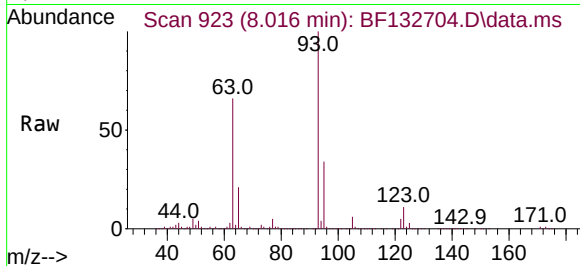
Tgt Ion:122 Resp: 288235
Ion Ratio Lower Upper
122 100
107 121.4 98.7 148.1
121 57.8 45.8 68.6





#28
bis(2-Chloroethoxy)methane
Concen: 43.105 ng
RT: 8.016 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

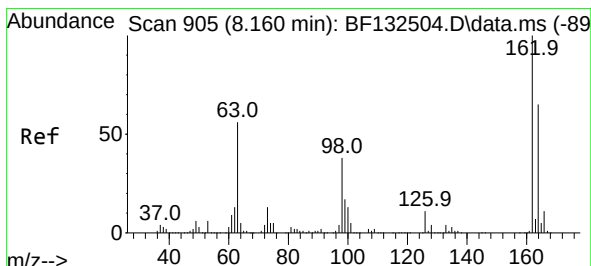
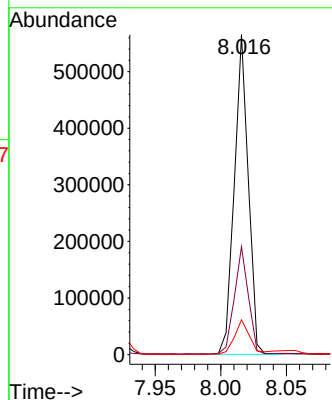
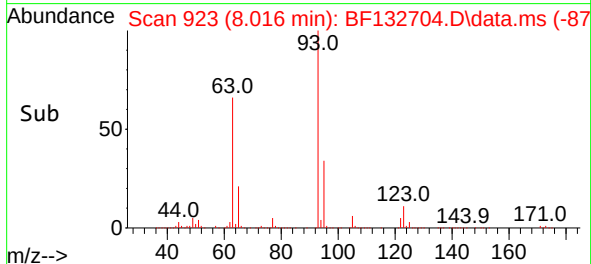
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



Tgt Ion: 93 Resp: 419289
Ion Ratio Lower Upper
93 100
95 33.7 26.3 39.5
123 10.9 8.3 12.5

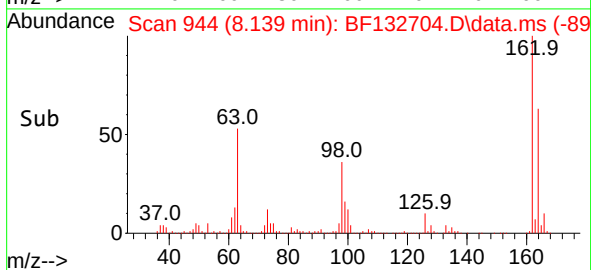
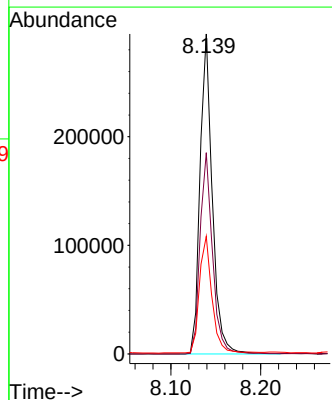
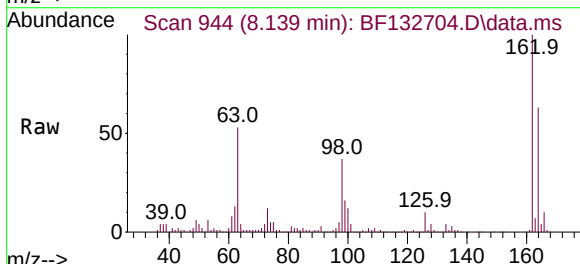
Manual Integrations
APPROVED

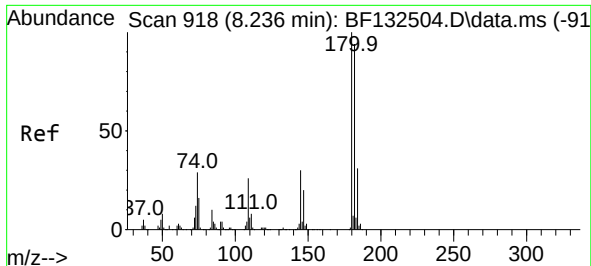
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#29
2,4-Dichlorophenol
Concen: 43.367 ng
RT: 8.139 min Scan# 944
Delta R.T. 0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:162 Resp: 278644
Ion Ratio Lower Upper
162 100
164 62.9 45.3 85.3
98 36.8 17.9 57.9





#30

1,2,4-Trichlorobenzene

Concen: 44.097 ng

RT: 8.216 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

Tgt Ion:180 Resp: 30766

Ion Ratio Lower Upper

180 100

182 95.3 75.1 112.7

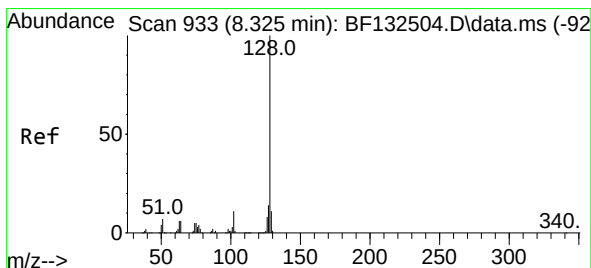
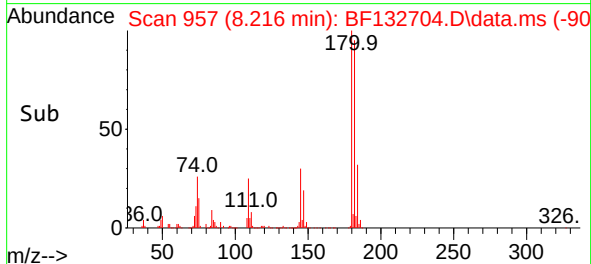
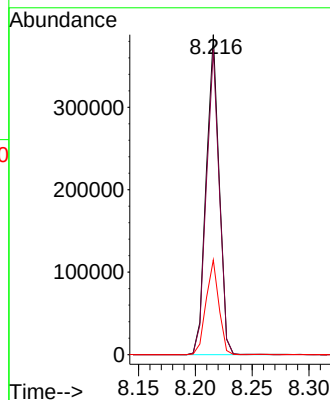
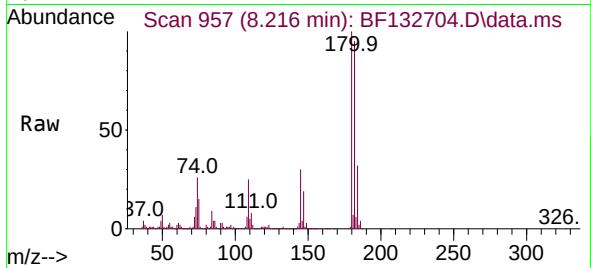
145 29.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/09/2023

Supervised By :Jagrut Upadhyay 03/09/2023



#31

Naphthalene

Concen: 42.017 ng

RT: 8.298 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

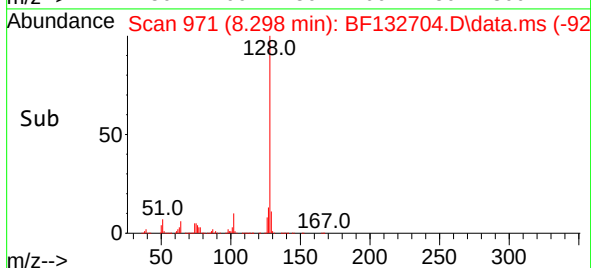
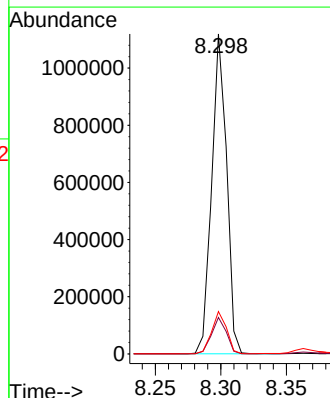
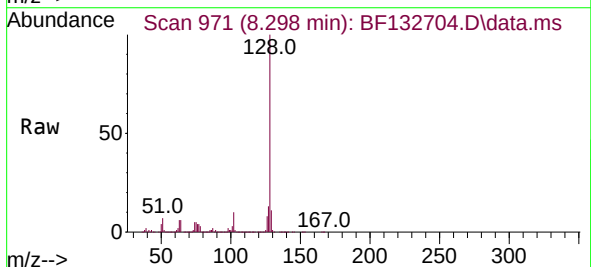
Tgt Ion:128 Resp: 885109

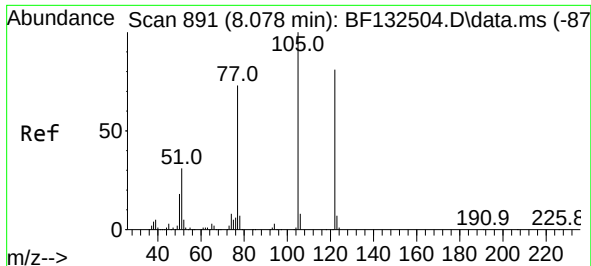
Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

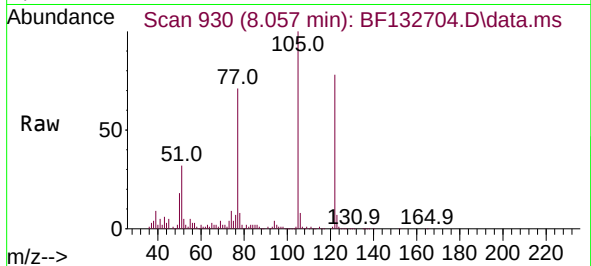
127 13.2 11.0 16.6





#32
Benzoic acid
Concen: 41.004 ng
RT: 8.057 min Scan# 931
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

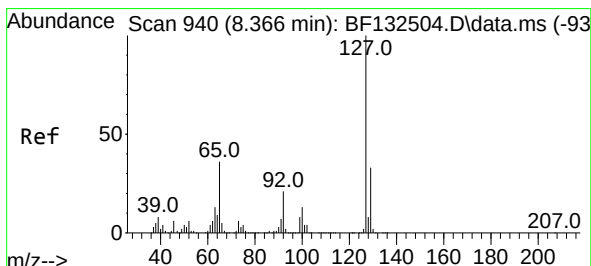
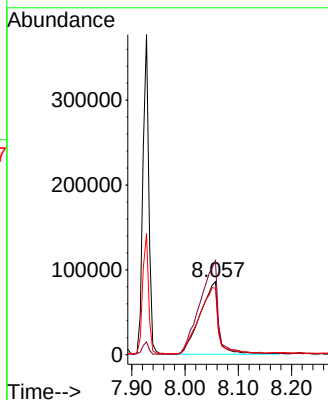
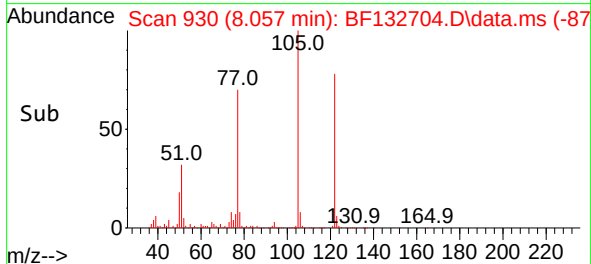
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



Tgt Ion:122 Resp: 205618
Ion Ratio Lower Upper
122 100
105 128.6 102.6 142.6
77 90.8 70.2 110.2

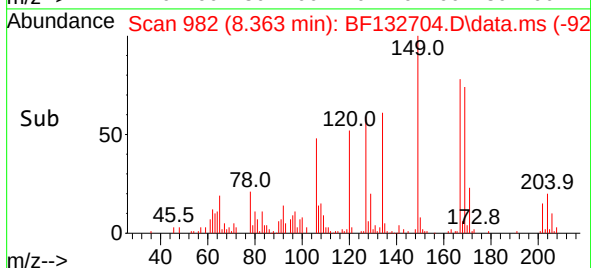
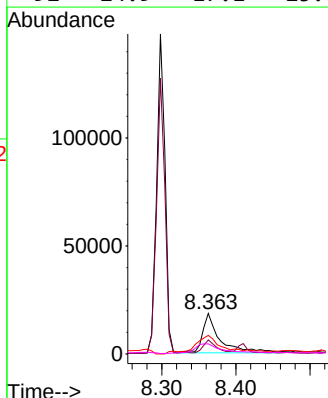
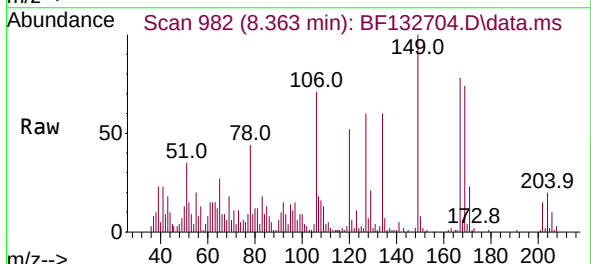
Manual Integrations
APPROVED

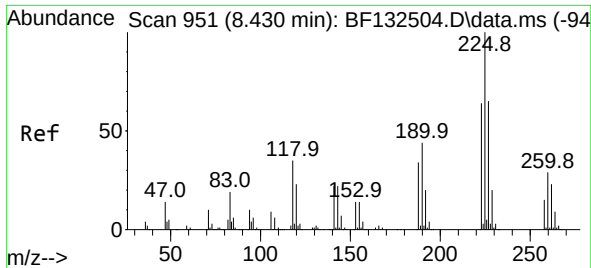
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#33
4-Chloroaniline
Concen: 3.300 ng
RT: 8.363 min Scan# 982
Delta R.T. 0.017 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:127 Resp: 29787
Ion Ratio Lower Upper
127 100
129 34.5 26.4 39.6
65 45.8 28.8 43.2#
92 24.9 17.1 25.7





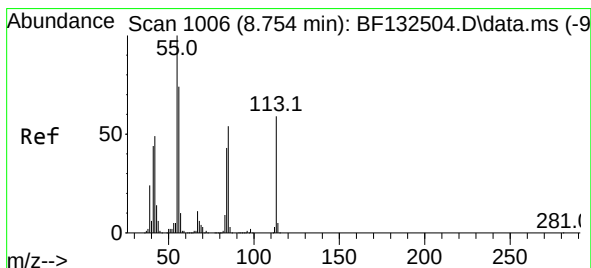
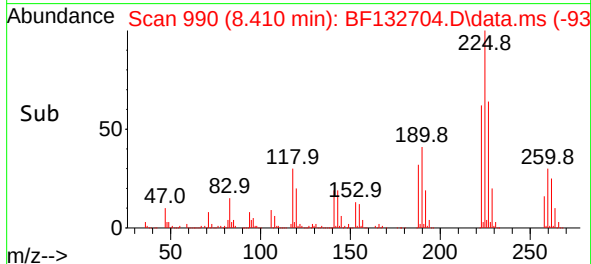
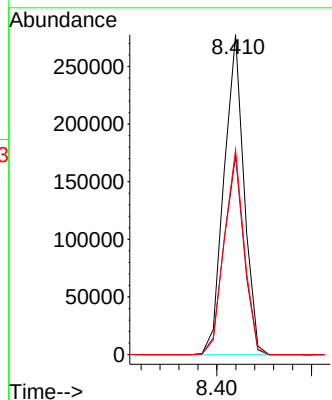
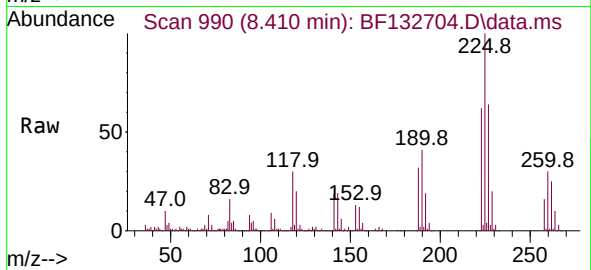
#34
Hexachlorobutadiene
Concen: 45.657 ng
RT: 8.410 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

Tgt Ion:225 Resp: 202424
Ion Ratio Lower Upper
225 100
223 62.0 51.0 76.4
227 64.1 51.7 77.5

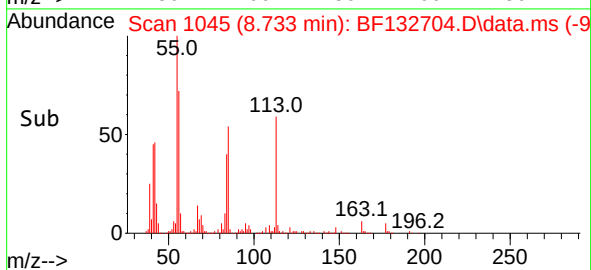
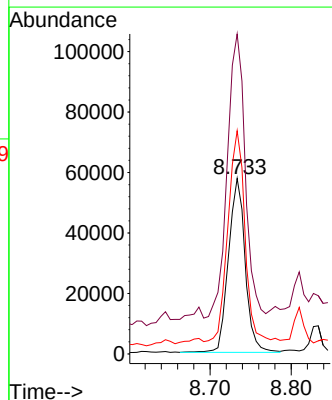
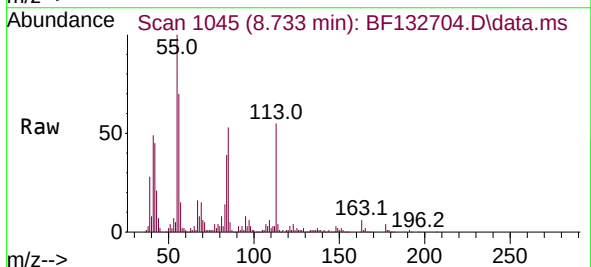
Manual Integrations
APPROVED

