

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133383.D
 Acq On : 15 May 2023 13:28
 Operator : CG\JU
 Sample : PB152781BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152781BS

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: May 15 14:38:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							05/16/2023
1) 1,4-Dichlorobenzene-d4	6.722	152	238149	20.000	ng	0.00	Supervised By : Yogesh Patel
21) Naphthalene-d8	8.010	136	987184	20.000	ng	0.00	
39) Acenaphthene-d10	9.763	164	498002	20.000	ng	0.00	
64) Phenanthrene-d10	11.245	188	878574	20.000	ng	0.00	
76) Chrysene-d12	13.886	240	526183	20.000	ng	0.00	
86) Perylene-d12	15.303	264	460028	20.000	ng	0.01	05/16/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1919284	121.743	ng	0.02	
7) Phenol-d6	6.375	99	2291001	117.080	ng	0.00	
23) Nitrobenzene-d5	7.292	82	1484832	81.187	ng	0.00	
42) 2,4,6-Tribromophenol	10.557	330	605457	120.889	ng	0.00	
45) 2-Fluorobiphenyl	9.086	172	2449676	82.295	ng	0.00	
79) Terphenyl-d14	12.833	244	2766547	90.679	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	277499	37.949	ng		96
3) Pyridine	3.169	79	724326	37.295	ng		95
4) n-Nitrosodimethylamine	3.134	42	405348	40.294	ng		91
6) Aniline	6.386	93	781867	31.023	ng	#	15
8) 2-Chlorophenol	6.510	128	772743	48.276	ng		96
9) Benzaldehyde	6.269	77	423687	51.909	ng		97
10) Phenol	6.386	94	896026	41.508	ng	#	74
11) bis(2-Chloroethyl)ether	6.457	93	735077	45.378	ng		99
12) 1,3-Dichlorobenzene	6.663	146	808957	47.535	ng		98
13) 1,4-Dichlorobenzene	6.739	146	820567	48.111	ng		98
14) 1,2-Dichlorobenzene	6.892	146	774858	49.278	ng		97
15) Benzyl Alcohol	6.875	79	627483	46.423	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1140769	40.545	ng		84
17) 2-Methylphenol	6.992	107	631833	43.108	ng		96
18) Hexachloroethane	7.233	117	283903	47.878	ng		97
19) n-Nitroso-di-n-propyla...	7.151	70	492074	40.394	ng		93
20) 3+4-Methylphenols	7.145	107	754754	43.726	ng	#	84
22) Acetophenone	7.139	105	1047047	45.787	ng		95
24) Nitrobenzene	7.310	77	791434	42.705	ng		98
25) Isophorone	7.551	82	1468550	42.291	ng		99
26) 2-Nitrophenol	7.628	139	438472	49.052	ng		94
27) 2,4-Dimethylphenol	7.675	122	689578	44.989	ng		98
28) bis(2-Chloroethoxy)met...	7.763	93	874249	42.558	ng		99
29) 2,4-Dichlorophenol	7.875	162	643864	46.143	ng		99
30) 1,2,4-Trichlorobenzene	7.951	180	665185	46.015	ng		99
31) Naphthalene	8.033	128	2114626	42.844	ng		99
32) Benzoic acid	7.822	122	412900	43.611	ng		98
33) 4-Chloroaniline	8.080	127	406106	20.365	ng		99
34) Hexachlorobutadiene	8.151	225	356818	44.535	ng		98
35) Caprolactam	8.469	113	231011m	49.282	ng		
36) 4-Chloro-3-methylphenol	8.580	107	693483	46.088	ng		96
37) 2-Methylnaphthalene	8.722	142	1401258	41.527	ng		97
38) 1-Methylnaphthalene	8.822	142	1311886	41.559	ng		100
40) 1,2,4,5-Tetrachloroben...	8.892	216	583898	43.607	ng		99
41) Hexachlorocyclopentadiene	8.874	237	672669	86.140	ng		100
43) 2,4,6-Trichlorophenol	9.004	196	412657	44.563	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.051	196	455811	42.561	ng	97	05/16/2023
46) 1,1'-Biphenyl	9.186	154	1720435	43.567	ng	99	Supervised By :Yogesh Patel
47) 2-Chloronaphthalene	9.210	162	1307062	45.221	ng	99	
48) 2-Nitroaniline	9.310	65	414917	43.435	ng	97	
49) Acenaphthylene	9.627	152	1966861	42.588	ng	99	
50) Dimethylphthalate	9.492	163	1553537	44.739	ng	99	
51) 2,6-Dinitrotoluene	9.557	165	364143	46.592	ng	86	05/16/2023
52) Acenaphthene	9.798	154	1454389m	47.020	ng		
53) 3-Nitroaniline	9.721	138	258689	27.837	ng	100	
54) 2,4-Dinitrophenol	9.839	184	385720	98.185	ng	# 88	
55) Dibenzofuran	9.969	168	1745825	41.377	ng	98	
56) 4-Nitrophenol	9.904	139	570085	79.205	ng	96	
57) 2,4-Dinitrotoluene	9.963	165	448244	44.972	ng	94	
58) Fluorene	10.316	166	1323350	42.809	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.092	232	370346	44.606	ng	97	
60) Diethylphthalate	10.192	149	1424421	43.428	ng	99	
61) 4-Chlorophenyl-phenyle...	10.304	204	635738	42.201	ng	98	
62) 4-Nitroaniline	10.345	138	406432	47.585	ng	98	
63) Azobenzene	10.463	77	1432770	41.236	ng	98	
65) 4,6-Dinitro-2-methylph...	10.374	198	274620	51.570	ng	95	
66) n-Nitrosodiphenylamine	10.427	169	1230469	43.176	ng	100	
67) 4-Bromophenyl-phenylether	10.792	248	412528	43.293	ng	96	
68) Hexachlorobenzene	10.863	284	447444	45.826	ng	99	
69) Atrazine	10.957	200	432346	52.650	ng	99	
70) Pentachlorophenol	11.063	266	487155	70.056	ng	97	
71) Phenanthrene	11.274	178	1997808	42.308	ng	100	
72) Anthracene	11.327	178	2070353	42.842	ng	99	
73) Carbazole	11.480	167	1917172	44.554	ng	99	
74) Di-n-butylphthalate	11.810	149	2260524	46.422	ng	99	
75) Fluoranthene	12.457	202	2030942	42.855	ng	99	
77) Benzidine	12.580	184	1000834	112.478	ng	# 92	
78) Pyrene	12.686	202	2091048	46.359	ng	98	
80) Butylbenzylphthalate	13.309	149	909385	56.940	ng	98	
81) Benzo(a)anthracene	13.874	228	1527312	42.210	ng	100	
82) 3,3'-Dichlorobenzidine	13.839	252	355261	35.541	ng	97	
83) Chrysene	13.915	228	1549372	42.830	ng	100	
84) Bis(2-ethylhexyl)phtha...	13.868	149	1047928	52.275	ng	99	
85) Di-n-octyl phthalate	14.480	149	1684725	51.542	ng	97	
87) Indeno(1,2,3-cd)pyrene	16.698	276	1423397	54.396	ng	99	
88) Benzo(b)fluoranthene	14.903	252	1330524	45.462	ng	98	
89) Benzo(k)fluoranthene	14.933	252	1254390	43.238	ng	99	
90) Benzo(a)pyrene	15.251	252	1128465	42.362	ng	99	
91) Dibenzo(a,h)anthracene	16.709	278	1172682	53.732	ng	99	
92) Benzo(g,h,i)perylene	17.115	276	1202814	55.824	ng	99	

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

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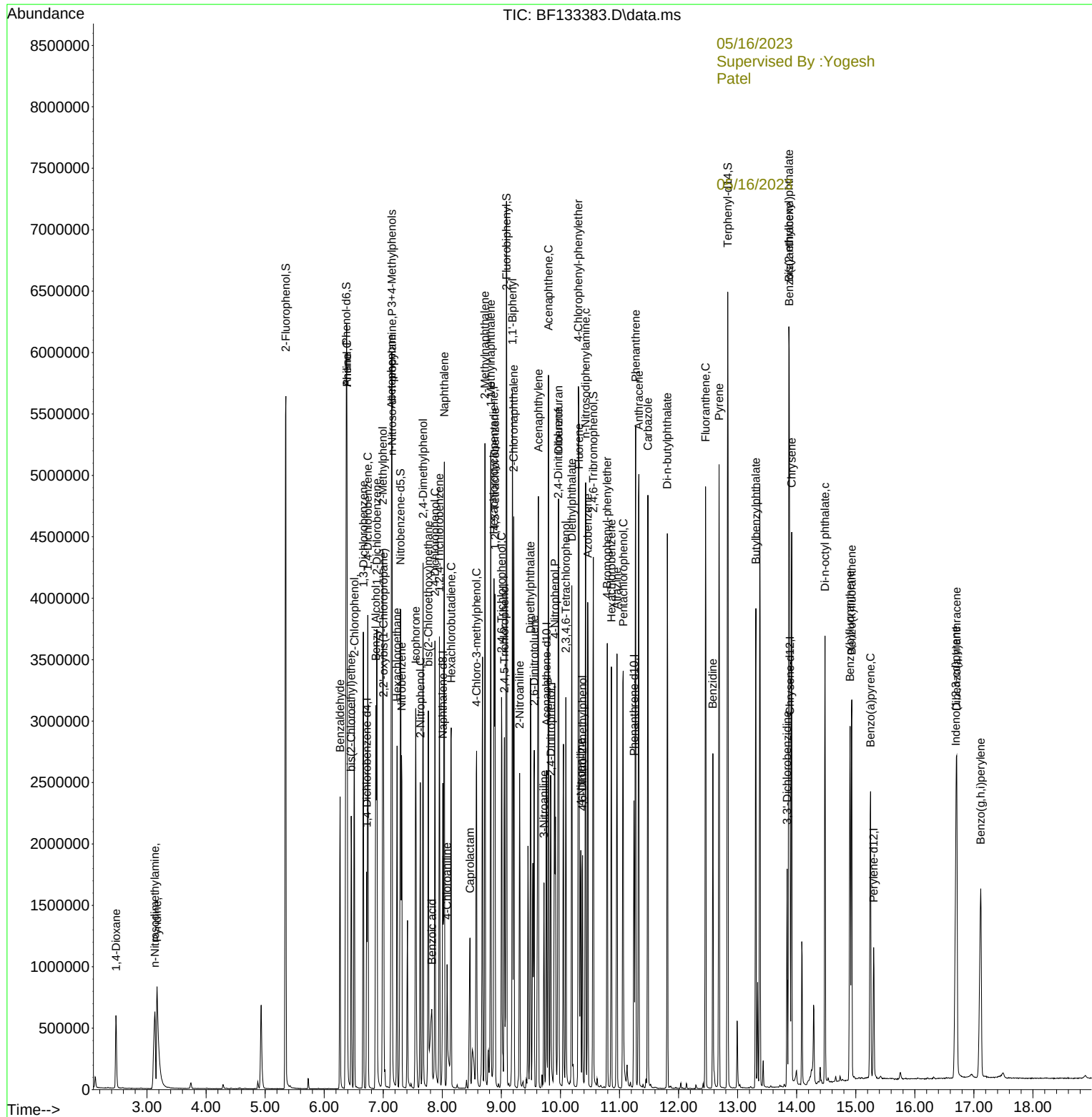
Quant Time: May 15 14:38:38 2023

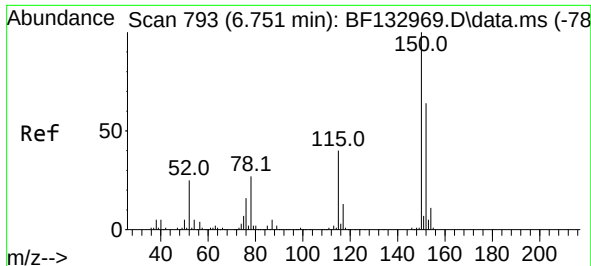
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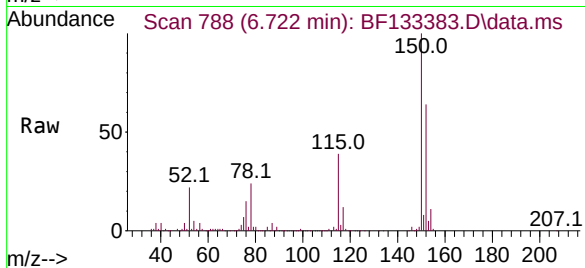
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :

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ClientSampleId :

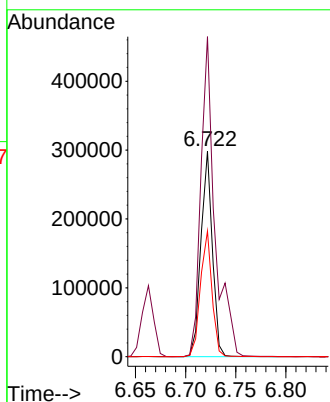
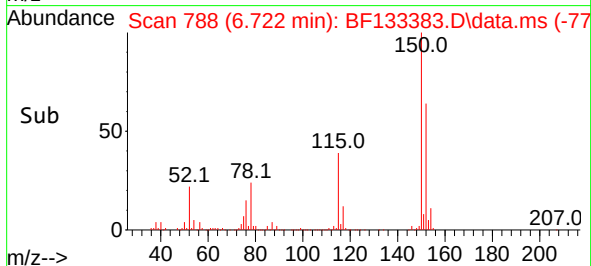
PB152781BS



Tgt Ion:152 Resp: 238149
Ion Ratio Lower Upper
152 100
150 155.7 124.8 187.2
115 61.1 49.9 74.9

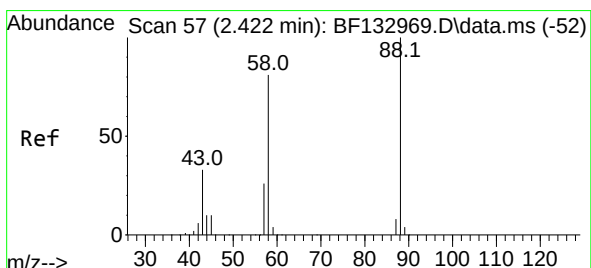
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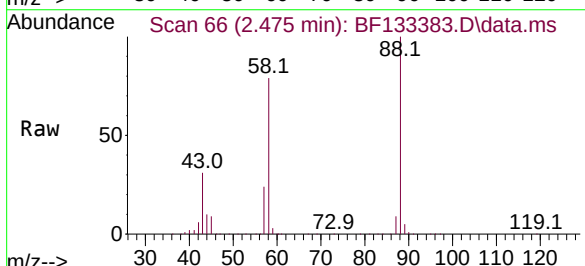


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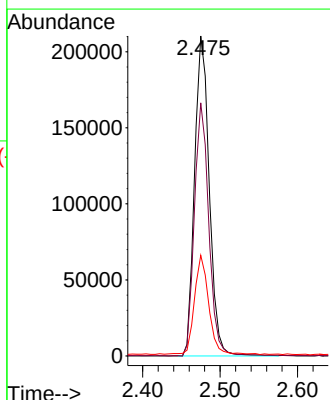
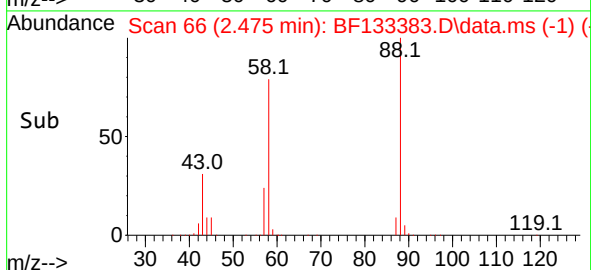
05/16/2023

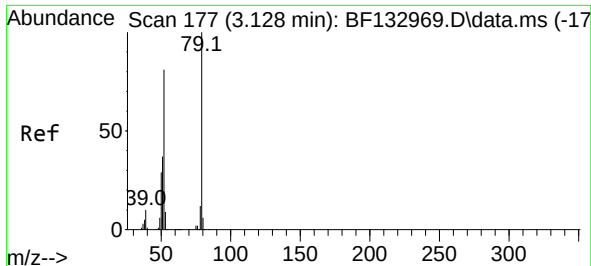


#2
1,4-Dioxane
Concen: 37.949 ng
RT: 2.475 min Scan# 66
Delta R.T. 0.112 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28



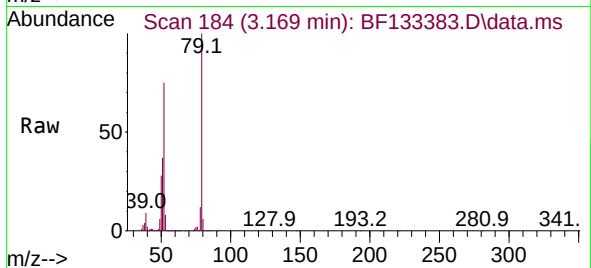
Tgt Ion: 88 Resp: 277499
Ion Ratio Lower Upper
88 100
58 78.0 64.7 97.1
43 30.3 26.2 39.2





#3
Pyridine
Concen: 37.295 ng
RT: 3.169 min Scan# 177
Delta R.T. 0.112 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

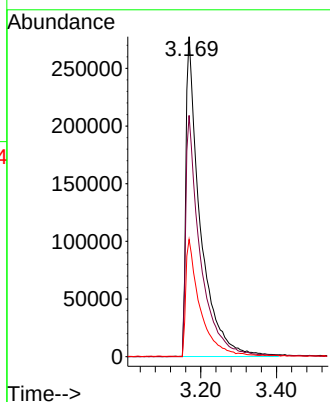
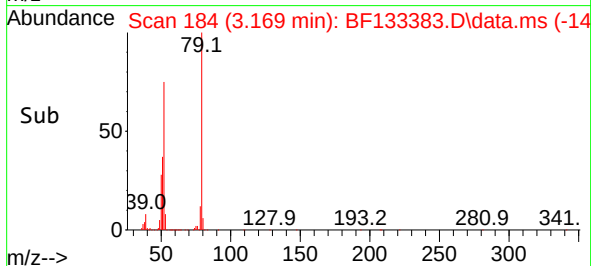
Instrument :
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Tgt Ion: 79 Resp: 724320
Ion Ratio Lower Upper
79 100
52 75.4 64.6 96.8
51 36.7 30.0 45.0

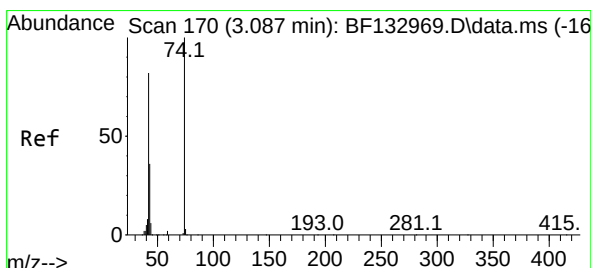
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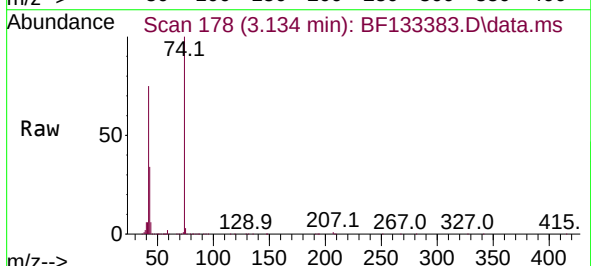


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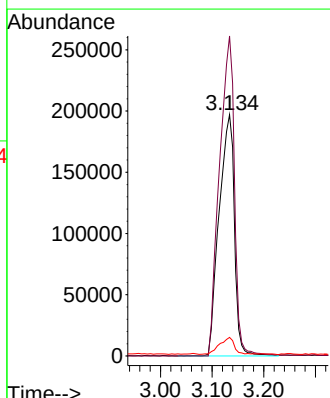
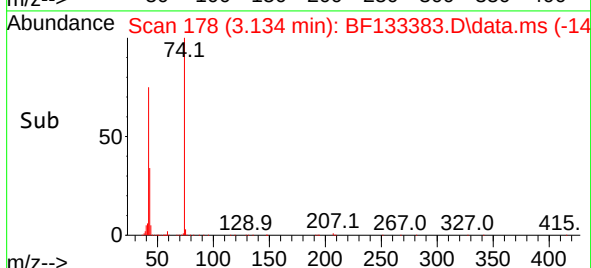
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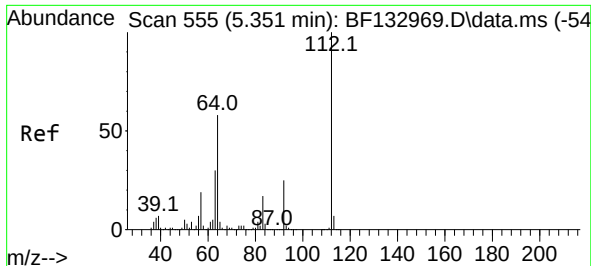


#4
n-Nitrosodimethylamine
Concen: 40.294 ng
RT: 3.134 min Scan# 178
Delta R.T. 0.112 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28



Tgt Ion: 42 Resp: 405348
Ion Ratio Lower Upper
42 100
74 132.6 98.0 147.0
44 7.7 5.8 8.8





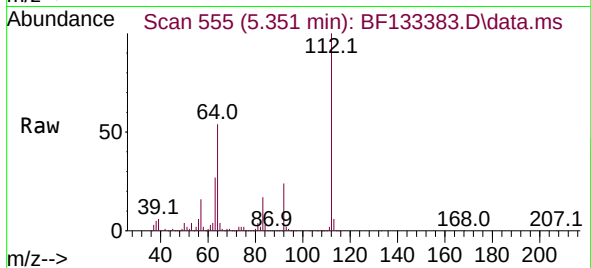
#5
2-Fluorophenol
Concen: 121.743 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.023 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

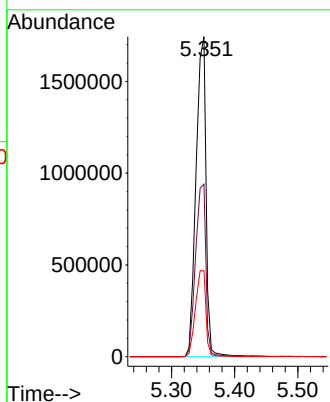
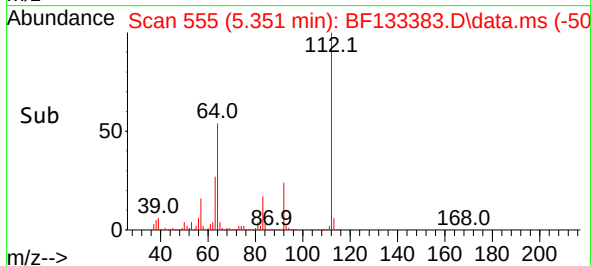
PB152781BS



Tgt Ion:112 Resp: 1919284
Ion Ratio Lower Upper
112 100
64 53.9 46.8 70.2
63 26.8 23.8 35.8

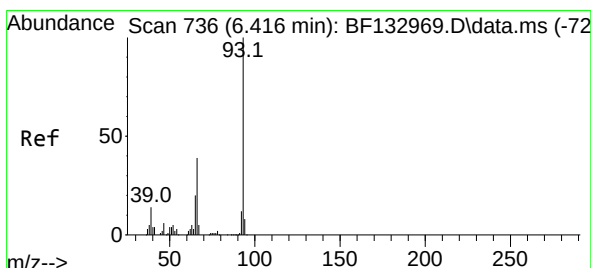
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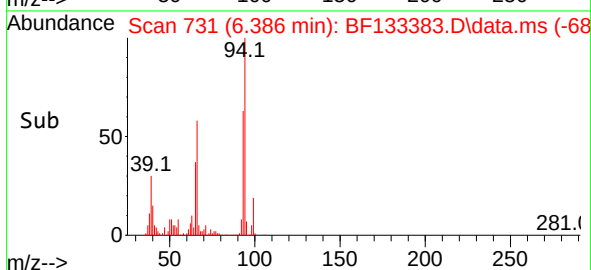
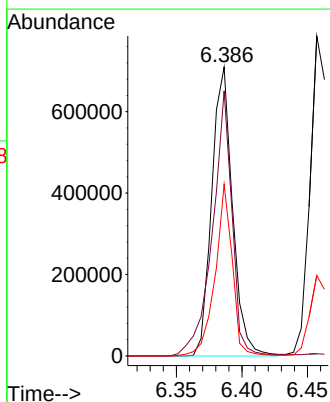
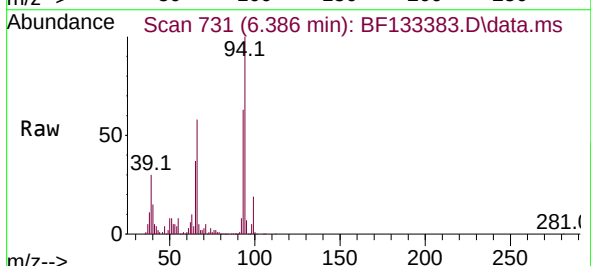
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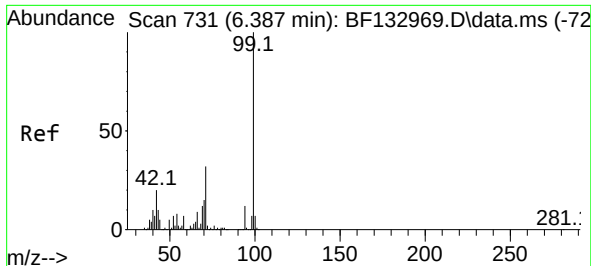
05/16/2023



#6
Aniline
Concen: 31.023 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

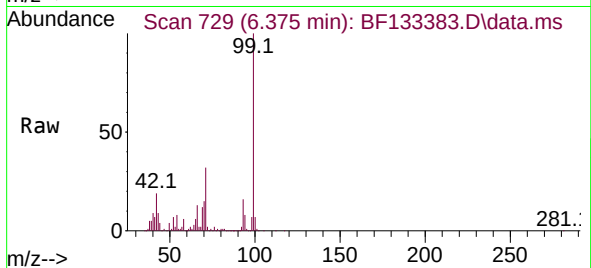
Tgt Ion: 93 Resp: 781867
Ion Ratio Lower Upper
93 100
66 91.8 31.5 47.3#
65 59.4 16.4 24.6#





#7
Phenol-d6
Concen: 117.080 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133383.D
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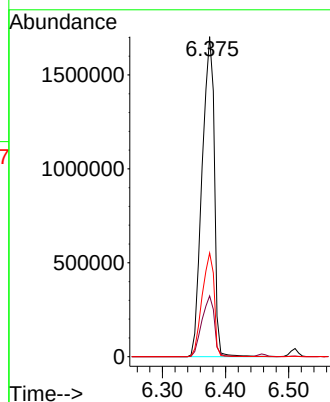
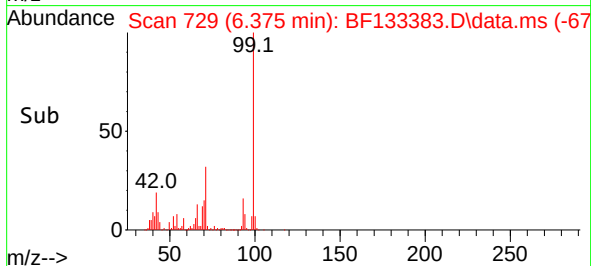
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Tgt Ion: 99 Resp: 229100
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 32.4 25.6 38.4

