

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
 Data File : BF128885.D
 Acq On : 20 Jun 2022 19:18
 Operator : CG\JU
 Sample : N3301-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SO-20220609MSD

Quant Time: Jun 21 01:18:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 21 00:40:09 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 06/21/2022
 Supervised By : Jagrut Upadhyay 06/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	110205	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	355723	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	198969	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	372131	20.000	ng	0.00
76) Chrysene-d12	13.951	240	214625	20.000	ng	# 0.00
86) Perylene-d12	15.392	264	177533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	838439	121.183	ng	0.02
7) Phenol-d6	6.439	99	999980	118.402	ng	0.00
23) Nitrobenzene-d5	7.345	82	861825	112.799	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	338605	144.031	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1428944	100.602	ng	0.00
79) Terphenyl-d14	12.892	244	1518736	122.959	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.704	88	99851	38.874	ng	# 80
3) Pyridine	3.404	79	196273	28.765	ng	# 92
4) n-Nitrosodimethylamine	3.334	42	200539	42.382	ng	# 77
6) Aniline	6.439	93	183989	20.200	ng	# 7
8) 2-Chlorophenol	6.575	128	367160	51.862	ng	99
9) Benzaldehyde	6.328	77	102232	19.869	ng	92
10) Phenol	6.451	94	383508	42.958	ng	81
11) bis(2-Chloroethyl)ether	6.516	93	371472	56.784	ng	99
12) 1,3-Dichlorobenzene	6.716	146	404370	49.407	ng	96
13) 1,4-Dichlorobenzene	6.792	146	416295	50.363	ng	99
14) 1,2-Dichlorobenzene	6.945	146	397249	51.376	ng	98
15) Benzyl Alcohol	6.934	79	367125	51.954	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	564325	52.357	ng	# 30
17) 2-Methylphenol	7.051	107	292610	52.295	ng	# 83
18) Hexachloroethane	7.286	117	161974	52.670	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	298294	56.806	ng	98
20) 3+4-Methylphenols	7.204	107	389728	52.172	ng	# 86
22) Acetophenone	7.192	105	571237	61.398	ng	96
24) Nitrobenzene	7.363	77	438255	62.480	ng	96
25) Isophorone	7.610	82	776799	66.942	ng	97
26) 2-Nitrophenol	7.681	139	196294	63.516	ng	# 90
27) 2,4-Dimethylphenol	7.728	122	326046	69.257	ng	95
28) bis(2-Chloroethoxy)met...	7.810	93	387523	52.828	ng	98
29) 2,4-Dichlorophenol	7.933	162	284395	52.195	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	305408	49.780	ng	99
31) Naphthalene	8.080	128	955201	52.323	ng	99
32) Benzoic acid	7.886	122	125993	37.722	ng	85
33) 4-Chloroaniline	8.133	127	130776	19.000	ng	94
34) Hexachlorobutadiene	8.192	225	214105	49.208	ng	100
35) Caprolactam	8.528	113	63849m	42.377	ng	
36) 4-Chloro-3-methylphenol	8.639	107	316723	53.263	ng	96
37) 2-Methylnaphthalene	8.775	142	622676	53.624	ng	99
38) 1-Methylnaphthalene	8.875	142	595556	53.085	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	333562	53.980	ng	100
41) Hexachlorocyclopentadiene	8.922	237	258318	69.544	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	209886	50.227	ng	96

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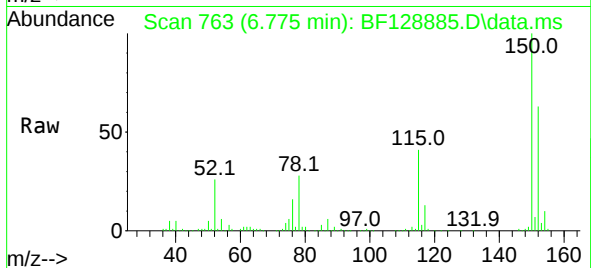
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	214755	49.729	ng	96
46) 1,1'-Biphenyl	9.239	154	806349	54.012	ng	99
47) 2-Chloronaphthalene	9.263	162	620922	54.506	ng	98
48) 2-Nitroaniline	9.369	65	221292	56.808	ng	96
49) Acenaphthylene	9.680	152	981963	56.306	ng	99
50) Dimethylphthalate	9.545	163	751387	55.172	ng	100
51) 2,6-Dinitrotoluene	9.610	165	163501	60.826	ng	# 79
52) Acenaphthene	9.851	154	562811	49.556	ng	100
53) 3-Nitroaniline	9.780	138	103343	35.424	ng	# 99
54) 2,4-Dinitrophenol	9.898	184	159405	106.470	ng	93
55) Dibenzofuran	10.022	168	857869	52.559	ng	93
56) 4-Nitrophenol	9.980	139	146067	69.072	ng	# 78
57) 2,4-Dinitrotoluene	10.022	165	214522	59.801	ng	# 82
58) Fluorene	10.369	166	699069	55.228	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	171303	48.025	ng	96
60) Diethylphthalate	10.245	149	754085	55.091	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	353382	53.825	ng	90
62) 4-Nitroaniline	10.404	138	139220	47.133	ng	# 83
63) Azobenzene	10.516	77	721738	53.561	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	114250	52.024	ng	91
66) n-Nitrosodiphenylamine	10.480	169	629504	55.036	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	228819	55.138	ng	# 92
68) Hexachlorobenzene	10.916	284	252663	54.822	ng	94
69) Atrazine	11.016	200	208196	56.602	ng	98
70) Pentachlorophenol	11.121	266	184699	80.283	ng	99
71) Phenanthrene	11.333	178	992910	53.195	ng	98
72) Anthracene	11.380	178	1012752	54.818	ng	99
73) Carbazole	11.539	167	874333	50.954	ng	99
74) Di-n-butylphthalate	11.868	149	1169000	55.954	ng	99
75) Fluoranthene	12.521	202	1002232	51.368	ng	95
77) Benzidine	12.639	184	47279	11.051	ng	98
78) Pyrene	12.751	202	990701	62.043	ng	98
80) Butylbenzylphthalate	13.363	149	416635	62.131	ng	99
81) Benzo(a)anthracene	13.939	228	749739	56.041	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	166012	58.002	ng	99
83) Chrysene	13.974	228	680634	53.364	ng	100
84) Bis(2-ethylhexyl)phtha...	13.921	149	578612	66.371	ng	99
85) Di-n-octyl phthalate	14.533	149	810509	61.729	ng	100
87) Indeno(1,2,3-cd)pyrene	16.839	276	641430	59.944	ng	# 92
88) Benzo(b)fluoranthene	14.980	252	626436	55.221	ng	# 97
89) Benzo(k)fluoranthene	15.009	252	584980	54.818	ng	# 97
90) Benzo(a)pyrene	15.339	252	570877	64.028	ng	# 97
91) Dibenzo(a,h)anthracene	16.851	278	562815	63.411	ng	# 96
92) Benzo(g,h,i)perylene	17.274	276	551381	62.681	ng	# 91

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

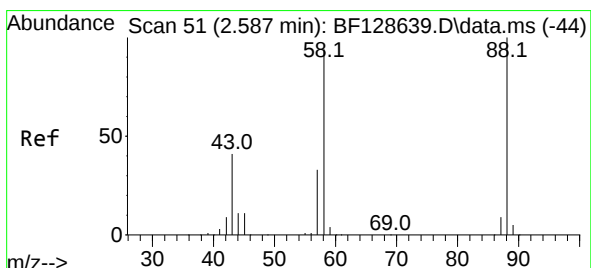
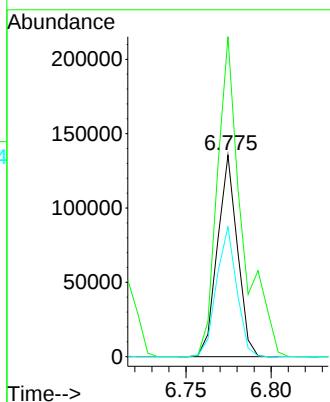
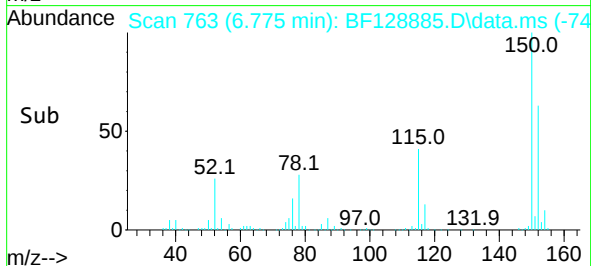
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



Tgt Ion:152 Resp: 11020
Ion Ratio Lower Upper
152 100
150 158.9 123.7 185.5
115 64.4 49.9 74.9

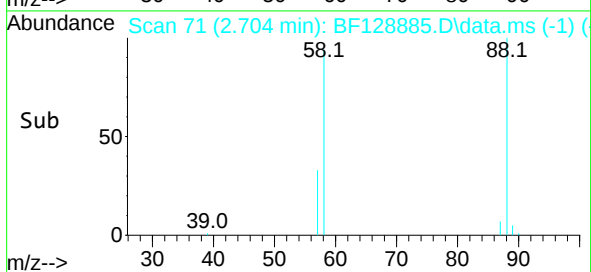
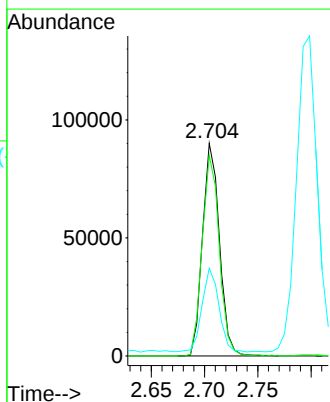
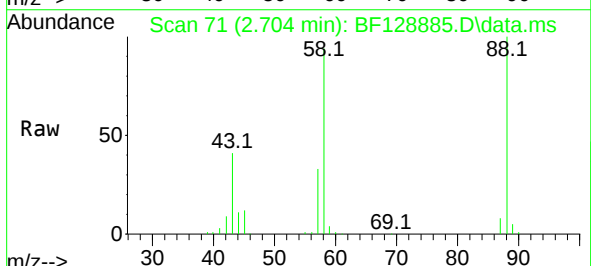
Manual Integrations
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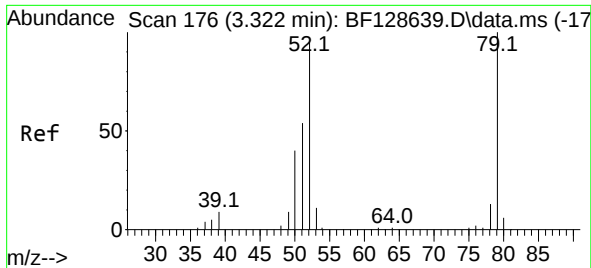
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#2
1,4-Dioxane
Concen: 38.874 ng
RT: 2.704 min Scan# 71
Delta R.T. 0.206 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

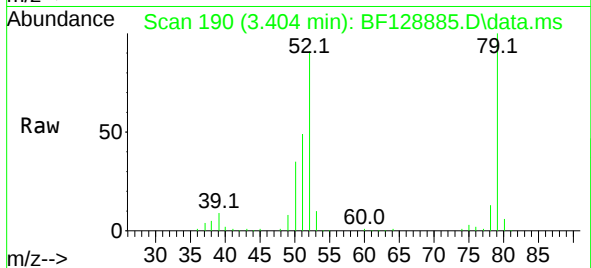
Tgt Ion: 88 Resp: 99851
Ion Ratio Lower Upper
88 100
58 95.1 71.8 107.8
43 0.0 26.6 39.8





#3
Pyridine
Concen: 28.765 ng
RT: 3.404 min Scan# 190
Delta R.T. 0.182 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

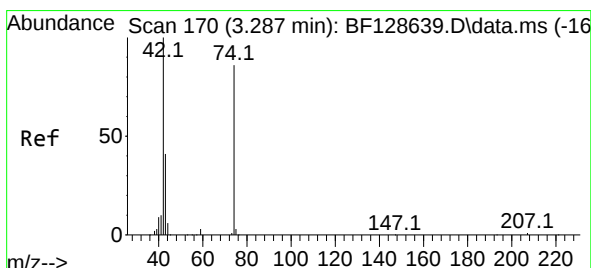
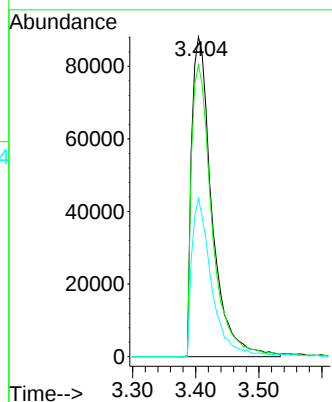
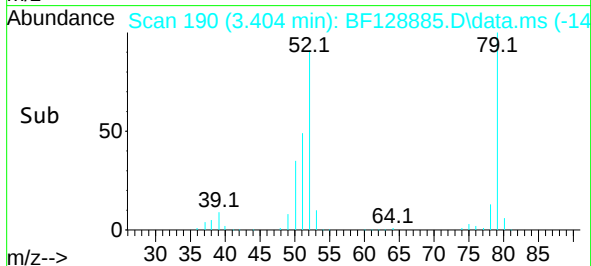
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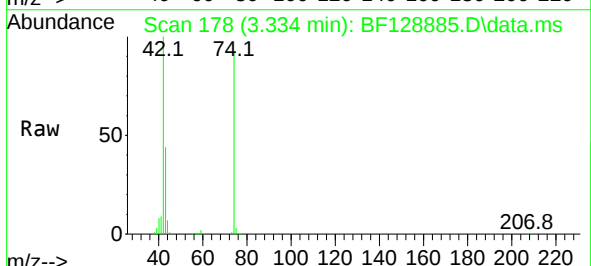
Tgt Ion: 79 Resp: 19627
Ion Ratio Lower Upper
79 100
52 91.2 68.6 102.8
51 49.5 32.9 49.3

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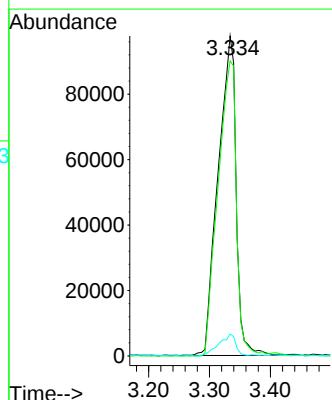
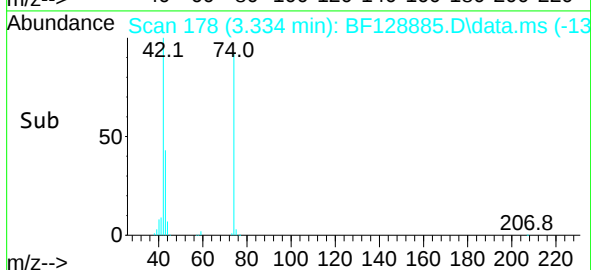
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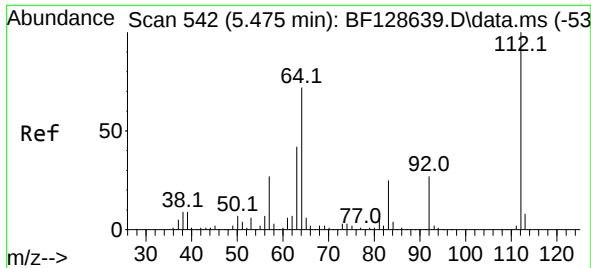


#4
n-Nitrosodimethylamine
Concen: 42.382 ng
RT: 3.334 min Scan# 178
Delta R.T. 0.141 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18



Tgt Ion: 42 Resp: 200539
Ion Ratio Lower Upper
42 100
74 92.2 94.8 142.2#
44 6.8 6.6 10.0





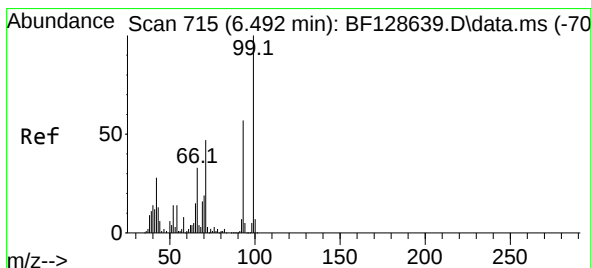
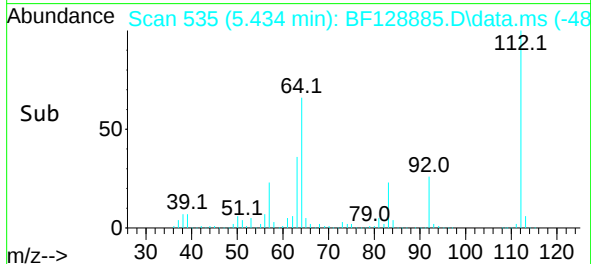
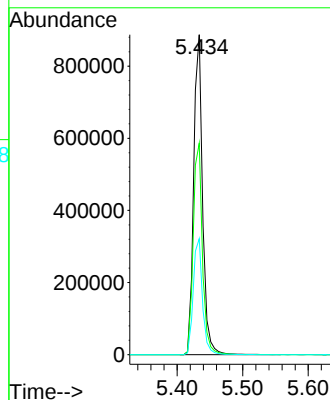
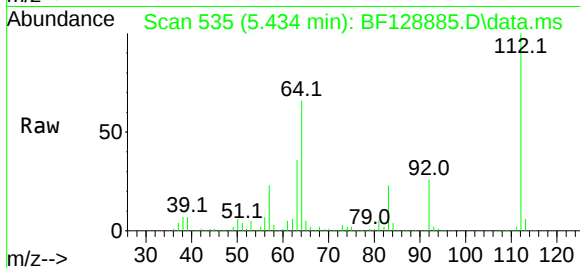
#5
2-Fluorophenol
Concen: 121.183 ng
RT: 5.434 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

Instrument :
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ClientSampleId :
WC-SO-20220609MSD

Tgt Ion: 112 Resp: 838439
Ion Ratio Lower Upper
112 100
64 66.1 53.3 79.9
63 36.3 28.0 42.0

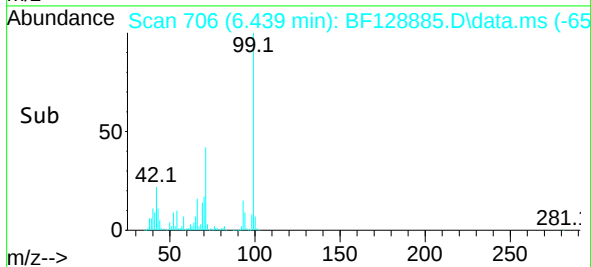
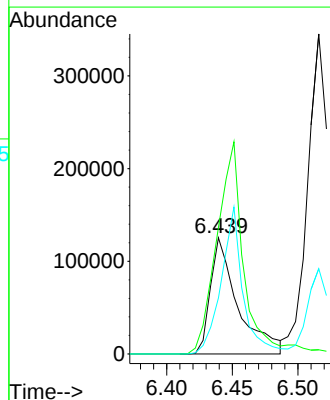
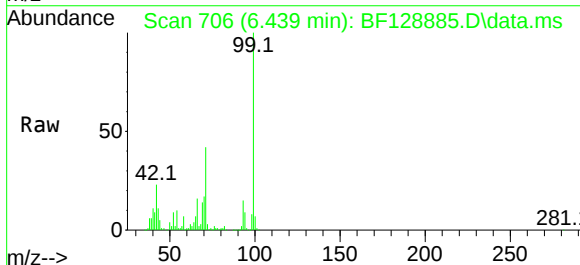
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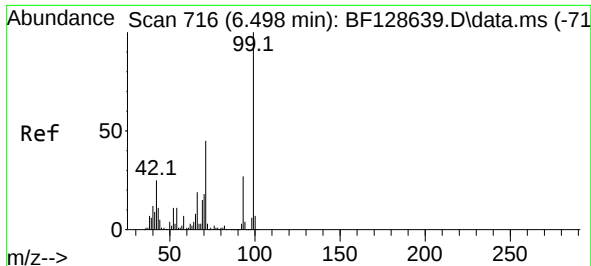
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#6
Aniline
Concen: 20.200 ng
RT: 6.439 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

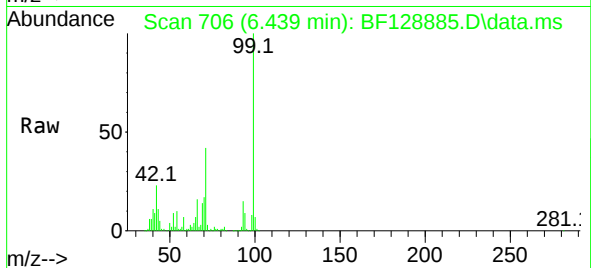
Tgt Ion: 93 Resp: 183989
Ion Ratio Lower Upper
93 100
66 108.9 32.5 48.7#
65 48.2 16.4 24.6#





#7
Phenol-d6
Concen: 118.402 ng
RT: 6.439 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

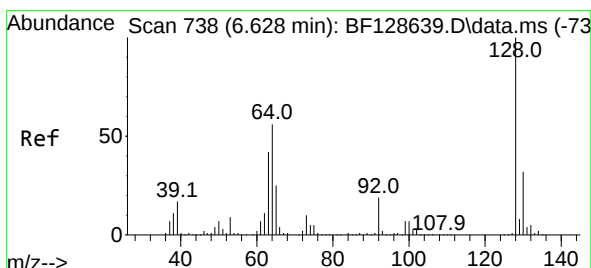
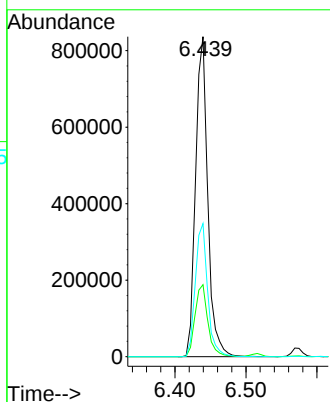
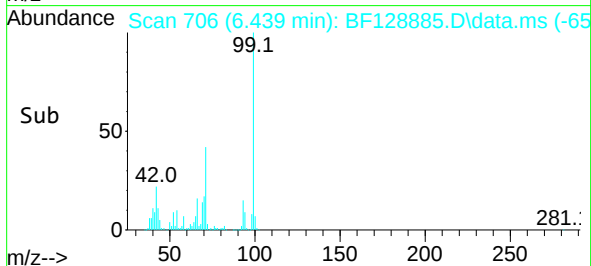
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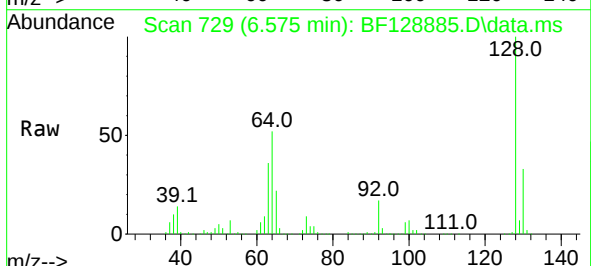
Tgt Ion: 99 Resp: 999980
Ion Ratio Lower Upper
99 100
42 22.5 17.3 25.9
71 41.6 28.9 43.3

Manual Integrations
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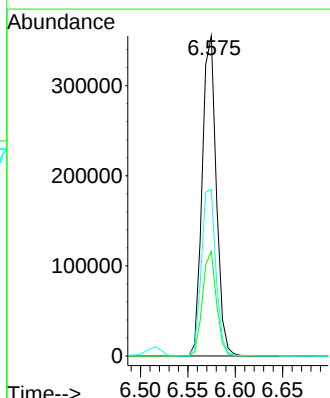
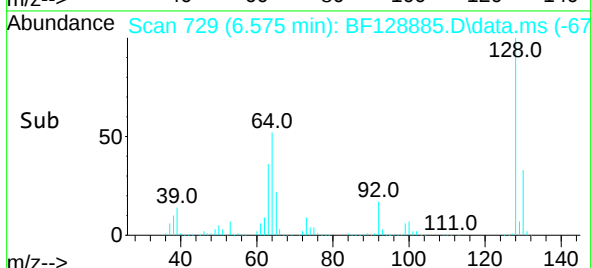
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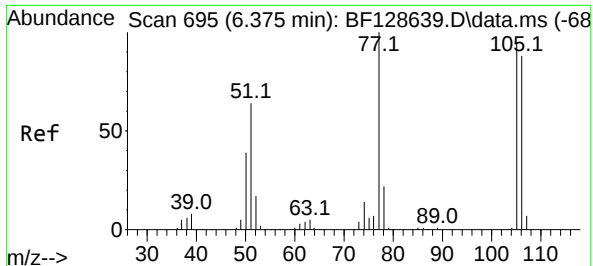


#8
2-Chlorophenol
Concen: 51.862 ng
RT: 6.575 min Scan# 729
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18



Tgt Ion:128 Resp: 367160
Ion Ratio Lower Upper
128 100
130 32.7 13.1 53.1
64 52.0 30.9 70.9





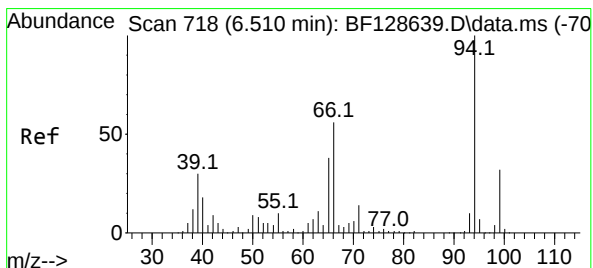
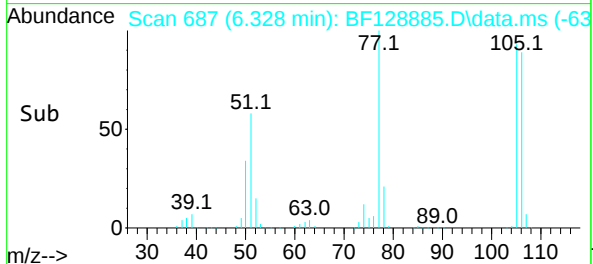
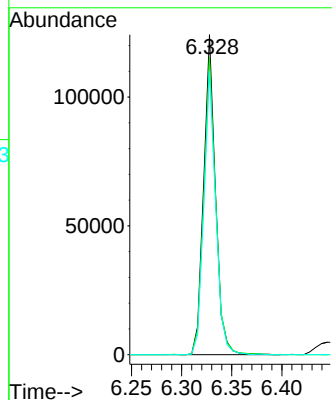
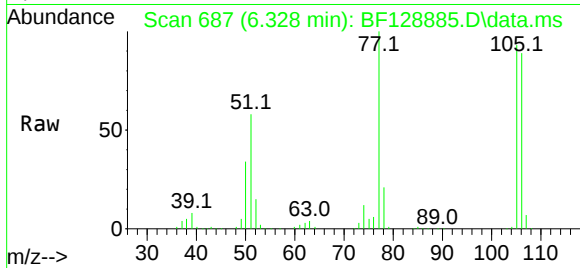
#9
Benzaldehyde
Concen: 19.869 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD

Tgt Ion: 77 Resp: 10223
Ion Ratio Lower Upper
77 100
105 93.0 81.6 121.6
106 88.5 76.1 116.1

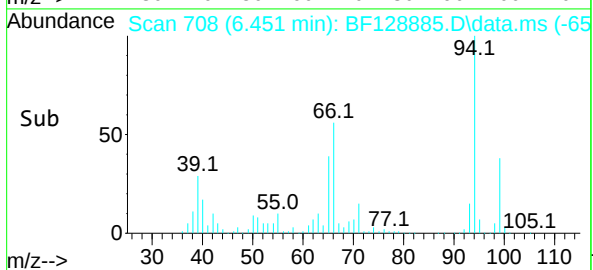
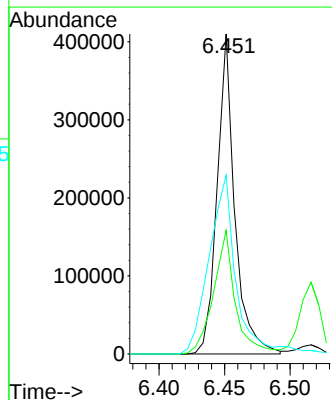
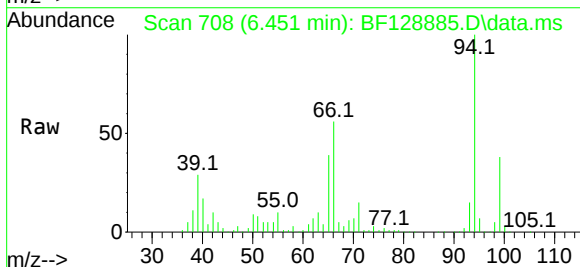
Manual Integrations
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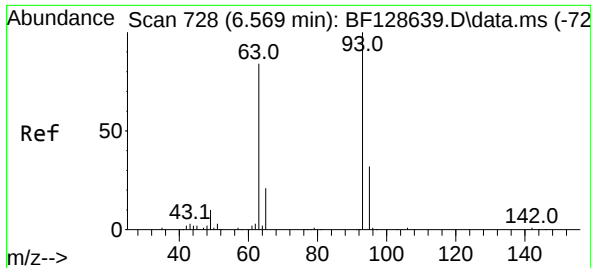
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#10
Phenol
Concen: 42.958 ng
RT: 6.451 min Scan# 708
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

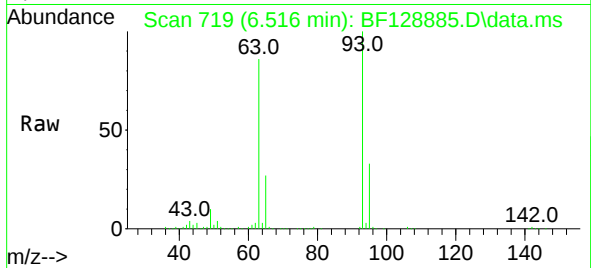
Tgt Ion: 94 Resp: 383508
Ion Ratio Lower Upper
94 100
65 38.7 11.4 51.4
66 55.8 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 56.784 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

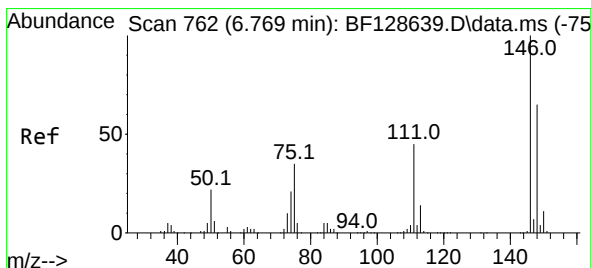
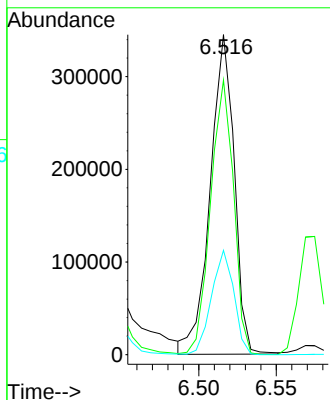
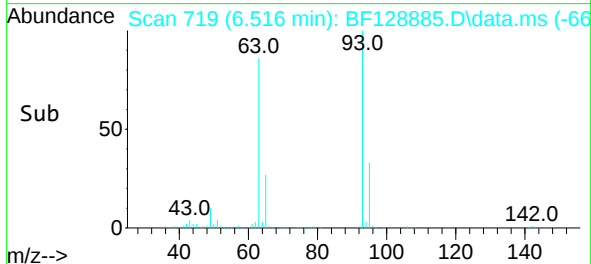
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



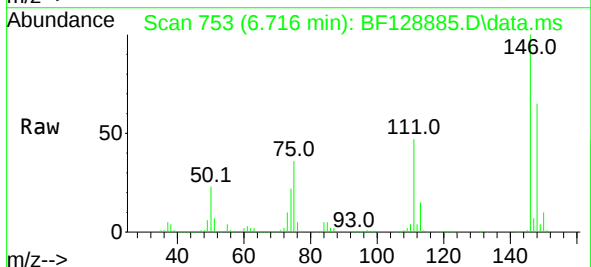
Tgt Ion: 93 Resp: 371472
Ion Ratio Lower Upper
93 100
63 85.8 67.4 107.4
95 32.6 12.7 52.7

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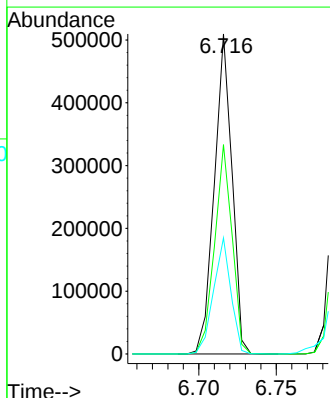
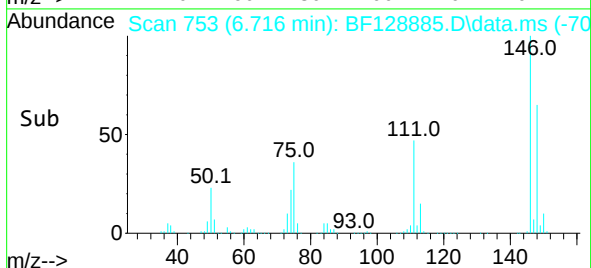
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022

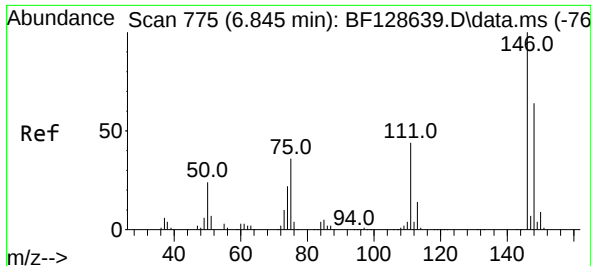


#12
1,3-Dichlorobenzene
Concen: 49.407 ng
RT: 6.716 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18



Tgt Ion:146 Resp: 404370
Ion Ratio Lower Upper
146 100
148 65.4 50.6 75.8
75 36.3 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 50.363 ng

RT: 6.792 min Scan# 70

Delta R.T. -0.000 min

Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

Instrument :

BNA_F

ClientSampleId :

WC-SO-20220609MSD

Tgt Ion:146 Resp: 41629

Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

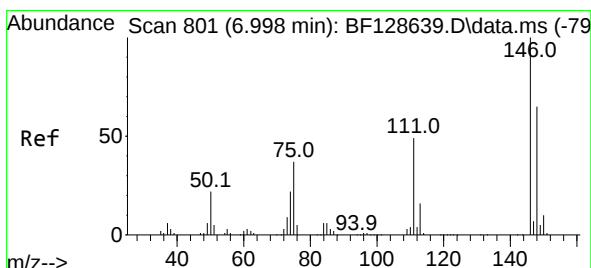
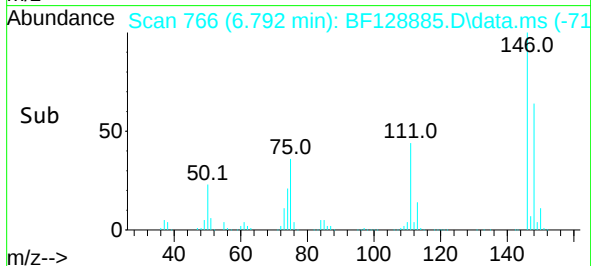
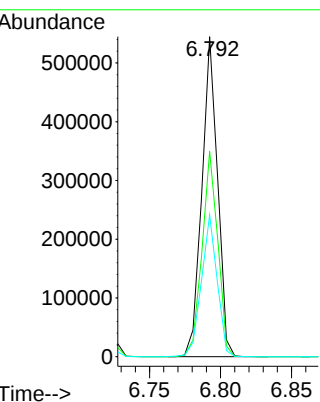
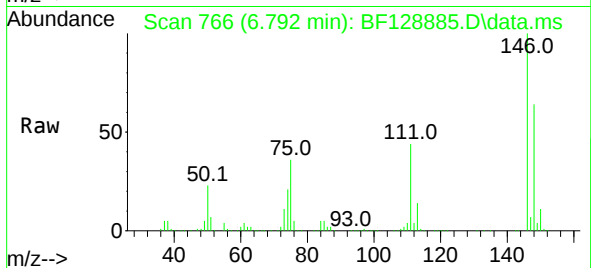
111 44.3 34.2 51.4

Manual Integrations

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Reviewed By :Christian Giraldo 06/21/2022

Supervised By :Jagrut Upadhyay 06/21/2022



#14

1,2-Dichlorobenzene

Concen: 51.376 ng

RT: 6.945 min Scan# 792

Delta R.T. -0.006 min

Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

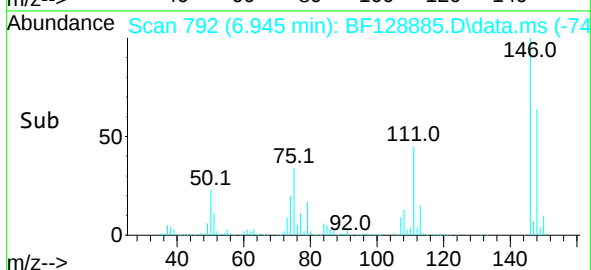
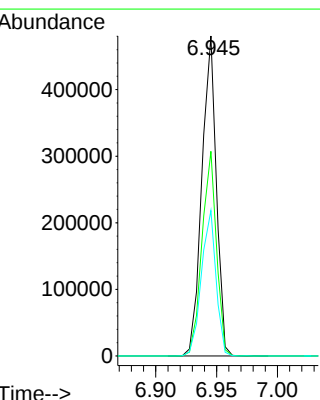
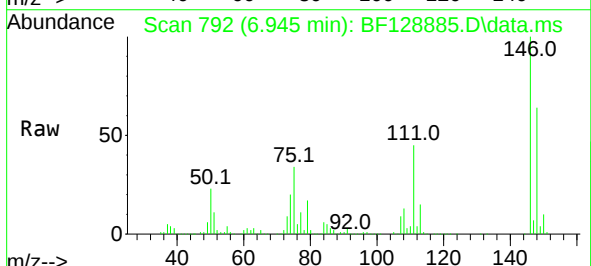
Tgt Ion:146 Resp: 397249

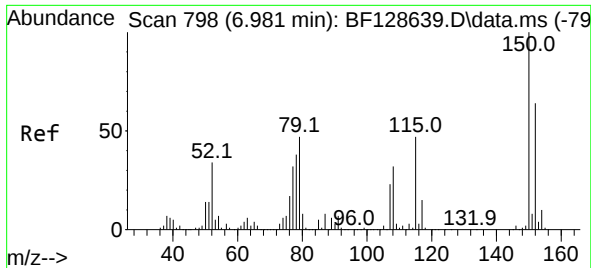
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

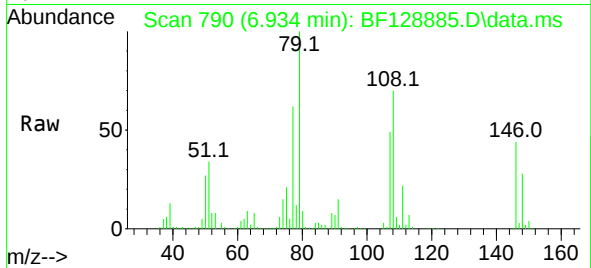
111 45.5 35.1 52.7





#15
Benzyl Alcohol
Concen: 51.954 ng
RT: 6.934 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

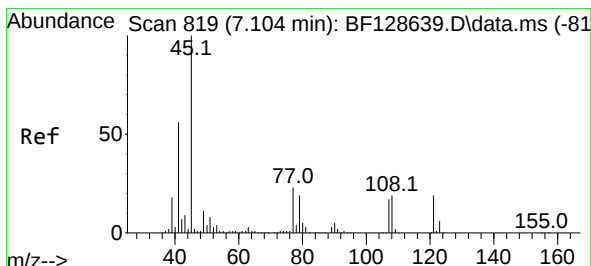
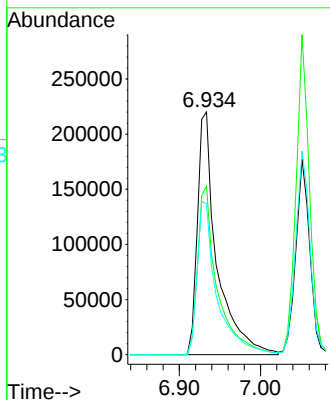
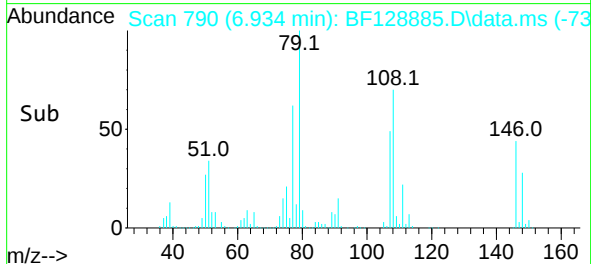
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



Tgt Ion: 79 Resp: 36712
Ion Ratio Lower Upper
79 100
108 69.5 61.8 92.6
77 62.2 50.2 75.4

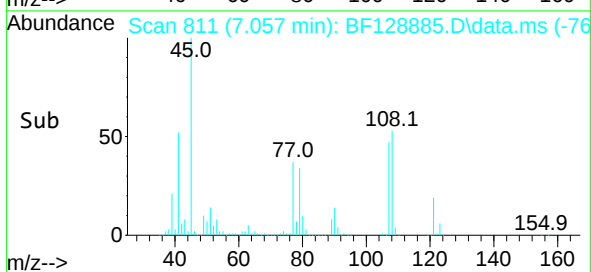
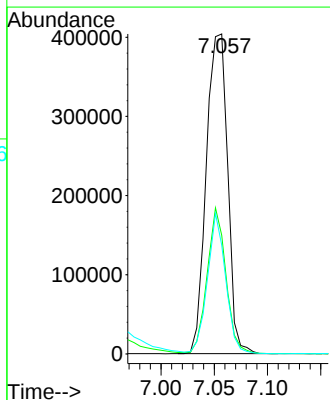
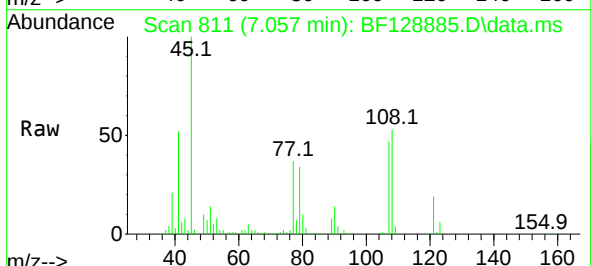
Manual Integrations
APPROVED

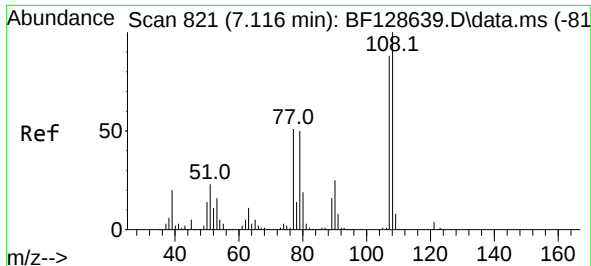
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.357 ng
RT: 7.057 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

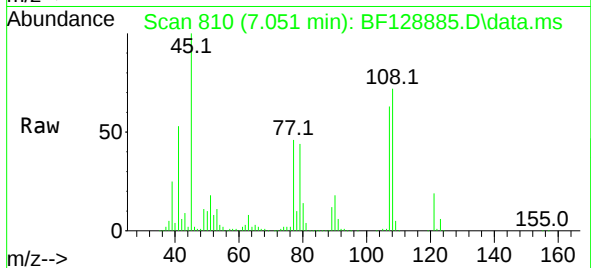
Tgt Ion: 45 Resp: 564325
Ion Ratio Lower Upper
45 100
77 37.1 0.0 31.3#
79 34.0 0.0 28.3#





#17
2-Methylphenol
Concen: 52.295 ng
RT: 7.051 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

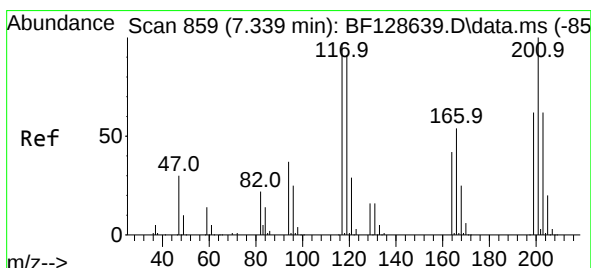
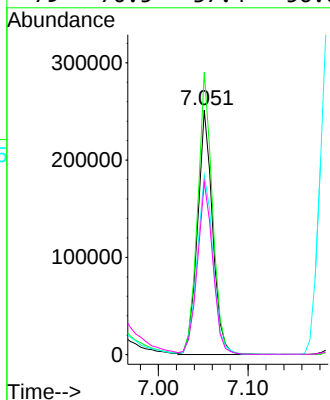
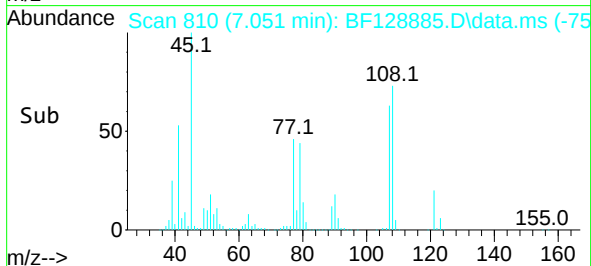
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



Tgt Ion:107 Resp: 292610
Ion Ratio Lower Upper
107 100
108 115.4 91.9 137.9
77 73.4 37.8 56.8
79 70.5 37.4 56.0

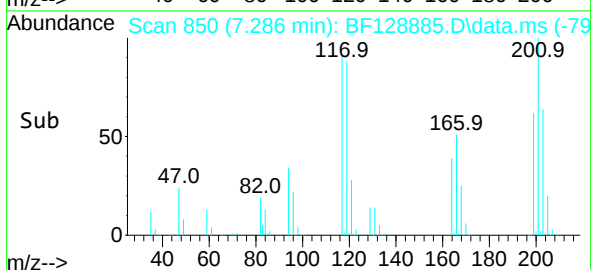
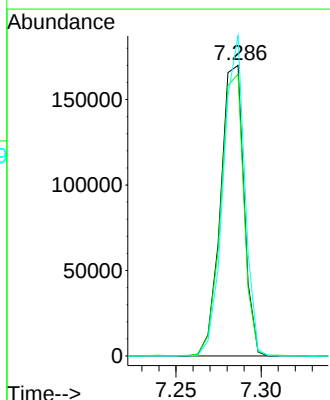
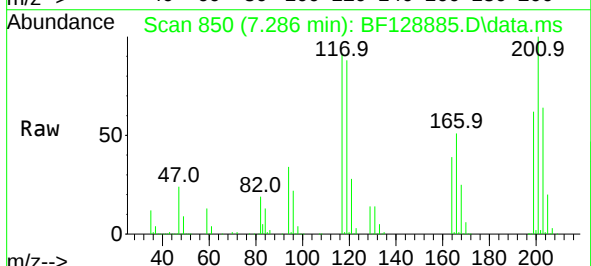
Manual Integrations
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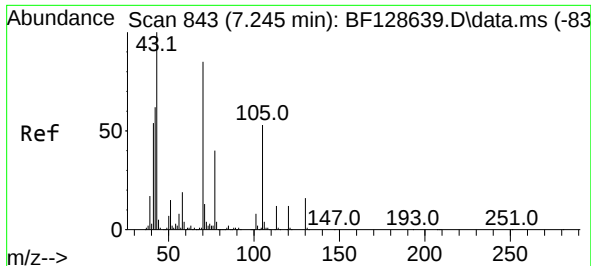
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#18
Hexachloroethane
Concen: 52.670 ng
RT: 7.286 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

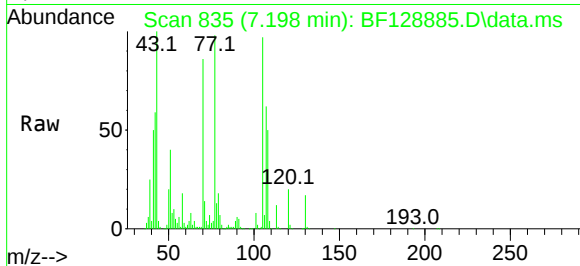
Tgt Ion:117 Resp: 161974
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.2
201 110.1 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 56.806 ng
RT: 7.198 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

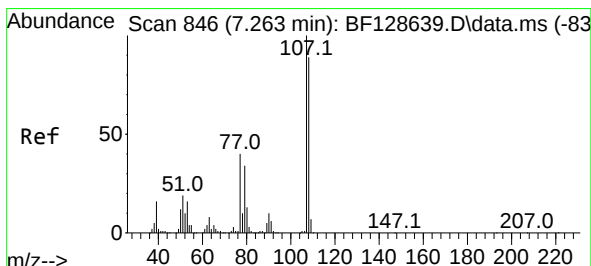
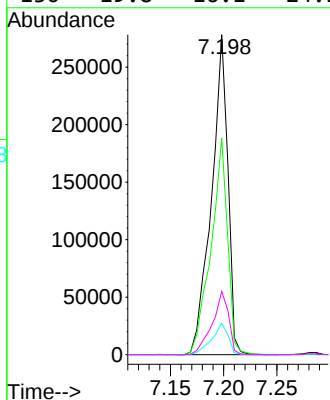
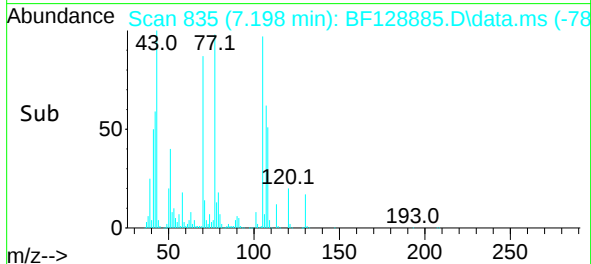
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



Tgt Ion: 70 Resp: 298294
Ion Ratio Lower Upper
70 100
42 67.8 52.3 78.5
101 9.8 7.5 11.3
130 19.8 16.1 24.1

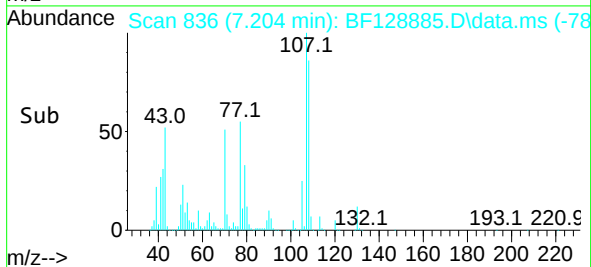
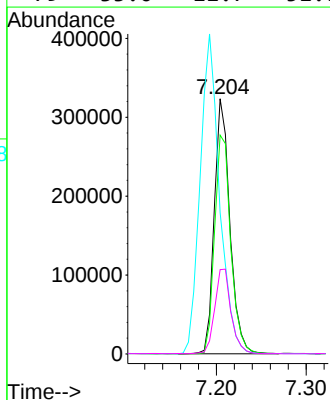
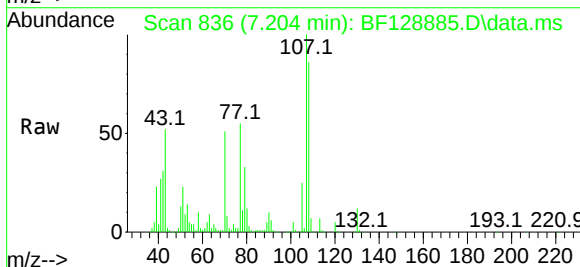
Manual Integrations
APPROVED

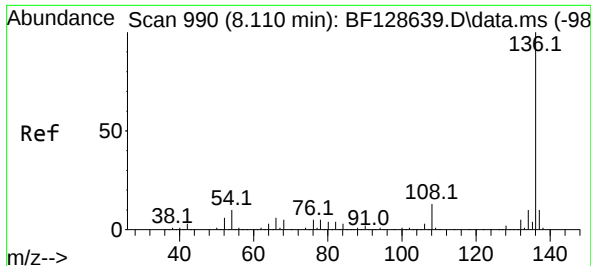
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#20
3+4-Methylphenols
Concen: 52.172 ng
RT: 7.204 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

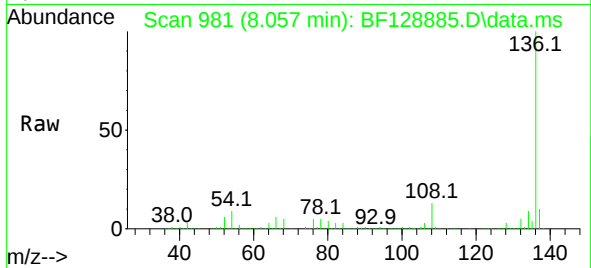
Tgt Ion:107 Resp: 389728
Ion Ratio Lower Upper
107 100
108 85.8 71.8 111.8
77 55.4 59.3 99.3#
79 33.0 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

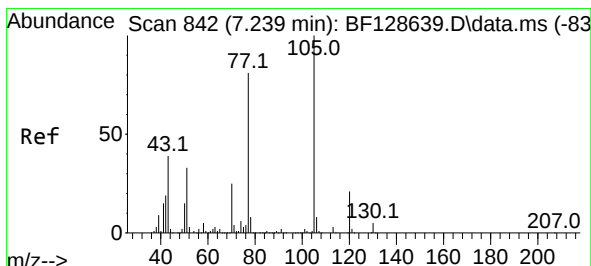
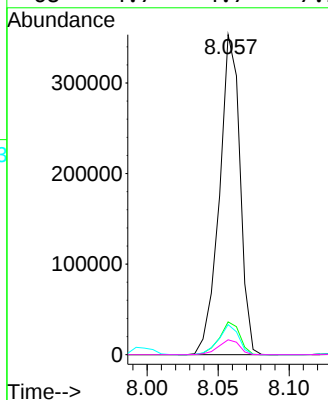
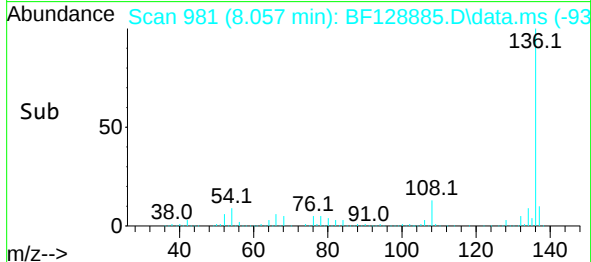
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



