

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133214.D
 Acq On : 03 May 2023 18:48
 Operator : CG\JU
 Sample : 02588-09MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZONE-A-6-9-05022023MSD

Quant Time: May 04 01:40:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:31:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							05/04/2023
1) 1,4-Dichlorobenzene-d4	6.728	152	201011	20.000	ng	0.00	Supervised By :Jagrut Opadhyay
21) Naphthalene-d8	8.016	136	833430	20.000	ng	0.00	
39) Acenaphthene-d10	9.769	164	429818	20.000	ng	0.00	
64) Phenanthrene-d10	11.251	188	697507	20.000	ng	0.00	
76) Chrysene-d12	13.886	240	360468	20.000	ng	0.00	
86) Perylene-d12	15.304	264	430520	20.000	ng	0.00	05/04/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1463899	110.013	ng	0.01	
7) Phenol-d6	6.375	99	1773521	107.380	ng	0.00	
23) Nitrobenzene-d5	7.298	82	1096325	71.003	ng	0.00	
42) 2,4,6-Tribromophenol	10.557	330	336256	77.789	ng	0.00	
45) 2-Fluorobiphenyl	9.092	172	1780271	69.294	ng	0.00	
79) Terphenyl-d14	12.833	244	1493625	71.463	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	261082	42.300	ng		97
3) Pyridine	3.157	79	649257	39.606	ng		98
4) n-Nitrosodimethylamine	3.116	42	355758	41.898	ng		99
6) Aniline	6.393	93	442299	20.792	ng	#	1
8) 2-Chlorophenol	6.516	128	632840	46.841	ng		95
9) Benzaldehyde	6.275	77	346627	49.201	ng		98
10) Phenol	6.393	94	754886	41.431	ng		88
11) bis(2-Chloroethyl)ether	6.469	93	592353	43.323	ng		99
12) 1,3-Dichlorobenzene	6.675	146	655620	45.643	ng		95
13) 1,4-Dichlorobenzene	6.745	146	672054	46.683	ng		100
14) 1,2-Dichlorobenzene	6.898	146	639072	48.151	ng		97
15) Benzyl Alcohol	6.881	79	530757	46.522	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	992649	41.799	ng		93
17) 2-Methylphenol	6.998	107	526155	42.530	ng		98
18) Hexachloroethane	7.240	117	232318	46.417	ng		92
19) n-Nitroso-di-n-propyla...	7.151	70	411697	40.040	ng		98
20) 3+4-Methylphenols	7.151	107	680022	46.675	ng	#	75
22) Acetophenone	7.140	105	830453	43.015	ng	#	96
24) Nitrobenzene	7.316	77	640860	40.959	ng		97
25) Isophorone	7.557	82	1199920	40.930	ng		99
26) 2-Nitrophenol	7.634	139	352732	46.740	ng		95
27) 2,4-Dimethylphenol	7.681	122	575372	44.463	ng		97
28) bis(2-Chloroethoxy)met...	7.769	93	734948	42.377	ng		99
29) 2,4-Dichlorophenol	7.881	162	523186	44.412	ng		97
30) 1,2,4-Trichlorobenzene	7.957	180	537614	44.051	ng		100
31) Naphthalene	8.039	128	1773715	42.567	ng		99
32) Benzoic acid	7.798	122	39545	4.947	ng		95
33) 4-Chloroaniline	8.087	127	284224	16.882	ng		99
34) Hexachlorobutadiene	8.157	225	293744	43.427	ng		99
35) Caprolactam	8.457	113	147096m	37.170	ng		
36) 4-Chloro-3-methylphenol	8.581	107	555946	43.763	ng		95
37) 2-Methylnaphthalene	8.728	142	1172846	41.170	ng		98
38) 1-Methylnaphthalene	8.828	142	1095397	41.103	ng		100
40) 1,2,4,5-Tetrachloroben...	8.898	216	485556	42.015	ng		99
41) Hexachlorocyclopentadiene	8.886	237	424745	63.020	ng		98
43) 2,4,6-Trichlorophenol	9.010	196	310726	38.879	ng		99

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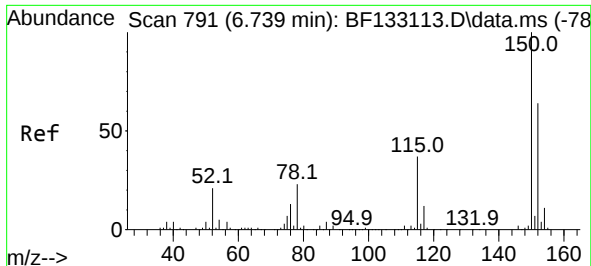
Reviewed By : Christian
 Giraldo

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	328238	35.511	ng	99
46) 1,1'-Biphenyl	9.192	154	1419516	41.649	ng	100
47) 2-Chloronaphthalene	9.216	162	1079395	43.269	ng	99
48) 2-Nitroaniline	9.316	65	355139	43.075	ng	96
49) Acenaphthylene	9.633	152	1663297	41.728	ng	100
50) Dimethylphthalate	9.498	163	1276358	42.587	ng	99
51) 2,6-Dinitrotoluene	9.557	165	297180	44.056	ng	93
52) Acenaphthene	9.804	154	1031195	38.627	ng	99
53) 3-Nitroaniline	9.722	138	253386	31.592	ng	99
54) 2,4-Dinitrophenol	9.828	184	16238	4.789	ng	91
55) Dibenzofuran	9.975	168	1497011	41.108	ng	99
56) 4-Nitrophenol	9.892	139	362250	58.314	ng	93
57) 2,4-Dinitrotoluene	9.957	165	381673	44.368	ng	97
58) Fluorene	10.316	166	1097673	41.142	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.092	232	189480m	26.442	ng	
60) Diethylphthalate	10.192	149	1202092	42.463	ng	100
61) 4-Chlorophenyl-phenyle...	10.310	204	535270	41.169	ng	97
62) 4-Nitroaniline	10.339	138	322239	43.713	ng	98
63) Azobenzene	10.469	77	1221708	40.739	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	40843	9.661	ng	94
66) n-Nitrosodiphenylamine	10.428	169	1018449	45.014	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	332901	44.006	ng	97
68) Hexachlorobenzene	10.869	284	348965	45.018	ng	98
69) Atrazine	10.957	200	333981	51.229	ng	97
70) Pentachlorophenol	11.057	266	156932	28.426	ng	98
71) Phenanthrene	11.275	178	1617402	43.143	ng	100
72) Anthracene	11.328	178	1611525	42.004	ng	99
73) Carbazole	11.480	167	1423513	41.669	ng	99
74) Di-n-butylphthalate	11.816	149	1764395	45.639	ng	100
75) Fluoranthene	12.463	202	1442173	38.331	ng	97
77) Benzidine	12.580	184	454340m	74.534	ng	
78) Pyrene	12.686	202	1420289	45.963	ng	99
80) Butylbenzylphthalate	13.310	149	574004	52.463	ng	96
81) Benzo(a)anthracene	13.874	228	1048844	42.312	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	204927	29.926	ng	99
83) Chrysene	13.916	228	1055259	42.581	ng	99
84) Bis(2-ethylhexyl)phtha...	13.874	149	675574	49.193	ng	99
85) Di-n-octyl phthalate	14.486	149	1293708	57.774	ng	98
87) Indeno(1,2,3-cd)pyrene	16.686	276	1079081	44.064	ng	99
88) Benzo(b)fluoranthene	14.904	252	1210540	44.198	ng	99
89) Benzo(k)fluoranthene	14.933	252	1110251	40.892	ng	99
90) Benzo(a)pyrene	15.251	252	1055776	42.350	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	894718	43.805	ng	99
92) Benzo(g,h,i)perylene	17.104	276	806626	40.002	ng	97

05/04/2023
 Supervised By : Jagrut
 Upadhyay

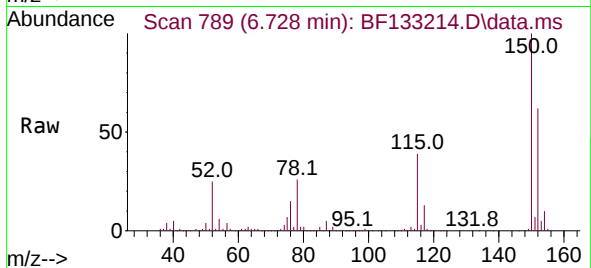
05/04/2023

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

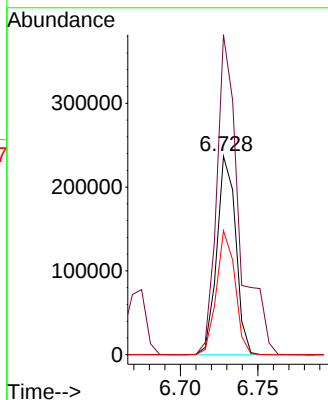
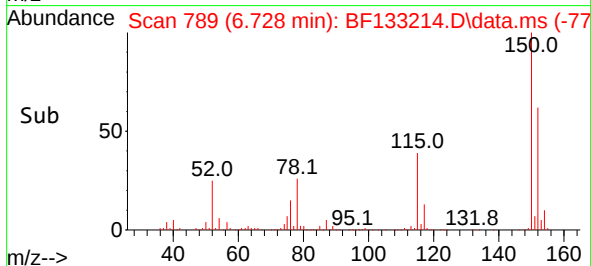
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion: 152 Resp: 20101
Ion Ratio Lower Upper
152 100
150 161.3 124.8 187.2
115 62.5 49.9 74.9

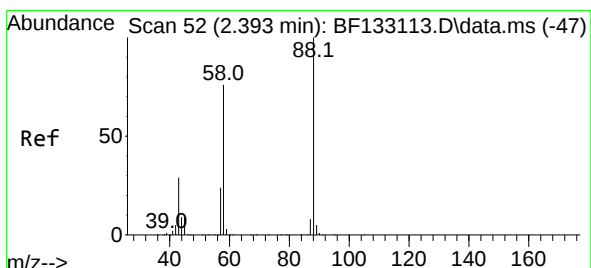
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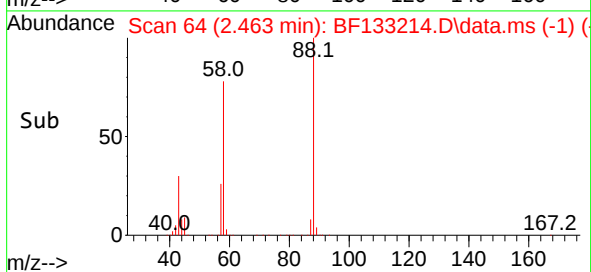
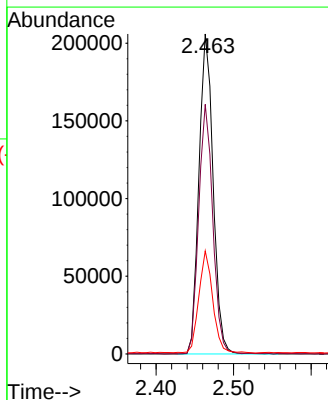
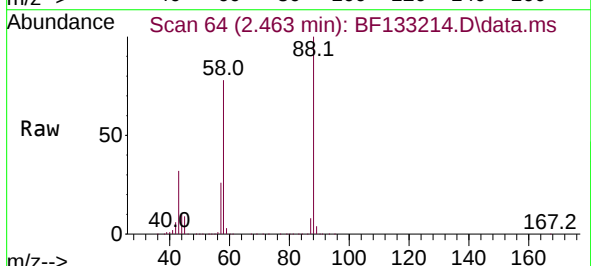
05/04/2023
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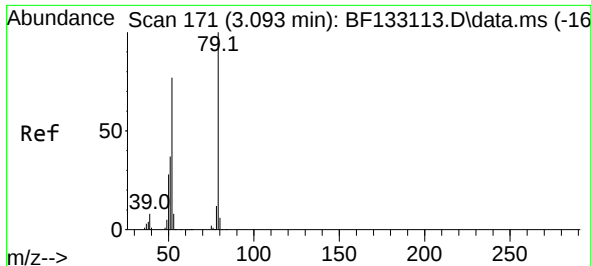
05/04/2023



#2
1,4-Dioxane
Concen: 42.300 ng
RT: 2.463 min Scan# 64
Delta R.T. 0.088 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

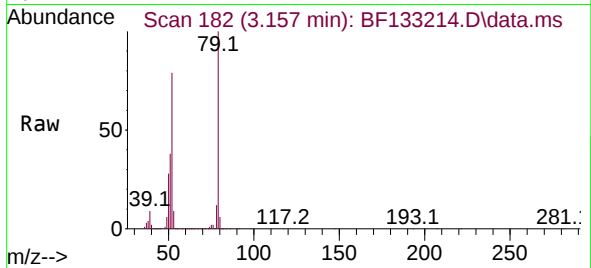
Tgt Ion: 88 Resp: 261082
Ion Ratio Lower Upper
88 100
58 78.1 64.7 97.1
43 31.5 26.2 39.2





#3
Pyridine
Concen: 39.606 ng
RT: 3.157 min Scan# 171
Delta R.T. 0.082 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

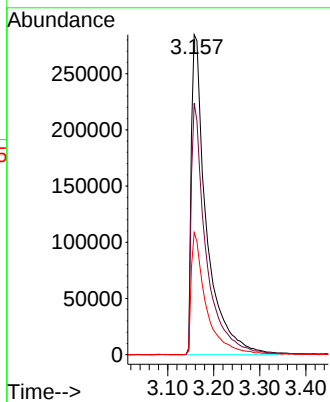
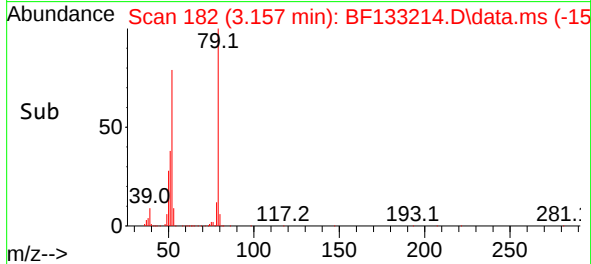
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion: 79 Resp: 64925
Ion Ratio Lower Upper
79 100
52 78.5 64.6 96.8
51 38.2 30.0 45.0

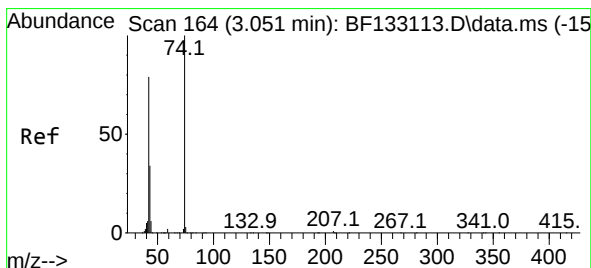
Manual Integrations
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Giraldo



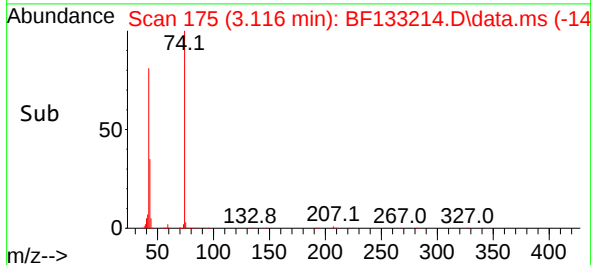
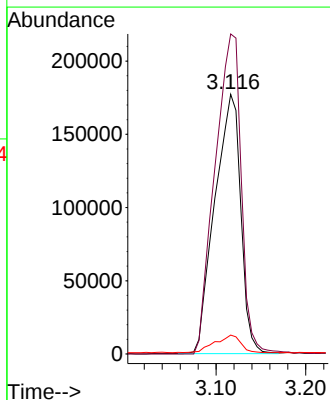
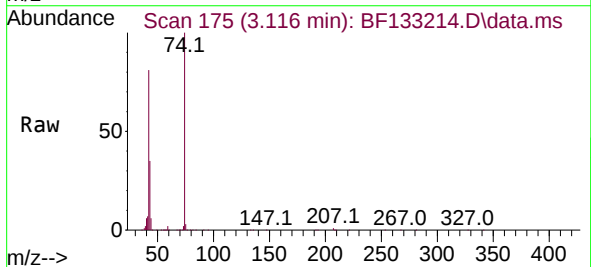
05/04/2023
Supervised By :Jagrut
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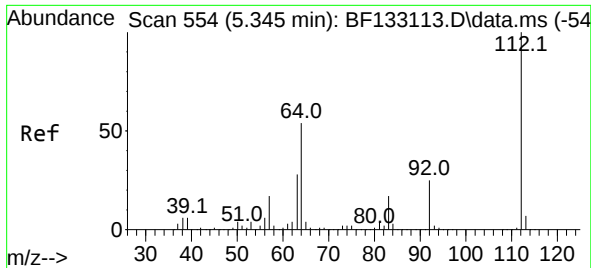
05/04/2023



#4
n-Nitrosodimethylamine
Concen: 41.898 ng
RT: 3.116 min Scan# 175
Delta R.T. 0.082 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

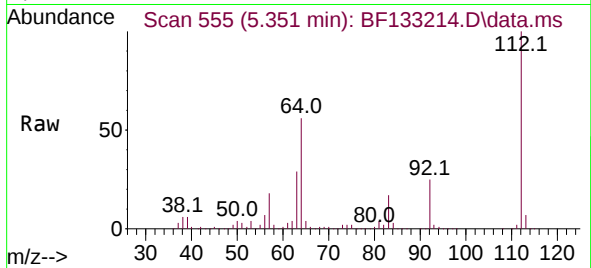
Tgt Ion: 42 Resp: 355758
Ion Ratio Lower Upper
42 100
74 123.2 98.0 147.0
44 7.3 5.8 8.8





#5
2-Fluorophenol
Concen: 110.013 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

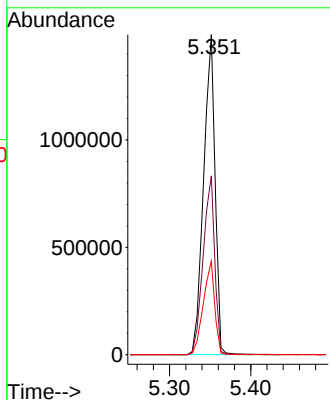
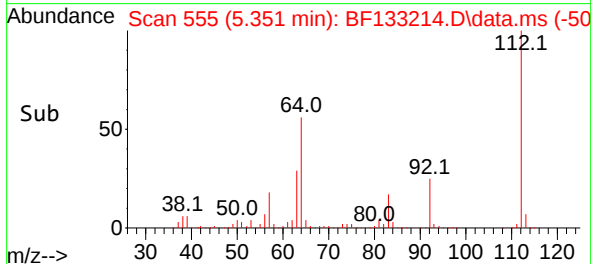
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ZONE-A-6-9-05022023MSD



Tgt Ion:112 Resp: 1463899
Ion Ratio Lower Upper
112 100
64 55.9 46.8 70.2
63 29.2 23.8 35.8

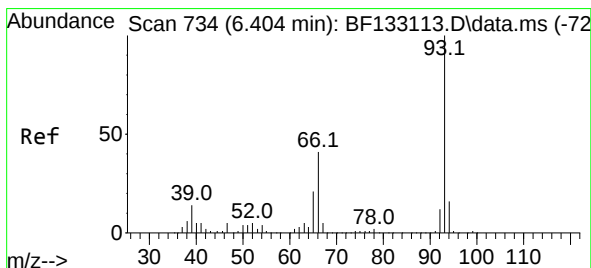
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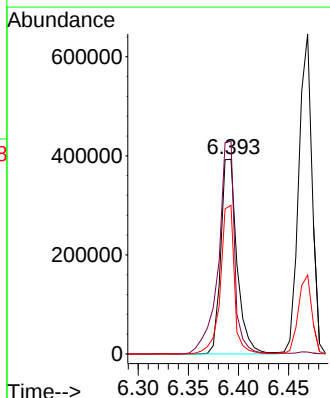
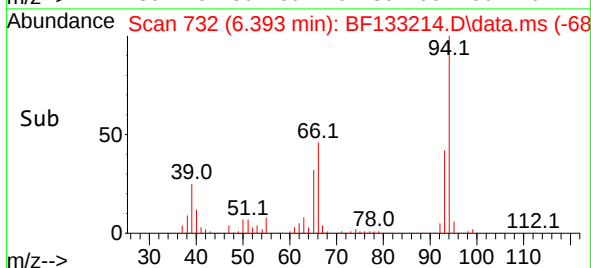
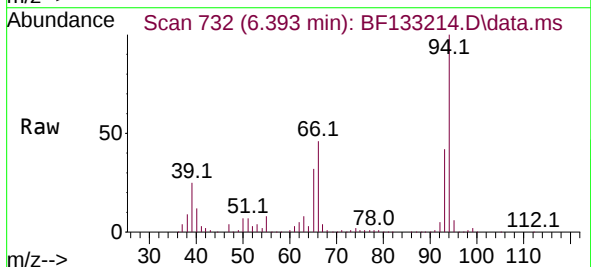
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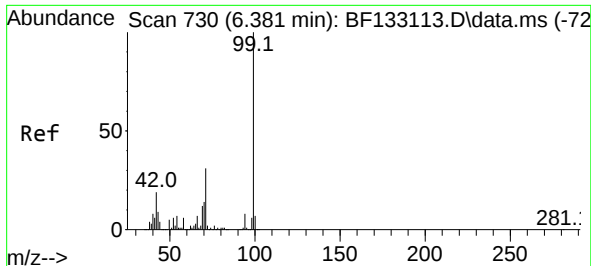
05/04/2023



#6
Aniline
Concen: 20.792 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

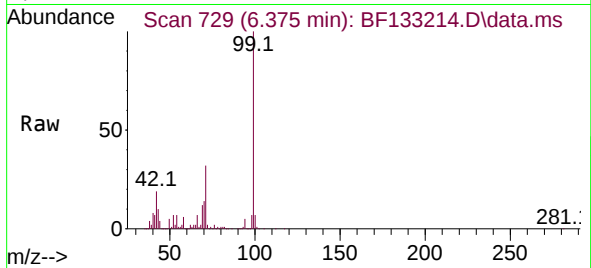
Tgt Ion: 93 Resp: 442299
Ion Ratio Lower Upper
93 100
66 109.3 31.5 47.3#
65 76.4 16.4 24.6#





#7
Phenol-d6
Concen: 107.380 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

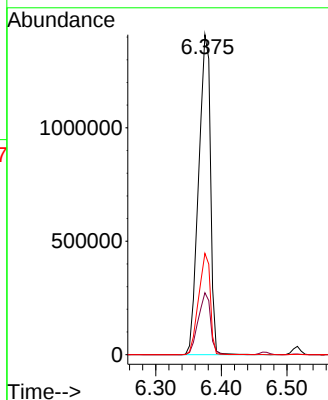
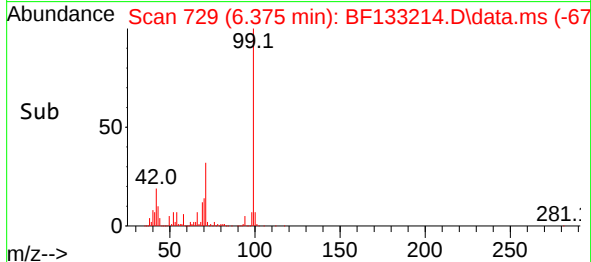
Instrument :
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ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion: 99 Resp: 177352
Ion Ratio Lower Upper
99 100
42 19.3 16.3 24.5
71 31.6 25.6 38.4

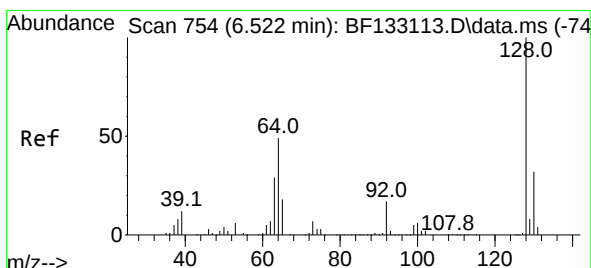
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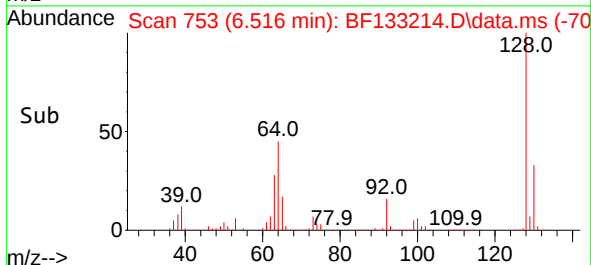
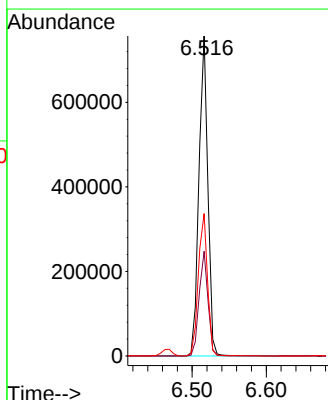
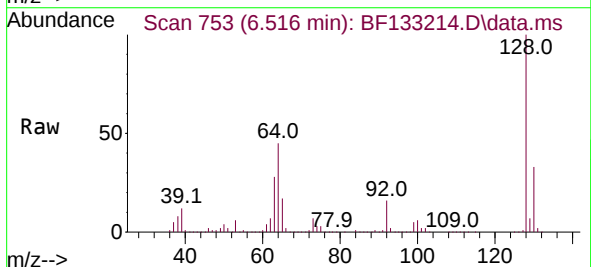
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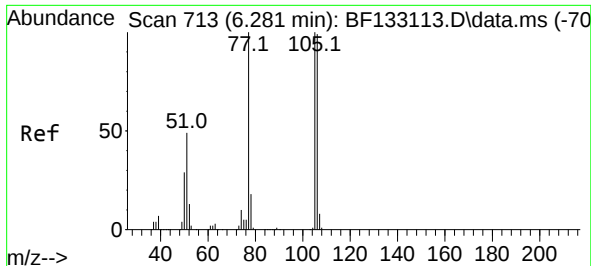
05/04/2023



#8
2-Chlorophenol
Concen: 46.841 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

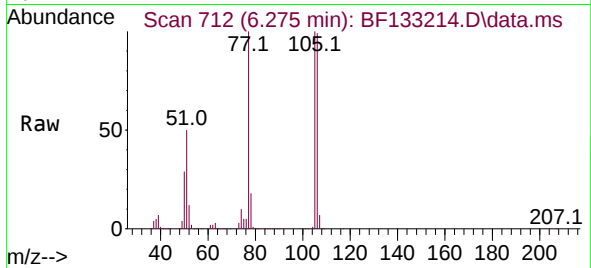
Tgt Ion:128 Resp: 632840
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 44.5 30.3 70.3





#9
Benzaldehyde
Concen: 49.201 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