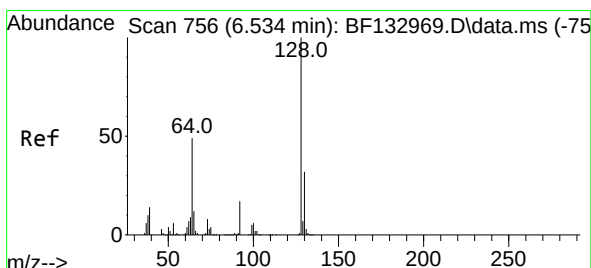
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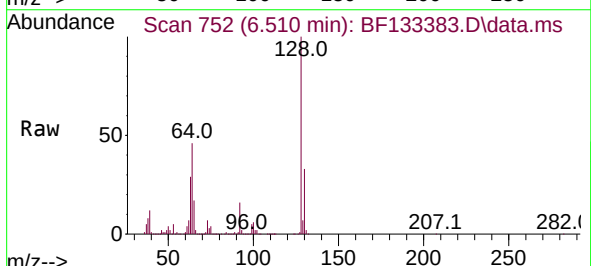


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Supervised By :Yogesh
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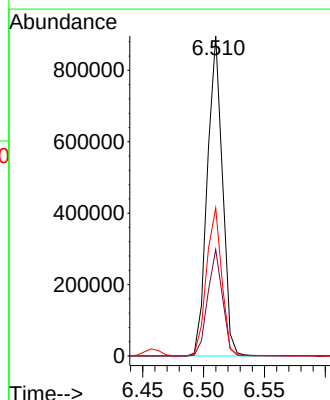
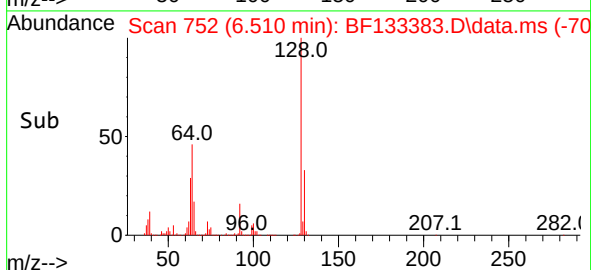
05/16/2023

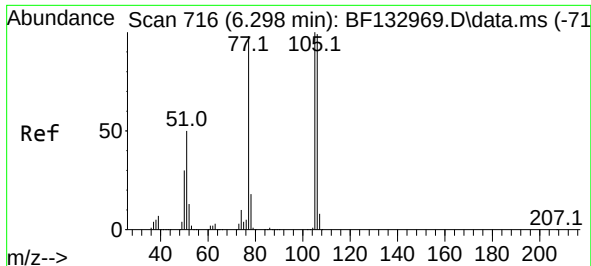


#8
2-Chlorophenol
Concen: 48.276 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF133383.D
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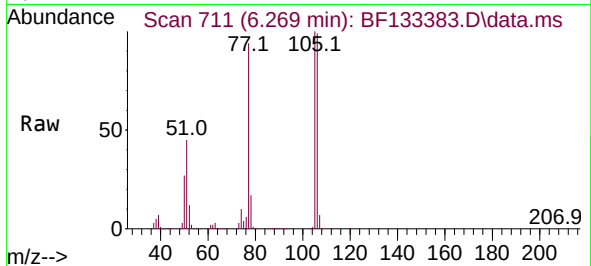
Tgt Ion:128 Resp: 772743
Ion Ratio Lower Upper
128 100
130 33.2 12.2 52.2
64 46.3 30.3 70.3





#9
Benzaldehyde
Concen: 51.909 ng
RT: 6.269 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

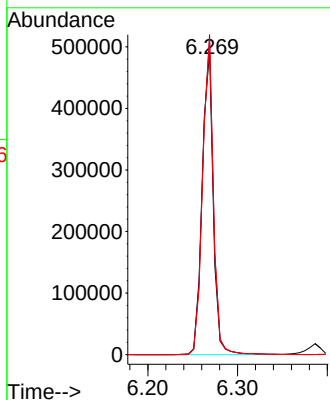
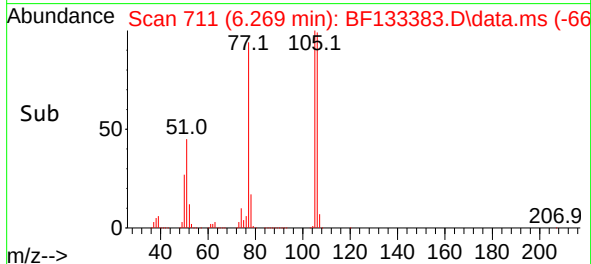
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Tgt Ion: 77 Resp: 42368
Ion Ratio Lower Upper
77 100
105 105.8 82.3 122.3
106 104.3 80.8 120.8

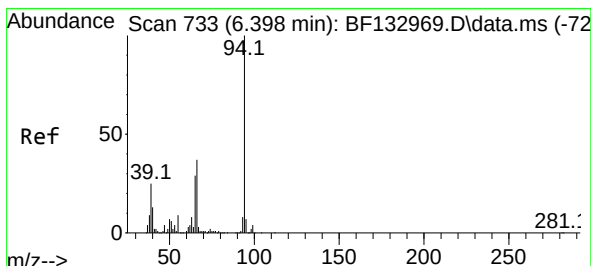
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Reviewed By :Christian
Giraldo

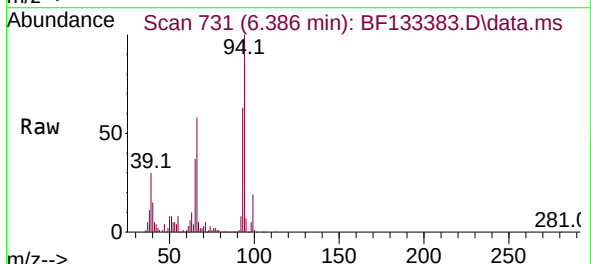


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Supervised By :Yogesh
Patel

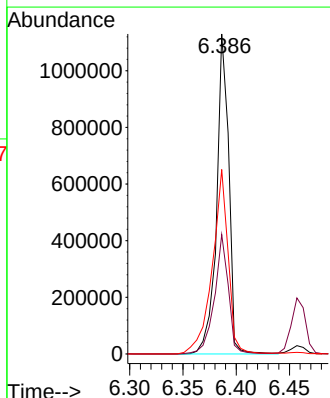
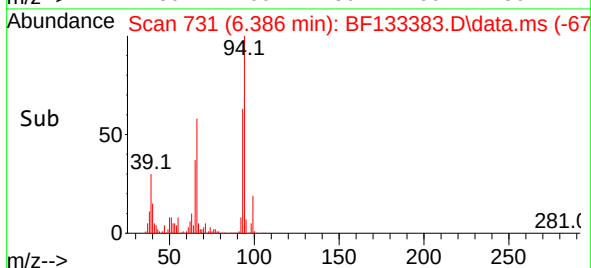
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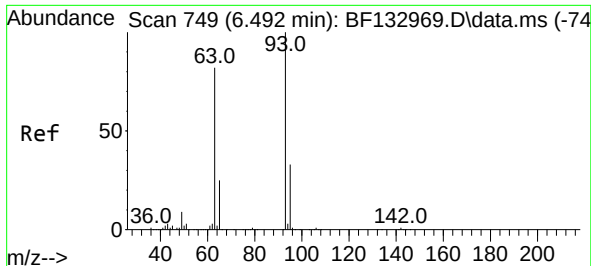


#10
Phenol
Concen: 41.508 ng
RT: 6.386 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28



Tgt Ion: 94 Resp: 896026
Ion Ratio Lower Upper
94 100
65 37.3 8.6 48.6
66 57.6 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 45.378 ng

RT: 6.457 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

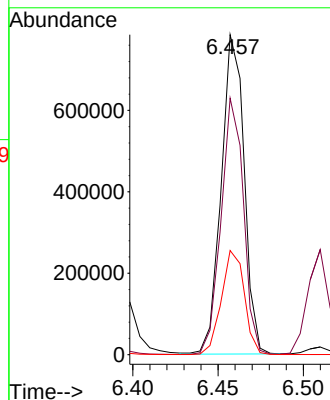
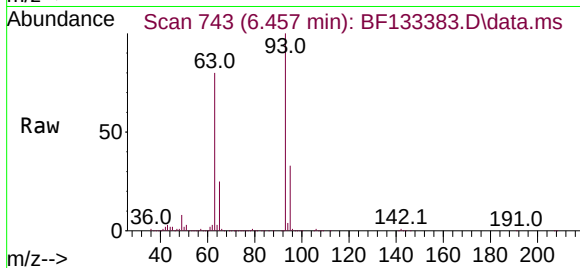
PB152781BS

Tgt Ion: 93 Resp: 73507

Ion	Ratio	Lower	Upper
93	100		
63	80.2	60.6	100.6
95	32.6	12.9	52.9

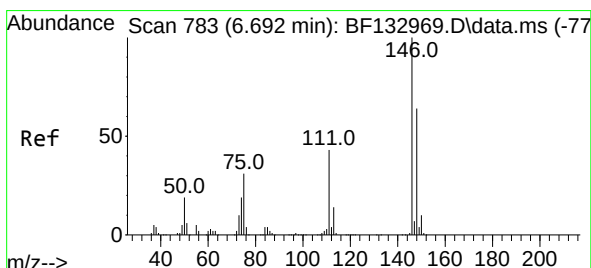
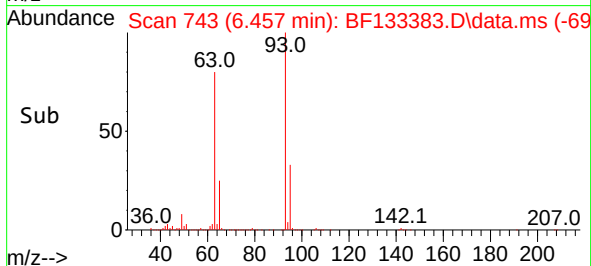
Manual Integrations
APPROVED

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#12

1,3-Dichlorobenzene

Concen: 47.535 ng

RT: 6.663 min Scan# 778

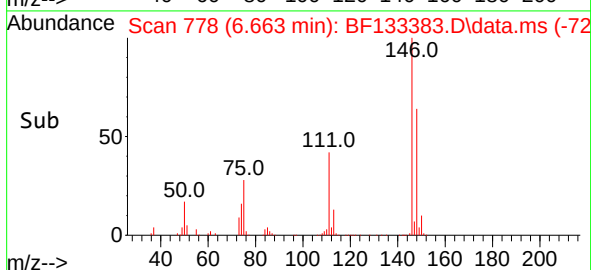
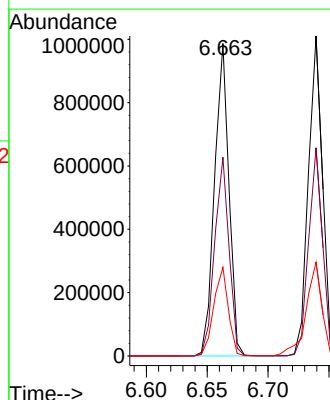
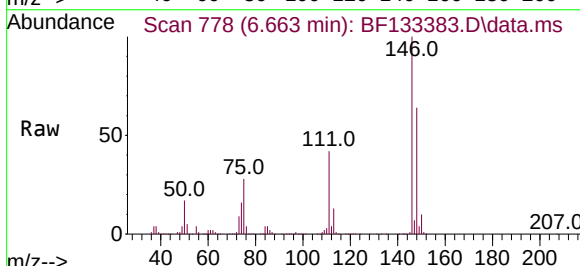
Delta R.T. -0.000 min

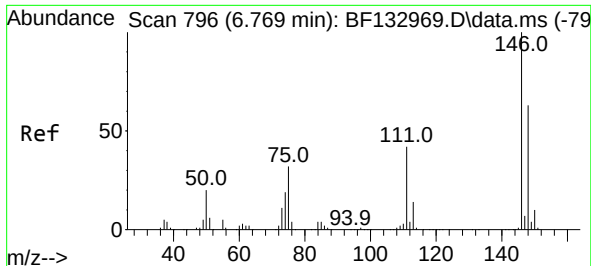
Lab File: BF133383.D

Acq: 15 May 2023 13:28

Tgt Ion:146 Resp: 808957

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.4
75	28.4	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 48.111 ng

RT: 6.739 min Scan# 796

Delta R.T. -0.000 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

Tgt Ion:146 Resp: 82056

Ion Ratio Lower Upper

146 100

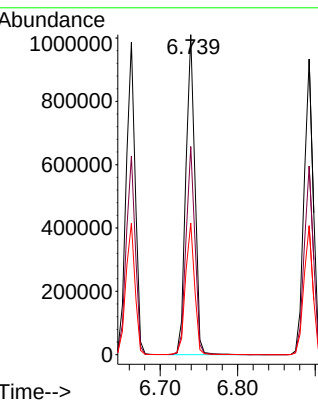
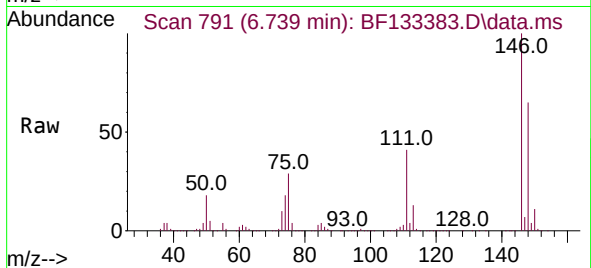
148 65.1 50.3 75.5

111 41.2 33.8 50.6

Manual Integrations

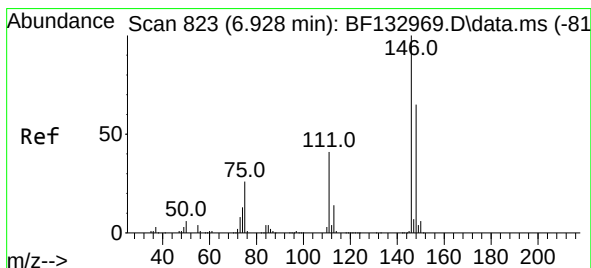
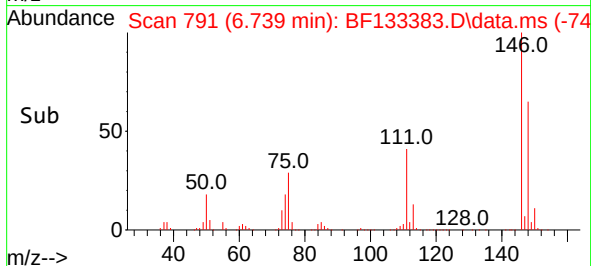
APPROVED

Reviewed By :Christian
Giraldo



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Supervised By :Yogesh
Patel

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#14

1,2-Dichlorobenzene

Concen: 49.278 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.000 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

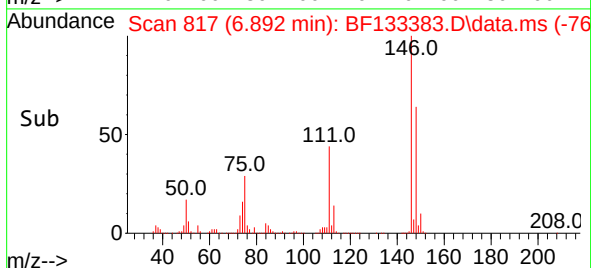
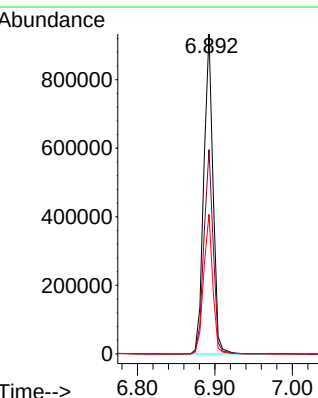
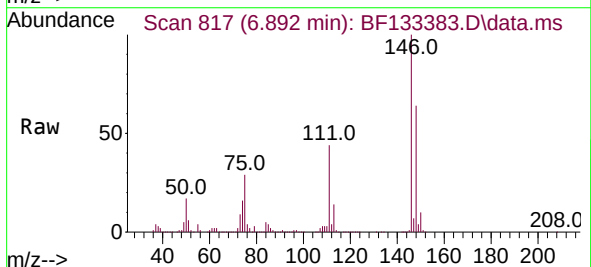
Tgt Ion:146 Resp: 774858

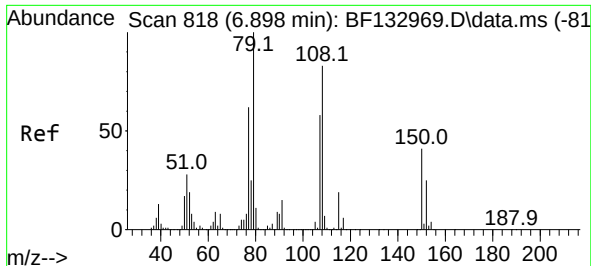
Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

111 43.6 32.8 49.2





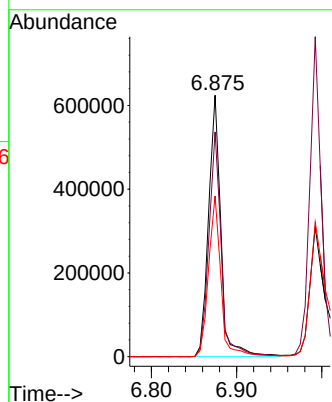
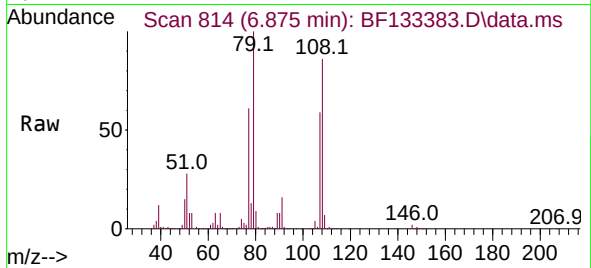
#15
Benzyl Alcohol
Concen: 46.423 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :
BNA_F
ClientSampleId :
PB152781BS

Tgt Ion: 79 Resp: 62748
Ion Ratio Lower Upper
79 100
108 86.0 66.6 99.8
77 61.5 49.2 73.8

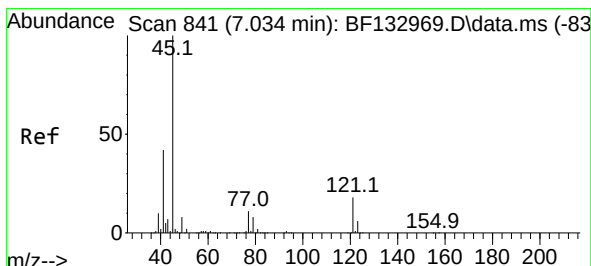
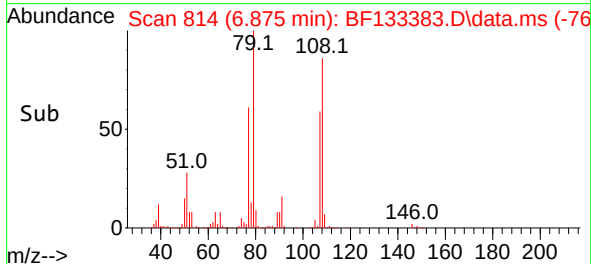
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



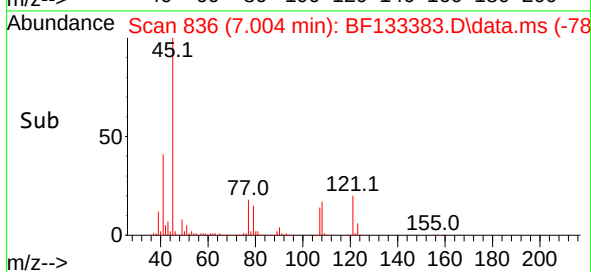
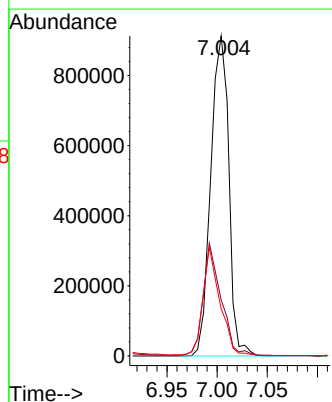
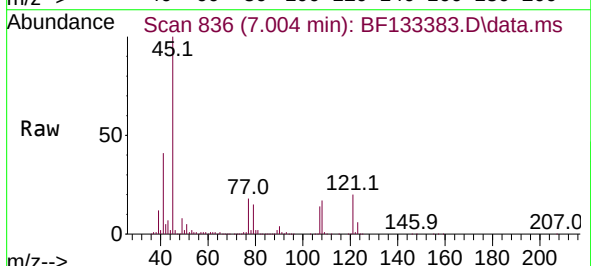
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Supervised By :Yogesh
Patel

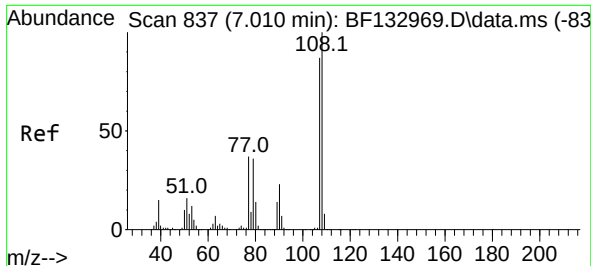
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.545 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion: 45 Resp: 1140769
Ion Ratio Lower Upper
45 100
77 17.5 0.0 31.5
79 14.8 0.0 28.7





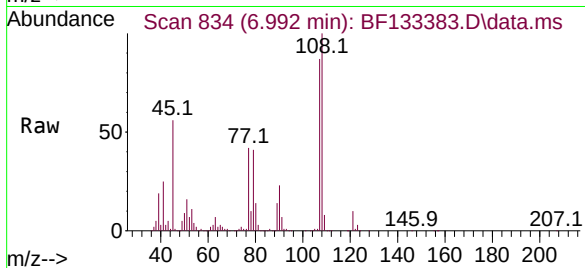
#17
2-Methylphenol
Concen: 43.108 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

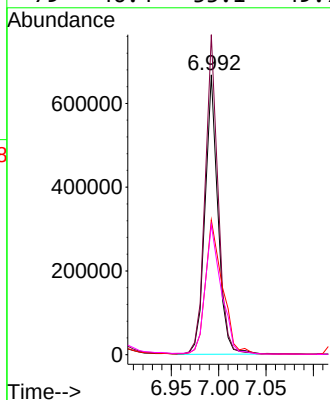
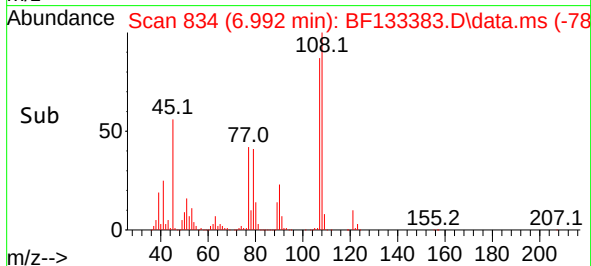
PB152781BS



Tgt Ion:107 Resp: 631833
Ion Ratio Lower Upper
107 100
108 114.4 92.4 138.6
77 48.2 33.8 50.8
79 46.4 33.1 49.7

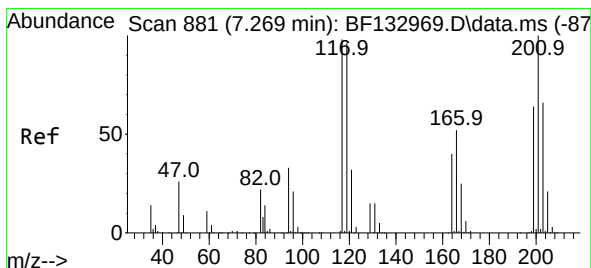
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



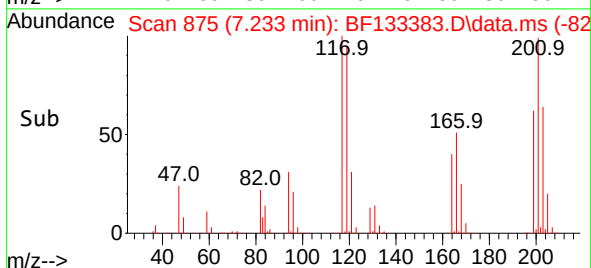
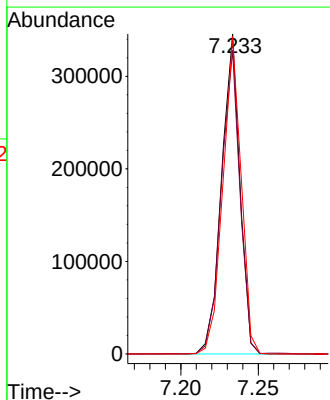
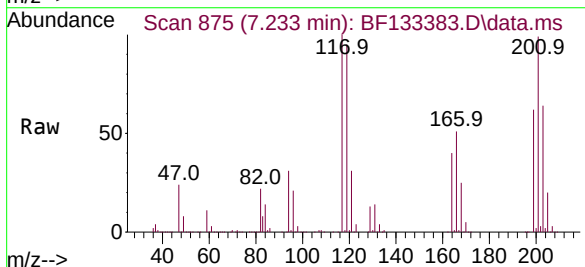
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Patel

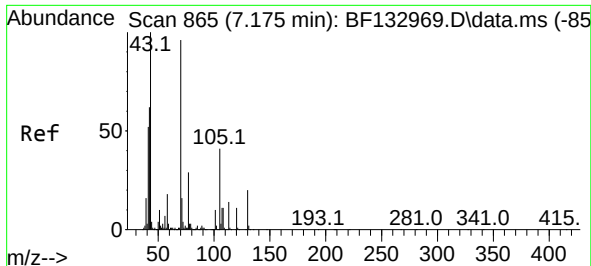
05/16/2023



#18
Hexachloroethane
Concen: 47.878 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:117 Resp: 283903
Ion Ratio Lower Upper
117 100
119 94.9 78.2 117.4
201 99.2 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.394 ng

RT: 7.151 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF133383.D

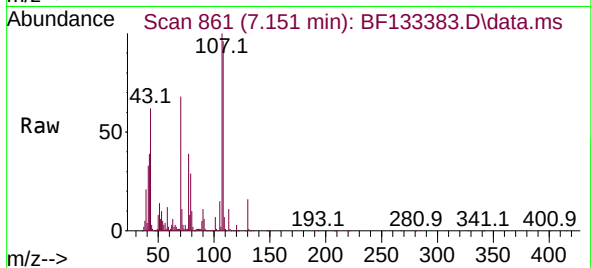
Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS



Tgt Ion: 70 Resp: 492074

Ion Ratio Lower Upper

70 100

42 57.7 51.8 77.6

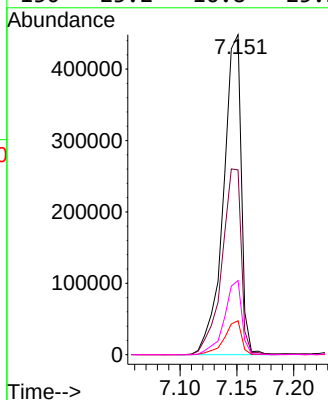
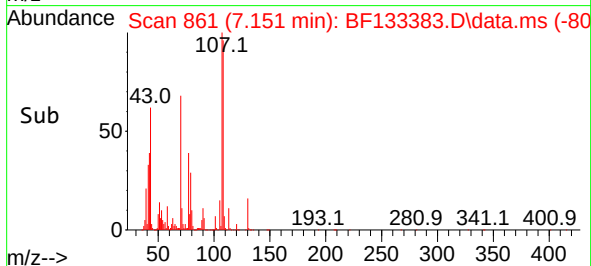
101 10.6 8.0 12.0

