

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133418.D
 Acq On : 17 May 2023 17:45
 Operator : CG\JU
 Sample : 02812-14MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WG-0516-B4-10-13MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/18/2023
 Supervised By : Jagrut Upadhyay 05/18/2023

Quant Time: May 18 04:03:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	218893	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	876993	20.000	ng	-0.01
39) Acenaphthene-d10	9.751	164	452687	20.000	ng	-0.01
64) Phenanthrene-d10	11.239	188	809890	20.000	ng	0.00
76) Chrysene-d12	13.874	240	362047	20.000	ng	-0.01
86) Perylene-d12	15.298	264	492946	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1403873	96.883	ng	0.00
7) Phenol-d6	6.363	99	1677675	93.279	ng	0.00
23) Nitrobenzene-d5	7.286	82	1063007	65.426	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	433851	95.297	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	1753883	64.818	ng	-0.01
79) Terphenyl-d14	12.821	244	1713913	81.645	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.410	88	284458	42.323	ng	93
3) Pyridine	3.098	79	703021	39.382	ng	97
4) n-Nitrosodimethylamine	3.063	42	375119	40.569	ng	93
6) Aniline	6.375	93	826623	35.684	ng	# 42
8) 2-Chlorophenol	6.504	128	743366	50.526	ng	94
9) Benzaldehyde	6.263	77	468825	76.897	ng	96
10) Phenol	6.381	94	864873	43.589	ng	78
11) bis(2-Chloroethyl)ether	6.451	93	693676	46.589	ng	98
12) 1,3-Dichlorobenzene	6.657	146	785108	50.192	ng	97
13) 1,4-Dichlorobenzene	6.734	146	792294	50.540	ng	97
14) 1,2-Dichlorobenzene	6.886	146	755060	52.243	ng	99
15) Benzyl Alcohol	6.869	79	606313	48.803	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1077977	41.684	ng	86
17) 2-Methylphenol	6.986	107	601324	44.635	ng	96
18) Hexachloroethane	7.228	117	272099	49.924	ng	98
19) n-Nitroso-di-n-propyla...	7.139	70	461676	41.232	ng	94
20) 3+4-Methylphenols	7.139	107	734644	46.305	ng	# 71
22) Acetophenone	7.128	105	982248	48.350	ng	# 92
24) Nitrobenzene	7.304	77	739095	44.891	ng	99
25) Isophorone	7.545	82	1388044	44.995	ng	99
26) 2-Nitrophenol	7.622	139	413928	52.125	ng	90
27) 2,4-Dimethylphenol	7.669	122	664787	48.821	ng	97
28) bis(2-Chloroethoxy)met...	7.757	93	848598	46.499	ng	99
29) 2,4-Dichlorophenol	7.869	162	606139	48.898	ng	96
30) 1,2,4-Trichlorobenzene	7.945	180	631348	49.162	ng	99
31) Naphthalene	8.022	128	2025916	46.204	ng	99
32) Benzoic acid	7.798	122	293271m	34.868	ng	
33) 4-Chloroaniline	8.075	127	427260	24.117	ng	99
34) Hexachlorobutadiene	8.139	225	347876	48.875	ng	98
35) Caprolactam	8.457	113	217353m	52.195	ng	
36) 4-Chloro-3-methylphenol	8.569	107	651670	48.750	ng	97
37) 2-Methylnaphthalene	8.716	142	1338022	44.635	ng	98
38) 1-Methylnaphthalene	8.816	142	1264324	45.085	ng	98
40) 1,2,4,5-Tetrachloroben...	8.886	216	574136	47.171	ng	100
41) Hexachlorocyclopentadiene	8.869	237	602221	84.838	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	400880	47.625	ng	98

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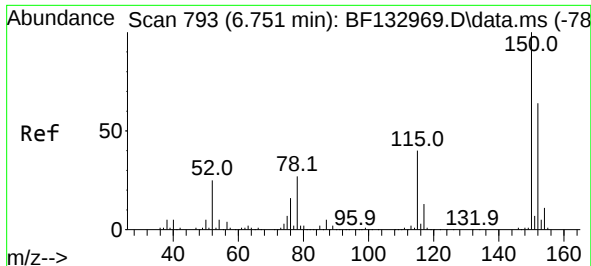
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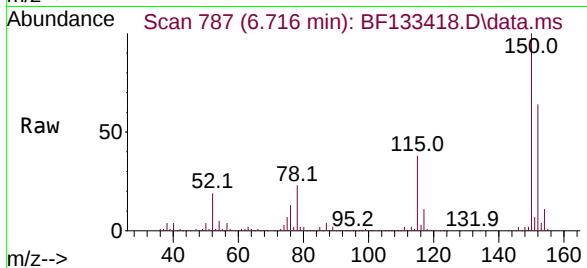
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.039	196	442876	45.493	ng	98
46) 1,1'-Biphenyl	9.180	154	1672048	46.580	ng	98
47) 2-Chloronaphthalene	9.204	162	1271407	48.391	ng	98
48) 2-Nitroaniline	9.304	65	394877	45.476	ng	98
49) Acenaphthylene	9.616	152	1949020	46.426	ng	100
50) Dimethylphthalate	9.486	163	1537001	48.693	ng	99
51) 2,6-Dinitrotoluene	9.545	165	348820	49.099	ng	94
52) Acenaphthene	9.786	154	1389612m	49.423	ng	
53) 3-Nitroaniline	9.716	138	285012	33.740	ng	96
54) 2,4-Dinitrophenol	9.827	184	293943	82.313	ng	93
55) Dibenzofuran	9.963	168	1708138	44.536	ng	99
56) 4-Nitrophenol	9.892	139	519544	79.409	ng	92
57) 2,4-Dinitrotoluene	9.951	165	444022	49.008	ng	94
58) Fluorene	10.304	166	1294156	46.056	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	352657	46.727	ng	97
60) Diethylphthalate	10.180	149	1422897	47.724	ng	100
61) 4-Chlorophenyl-phenyle...	10.298	204	633546	46.266	ng	98
62) 4-Nitroaniline	10.333	138	390248	50.264	ng	96
63) Azobenzene	10.457	77	1387582	43.933	ng	96
65) 4,6-Dinitro-2-methylph...	10.363	198	244232	49.753	ng	91
66) n-Nitrosodiphenylamine	10.416	169	1214631	46.235	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	407301	46.370	ng	98
68) Hexachlorobenzene	10.851	284	440569	48.949	ng	96
69) Atrazine	10.951	200	419415	55.407	ng	98
70) Pentachlorophenol	11.051	266	408477	63.723	ng	97
71) Phenanthrene	11.263	178	1998472	45.911	ng	99
72) Anthracene	11.316	178	2030935	45.591	ng	99
73) Carbazole	11.474	167	1803792	45.474	ng	99
74) Di-n-butylphthalate	11.804	149	2229157	49.660	ng	99
75) Fluoranthene	12.451	202	1919834	43.946	ng	98
77) Benzidine	12.568	184	470607	76.866	ng	# 93
78) Pyrene	12.680	202	1882935	60.670	ng	99
80) Butylbenzylphthalate	13.298	149	750024	68.252	ng	97
81) Benzo(a)anthracene	13.862	228	1169224	46.963	ng	99
82) 3,3'-Dichlorobenzidine	13.827	252	268628	39.057	ng	98
83) Chrysene	13.904	228	1163166	46.731	ng	100
84) Bis(2-ethylhexyl)phtha...	13.862	149	852165	61.782	ng	99
85) Di-n-octyl phthalate	14.468	149	1479129	65.767	ng	96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1703167	60.741	ng	99
88) Benzo(b)fluoranthene	14.892	252	1480675	47.214	ng	99
89) Benzo(k)fluoranthene	14.921	252	1201813	38.659	ng	98
90) Benzo(a)pyrene	15.239	252	1267151	44.392	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	1409185	60.256	ng	98
92) Benzo(g,h,i)perylene	17.103	276	1426027	61.764	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

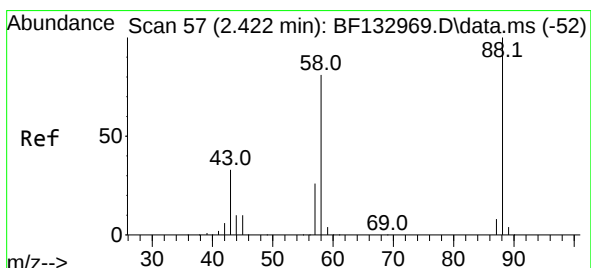
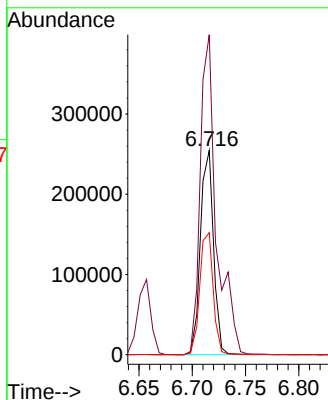
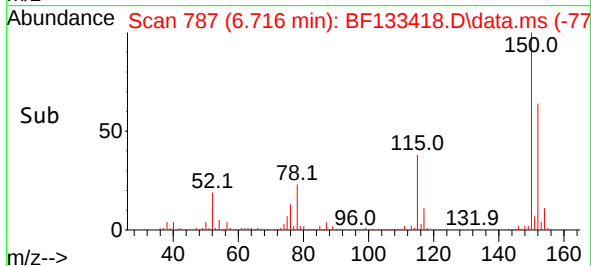
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



Tgt Ion:152 Resp: 21889
Ion Ratio Lower Upper
152 100
150 156.7 124.8 187.2
115 59.8 49.9 74.9

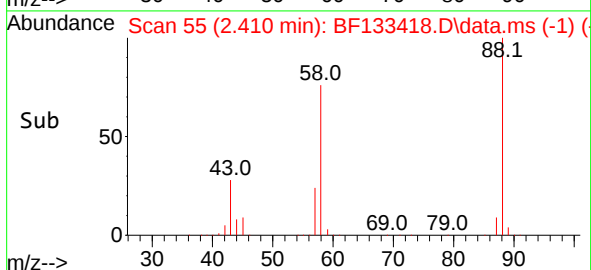
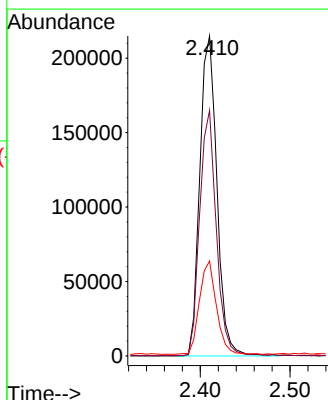
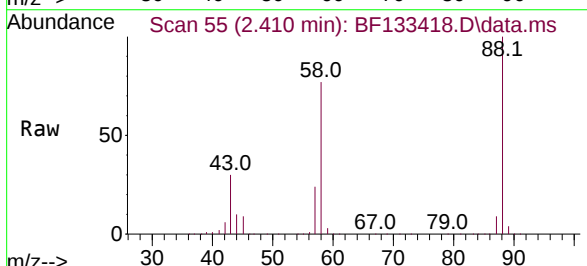
Manual Integrations
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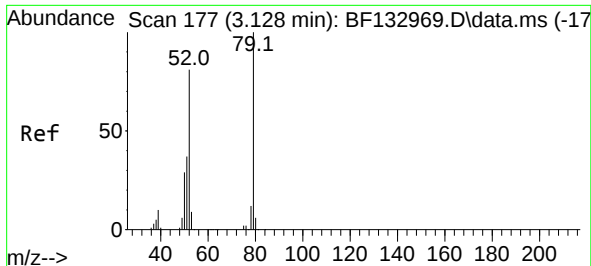
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#2
1,4-Dioxane
Concen: 42.323 ng
RT: 2.410 min Scan# 55
Delta R.T. 0.041 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

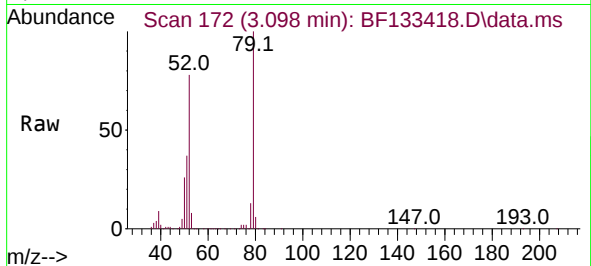
Tgt Ion: 88 Resp: 284458
Ion Ratio Lower Upper
88 100
58 74.6 64.7 97.1
43 28.9 26.2 39.2





#3
Pyridine
Concen: 39.382 ng
RT: 3.098 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

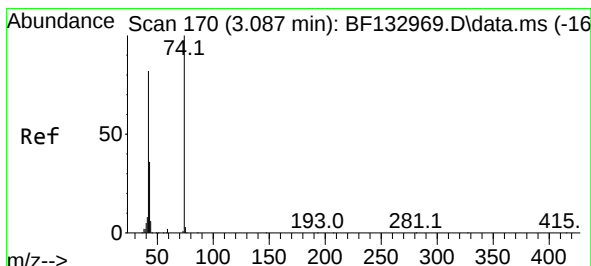
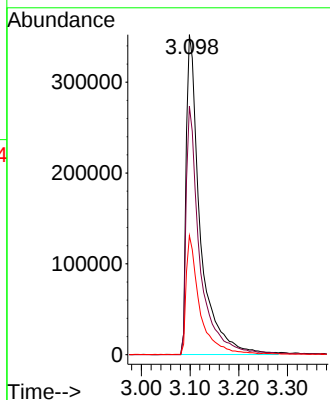
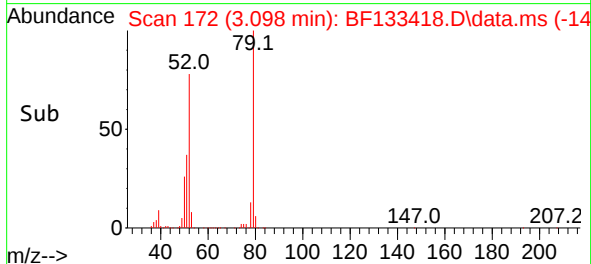
Instrument :
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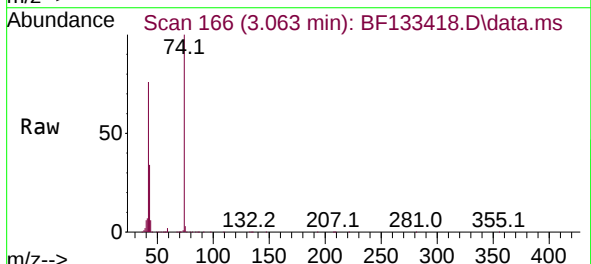
Tgt Ion: 79 Resp: 70302
Ion Ratio Lower Upper
79 100
52 77.6 64.6 96.8
51 37.2 30.0 45.0

Manual Integrations
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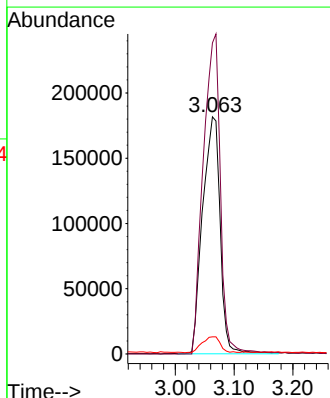
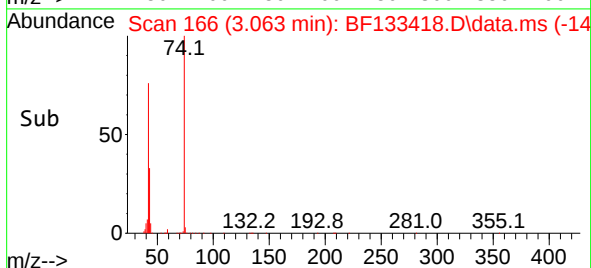
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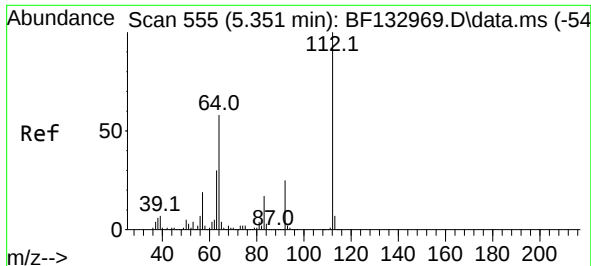


#4
n-Nitrosodimethylamine
Concen: 40.569 ng
RT: 3.063 min Scan# 166
Delta R.T. 0.035 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45



Tgt Ion: 42 Resp: 375119
Ion Ratio Lower Upper
42 100
74 131.2 98.0 147.0
44 7.2 5.8 8.8





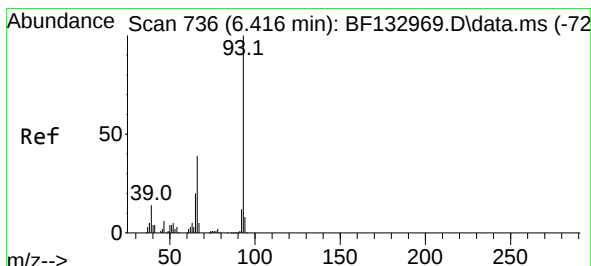
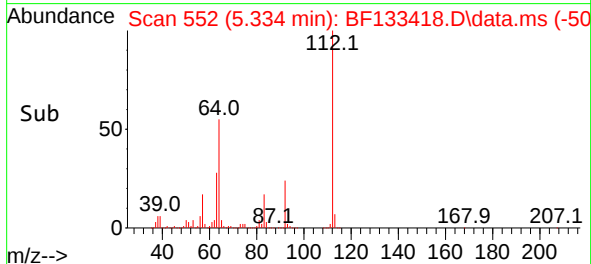
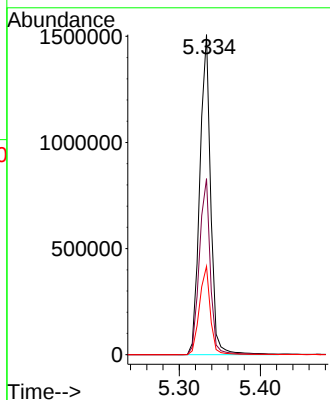
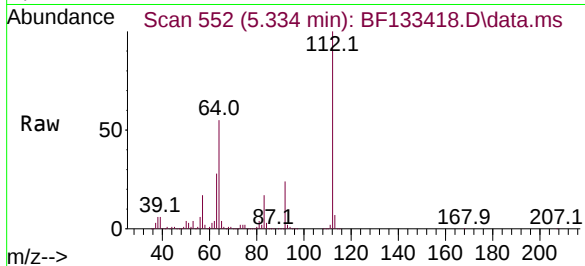
#5
2-Fluorophenol
Concen: 96.883 ng
RT: 5.334 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

Instrument :
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ClientSampleId :
WG-0516-B4-10-13MS

Tgt Ion:112 Resp: 140387
Ion Ratio Lower Upper
112 100
64 55.0 46.8 70.2
63 27.6 23.8 35.8

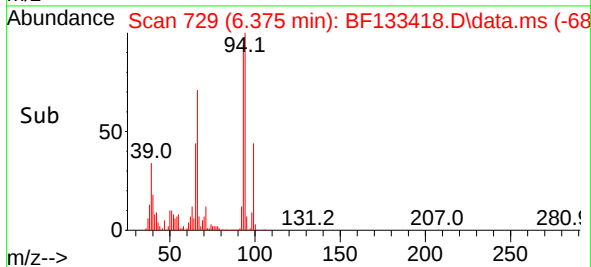
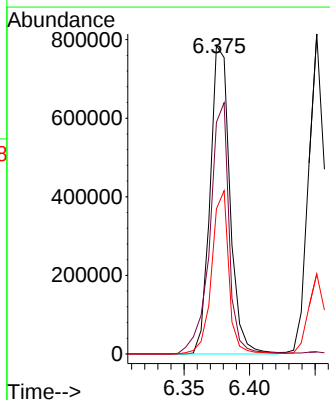
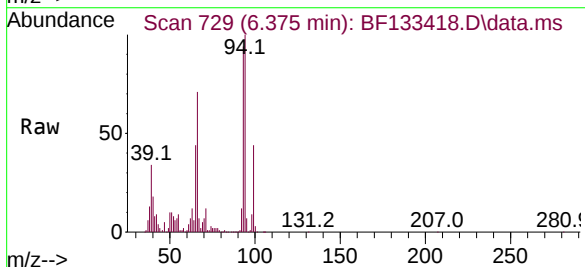
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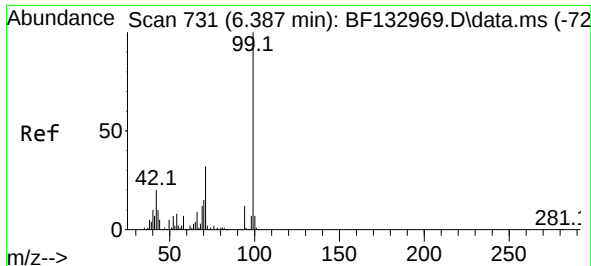
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#6
Aniline
Concen: 35.684 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.012 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

Tgt Ion: 93 Resp: 826623
Ion Ratio Lower Upper
93 100
66 75.1 31.5 47.3#
65 47.1 16.4 24.6#





#7

Phenol-d6

Concen: 93.279 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MS

Tgt Ion: 99 Resp: 167767

Ion Ratio Lower Upper

99 100

42 18.3 16.3 24.5

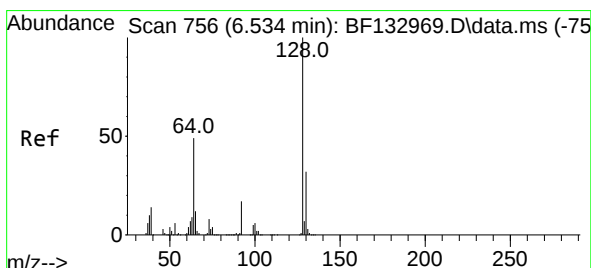
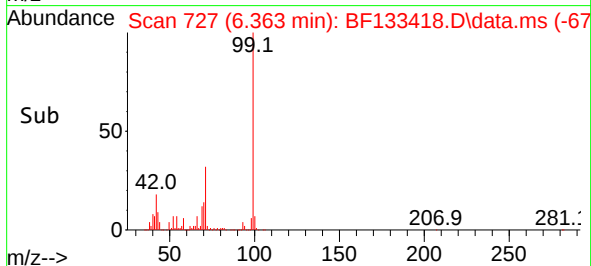
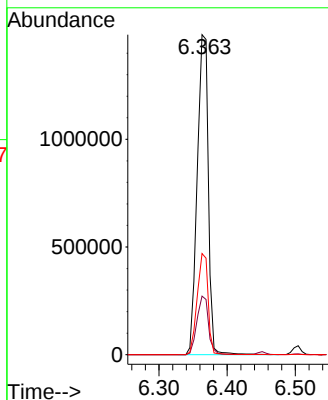
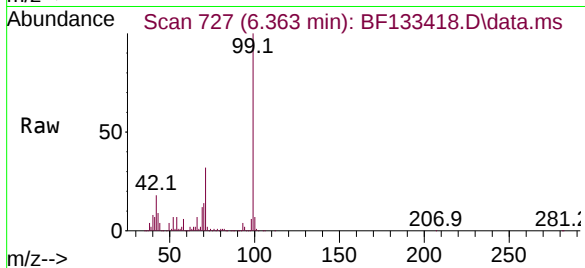
71 31.6 25.6 38.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 50.526 ng

RT: 6.504 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

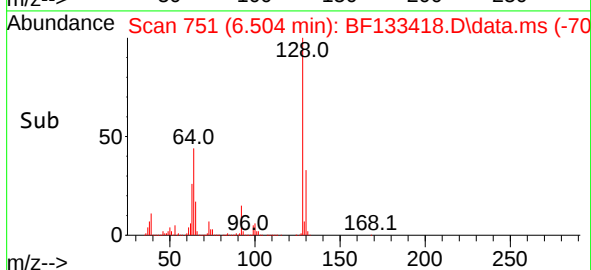
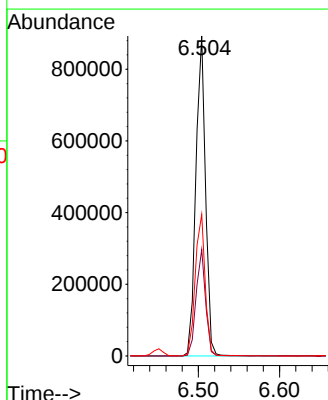
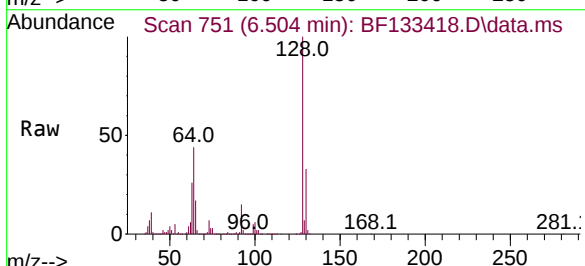
Tgt Ion:128 Resp: 743366

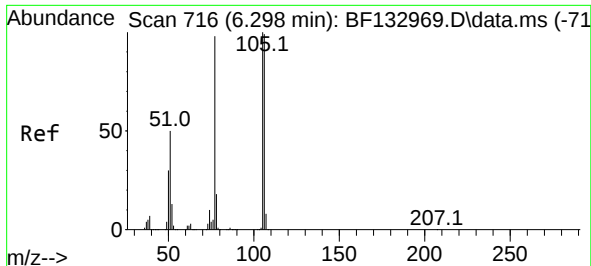
Ion Ratio Lower Upper

128 100

130 33.2 12.2 52.2

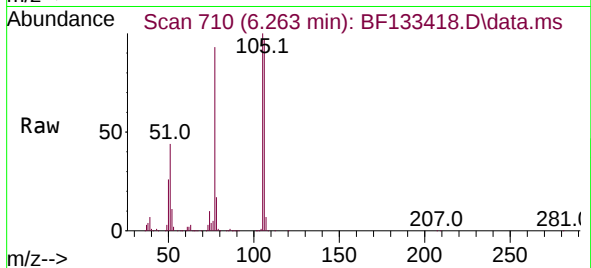
64 44.3 30.3 70.3





#9
Benzaldehyde
Concen: 76.897 ng
RT: 6.263 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