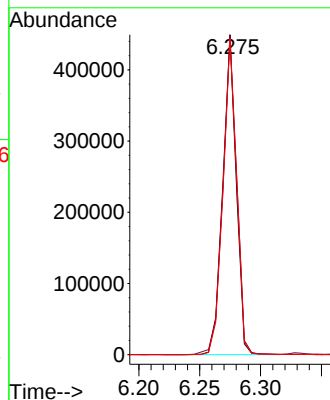
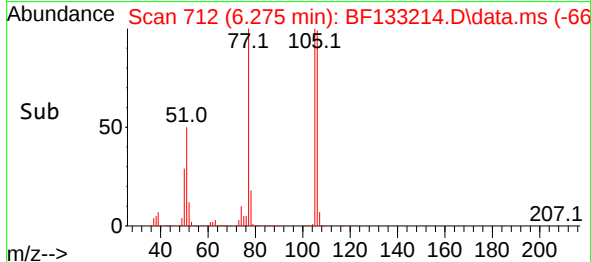
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion: 77 Resp: 34662
Ion Ratio Lower Upper
77 100
105 99.9 82.3 122.3
106 98.8 80.8 120.8

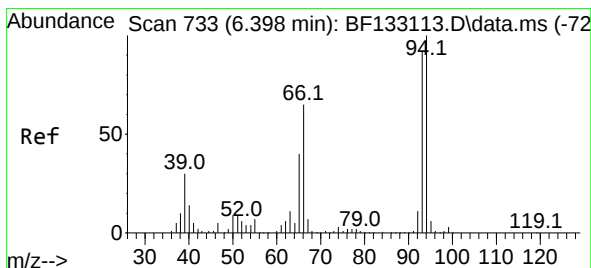
Manual Integrations
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Giraldo



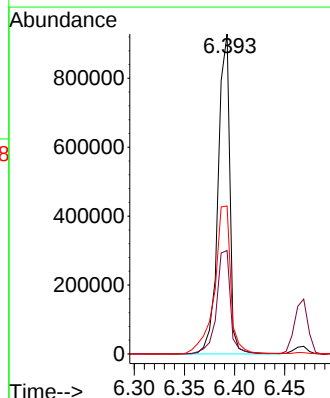
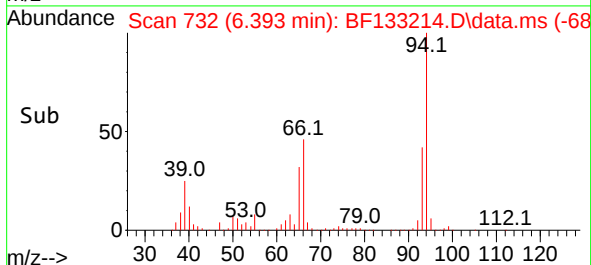
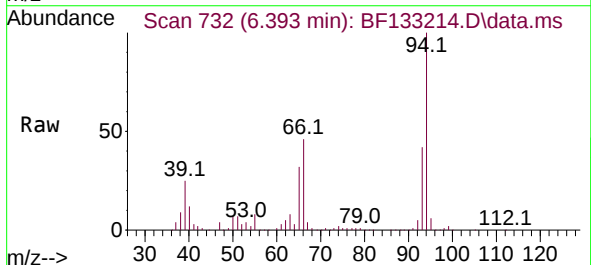
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Upadhyay

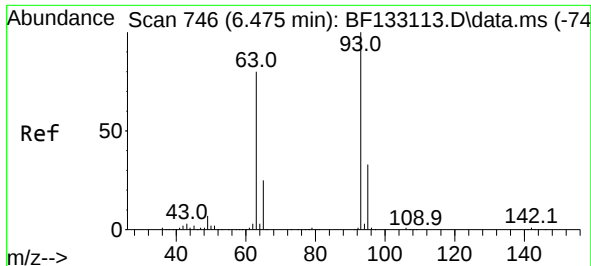
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#10
Phenol
Concen: 41.431 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

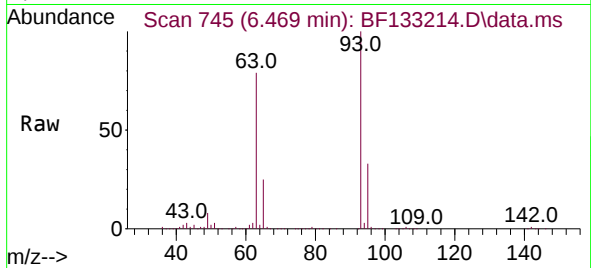
Tgt Ion: 94 Resp: 754886
Ion Ratio Lower Upper
94 100
65 32.3 8.6 48.6
66 46.2 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 43.323 ng
RT: 6.469 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

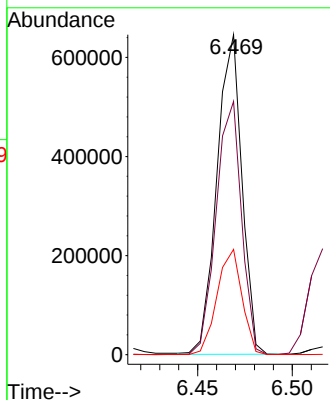
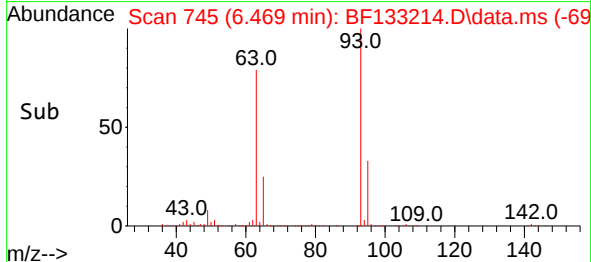
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion: 93 Resp: 59235
Ion Ratio Lower Upper
93 100
63 79.1 60.6 100.6
95 32.9 12.9 52.9

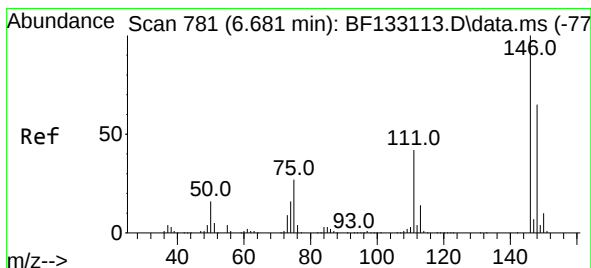
Manual Integrations
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Reviewed By :Christian
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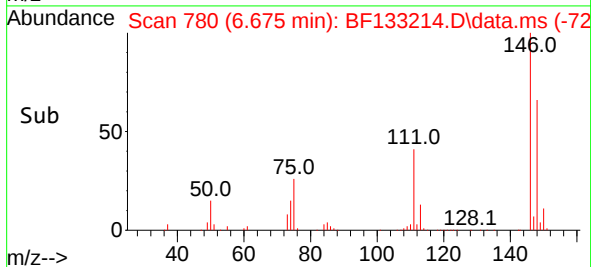
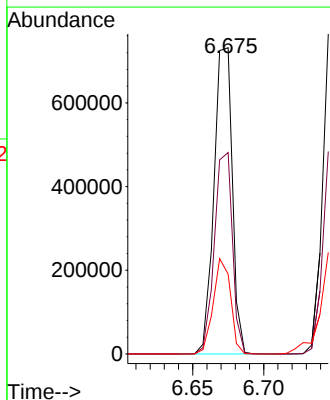
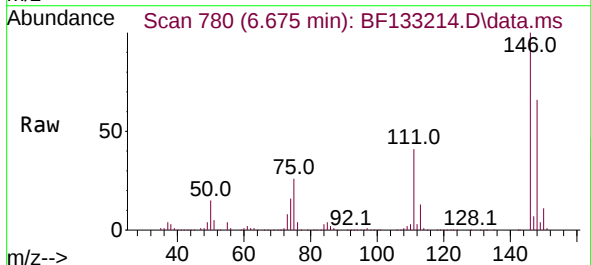
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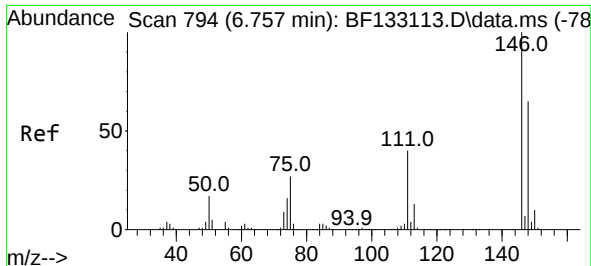
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#12
1,3-Dichlorobenzene
Concen: 45.643 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

Tgt Ion:146 Resp: 655620
Ion Ratio Lower Upper
146 100
148 65.8 51.0 76.4
75 26.1 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 46.683 ng

RT: 6.745 min Scan# 794

Delta R.T. -0.006 min

Lab File: BF133214.D

Acq: 03 May 2023 18:48

Instrument :

BNA_F

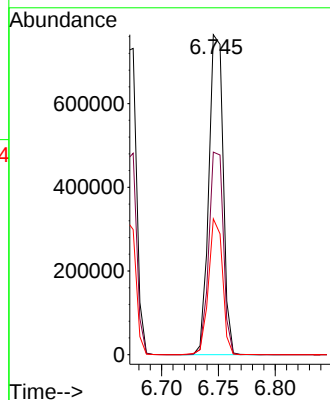
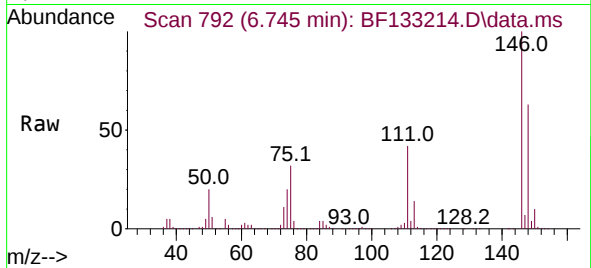
ClientSampleId :

ZONE-A-6-9-05022023MSD

Tgt Ion:146 Resp: 672054
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.3 75.5
 111 42.5 33.8 50.6

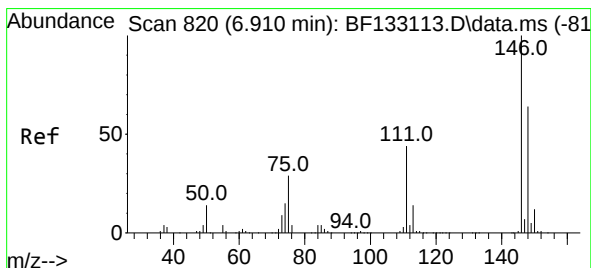
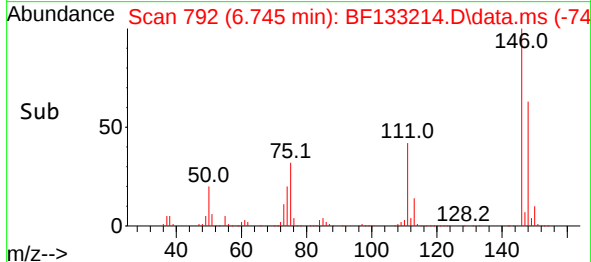
Manual Integrations
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 Giraldo



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 Supervised By :Jagrut
 Upadhyay

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#14

1,2-Dichlorobenzene

Concen: 48.151 ng

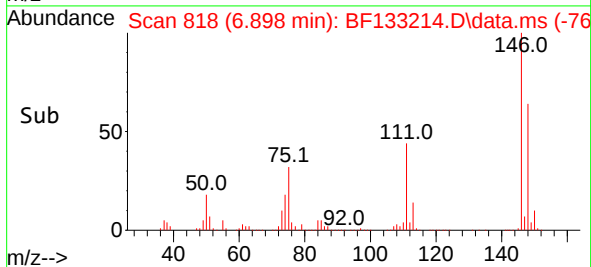
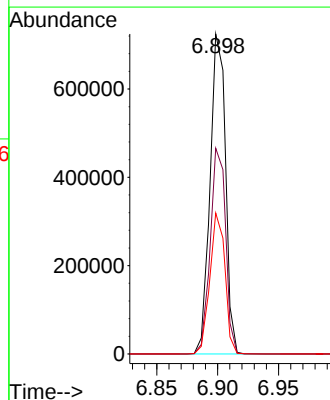
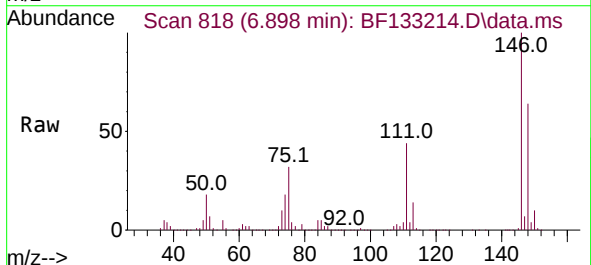
RT: 6.898 min Scan# 818

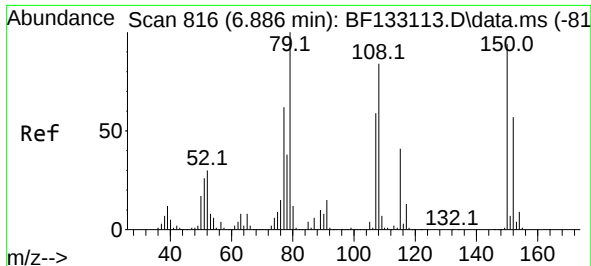
Delta R.T. -0.006 min

Lab File: BF133214.D

Acq: 03 May 2023 18:48

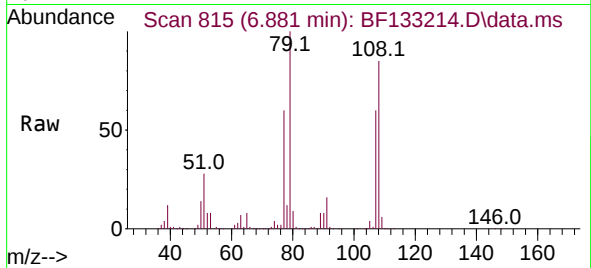
Tgt Ion:146 Resp: 639072
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 44.0 32.8 49.2





#15
Benzyl Alcohol
Concen: 46.522 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

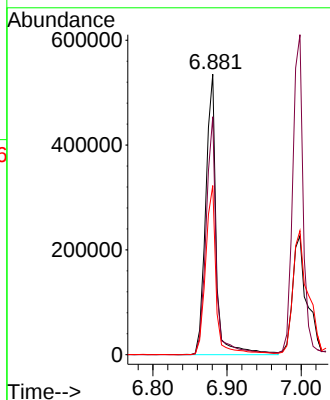
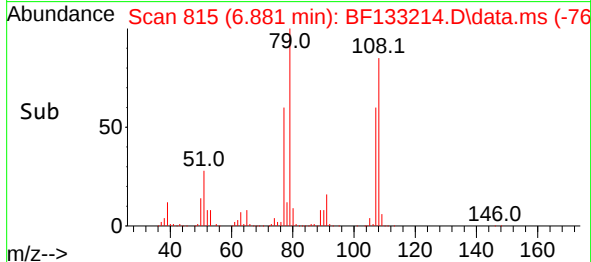
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion: 79 Resp: 53075
Ion Ratio Lower Upper
79 100
108 84.8 66.6 99.8
77 60.3 49.2 73.8

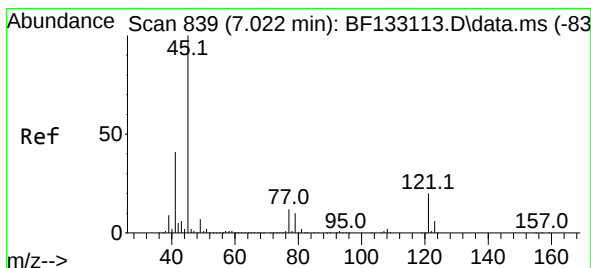
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Reviewed By :Christian
Giraldo



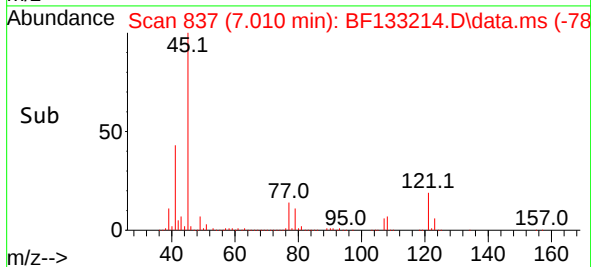
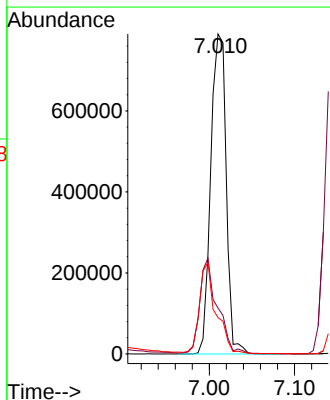
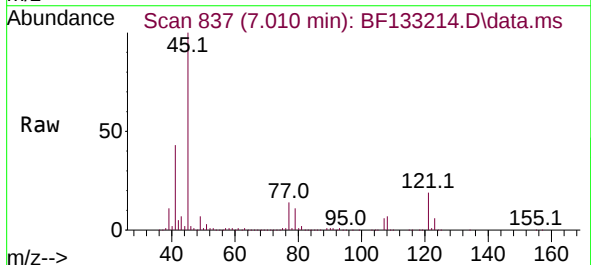
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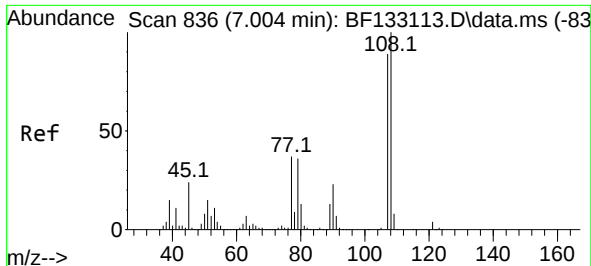
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.799 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

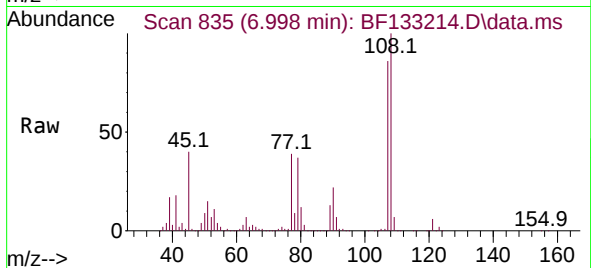
Tgt Ion: 45 Resp: 992649
Ion Ratio Lower Upper
45 100
77 14.4 0.0 31.5
79 11.3 0.0 28.7





#17
2-Methylphenol
Concen: 42.530 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

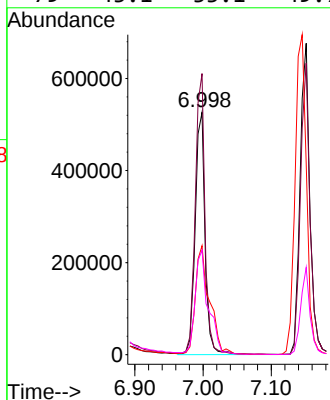
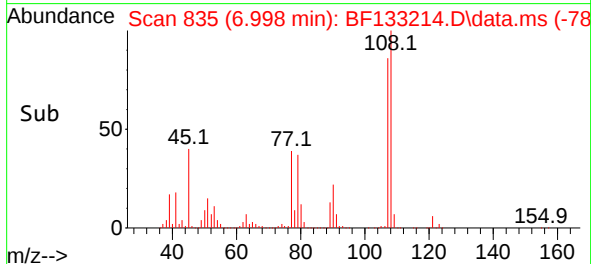
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:	107	Resp:	52615
Ion Ratio	Lower	Upper	
107	100		
108	115.9	92.4	138.6
77	44.9	33.8	50.8
79	43.1	33.1	49.7

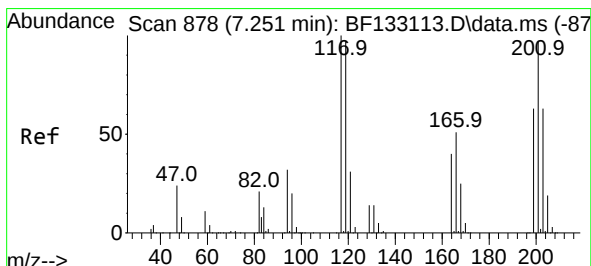
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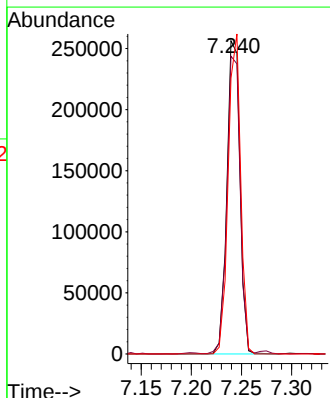
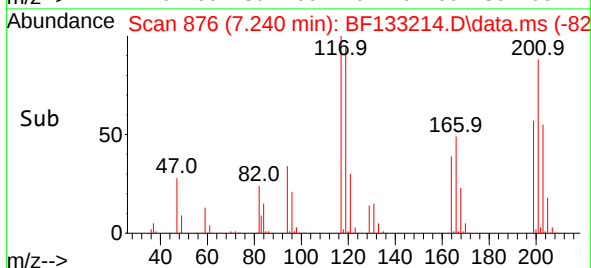
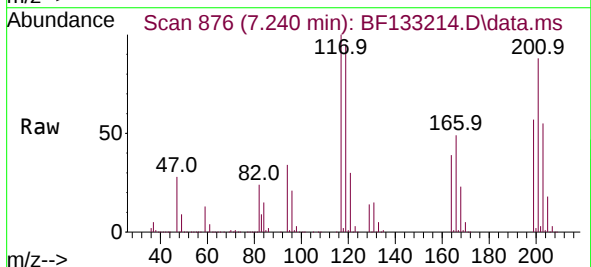
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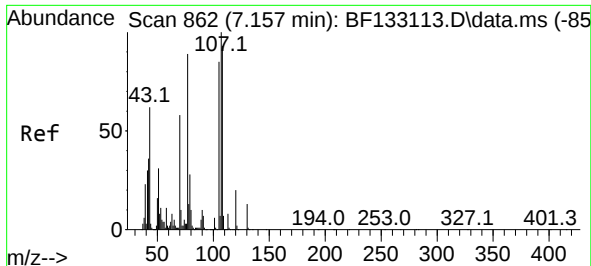
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#18
Hexachloroethane
Concen: 46.417 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

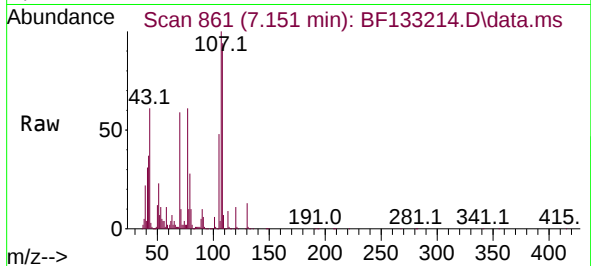
Tgt Ion:	117	Resp:	232318
Ion Ratio	Lower	Upper	
117	100		
119	95.1	78.2	117.4
201	88.1	81.7	122.5





#19
n-Nitroso-di-n-propylamine
Concen: 40.040 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

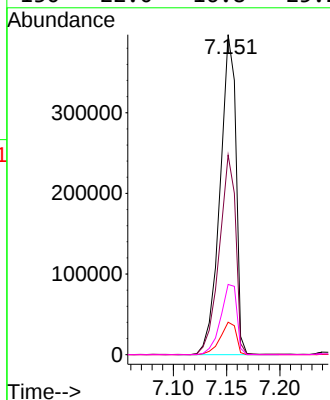
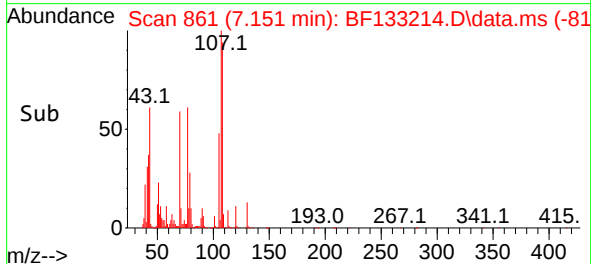
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion: 70 Resp: 41169
Ion Ratio Lower Upper
70 100
42 62.4 51.8 77.6
101 10.2 8.0 12.0
130 22.0 16.8 25.2

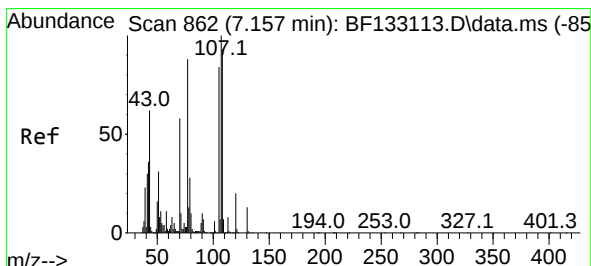
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Reviewed By :Christian
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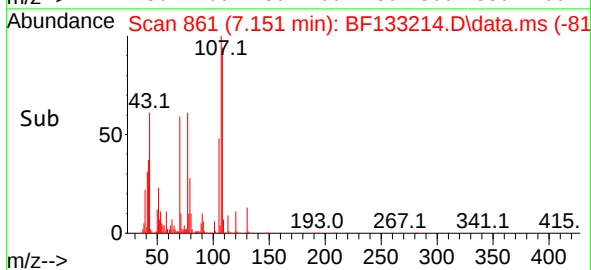
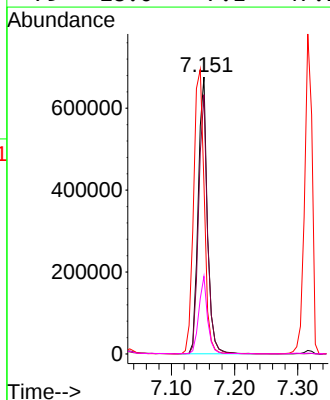
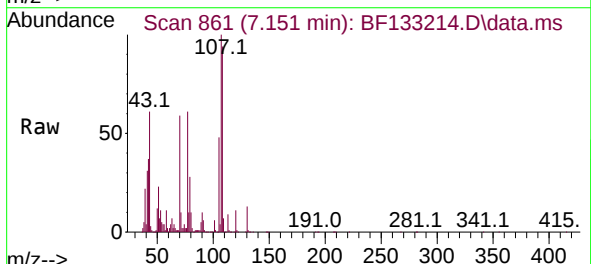
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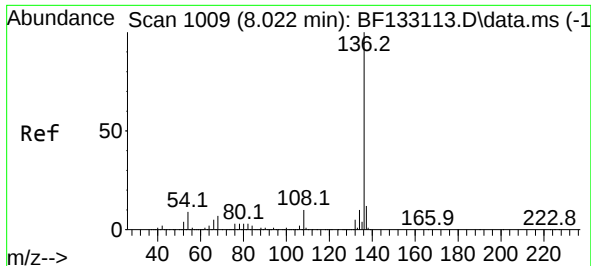
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#20
3+4-Methylphenols
Concen: 46.675 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