130 23.2 16.8 25.2

Manual Integrations

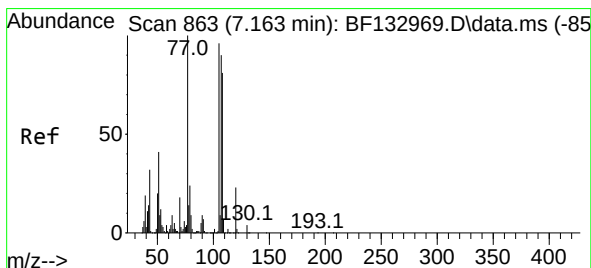
APPROVED

Reviewed By :Christian
Giraldo



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Supervised By :Yogesh
Patel

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#20

3+4-Methylphenols

Concen: 43.726 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.000 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Tgt Ion:107 Resp: 754754

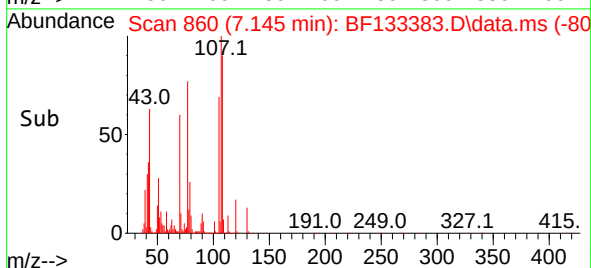
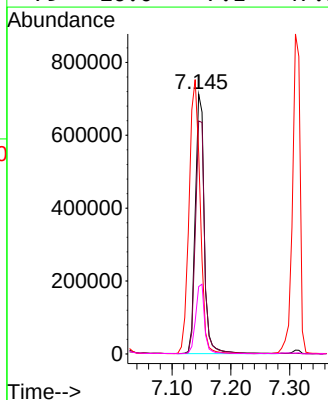
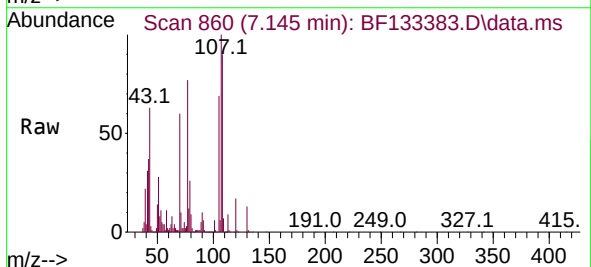
Ion Ratio Lower Upper

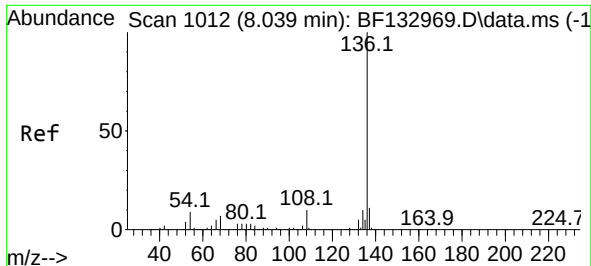
107 100

108 89.7 70.5 110.5

77 77.4 91.7 131.7#

79 26.0 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :

BNA_F

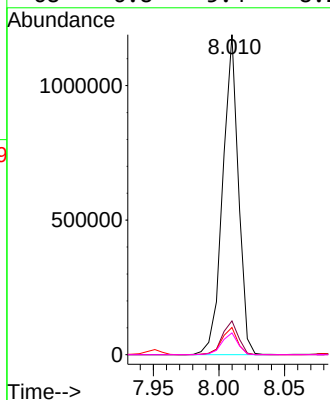
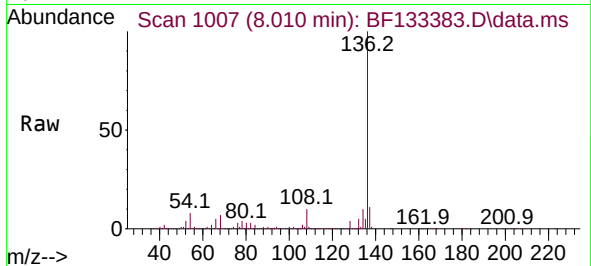
ClientSampleId :

PB152781BS

Tgt Ion:136 Resp: 987184
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.5 7.0 10.4
68 6.8 5.4 8.2

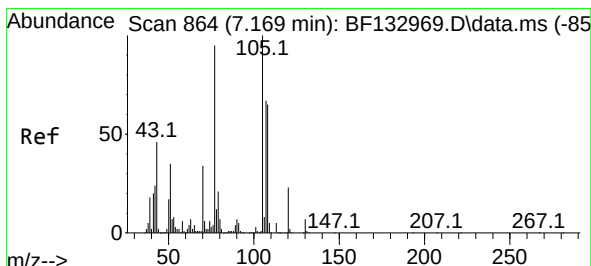
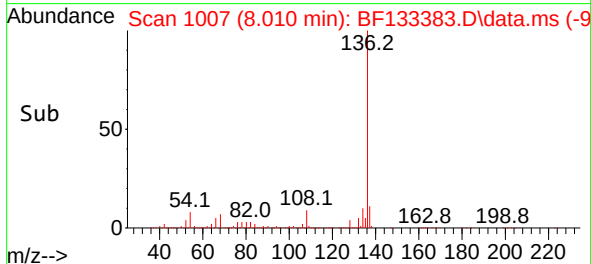
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



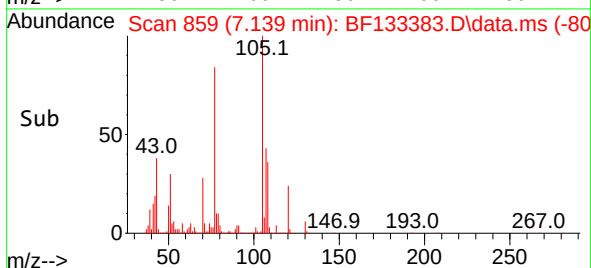
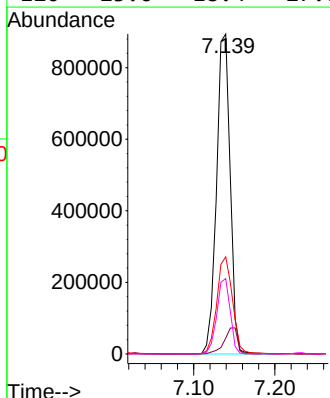
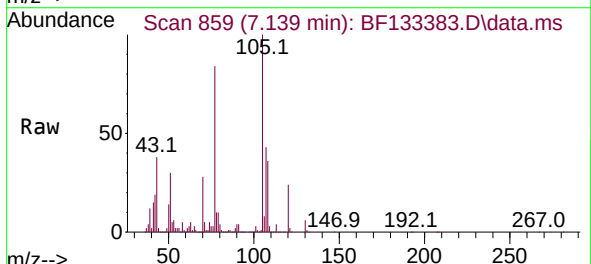
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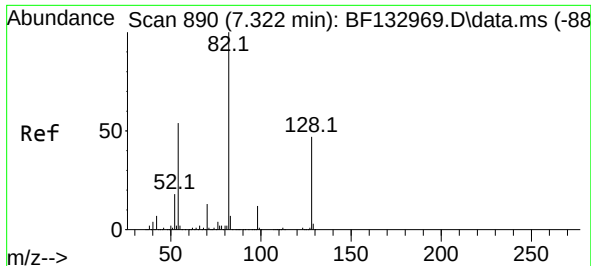
05/16/2023



#22
Acetophenone
Concen: 45.787 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:105 Resp: 1047047
Ion Ratio Lower Upper
105 100
71 4.9 4.6 7.0
51 30.3 28.2 42.2
120 23.6 18.4 27.6





#23

Nitrobenzene-d5

Concen: 81.187 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.000 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

Tgt Ion: 82 Resp: 148483

Ion Ratio Lower Upper

82 100

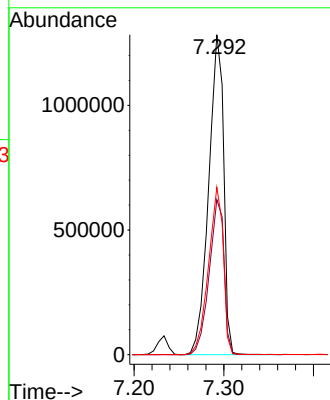
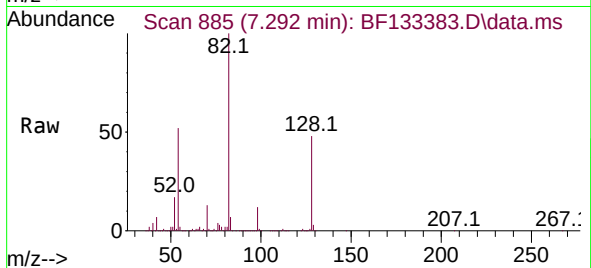
128 48.4 37.7 56.5

54 52.3 43.0 64.4

Manual Integrations

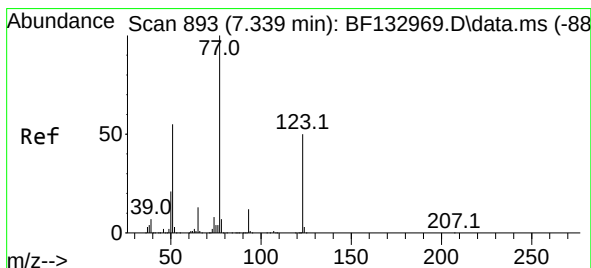
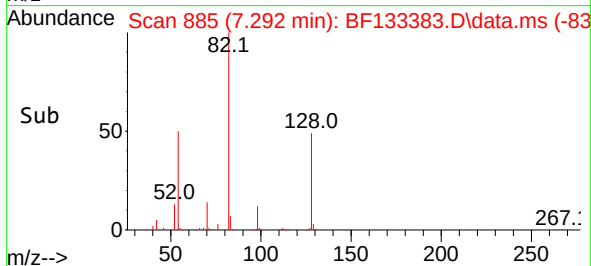
APPROVED

Reviewed By :Christian
Giraldo



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Supervised By :Yogesh
Patel

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#24

Nitrobenzene

Concen: 42.705 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.000 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

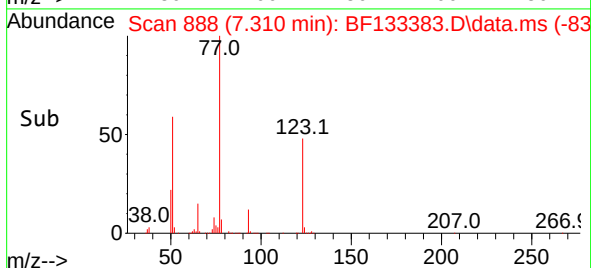
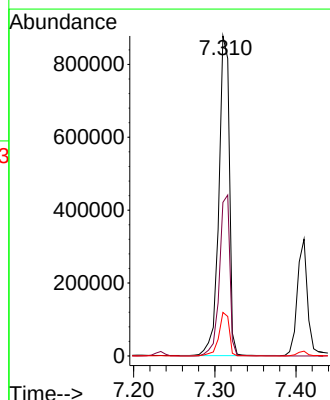
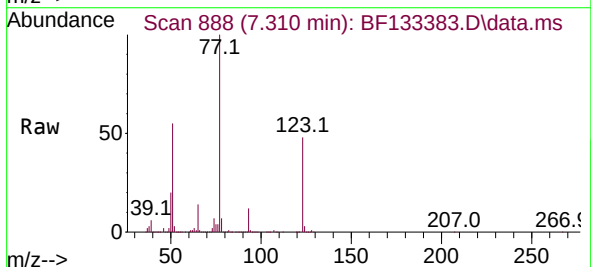
Tgt Ion: 77 Resp: 791434

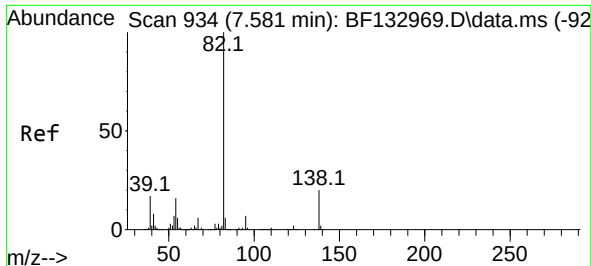
Ion Ratio Lower Upper

77 100

123 48.0 39.9 59.9

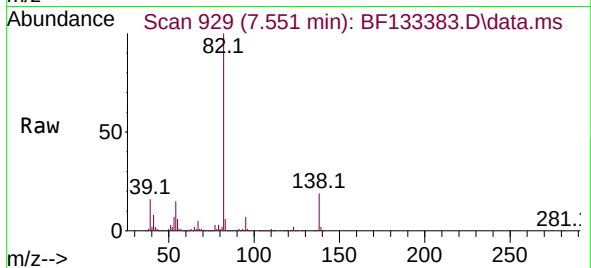
65 13.6 10.7 16.1





#25
Isophorone
Concen: 42.291 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

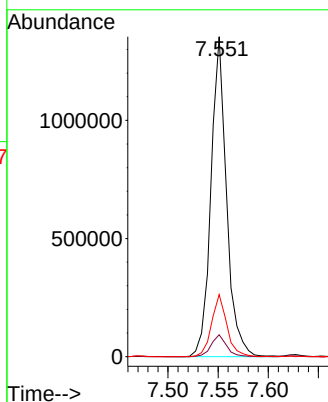
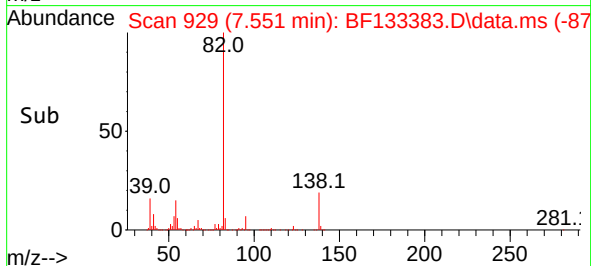
Instrument :
BNA_F
ClientSampleId :
PB152781BS



Tgt Ion: 82 Resp: 1468550
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 19.4 16.0 24.0

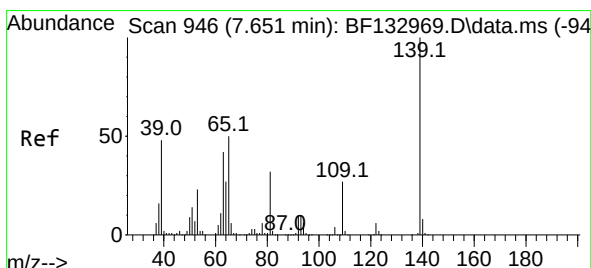
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



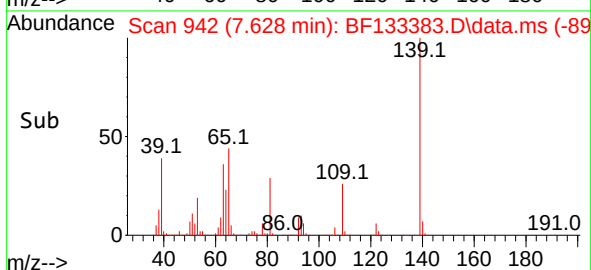
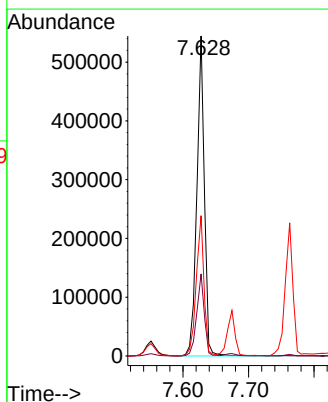
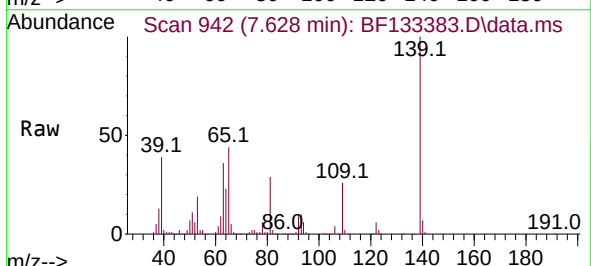
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Supervised By :Yogesh
Patel

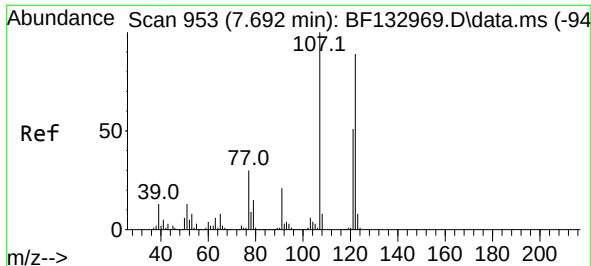
05/16/2023



#26
2-Nitrophenol
Concen: 49.052 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:139 Resp: 438472
Ion Ratio Lower Upper
139 100
109 25.6 21.6 32.4
65 43.8 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.989 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF133383.D

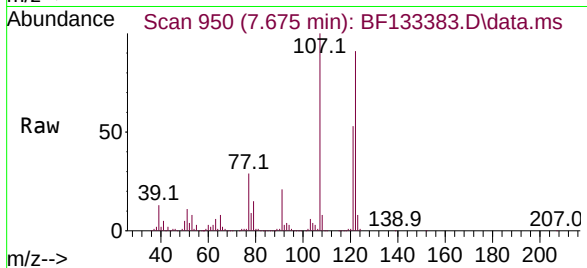
Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

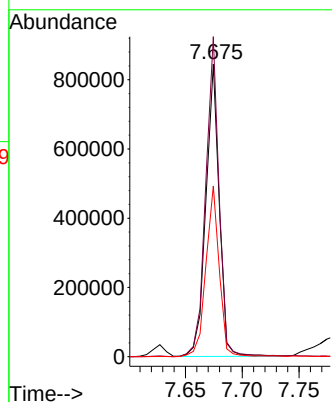
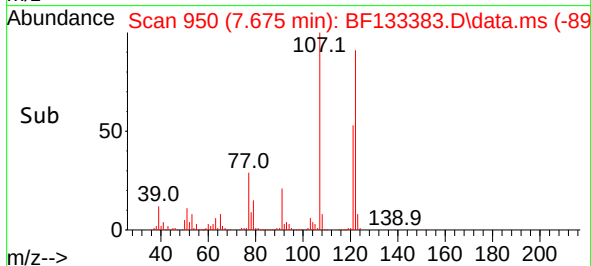
PB152781BS



Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.4	89.7	134.5
121	58.4	46.0	69.0

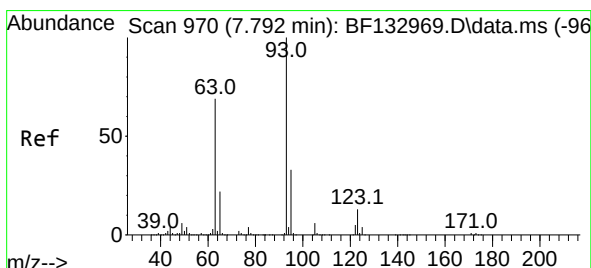
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



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Supervised By :Yogesh
Patel

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#28

bis(2-Chloroethoxy)methane

Concen: 42.558 ng

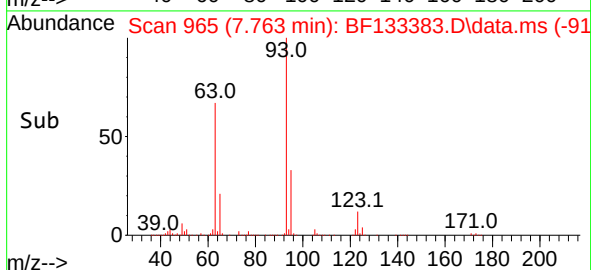
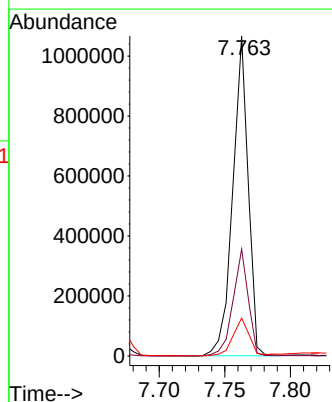
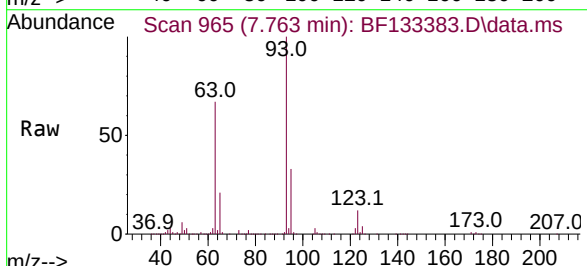
RT: 7.763 min Scan# 965

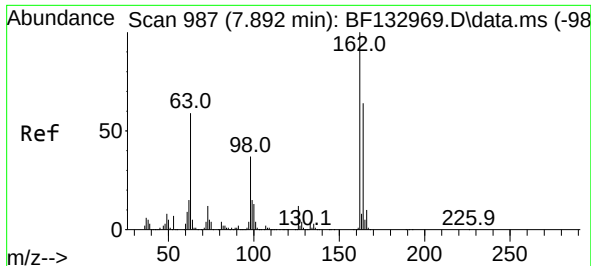
Delta R.T. -0.000 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.4	39.6
123	11.9	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 46.143 ng

RT: 7.875 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

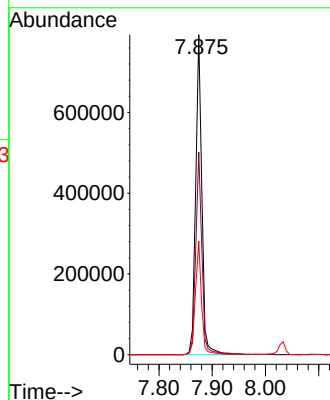
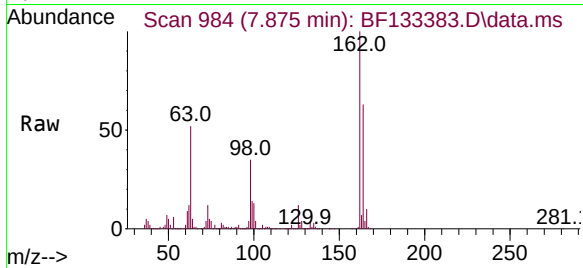
ClientSampleId :

PB152781BS

Tgt Ion:162 Resp: 643864
 Ion Ratio Lower Upper
 162 100
 164 63.3 43.9 83.9
 98 35.4 17.0 57.0

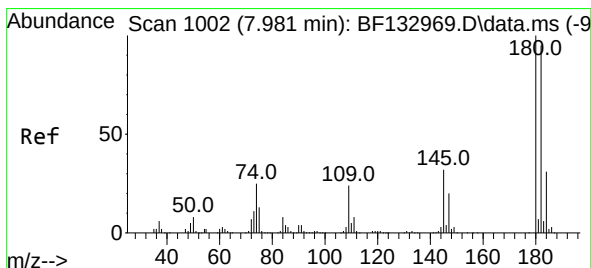
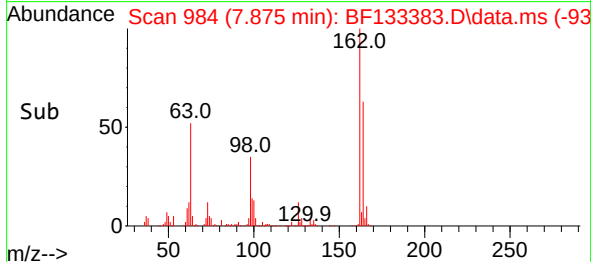
Manual Integrations
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 Giraldo



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 Supervised By :Yogesh
 Patel

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#30

1,2,4-Trichlorobenzene

Concen: 46.015 ng

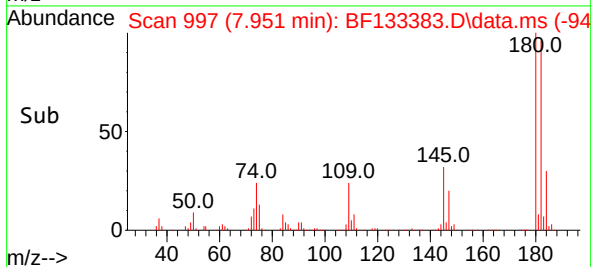
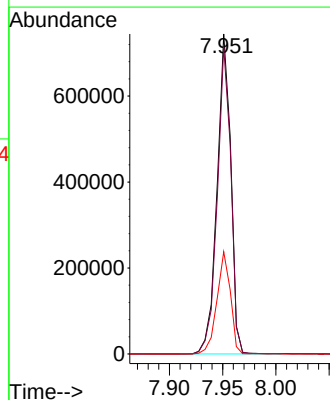
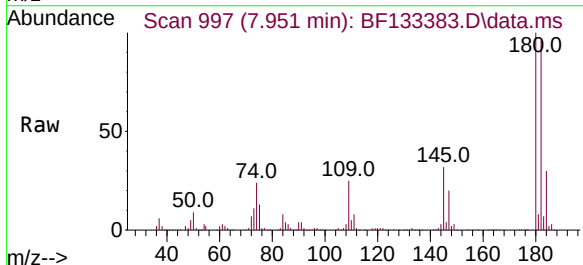
RT: 7.951 min Scan# 997

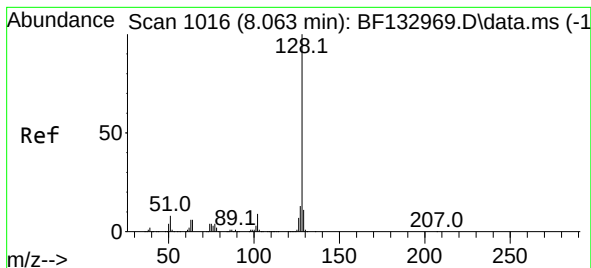
Delta R.T. -0.000 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Tgt Ion:180 Resp: 665185
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.9 113.9
 145 31.9 25.3 37.9





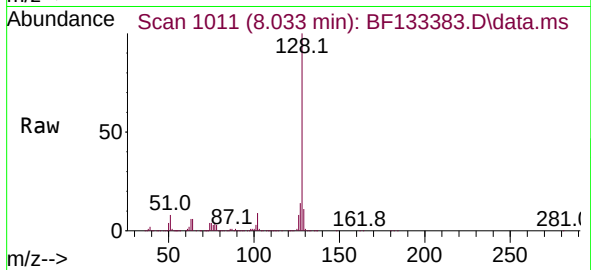
#31
Naphthalene
Concen: 42.844 ng
RT: 8.033 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

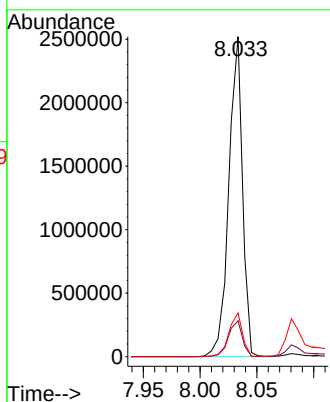
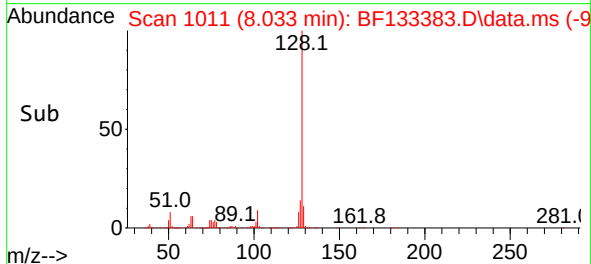
PB152781BS



Tgt Ion:128 Resp: 2114620
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.7 10.7 16.1

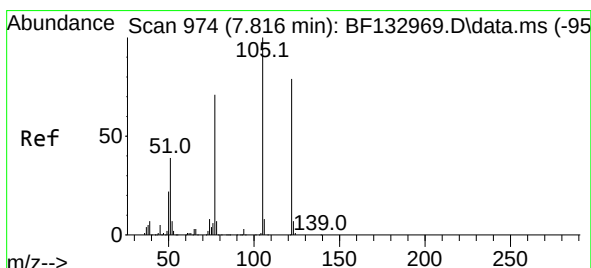
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