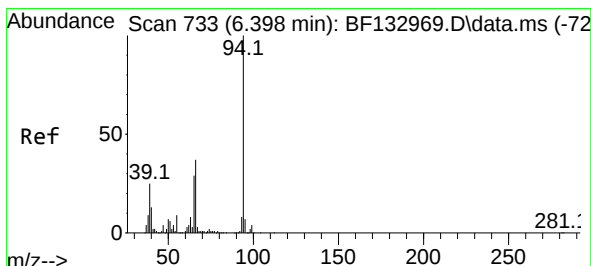
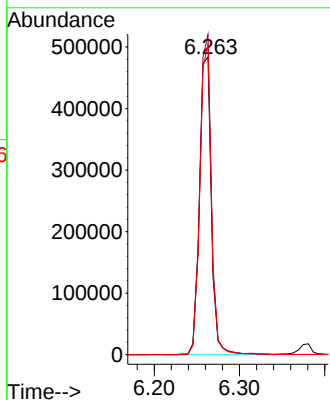
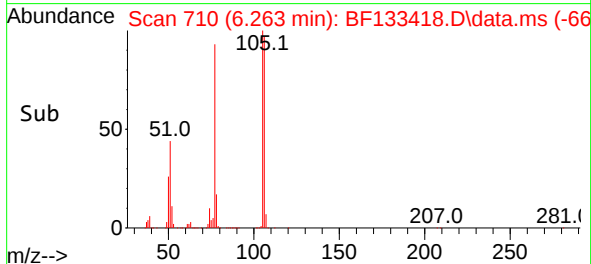
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



Tgt Ion: 77 Resp: 468825
Ion Ratio Lower Upper
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105 107.4 82.3 122.3
106 104.2 80.8 120.8

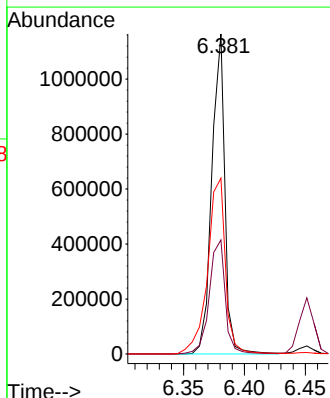
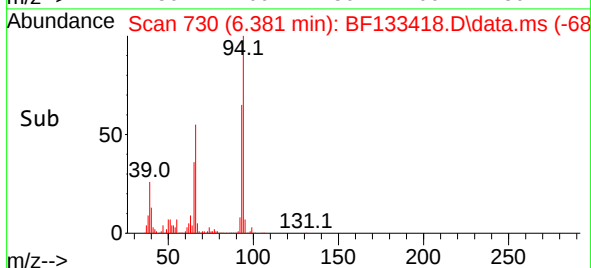
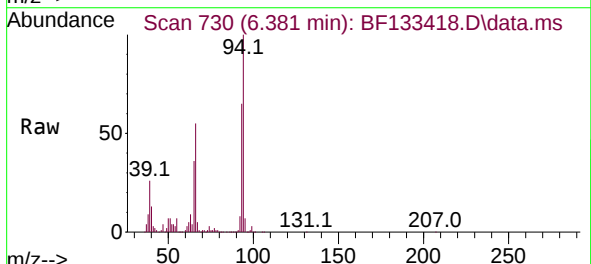
Manual Integrations
APPROVED

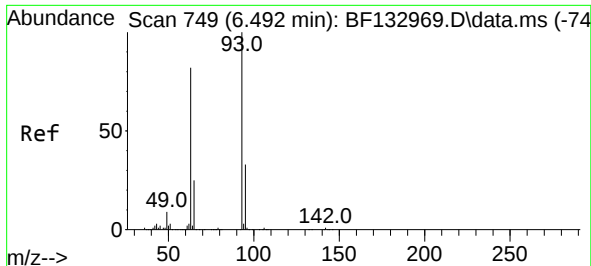
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#10
Phenol
Concen: 43.589 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

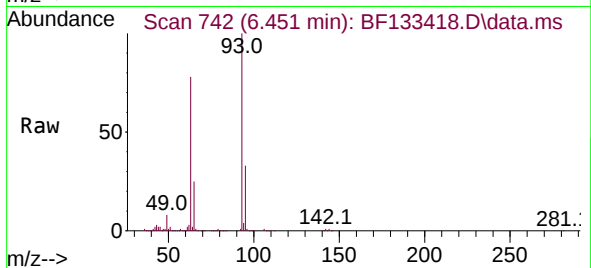
Tgt Ion: 94 Resp: 864873
Ion Ratio Lower Upper
94 100
65 35.7 8.6 48.6
66 54.9 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 46.589 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

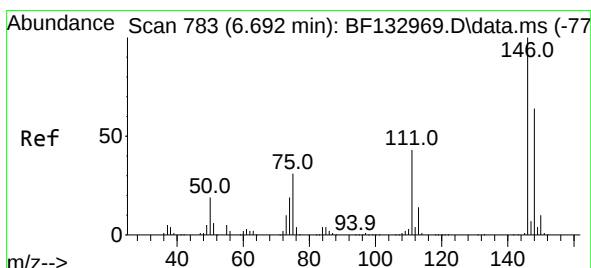
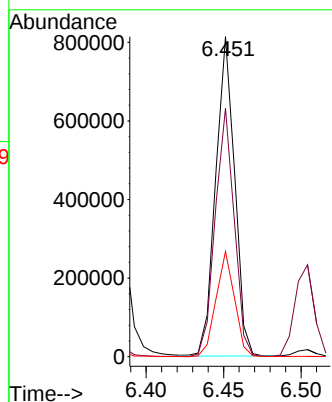
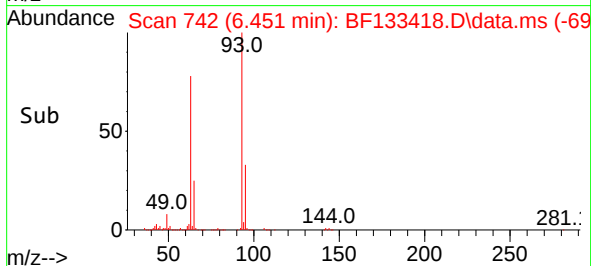
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



Tgt Ion: 93 Resp: 693670
Ion Ratio Lower Upper
93 100
63 77.6 60.6 100.6
95 32.9 12.9 52.9

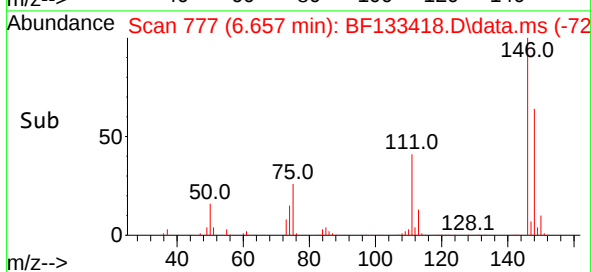
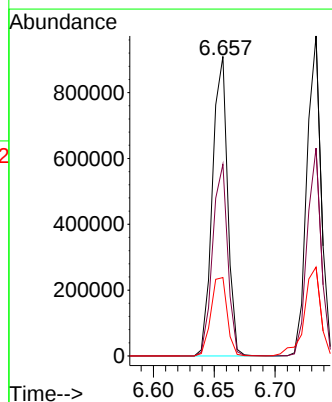
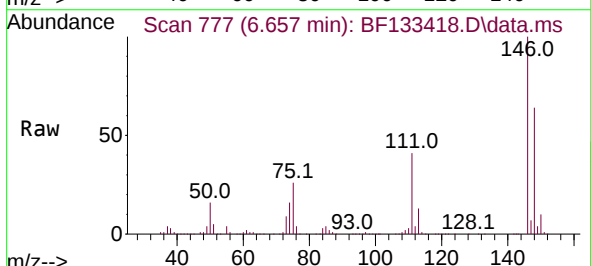
Manual Integrations
APPROVED

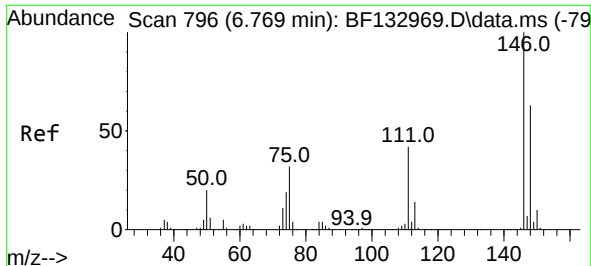
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#12
1,3-Dichlorobenzene
Concen: 50.192 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

Tgt Ion:146 Resp: 785108
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 26.2 24.8 37.2





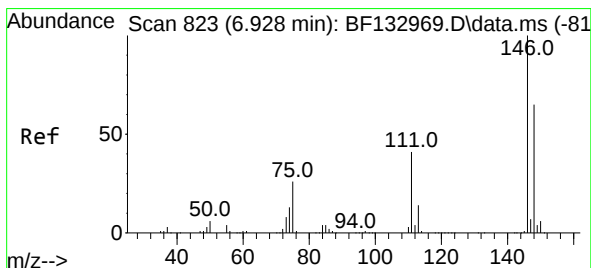
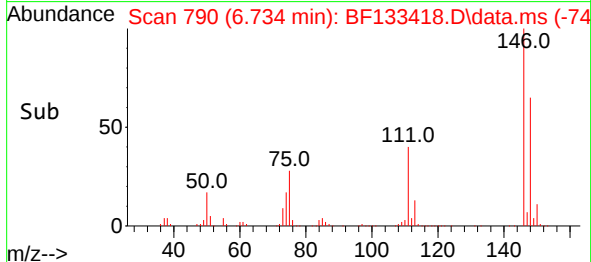
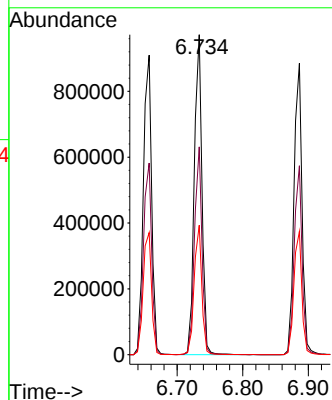
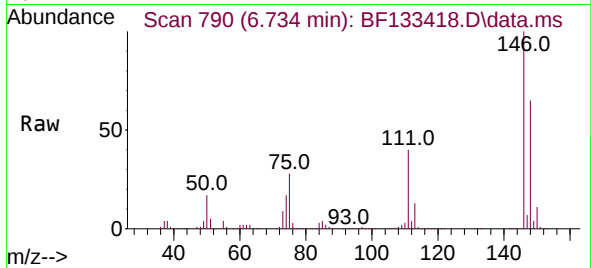
#13
1,4-Dichlorobenzene
Concen: 50.540 ng
RT: 6.734 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS

Tgt Ion:146 Resp: 792294
Ion Ratio Lower Upper
146 100
148 64.9 50.3 75.5
111 40.5 33.8 50.6

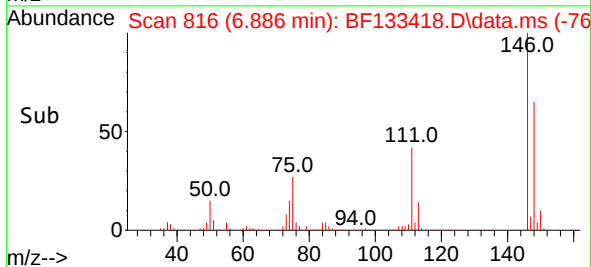
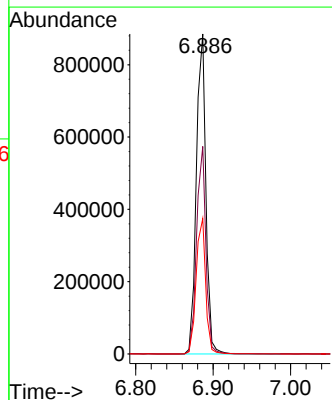
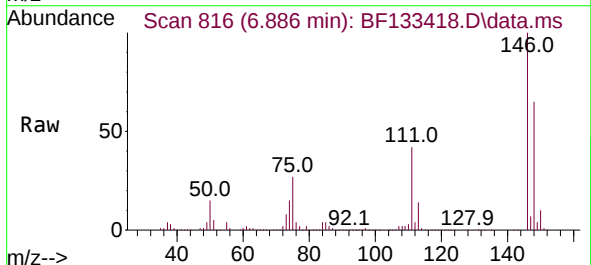
Manual Integrations
APPROVED

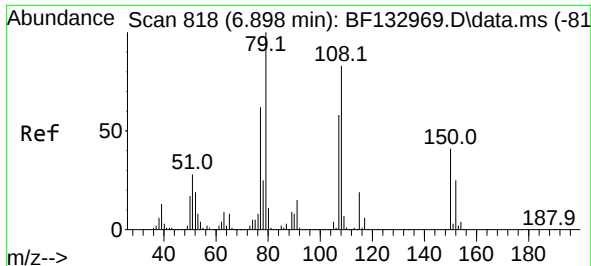
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#14
1,2-Dichlorobenzene
Concen: 52.243 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

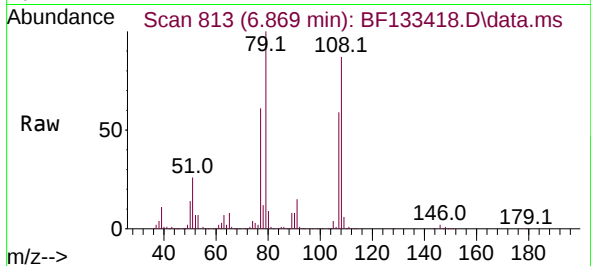
Tgt Ion:146 Resp: 755060
Ion Ratio Lower Upper
146 100
148 64.9 52.2 78.2
111 42.3 32.8 49.2





#15
Benzyl Alcohol
Concen: 48.803 ng
RT: 6.869 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

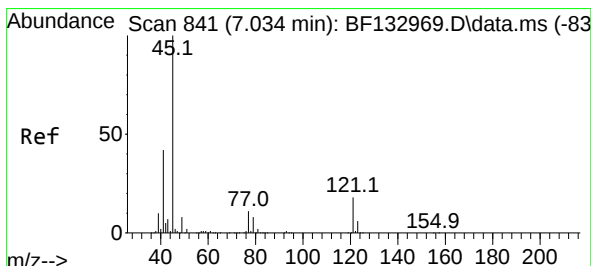
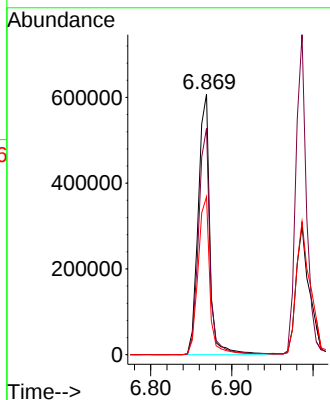
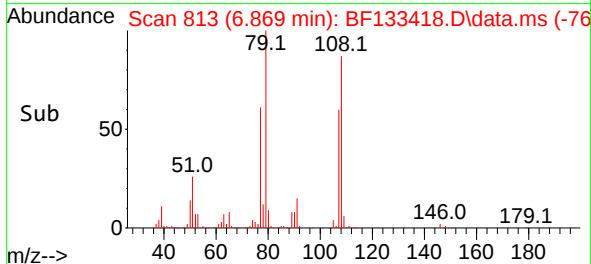
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



Tgt Ion: 79 Resp: 606311
Ion Ratio Lower Upper
79 100
108 86.9 66.6 99.8
77 60.6 49.2 73.8

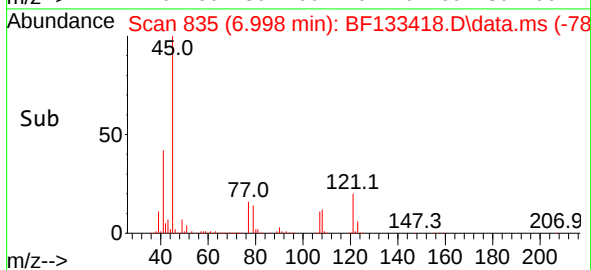
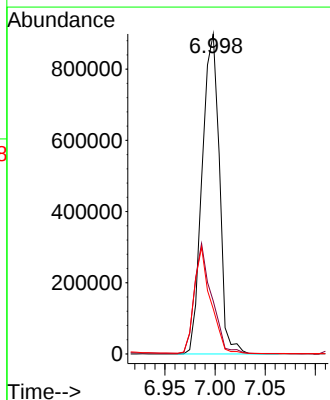
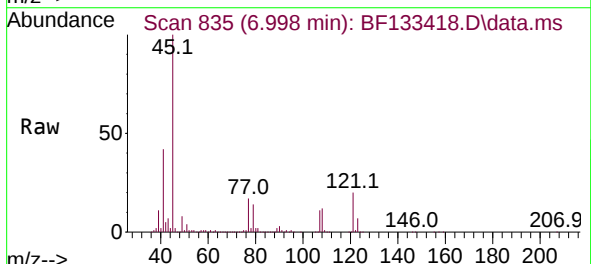
Manual Integrations
APPROVED

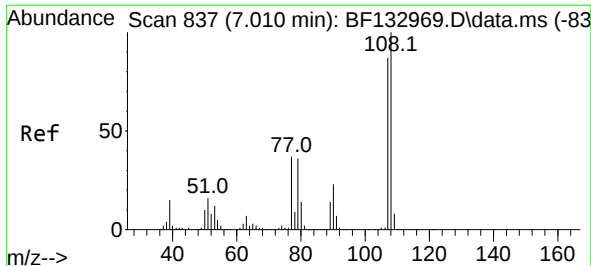
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.684 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

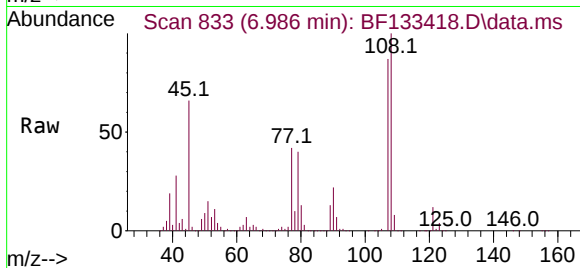
Tgt Ion: 45 Resp: 1077977
Ion Ratio Lower Upper
45 100
77 16.6 0.0 31.5
79 14.1 0.0 28.7





#17
2-Methylphenol
Concen: 44.635 ng
RT: 6.986 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

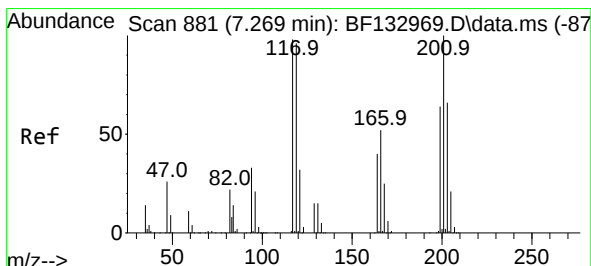
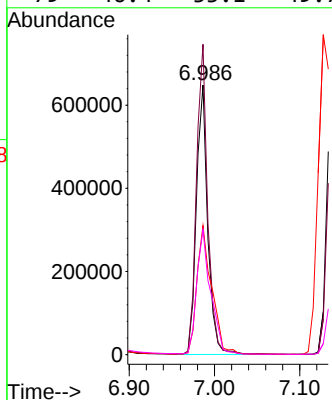
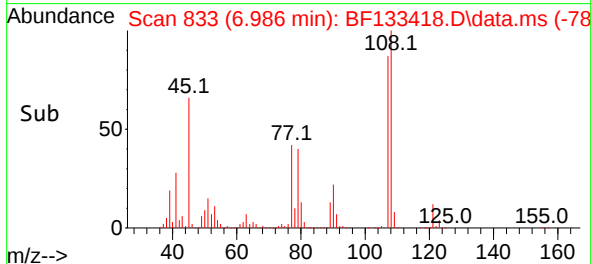
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



Tgt Ion:107 Resp: 601324
Ion Ratio Lower Upper
107 100
108 115.2 92.4 138.6
77 47.9 33.8 50.8
79 46.4 33.1 49.7

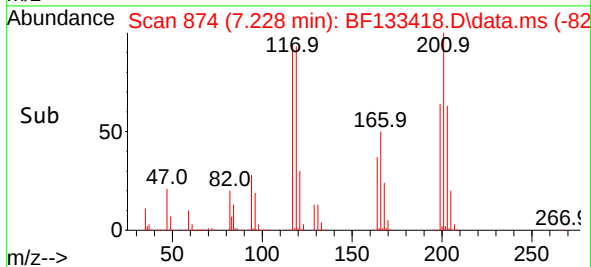
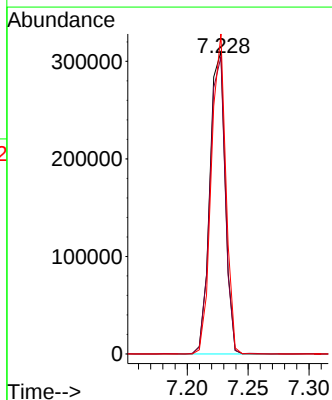
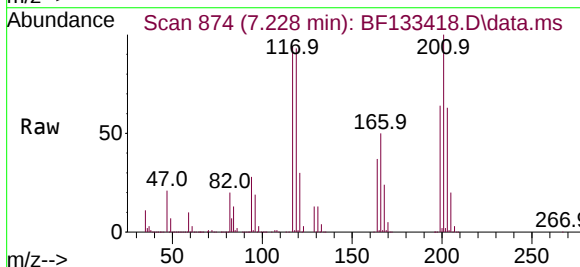
Manual Integrations
APPROVED

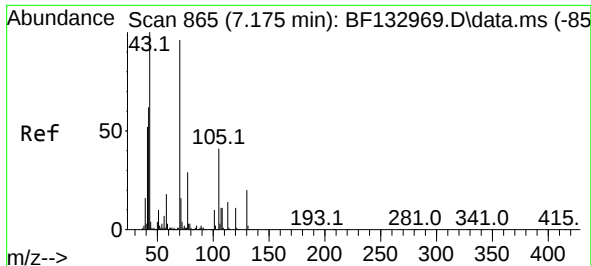
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#18
Hexachloroethane
Concen: 49.924 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

Tgt Ion:117 Resp: 272099
Ion Ratio Lower Upper
117 100
119 98.3 78.2 117.4
201 105.9 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 41.232 ng

RT: 7.139 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF133418.D

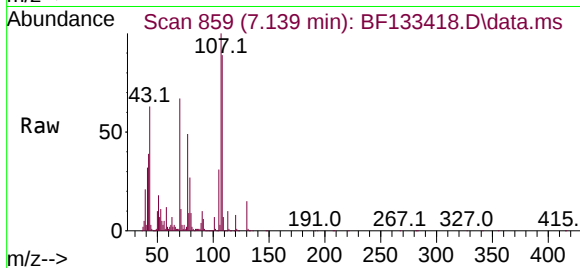
Acq: 17 May 2023 17:45

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MS



Tgt Ion: 70 Resp: 461670

Ion Ratio Lower Upper

70 100

42 58.3 51.8 77.6

101 10.0 8.0 12.0

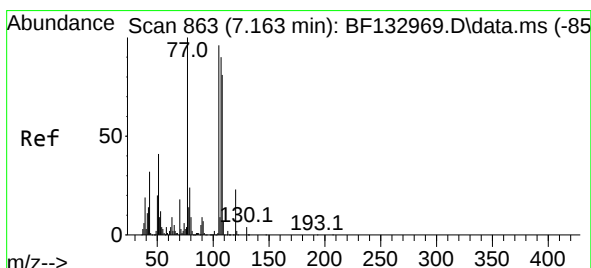
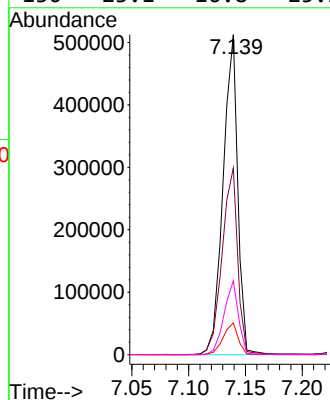
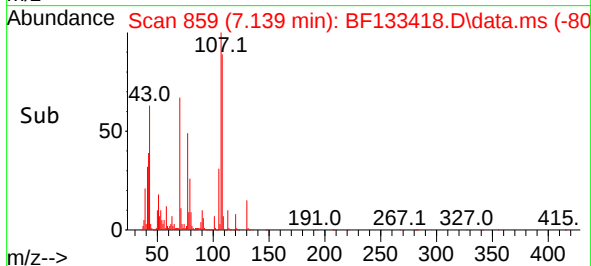
130 23.1 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#20

3+4-Methylphenols

Concen: 46.305 ng

RT: 7.139 min Scan# 859

Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

Tgt Ion:107 Resp: 734644

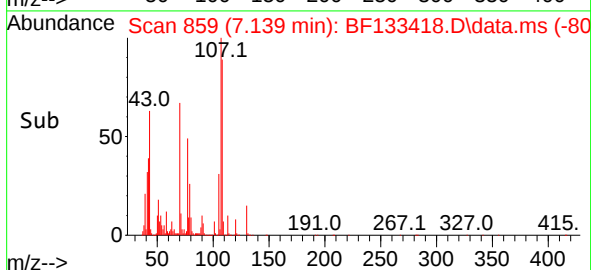
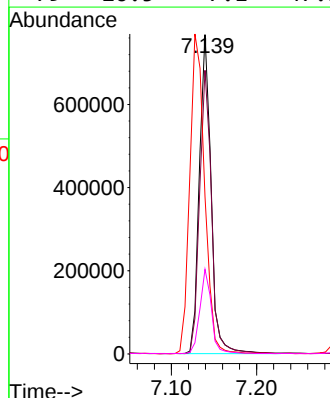
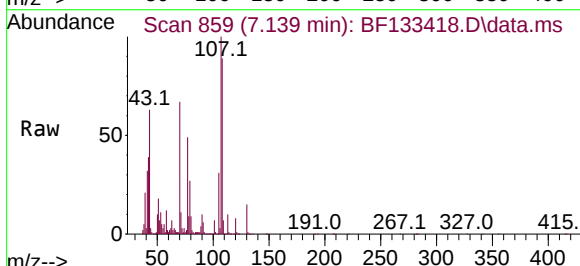
Ion Ratio Lower Upper

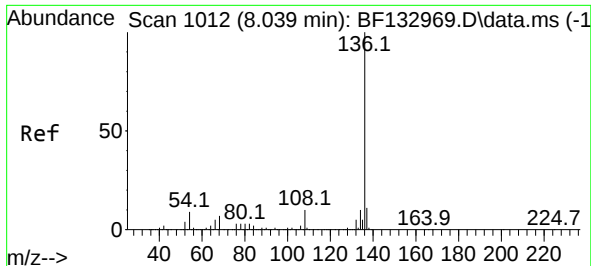
107 100

108 88.8 70.5 110.5

77 49.3 91.7 131.7#

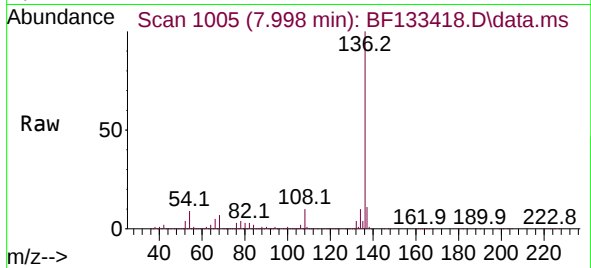
79 26.5 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