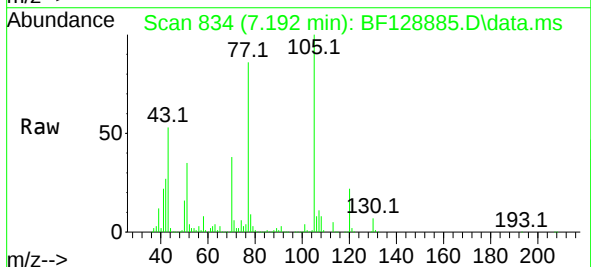
Tgt Ion:136 Resp: 35572
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 9.4 7.5 11.3
68 4.7 4.7 7.1#

Manual Integrations
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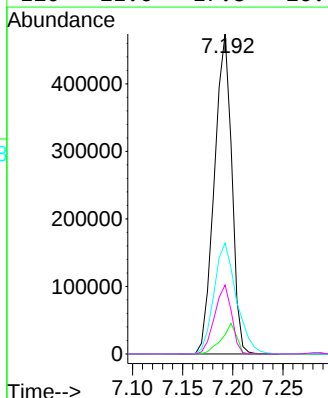
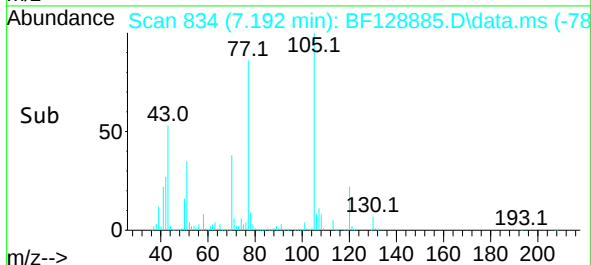
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#22
Acetophenone
Concen: 61.398 ng
RT: 7.192 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18



Tgt Ion:105 Resp: 571237
Ion Ratio Lower Upper
105 100
71 6.0 5.0 7.4
51 34.7 25.0 37.4
120 21.6 17.8 26.8





#23

Nitrobenzene-d5

Concen: 112.799 ng

RT: 7.345 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

Instrument :

BNA_F

ClientSampleId :

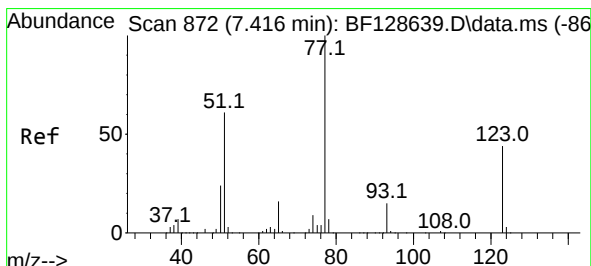
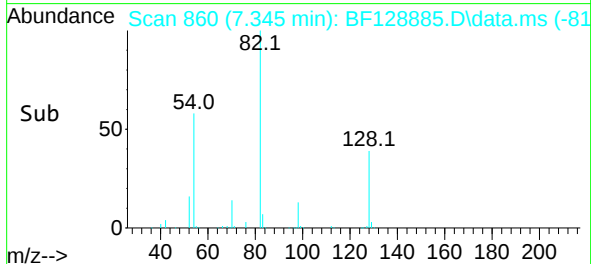
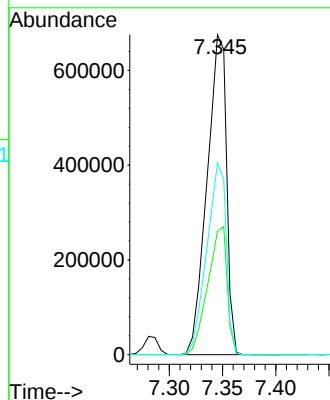
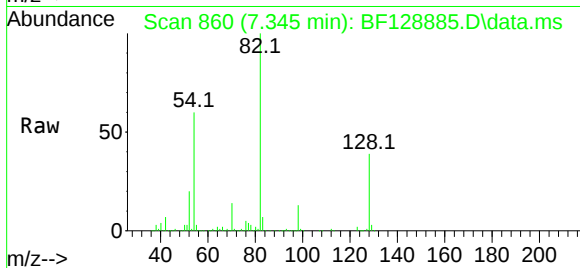
WC-SO-20220609MSD

Tgt Ion: 82 Resp: 861825
 Ion Ratio Lower Upper
 82 100
 128 38.5 34.0 51.0
 54 59.9 46.9 70.3

Manual Integrations

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Reviewed By :Christian Giraldo 06/21/2022
 Supervised By :Jagrut Upadhyay 06/21/2022



#24

Nitrobenzene

Concen: 62.480 ng

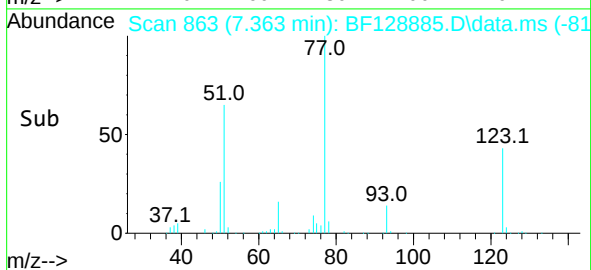
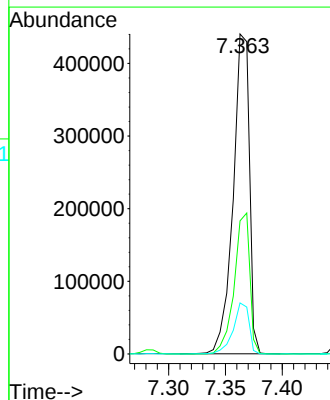
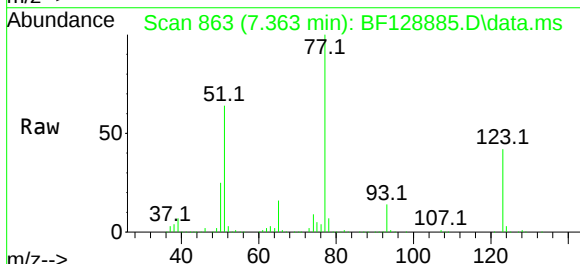
RT: 7.363 min Scan# 863

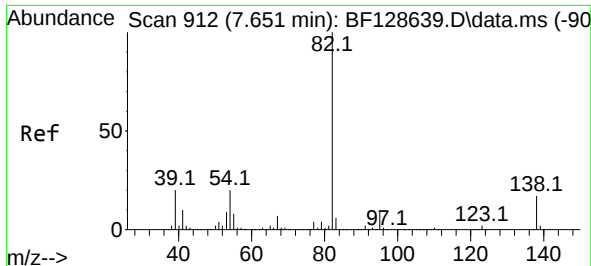
Delta R.T. -0.006 min

Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

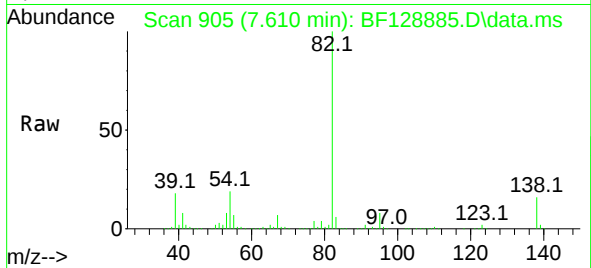
Tgt Ion: 77 Resp: 438255
 Ion Ratio Lower Upper
 77 100
 123 41.6 35.4 53.2
 65 16.0 11.8 17.8





#25
Isophorone
Concen: 66.942 ng
RT: 7.610 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

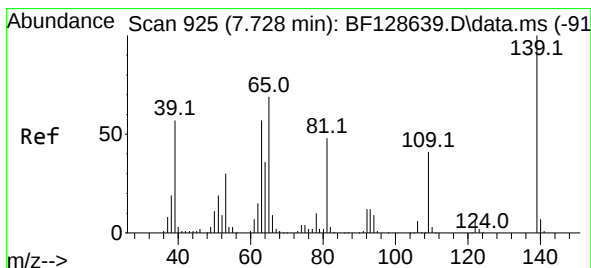
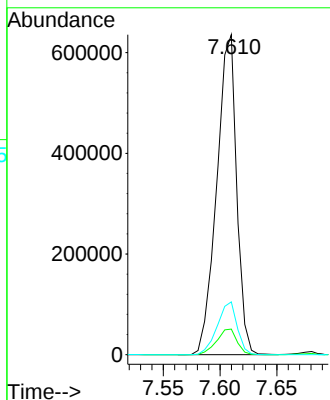
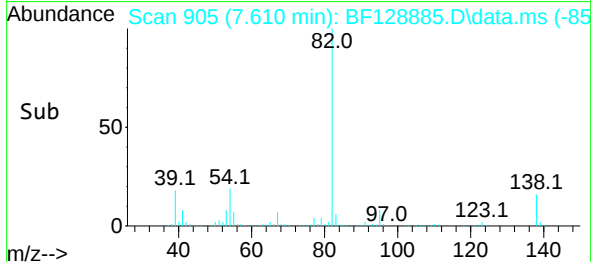
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



Tgt Ion: 82 Resp: 776799
Ion Ratio Lower Upper
82 100
95 8.0 5.7 8.5
138 16.5 14.2 21.2

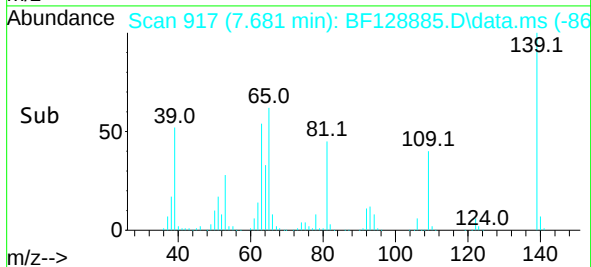
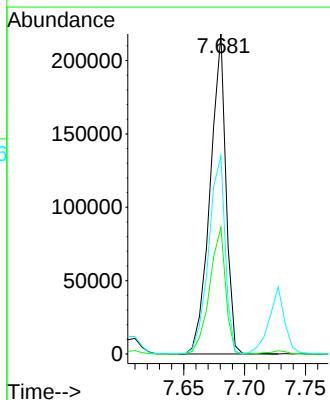
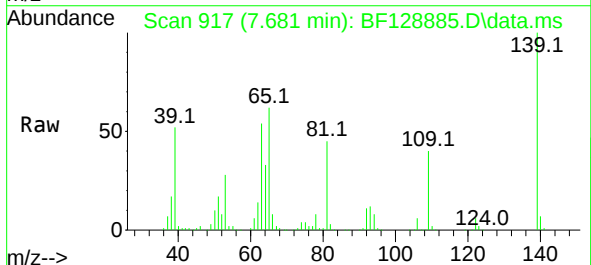
Manual Integrations
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Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#26
2-Nitrophenol
Concen: 63.516 ng
RT: 7.681 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

Tgt Ion:139 Resp: 196294
Ion Ratio Lower Upper
139 100
109 39.6 25.0 37.4#
65 62.0 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 69.257 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128885.D

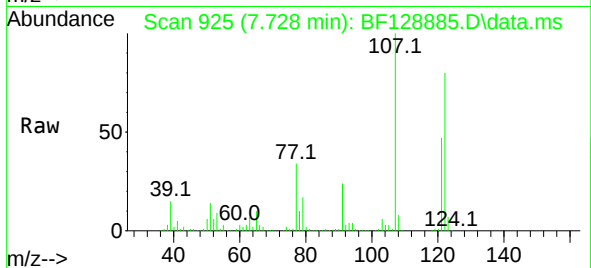
Acq: 20 Jun 2022 19:18

Instrument :

BNA_F

ClientSampleId :

WC-SO-20220609MSD



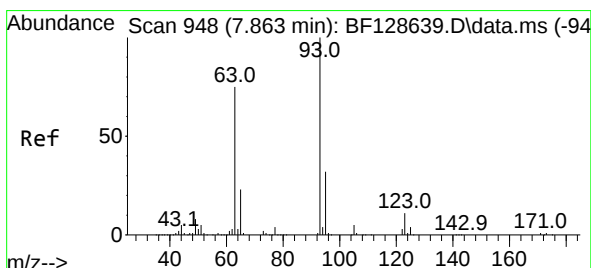
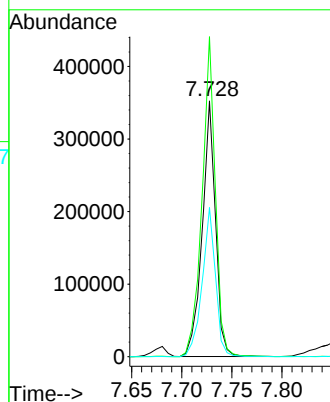
Tgt Ion:122 Resp: 326040
 Ion Ratio Lower Upper
 122 100
 107 125.1 93.0 139.6
 121 58.3 46.6 70.0

Manual Integrations

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Reviewed By :Christian Giraldo 06/21/2022

Supervised By :Jagrut Upadhyay 06/21/2022



#28

bis(2-Chloroethoxy)methane

Concen: 52.828 ng

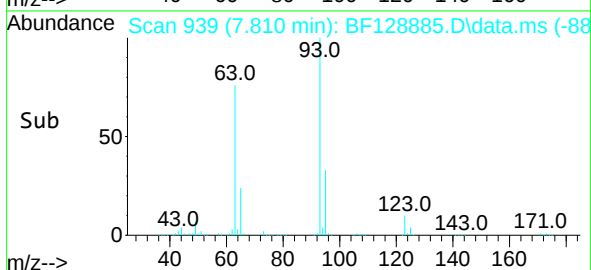
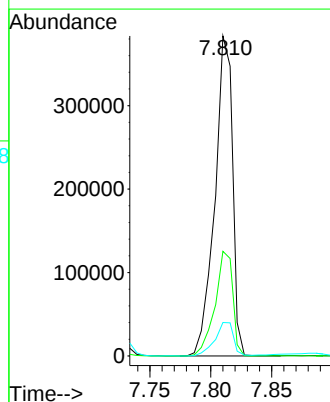
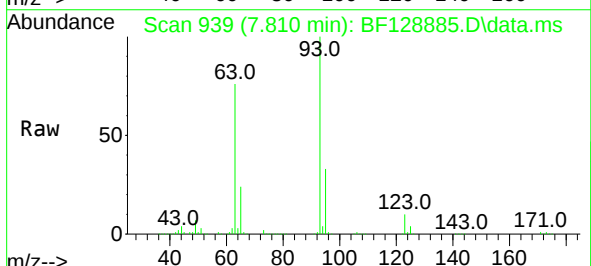
RT: 7.810 min Scan# 939

Delta R.T. -0.006 min

Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

Tgt Ion: 93 Resp: 387523
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.8 40.2
 123 10.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 52.195 ng

RT: 7.933 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

Instrument :

BNA_F

ClientSampleId :

WC-SO-20220609MSD

Tgt Ion:162 Resp: 28439

Ion Ratio Lower Upper

162 100

164 64.2 44.2 84.2

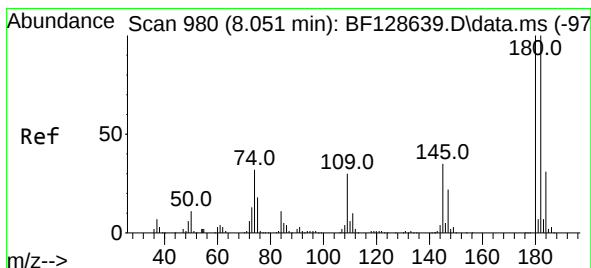
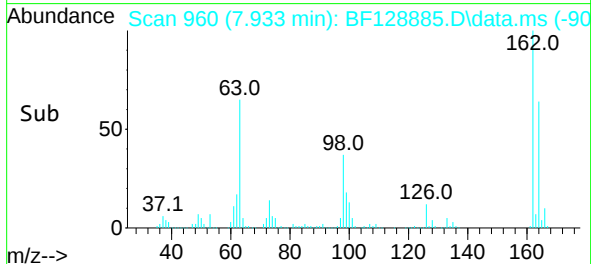
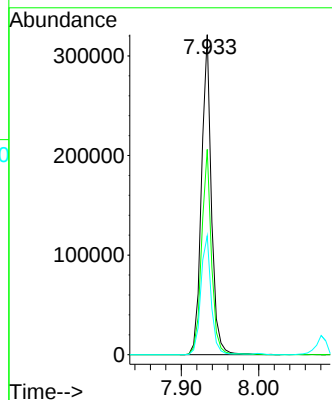
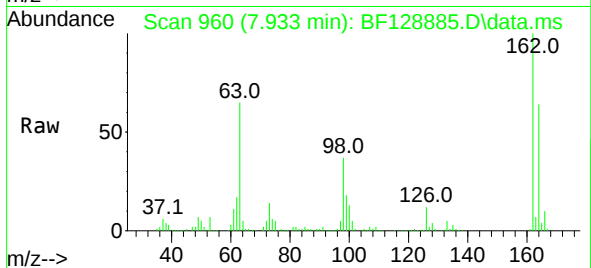
98 37.1 19.6 59.6

Manual Integrations

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Reviewed By :Christian Giraldo 06/21/2022

Supervised By :Jagrut Upadhyay 06/21/2022



#30

1,2,4-Trichlorobenzene

Concen: 49.780 ng

RT: 7.998 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

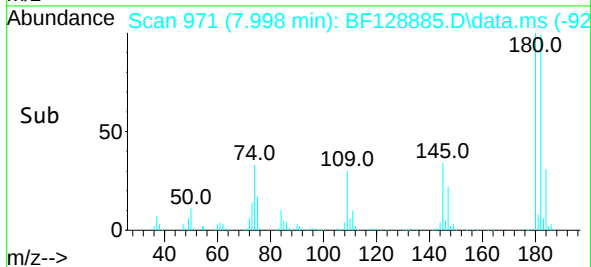
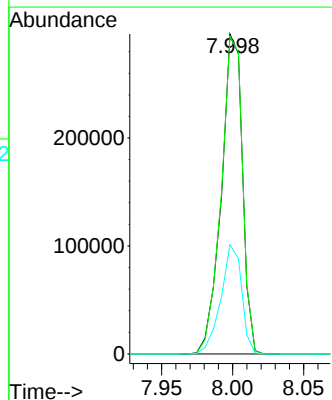
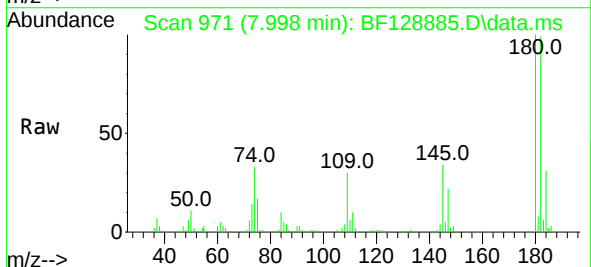
Tgt Ion:180 Resp: 305408

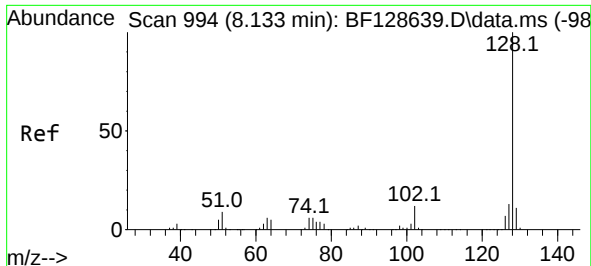
Ion Ratio Lower Upper

180 100

182 99.3 79.2 118.8

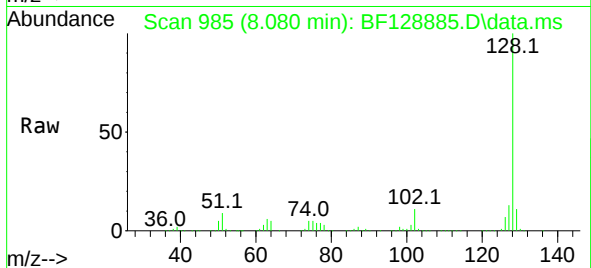
145 34.2 26.2 39.2





#31
Naphthalene
Concen: 52.323 ng
RT: 8.080 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

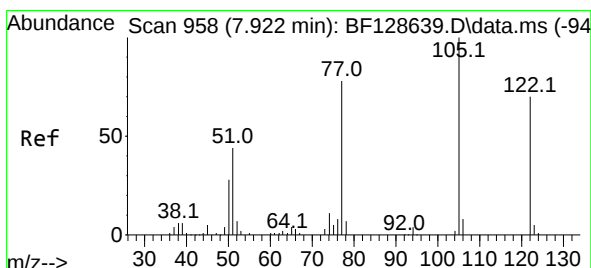
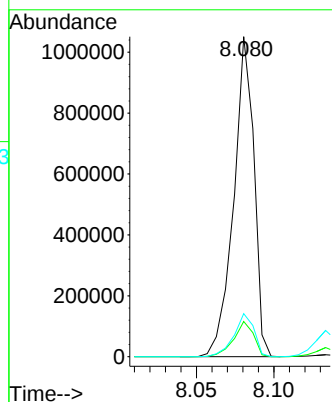
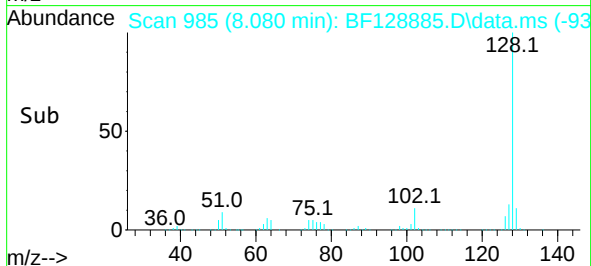
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



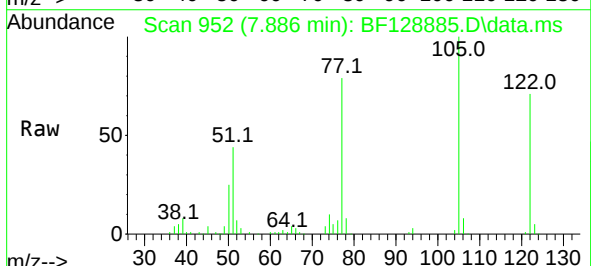
Tgt Ion:128 Resp: 95520
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.4 10.5 15.7

Manual Integrations
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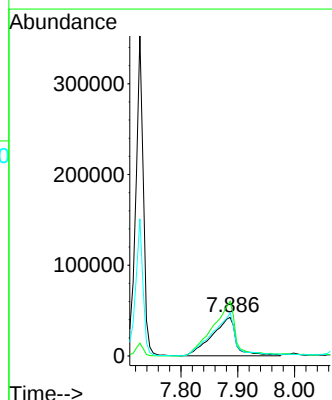
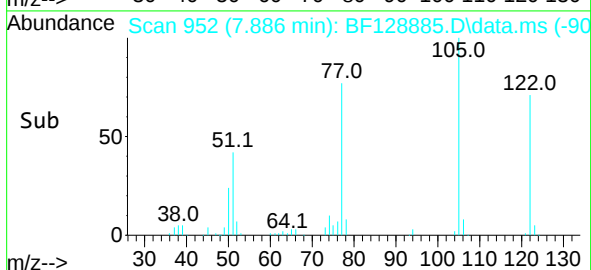
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022

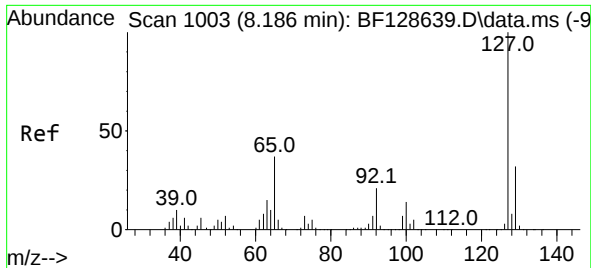


#32
Benzoic acid
Concen: 37.722 ng
RT: 7.886 min Scan# 952
Delta R.T. 0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18



Tgt Ion:122 Resp: 125993
Ion Ratio Lower Upper
122 100
105 141.8 107.1 147.1
77 112.2 74.2 114.2





#33
4-Chloroaniline
Concen: 19.000 ng
RT: 8.133 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

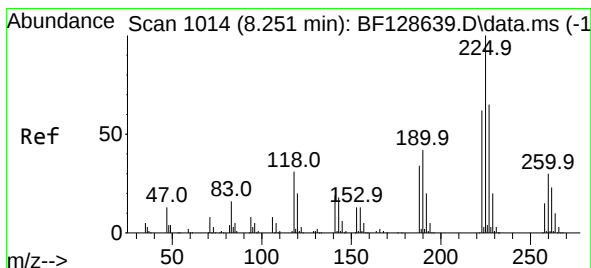
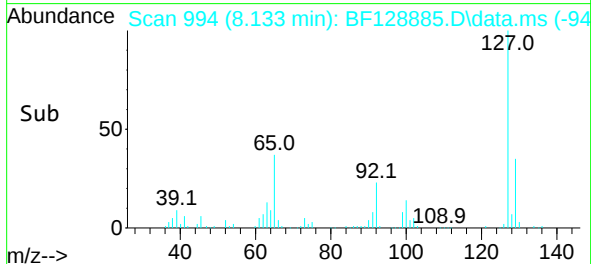
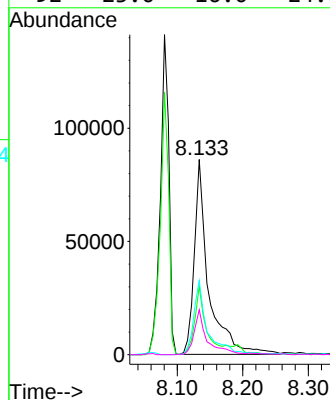
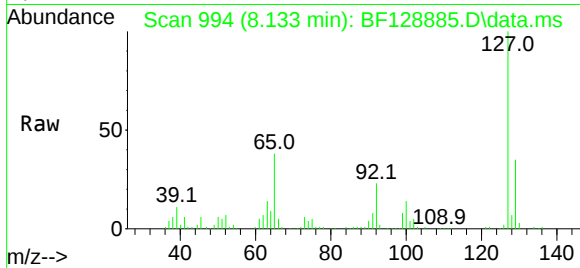
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD

Tgt Ion:127 Resp: 130770

Ion	Ratio	Lower	Upper
127	100		
129	35.1	26.4	39.6
65	38.0	26.4	39.6
92	23.0	16.0	24.0

