

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128907.D
 Acq On : 21 Jun 2022 19:58
 Operator : CG\JU
 Sample : N3384-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/22/2022
 Supervised By : Jagrut Upadhyay 06/22/2022

Quant Time: Jun 22 01:54:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	111637	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	400638	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	190374	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	286043	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	208014	20.000	ng	# 0.00
86) Perylene-d12	15.368	264	150842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	659198	94.054	ng	0.01
7) Phenol-d6	6.422	99	825129	96.446	ng	0.00
23) Nitrobenzene-d5	7.328	82	583299	67.786	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	168480	74.901	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1018975	74.978	ng	0.00
79) Terphenyl-d14	12.869	244	845417	70.622	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	111332	42.788	ng	# 93
3) Pyridine	3.246	79	316811	45.835	ng	# 87
4) n-Nitrosodimethylamine	3.216	42	236775	49.398	ng	# 77
6) Aniline	6.422	93	316037m	34.252	ng	
8) 2-Chlorophenol	6.551	128	383012	53.407	ng	96
9) Benzaldehyde	6.310	77	270215	51.844	ng	95
10) Phenol	6.434	94	463973	51.304	ng	81
11) bis(2-Chloroethyl)ether	6.498	93	359448	54.241	ng	99
12) 1,3-Dichlorobenzene	6.698	146	423916	51.131	ng	99
13) 1,4-Dichlorobenzene	6.775	146	431061	51.480	ng	99
14) 1,2-Dichlorobenzene	6.928	146	405066	51.715	ng	99
15) Benzyl Alcohol	6.916	79	363965	50.846	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.034	45	576626	52.812	ng	# 1
17) 2-Methylphenol	7.192	107	401145	70.773	ng	# 83
18) Hexachloroethane	7.263	117	157645	50.605	ng	93
19) n-Nitroso-di-n-propyla...	7.181	70	294964	55.451	ng	99
20) 3+4-Methylphenols	7.192	107	401145	53.012	ng	# 81
22) Acetophenone	7.175	105	566996	54.110	ng	97
24) Nitrobenzene	7.345	77	436090	55.201	ng	94
25) Isophorone	7.587	82	758492	58.037	ng	96
26) 2-Nitrophenol	7.663	139	196355	56.412	ng	# 87
27) 2,4-Dimethylphenol	7.710	122	332069	62.629	ng	92
28) bis(2-Chloroethoxy)met...	7.798	93	445614	53.937	ng	99
29) 2,4-Dichlorophenol	7.916	162	312087	50.856	ng	99
30) 1,2,4-Trichlorobenzene	7.981	180	334825	48.457	ng	98
31) Naphthalene	8.063	128	1075034	52.285	ng	99
32) Benzoic acid	7.875	122	146455	38.933	ng	91
33) 4-Chloroaniline	8.122	127	147558	19.035	ng	98
34) Hexachlorobutadiene	8.175	225	242467	49.479	ng	97
35) Caprolactam	8.504	113	90164m	53.133	ng	
36) 4-Chloro-3-methylphenol	8.622	107	330988	49.422	ng	95
37) 2-Methylnaphthalene	8.757	142	666654	50.975	ng	99
38) 1-Methylnaphthalene	8.857	142	622366	49.256	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	341946	57.835	ng	98
41) Hexachlorocyclopentadiene	8.904	237	60366	16.985	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	202193	50.570	ng	97

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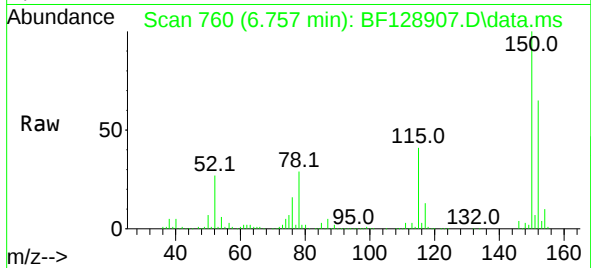
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	202224	48.942	ng	# 93
46) 1,1'-Biphenyl	9.222	154	804923	56.351	ng	98
47) 2-Chloronaphthalene	9.245	162	597533	54.821	ng	98
48) 2-Nitroaniline	9.351	65	215763	57.889	ng	96
49) Acenaphthylene	9.657	152	877787	52.605	ng	100
50) Dimethylphthalate	9.528	163	746842	57.314	ng	99
51) 2,6-Dinitrotoluene	9.592	165	149693	58.204	ng	# 86
52) Acenaphthene	9.833	154	530558	48.826	ng	99
53) 3-Nitroaniline	9.757	138	93309	33.428	ng	92
54) 2,4-Dinitrophenol	9.875	184	79216	55.299	ng	# 89
55) Dibenzofuran	10.004	168	776080	49.695	ng	95
56) 4-Nitrophenol	9.957	139	143445	70.895	ng	# 72
57) 2,4-Dinitrotoluene	9.998	165	182614	53.205	ng	# 75
58) Fluorene	10.345	166	607315	50.145	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	140611	41.201	ng	# 99
60) Diethylphthalate	10.222	149	684287	52.249	ng	99
61) 4-Chlorophenyl-phenyle...	10.333	204	307878	49.012	ng	90
62) 4-Nitroaniline	10.375	138	120068	42.484	ng	# 81
63) Azobenzene	10.498	77	615361	47.728	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	63899	37.853	ng	91
66) n-Nitrosodiphenylamine	10.457	169	533460	60.676	ng	99
67) 4-Bromophenyl-phenylether	10.827	248	179736	56.345	ng	98
68) Hexachlorobenzene	10.892	284	196864	55.570	ng	96
69) Atrazine	10.992	200	172055	60.854	ng	98
70) Pentachlorophenol	11.098	266	124184	70.225	ng	97
71) Phenanthrene	11.310	178	997819	69.547	ng	99
72) Anthracene	11.363	178	824126	58.034	ng	99
73) Carbazole	11.522	167	689752	52.295	ng	98
74) Di-n-butylphthalate	11.845	149	897034	55.859	ng	100
75) Fluoranthene	12.498	202	1057676	70.525	ng	97
77) Benzidine	12.621	184	323476	78.009	ng	98
78) Pyrene	12.727	202	1115301	72.066	ng	99
80) Butylbenzylphthalate	13.345	149	360231	55.427	ng	95
81) Benzo(a)anthracene	13.916	228	844360	65.120	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	152768	55.071	ng	# 97
83) Chrysene	13.957	228	770709	62.347	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	502486	59.471	ng	99
85) Di-n-octyl phthalate	14.515	149	756009	59.408	ng	100
87) Indeno(1,2,3-cd)pyrene	16.798	276	480691	52.872	ng	# 91
88) Benzo(b)fluoranthene	14.957	252	641064m	66.510	ng	
89) Benzo(k)fluoranthene	14.980	252	539450	59.496	ng	98
90) Benzo(a)pyrene	15.310	252	509144	67.208	ng	# 97
91) Dibenzo(a,h)anthracene	16.804	278	402147	53.326	ng	# 96
92) Benzo(g,h,i)perylene	17.227	276	407467	54.517	ng	# 93

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

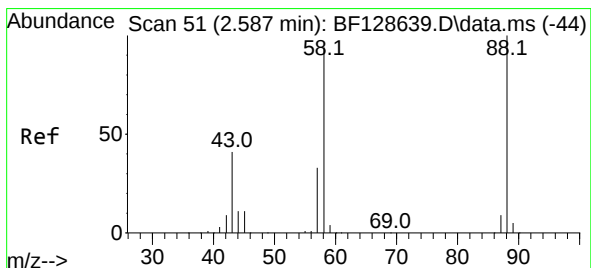
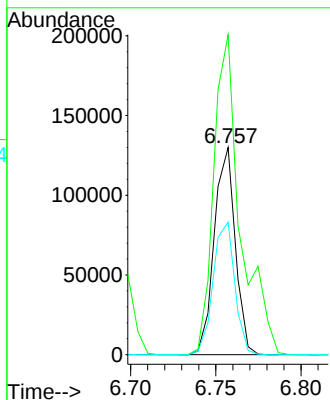
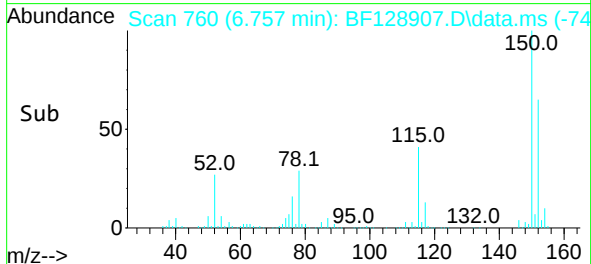
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:152 Resp: 11163
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 64.0 49.9 74.9

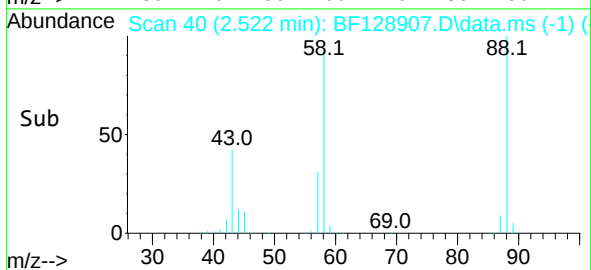
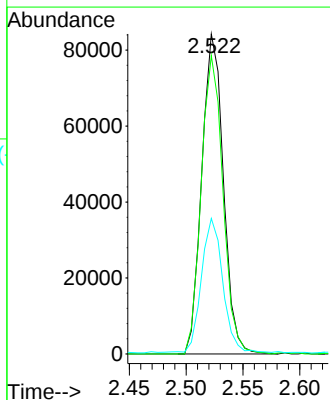
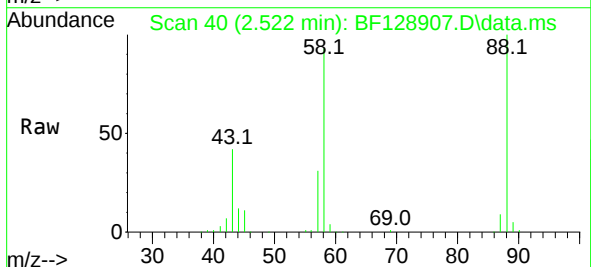
Manual Integrations
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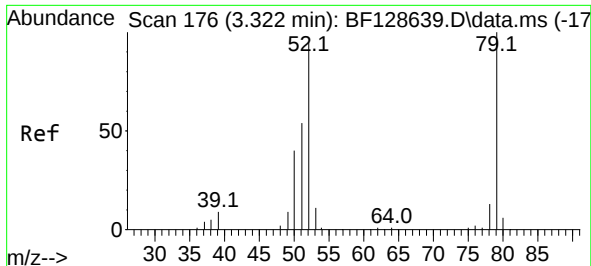
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#2
1,4-Dioxane
Concen: 42.788 ng
RT: 2.522 min Scan# 40
Delta R.T. 0.047 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

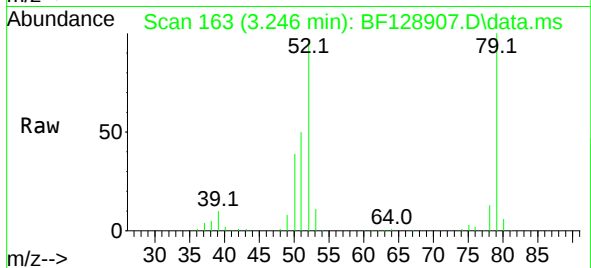
Tgt Ion: 88 Resp: 111332
Ion Ratio Lower Upper
88 100
58 93.9 71.8 107.8
43 42.2 26.6 39.8





#3
Pyridine
Concen: 45.835 ng
RT: 3.246 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

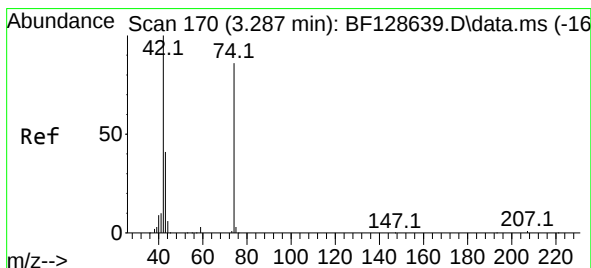
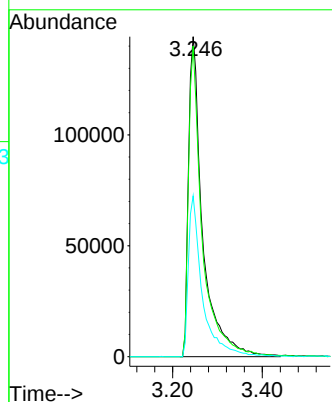
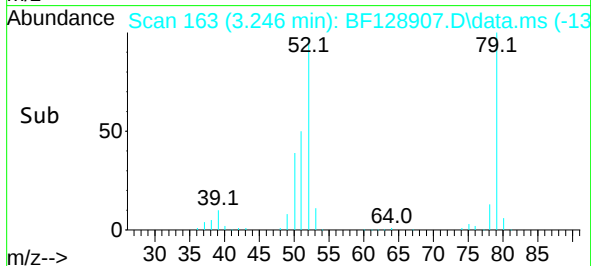
Instrument :
BNA_F
ClientSampleId :
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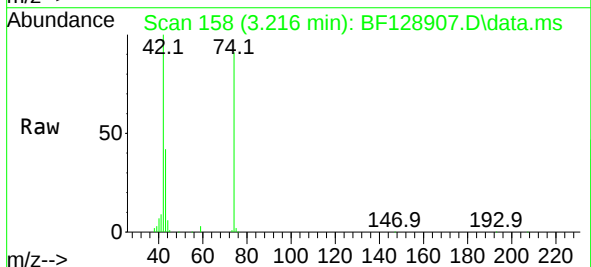
Tgt Ion: 79 Resp: 31681
Ion Ratio Lower Upper
79 100
52 97.1 68.6 102.8
51 50.2 32.9 49.3

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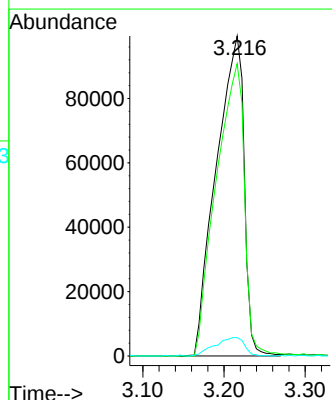
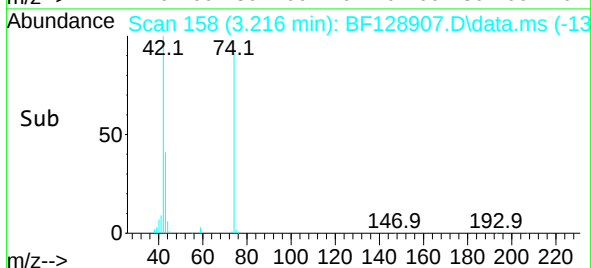
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

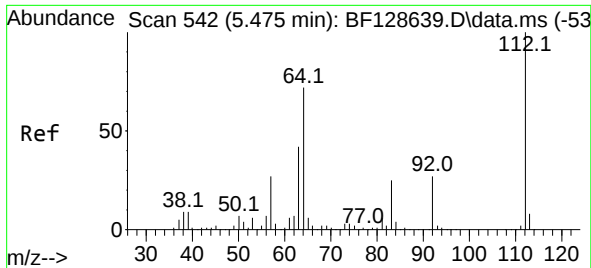


#4
n-Nitrosodimethylamine
Concen: 49.398 ng
RT: 3.216 min Scan# 158
Delta R.T. 0.047 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



Tgt Ion: 42 Resp: 236775
Ion Ratio Lower Upper
42 100
74 91.3 94.8 142.2#
44 5.8 6.6 10.0#





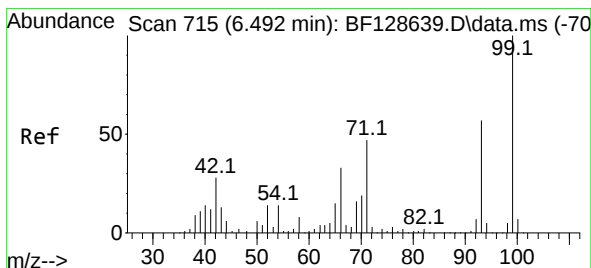
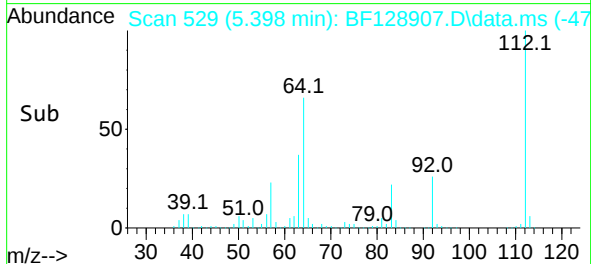
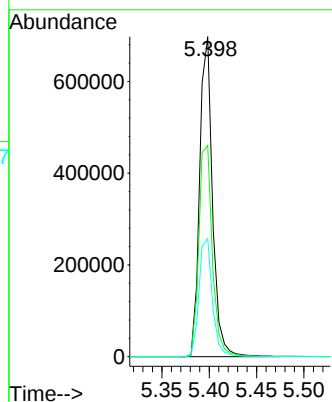
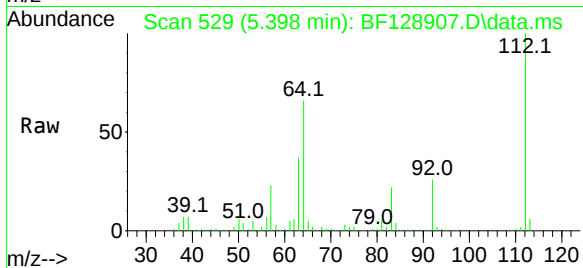
#5
2-Fluorophenol
Concen: 94.054 ng
RT: 5.398 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:112 Resp: 659198
Ion Ratio Lower Upper
112 100
64 66.0 53.3 79.9
63 36.9 28.0 42.0

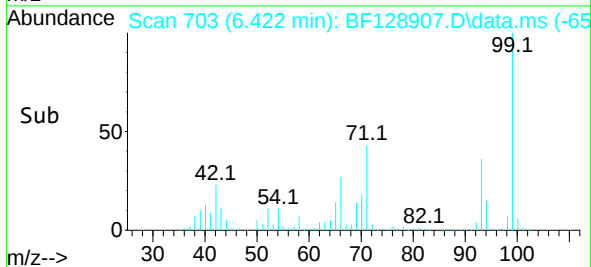
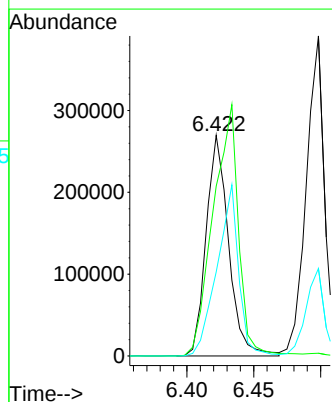
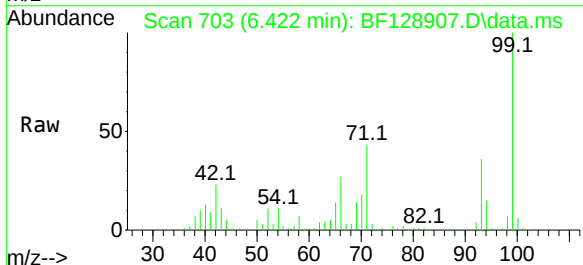
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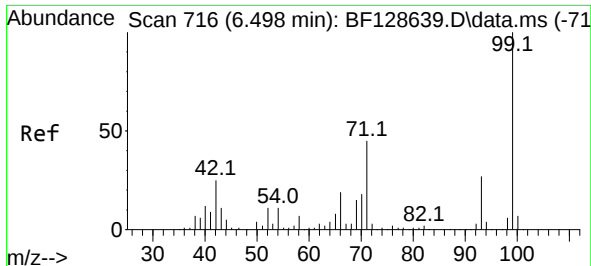
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#6
Aniline
Concen: 34.252 ng m
RT: 6.422 min Scan# 703
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

Tgt Ion: 93 Resp: 316037
Ion Ratio Lower Upper
93 100
66 77.0 32.5 48.7#
65 38.1 16.4 24.6#





#7

Phenol-d6

Concen: 96.446 ng

RT: 6.422 min Scan# 703

Delta R.T. 0.006 min

Lab File: BF128907.D

Acq: 21 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

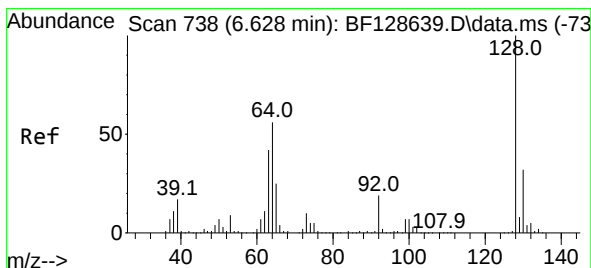
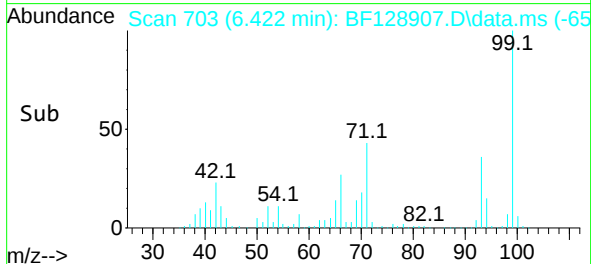
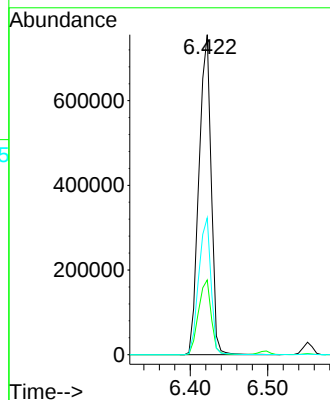
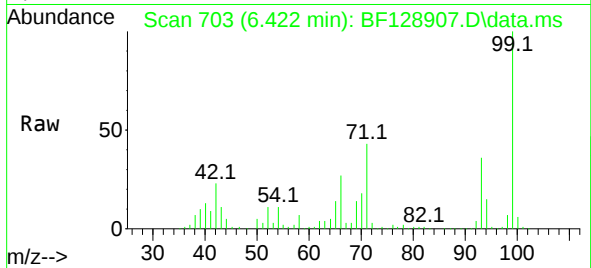
Tgt Ion: 99 Resp: 825129

Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.3	25.9
71	42.8	28.9	43.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 53.407 ng

RT: 6.551 min Scan# 725

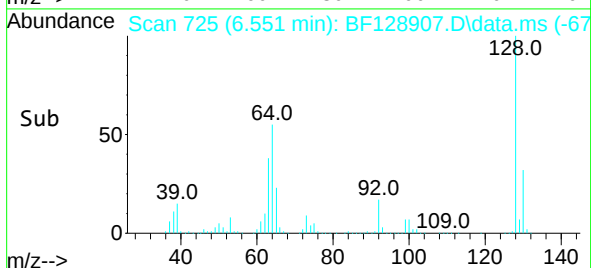
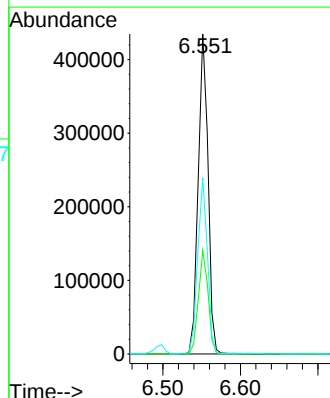
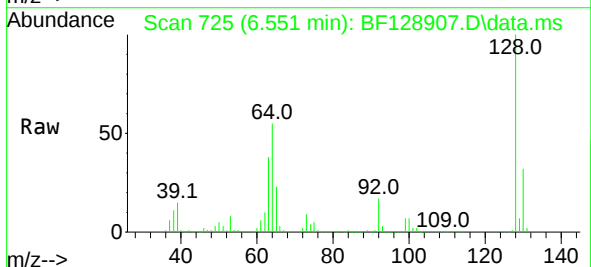
Delta R.T. 0.000 min

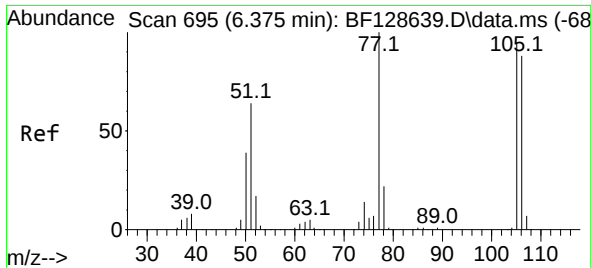
Lab File: BF128907.D

Acq: 21 Jun 2022 19:58

Tgt Ion:128 Resp: 383012

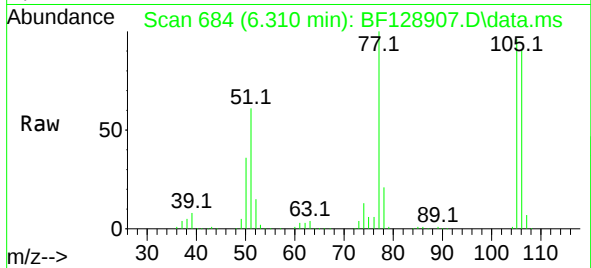
Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.1	53.1
64	55.1	30.9	70.9





#9
Benzaldehyde
Concen: 51.844 ng
RT: 6.310 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

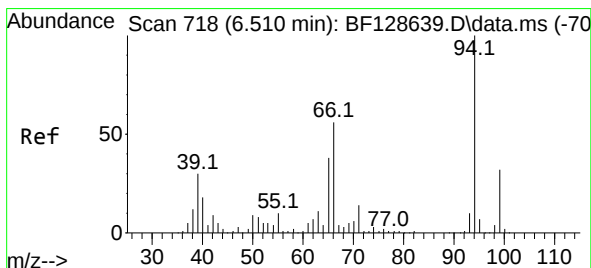
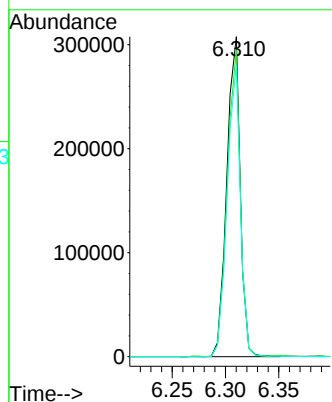
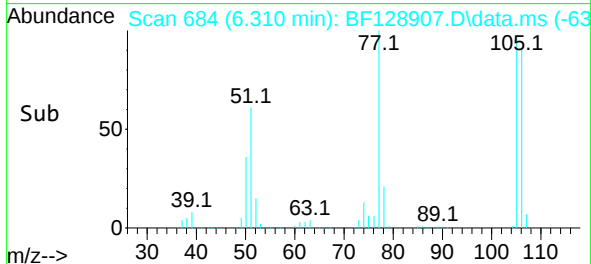
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