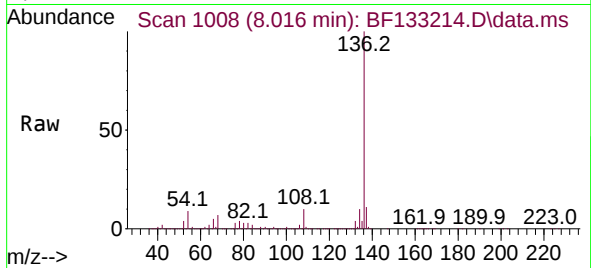
Tgt Ion:107 Resp: 680022
Ion Ratio Lower Upper
107 100
108 93.6 70.5 110.5
77 61.4 91.7 131.7#
79 28.0 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

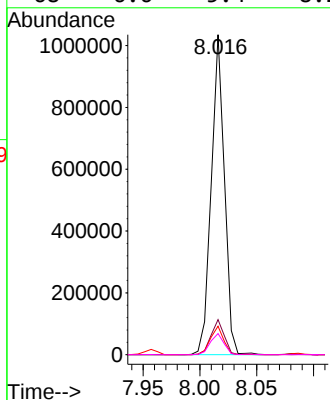
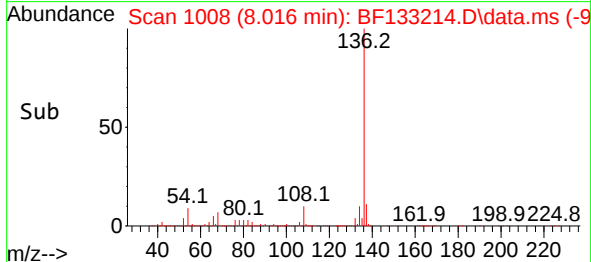
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:136 Resp: 833430
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.9 7.0 10.4
68 6.6 5.4 8.2

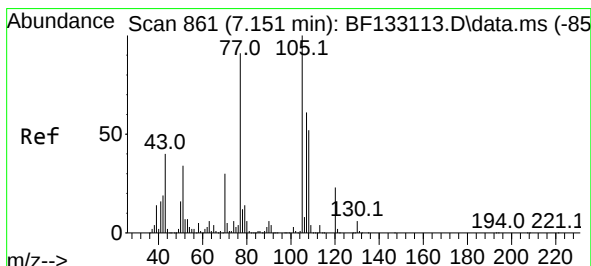
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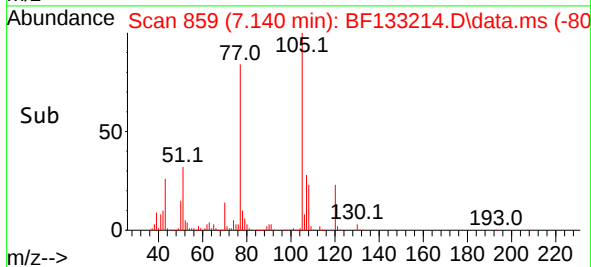
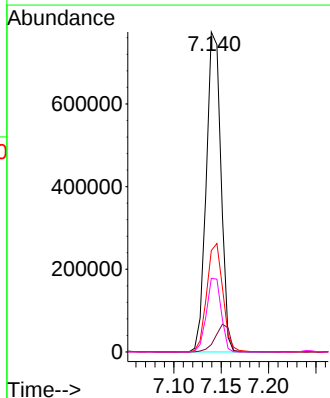
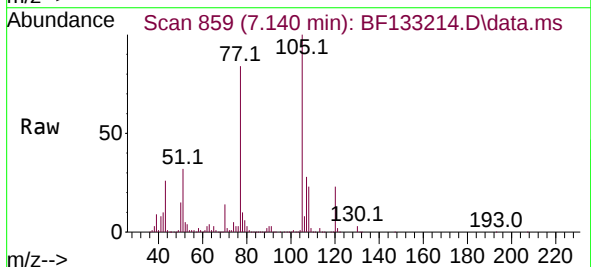
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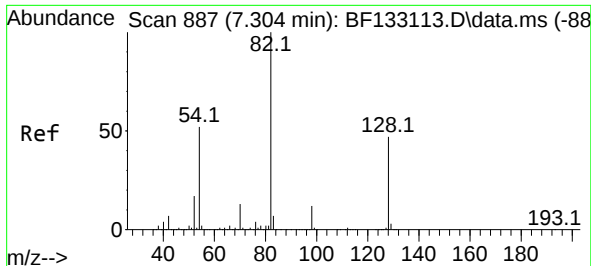
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#22
Acetophenone
Concen: 43.015 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

Tgt Ion:105 Resp: 830453
Ion Ratio Lower Upper
105 100
71 2.3 4.6 7.0#
51 31.7 28.2 42.2
120 23.0 18.4 27.6





#23

Nitrobenzene-d5

Concen: 71.003 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF133214.D

Acq: 03 May 2023 18:48

Instrument :

BNA_F

ClientSampleId :

ZONE-A-6-9-05022023MSD

Tgt Ion: 82 Resp: 109632

Ion Ratio Lower Upper

82 100

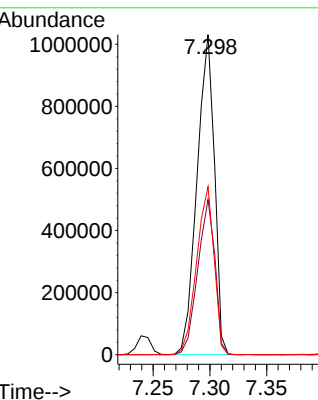
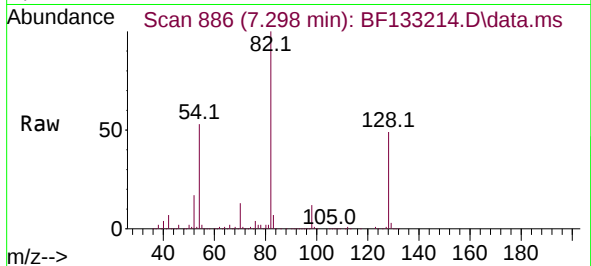
128 48.5 37.7 56.5

54 52.5 43.0 64.4

Manual Integrations

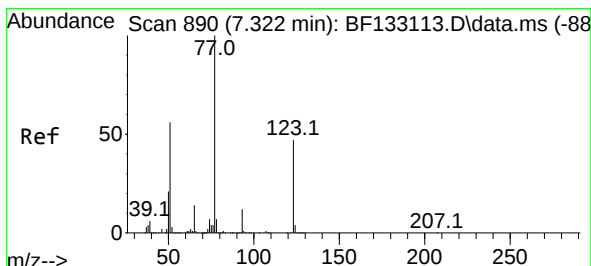
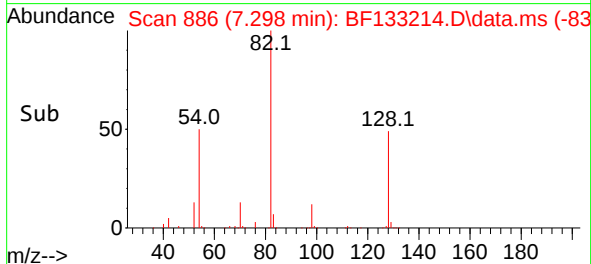
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#24

Nitrobenzene

Concen: 40.959 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF133214.D

Acq: 03 May 2023 18:48

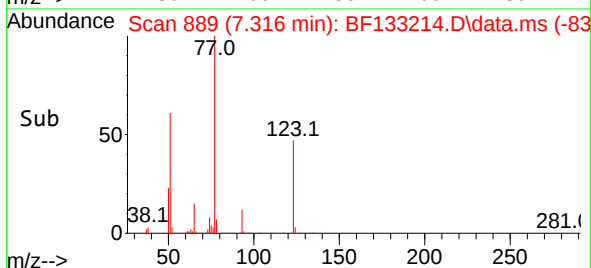
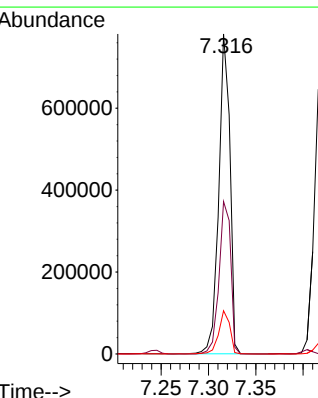
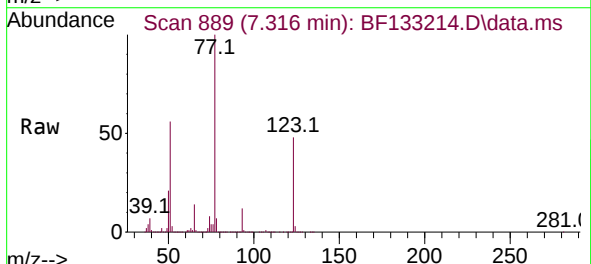
Tgt Ion: 77 Resp: 640860

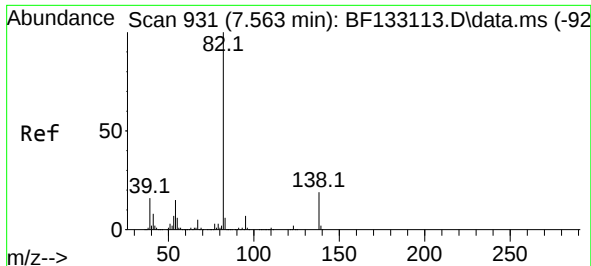
Ion Ratio Lower Upper

77 100

123 47.6 39.9 59.9

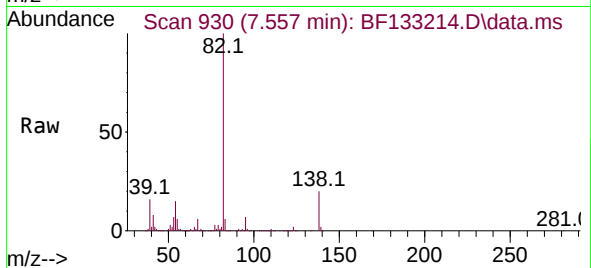
65 13.5 10.7 16.1





#25
Isophorone
Concen: 40.930 ng
RT: 7.557 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

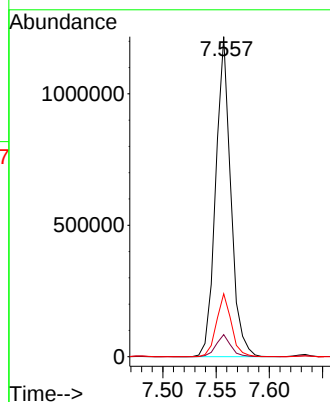
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion: 82 Resp: 1199920
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 19.7 16.0 24.0

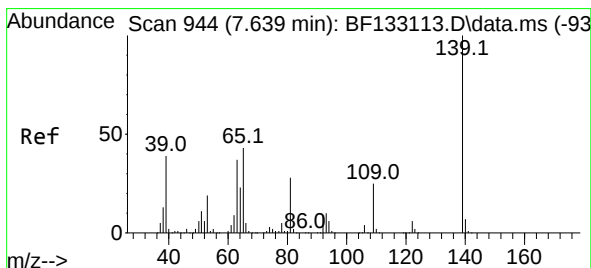
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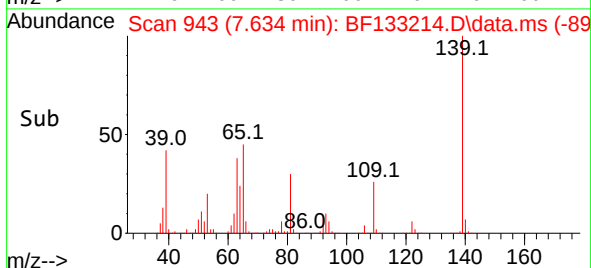
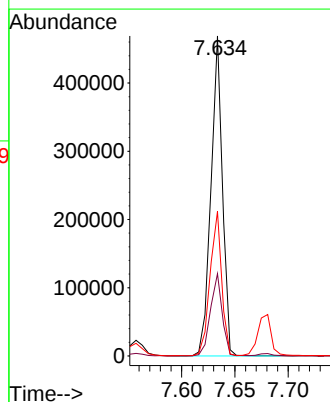
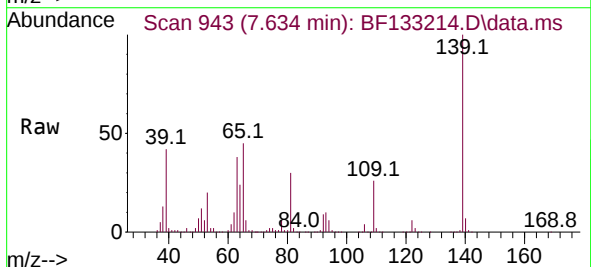
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Supervised By :Jagrut
Upadhyay

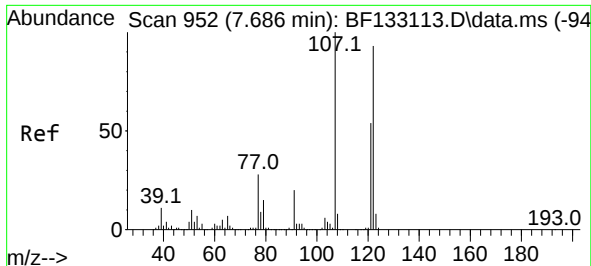
05/04/2023



#26
2-Nitrophenol
Concen: 46.740 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

Tgt Ion:139 Resp: 352732
Ion Ratio Lower Upper
139 100
109 25.7 21.6 32.4
65 45.1 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.463 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF133214.D

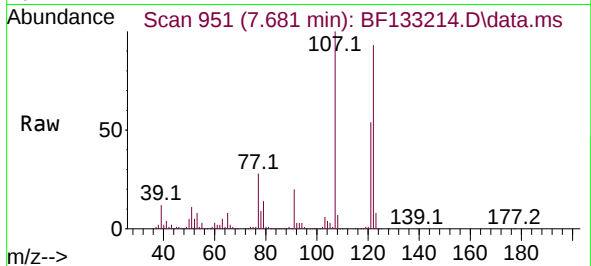
Acq: 03 May 2023 18:48

Instrument :

BNA_F

ClientSampleId :

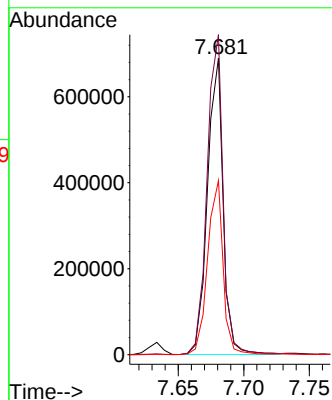
ZONE-A-6-9-05022023MSD



Tgt Ion:	122	Resp:	575372
Ion Ratio	Lower	Upper	
122	100		
107	107.9	89.7	134.5
121	58.7	46.0	69.0

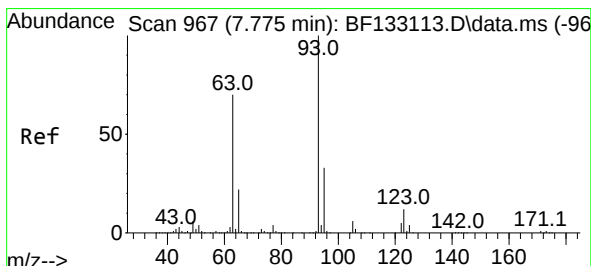
Manual Integrations
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Reviewed By :Christian
Giraldo



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Supervised By :Jagrut
Upadhyay

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#28

bis(2-Chloroethoxy)methane

Concen: 42.377 ng

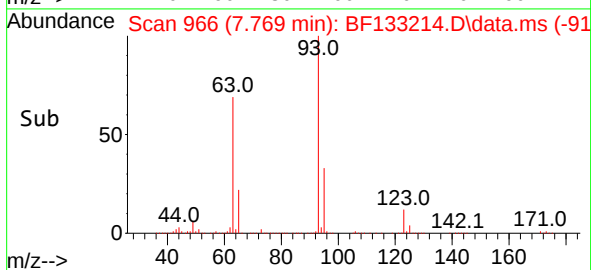
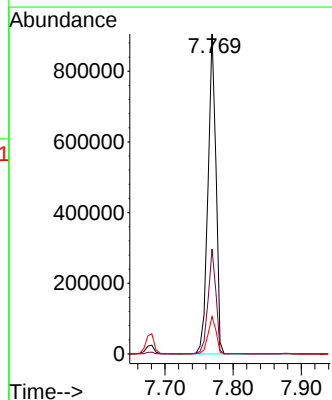
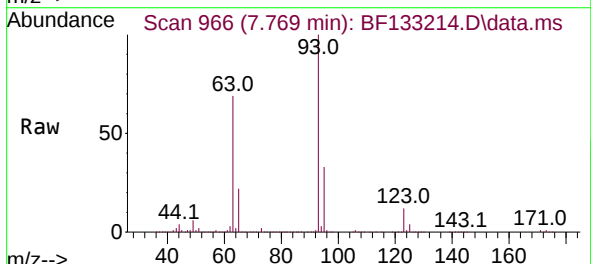
RT: 7.769 min Scan# 966

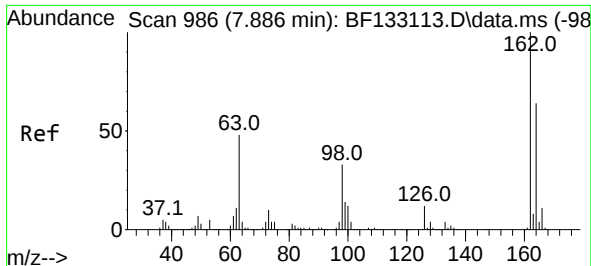
Delta R.T. -0.000 min

Lab File: BF133214.D

Acq: 03 May 2023 18:48

Tgt Ion:	93	Resp:	734948
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.4	39.6
123	11.7	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 44.412 ng

RT: 7.881 min Scan# 986

Delta R.T. 0.006 min

Lab File: BF133214.D

Acq: 03 May 2023 18:48

Instrument :

BNA_F

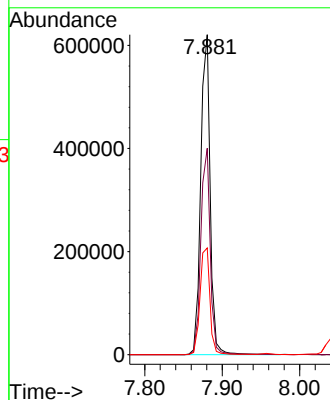
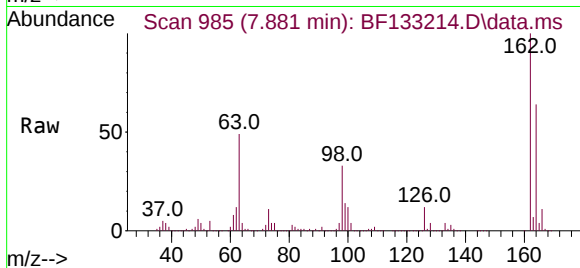
ClientSampleId :

ZONE-A-6-9-05022023MSD

Tgt Ion:162 Resp: 523180
 Ion Ratio Lower Upper
 162 100
 164 64.5 43.9 83.9
 98 33.4 17.0 57.0

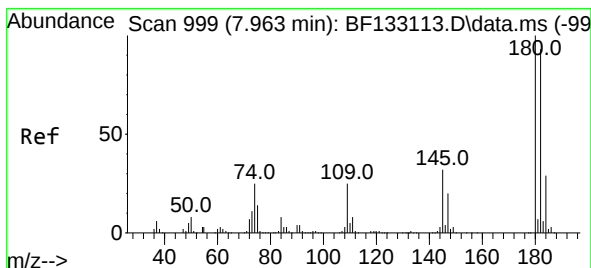
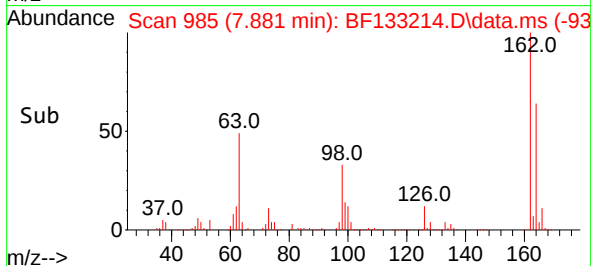
Manual Integrations
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 Upadhyay

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#30

1,2,4-Trichlorobenzene

Concen: 44.051 ng

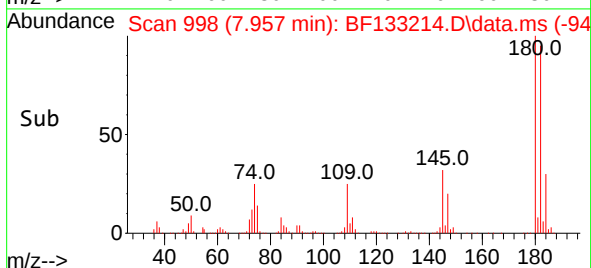
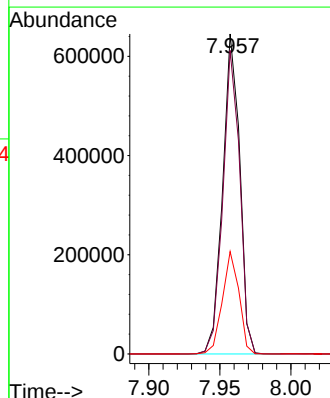
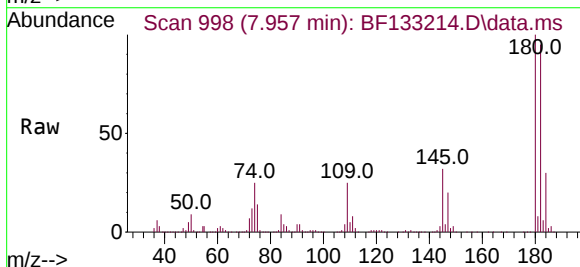
RT: 7.957 min Scan# 998

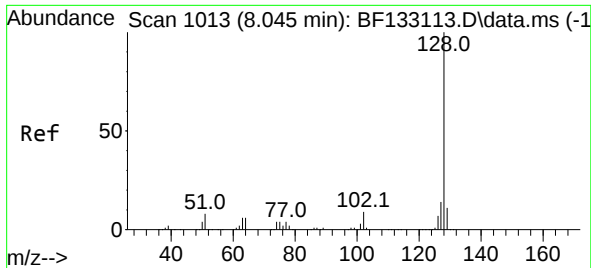
Delta R.T. -0.000 min

Lab File: BF133214.D

Acq: 03 May 2023 18:48

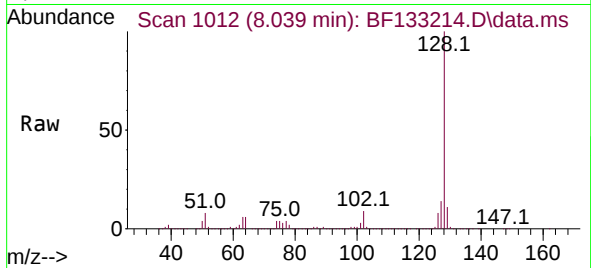
Tgt Ion:180 Resp: 537614
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.9 113.9
 145 32.0 25.3 37.9





#31
Naphthalene
Concen: 42.567 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

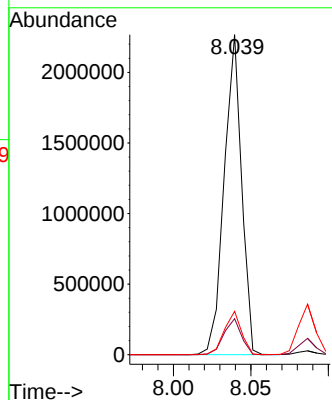
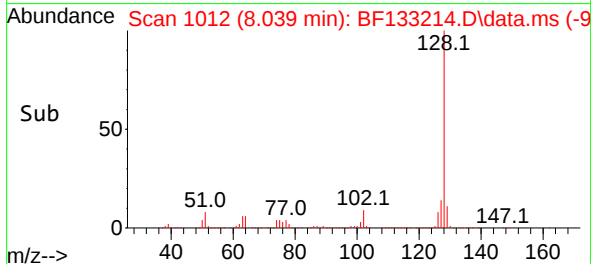
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:128 Resp: 1773715
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.7 16.1

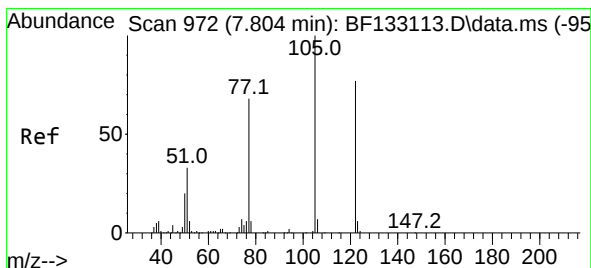
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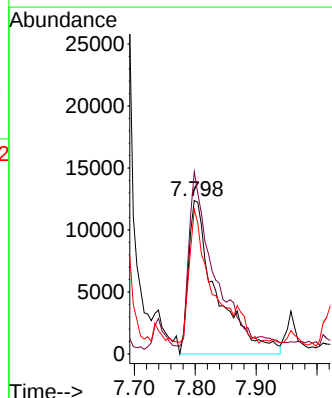
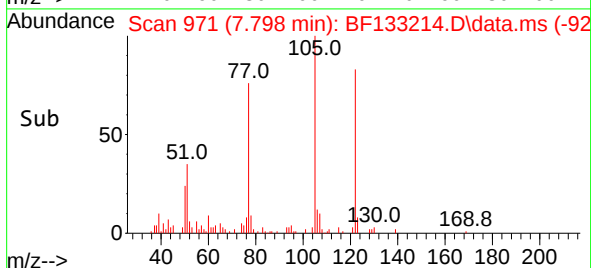
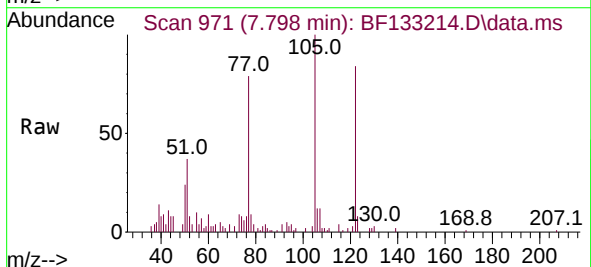
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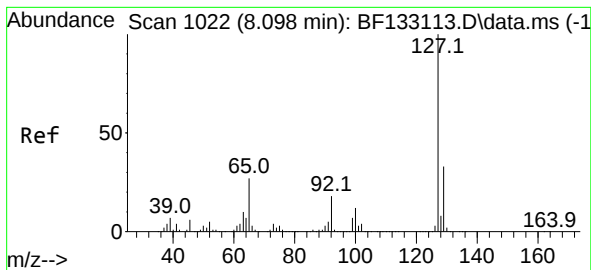
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#32
Benzoic acid
Concen: 4.947 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

Tgt Ion:122 Resp: 39545
Ion Ratio Lower Upper
122 100
105 118.7 104.2 144.2
77 94.1 69.7 109.7





