

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
 Data File : BF131028.D
 Acq On : 05 Nov 2022 19:52
 Operator : CG\JU
 Sample : N5318-05MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20221111-COMP-10MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/07/2022
 Supervised By : Jagrut Upadhyay 11/07/2022

Quant Time: Nov 07 00:51:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:46:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	91853	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	366462	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	173433	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	296208	20.000	ng	0.00
76) Chrysene-d12	14.092	240	199167	20.000	ng	0.00
86) Perylene-d12	15.586	264	200278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	645823	121.891	ng	0.02
7) Phenol-d6	6.534	99	827681	120.211	ng	0.00
23) Nitrobenzene-d5	7.469	82	592431	97.481	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	217356	148.878	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1020286	88.942	ng	0.00
79) Terphenyl-d14	13.033	244	841106	77.387	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	102837	43.291	ng	93
3) Pyridine	3.522	79	268060	40.288	ng	99
4) n-Nitrosodimethylamine	3.487	42	169991	45.510	ng	# 94
6) Aniline	6.569	93	258889m	30.408	ng	
8) 2-Chlorophenol	6.686	128	282233	47.818	ng	96
9) Benzaldehyde	6.457	77	199319	45.230	ng	93
10) Phenol	6.545	94	341958m	46.153	ng	
11) bis(2-Chloroethyl)ether	6.639	93	273701	47.387	ng	96
12) 1,3-Dichlorobenzene	6.845	146	309460	46.270	ng	100
13) 1,4-Dichlorobenzene	6.922	146	320495	47.209	ng	99
14) 1,2-Dichlorobenzene	7.075	146	317479	50.495	ng	99
15) Benzyl Alcohol	7.045	79	270919	46.274	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	494707	48.051	ng	96
17) 2-Methylphenol	7.157	107	237273	47.034	ng	99
18) Hexachloroethane	7.416	117	125873	51.302	ng	94
19) n-Nitroso-di-n-propyla...	7.316	70	214424	45.772	ng	97
20) 3+4-Methylphenols	7.310	107	293706	44.778	ng	# 73
22) Acetophenone	7.316	105	412651	46.443	ng	95
24) Nitrobenzene	7.492	77	334656	50.358	ng	92
25) Isophorone	7.728	82	598926	47.790	ng	99
26) 2-Nitrophenol	7.804	139	157553	59.100	ng	95
27) 2,4-Dimethylphenol	7.839	122	267407	51.269	ng	99
28) bis(2-Chloroethoxy)met...	7.933	93	362320	51.766	ng	99
29) 2,4-Dichlorophenol	8.045	162	247120	46.057	ng	96
30) 1,2,4-Trichlorobenzene	8.128	180	269454	46.702	ng	98
31) Naphthalene	8.210	128	851363	44.528	ng	99
32) Benzoic acid	7.969	122	159704	43.870	ng	93
33) 4-Chloroaniline	8.257	127	115006	15.222	ng	96
34) Hexachlorobutadiene	8.322	225	179208	46.791	ng	98
35) Caprolactam	8.633	113	75402m	43.853	ng	
36) 4-Chloro-3-methylphenol	8.745	107	265919	45.690	ng	95
37) 2-Methylnaphthalene	8.904	142	544362	45.263	ng	100
38) 1-Methylnaphthalene	9.004	142	510154	43.588	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	277311	56.384	ng	99
41) Hexachlorocyclopentadiene	9.051	237	309161	119.636	ng	100
43) 2,4,6-Trichlorophenol	9.180	196	182620	53.436	ng	100

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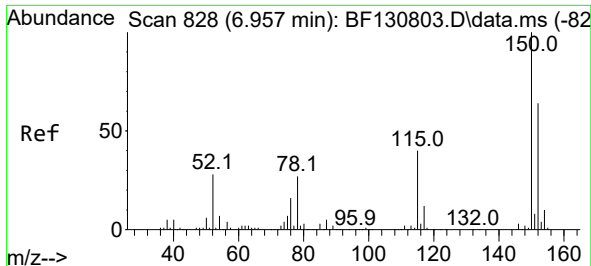
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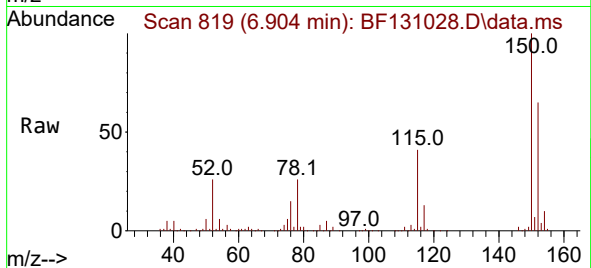
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	194147	53.173	ng	97
46) 1,1'-Biphenyl	9.369	154	632242	51.168	ng	100
47) 2-Chloronaphthalene	9.398	162	486701	49.122	ng	95
48) 2-Nitroaniline	9.492	65	169504	52.754	ng	100
49) Acenaphthylene	9.816	152	710998	45.410	ng	99
50) Dimethylphthalate	9.675	163	543958	45.663	ng	100
51) 2,6-Dinitrotoluene	9.733	165	121545	53.345	ng	97
52) Acenaphthene	9.986	154	502547m	51.907	ng	
53) 3-Nitroaniline	9.904	138	60239	25.962	ng	# 89
54) 2,4-Dinitrophenol	10.016	184	120872	99.773	ng	92
55) Dibenzofuran	10.157	168	627411	44.709	ng	100
56) 4-Nitrophenol	10.069	139	175677	95.623	ng	98
57) 2,4-Dinitrotoluene	10.139	165	157231	54.702	ng	# 91
58) Fluorene	10.504	166	490065	44.350	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.274	232	136816	45.449	ng	97
60) Diethylphthalate	10.374	149	525604	44.864	ng	99
61) 4-Chlorophenyl-phenyle...	10.492	204	244664	46.283	ng	99
62) 4-Nitroaniline	10.527	138	110052	46.841	ng	95
63) Azobenzene	10.657	77	542393	44.351	ng	96
65) 4,6-Dinitro-2-methylph...	10.551	198	82761	63.740	ng	91
66) n-Nitrosodiphenylamine	10.616	169	445972	48.269	ng	100
67) 4-Bromophenyl-phenylether	10.986	248	154829	51.976	ng	97
68) Hexachlorobenzene	11.051	284	169697	51.705	ng	93
69) Atrazine	11.139	200	144720	54.239	ng	96
70) Pentachlorophenol	11.245	266	156412	83.516	ng	97
71) Phenanthrene	11.469	178	685430	44.834	ng	100
72) Anthracene	11.521	178	696001	46.156	ng	99
73) Carbazole	11.674	167	594400	44.017	ng	100
74) Di-n-butylphthalate	12.004	149	775072	47.259	ng	98
75) Fluoranthene	12.663	202	679873	41.855	ng	98
77) Benzidine	12.780	184	213918	44.246	ng	98
78) Pyrene	12.892	202	692294	41.200	ng	99
80) Butylbenzylphthalate	13.504	149	288684	47.753	ng	96
81) Benzo(a)anthracene	14.080	228	607244	45.987	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	118916	33.367	ng	# 95
83) Chrysene	14.121	228	572584	44.954	ng	99
84) Bis(2-ethylhexyl)phtha...	14.062	149	396254	54.515	ng	99
85) Di-n-octyl phthalate	14.680	149	611678	60.974	ng	98
87) Indeno(1,2,3-cd)pyrene	17.115	276	716991	53.909	ng	97
88) Benzo(b)fluoranthene	15.151	252	591083	45.656	ng	98
89) Benzo(k)fluoranthene	15.180	252	566342	44.893	ng	98
90) Benzo(a)pyrene	15.527	252	521027	50.063	ng	98
91) Dibenzo(a,h)anthracene	17.139	278	598747	55.224	ng	98
92) Benzo(g,h,i)perylene	17.586	276	612140	55.341	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