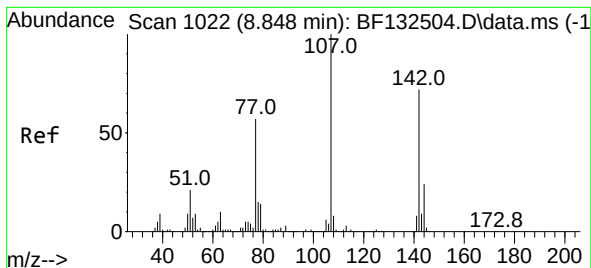
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#35
Caprolactam
Concen: 38.879 ng
RT: 8.733 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

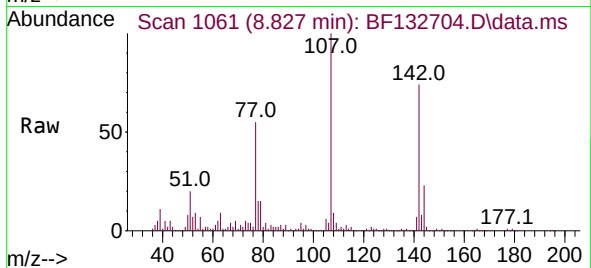
Tgt Ion:113 Resp: 82356
Ion Ratio Lower Upper
113 100
55 182.4 149.4 189.4
56 127.2 105.0 145.0





#36
4-Chloro-3-methylphenol
Concen: 37.885 ng
RT: 8.827 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

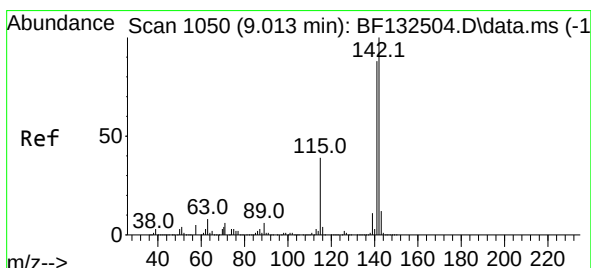
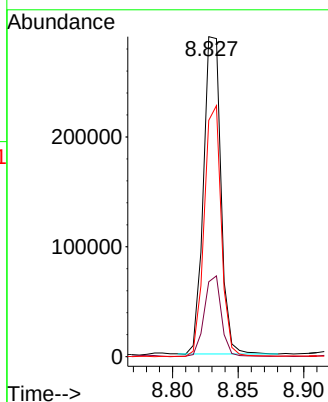
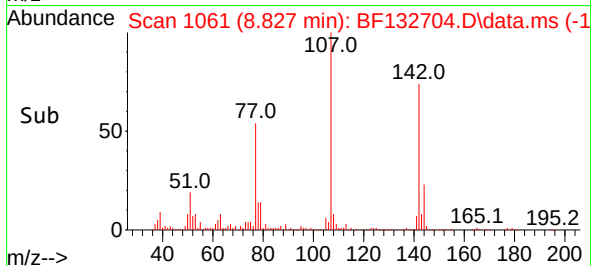
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



Tgt Ion:107 Resp: 267332
Ion Ratio Lower Upper
107 100
144 23.4 18.9 28.3
142 73.8 57.9 86.9

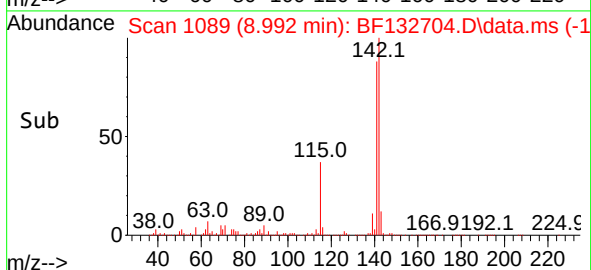
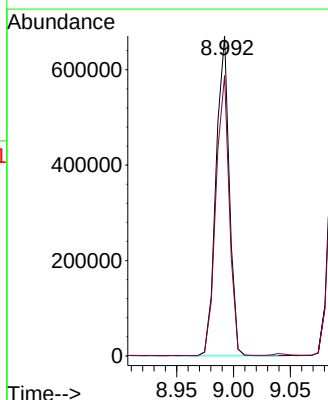
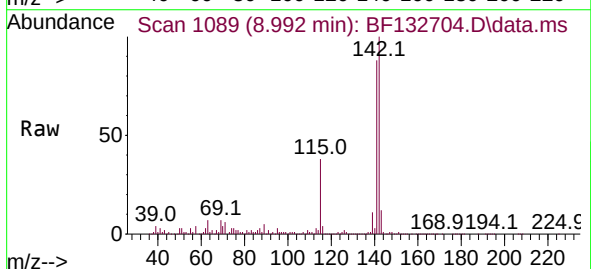
Manual Integrations
APPROVED

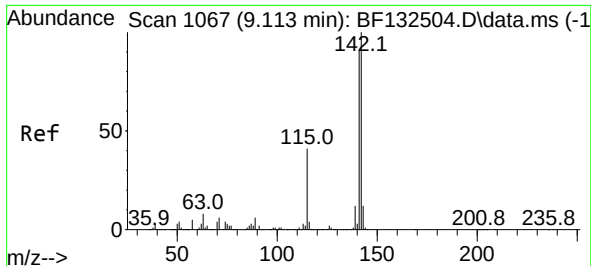
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#37
2-Methylnaphthalene
Concen: 37.932 ng
RT: 8.992 min Scan# 1089
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

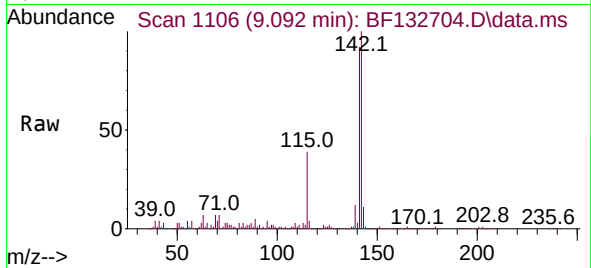
Tgt Ion:142 Resp: 544542
Ion Ratio Lower Upper
142 100
141 87.6 70.2 105.2





#38
1-Methylnaphthalene
Concen: 38.442 ng
RT: 9.092 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

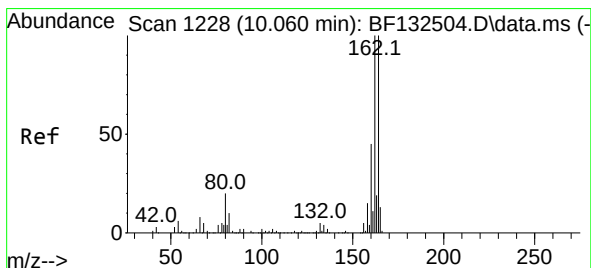
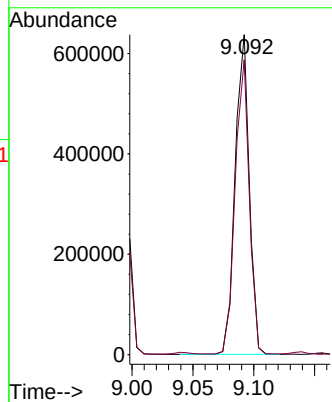
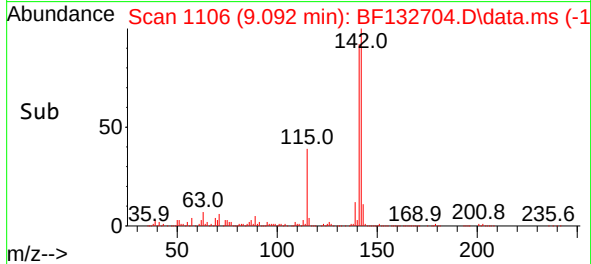
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



Tgt Ion:142 Resp: 515735
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.6

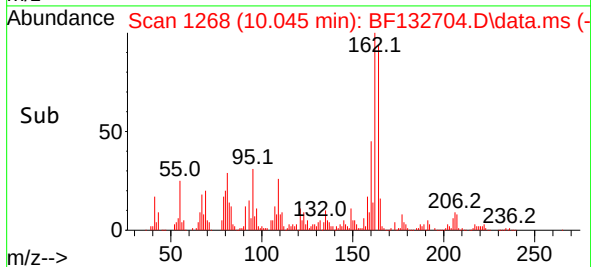
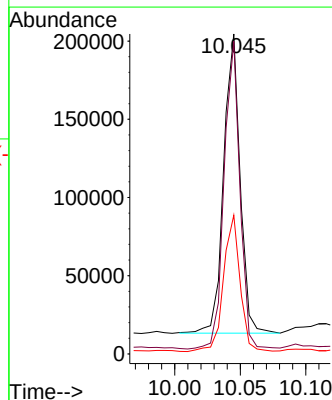
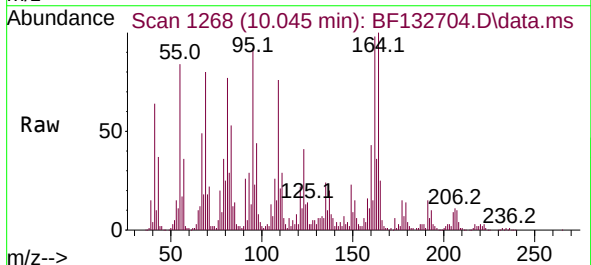
Manual Integrations
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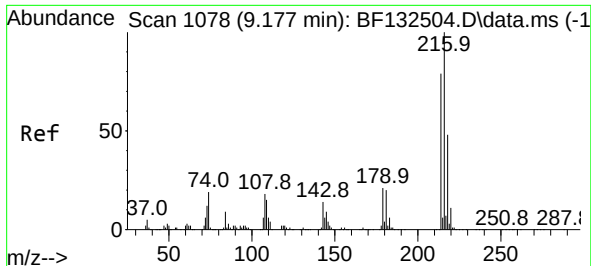
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

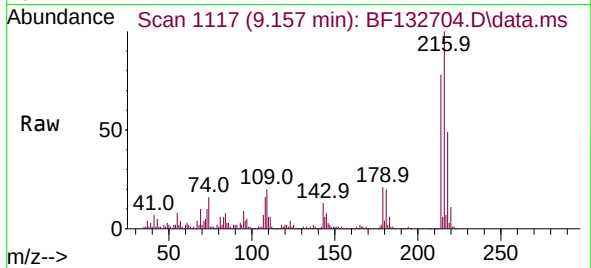
Tgt Ion:164 Resp: 166755
Ion Ratio Lower Upper
164 100
162 97.7 79.8 119.8
160 43.3 35.8 53.6





#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.459 ng
RT: 9.157 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

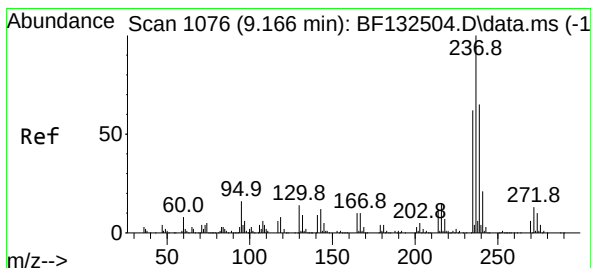
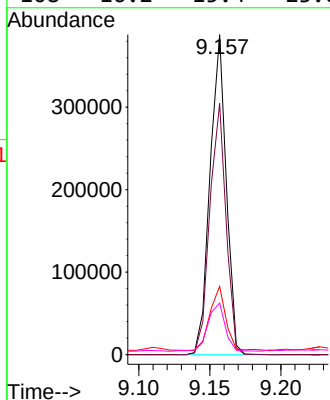
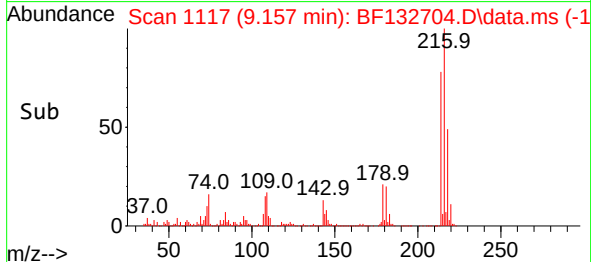
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



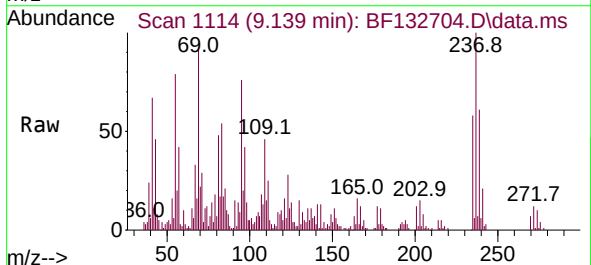
Tgt Ion:216 Resp: 308033
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.6
179 20.1 16.6 24.8
108 16.2 15.4 23.0

Manual Integrations
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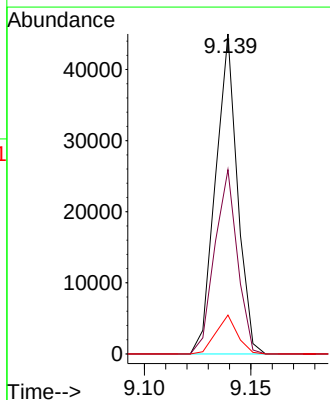
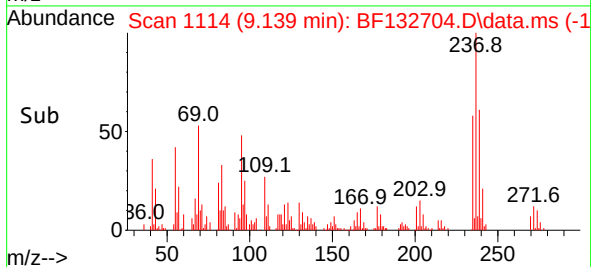
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

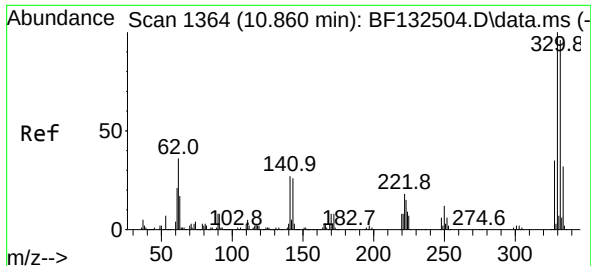


#41
Hexachlorocyclopentadiene
Concen: 10.886 ng
RT: 9.139 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39



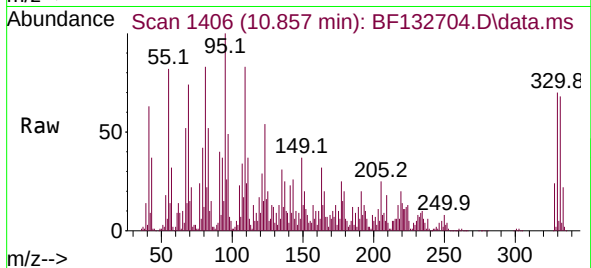
Tgt Ion:237 Resp: 32215
Ion Ratio Lower Upper
237 100
235 57.6 42.4 82.4
272 12.1 0.0 32.7





#42
2,4,6-Tribromophenol
Concen: 120.544 ng
RT: 10.857 min Scan# 1406
Delta R.T. 0.023 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

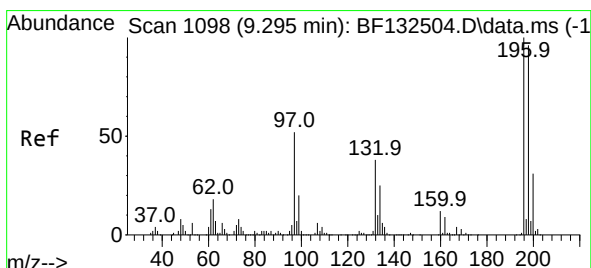
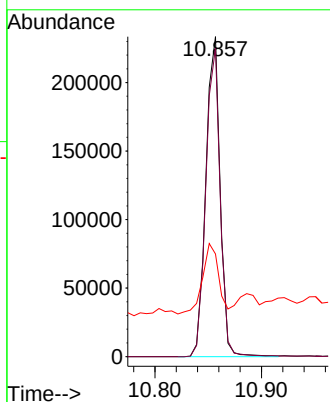
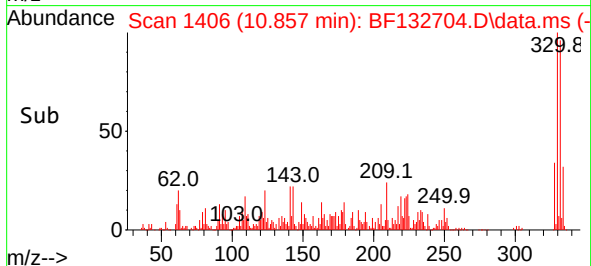
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



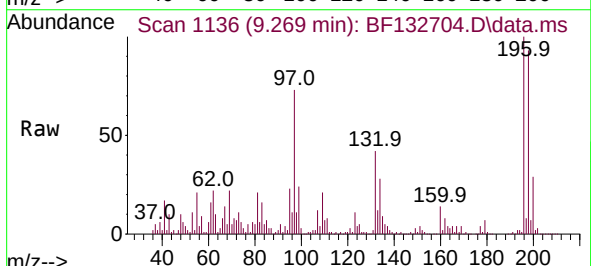
Tgt Ion:330 Resp: 217086
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 24.5 28.4 42.6