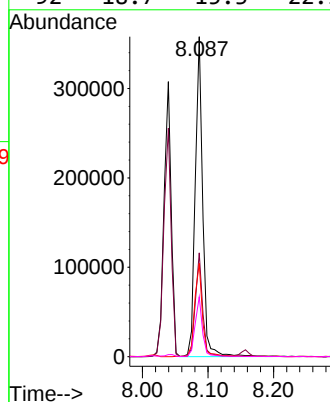
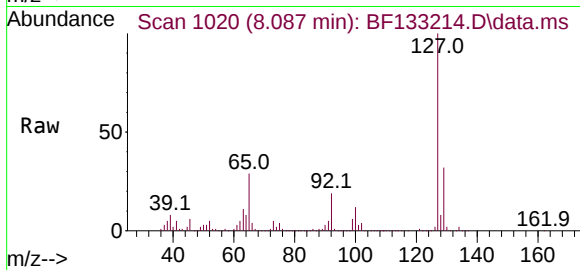
#33
4-Chloroaniline
Concen: 16.882 ng
RT: 8.087 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.8
65	29.1	23.6	35.4
92	18.7	15.3	22.9

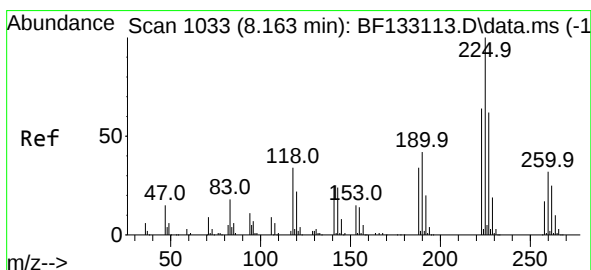
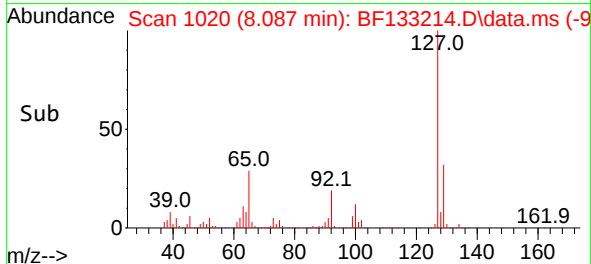
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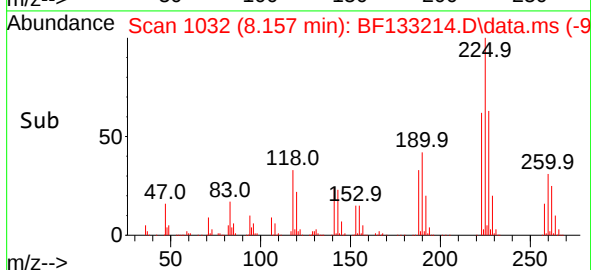
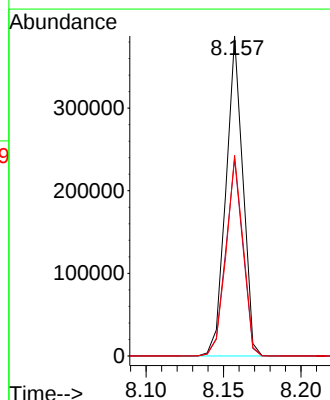
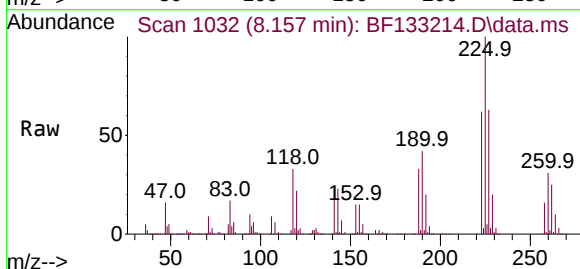
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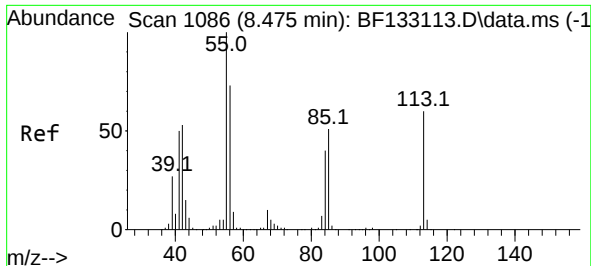
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#34
Hexachlorobutadiene
Concen: 43.427 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

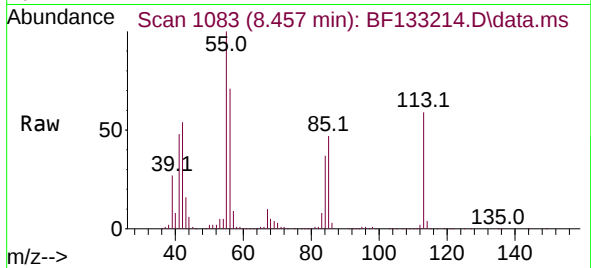
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.9	76.3
227	62.7	50.3	75.5





#35
Caprolactam
Concen: 37.170 ng m
RT: 8.457 min Scan# 1086
Delta R.T. -0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

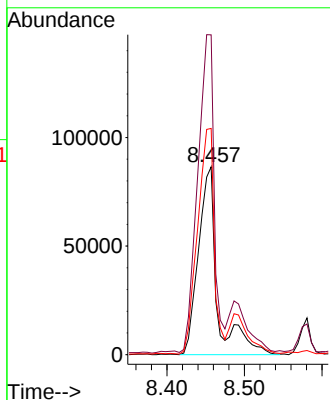
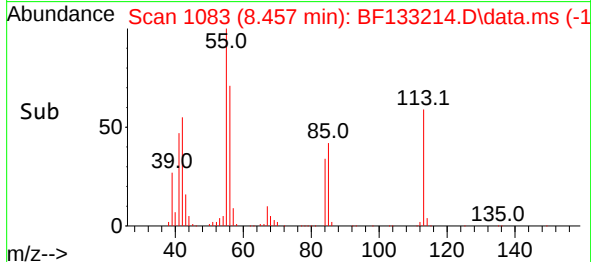
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:113 Resp: 147090
Ion Ratio Lower Upper
113 100
55 170.2 167.1 207.1
56 120.4 114.5 154.5

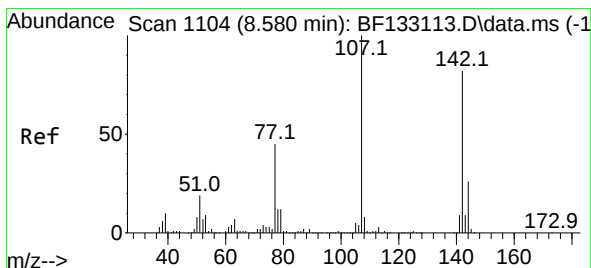
Manual Integrations
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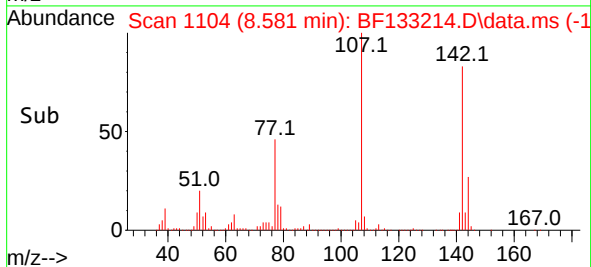
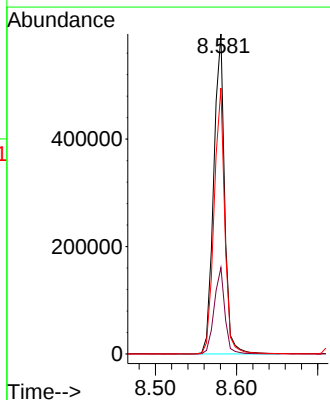
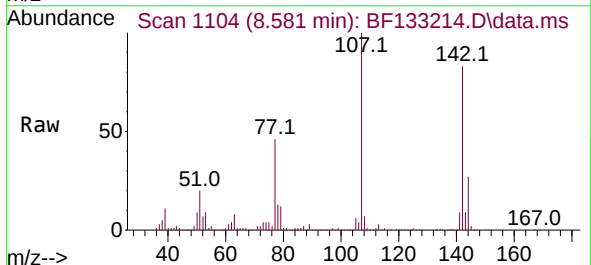
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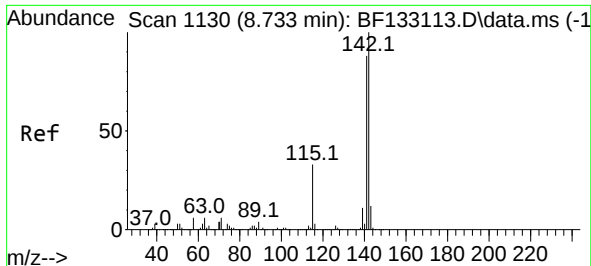
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#36
4-Chloro-3-methylphenol
Concen: 43.763 ng
RT: 8.581 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

Tgt Ion:107 Resp: 555946
Ion Ratio Lower Upper
107 100
144 27.0 20.6 30.8
142 83.1 62.8 94.2





#37

2-Methylnaphthalene

Concen: 41.170 ng

RT: 8.728 min Scan# 1129

Delta R.T. -0.000 min

Lab File: BF133214.D

Acq: 03 May 2023 18:48

Instrument :

BNA_F

ClientSampleId :

ZONE-A-6-9-05022023MSD

Tgt Ion:142 Resp: 1172840

Ion Ratio Lower Upper

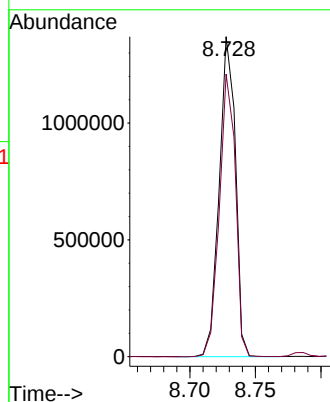
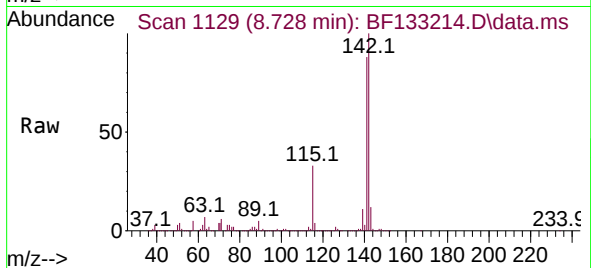
142 100

141 88.3 69.4 104.0

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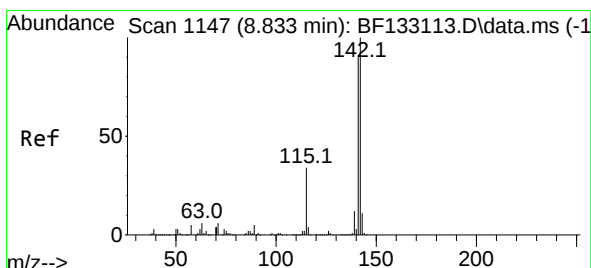
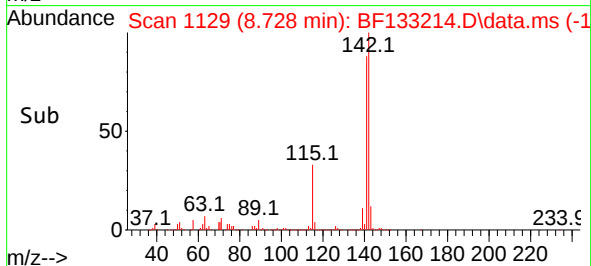
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#38

1-Methylnaphthalene

Concen: 41.103 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF133214.D

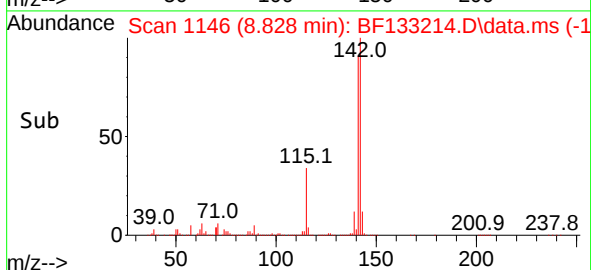
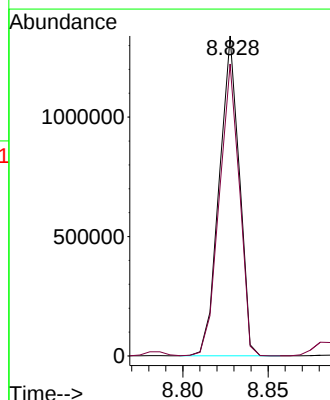
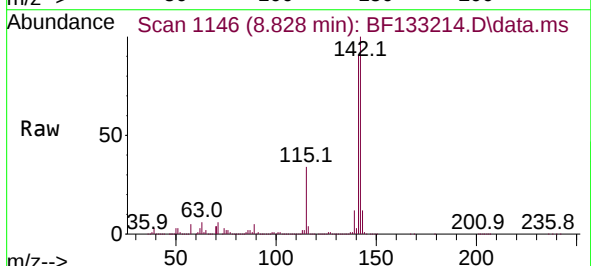
Acq: 03 May 2023 18:48

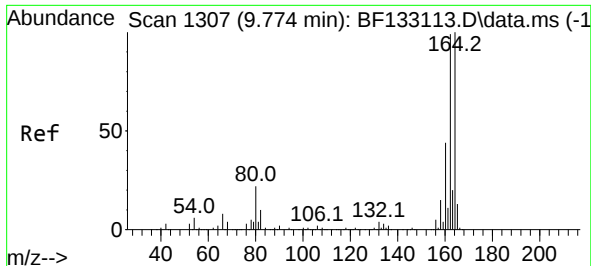
Tgt Ion:142 Resp: 1095397

Ion Ratio Lower Upper

142 100

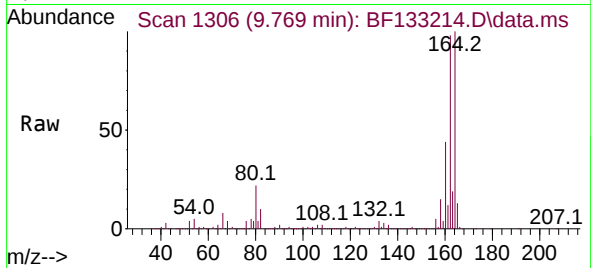
141 91.2 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

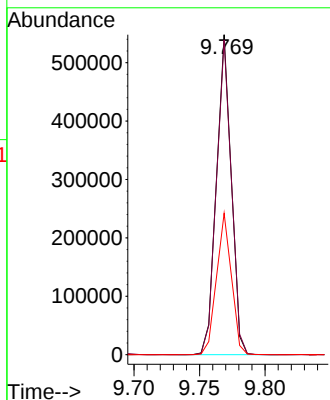
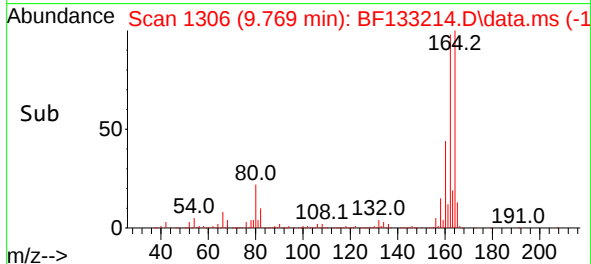
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:164 Resp: 429818
Ion Ratio Lower Upper
164 100
162 98.4 78.7 118.1
160 44.2 35.8 53.6

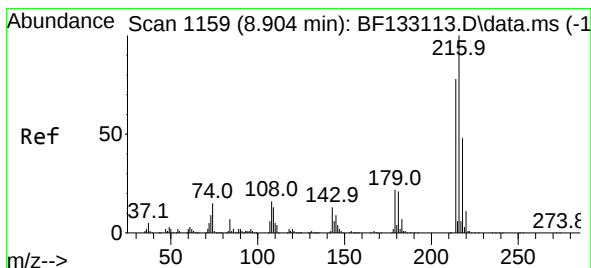
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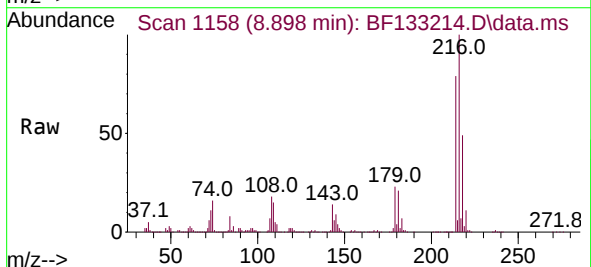


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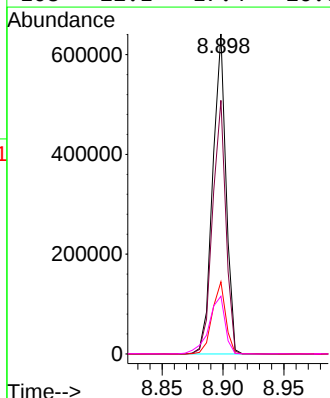
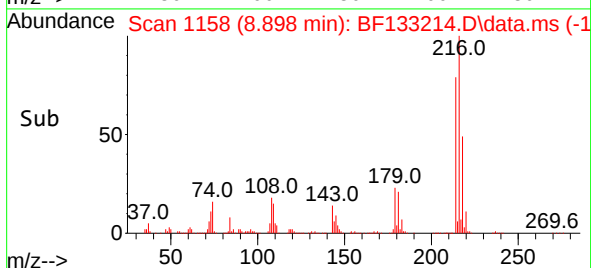
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.015 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48



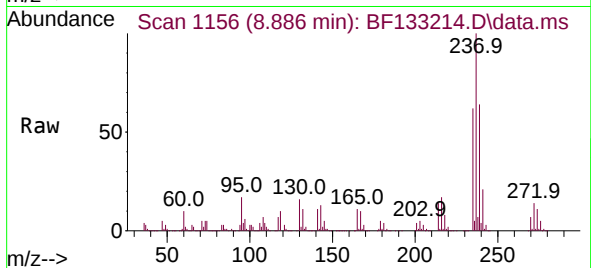
Tgt Ion:216 Resp: 485556
Ion Ratio Lower Upper
216 100
214 79.0 63.5 95.3
179 22.7 17.4 26.2
108 22.1 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 63.020 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

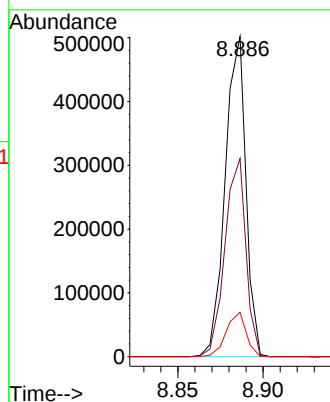
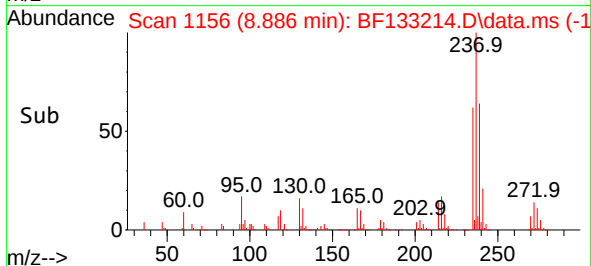
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion: 237 Resp: 424749
Ion Ratio Lower Upper
237 100
235 61.9 43.5 83.5
272 13.8 0.0 32.7

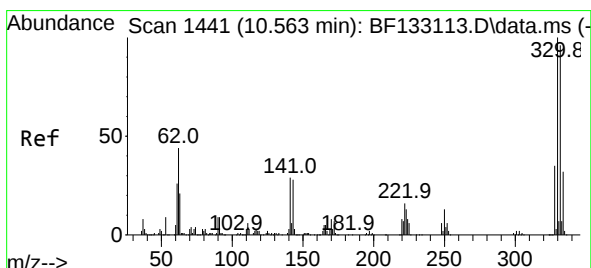
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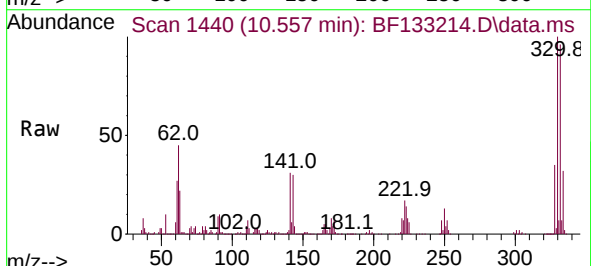


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Supervised By : Jagrut
Upadhyay

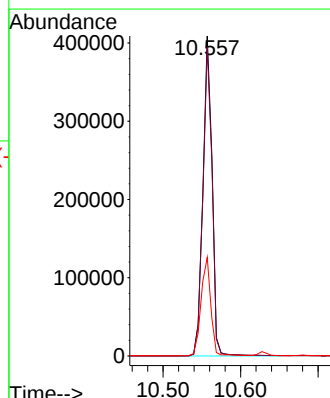
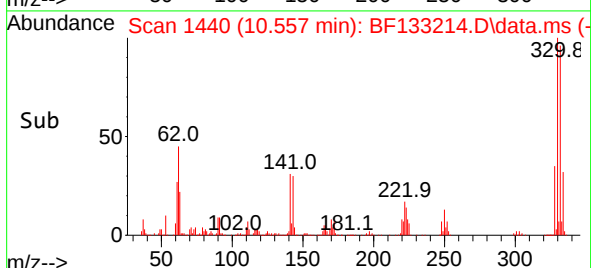
05/04/2023

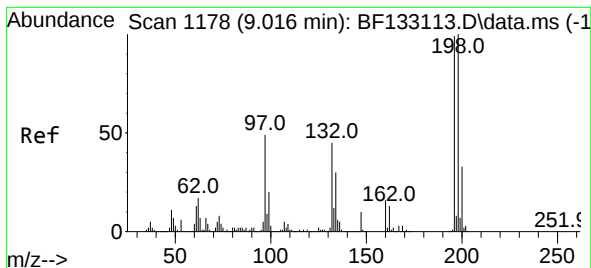


#42
2,4,6-Tribromophenol
Concen: 77.789 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48



Tgt Ion: 330 Resp: 336256
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 32.6 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 38.879 ng

RT: 9.010 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF133214.D

Acq: 03 May 2023 18:48

Instrument :

BNA_F

ClientSampleId :

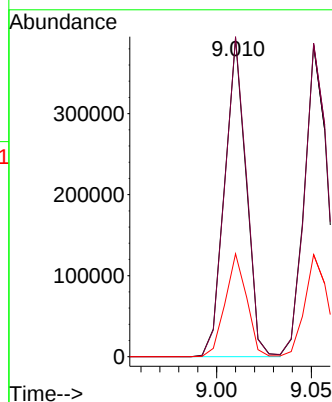
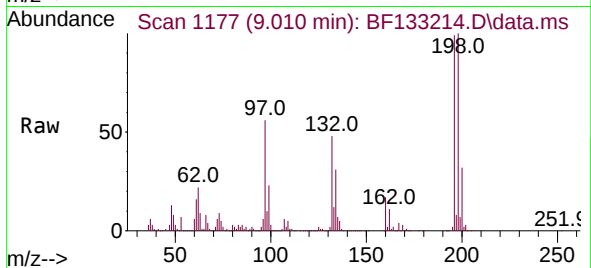
ZONE-A-6-9-05022023MSD

Tgt Ion:196 Resp: 310720

Ion	Ratio	Lower	Upper
196	100		
198	100.5	81.0	121.6
200	32.3	26.1	39.1

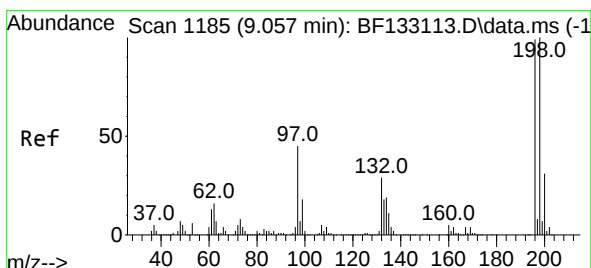
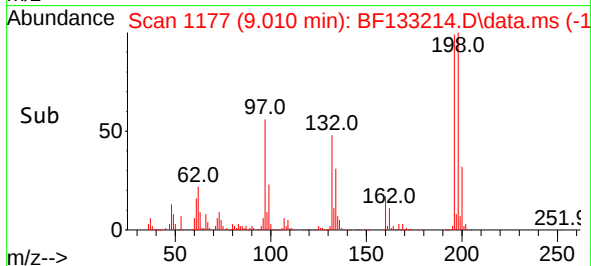
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



05/04/2023
Supervised By :Jagrut
Upadhyay

05/04/2023



#44

2,4,5-Trichlorophenol

Concen: 35.511 ng

RT: 9.051 min Scan# 1184

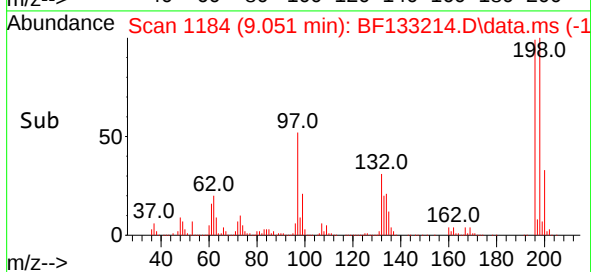
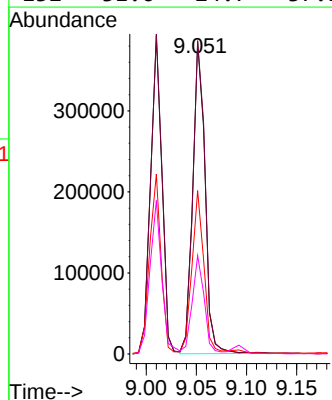
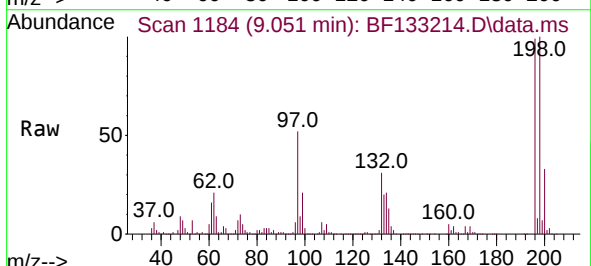
Delta R.T. -0.000 min

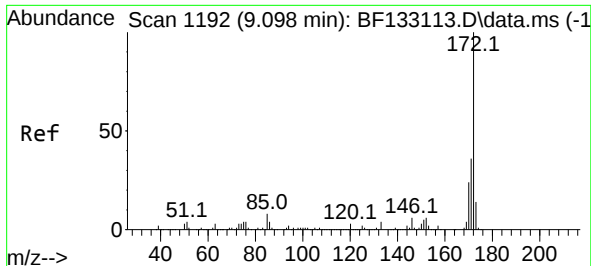
Lab File: BF133214.D

Acq: 03 May 2023 18:48

Tgt Ion:196 Resp: 328238

Ion	Ratio	Lower	Upper
196	100		
198	100.6	80.9	121.3
97	52.4	41.3	61.9
132	31.6	24.7	37.1





#45

2-Fluorobiphenyl

Concen: 69.294 ng

RT: 9.092 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133214.D

Acq: 03 May 2023 18:48

Instrument :

BNA_F

ClientSampleId :