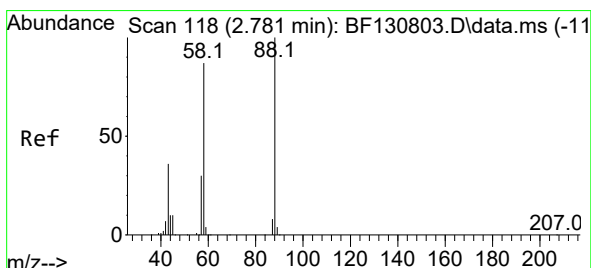
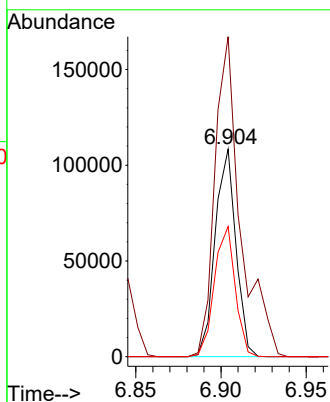
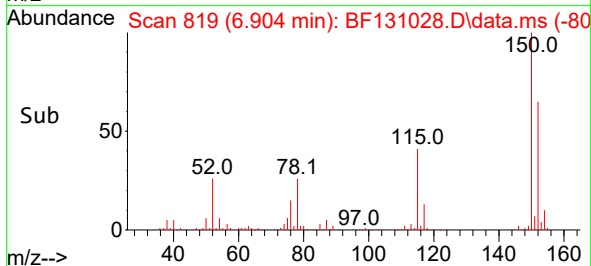
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



Tgt Ion:152 Resp: 9185
Ion Ratio Lower Upper
152 100
150 154.2 124.1 186.1
115 62.7 50.1 75.1

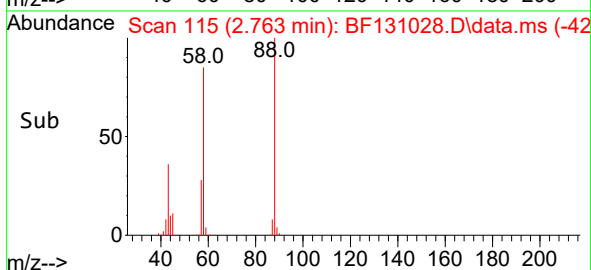
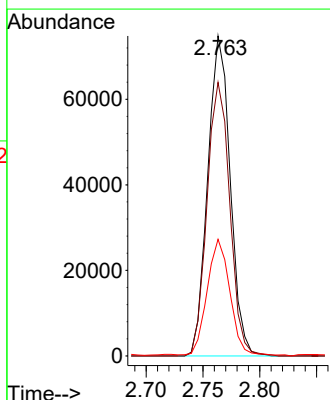
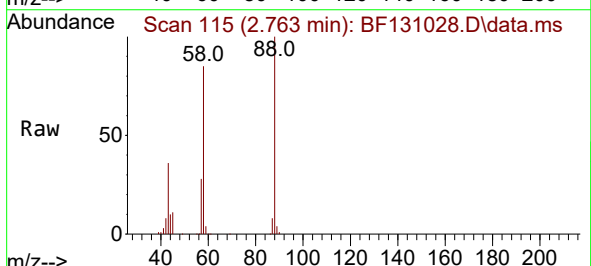
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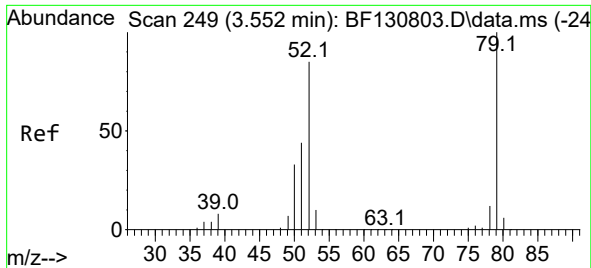
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#2
1,4-Dioxane
Concen: 43.291 ng
RT: 2.763 min Scan# 115
Delta R.T. 0.082 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

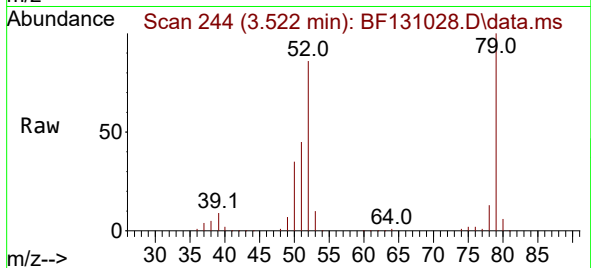
Tgt Ion: 88 Resp: 102837
Ion Ratio Lower Upper
88 100
58 86.6 64.7 97.1
43 37.5 26.5 39.7





#3
Pyridine
Concen: 40.288 ng
RT: 3.522 min Scan# 249
Delta R.T. 0.071 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

