

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF130008.D
 Acq On : 25 Aug 2022 20:01
 Operator : CG\JU
 Sample : N4326-01MS 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082322MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/26/2022
 Supervised By : Jagrut Upadhyay 08/26/2022

Quant Time: Aug 26 01:02:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	128370	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	477536	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	209939	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	300356	20.000	ng	0.00
76) Chrysene-d12	13.927	240	269513	20.000	ng	0.00
86) Perylene-d12	15.374	264	201756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	148056	19.096	ng	0.00
7) Phenol-d6	6.422	99	181807	18.725	ng	0.00
23) Nitrobenzene-d5	7.322	82	112340	12.593	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	29331	13.920	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	192124	13.899	ng	0.00
79) Terphenyl-d14	12.857	244	163208	10.076	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.434	88	20861	6.522	ng	97
3) Pyridine	3.275	79	51494m	6.152	ng	
4) n-Nitrosodimethylamine	3.157	42	28520	7.393	ng	# 88
6) Aniline	6.428	93	64569	5.835	ng	# 79
8) 2-Chlorophenol	6.557	128	64733	7.500	ng	96
10) Phenol	6.434	94	85309	8.010	ng	89
11) bis(2-Chloroethyl)ether	6.492	93	61485	7.602	ng	97
12) 1,3-Dichlorobenzene	6.692	146	68948	7.399	ng	98
13) 1,4-Dichlorobenzene	6.775	146	72027	7.565	ng	95
14) 1,2-Dichlorobenzene	6.928	146	66787	7.553	ng	99
15) Benzyl Alcohol	6.916	79	51372	7.009	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.028	45	88101	8.130	ng	71
17) 2-Methylphenol	7.034	107	55563	8.017	ng	98
18) Hexachloroethane	7.257	117	21865	6.116	ng	98
19) n-Nitroso-di-n-propyla...	7.163	70	47166	7.685	ng	96
20) 3+4-Methylphenols	7.192	107	66832	7.184	ng	98
22) Acetophenone	7.169	105	96883	8.325	ng	# 96
24) Nitrobenzene	7.345	77	70677	7.857	ng	95
25) Isophorone	7.581	82	119759	7.800	ng	98
26) 2-Nitrophenol	7.663	139	31099	7.029	ng	96
27) 2,4-Dimethylphenol	7.710	122	53814	8.481	ng	96
28) bis(2-Chloroethoxy)met...	7.786	93	74330	8.291	ng	99
29) 2,4-Dichlorophenol	7.928	162	47560	6.855	ng	96
30) 1,2,4-Trichlorobenzene	7.981	180	52250	7.138	ng	98
31) Naphthalene	8.057	128	207838	8.324	ng	100
32) Benzoic acid	7.845	122	9813m	6.556	ng	
33) 4-Chloroaniline	8.122	127	48617	4.951	ng	98
34) Hexachlorobutadiene	8.169	225	32635	7.322	ng	99
35) Caprolactam	8.469	113	14109m	6.539	ng	
36) 4-Chloro-3-methylphenol	8.622	107	49309	6.587	ng	93
37) 2-Methylnaphthalene	8.751	142	128034	7.813	ng	97
38) 1-Methylnaphthalene	8.845	142	119652	7.513	ng	97
40) 1,2,4,5-Tetrachloroben...	8.916	216	47123	8.070	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	27976	7.374	ng	96
44) 2,4,5-Trichlorophenol	9.098	196	26842	6.576	ng	98
46) 1,1'-Biphenyl	9.210	154	138065	8.657	ng	100

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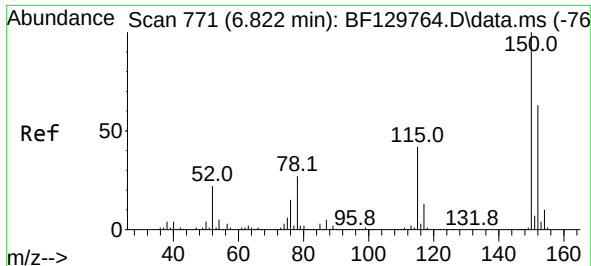
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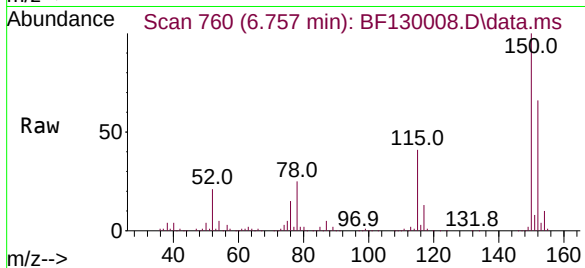
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.239	162	99740	7.904	ng	99
48) 2-Nitroaniline	9.351	65	31439	7.883	ng	97
49) Acenaphthylene	9.651	152	169757	8.871	ng	99
50) Dimethylphthalate	9.510	163	120087	7.979	ng	# 99
51) 2,6-Dinitrotoluene	9.586	165	22373	6.853	ng	99
52) Acenaphthene	9.822	154	96495	8.311	ng	99
53) 3-Nitroaniline	9.763	138	22409	6.207	ng	# 92
54) 2,4-Dinitrophenol	9.922	184	137	5.558	ng	# 46
55) Dibenzofuran	9.998	168	139064	7.973	ng	93
56) 4-Nitrophenol	9.975	139	9063m	5.643	ng	
57) 2,4-Dinitrotoluene	9.998	165	26999	6.371	ng	# 79
58) Fluorene	10.339	166	124470	8.547	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.133	232	16639	5.555	ng	# 78
60) Diethylphthalate	10.204	149	109597	7.303	ng	96
61) 4-Chlorophenyl-phenyle...	10.327	204	44671	6.835	ng	95
62) 4-Nitroaniline	10.375	138	21793m	5.983	ng	
63) Azobenzene	10.486	77	94232	6.570	ng	98
66) n-Nitrosodiphenylamine	10.451	169	83970	8.283	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	25723	7.312	ng	93
68) Hexachlorobenzene	10.886	284	25564	6.708	ng	96
69) Atrazine	10.974	200	25534	8.206	ng	96
70) Pentachlorophenol	11.104	266	11754m	14.805	ng	
71) Phenanthrene	11.304	178	352882	21.036	ng	99
72) Anthracene	11.357	178	186978	11.209	ng	99
73) Carbazole	11.522	167	125062	8.259	ng	98
74) Di-n-butylphthalate	11.833	149	145999	7.491	ng	99
75) Fluoranthene	12.498	202	488119	28.436	ng	99
78) Pyrene	12.727	202	478674	20.438	ng	100
80) Butylbenzylphthalate	13.333	149	66142	6.674	ng	99
81) Benzo(a)anthracene	13.915	228	324281	17.491	ng	98
82) 3,3'-Dichlorobenzidine	13.874	252	38458	6.698	ng	96
83) Chrysene	13.951	228	285663	16.460	ng	99
84) Bis(2-ethylhexyl)phtha...	13.886	149	95030	8.082	ng	99
85) Di-n-octyl phthalate	14.498	149	159828	9.847	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.821	276	144023	10.398	ng	97
88) Benzo(b)fluoranthene	14.957	252	277117	20.059	ng	98
89) Benzo(k)fluoranthene	14.986	252	149266	11.266	ng	99
90) Benzo(a)pyrene	15.315	252	197979	18.197	ng	96
91) Dibenzo(a,h)anthracene	16.821	278	87906	7.692	ng	94
92) Benzo(g,h,i)perylene	17.262	276	122964	10.785	ng	96

(#) = 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: BF130008.D
 Acq: 25 Aug 2022 20:01

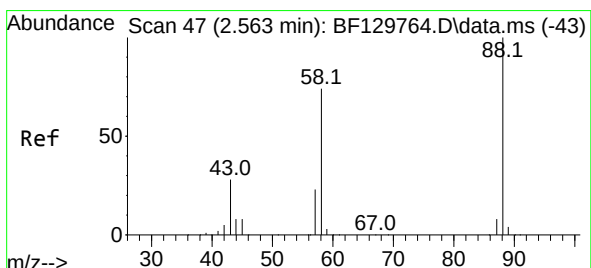
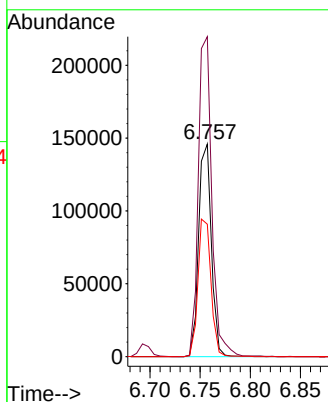
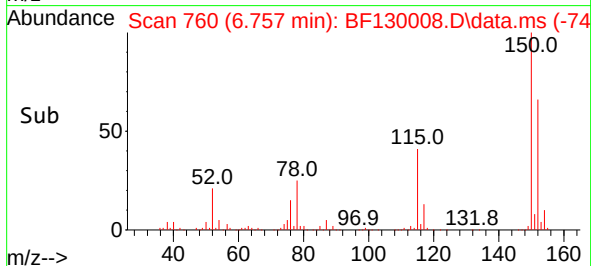
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082322MS



Tgt Ion: 152 Resp: 128376
 Ion Ratio Lower Upper
 152 100
 150 150.5 126.9 190.3
 115 62.3 53.4 80.0

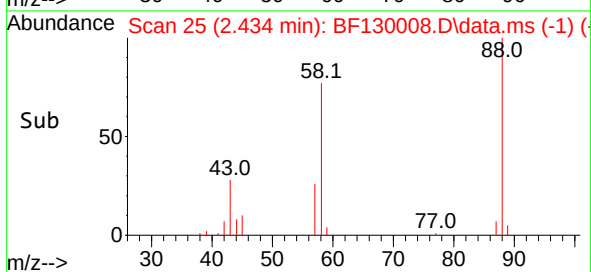
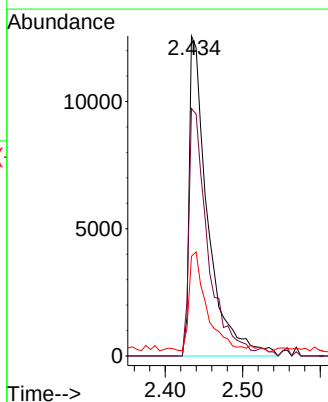
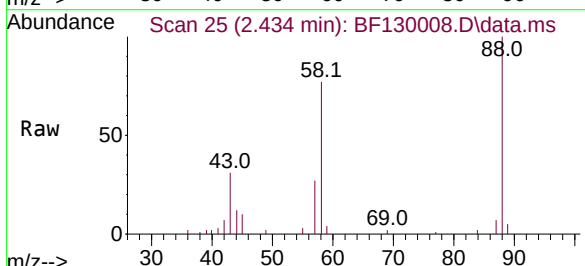
Manual Integrations
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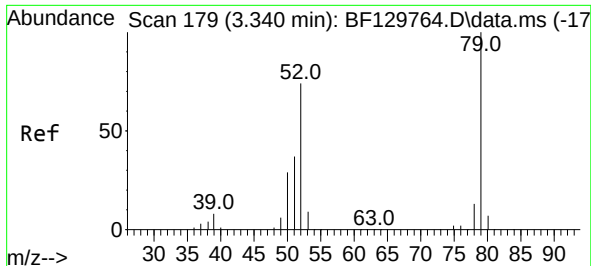
Reviewed By : Christian Giraldo 08/26/2022
 Supervised By : Jagrut Upadhyay 08/26/2022



#2
 1,4-Dioxane
 Concen: 6.522 ng
 RT: 2.434 min Scan# 25
 Delta R.T. -0.012 min
 Lab File: BF130008.D
 Acq: 25 Aug 2022 20:01

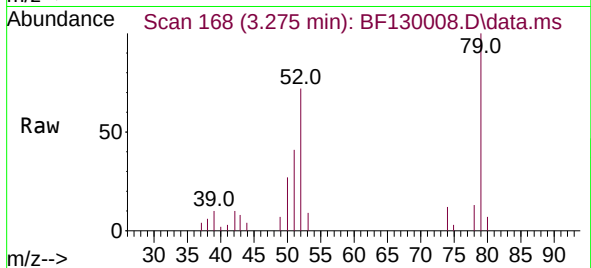
Tgt Ion: 88 Resp: 20861
 Ion Ratio Lower Upper
 88 100
 58 79.4 60.9 91.3
 43 29.0 23.6 35.4





#3
Pyridine
Concen: 6.152 ng m
RT: 3.275 min Scan# 10
Delta R.T. 0.071 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

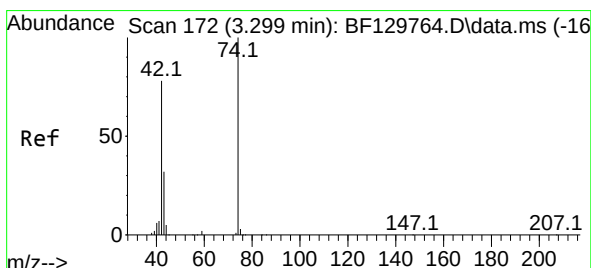
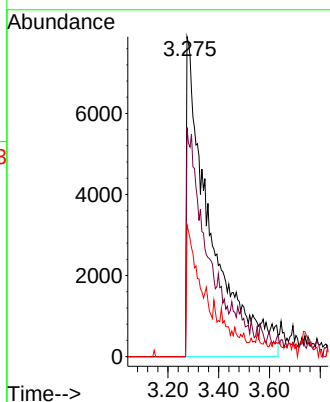
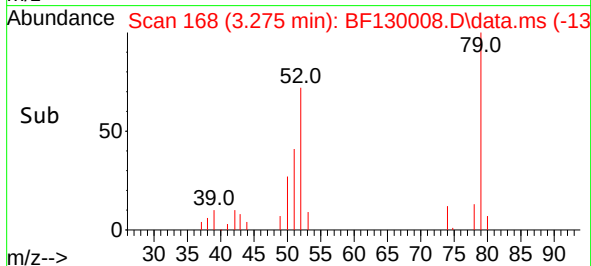
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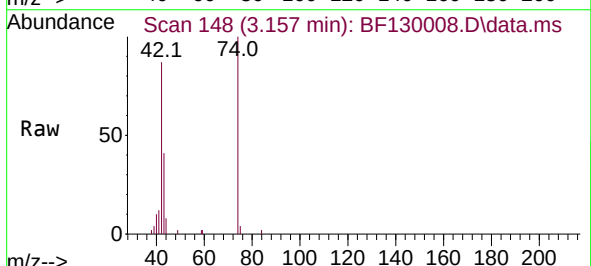
Tgt Ion: 79 Resp: 51494
Ion Ratio Lower Upper
79 100
52 71.6 59.4 89.2
51 41.2 29.5 44.3

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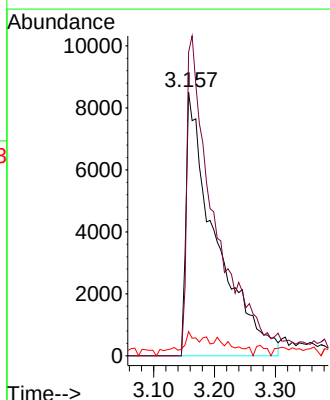
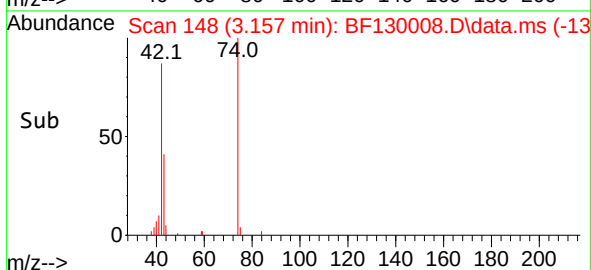
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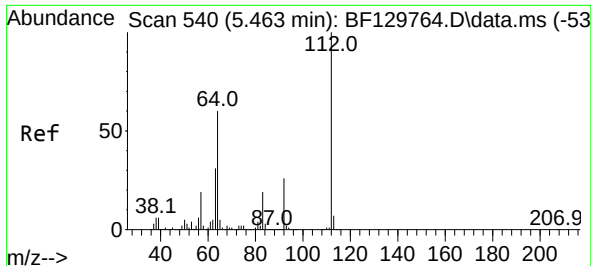


#4
n-Nitrosodimethylamine
Concen: 7.393 ng
RT: 3.157 min Scan# 148
Delta R.T. -0.012 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01



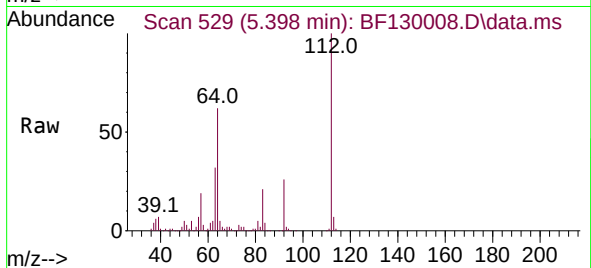
Tgt Ion: 42 Resp: 28520
Ion Ratio Lower Upper
42 100
74 115.2 103.1 154.7
44 9.2 5.4 8.2#





#5
2-Fluorophenol
Concen: 19.096 ng
RT: 5.398 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

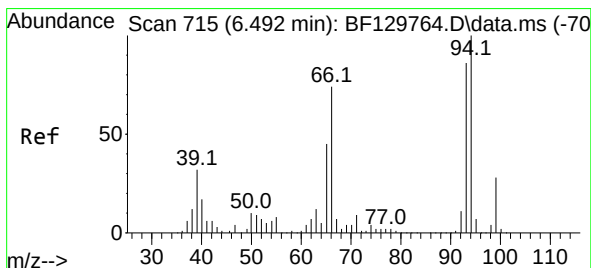
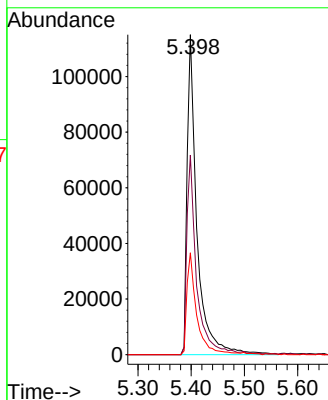
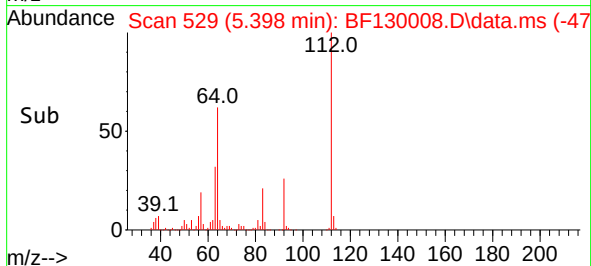
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



Tgt Ion: 112 Resp: 148056
Ion Ratio Lower Upper
112 100
64 62.4 47.6 71.4
63 31.8 24.6 37.0

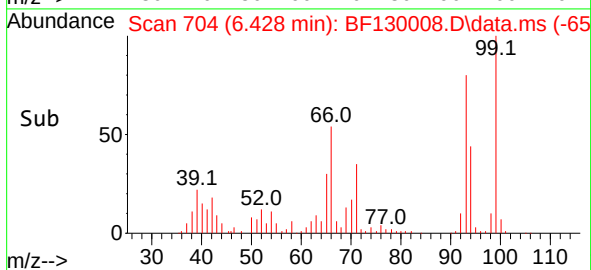
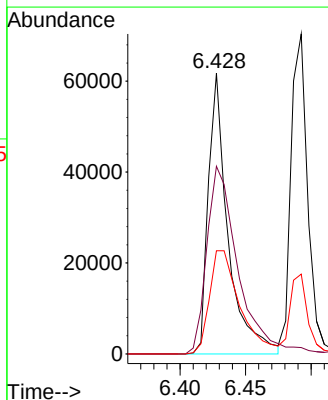
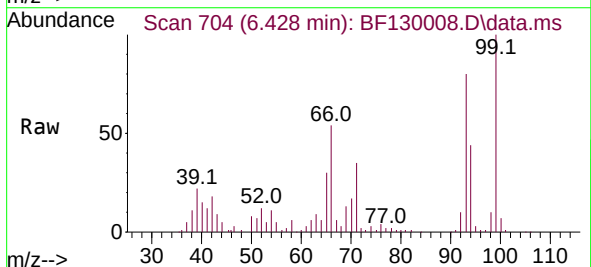
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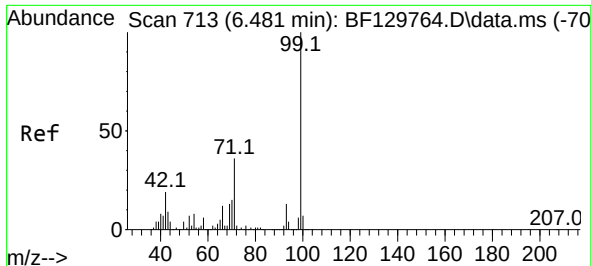
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#6
Aniline
Concen: 5.835 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

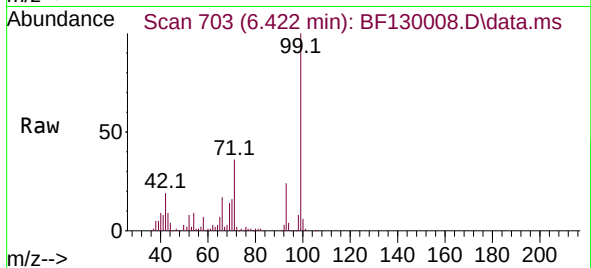
Tgt Ion: 93 Resp: 64569
Ion Ratio Lower Upper
93 100
66 66.8 68.7 103.1#
65 36.7 41.6 62.4#





#7
Phenol-d6
Concen: 18.725 ng
RT: 6.422 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

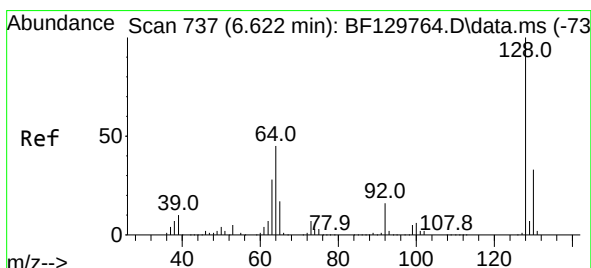
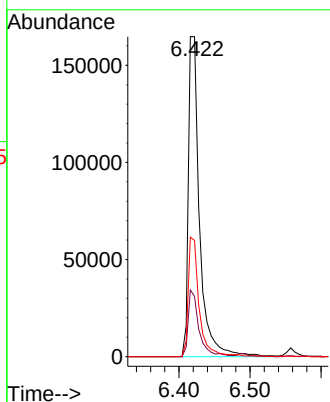
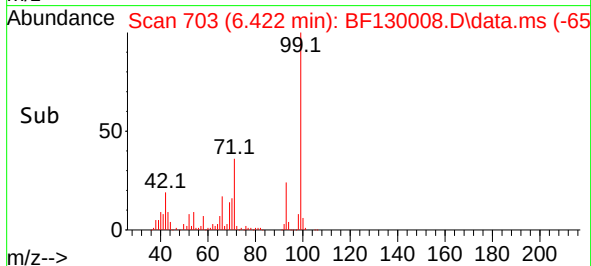
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 18180
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 36.3 28.8 43.2

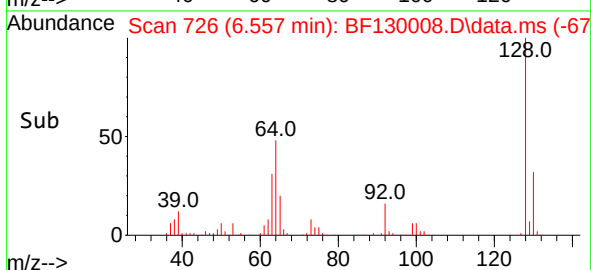
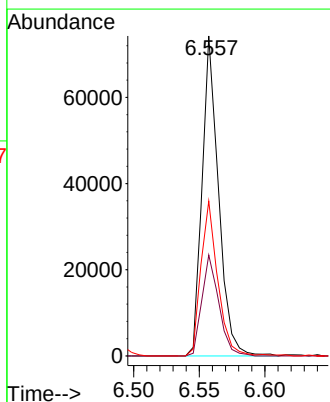
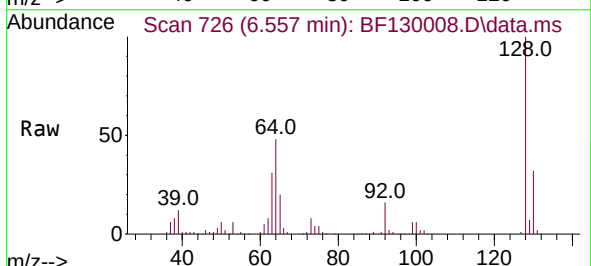
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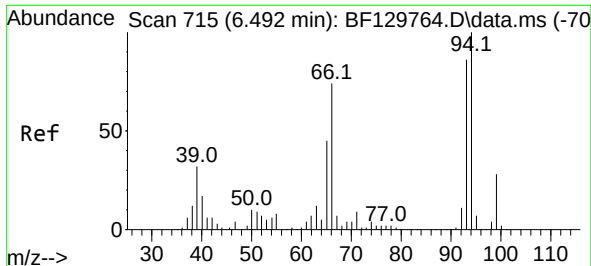
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#8
2-Chlorophenol
Concen: 7.500 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

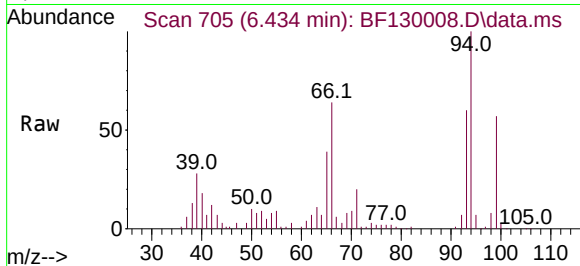
Tgt Ion:128 Resp: 64733
Ion Ratio Lower Upper
128 100
130 31.5 12.5 52.5
64 48.4 24.9 64.9