Manual Integrations
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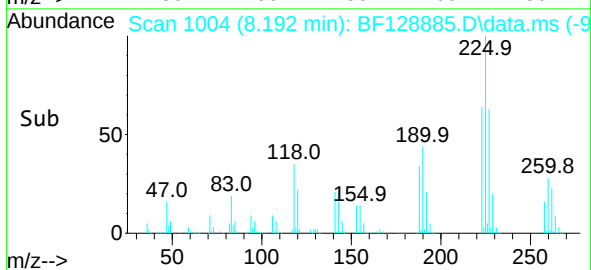
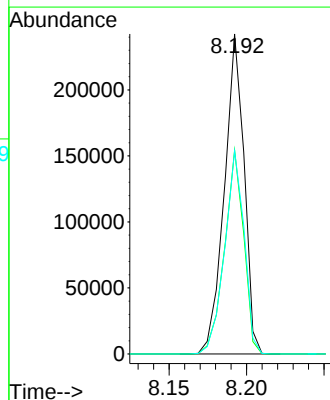
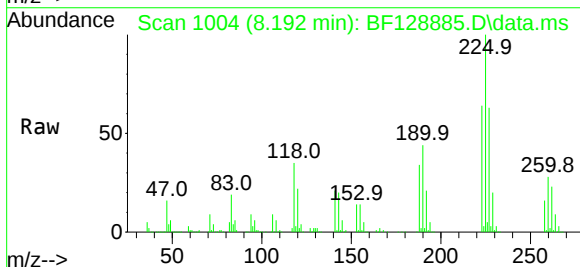
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022

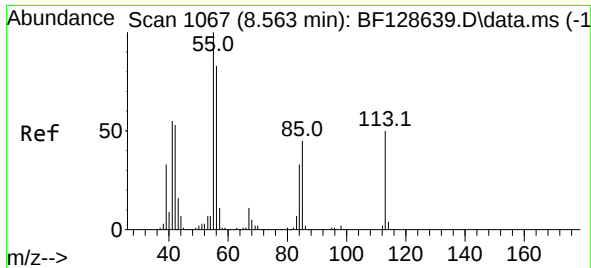


#34
Hexachlorobutadiene
Concen: 49.208 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

Tgt Ion:225 Resp: 214105

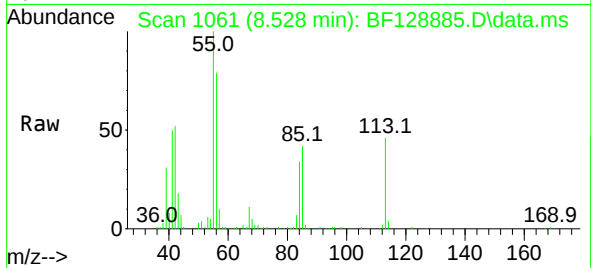
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	63.5	51.1	76.7





#35
 Caprolactam
 Concen: 42.377 ng m
 RT: 8.528 min Scan# 1061
 Delta R.T. 0.012 min
 Lab File: BF128885.D
 Acq: 20 Jun 2022 19:18

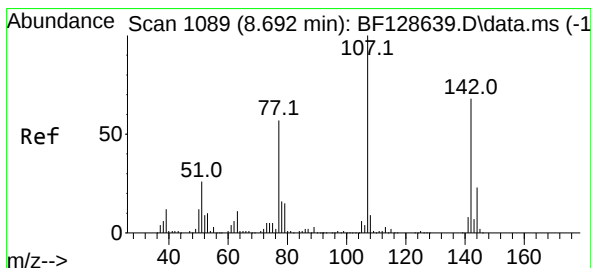
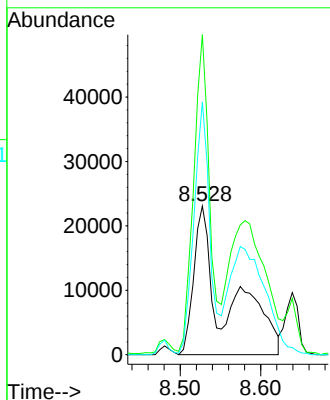
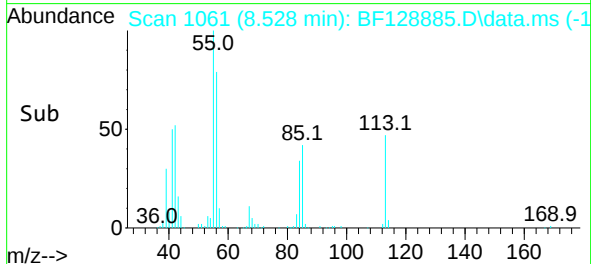
Instrument :
 BNA_F
 ClientSampleId :
 WC-SO-20220609MSD



Tgt Ion:113 Resp: 63849
 Ion Ratio Lower Upper
 113 100
 55 215.3 188.5 228.5
 56 170.1 130.6 170.6

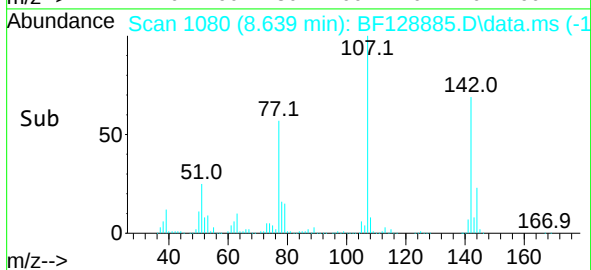
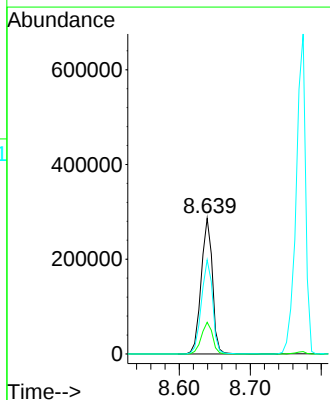
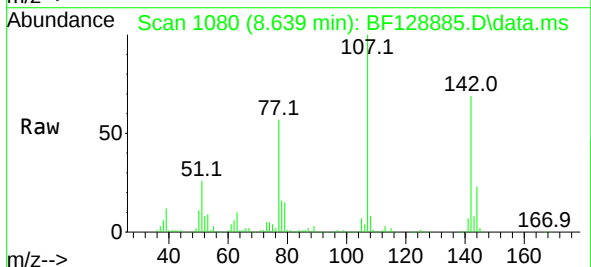
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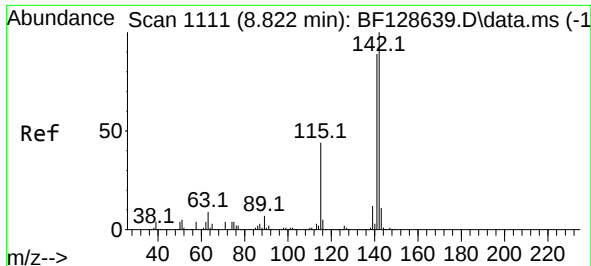
Reviewed By :Christian Giraldo 06/21/2022
 Supervised By :Jagrut Upadhyay 06/21/2022



#36
 4-Chloro-3-methylphenol
 Concen: 53.263 ng
 RT: 8.639 min Scan# 1080
 Delta R.T. -0.000 min
 Lab File: BF128885.D
 Acq: 20 Jun 2022 19:18

Tgt Ion:107 Resp: 316723
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.5 29.3
 142 69.3 58.2 87.4





#37

2-Methylnaphthalene

Concen: 53.624 ng

RT: 8.775 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

Instrument :

BNA_F

ClientSampleId :

WC-SO-20220609MSD

Tgt Ion:142 Resp: 622670

Ion Ratio Lower Upper

142 100

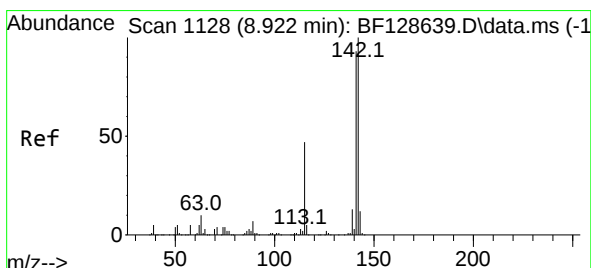
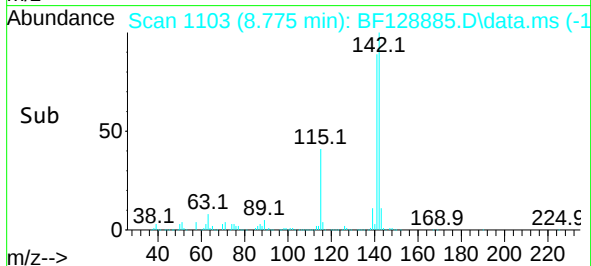
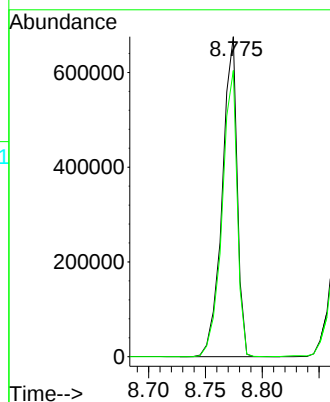
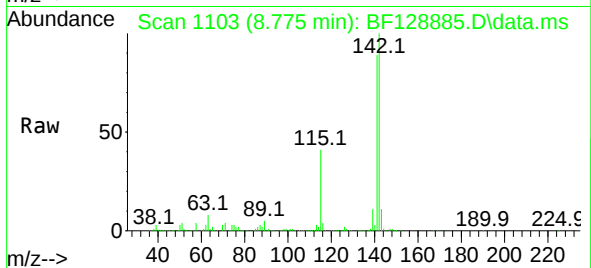
141 89.5 71.0 106.4

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Reviewed By :Christian Giraldo 06/21/2022

Supervised By :Jagrut Upadhyay 06/21/2022



#38

1-Methylnaphthalene

Concen: 53.085 ng

RT: 8.875 min Scan# 1120

Delta R.T. -0.000 min

Lab File: BF128885.D

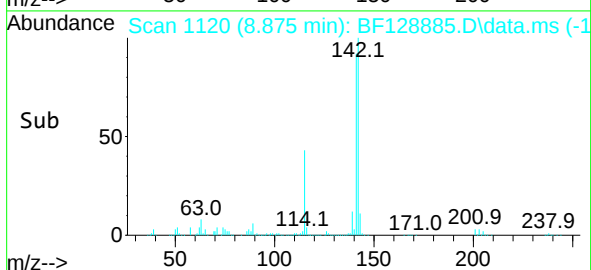
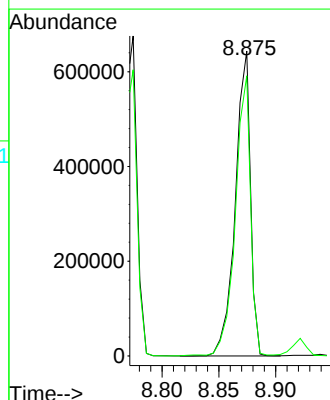
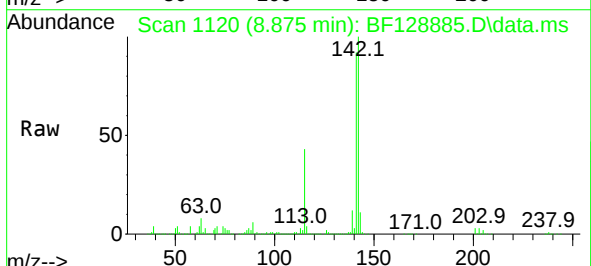
Acq: 20 Jun 2022 19:18

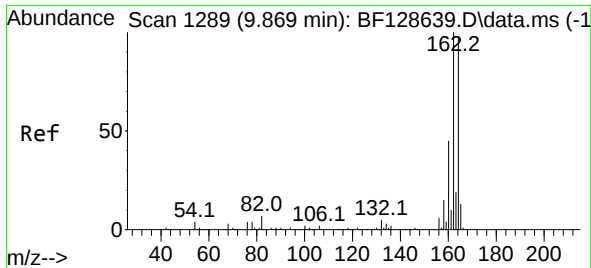
Tgt Ion:142 Resp: 595556

Ion Ratio Lower Upper

142 100

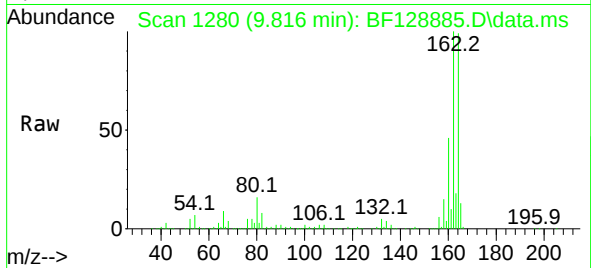
141 91.9 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1130
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

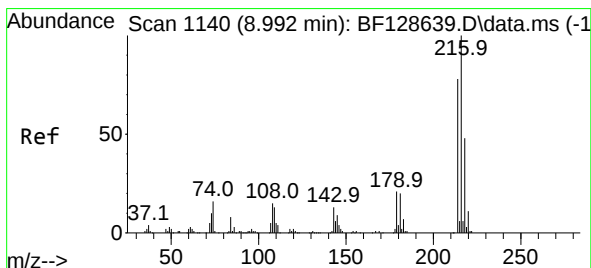
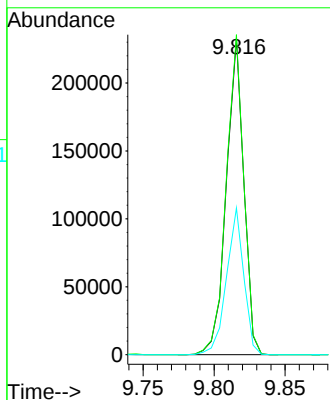
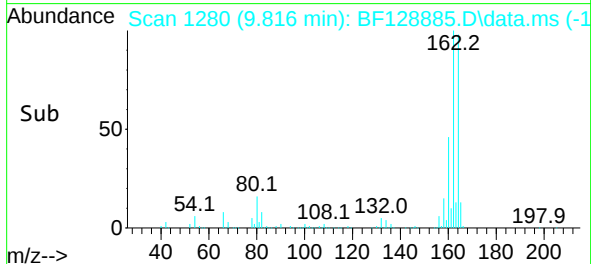
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



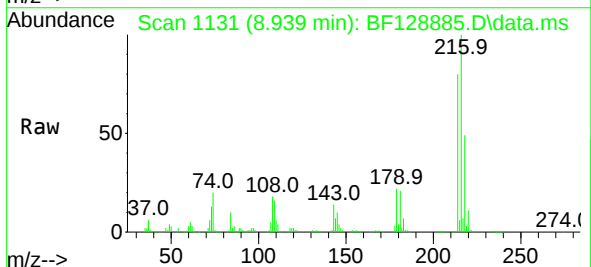
Tgt Ion:164 Resp: 198969
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 46.4 34.2 51.4

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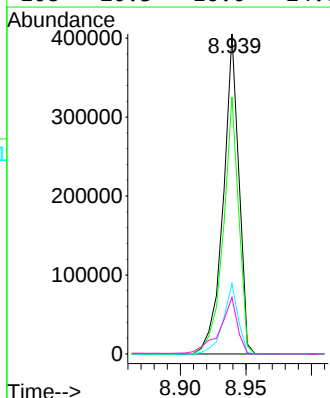
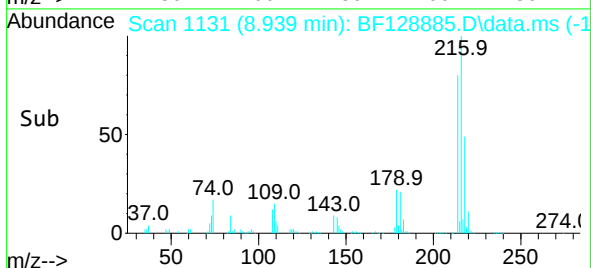
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.980 ng
RT: 8.939 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18



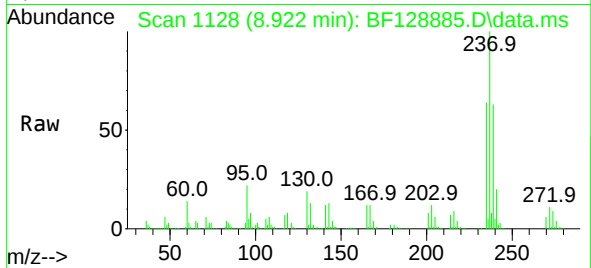
Tgt Ion:216 Resp: 333562
Ion Ratio Lower Upper
216 100
214 79.4 63.6 95.4
179 21.0 17.0 25.6
108 20.3 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 69.544 ng
RT: 8.922 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

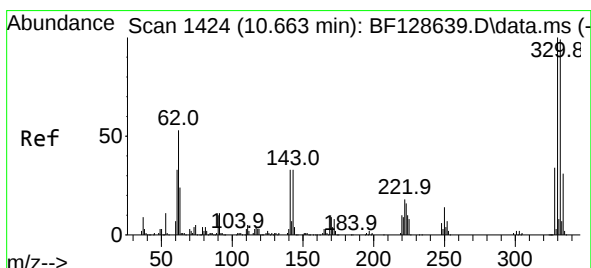
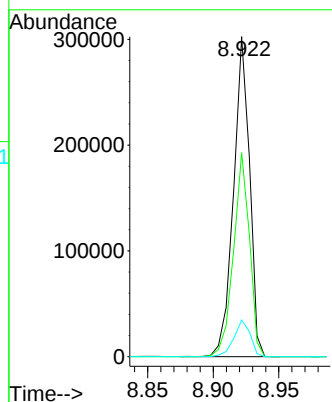
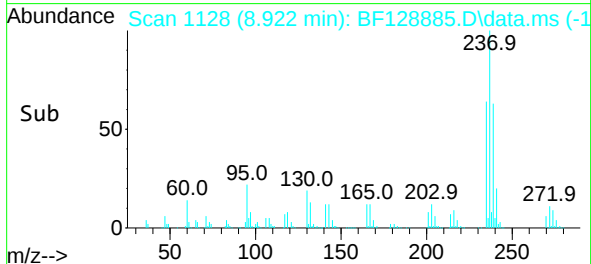
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



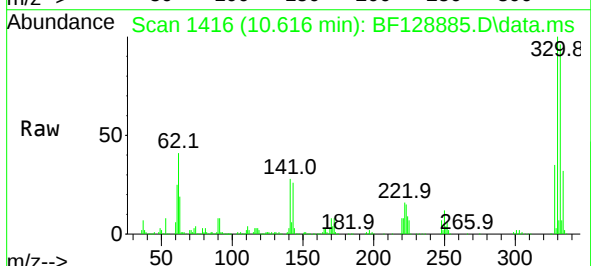
Tgt Ion:237 Resp: 258318
Ion Ratio Lower Upper
237 100
235 63.8 43.2 83.2
272 11.4 0.0 31.9

Manual Integrations
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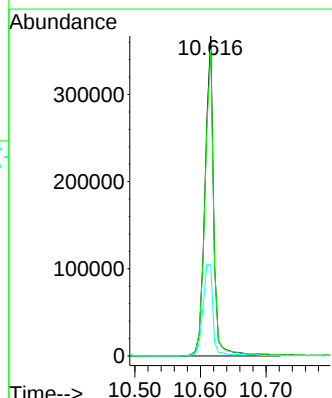
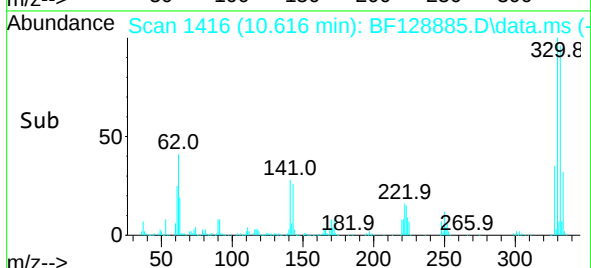
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022

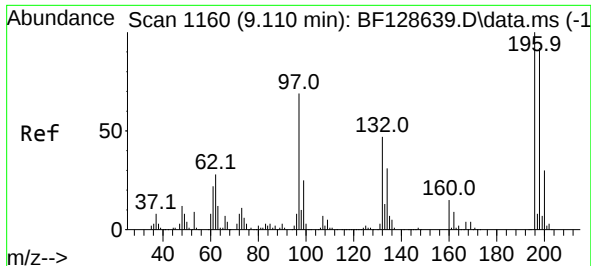


#42
2,4,6-Tribromophenol
Concen: 144.031 ng
RT: 10.616 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18



Tgt Ion:330 Resp: 338605
Ion Ratio Lower Upper
330 100
332 95.7 76.8 115.2
141 33.2 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 50.227 ng

RT: 9.063 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

Instrument :

BNA_F

ClientSampleId :

WC-SO-20220609MSD

Tgt Ion:196 Resp: 209880

Ion Ratio Lower Upper

196 100

198 96.7 74.0 111.0

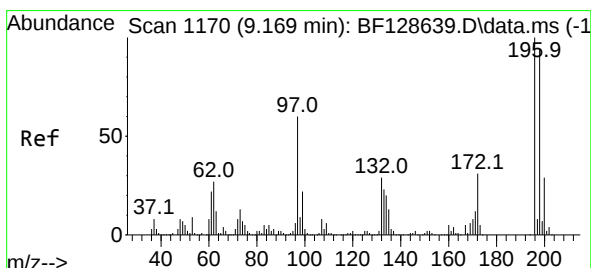
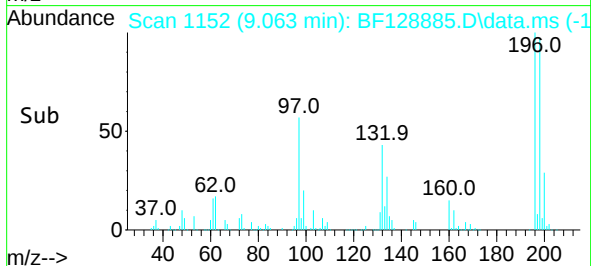
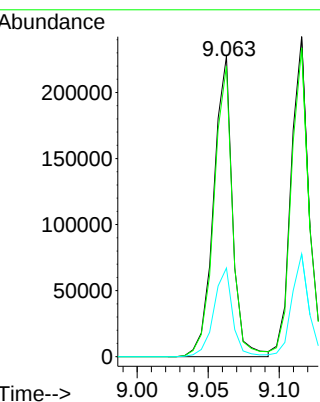
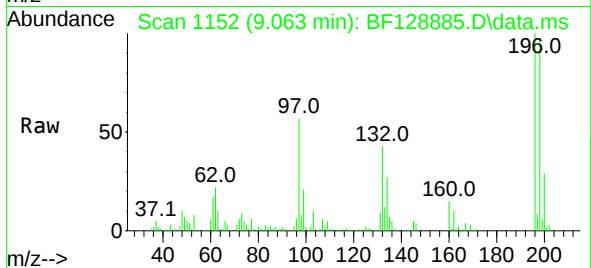
200 29.5 24.1 36.1

Manual Integrations

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Reviewed By :Christian Giraldo 06/21/2022

Supervised By :Jagrut Upadhyay 06/21/2022



#44

2,4,5-Trichlorophenol

Concen: 49.729 ng

RT: 9.116 min Scan# 1161

Delta R.T. 0.006 min

Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

Tgt Ion:196 Resp: 214755

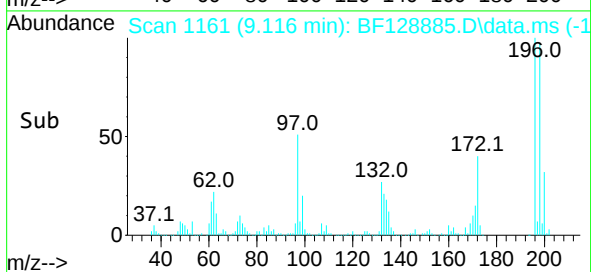
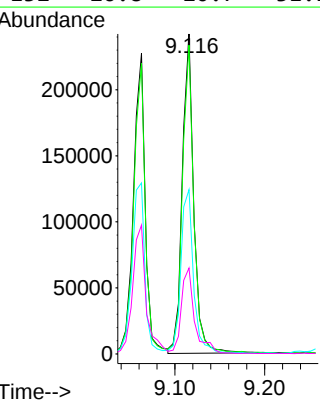
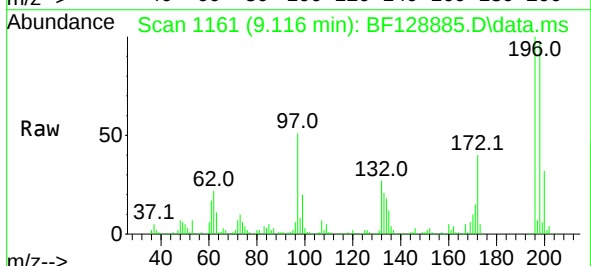
Ion Ratio Lower Upper

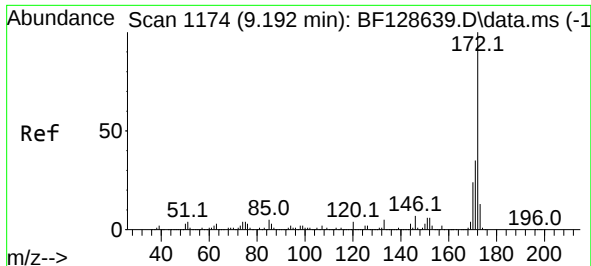
196 100

198 96.5 75.7 113.5

97 51.4 36.4 54.6

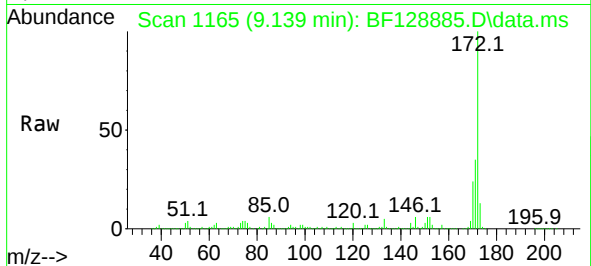
132 26.8 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 100.602 ng
RT: 9.139 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

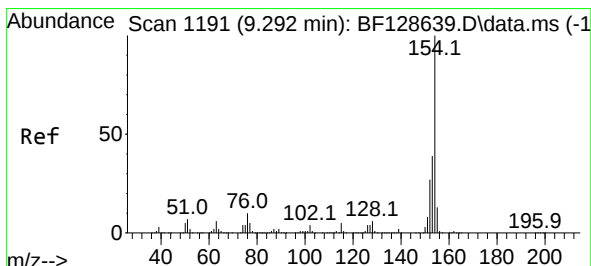
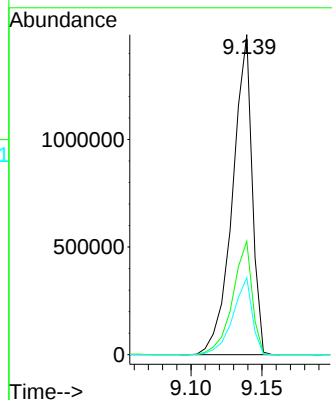
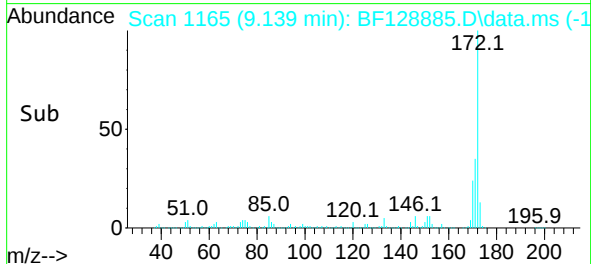
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