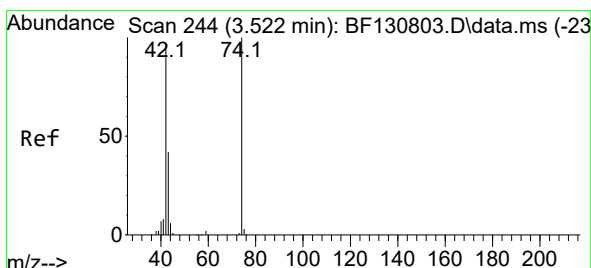
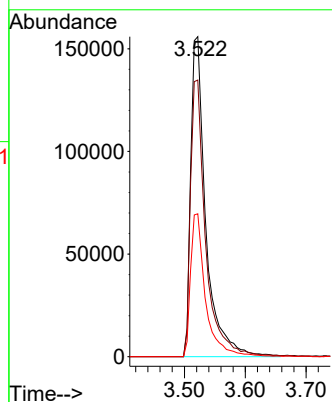
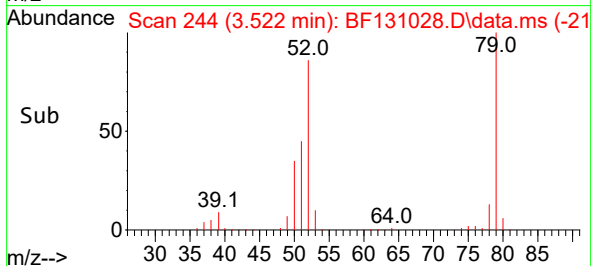
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



Tgt Ion: 79 Resp: 268060
Ion Ratio Lower Upper
79 100
52 86.5 68.2 102.4
51 44.7 35.2 52.8

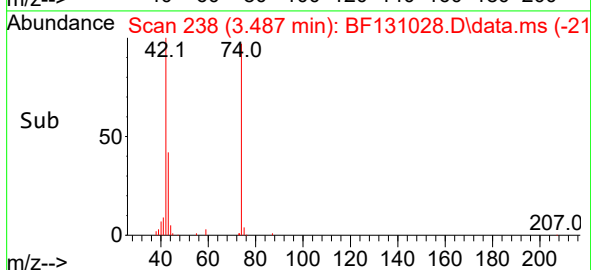
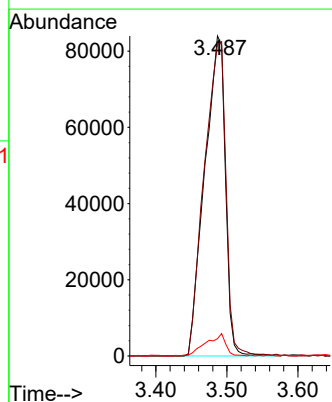
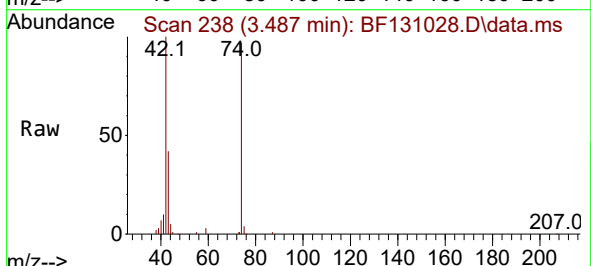
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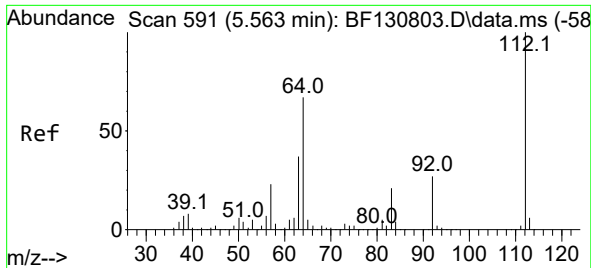
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#4
n-Nitrosodimethylamine
Concen: 45.510 ng
RT: 3.487 min Scan# 238
Delta R.T. 0.065 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

Tgt Ion: 42 Resp: 169991
Ion Ratio Lower Upper
42 100
74 97.3 82.8 124.2
44 5.4 6.0 9.0





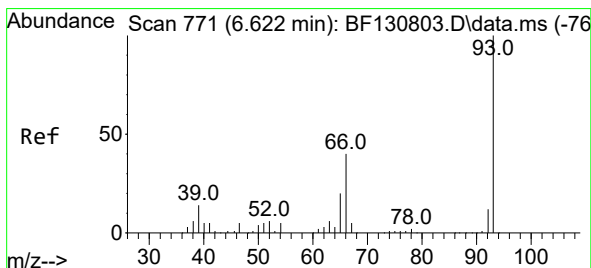
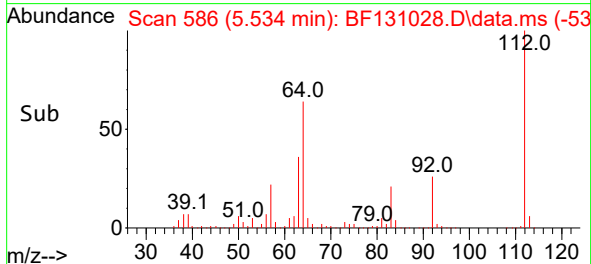
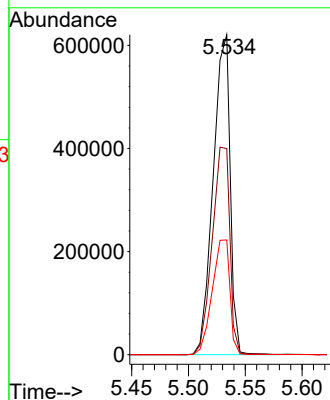
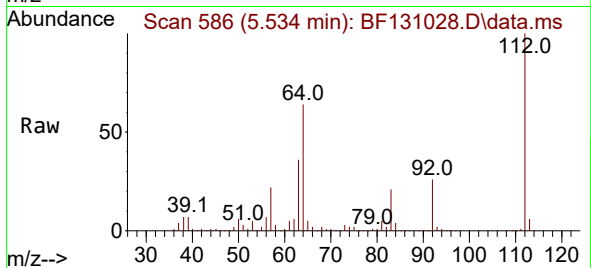
#5
2-Fluorophenol
Concen: 121.891 ng
RT: 5.534 min Scan# 591
Delta R.T. 0.018 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

Instrument :
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Tgt Ion:112 Resp: 64582
Ion Ratio Lower Upper
112 100
64 64.4 53.9 80.9
63 35.9 29.4 44.2