#10
Phenol
Concen: 8.010 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

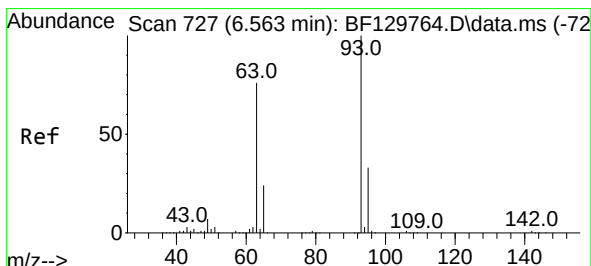
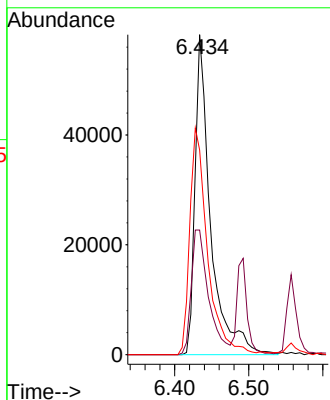
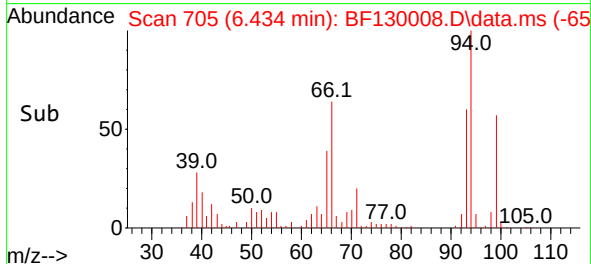
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



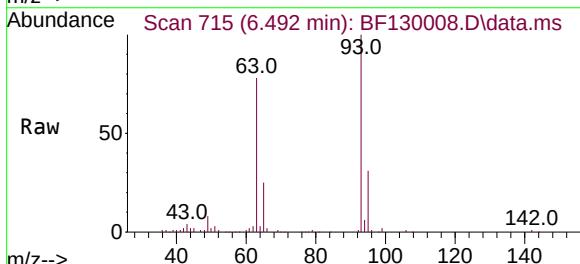
Tgt Ion: 94 Resp: 85309
Ion Ratio Lower Upper
94 100
65 38.9 24.9 64.9
66 63.9 54.2 94.2

Manual Integrations
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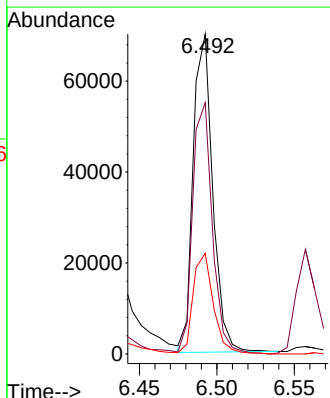
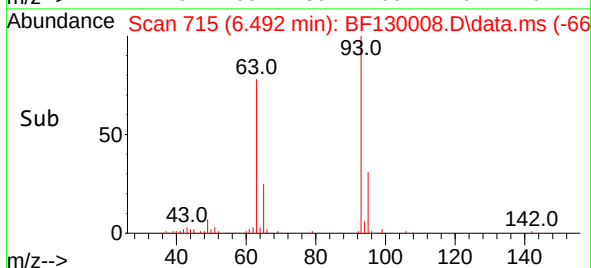
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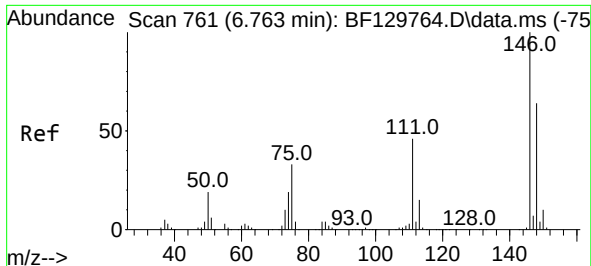


#11
bis(2-Chloroethyl)ether
Concen: 7.602 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01



Tgt Ion: 93 Resp: 61485
Ion Ratio Lower Upper
93 100
63 78.5 55.9 95.9
95 31.5 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 7.399 ng

RT: 6.692 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF130008.D

Acq: 25 Aug 2022 20:01

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MS

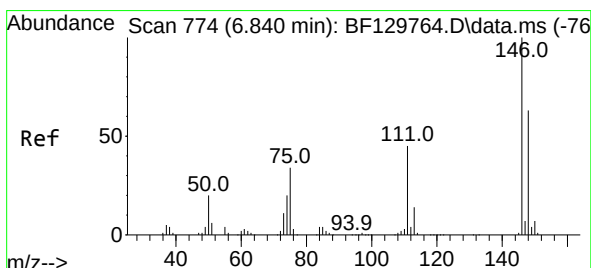
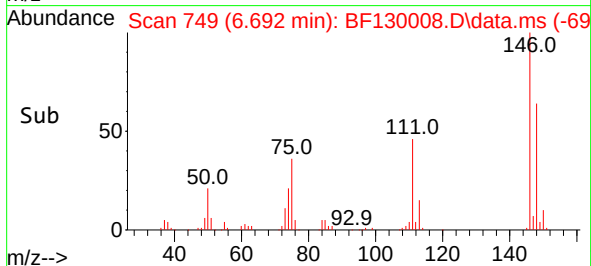
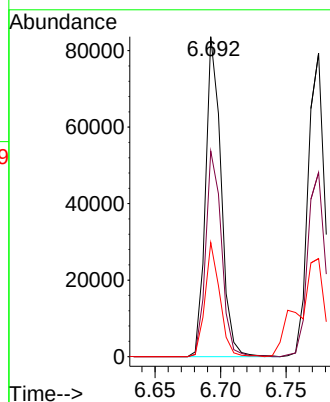
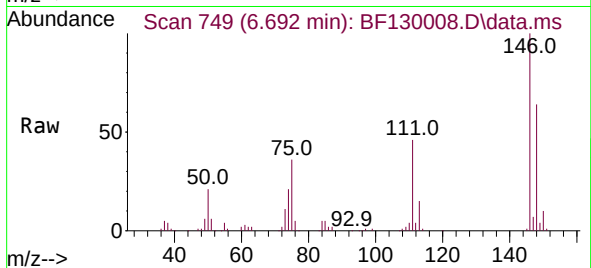
Tgt Ion:146 Resp: 68948
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.2 76.8
 75 35.6 26.5 39.7

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#13

1,4-Dichlorobenzene

Concen: 7.565 ng

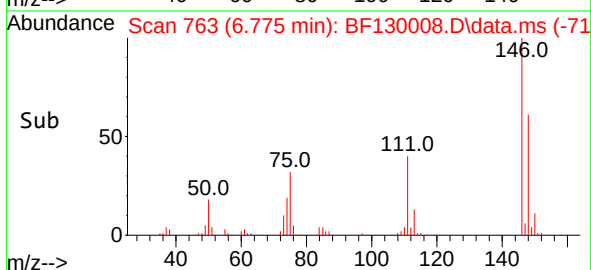
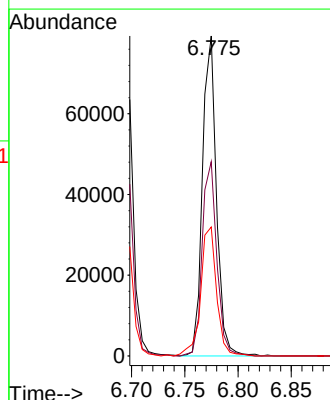
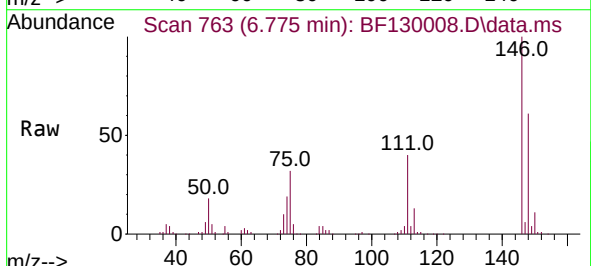
RT: 6.775 min Scan# 763

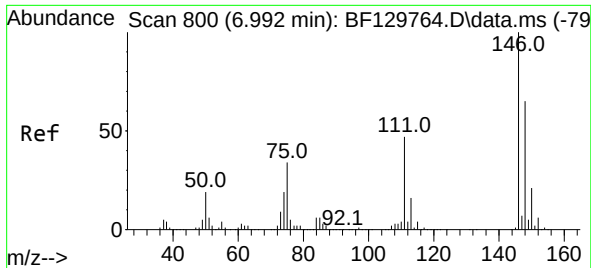
Delta R.T. -0.000 min

Lab File: BF130008.D

Acq: 25 Aug 2022 20:01

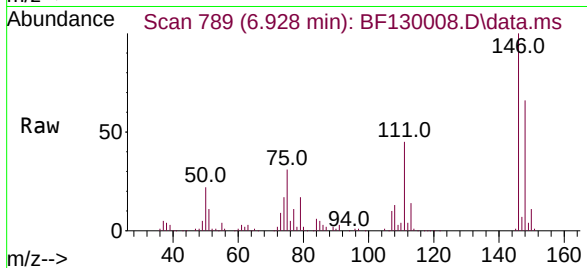
Tgt Ion:146 Resp: 72027
 Ion Ratio Lower Upper
 146 100
 148 60.7 50.6 75.8
 111 40.3 36.2 54.4





#14
1,2-Dichlorobenzene
Concen: 7.553 ng
RT: 6.928 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

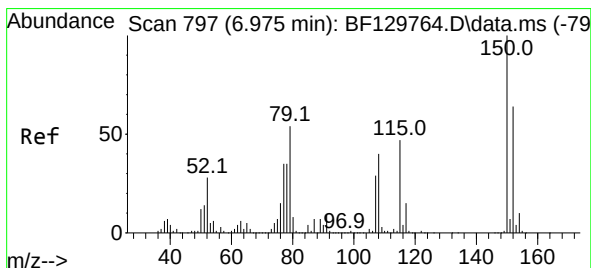
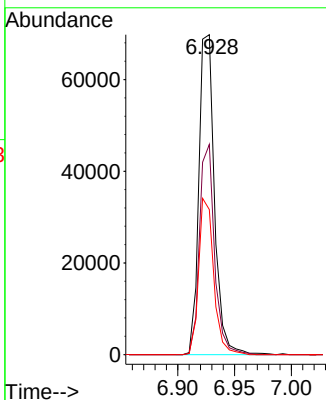
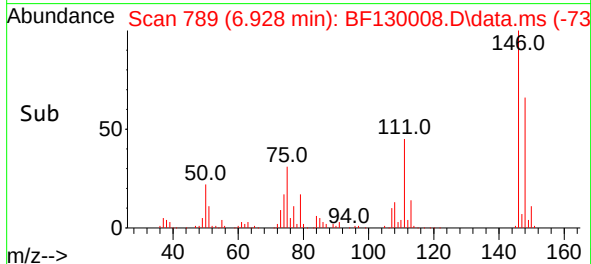
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



Tgt Ion:146 Resp: 6678
Ion Ratio Lower Upper
146 100
148 65.7 51.8 77.6
111 45.3 37.2 55.8

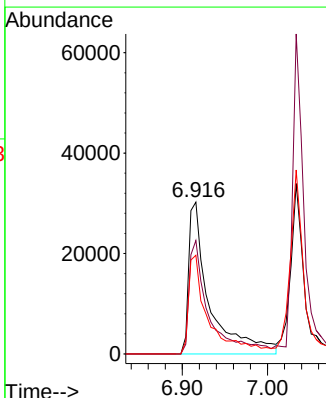
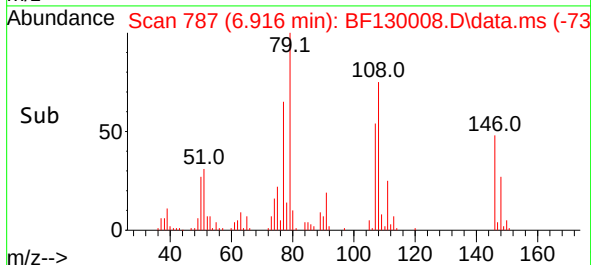
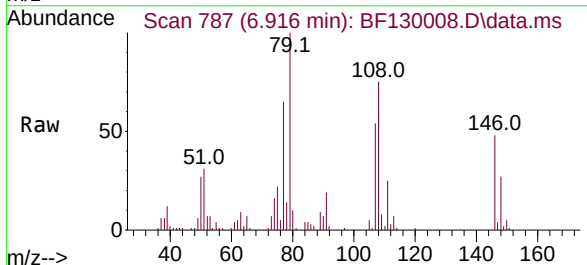
Manual Integrations
APPROVED

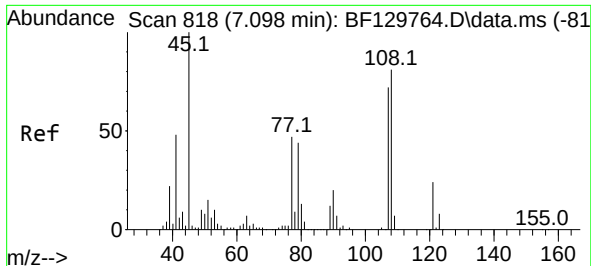
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#15
Benzyl Alcohol
Concen: 7.009 ng
RT: 6.916 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Tgt Ion: 79 Resp: 51372
Ion Ratio Lower Upper
79 100
108 74.7 59.2 88.8
77 65.0 51.9 77.9





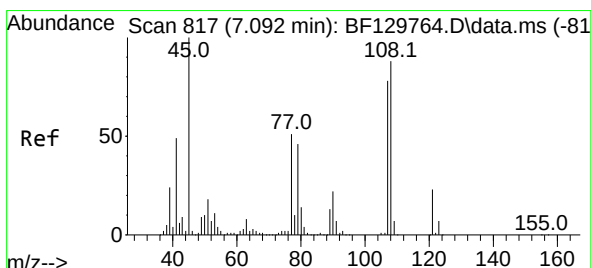
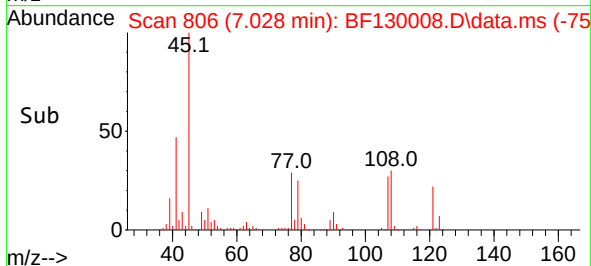
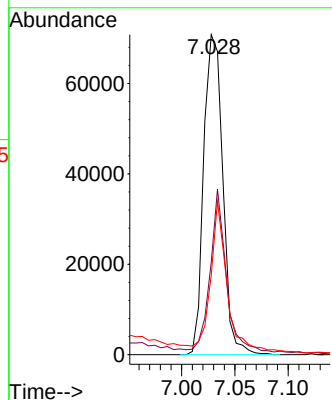
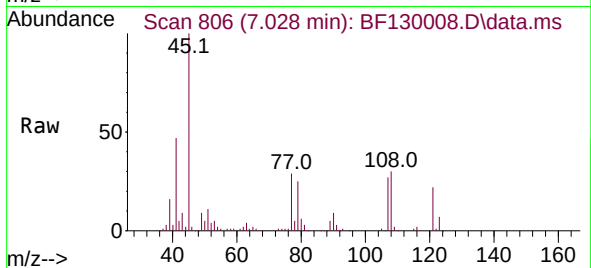
#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.130 ng
RT: 7.028 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS

Tgt Ion: 45 Resp: 8810
Ion Ratio Lower Upper
45 100
77 28.8 27.4 67.4
79 24.8 24.4 64.4

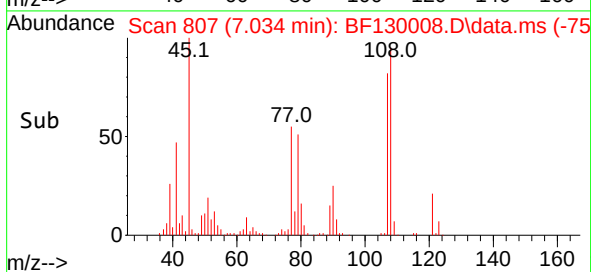
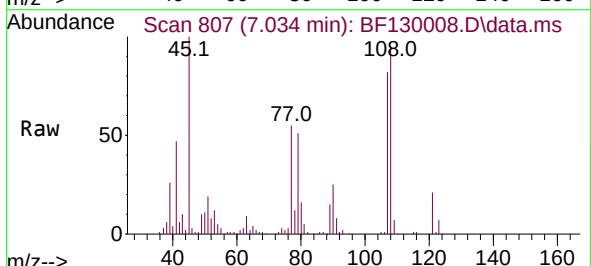
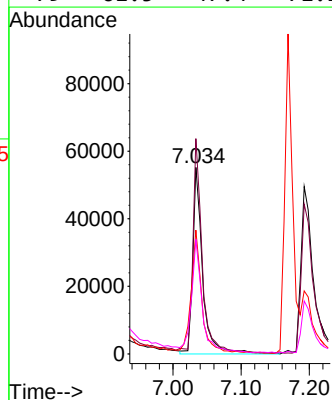
Manual Integrations
APPROVED

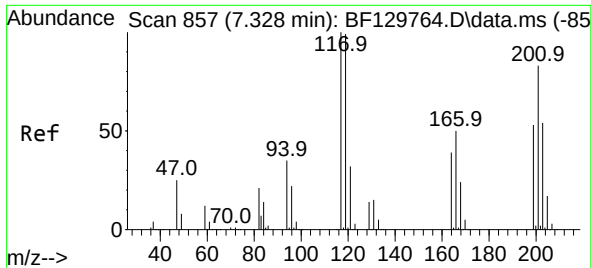
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#17
2-Methylphenol
Concen: 8.017 ng
RT: 7.034 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

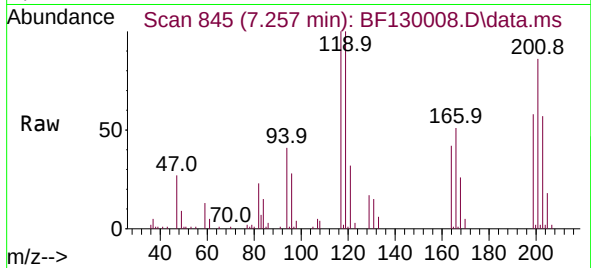
Tgt Ion:107 Resp: 55563
Ion Ratio Lower Upper
107 100
108 115.4 90.2 135.2
77 66.3 51.8 77.8
79 61.5 47.4 71.2





#18
Hexachloroethane
Concen: 6.116 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

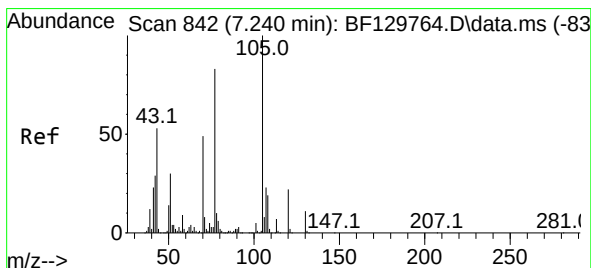
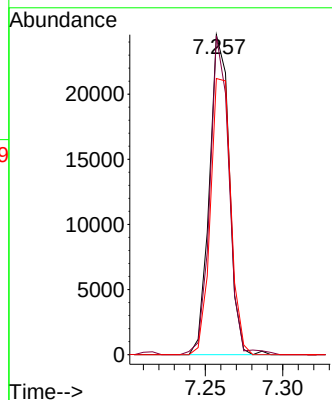
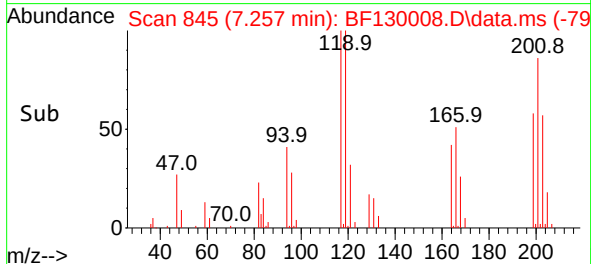
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



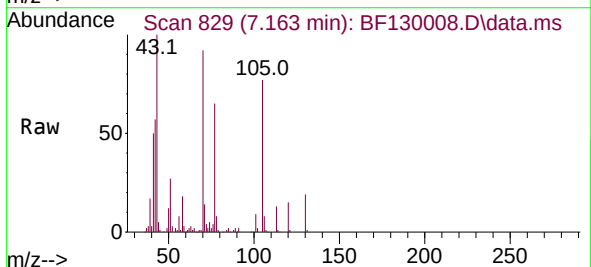
Tgt Ion: 117 Resp: 2186
Ion Ratio Lower Upper
117 100
119 99.6 79.1 118.7
201 86.3 66.6 100.0

Manual Integrations
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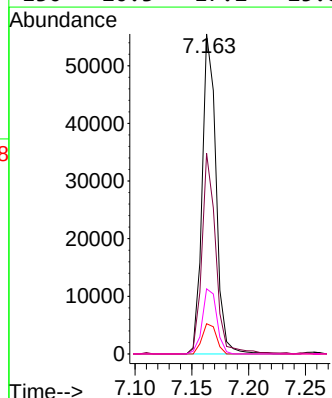
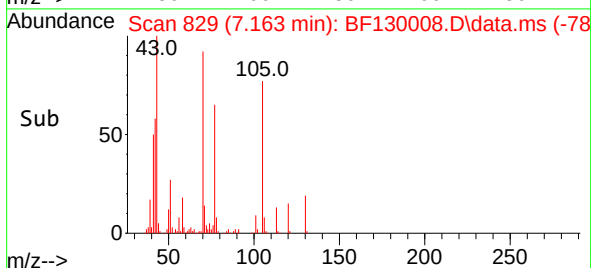
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

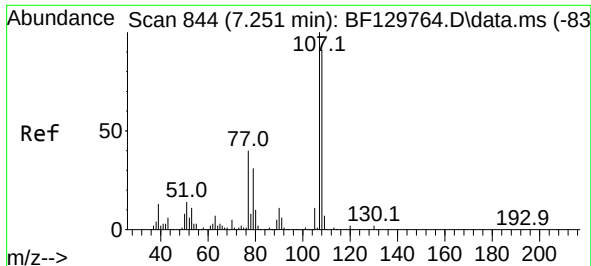


#19
n-Nitroso-di-n-propylamine
Concen: 7.685 ng
RT: 7.163 min Scan# 829
Delta R.T. -0.018 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01



Tgt Ion: 70 Resp: 47166
Ion Ratio Lower Upper
70 100
42 62.7 47.6 71.4
101 9.4 8.1 12.1
130 20.3 17.2 25.8





#20

3+4-Methylphenols

Concen: 7.184 ng

RT: 7.192 min Scan# 844

Delta R.T. -0.000 min

Lab File: BF130008.D

Acq: 25 Aug 2022 20:01

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MS

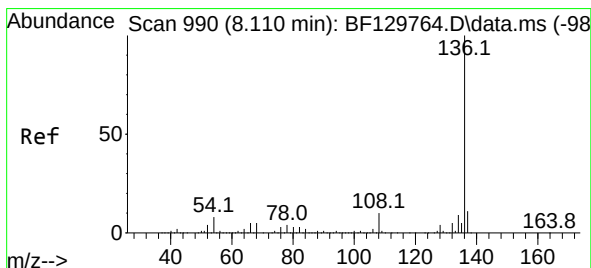
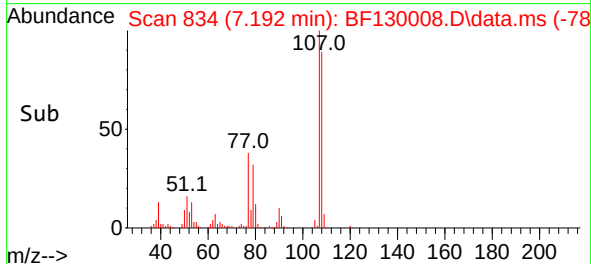
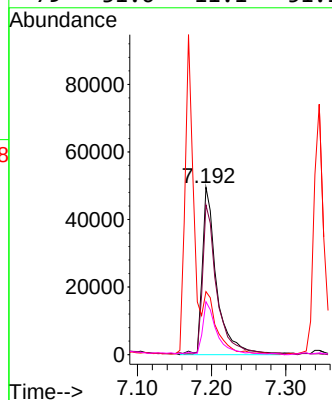
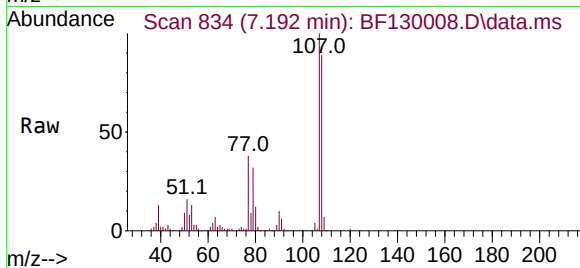
Tgt Ion:107	Resp: 66832
Ion Ratio	Lower Upper
107 100	
108 89.4	71.3 111.3
77 37.7	20.4 60.4
79 31.6	11.1 51.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#21

Naphthalene-d8

Concen: 20.000 ng

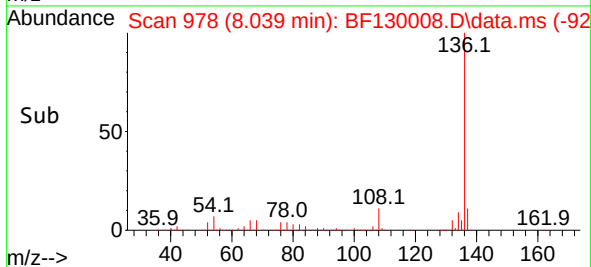
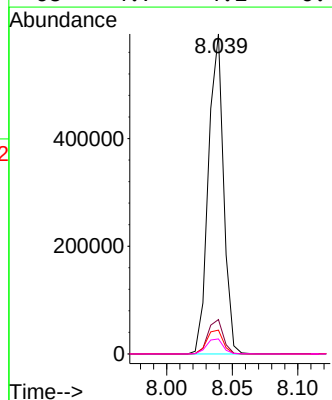
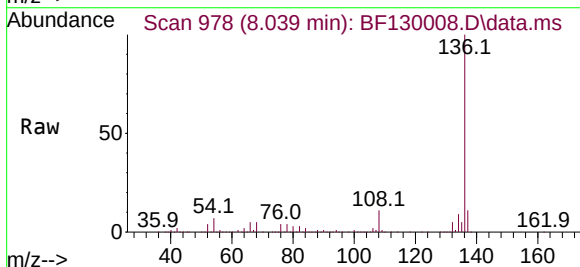
RT: 8.039 min Scan# 978