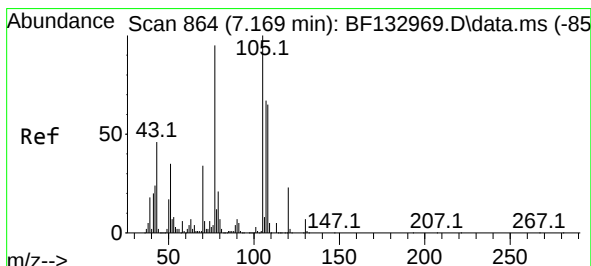
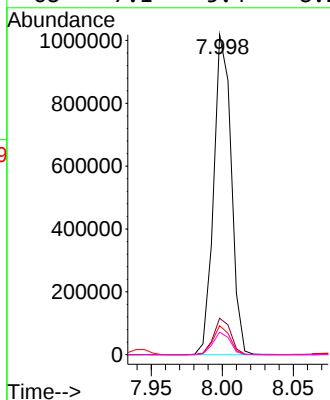
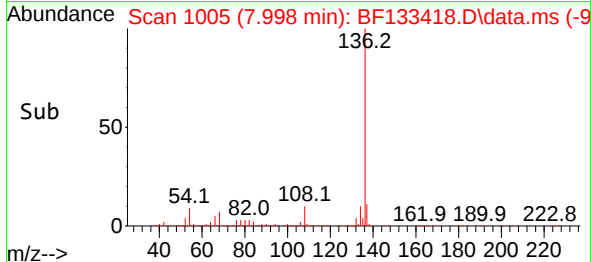
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



Tgt Ion:136 Resp: 876993
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.1 7.0 10.4
68 7.1 5.4 8.2

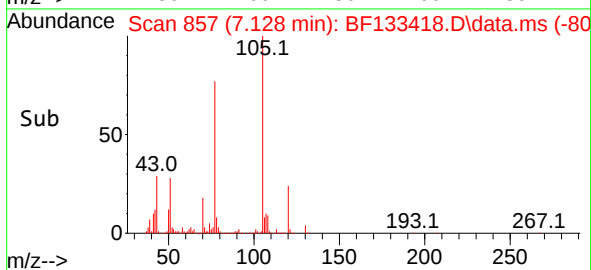
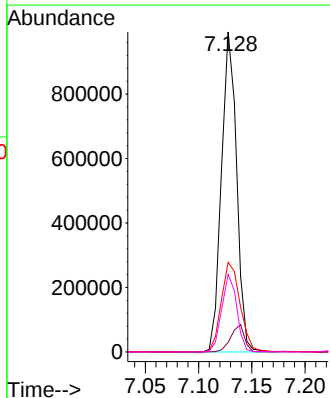
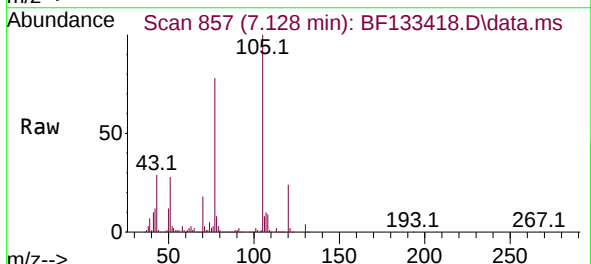
Manual Integrations
APPROVED

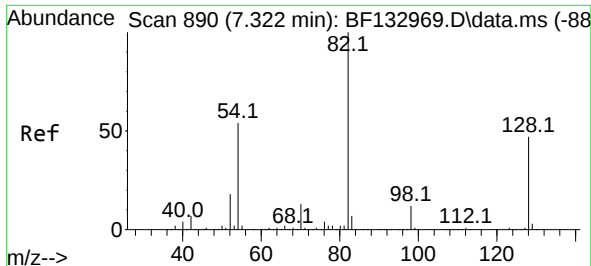
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#22
Acetophenone
Concen: 48.350 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

Tgt Ion:105 Resp: 982248
Ion Ratio Lower Upper
105 100
71 3.0 4.6 7.0#
51 28.0 28.2 42.2#
120 24.2 18.4 27.6





#23

Nitrobenzene-d5

Concen: 65.426 ng

RT: 7.286 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MS

Tgt Ion: 82 Resp: 106300

Ion Ratio Lower Upper

82 100

128 49.6 37.7 56.5

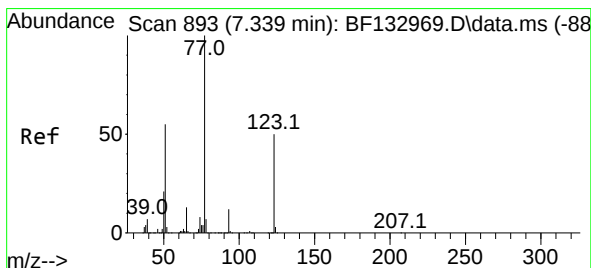
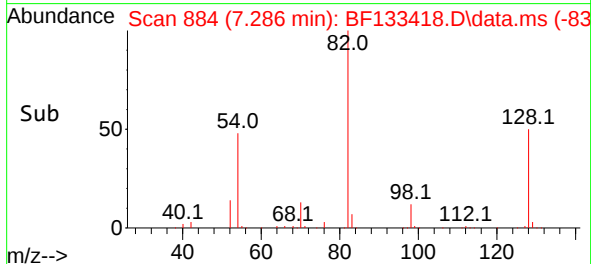
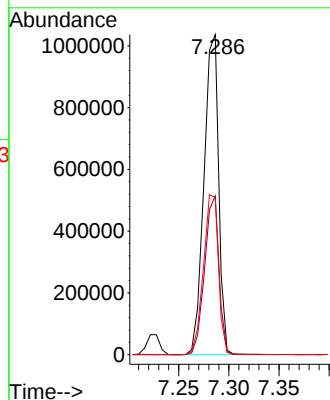
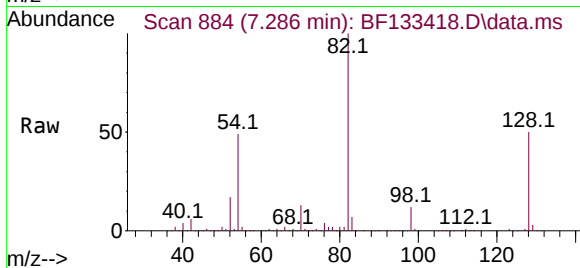
54 49.2 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#24

Nitrobenzene

Concen: 44.891 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

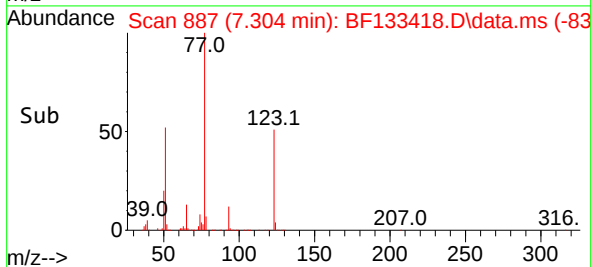
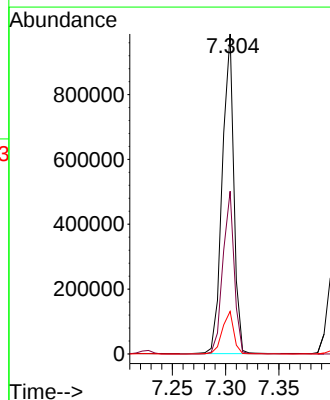
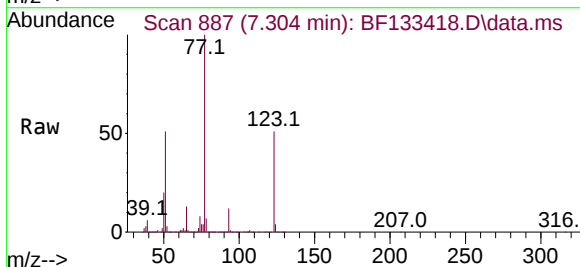
Tgt Ion: 77 Resp: 739095

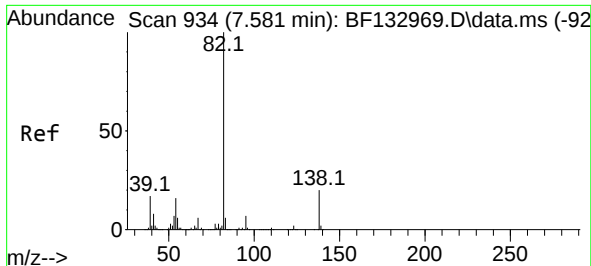
Ion Ratio Lower Upper

77 100

123 50.8 39.9 59.9

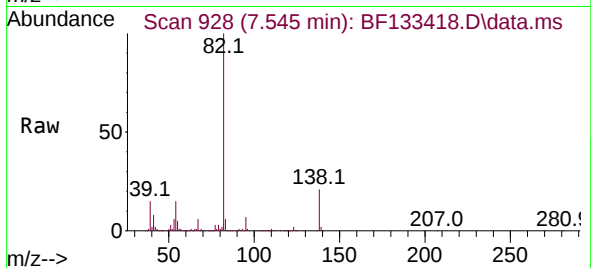
65 13.3 10.7 16.1





#25
Isophorone
Concen: 44.995 ng
RT: 7.545 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

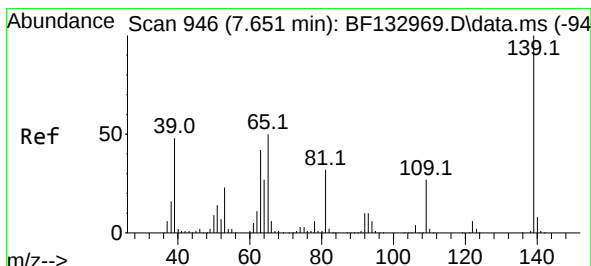
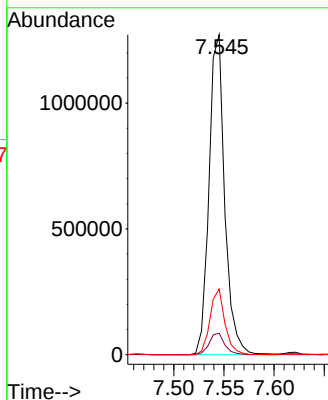
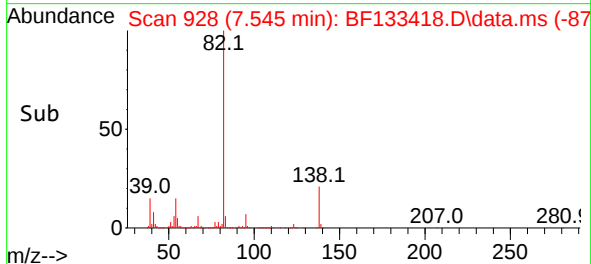
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



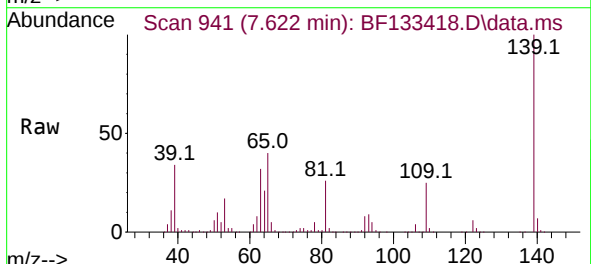
Tgt Ion: 82 Resp: 138804
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 20.6 16.0 24.0

Manual Integrations
APPROVED

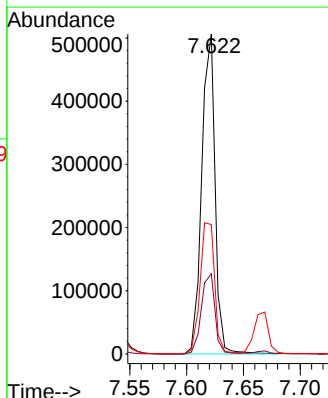
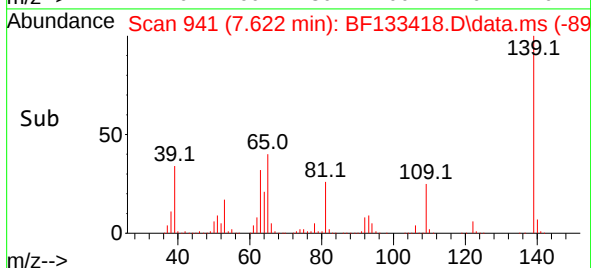
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

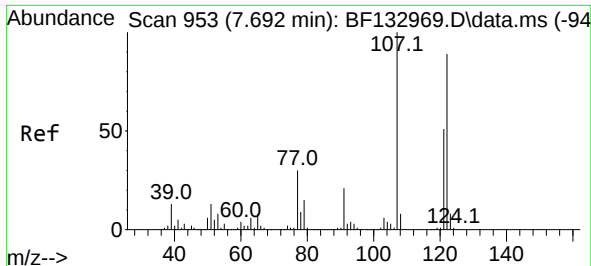


#26
2-Nitrophenol
Concen: 52.125 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45



Tgt Ion:139 Resp: 413928
Ion Ratio Lower Upper
139 100
109 25.0 21.6 32.4
65 40.5 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 48.821 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

Instrument :

BNA_F

ClientSampleId :

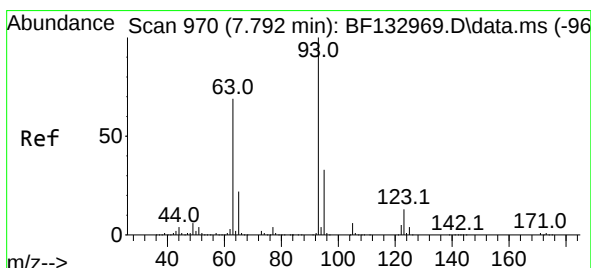
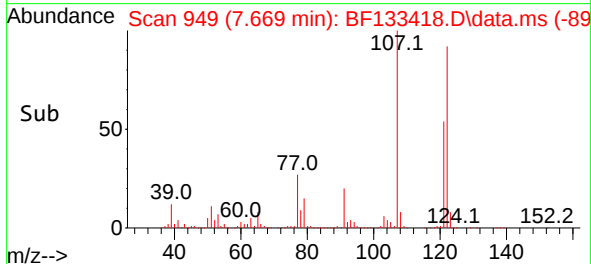
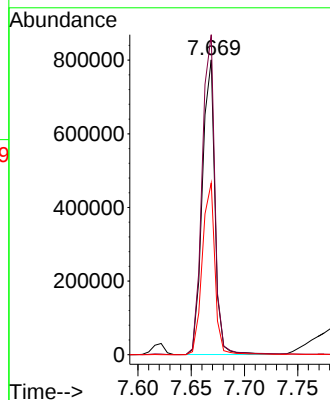
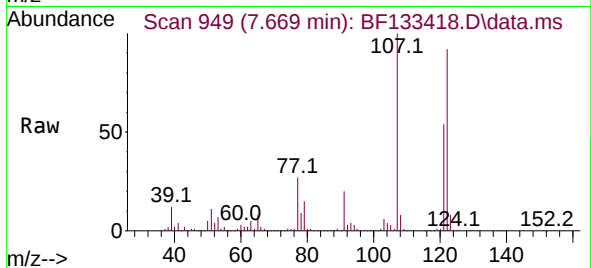
WG-0516-B4-10-13MS

Tgt Ion:122 Resp: 66478
 Ion Ratio Lower Upper
 122 100
 107 108.5 89.7 134.5
 121 58.2 46.0 69.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023
 Supervised By :Jagrut Upadhyay 05/18/2023



#28

bis(2-Chloroethoxy)methane

Concen: 46.499 ng

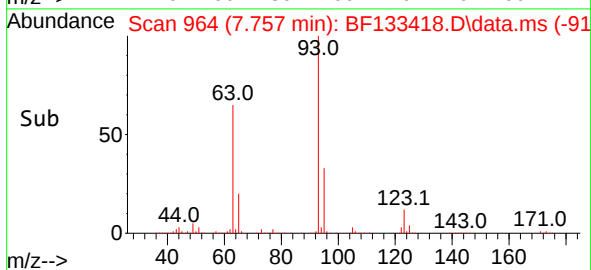
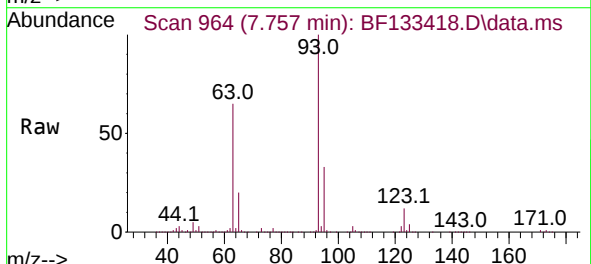
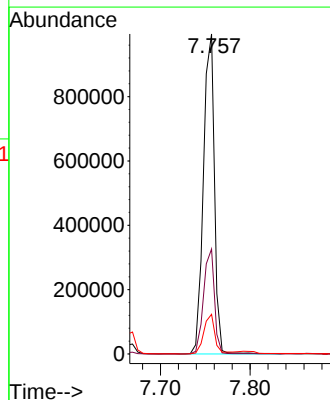
RT: 7.757 min Scan# 964

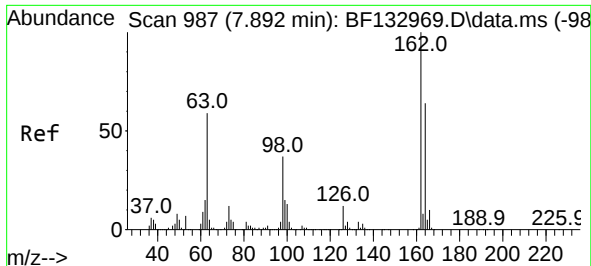
Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

Tgt Ion: 93 Resp: 848598
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.4 39.6
 123 12.4 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 48.898 ng

RT: 7.869 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MS

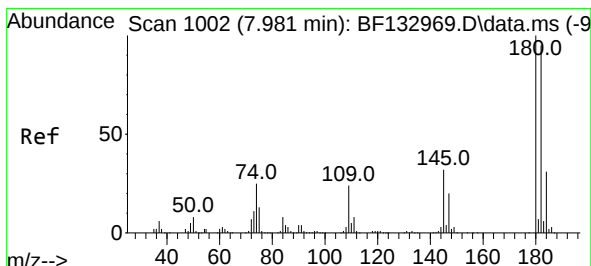
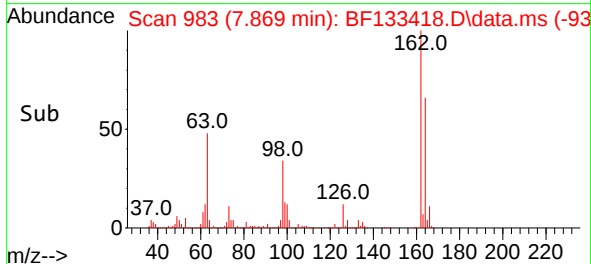
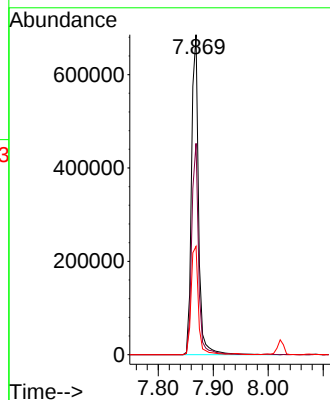
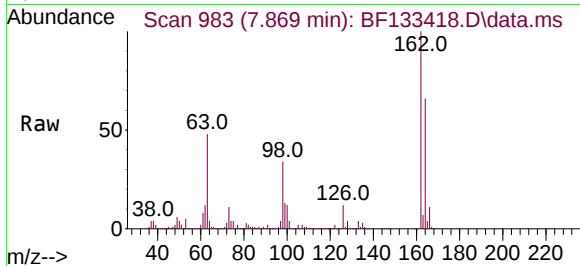
Tgt Ion:162 Resp: 606139
 Ion Ratio Lower Upper
 162 100
 164 66.0 43.9 83.9
 98 33.8 17.0 57.0

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/18/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.162 ng

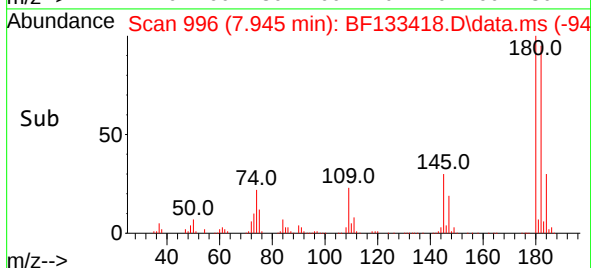
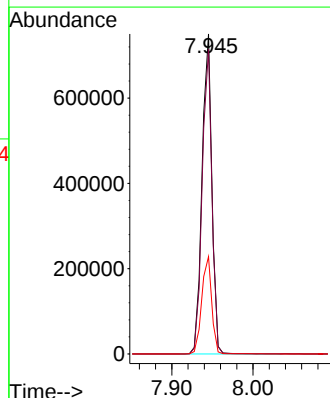
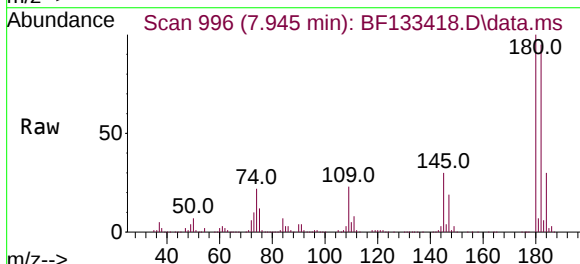
RT: 7.945 min Scan# 996

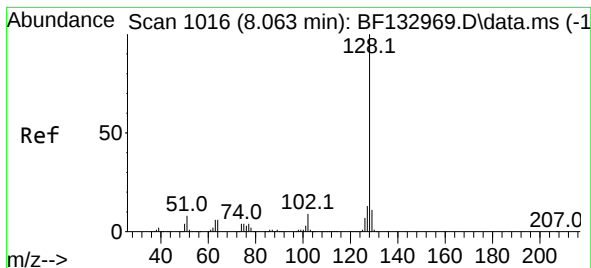
Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

Tgt Ion:180 Resp: 631348
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.9 113.9
 145 30.4 25.3 37.9





#31

Naphthalene

Concen: 46.204 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MS

Tgt Ion:128 Resp: 2025910

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

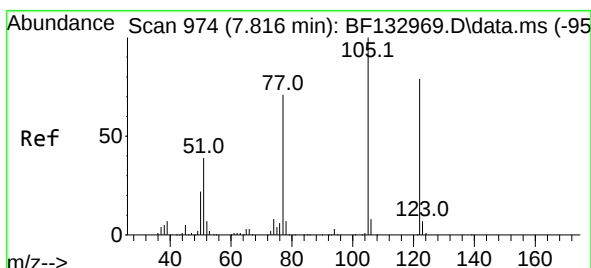
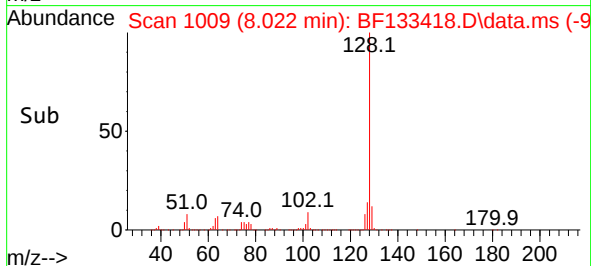
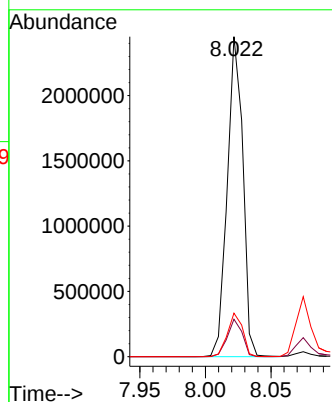
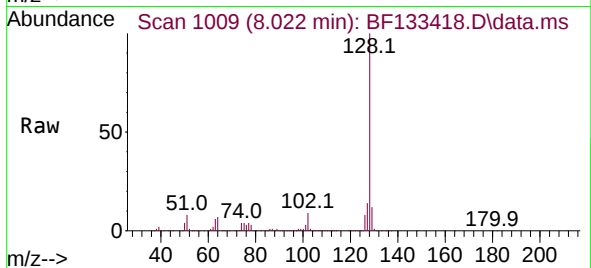
127 13.6 10.7 16.1

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#32

Benzoic acid

Concen: 34.868 ng m

RT: 7.798 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

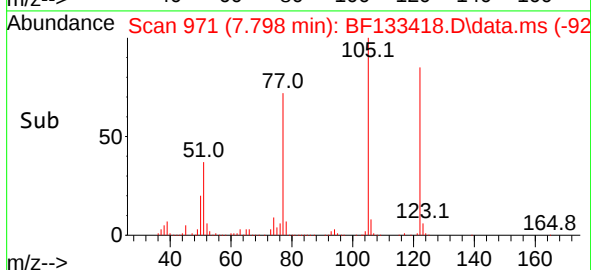
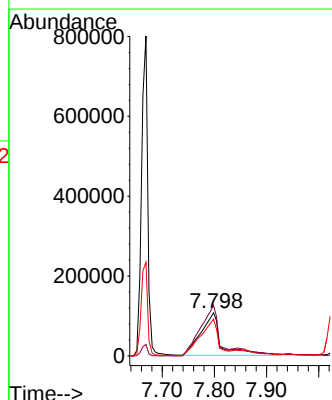
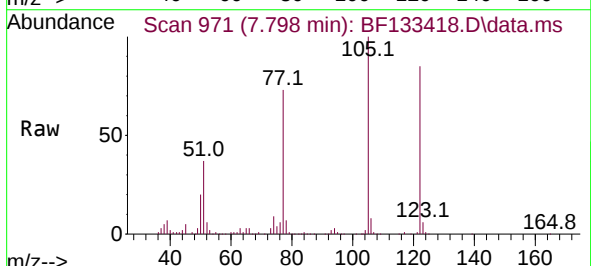
Tgt Ion:122 Resp: 293271

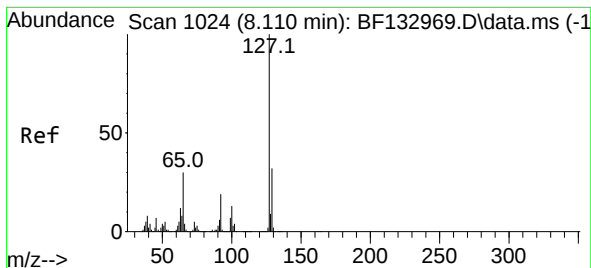
Ion Ratio Lower Upper

122 100

105 117.8 104.2 144.2

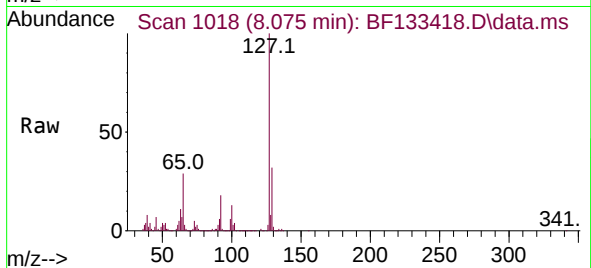
77 85.5 69.7 109.7





#33
4-Chloroaniline
Concen: 24.117 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