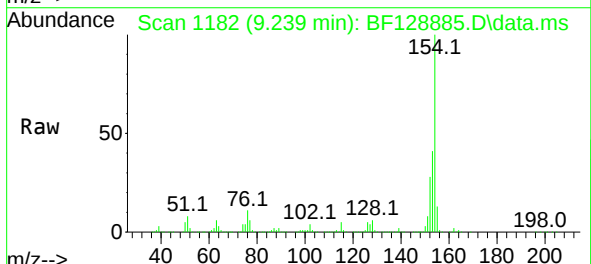
Tgt Ion:172 Resp: 142894
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.1 19.8 29.8

Manual Integrations
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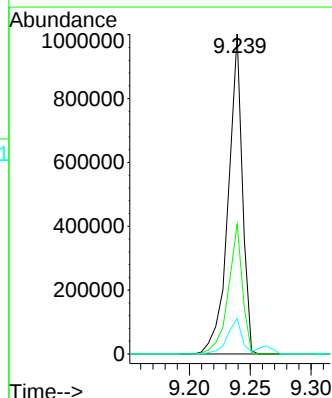
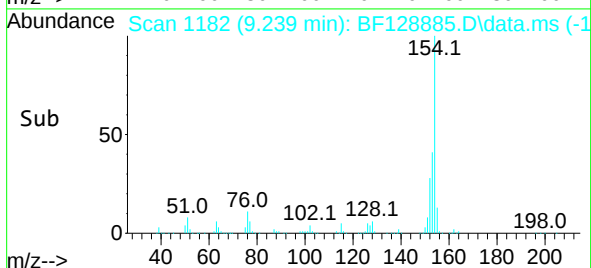
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022

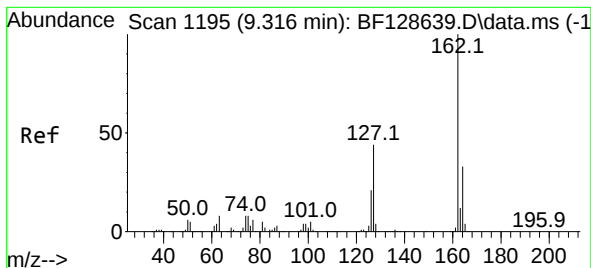


#46
1,1'-Biphenyl
Concen: 54.012 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18



Tgt Ion:154 Resp: 806349
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 11.0 0.0 33.3





#47

2-Chloronaphthalene

Concen: 54.506 ng

RT: 9.263 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

Instrument :

BNA_F

ClientSampleId :

WC-SO-20220609MSD

Tgt Ion:162 Resp: 62092

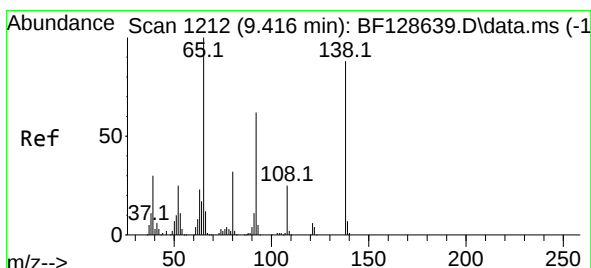
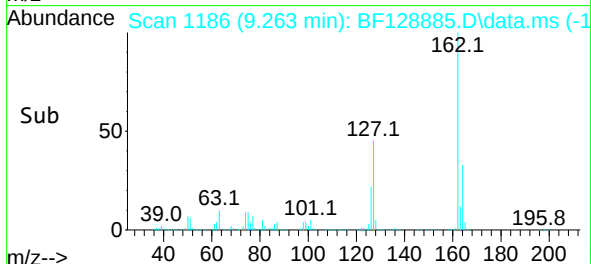
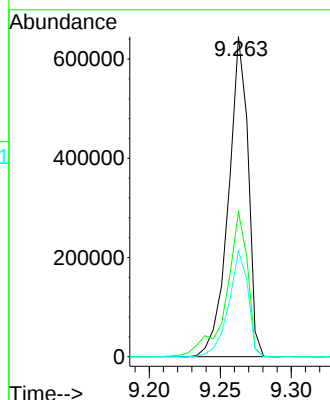
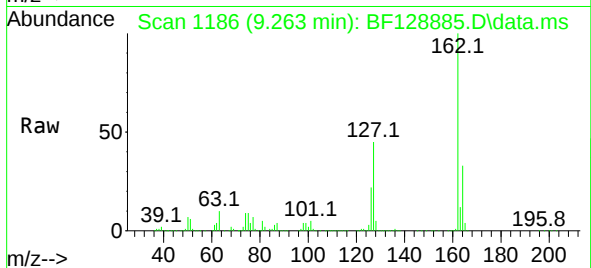
Ion	Ratio	Lower	Upper
162	100		
127	45.2	34.5	51.7
164	33.2	26.5	39.7

Manual Integrations

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Reviewed By :Christian Giraldo 06/21/2022

Supervised By :Jagrut Upadhyay 06/21/2022



#48

2-Nitroaniline

Concen: 56.808 ng

RT: 9.369 min Scan# 1204

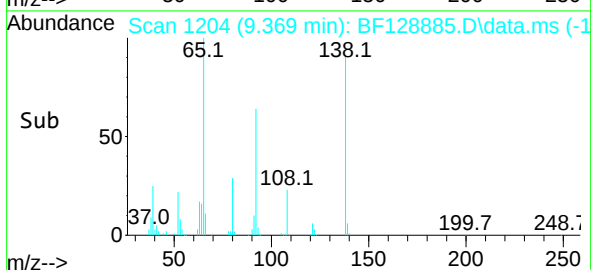
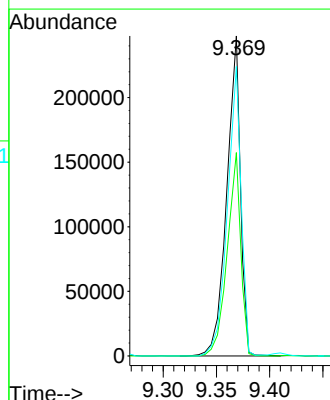
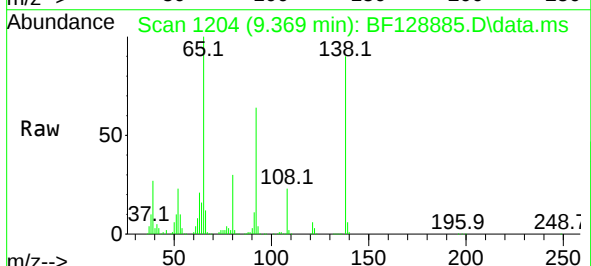
Delta R.T. -0.000 min

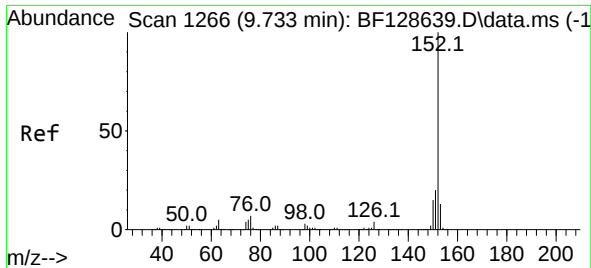
Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

Tgt Ion: 65 Resp: 221292

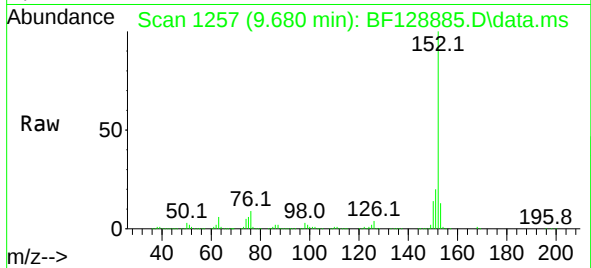
Ion	Ratio	Lower	Upper
65	100		
92	63.5	51.9	77.9
138	90.4	76.4	114.6





#49
Acenaphthylene
Concen: 56.306 ng
RT: 9.680 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

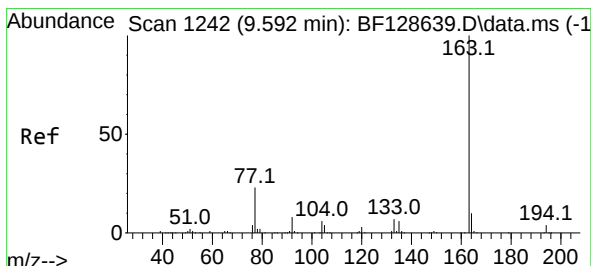
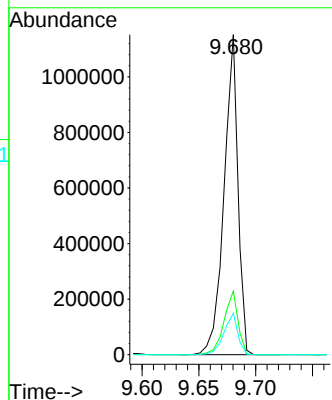
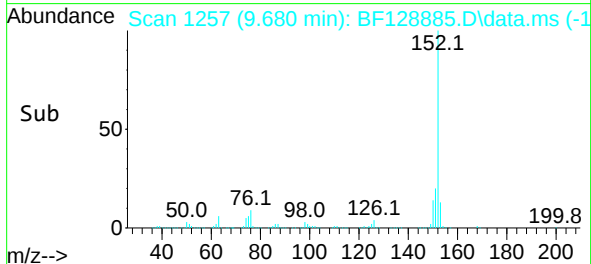
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



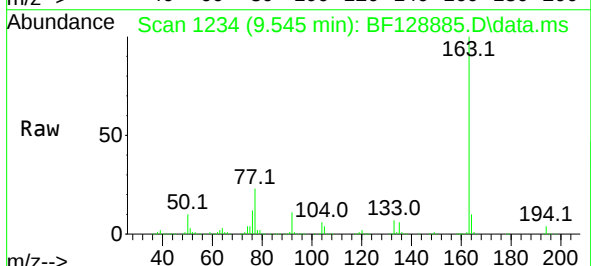
Tgt Ion:152 Resp: 98196
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.9 10.7 16.1

Manual Integrations
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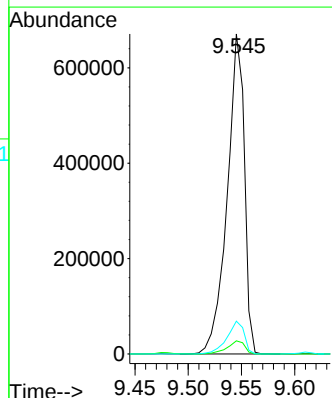
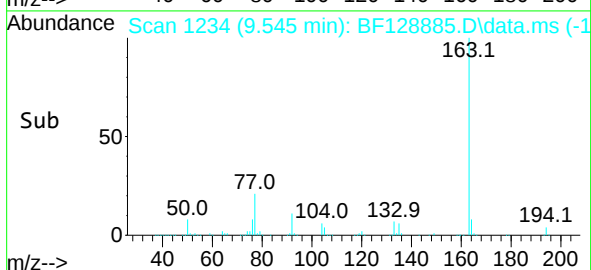
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022

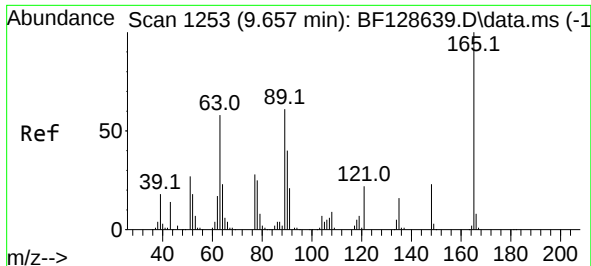


#50
Dimethylphthalate
Concen: 55.172 ng
RT: 9.545 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18



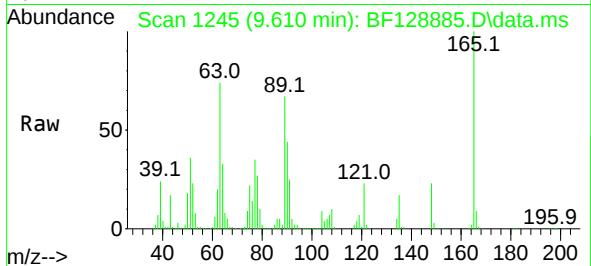
Tgt Ion:163 Resp: 751387
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 60.826 ng
RT: 9.610 min Scan# 1245
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

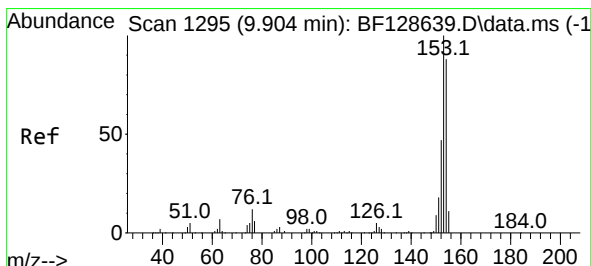
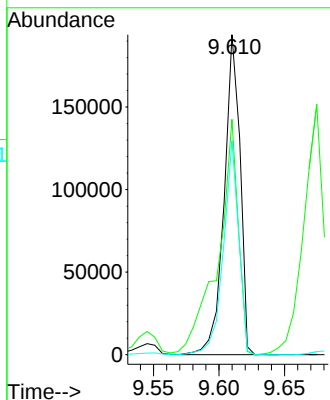
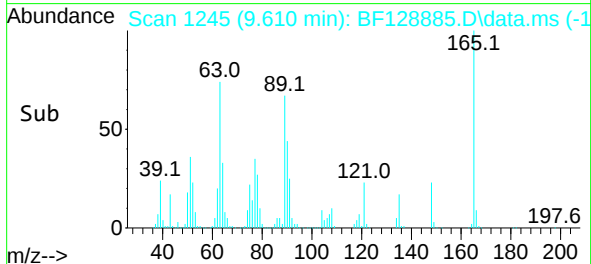
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



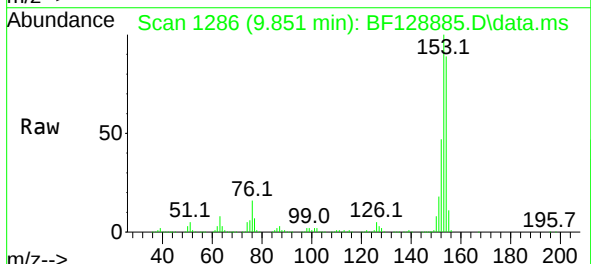
Tgt Ion:165 Resp: 163500
Ion Ratio Lower Upper
165 100
63 73.6 44.9 67.3
89 66.9 43.6 65.4

Manual Integrations
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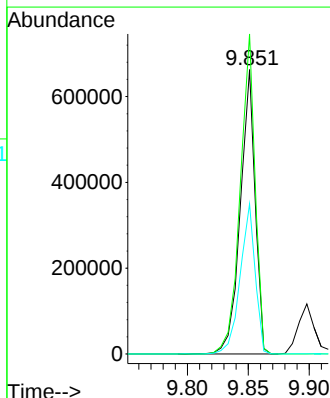
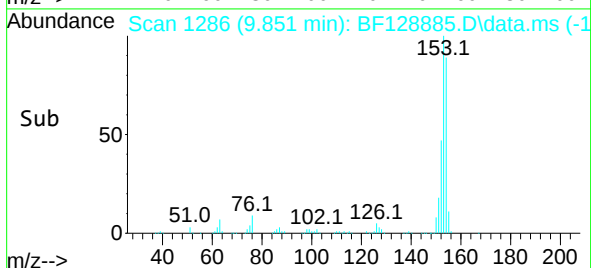
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022

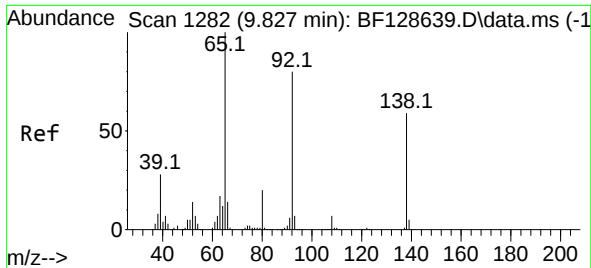


#52
Acenaphthene
Concen: 49.556 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18



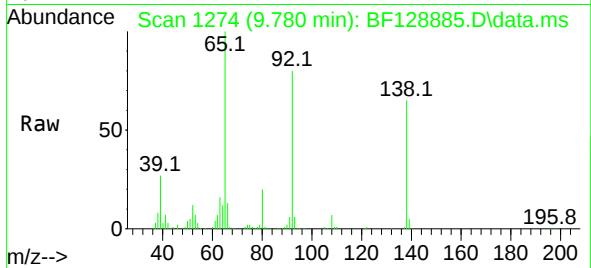
Tgt Ion:154 Resp: 562811
Ion Ratio Lower Upper
154 100
153 112.6 89.6 134.4
152 52.8 42.4 63.6





#53
3-Nitroaniline
Concen: 35.424 ng
RT: 9.780 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

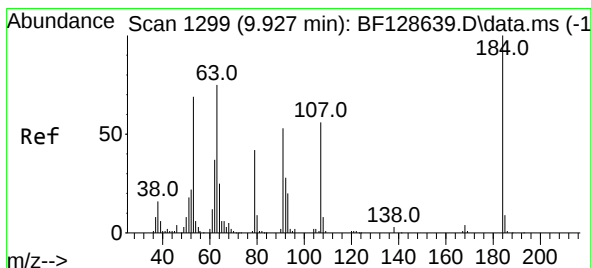
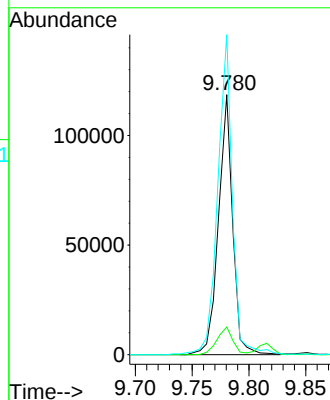
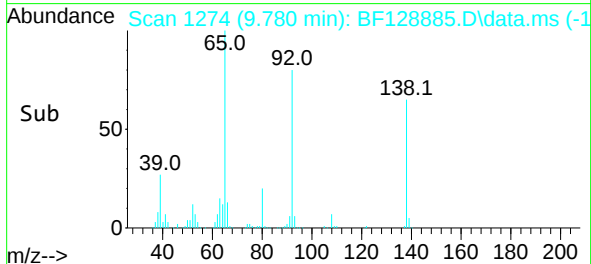
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



Tgt Ion:138 Resp: 10334
Ion Ratio Lower Upper
138 100
108 10.7 10.9 16.3
92 123.1 98.2 147.2

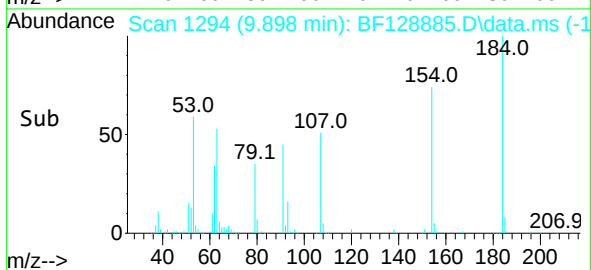
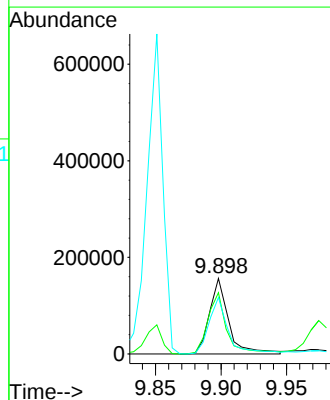
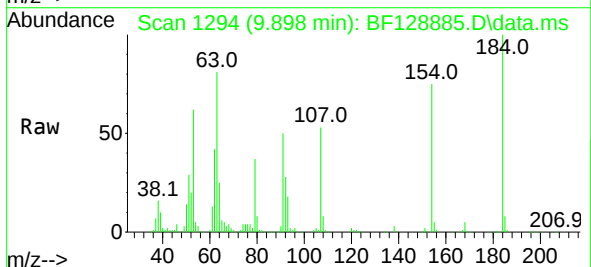
Manual Integrations
APPROVED

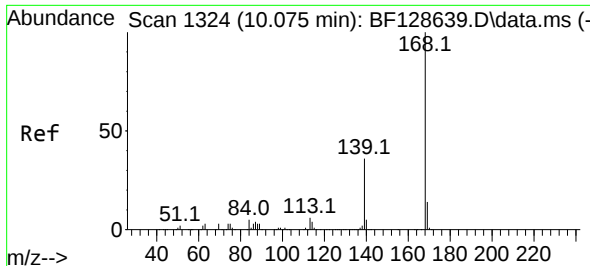
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#54
2,4-Dinitrophenol
Concen: 106.470 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

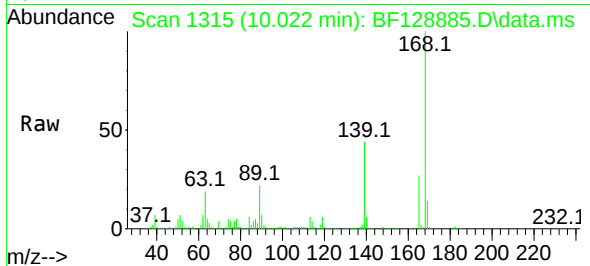
Tgt Ion:184 Resp: 159405
Ion Ratio Lower Upper
184 100
63 81.2 64.5 96.7
154 74.7 50.6 75.8





#55
Dibenzenofuran
Concen: 52.559 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

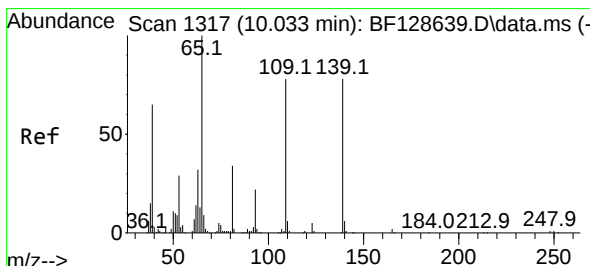
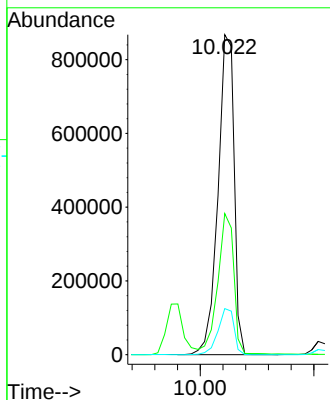
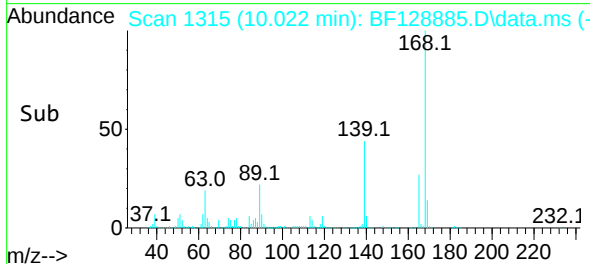
Instrument : BNA_F
ClientSampleId : WC-SO-20220609MSD



Tgt Ion:168 Resp: 857869
Ion Ratio Lower Upper
168 100
139 44.1 30.6 46.0
169 14.4 11.0 16.6

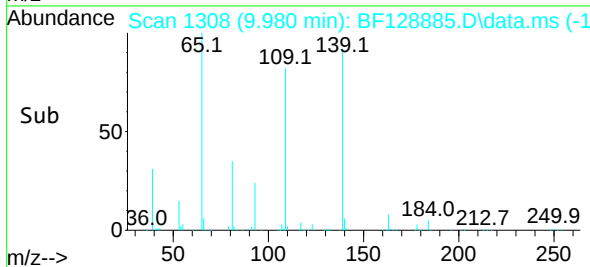
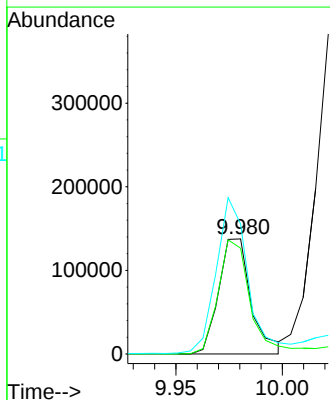
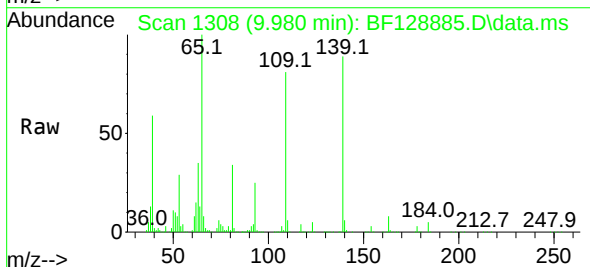
Manual Integrations
APPROVED

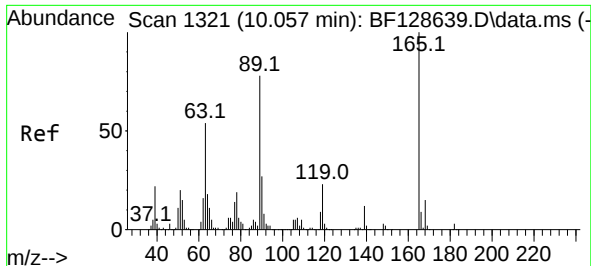
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#56
4-Nitrophenol
Concen: 69.072 ng
RT: 9.980 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

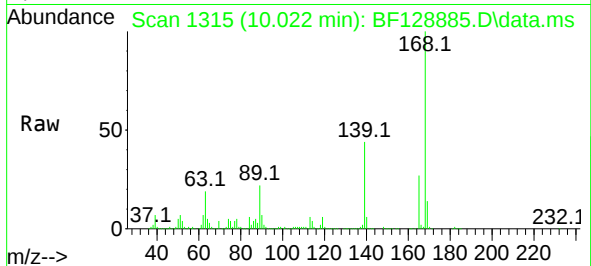
Tgt Ion:139 Resp: 146067
Ion Ratio Lower Upper
139 100
109 92.0 50.7 90.7#
65 112.9 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 59.801 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