ZONE-A-6-9-05022023MSD

Tgt Ion:172 Resp: 178027

Ion Ratio Lower Upper

172 100

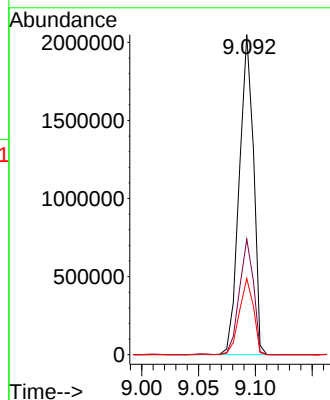
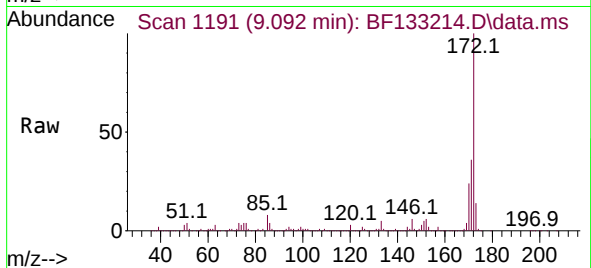
171 36.1 28.8 43.2

170 23.8 19.4 29.2

Manual Integrations

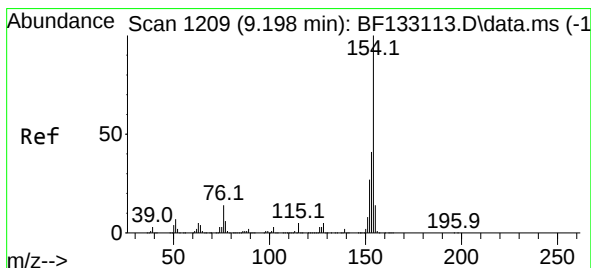
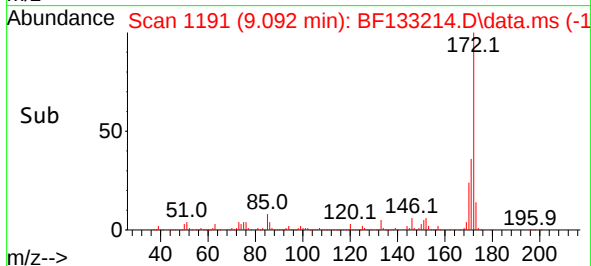
APPROVED

Reviewed By :Christian
Giraldo



05/04/2023
Supervised By :Jagrut
Upadhyay

05/04/2023



#46

1,1'-Biphenyl

Concen: 41.649 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF133214.D

Acq: 03 May 2023 18:48

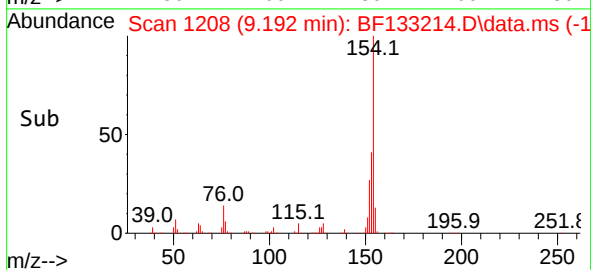
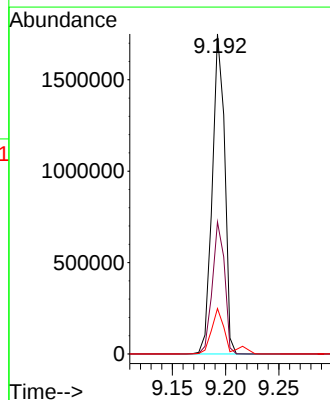
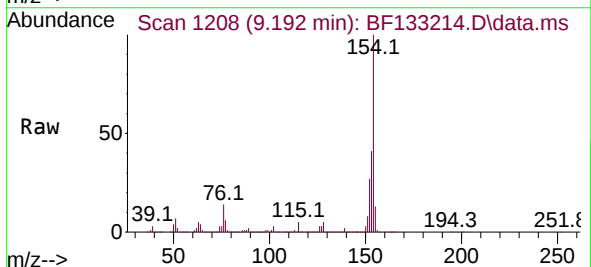
Tgt Ion:154 Resp: 1419516

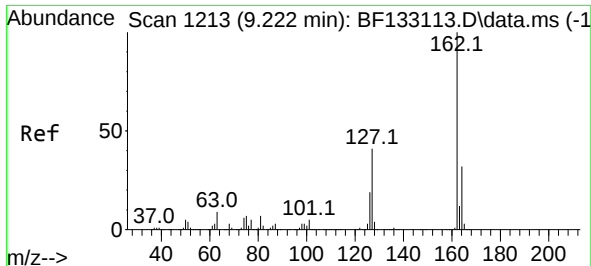
Ion Ratio Lower Upper

154 100

153 41.2 21.0 61.0

76 14.2 0.0 34.5





#47

2-Chloronaphthalene

Concen: 43.269 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF133214.D

Acq: 03 May 2023 18:48

Instrument :

BNA_F

ClientSampleId :

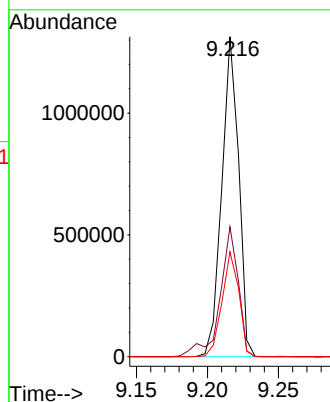
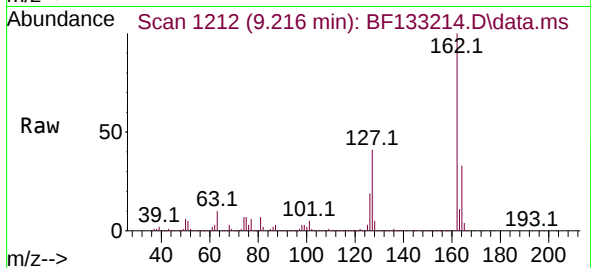
ZONE-A-6-9-05022023MSD

Tgt Ion:162 Resp: 107939

Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.3	48.5
164	32.7	26.8	40.2

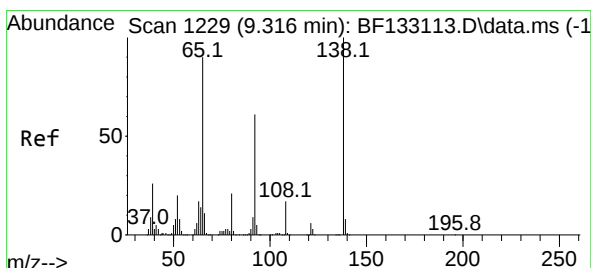
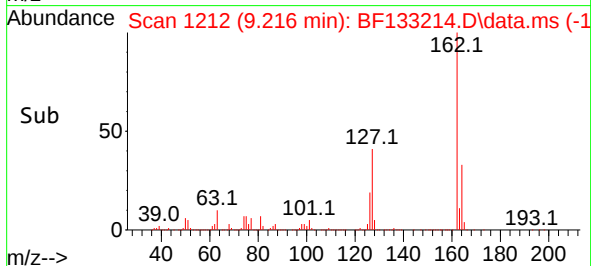
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



05/04/2023
Supervised By :Jagrut
Upadhyay

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#48

2-Nitroaniline

Concen: 43.075 ng

RT: 9.316 min Scan# 1229

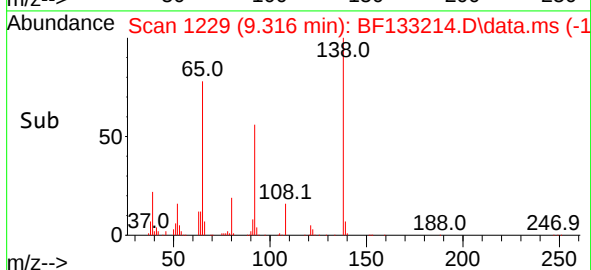
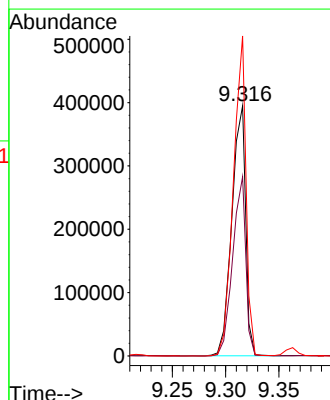
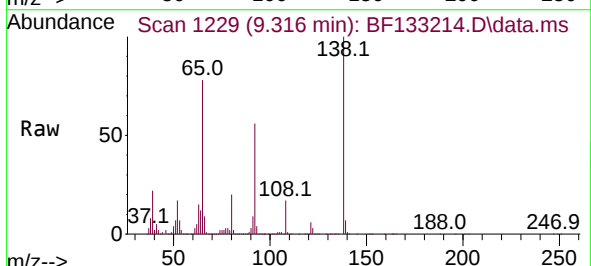
Delta R.T. -0.000 min

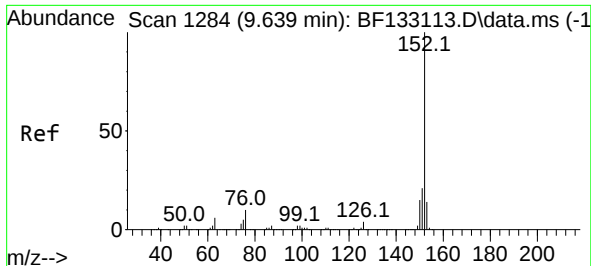
Lab File: BF133214.D

Acq: 03 May 2023 18:48

Tgt Ion: 65 Resp: 355139

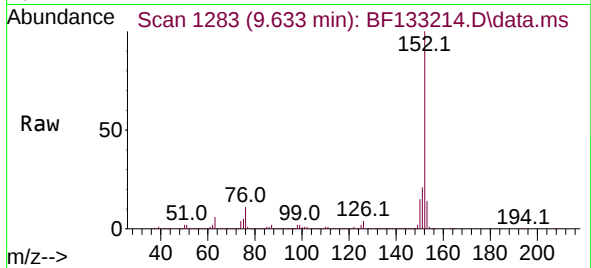
Ion	Ratio	Lower	Upper
65	100		
92	71.7	55.4	83.0
138	128.0	98.2	147.2





#49
Acenaphthylene
Concen: 41.728 ng
RT: 9.633 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

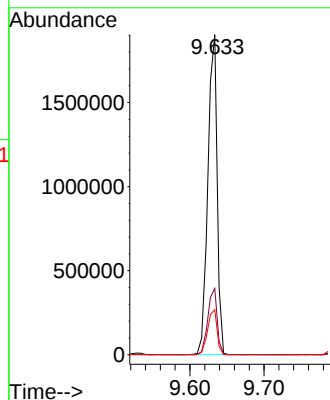
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:152 Resp: 166329
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 14.1 11.5 17.3

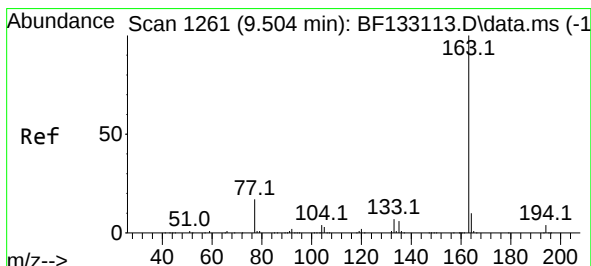
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



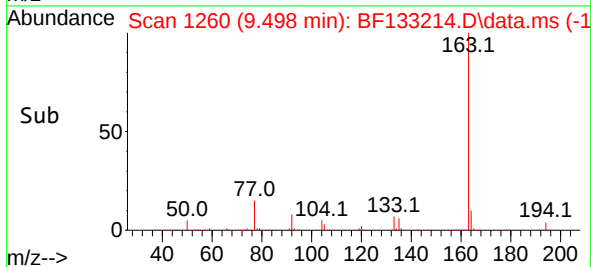
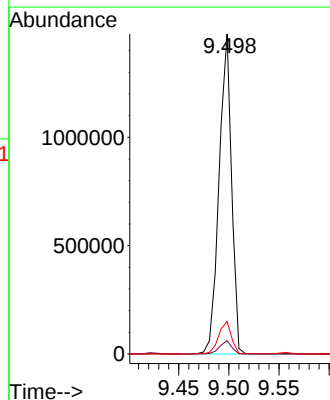
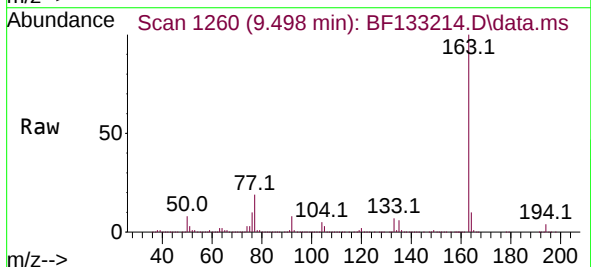
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Supervised By :Jagrut
Upadhyay

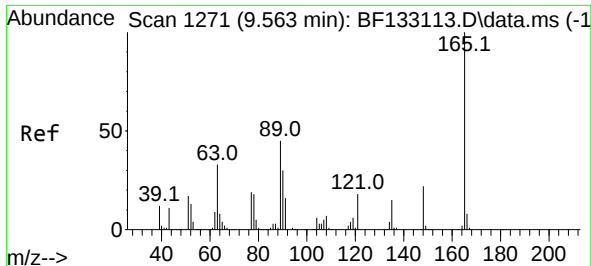
05/04/2023



#50
Dimethylphthalate
Concen: 42.587 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

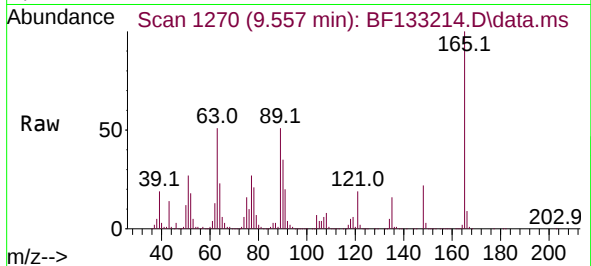
Tgt Ion:163 Resp: 1276358
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.1 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 44.056 ng
RT: 9.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

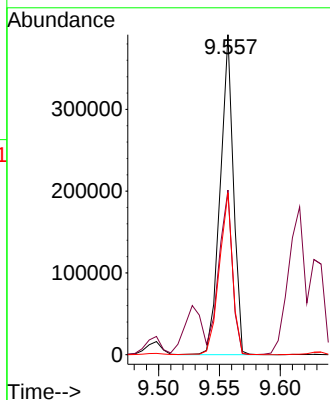
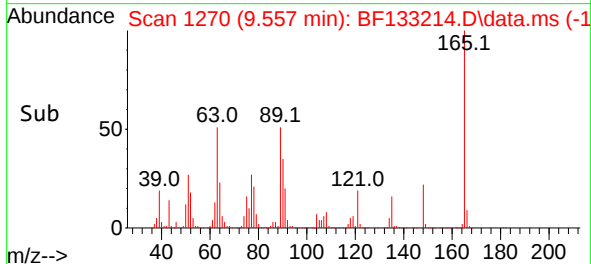
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:165 Resp: 297180
Ion Ratio Lower Upper
165 100
63 51.5 45.9 68.9
89 50.6 44.0 66.0

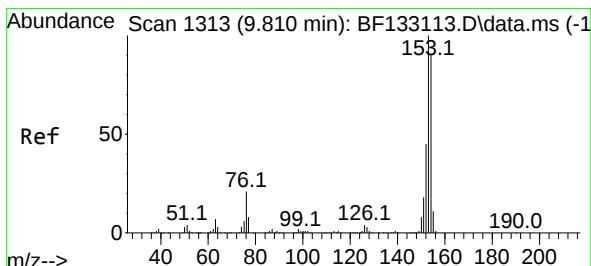
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



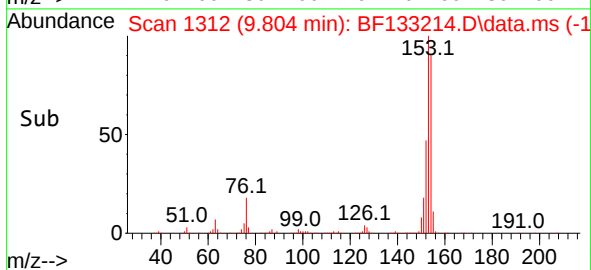
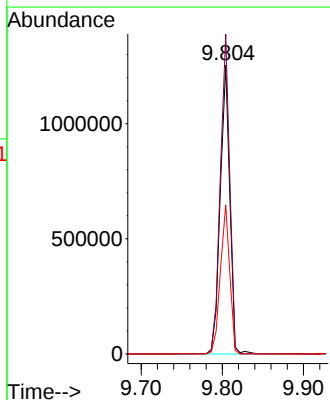
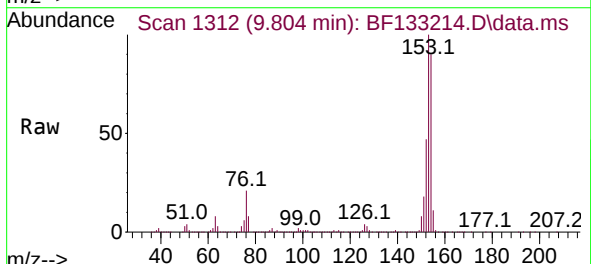
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Supervised By :Jagrut
Upadhyay

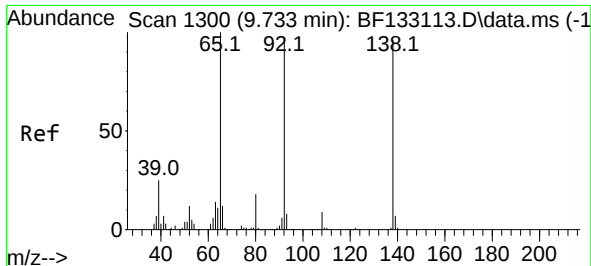
05/04/2023



#52
Acenaphthene
Concen: 38.627 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

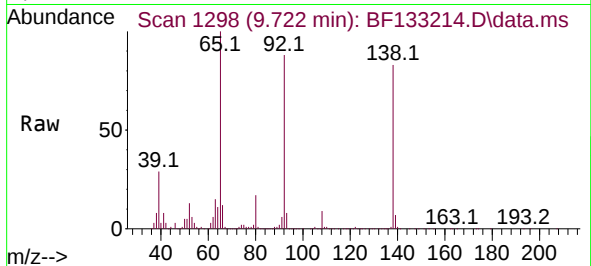
Tgt Ion:154 Resp: 1031195
Ion Ratio Lower Upper
154 100
153 110.8 89.0 133.6
152 51.6 40.4 60.6





#53
3-Nitroaniline
Concen: 31.592 ng
RT: 9.722 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

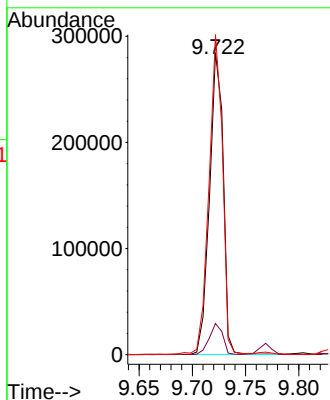
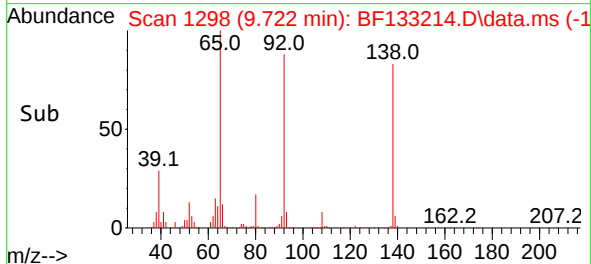
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:138 Resp: 253380
Ion Ratio Lower Upper
138 100
108 10.3 8.0 12.0
92 106.0 83.6 125.4

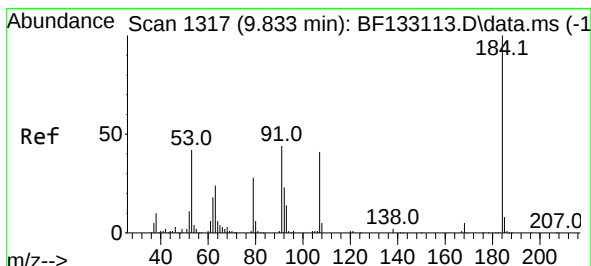
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



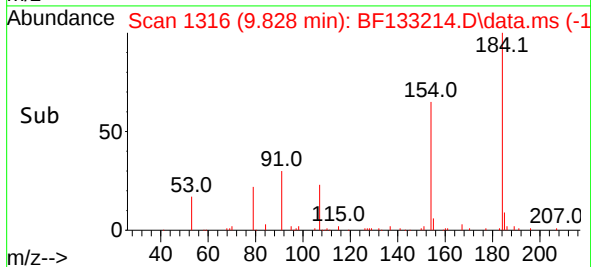
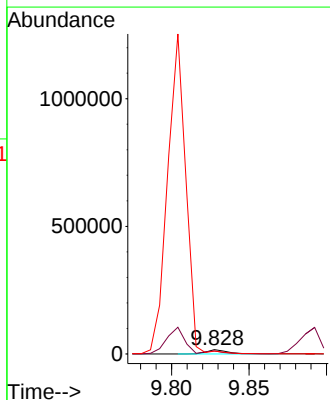
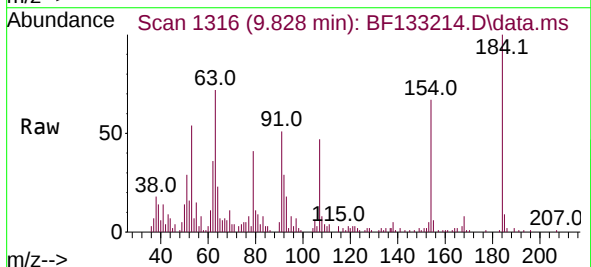
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Upadhyay

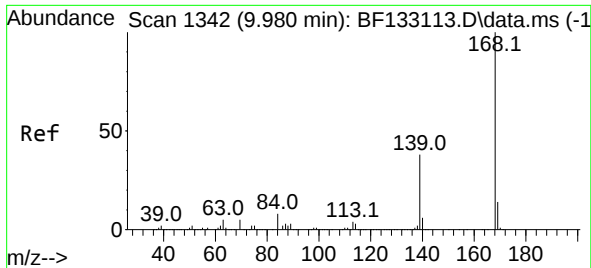
05/04/2023



#54
2,4-Dinitrophenol
Concen: 4.789 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

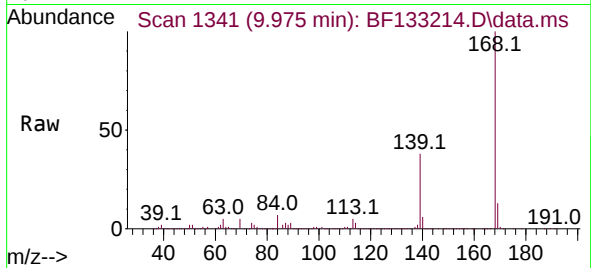
Tgt Ion:184 Resp: 16238
Ion Ratio Lower Upper
184 100
63 71.9 49.8 74.8
154 66.7 49.5 74.3





#55
Dibenzenofuran
Concen: 41.108 ng
RT: 9.975 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

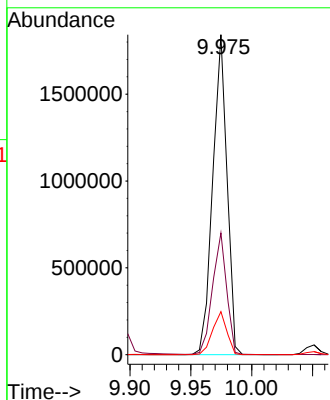
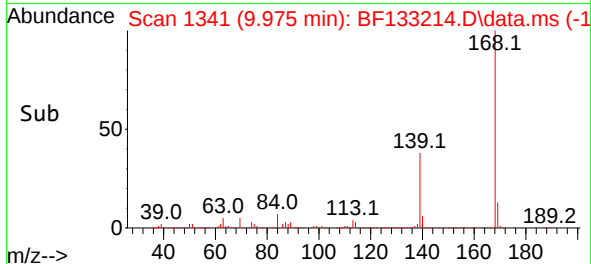
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:168 Resp: 149701
Ion Ratio Lower Upper
168 100
139 38.1 29.8 44.8
169 13.5 10.8 16.2

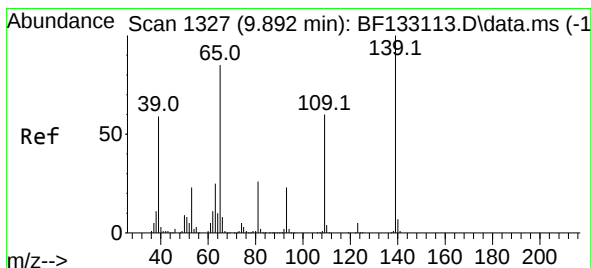
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



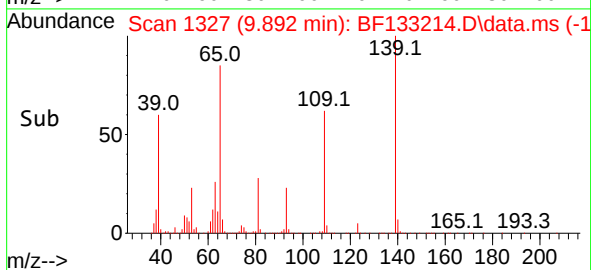
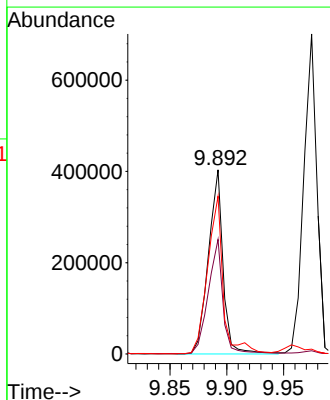
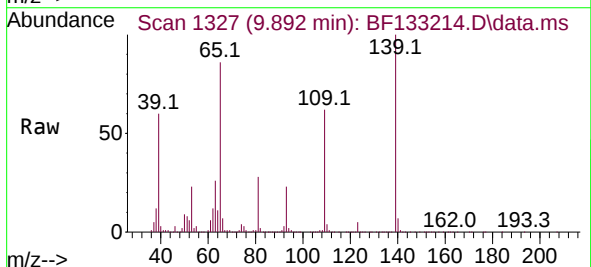
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Supervised By :Jagrut
Upadhyay

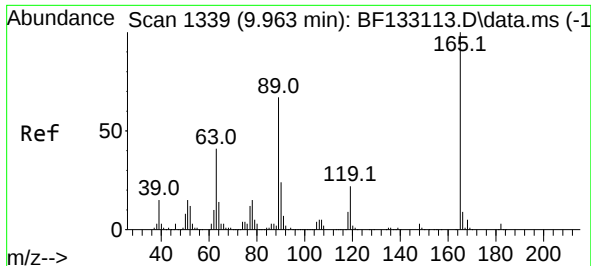
05/04/2023



#56
4-Nitrophenol
Concen: 58.314 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