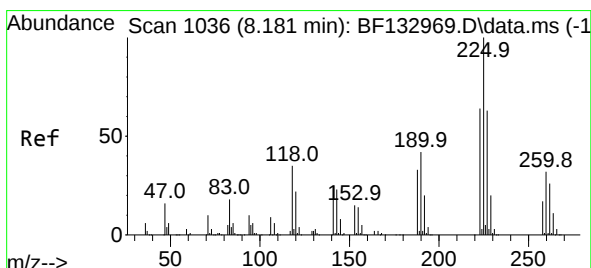
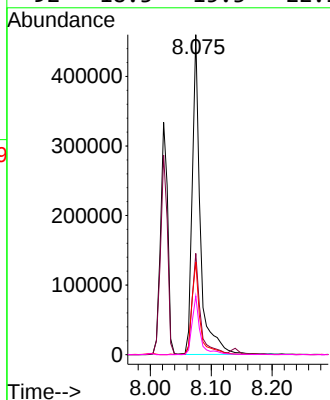
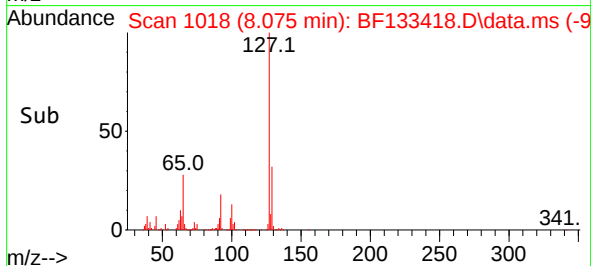
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



Tgt Ion:127 Resp: 427260
Ion Ratio Lower Upper
127 100
129 31.6 25.8 38.8
65 28.9 23.6 35.4
92 18.3 15.3 22.9

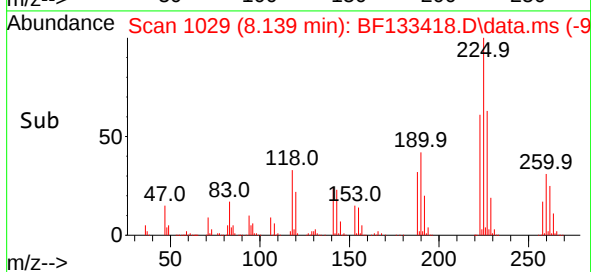
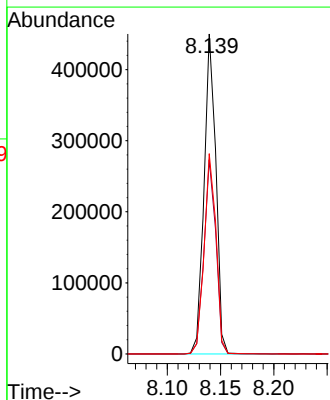
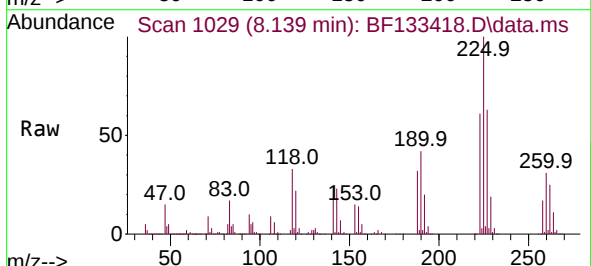
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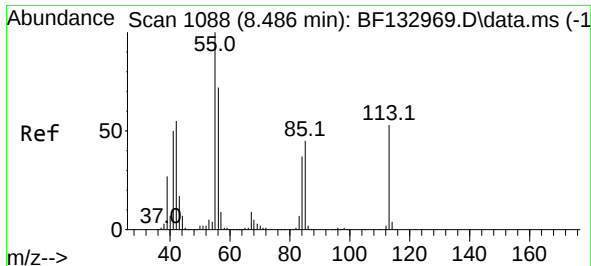
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#34
Hexachlorobutadiene
Concen: 48.875 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

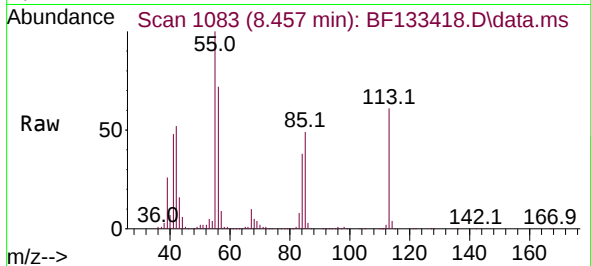
Tgt Ion:225 Resp: 347876
Ion Ratio Lower Upper
225 100
223 60.7 50.9 76.3
227 62.6 50.3 75.5





#35
 Caprolactam
 Concen: 52.195 ng m
 RT: 8.457 min Scan# 1083
 Delta R.T. -0.006 min
 Lab File: BF133418.D
 Acq: 17 May 2023 17:45

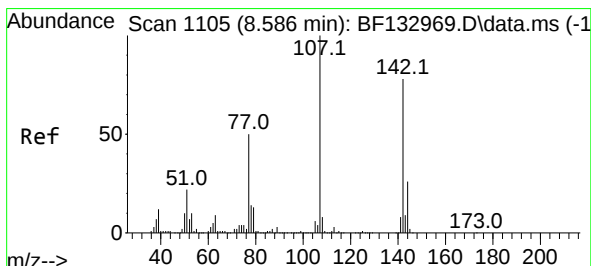
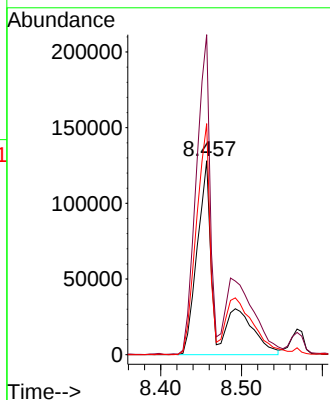
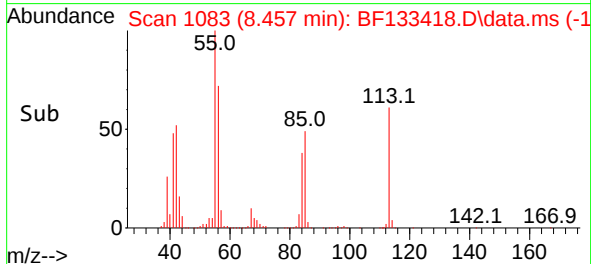
Instrument :
 BNA_F
 ClientSampleId :
 WG-0516-B4-10-13MS



Tgt Ion:113 Resp: 21735
 Ion Ratio Lower Upper
 113 100
 55 165.0 167.1 207.1
 56 119.2 114.5 154.5

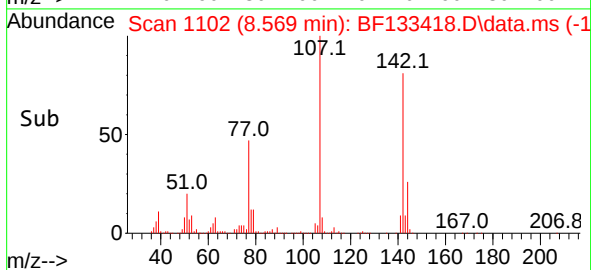
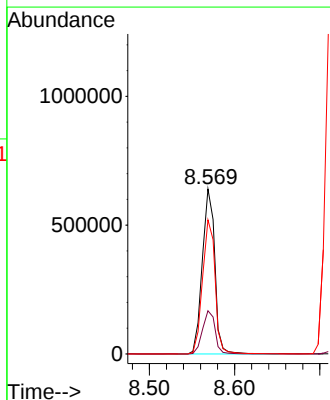
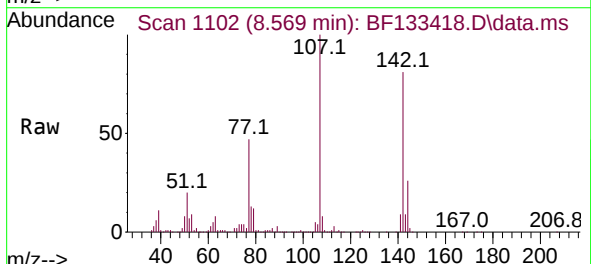
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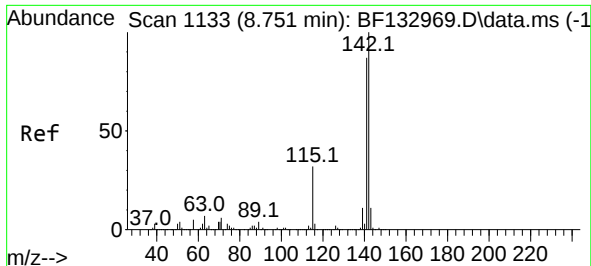
Reviewed By :Christian Giraldo 05/18/2023
 Supervised By :Jagrut Upadhyay 05/18/2023



#36
 4-Chloro-3-methylphenol
 Concen: 48.750 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: BF133418.D
 Acq: 17 May 2023 17:45

Tgt Ion:107 Resp: 651670
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.6 30.8
 142 81.3 62.8 94.2





#37

2-Methylnaphthalene

Concen: 44.635 ng

RT: 8.716 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MS

Tgt Ion:142 Resp: 133802

Ion Ratio Lower Upper

142 100

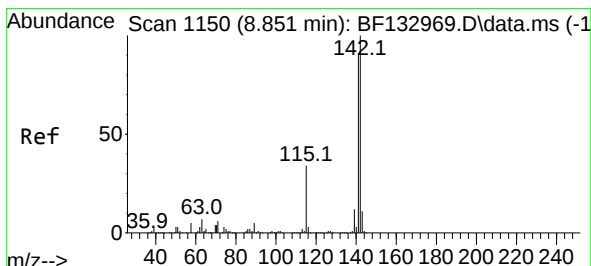
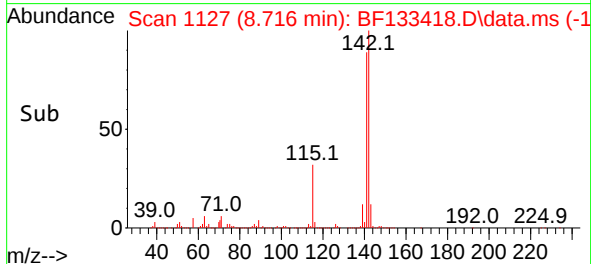
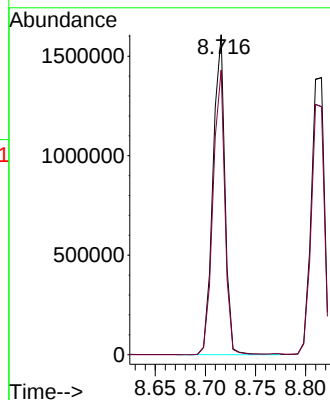
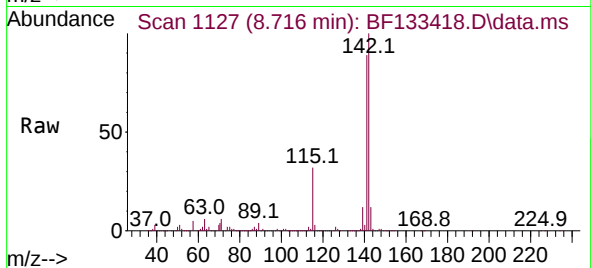
141 89.0 69.4 104.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#38

1-Methylnaphthalene

Concen: 45.085 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF133418.D

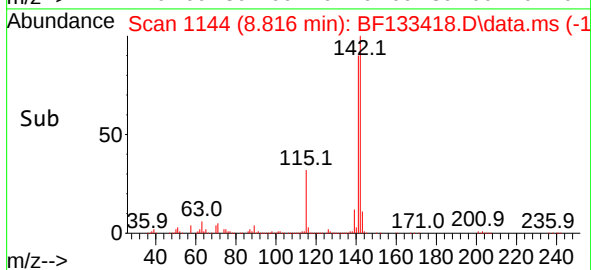
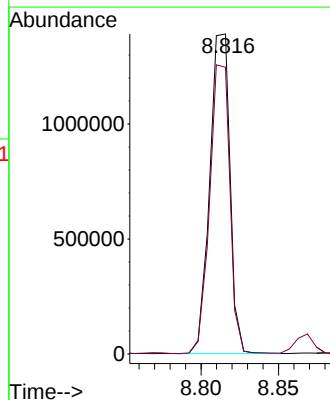
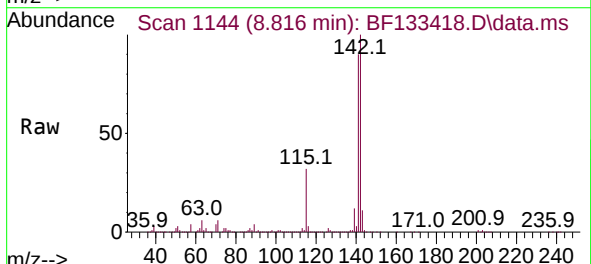
Acq: 17 May 2023 17:45

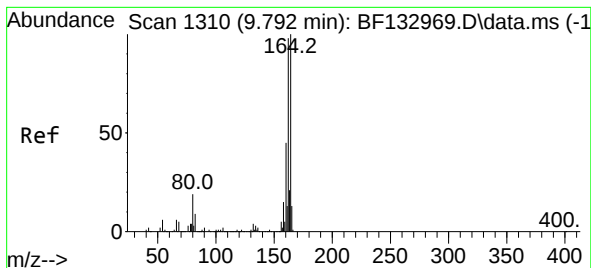
Tgt Ion:142 Resp: 1264324

Ion Ratio Lower Upper

142 100

141 89.6 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1156

Delta R.T. -0.012 min

Lab File: BF133418.D

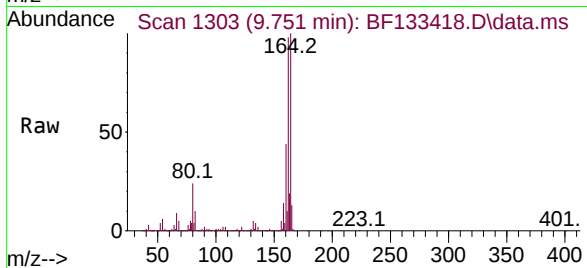
Acq: 17 May 2023 17:45

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MS



Tgt Ion:164 Resp: 45268

Ion Ratio Lower Upper

164 100

162 98.3 78.7 118.1

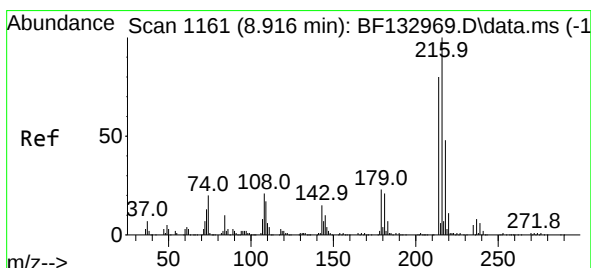
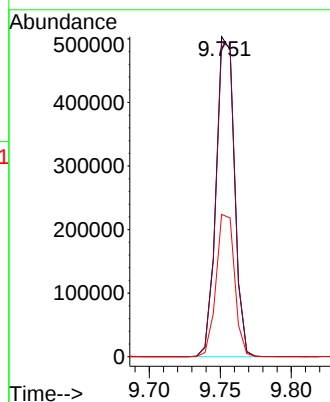
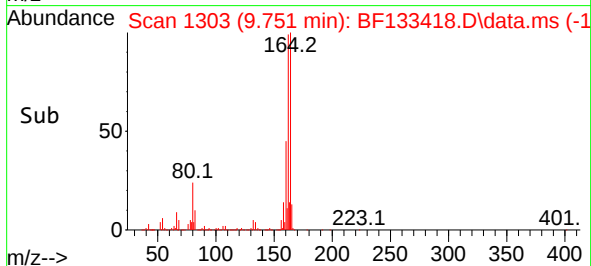
160 44.4 35.8 53.6

Manual Integrations

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Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.171 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

Tgt Ion:216 Resp: 574136

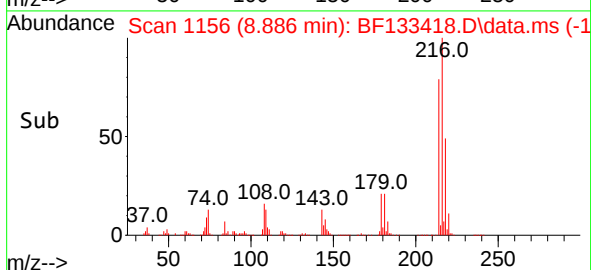
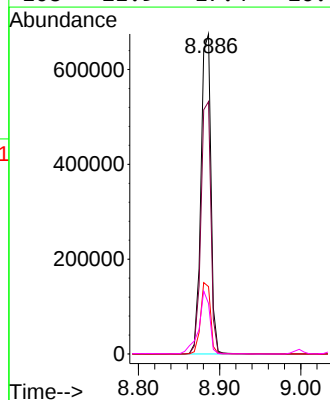
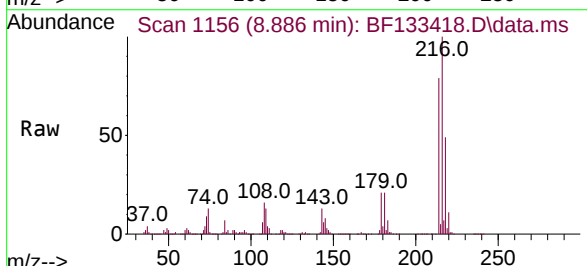
Ion Ratio Lower Upper

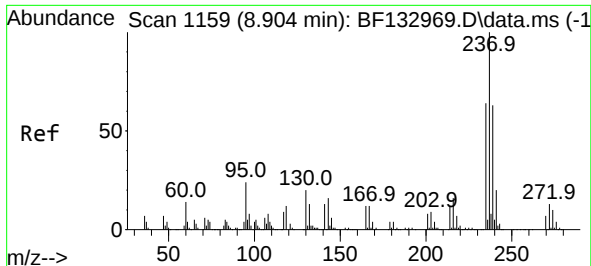
216 100

214 79.4 63.5 95.3

179 22.2 17.4 26.2

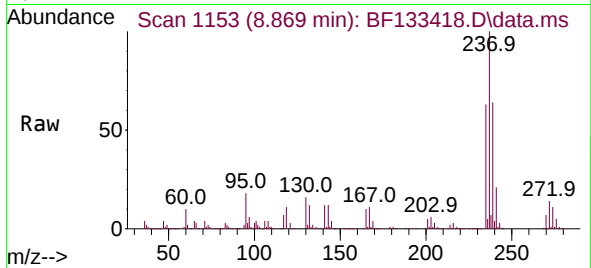
108 21.9 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 84.838 ng
RT: 8.869 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

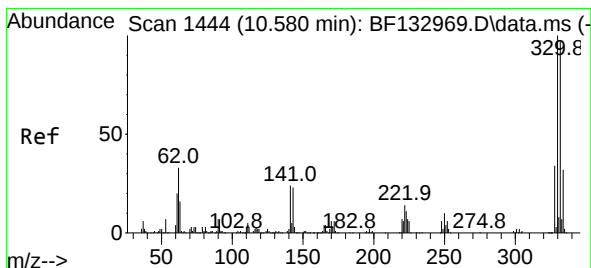
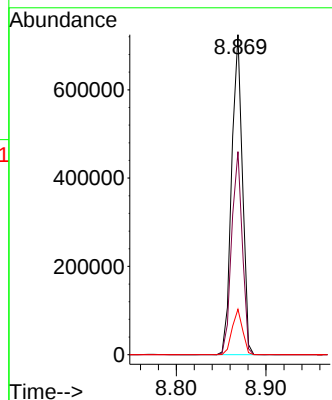
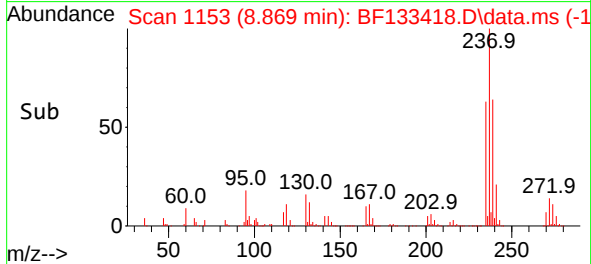
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



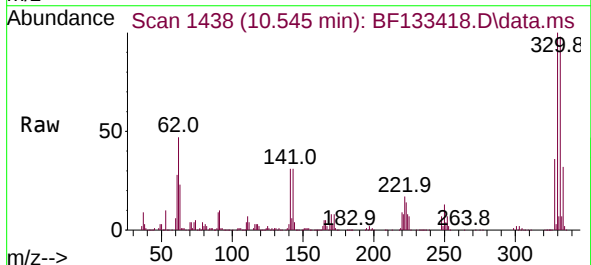
Tgt Ion:237 Resp: 60222
Ion Ratio Lower Upper
237 100
235 63.5 43.5 83.5
272 14.2 0.0 32.7

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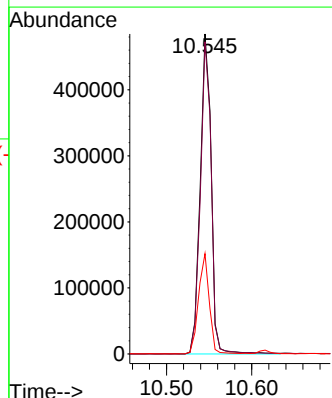
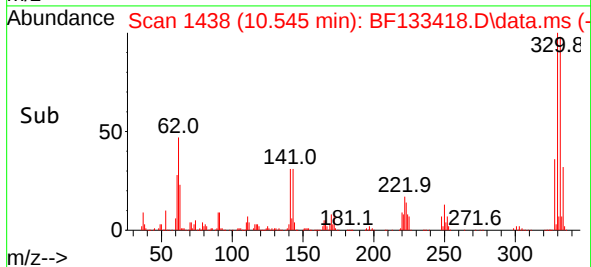
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

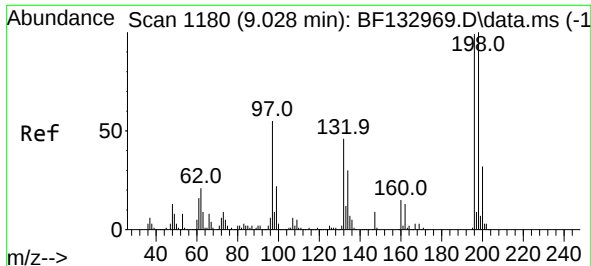


#42
2,4,6-Tribromophenol
Concen: 95.297 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45



Tgt Ion:330 Resp: 433851
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 30.6 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 47.625 ng

RT: 8.998 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MS

Tgt Ion:196 Resp: 400880

Ion Ratio Lower Upper

196 100

198 98.3 81.0 121.6

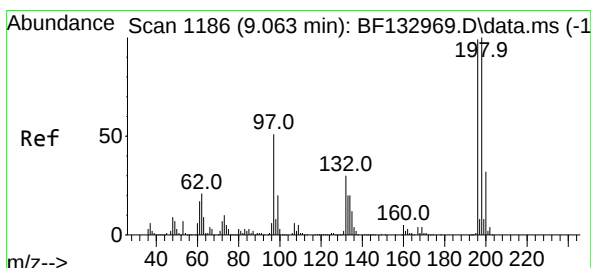
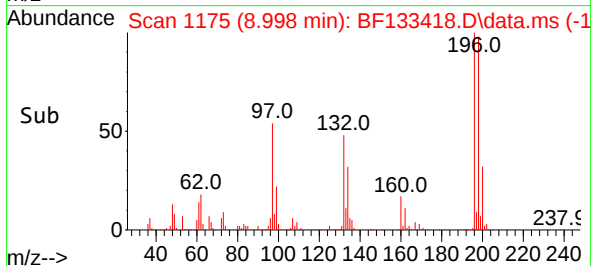
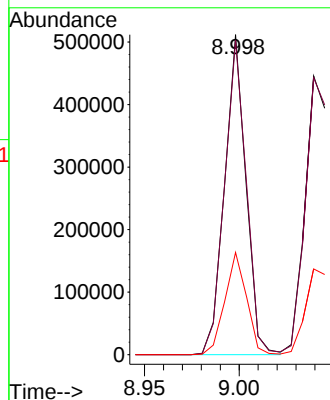
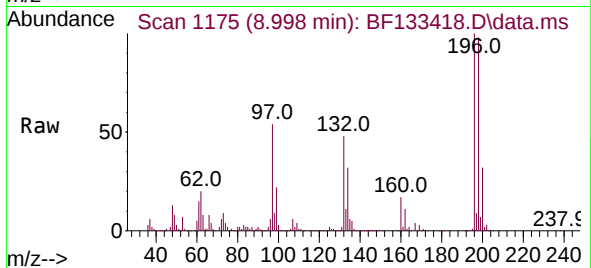
200 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#44

2,4,5-Trichlorophenol

Concen: 45.493 ng

RT: 9.039 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

Tgt Ion:196 Resp: 442876

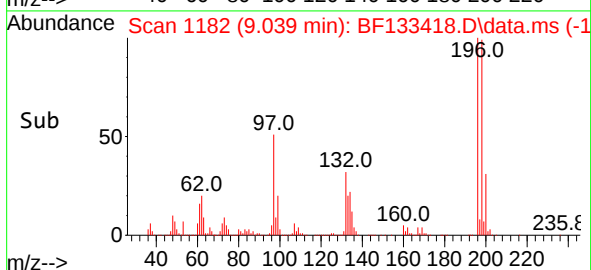
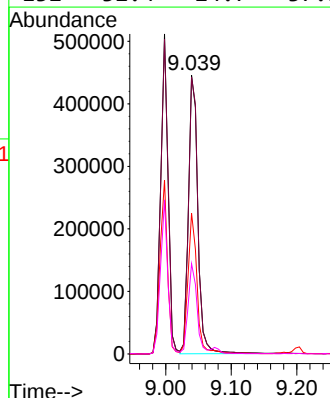
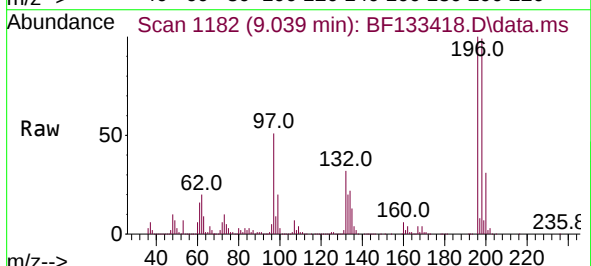
Ion Ratio Lower Upper