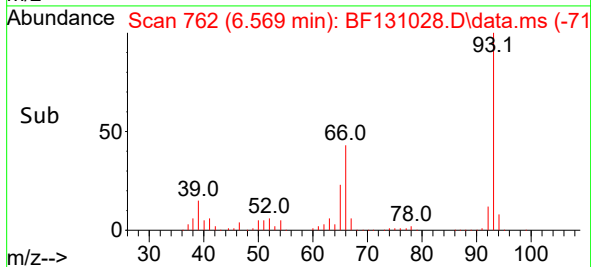
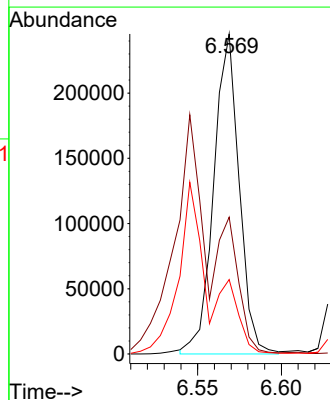
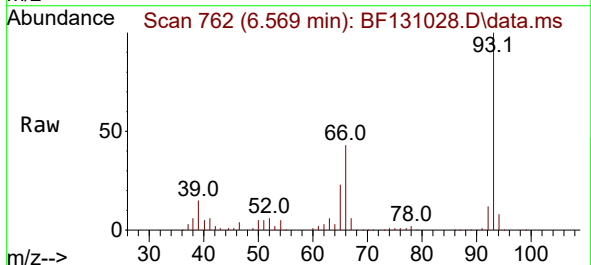
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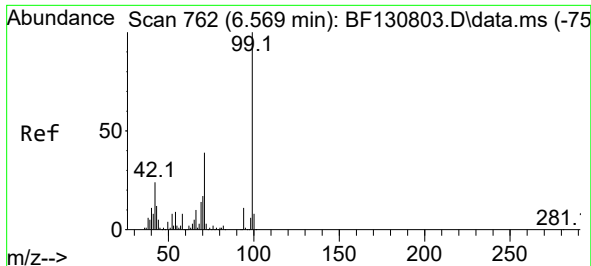
Reviewed By :Christian Giraldo 11/07/2022
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#6
Aniline
Concen: 30.408 ng m
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

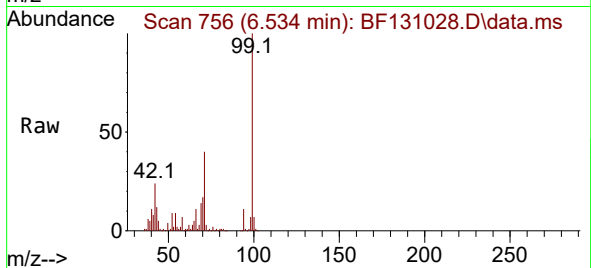
Tgt Ion: 93 Resp: 258889
Ion Ratio Lower Upper
93 100
66 42.7 33.8 50.8
65 23.2 17.2 25.8





#7
Phenol-d6
Concen: 120.211 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

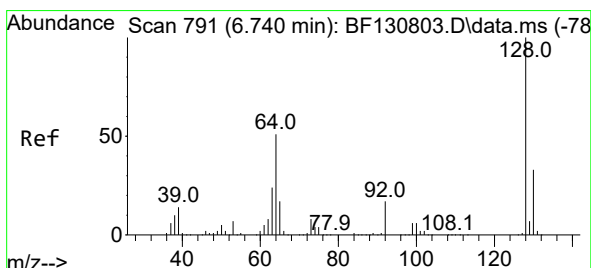
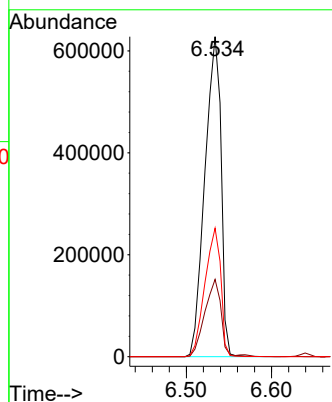
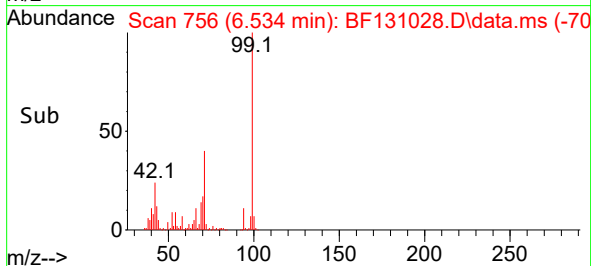
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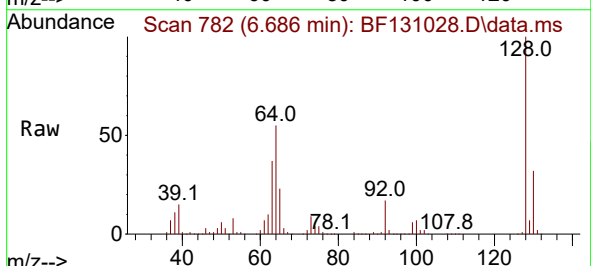
Tgt Ion: 99 Resp: 82768
Ion Ratio Lower Upper
99 100
42 24.1 18.8 28.2
71 40.2 31.4 47.0

Manual Integrations
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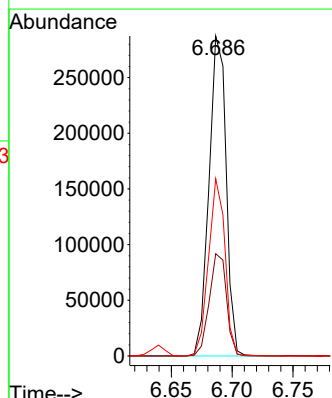
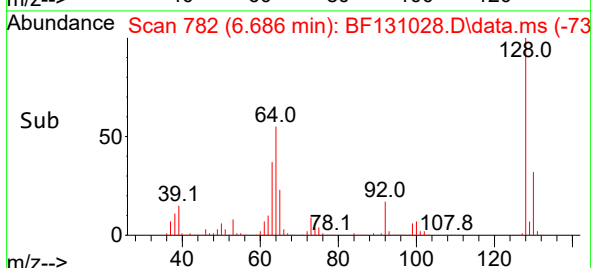
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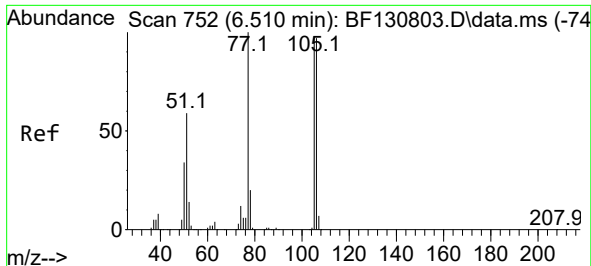


#8
2-Chlorophenol
Concen: 47.818 ng
RT: 6.686 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