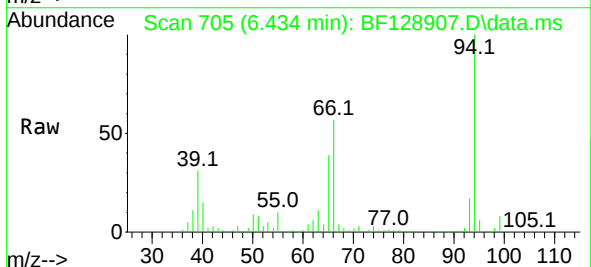
Tgt Ion: 77 Resp: 270215
Ion Ratio Lower Upper
77 100
105 95.9 81.6 121.6
106 91.2 76.1 116.1

Manual Integrations
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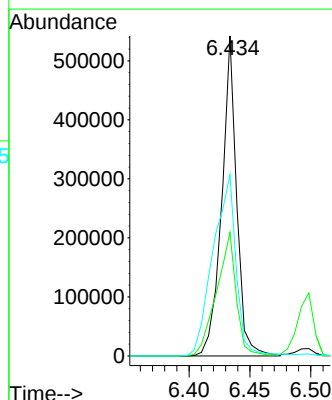
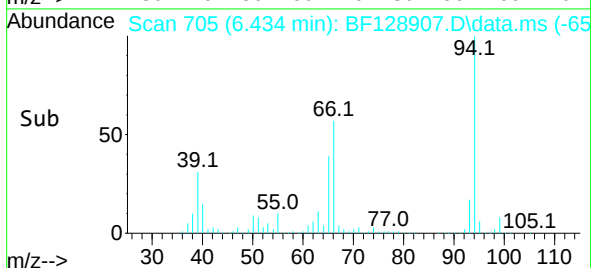
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

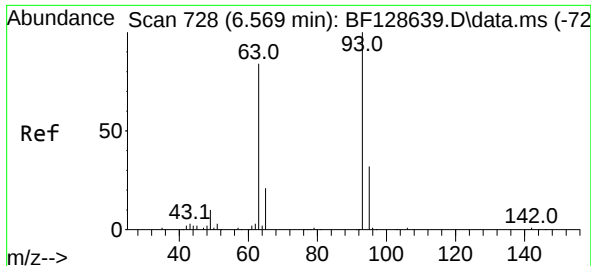


#10
Phenol
Concen: 51.304 ng
RT: 6.434 min Scan# 705
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



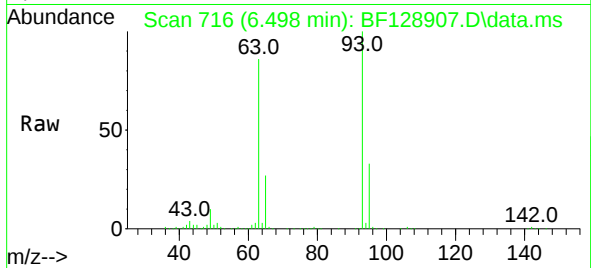
Tgt Ion: 94 Resp: 463973
Ion Ratio Lower Upper
94 100
65 38.6 11.4 51.4
66 56.7 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 54.241 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

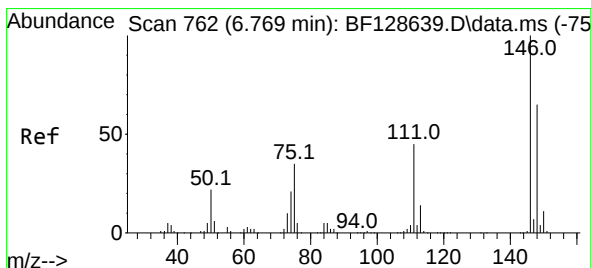
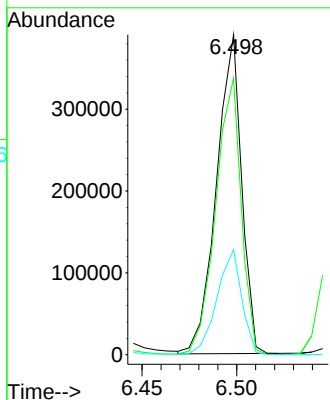
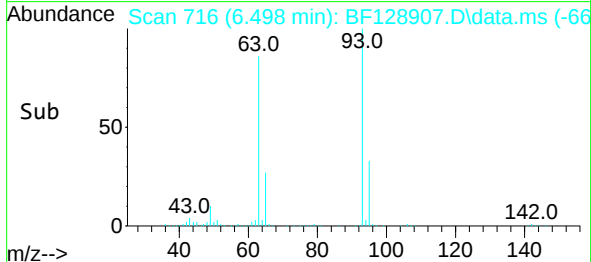
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



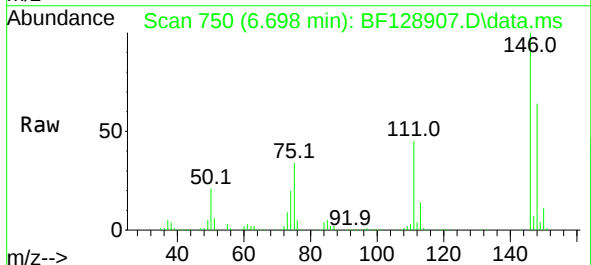
Tgt Ion: 93 Resp: 359448
Ion Ratio Lower Upper
93 100
63 86.4 67.4 107.4
95 32.8 12.7 52.7

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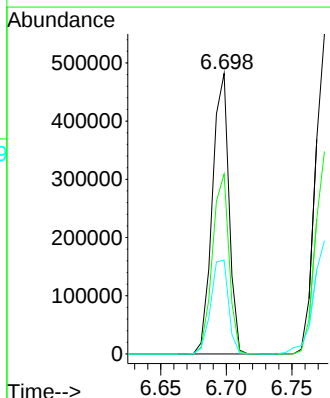
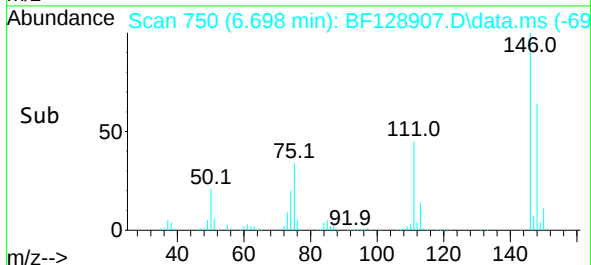
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

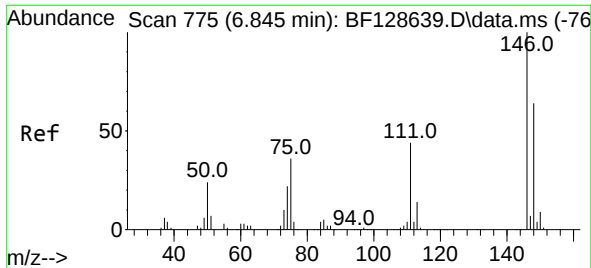


#12
1,3-Dichlorobenzene
Concen: 51.131 ng
RT: 6.698 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



Tgt Ion:146 Resp: 423916
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
75 33.5 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 51.480 ng

RT: 6.775 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF128907.D

Acq: 21 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion:146 Resp: 43106

Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

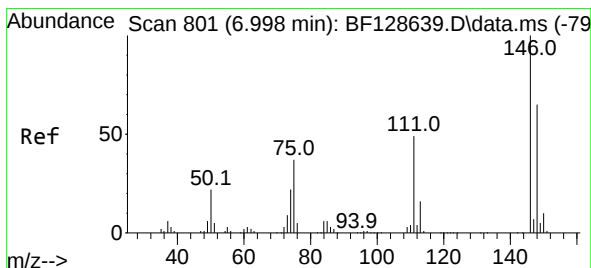
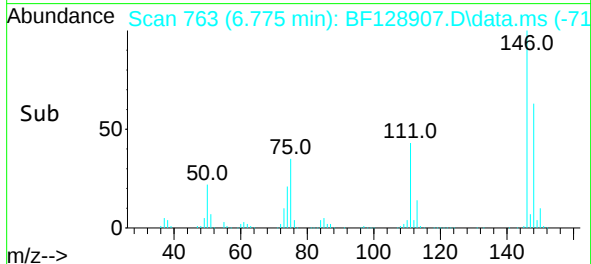
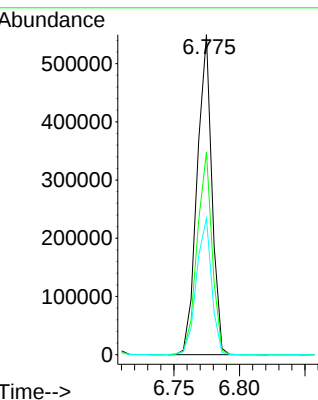
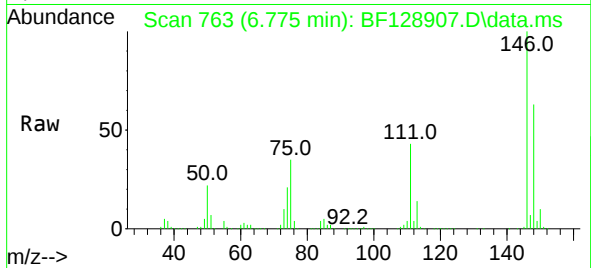
111 42.6 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/22/2022

Supervised By :Jagrut Upadhyay 06/22/2022



#14

1,2-Dichlorobenzene

Concen: 51.715 ng

RT: 6.928 min Scan# 789

Delta R.T. 0.000 min

Lab File: BF128907.D

Acq: 21 Jun 2022 19:58

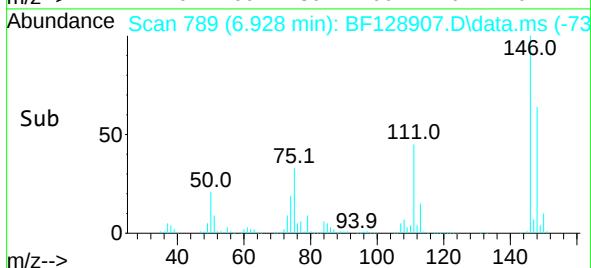
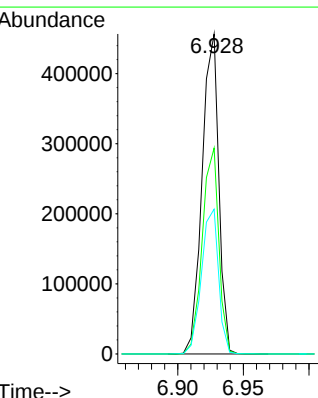
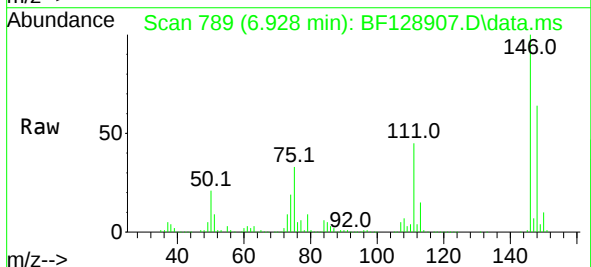
Tgt Ion:146 Resp: 405066

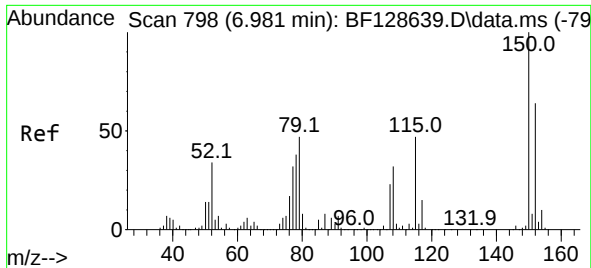
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

111 45.3 35.1 52.7





#15

Benzyl Alcohol

Concen: 50.846 ng

RT: 6.916 min Scan# 79

Delta R.T. 0.006 min

Lab File: BF128907.D

Acq: 21 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion: 79 Resp: 36396

Ion Ratio Lower Upper

79 100

108 69.3 61.8 92.6

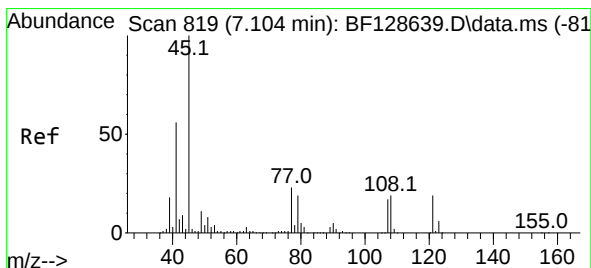
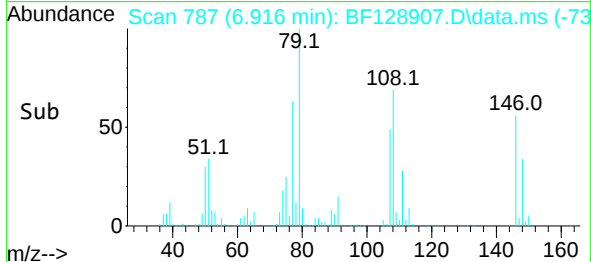
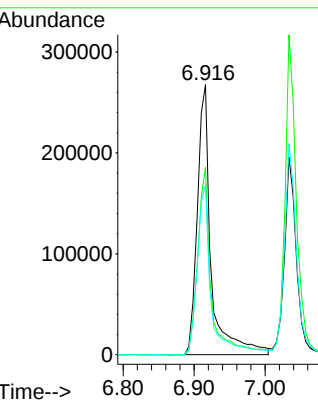
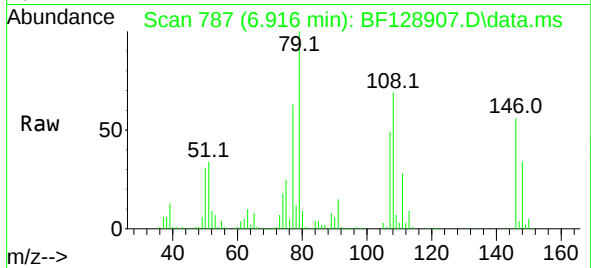
77 63.0 50.2 75.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/22/2022

Supervised By :Jagrut Upadhyay 06/22/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.812 ng

RT: 7.034 min Scan# 807

Delta R.T. -0.006 min

Lab File: BF128907.D

Acq: 21 Jun 2022 19:58

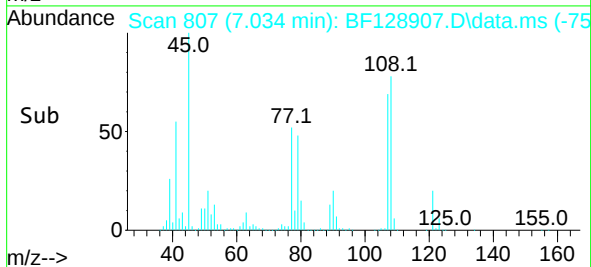
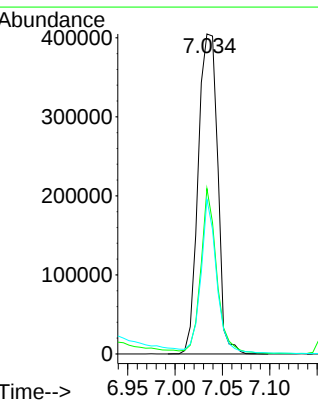
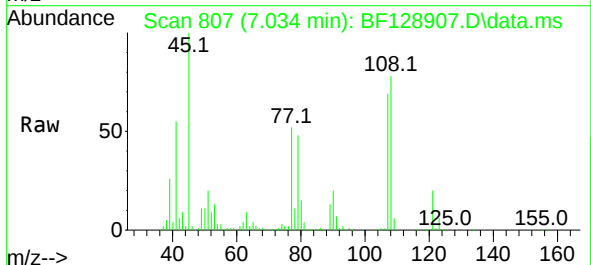
Tgt Ion: 45 Resp: 576626

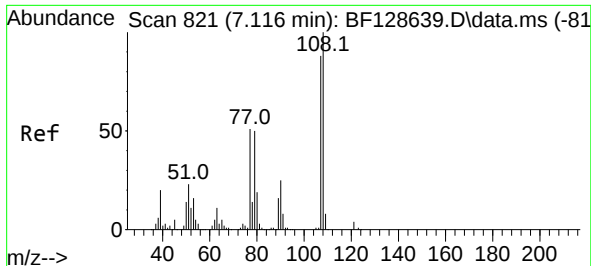
Ion Ratio Lower Upper

45 100

77 51.7 0.0 31.3#

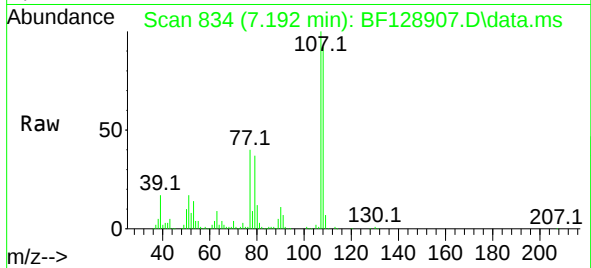
79 48.3 0.0 28.3#





#17
2-Methylphenol
Concen: 70.773 ng
RT: 7.192 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

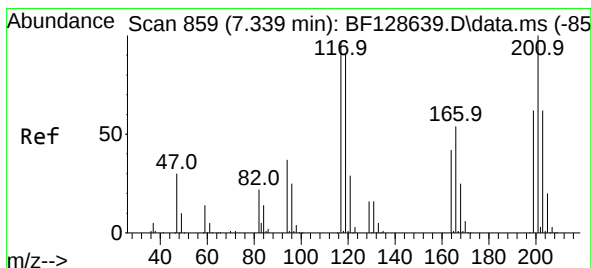
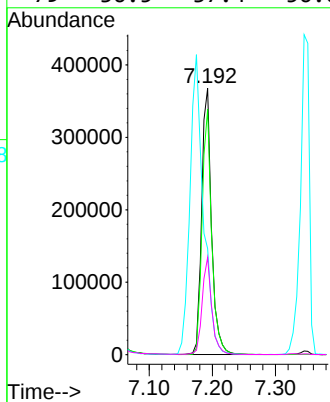
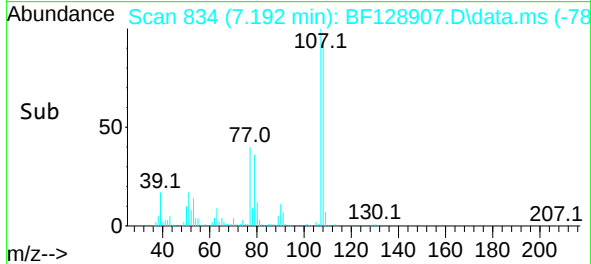
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:107 Resp: 401145
Ion Ratio Lower Upper
107 100
108 92.2 91.9 137.9
77 39.8 37.8 56.8
79 36.5 37.4 56.0#

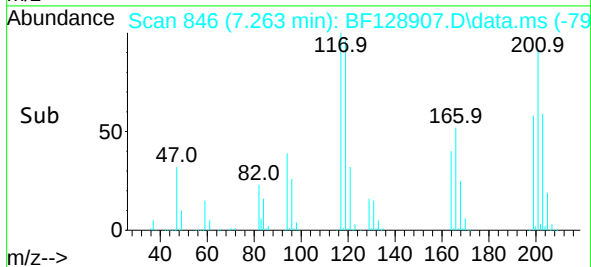
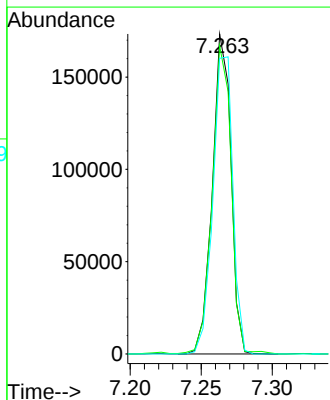
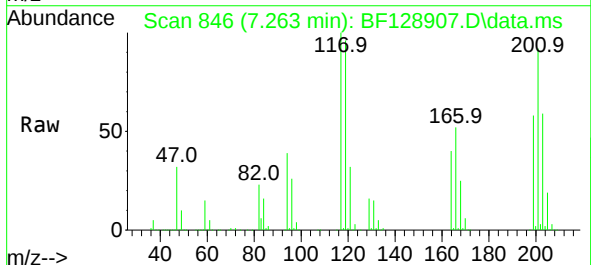
Manual Integrations
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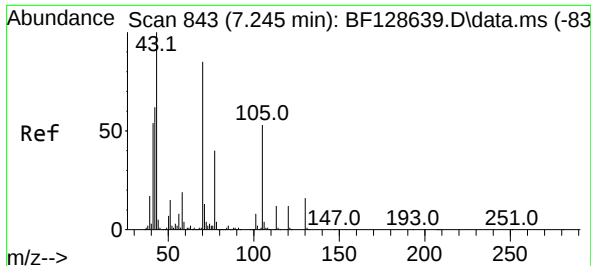
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#18
Hexachloroethane
Concen: 50.605 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

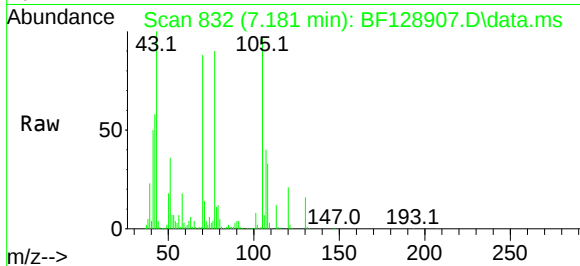
Tgt Ion:117 Resp: 157645
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
201 92.4 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 55.451 ng
RT: 7.181 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

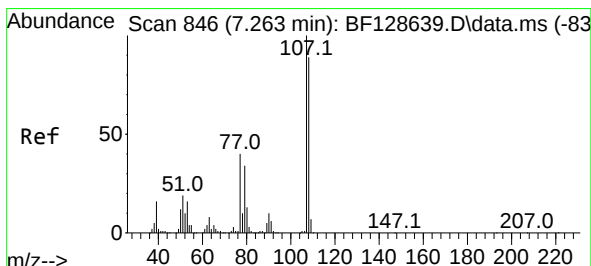
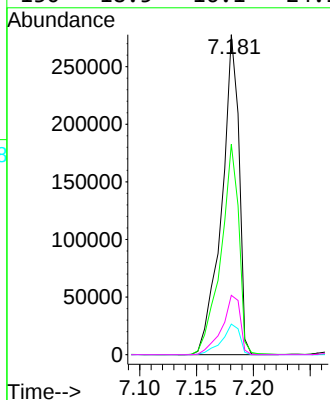
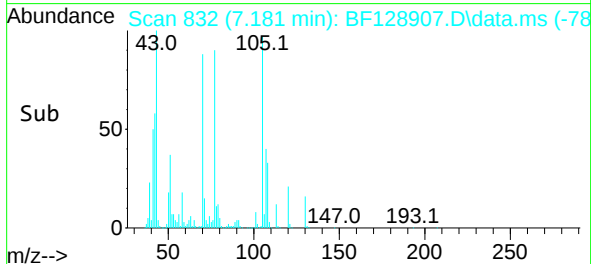
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



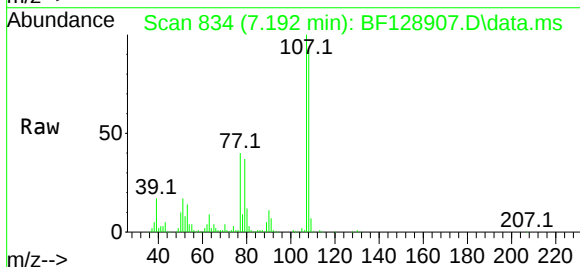
Tgt Ion: 70 Resp: 294964
Ion Ratio Lower Upper
70 100
42 65.8 52.3 78.5
101 9.5 7.5 11.3
130 18.5 16.1 24.1

Manual Integrations
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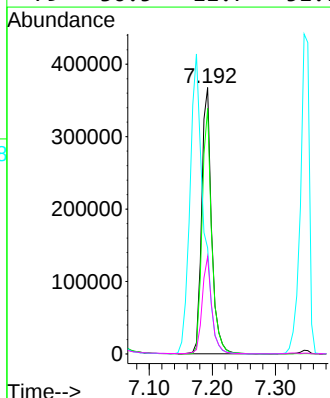
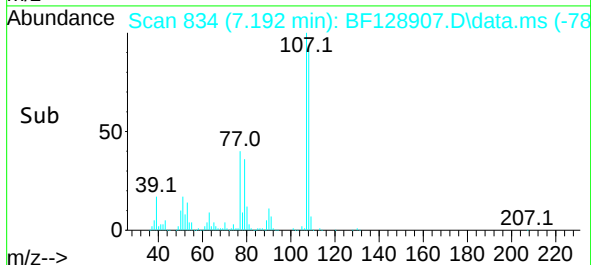
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

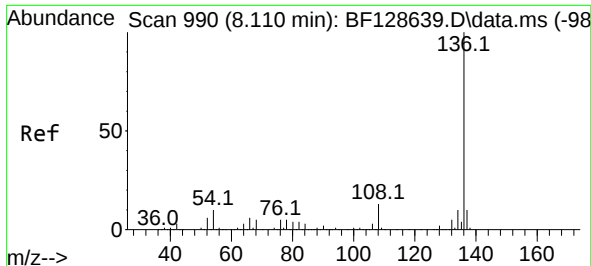


#20
3+4-Methylphenols
Concen: 53.012 ng
RT: 7.192 min Scan# 834
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



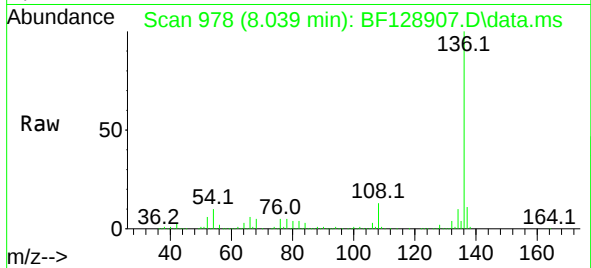
Tgt Ion:107 Resp: 401145
Ion Ratio Lower Upper
107 100
108 92.2 71.8 111.8
77 39.8 59.3 99.3#
79 36.5 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