Manual Integrations
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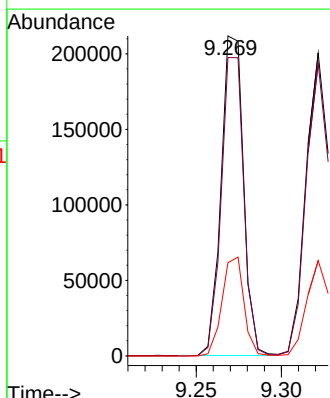
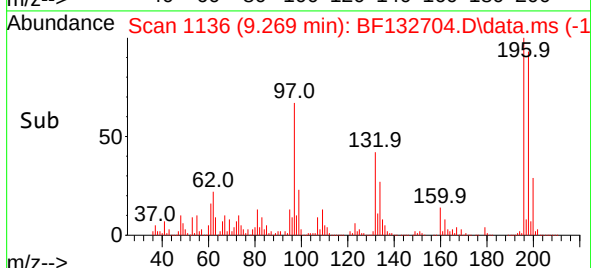
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

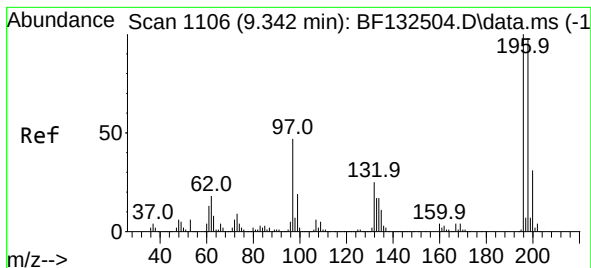


#43
2,4,6-Trichlorophenol
Concen: 52.360 ng
RT: 9.269 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39



Tgt Ion:196 Resp: 193596
Ion Ratio Lower Upper
196 100
198 93.2 77.1 115.7
200 29.1 25.0 37.4





#44

2,4,5-Trichlorophenol

Concen: 45.986 ng

RT: 9.322 min Scan# 1106

Delta R.T. 0.012 min

Lab File: BF132704.D

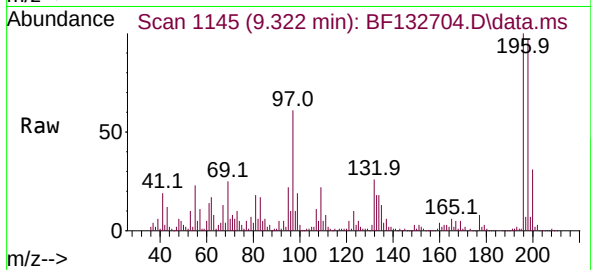
Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS



Tgt Ion:196 Resp: 198445

Ion Ratio Lower Upper

196 100

198 96.6 78.3 117.5

97 60.7 38.1 57.1

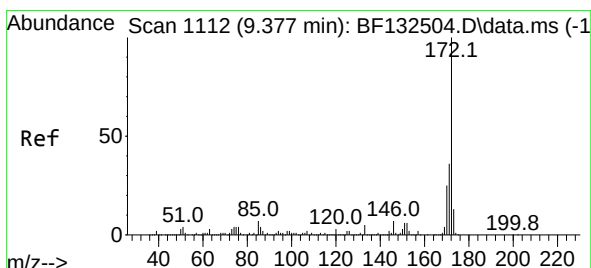
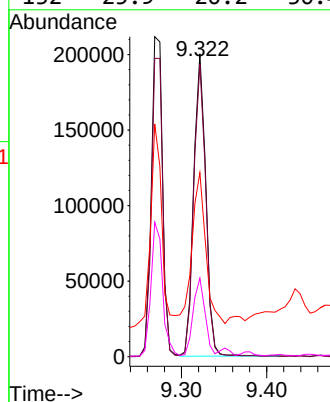
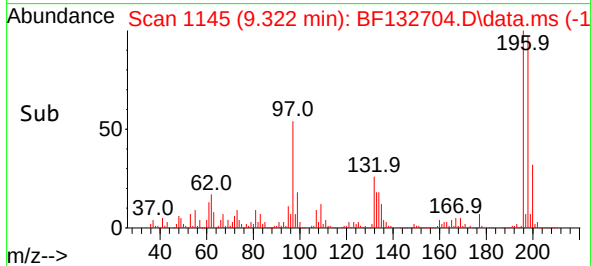
132 25.9 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/09/2023

Supervised By :Jagrut Upadhyay 03/09/2023



#45

2-Fluorobiphenyl

Concen: 80.641 ng

RT: 9.351 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

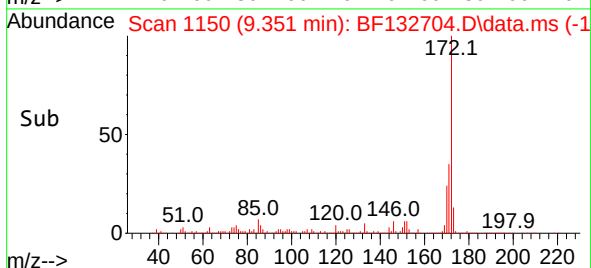
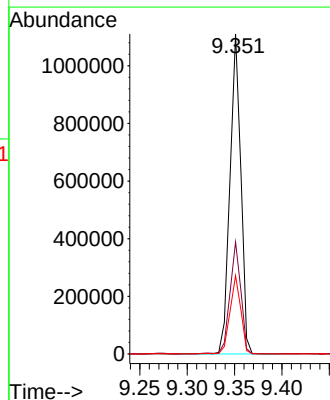
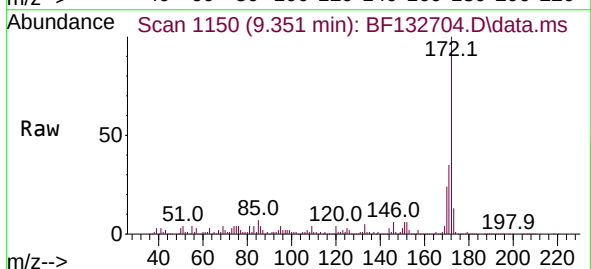
Tgt Ion:172 Resp: 883147

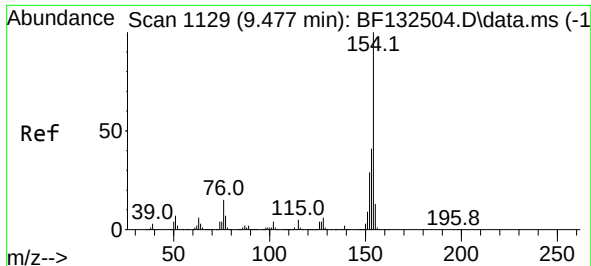
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 24.5 19.7 29.5





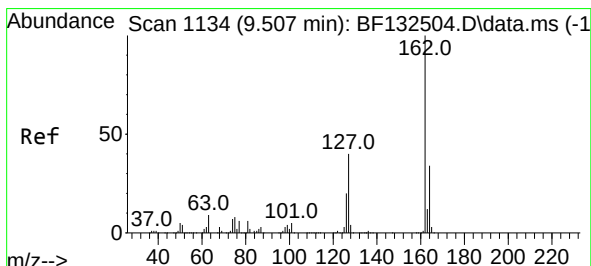
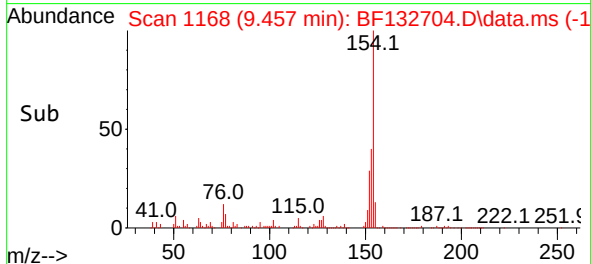
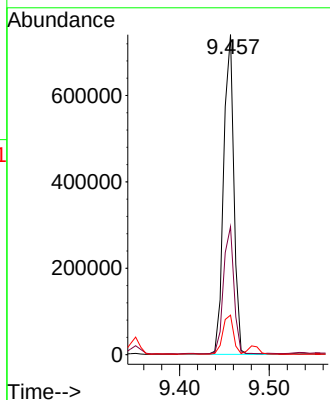
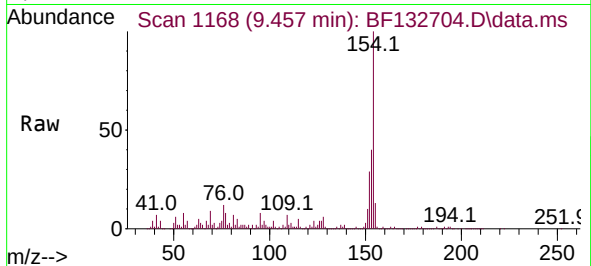
#46
1,1'-Biphenyl
Concen: 46.830 ng
RT: 9.457 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

Tgt Ion:154 Resp: 591062
Ion Ratio Lower Upper
154 100
153 40.0 20.9 60.9
76 12.3 0.0 34.7

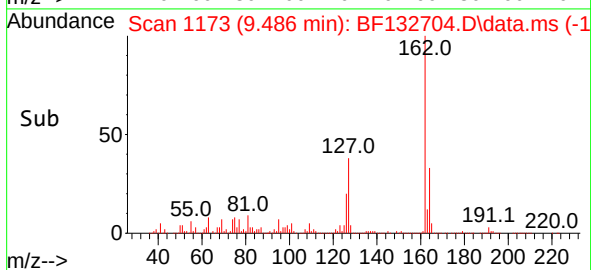
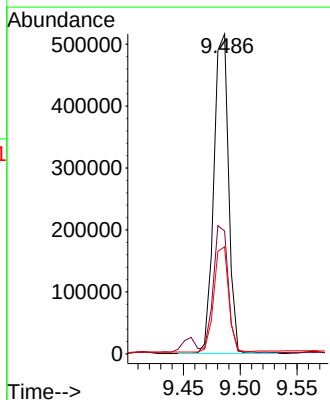
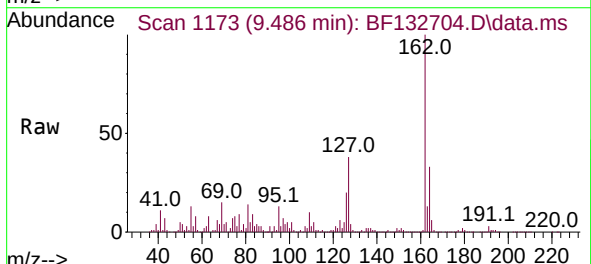
Manual Integrations
APPROVED

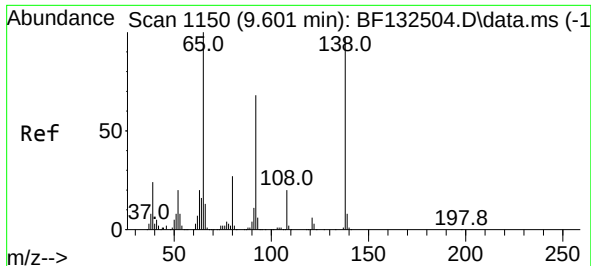
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#47
2-Chloronaphthalene
Concen: 46.506 ng
RT: 9.486 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:162 Resp: 465380
Ion Ratio Lower Upper
162 100
127 38.4 32.3 48.5
164 33.5 26.9 40.3





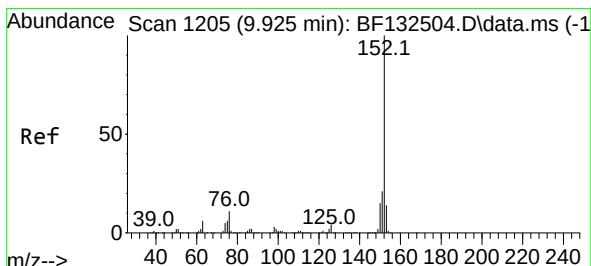
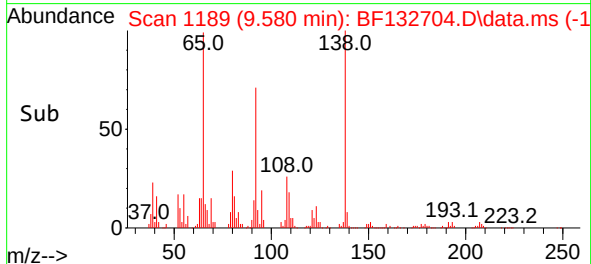
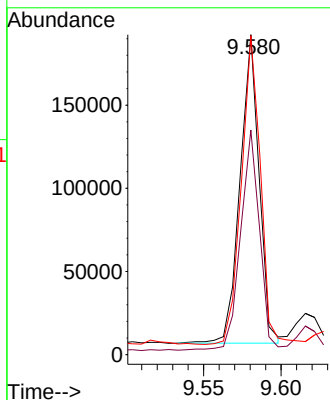
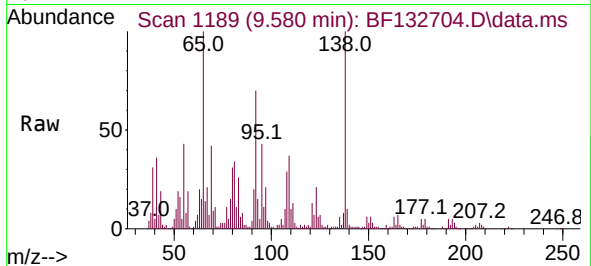
#48
2-Nitroaniline
Concen: 42.960 ng
RT: 9.580 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

Tgt Ion: 65 Resp: 158329
Ion Ratio Lower Upper
65 100
92 70.2 54.5 81.7
138 99.7 77.2 115.8

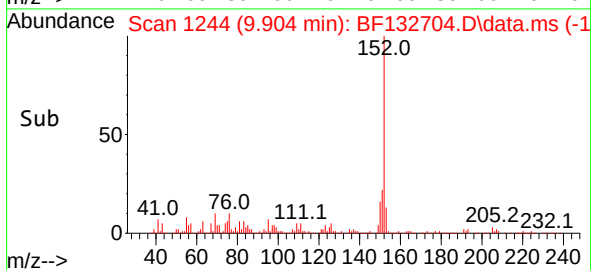
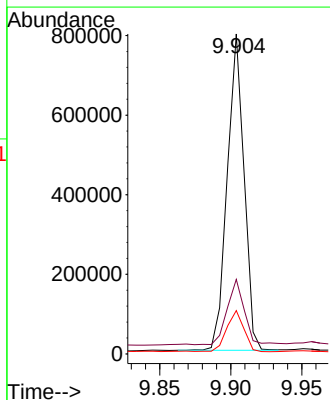
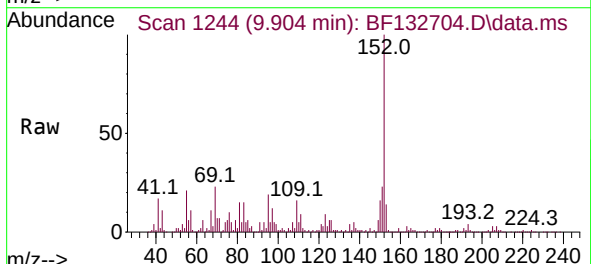
Manual Integrations
APPROVED

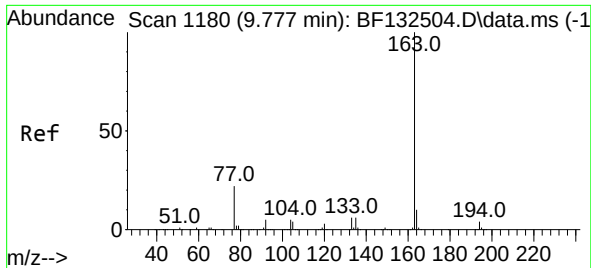
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#49
Acenaphthylene
Concen: 41.227 ng
RT: 9.904 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

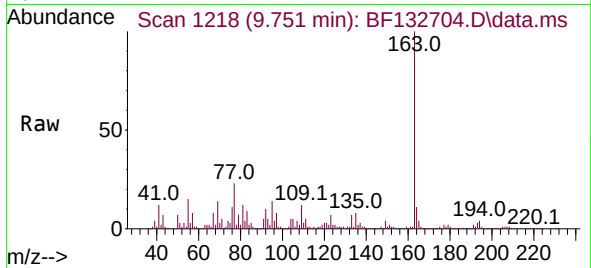
Tgt Ion:152 Resp: 656576
Ion Ratio Lower Upper
152 100
151 23.3 16.4 24.6
153 13.5 11.0 16.6





#50
Dimethylphthalate
Concen: 49.182 ng
RT: 9.751 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

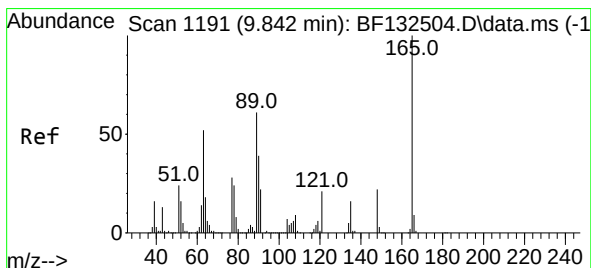
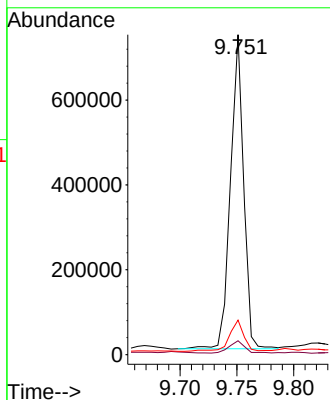
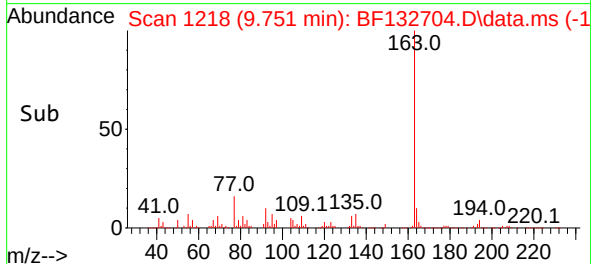
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



Tgt Ion:163 Resp: 597163
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.8 8.3 12.5