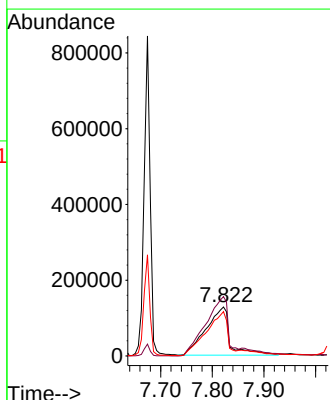
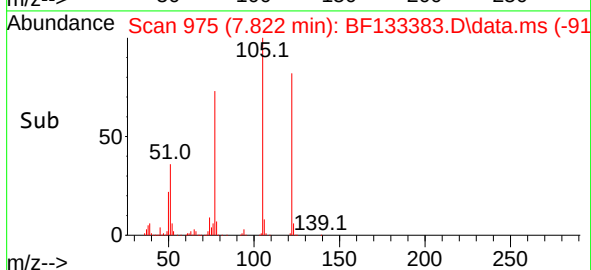
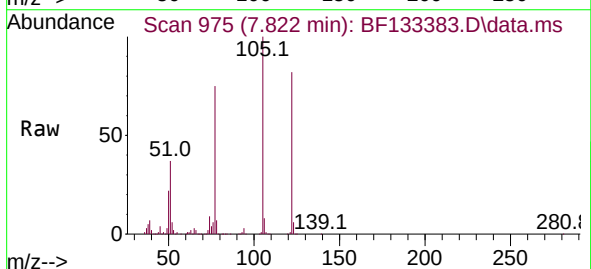
05/16/2023
Supervised By :Yogesh
Patel

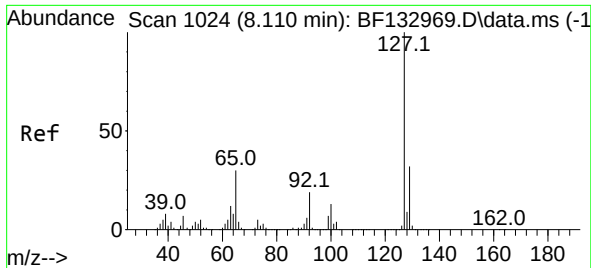
05/16/2023



#32
Benzoic acid
Concen: 43.611 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.029 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:122 Resp: 412900
Ion Ratio Lower Upper
122 100
105 121.5 104.2 144.2
77 90.8 69.7 109.7





#33
4-Chloroaniline
Concen: 20.365 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :

BNA_F

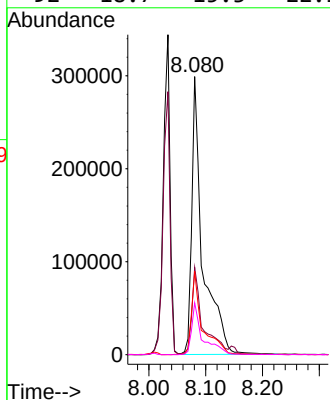
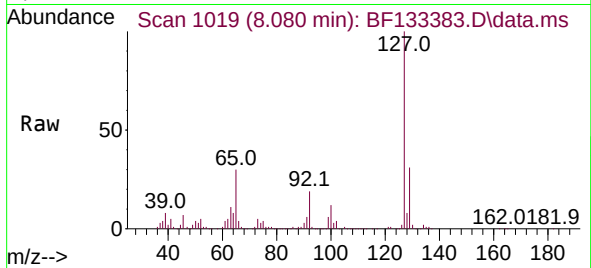
ClientSampleId :

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Tgt Ion:127 Resp: 406100
Ion Ratio Lower Upper
127 100
129 31.4 25.8 38.8
65 30.0 23.6 35.4
92 18.7 15.3 22.9

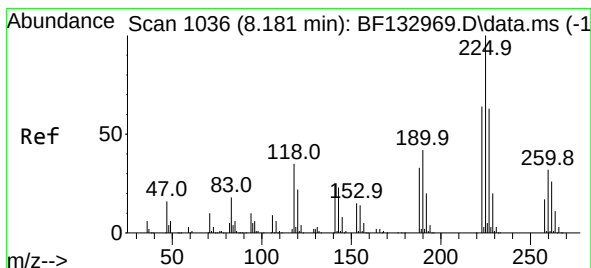
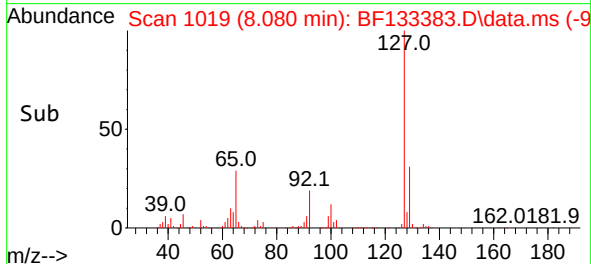
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Reviewed By :Christian
Giraldo



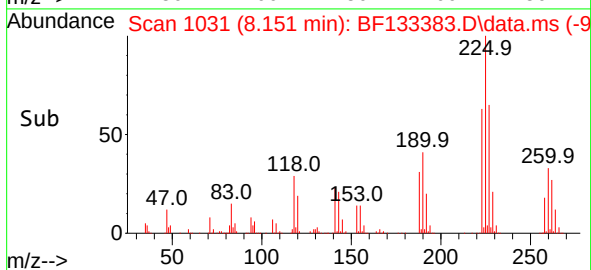
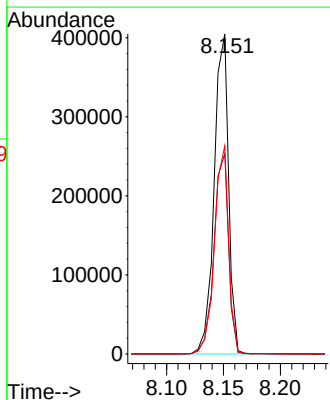
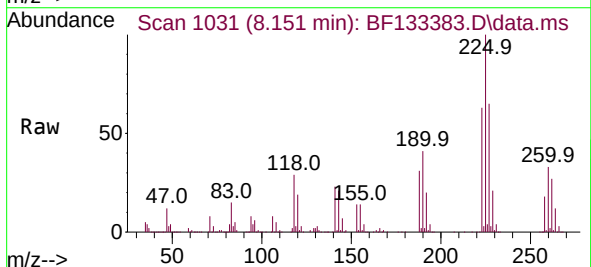
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Supervised By :Yogesh
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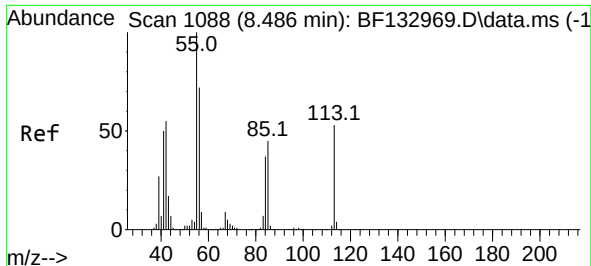
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#34
Hexachlorobutadiene
Concen: 44.535 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

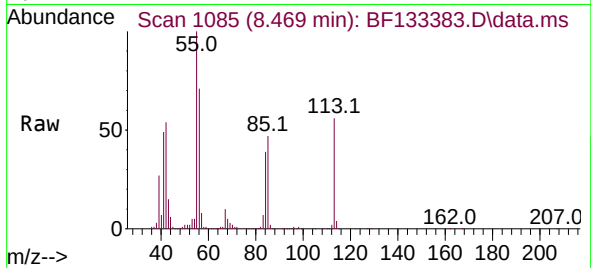
Tgt Ion:225 Resp: 356818
Ion Ratio Lower Upper
225 100
223 62.5 50.9 76.3
227 65.0 50.3 75.5





#35
 Caprolactam
 Concen: 49.282 ng m
 RT: 8.469 min Scan# 1088
 Delta R.T. 0.012 min
 Lab File: BF133383.D
 Acq: 15 May 2023 13:28

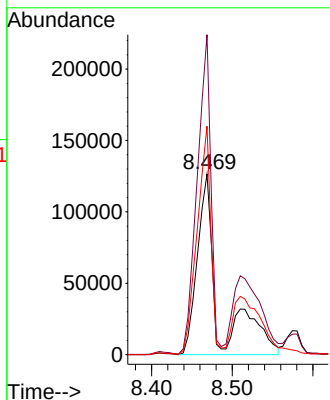
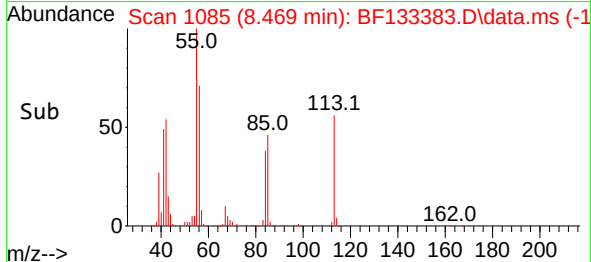
Instrument :
 BNA_F
 ClientSampleId :
 PB152781BS



Tgt Ion:113 Resp: 23101
 Ion Ratio Lower Upper
 113 100
 55 177.1 167.1 207.1
 56 126.4 114.5 154.5

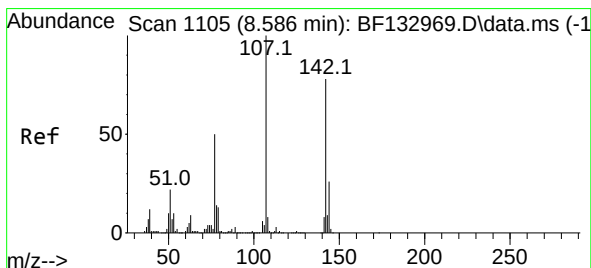
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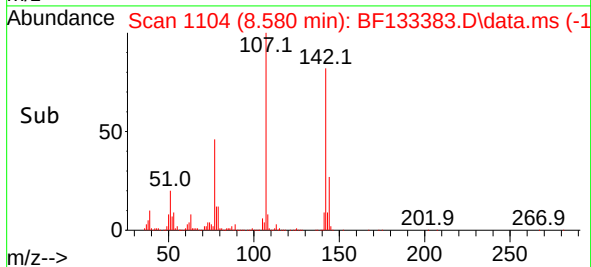
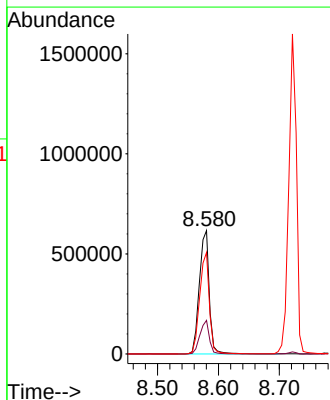
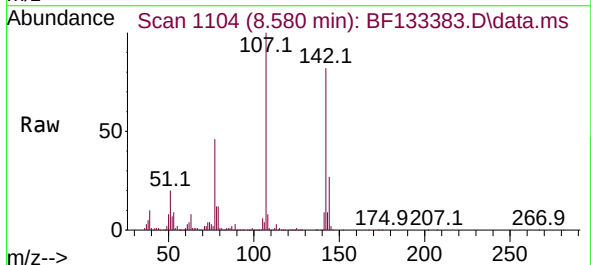
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 Supervised By :Yogesh
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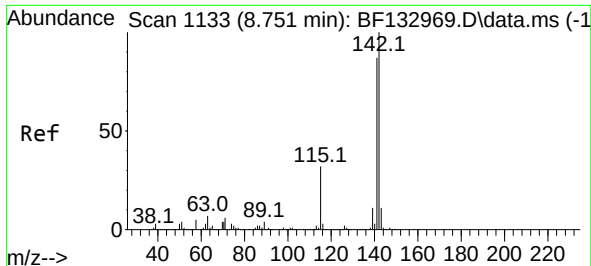
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#36
 4-Chloro-3-methylphenol
 Concen: 46.088 ng
 RT: 8.580 min Scan# 1104
 Delta R.T. 0.012 min
 Lab File: BF133383.D
 Acq: 15 May 2023 13:28

Tgt Ion:107 Resp: 693483
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.6 30.8
 142 82.2 62.8 94.2





#37

2-Methylnaphthalene

Concen: 41.527 ng

RT: 8.722 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

Tgt Ion:142 Resp: 1401258

Ion Ratio Lower Upper

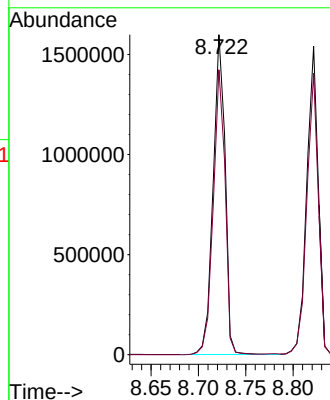
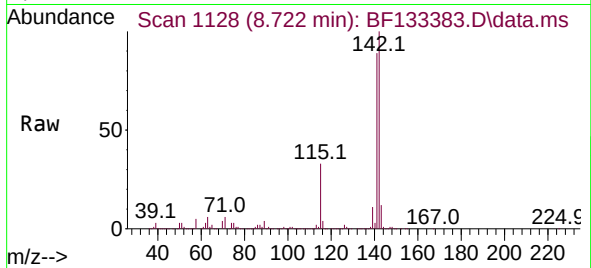
142 100

141 89.0 69.4 104.0

Manual Integrations

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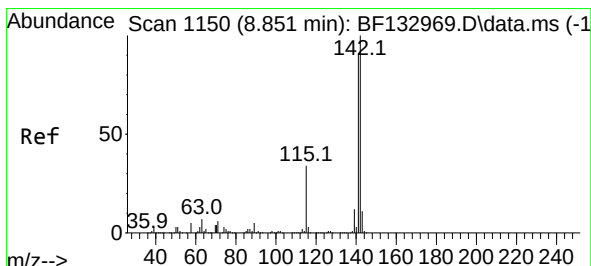
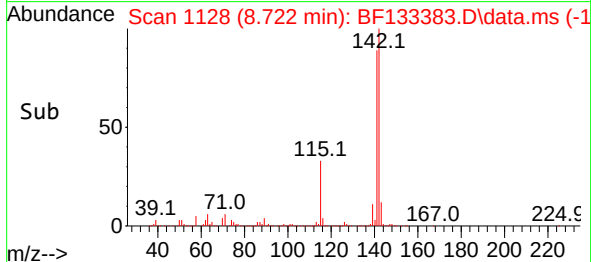
Reviewed By :Christian
Giraldo



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Patel

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#38

1-Methylnaphthalene

Concen: 41.559 ng

RT: 8.822 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BF133383.D

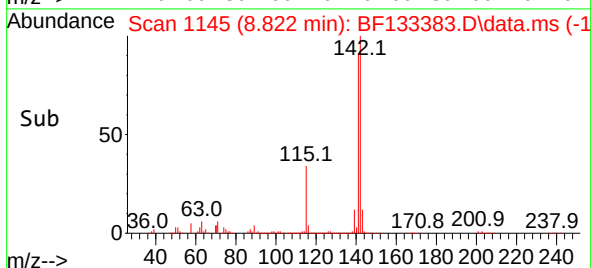
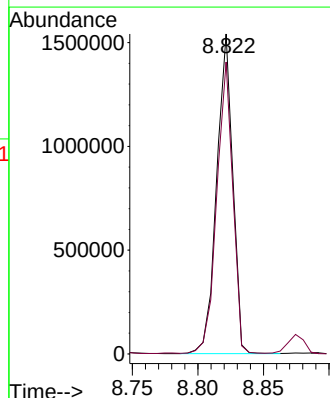
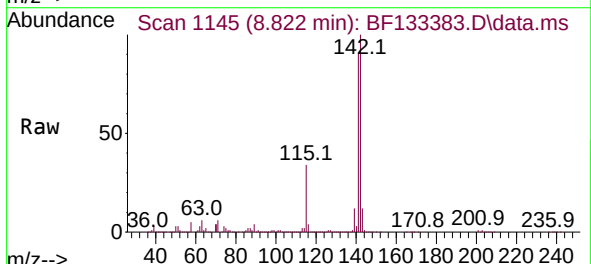
Acq: 15 May 2023 13:28

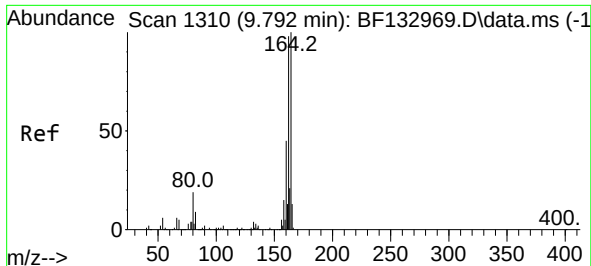
Tgt Ion:142 Resp: 1311886

Ion Ratio Lower Upper

142 100

141 91.3 73.1 109.7





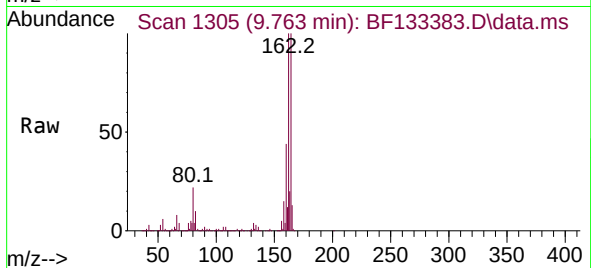
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

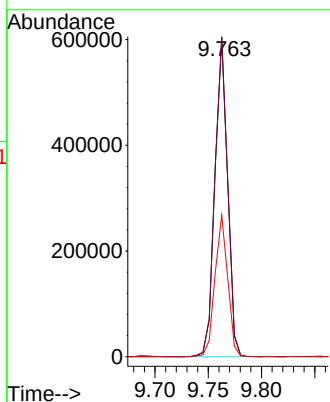
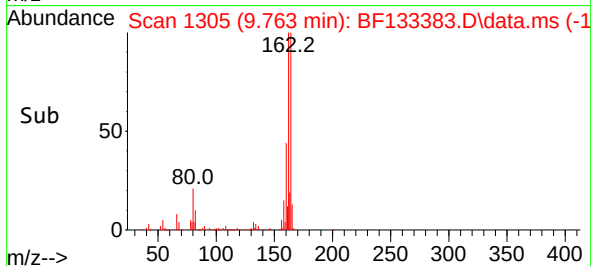
PB152781BS



Tgt Ion:164 Resp: 498000
Ion Ratio Lower Upper
164 100
162 100.3 78.7 118.1
160 44.3 35.8 53.6

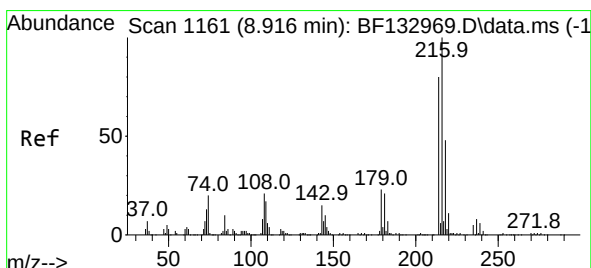
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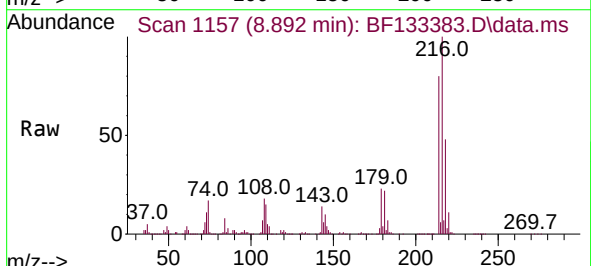


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Supervised By :Yogesh
Patel

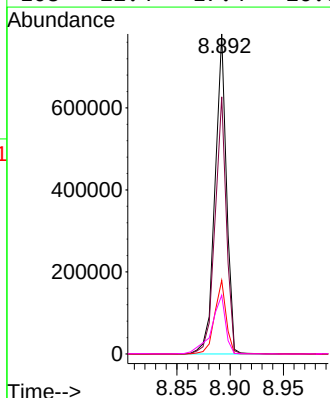
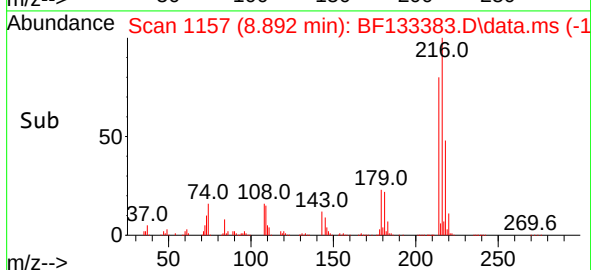
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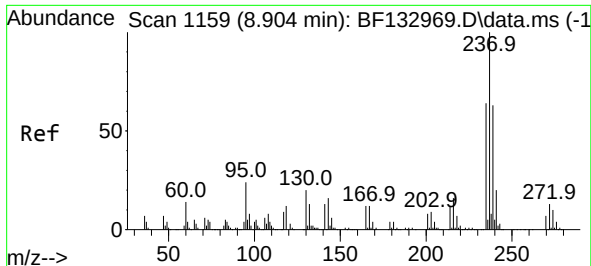


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.607 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28



Tgt Ion:216 Resp: 583898
Ion Ratio Lower Upper
216 100
214 79.2 63.5 95.3
179 22.9 17.4 26.2
108 22.4 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 86.140 ng
RT: 8.874 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :

BNA_F

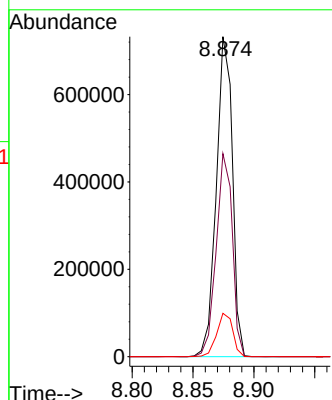
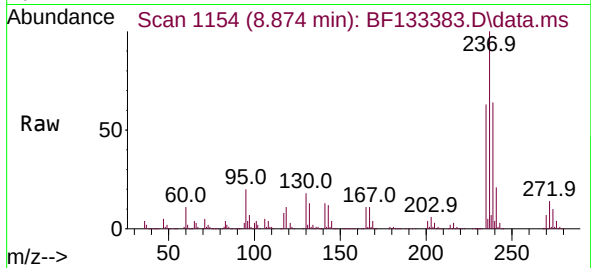
ClientSampleId :

PB152781BS

Tgt Ion:237 Resp: 672669
Ion Ratio Lower Upper
237 100
235 63.4 43.5 83.5
272 13.5 0.0 32.7

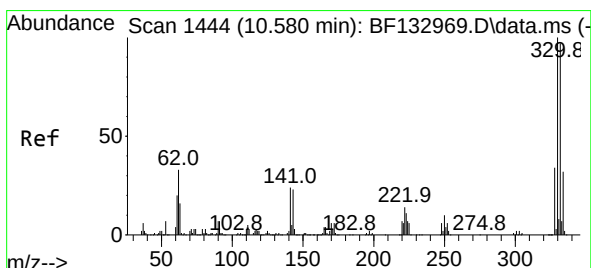
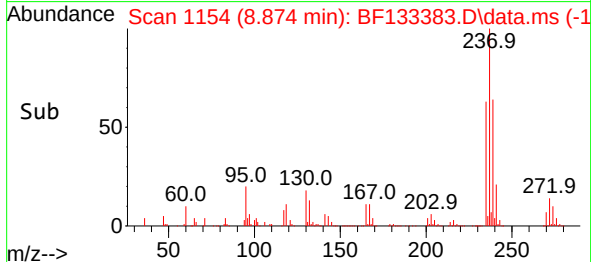
Manual Integrations
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Reviewed By :Christian
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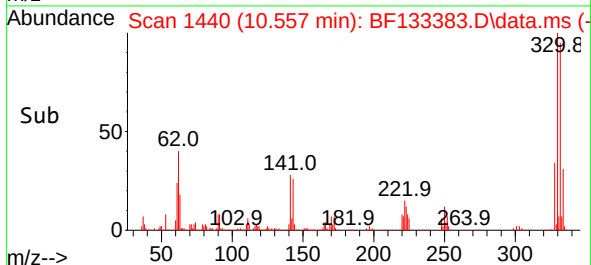
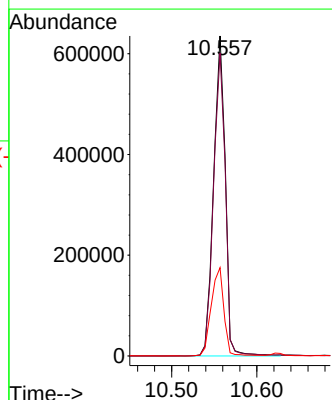
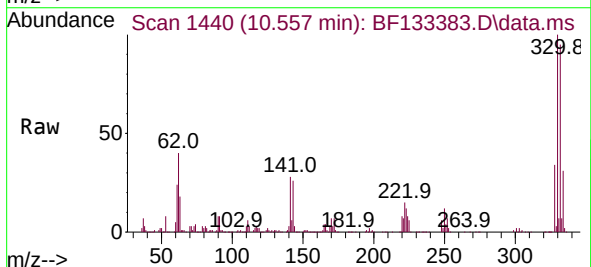
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Supervised By :Yogesh
Patel

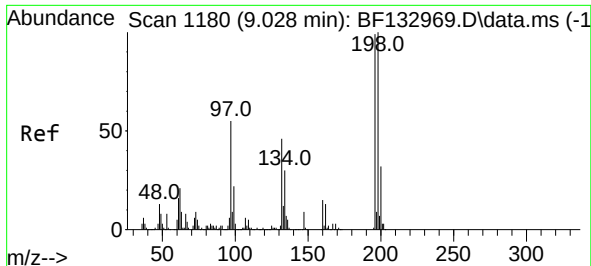
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#42
2,4,6-Tribromophenol
Concen: 120.889 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:330 Resp: 605457
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 30.0 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 44.563 ng
RT: 9.004 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :

BNA_F

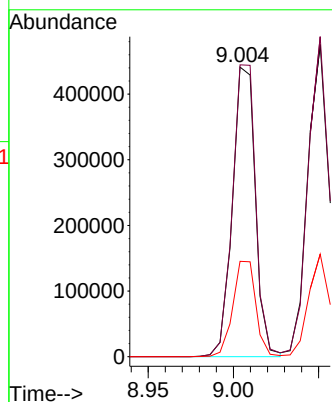
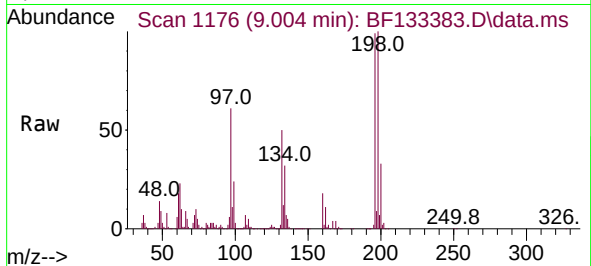
ClientSampleId :

PB152781BS

Tgt Ion:196 Resp: 41265
Ion Ratio Lower Upper
196 100
198 100.8 81.0 121.6
200 32.9 26.1 39.1

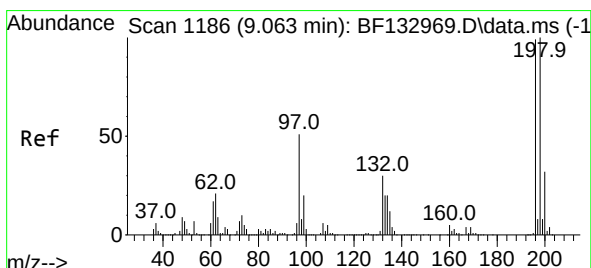
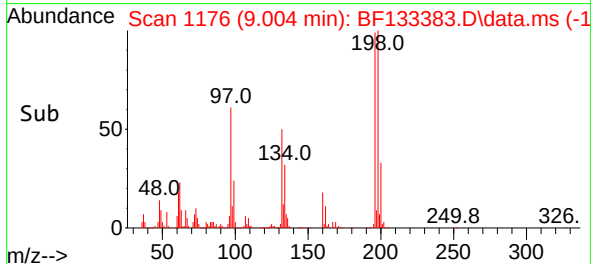
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