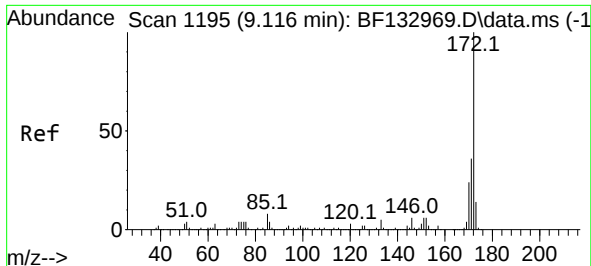
196 100

198 99.3 80.9 121.3

97 50.5 41.3 61.9

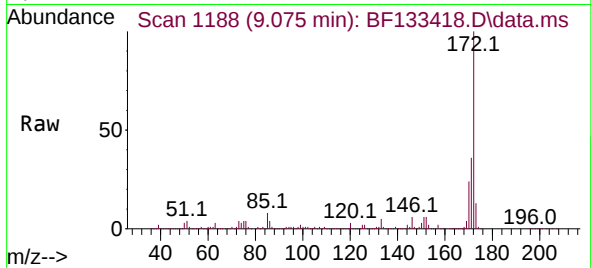
132 32.4 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 64.818 ng
RT: 9.075 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

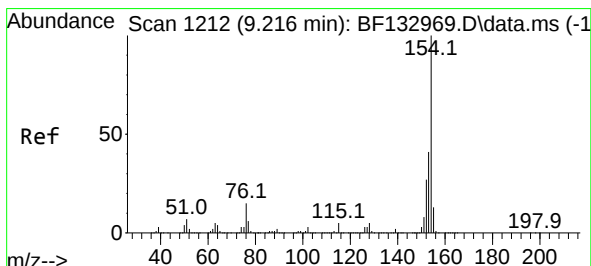
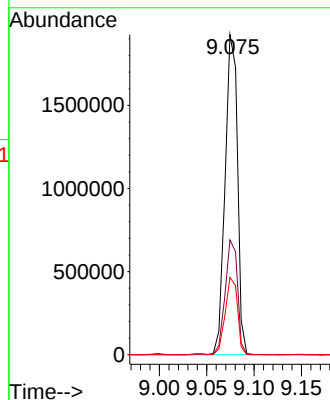
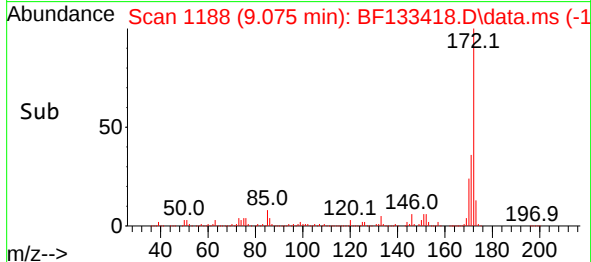
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



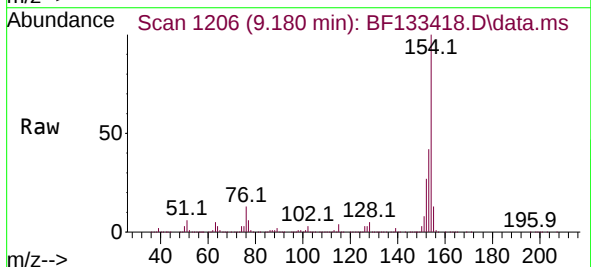
Tgt Ion:172 Resp: 175388
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.2 19.4 29.2

Manual Integrations
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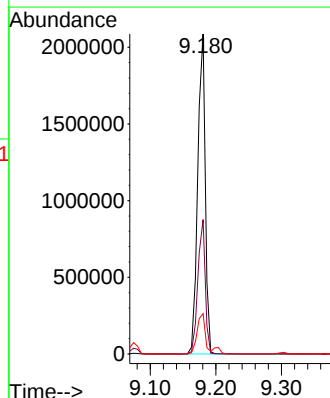
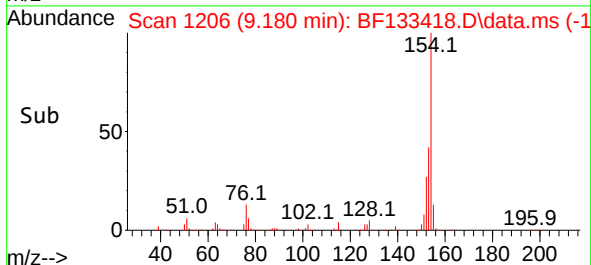
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

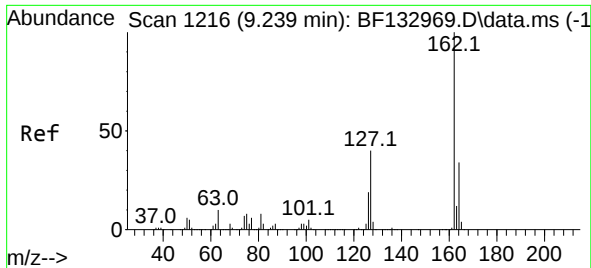


#46
1,1'-Biphenyl
Concen: 46.580 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45



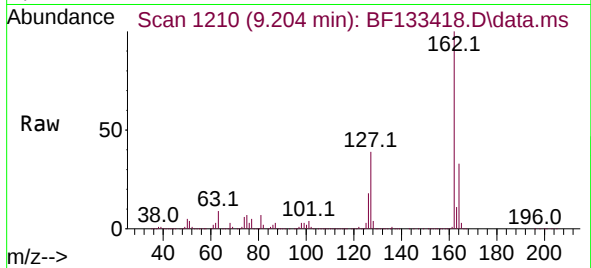
Tgt Ion:154 Resp: 1672048
Ion Ratio Lower Upper
154 100
153 42.0 21.0 61.0
76 12.6 0.0 34.5





#47
2-Chloronaphthalene
Concen: 48.391 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

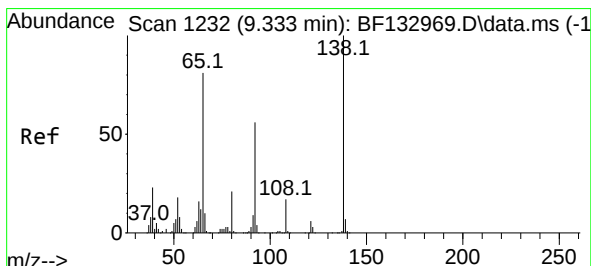
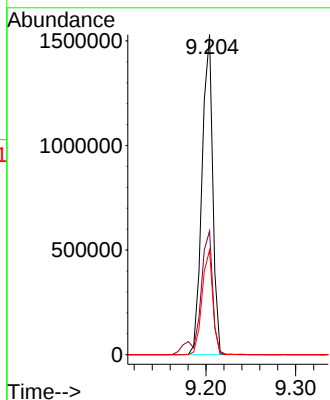
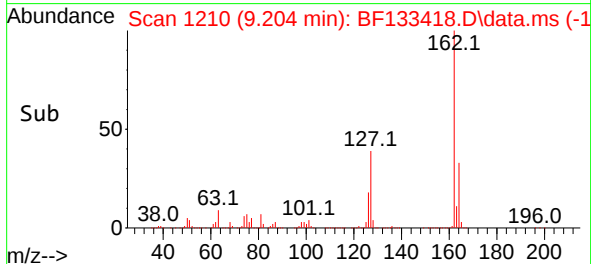
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



Tgt Ion:162 Resp: 127140
Ion Ratio Lower Upper
162 100
127 38.6 32.3 48.5
164 32.6 26.8 40.2

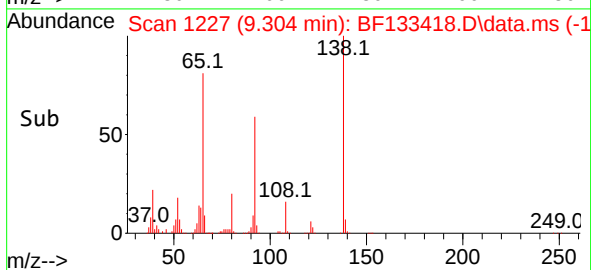
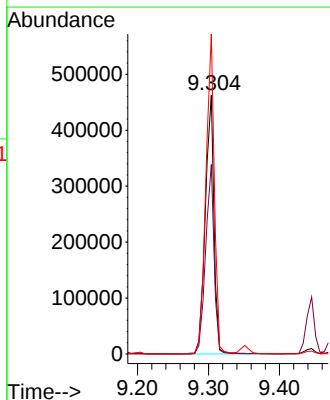
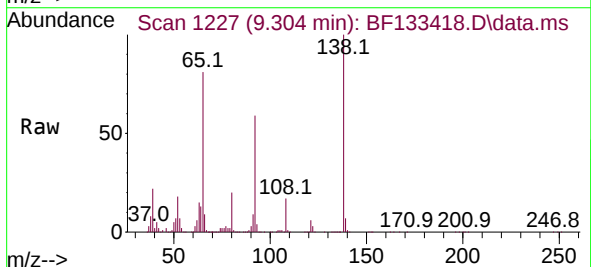
Manual Integrations
APPROVED

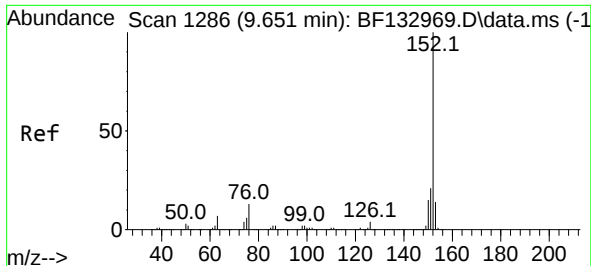
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#48
2-Nitroaniline
Concen: 45.476 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

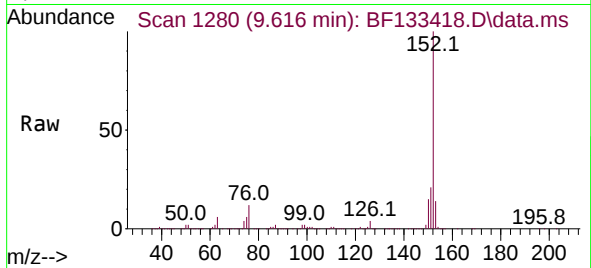
Tgt Ion: 65 Resp: 394877
Ion Ratio Lower Upper
65 100
92 73.2 55.4 83.0
138 123.7 98.2 147.2





#49
Acenaphthylene
Concen: 46.426 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

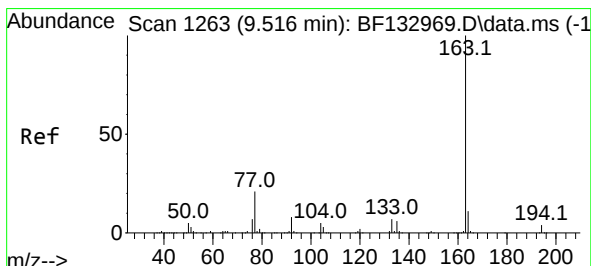
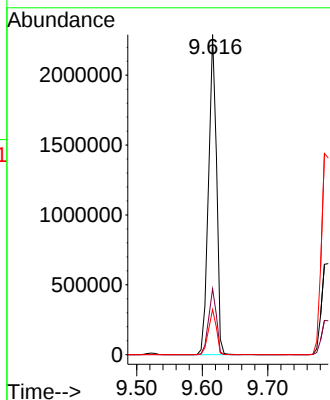
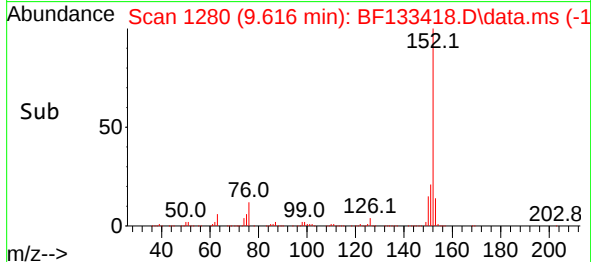
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



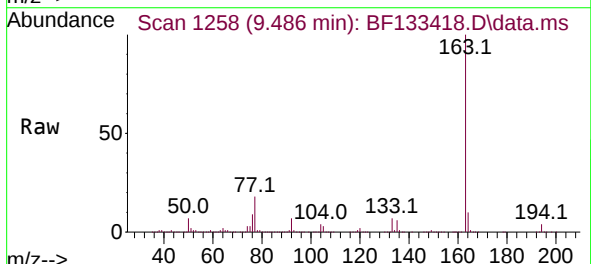
Tgt Ion:152 Resp: 1949020
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 14.1 11.5 17.3

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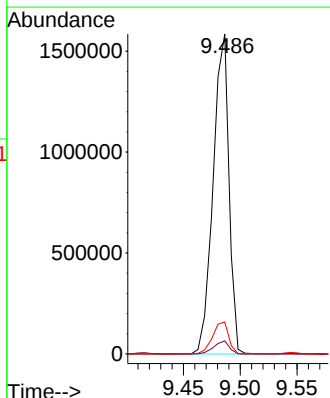
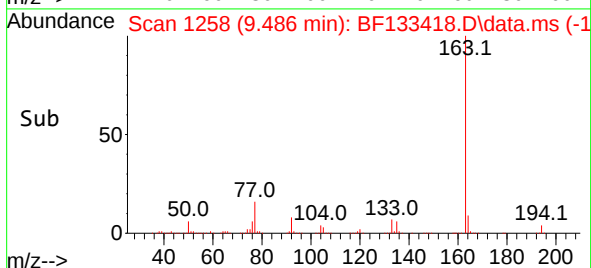
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

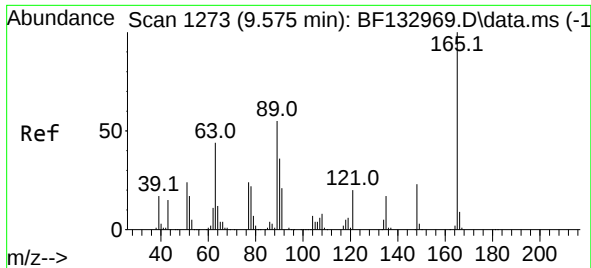


#50
Dimethylphthalate
Concen: 48.693 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45



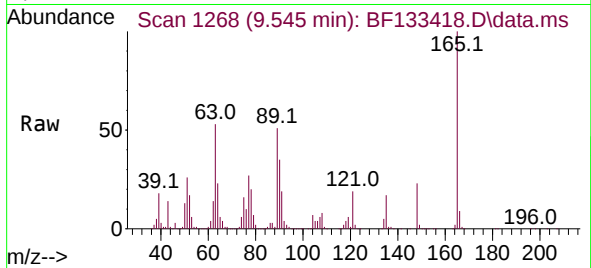
Tgt Ion:163 Resp: 1537001
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 49.099 ng
RT: 9.545 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

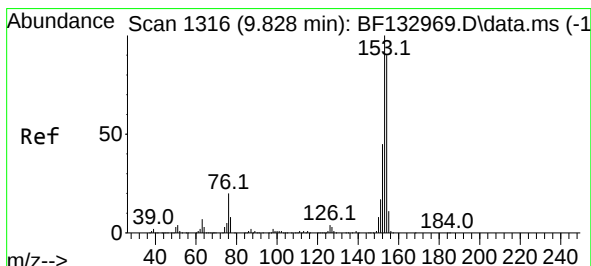
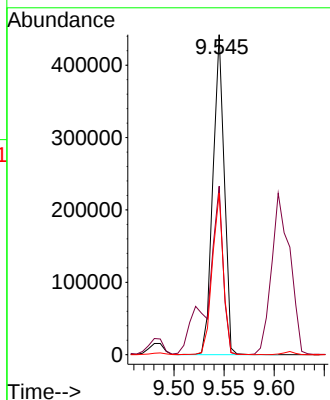
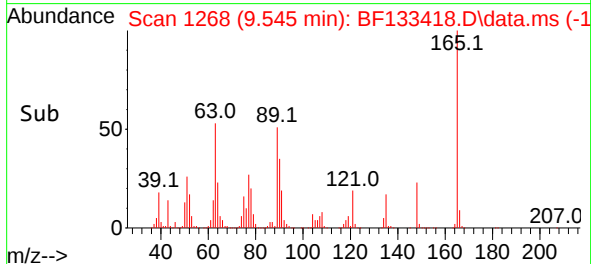
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



Tgt Ion:165 Resp: 348820
Ion Ratio Lower Upper
165 100
63 52.6 45.9 68.9
89 50.5 44.0 66.0

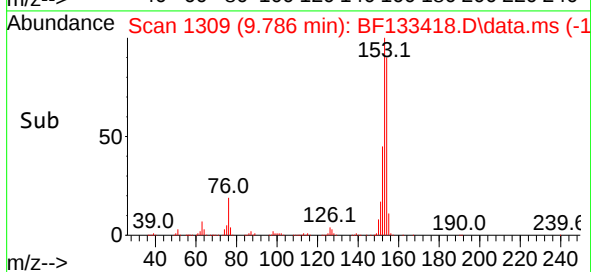
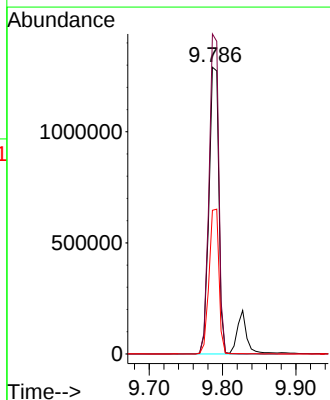
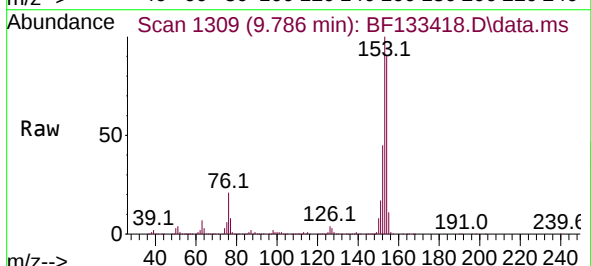
Manual Integrations
APPROVED

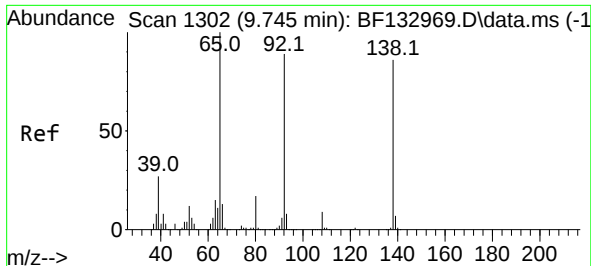
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#52
Acenaphthene
Concen: 49.423 ng m
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

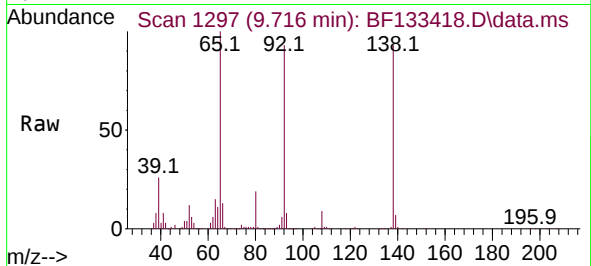
Tgt Ion:154 Resp: 1389612
Ion Ratio Lower Upper
154 100
153 111.6 89.0 133.6
152 50.1 40.4 60.6





#53
3-Nitroaniline
Concen: 33.740 ng
RT: 9.716 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

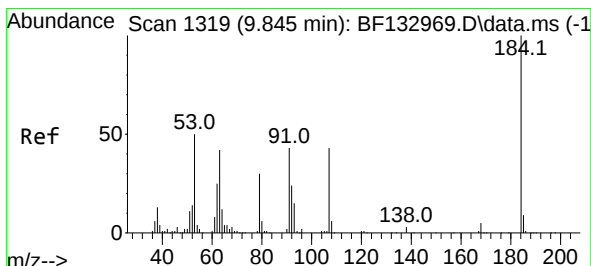
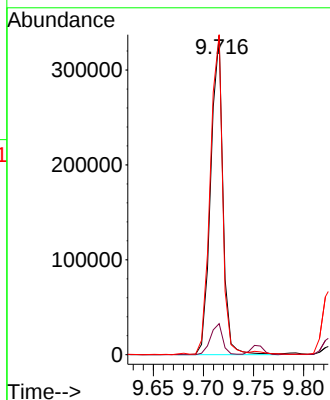
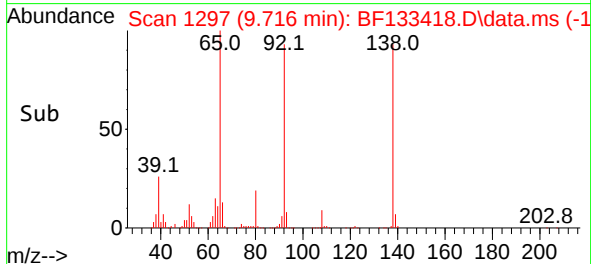
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



Tgt Ion:138 Resp: 285012
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 100.2 83.6 125.4

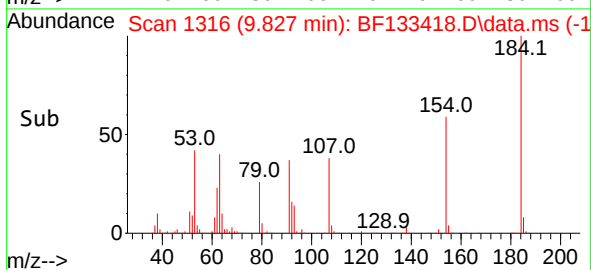
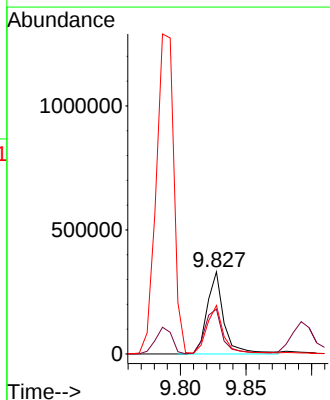
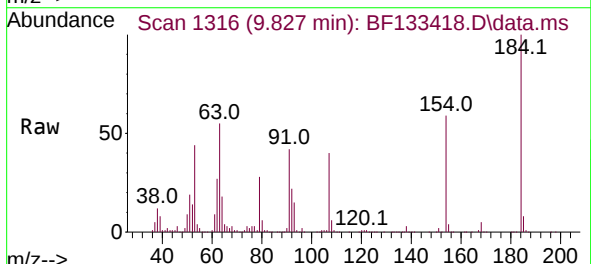
Manual Integrations
APPROVED

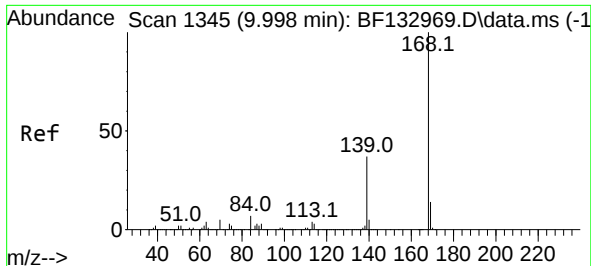
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#54
2,4-Dinitrophenol
Concen: 82.313 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

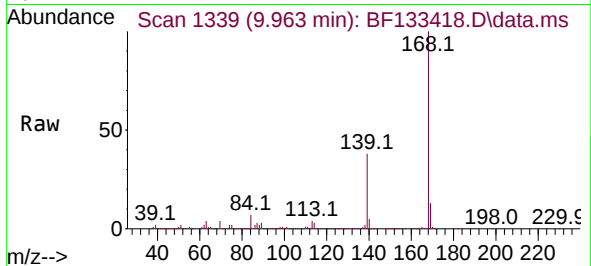
Tgt Ion:184 Resp: 293943
Ion Ratio Lower Upper
184 100
63 54.6 49.8 74.8
154 59.1 49.5 74.3





#55
Dibenzenofuran
Concen: 44.536 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

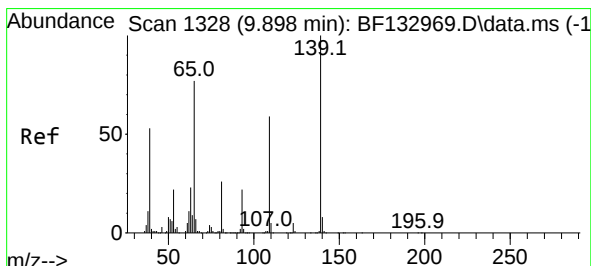
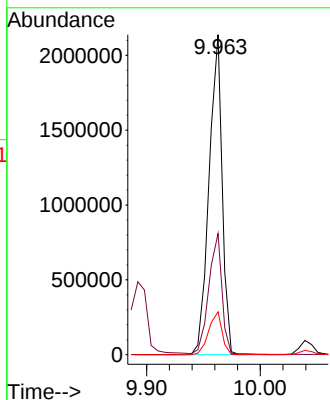
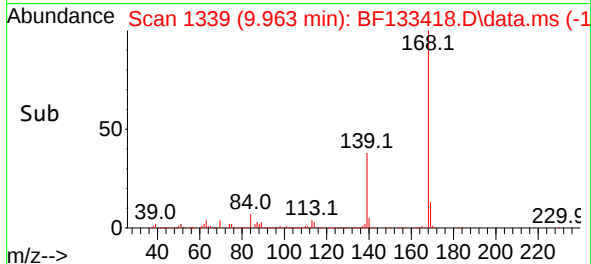
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



Tgt Ion:168 Resp: 1708138
Ion Ratio Lower Upper
168 100
139 37.8 29.8 44.8
169 13.4 10.8 16.2

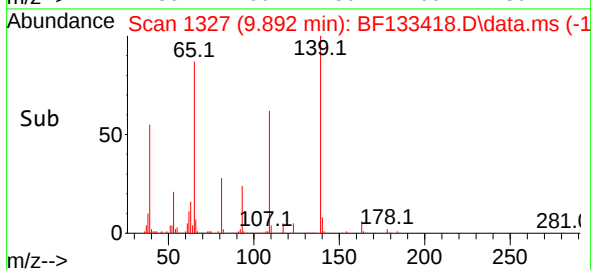
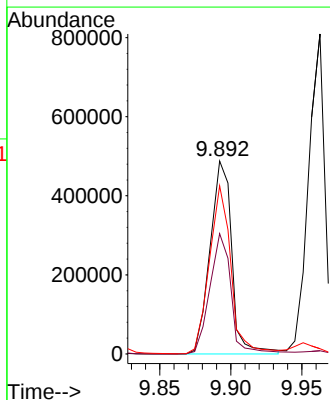
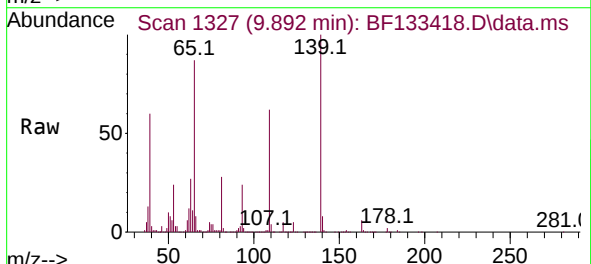
Manual Integrations
APPROVED

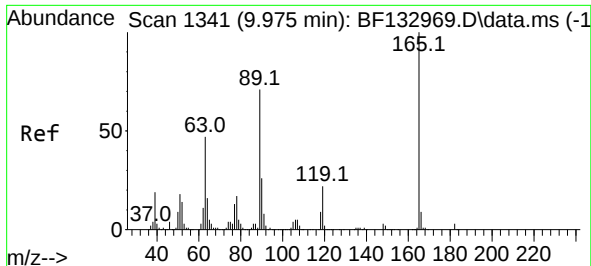
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#56
4-Nitrophenol
Concen: 79.409 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