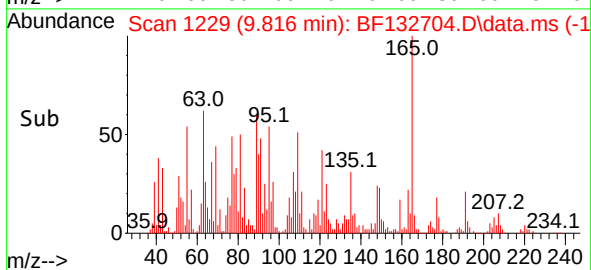
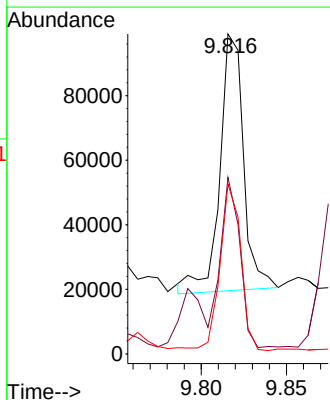
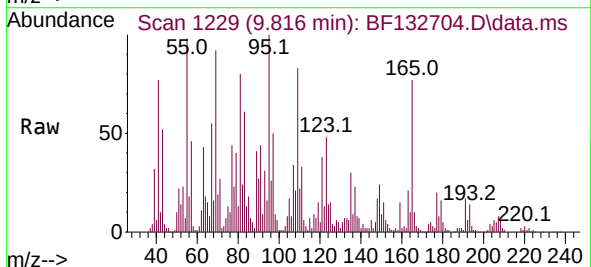
Manual Integrations
APPROVED

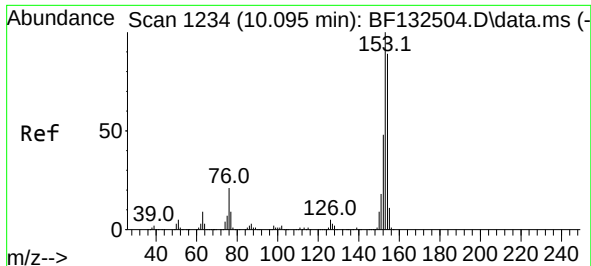
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#51
2,6-Dinitrotoluene
Concen: 27.863 ng
RT: 9.816 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

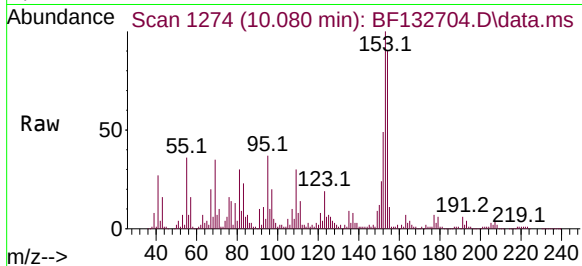
Tgt Ion:165 Resp: 77045
Ion Ratio Lower Upper
165 100
63 55.1 47.3 70.9
89 53.1 48.9 73.3





#52
Acenaphthene
Concen: 37.754 ng
RT: 10.080 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

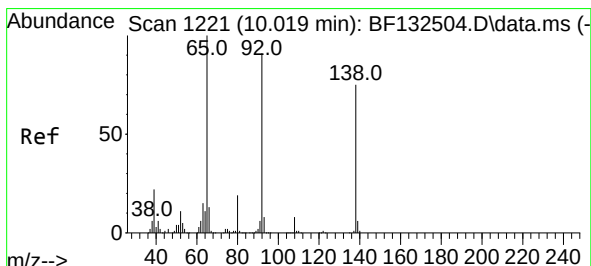
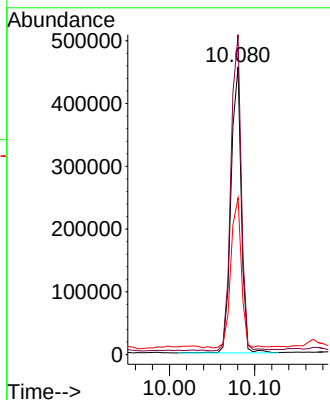
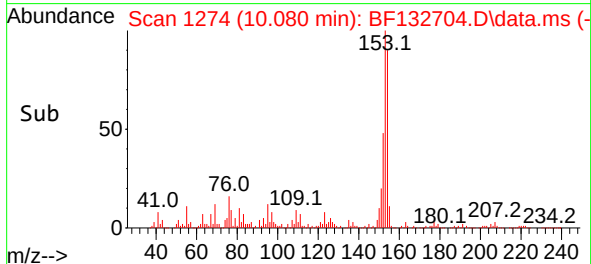
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



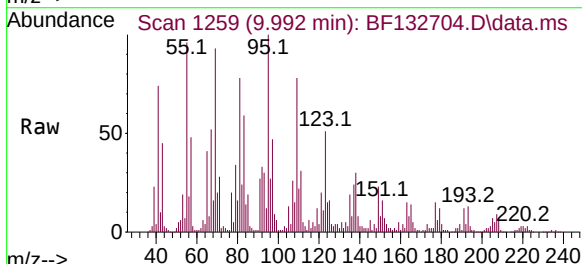
Tgt Ion:154 Resp: 381806
Ion Ratio Lower Upper
154 100
153 111.2 89.8 134.8
152 54.5 43.3 64.9

Manual Integrations
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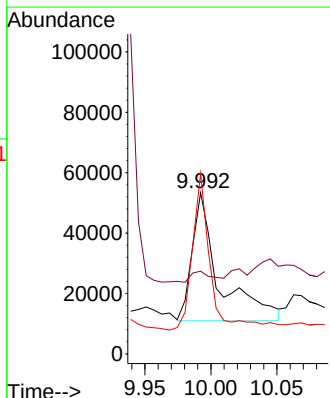
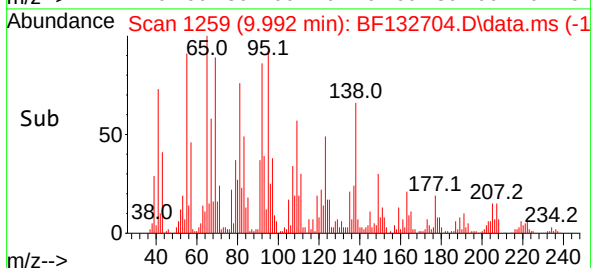
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

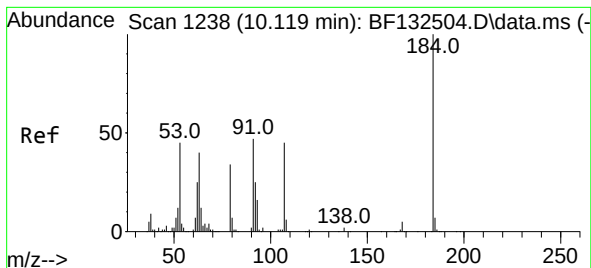


#53
3-Nitroaniline
Concen: 19.571 ng m
RT: 9.992 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39



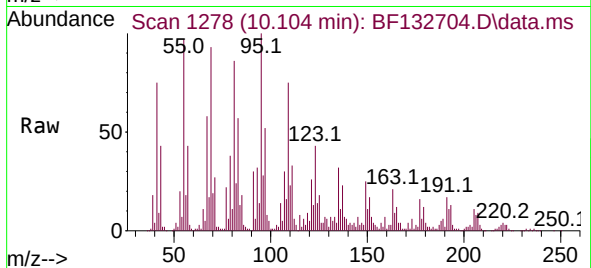
Tgt Ion:138 Resp: 60536
Ion Ratio Lower Upper
138 100
108 51.2 8.1 12.1#
92 112.0 97.2 145.8





#54
2,4-Dinitrophenol
Concen: 4.345 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

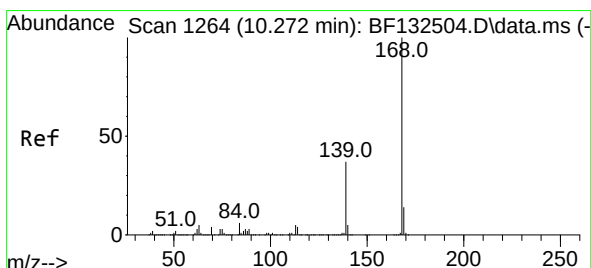
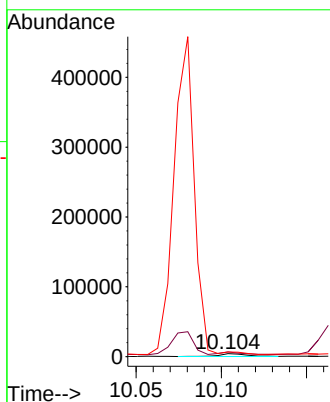
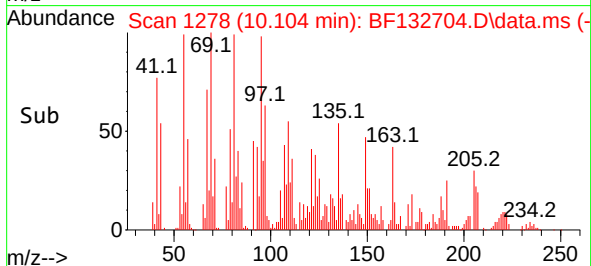
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



Tgt Ion:184 Resp: 4459
Ion Ratio Lower Upper
184 100
63 159.1 51.4 77.2
154 155.0 48.3 72.5

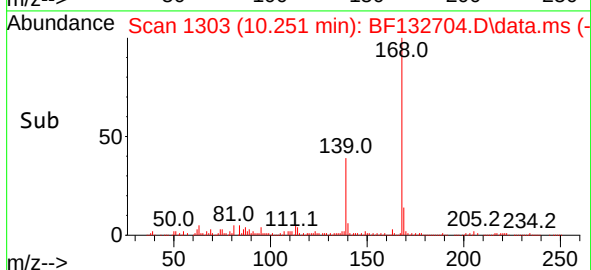
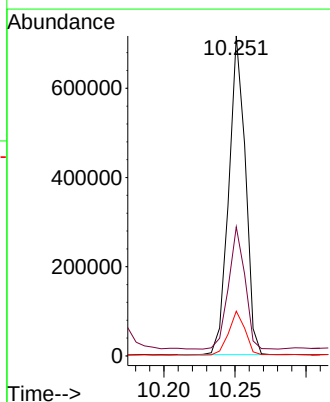
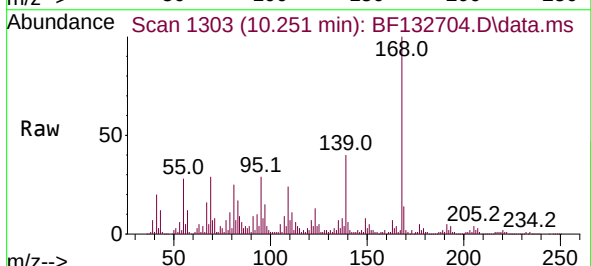
Manual Integrations
APPROVED

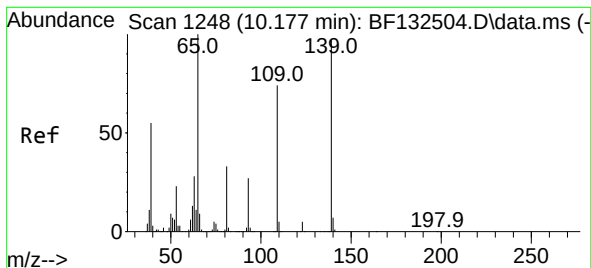
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#55
Dibenzofuran
Concen: 39.442 ng
RT: 10.251 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:168 Resp: 581493
Ion Ratio Lower Upper
168 100
139 40.3 29.8 44.6
169 14.0 10.9 16.3





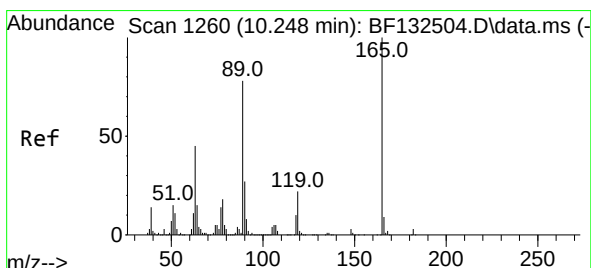
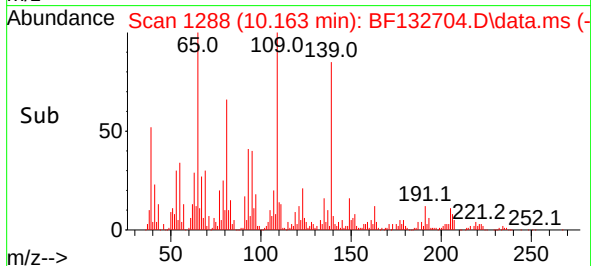
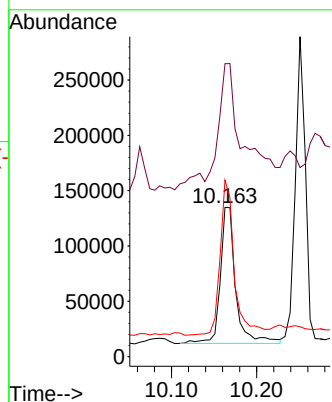
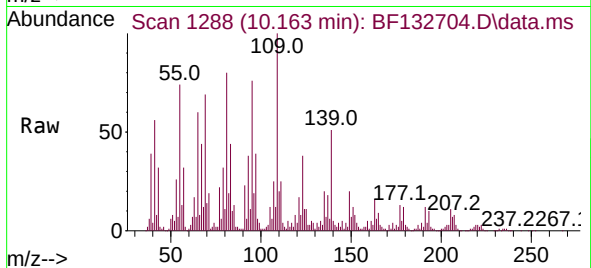
#56
4-Nitrophenol
Concen: 66.481 ng
RT: 10.163 min Scan# 1288
Delta R.T. 0.012 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS

Tgt Ion:139 Resp: 153359
Ion Ratio Lower Upper
139 100
109 196.3 56.7 96.7
65 118.3 83.5 123.5

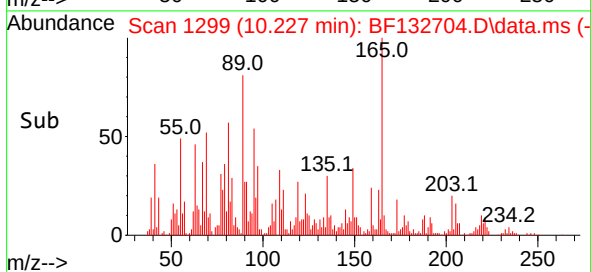
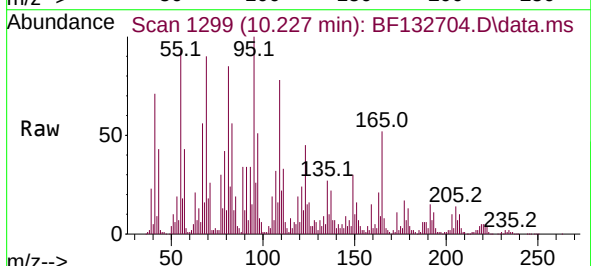
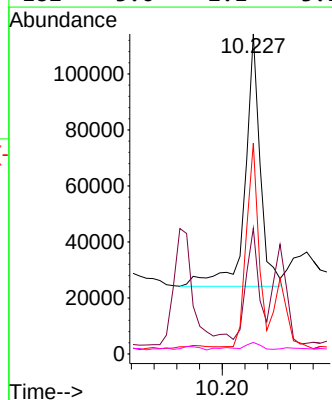
Manual Integrations
APPROVED

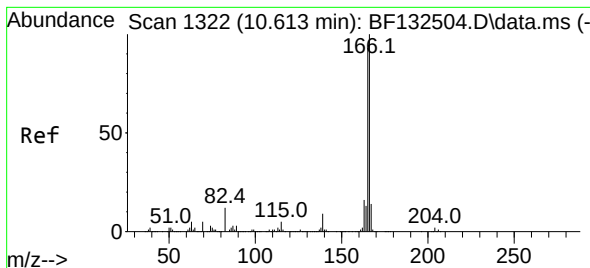
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#57
2,4-Dinitrotoluene
Concen: 22.642 ng
RT: 10.227 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion:165 Resp: 83295
Ion Ratio Lower Upper
165 100
63 39.3 36.5 54.7
89 65.9 62.4 93.6
182 3.6 2.1 3.1#





#58

Fluorene

Concen: 36.581 ng

RT: 10.604 min Scan# 1322

Delta R.T. 0.012 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

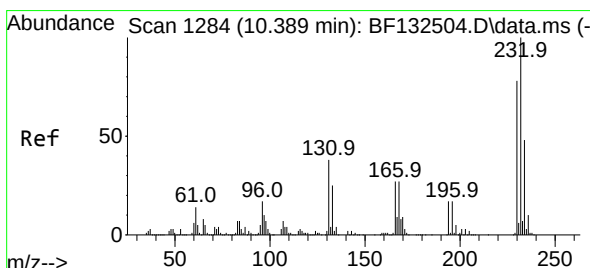
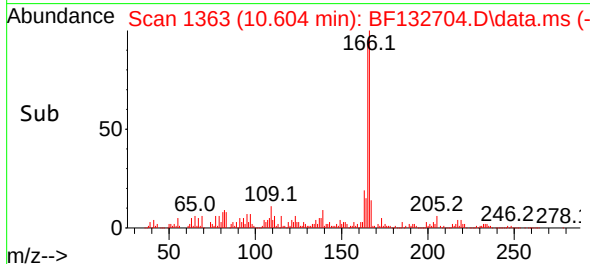
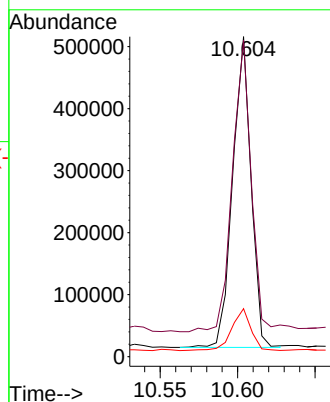
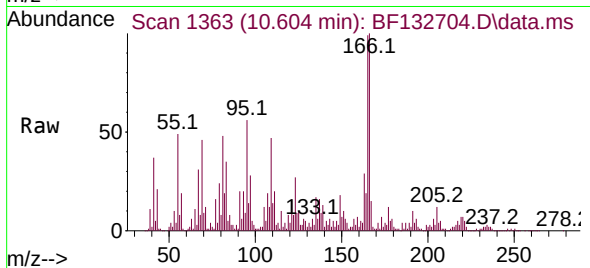
SS-10-20230306MS