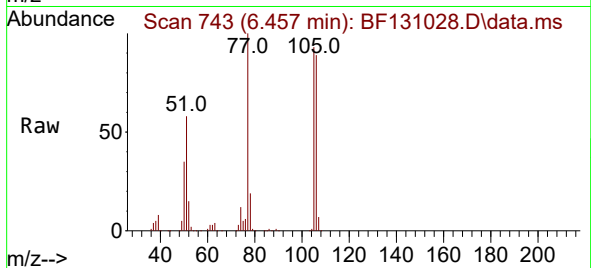
Tgt Ion:128 Resp: 282233
Ion Ratio Lower Upper
128 100
130 31.9 12.7 52.7
64 55.4 31.3 71.3





#9
Benzaldehyde
Concen: 45.230 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

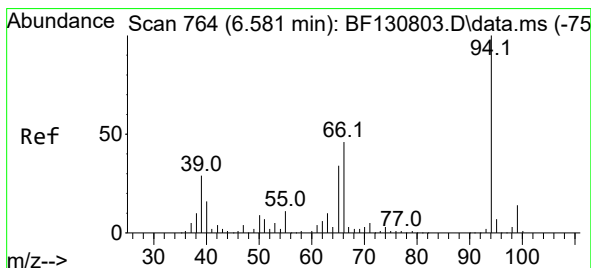
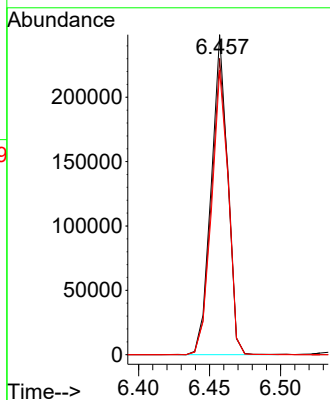
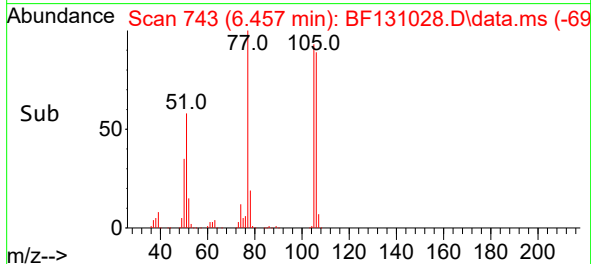
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



Tgt Ion: 77 Resp: 199319
Ion Ratio Lower Upper
77 100
105 92.5 78.2 118.2
106 88.9 76.6 116.6

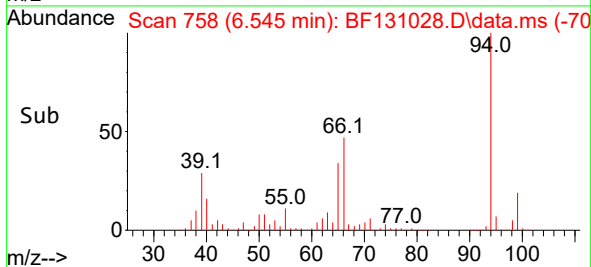
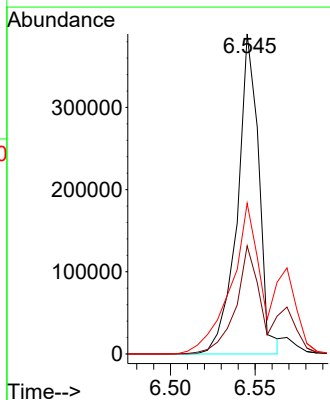
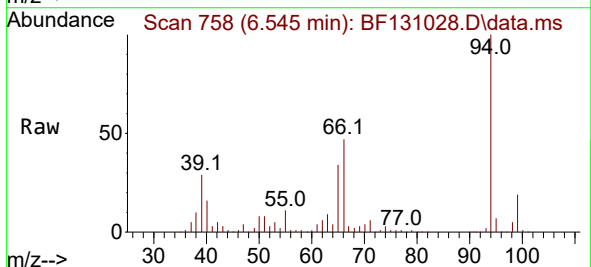
Manual Integrations
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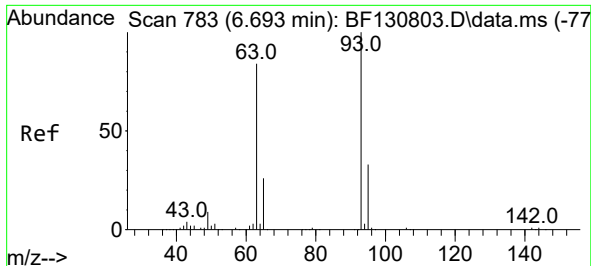
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#10
Phenol
Concen: 46.153 ng m
RT: 6.545 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

Tgt Ion: 94 Resp: 341958
Ion Ratio Lower Upper
94 100
65 33.8 13.7 53.7
66 47.1 26.5 66.5





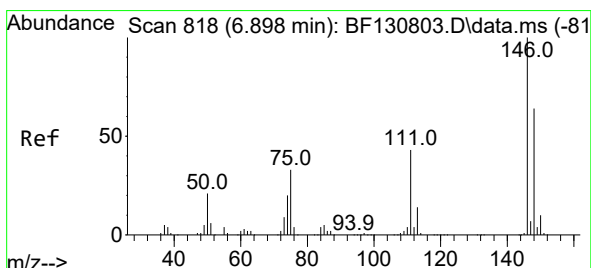
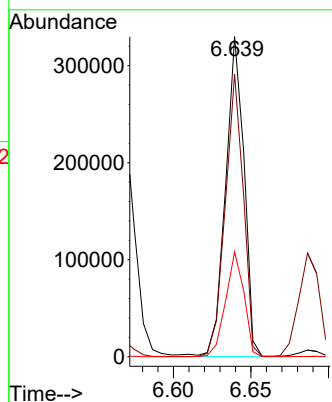
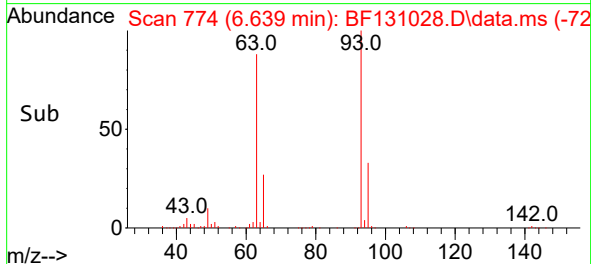
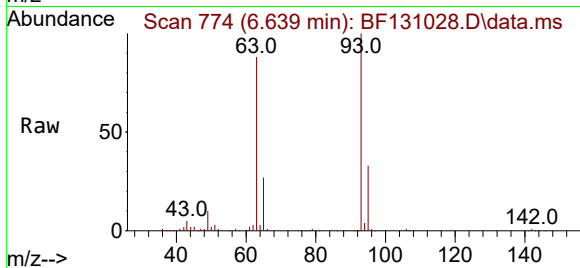
#11
bis(2-Chloroethyl)ether
Concen: 47.387 ng
RT: 6.639 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD

Tgt Ion: 93 Resp: 27370
Ion Ratio Lower Upper
93 100
63 88.4 63.4 103.4
95 32.7 12.6 52.6

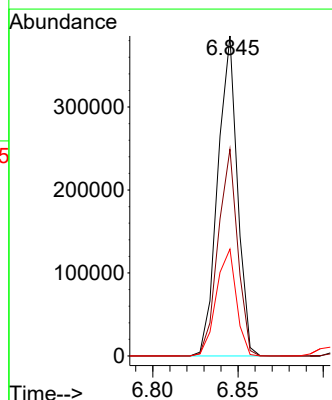
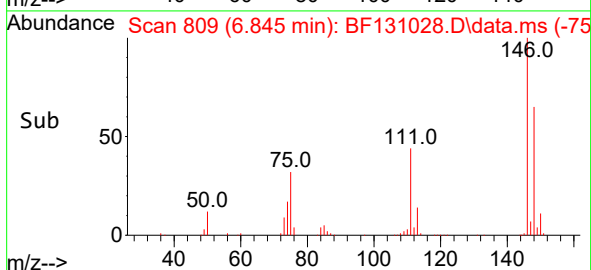
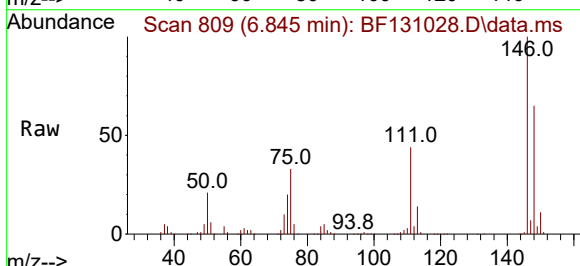
Manual Integrations
APPROVED

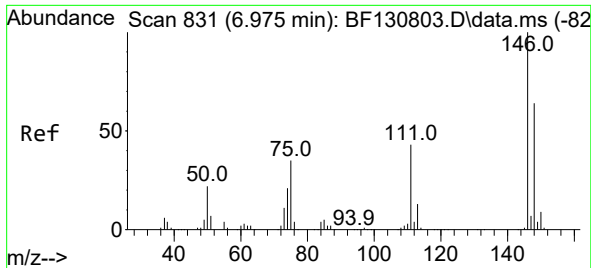
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#12
1,3-Dichlorobenzene
Concen: 46.270 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

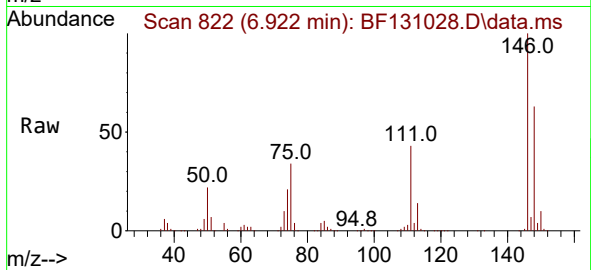
Tgt Ion:146 Resp: 309460
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
75 33.4 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 47.209 ng
RT: 6.922 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

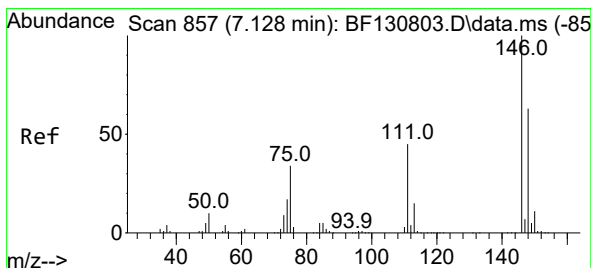
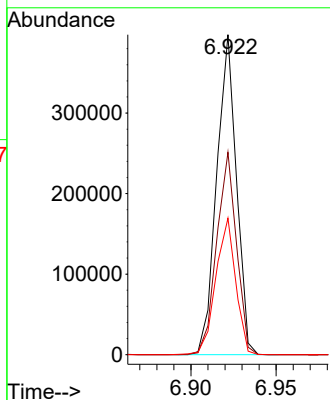
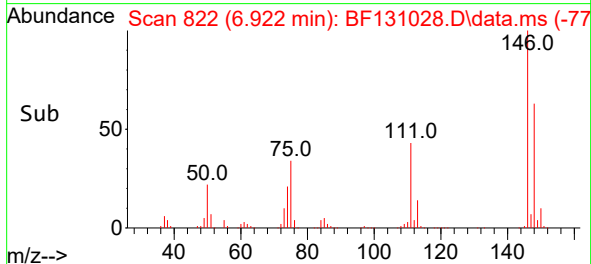
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



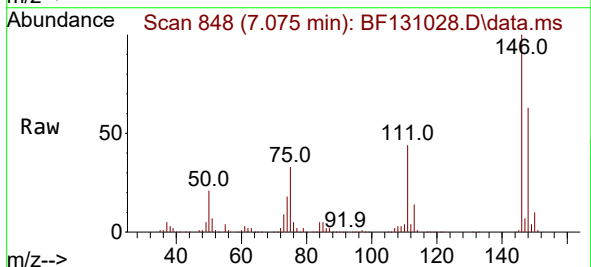
Tgt Ion:146 Resp: 320495
Ion Ratio Lower Upper
146 100
148 63.2 51.3 76.9
111 42.6 34.6 51.8

Manual Integrations
APPROVED

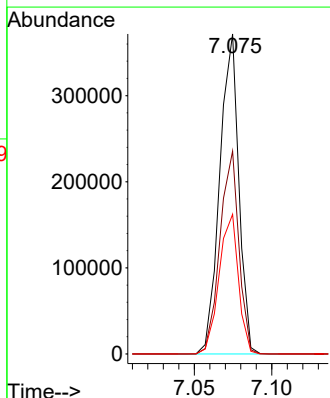
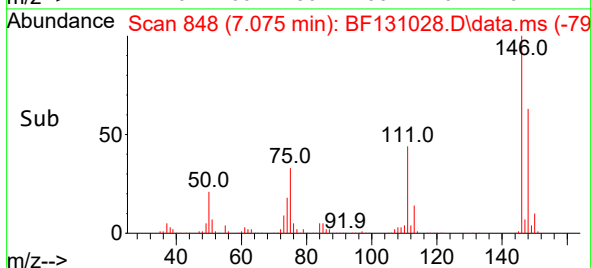
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