Tgt Ion:139 Resp: 519544
Ion Ratio Lower Upper
139 100
109 62.4 39.4 79.4
65 87.2 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 49.008 ng

RT: 9.951 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MS

Tgt Ion:165 Resp: 44402

Ion Ratio Lower Upper

165 100

63 44.7 37.7 56.5

89 65.4 57.0 85.4

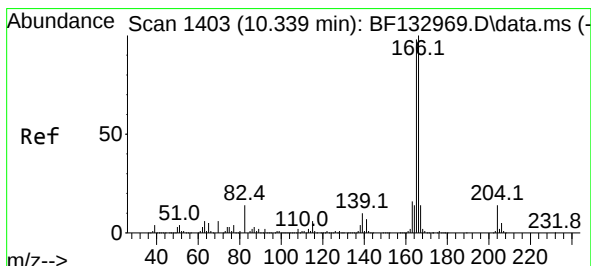
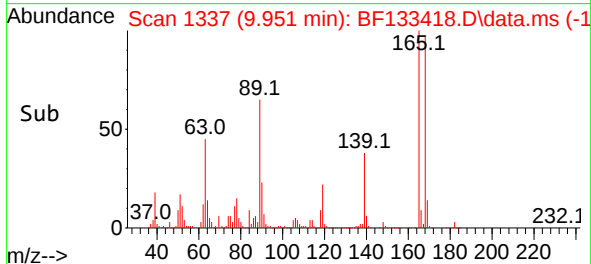
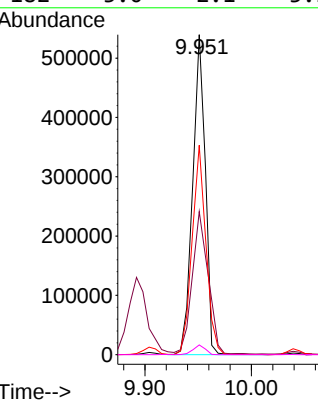
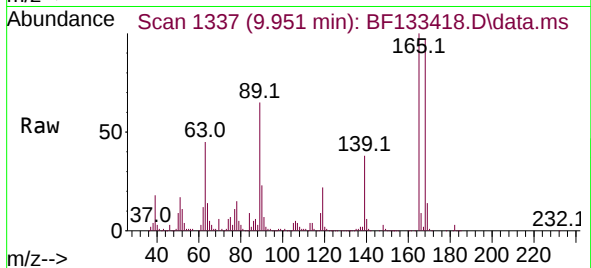
182 3.0 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#58

Fluorene

Concen: 46.056 ng

RT: 10.304 min Scan# 1397

Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

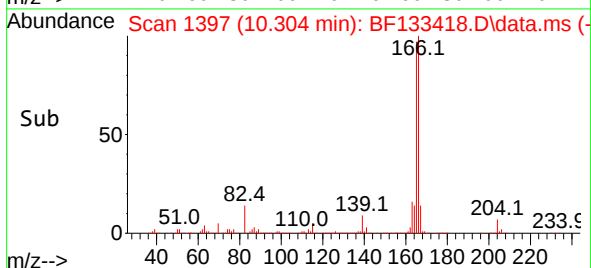
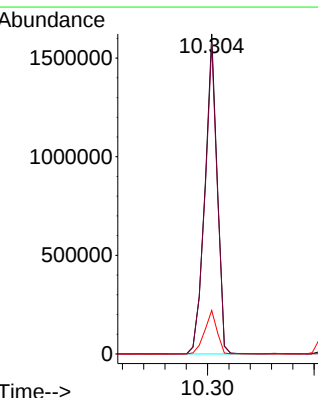
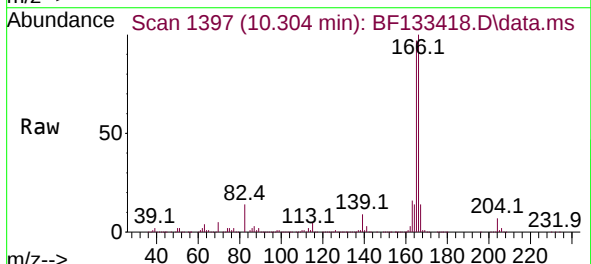
Tgt Ion:166 Resp: 1294156

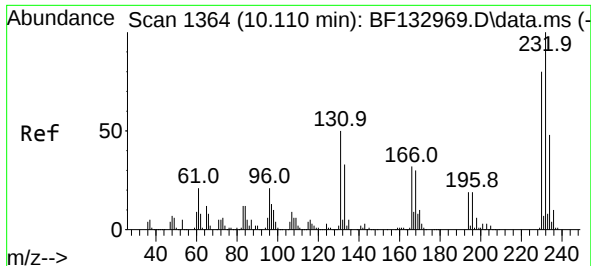
Ion Ratio Lower Upper

166 100

165 97.1 78.6 117.8

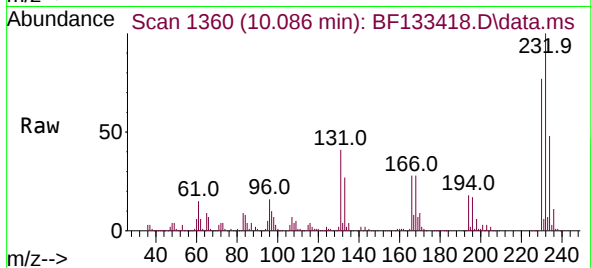
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.727 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

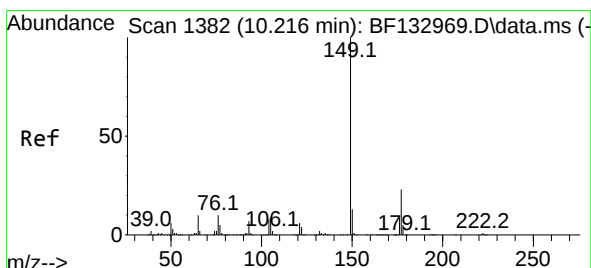
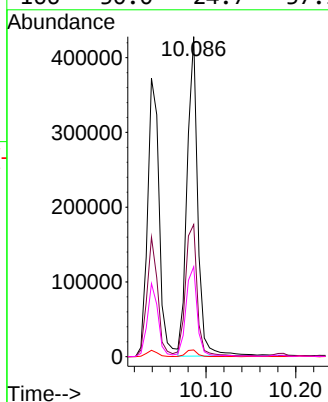
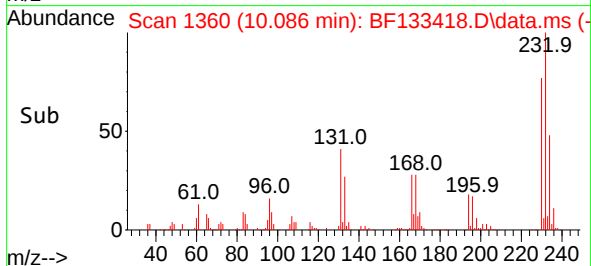
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



Tgt Ion:232 Resp: 35265
Ion Ratio Lower Upper
232 100
131 45.2 38.0 57.0
130 2.2 1.8 2.8
166 30.0 24.7 37.1

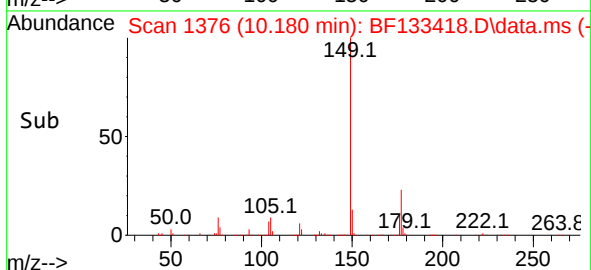
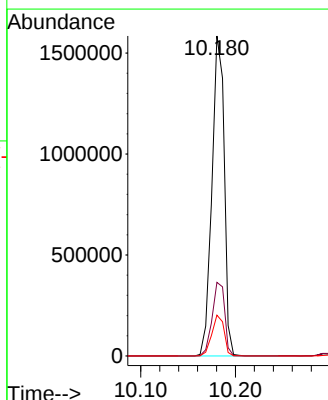
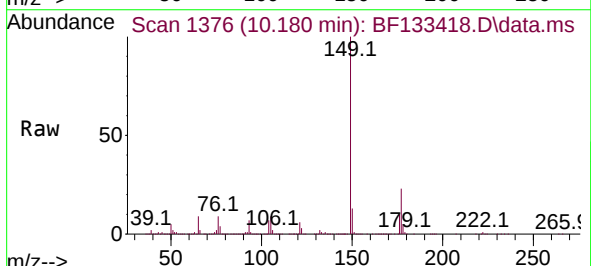
Manual Integrations
APPROVED

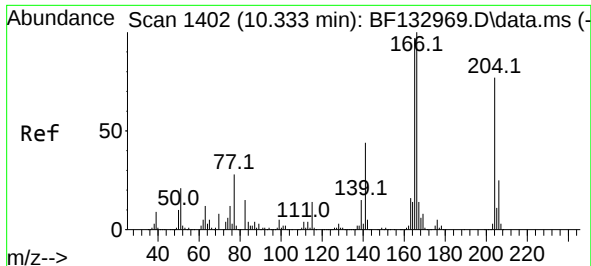
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#60
Diethylphthalate
Concen: 47.724 ng
RT: 10.180 min Scan# 1376
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

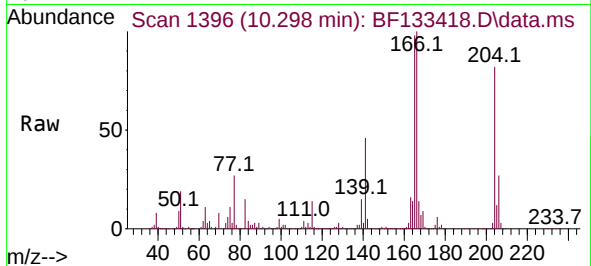
Tgt Ion:149 Resp: 1422897
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.266 ng
RT: 10.298 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

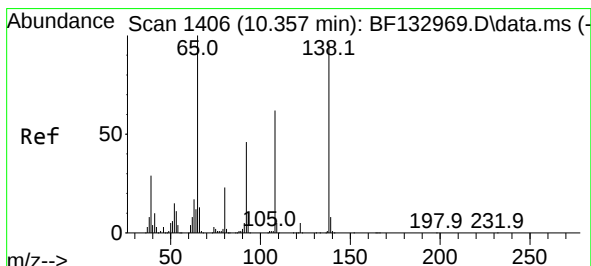
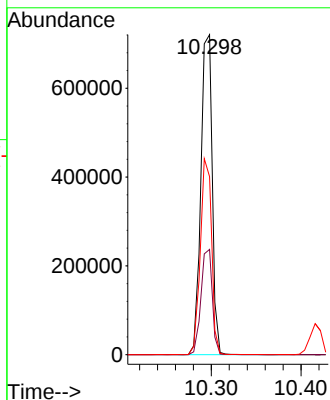
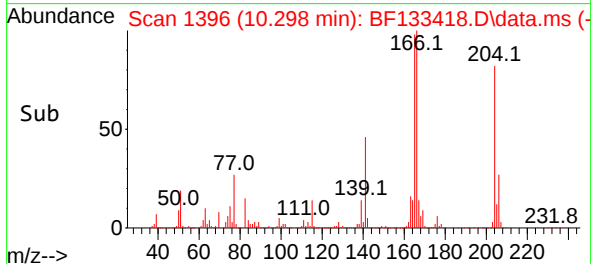
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



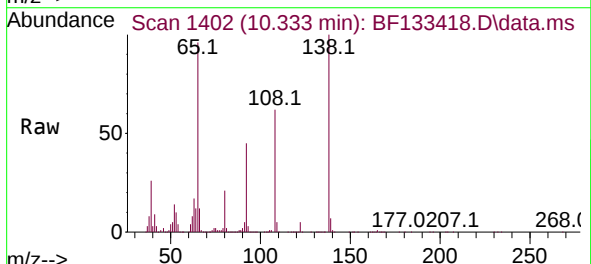
Tgt Ion:204 Resp: 633540
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 55.7 46.1 69.1

Manual Integrations
APPROVED

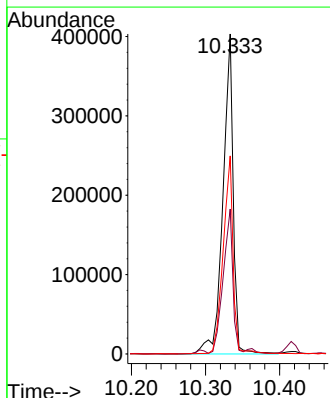
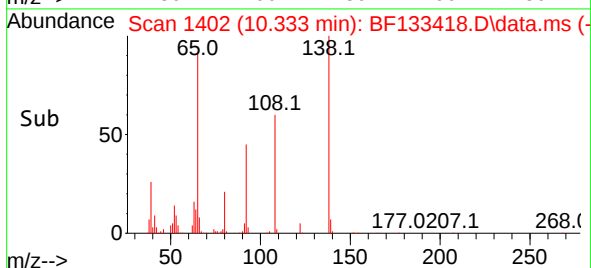
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

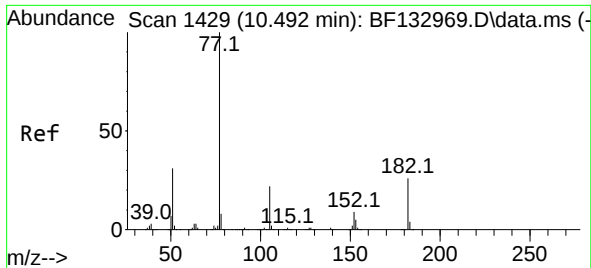


#62
4-Nitroaniline
Concen: 50.264 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45



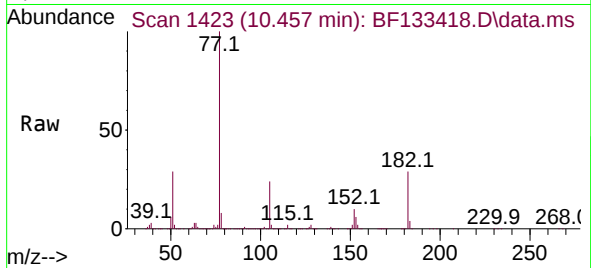
Tgt Ion:138 Resp: 390248
Ion Ratio Lower Upper
138 100
92 45.3 27.7 67.7
108 61.9 45.2 85.2





#63
Azobenzene
Concen: 43.933 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

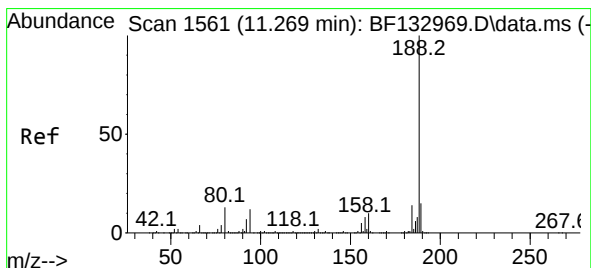
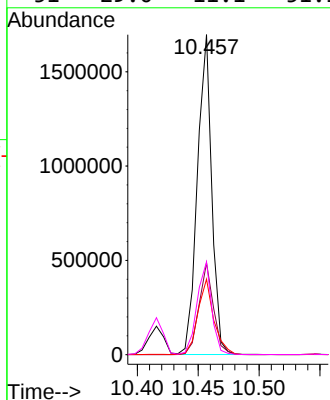
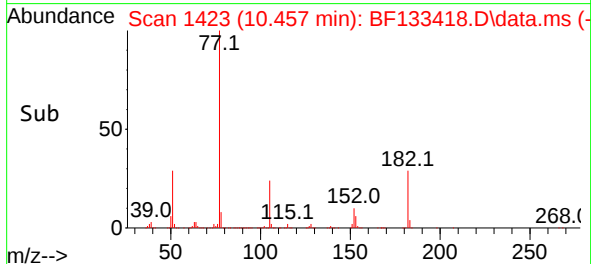
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



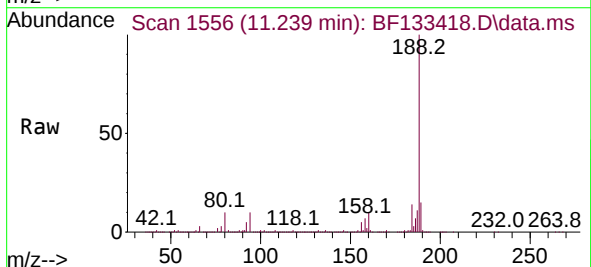
Tgt Ion: 77 Resp: 138758
Ion Ratio Lower Upper
77 100
182 28.7 5.9 45.9
105 23.6 2.3 42.3
51 29.0 11.1 51.1

Manual Integrations
APPROVED

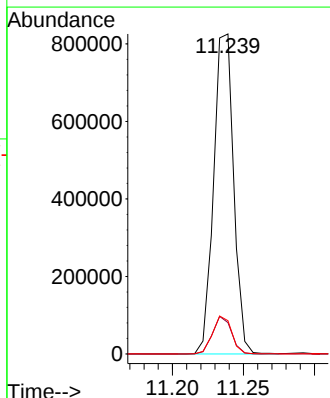
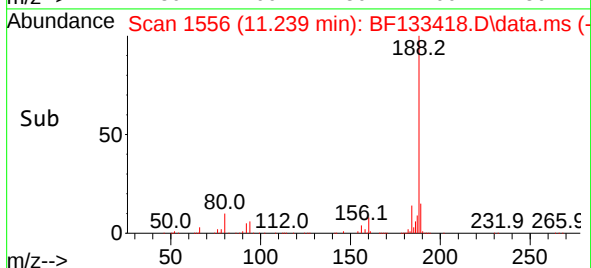
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

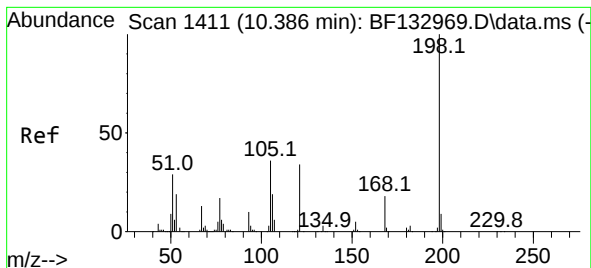


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45



Tgt Ion:188 Resp: 809890
Ion Ratio Lower Upper
188 100
94 9.8 9.7 14.5
80 10.4 10.4 15.6





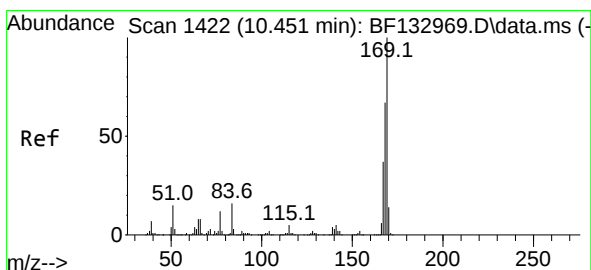
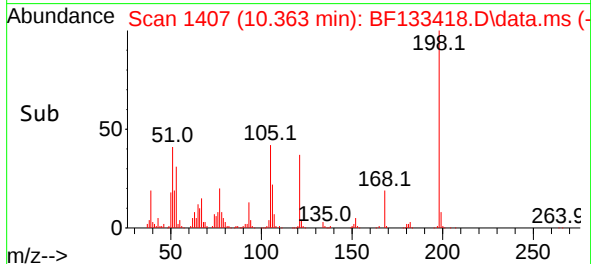
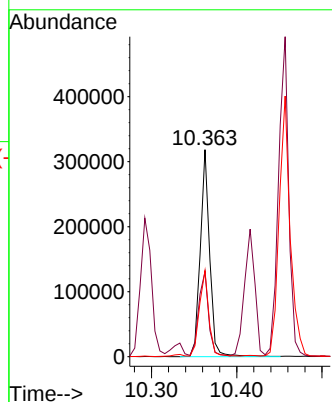
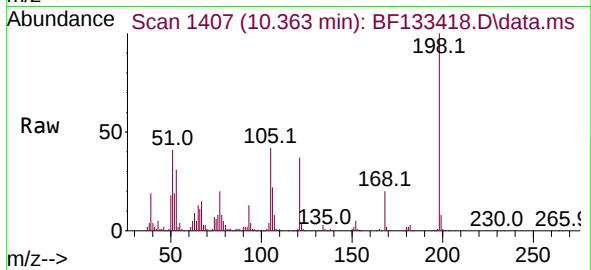
#65
4,6-Dinitro-2-methylphenol
Concen: 49.753 ng
RT: 10.363 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS

Tgt Ion:198 Resp: 244231
Ion Ratio Lower Upper
198 100
51 41.0 15.5 55.5
105 41.6 16.7 56.7

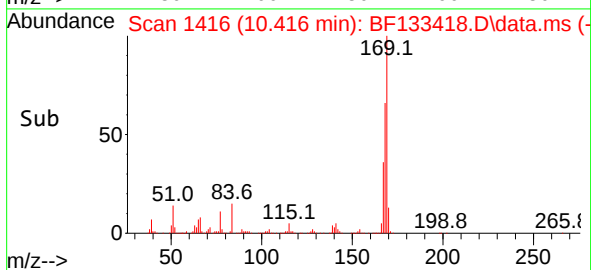
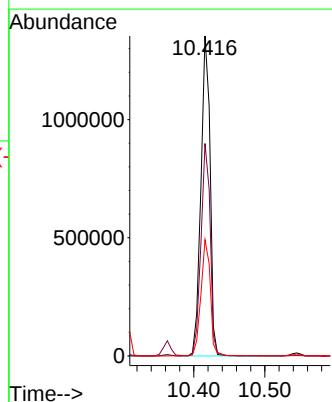
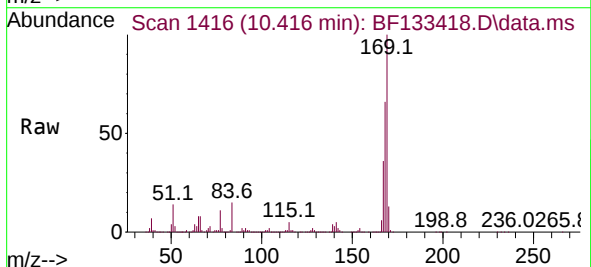
Manual Integrations
APPROVED

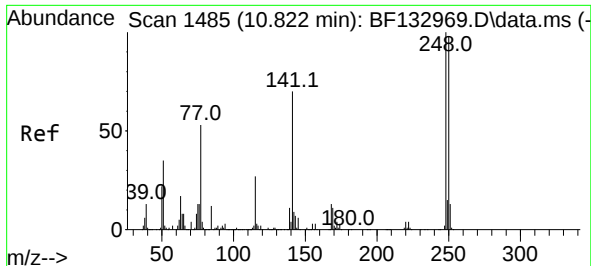
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#66
n-Nitrosodiphenylamine
Concen: 46.235 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

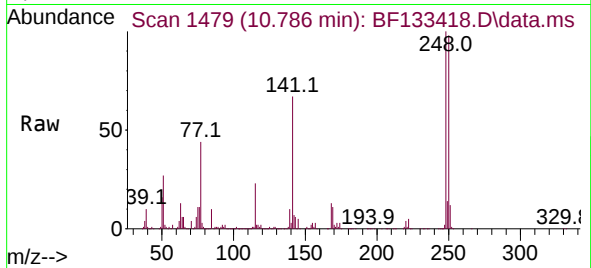
Tgt Ion:169 Resp: 1214631
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.8
167 36.3 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 46.370 ng
RT: 10.786 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

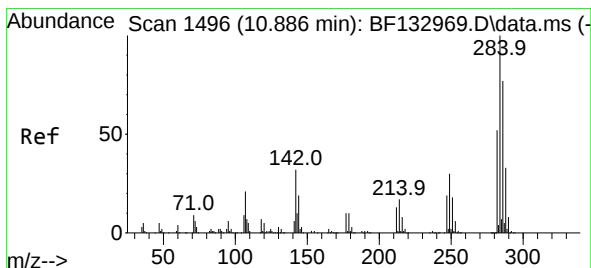
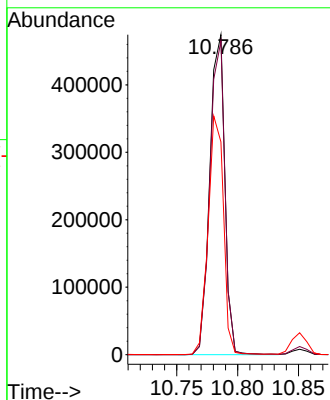
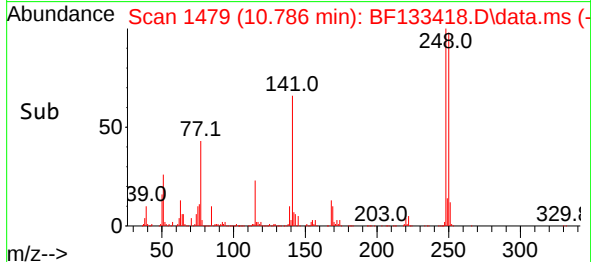
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



Tgt Ion:248 Resp: 40730
Ion Ratio Lower Upper
248 100
250 98.0 78.7 118.1
141 66.5 56.3 84.5

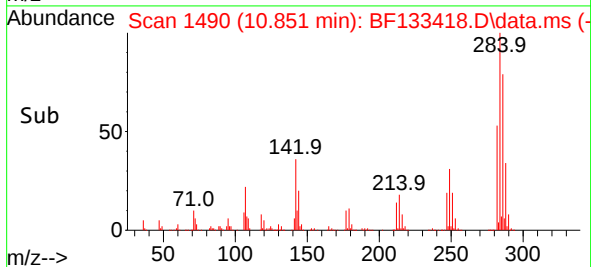
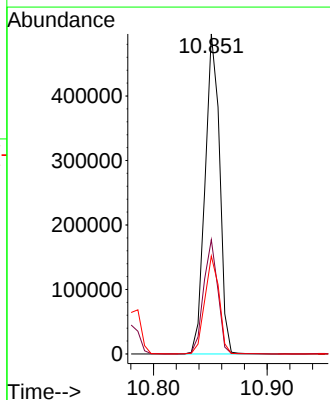
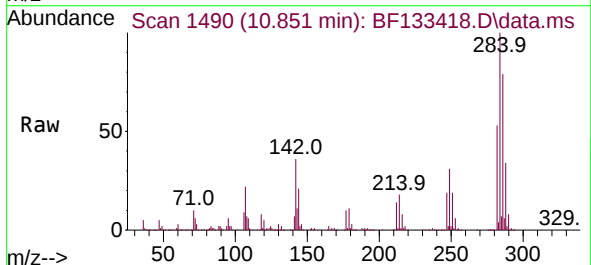
Manual Integrations
APPROVED