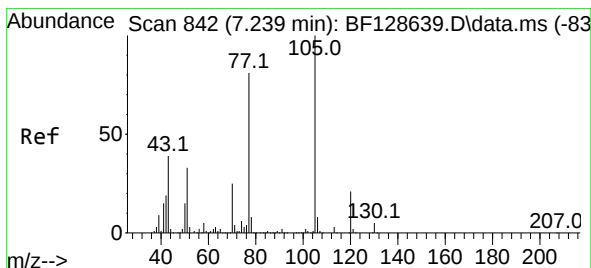
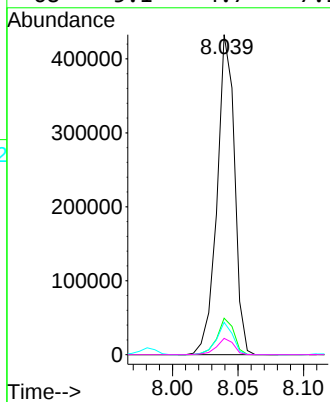
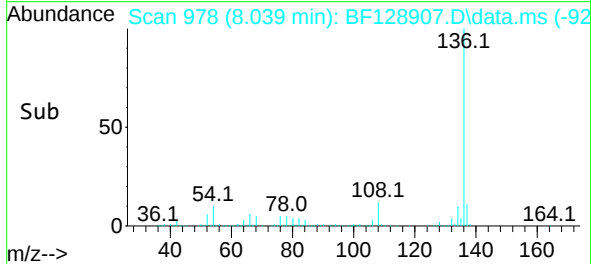
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



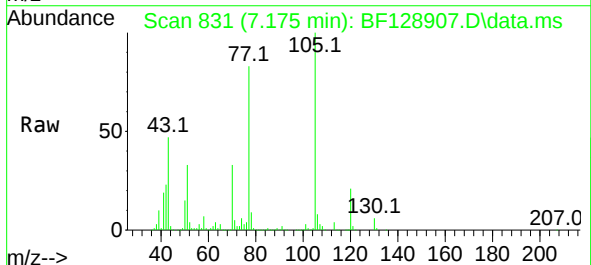
Tgt Ion:136 Resp: 400638
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 10.1 7.5 11.3
68 5.1 4.7 7.1

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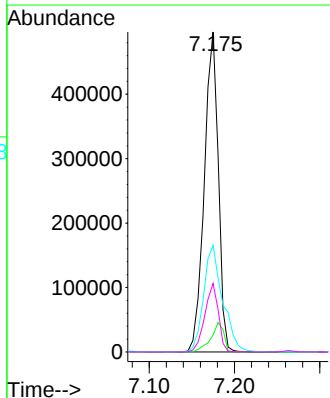
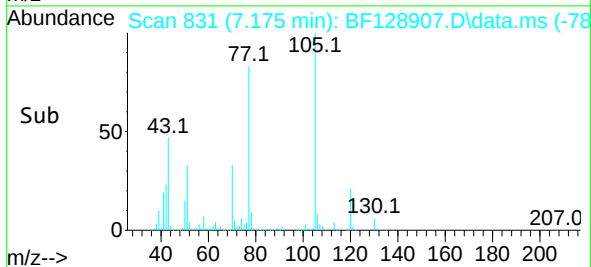
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#22
Acetophenone
Concen: 54.110 ng
RT: 7.175 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



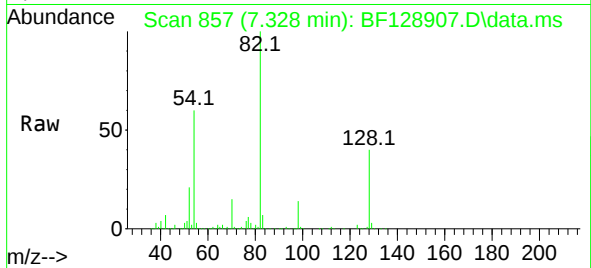
Tgt Ion:105 Resp: 566996
Ion Ratio Lower Upper
105 100
71 5.3 5.0 7.4
51 33.4 25.0 37.4
120 21.4 17.8 26.8





#23
Nitrobenzene-d5
Concen: 67.786 ng
RT: 7.328 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

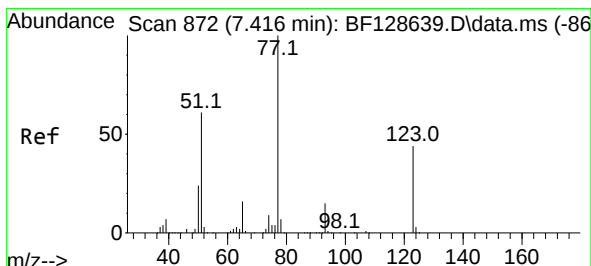
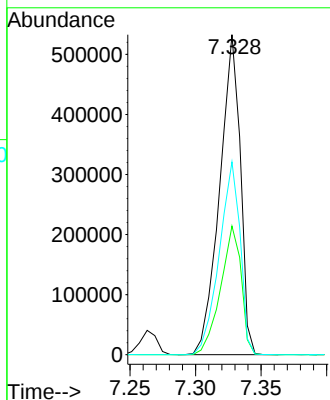
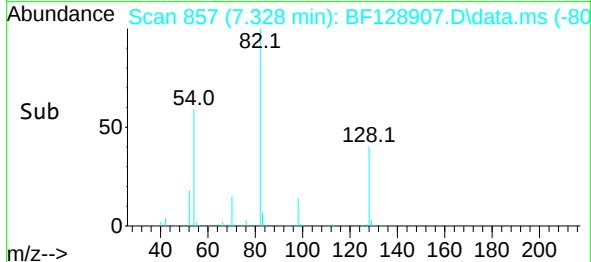
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion: 82 Resp: 583299
Ion Ratio Lower Upper
82 100
128 40.2 34.0 51.0
54 60.2 46.9 70.3

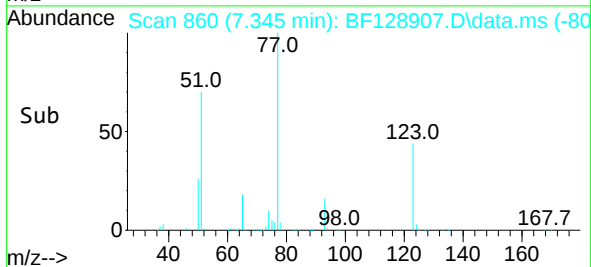
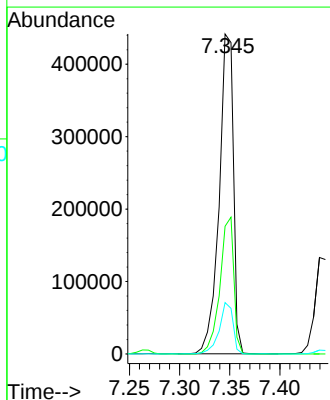
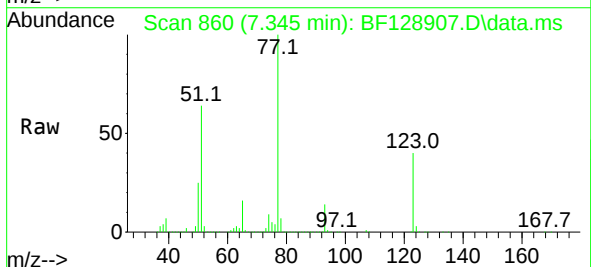
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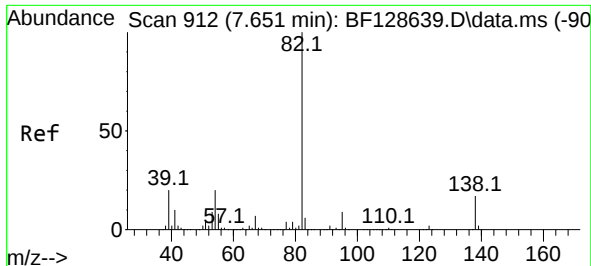
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#24
Nitrobenzene
Concen: 55.201 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

Tgt Ion: 77 Resp: 436090
Ion Ratio Lower Upper
77 100
123 39.9 35.4 53.2
65 16.1 11.8 17.8





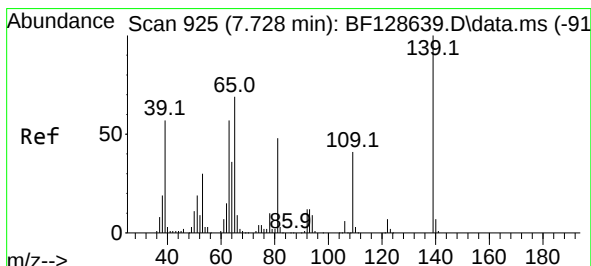
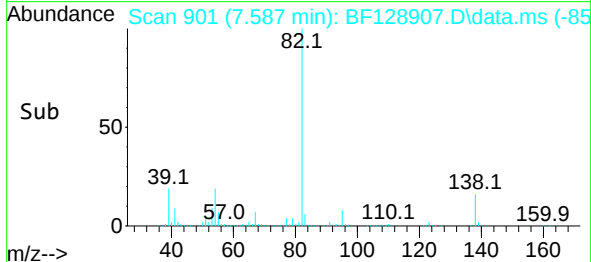
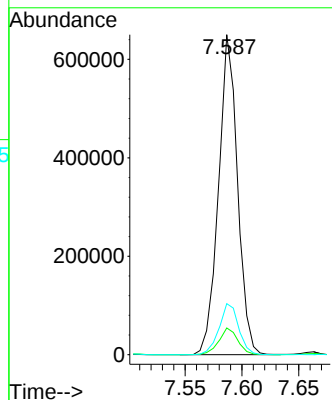
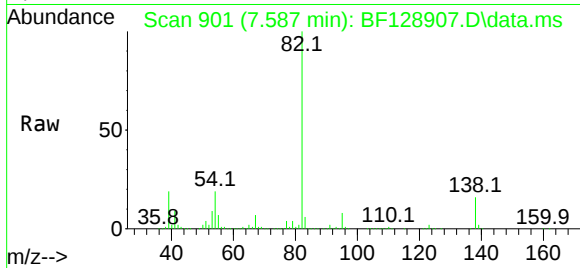
#25
Isophorone
Concen: 58.037 ng
RT: 7.587 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion: 82 Resp: 758492
Ion Ratio Lower Upper
82 100
95 8.4 5.7 8.5
138 16.0 14.2 21.2

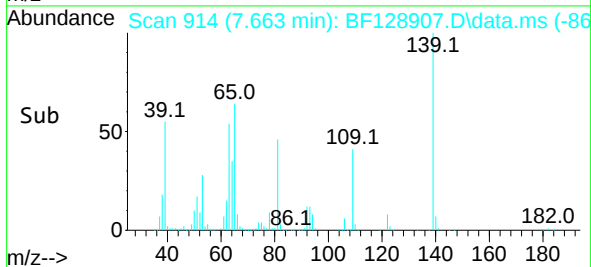
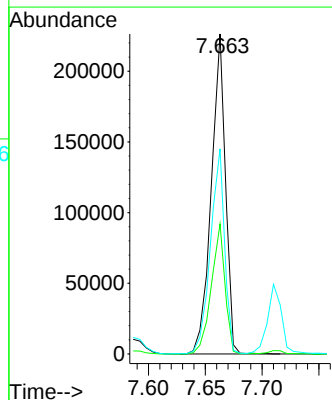
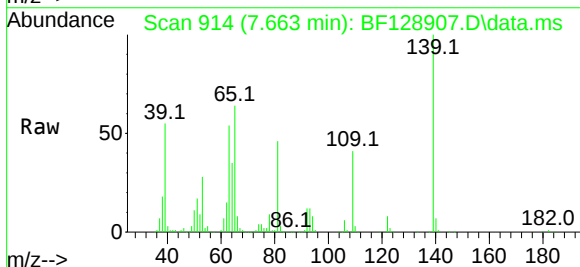
Manual Integrations
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Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#26
2-Nitrophenol
Concen: 56.412 ng
RT: 7.663 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

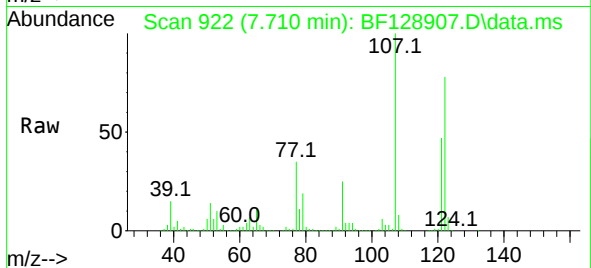
Tgt Ion:139 Resp: 196355
Ion Ratio Lower Upper
139 100
109 40.6 25.0 37.4#
65 64.1 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 62.629 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

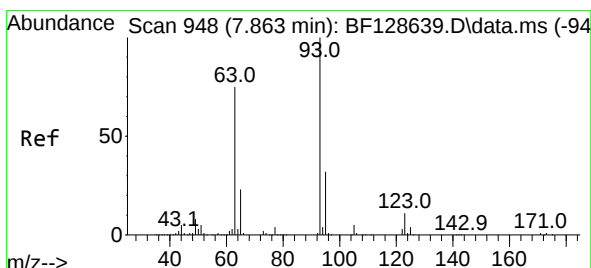
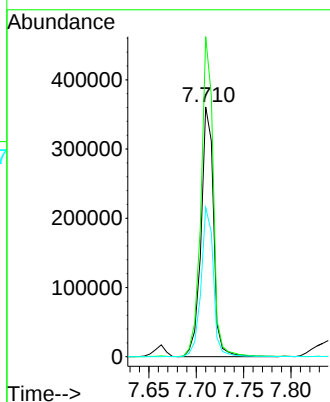
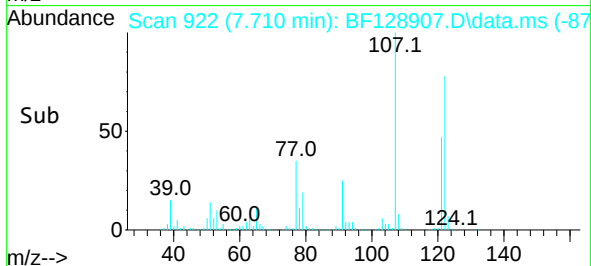
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:122 Resp: 332069
Ion Ratio Lower Upper
122 100
107 128.1 93.0 139.6
121 59.7 46.6 70.0

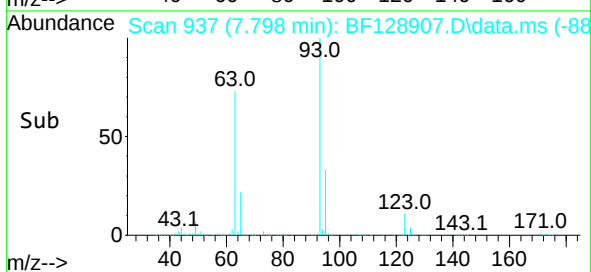
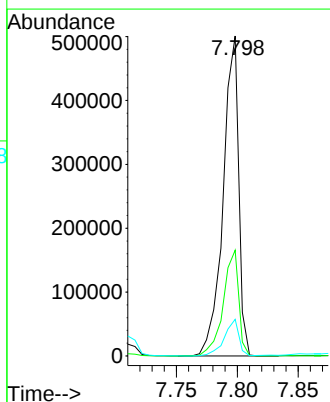
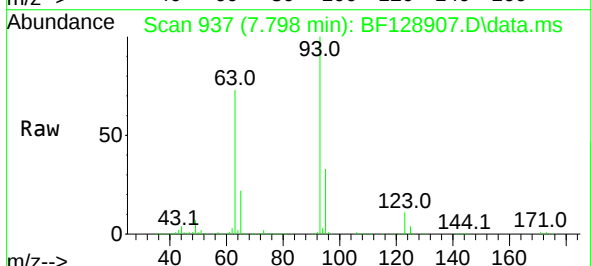
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#28
bis(2-Chloroethoxy)methane
Concen: 53.937 ng
RT: 7.798 min Scan# 937
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

Tgt Ion: 93 Resp: 445614
Ion Ratio Lower Upper
93 100
95 33.1 26.8 40.2
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 50.856 ng

RT: 7.916 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF128907.D

Acq: 21 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

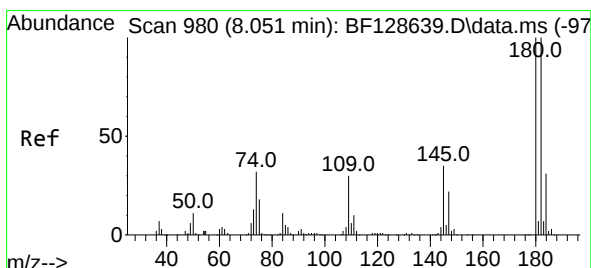
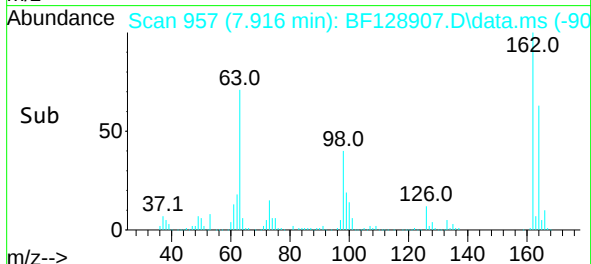
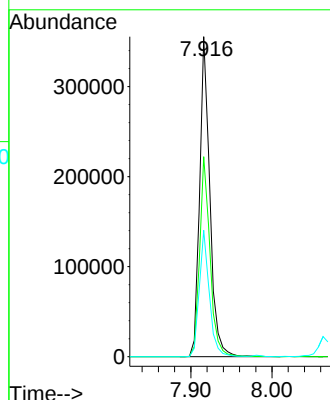
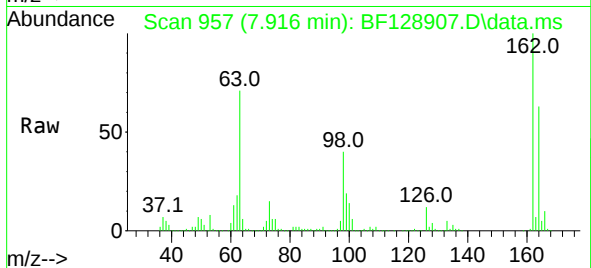
WC-3MSD

Tgt Ion:162 Resp: 31208
 Ion Ratio Lower Upper
 162 100
 164 62.5 44.2 84.2
 98 39.5 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/22/2022
 Supervised By :Jagrut Upadhyay 06/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 48.457 ng

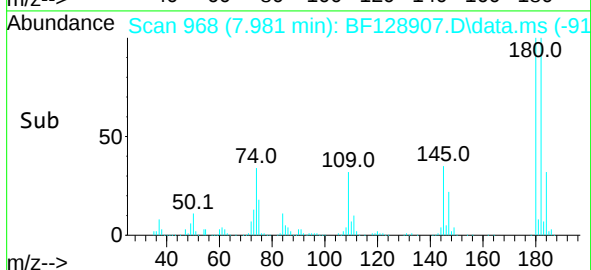
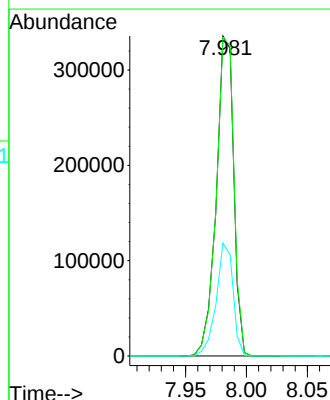
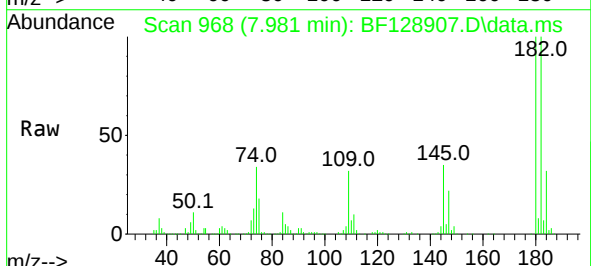
RT: 7.981 min Scan# 968

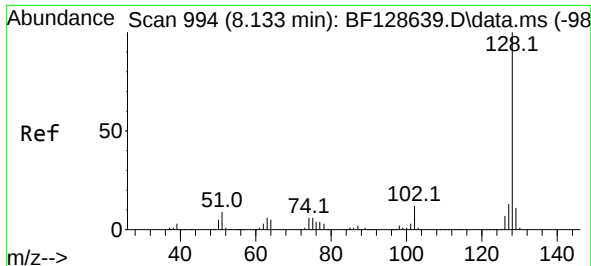
Delta R.T. 0.000 min

Lab File: BF128907.D

Acq: 21 Jun 2022 19:58

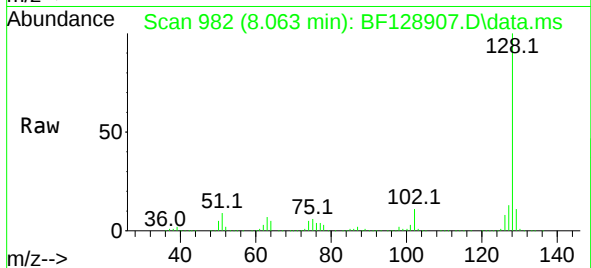
Tgt Ion:180 Resp: 334825
 Ion Ratio Lower Upper
 180 100
 182 99.6 79.2 118.8
 145 35.2 26.2 39.2





#31
Naphthalene
Concen: 52.285 ng
RT: 8.063 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

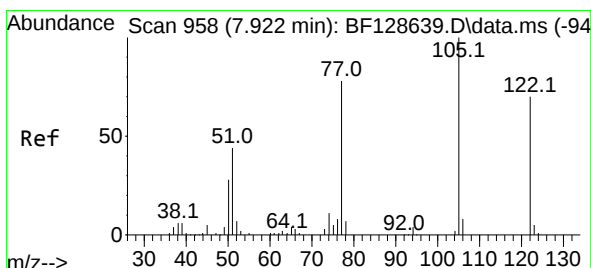
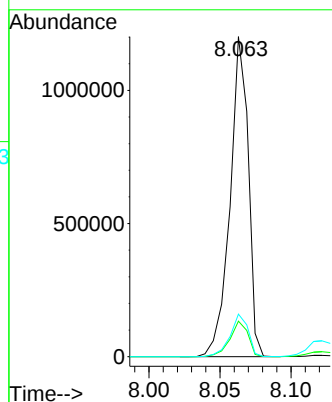
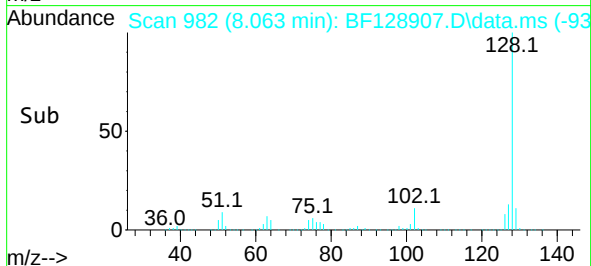
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:128 Resp: 1075034
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.3 10.5 15.7

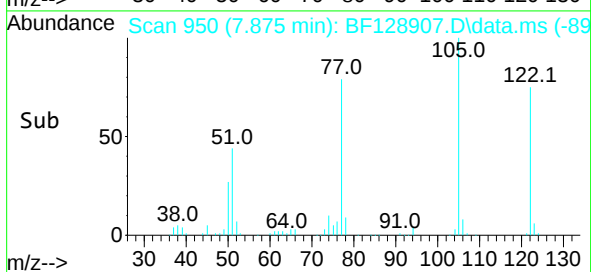
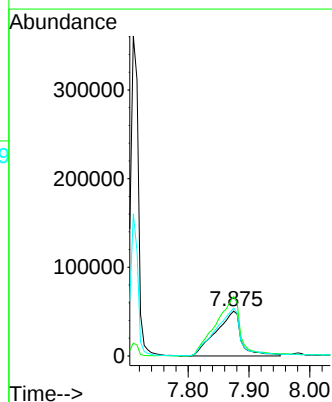
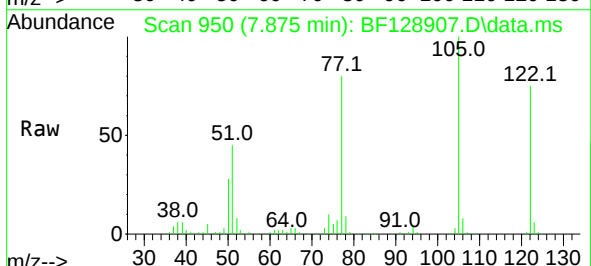
Manual Integrations
APPROVED

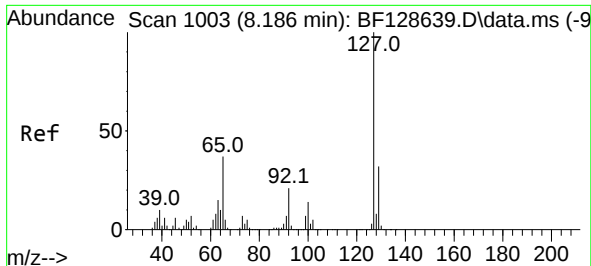
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#32
Benzoic acid
Concen: 38.933 ng
RT: 7.875 min Scan# 950
Delta R.T. 0.012 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

Tgt Ion:122 Resp: 146455
Ion Ratio Lower Upper
122 100
105 133.1 107.1 147.1
77 106.8 74.2 114.2





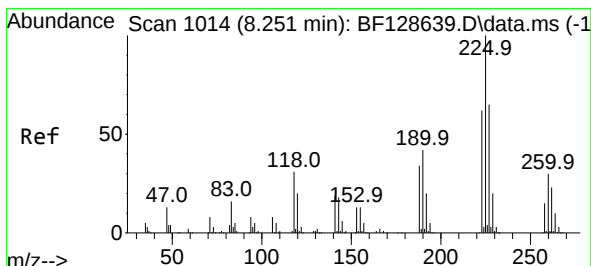
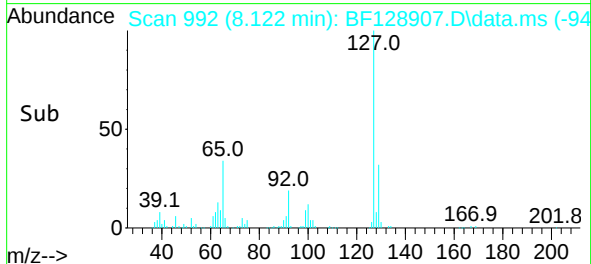
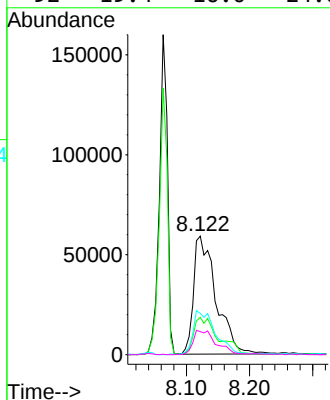
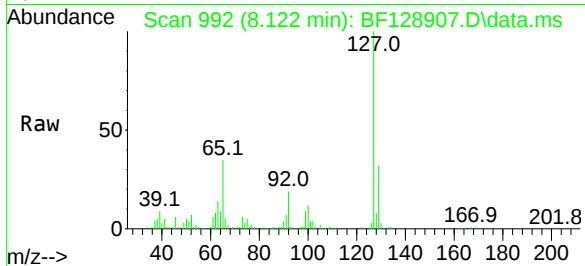
#33
4-Chloroaniline
Concen: 19.035 ng
RT: 8.122 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:127	Resp:	14755
Ion Ratio	Lower	Upper
127	100	
129	31.6	26.4 39.6
65	34.8	26.4 39.6
92	19.4	16.0 24.0