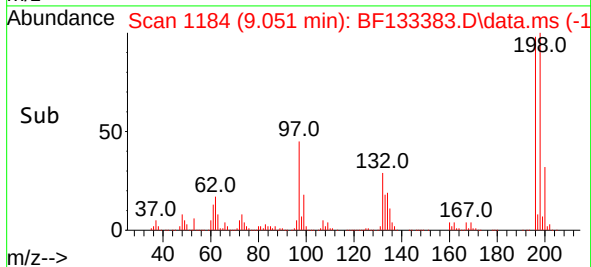
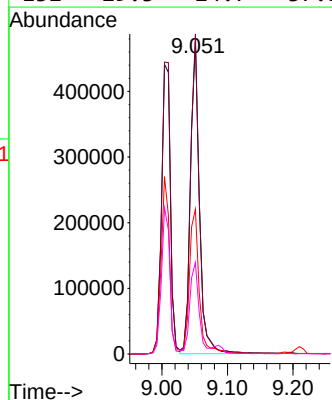
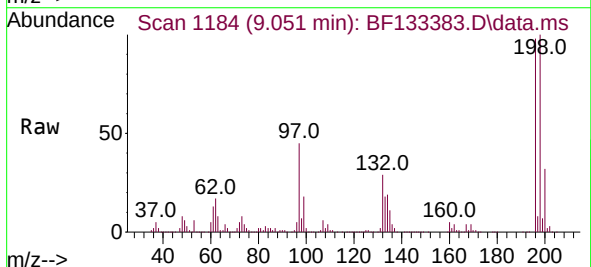
05/16/2023
Supervised By :Yogesh
Patel

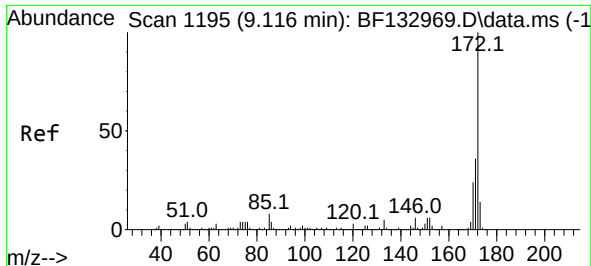
05/16/2023



#44
2,4,5-Trichlorophenol
Concen: 42.561 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:196 Resp: 455811
Ion Ratio Lower Upper
196 100
198 102.5 80.9 121.3
97 46.3 41.3 61.9
132 29.3 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 82.295 ng
RT: 9.086 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :

BNA_F

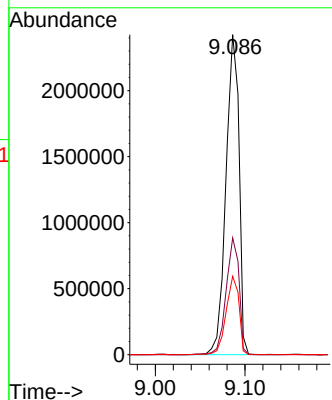
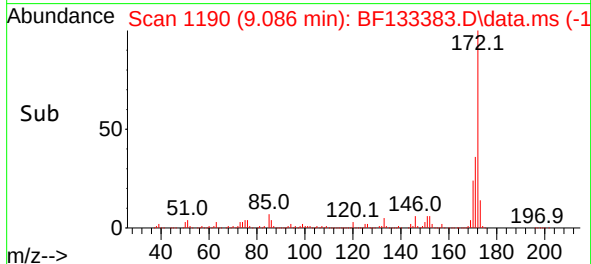
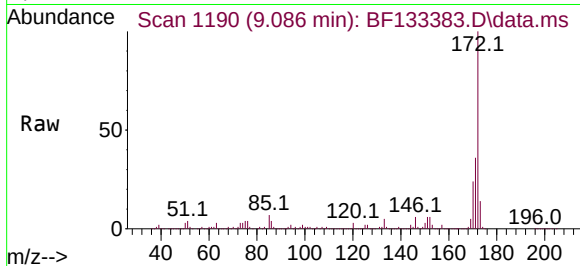
ClientSampleId :

PB152781BS

Tgt Ion:172 Resp: 2449670
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.5 19.4 29.2

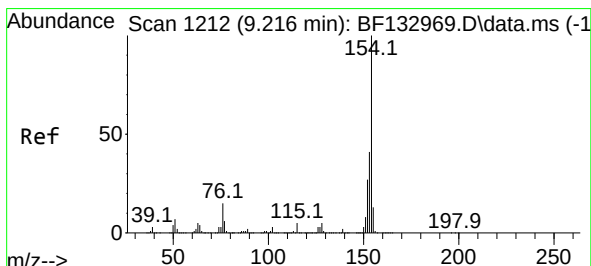
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



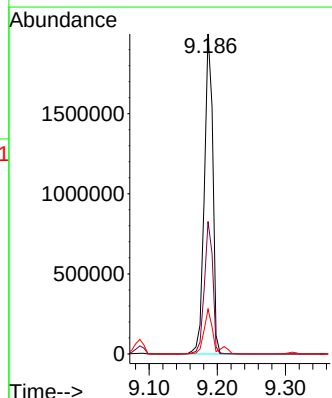
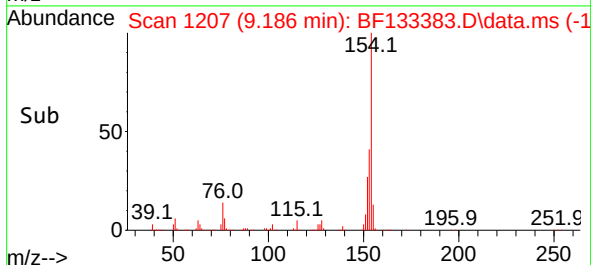
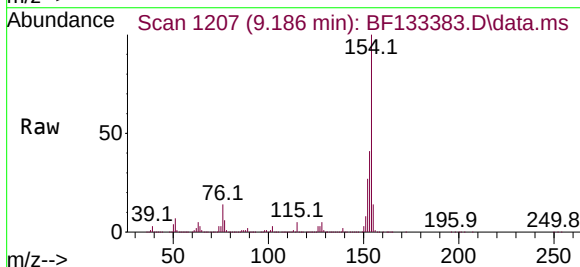
05/16/2023
Supervised By :Yogesh
Patel

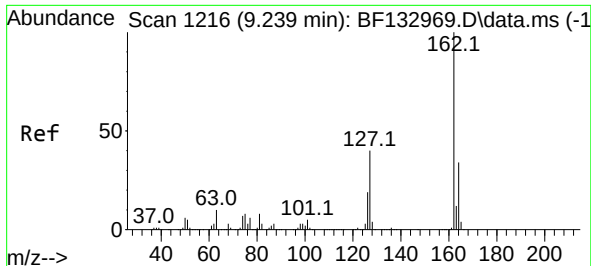
05/16/2023



#46
1,1'-Biphenyl
Concen: 43.567 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:154 Resp: 1720435
Ion Ratio Lower Upper
154 100
153 41.4 21.0 61.0
76 14.0 0.0 34.5





#47

2-Chloronaphthalene

Concen: 45.221 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

Tgt Ion:162 Resp: 130706

Ion Ratio Lower Upper

162 100

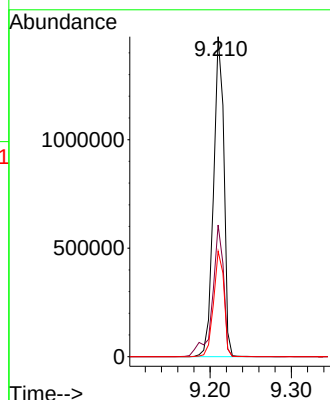
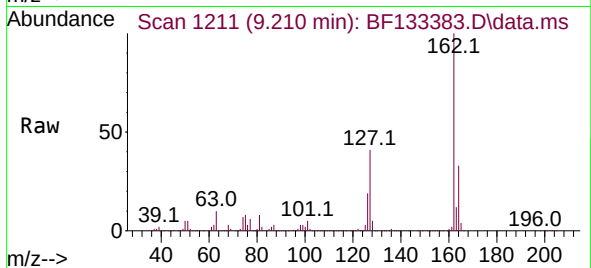
127 41.2 32.3 48.5

164 32.9 26.8 40.2

Manual Integrations

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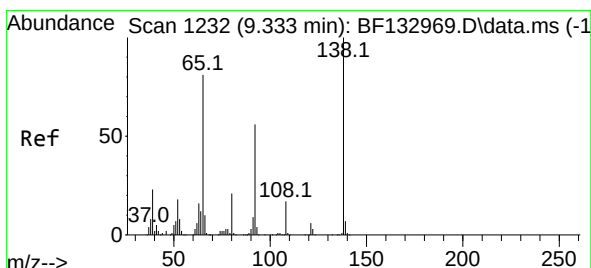
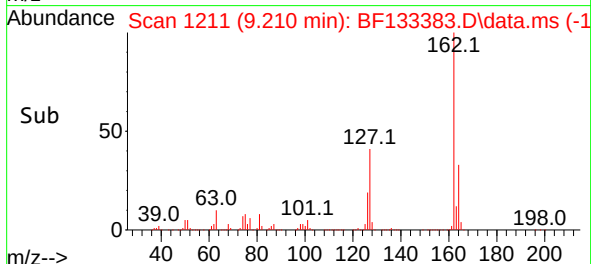
Reviewed By :Christian
Giraldo



05/16/2023

Supervised By :Yogesh
Patel

05/16/2023



#48

2-Nitroaniline

Concen: 43.435 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

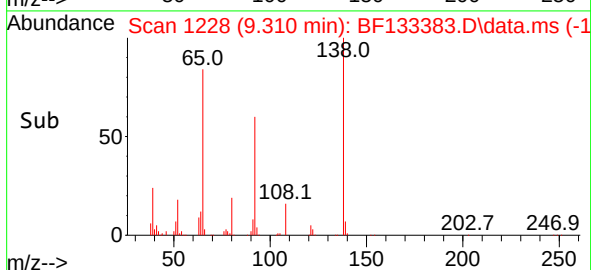
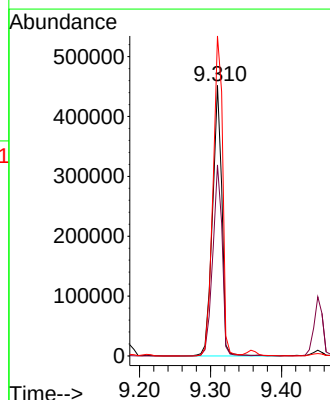
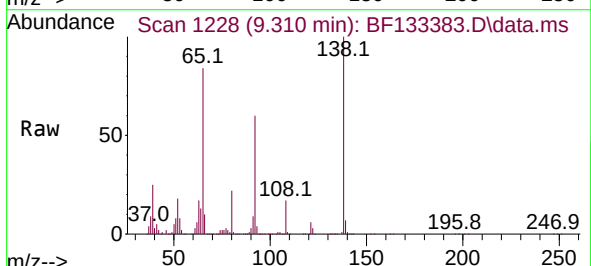
Tgt Ion: 65 Resp: 414917

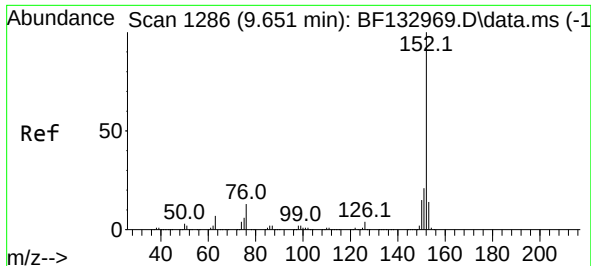
Ion Ratio Lower Upper

65 100

92 70.6 55.4 83.0

138 118.4 98.2 147.2





#49
Acenaphthylene
Concen: 42.588 ng
RT: 9.627 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :

BNA_F

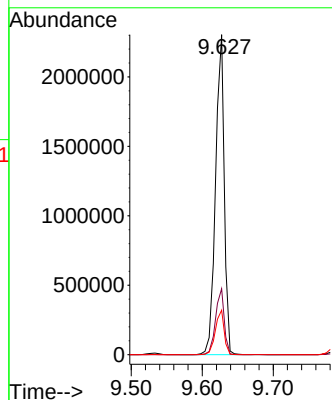
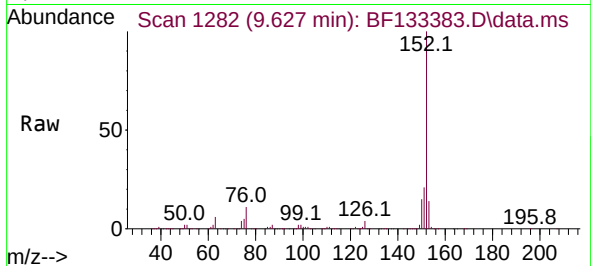
ClientSampleId :

PB152781BS

Tgt Ion:152 Resp: 196686
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 13.9 11.5 17.3

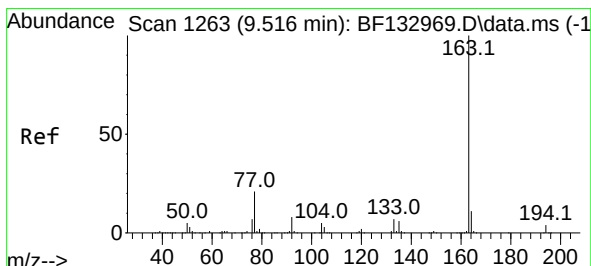
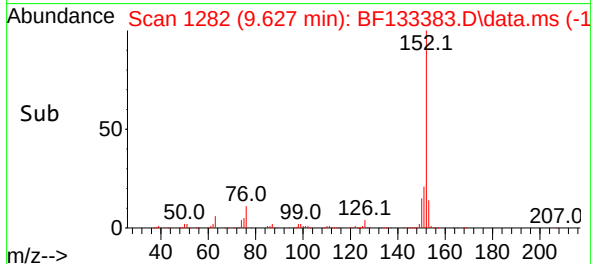
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



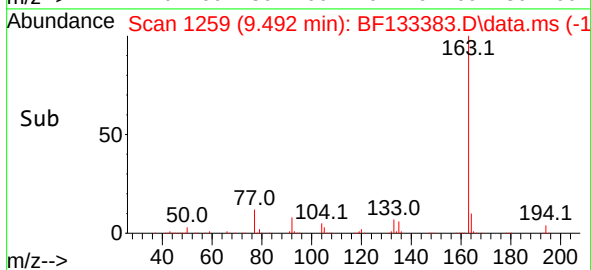
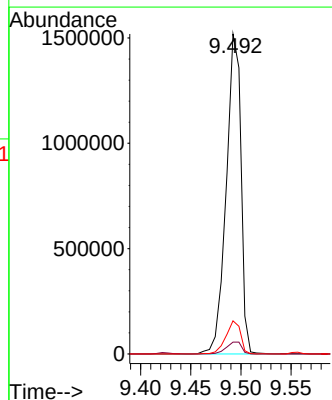
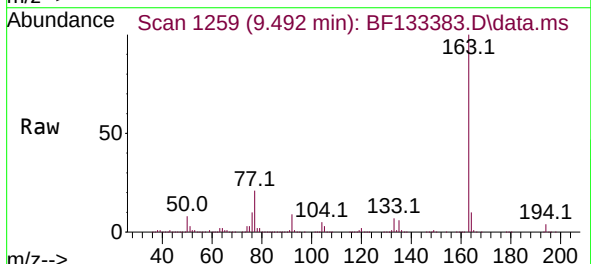
05/16/2023
Supervised By :Yogesh
Patel

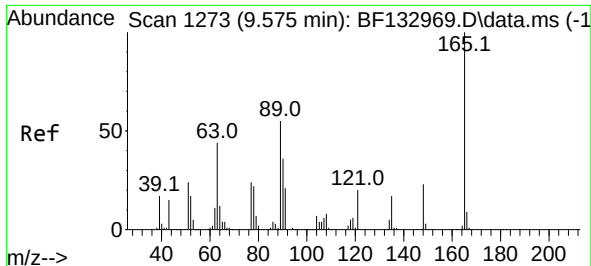
05/16/2023



#50
Dimethylphthalate
Concen: 44.739 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:163 Resp: 1553537
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.4 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 46.592 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :

BNA_F

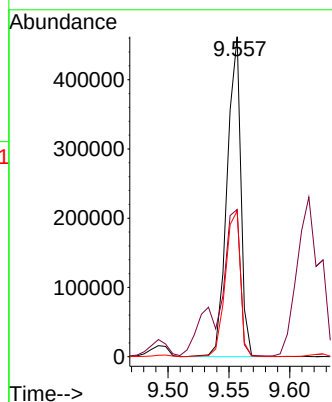
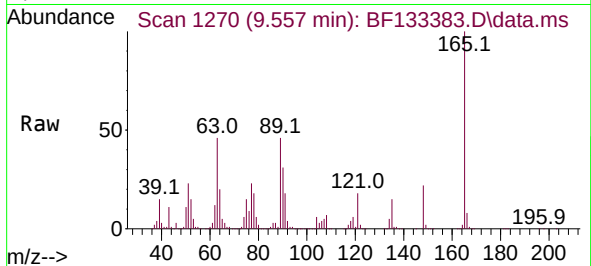
ClientSampleId :

PB152781BS

Tgt Ion:165 Resp: 36414
Ion Ratio Lower Upper
165 100
63 46.0 45.9 68.9
89 45.6 44.0 66.0

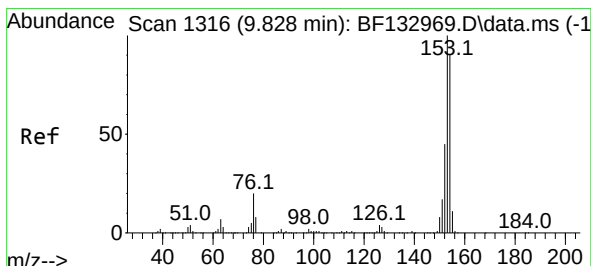
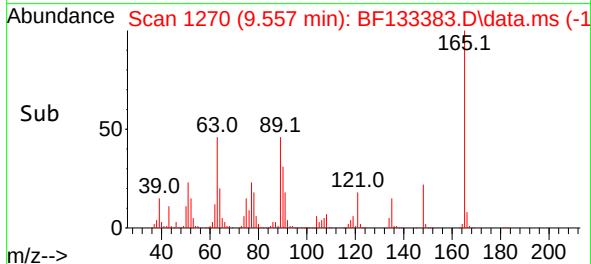
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Reviewed By :Christian
Giraldo



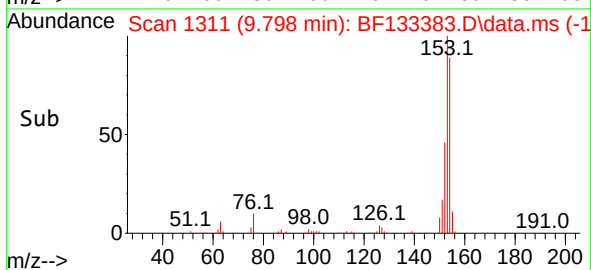
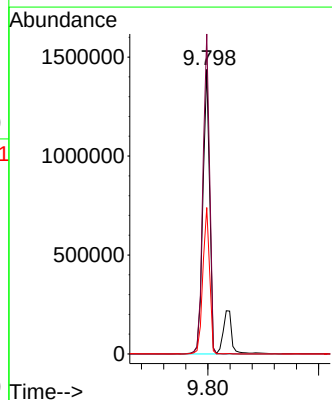
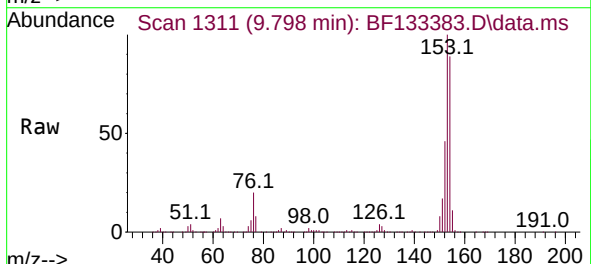
05/16/2023
Supervised By :Yogesh
Patel

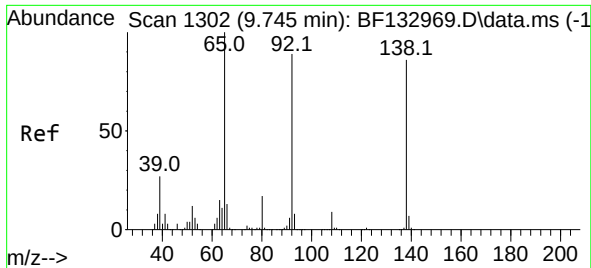
05/16/2023



#52
Acenaphthene
Concen: 47.020 ng m
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

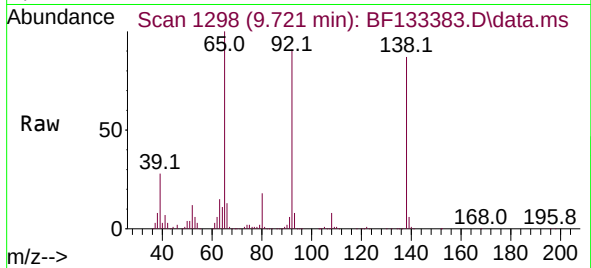
Tgt Ion:154 Resp: 1454389
Ion Ratio Lower Upper
154 100
153 112.5 89.0 133.6
152 51.5 40.4 60.6





#53
3-Nitroaniline
Concen: 27.837 ng
RT: 9.721 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

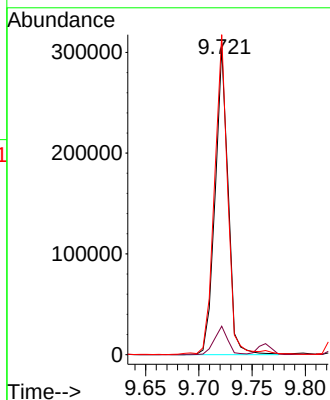
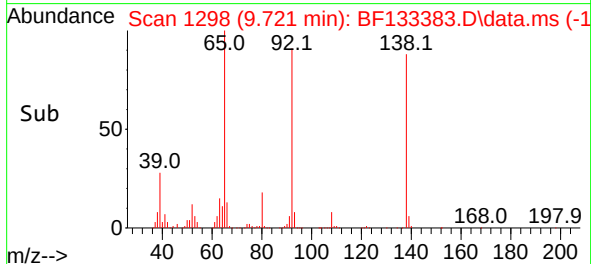
Instrument :
BNA_F
ClientSampleId :
PB152781BS



Tgt Ion:138 Resp: 258689
Ion Ratio Lower Upper
138 100
108 9.3 8.0 12.0
92 104.4 83.6 125.4

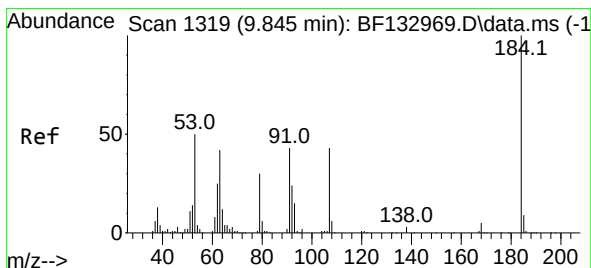
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Reviewed By :Christian
Giraldo

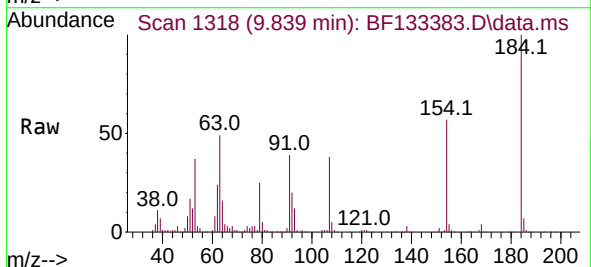


05/16/2023
Supervised By :Yogesh
Patel

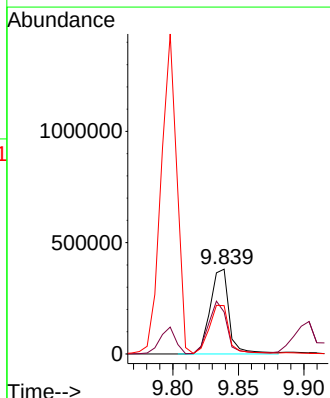
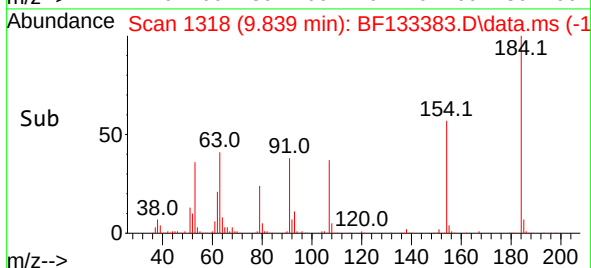
05/16/2023

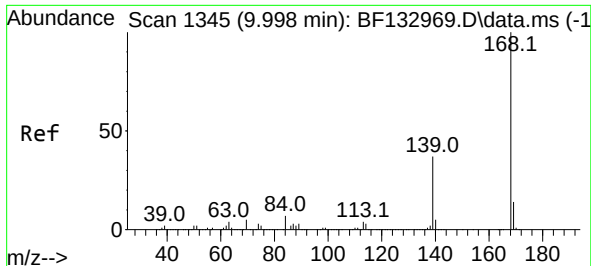


#54
2,4-Dinitrophenol
Concen: 98.185 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.018 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28



Tgt Ion:184 Resp: 385720
Ion Ratio Lower Upper
184 100
63 49.5 49.8 74.8#
154 56.9 49.5 74.3





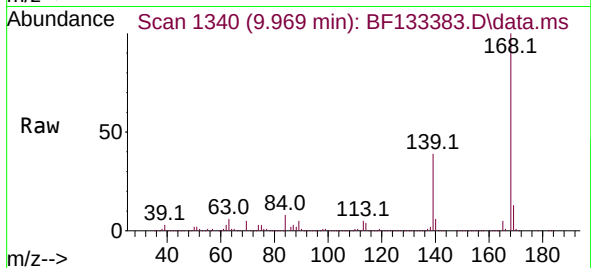
#55
Dibenzofuran
Concen: 41.377 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

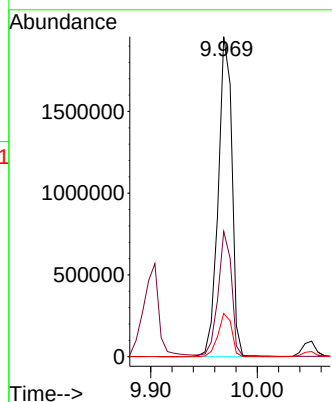
PB152781BS



Tgt Ion:168 Resp: 1745825
Ion Ratio Lower Upper
168 100
139 39.1 29.8 44.8
169 13.5 10.8 16.2

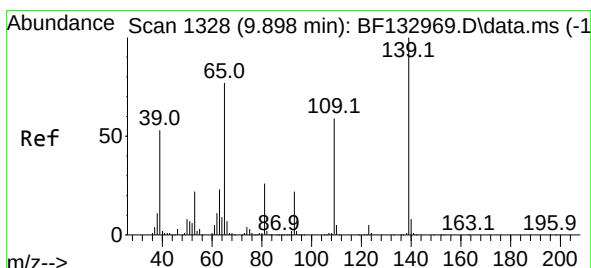
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