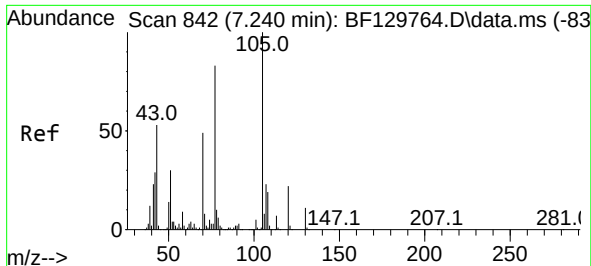
Delta R.T. -0.000 min

Lab File: BF130008.D

Acq: 25 Aug 2022 20:01

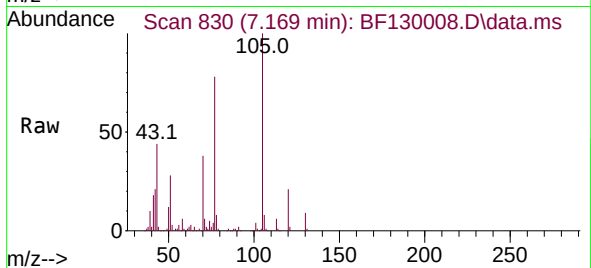
Tgt Ion:136	Resp: 477536
Ion Ratio	Lower Upper
136 100	
137 10.8	8.4 12.6
54 7.4	6.2 9.2
68 4.7	4.2 6.4





#22
Acetophenone
Concen: 8.325 ng
RT: 7.169 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

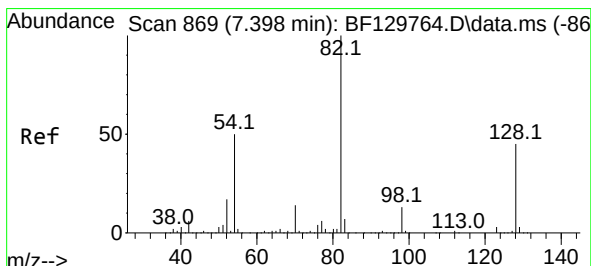
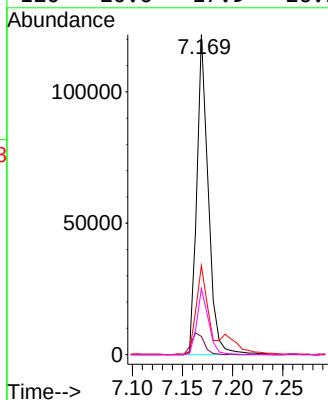
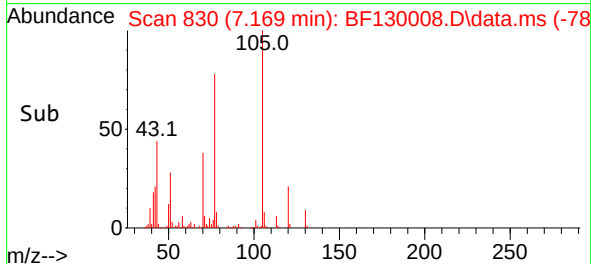
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



Tgt Ion: 105 Resp: 96883
Ion Ratio Lower Upper
105 100
71 5.7 6.6 9.8
51 27.8 23.8 35.8
120 20.6 17.9 26.9

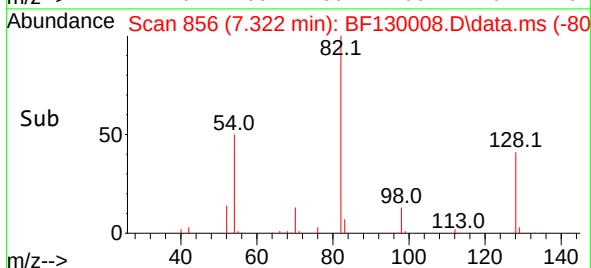
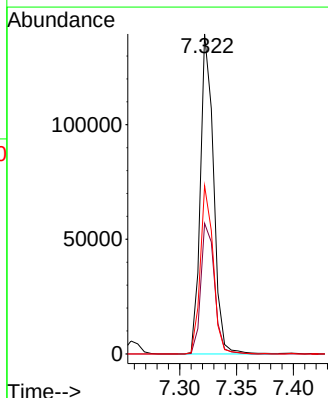
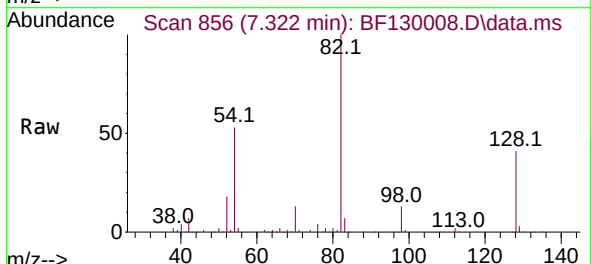
Manual Integrations
APPROVED

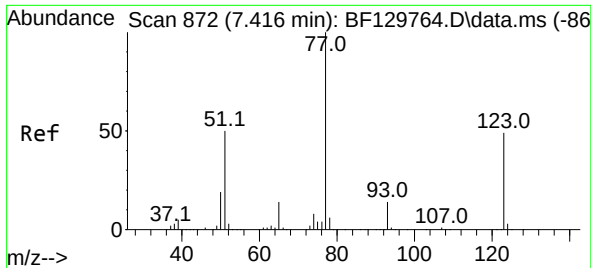
Reviewed By : Christian Giraldo 08/26/2022
Supervised By : Jagrut Upadhyay 08/26/2022



#23
Nitrobenzene-d5
Concen: 12.593 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

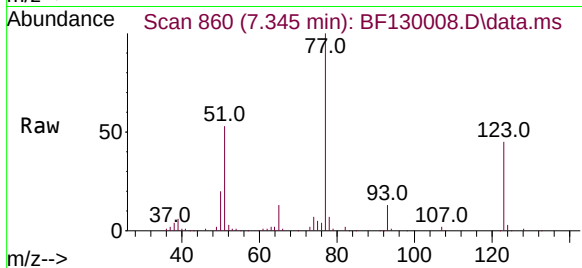
Tgt Ion: 82 Resp: 112340
Ion Ratio Lower Upper
82 100
128 40.8 36.1 54.1
54 52.5 40.0 60.0





#24
Nitrobenzene
Concen: 7.857 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

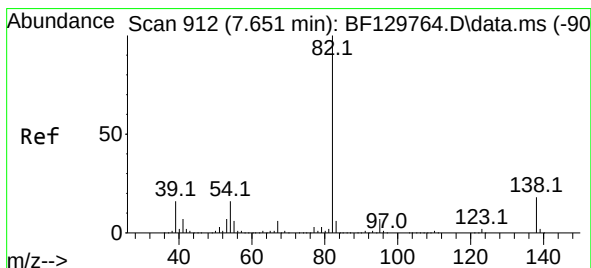
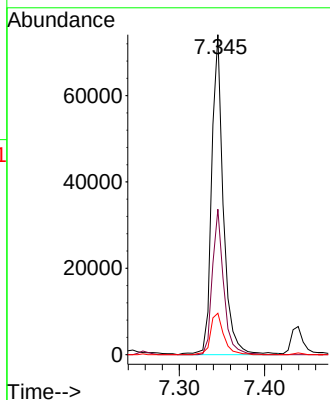
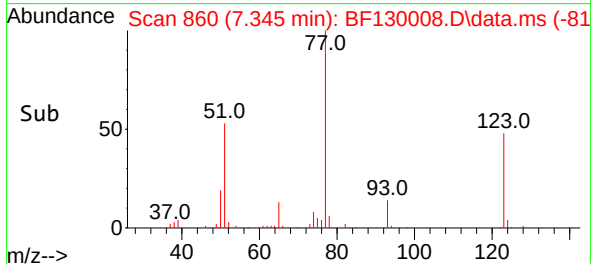
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



Tgt Ion: 77 Resp: 70672
Ion Ratio Lower Upper
77 100
123 45.5 39.2 58.8
65 13.0 11.1 16.7

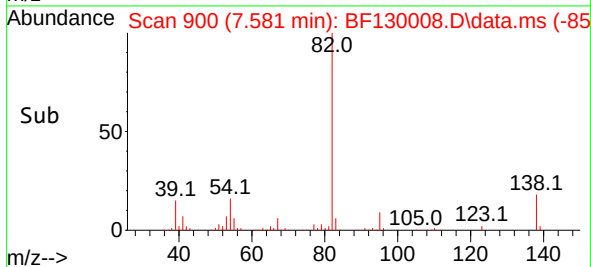
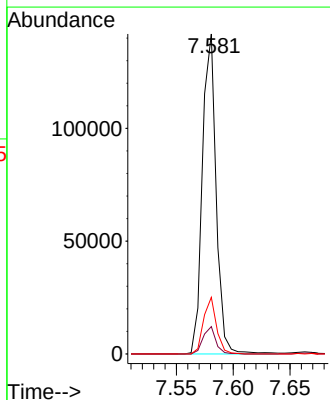
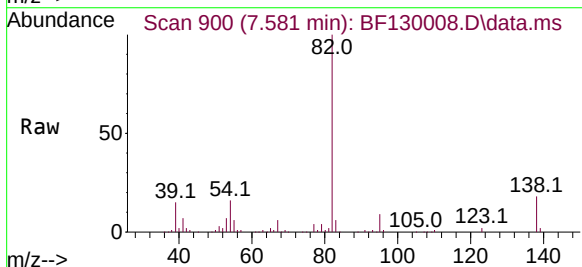
Manual Integrations
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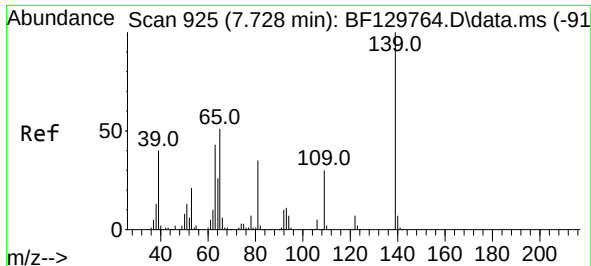
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#25
Isophorone
Concen: 7.800 ng
RT: 7.581 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

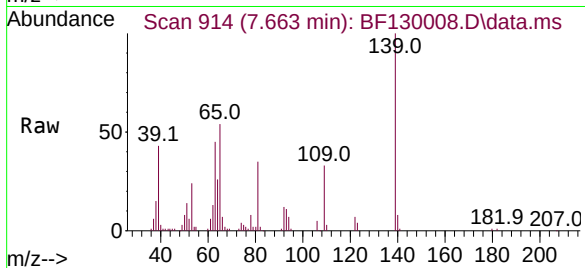
Tgt Ion: 82 Resp: 119759
Ion Ratio Lower Upper
82 100
95 8.5 5.9 8.9
138 17.7 14.6 21.8





#26
2-Nitrophenol
Concen: 7.029 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

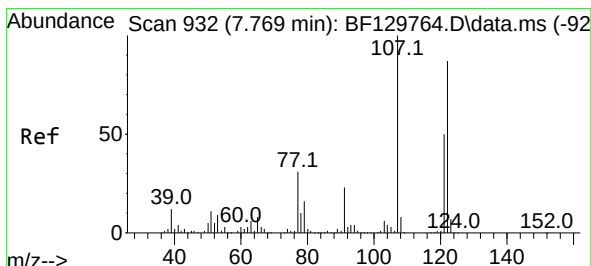
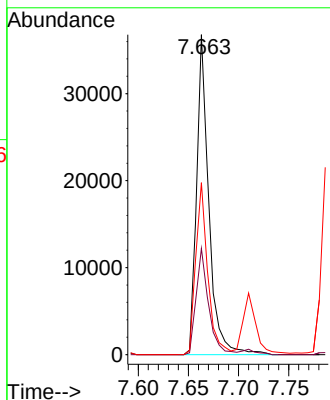
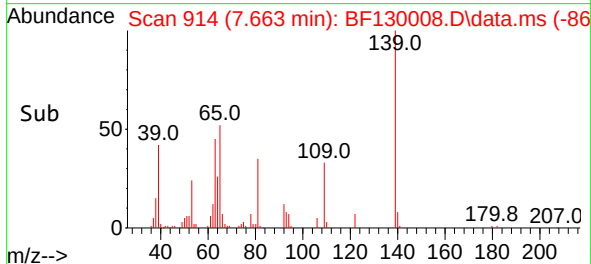
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



Tgt Ion:139 Resp: 31099
Ion Ratio Lower Upper
139 100
109 33.2 24.4 36.6
65 53.7 40.9 61.3

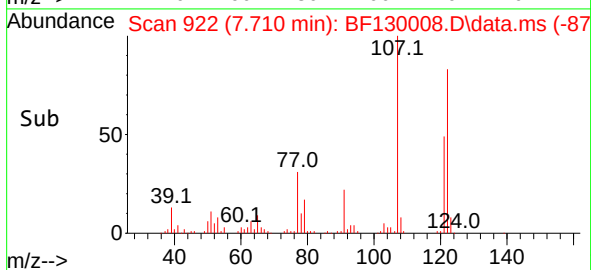
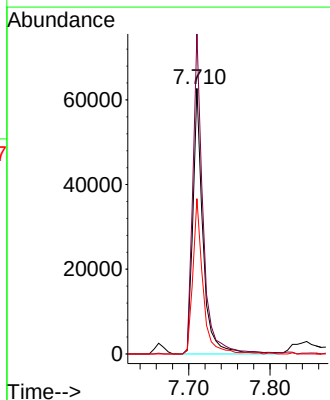
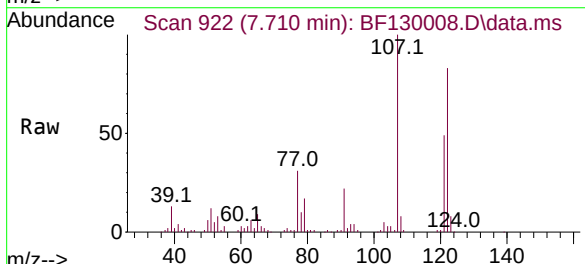
Manual Integrations
APPROVED

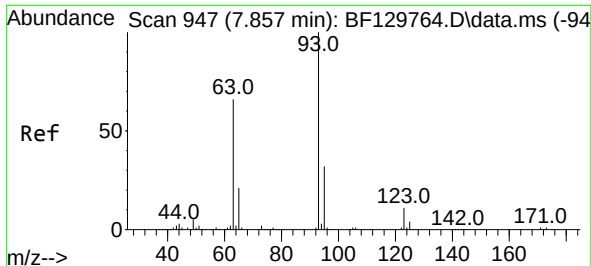
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#27
2,4-Dimethylphenol
Concen: 8.481 ng
RT: 7.710 min Scan# 922
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Tgt Ion:122 Resp: 53814
Ion Ratio Lower Upper
122 100
107 120.5 92.2 138.4
121 58.5 46.1 69.1





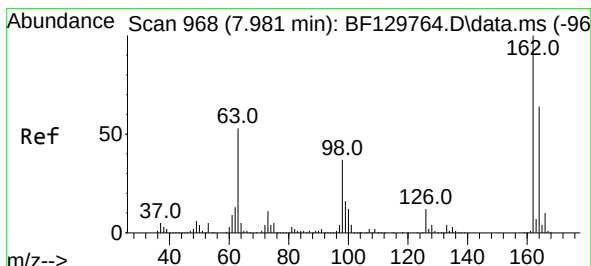
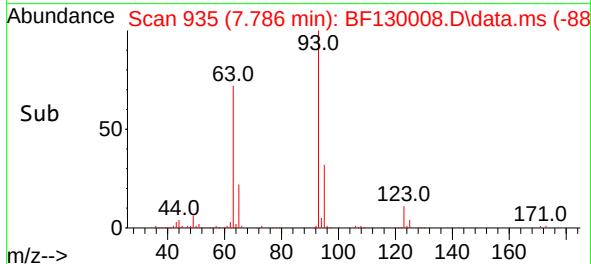
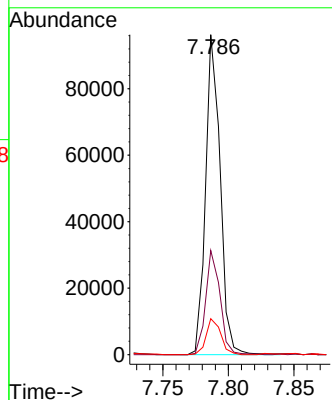
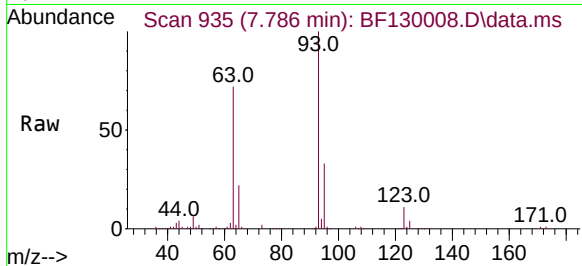
#28
bis(2-Chloroethoxy)methane
Concen: 8.291 ng
RT: 7.786 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS

Tgt Ion: 93 Resp: 74330
Ion Ratio Lower Upper
93 100
95 32.5 25.6 38.4
123 11.2 9.0 13.4

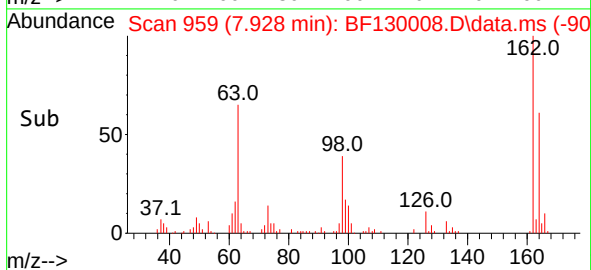
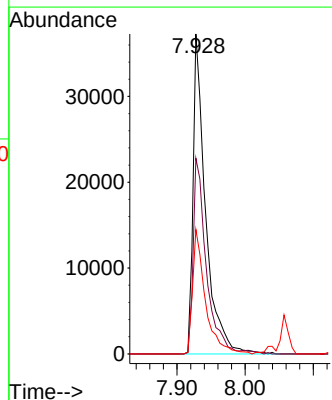
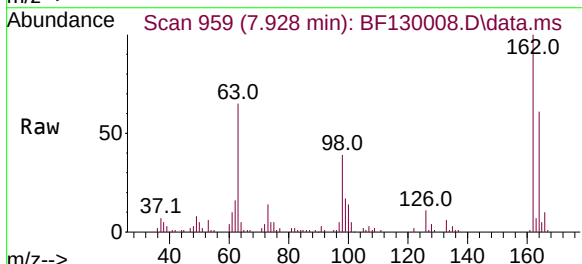
Manual Integrations
APPROVED

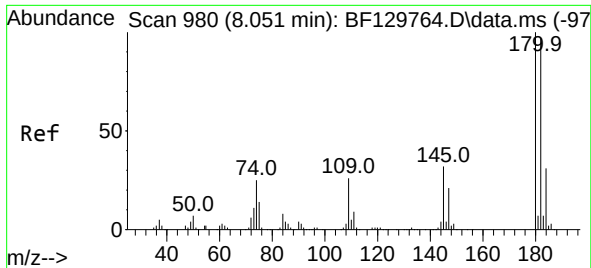
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#29
2,4-Dichlorophenol
Concen: 6.855 ng
RT: 7.928 min Scan# 959
Delta R.T. 0.012 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Tgt Ion:162 Resp: 47560
Ion Ratio Lower Upper
162 100
164 61.1 43.7 83.7
98 38.9 16.5 56.5





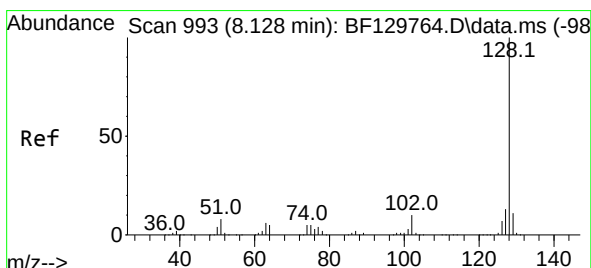
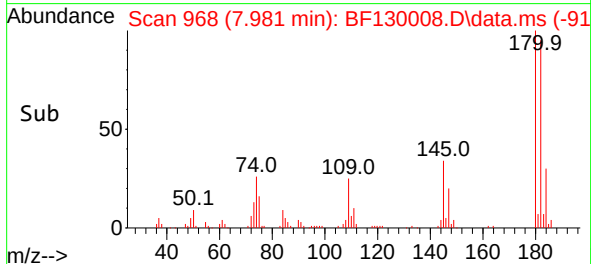
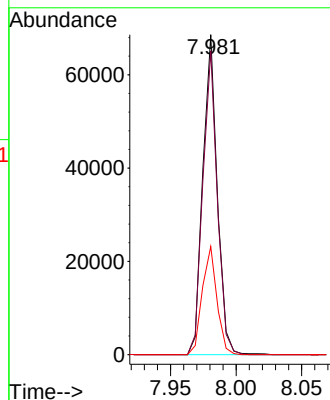
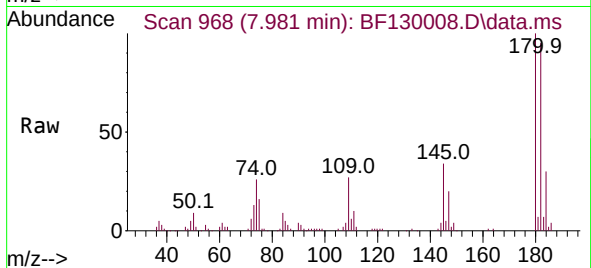
#30
1,2,4-Trichlorobenzene
Concen: 7.138 ng
RT: 7.981 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS

Tgt Ion:180 Resp: 52250
Ion Ratio Lower Upper
180 100
182 94.9 77.6 116.4
145 33.8 25.6 38.4

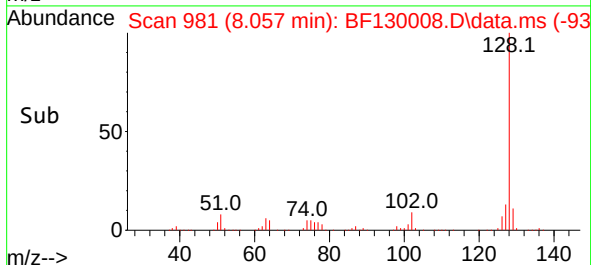
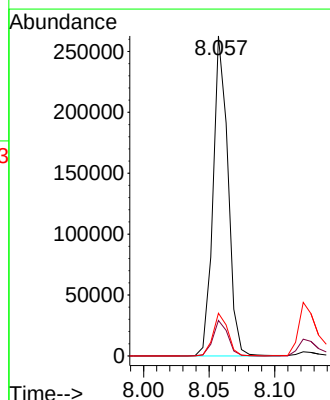
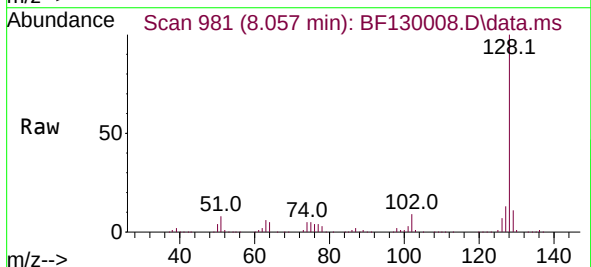
Manual Integrations
APPROVED

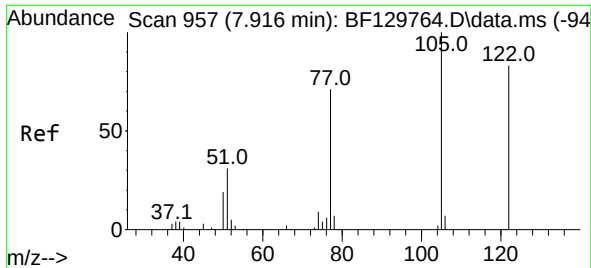
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#31
Naphthalene
Concen: 8.324 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Tgt Ion:128 Resp: 207838
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.7 16.1





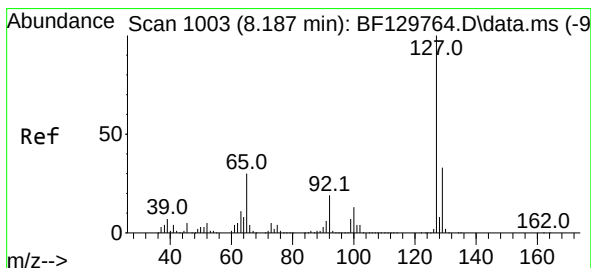
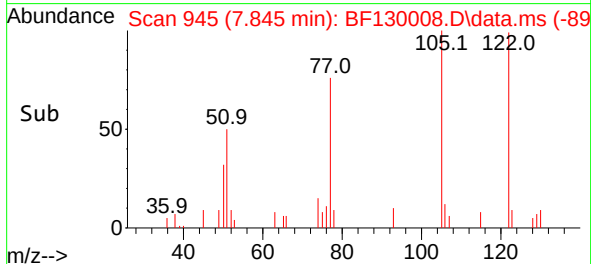
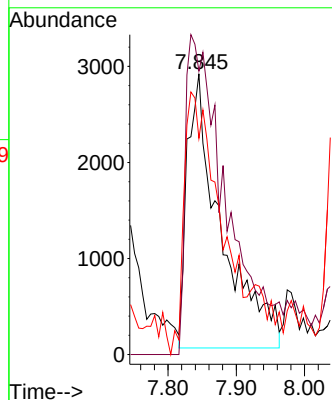
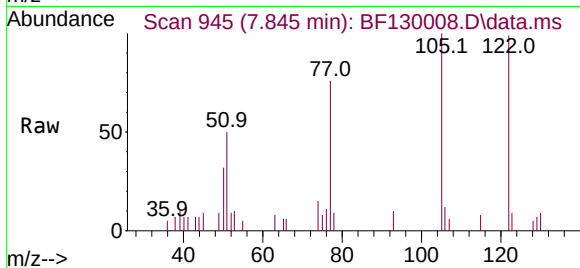
#32
Benzoic acid
Concen: 6.556 ng m
RT: 7.845 min Scan# 94
Delta R.T. -0.018 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS

Tgt Ion:122 Resp: 981
Ion Ratio Lower Upper
122 100
105 100.9 99.9 139.9
77 77.0 65.9 105.9

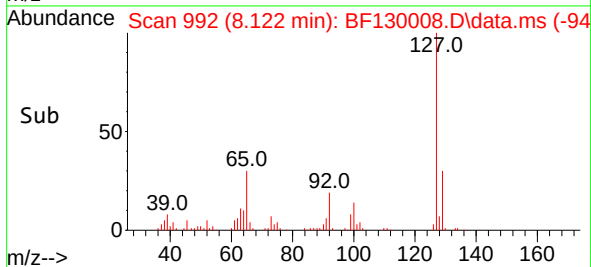
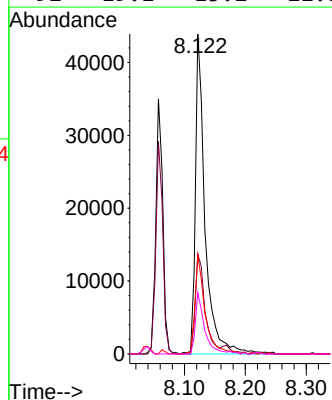
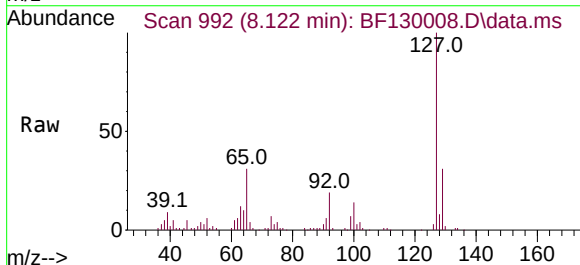
Manual Integrations
APPROVED

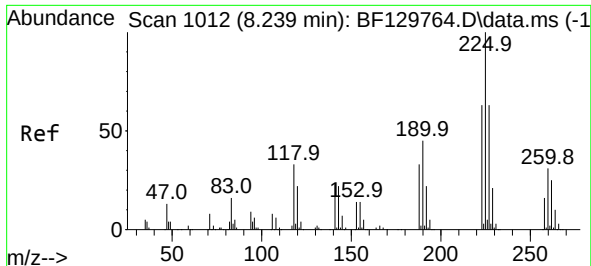
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#33
4-Chloroaniline
Concen: 4.951 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Tgt Ion:127 Resp: 48617
Ion Ratio Lower Upper
127 100
129 31.2 26.7 40.1
65 30.9 24.2 36.2
92 19.1 15.2 22.8





#34
Hexachlorobutadiene
Concen: 7.322 ng
RT: 8.169 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Instrument :

BNA_F

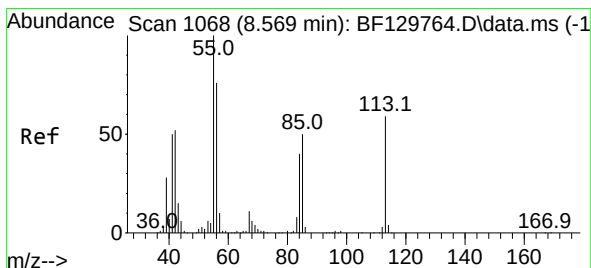
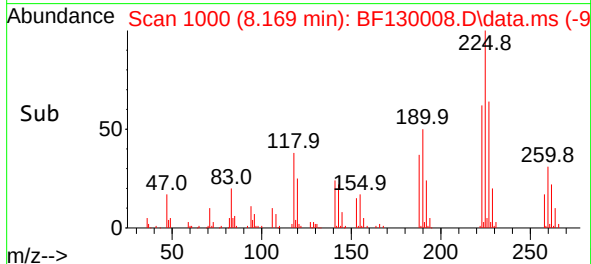
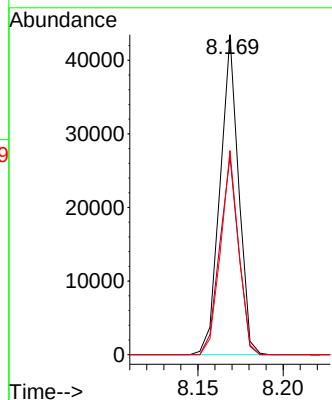
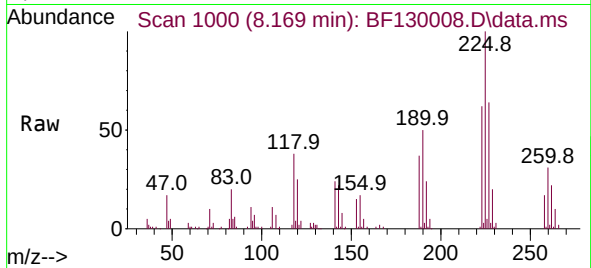
ClientSampleId :

SU-03-082322MS

Tgt Ion:225 Resp: 32635
Ion Ratio Lower Upper
225 100
223 61.9 50.2 75.2
227 63.8 50.6 75.8

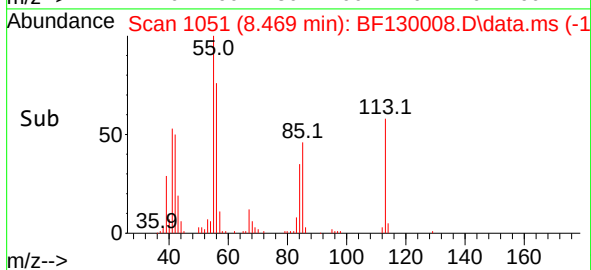
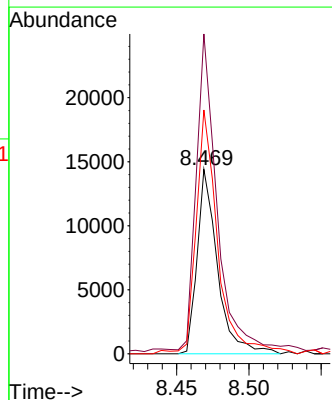
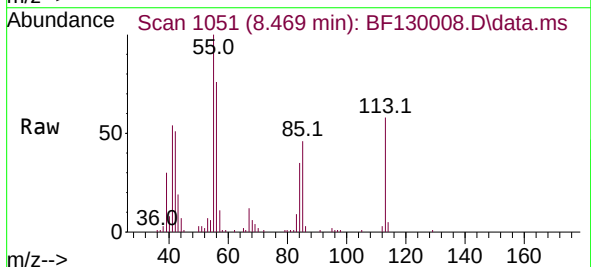
Manual Integrations
APPROVED

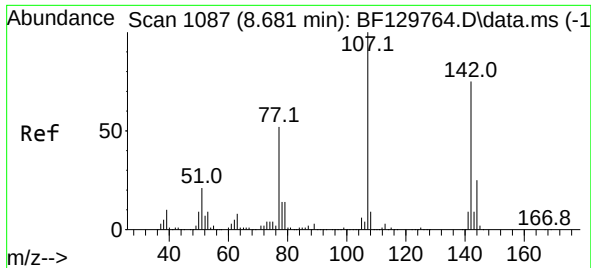
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#35
Caprolactam
Concen: 6.539 ng m
RT: 8.469 min Scan# 1051
Delta R.T. -0.041 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Tgt Ion:113 Resp: 14109
Ion Ratio Lower Upper
113 100
55 173.5 148.8 188.8
56 132.2 109.1 149.1





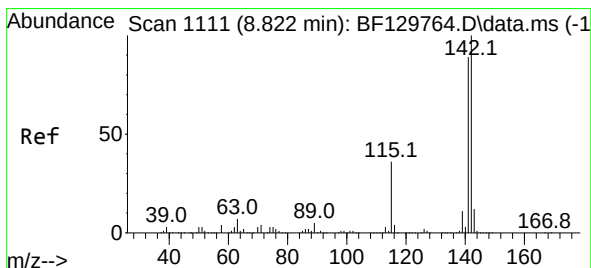
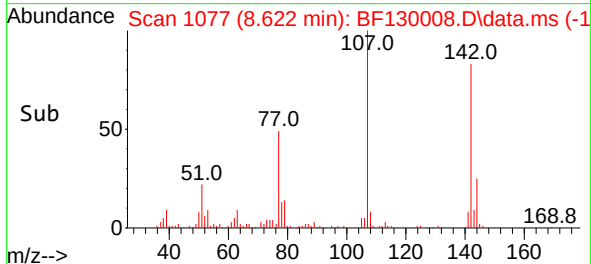
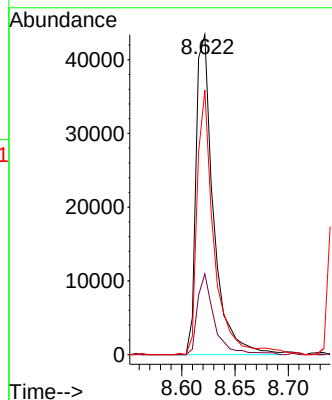
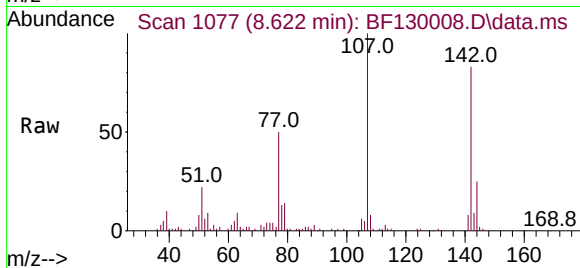
#36
4-Chloro-3-methylphenol
Concen: 6.587 ng
RT: 8.622 min Scan# 1098
Delta R.T. 0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS

Tgt Ion:107 Resp: 49309
Ion Ratio Lower Upper
107 100
144 25.2 19.9 29.9
142 82.6 60.2 90.4

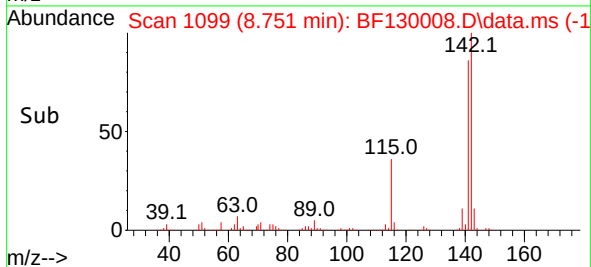
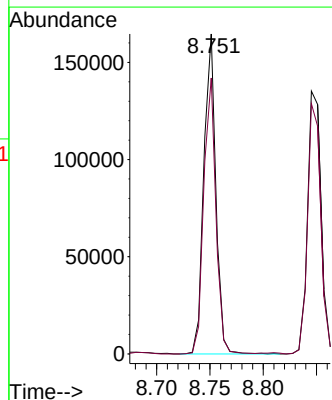
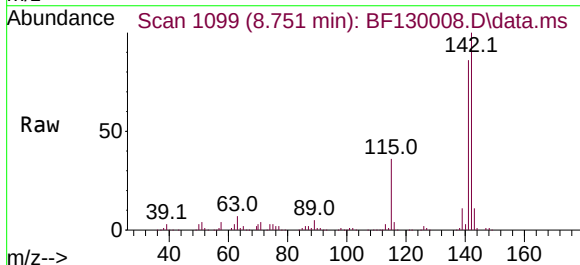
Manual Integrations
APPROVED

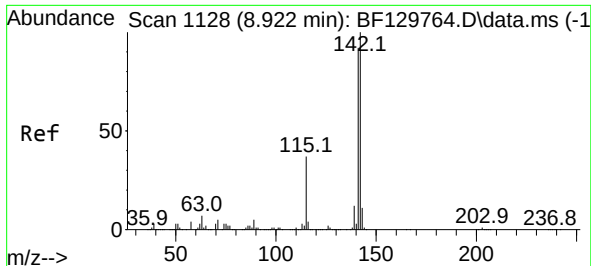
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#37
2-Methylnaphthalene
Concen: 7.813 ng
RT: 8.751 min Scan# 1099
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

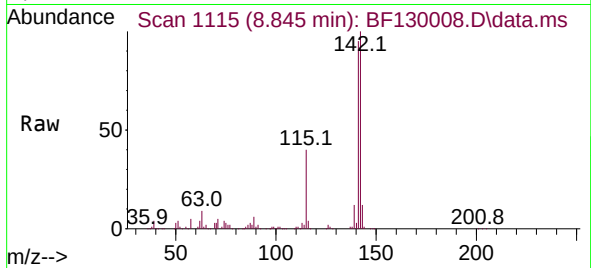
Tgt Ion:142 Resp: 128034
Ion Ratio Lower Upper
142 100
141 86.2 70.9 106.3





#38
1-Methylnaphthalene
Concen: 7.513 ng
RT: 8.845 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

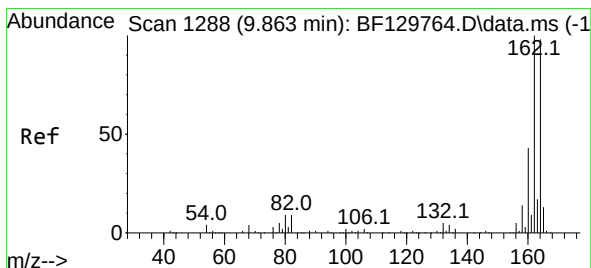
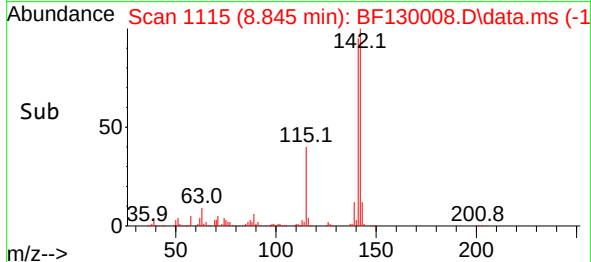
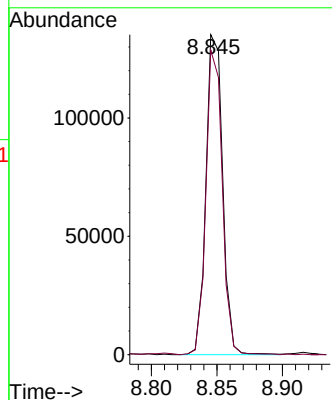
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



Tgt Ion:142 Resp: 119652
Ion Ratio Lower Upper
142 100
141 95.2 73.5 110.3

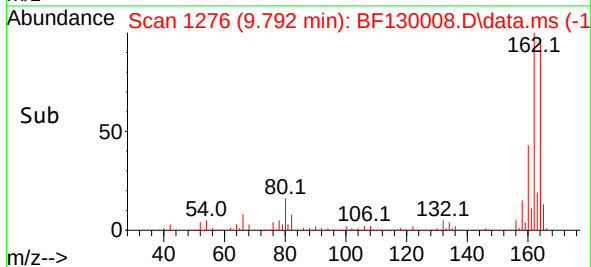
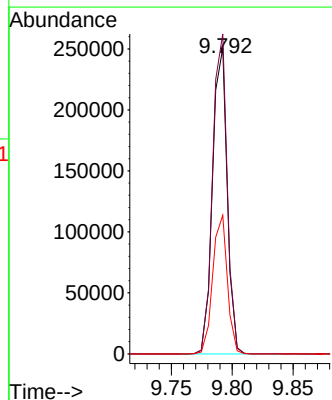
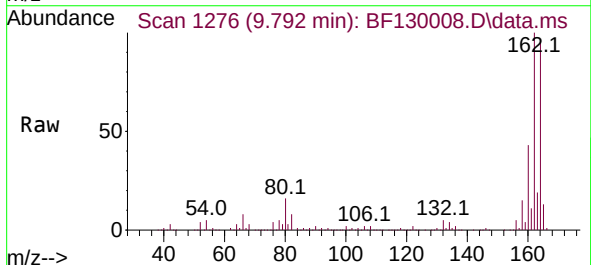
Manual Integrations
APPROVED

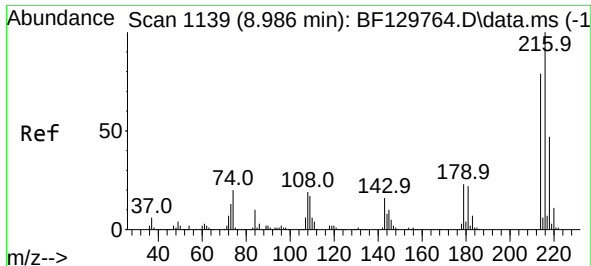
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Tgt Ion:164 Resp: 209939
Ion Ratio Lower Upper
164 100
162 104.6 82.0 123.0
160 45.3 35.4 53.0





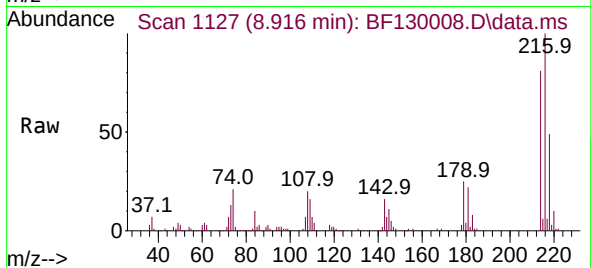
#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.070 ng
RT: 8.916 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MS

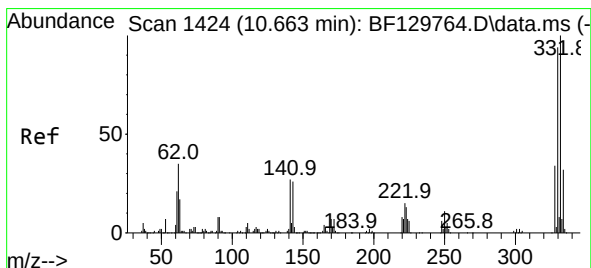
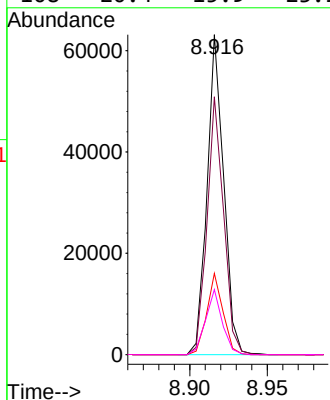
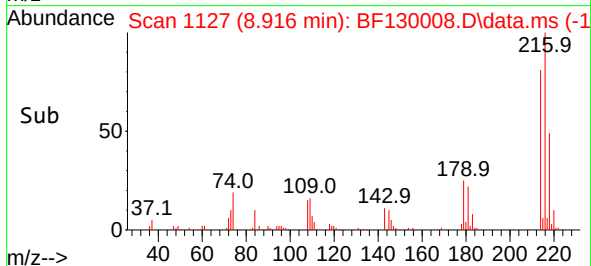


Tgt Ion:216 Resp: 47123
Ion Ratio Lower Upper
216 100
214 79.9 63.1 94.7
179 24.7 18.1 27.1
108 20.4 15.9 23.9

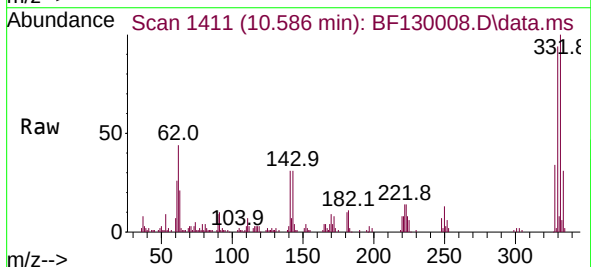
Manual Integrations

APPROVED

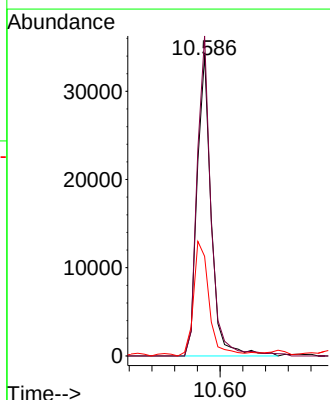
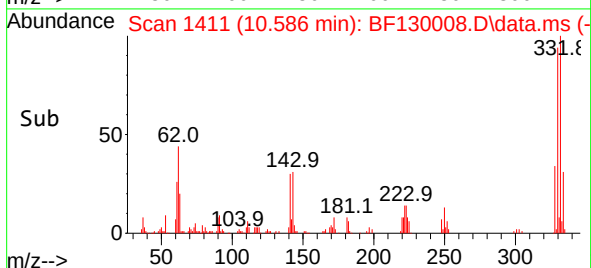
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

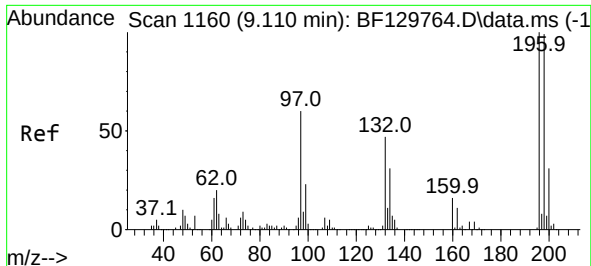


#42
2,4,6-Tribromophenol
Concen: 13.920 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01



Tgt Ion:330 Resp: 29331
Ion Ratio Lower Upper
330 100
332 105.1 82.6 124.0
141 41.9 27.6 41.4#





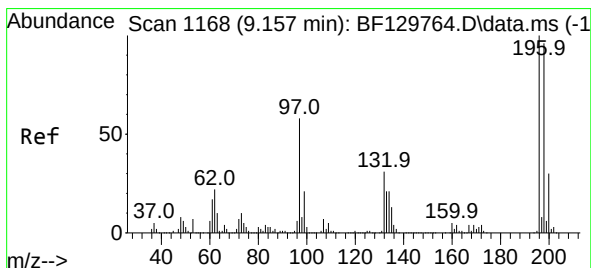
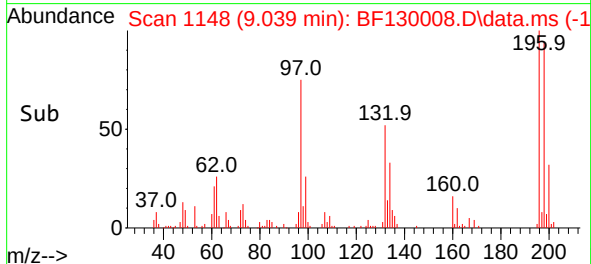
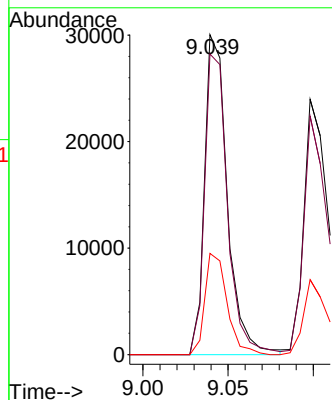
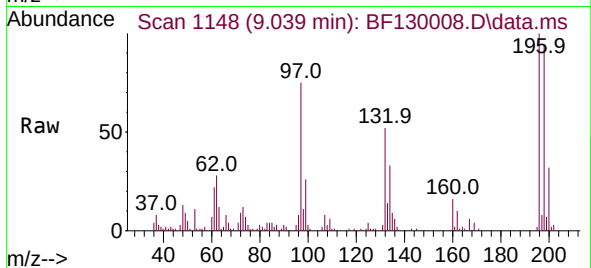
#43
2,4,6-Trichlorophenol
Concen: 7.374 ng
RT: 9.039 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS

Tgt Ion:196 Resp: 27976
Ion Ratio Lower Upper
196 100
198 93.9 79.0 118.4
200 31.6 25.1 37.7

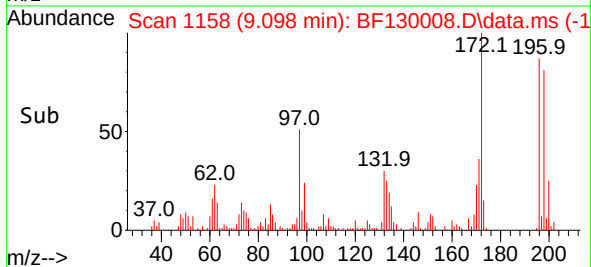
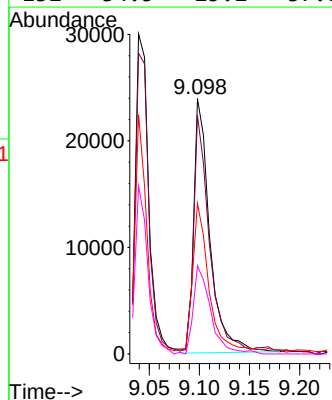
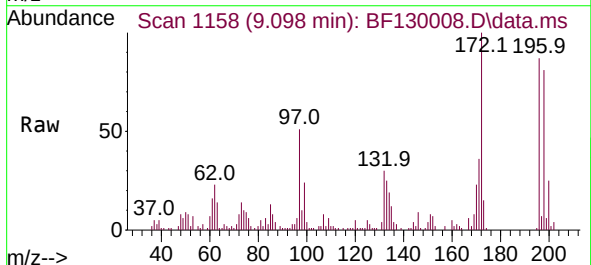
Manual Integrations
APPROVED

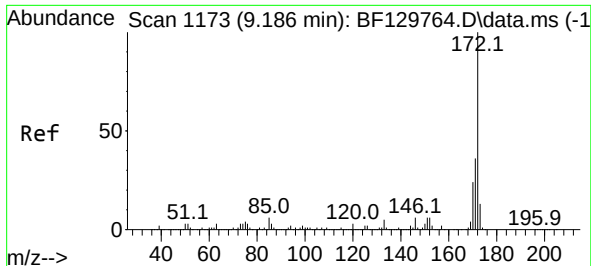
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#44
2,4,5-Trichlorophenol
Concen: 6.576 ng
RT: 9.098 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Tgt Ion:196 Resp: 26842
Ion Ratio Lower Upper
196 100
198 93.5 76.4 114.6
97 59.0 46.5 69.7
132 34.5 25.2 37.8