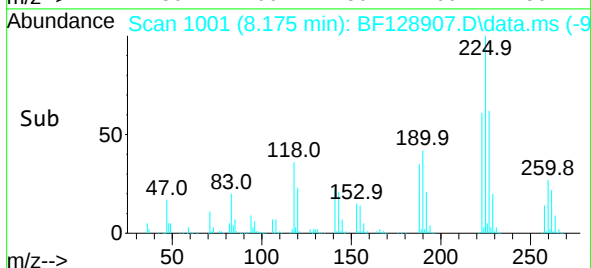
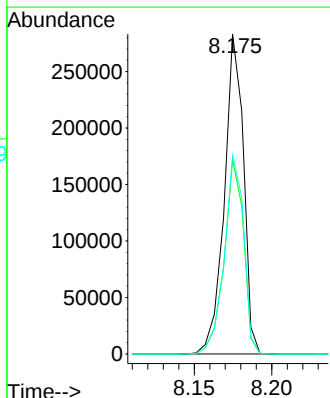
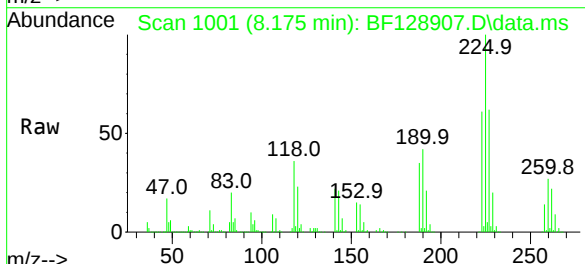
Manual Integrations
APPROVED

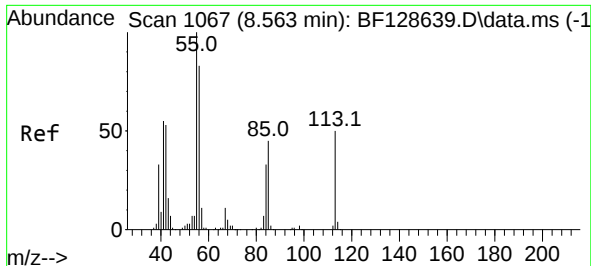
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#34
Hexachlorobutadiene
Concen: 49.479 ng
RT: 8.175 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

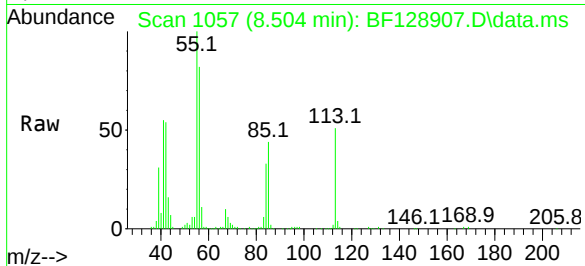
Tgt Ion:225	Resp:	242467
Ion Ratio	Lower	Upper
225	100	
223	60.8	51.0 76.6
227	62.0	51.1 76.7





#35
Caprolactam
Concen: 53.133 ng m
RT: 8.504 min Scan# 1077
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

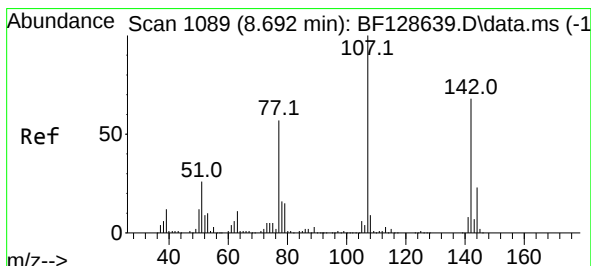
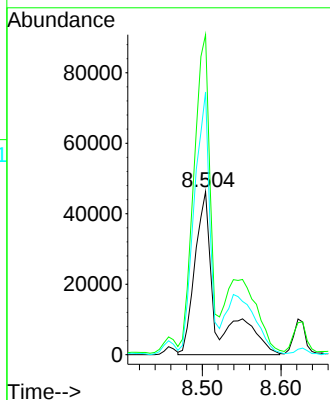
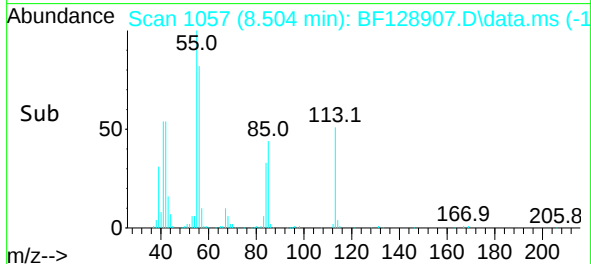
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:113 Resp: 90164
Ion Ratio Lower Upper
113 100
55 196.3 188.5 228.5
56 161.2 130.6 170.6

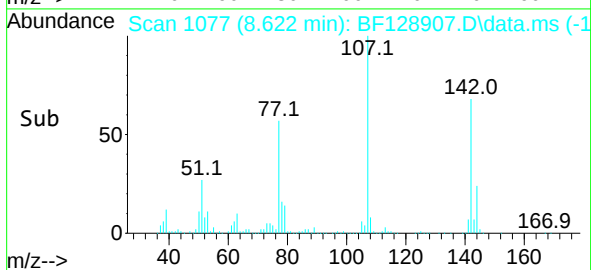
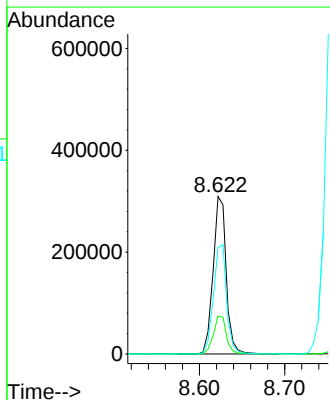
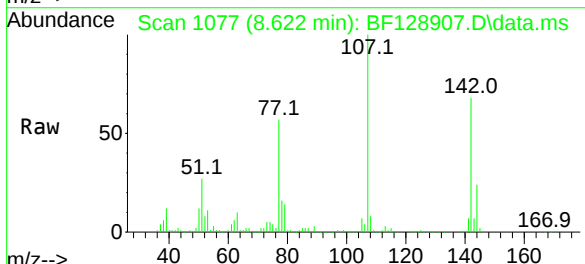
Manual Integrations
APPROVED

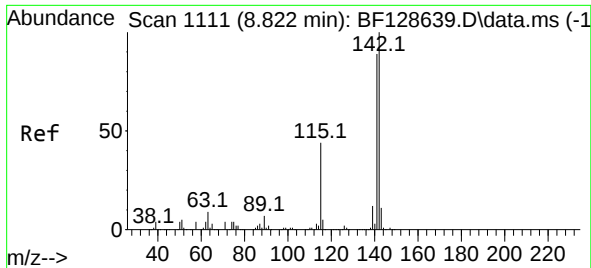
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#36
4-Chloro-3-methylphenol
Concen: 49.422 ng
RT: 8.622 min Scan# 1077
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

Tgt Ion:107 Resp: 330988
Ion Ratio Lower Upper
107 100
144 24.1 19.5 29.3
142 67.7 58.2 87.4





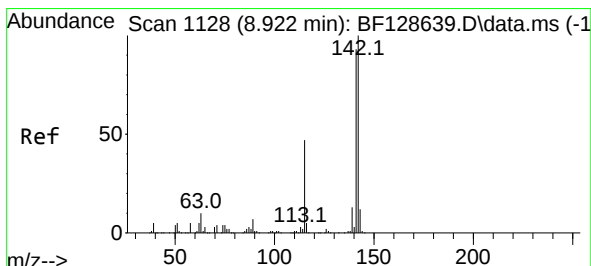
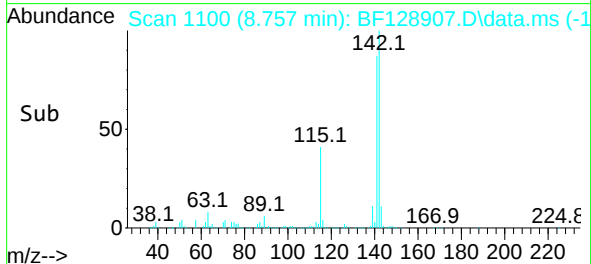
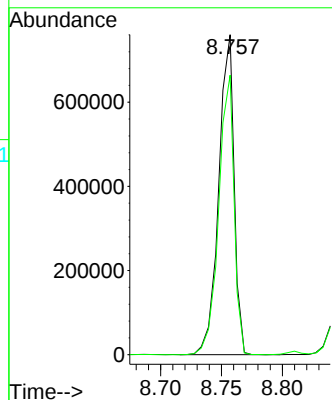
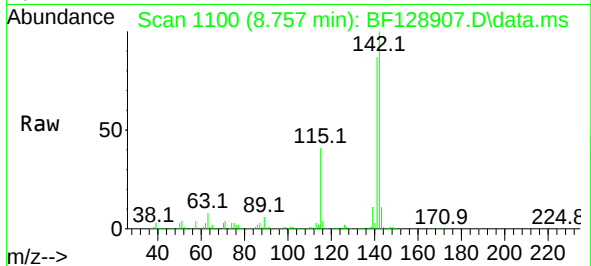
#37
2-Methylnaphthalene
Concen: 50.975 ng
RT: 8.757 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:142 Resp: 666654
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.4

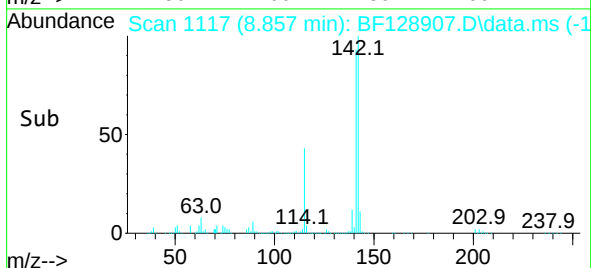
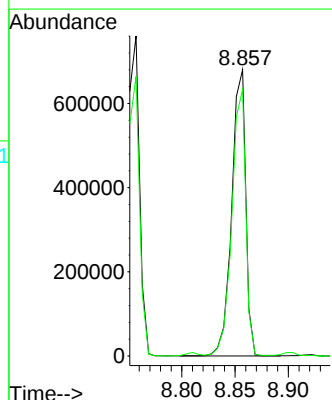
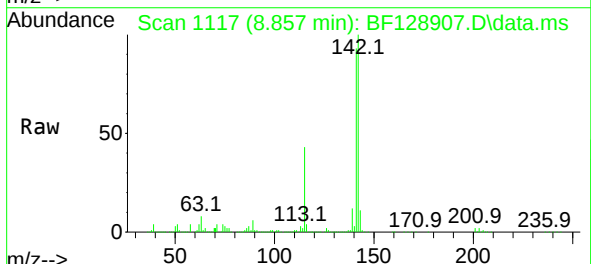
Manual Integrations
APPROVED

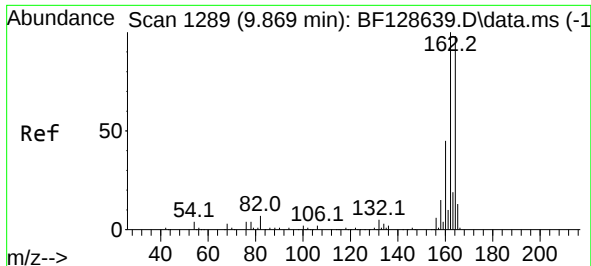
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#38
1-Methylnaphthalene
Concen: 49.256 ng
RT: 8.857 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

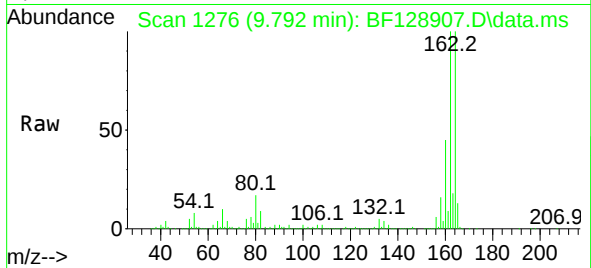
Tgt Ion:142 Resp: 622366
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

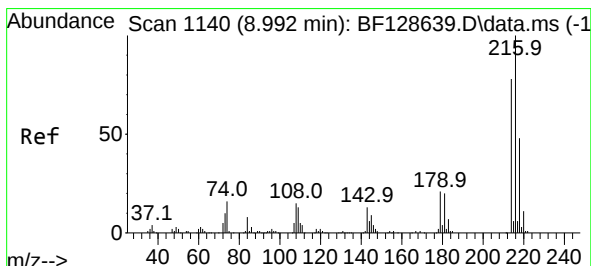
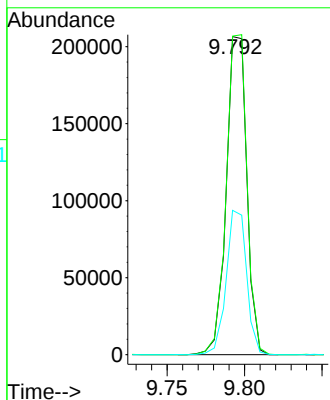
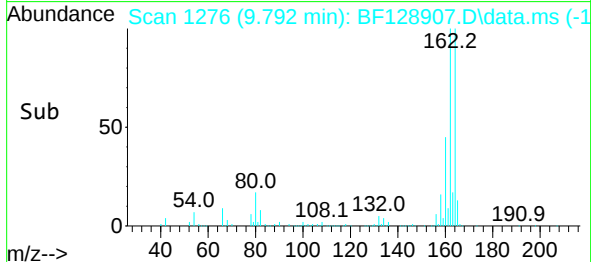
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



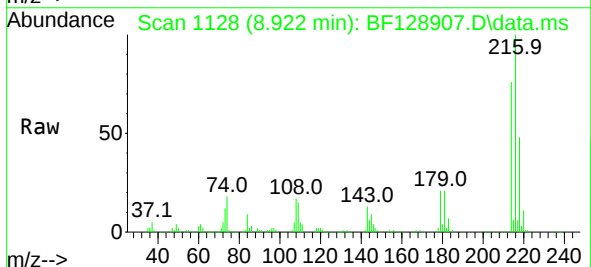
Tgt Ion:164 Resp: 190374
Ion Ratio Lower Upper
164 100
162 100.1 79.5 119.3
160 45.4 34.2 51.4

Manual Integrations
APPROVED

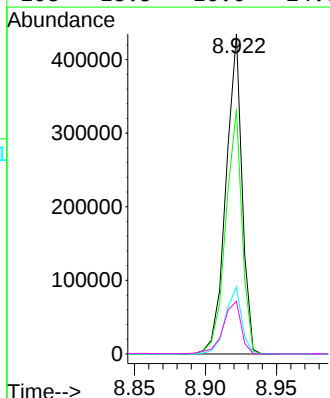
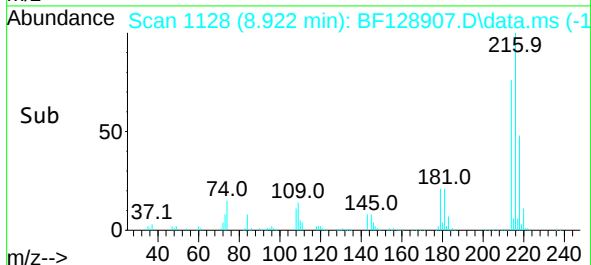
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.835 ng
RT: 8.922 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



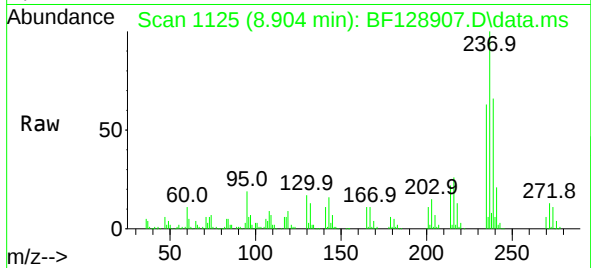
Tgt Ion:216 Resp: 341946
Ion Ratio Lower Upper
216 100
214 77.4 63.6 95.4
179 21.2 17.0 25.6
108 18.5 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 16.985 ng
RT: 8.904 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

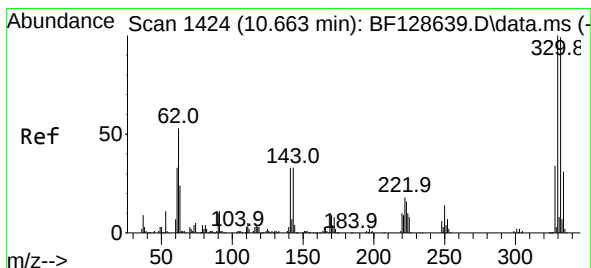
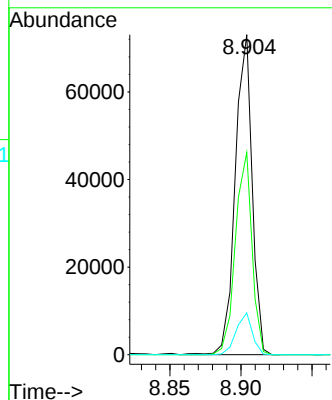
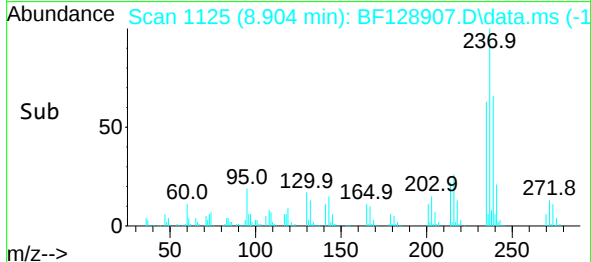
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



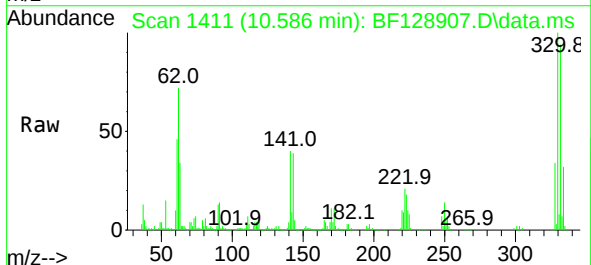
Tgt Ion: 237 Resp: 60360
Ion Ratio Lower Upper
237 100
235 63.2 43.2 83.2
272 13.1 0.0 31.9

Manual Integrations
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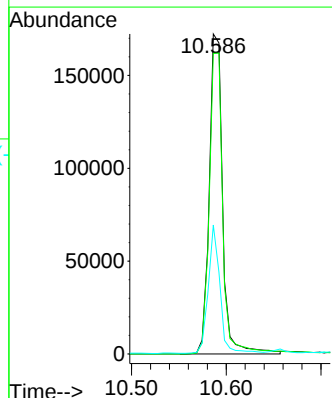
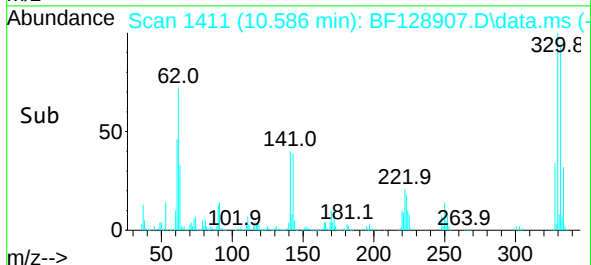
Reviewed By : Christian Giraldo 06/22/2022
Supervised By : Jagrut Upadhyay 06/22/2022

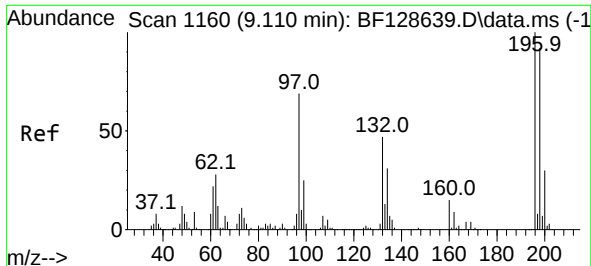


#42
2,4,6-Tribromophenol
Concen: 74.901 ng
RT: 10.586 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



Tgt Ion: 330 Resp: 168480
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 34.9 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 50.570 ng

RT: 9.039 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF128907.D

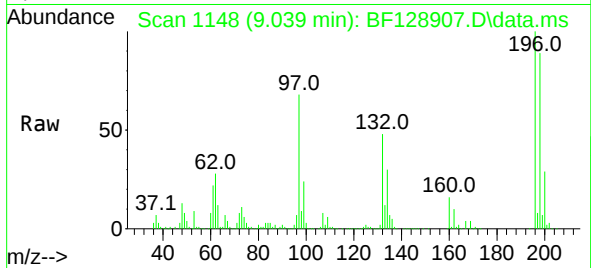
Acq: 21 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

WC-3MSD



Tgt Ion:196 Resp: 20219

Ion Ratio Lower Upper

196 100

198 89.4 74.0 111.0

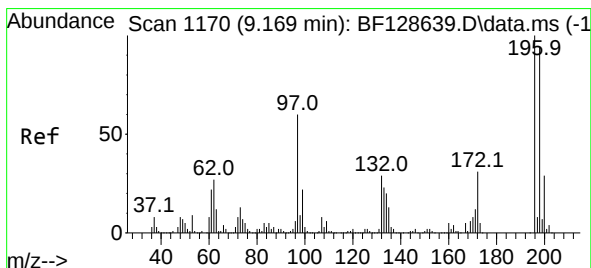
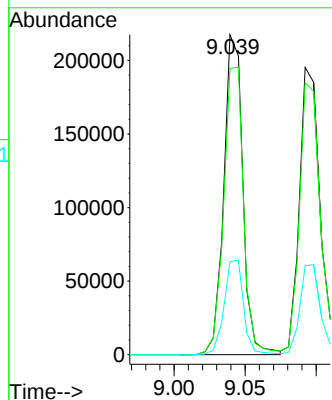
200 29.0 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/22/2022

Supervised By :Jagrut Upadhyay 06/22/2022



#44

2,4,5-Trichlorophenol

Concen: 48.942 ng

RT: 9.092 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF128907.D

Acq: 21 Jun 2022 19:58

Tgt Ion:196 Resp: 202224

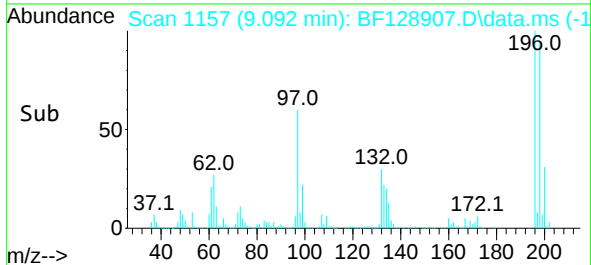
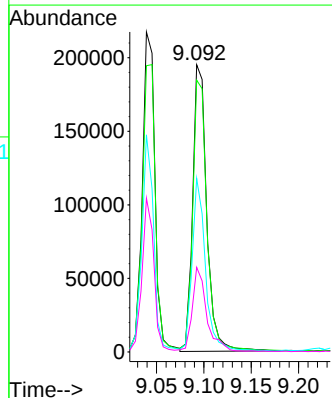
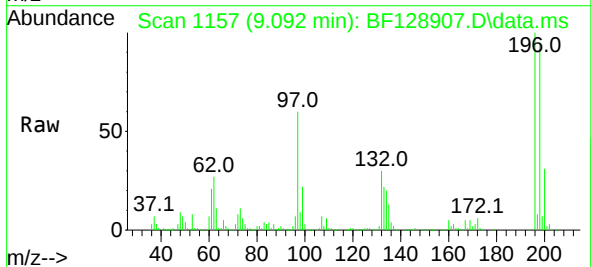
Ion Ratio Lower Upper

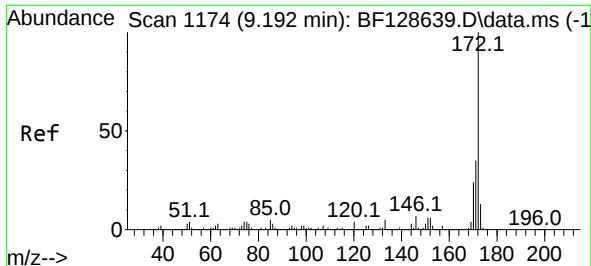
196 100

198 94.7 75.7 113.5

97 60.5 36.4 54.6#

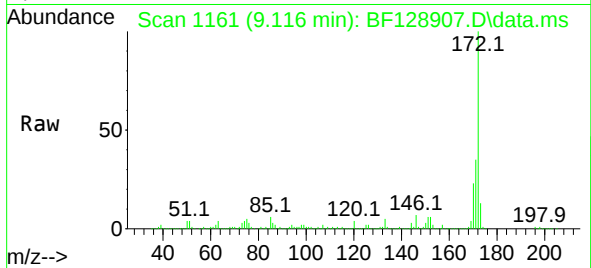
132 29.5 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 74.978 ng
RT: 9.116 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

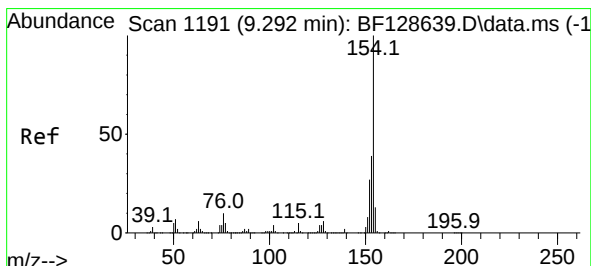
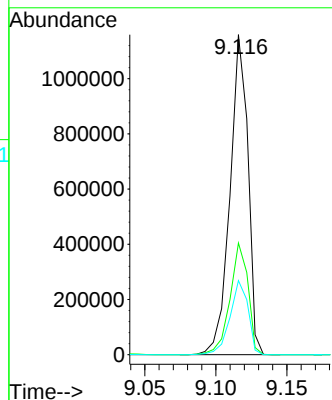
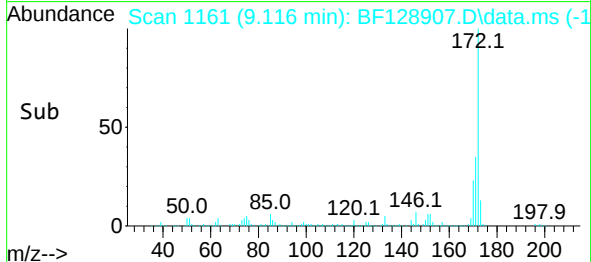
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