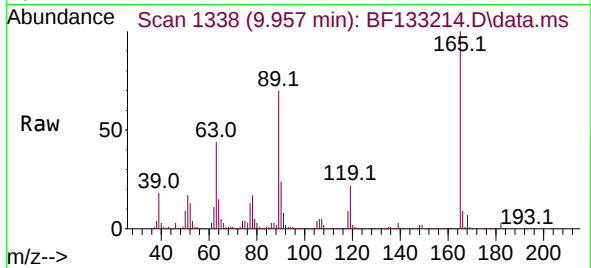
Tgt Ion:139 Resp: 362250
Ion Ratio Lower Upper
139 100
109 62.2 39.4 79.4
65 85.6 57.5 97.5





#57
2,4-Dinitrotoluene
Concen: 44.368 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

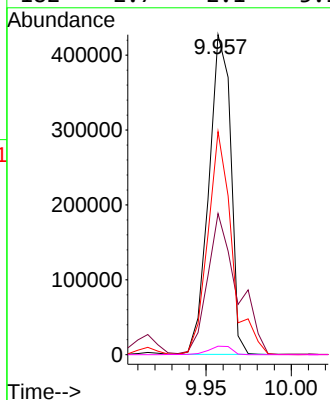
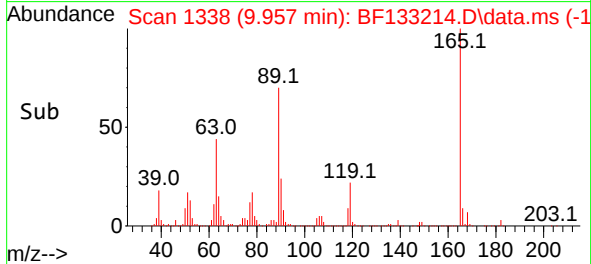
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:165 Resp: 38167
Ion Ratio Lower Upper
165 100
63 44.1 37.7 56.5
89 69.7 57.0 85.4
182 2.7 2.1 3.1

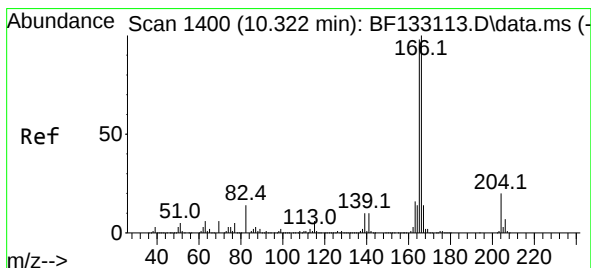
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



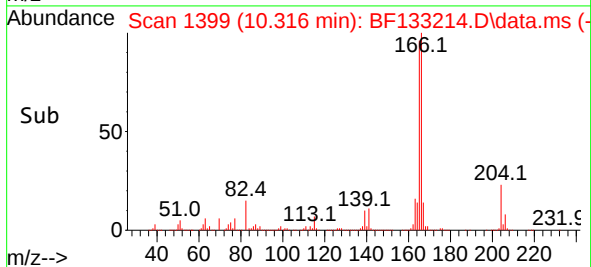
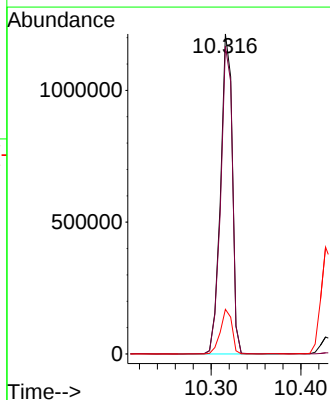
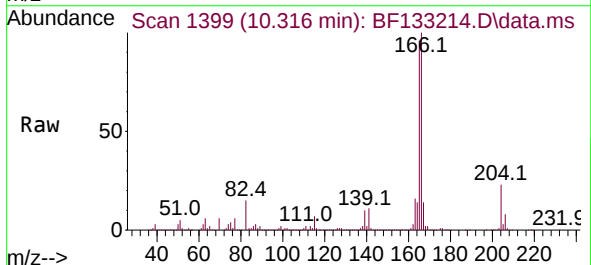
05/04/2023
Supervised By :Jagrut
Upadhyay

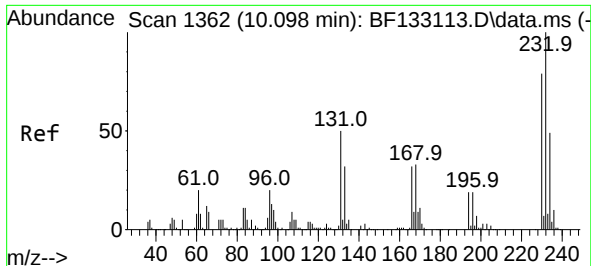
05/04/2023



#58
Fluorene
Concen: 41.142 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

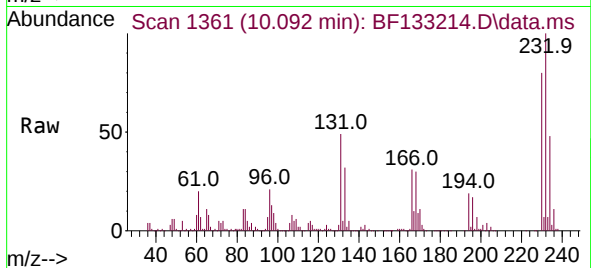
Tgt Ion:166 Resp: 1097673
Ion Ratio Lower Upper
166 100
165 96.2 78.6 117.8
167 13.9 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 26.442 ng m
RT: 10.092 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

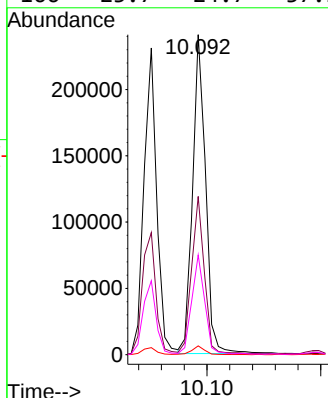
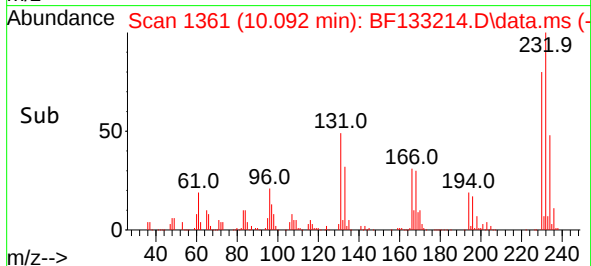
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:232 Resp: 189480
Ion Ratio Lower Upper
232 100
131 40.2 38.0 57.0
130 2.5 1.8 2.8
166 23.7 24.7 37.1#

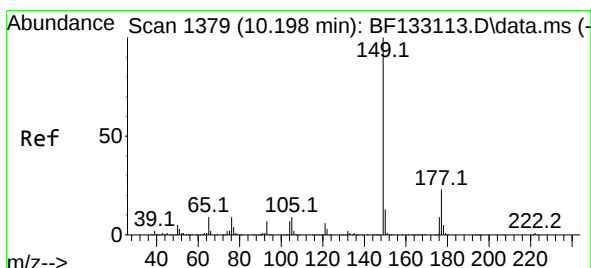
Manual Integrations
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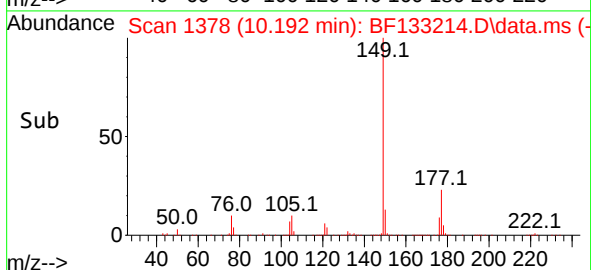
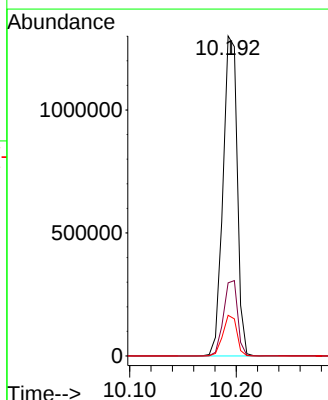
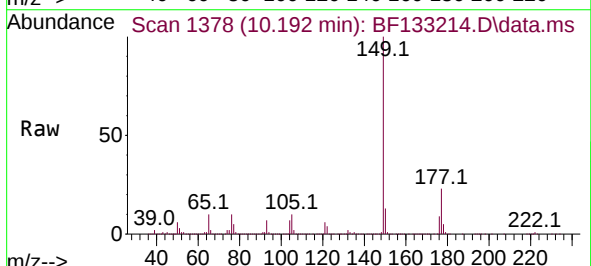
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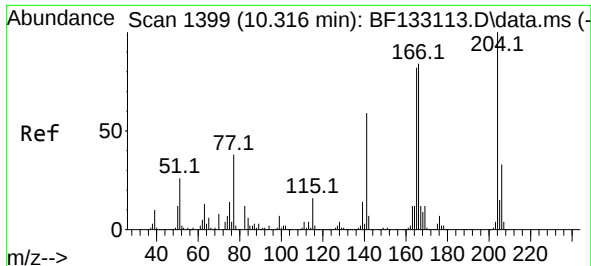
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#60
Diethylphthalate
Concen: 42.463 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

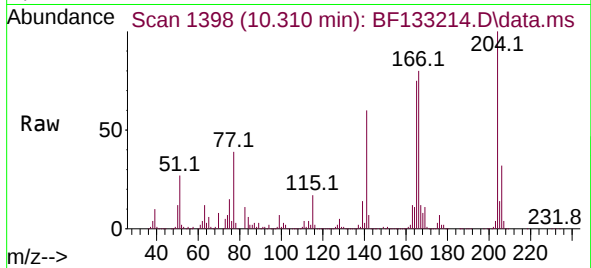
Tgt Ion:149 Resp: 1202092
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.169 ng
RT: 10.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

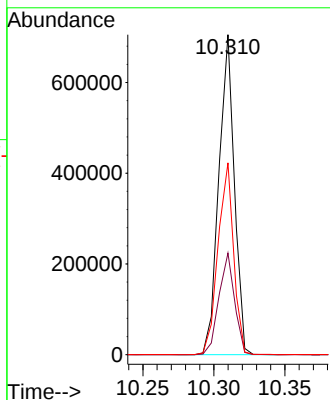
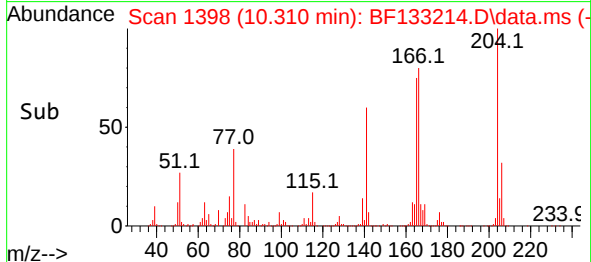
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:204 Resp: 535270
Ion Ratio Lower Upper
204 100
206 31.7 26.1 39.1
141 59.9 46.1 69.1

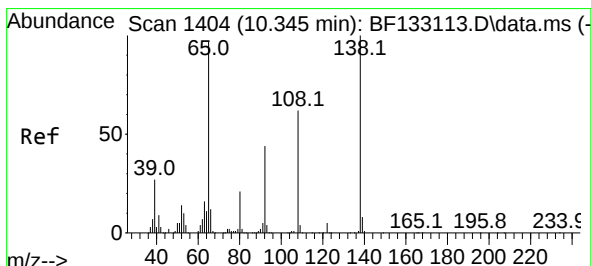
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



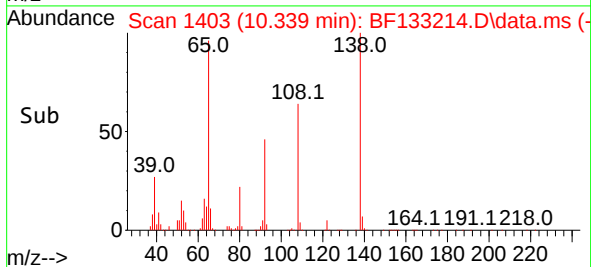
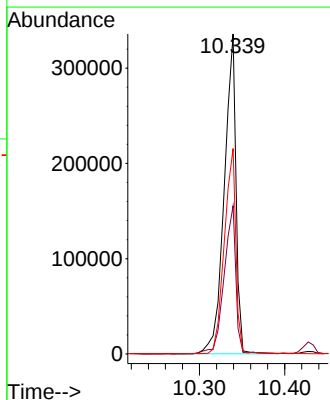
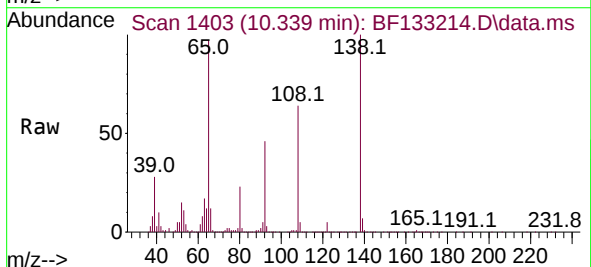
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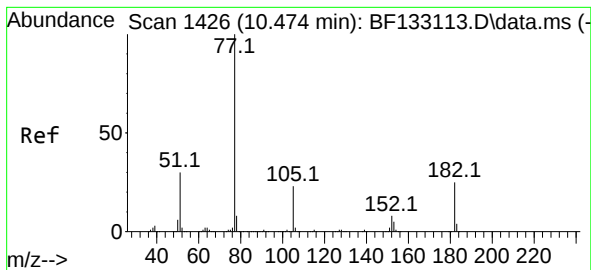
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#62
4-Nitroaniline
Concen: 43.713 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

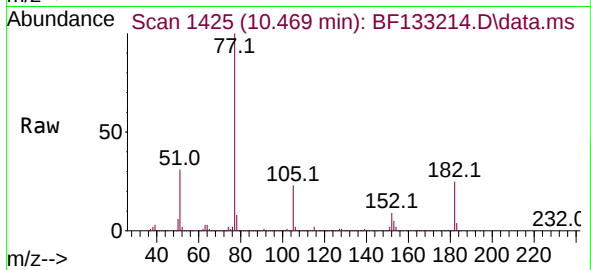
Tgt Ion:138 Resp: 322239
Ion Ratio Lower Upper
138 100
92 46.3 27.7 67.7
108 64.2 45.2 85.2





#63
Azobenzene
Concen: 40.739 ng
RT: 10.469 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

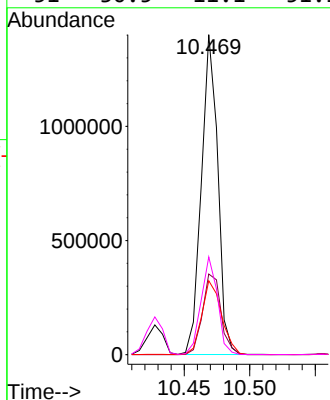
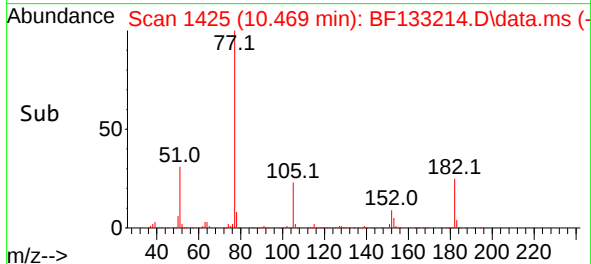
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion: 77 Resp: 1221708
Ion Ratio Lower Upper
77 100
182 25.2 5.9 45.9
105 23.1 2.3 42.3
51 30.5 11.1 51.1

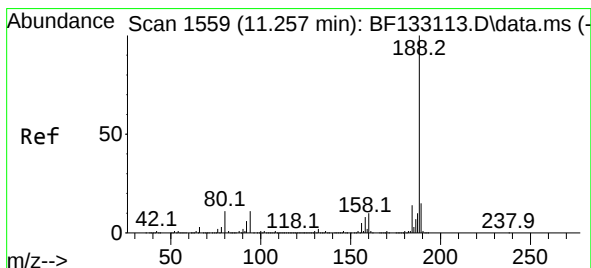
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



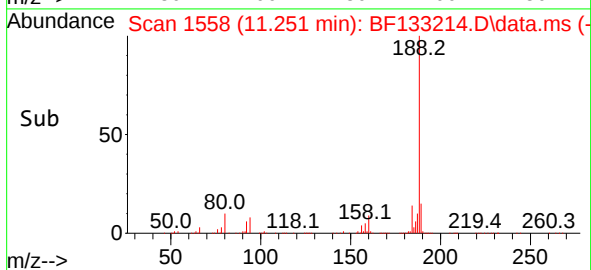
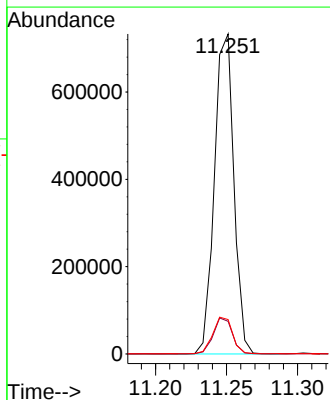
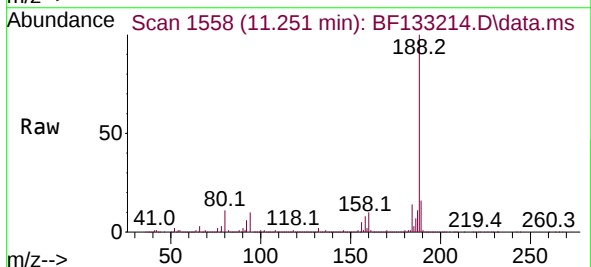
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Supervised By :Jagrut
Upadhyay

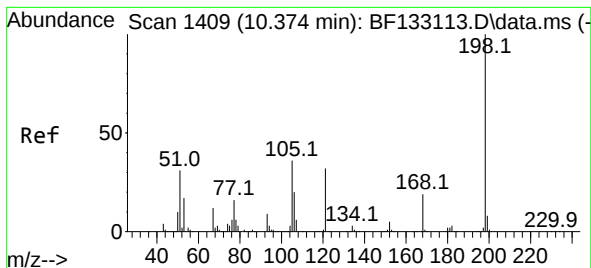
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

Tgt Ion:188 Resp: 697507
Ion Ratio Lower Upper
188 100
94 10.2 9.7 14.5
80 10.7 10.4 15.6





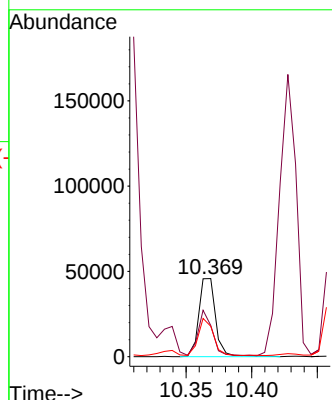
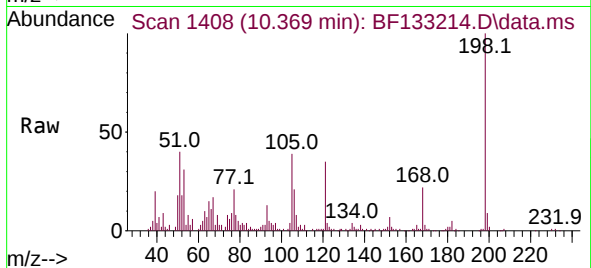
#65
4,6-Dinitro-2-methylphenol
Concen: 9.661 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD

Tgt Ion:198 Resp: 4084
Ion Ratio Lower Upper
198 100
51 39.9 15.5 55.5
105 39.0 16.7 56.7

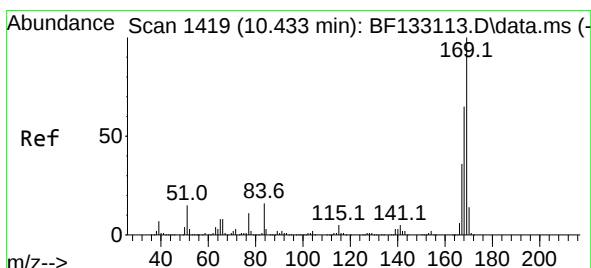
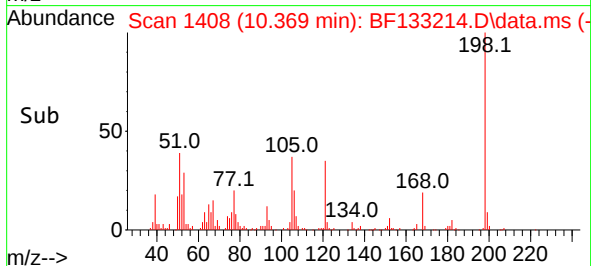
Manual Integrations
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Reviewed By :Christian
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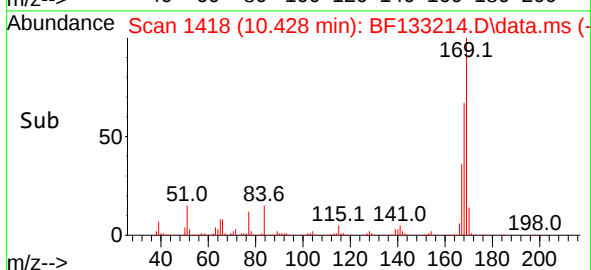
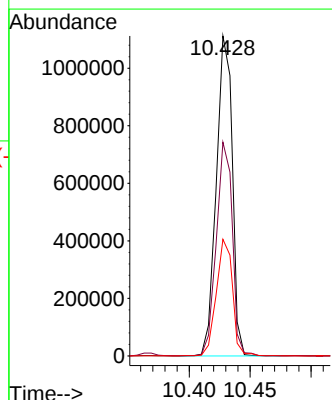
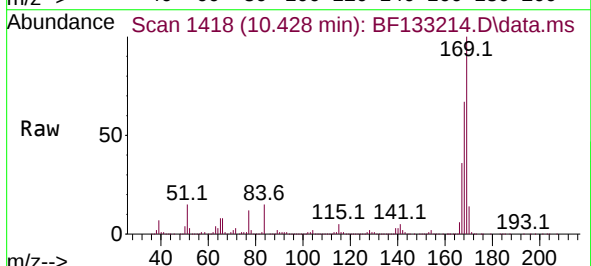
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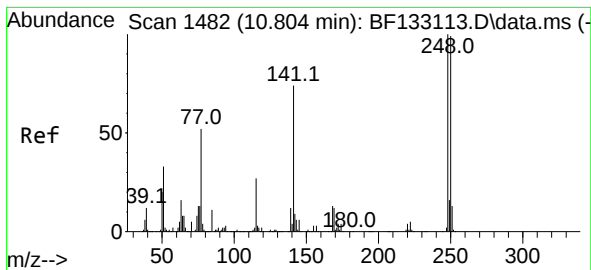
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#66
n-Nitrosodiphenylamine
Concen: 45.014 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

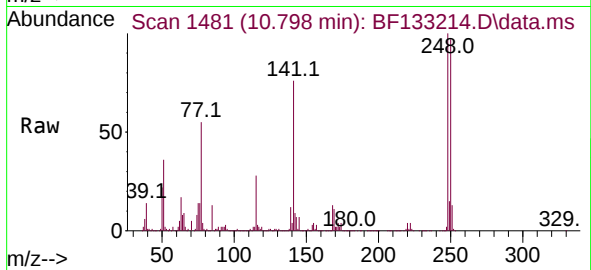
Tgt Ion:169 Resp: 1018449
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.8
167 36.5 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 44.006 ng
RT: 10.798 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

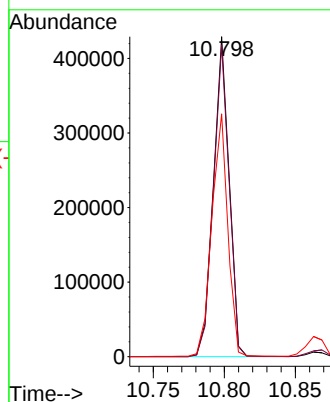
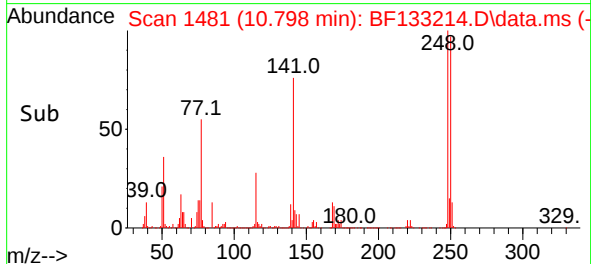
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:248 Resp: 33290
Ion Ratio Lower Upper
248 100
250 97.4 78.7 118.1
141 75.9 56.3 84.5

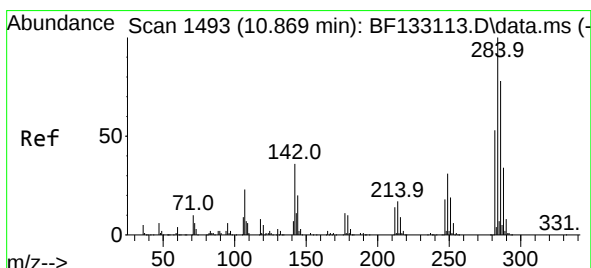
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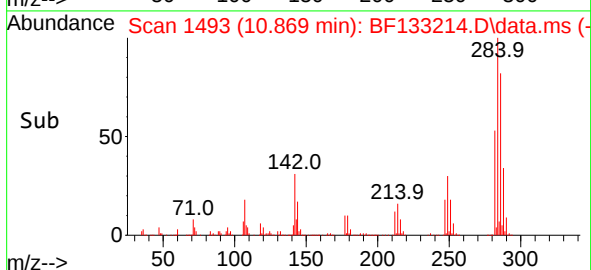
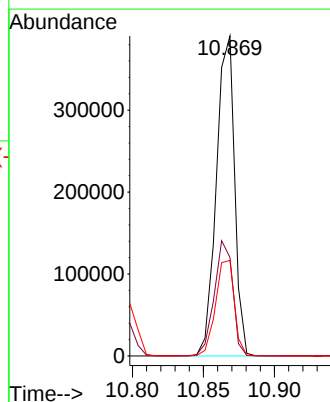
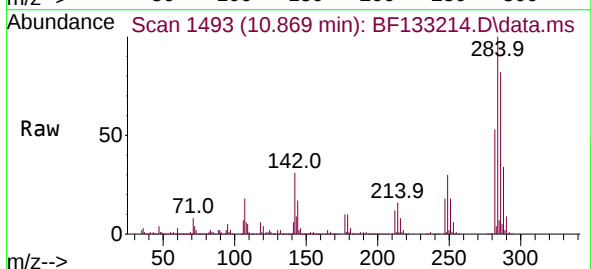
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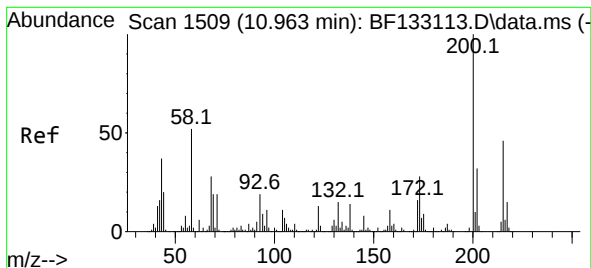
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#68
Hexachlorobenzene
Concen: 45.018 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