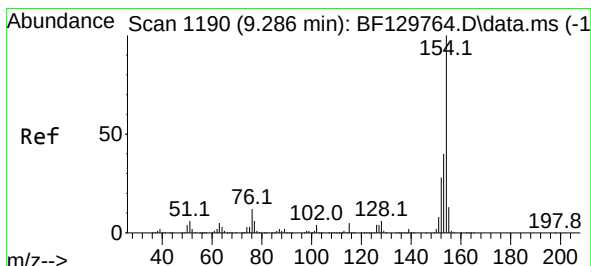
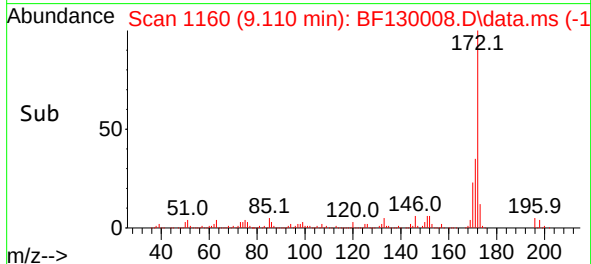
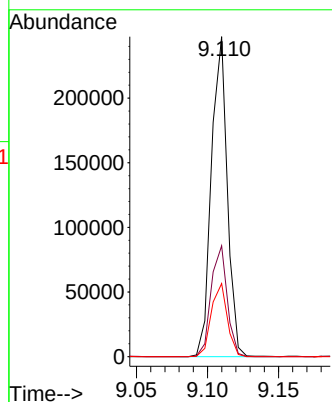
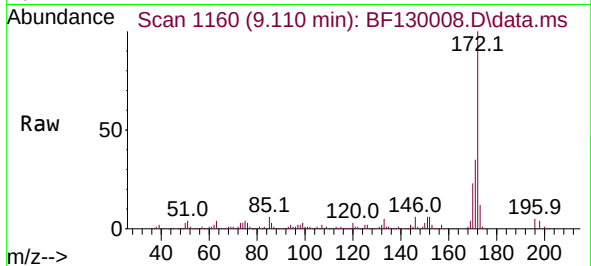
#45
2-Fluorobiphenyl
Concen: 13.899 ng
RT: 9.110 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS

Tgt Ion:172 Resp: 192124
Ion Ratio Lower Upper
172 100
171 34.6 28.4 42.6
170 22.8 19.1 28.7

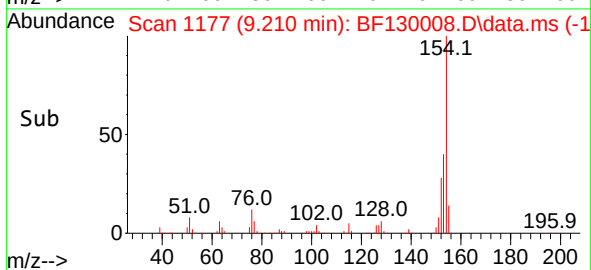
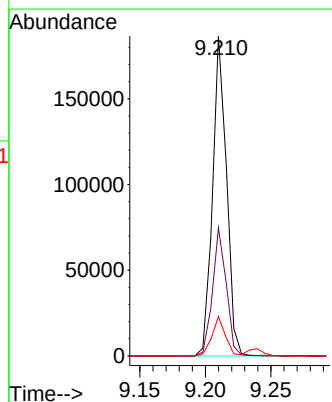
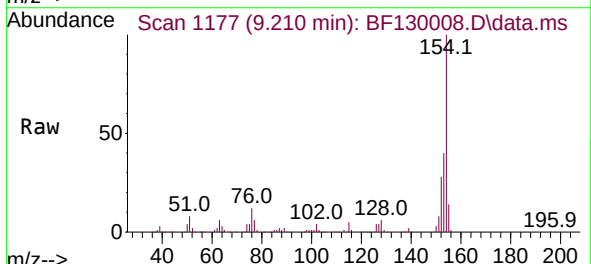
Manual Integrations
APPROVED

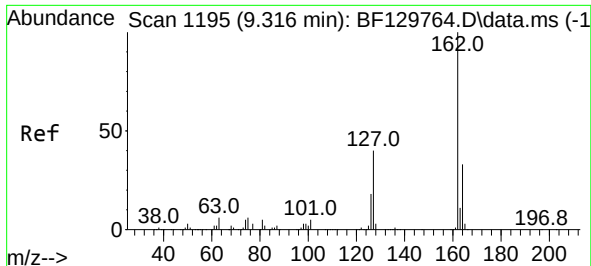
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#46
1,1'-Biphenyl
Concen: 8.657 ng
RT: 9.210 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Tgt Ion:154 Resp: 138065
Ion Ratio Lower Upper
154 100
153 40.0 20.2 60.2
76 12.3 0.0 32.1





#47

2-Chloronaphthalene

Concen: 7.904 ng

RT: 9.239 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF130008.D

Acq: 25 Aug 2022 20:01

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MS

Tgt Ion:162 Resp: 99740

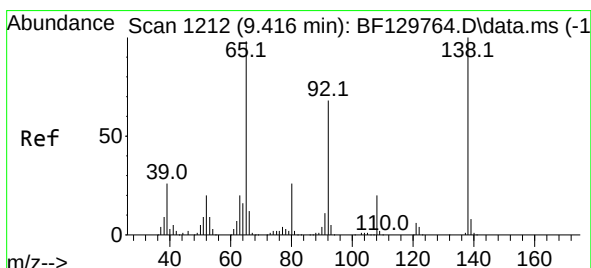
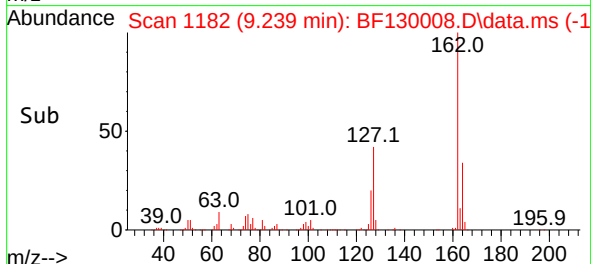
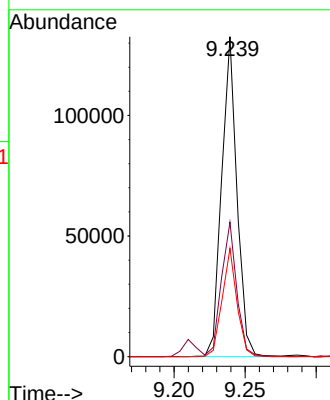
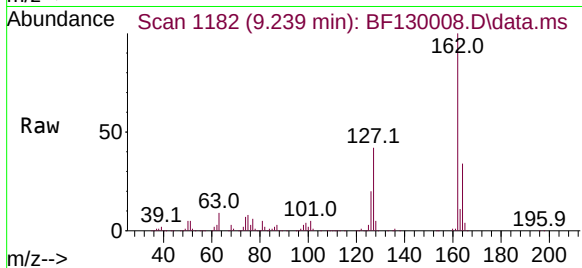
Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.1	49.7
164	33.8	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#48

2-Nitroaniline

Concen: 7.883 ng

RT: 9.351 min Scan# 1201

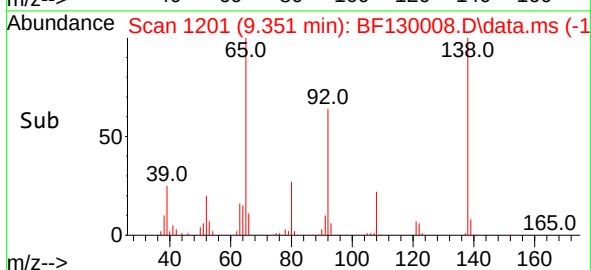
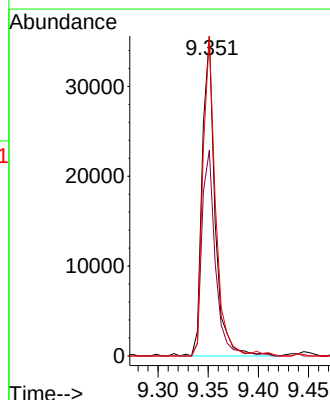
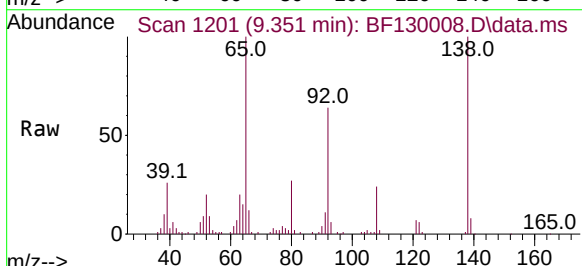
Delta R.T. -0.000 min

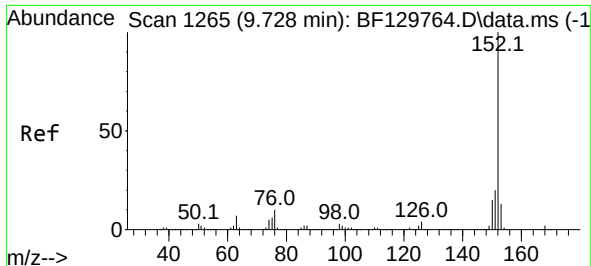
Lab File: BF130008.D

Acq: 25 Aug 2022 20:01

Tgt Ion: 65 Resp: 31439

Ion	Ratio	Lower	Upper
65	100		
92	64.3	55.0	82.4
138	100.2	81.3	121.9





#49

Acenaphthylene

Concen: 8.871 ng

RT: 9.651 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF130008.D

Acq: 25 Aug 2022 20:01

Instrument :

BNA_F

ClientSampleId :

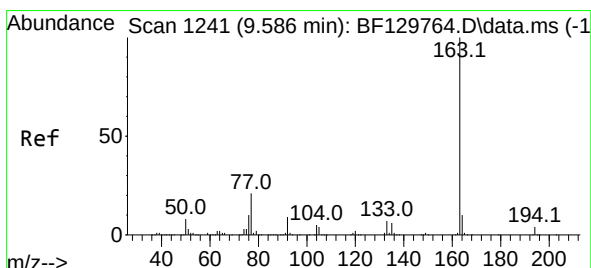
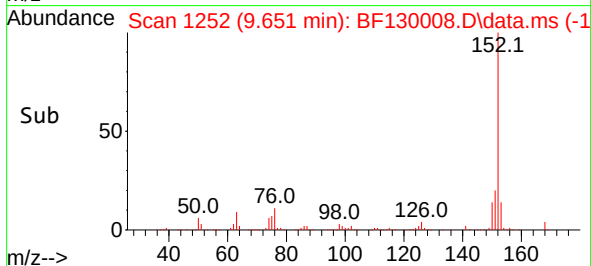
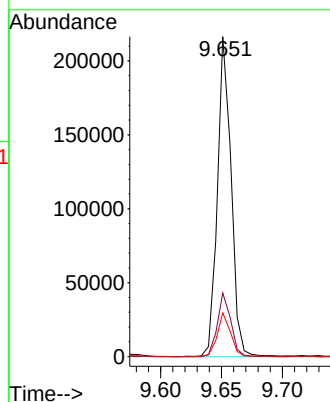
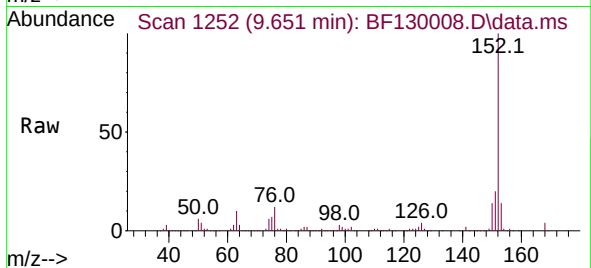
SU-03-082322MS

Tgt Ion:	152	Resp:	16975
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.1	24.1
153	13.7	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#50

Dimethylphthalate

Concen: 7.979 ng

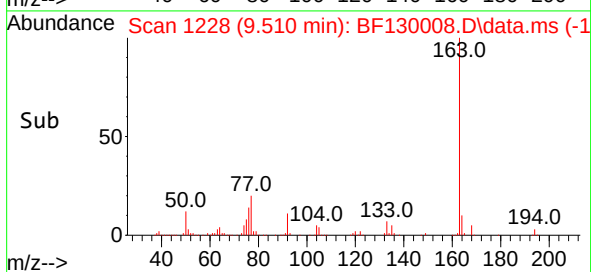
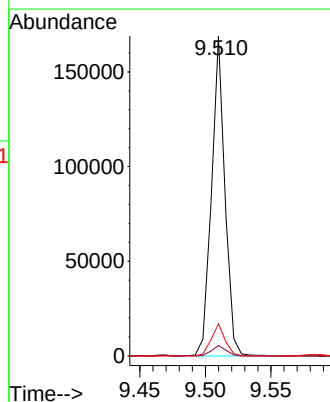
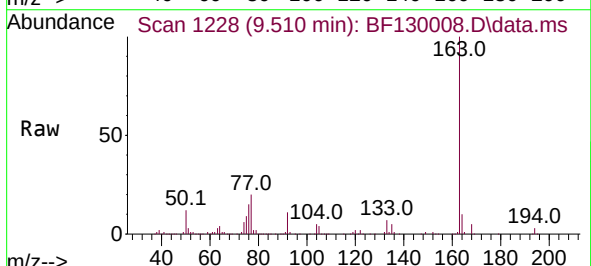
RT: 9.510 min Scan# 1228

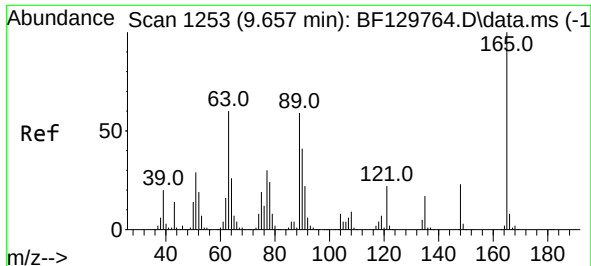
Delta R.T. -0.012 min

Lab File: BF130008.D

Acq: 25 Aug 2022 20:01

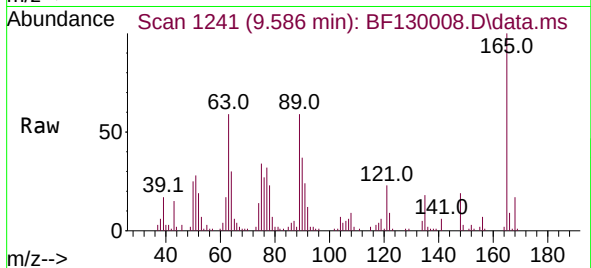
Tgt Ion:	163	Resp:	120087
Ion Ratio	Lower	Upper	
163	100		
194	3.2	3.3	4.9
164	10.1	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 6.853 ng
RT: 9.586 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

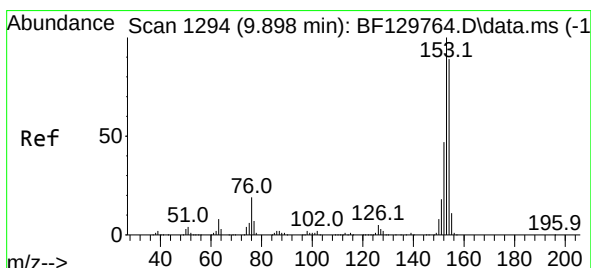
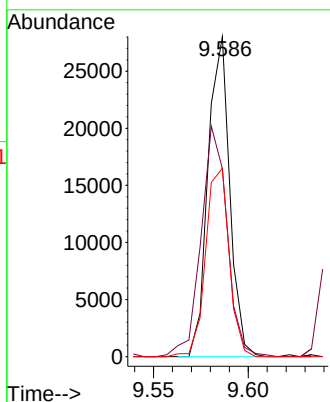
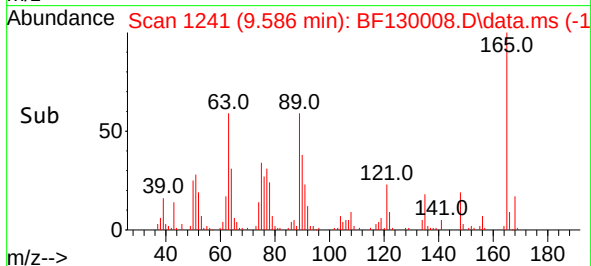
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



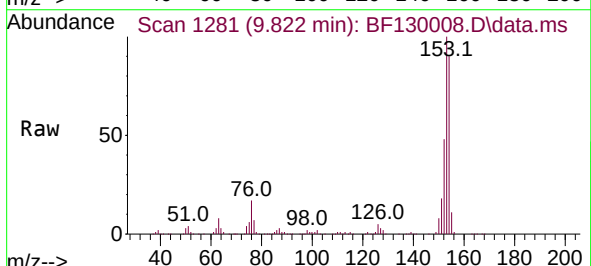
Tgt Ion:165 Resp: 22373
Ion Ratio Lower Upper
165 100
63 58.7 47.8 71.8
89 58.8 47.2 70.8

Manual Integrations
APPROVED

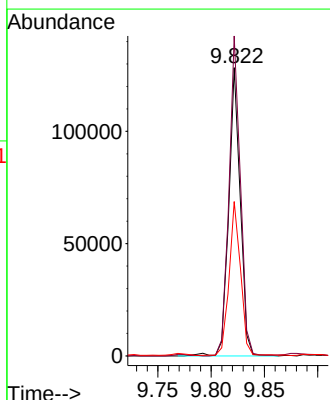
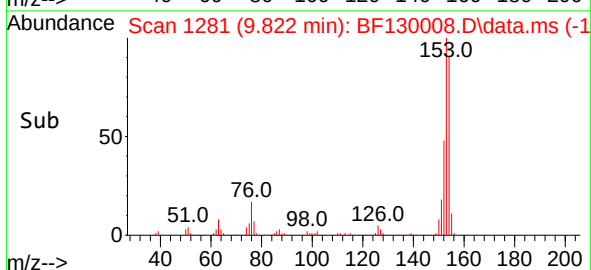
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

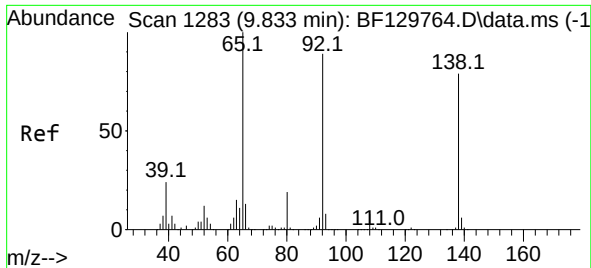


#52
Acenaphthene
Concen: 8.311 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01



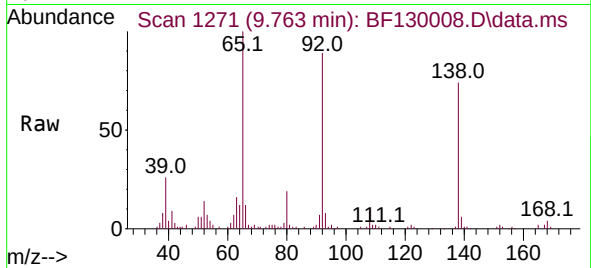
Tgt Ion:154 Resp: 96495
Ion Ratio Lower Upper
154 100
153 111.0 89.8 134.6
152 53.5 42.1 63.1





#53
3-Nitroaniline
Concen: 6.207 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

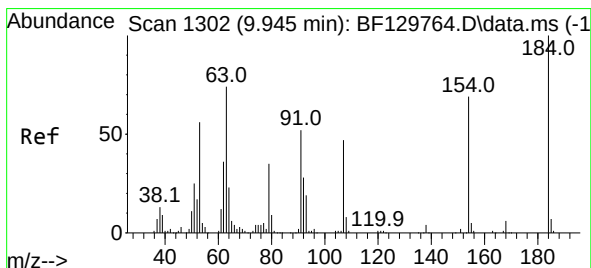
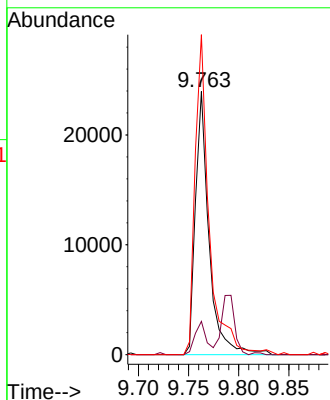
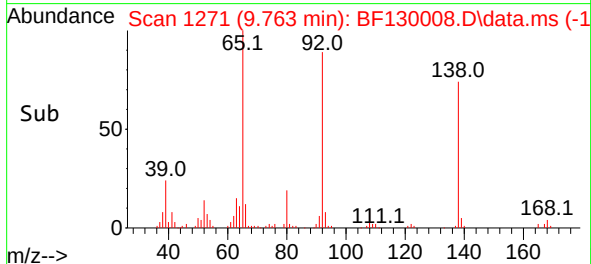
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



Tgt Ion:138 Resp: 22409
Ion Ratio Lower Upper
138 100
108 12.6 8.4 12.6
92 121.6 89.8 134.8

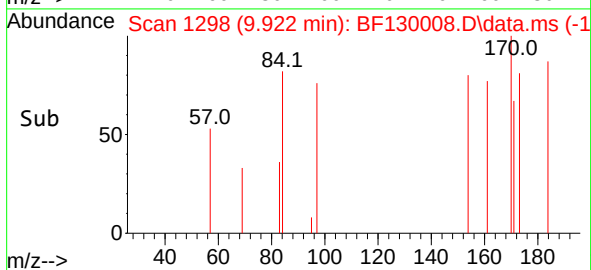
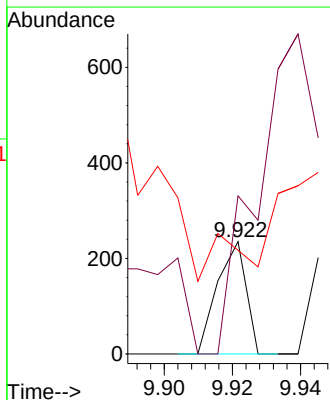
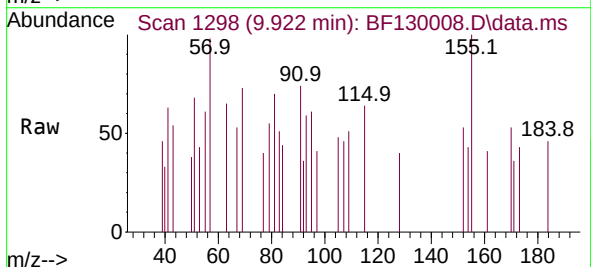
Manual Integrations
APPROVED

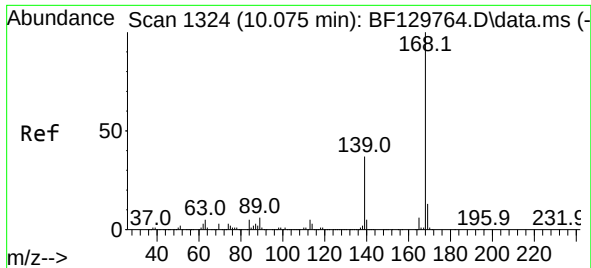
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#54
2,4-Dinitrophenol
Concen: 5.558 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.035 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

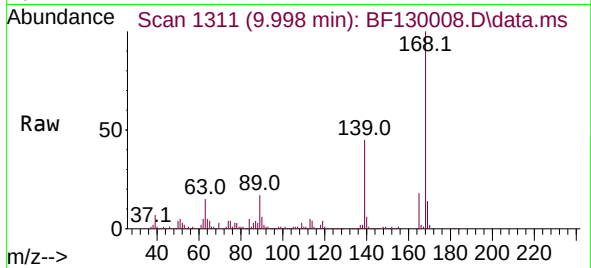
Tgt Ion:184 Resp: 137
Ion Ratio Lower Upper
184 100
63 140.9 59.6 89.4#
154 92.3 55.3 82.9#





#55
Dibenzenofuran
Concen: 7.973 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

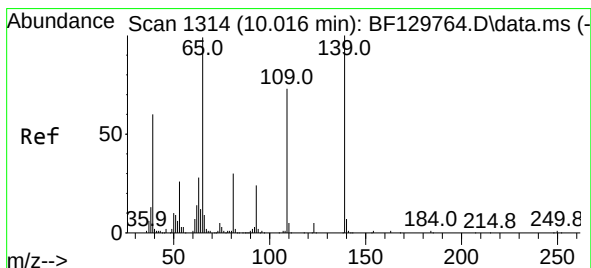
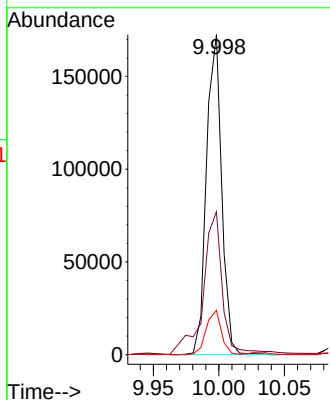
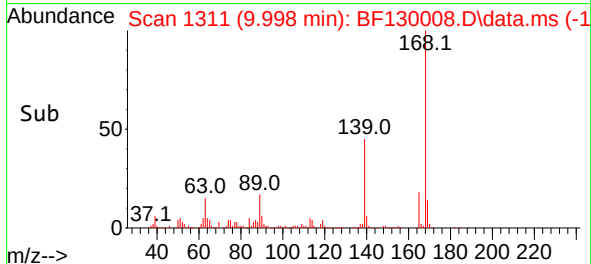
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



Tgt Ion:168 Resp: 139064
Ion Ratio Lower Upper
168 100
139 44.6 31.3 46.9
169 13.8 10.7 16.1