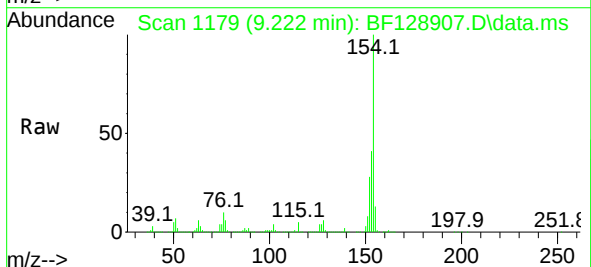
Tgt Ion:172 Resp: 1018974
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.1 19.8 29.8

Manual Integrations
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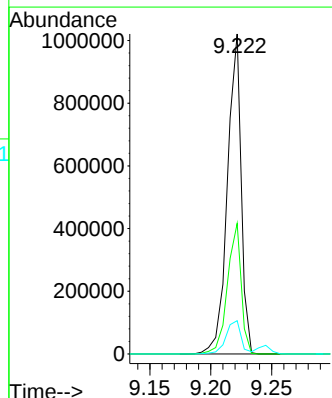
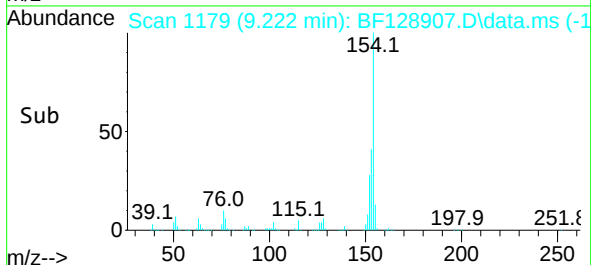
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

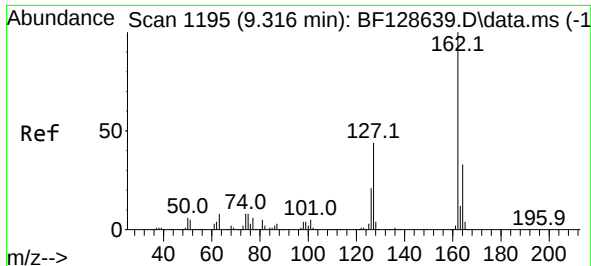


#46
1,1'-Biphenyl
Concen: 56.351 ng
RT: 9.222 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



Tgt Ion:154 Resp: 804923
Ion Ratio Lower Upper
154 100
153 40.8 20.6 60.6
76 10.4 0.0 33.3





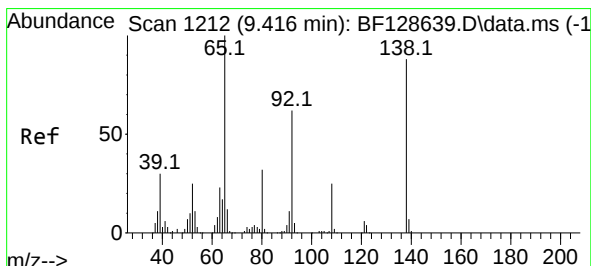
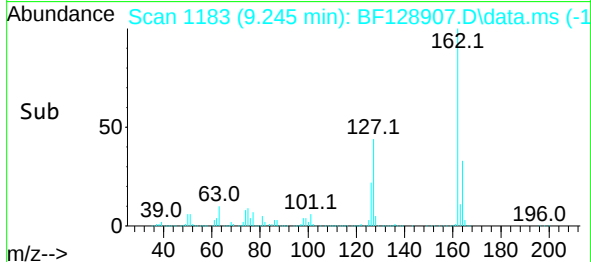
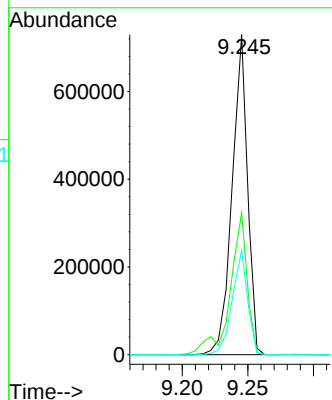
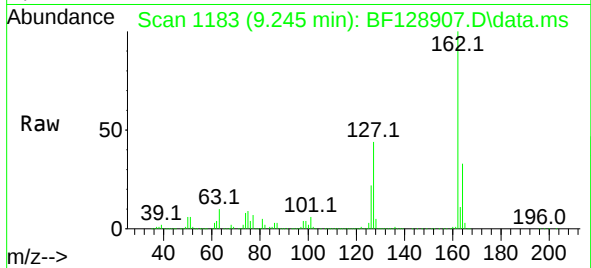
#47
2-Chloronaphthalene
Concen: 54.821 ng
RT: 9.245 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:162 Resp: 59753
Ion Ratio Lower Upper
162 100
127 44.4 34.5 51.7
164 32.6 26.5 39.7

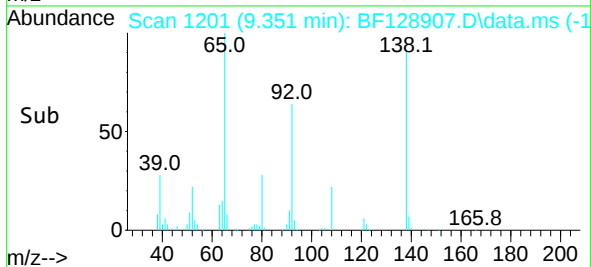
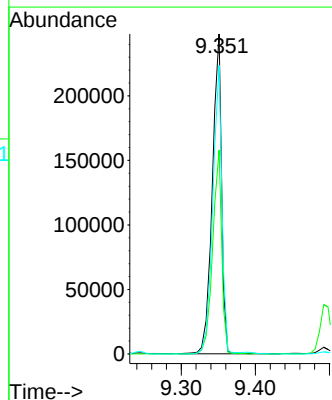
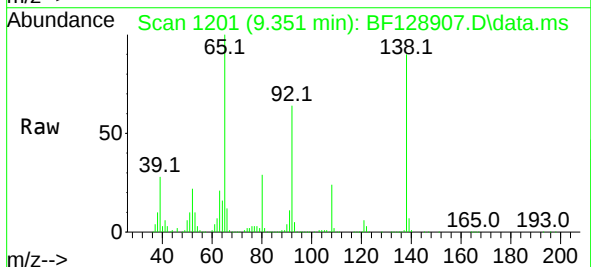
Manual Integrations
APPROVED

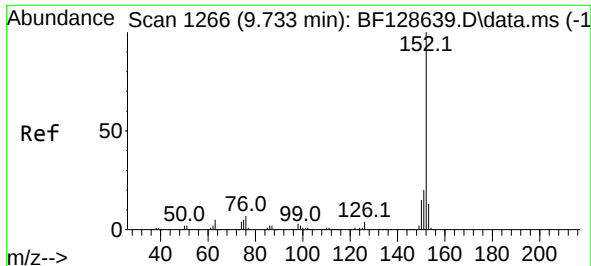
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#48
2-Nitroaniline
Concen: 57.889 ng
RT: 9.351 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

Tgt Ion: 65 Resp: 215763
Ion Ratio Lower Upper
65 100
92 63.7 51.9 77.9
138 90.2 76.4 114.6





#49

Acenaphthylene

Concen: 52.605 ng

RT: 9.657 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128907.D

Acq: 21 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

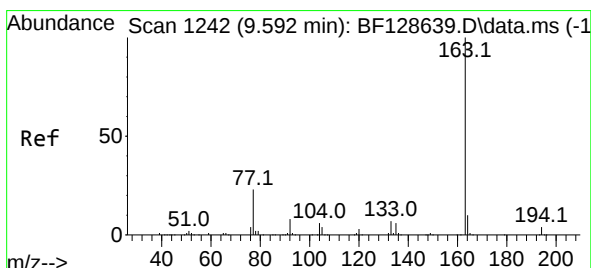
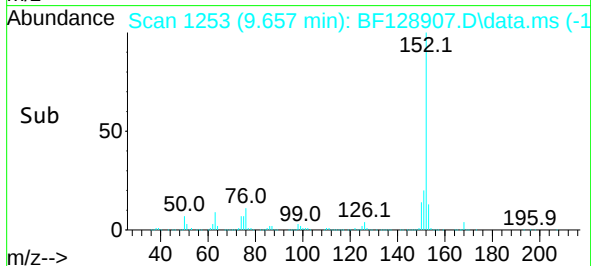
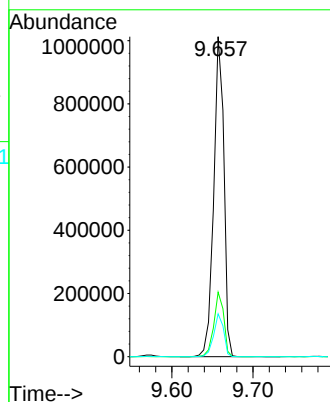
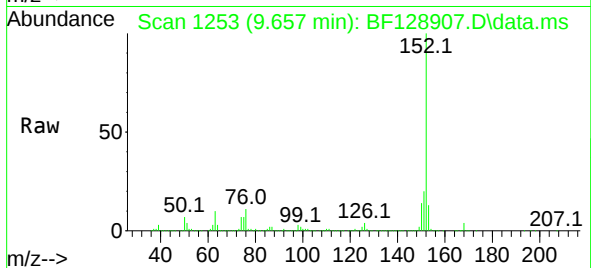
WC-3MSD

Tgt Ion:	152	Resp:	87778
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4
153	13.4	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#50

Dimethylphthalate

Concen: 57.314 ng

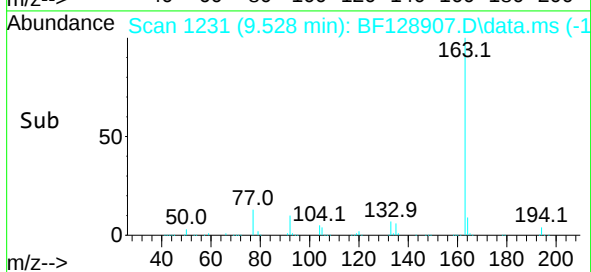
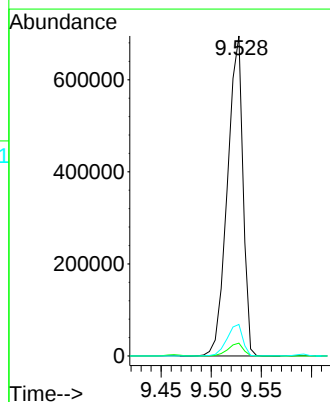
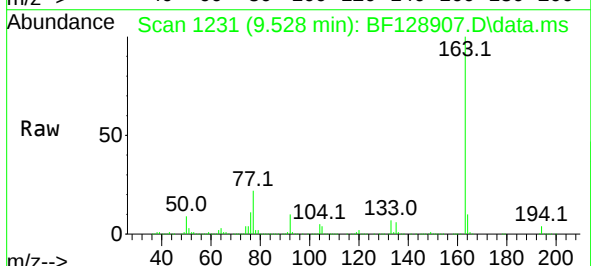
RT: 9.528 min Scan# 1231

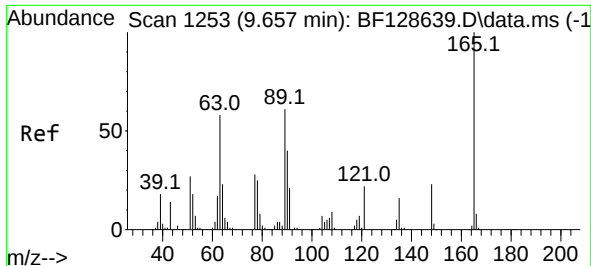
Delta R.T. 0.006 min

Lab File: BF128907.D

Acq: 21 Jun 2022 19:58

Tgt Ion:	163	Resp:	746842
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	9.9	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 58.204 ng

RT: 9.592 min Scan# 1242

Delta R.T. 0.006 min

Lab File: BF128907.D

Acq: 21 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion:165 Resp: 14969

Ion Ratio Lower Upper

165 100

63 68.0 44.9 67.3

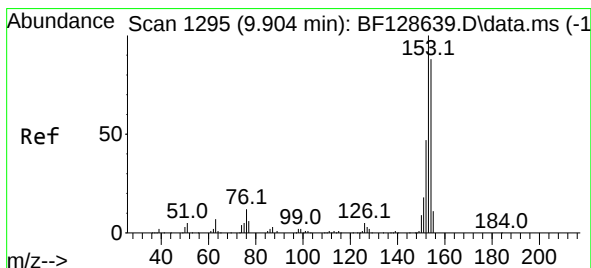
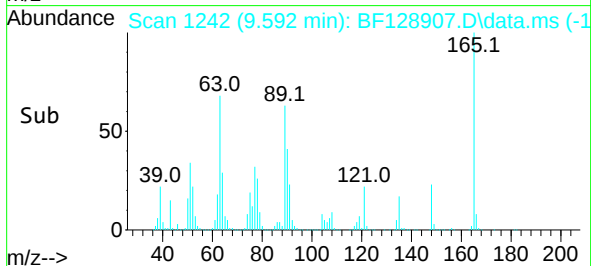
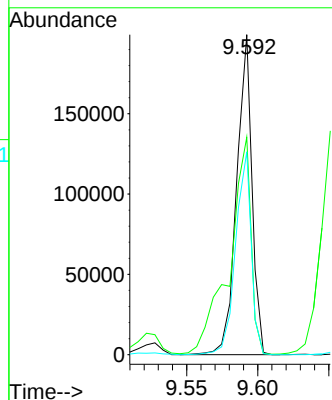
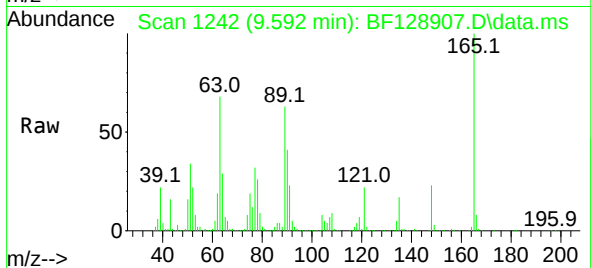
89 63.4 43.6 65.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/22/2022

Supervised By :Jagrut Upadhyay 06/22/2022



#52

Acenaphthene

Concen: 48.826 ng

RT: 9.833 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF128907.D

Acq: 21 Jun 2022 19:58

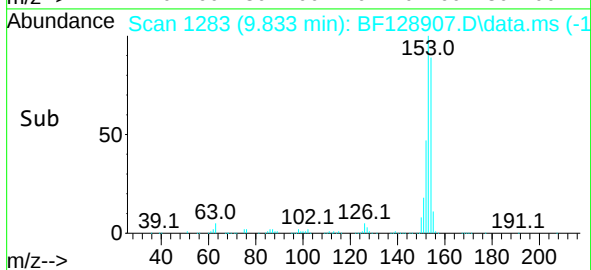
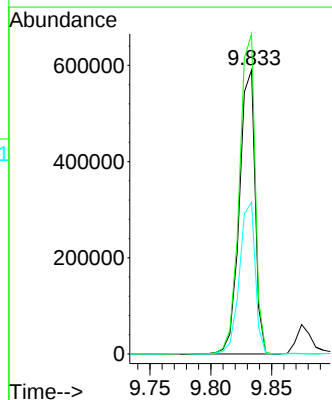
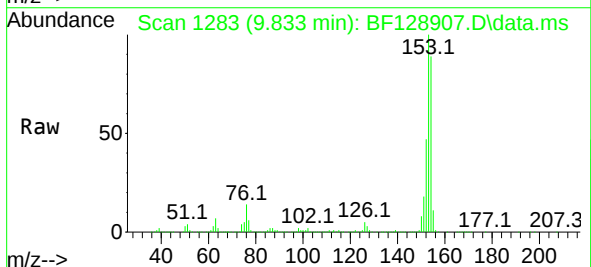
Tgt Ion:154 Resp: 530558

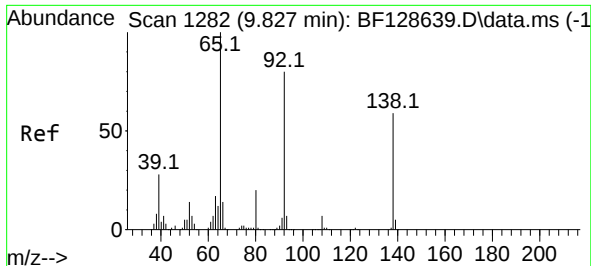
Ion Ratio Lower Upper

154 100

153 112.7 89.6 134.4

152 53.4 42.4 63.6





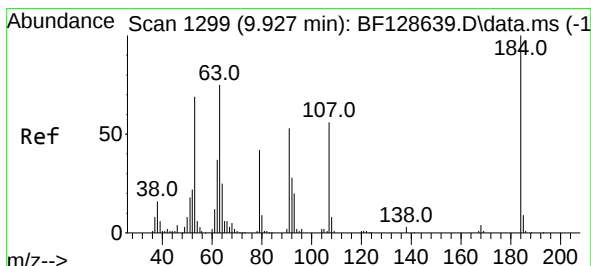
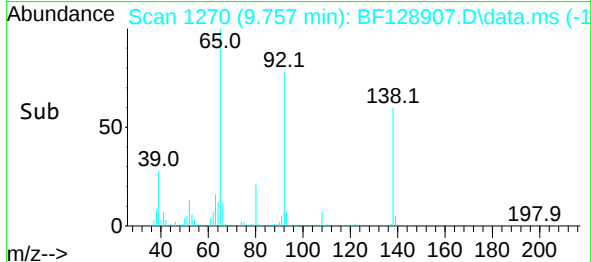
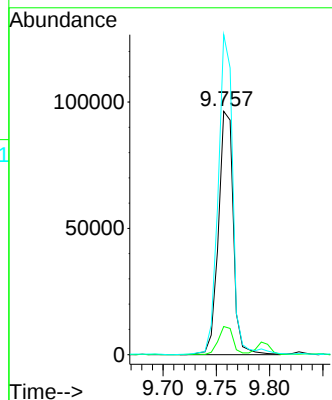
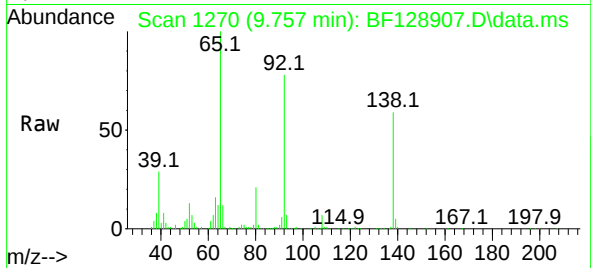
#53
3-Nitroaniline
Concen: 33.428 ng
RT: 9.757 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:138 Resp: 93309
Ion Ratio Lower Upper
138 100
108 11.6 10.9 16.3
92 131.5 98.2 147.2

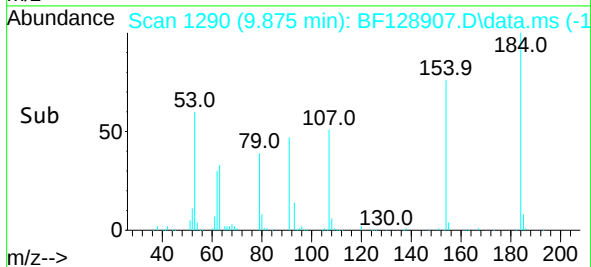
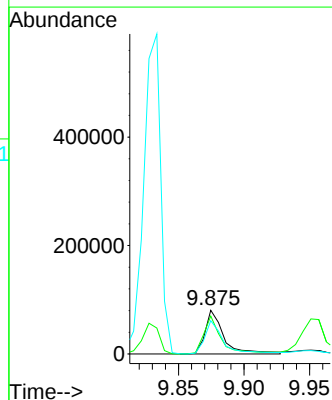
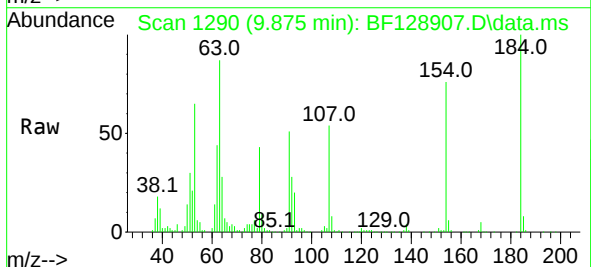
Manual Integrations
APPROVED

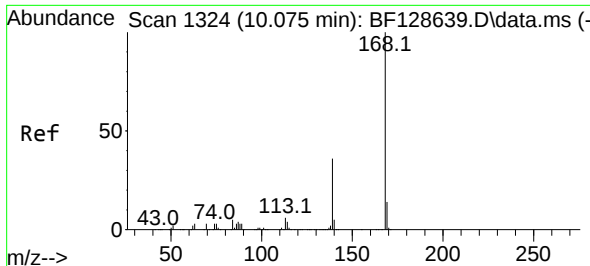
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#54
2,4-Dinitrophenol
Concen: 55.299 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

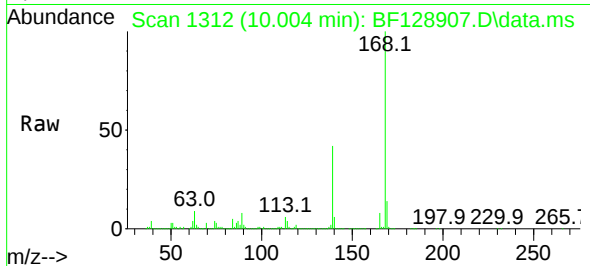
Tgt Ion:184 Resp: 79216
Ion Ratio Lower Upper
184 100
63 86.9 64.5 96.7
154 76.3 50.6 75.8#





#55
Dibenzenofuran
Concen: 49.695 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

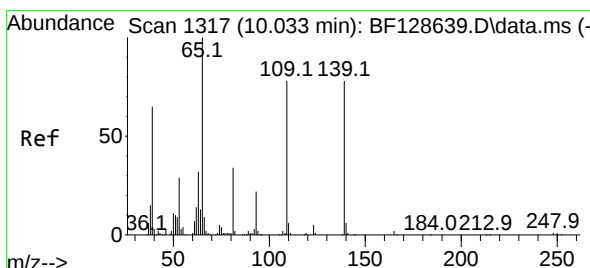
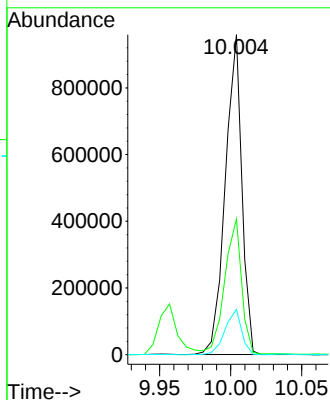
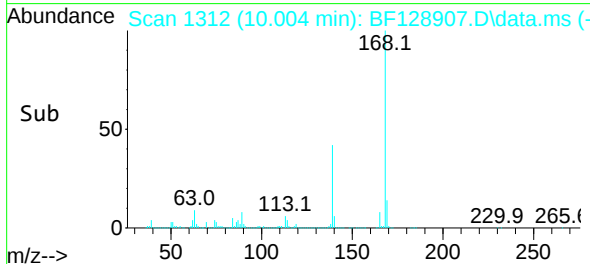
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:168 Resp: 776080
Ion Ratio Lower Upper
168 100
139 42.4 30.6 46.0
169 14.2 11.0 16.6

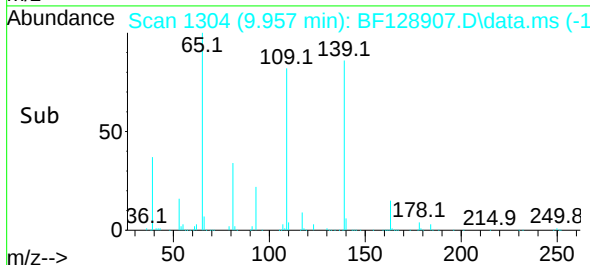
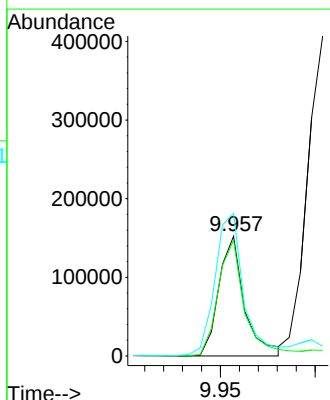
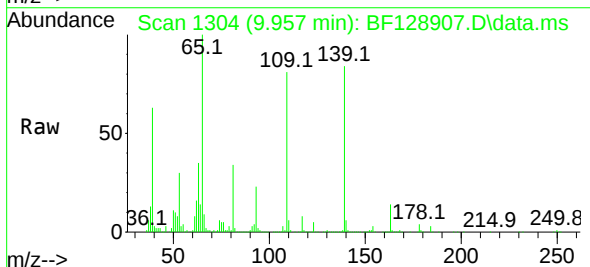
Manual Integrations
APPROVED

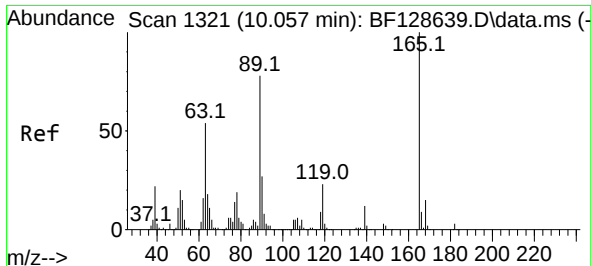
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#56
4-Nitrophenol
Concen: 70.895 ng
RT: 9.957 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

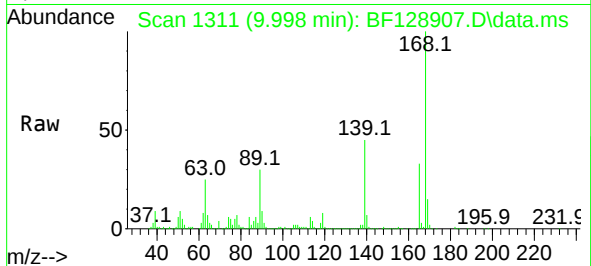
Tgt Ion:139 Resp: 143445
Ion Ratio Lower Upper
139 100
109 96.7 50.7 90.7#
65 119.0 74.5 114.5#





#57
2,4-Dinitrotoluene
Concen: 53.205 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