Tgt Ion:284 Resp: 348965
Ion Ratio Lower Upper
284 100
142 30.8 26.0 39.0
249 29.9 23.7 35.5





#69

Atrazine

Concen: 51.229 ng

RT: 10.957 min Scan# 1508

Delta R.T. -0.000 min

Lab File: BF133214.D

Acq: 03 May 2023 18:48

Instrument :

BNA_F

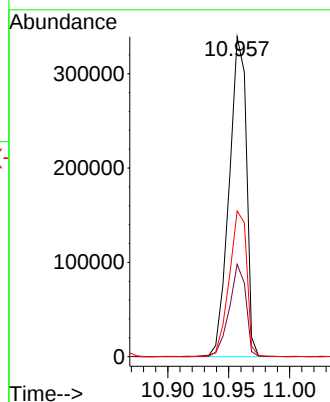
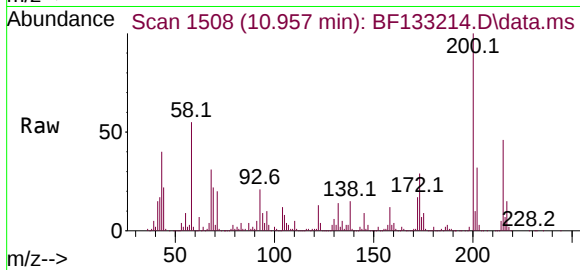
ClientSampleId :

ZONE-A-6-9-05022023MSD

Tgt Ion:200 Resp: 33398
 Ion Ratio Lower Upper
 200 100
 173 28.9 6.2 46.2
 215 45.5 26.3 66.3

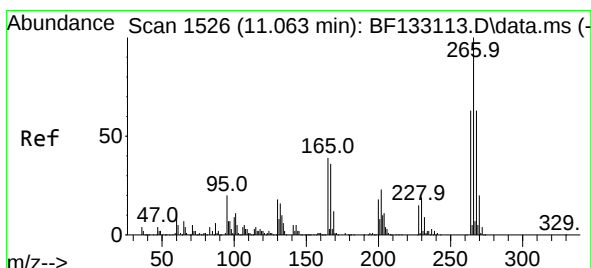
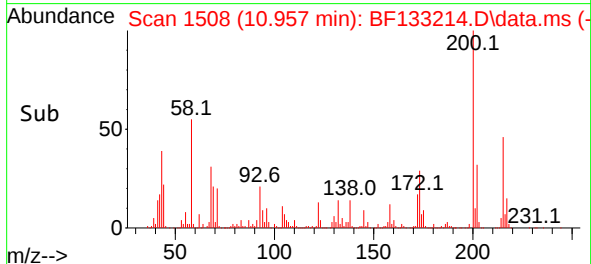
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#70

Pentachlorophenol

Concen: 28.426 ng

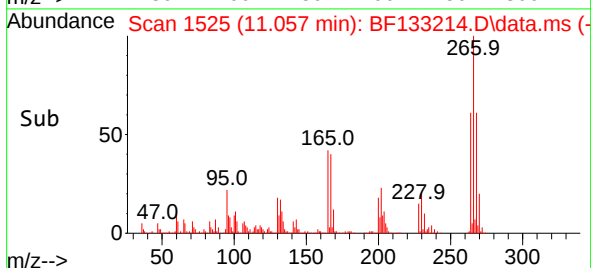
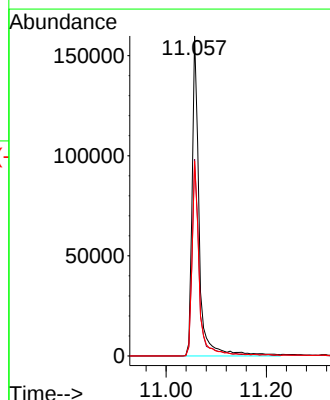
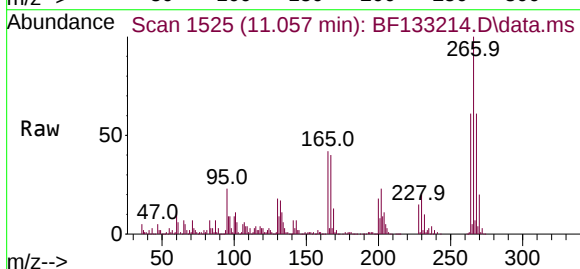
RT: 11.057 min Scan# 1525

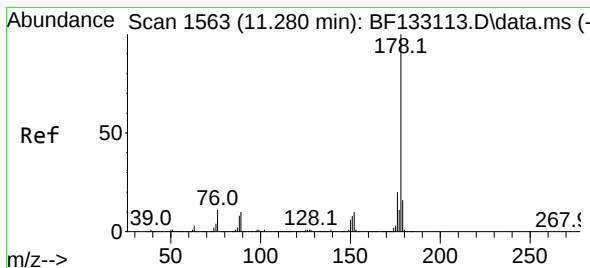
Delta R.T. -0.000 min

Lab File: BF133214.D

Acq: 03 May 2023 18:48

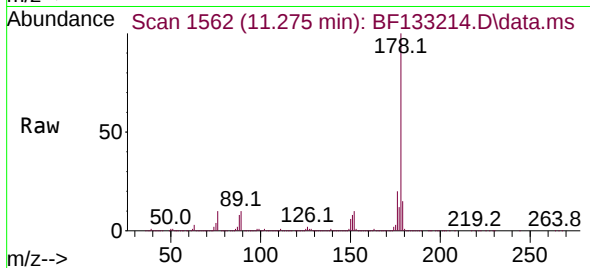
Tgt Ion:266 Resp: 156932
 Ion Ratio Lower Upper
 266 100
 268 61.5 48.8 73.2
 264 60.9 50.6 76.0





#71
Phenanthrene
Concen: 43.143 ng
RT: 11.275 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

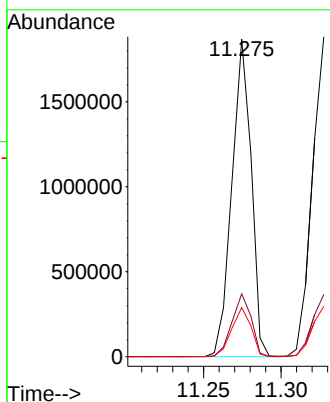
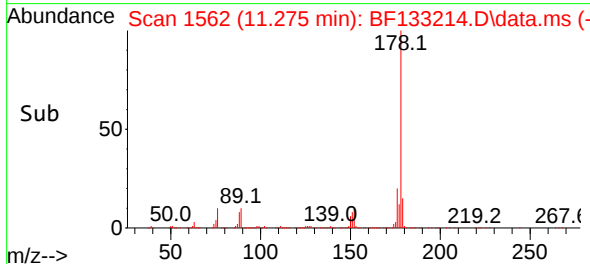
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:178 Resp: 161740
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.5 12.5 18.7

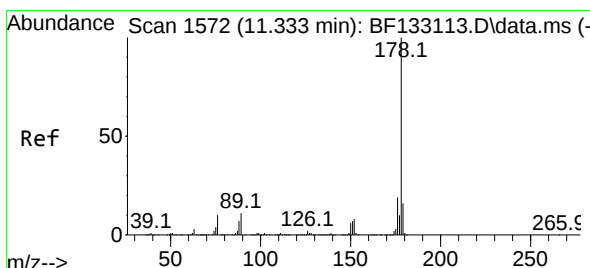
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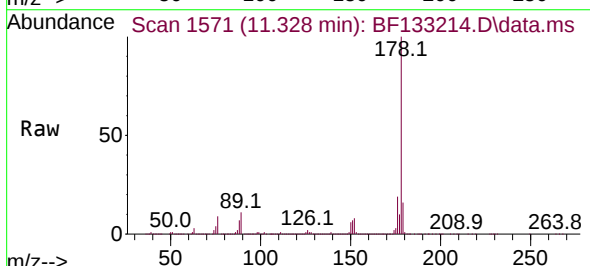


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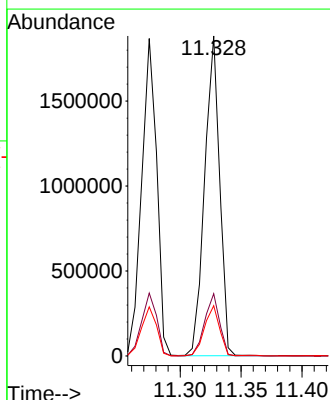
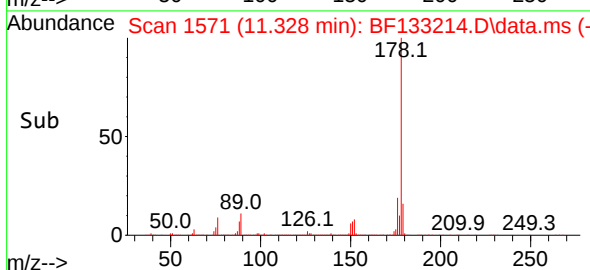
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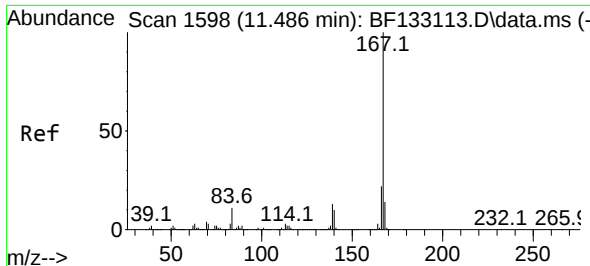


#72
Anthracene
Concen: 42.004 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48



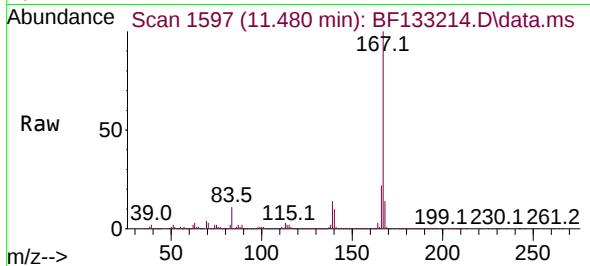
Tgt Ion:178 Resp: 1611525
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 41.669 ng
 RT: 11.480 min Scan# 1598
 Delta R.T. -0.006 min
 Lab File: BF133214.D
 Acq: 03 May 2023 18:48

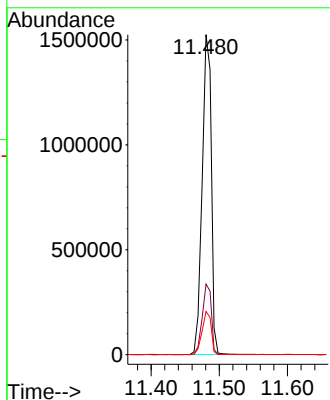
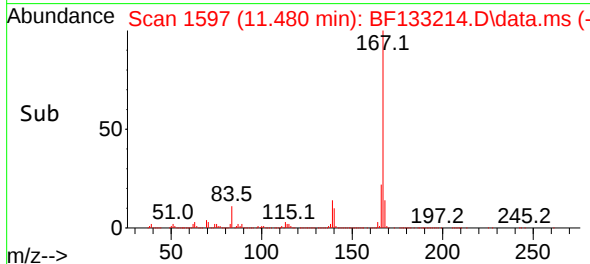
Instrument :
 BNA_F
 ClientSampleId :
 ZONE-A-6-9-05022023MSD



Tgt Ion:167 Resp: 142351
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.5 10.6 16.0

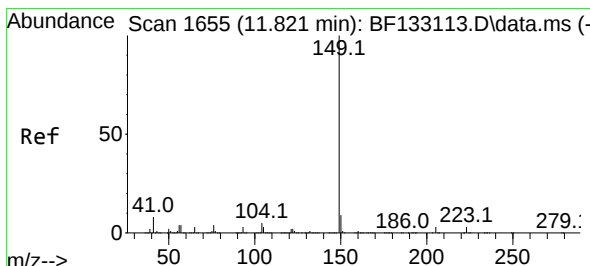
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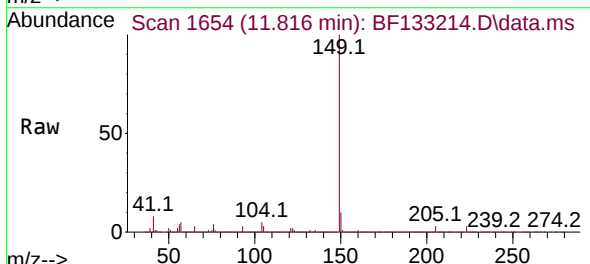


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 Supervised By :Jagrut
 Upadhyay

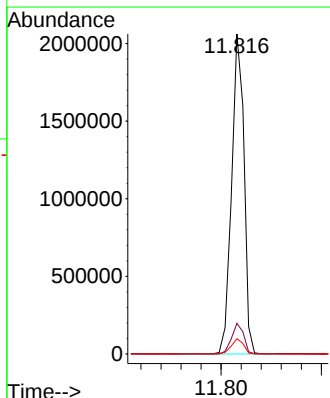
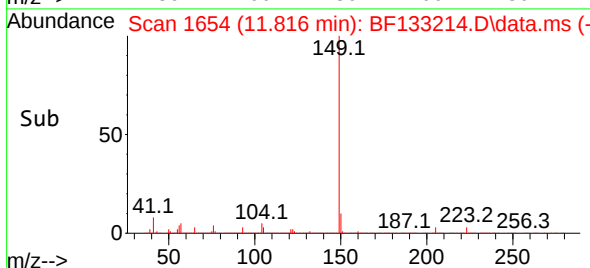
05/04/2023

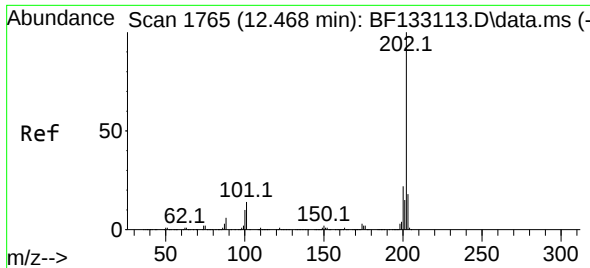


#74
 Di-n-butylphthalate
 Concen: 45.639 ng
 RT: 11.816 min Scan# 1654
 Delta R.T. -0.000 min
 Lab File: BF133214.D
 Acq: 03 May 2023 18:48



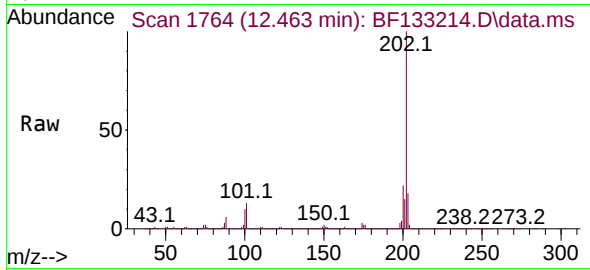
Tgt Ion:149 Resp: 1764395
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.7 4.0 6.0





#75
Fluoranthene
Concen: 38.331 ng
RT: 12.463 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

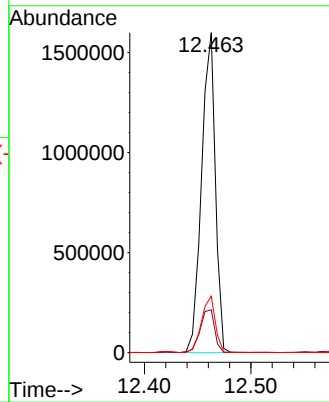
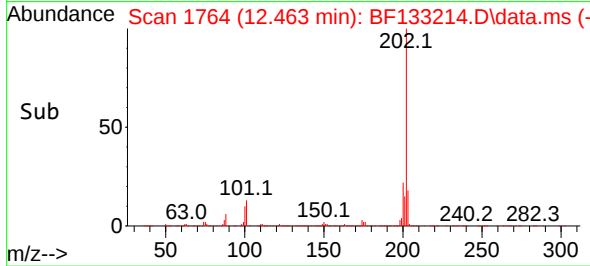
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:202 Resp: 144217
Ion Ratio Lower Upper
202 100
101 13.4 0.0 35.3
203 17.7 0.0 38.1

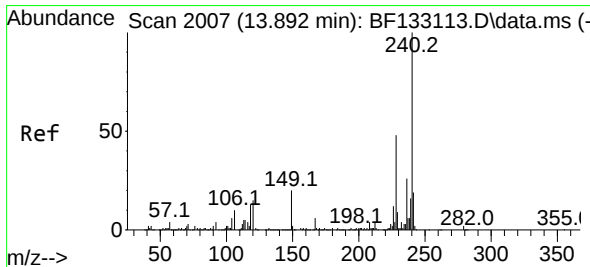
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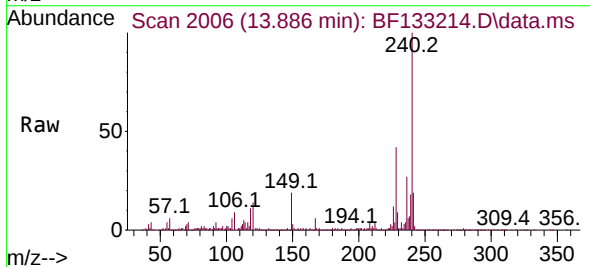


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Supervised By :Jagrut
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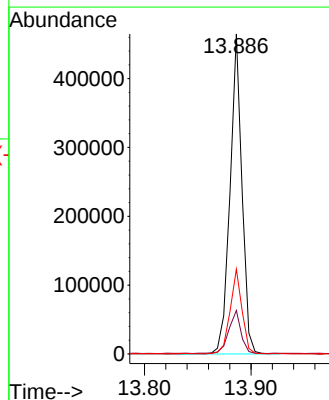
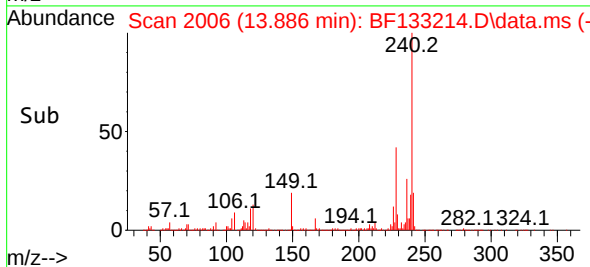
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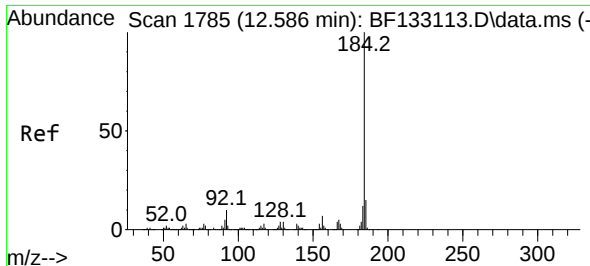


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48



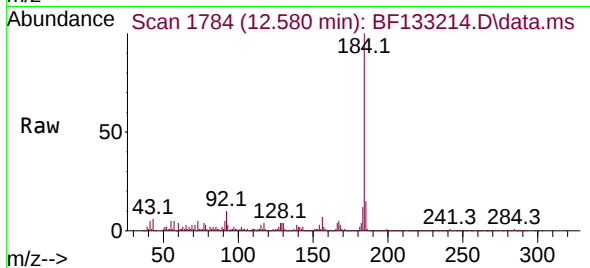
Tgt Ion:240 Resp: 360468
Ion Ratio Lower Upper
240 100
120 13.6 10.5 15.7
236 26.5 21.5 32.3





#77
Benzidine
Concen: 74.534 ng m
RT: 12.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

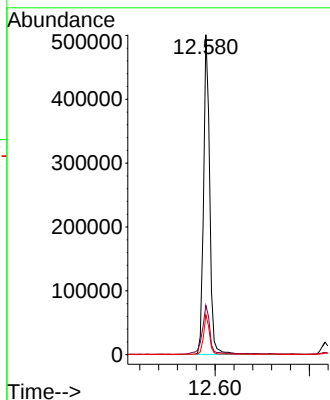
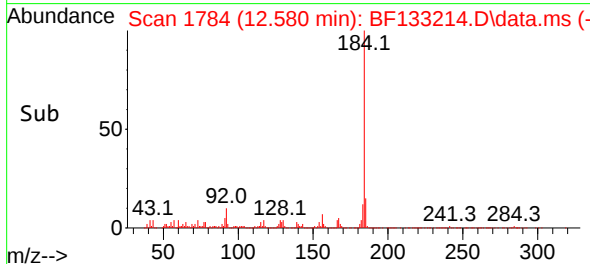
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:184 Resp: 454340
Ion Ratio Lower Upper
184 100
185 15.4 15.4 23.2
183 12.5 9.4 14.0

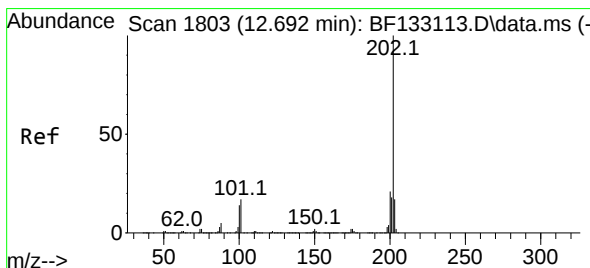
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APPROVED

Reviewed By :Christian
Giraldo



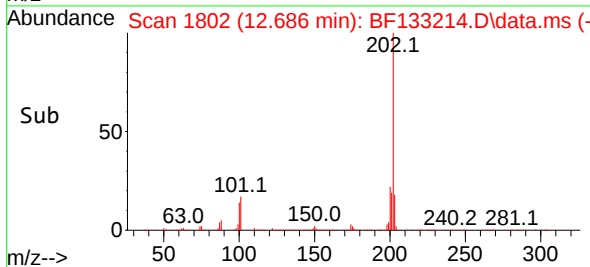
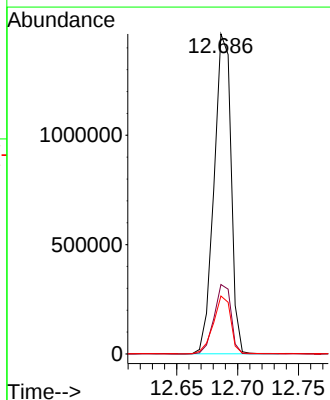
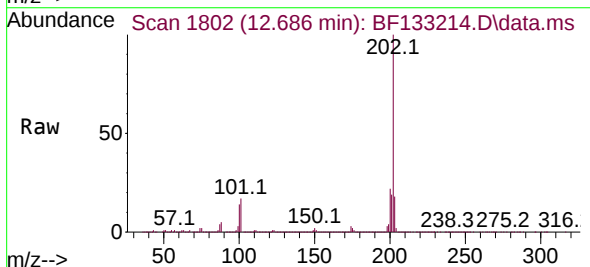
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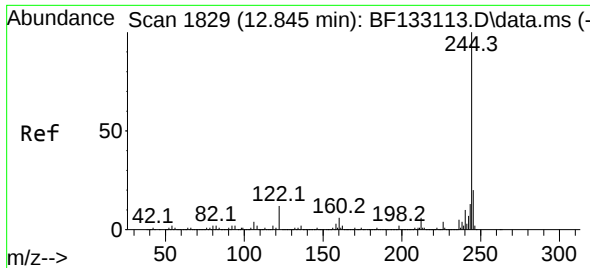
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#78
Pyrene
Concen: 45.963 ng
RT: 12.686 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

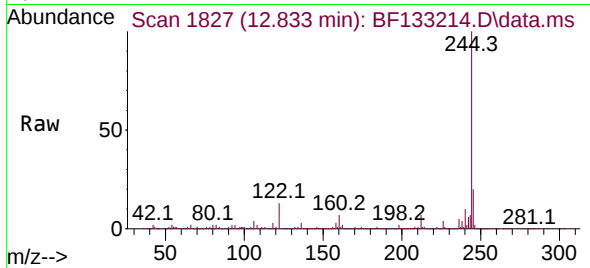
Tgt Ion:202 Resp: 1420289
Ion Ratio Lower Upper
202 100
200 21.7 17.1 25.7
203 18.1 14.1 21.1





#79
Terphenyl-d14
Concen: 71.463 ng
RT: 12.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

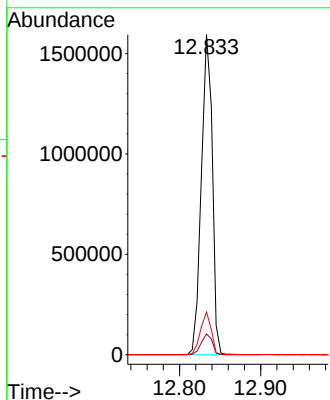
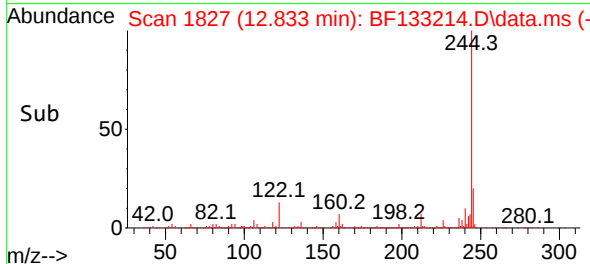
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:244 Resp: 149362
Ion Ratio Lower Upper
244 100
212 6.5 5.1 7.7
122 13.3 8.6 13.0

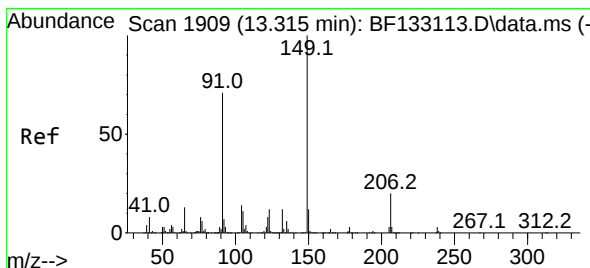
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Reviewed By :Christian
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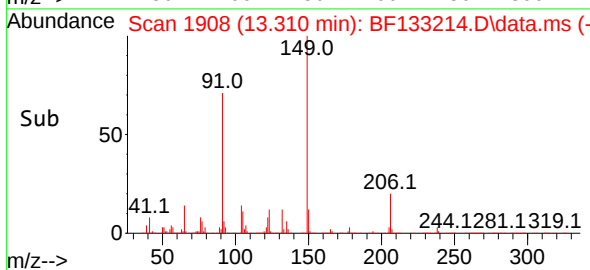
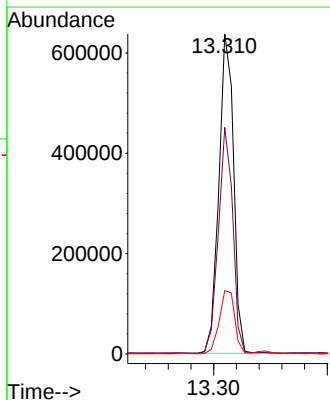
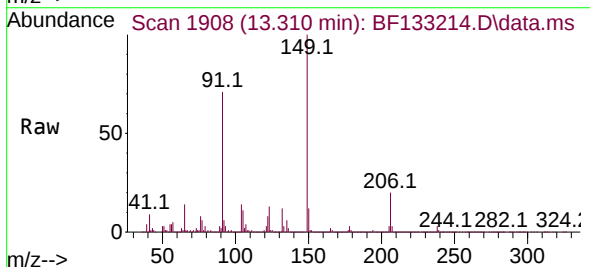
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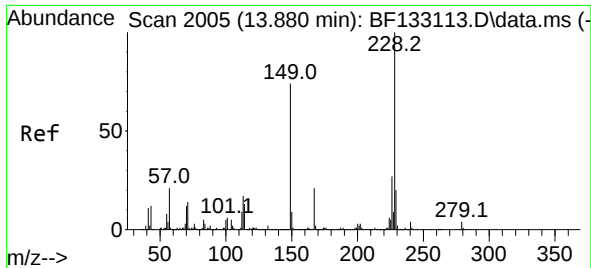
05/04/2023