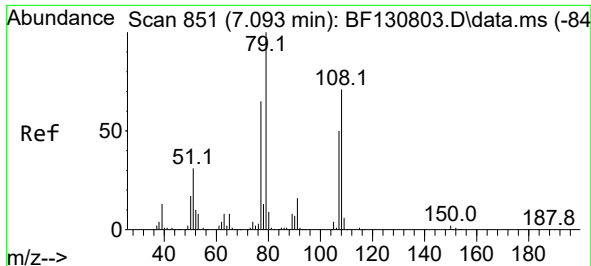


#14
1,2-Dichlorobenzene
Concen: 50.495 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



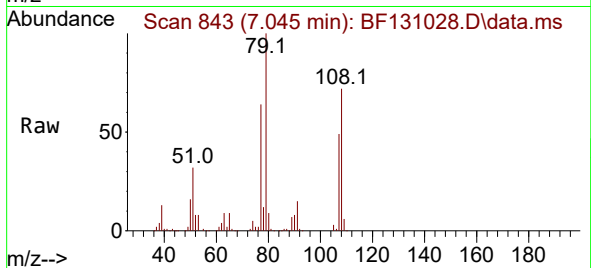
Tgt Ion:146 Resp: 317479
Ion Ratio Lower Upper
146 100
148 63.4 50.6 76.0
111 43.6 36.3 54.5





#15
Benzyl Alcohol
Concen: 46.274 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

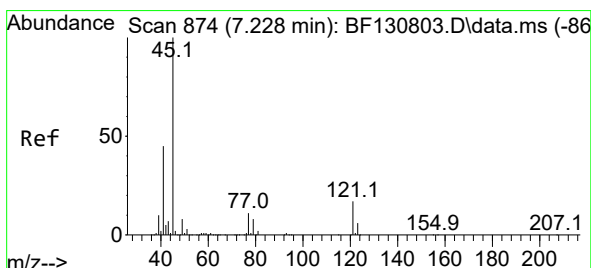
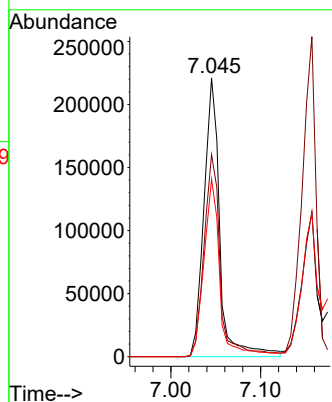
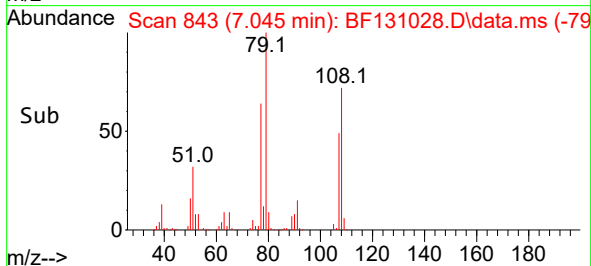
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



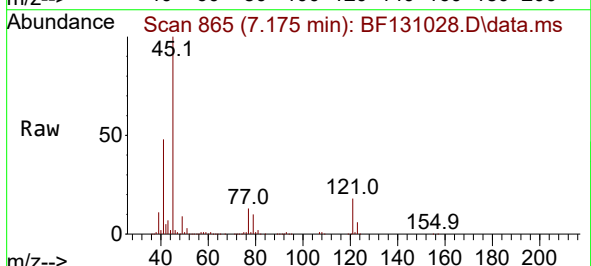
Tgt Ion: 79 Resp: 270919
Ion Ratio Lower Upper
79 100
108 72.5 56.4 84.6
77 63.6 51.8 77.8

Manual Integrations
APPROVED

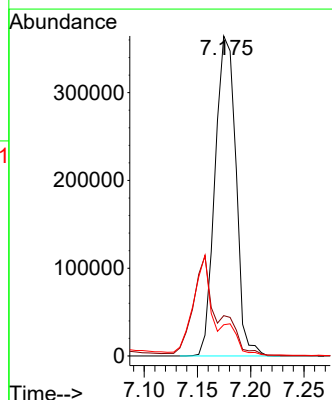
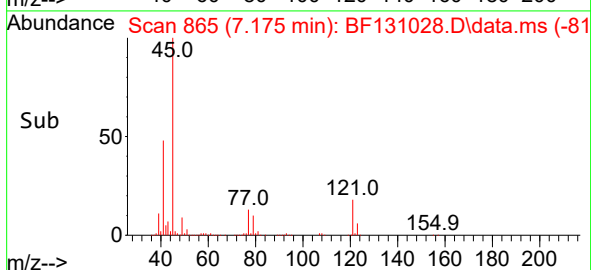
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

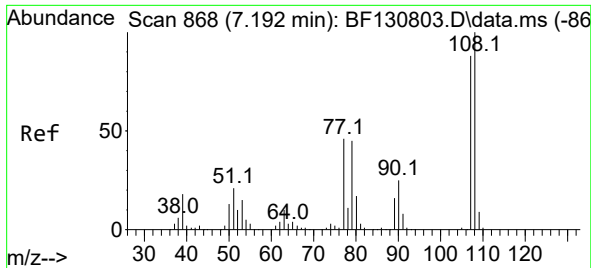


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.051 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



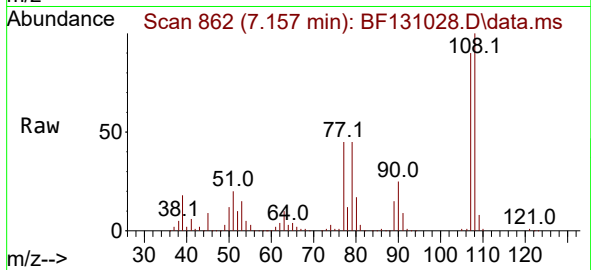
Tgt Ion: 45 Resp: 494707
Ion Ratio Lower Upper
45 100
77 12.6 0.0 31.2
79 9.7 0.0 28.4





#17
2-Methylphenol
Concen: 47.034 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