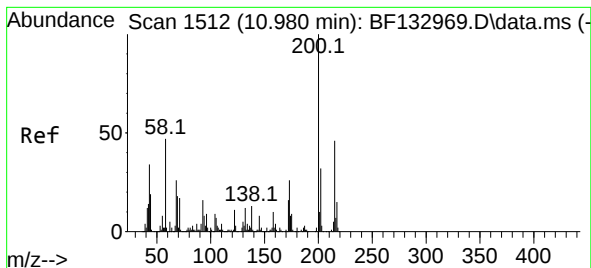
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#68
Hexachlorobenzene
Concen: 48.949 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

Tgt Ion:284 Resp: 440569
Ion Ratio Lower Upper
284 100
142 35.7 26.0 39.0
249 30.6 23.7 35.5





#69

Atrazine

Concen: 55.407 ng

RT: 10.951 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF133418.D

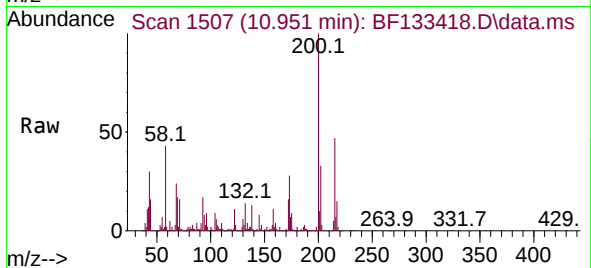
Acq: 17 May 2023 17:45

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MS



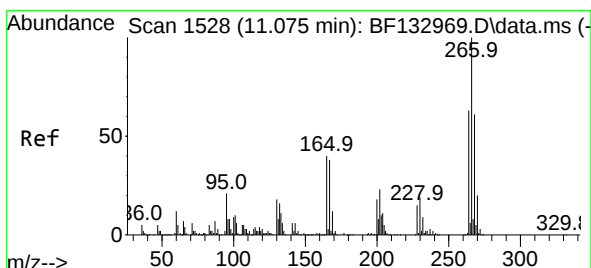
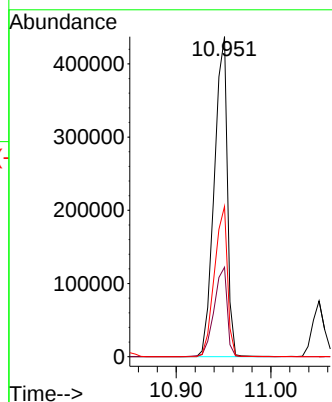
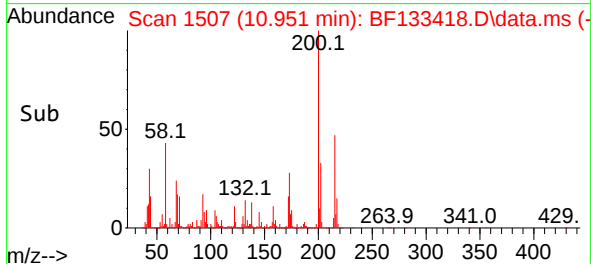
Tgt Ion:	200	Resp:	419415
Ion Ratio	Lower	Upper	
200	100		
173	28.0	6.2	46.2
215	46.9	26.3	66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#70

Pentachlorophenol

Concen: 63.723 ng

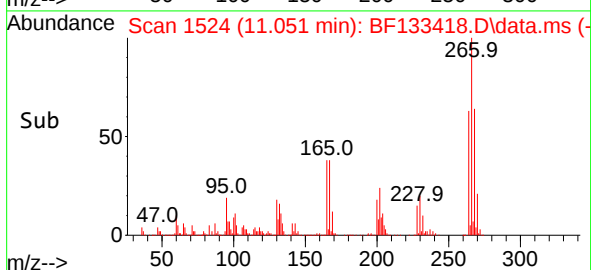
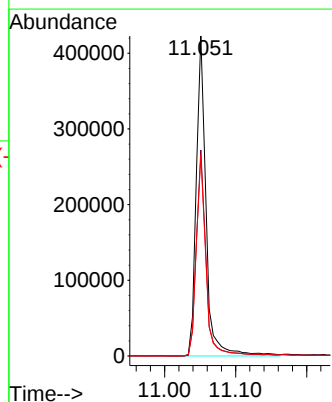
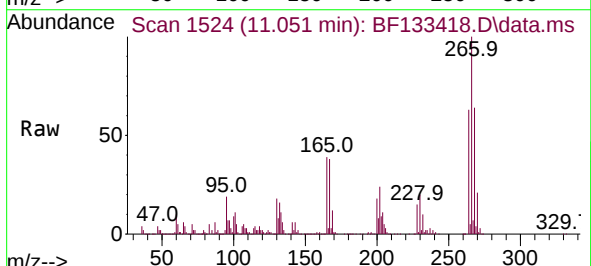
RT: 11.051 min Scan# 1524

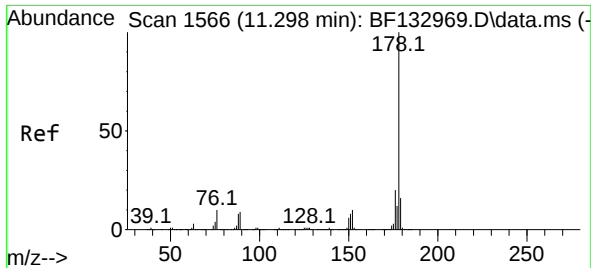
Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

Tgt Ion:	266	Resp:	408477
Ion Ratio	Lower	Upper	
266	100		
268	64.3	48.8	73.2
264	62.7	50.6	76.0





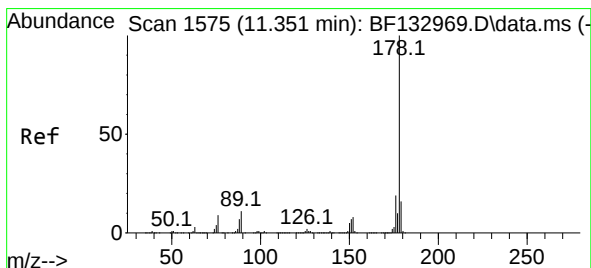
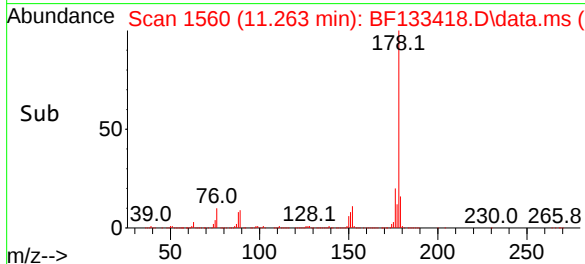
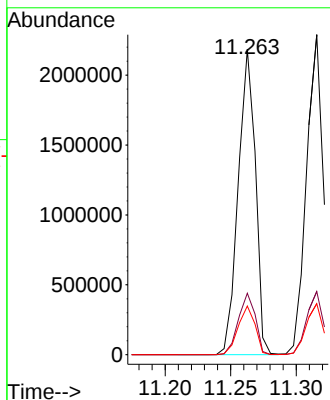
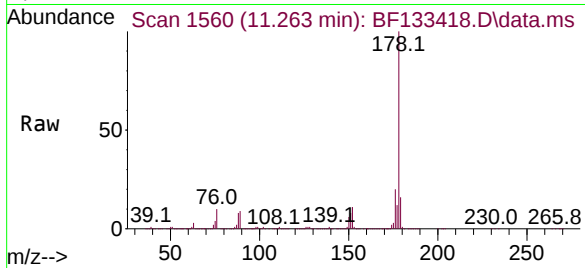
#71
Phenanthrene
Concen: 45.911 ng
RT: 11.263 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS

Tgt Ion:178 Resp: 1998472
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 15.9 12.5 18.7

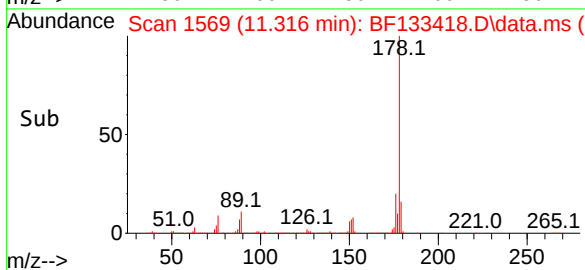
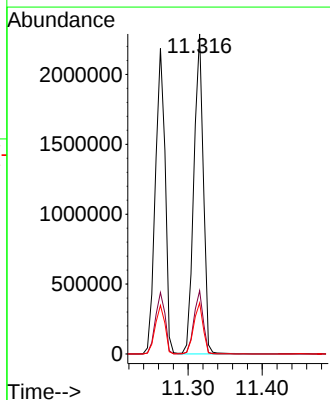
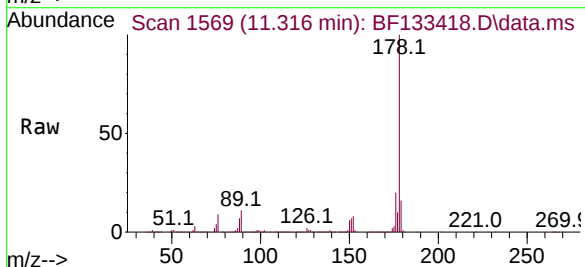
Manual Integrations
APPROVED

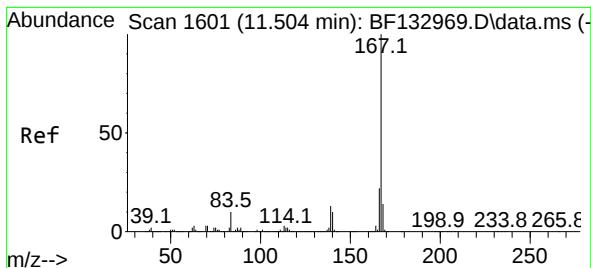
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#72
Anthracene
Concen: 45.591 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

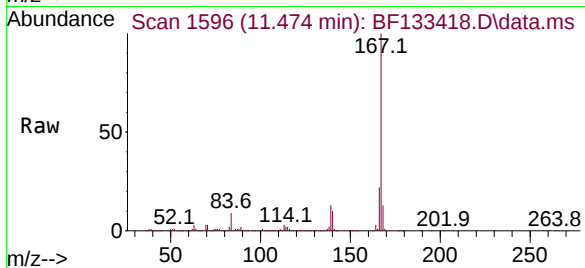
Tgt Ion:178 Resp: 2030935
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 16.0 12.4 18.6





#73
 Carbazole
 Concen: 45.474 ng
 RT: 11.474 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133418.D
 Acq: 17 May 2023 17:45

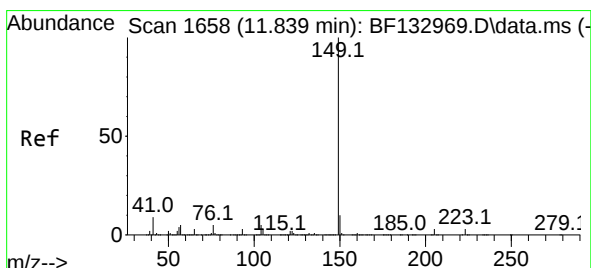
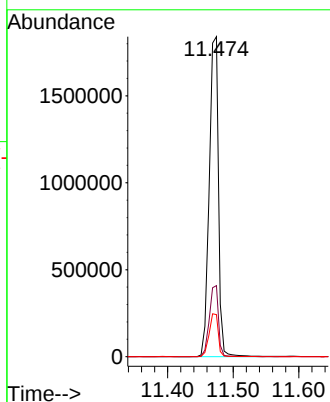
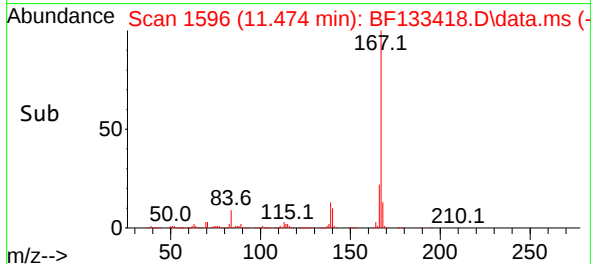
Instrument :
 BNA_F
 ClientSampleId :
 WG-0516-B4-10-13MS



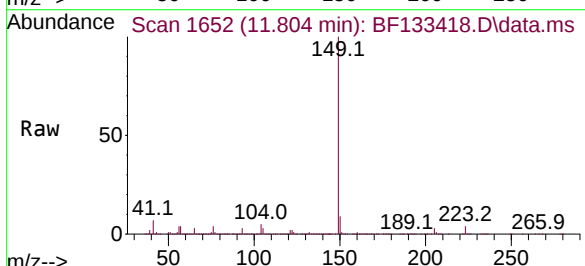
Tgt Ion:167 Resp: 1803792
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 13.2 10.6 16.0

Manual Integrations
 APPROVED

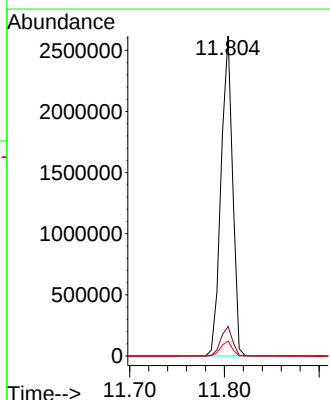
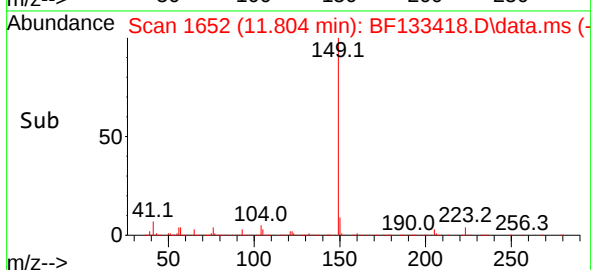
Reviewed By :Christian Giraldo 05/18/2023
 Supervised By :Jagrut Upadhyay 05/18/2023

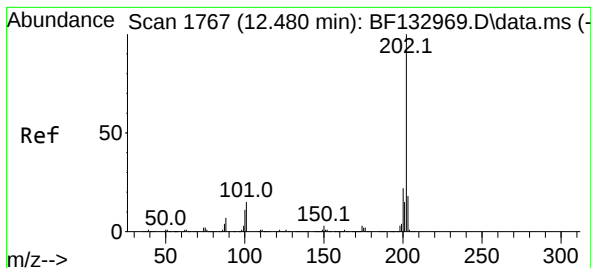


#74
 Di-n-butylphthalate
 Concen: 49.660 ng
 RT: 11.804 min Scan# 1652
 Delta R.T. -0.006 min
 Lab File: BF133418.D
 Acq: 17 May 2023 17:45



Tgt Ion:149 Resp: 2229157
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 4.7 4.0 6.0





#75

Fluoranthene

Concen: 43.946 ng

RT: 12.451 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MS

Tgt Ion:202 Resp: 1919834

Ion Ratio Lower Upper

202 100

101 13.5 0.0 35.3

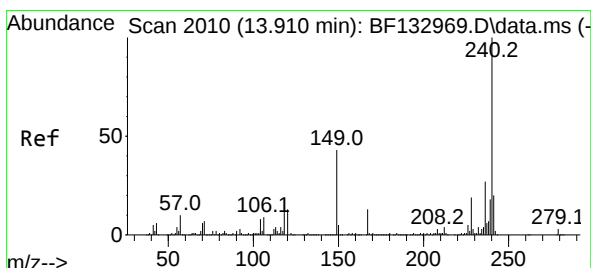
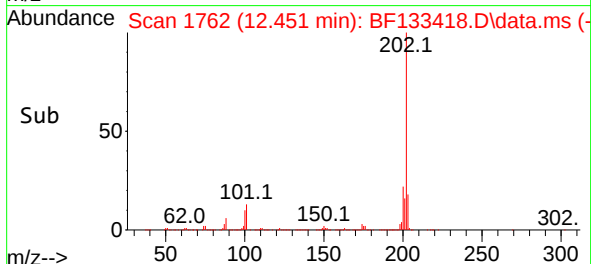
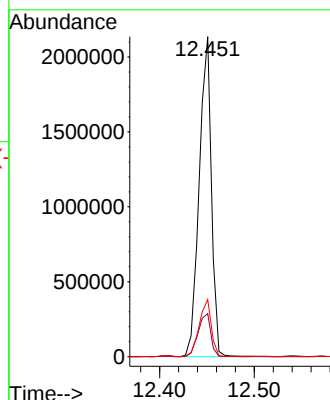
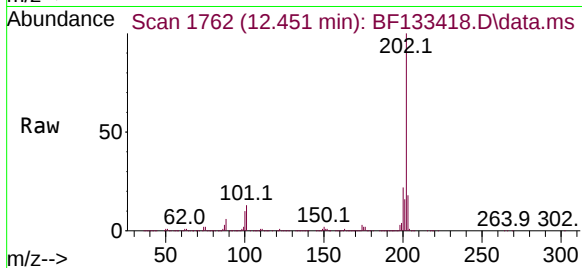
203 17.9 0.0 38.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.012 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

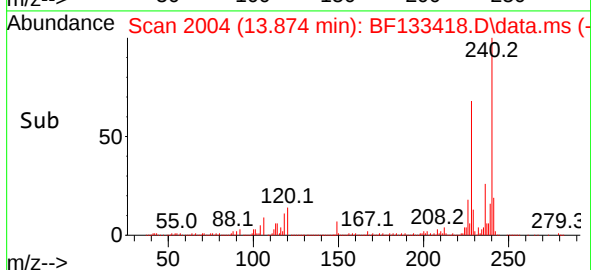
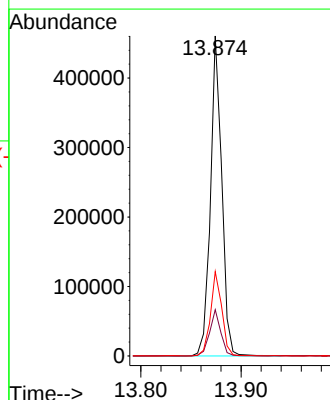
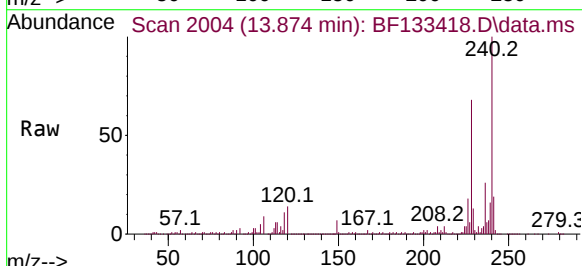
Tgt Ion:240 Resp: 362047

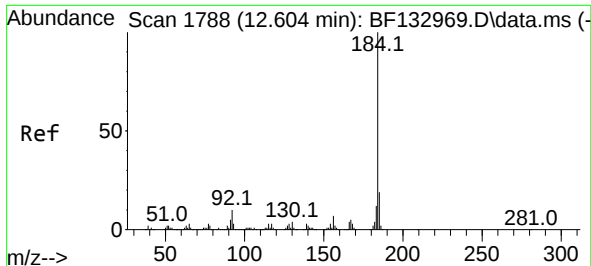
Ion Ratio Lower Upper

240 100

120 14.5 10.5 15.7

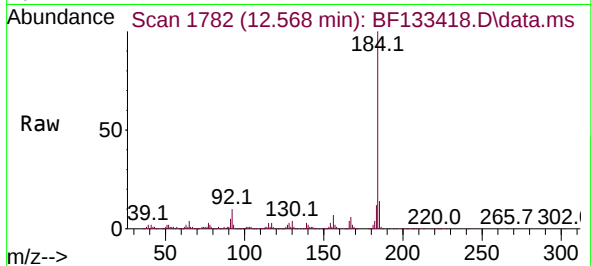
236 26.3 21.5 32.3





#77
Benzidine
Concen: 76.866 ng
RT: 12.568 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

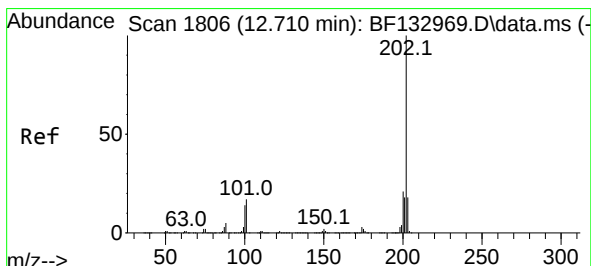
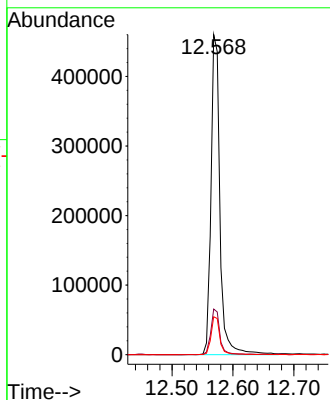
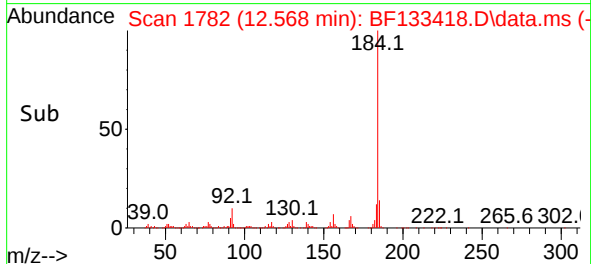
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



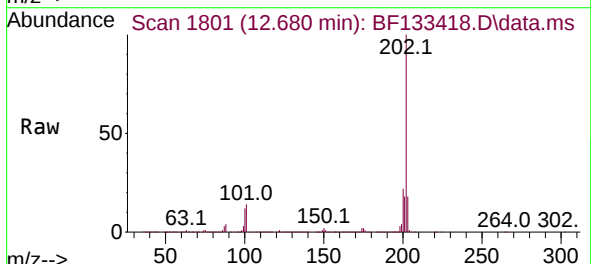
Tgt Ion:184 Resp: 47060
Ion Ratio Lower Upper
184 100
185 14.3 15.4 23.2
183 11.8 9.4 14.0

Manual Integrations
APPROVED

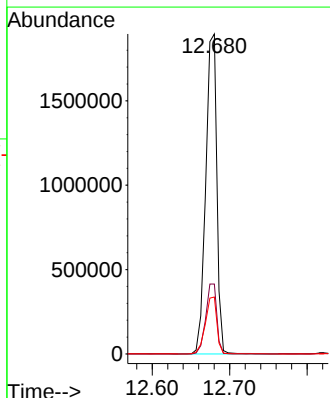
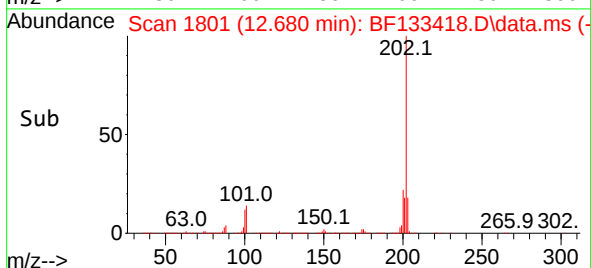
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

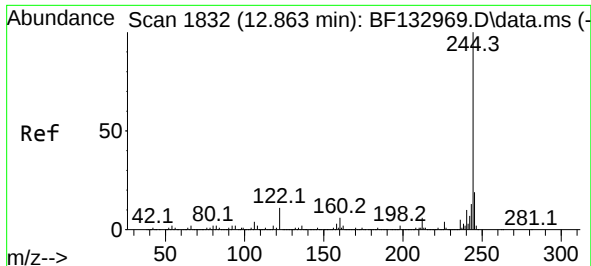


#78
Pyrene
Concen: 60.670 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45



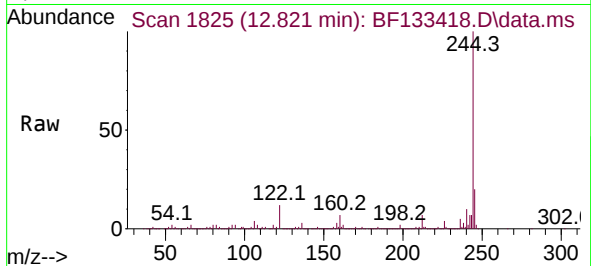
Tgt Ion:202 Resp: 1882935
Ion Ratio Lower Upper
202 100
200 21.9 17.1 25.7
203 17.8 14.1 21.1





#79
Terphenyl-d14
Concen: 81.645 ng
RT: 12.821 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

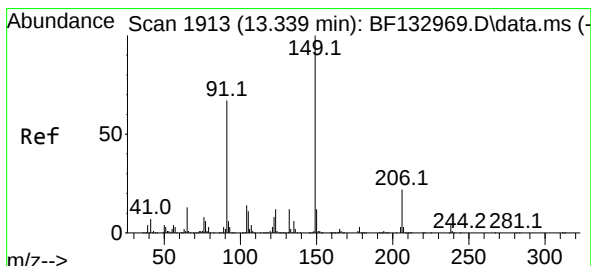
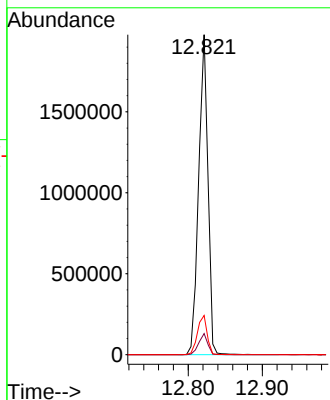
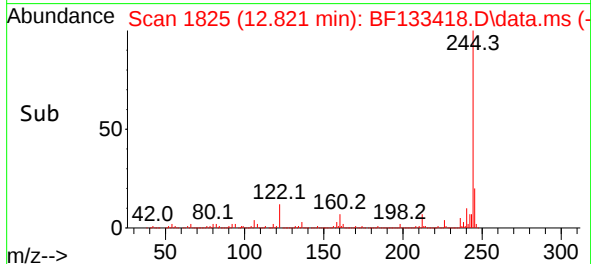
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



Tgt Ion:244 Resp: 171391
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 12.3 8.6 13.0

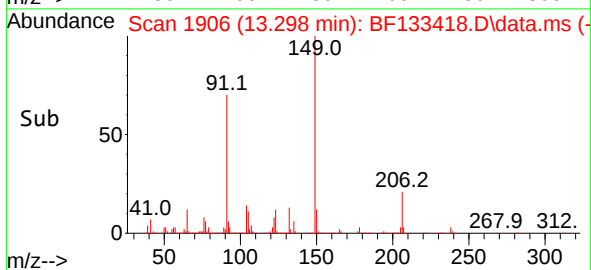
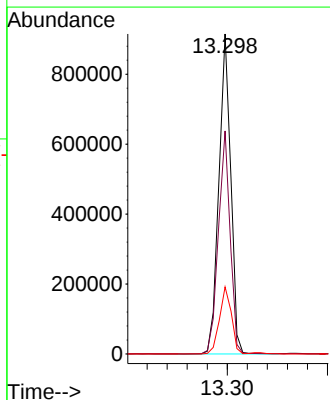
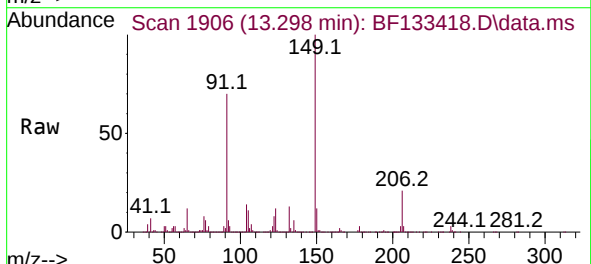
Manual Integrations
APPROVED