Tgt Ion:166 Resp: 412520
 Ion Ratio Lower Upper
 166 100
 165 98.9 74.2 111.4
 167 15.0 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/09/2023
 Supervised By :Jagrut Upadhyay 03/09/2023



#59

2,3,4,6-Tetrachlorophenol

Concen: 40.023 ng

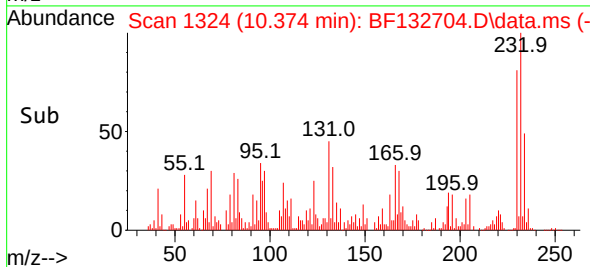
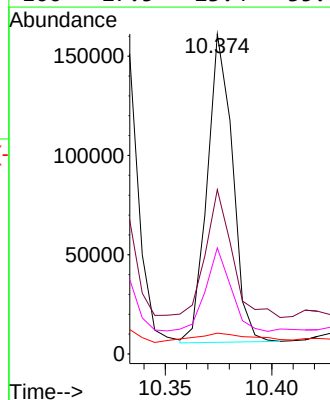
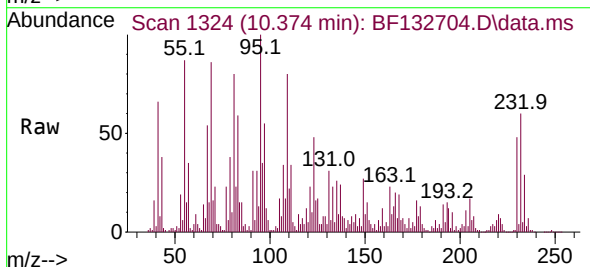
RT: 10.374 min Scan# 1324

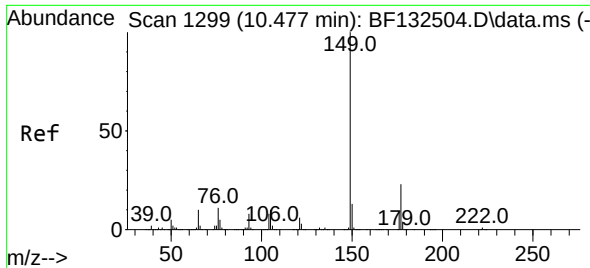
Delta R.T. 0.012 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

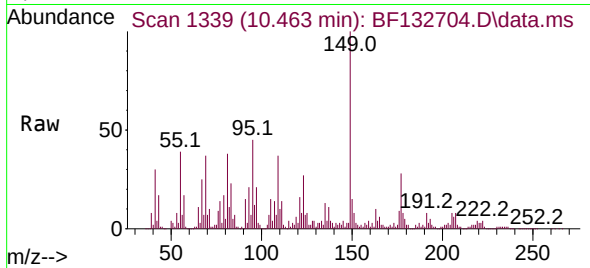
Tgt Ion:232 Resp: 128300
 Ion Ratio Lower Upper
 232 100
 131 49.0 33.8 50.8
 130 5.3 1.7 2.5#
 166 27.5 23.4 35.0





#60
Diethylphthalate
Concen: 40.200 ng
RT: 10.463 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

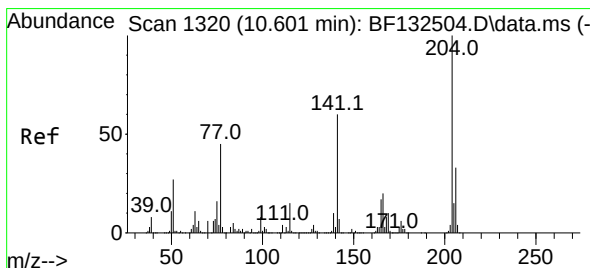
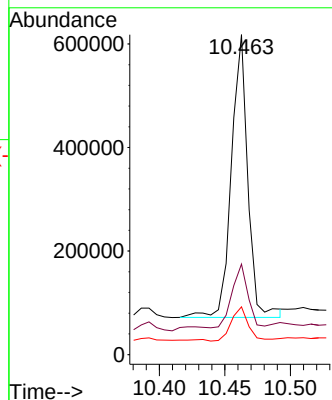
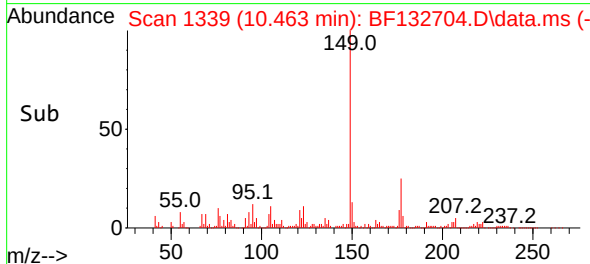
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



Tgt Ion:149 Resp: 476706
Ion Ratio Lower Upper
149 100
177 28.3 18.1 27.1
150 14.9 10.2 15.2

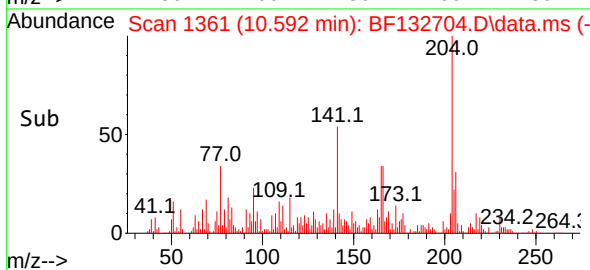
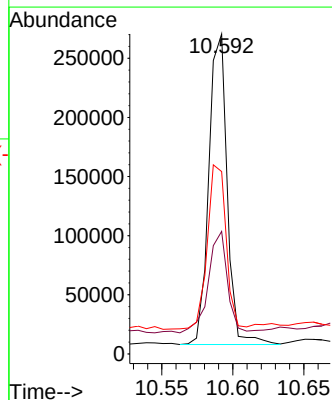
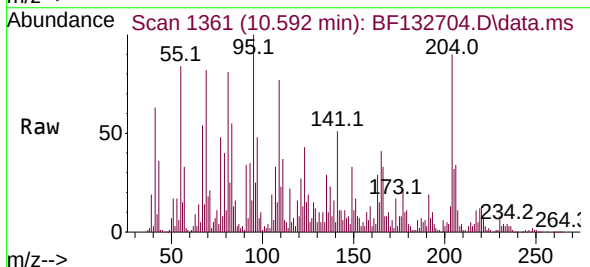
Manual Integrations
APPROVED

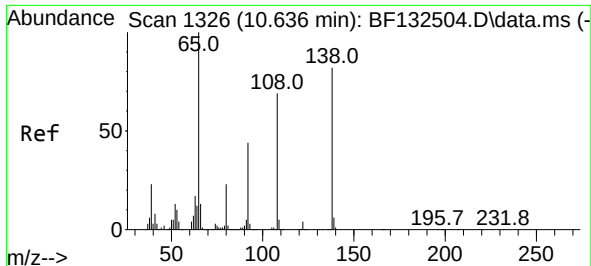
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#61
4-Chlorophenyl-phenylether
Concen: 40.384 ng
RT: 10.592 min Scan# 1361
Delta R.T. 0.012 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

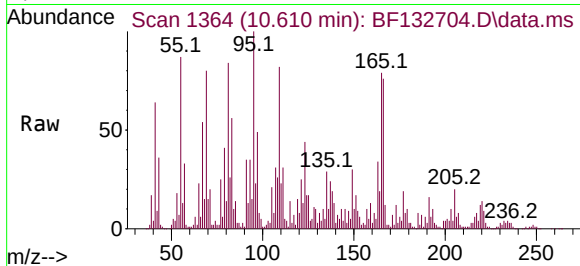
Tgt Ion:204 Resp: 236253
Ion Ratio Lower Upper
204 100
206 38.3 26.3 39.5
141 57.0 47.8 71.8





#62
4-Nitroaniline
Concen: 11.540 ng
RT: 10.610 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

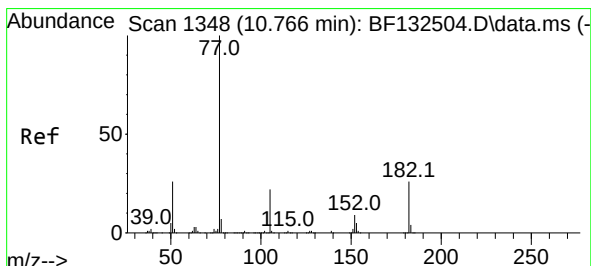
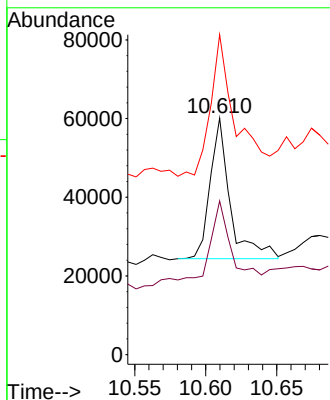
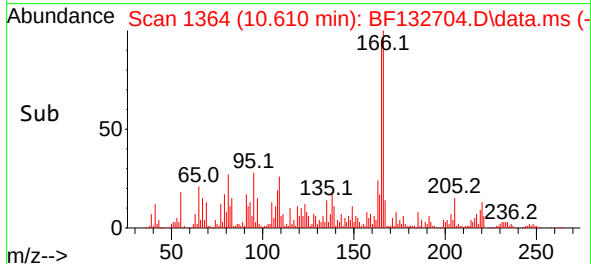
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



Tgt Ion:138 Resp: 35040
Ion Ratio Lower Upper
138 100
92 64.9 33.8 73.8
108 135.2 63.7 103.7

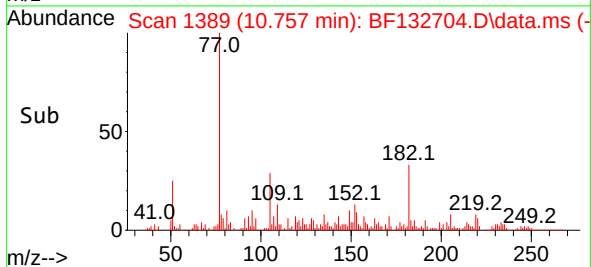
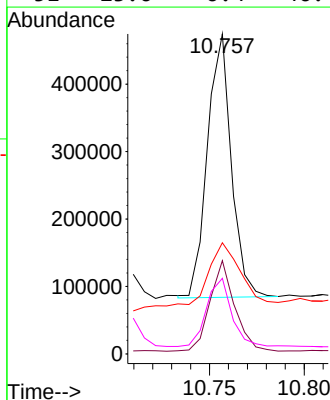
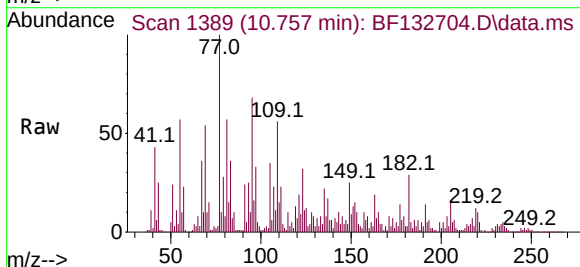
Manual Integrations
APPROVED

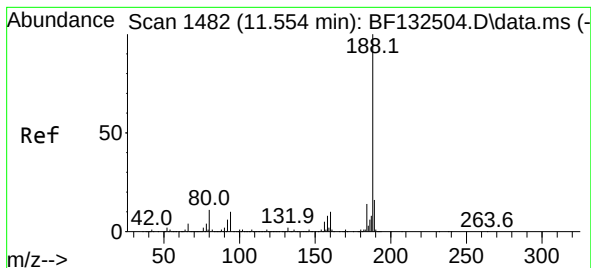
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#63
Azobenzene
Concen: 27.314 ng
RT: 10.757 min Scan# 1389
Delta R.T. 0.017 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

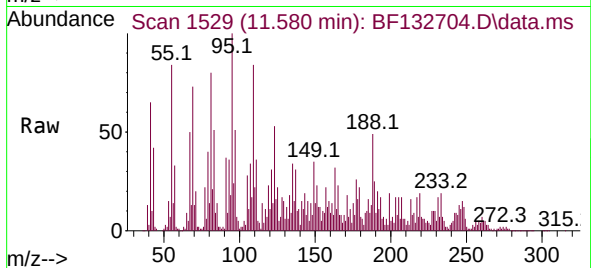
Tgt Ion: 77 Resp: 343028
Ion Ratio Lower Upper
77 100
182 29.1 5.5 45.5
105 34.7 1.8 41.8
51 23.6 6.4 46.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 11580
Delta R.T. 0.047 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

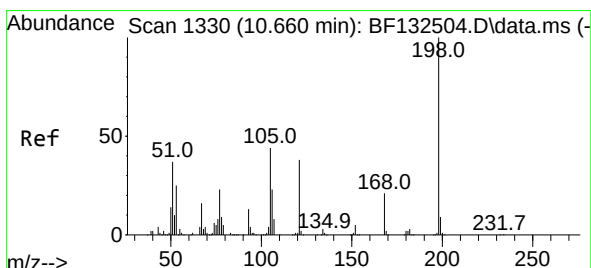
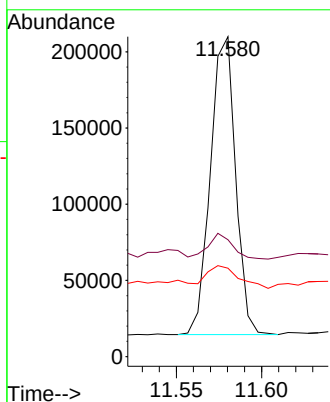
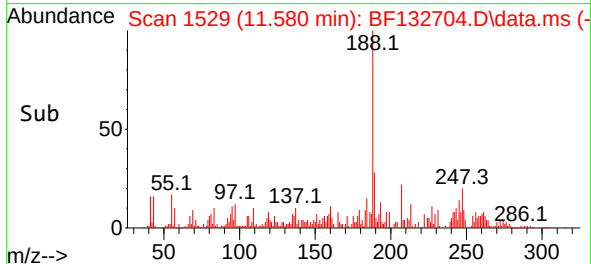
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



Tgt Ion:188 Resp: 201116
Ion Ratio Lower Upper
188 100
94 36.5 8.3 12.5
80 27.7 8.7 13.1

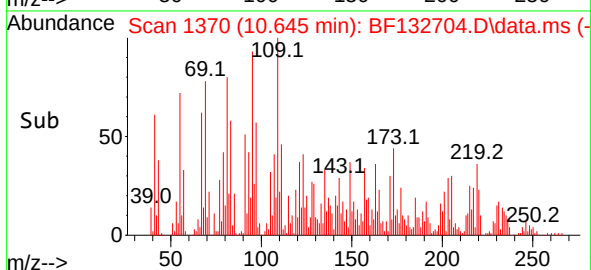
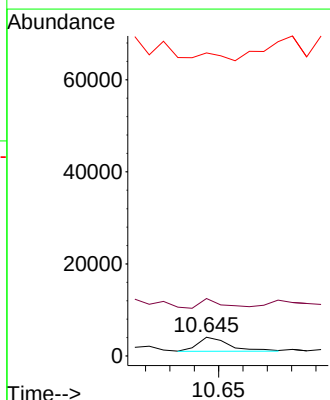
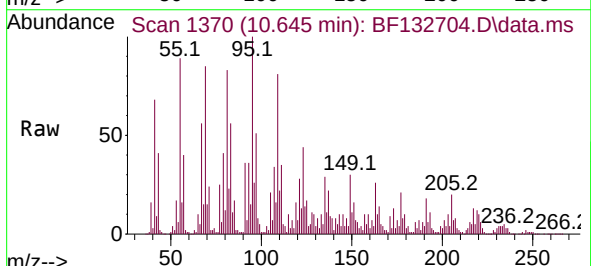
Manual Integrations
APPROVED

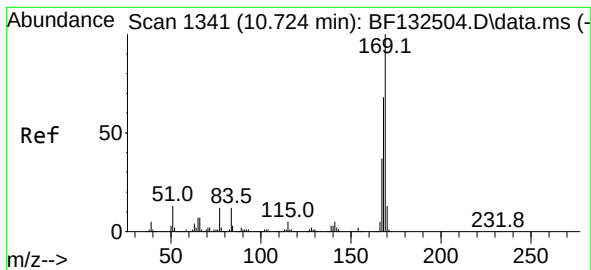
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#65
4,6-Dinitro-2-methylphenol
Concen: 2.015 ng
RT: 10.645 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

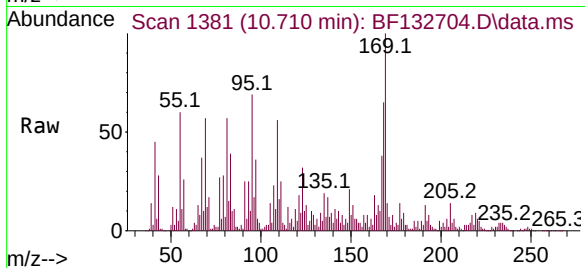
Tgt Ion:198 Resp: 2743
Ion Ratio Lower Upper
198 100
51 307.5 20.6 60.6#
105 1624.1 24.3 64.3#





#66
n-Nitrosodiphenylamine
Concen: 57.527 ng
RT: 10.710 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