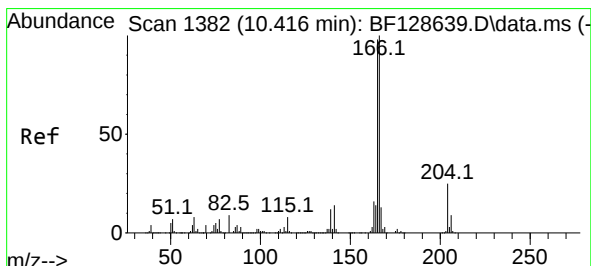
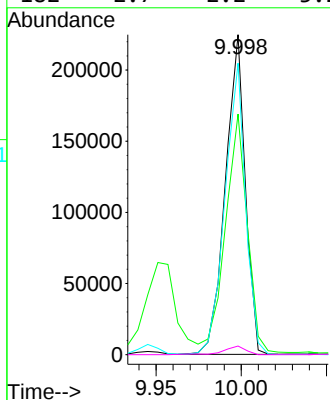
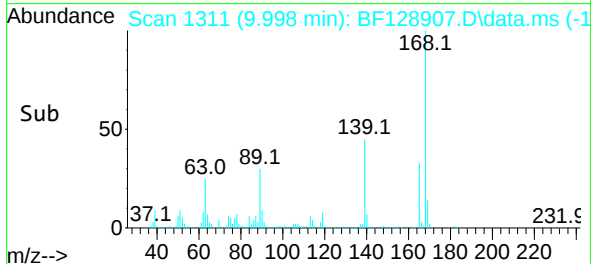
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



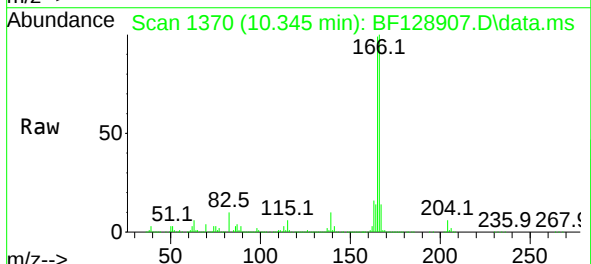
Tgt Ion:165 Resp: 182614
Ion Ratio Lower Upper
165 100
63 75.2 39.8 59.6
89 91.1 60.2 90.2
182 2.7 2.2 3.2

Manual Integrations
APPROVED

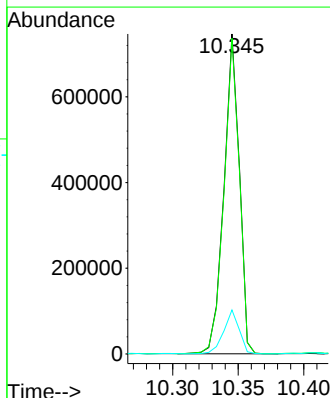
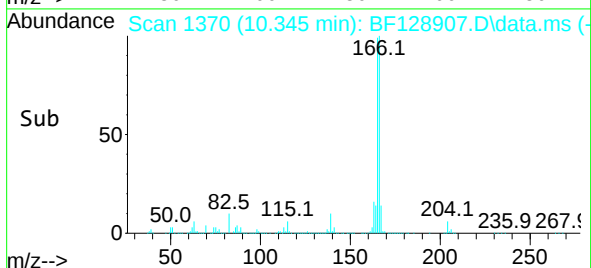
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

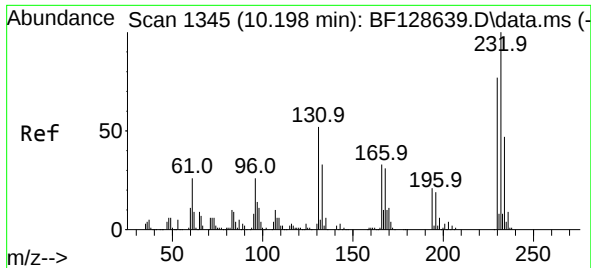


#58
Fluorene
Concen: 50.145 ng
RT: 10.345 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



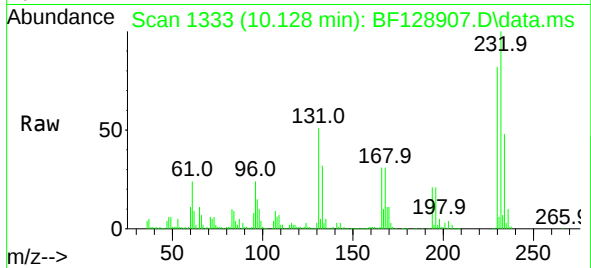
Tgt Ion:166 Resp: 607315
Ion Ratio Lower Upper
166 100
165 98.7 78.1 117.1
167 13.7 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.201 ng
RT: 10.128 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

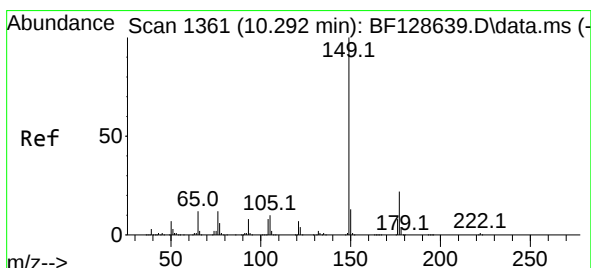
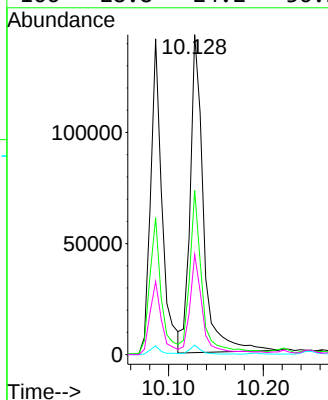
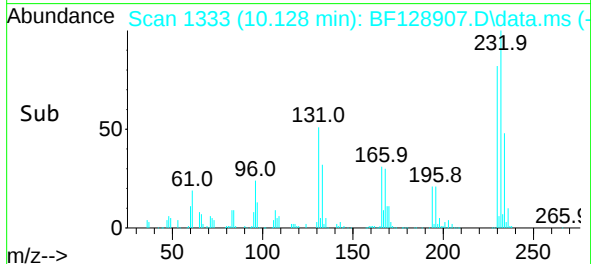
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:232 Resp: 14061
Ion Ratio Lower Upper
232 100
131 45.2 36.1 54.1
130 2.9 1.8 2.8
166 28.8 24.2 36.2

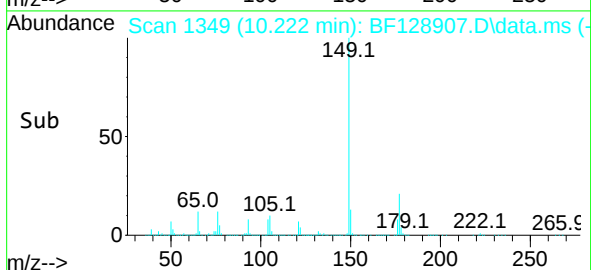
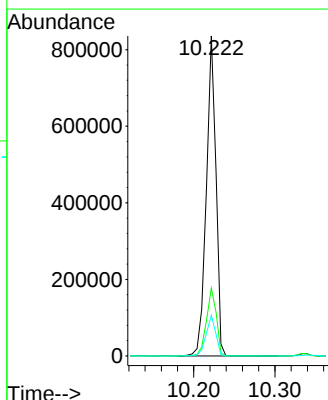
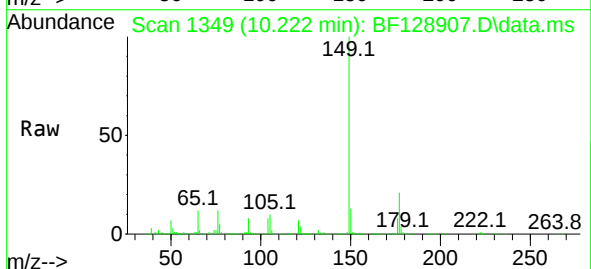
Manual Integrations
APPROVED

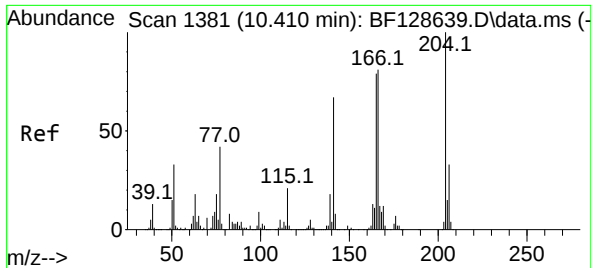
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#60
Diethylphthalate
Concen: 52.249 ng
RT: 10.222 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

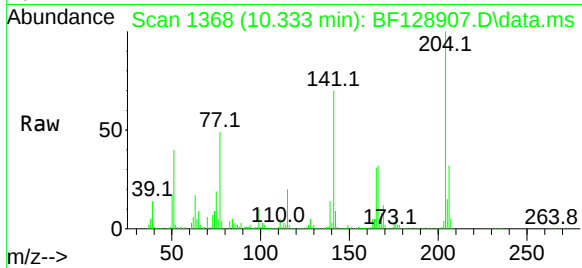
Tgt Ion:149 Resp: 684287
Ion Ratio Lower Upper
149 100
177 21.2 17.3 25.9
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 49.012 ng
RT: 10.333 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

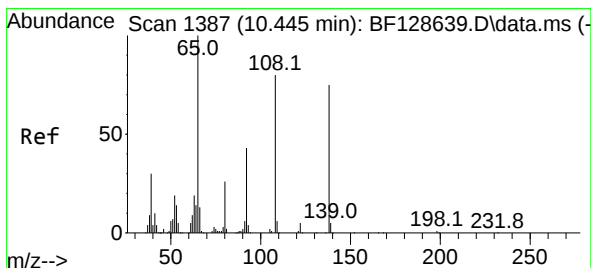
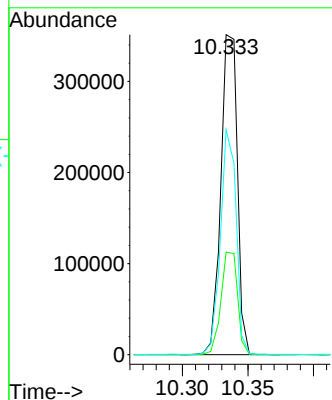
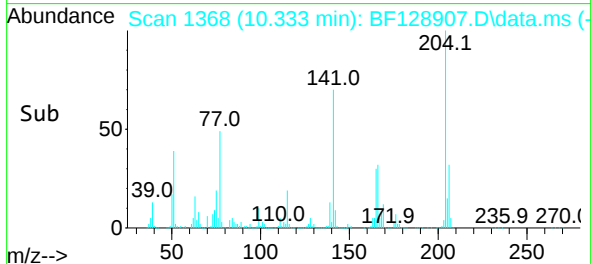
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



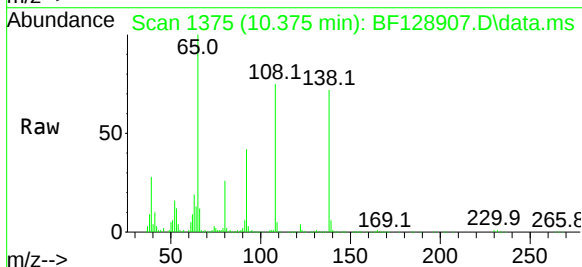
Tgt Ion:204 Resp: 307878
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.6
141 70.3 47.0 70.4

Manual Integrations
APPROVED

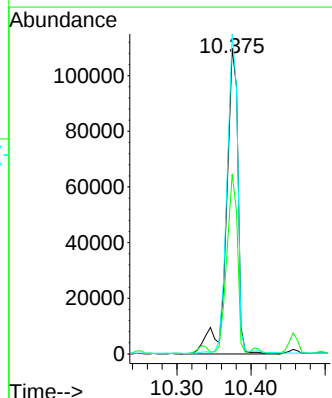
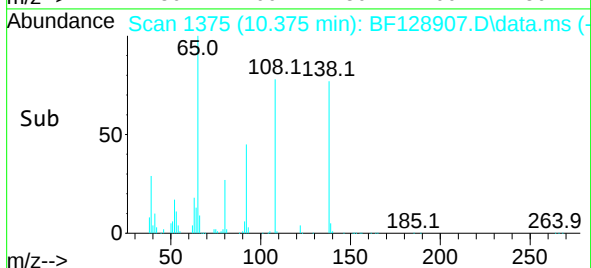
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

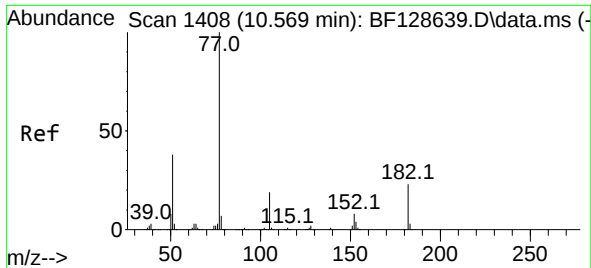


#62
4-Nitroaniline
Concen: 42.484 ng
RT: 10.375 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



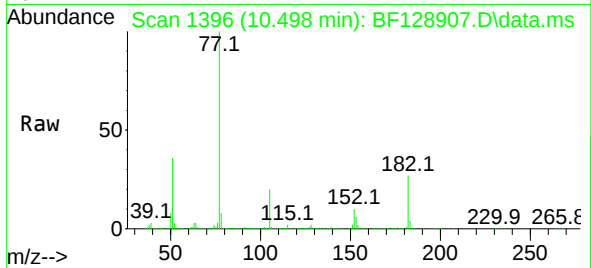
Tgt Ion:138 Resp: 120068
Ion Ratio Lower Upper
138 100
92 58.9 33.5 73.5
108 104.6 61.0 101.0#





#63
Azobenzene
Concen: 47.728 ng
RT: 10.498 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

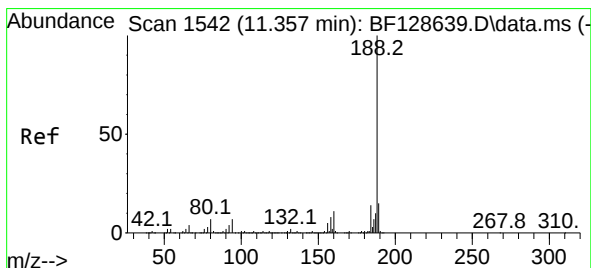
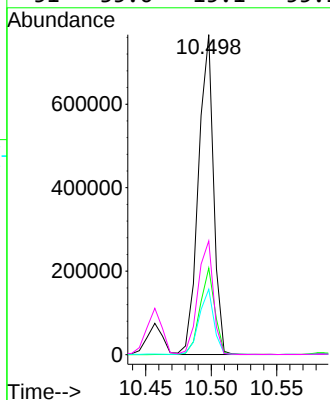
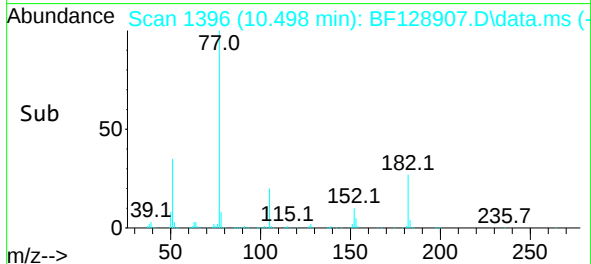
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



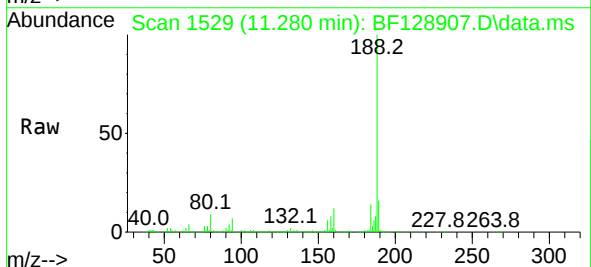
Tgt Ion: 77 Resp: 61536
Ion Ratio Lower Upper
77 100
182 27.0 5.6 45.6
105 20.5 1.6 41.6
51 35.6 15.1 55.1

Manual Integrations
APPROVED

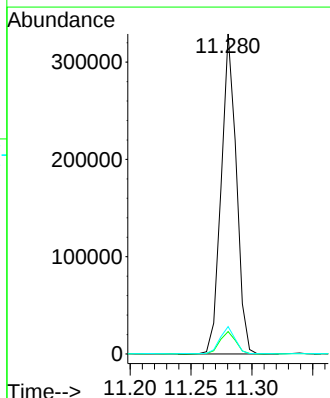
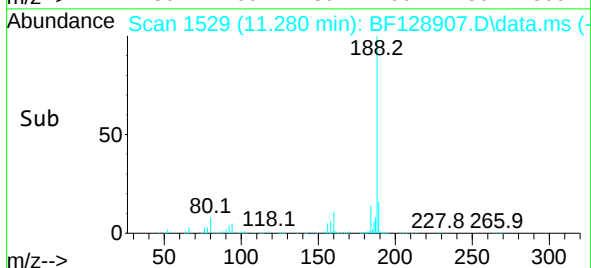
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

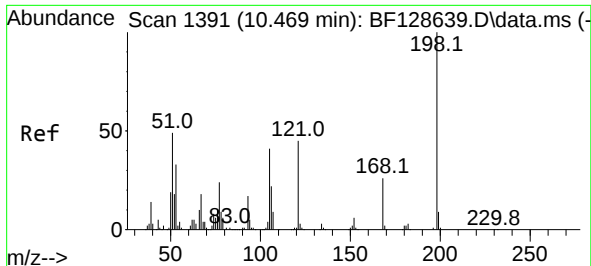


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



Tgt Ion:188 Resp: 286043
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 8.6 7.6 11.4





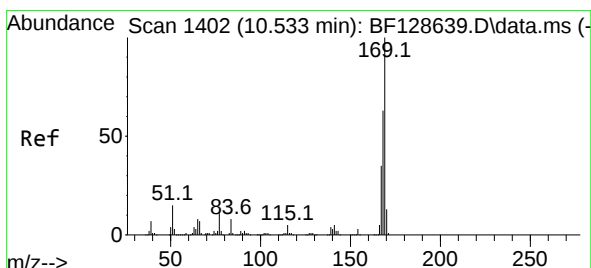
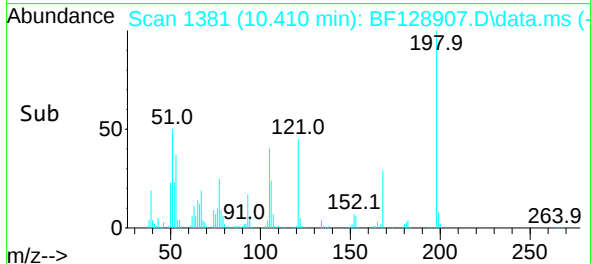
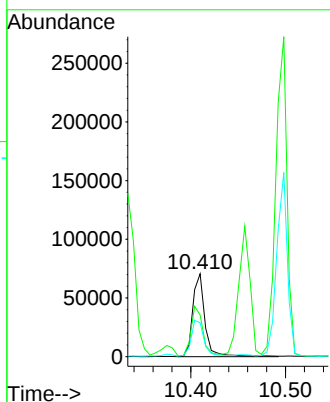
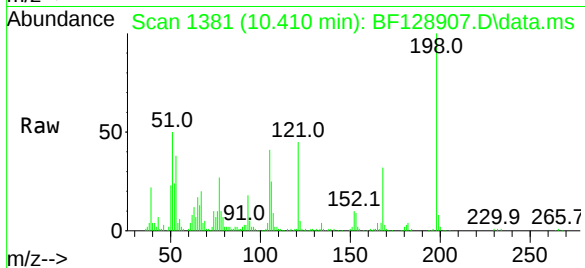
#65
4,6-Dinitro-2-methylphenol
Concen: 37.853 ng
RT: 10.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:198 Resp: 6389
Ion Ratio Lower Upper
198 100
51 50.5 37.6 77.6
105 40.9 27.0 67.0

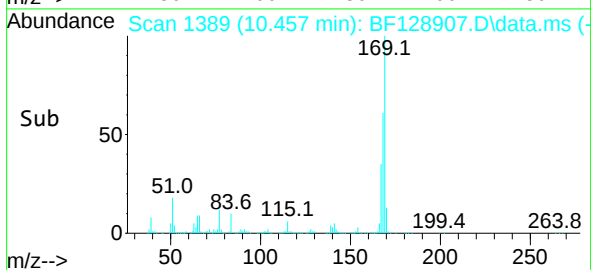
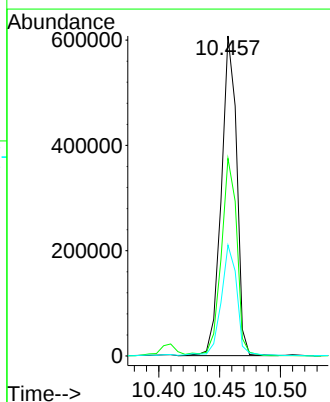
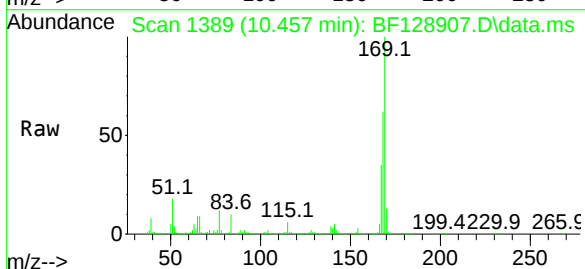
Manual Integrations
APPROVED

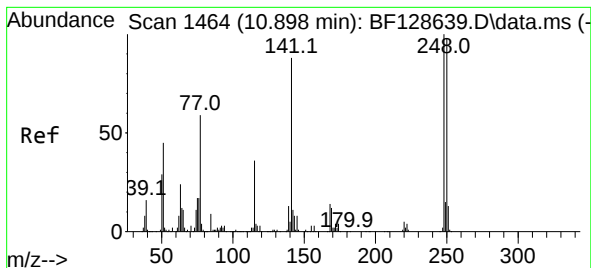
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#66
n-Nitrosodiphenylamine
Concen: 60.676 ng
RT: 10.457 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

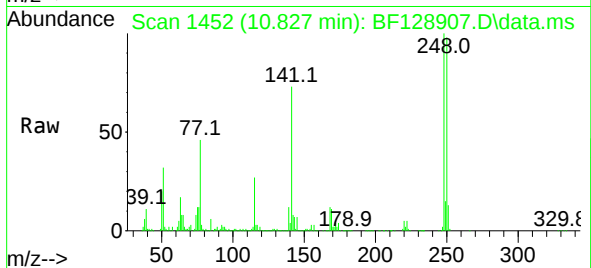
Tgt Ion:169 Resp: 533460
Ion Ratio Lower Upper
169 100
168 61.8 50.1 75.1
167 34.6 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 56.345 ng
RT: 10.827 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

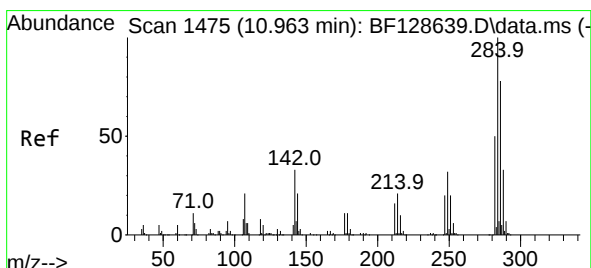
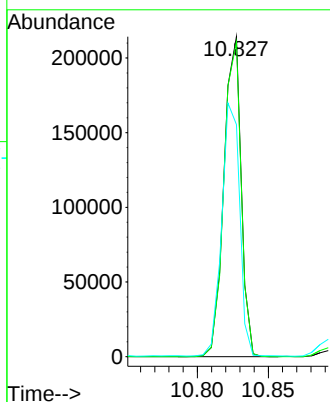
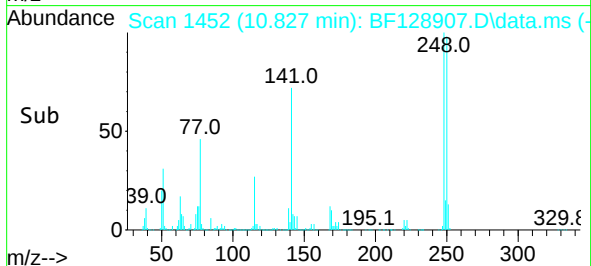
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



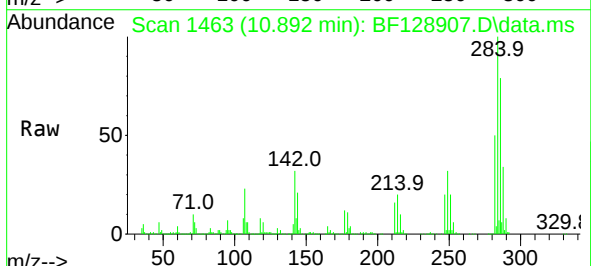
Tgt Ion:248 Resp: 179730
Ion Ratio Lower Upper
248 100
250 98.4 80.6 120.8
141 72.6 58.9 88.3

Manual Integrations
APPROVED

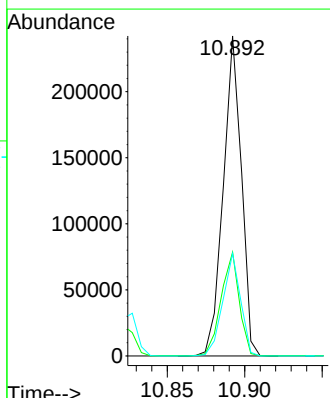
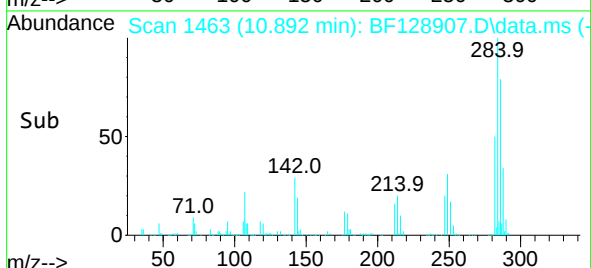
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

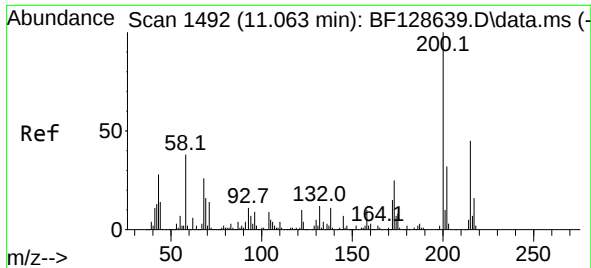


#68
Hexachlorobenzene
Concen: 55.570 ng
RT: 10.892 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



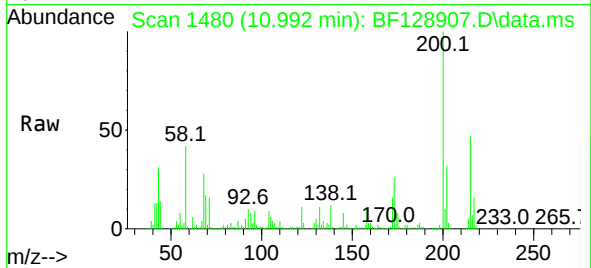
Tgt Ion:284 Resp: 196864
Ion Ratio Lower Upper
284 100
142 32.4 29.0 43.4
249 32.1 25.0 37.6





#69
 Atrazine
 Concen: 60.854 ng
 RT: 10.992 min Scan# 1492
 Delta R.T. 0.006 min
 Lab File: BF128907.D
 Acq: 21 Jun 2022 19:58