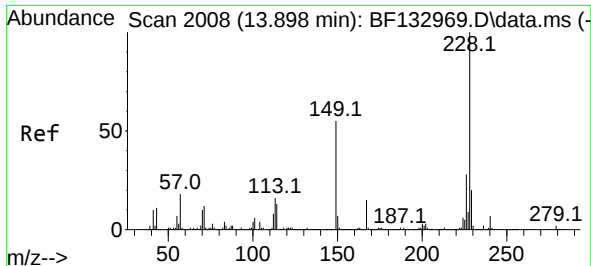
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#80
Butylbenzylphthalate
Concen: 68.252 ng
RT: 13.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

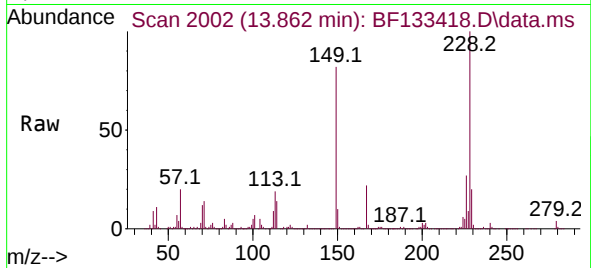
Tgt Ion:149 Resp: 750024
Ion Ratio Lower Upper
149 100
91 69.7 53.8 80.6
206 21.0 17.5 26.3





#81
Benzo(a)anthracene
Concen: 46.963 ng
RT: 13.862 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

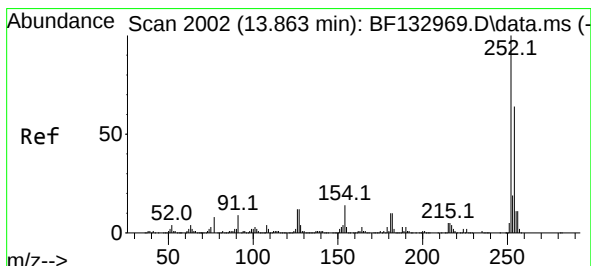
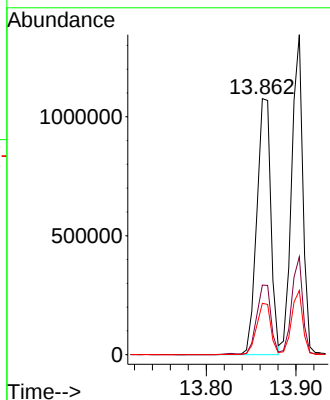
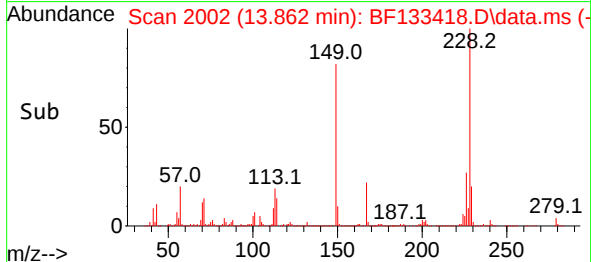
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



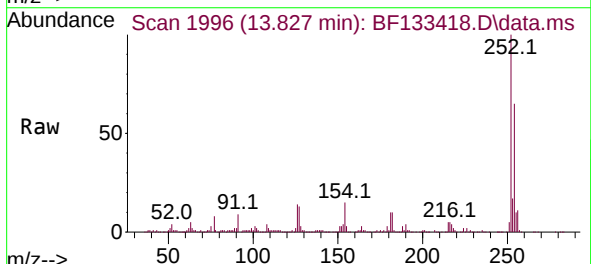
Tgt Ion:228 Resp: 1169224
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 20.1 16.0 24.0

Manual Integrations
APPROVED

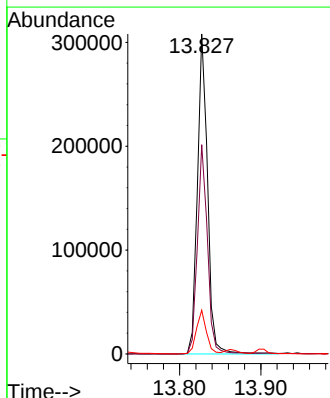
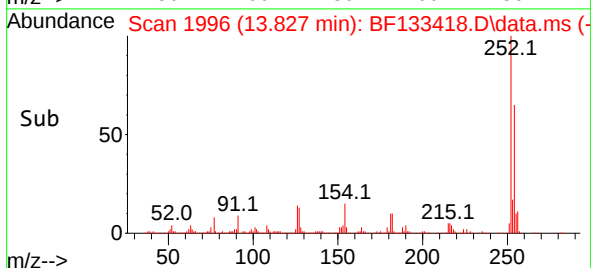
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

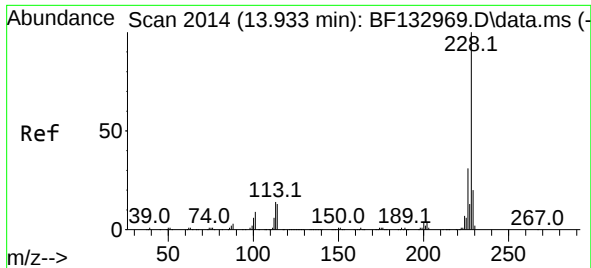


#82
3,3'-Dichlorobenzidine
Concen: 39.057 ng
RT: 13.827 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45



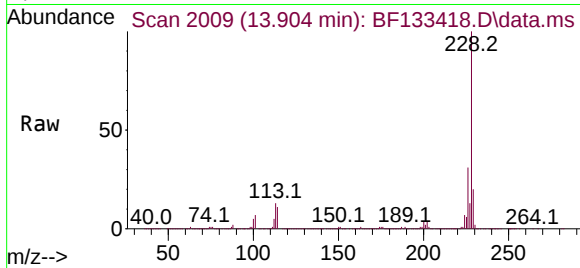
Tgt Ion:252 Resp: 268628
Ion Ratio Lower Upper
252 100
254 65.4 51.5 77.3
126 13.7 9.5 14.3





#83
Chrysene
Concen: 46.731 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

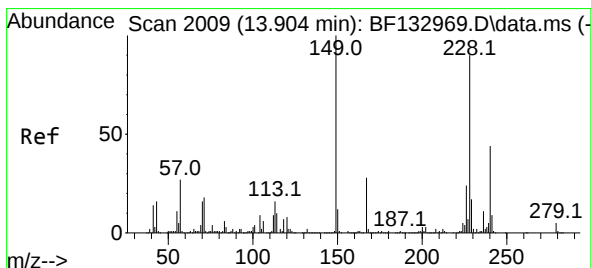
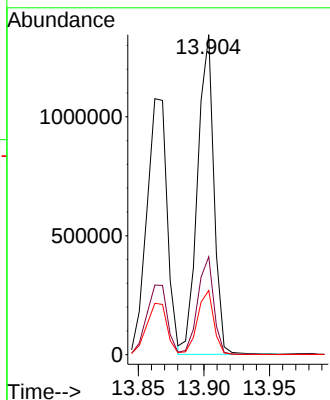
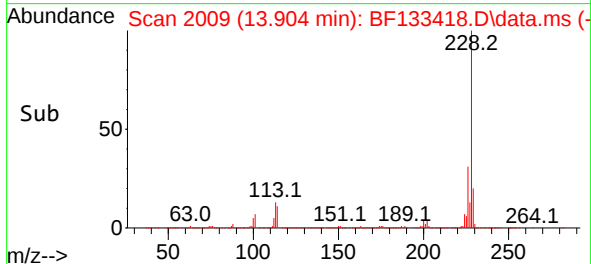
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



Tgt Ion:228 Resp: 1163160
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 20.1 16.1 24.1

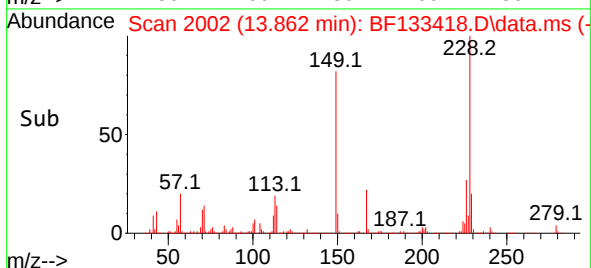
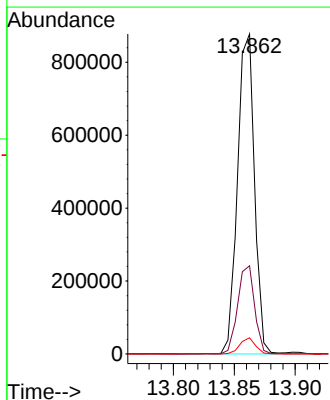
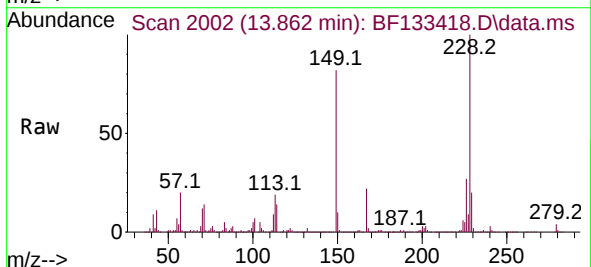
Manual Integrations
APPROVED

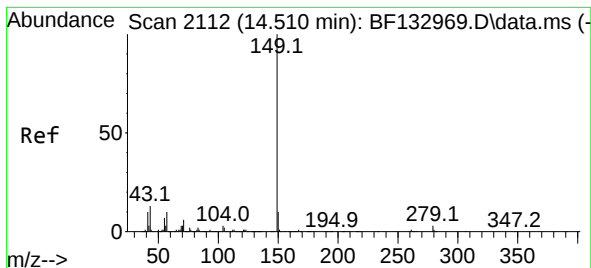
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 61.782 ng
RT: 13.862 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

Tgt Ion:149 Resp: 852165
Ion Ratio Lower Upper
149 100
167 27.5 22.5 33.7
279 5.1 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 65.767 ng

RT: 14.468 min Scan# 2112

Delta R.T. -0.006 min

Lab File: BF133418.D

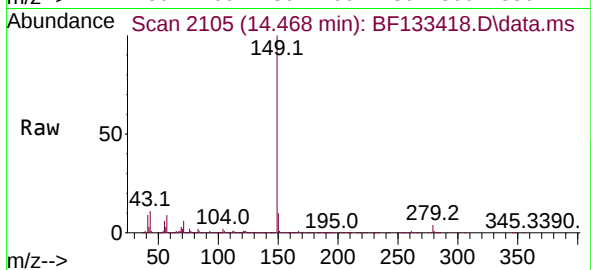
Acq: 17 May 2023 17:45

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MS



Tgt Ion:149 Resp: 1479129

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

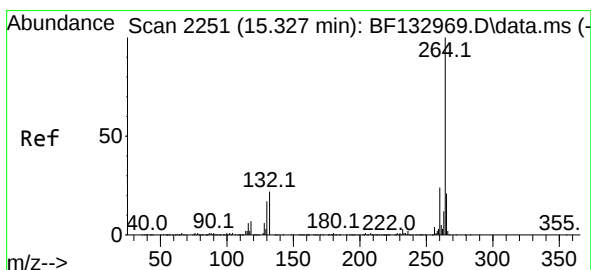
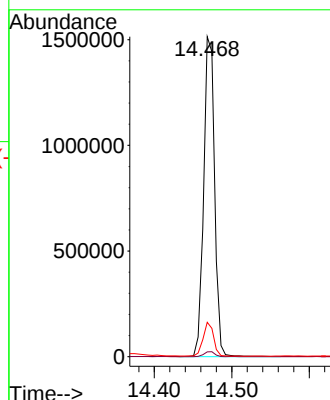
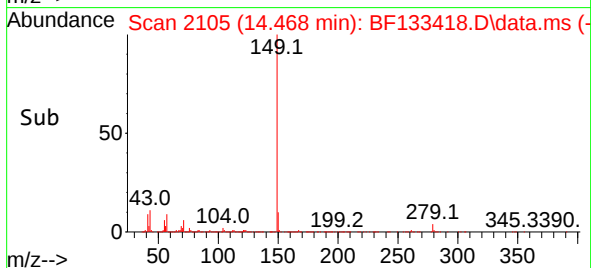
43 10.1 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

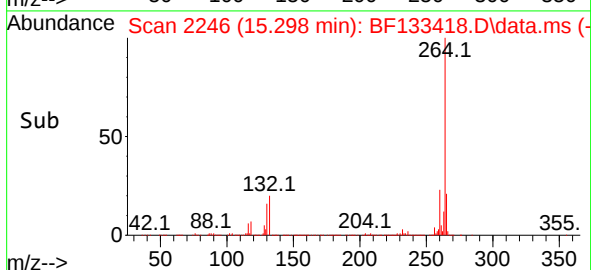
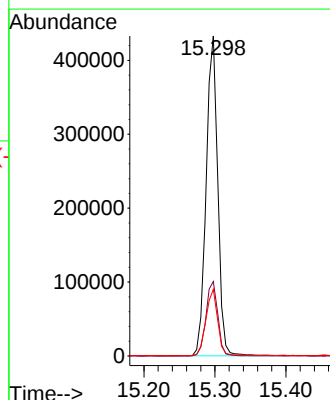
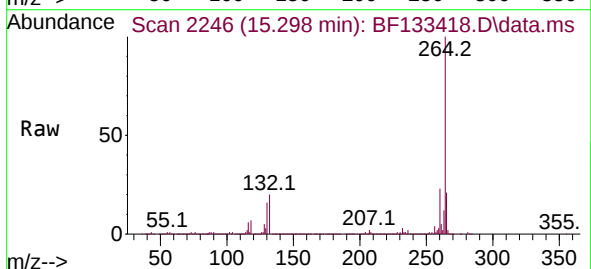
Tgt Ion:264 Resp: 492946

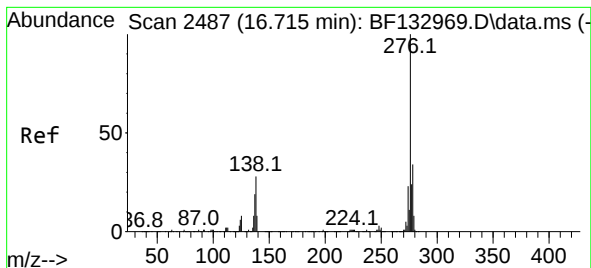
Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 20.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.741 ng

RT: 16.686 min Scan# 2487

Delta R.T. -0.012 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

Instrument :

BNA_F

ClientSampleId :

WG-0516-B4-10-13MS

Tgt Ion:276 Resp: 170316

Ion Ratio Lower Upper

276 100

138 31.1 25.5 38.3

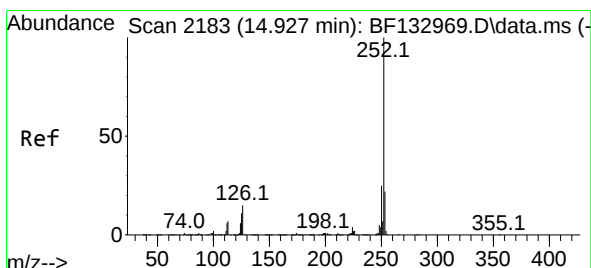
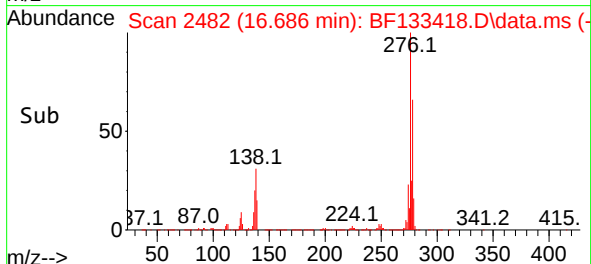
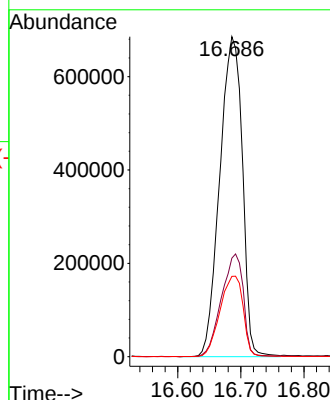
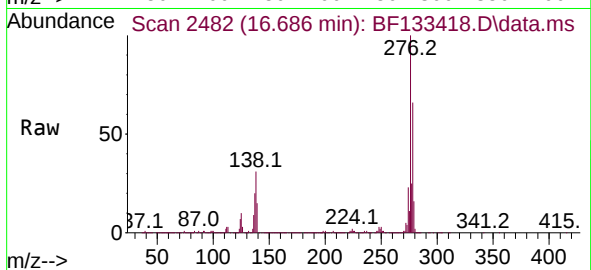
277 25.8 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2023

Supervised By :Jagrut Upadhyay 05/18/2023



#88

Benzo(b)fluoranthene

Concen: 47.214 ng

RT: 14.892 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BF133418.D

Acq: 17 May 2023 17:45

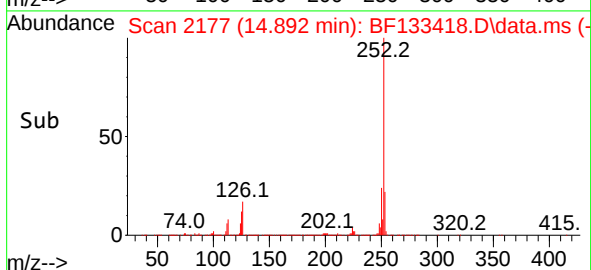
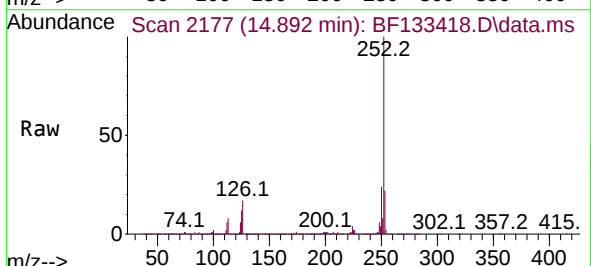
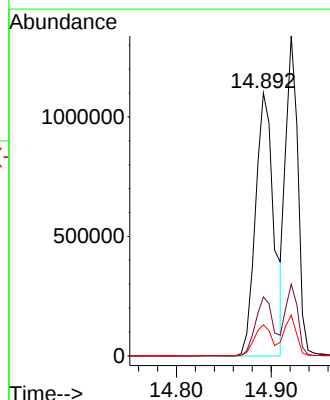
Tgt Ion:252 Resp: 1480675

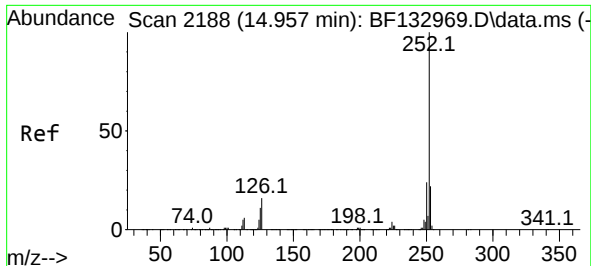
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

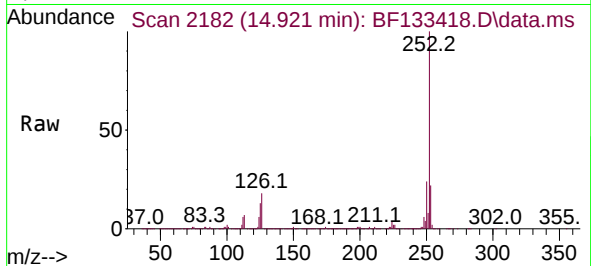
125 11.8 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 38.659 ng
RT: 14.921 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

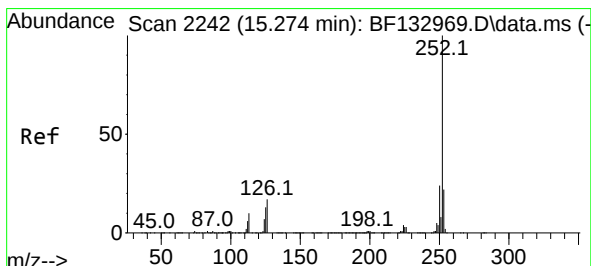
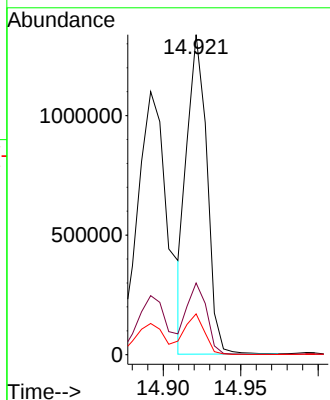
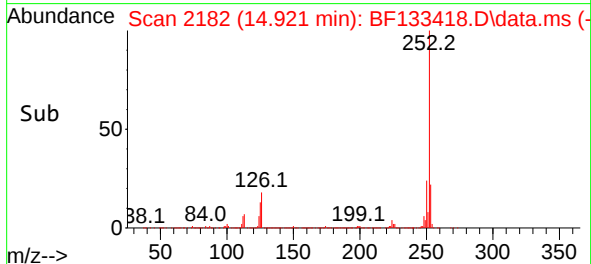
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



Tgt Ion:252 Resp: 1201811
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 12.8 9.0 13.4

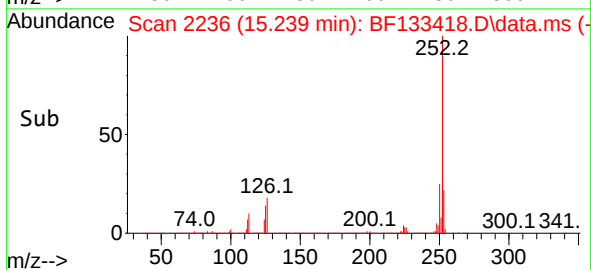
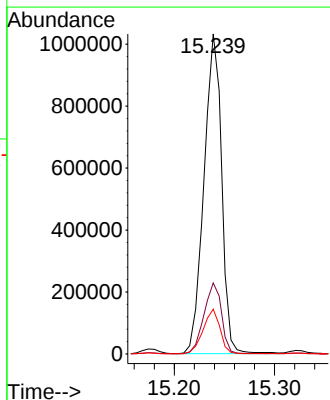
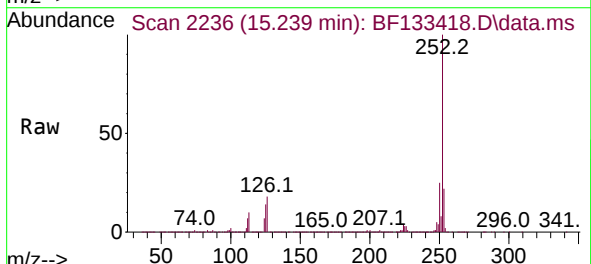
Manual Integrations
APPROVED

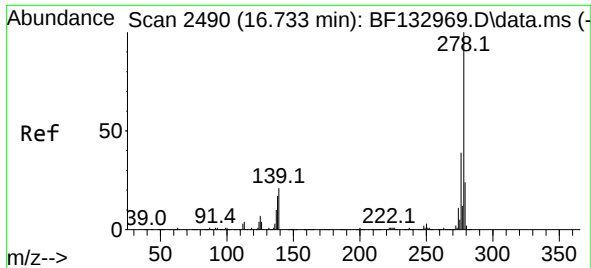
Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#90
Benzo(a)pyrene
Concen: 44.392 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

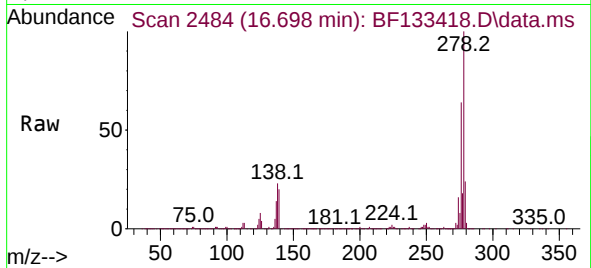
Tgt Ion:252 Resp: 1267151
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 14.0 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 60.256 ng
RT: 16.698 min Scan# 2490
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45

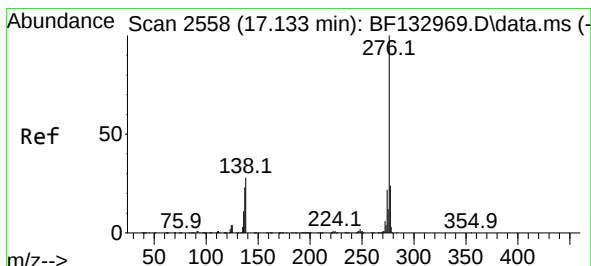
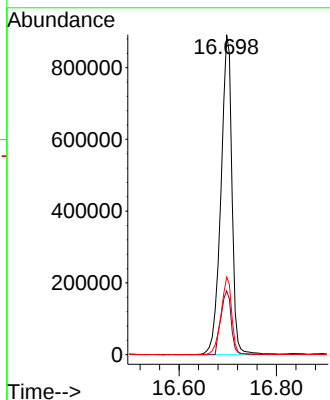
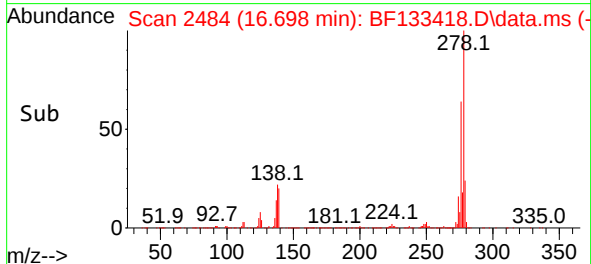
Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MS



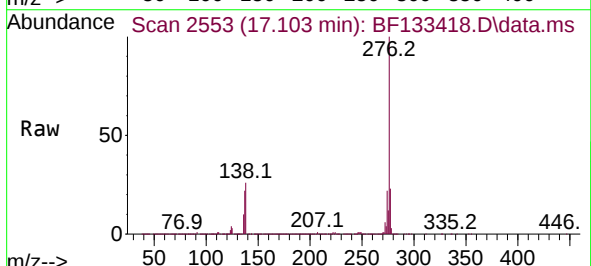
Tgt Ion:278 Resp: 140918
Ion Ratio Lower Upper
278 100
139 19.9 16.6 24.8
279 24.3 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023



#92
Benzo(g,h,i)perylene
Concen: 61.764 ng
RT: 17.103 min Scan# 2553
Delta R.T. -0.006 min
Lab File: BF133418.D
Acq: 17 May 2023 17:45



Tgt Ion:276 Resp: 1426027
Ion Ratio Lower Upper
276 100
277 23.3 19.4 29.0
138 25.9 22.7 34.1