#80
Butylbenzylphthalate
Concen: 52.463 ng
RT: 13.310 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

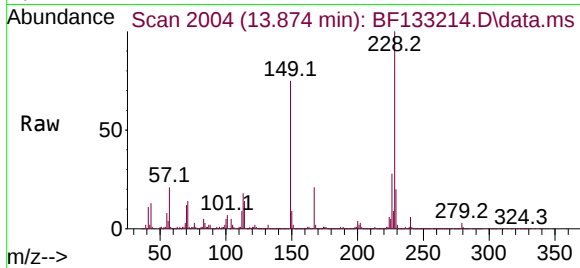
Tgt Ion:149 Resp: 574004
Ion Ratio Lower Upper
149 100
91 70.8 53.8 80.6
206 19.8 17.5 26.3





#81
Benzo(a)anthracene
Concen: 42.312 ng
RT: 13.874 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

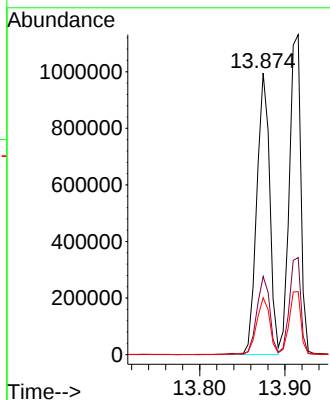
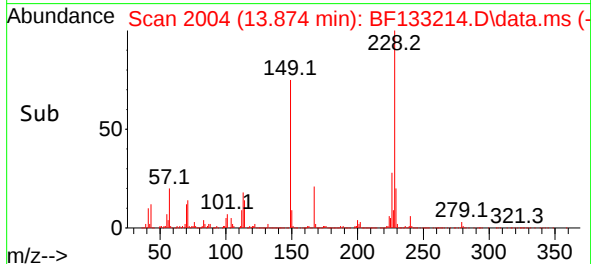
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:228 Resp: 1048844
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.4
229 20.2 16.0 24.0

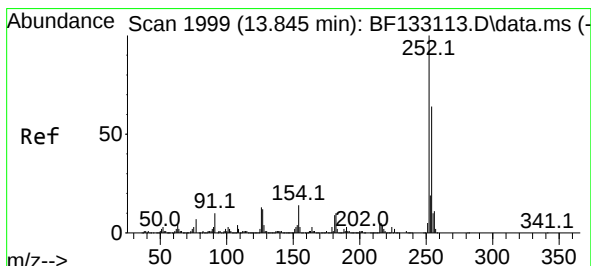
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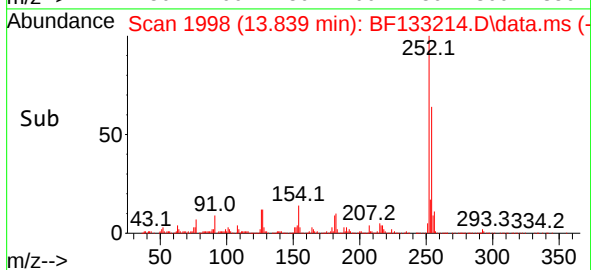
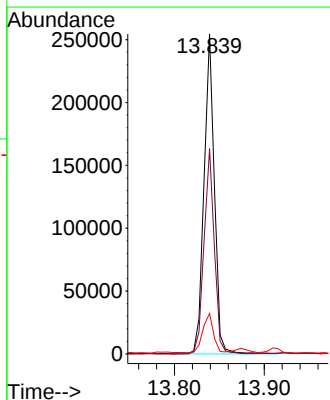
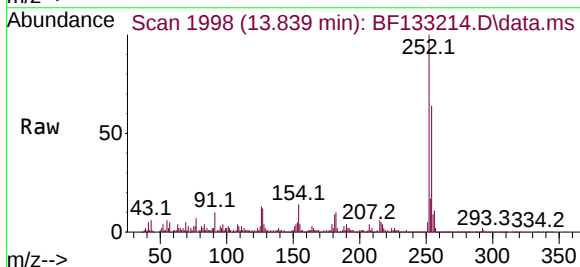
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Supervised By :Jagrut
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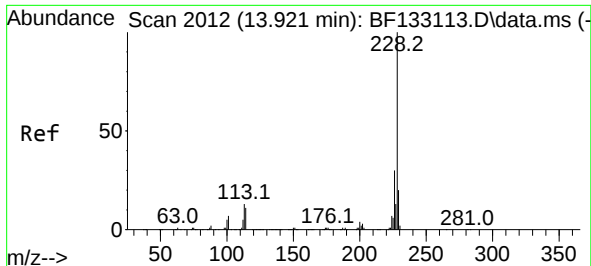
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#82
3,3'-Dichlorobenzidine
Concen: 29.926 ng
RT: 13.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

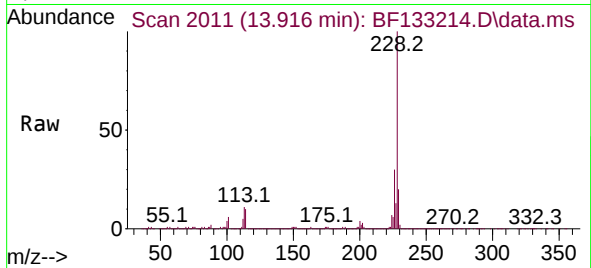
Tgt Ion:252 Resp: 204927
Ion Ratio Lower Upper
252 100
254 64.1 51.5 77.3
126 12.6 9.5 14.3





#83
Chrysene
Concen: 42.581 ng
RT: 13.916 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

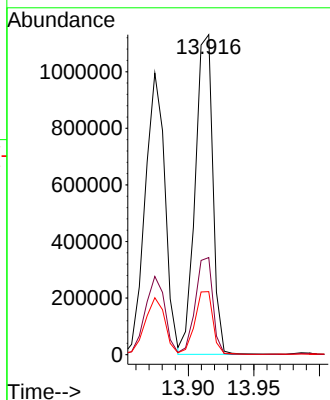
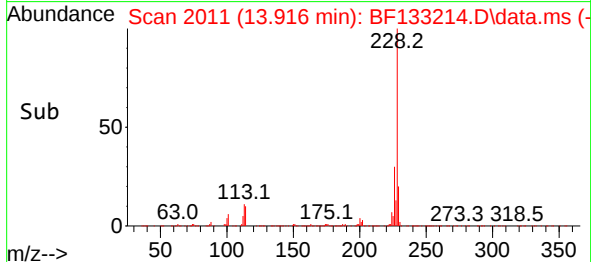
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:228 Resp: 1055259
Ion Ratio Lower Upper
228 100
226 30.3 24.7 37.1
229 19.7 16.1 24.1

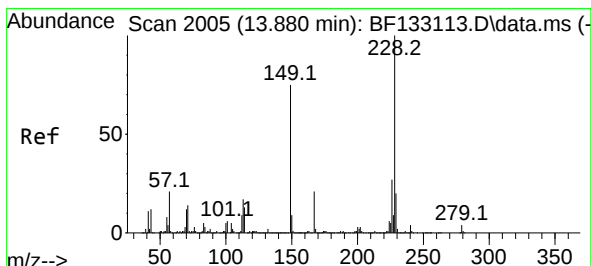
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Giraldo



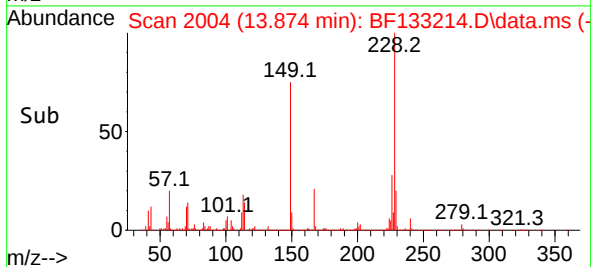
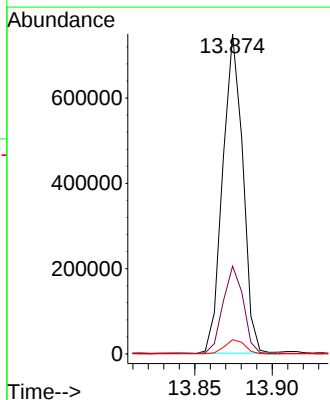
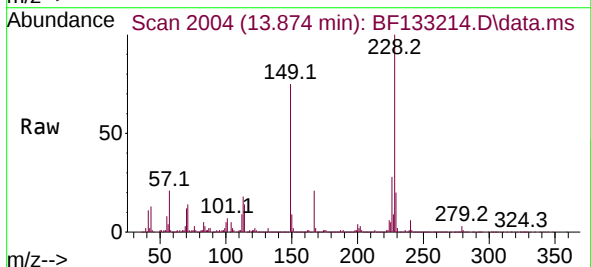
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Upadhyay

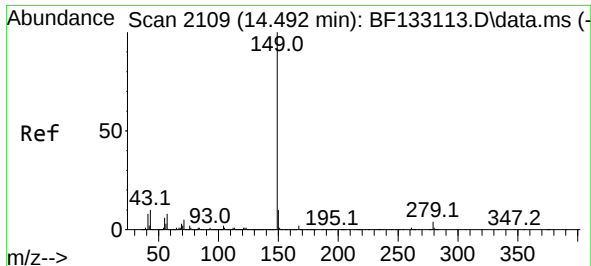
05/04/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.193 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

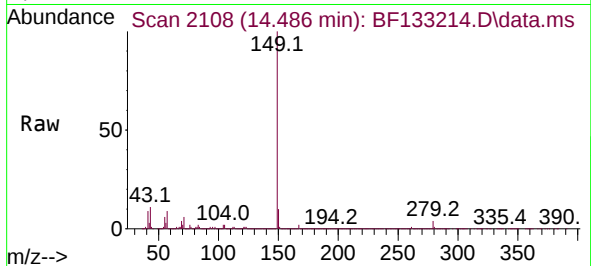
Tgt Ion:149 Resp: 675574
Ion Ratio Lower Upper
149 100
167 27.5 22.5 33.7
279 4.5 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 57.774 ng
RT: 14.486 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

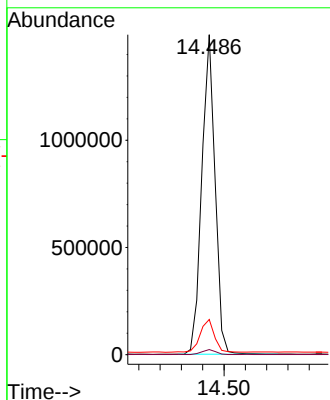
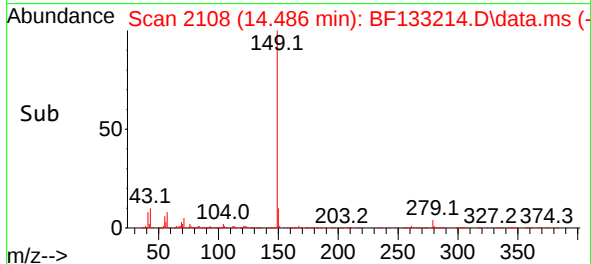
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:149 Resp: 1293708
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 9.5 14.3

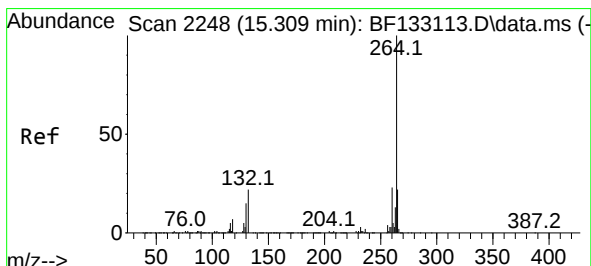
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Reviewed By :Christian
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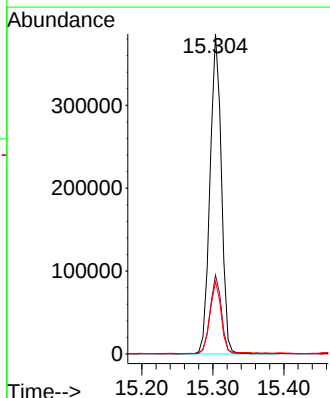
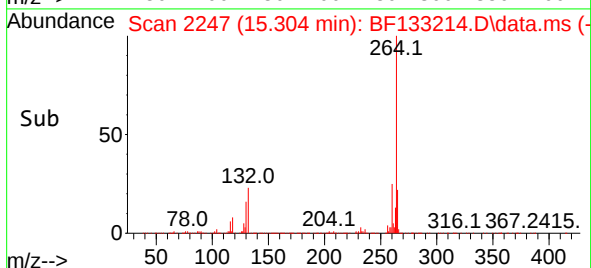
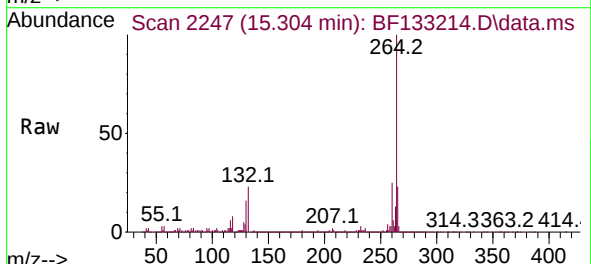
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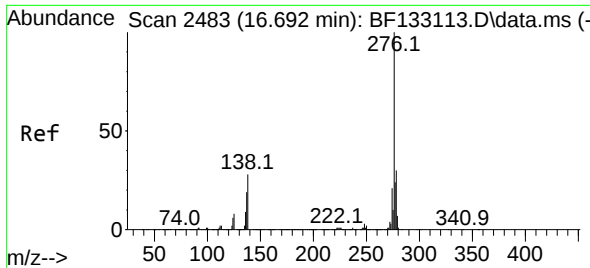
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 2247
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

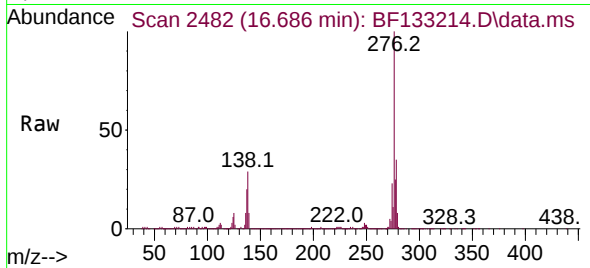
Tgt Ion:264 Resp: 430520
Ion Ratio Lower Upper
264 100
260 24.7 18.8 28.2
265 22.6 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.064 ng
RT: 16.686 min Scan# 2483
Delta R.T. -0.006 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

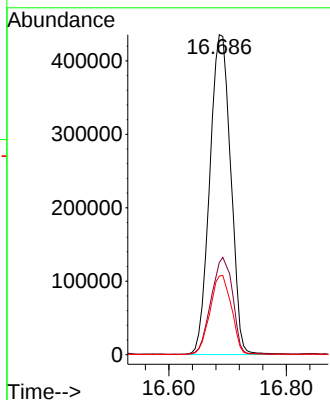
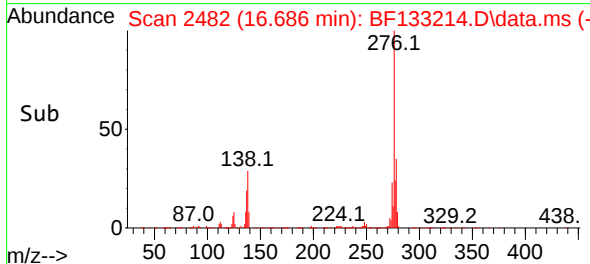
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:276 Resp: 107908
Ion Ratio Lower Upper
276 100
138 31.0 25.5 38.3
277 25.2 20.4 30.6

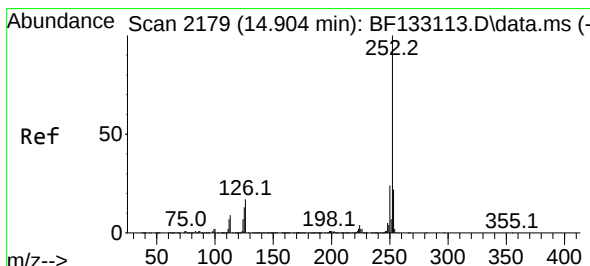
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo



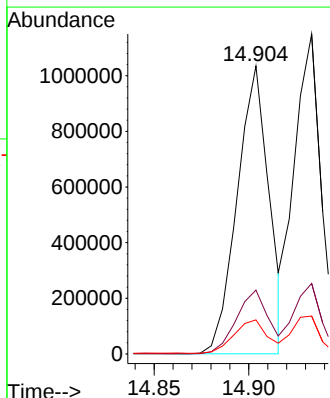
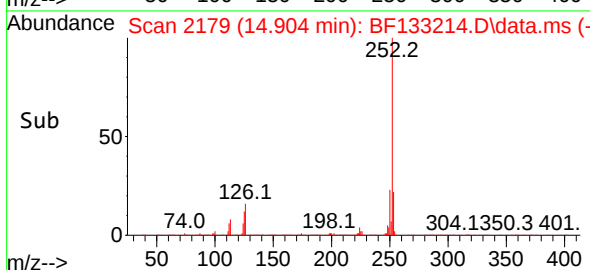
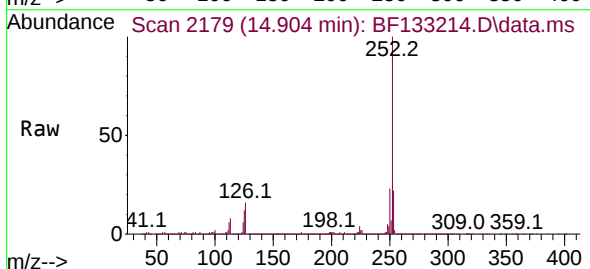
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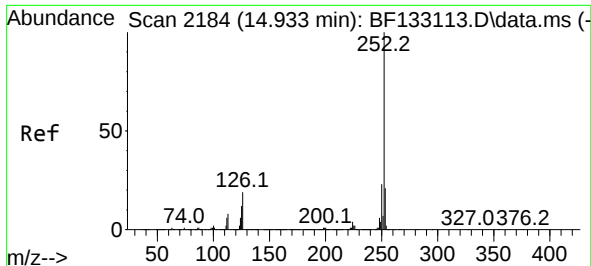
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#88
Benzo(b)fluoranthene
Concen: 44.198 ng
RT: 14.904 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

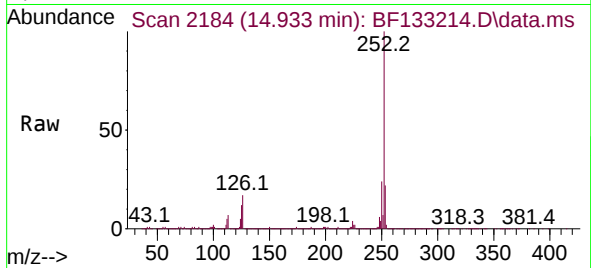
Tgt Ion:252 Resp: 1210540
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.8 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 40.892 ng
RT: 14.933 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

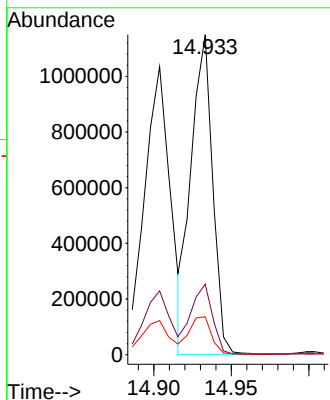
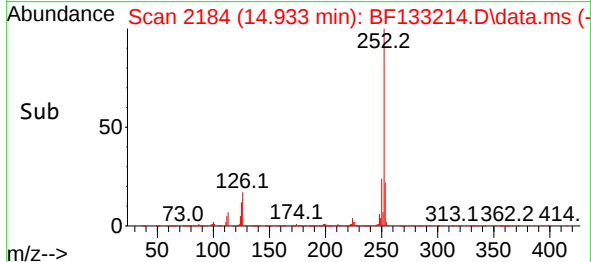
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:252 Resp: 111025
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.9 9.0 13.4

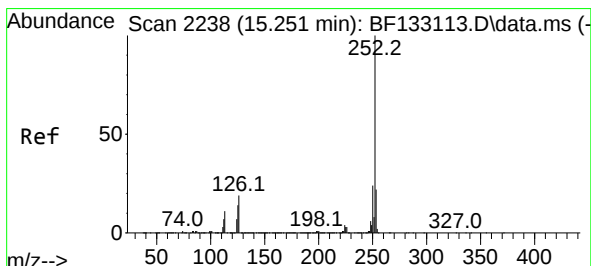
Manual Integrations
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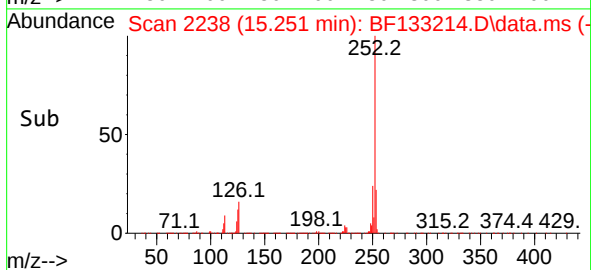
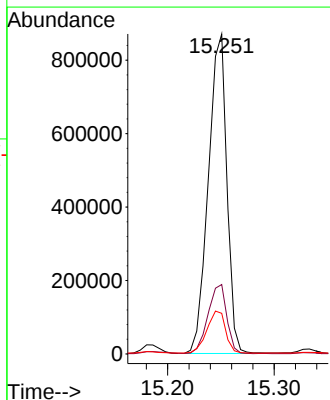
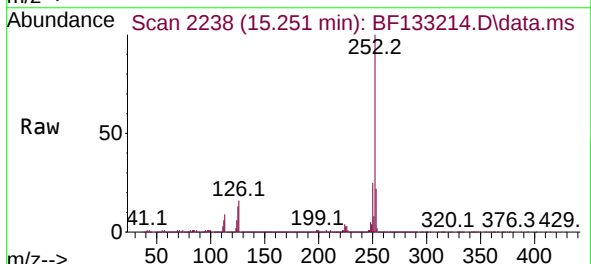
05/04/2023
Supervised By :Jagrut
Upadhyay

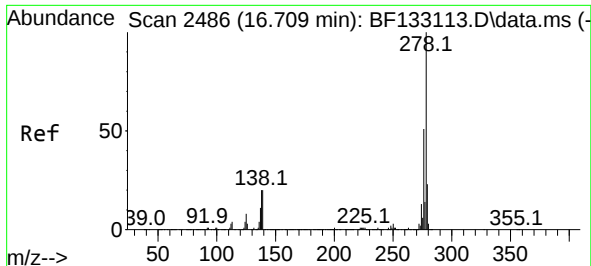
05/04/2023



#90
Benzo(a)pyrene
Concen: 42.350 ng
RT: 15.251 min Scan# 2238
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

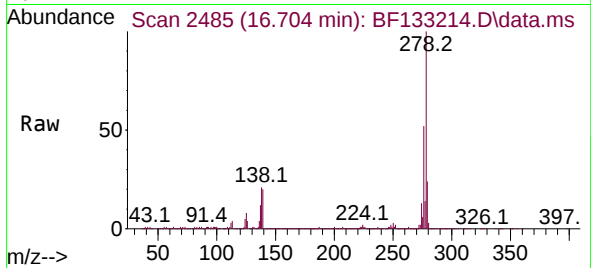
Tgt Ion:252 Resp: 1055776
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 12.7 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 43.805 ng
RT: 16.704 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48

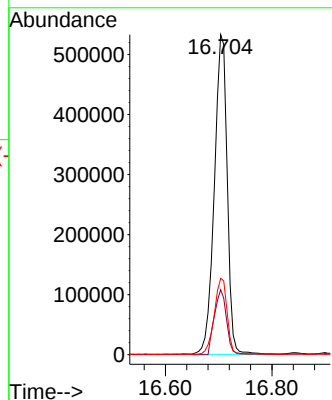
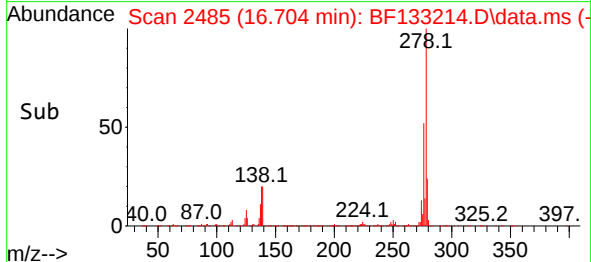
Instrument :
BNA_F
ClientSampleId :
ZONE-A-6-9-05022023MSD



Tgt Ion:278 Resp: 894718
Ion Ratio Lower Upper
278 100
139 20.3 16.6 24.8
279 23.8 18.8 28.2

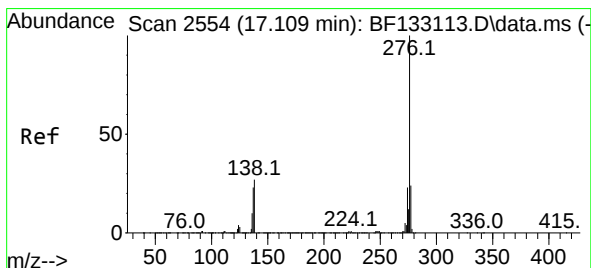
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

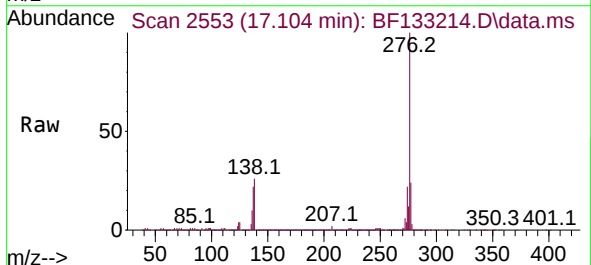


05/04/2023
Supervised By :Jagrut
Upadhyay

05/04/2023



#92
Benzo(g,h,i)perylene
Concen: 40.002 ng
RT: 17.104 min Scan# 2553
Delta R.T. -0.000 min
Lab File: BF133214.D
Acq: 03 May 2023 18:48



Tgt Ion:276 Resp: 806626
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 25.9 22.7 34.1