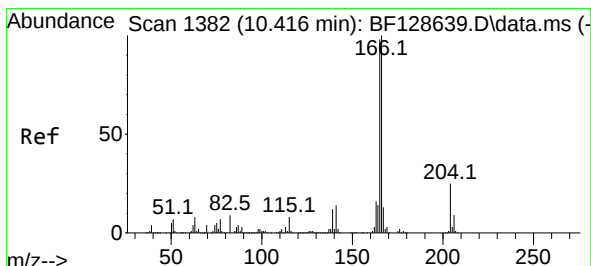
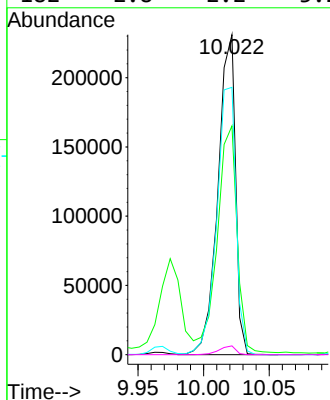
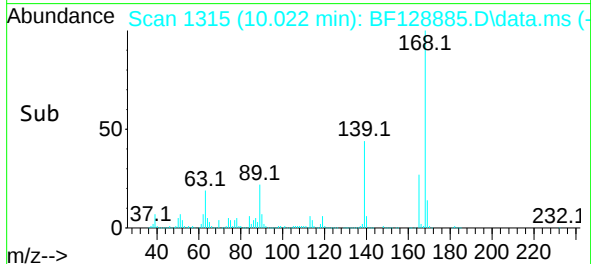
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



Tgt Ion:165 Resp: 21452
Ion Ratio Lower Upper
165 100
63 71.5 39.8 59.6
89 83.6 60.2 90.2
182 2.8 2.2 3.2

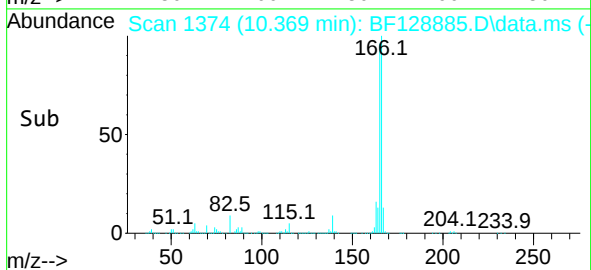
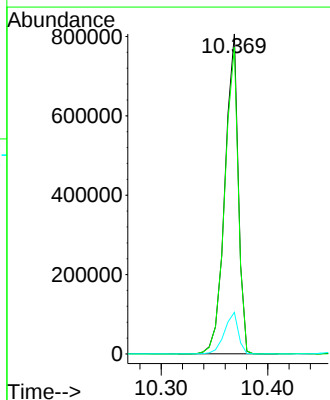
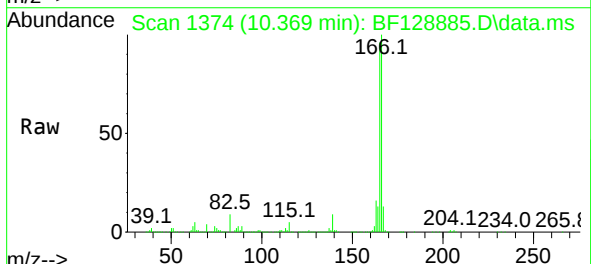
Manual Integrations
APPROVED

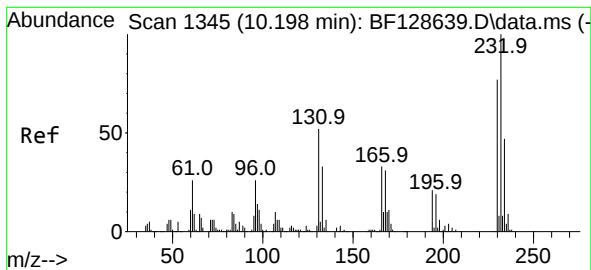
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#58
Fluorene
Concen: 55.228 ng
RT: 10.369 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

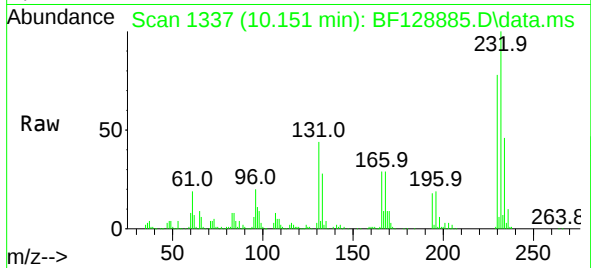
Tgt Ion:166 Resp: 699069
Ion Ratio Lower Upper
166 100
165 95.9 78.1 117.1
167 13.0 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.025 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

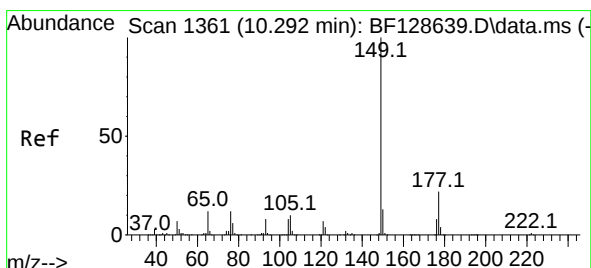
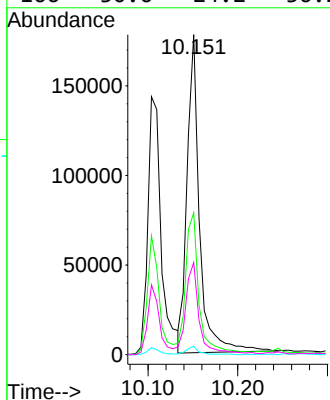
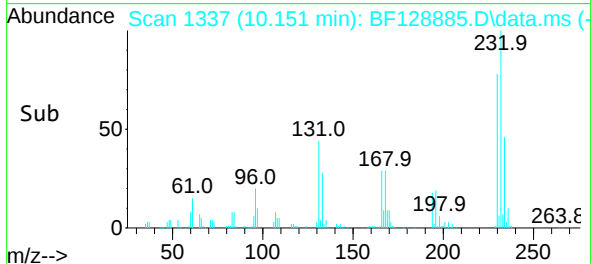
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



Tgt Ion:232 Resp: 17130
Ion Ratio Lower Upper
232 100
131 49.0 36.1 54.1
130 2.3 1.8 2.8
166 30.6 24.2 36.2

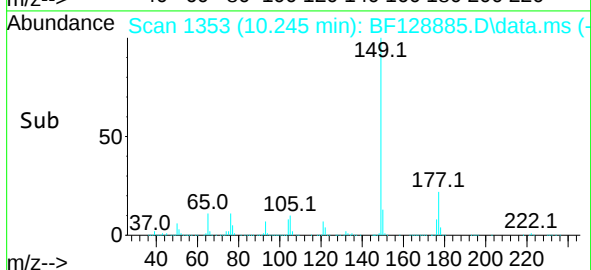
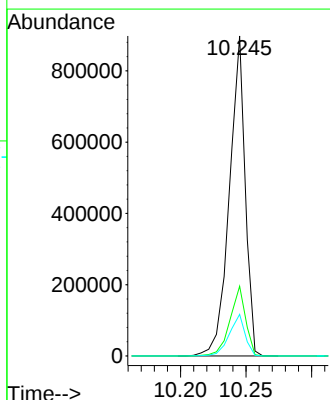
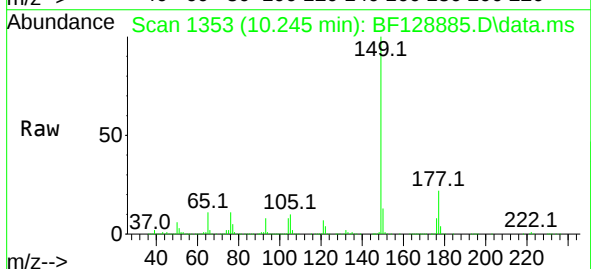
Manual Integrations
APPROVED

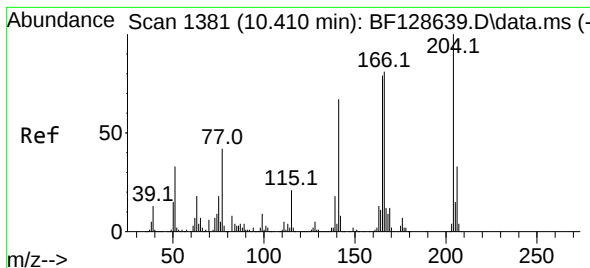
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#60
Diethylphthalate
Concen: 55.091 ng
RT: 10.245 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

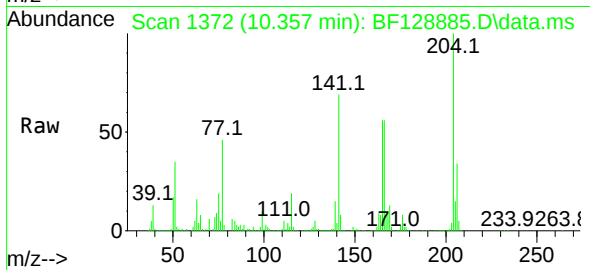
Tgt Ion:149 Resp: 754085
Ion Ratio Lower Upper
149 100
177 21.8 17.3 25.9
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 53.825 ng
RT: 10.357 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

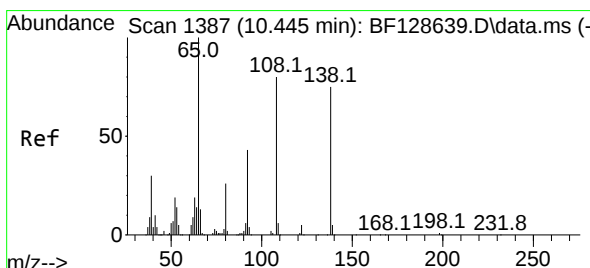
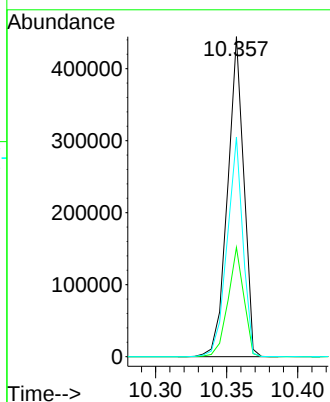
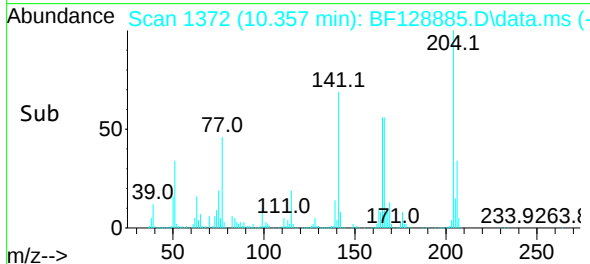
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



Tgt Ion:204 Resp: 35338
Ion Ratio Lower Upper
204 100
206 34.2 25.8 38.6
141 68.6 47.0 70.4

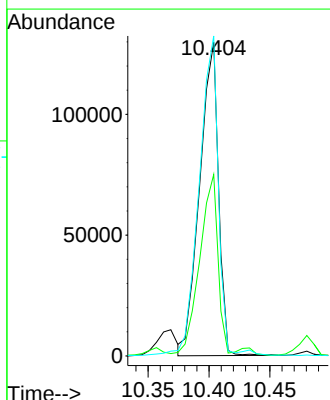
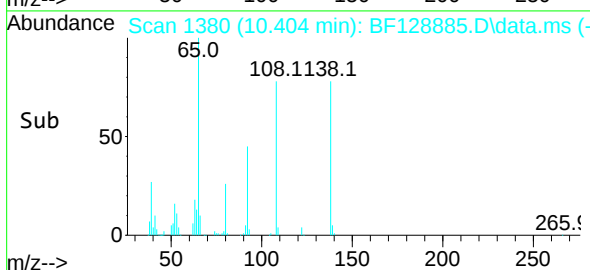
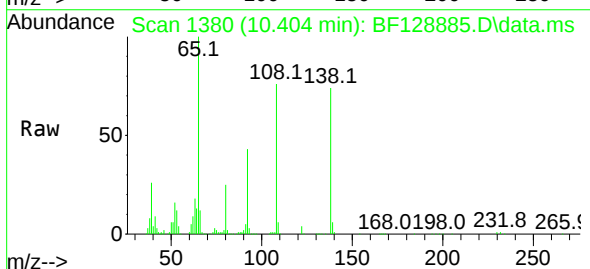
Manual Integrations
APPROVED

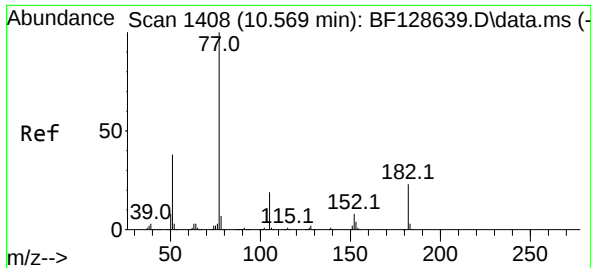
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#62
4-Nitroaniline
Concen: 47.133 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

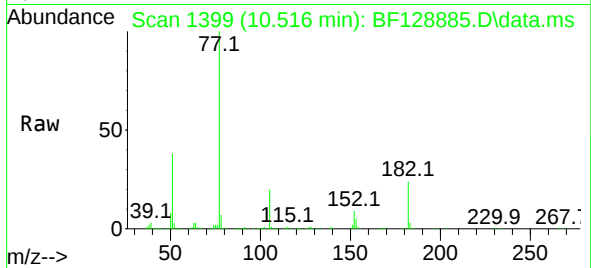
Tgt Ion:138 Resp: 139220
Ion Ratio Lower Upper
138 100
92 57.9 33.5 73.5
108 102.0 61.0 101.0#





#63
Azobenzene
Concen: 53.561 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

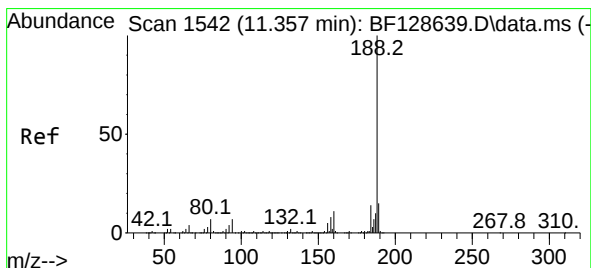
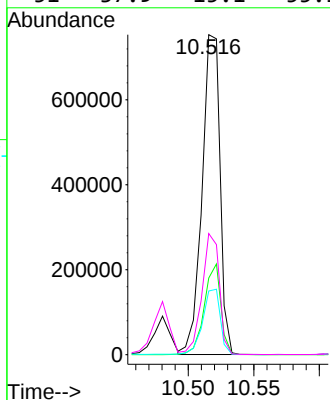
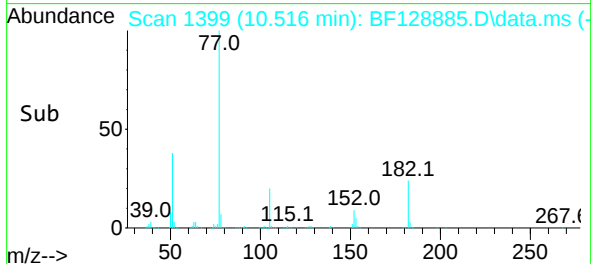
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



Tgt Ion: 77 Resp: 721738
Ion Ratio Lower Upper
77 100
182 24.0 5.6 45.6
105 19.9 1.6 41.6
51 37.9 15.1 55.1

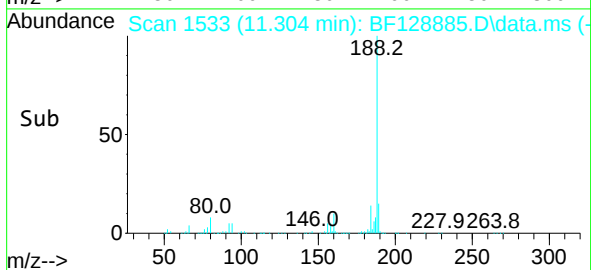
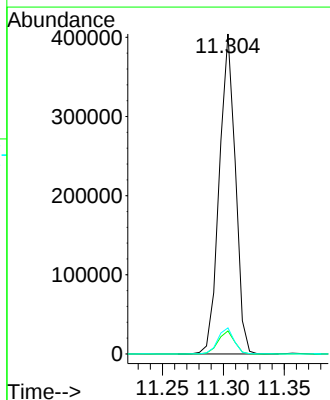
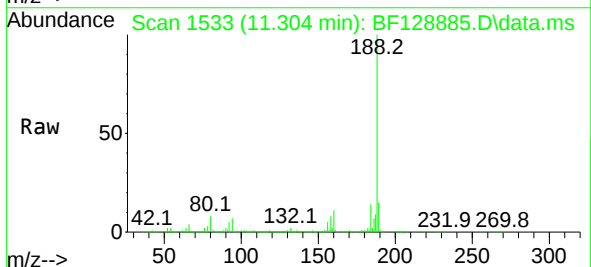
Manual Integrations
APPROVED

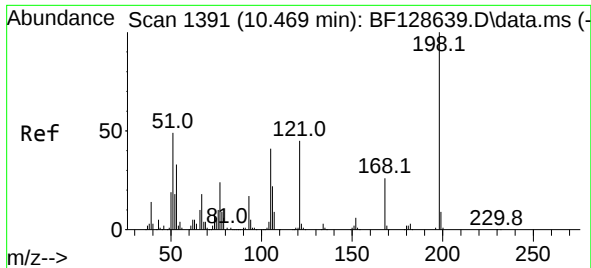
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

Tgt Ion:188 Resp: 372131
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 8.1 7.6 11.4





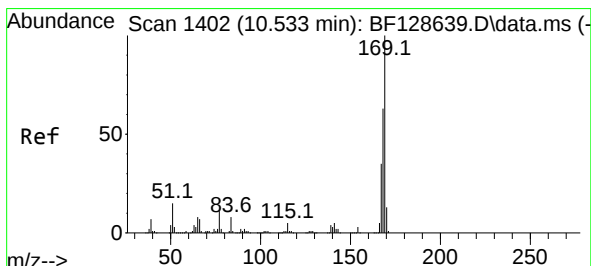
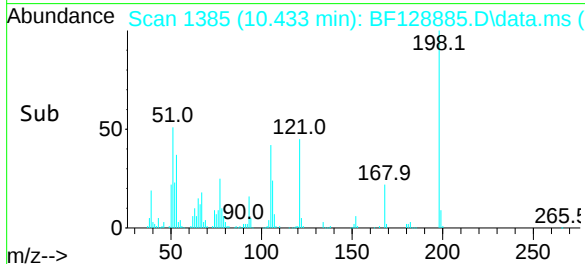
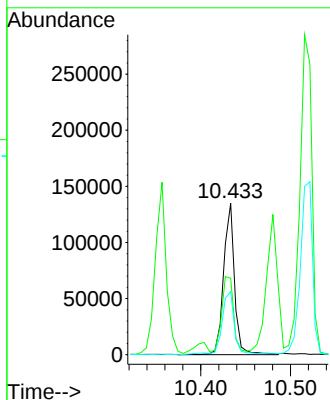
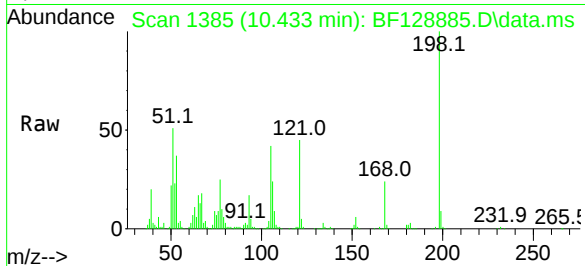
#65
4,6-Dinitro-2-methylphenol
Concen: 52.024 ng
RT: 10.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD

Tgt Ion:198 Resp: 114250
Ion Ratio Lower Upper
198 100
51 50.5 37.6 77.6
105 41.6 27.0 67.0

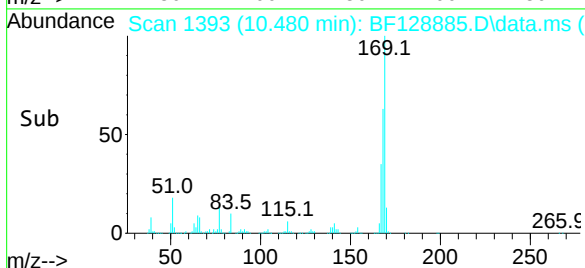
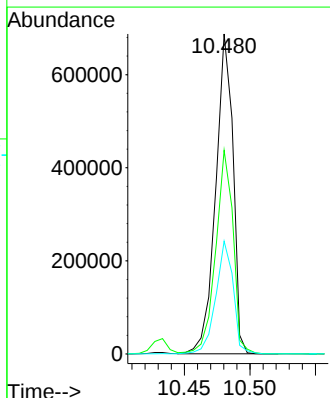
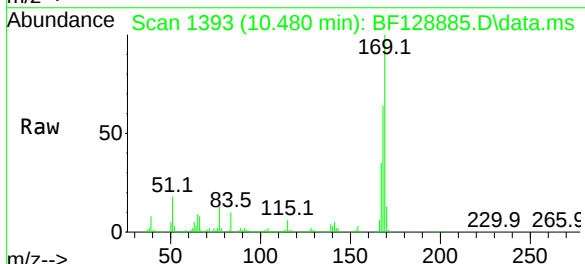
Manual Integrations
APPROVED

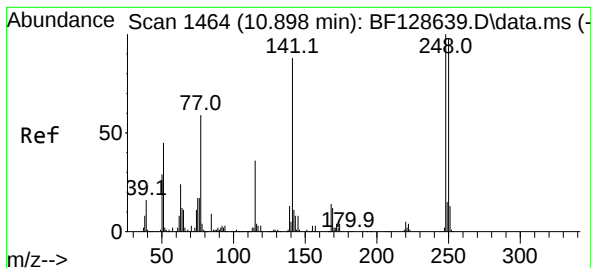
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#66
n-Nitrosodiphenylamine
Concen: 55.036 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

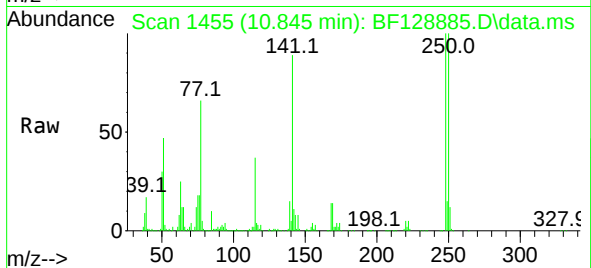
Tgt Ion:169 Resp: 629504
Ion Ratio Lower Upper
169 100
168 63.6 50.1 75.1
167 35.2 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 55.138 ng
RT: 10.845 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

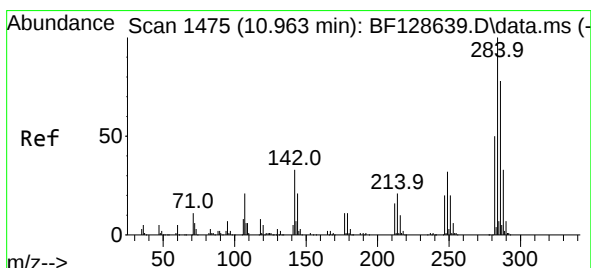
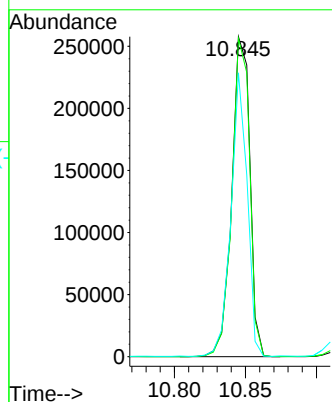
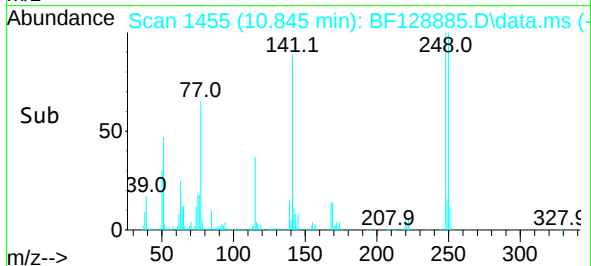
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



Tgt Ion:248 Resp: 228819
Ion Ratio Lower Upper
248 100
250 99.5 80.6 120.8
141 88.7 58.9 88.3

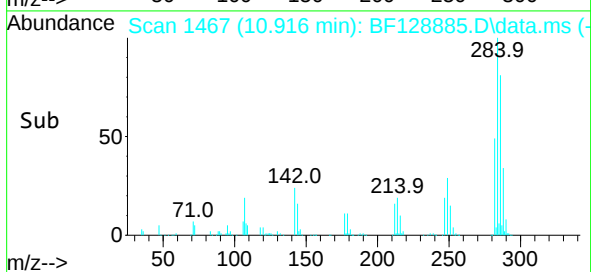
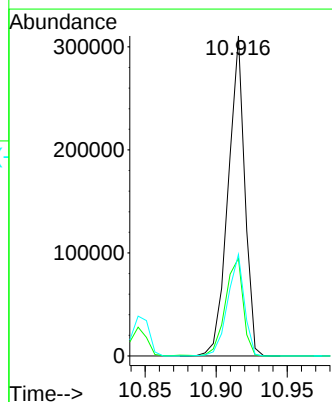
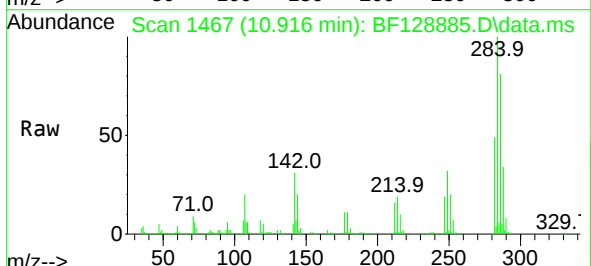
Manual Integrations
APPROVED

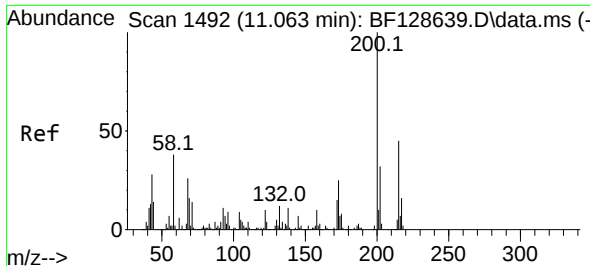
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#68
Hexachlorobenzene
Concen: 54.822 ng
RT: 10.916 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

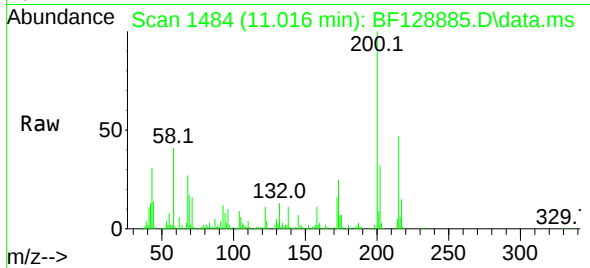
Tgt Ion:284 Resp: 252663
Ion Ratio Lower Upper
284 100
142 30.5 29.0 43.4
249 31.7 25.0 37.6