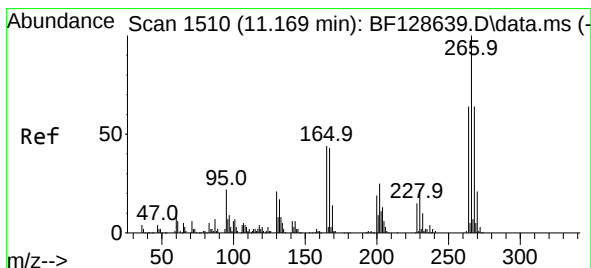
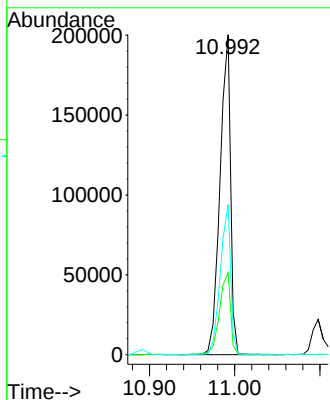
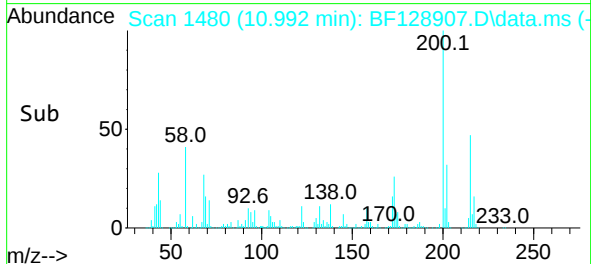
Instrument :
 BNA_F
 ClientSampleId :
 WC-3MSD



Tgt Ion:200 Resp: 17205
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.3 46.3
 215 46.9 28.3 68.3

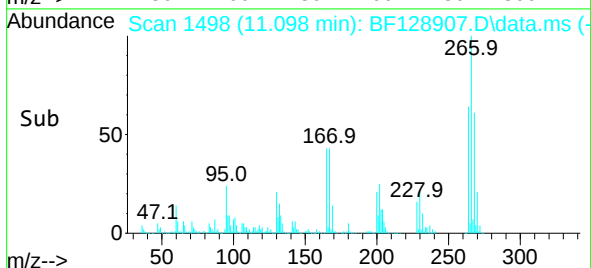
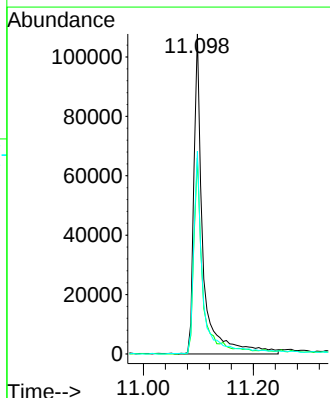
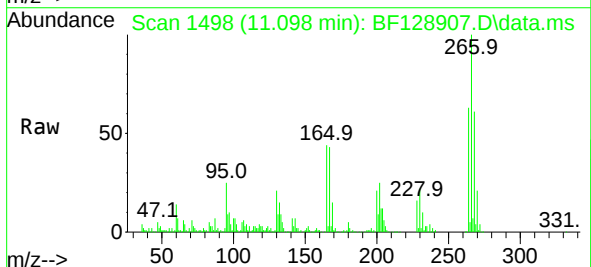
Manual Integrations
 APPROVED

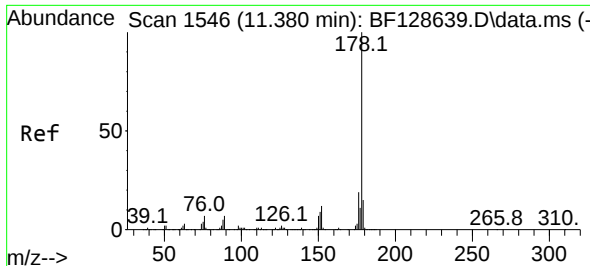
Reviewed By :Christian Giraldo 06/22/2022
 Supervised By :Jagrut Upadhyay 06/22/2022



#70
 Pentachlorophenol
 Concen: 70.225 ng
 RT: 11.098 min Scan# 1498
 Delta R.T. 0.000 min
 Lab File: BF128907.D
 Acq: 21 Jun 2022 19:58

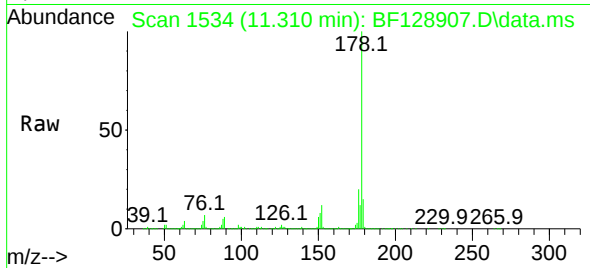
Tgt Ion:266 Resp: 124184
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.0 76.4
 264 63.4 49.4 74.2





#71
Phenanthrene
Concen: 69.547 ng
RT: 11.310 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

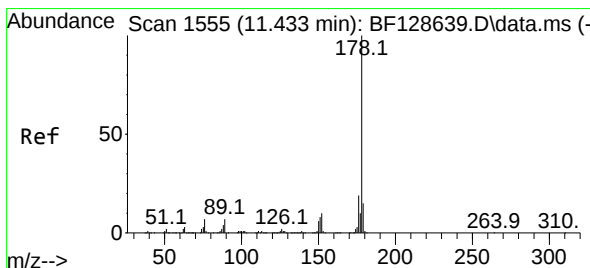
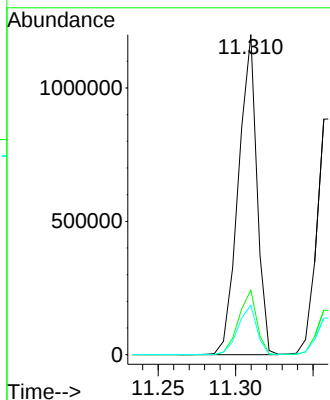
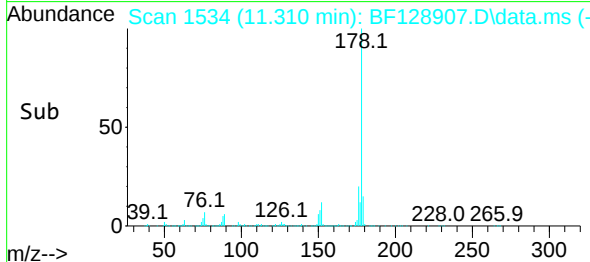
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



Tgt Ion:178 Resp: 997819
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 15.5 12.6 19.0

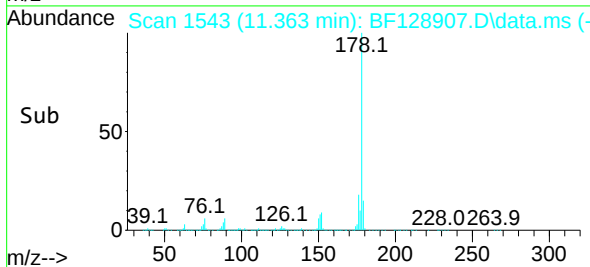
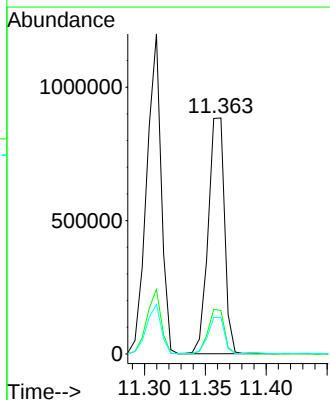
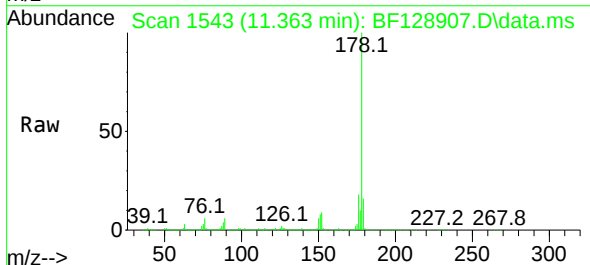
Manual Integrations
APPROVED

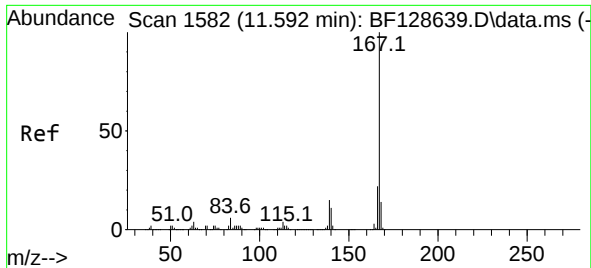
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#72
Anthracene
Concen: 58.034 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

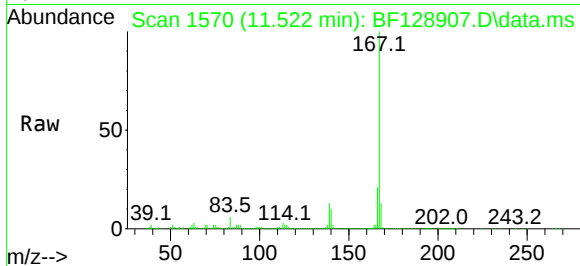
Tgt Ion:178 Resp: 824126
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 15.5 12.6 19.0





#73
Carbazole
Concen: 52.295 ng
RT: 11.522 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

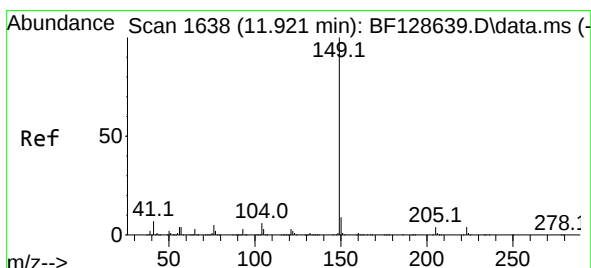
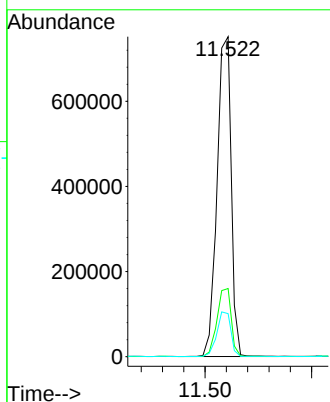
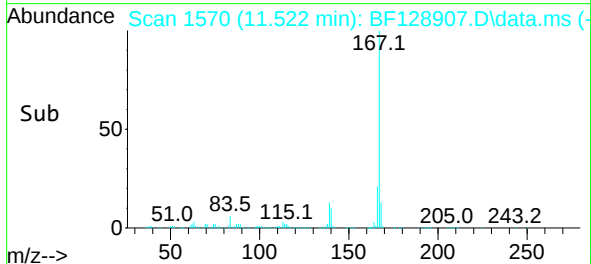
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



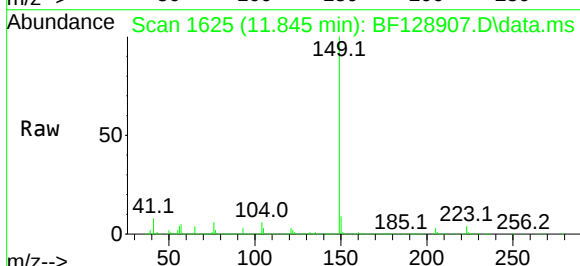
Tgt Ion:167 Resp: 689752
Ion Ratio Lower Upper
167 100
166 21.3 17.7 26.5
139 13.4 11.2 16.8

Manual Integrations
APPROVED

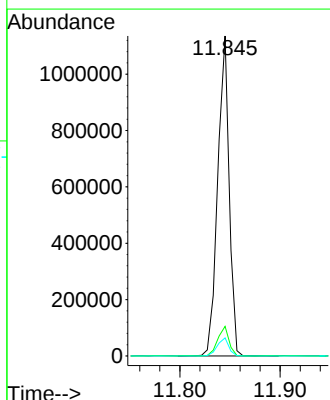
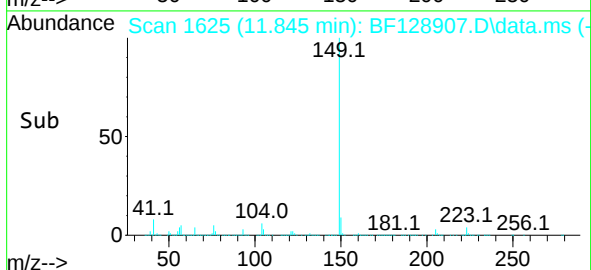
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

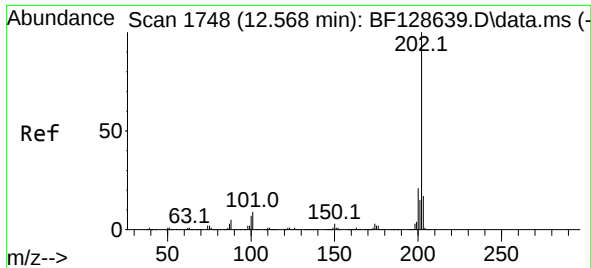


#74
Di-n-butylphthalate
Concen: 55.859 ng
RT: 11.845 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



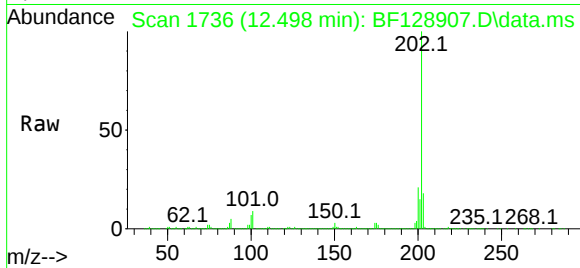
Tgt Ion:149 Resp: 897034
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.7 4.4 6.6





#75
Fluoranthene
Concen: 70.525 ng
RT: 12.498 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

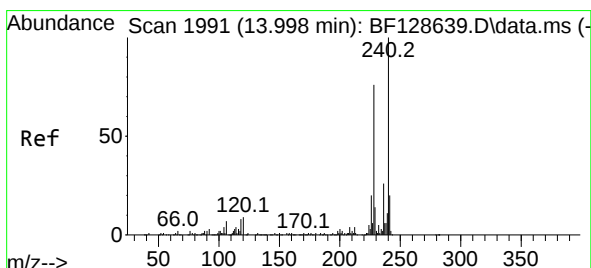
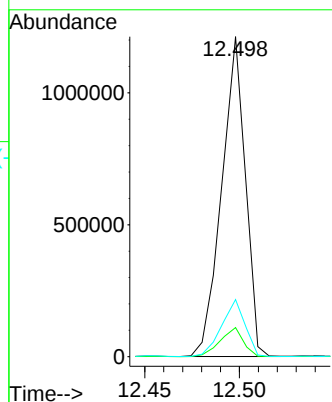
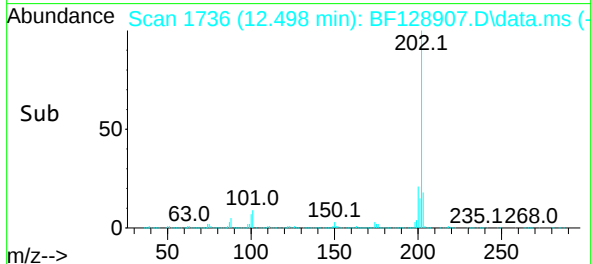
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



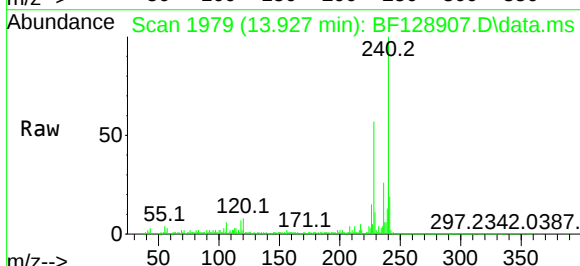
Tgt Ion:202 Resp: 1057670
Ion Ratio Lower Upper
202 100
101 9.1 0.0 31.4
203 17.8 0.0 38.0

Manual Integrations
APPROVED

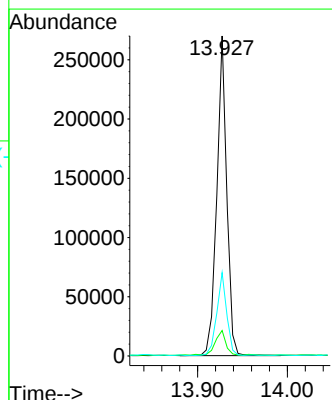
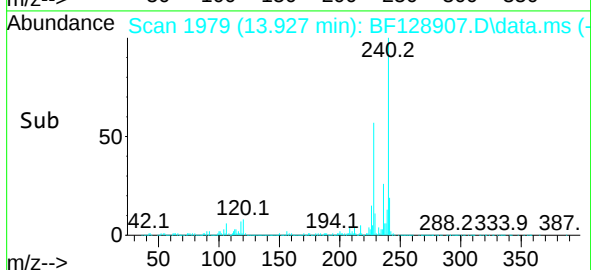
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

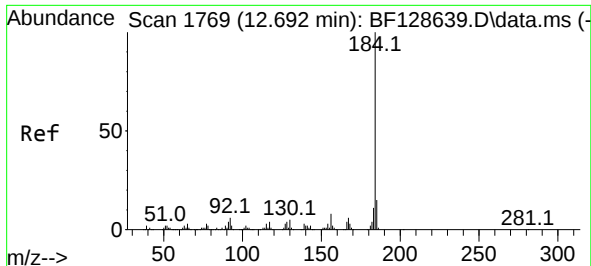


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



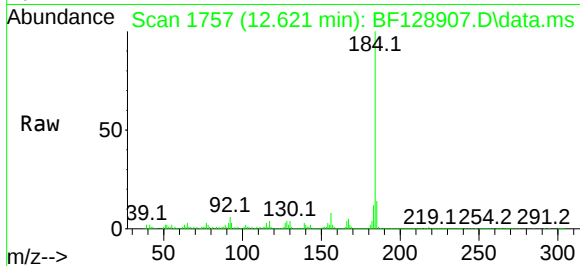
Tgt Ion:240 Resp: 208014
Ion Ratio Lower Upper
240 100
120 7.9 8.9 13.3#
236 26.0 20.8 31.2





#77
Benzidine
Concen: 78.009 ng
RT: 12.621 min Scan# 1757
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

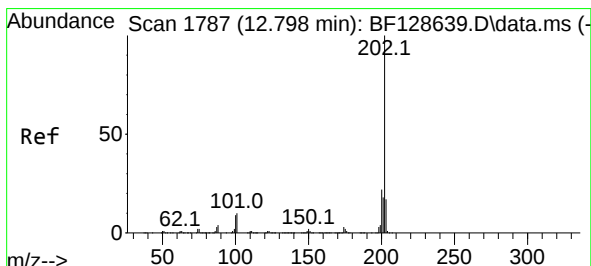
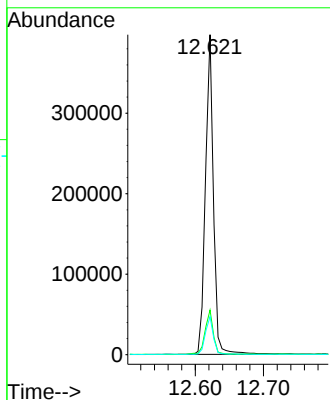
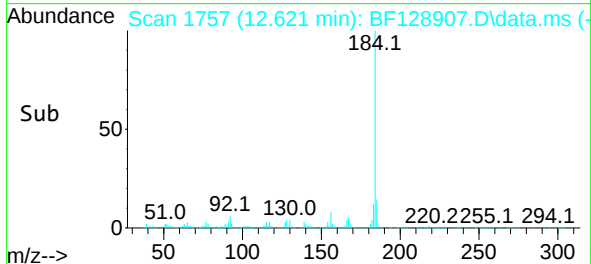
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



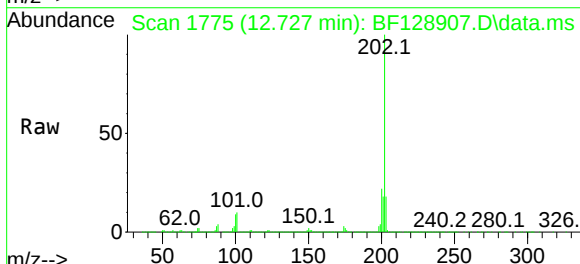
Tgt Ion:184 Resp: 323470
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 11.9 9.3 13.9

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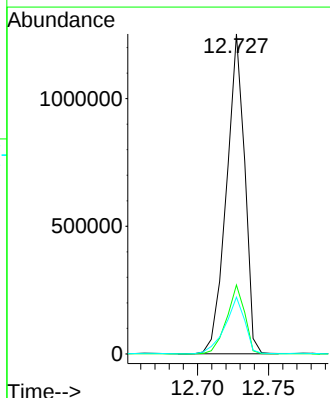
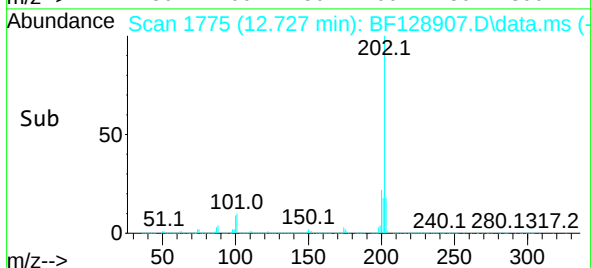
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

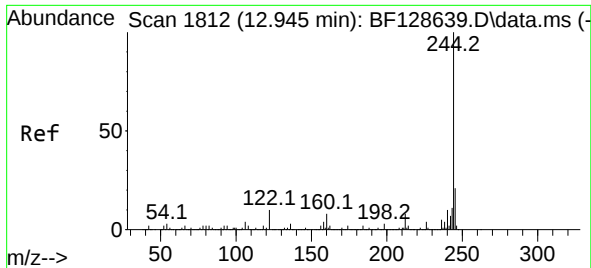


#78
Pyrene
Concen: 72.066 ng
RT: 12.727 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



Tgt Ion:202 Resp: 1115301
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 17.8 14.6 21.8





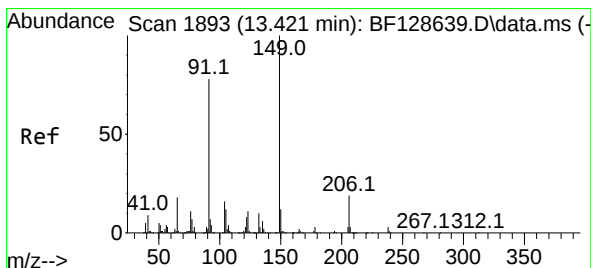
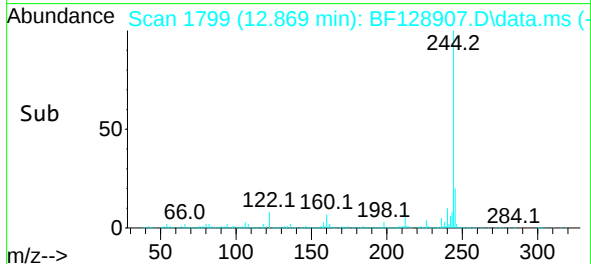
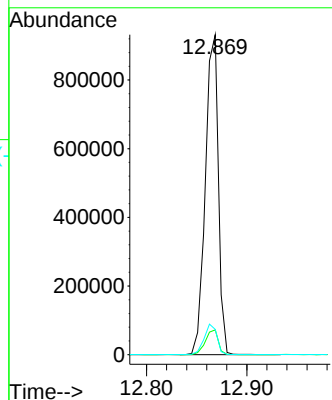
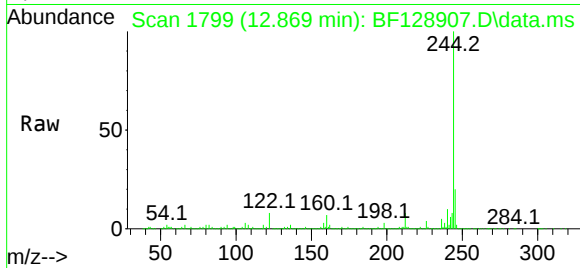
#79
 Terphenyl-d14
 Concen: 70.622 ng
 RT: 12.869 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128907.D
 Acq: 21 Jun 2022 19:58

Instrument :
 BNA_F
 ClientSampleId :
 WC-3MSD

Tgt Ion:244 Resp: 84541
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 7.9 8.8 13.2

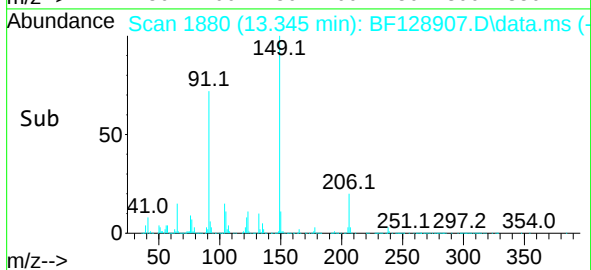
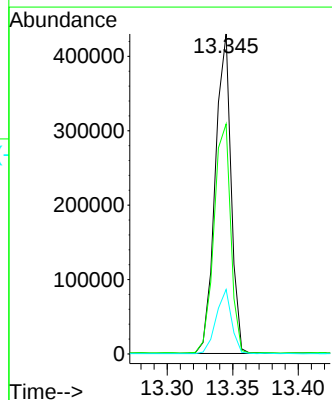
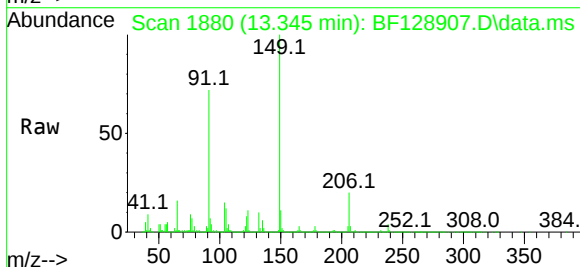
Manual Integrations
 APPROVED

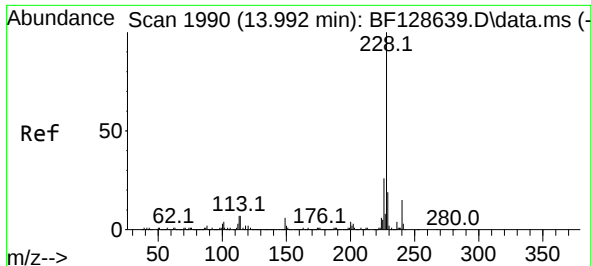
Reviewed By :Christian Giraldo 06/22/2022
 Supervised By :Jagrut Upadhyay 06/22/2022



#80
 Butylbenzylphthalate
 Concen: 55.427 ng
 RT: 13.345 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: BF128907.D
 Acq: 21 Jun 2022 19:58