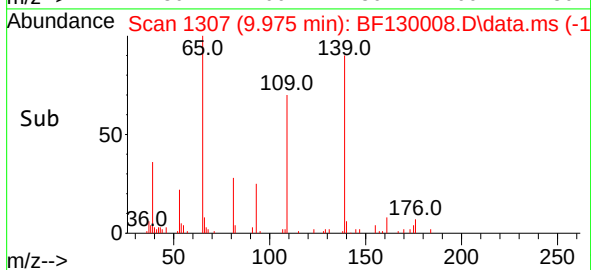
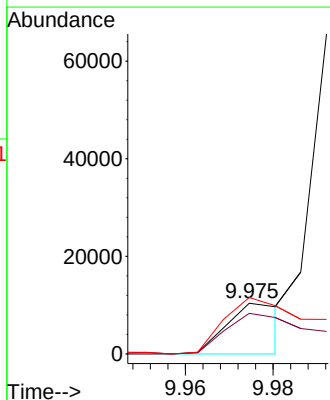
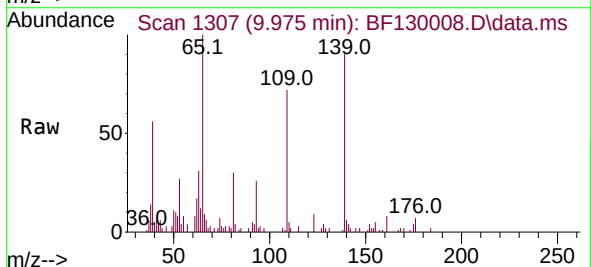
Manual Integrations
APPROVED

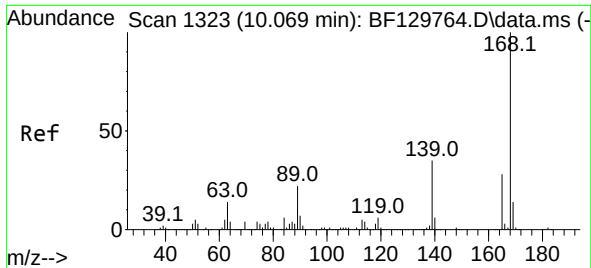
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#56
4-Nitrophenol
Concen: 5.643 ng m
RT: 9.975 min Scan# 1307
Delta R.T. 0.018 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

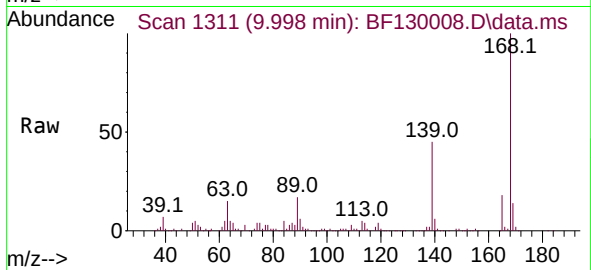
Tgt Ion:139 Resp: 9063
Ion Ratio Lower Upper
139 100
109 80.2 52.9 92.9
65 111.5 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 6.371 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

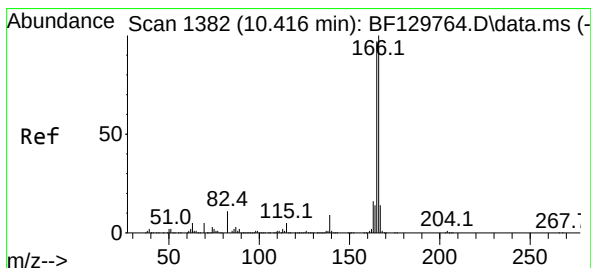
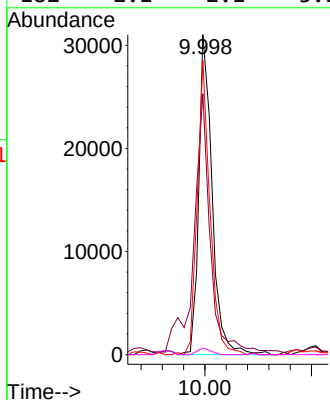
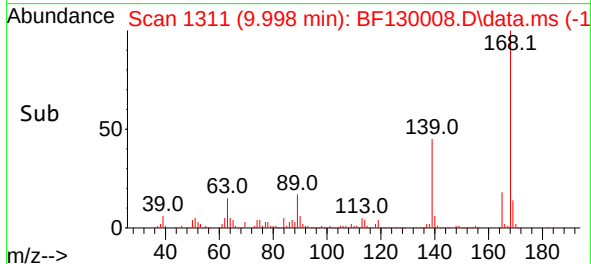
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



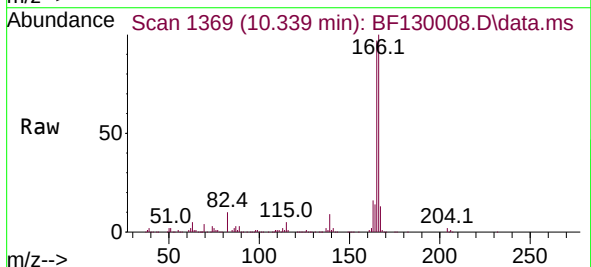
Tgt Ion:165 Resp: 26999
Ion Ratio Lower Upper
165 100
63 81.5 48.4 72.6
89 91.9 62.3 93.5
182 2.1 2.1 3.1

Manual Integrations
APPROVED

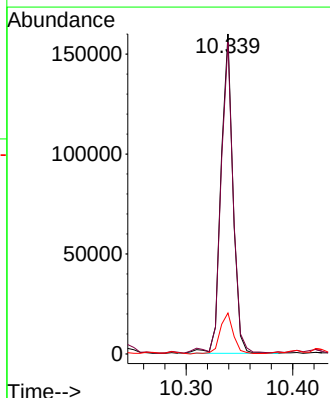
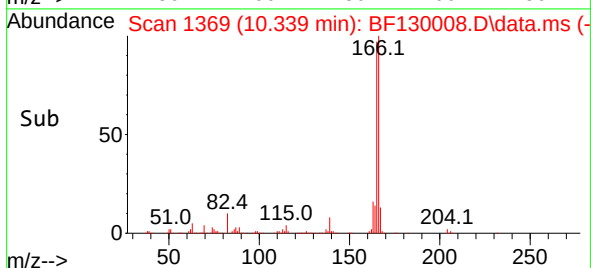
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

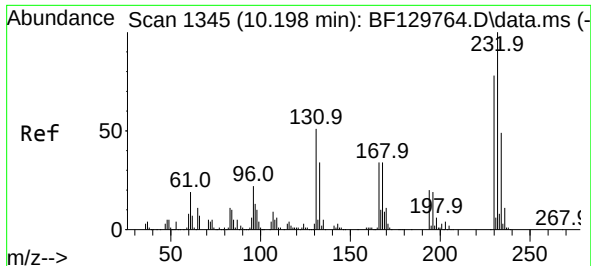


#58
Fluorene
Concen: 8.547 ng
RT: 10.339 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01



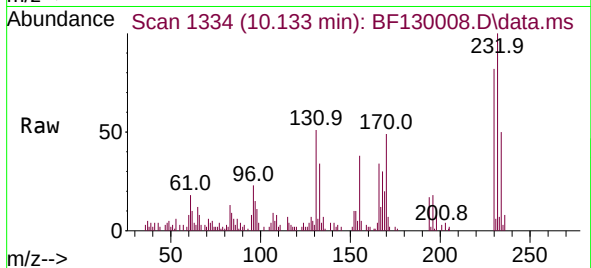
Tgt Ion:166 Resp: 124470
Ion Ratio Lower Upper
166 100
165 97.4 77.9 116.9
167 12.8 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 5.555 ng
RT: 10.133 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

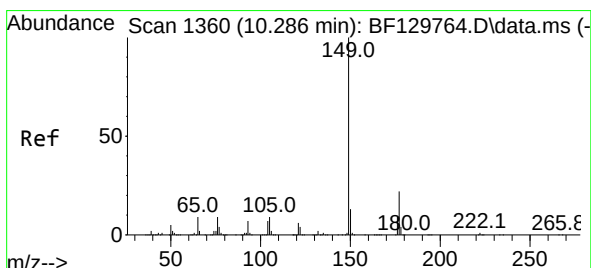
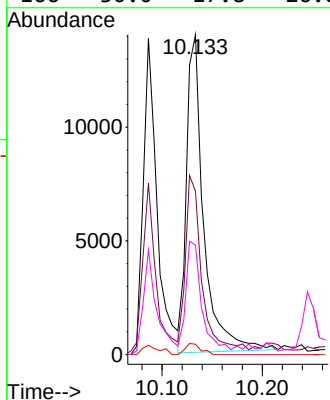
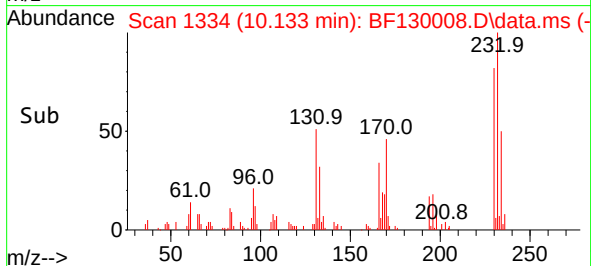
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



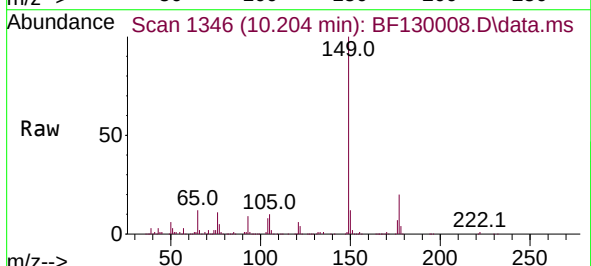
Tgt Ion:232 Resp: 16639
Ion Ratio Lower Upper
232 100
131 53.0 29.9 44.9
130 3.2 1.5 2.3
166 30.0 17.8 26.8

Manual Integrations
APPROVED

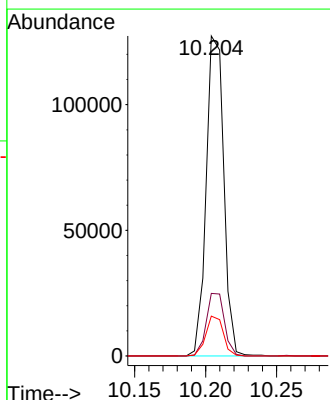
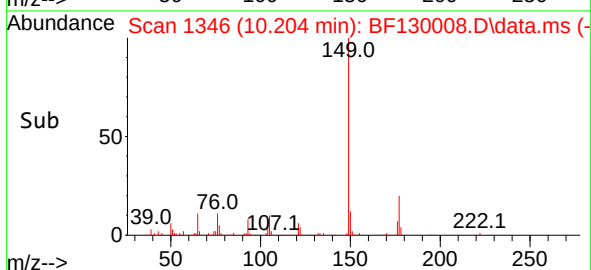
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

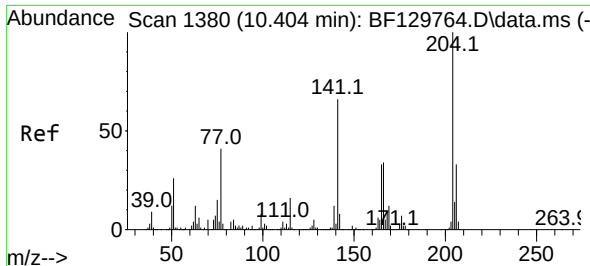


#60
Diethylphthalate
Concen: 7.303 ng
RT: 10.204 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01



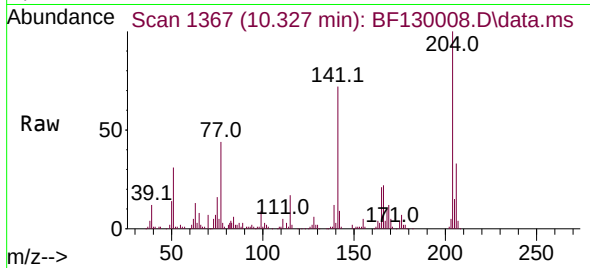
Tgt Ion:149 Resp: 109597
Ion Ratio Lower Upper
149 100
177 19.5 17.7 26.5
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 6.835 ng
RT: 10.327 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

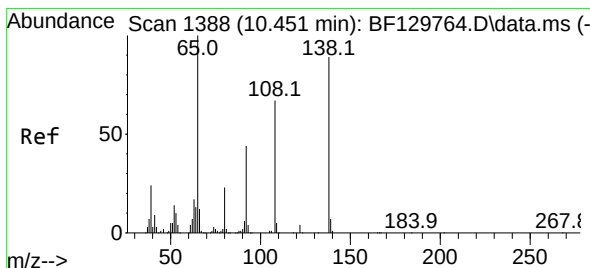
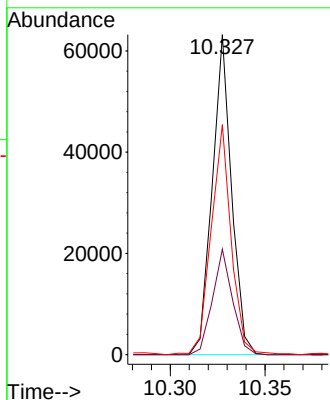
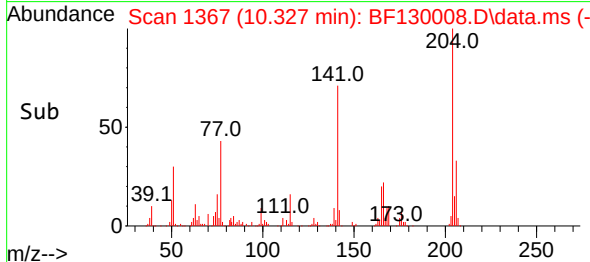
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



Tgt Ion:204 Resp: 4467
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 71.9 52.6 79.0

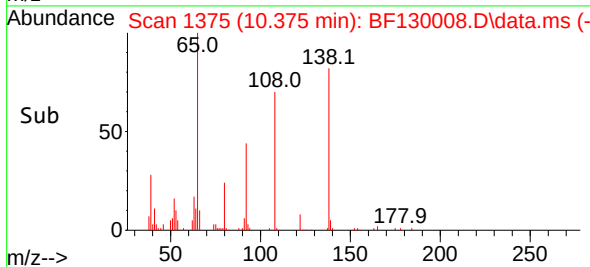
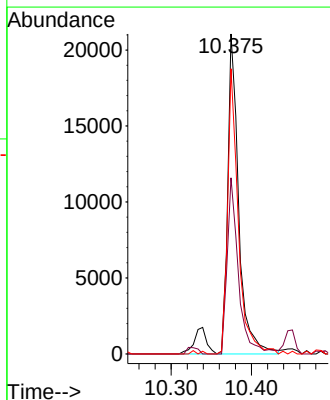
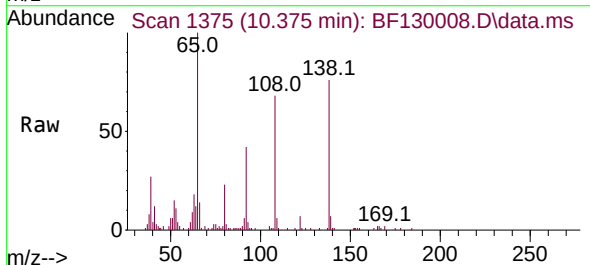
Manual Integrations
APPROVED

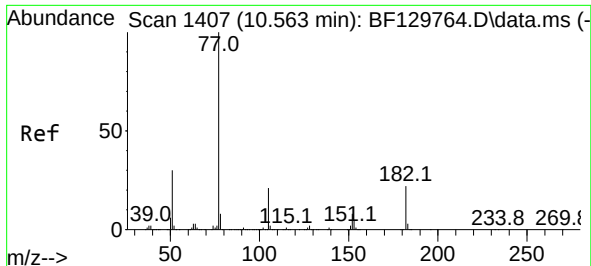
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#62
4-Nitroaniline
Concen: 5.983 ng m
RT: 10.375 min Scan# 1375
Delta R.T. -0.012 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Tgt Ion:138 Resp: 21793
Ion Ratio Lower Upper
138 100
92 55.0 30.3 70.3
108 89.1 55.7 95.7





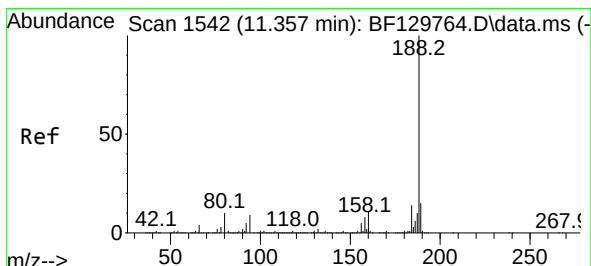
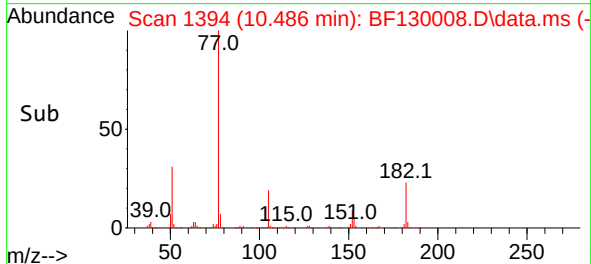
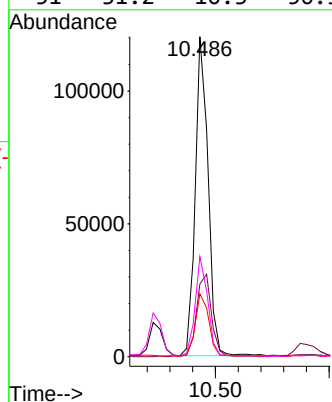
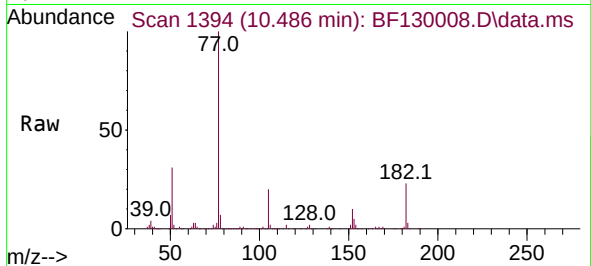
#63
Azobenzene
Concen: 6.570 ng
RT: 10.486 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS

Tgt Ion: 77 Resp: 94232
Ion Ratio Lower Upper
77 100
182 22.7 2.2 42.2
105 19.6 0.8 40.8
51 31.2 10.3 50.3

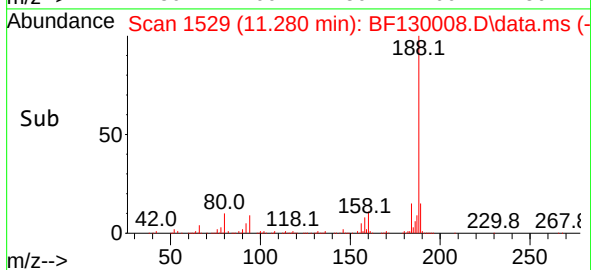
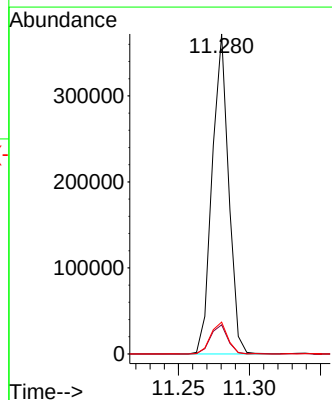
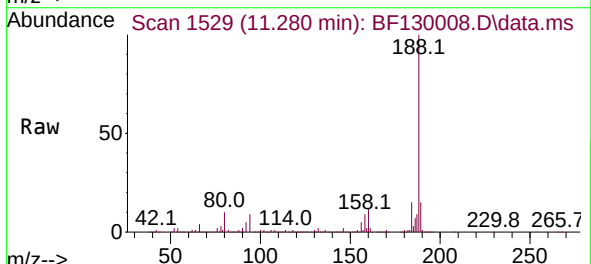
Manual Integrations
APPROVED

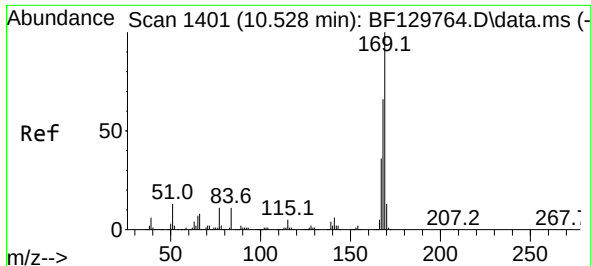
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

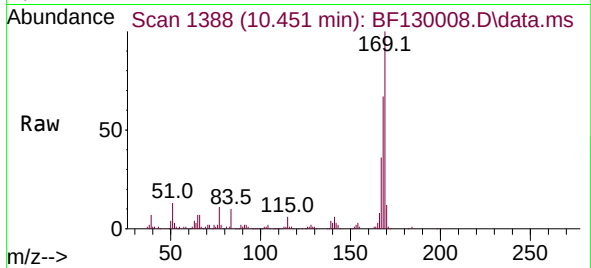
Tgt Ion:188 Resp: 300356
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.9 7.9 11.9





#66
n-Nitrosodiphenylamine
Concen: 8.283 ng
RT: 10.451 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

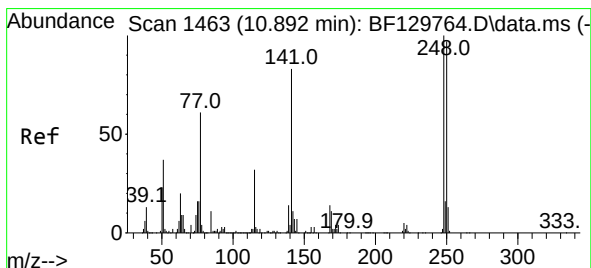
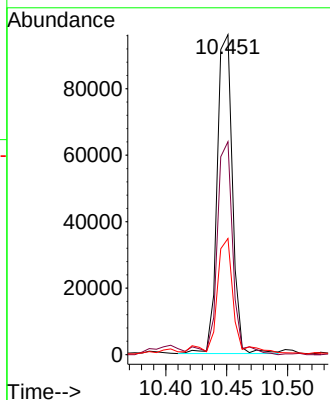
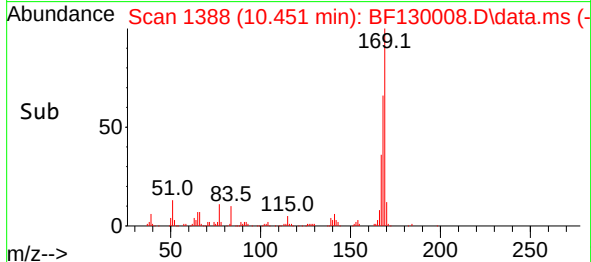
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



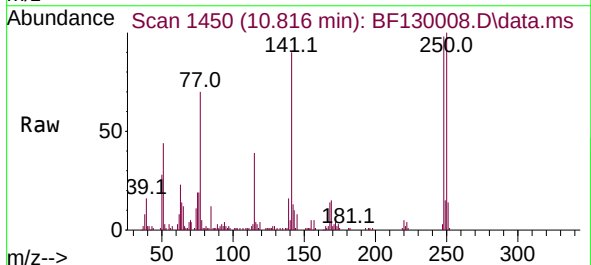
Tgt Ion:169 Resp: 83976
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.3 29.1 43.7

Manual Integrations
APPROVED

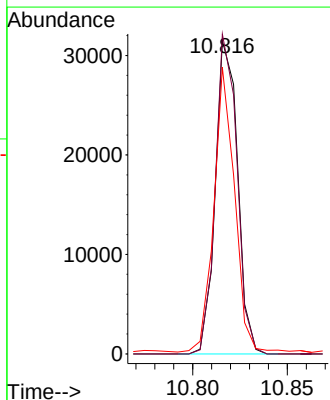
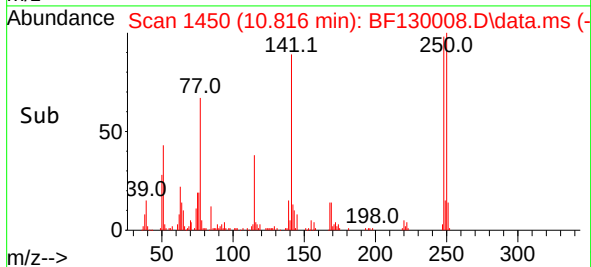
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

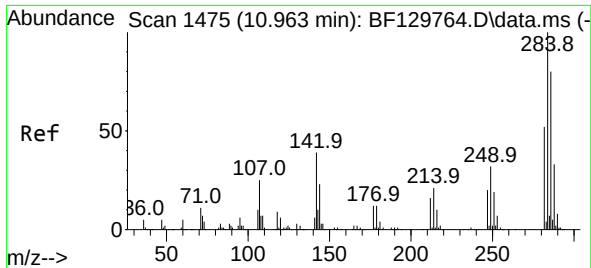


#67
4-Bromophenyl-phenylether
Concen: 7.312 ng
RT: 10.816 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01



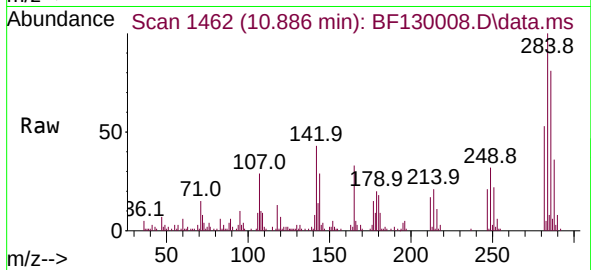
Tgt Ion:248 Resp: 25723
Ion Ratio Lower Upper
248 100
250 102.2 77.8 116.6
141 91.5 66.2 99.2





#68
Hexachlorobenzene
Concen: 6.708 ng
RT: 10.886 min Scan# 1475
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