#69
Atrazine
Concen: 56.602 ng
RT: 11.016 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

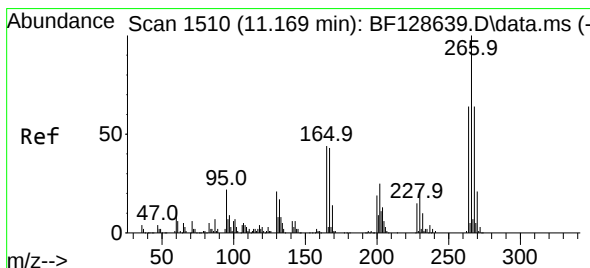
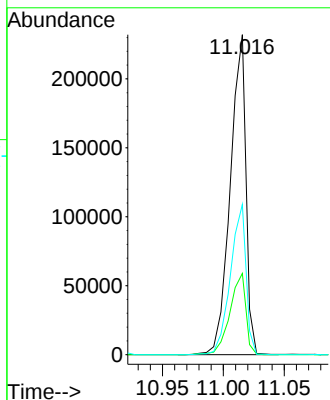
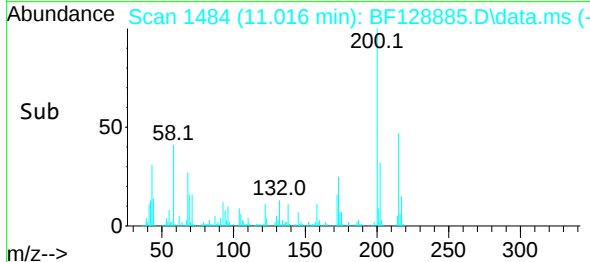
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



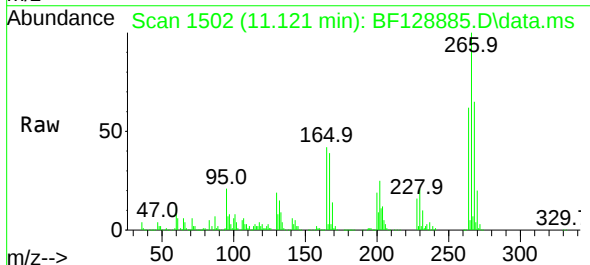
Tgt Ion:200 Resp: 208190
Ion Ratio Lower Upper
200 100
173 25.4 6.3 46.3
215 47.0 28.3 68.3

Manual Integrations
APPROVED

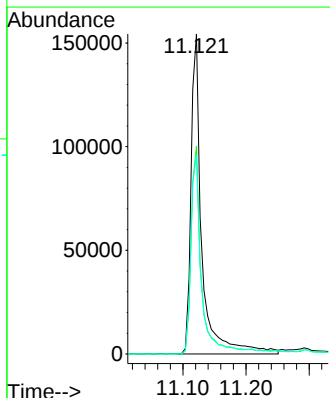
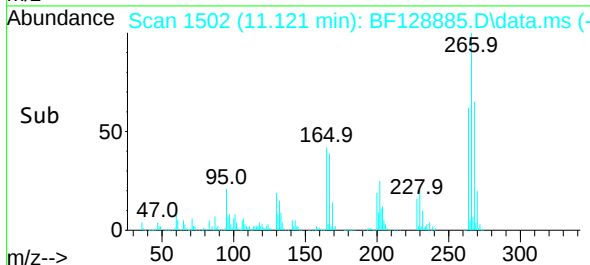
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022

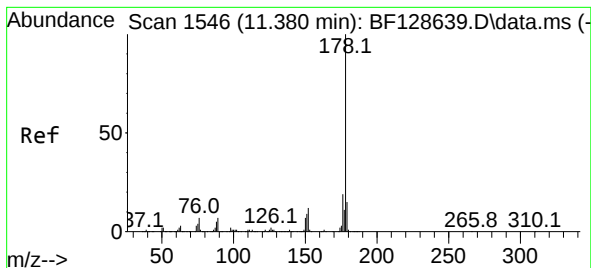


#70
Pentachlorophenol
Concen: 80.283 ng
RT: 11.121 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18



Tgt Ion:266 Resp: 184699
Ion Ratio Lower Upper
266 100
268 64.9 51.0 76.4
264 62.3 49.4 74.2





#71

Phenanthrene

Concen: 53.195 ng

RT: 11.333 min Scan# 1538

Delta R.T. -0.000 min

Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

Instrument :

BNA_F

ClientSampleId :

WC-SO-20220609MSD

Tgt Ion:178 Resp: 992910

Ion Ratio Lower Upper

178 100

176 19.1 16.0 24.0

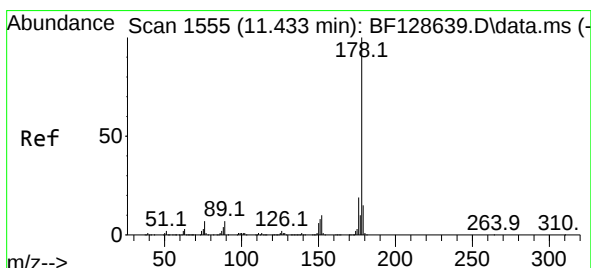
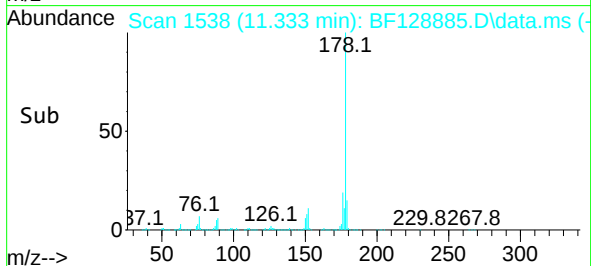
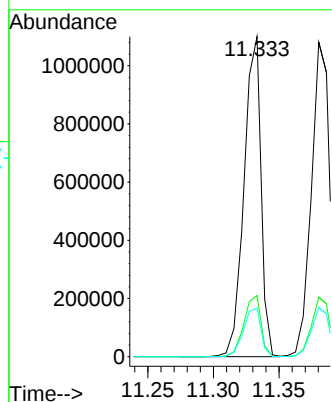
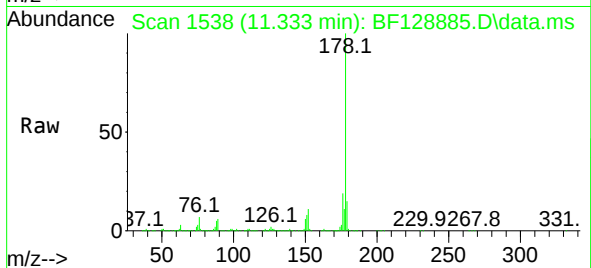
179 15.2 12.6 19.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/21/2022

Supervised By :Jagrut Upadhyay 06/21/2022



#72

Anthracene

Concen: 54.818 ng

RT: 11.380 min Scan# 1546

Delta R.T. -0.000 min

Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

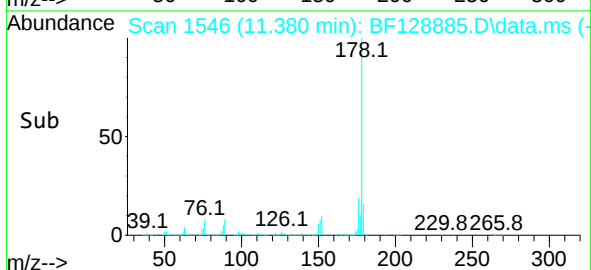
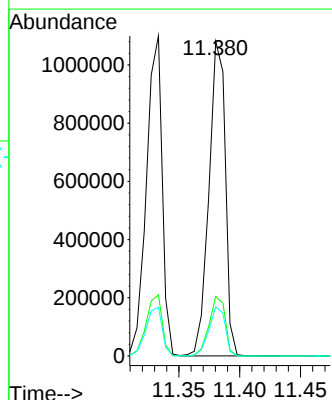
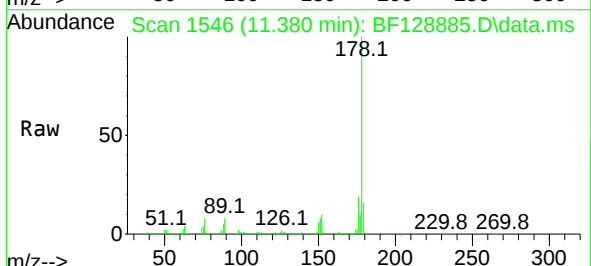
Tgt Ion:178 Resp: 1012752

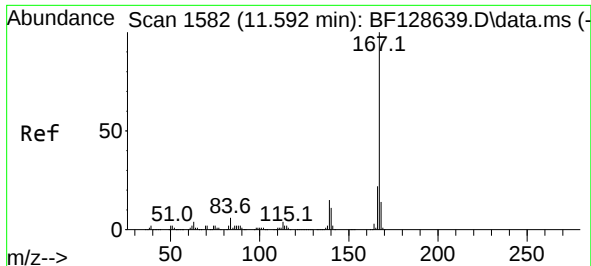
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

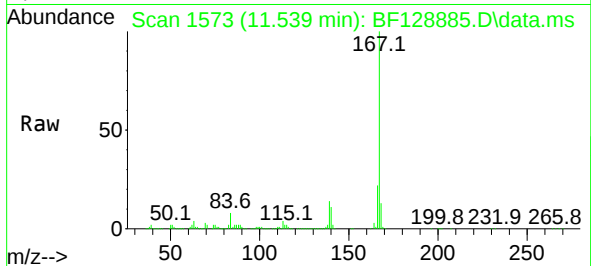
179 15.6 12.6 19.0





#73
Carbazole
Concen: 50.954 ng
RT: 11.539 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

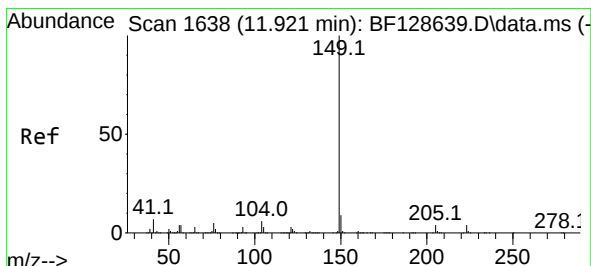
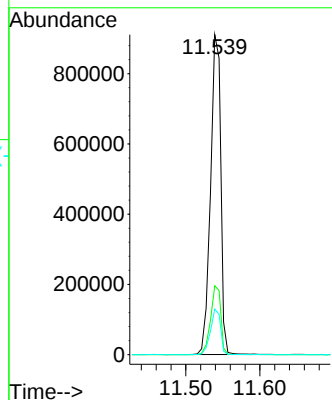
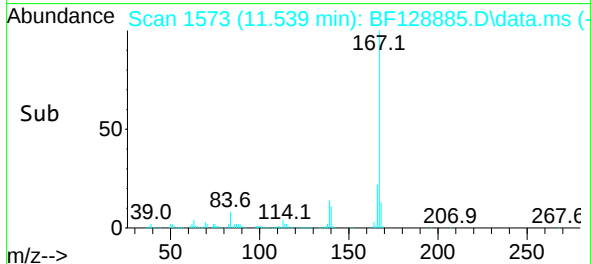
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



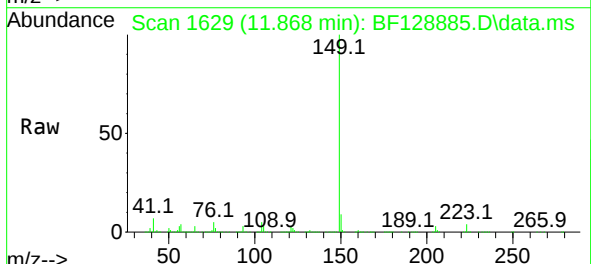
Tgt Ion:167 Resp: 87433
Ion Ratio Lower Upper
167 100
166 21.5 17.7 26.5
139 14.2 11.2 16.8

Manual Integrations
APPROVED

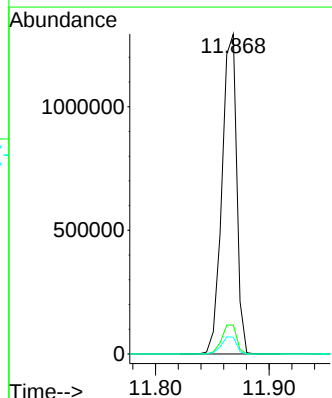
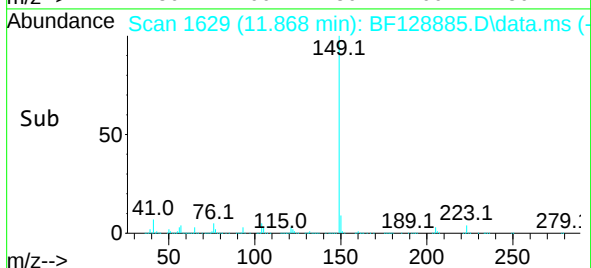
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022

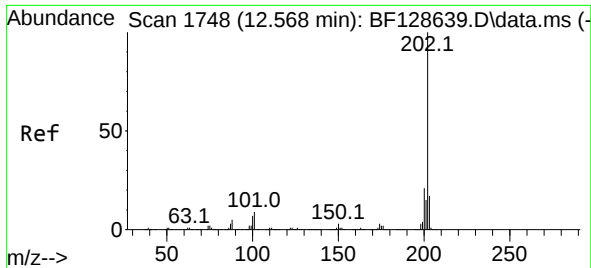


#74
Di-n-butylphthalate
Concen: 55.954 ng
RT: 11.868 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18



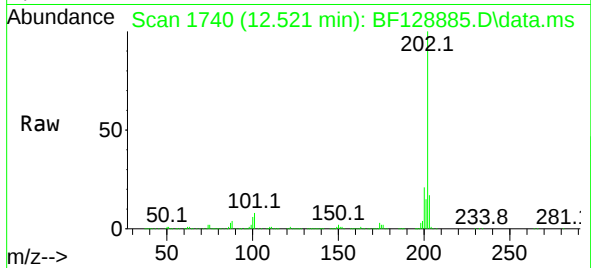
Tgt Ion:149 Resp: 1169000
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 51.368 ng
RT: 12.521 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

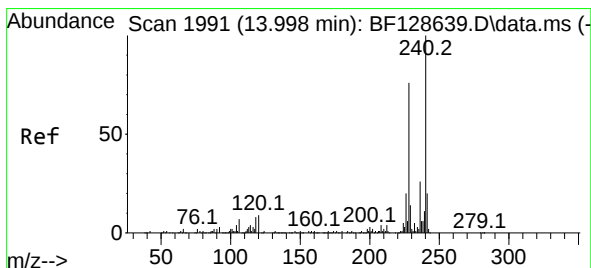
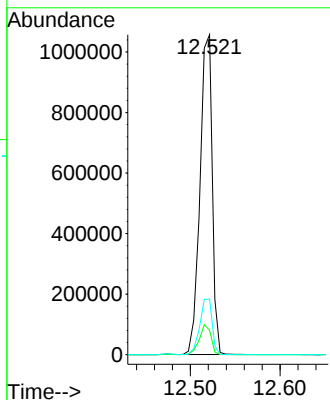
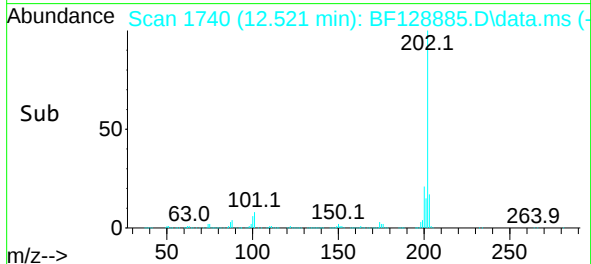
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



Tgt Ion:202 Resp: 100223
Ion Ratio Lower Upper
202 100
101 7.7 0.0 31.4
203 17.4 0.0 38.0

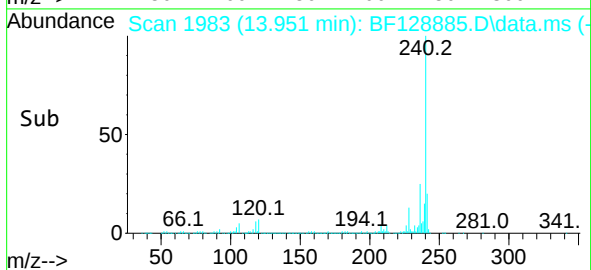
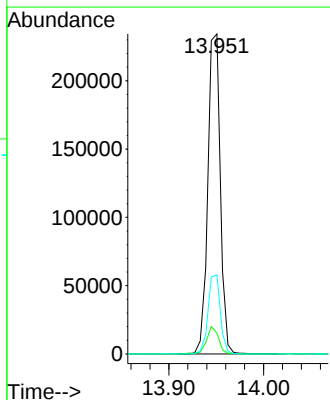
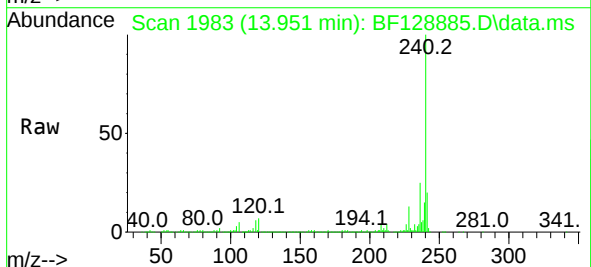
Manual Integrations
APPROVED

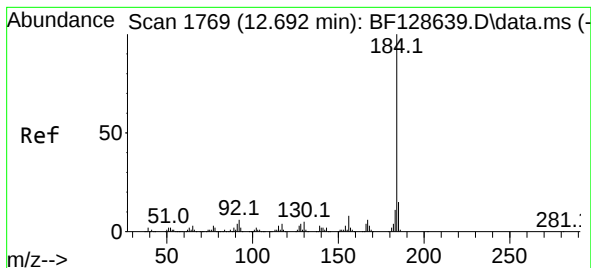
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

Tgt Ion:240 Resp: 214625
Ion Ratio Lower Upper
240 100
120 6.5 8.9 13.3#
236 24.7 20.8 31.2





#77

Benzidine

Concen: 11.051 ng

RT: 12.639 min Scan# 1760

Delta R.T. -0.006 min

Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

Instrument :

BNA_F

ClientSampleId :

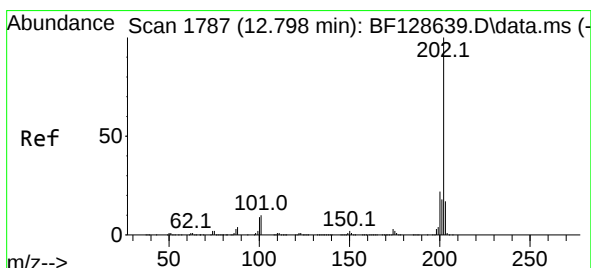
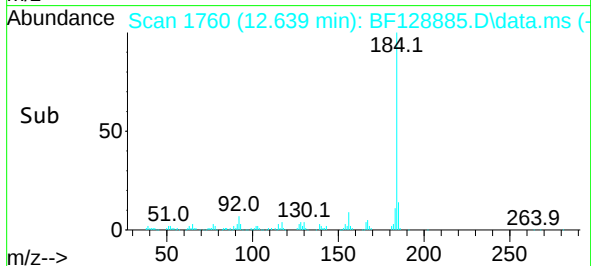
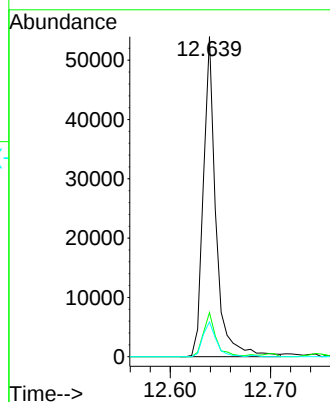
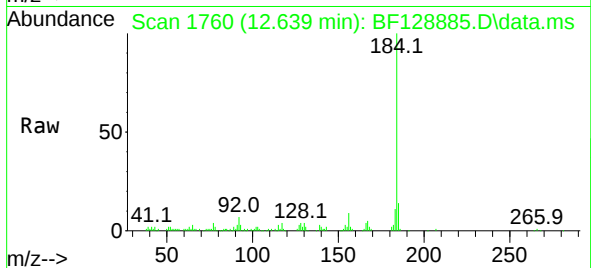
WC-SO-20220609MSD

Tgt Ion:184 Resp: 47279
 Ion Ratio Lower Upper
 184 100
 185 13.8 11.9 17.9
 183 10.9 9.3 13.9

Manual Integrations

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Reviewed By :Christian Giraldo 06/21/2022
 Supervised By :Jagrut Upadhyay 06/21/2022



#78

Pyrene

Concen: 62.043 ng

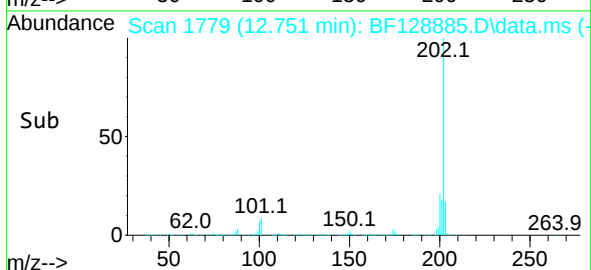
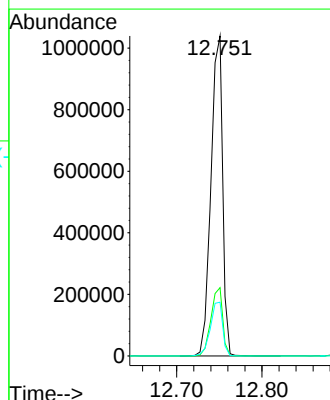
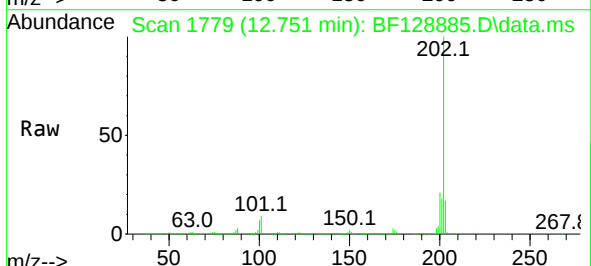
RT: 12.751 min Scan# 1779

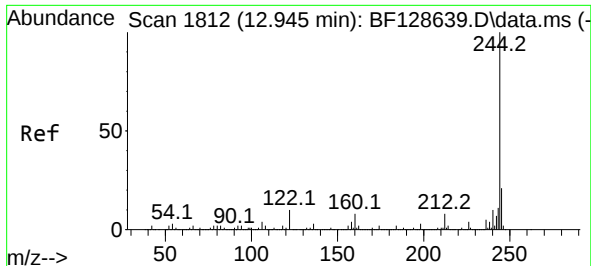
Delta R.T. -0.000 min

Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

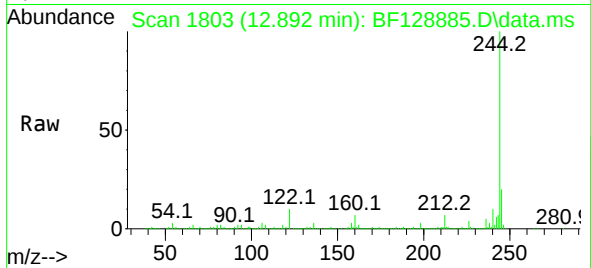
Tgt Ion:202 Resp: 990701
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.7 26.5
 203 16.8 14.6 21.8





#79
 Terphenyl-d14
 Concen: 122.959 ng
 RT: 12.892 min Scan# 1803
 Delta R.T. -0.000 min
 Lab File: BF128885.D
 Acq: 20 Jun 2022 19:18

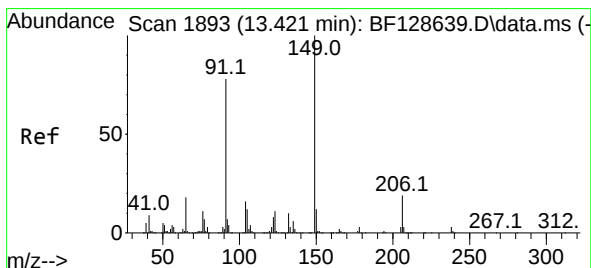
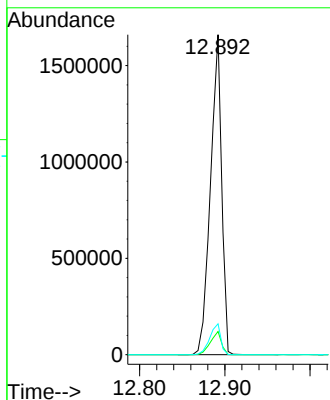
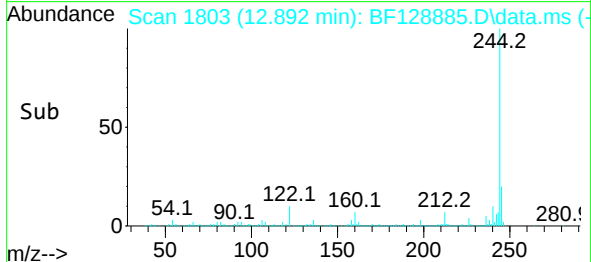
Instrument :
 BNA_F
 ClientSampleId :
 WC-SO-20220609MSD



Tgt Ion:244 Resp: 1518730
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.7 8.8 13.2

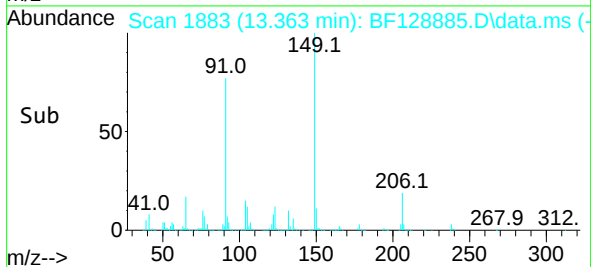
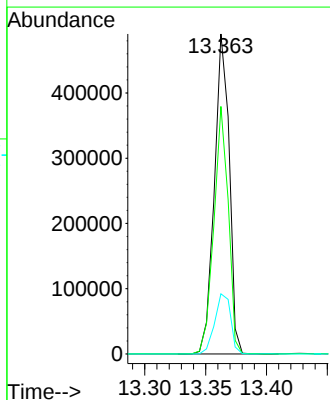
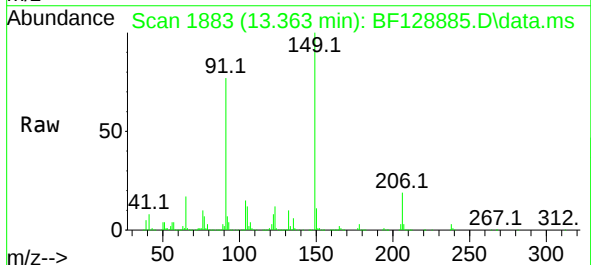
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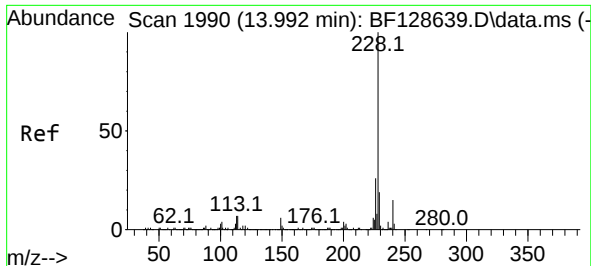
Reviewed By :Christian Giraldo 06/21/2022
 Supervised By :Jagrut Upadhyay 06/21/2022