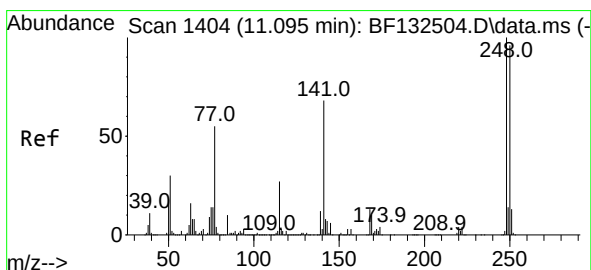
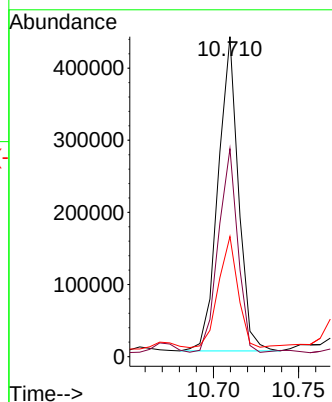
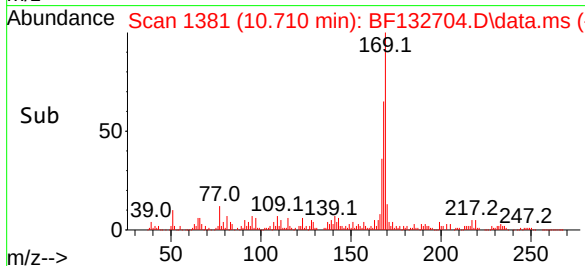
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



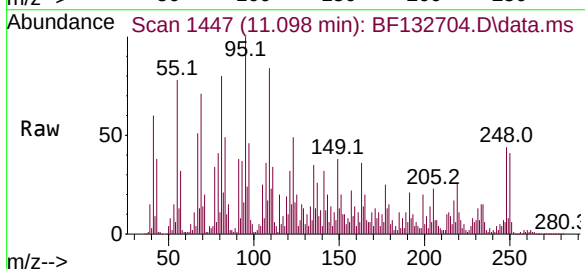
Tgt Ion:169 Resp: 360692
Ion Ratio Lower Upper
169 100
168 65.0 54.2 81.4
167 37.5 29.6 44.4

Manual Integrations
APPROVED

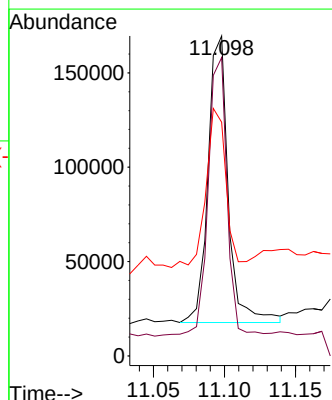
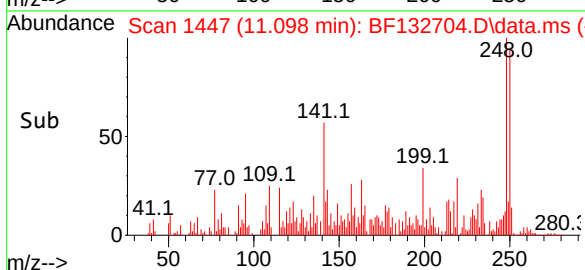
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

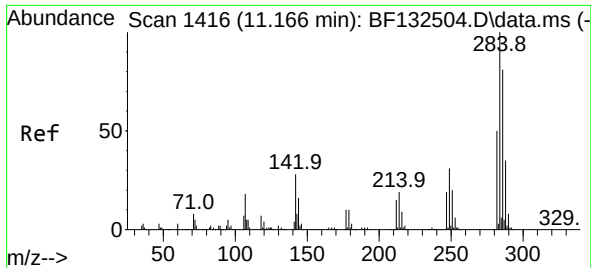


#67
4-Bromophenyl-phenylether
Concen: 66.227 ng
RT: 11.098 min Scan# 1447
Delta R.T. 0.023 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39



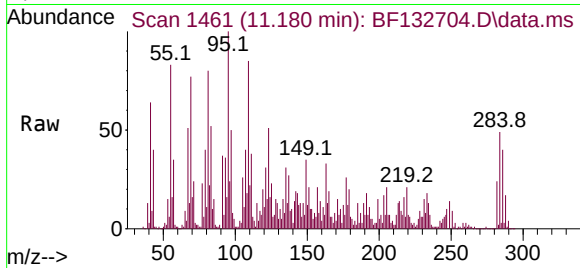
Tgt Ion:248 Resp: 150662
Ion Ratio Lower Upper
248 100
250 93.2 77.0 115.4
141 73.0 54.2 81.2





#68
Hexachlorobenzene
Concen: 70.151 ng
RT: 11.180 min Scan# 1416
Delta R.T. 0.035 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

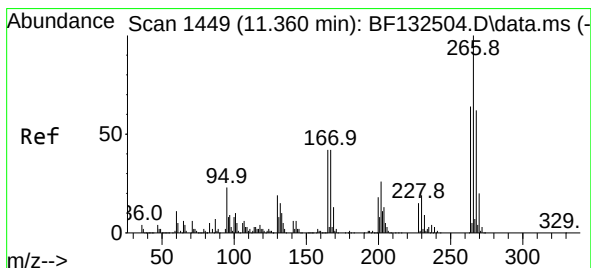
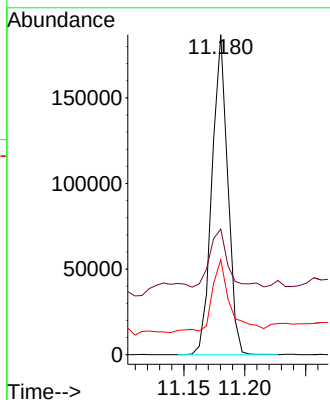
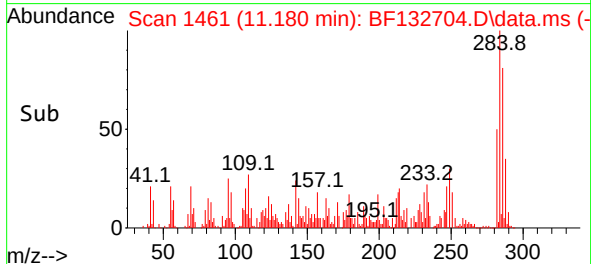
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



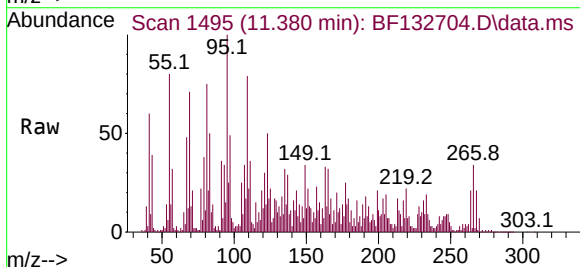
Tgt Ion:284 Resp: 167924
Ion Ratio Lower Upper
284 100
142 39.2 22.2 33.4
249 29.6 24.9 37.3

Manual Integrations
APPROVED

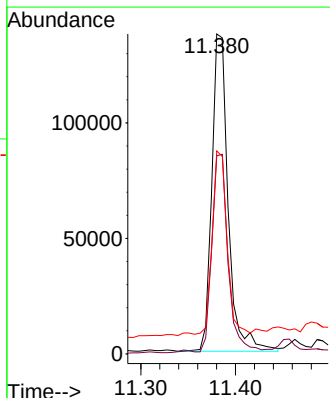
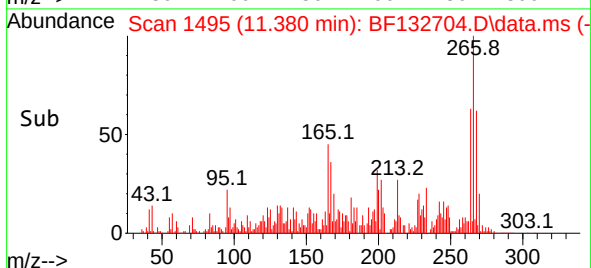
Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

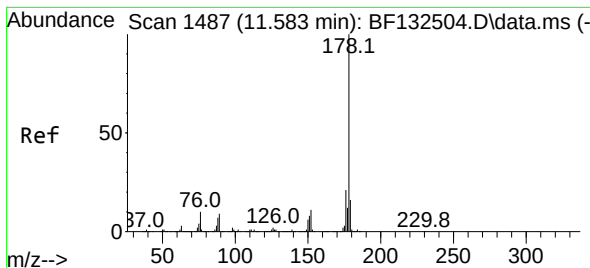


#70
Pentachlorophenol
Concen: 115.930 ng
RT: 11.380 min Scan# 1495
Delta R.T. 0.041 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39



Tgt Ion:266 Resp: 165108
Ion Ratio Lower Upper
266 100
268 61.9 49.8 74.6
264 63.4 50.9 76.3





#71

Phenanthrene

Concen: 46.693 ng

RT: 11.604 min Scan# 11

Delta R.T. 0.041 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

Tgt Ion:178 Resp: 486489

Ion Ratio Lower Upper

178 100

176 22.8 16.5 24.7

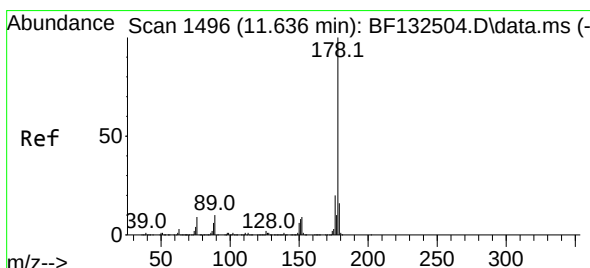
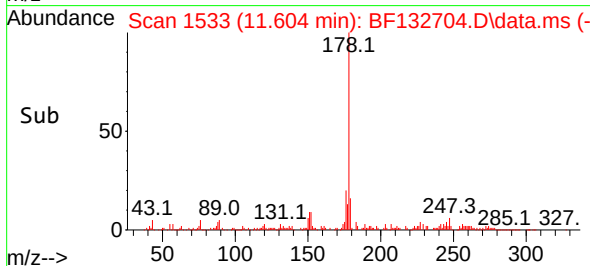
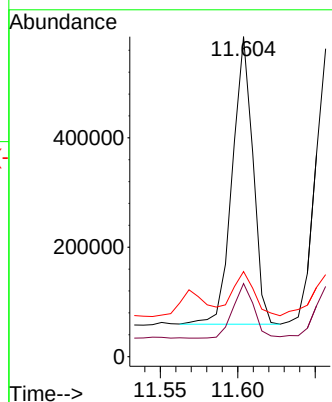
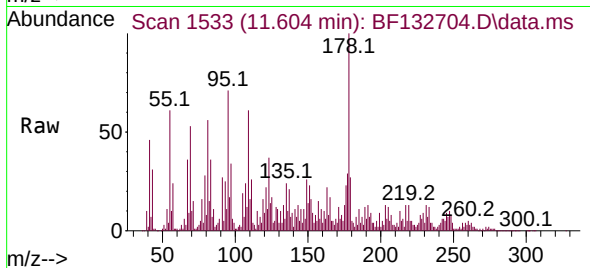
179 26.6 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/09/2023

Supervised By :Jagrut Upadhyay 03/09/2023



#72

Anthracene

Concen: 45.725 ng

RT: 11.657 min Scan# 1542

Delta R.T. 0.041 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

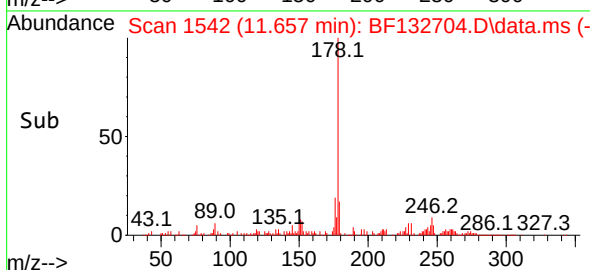
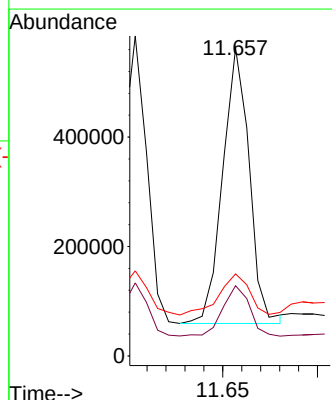
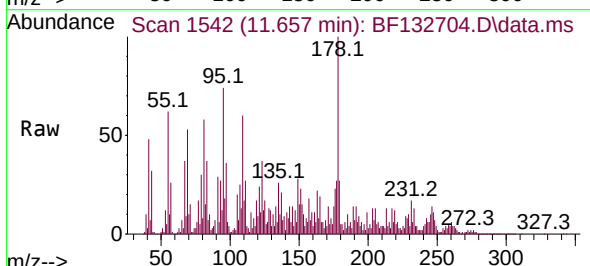
Tgt Ion:178 Resp: 490578

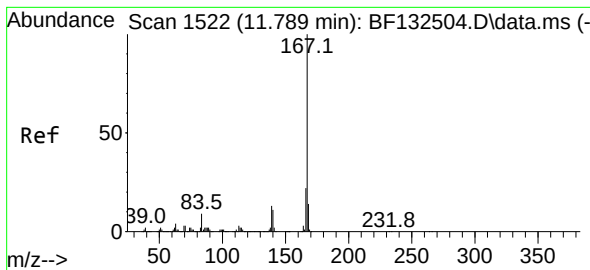
Ion Ratio Lower Upper

178 100

176 22.8 15.6 23.4

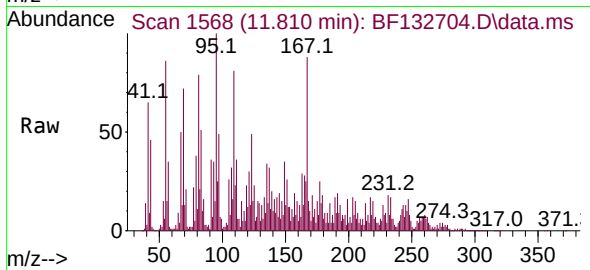
179 26.6 12.5 18.7#





#73
 Carbazole
 Concen: 42.289 ng
 RT: 11.810 min Scan# 11
 Delta R.T. 0.041 min
 Lab File: BF132704.D
 Acq: 08 Mar 2023 22:39

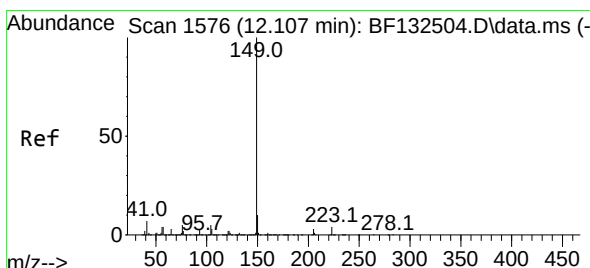
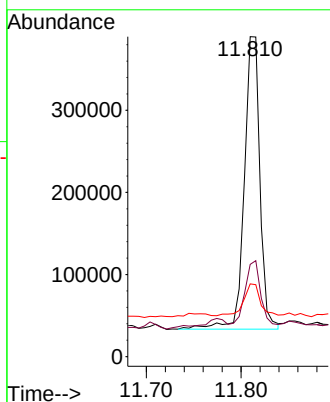
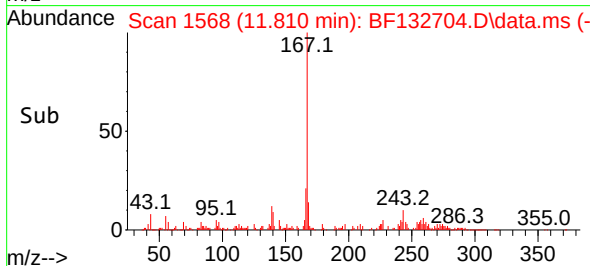
Instrument :
 BNA_F
 ClientSampleId :
 SS-10-20230306MS



Tgt Ion:167 Resp: 409074
 Ion Ratio Lower Upper
 167 100
 166 28.8 17.7 26.5
 139 22.8 10.5 15.7

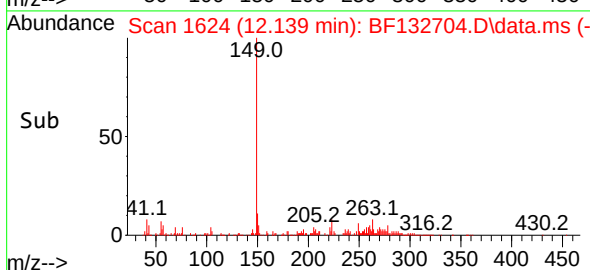
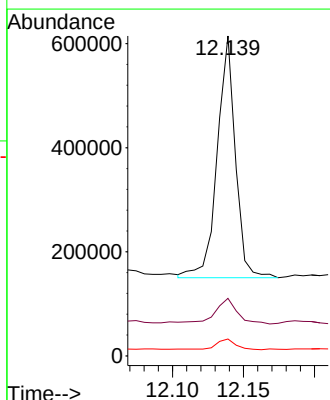
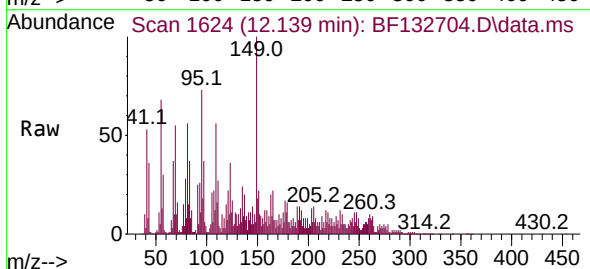
Manual Integrations
 APPROVED

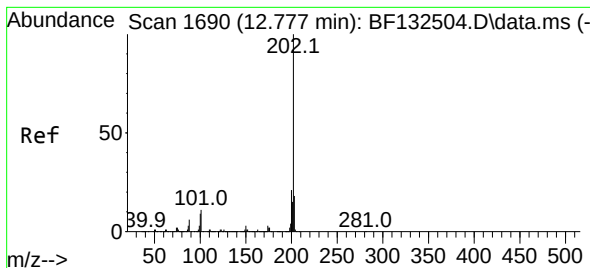
Reviewed By :Christian Giraldo 03/09/2023
 Supervised By :Jagrut Upadhyay 03/09/2023