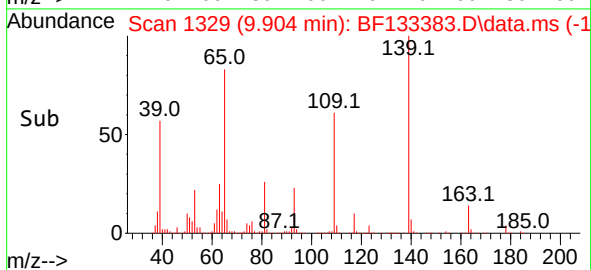
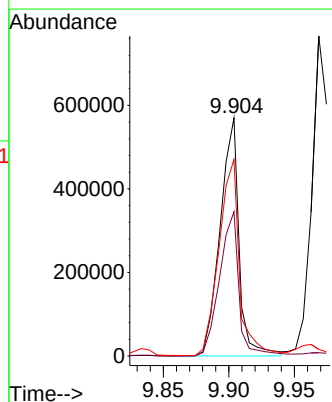
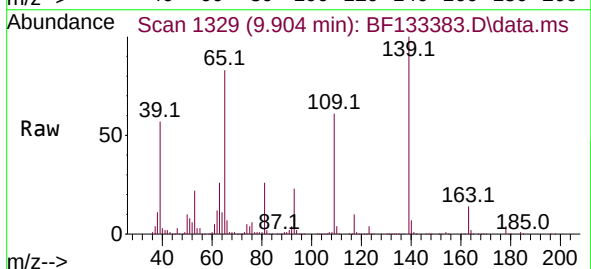
05/16/2023
Supervised By :Yogesh
Patel

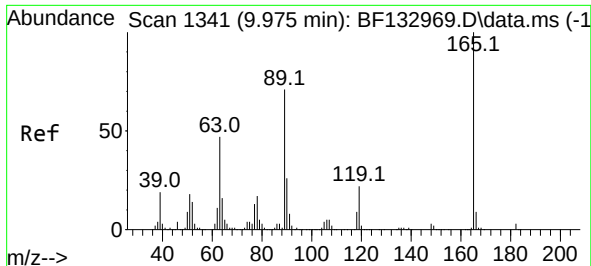
05/16/2023



#56
4-Nitrophenol
Concen: 79.205 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.018 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:139 Resp: 570085
Ion Ratio Lower Upper
139 100
109 60.7 39.4 79.4
65 82.6 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 44.972 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.012 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

Tgt Ion:165 Resp: 448244

Ion Ratio Lower Upper

165 100

63 44.6 37.7 56.5

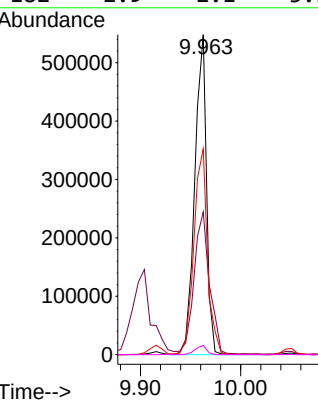
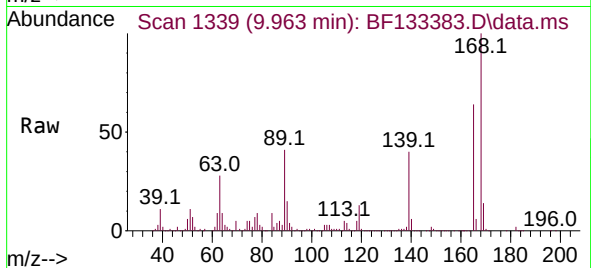
89 64.3 57.0 85.4

182 2.9 2.1 3.1

Manual Integrations

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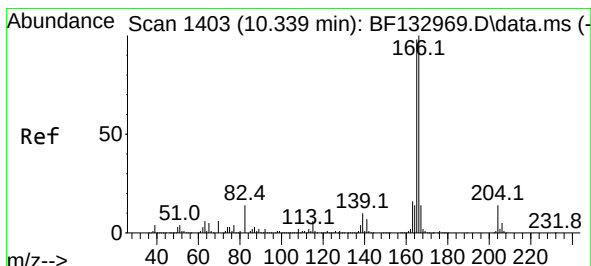
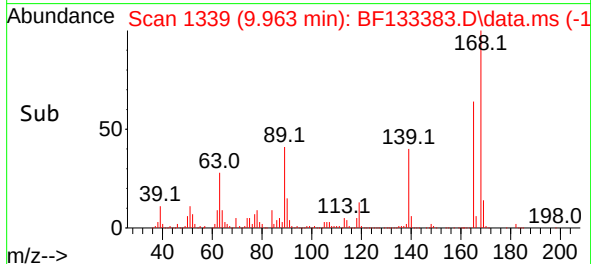
Reviewed By :Christian
Giraldo



05/16/2023

Supervised By :Yogesh
Patel

05/16/2023



#58

Fluorene

Concen: 42.809 ng

RT: 10.316 min Scan# 1399

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

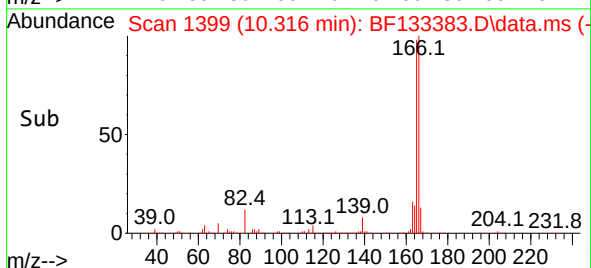
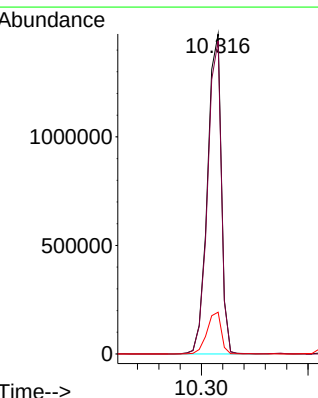
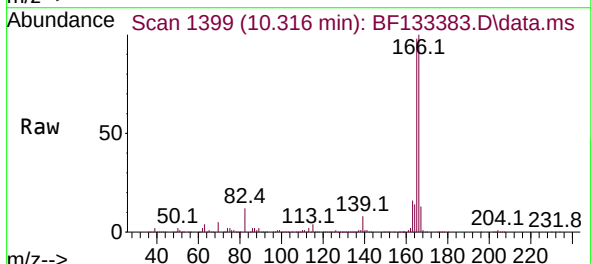
Tgt Ion:166 Resp: 1323350

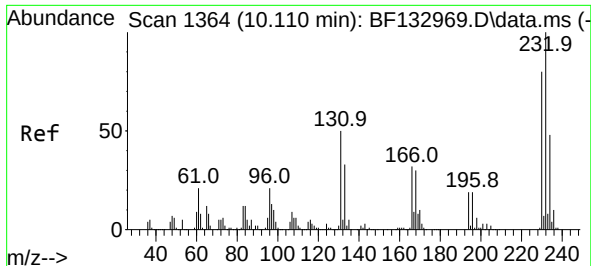
Ion Ratio Lower Upper

166 100

165 97.8 78.6 117.8

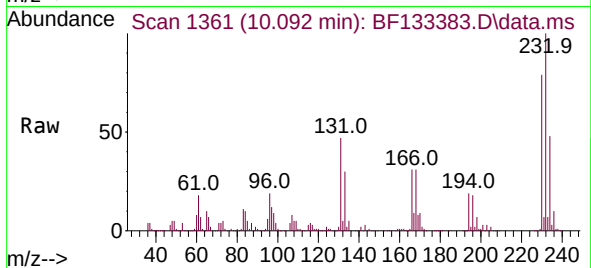
167 13.1 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.606 ng
RT: 10.092 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

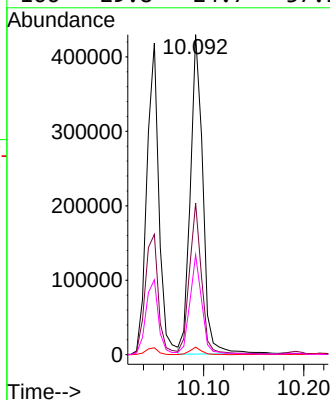
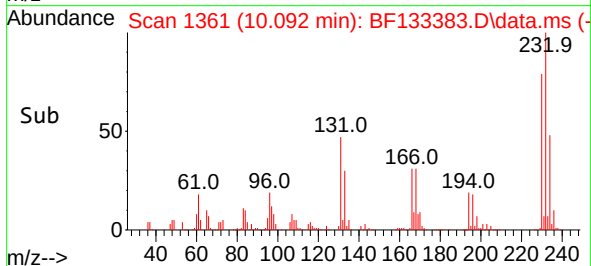
Instrument :
BNA_F
ClientSampleId :
PB152781BS



Tgt Ion:232 Resp: 370340
Ion Ratio Lower Upper
232 100
131 45.4 38.0 57.0
130 2.3 1.8 2.8
166 29.8 24.7 37.1

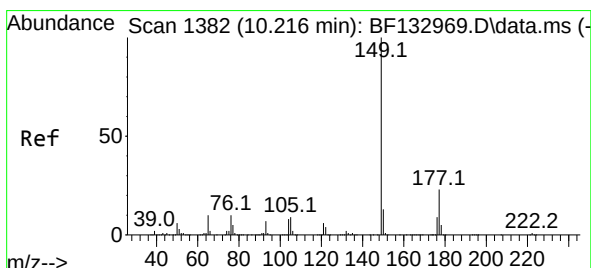
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



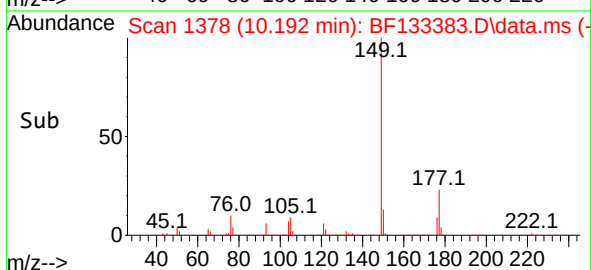
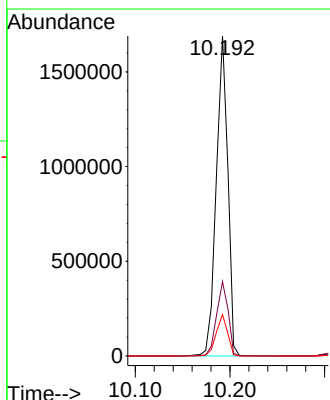
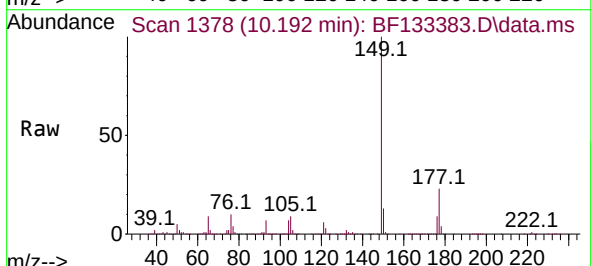
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Supervised By :Yogesh
Patel

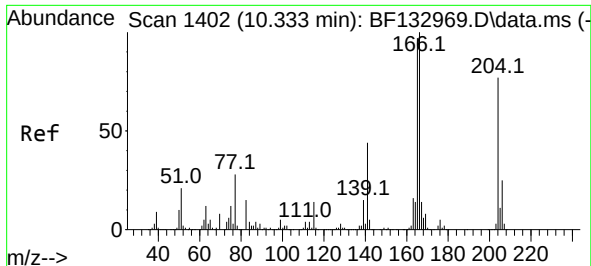
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#60
Diethylphthalate
Concen: 43.428 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:149 Resp: 1424421
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.4
150 12.9 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.201 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :

BNA_F

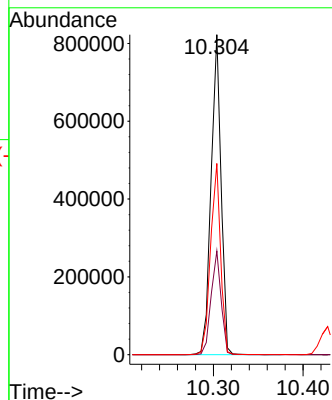
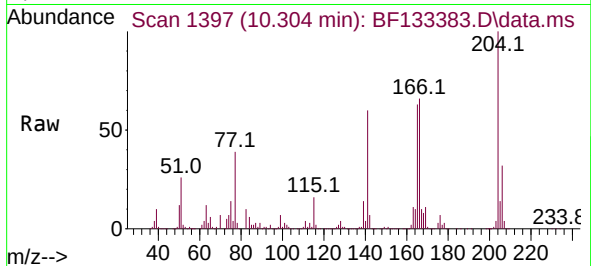
ClientSampleId :

PB152781BS

Tgt Ion:204 Resp: 635738
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 59.7 46.1 69.1

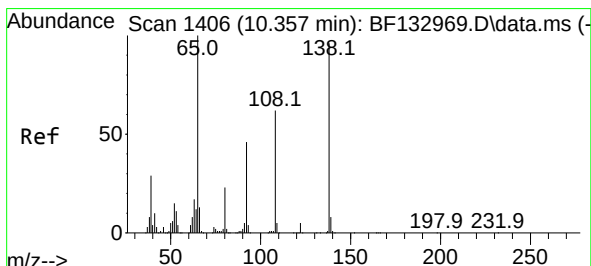
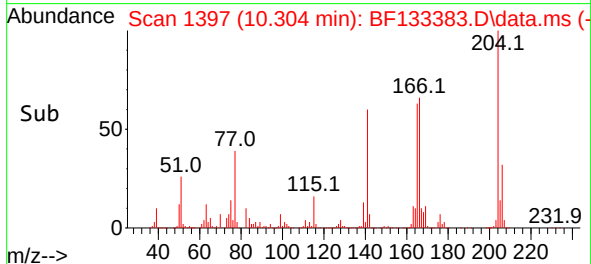
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



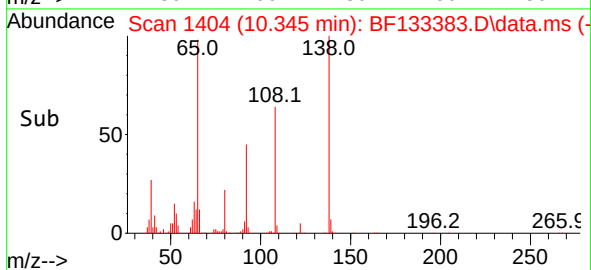
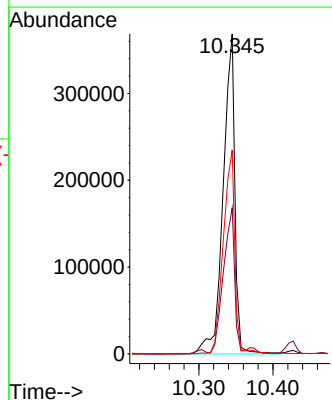
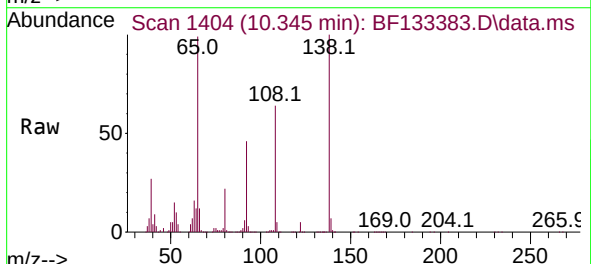
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Patel

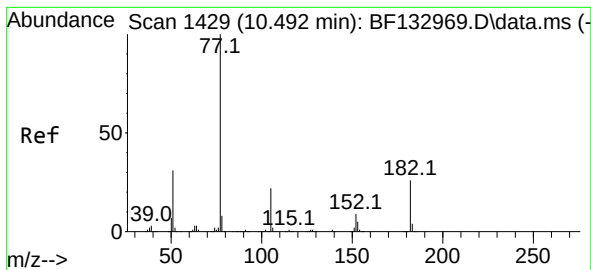
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#62
4-Nitroaniline
Concen: 47.585 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

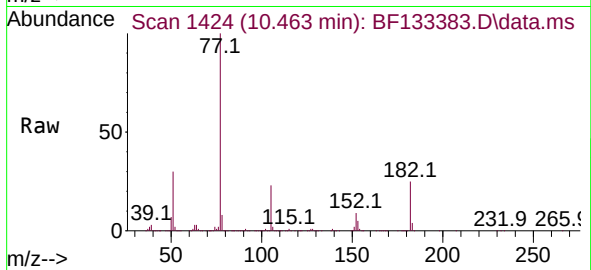
Tgt Ion:138 Resp: 406432
Ion Ratio Lower Upper
138 100
92 45.6 27.7 67.7
108 63.7 45.2 85.2





#63
Azobenzene
Concen: 41.236 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

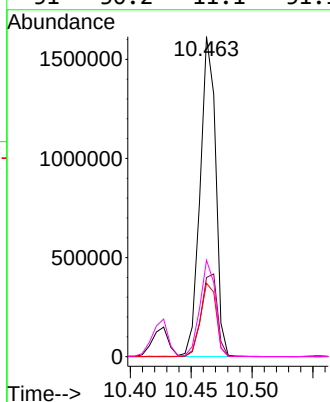
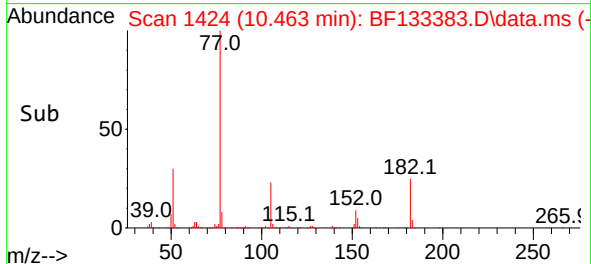
Instrument :
BNA_F
ClientSampleId :
PB152781BS



Tgt Ion: 77 Resp: 1432770
Ion Ratio Lower Upper
77 100
182 24.8 5.9 45.9
105 22.9 2.3 42.3
51 30.2 11.1 51.1

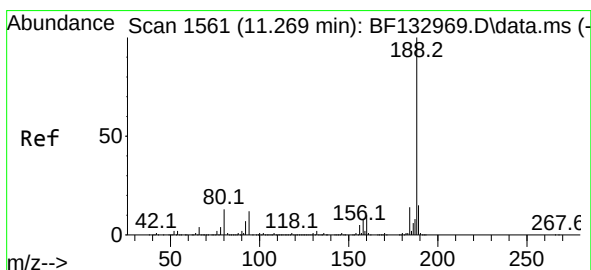
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



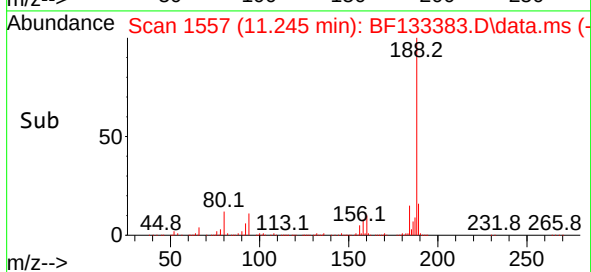
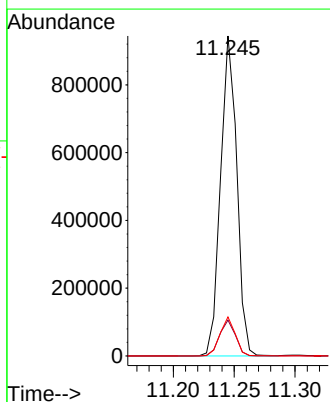
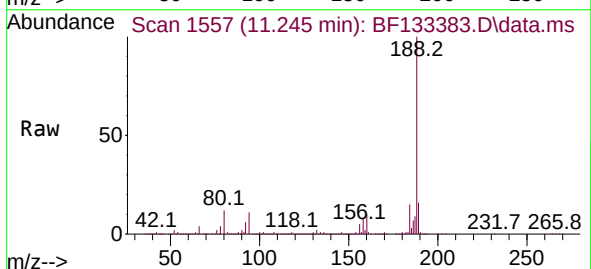
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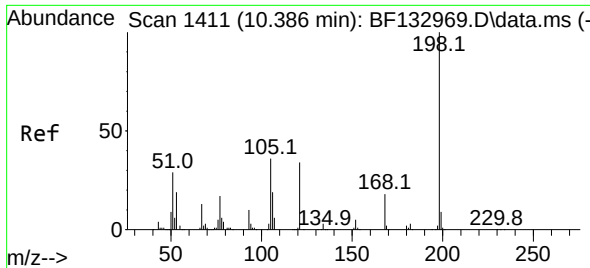
05/16/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:188 Resp: 878574
Ion Ratio Lower Upper
188 100
94 11.2 9.7 14.5
80 12.2 10.4 15.6





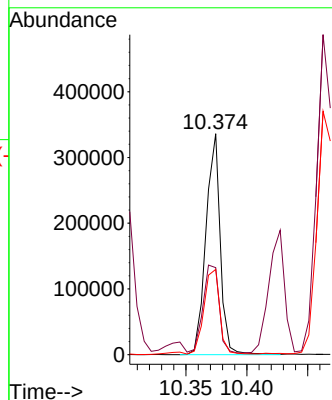
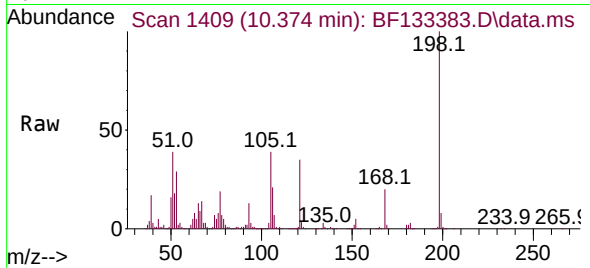
#65
4,6-Dinitro-2-methylphenol
Concen: 51.570 ng
RT: 10.374 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :
BNA_F
ClientSampleId :
PB152781BS

Tgt Ion:198 Resp: 274620
Ion Ratio Lower Upper
198 100
51 39.4 15.5 55.5
105 38.6 16.7 56.7

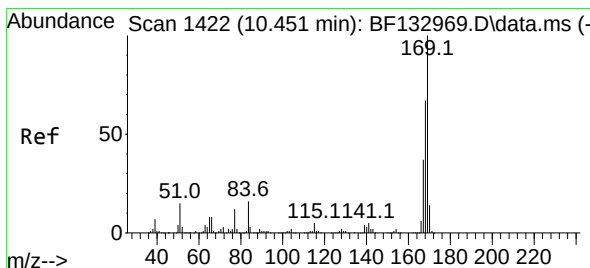
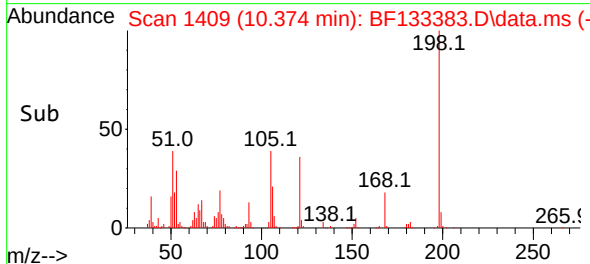
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Giraldo



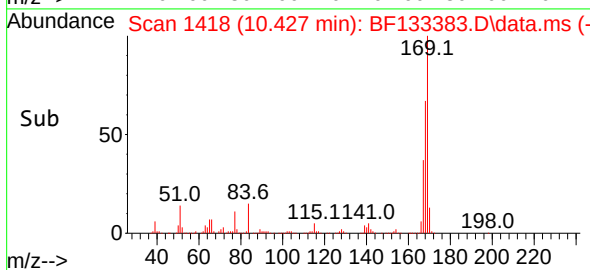
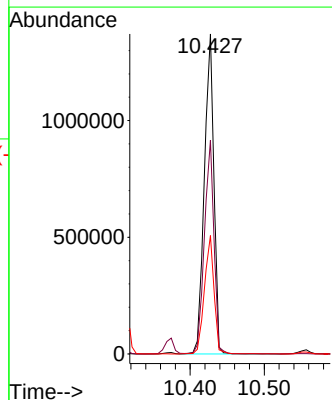
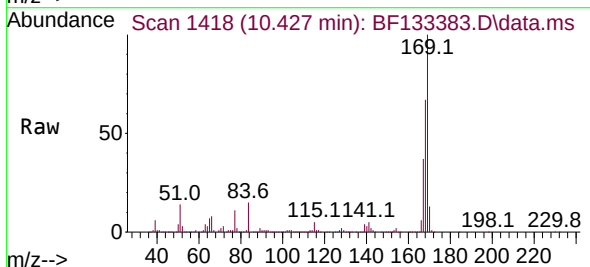
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Supervised By :Yogesh
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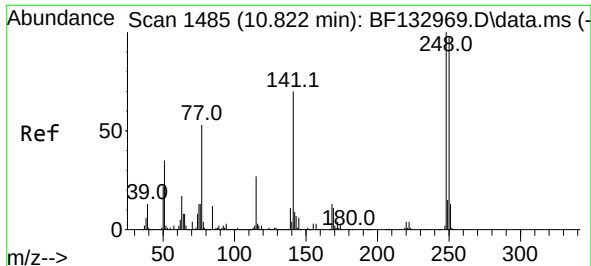
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#66
n-Nitrosodiphenylamine
Concen: 43.176 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:169 Resp: 1230469
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.8
167 37.0 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 43.293 ng
RT: 10.792 min Scan# 1485
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :

BNA_F

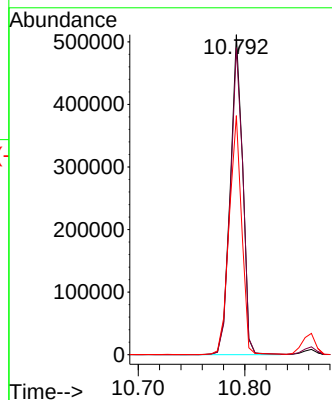
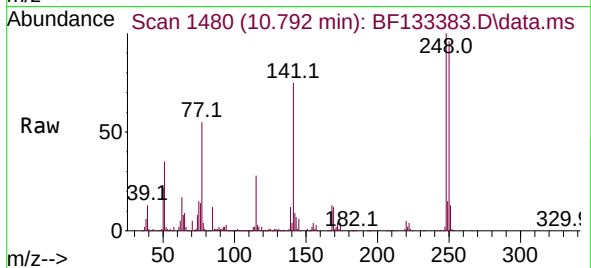
ClientSampleId :

PB152781BS

Tgt Ion:248 Resp: 412528
Ion Ratio Lower Upper
248 100
250 95.9 78.7 118.1
141 74.7 56.3 84.5

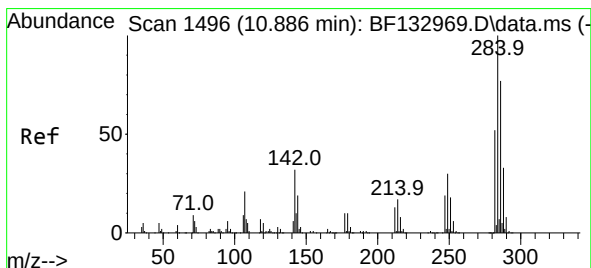
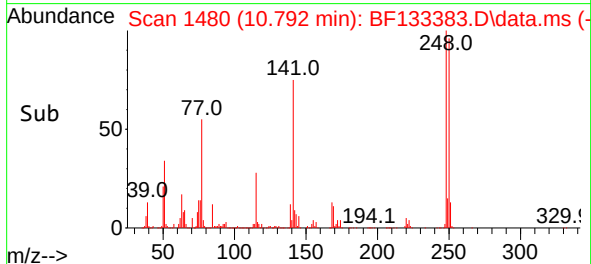
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Reviewed By :Christian
Giraldo