#80
 Butylbenzylphthalate
 Concen: 62.131 ng
 RT: 13.363 min Scan# 1883
 Delta R.T. -0.006 min
 Lab File: BF128885.D
 Acq: 20 Jun 2022 19:18

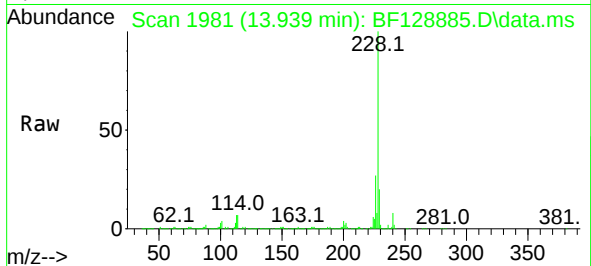
Tgt Ion:149 Resp: 416635
 Ion Ratio Lower Upper
 149 100
 91 77.3 61.2 91.8
 206 18.8 15.7 23.5





#81
Benzo(a)anthracene
Concen: 56.041 ng
RT: 13.939 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

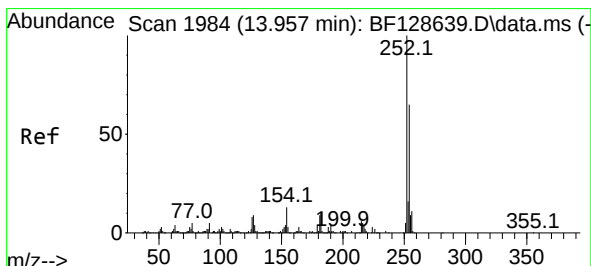
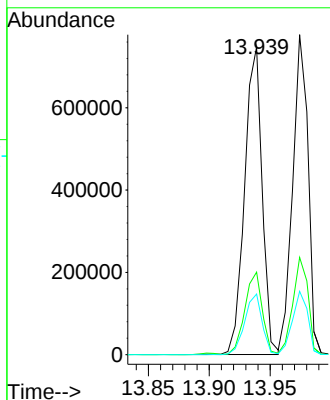
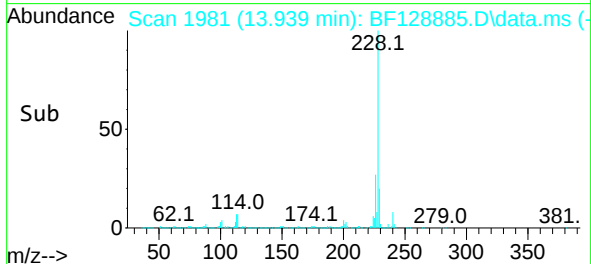
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



Tgt Ion:228 Resp: 749739
Ion Ratio Lower Upper
228 100
226 26.8 22.1 33.1
229 19.7 15.8 23.8

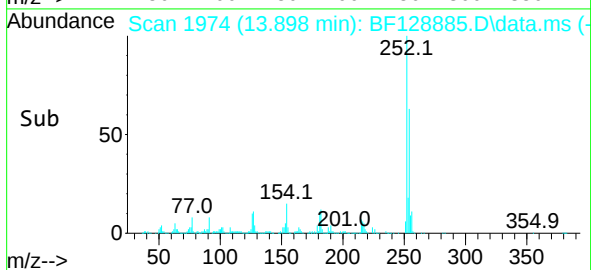
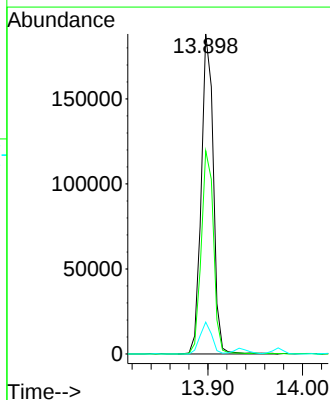
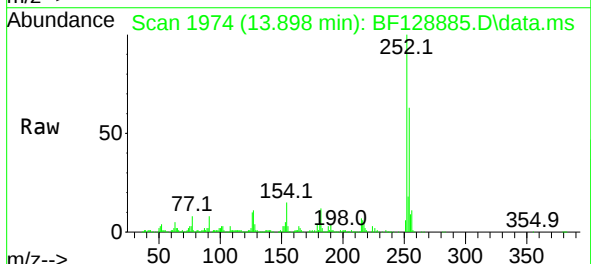
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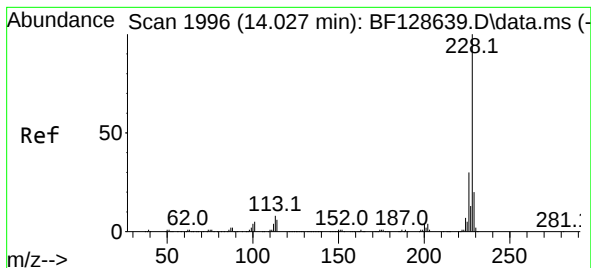
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#82
3,3'-Dichlorobenzidine
Concen: 58.002 ng
RT: 13.898 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

Tgt Ion:252 Resp: 166012
Ion Ratio Lower Upper
252 100
254 63.5 50.2 75.4
126 9.9 8.2 12.4





#83

Chrysene

Concen: 53.364 ng

RT: 13.974 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

Instrument :

BNA_F

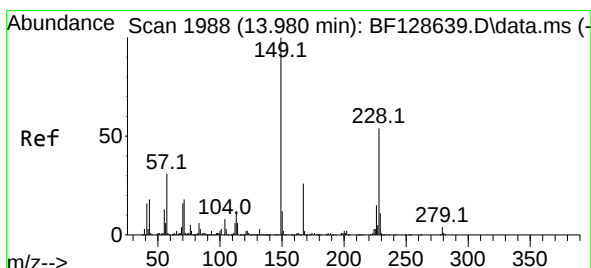
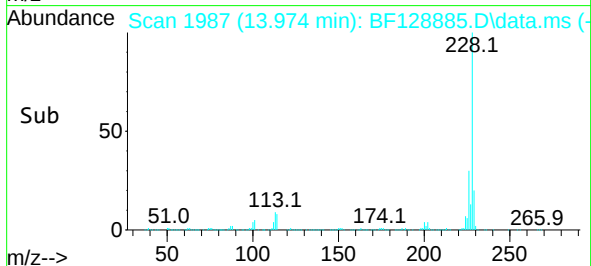
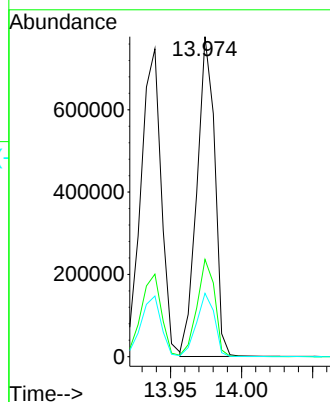
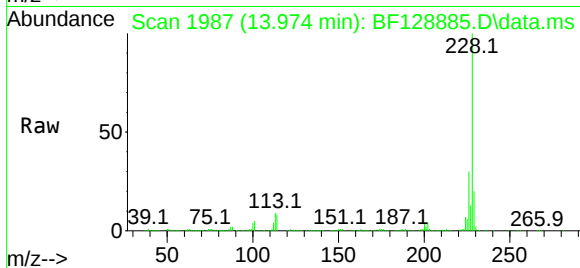
ClientSampleId :

WC-SO-20220609MSD

Tgt Ion:228 Resp: 680634
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.3 36.5
 229 19.8 15.9 23.9

Manual Integrations
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Reviewed By :Christian Giraldo 06/21/2022
 Supervised By :Jagrut Upadhyay 06/21/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 66.371 ng

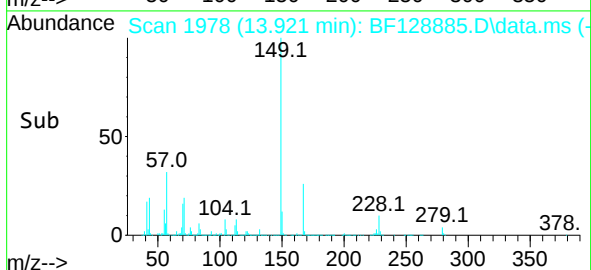
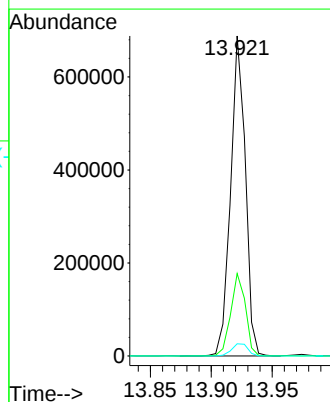
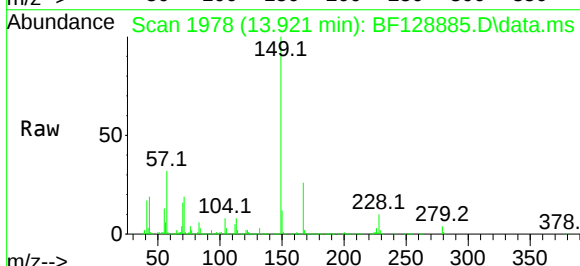
RT: 13.921 min Scan# 1978

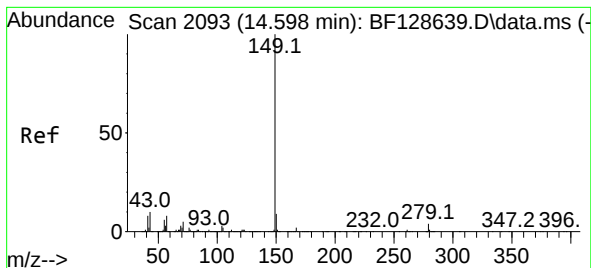
Delta R.T. -0.006 min

Lab File: BF128885.D

Acq: 20 Jun 2022 19:18

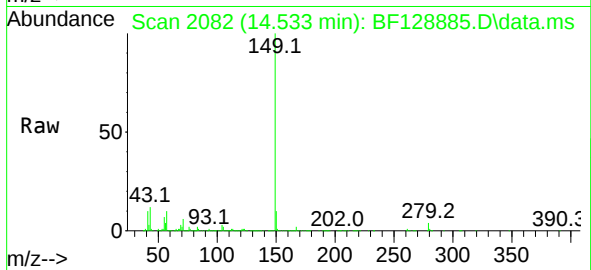
Tgt Ion:149 Resp: 578612
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.0 31.4
 279 3.8 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 61.729 ng
RT: 14.533 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

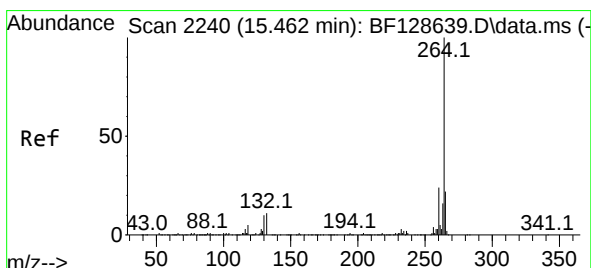
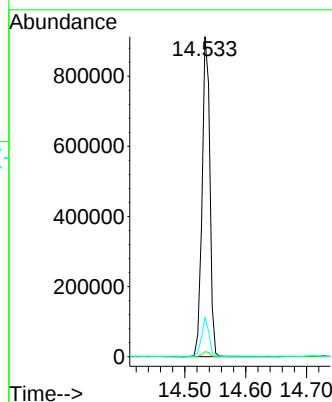
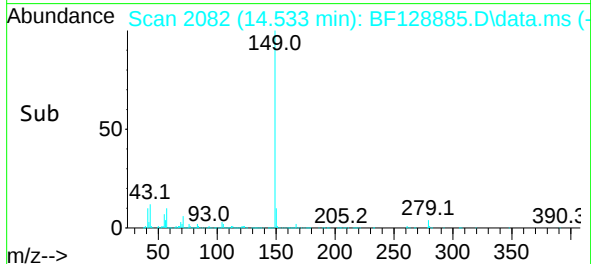
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



Tgt Ion:149 Resp: 810509
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.5 9.2 13.8

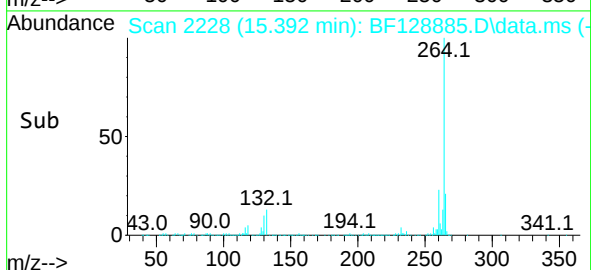
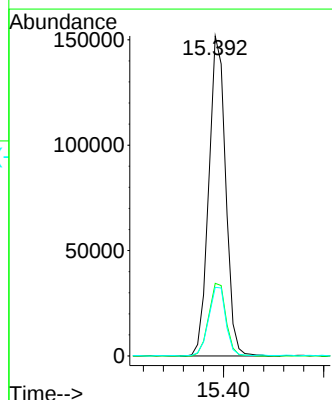
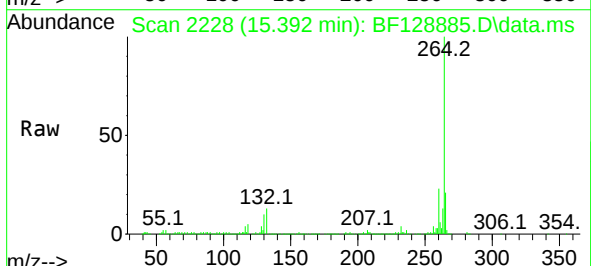
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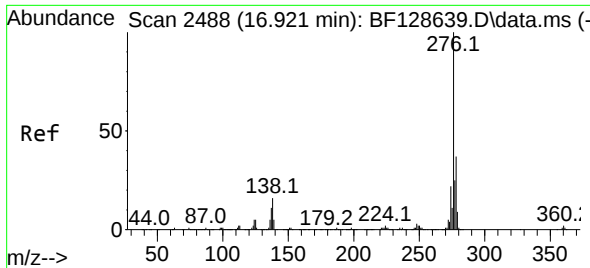
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

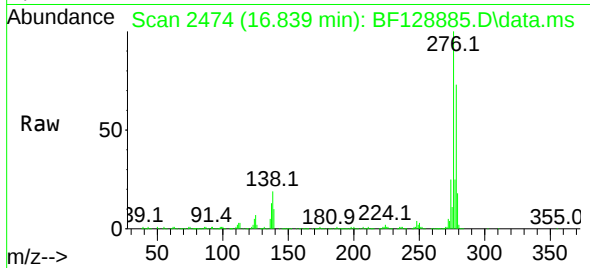
Tgt Ion:264 Resp: 177533
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 21.4 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 59.944 ng
RT: 16.839 min Scan# 2488
Delta R.T. -0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

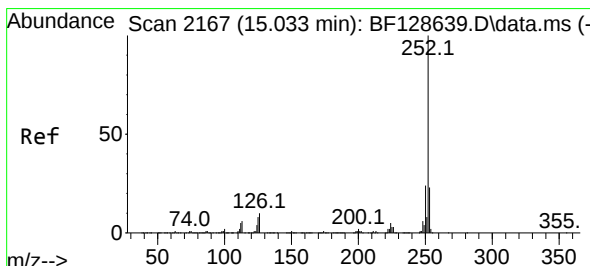
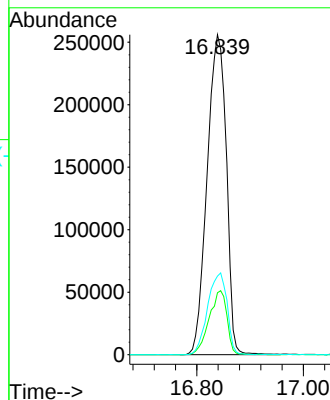
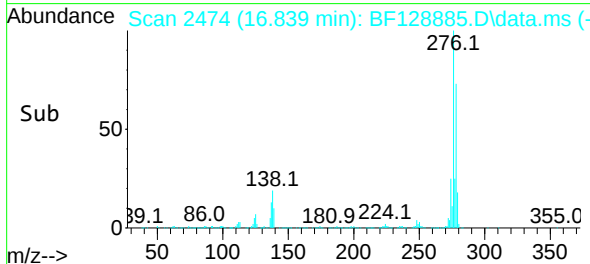
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



Tgt Ion:276 Resp: 641430
Ion Ratio Lower Upper
276 100
138 18.6 21.1 31.7
277 25.8 20.3 30.5

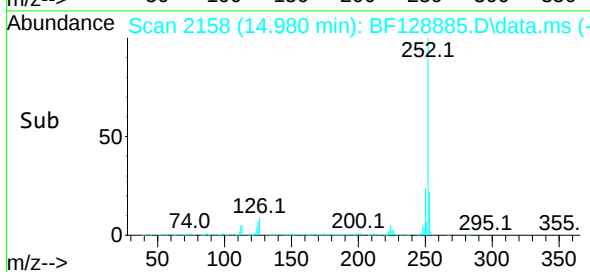
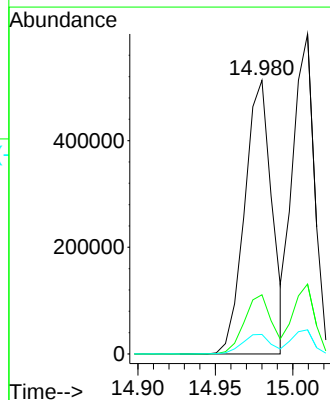
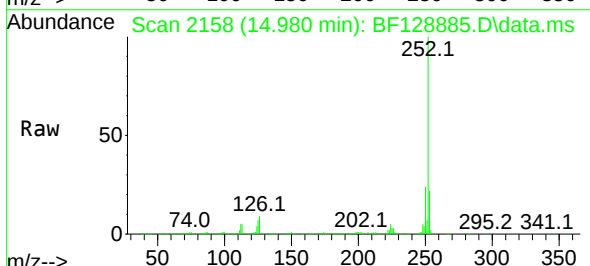
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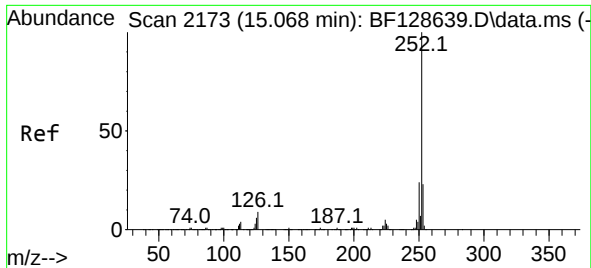
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#88
Benzo(b)fluoranthene
Concen: 55.221 ng
RT: 14.980 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

Tgt Ion:252 Resp: 626436
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 7.1 8.0 12.0





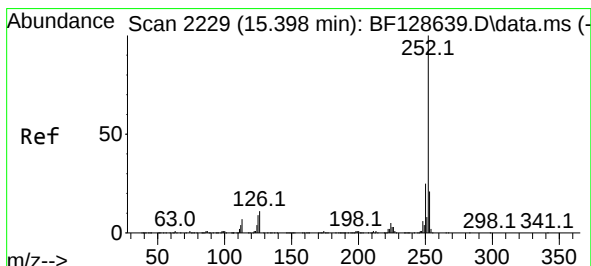
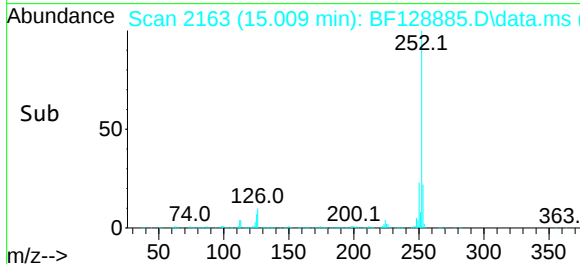
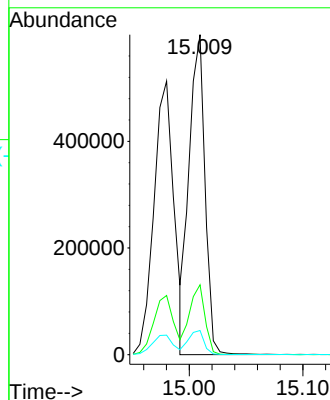
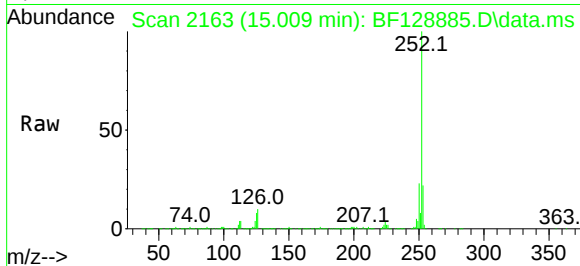
#89
Benzo(k)fluoranthene
Concen: 54.818 ng
RT: 15.009 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD

Tgt Ion:252 Resp: 584980
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 7.5 8.3 12.5

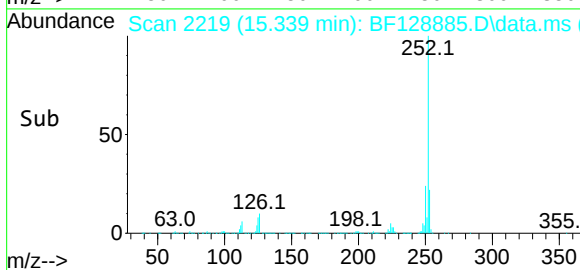
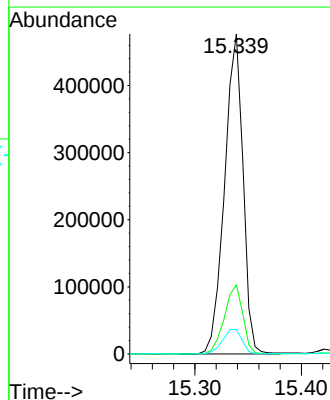
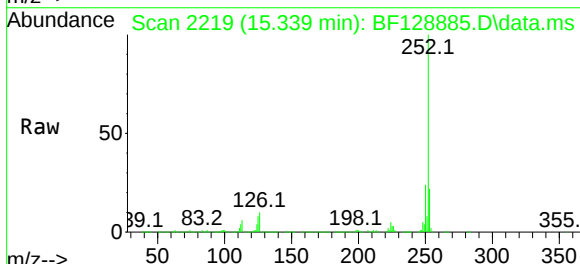
Manual Integrations
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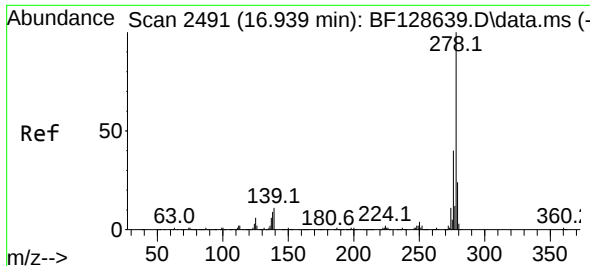
Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022



#90
Benzo(a)pyrene
Concen: 64.028 ng
RT: 15.339 min Scan# 2219
Delta R.T. -0.000 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

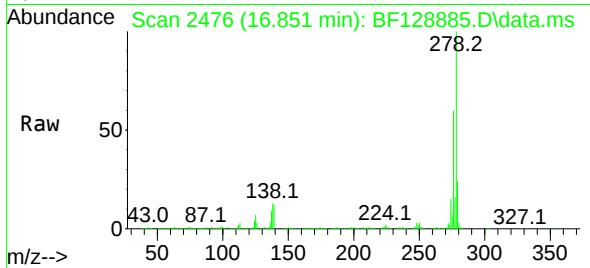
Tgt Ion:252 Resp: 570877
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 7.6 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 63.411 ng
RT: 16.851 min Scan# 2491
Delta R.T. -0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18

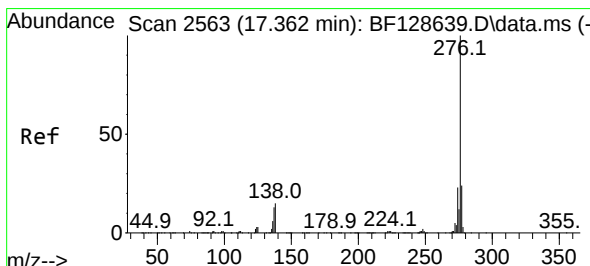
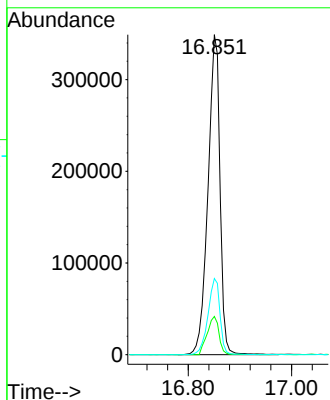
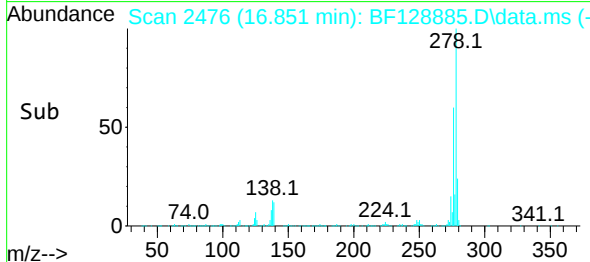
Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD



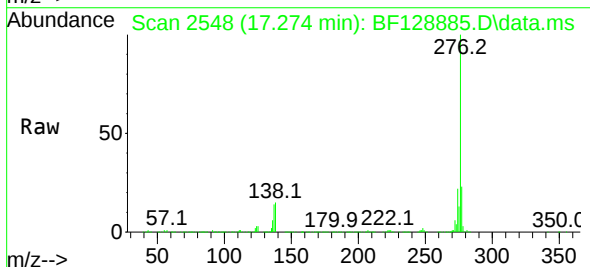
Tgt Ion: 278 Resp: 562815
Ion Ratio Lower Upper
278 100
139 12.0 12.8 19.2
279 23.8 18.6 28.0

Manual Integrations
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Reviewed By : Christian Giraldo 06/21/2022
Supervised By : Jagrut Upadhyay 06/21/2022



#92
Benzo(g,h,i)perylene
Concen: 62.681 ng
RT: 17.274 min Scan# 2548
Delta R.T. -0.006 min
Lab File: BF128885.D
Acq: 20 Jun 2022 19:18



Tgt Ion: 276 Resp: 551381
Ion Ratio Lower Upper
276 100
277 22.8 19.1 28.7
138 15.0 18.0 27.0