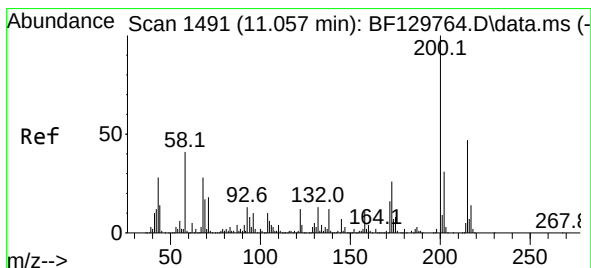
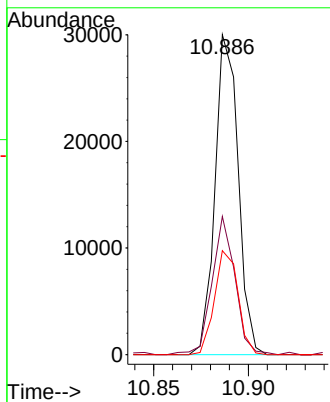
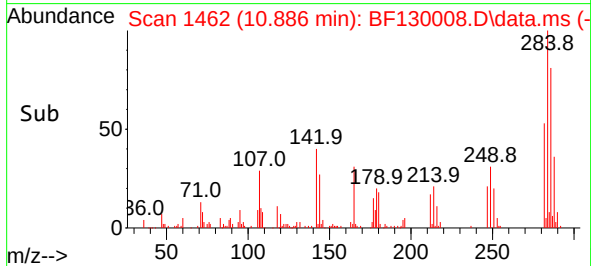
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



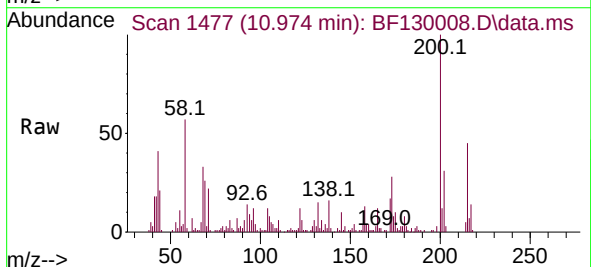
Tgt Ion:284 Resp: 25564
Ion Ratio Lower Upper
284 100
142 43.2 31.4 47.0
249 32.5 25.7 38.5

Manual Integrations
APPROVED

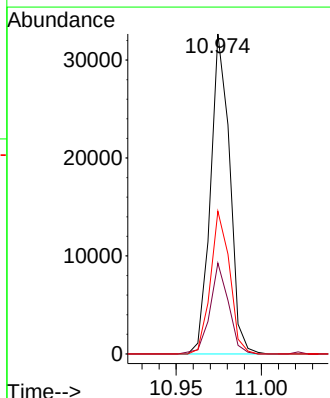
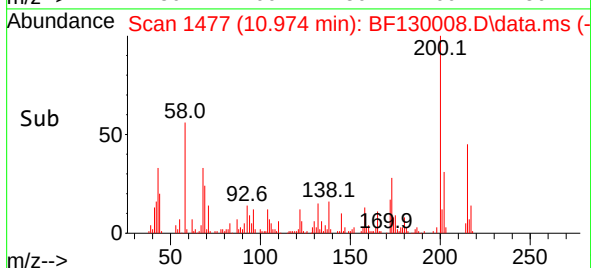
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

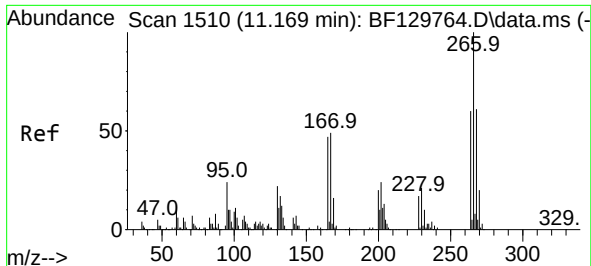


#69
Atrazine
Concen: 8.206 ng
RT: 10.974 min Scan# 1477
Delta R.T. -0.012 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01



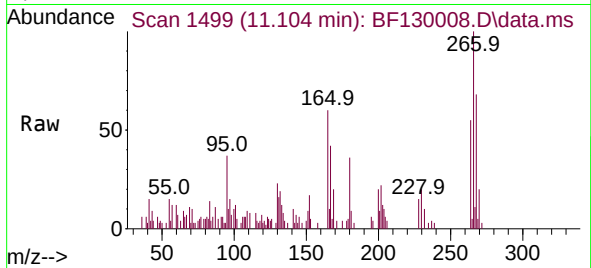
Tgt Ion:200 Resp: 25534
Ion Ratio Lower Upper
200 100
173 28.4 6.4 46.4
215 44.6 27.1 67.1





#70
Pentachlorophenol
Concen: 14.805 ng m
RT: 11.104 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

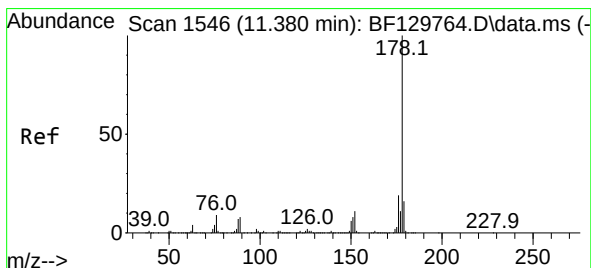
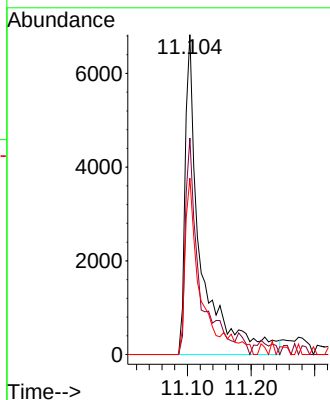
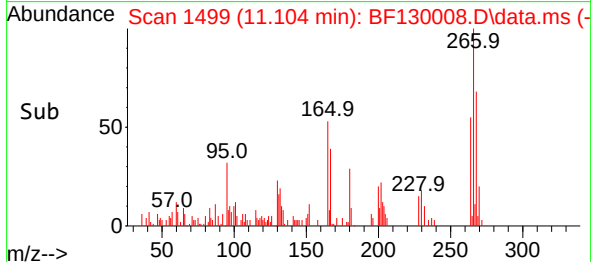
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



Tgt Ion:266 Resp: 11754
Ion Ratio Lower Upper
266 100
268 67.7 49.0 73.4
264 55.1 47.9 71.9

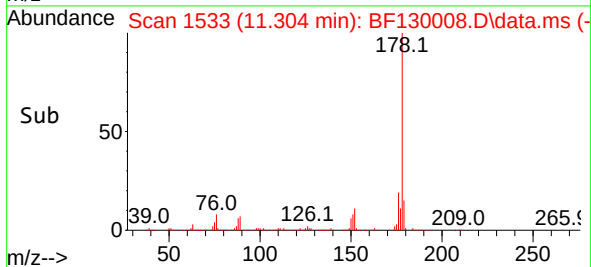
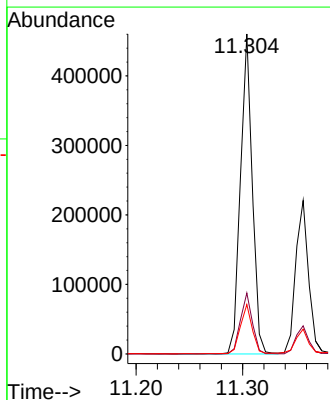
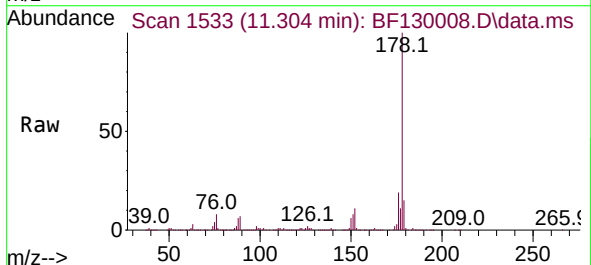
Manual Integrations
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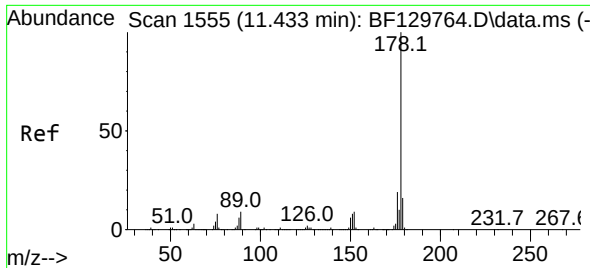
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#71
Phenanthrene
Concen: 21.036 ng
RT: 11.304 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Tgt Ion:178 Resp: 352882
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.4 12.5 18.7





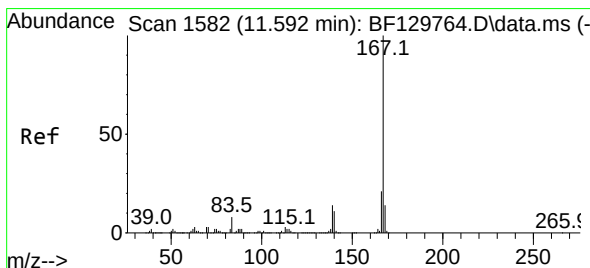
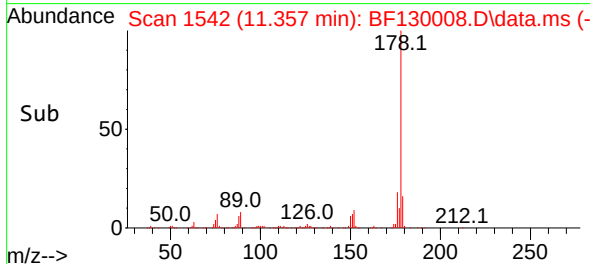
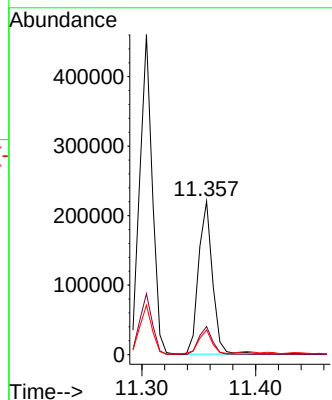
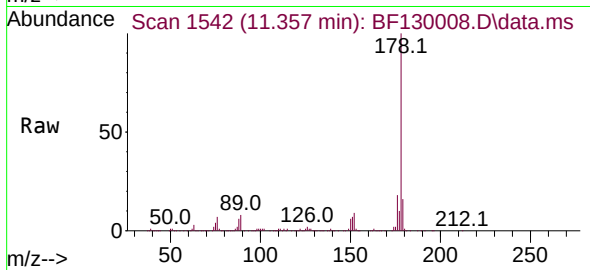
#72
 Anthracene
 Concen: 11.209 ng
 RT: 11.357 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130008.D
 Acq: 25 Aug 2022 20:01

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082322MS

Tgt Ion:178 Resp: 186978
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.1 22.7
 179 16.1 12.6 18.8

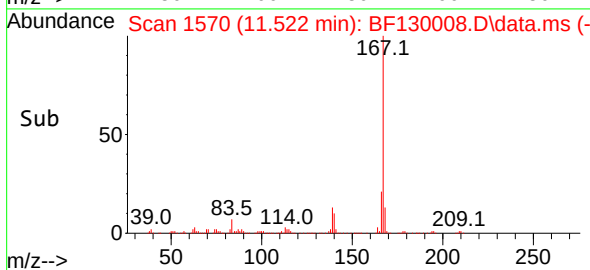
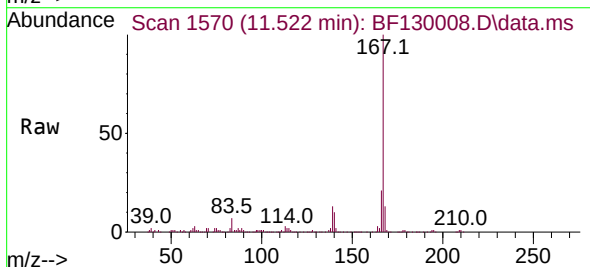
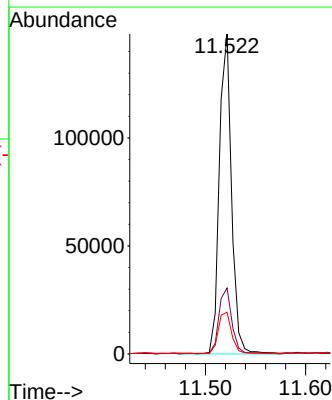
Manual Integrations
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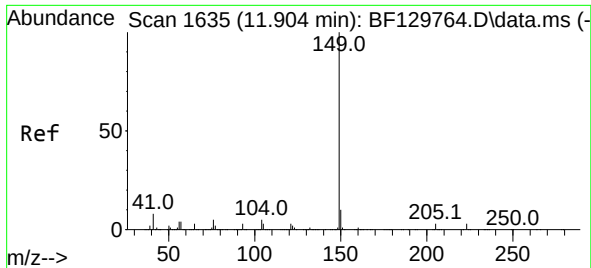
Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022



#73
 Carbazole
 Concen: 8.259 ng
 RT: 11.522 min Scan# 1570
 Delta R.T. -0.000 min
 Lab File: BF130008.D
 Acq: 25 Aug 2022 20:01

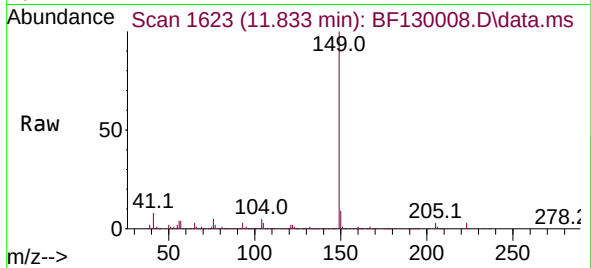
Tgt Ion:167 Resp: 125062
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.1 25.7
 139 13.0 11.0 16.6





#74
Di-n-butylphthalate
Concen: 7.491 ng
RT: 11.833 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

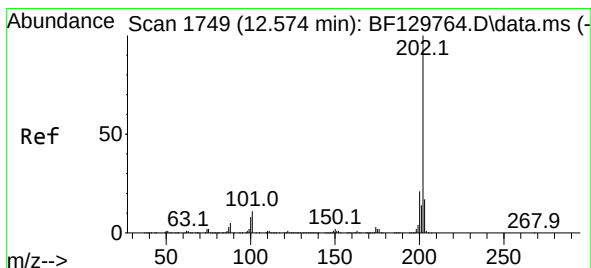
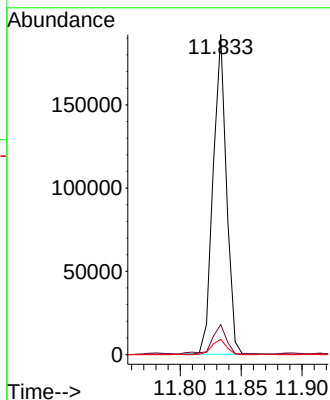
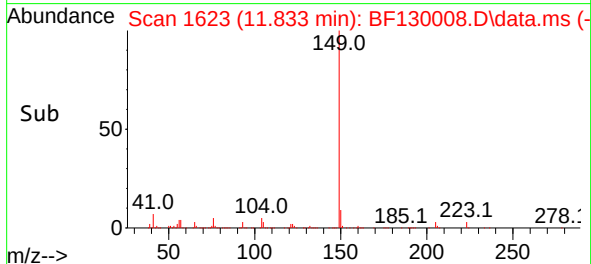
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



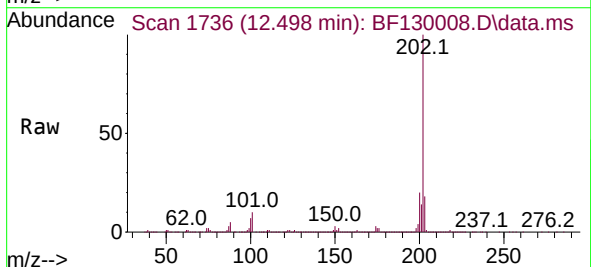
Tgt Ion:149 Resp: 145999
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.8 4.2 6.4

Manual Integrations
APPROVED

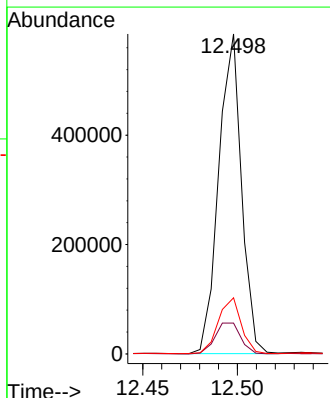
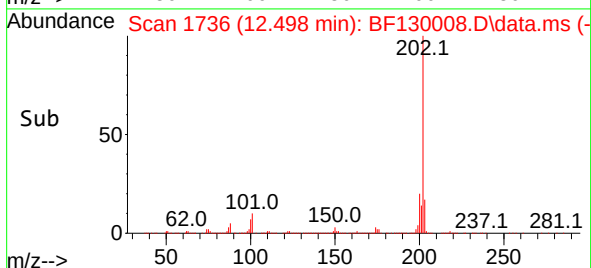
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

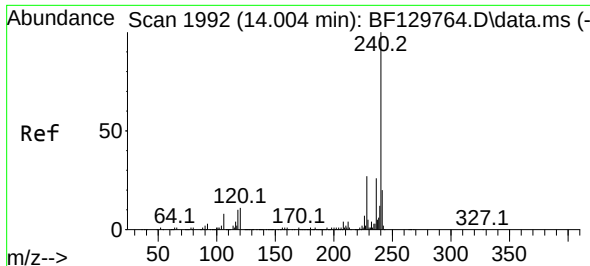


#75
Fluoranthene
Concen: 28.436 ng
RT: 12.498 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01



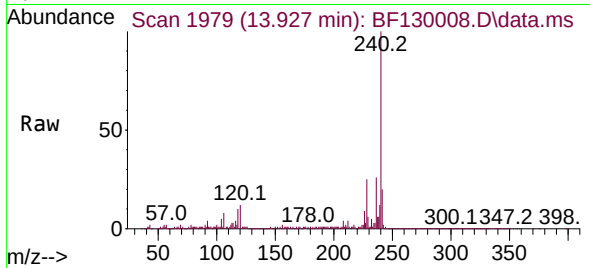
Tgt Ion:202 Resp: 488119
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.7
203 17.5 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

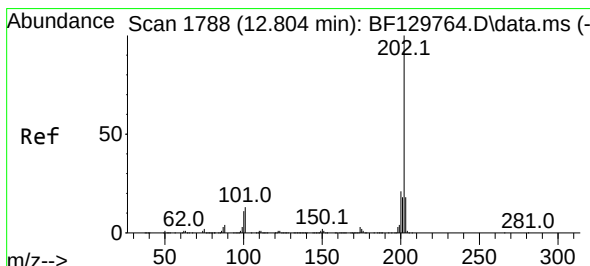
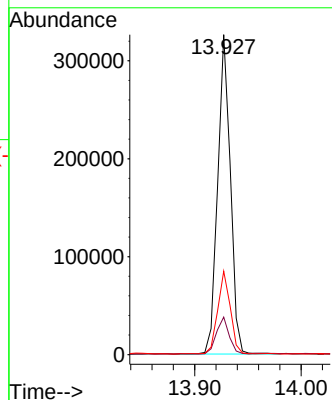
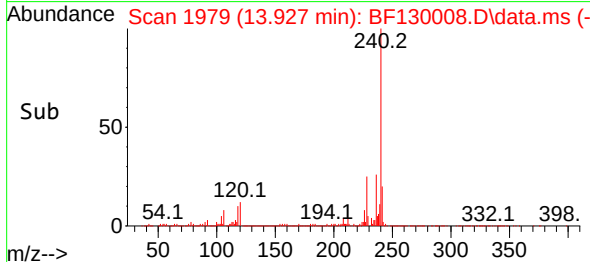
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



Tgt Ion:240 Resp: 269513
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 26.1 20.7 31.1

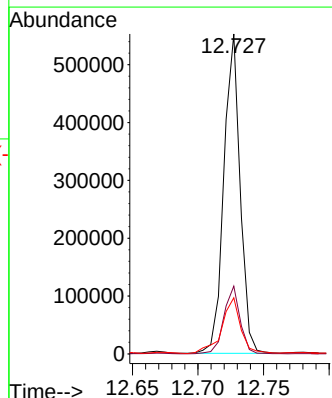
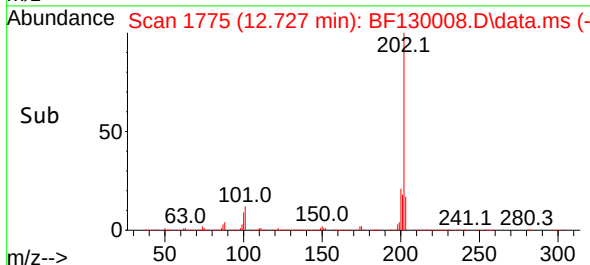
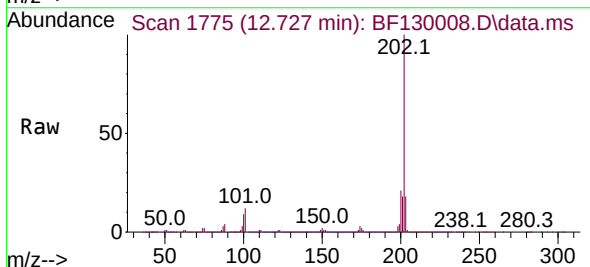
Manual Integrations
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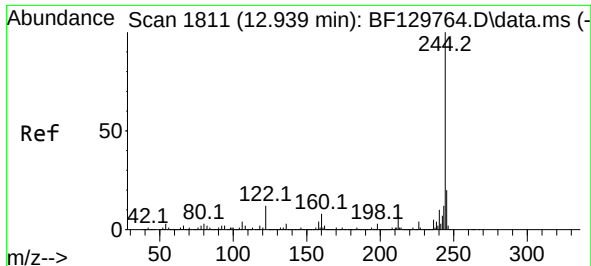
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#78
Pyrene
Concen: 20.438 ng
RT: 12.727 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

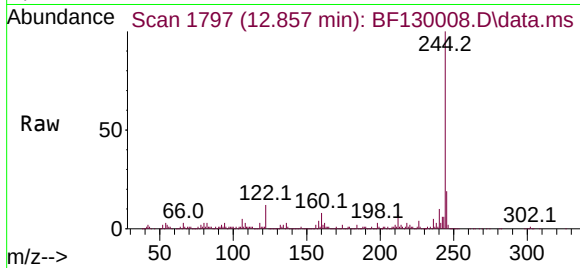
Tgt Ion:202 Resp: 478674
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.5 14.1 21.1





#79
Terphenyl-d14
Concen: 10.076 ng
RT: 12.857 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

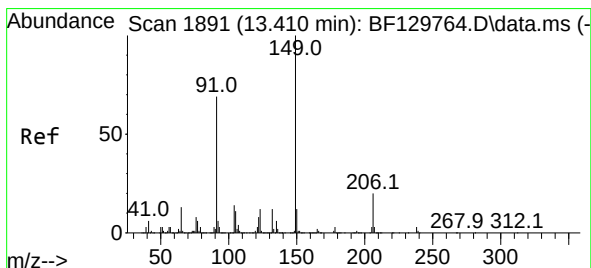
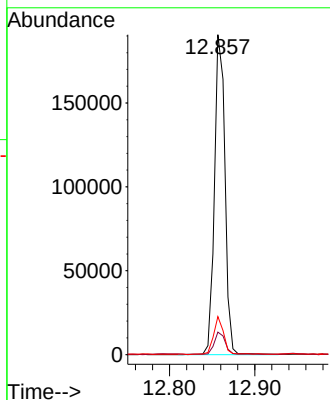
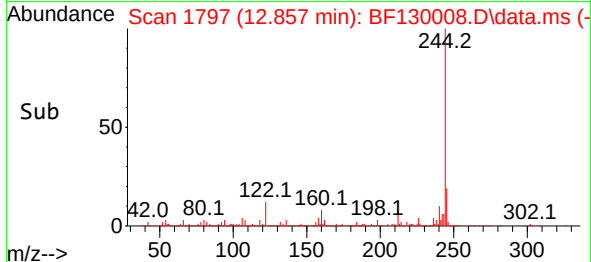
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



Tgt Ion:244 Resp: 163208
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 11.9 9.9 14.9

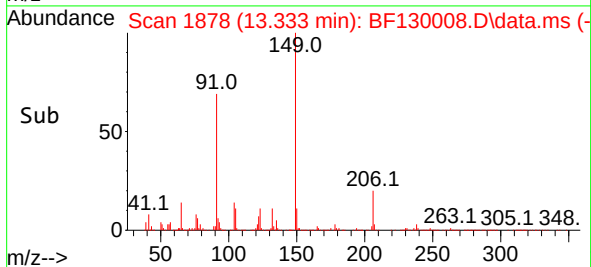
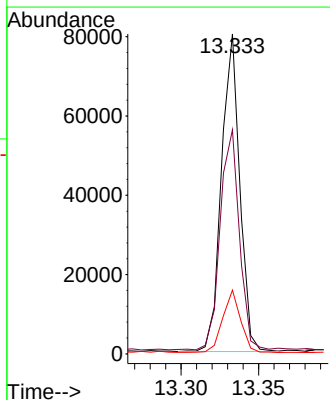
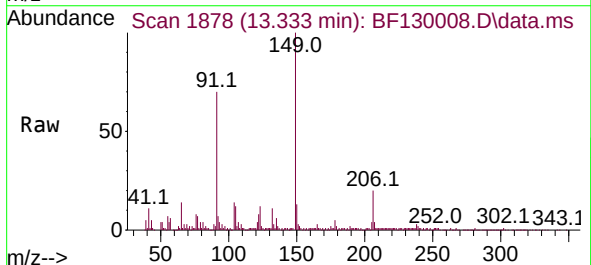
Manual Integrations
APPROVED

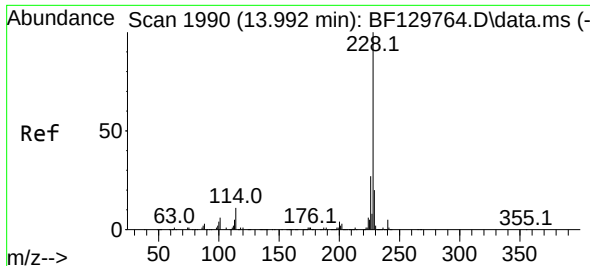
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#80
Butylbenzylphthalate
Concen: 6.674 ng
RT: 13.333 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