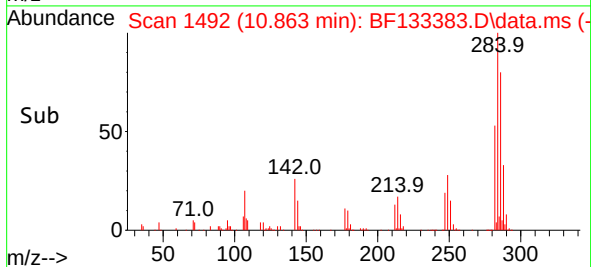
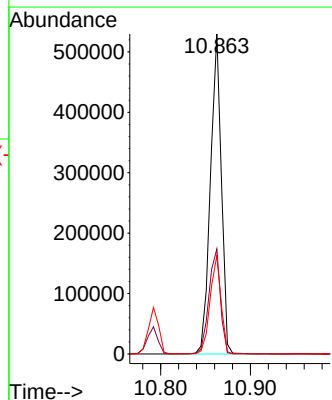
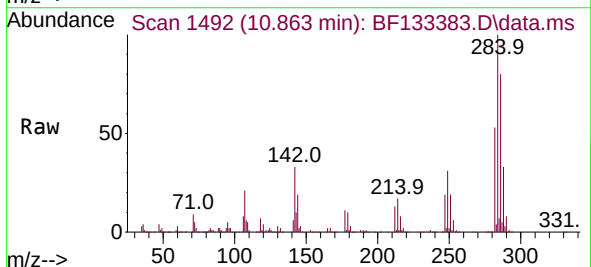
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Supervised By :Yogesh
Patel

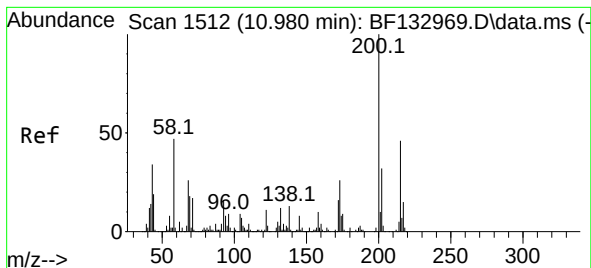
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#68
Hexachlorobenzene
Concen: 45.826 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Tgt Ion:284 Resp: 447444
Ion Ratio Lower Upper
284 100
142 32.9 26.0 39.0
249 30.8 23.7 35.5





#69

Atrazine

Concen: 52.650 ng

RT: 10.957 min Scan# 110

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS

Tgt Ion:200 Resp: 432340

Ion Ratio Lower Upper

200 100

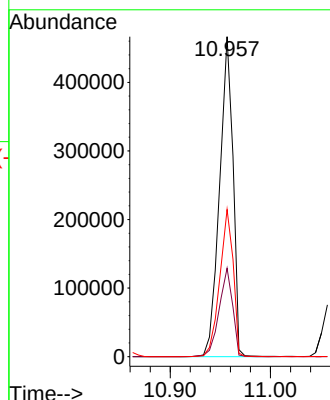
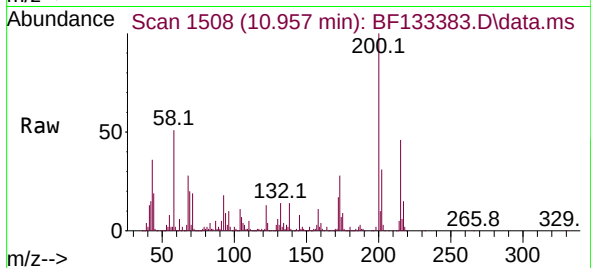
173 27.7 6.2 46.2

215 46.0 26.3 66.3

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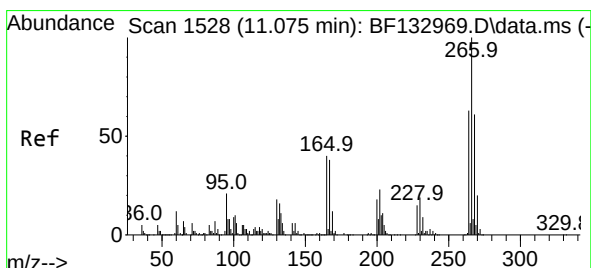
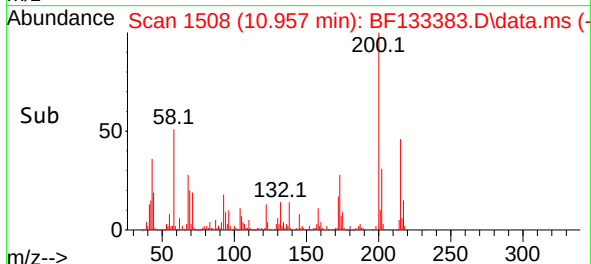
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#70

Pentachlorophenol

Concen: 70.056 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.012 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

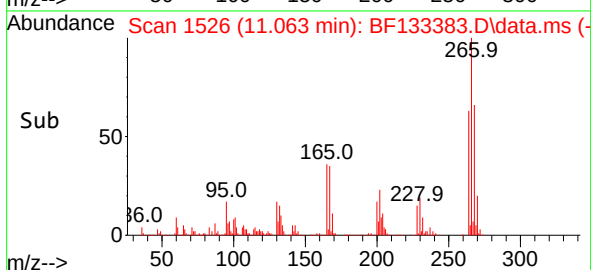
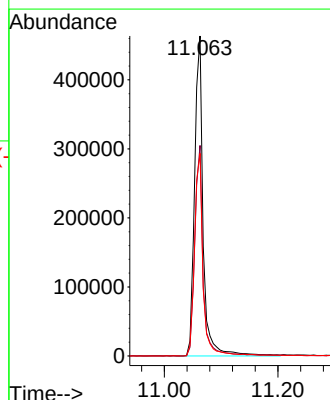
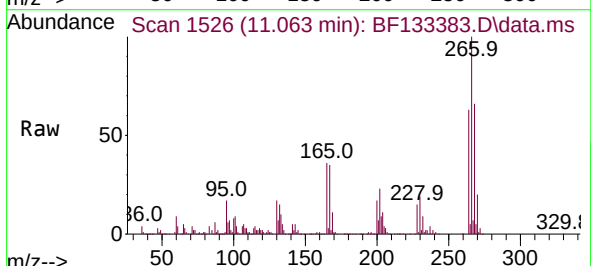
Tgt Ion:266 Resp: 487155

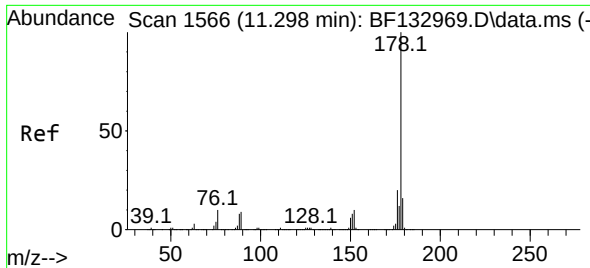
Ion Ratio Lower Upper

266 100

268 65.8 48.8 73.2

264 63.3 50.6 76.0





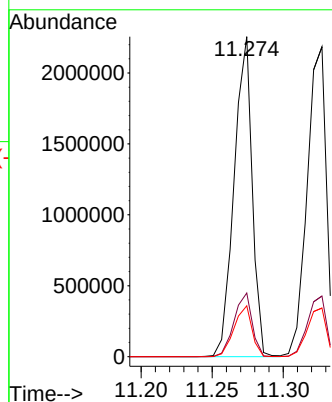
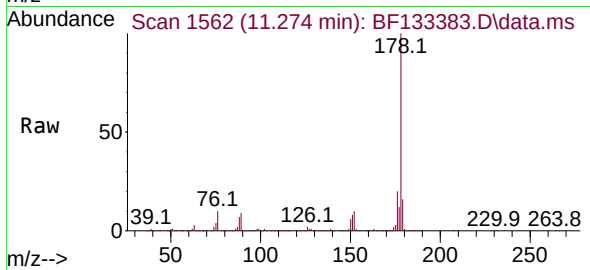
#71
Phenanthrene
Concen: 42.308 ng
RT: 11.274 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :
BNA_F
ClientSampleId :
PB152781BS

Tgt Ion:178 Resp: 1997808
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.9 12.5 18.7

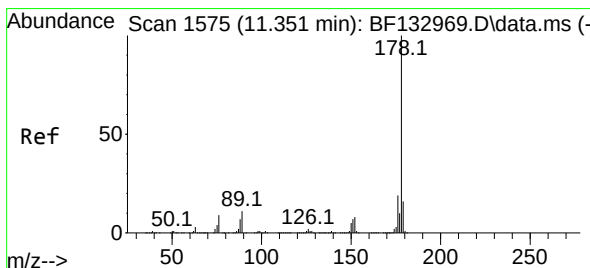
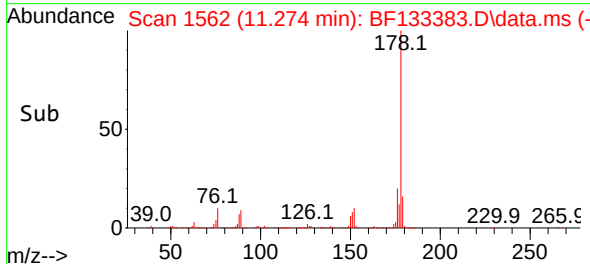
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Giraldo



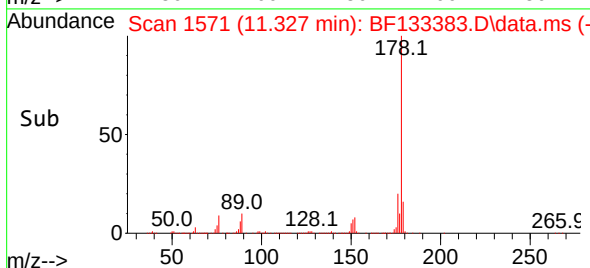
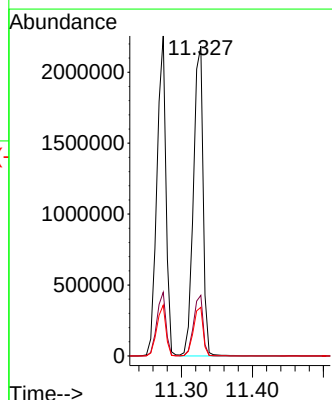
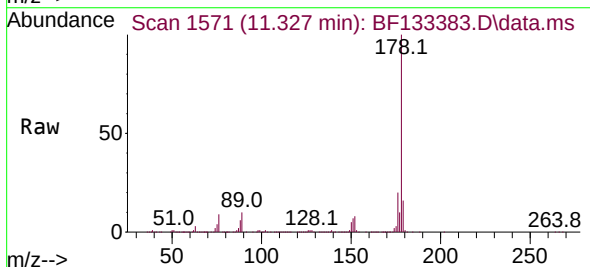
05/16/2023
Supervised By :Yogesh
Patel

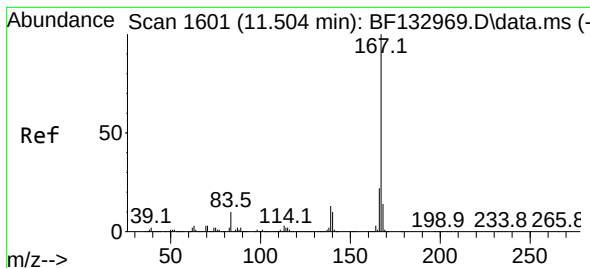
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#72
Anthracene
Concen: 42.842 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.012 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

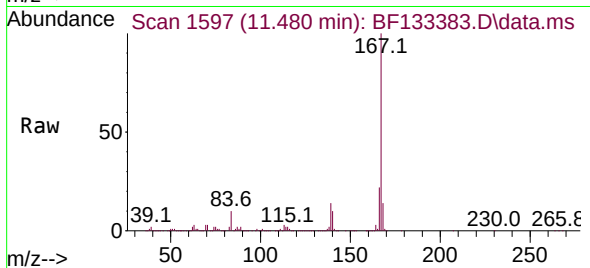
Tgt Ion:178 Resp: 2070353
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 44.554 ng
 RT: 11.480 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133383.D
 Acq: 15 May 2023 13:28

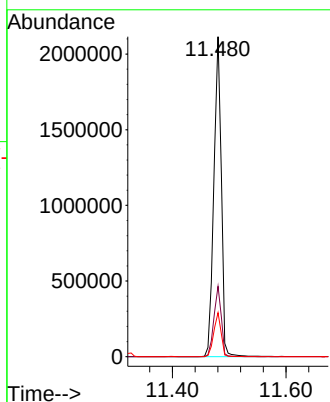
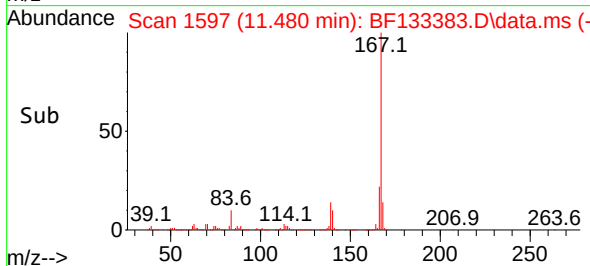
Instrument :
 BNA_F
 ClientSampleId :
 PB152781BS



Tgt Ion:167 Resp: 1917172
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.7 10.6 16.0

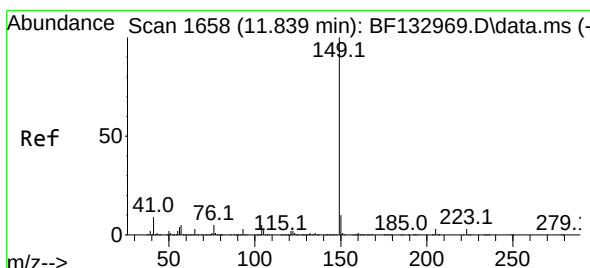
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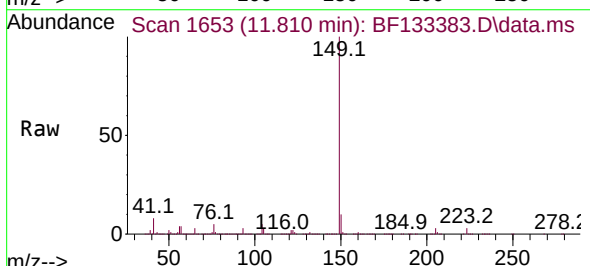


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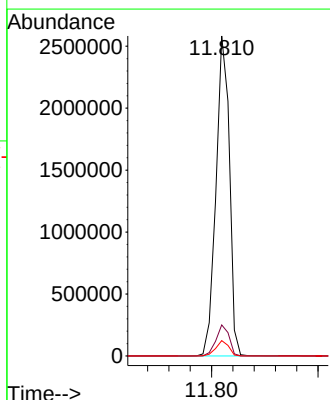
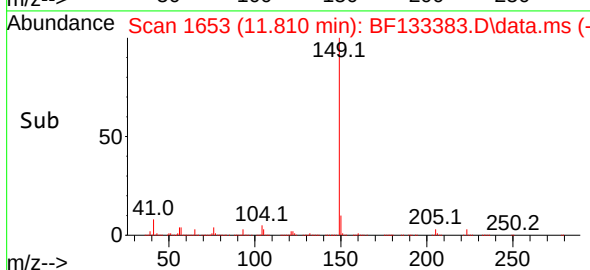
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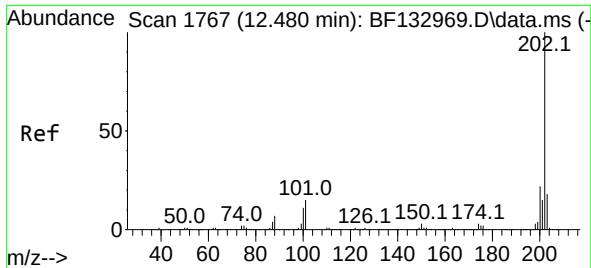


#74
 Di-n-butylphthalate
 Concen: 46.422 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.006 min
 Lab File: BF133383.D
 Acq: 15 May 2023 13:28



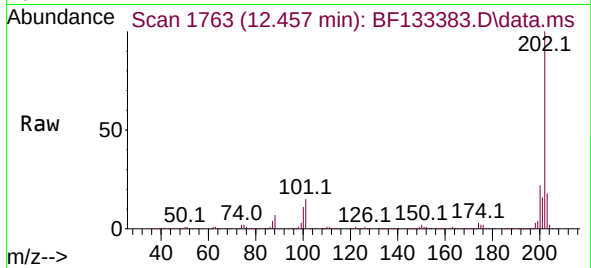
Tgt Ion:149 Resp: 2260524
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 42.855 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

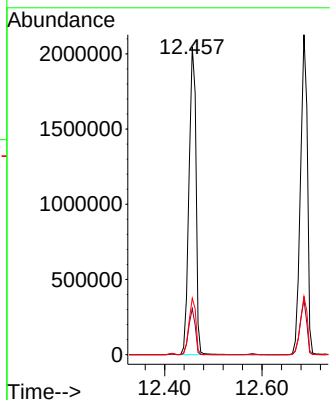
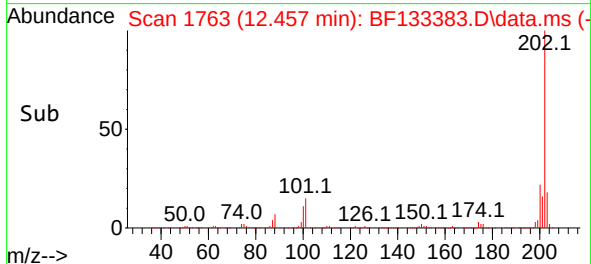
Instrument :
BNA_F
ClientSampleId :
PB152781BS



Tgt Ion:202 Resp: 203094
Ion Ratio Lower Upper
202 100
101 15.0 0.0 35.3
203 18.4 0.0 38.1

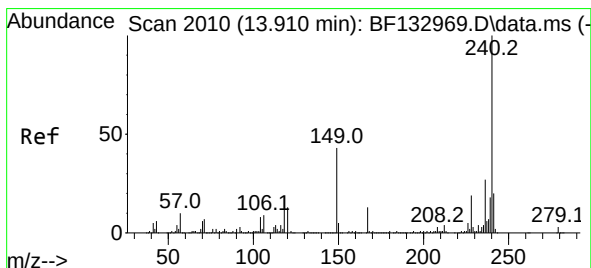
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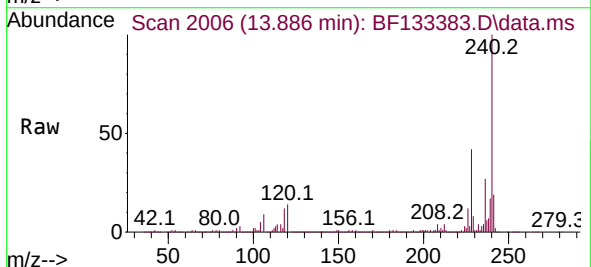


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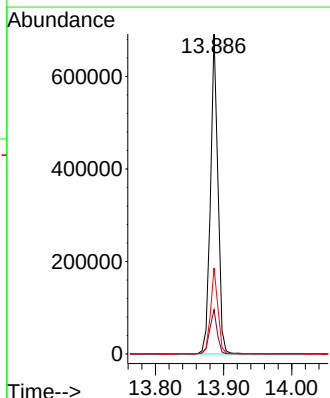
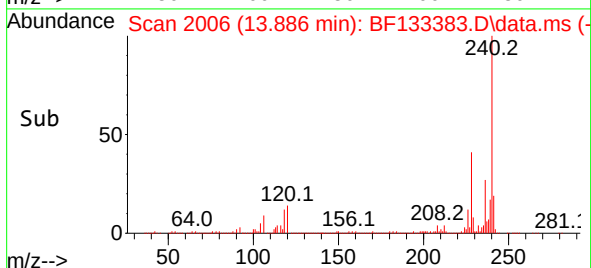
05/16/2023

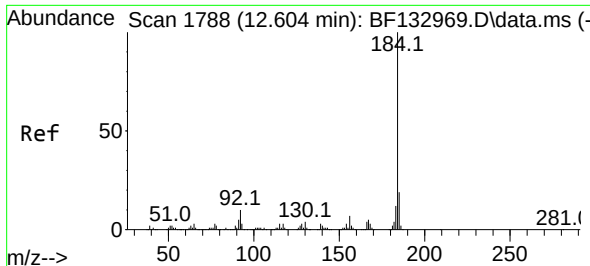


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28



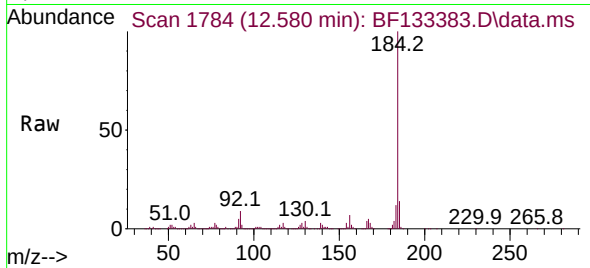
Tgt Ion:240 Resp: 526183
Ion Ratio Lower Upper
240 100
120 13.9 10.5 15.7
236 26.9 21.5 32.3





#77
Benzidine
Concen: 112.478 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

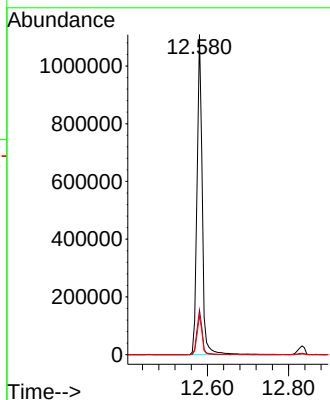
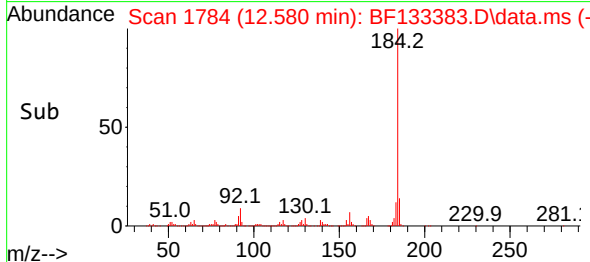
Instrument :
BNA_F
ClientSampleId :
PB152781BS



Tgt Ion:184 Resp: 1000834
Ion Ratio Lower Upper
184 100
185 14.0 15.4 23.2
183 12.2 9.4 14.0

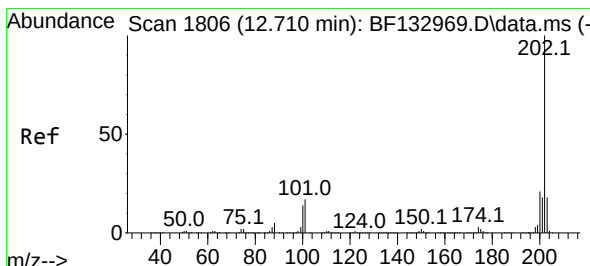
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

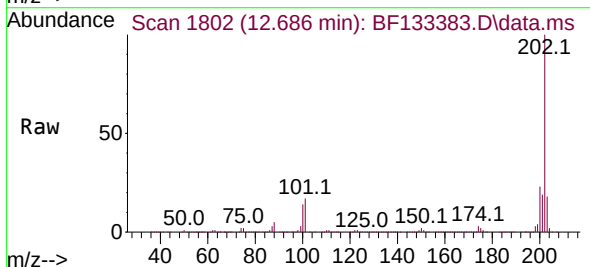


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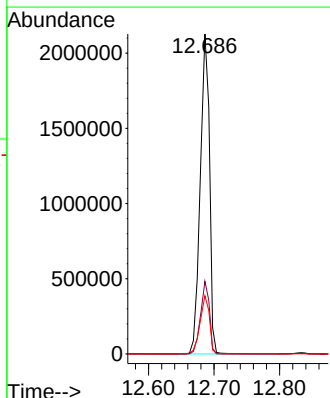
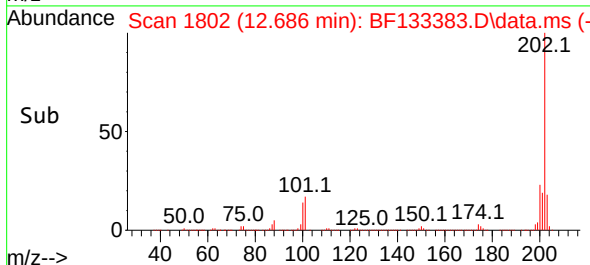
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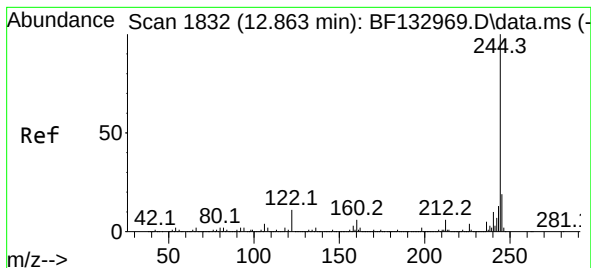


#78
Pyrene
Concen: 46.359 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28



Tgt Ion:202 Resp: 2091048
Ion Ratio Lower Upper
202 100
200 22.7 17.1 25.7
203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 90.679 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133383.D

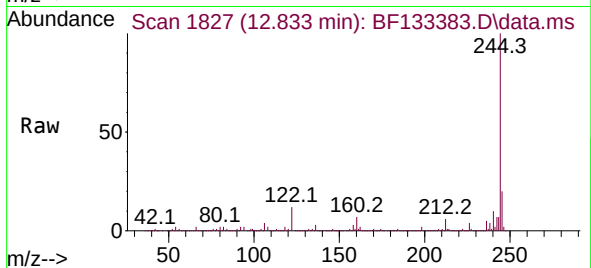
Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS



Tgt Ion:244 Resp: 276654

Ion Ratio Lower Upper

244 100

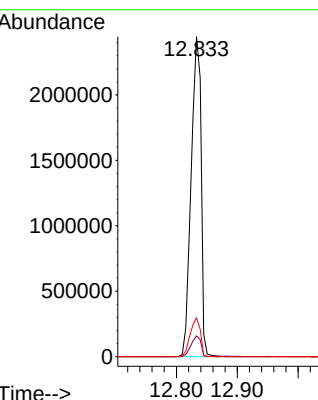
212 6.5 5.1 7.7

122 12.1 8.6 13.0

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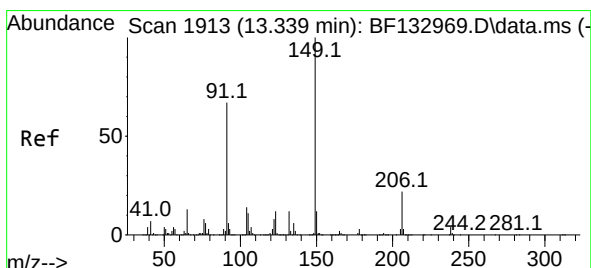
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#80

Butylbenzylphthalate

Concen: 56.940 ng

RT: 13.309 min Scan# 1908

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

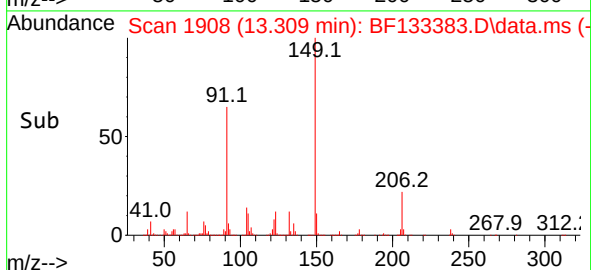
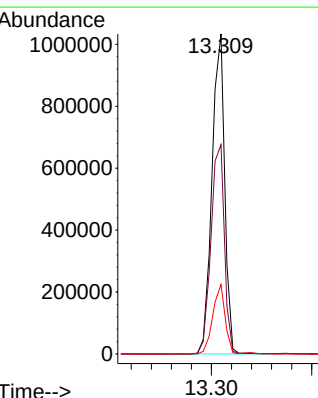
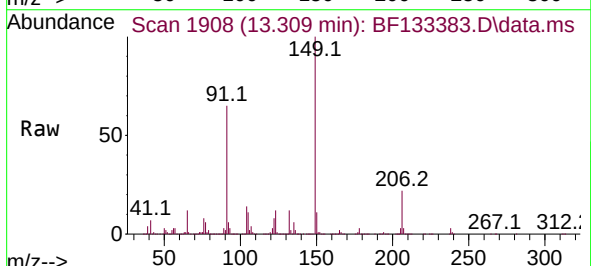
Tgt Ion:149 Resp: 909385