#74
 Di-n-butylphthalate
 Concen: 36.523 ng
 RT: 12.139 min Scan# 1624
 Delta R.T. 0.053 min
 Lab File: BF132704.D
 Acq: 08 Mar 2023 22:39

Tgt Ion:149 Resp: 414420
 Ion Ratio Lower Upper
 149 100
 150 18.0 7.8 11.8
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 38.516 ng

RT: 12.839 min Scan# 11

Delta R.T. 0.082 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

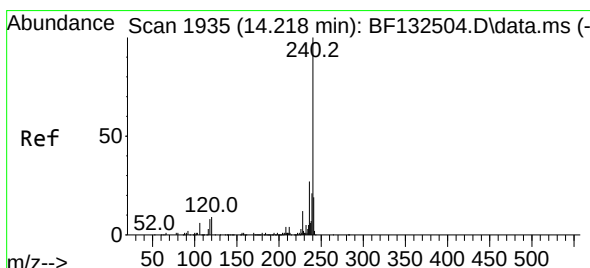
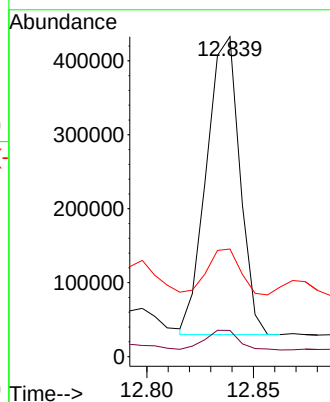
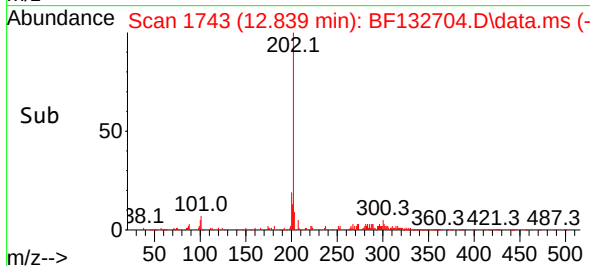
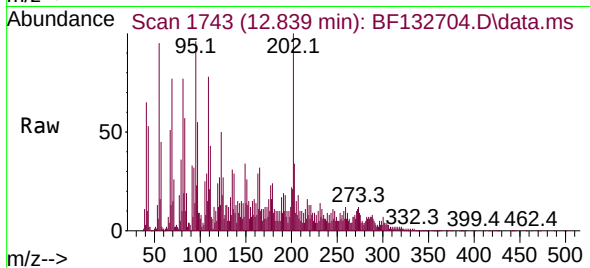
SS-10-20230306MS

Tgt Ion:202	Resp: 43869
Ion Ratio	Lower Upper
202 100	
101 8.2	0.0 31.4
203 33.6	0.0 38.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#76

Chrysene-d12

Concen: 20.000 ng

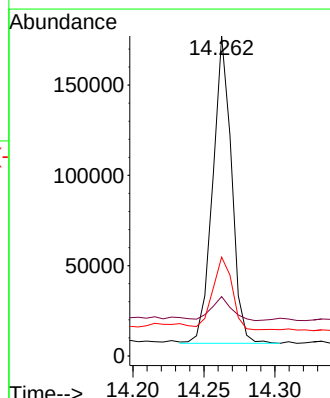
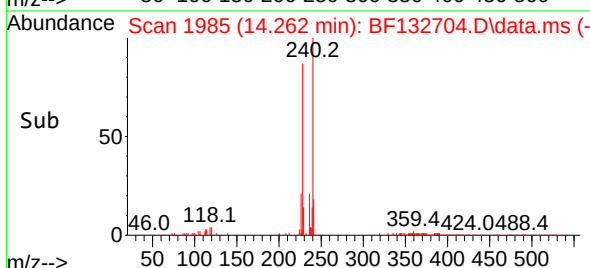
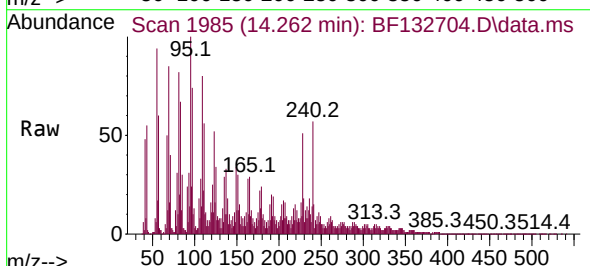
RT: 14.262 min Scan# 1985

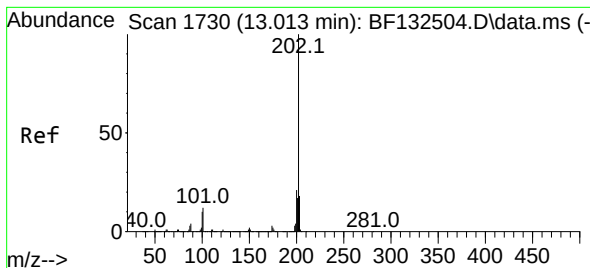
Delta R.T. 0.064 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Tgt Ion:240	Resp: 156892
Ion Ratio	Lower Upper
240 100	
120 18.5	7.2 10.8
236 30.9	21.8 32.6





#78

Pyrene

Concen: 42.726 ng

RT: 13.074 min Scan# 1

Delta R.T. 0.082 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

Tgt Ion:202 Resp: 60946

Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

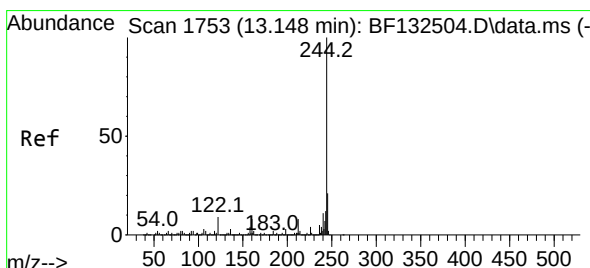
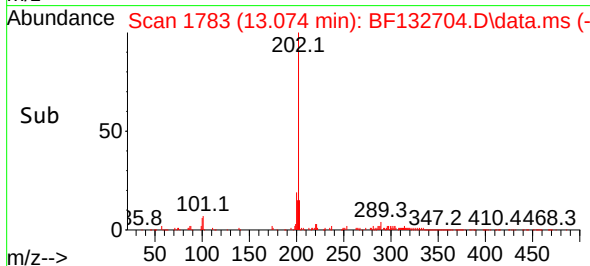
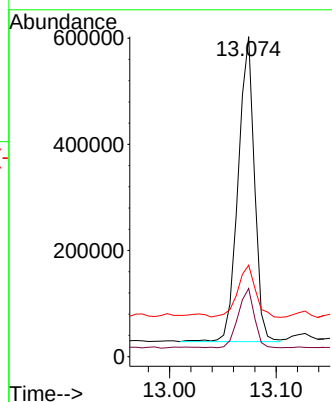
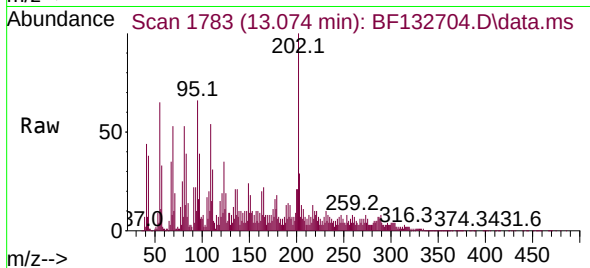
203 28.6 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/09/2023

Supervised By :Jagrut Upadhyay 03/09/2023



#79

Terphenyl-d14

Concen: 71.644 ng

RT: 13.198 min Scan# 1804

Delta R.T. 0.070 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

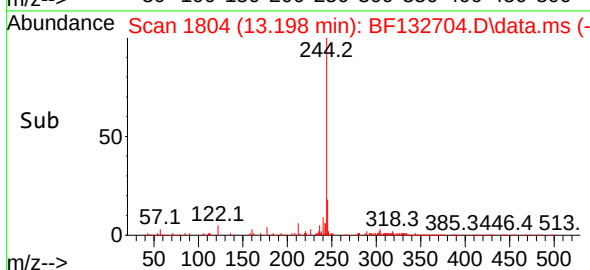
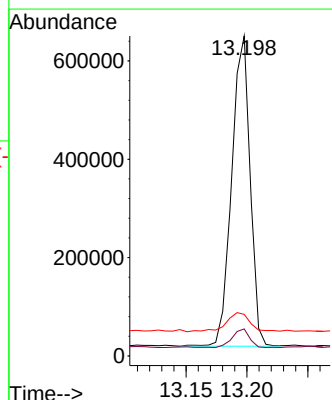
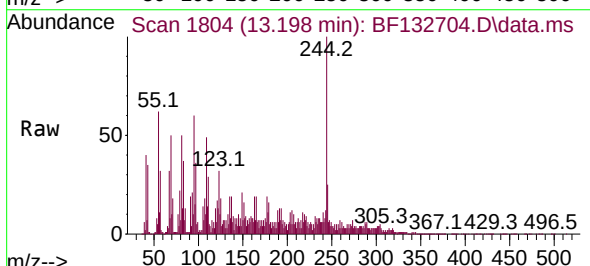
Tgt Ion:244 Resp: 664819

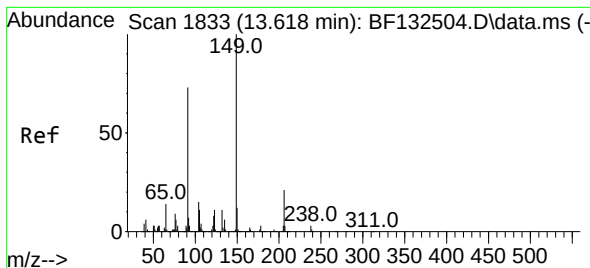
Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

122 13.0 7.5 11.3





#80

Butylbenzylphthalate

Concen: 26.200 ng

RT: 13.657 min Scan# 1882

Delta R.T. 0.059 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

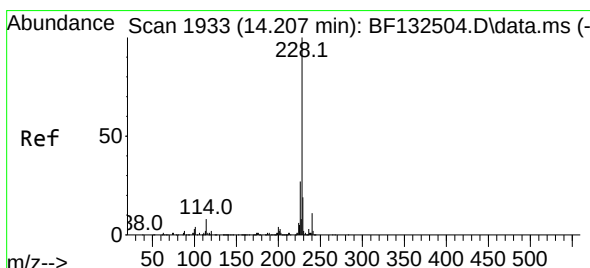
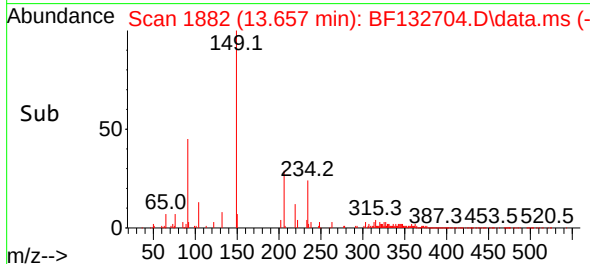
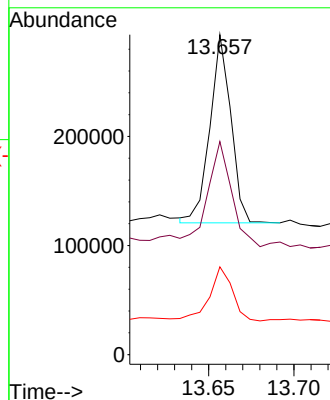
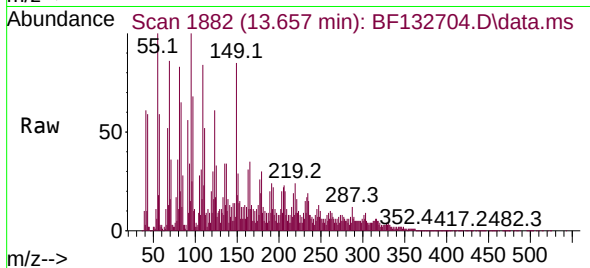
Tgt Ion:	149	Resp:	147478
Ion Ratio	Lower	Upper	
149	100		
91	66.6	58.4	87.6
206	27.4	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/09/2023

Supervised By :Jagrut Upadhyay 03/09/2023



#81

Benzo(a)anthracene

Concen: 40.364 ng

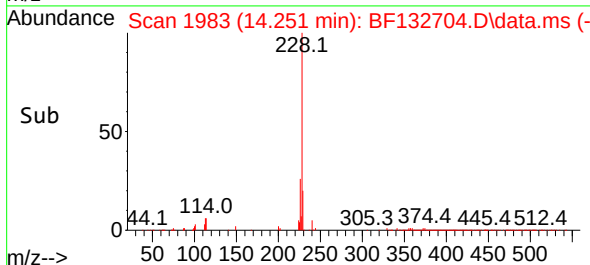
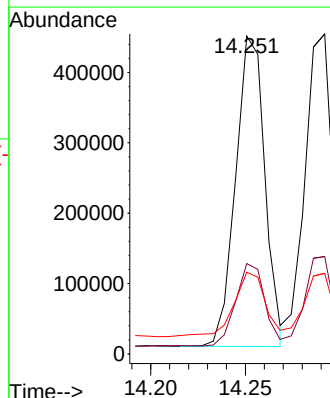
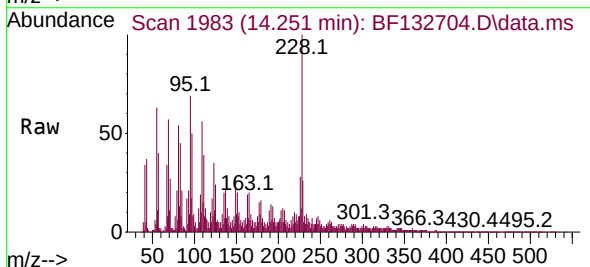
RT: 14.251 min Scan# 1983

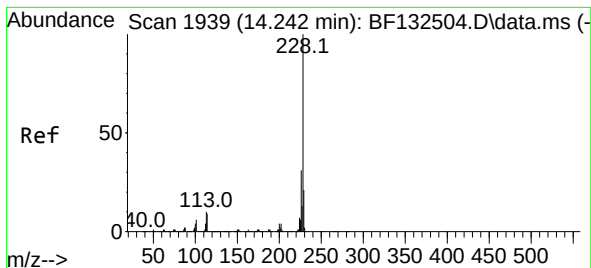
Delta R.T. 0.064 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Tgt Ion:	228	Resp:	473839
Ion Ratio	Lower	Upper	
228	100		
226	28.4	21.7	32.5
229	25.7	15.4	23.2





#83

Chrysene

Concen: 41.473 ng

RT: 14.292 min Scan# 1939

Delta R.T. 0.070 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

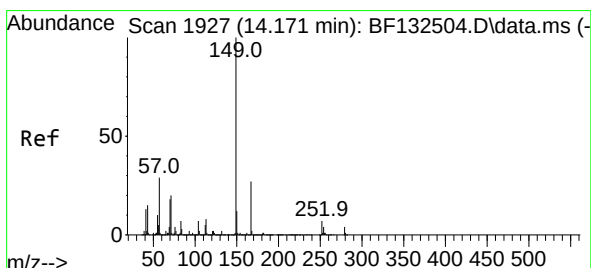
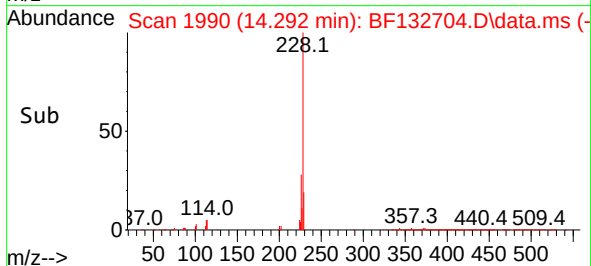
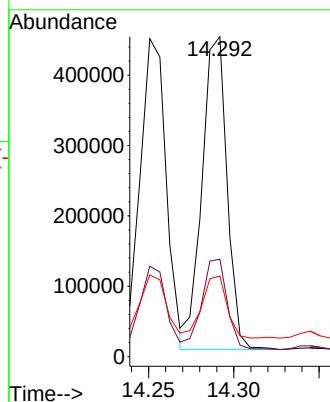
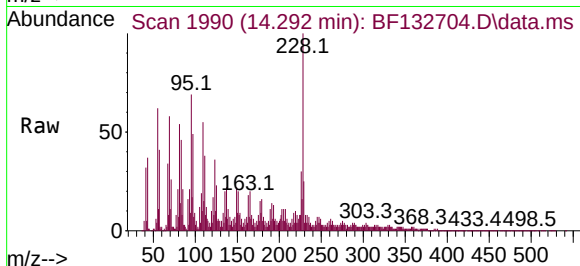
SS-10-20230306MS

Tgt Ion:	228	Resp:	45526
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	25.2	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.040 ng

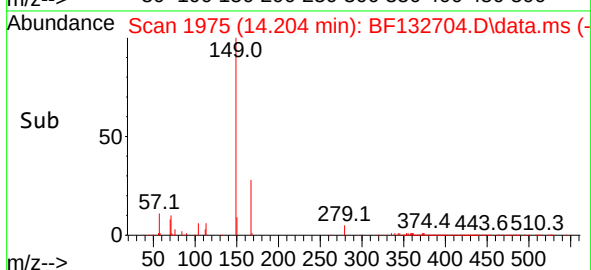
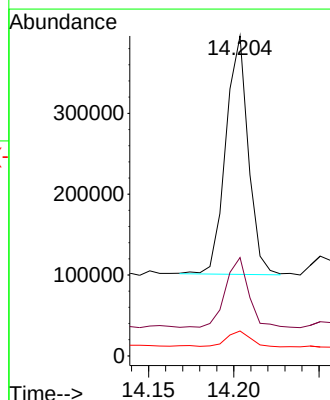
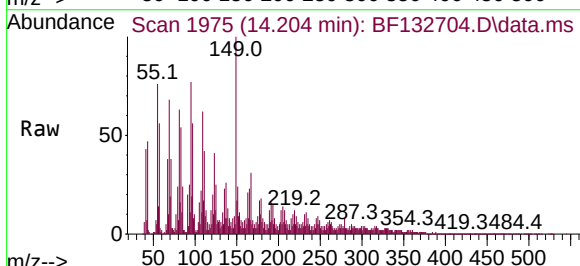
RT: 14.204 min Scan# 1975