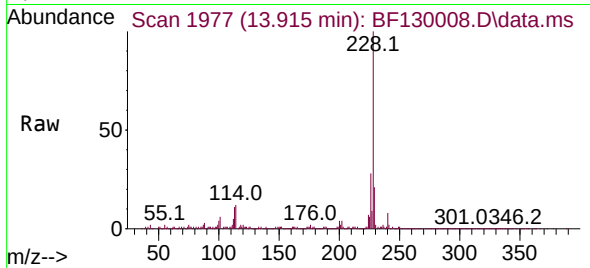
Tgt Ion:149 Resp: 66142
Ion Ratio Lower Upper
149 100
91 70.0 55.4 83.0
206 19.9 15.8 23.6





#81
Benzo(a)anthracene
Concen: 17.491 ng
RT: 13.915 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

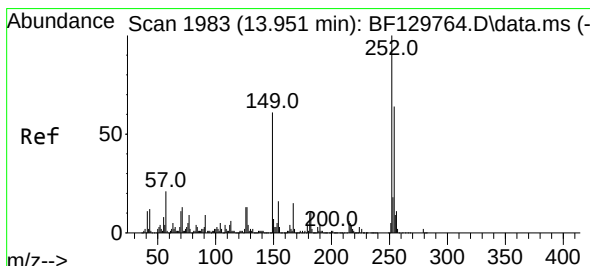
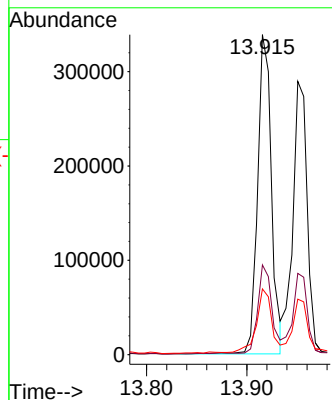
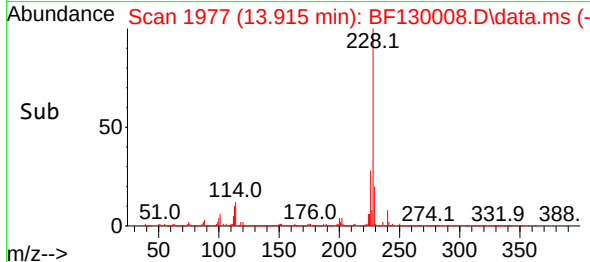
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



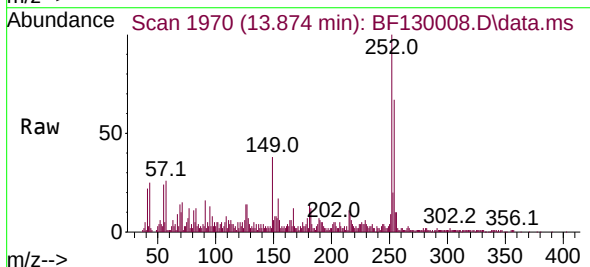
Tgt Ion:228 Resp: 324281
Ion Ratio Lower Upper
228 100
226 28.0 21.4 32.0
229 20.5 16.1 24.1

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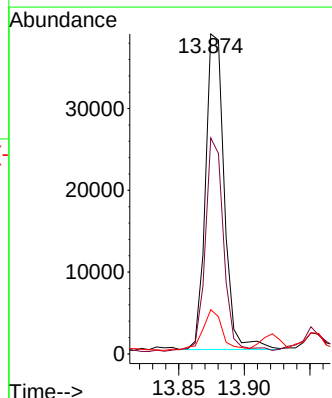
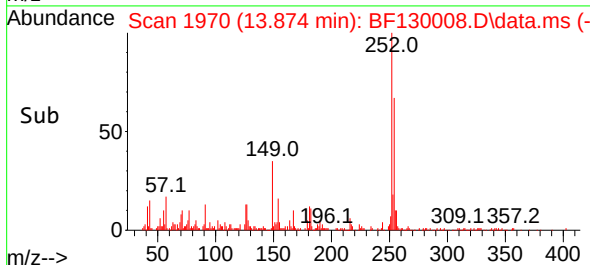
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

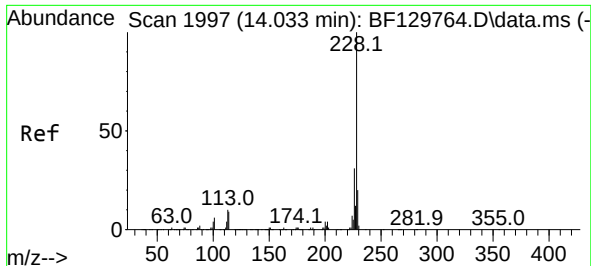


#82
3,3'-Dichlorobenzidine
Concen: 6.698 ng
RT: 13.874 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01



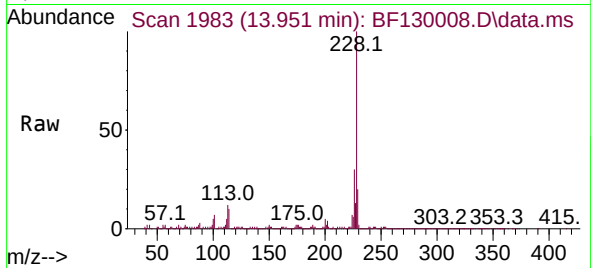
Tgt Ion:252 Resp: 38458
Ion Ratio Lower Upper
252 100
254 67.5 51.4 77.2
126 13.8 10.2 15.4





#83
Chrysene
Concen: 16.460 ng
RT: 13.951 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

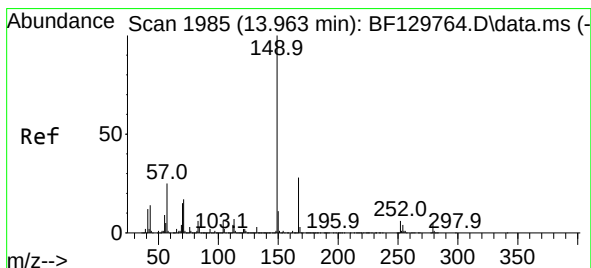
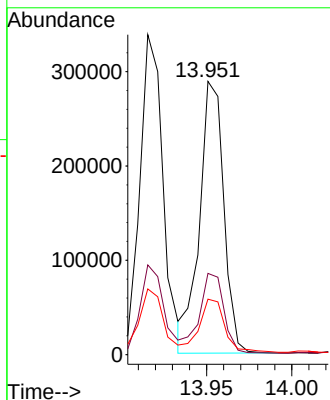
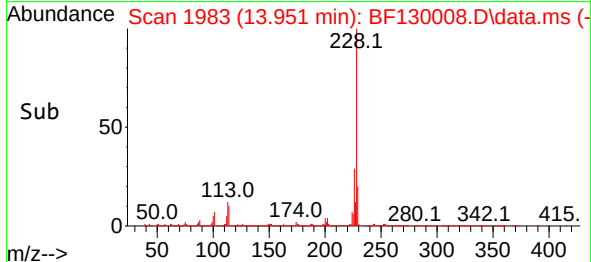
Instrument :
BNA_F
ClientSampleId :
SU-03-082322MS



Tgt Ion:228 Resp: 285663
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 20.3 15.9 23.9

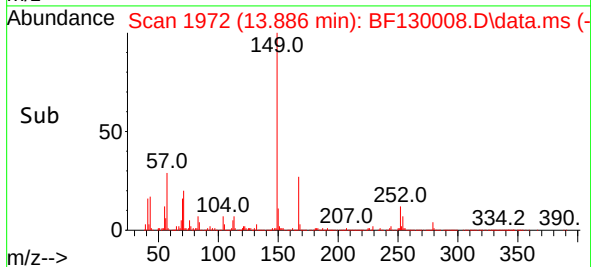
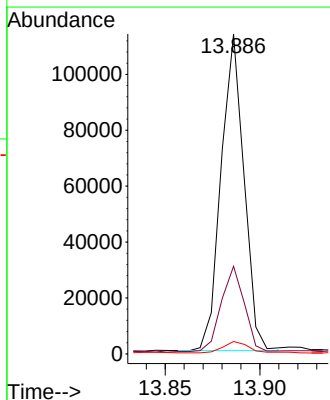
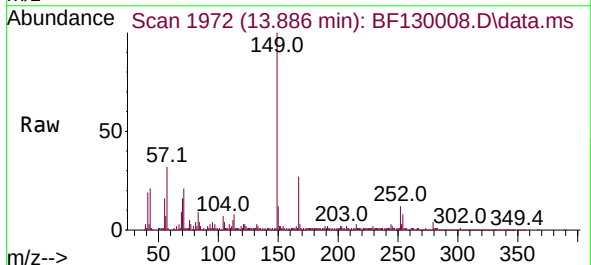
Manual Integrations
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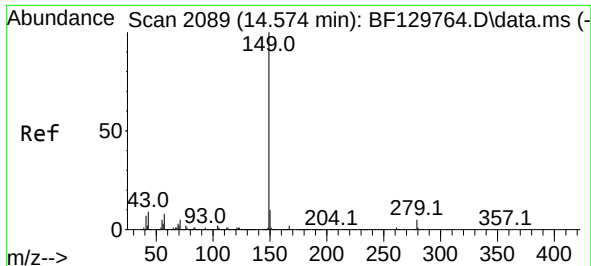
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.082 ng
RT: 13.886 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Tgt Ion:149 Resp: 95030
Ion Ratio Lower Upper
149 100
167 27.4 22.0 33.0
279 3.9 3.6 5.4





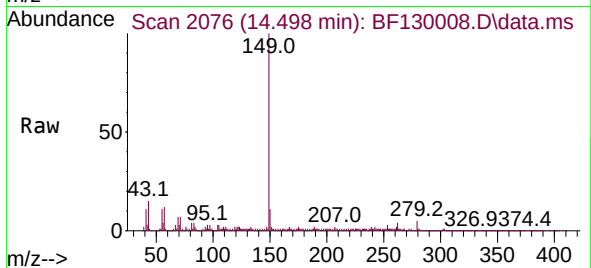
#85
Di-n-octyl phthalate
Concen: 9.847 ng
RT: 14.498 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MS

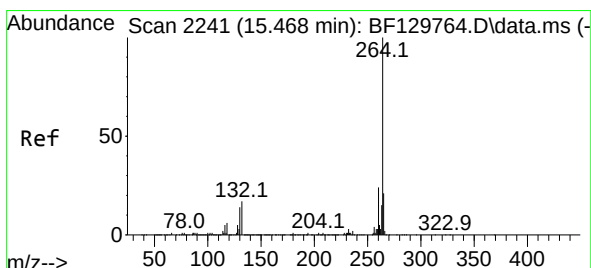
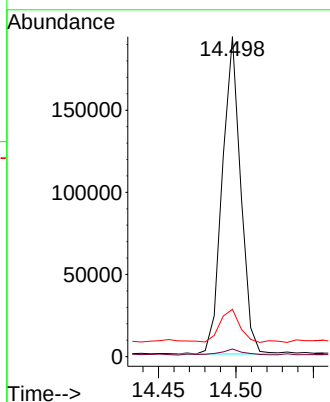
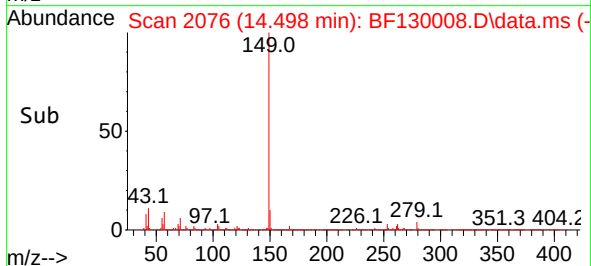


Tgt Ion:149 Resp: 159828
Ion Ratio Lower Upper
149 100
167 2.5 1.3 1.9
43 10.2 7.8 11.6

Manual Integrations

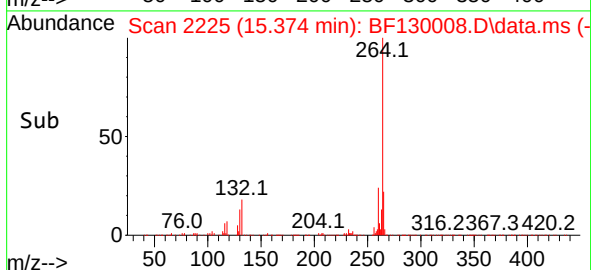
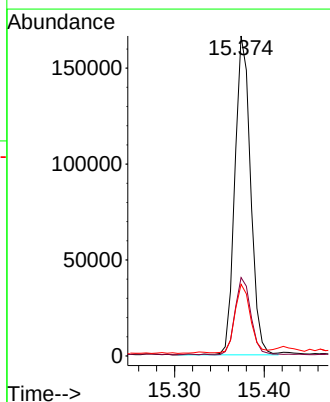
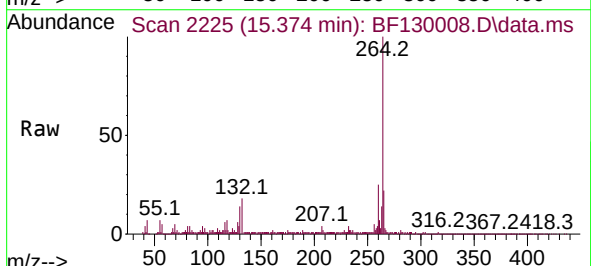
APPROVED

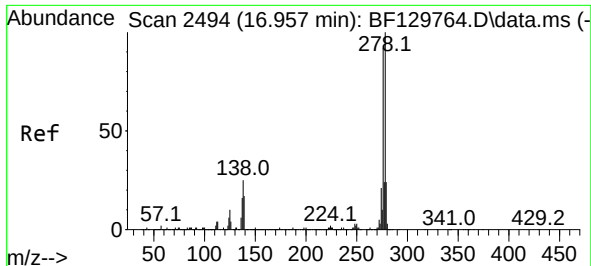
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.374 min Scan# 2225
Delta R.T. 0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Tgt Ion:264 Resp: 201756
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 22.4 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 10.398 ng
RT: 16.821 min Scan# 2494
Delta R.T. 0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Instrument :

BNA_F

ClientSampleId :

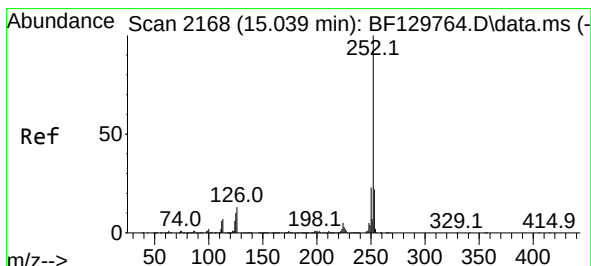
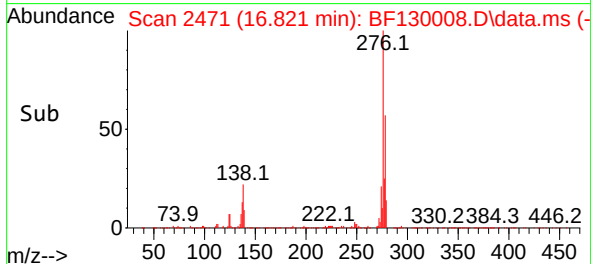
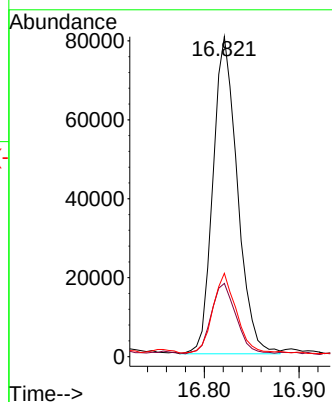
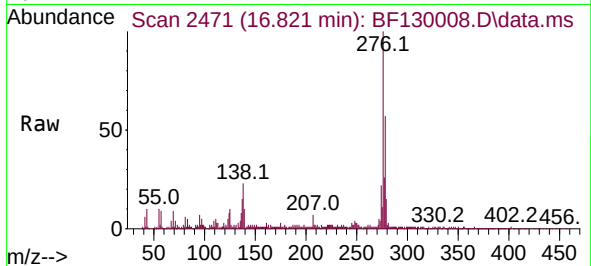
SU-03-082322MS

Tgt Ion:276 Resp: 144023
Ion Ratio Lower Upper
276 100
138 22.5 19.8 29.8
277 25.1 20.4 30.6

Manual Integrations

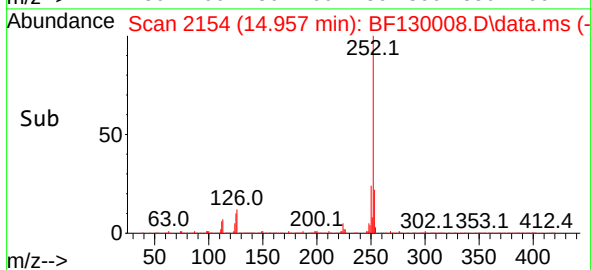
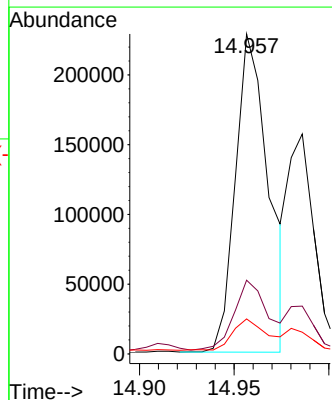
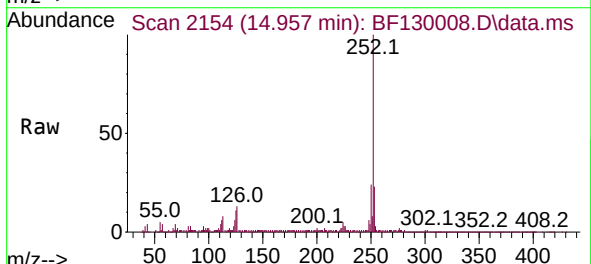
APPROVED

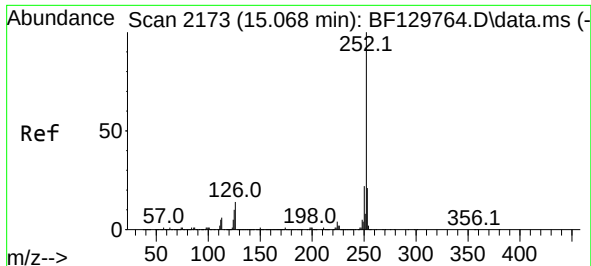
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#88
Benzo(b)fluoranthene
Concen: 20.059 ng
RT: 14.957 min Scan# 2154
Delta R.T. 0.006 min
Lab File: BF130008.D
Acq: 25 Aug 2022 20:01

Tgt Ion:252 Resp: 277117
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 10.9 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 11.266 ng

RT: 14.986 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF130008.D

Acq: 25 Aug 2022 20:01

Instrument :

BNA_F

ClientSampleId :

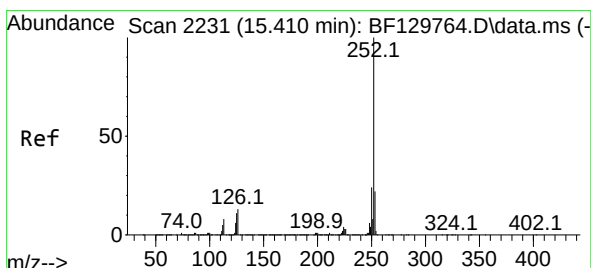
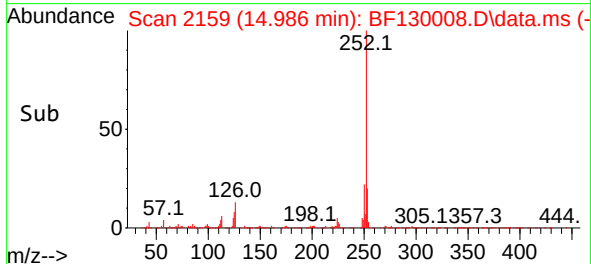
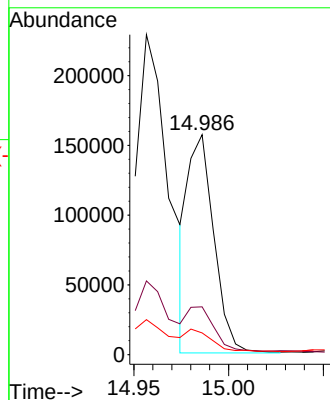
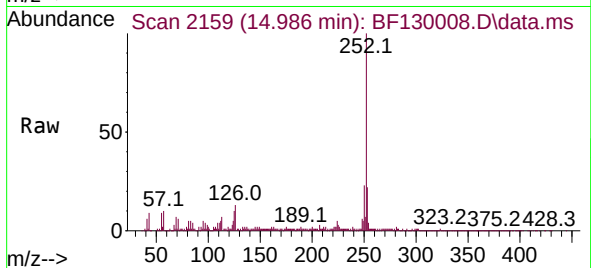
SU-03-082322MS

Tgt Ion:252 Resp: 149266
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.1 25.7
 125 9.8 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022



#90

Benzo(a)pyrene

Concen: 18.197 ng

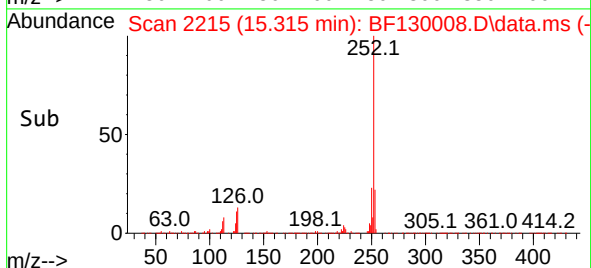
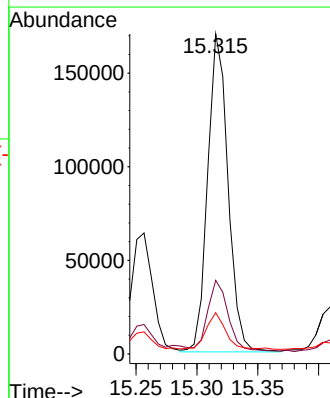
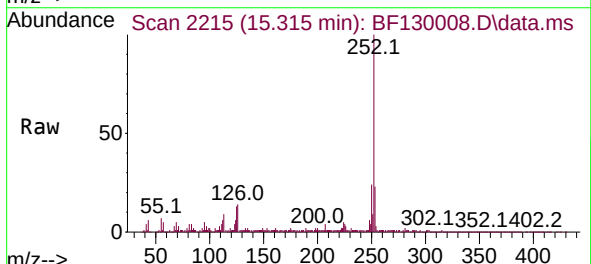
RT: 15.315 min Scan# 2215

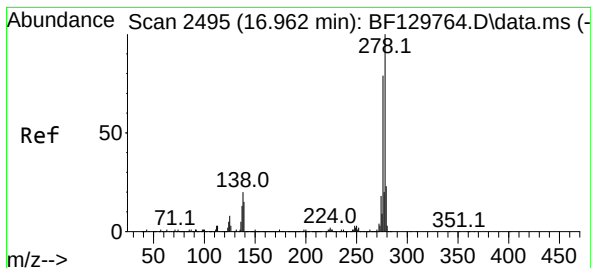
Delta R.T. 0.006 min

Lab File: BF130008.D

Acq: 25 Aug 2022 20:01

Tgt Ion:252 Resp: 197979
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.2 25.8
 125 12.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 7.692 ng

RT: 16.821 min Scan# 24

Delta R.T. 0.006 min

Lab File: BF130008.D

Acq: 25 Aug 2022 20:01

Instrument :

BNA_F

ClientSampleId :

SU-03-082322MS

Tgt Ion:278 Resp: 87906

Ion Ratio Lower Upper

278 100

139 17.7 12.2 18.4

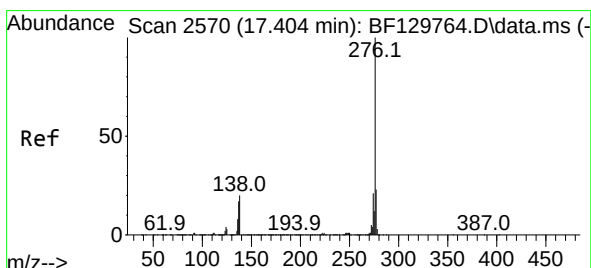
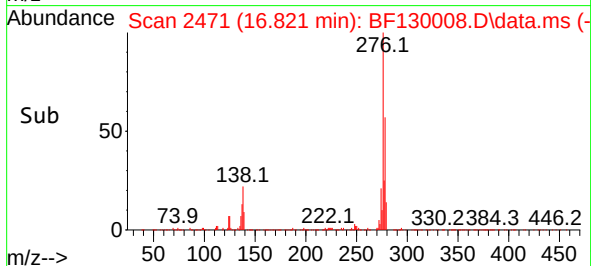
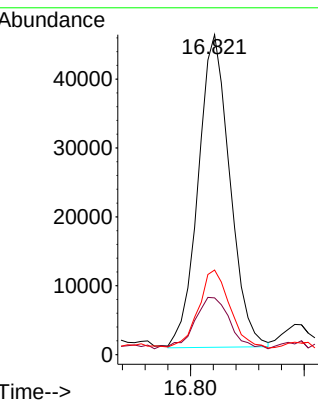
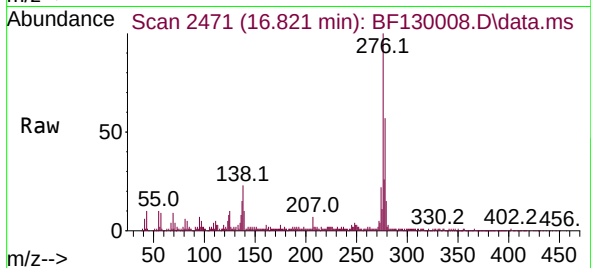
279 26.4 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#92

Benzo(g,h,i)perylene

Concen: 10.785 ng

RT: 17.262 min Scan# 2546

Delta R.T. 0.018 min

Lab File: BF130008.D

Acq: 25 Aug 2022 20:01

Tgt Ion:276 Resp: 122964

Ion Ratio Lower Upper

276 100

277 25.6 18.2 27.4

138 19.4 15.8 23.8