Tgt Ion:149 Resp: 360231
 Ion Ratio Lower Upper
 149 100
 91 71.8 61.2 91.8
 206 20.1 15.7 23.5





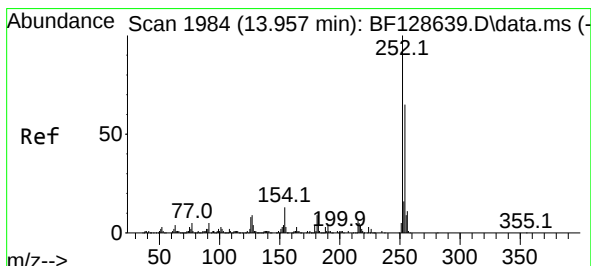
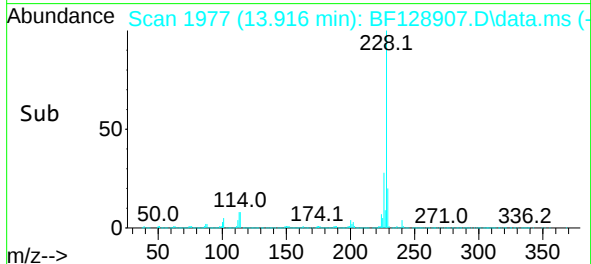
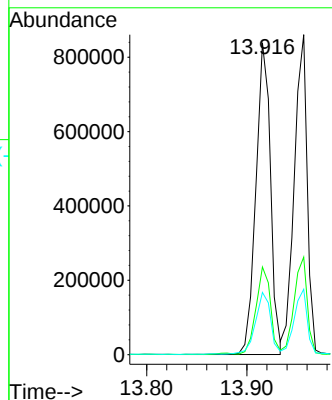
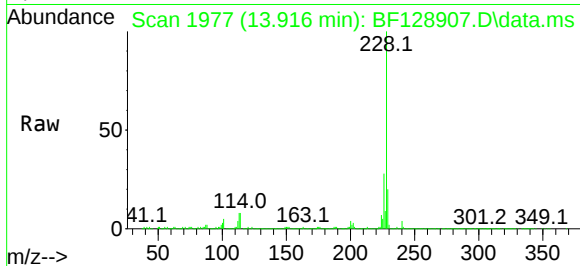
#81
Benzo(a)anthracene
Concen: 65.120 ng
RT: 13.916 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Tgt Ion:228 Resp: 844360
Ion Ratio Lower Upper
228 100
226 28.1 22.1 33.1
229 20.0 15.8 23.8

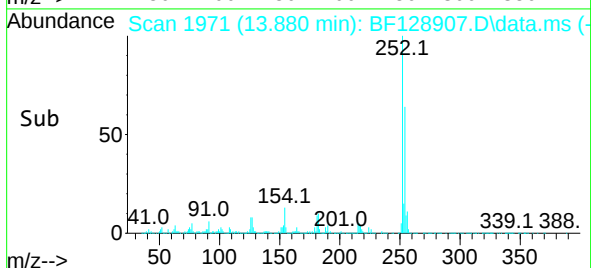
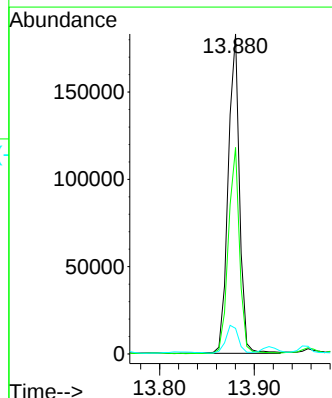
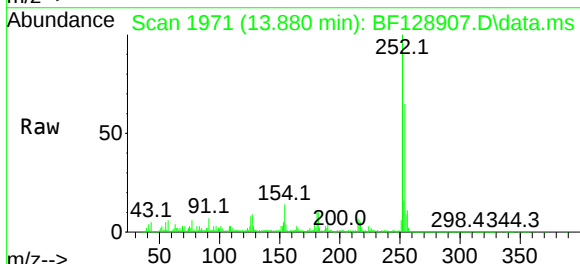
Manual Integrations
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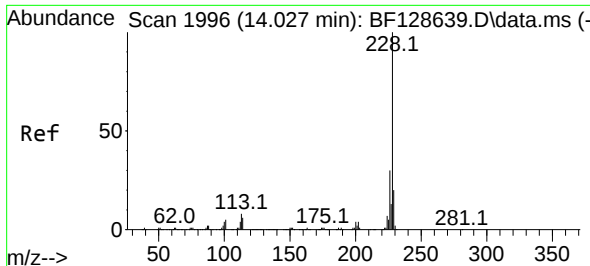
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#82
3,3'-Dichlorobenzidine
Concen: 55.071 ng
RT: 13.880 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

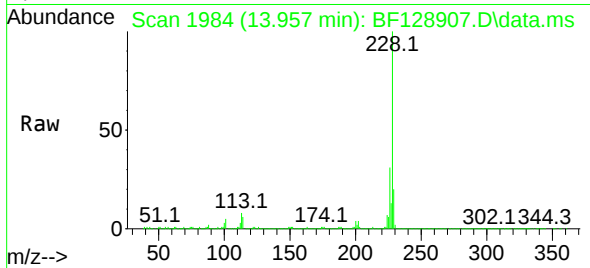
Tgt Ion:252 Resp: 152768
Ion Ratio Lower Upper
252 100
254 64.5 50.2 75.4
126 8.0 8.2 12.4





#83
Chrysene
Concen: 62.347 ng
RT: 13.957 min Scan# 1996
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

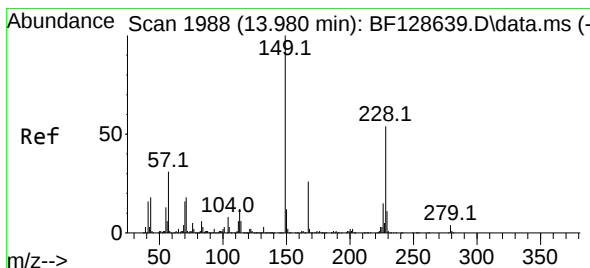
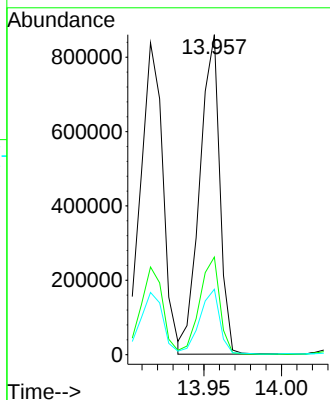
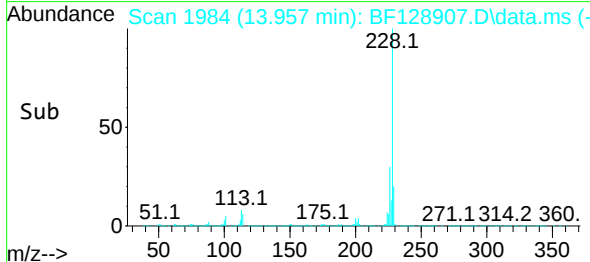
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



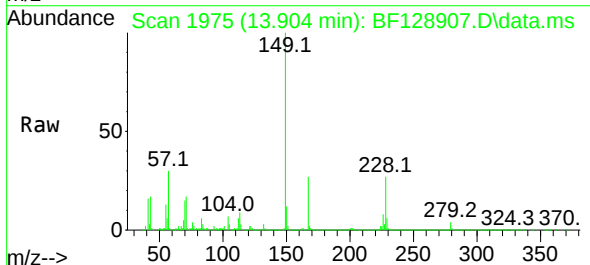
Tgt Ion:228 Resp: 770709
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 20.5 15.9 23.9

Manual Integrations
APPROVED

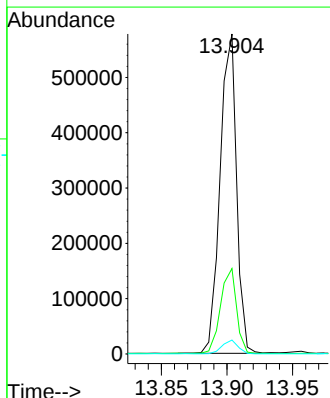
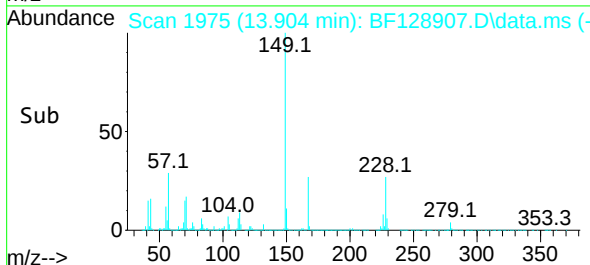
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

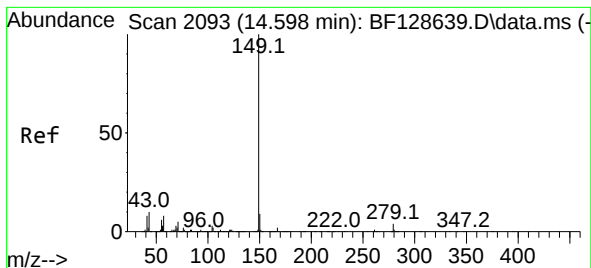


#84
Bis(2-ethylhexyl)phthalate
Concen: 59.471 ng
RT: 13.904 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



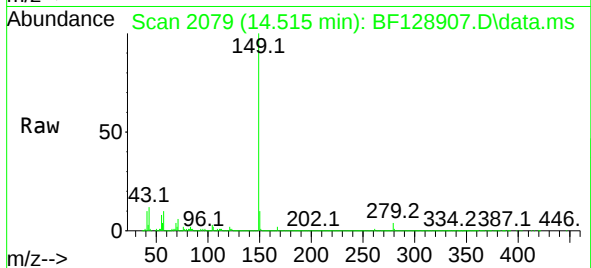
Tgt Ion:149 Resp: 502486
Ion Ratio Lower Upper
149 100
167 26.7 21.0 31.4
279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 59.408 ng
RT: 14.515 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

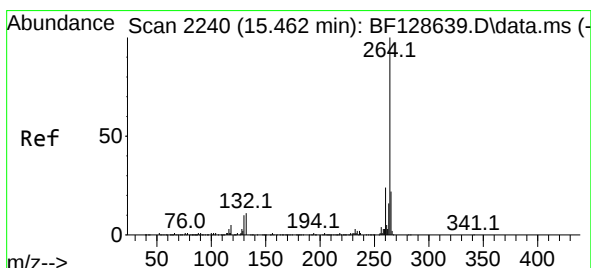
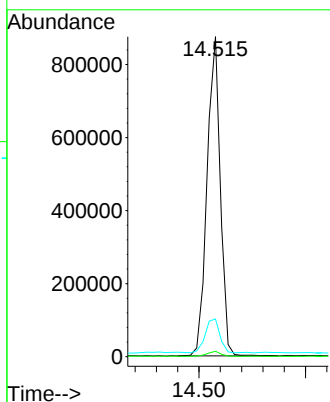
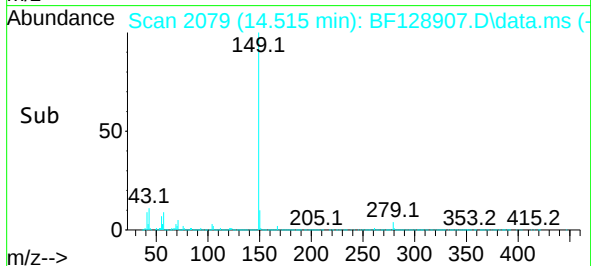
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



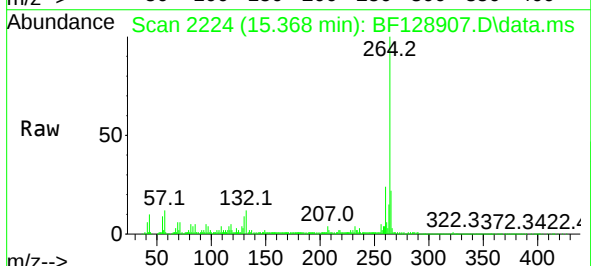
Tgt Ion:149 Resp: 756009
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.5 9.2 13.8

Manual Integrations
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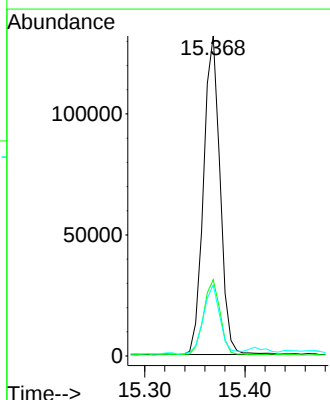
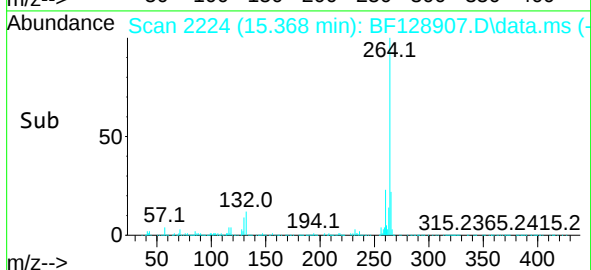
Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022

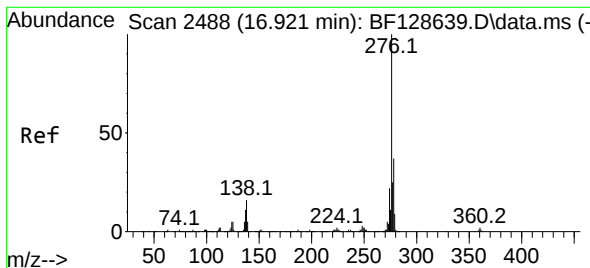


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.368 min Scan# 2224
Delta R.T. 0.006 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



Tgt Ion:264 Resp: 150842
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 22.2 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.872 ng

RT: 16.798 min Scan# 2488

Delta R.T. 0.006 min

Lab File: BF128907.D

Acq: 21 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

Tgt Ion:276 Resp: 48069

Ion Ratio Lower Upper

276 100

138 17.7 21.1 31.7

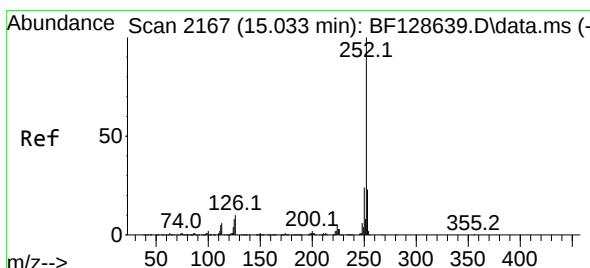
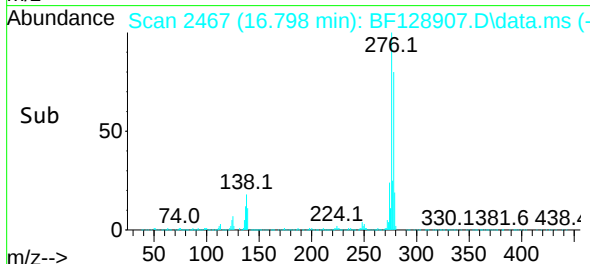
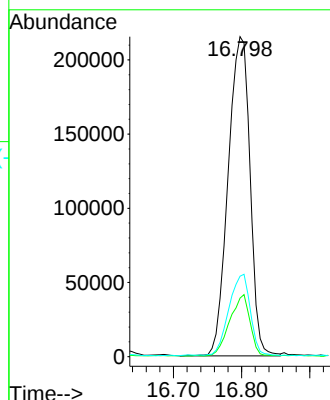
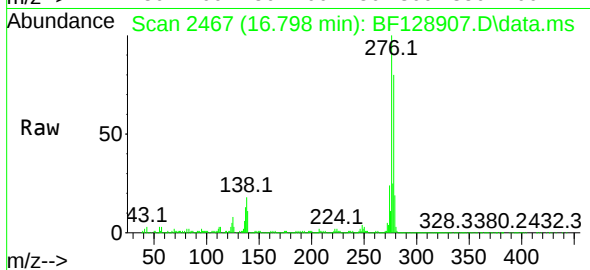
277 24.7 20.3 30.5

Manual Integrations

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Reviewed By :Christian Giraldo 06/22/2022

Supervised By :Jagrut Upadhyay 06/22/2022



#88

Benzo(b)fluoranthene

Concen: 66.510 ng m

RT: 14.957 min Scan# 2154

Delta R.T. 0.006 min

Lab File: BF128907.D

Acq: 21 Jun 2022 19:58

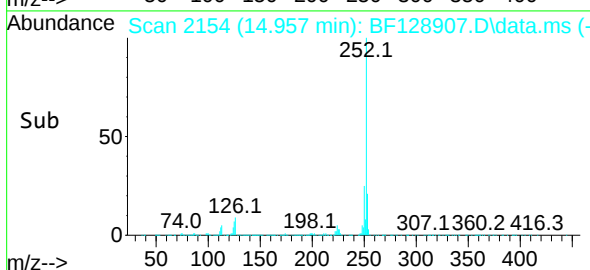
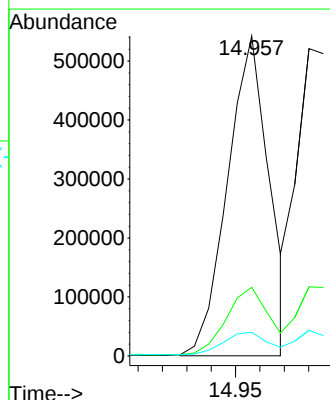
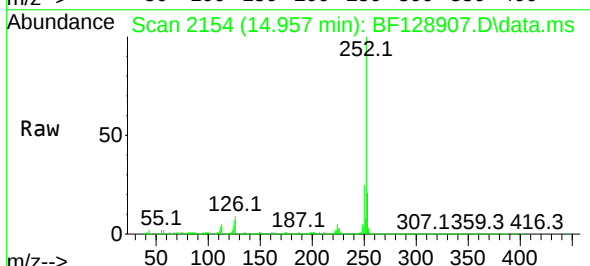
Tgt Ion:252 Resp: 641064

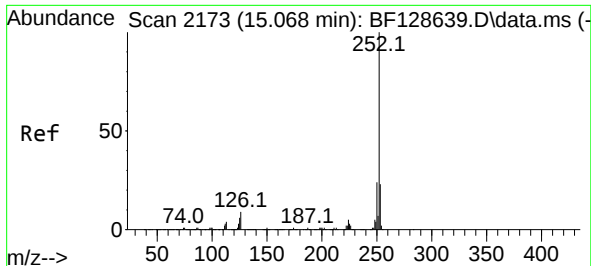
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

125 7.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 59.496 ng

RT: 14.980 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BF128907.D

Acq: 21 Jun 2022 19:58

Instrument :

BNA_F

ClientSampleId :

WC-3MSD

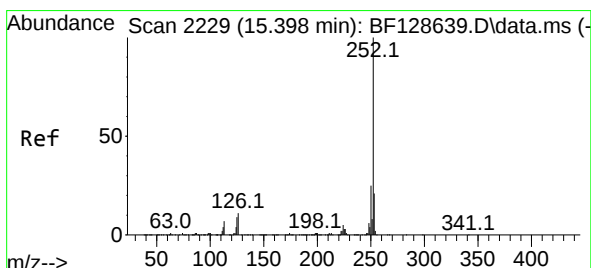
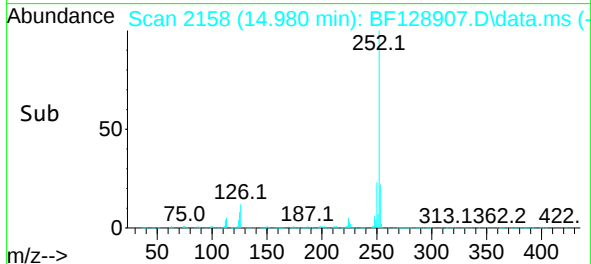
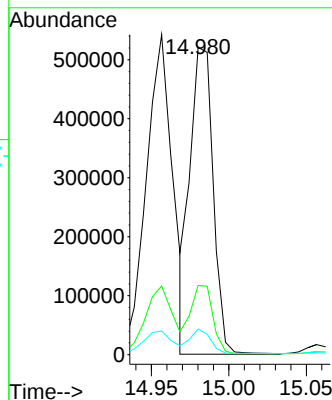
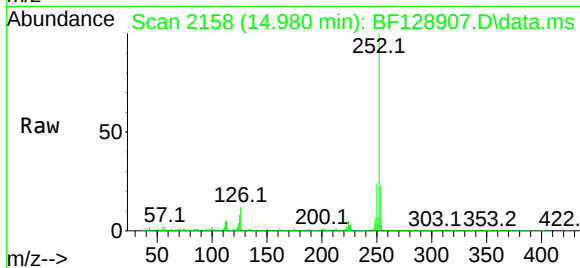
Tgt Ion:252 Resp: 539450
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.8 26.6
 125 8.4 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 06/22/2022

Supervised By :Jagrut Upadhyay 06/22/2022



#90

Benzo(a)pyrene

Concen: 67.208 ng

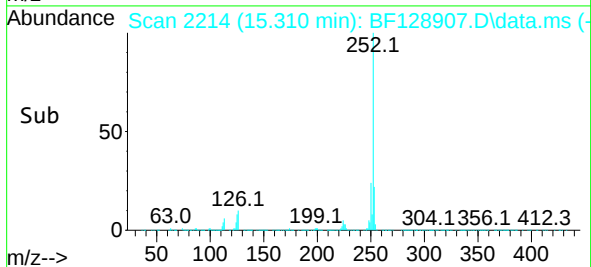
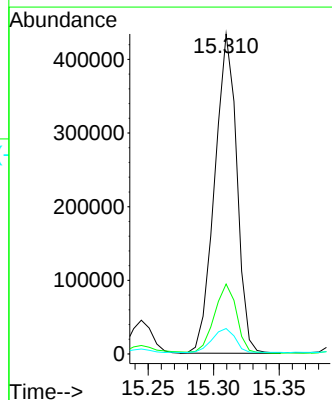
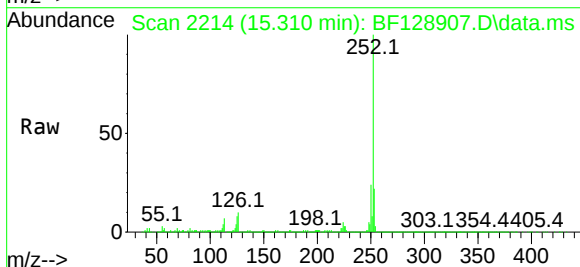
RT: 15.310 min Scan# 2214

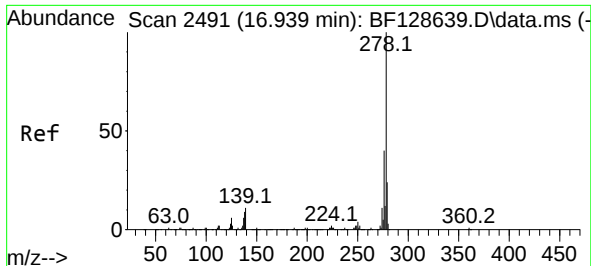
Delta R.T. 0.006 min

Lab File: BF128907.D

Acq: 21 Jun 2022 19:58

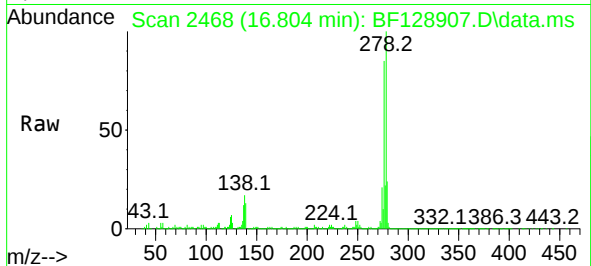
Tgt Ion:252 Resp: 509144
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.0 25.6
 125 8.0 8.8 13.2#





#91
Dibenzo(a,h)anthracene
Concen: 53.326 ng
RT: 16.804 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58

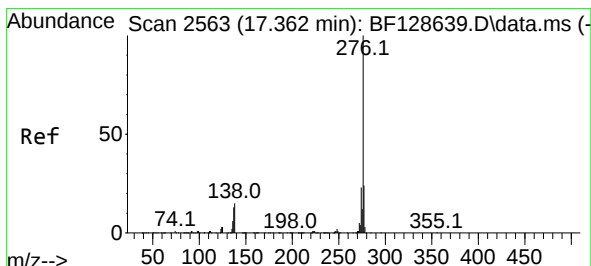
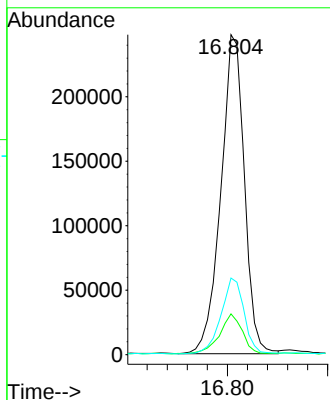
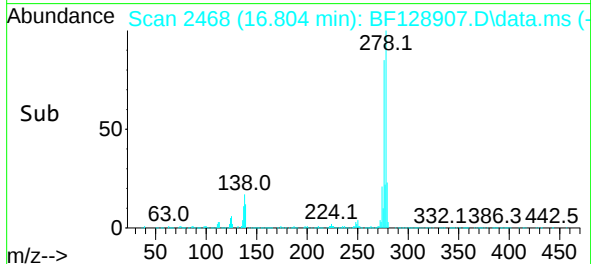
Instrument :
BNA_F
ClientSampleId :
WC-3MSD



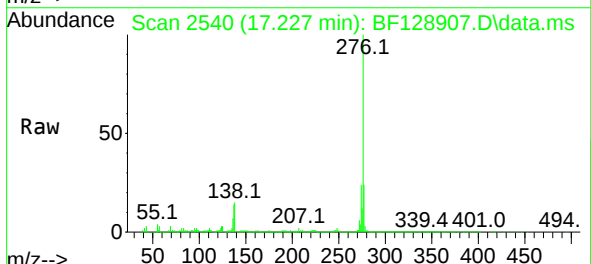
Tgt Ion:278 Resp: 40214
Ion Ratio Lower Upper
278 100
139 12.8 12.8 19.2
279 24.0 18.6 28.0

Manual Integrations
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Reviewed By :Christian Giraldo 06/22/2022
Supervised By :Jagrut Upadhyay 06/22/2022



#92
Benzo(g,h,i)perylene
Concen: 54.517 ng
RT: 17.227 min Scan# 2540
Delta R.T. 0.012 min
Lab File: BF128907.D
Acq: 21 Jun 2022 19:58



Tgt Ion:276 Resp: 407467
Ion Ratio Lower Upper
276 100
277 23.8 19.1 28.7
138 15.3 18.0 27.0#