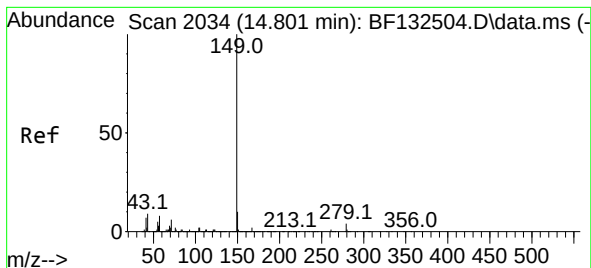
Delta R.T. 0.053 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Tgt Ion:	149	Resp:	269956
Ion Ratio	Lower	Upper	
149	100		
167	30.7	21.8	32.6
279	7.8	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 39.085 ng

RT: 14.827 min Scan# 2034

Delta R.T. 0.053 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

Tgt Ion:149 Resp: 394945

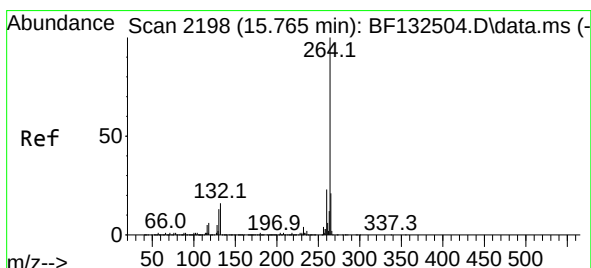
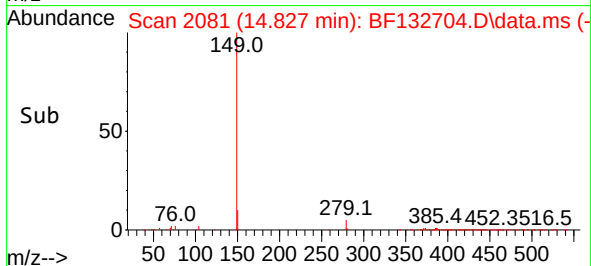
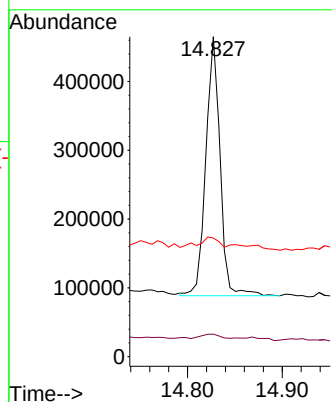
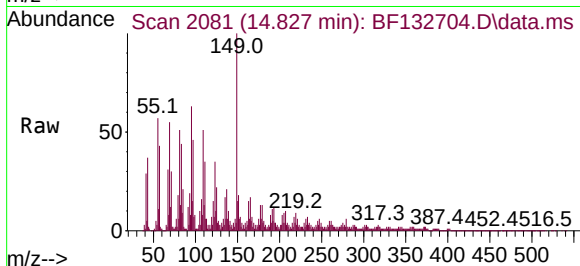
Ion	Ratio	Lower	Upper
149	100		
167	2.1	1.3	1.9
43	3.1	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/09/2023

Supervised By :Jagrut Upadhyay 03/09/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.827 min Scan# 2251

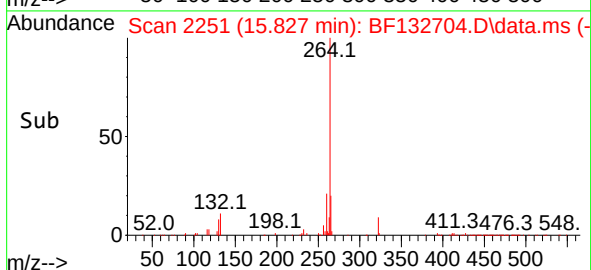
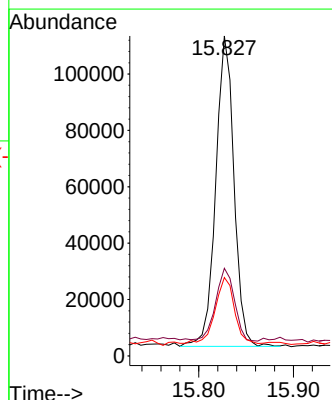
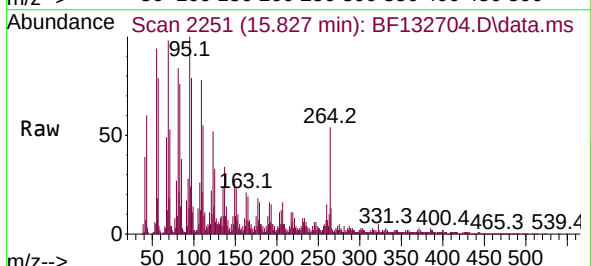
Delta R.T. 0.088 min

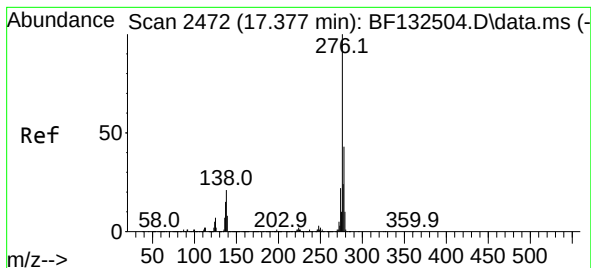
Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Tgt Ion:264 Resp: 147627

Ion	Ratio	Lower	Upper
264	100		
260	27.4	18.8	28.2
265	24.5	17.1	25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.746 ng

RT: 17.450 min Scan# 2171

Delta R.T. 0.106 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

SS-10-20230306MS

Tgt Ion:276 Resp: 510218

Ion Ratio Lower Upper

276 100

138 17.8 19.0 28.4

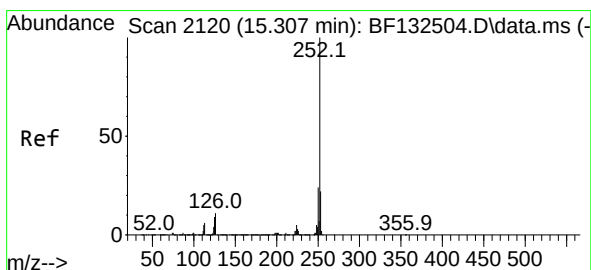
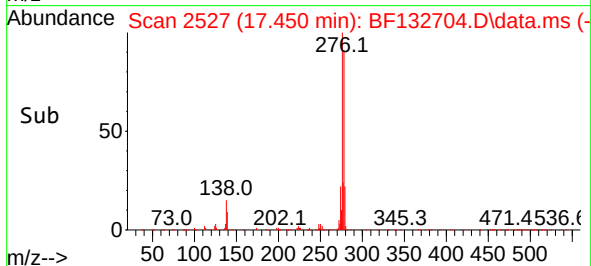
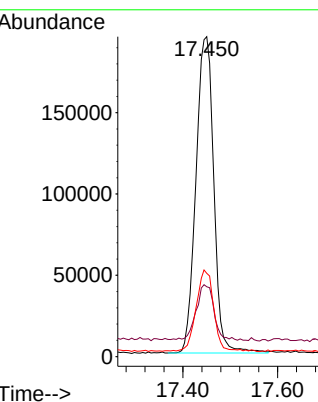
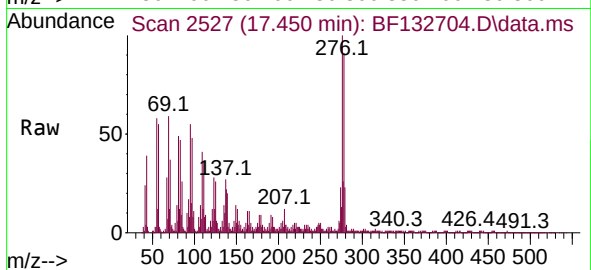
277 24.7 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/09/2023

Supervised By :Jagrut Upadhyay 03/09/2023



#88

Benzo(b)fluoranthene

Concen: 47.454 ng

RT: 15.356 min Scan# 2171

Delta R.T. 0.076 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

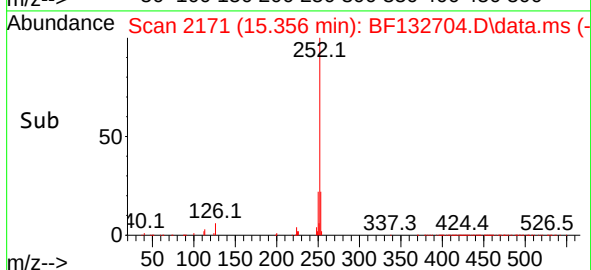
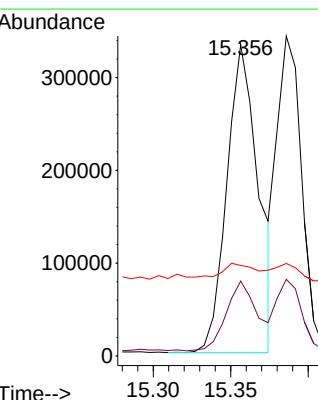
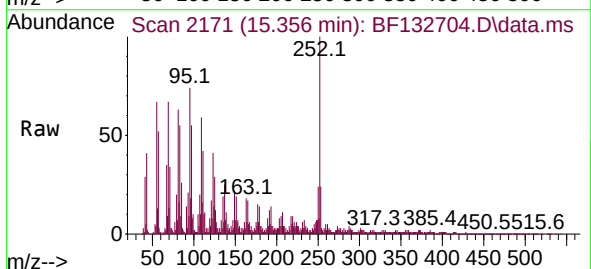
Tgt Ion:252 Resp: 469477

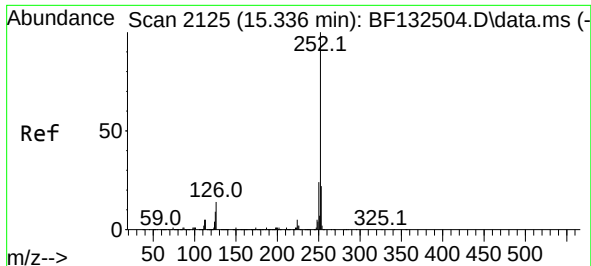
Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.0

125 29.1 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 39.284 ng

RT: 15.386 min Scan# 21

Delta R.T. 0.070 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

Instrument :

BNA_F

ClientSampleId :

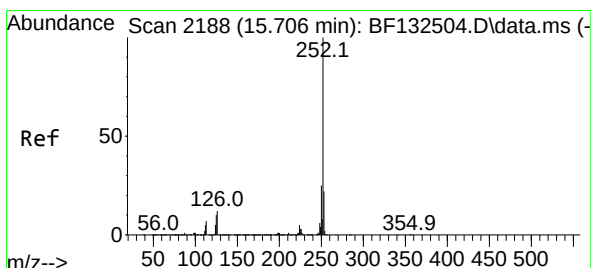
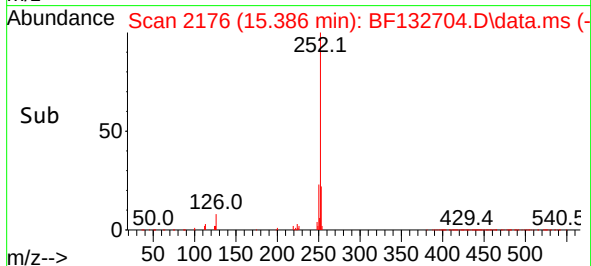
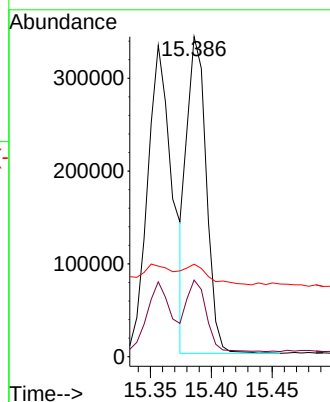
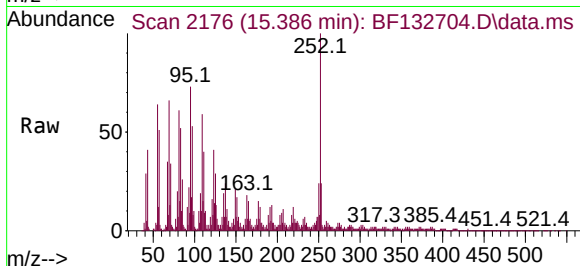
SS-10-20230306MS

Tgt Ion:	252	Resp:	38036
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.5	26.3
125	28.9	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023



#90

Benzo(a)pyrene

Concen: 39.756 ng

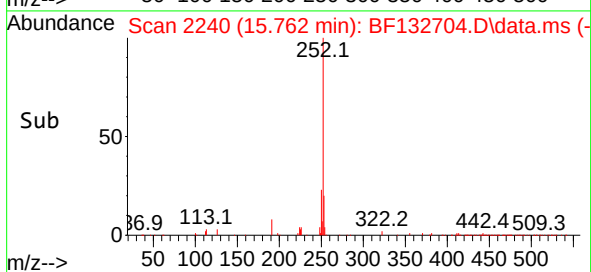
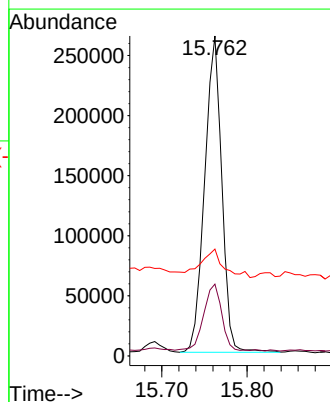
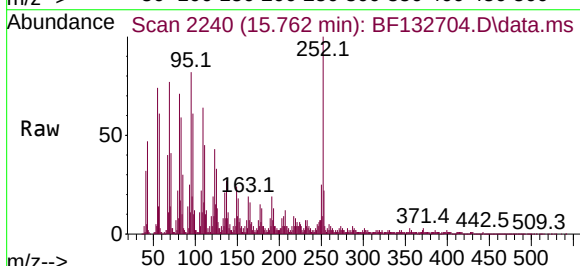
RT: 15.762 min Scan# 2240

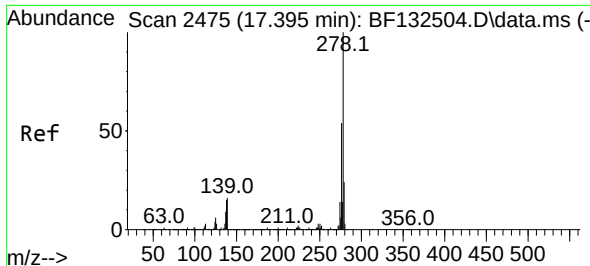
Delta R.T. 0.088 min

Lab File: BF132704.D

Acq: 08 Mar 2023 22:39

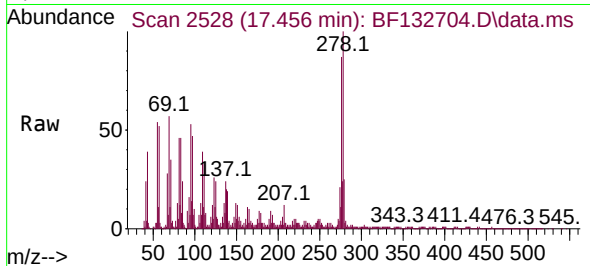
Tgt Ion:	252	Resp:	368110
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	33.4	8.0	12.0





#91
Dibenzo(a,h)anthracene
Concen: 54.309 ng
RT: 17.456 min Scan# 2610
Delta R.T. 0.100 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

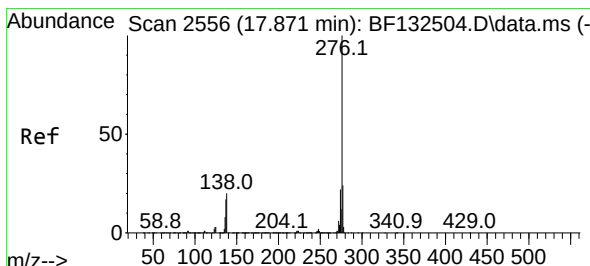
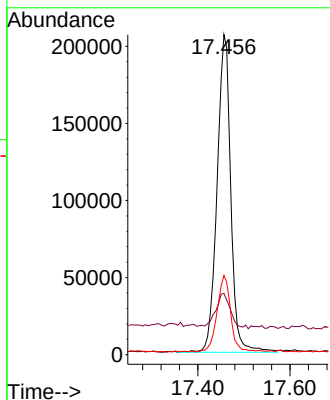
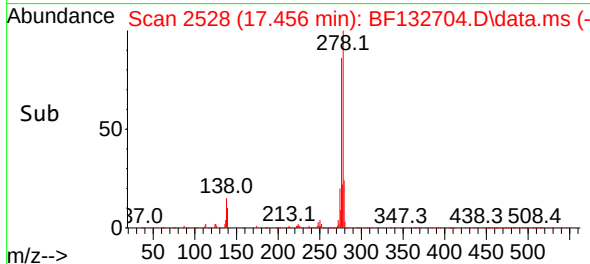
Instrument :
BNA_F
ClientSampleId :
SS-10-20230306MS



Tgt Ion: 278 Resp: 428032
Ion Ratio Lower Upper
278 100
139 19.2 13.0 19.4
279 24.7 19.0 28.4

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 03/09/2023
Supervised By : Jagrut Upadhyay 03/09/2023



#92
Benzo(g,h,i)perylene
Concen: 48.183 ng
RT: 17.939 min Scan# 2610
Delta R.T. 0.106 min
Lab File: BF132704.D
Acq: 08 Mar 2023 22:39

Tgt Ion: 276 Resp: 429212
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 19.5 16.2 24.4