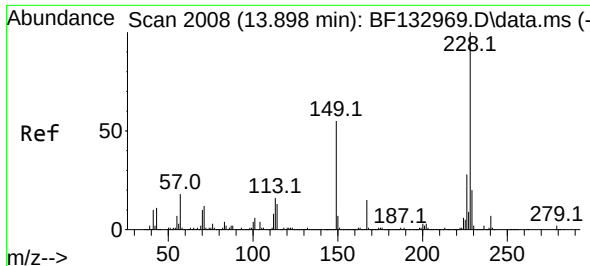
Ion Ratio Lower Upper

149 100

91 65.4 53.8 80.6

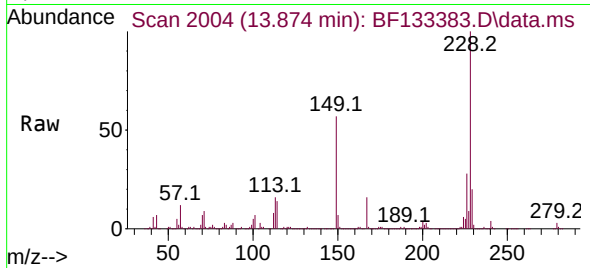
206 21.7 17.5 26.3





#81
Benzo(a)anthracene
Concen: 42.210 ng
RT: 13.874 min Scan# 2008
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

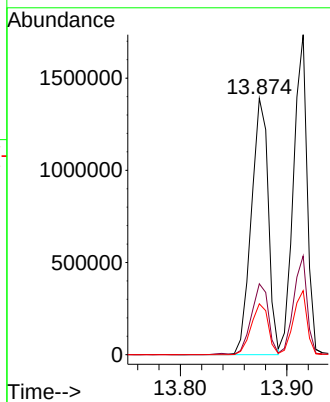
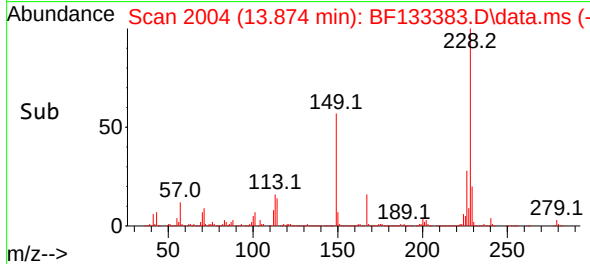
Instrument :
BNA_F
ClientSampleId :
PB152781BS



Tgt Ion:228 Resp: 152731
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 19.8 16.0 24.0

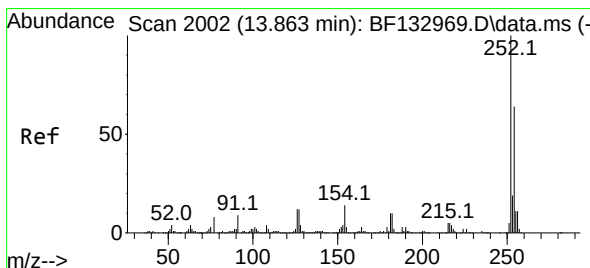
Manual Integrations
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Reviewed By :Christian
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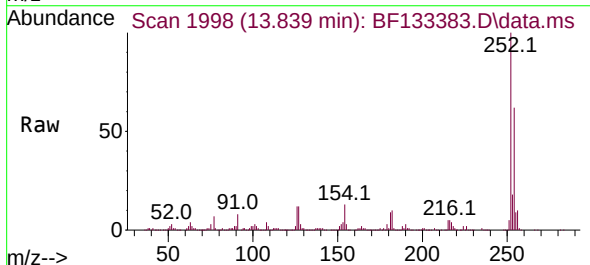


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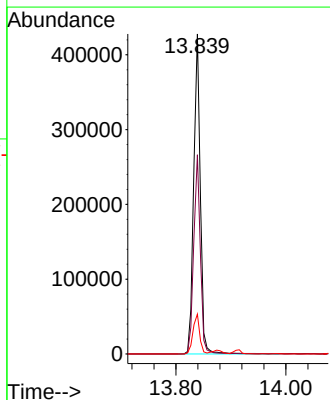
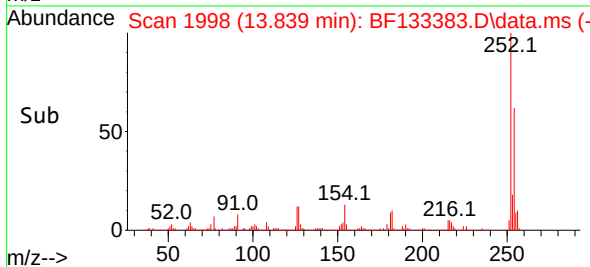
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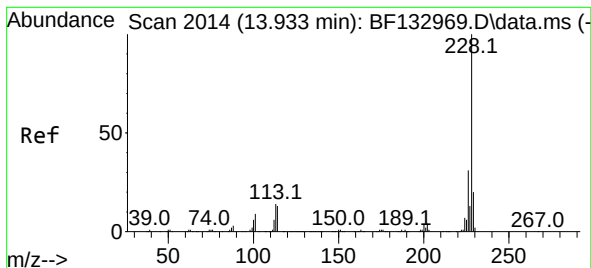


#82
3,3'-Dichlorobenzidine
Concen: 35.541 ng
RT: 13.839 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28



Tgt Ion:252 Resp: 355261
Ion Ratio Lower Upper
252 100
254 62.2 51.5 77.3
126 12.4 9.5 14.3





#83

Chrysene

Concen: 42.830 ng

RT: 13.915 min Scan# 2011

Delta R.T. 0.012 min

Lab File: BF133383.D

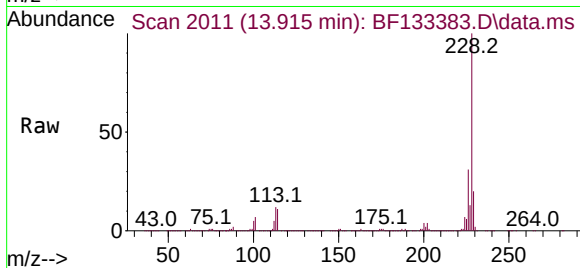
Acq: 15 May 2023 13:28

Instrument :

BNA_F

ClientSampleId :

PB152781BS



Tgt Ion:228 Resp: 1549372

Ion Ratio Lower Upper

228 100

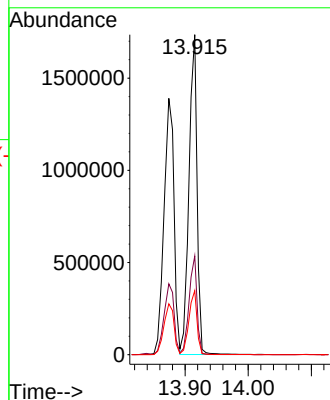
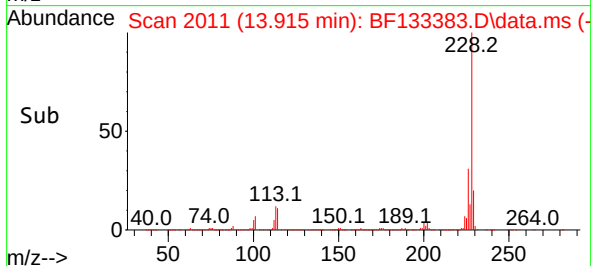
226 30.9 24.7 37.1

229 20.0 16.1 24.1

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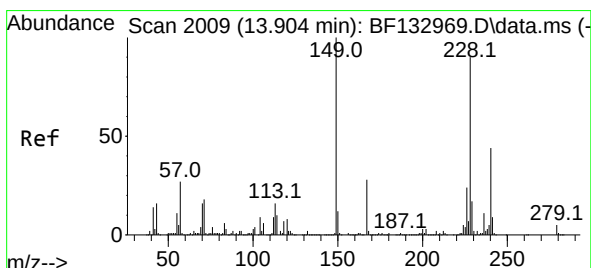
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#84

Bis(2-ethylhexyl)phthalate

Concen: 52.275 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

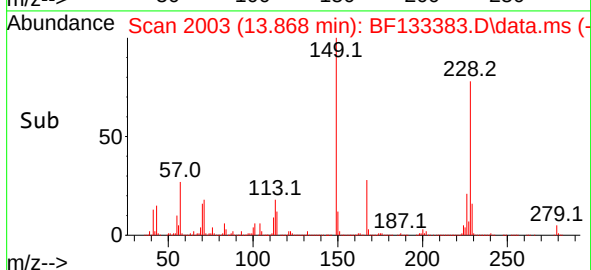
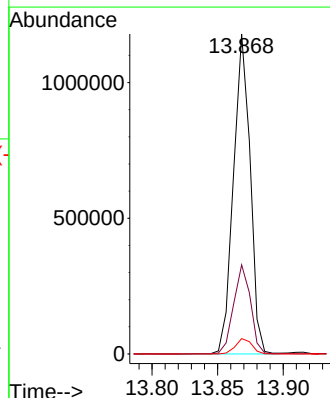
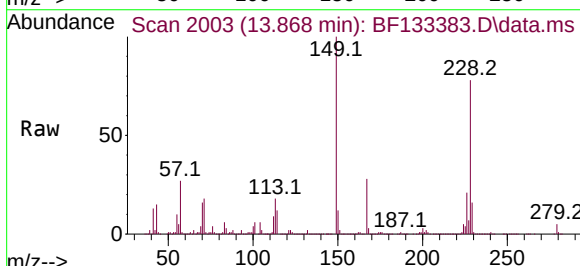
Tgt Ion:149 Resp: 1047928

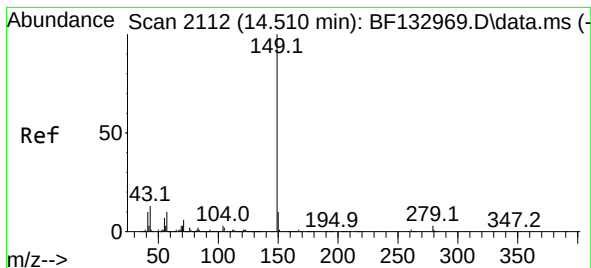
Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

279 4.8 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 51.542 ng

RT: 14.480 min Scan# 2112

Delta R.T. 0.006 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

Instrument :

BNF_F

ClientSampleId :

PB152781BS

Tgt Ion:149 Resp: 168472

Ion Ratio Lower Upper

149 100

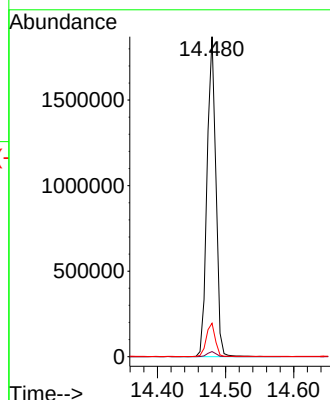
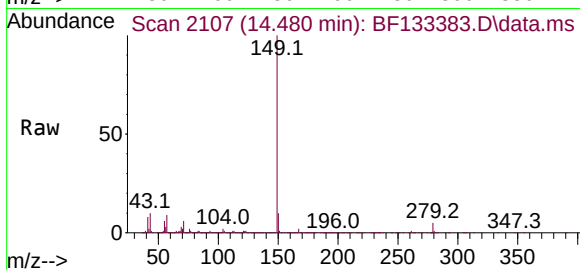
167 1.6 1.2 1.8

43 10.6 9.5 14.3

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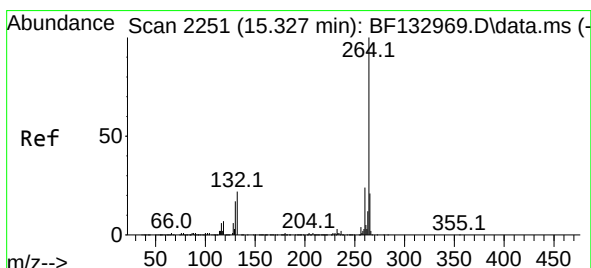
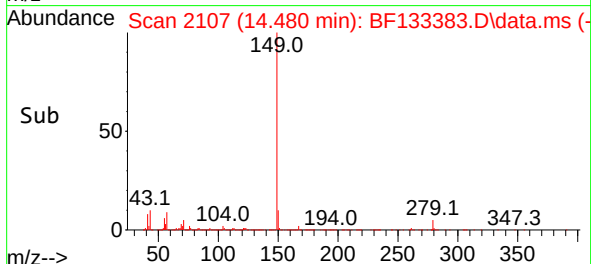
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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.303 min Scan# 2247

Delta R.T. 0.012 min

Lab File: BF133383.D

Acq: 15 May 2023 13:28

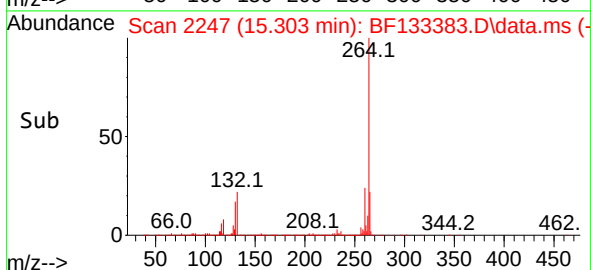
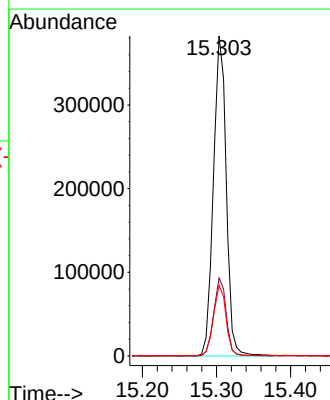
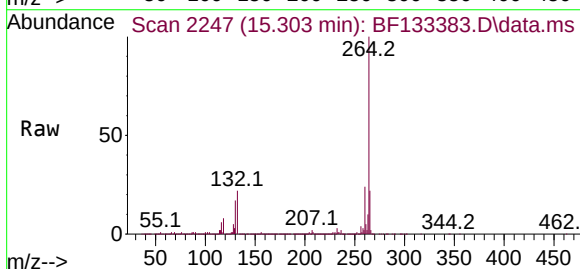
Tgt Ion:264 Resp: 460028

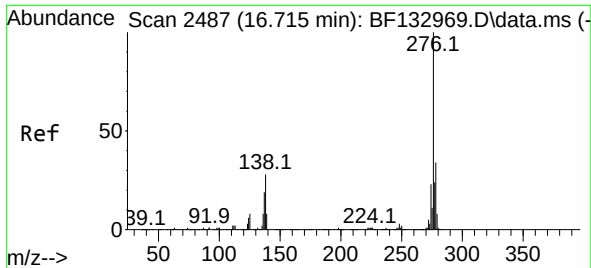
Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 22.0 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.396 ng
RT: 16.698 min Scan# 2487
Delta R.T. 0.018 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

Instrument :

BNA_F

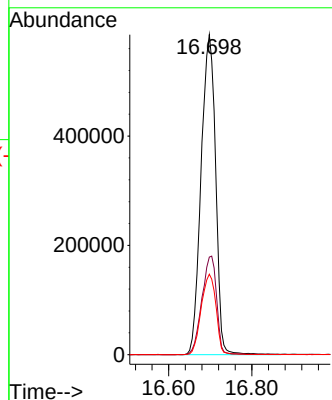
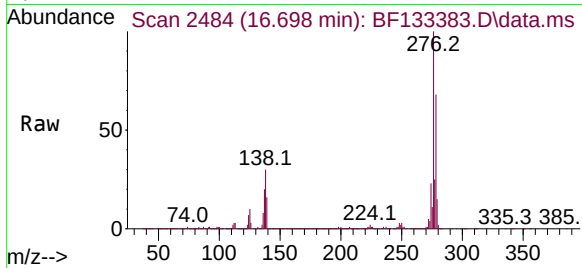
ClientSampleId :

PB152781BS

Tgt Ion:276 Resp: 1423397
Ion Ratio Lower Upper
276 100
138 31.1 25.5 38.3
277 25.5 20.4 30.6

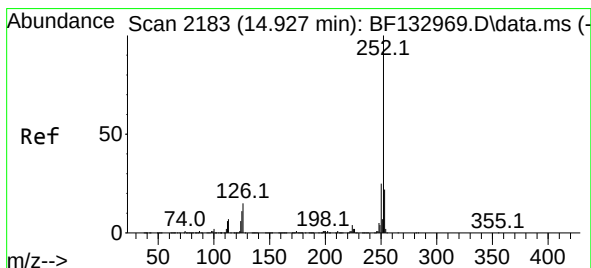
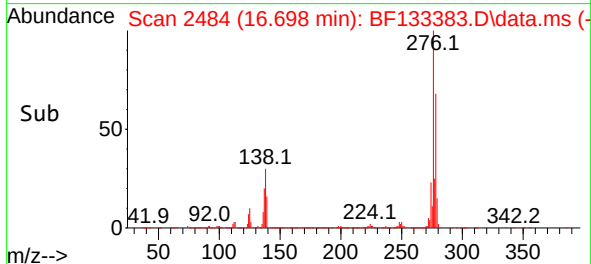
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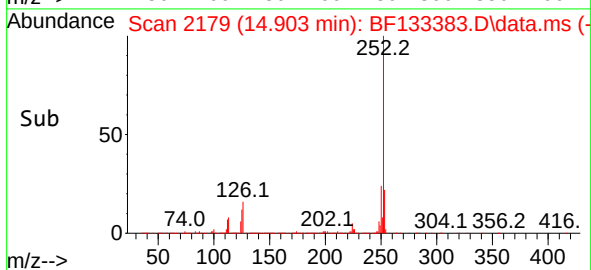
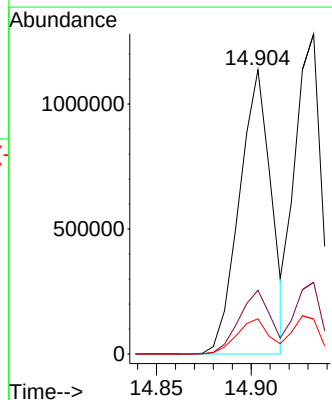
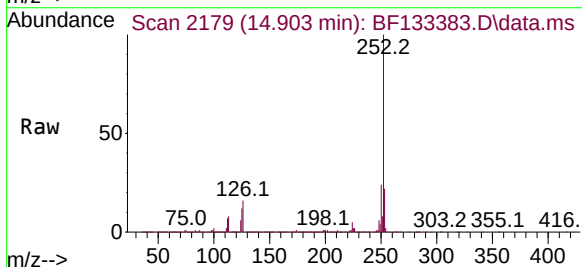
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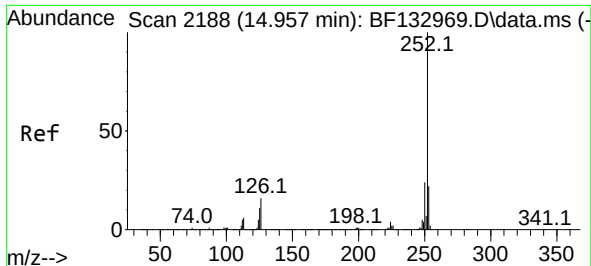
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#88
Benzo(b)fluoranthene
Concen: 45.462 ng
RT: 14.903 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

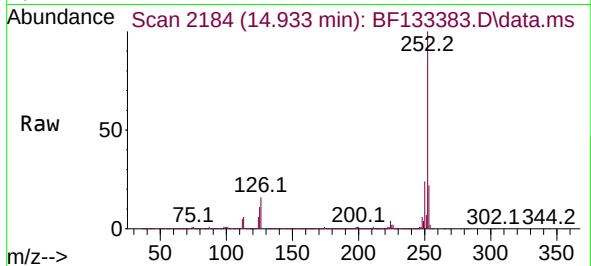
Tgt Ion:252 Resp: 1330524
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 12.4 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 43.238 ng
RT: 14.933 min Scan# 2188
Delta R.T. 0.012 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

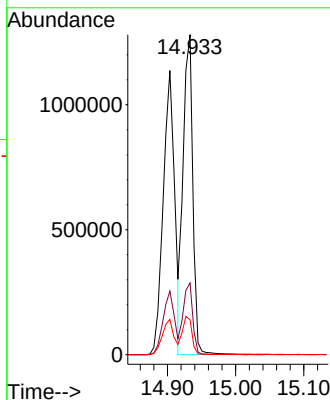
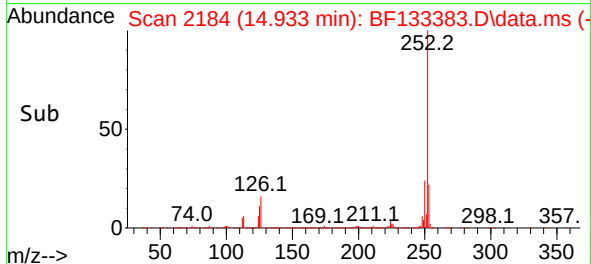
Instrument :
BNA_F
ClientSampleId :
PB152781BS



Tgt Ion:252 Resp: 1254390
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 10.9 9.0 13.4

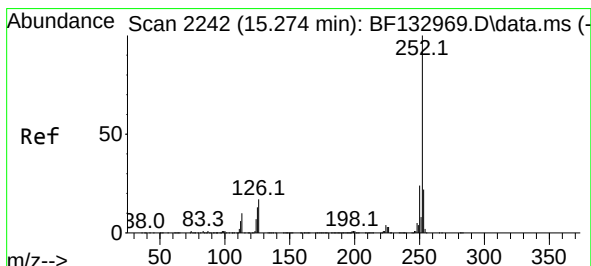
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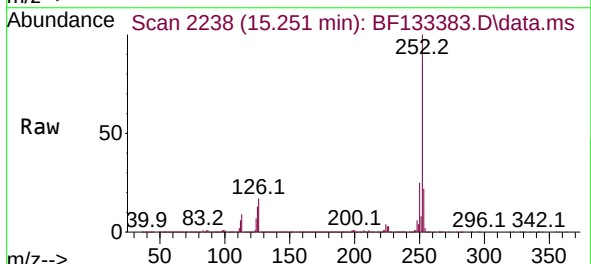


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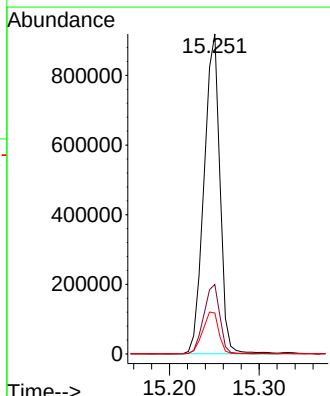
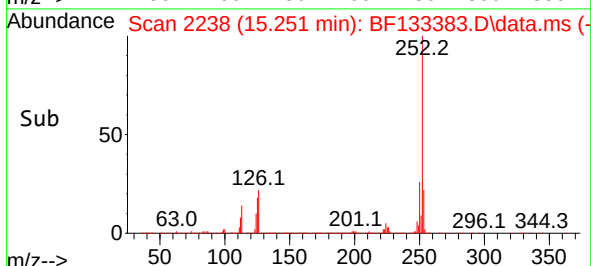
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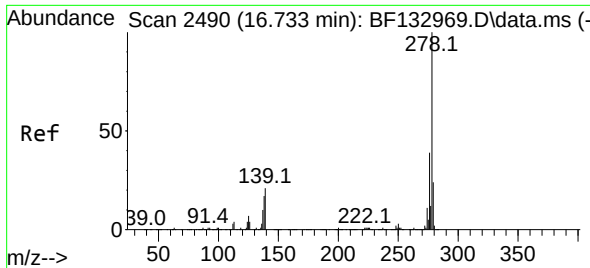


#90
Benzo(a)pyrene
Concen: 42.362 ng
RT: 15.251 min Scan# 2238
Delta R.T. 0.012 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28



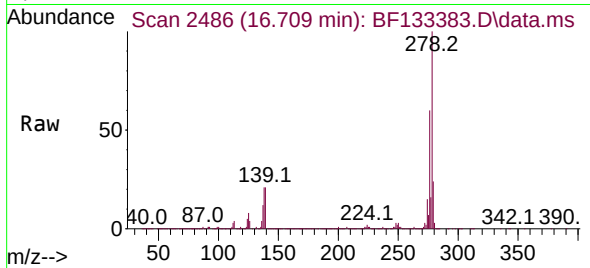
Tgt Ion:252 Resp: 1128465
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 12.8 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 53.732 ng
RT: 16.709 min Scan# 2490
Delta R.T. 0.018 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28

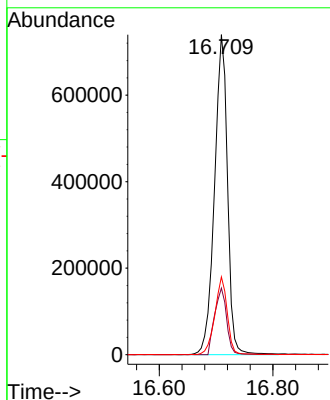
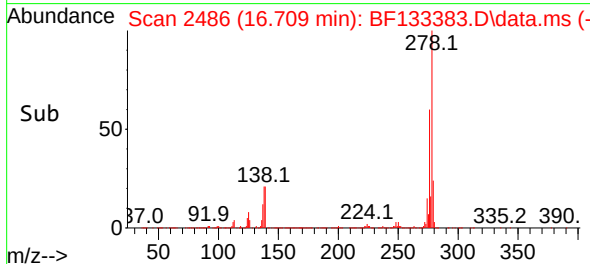
Instrument :
BNA_F
ClientSampleId :
PB152781BS



Tgt Ion:278 Resp: 117268
Ion Ratio Lower Upper
278 100
139 20.8 16.6 24.8
279 24.3 18.8 28.2

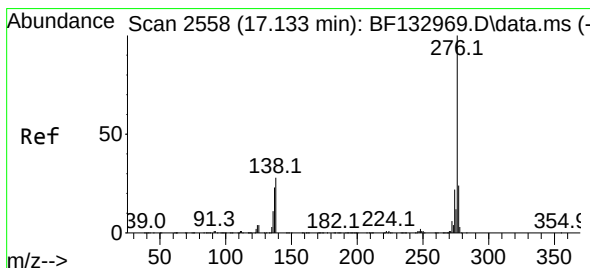
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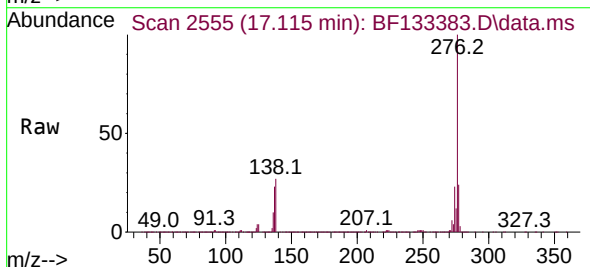


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Patel

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#92
Benzo(g,h,i)perylene
Concen: 55.824 ng
RT: 17.115 min Scan# 2555
Delta R.T. 0.023 min
Lab File: BF133383.D
Acq: 15 May 2023 13:28



Tgt Ion:276 Resp: 1202814
Ion Ratio Lower Upper
276 100
277 24.3 19.4 29.0
138 27.5 22.7 34.1