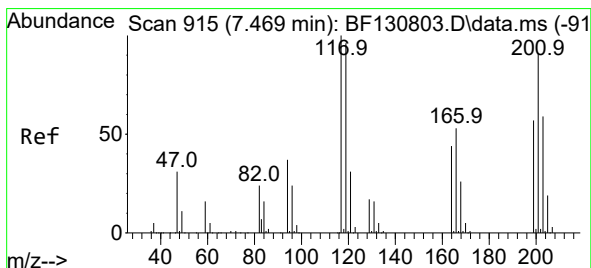
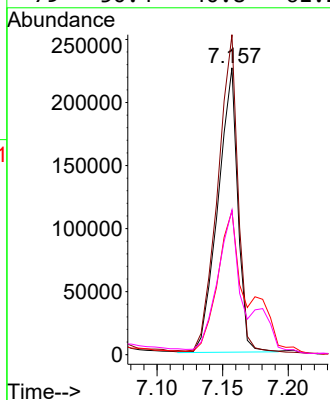
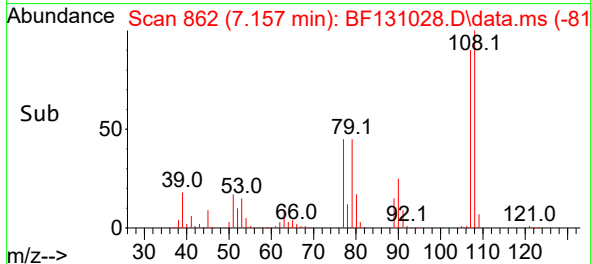
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



Tgt Ion:107 Resp: 23727
Ion Ratio Lower Upper
107 100
108 111.5 90.5 135.7
77 50.1 41.2 61.8
79 50.4 40.8 61.2

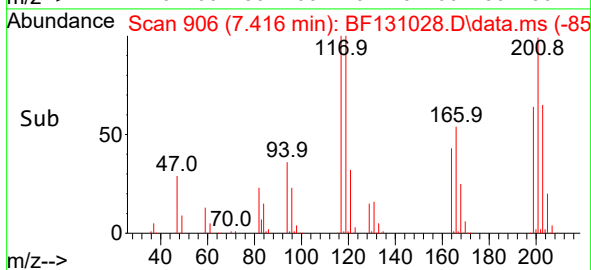
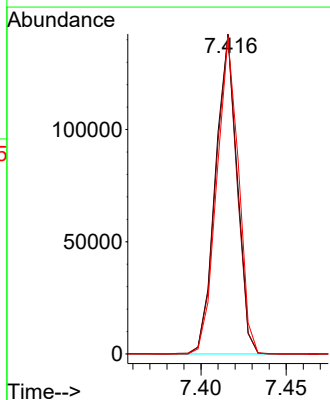
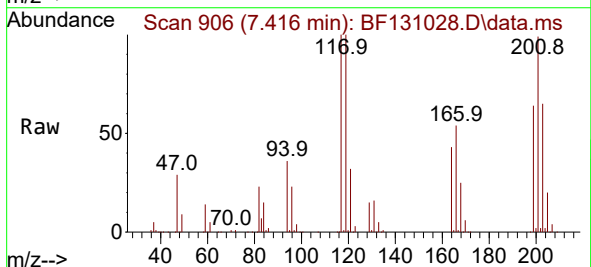
Manual Integrations
APPROVED

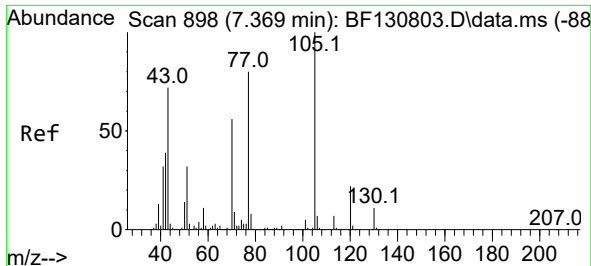
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#18
Hexachloroethane
Concen: 51.302 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

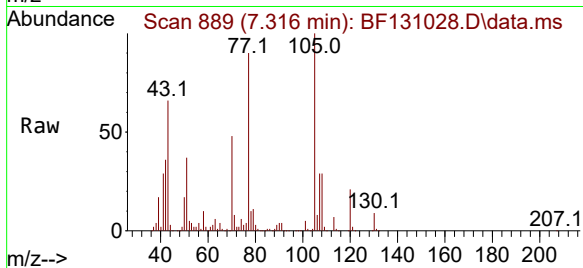
Tgt Ion:117 Resp: 125873
Ion Ratio Lower Upper
117 100
119 100.3 77.1 115.7
201 99.3 72.9 109.3





#19
n-Nitroso-di-n-propylamine
Concen: 45.772 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

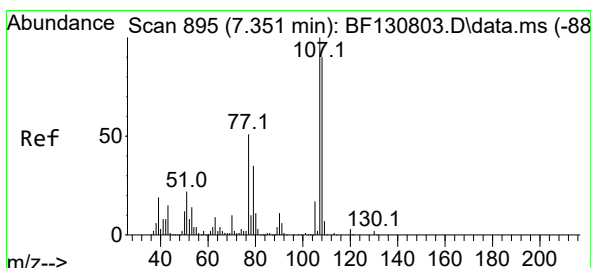
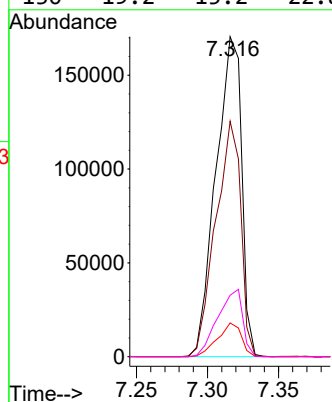
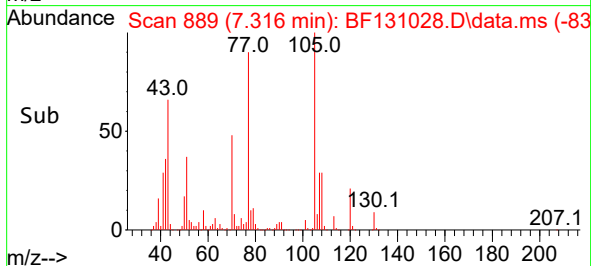
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



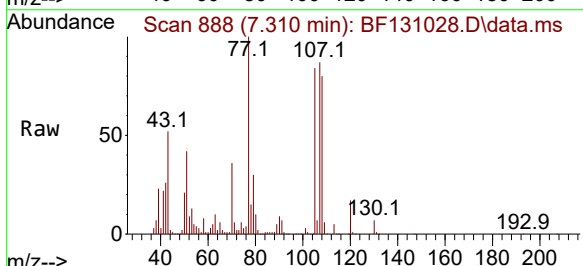
Tgt Ion: 70 Resp: 214424
Ion Ratio Lower Upper
70 100
42 73.5 56.1 84.1
101 10.5 7.3 10.9
130 19.2 15.2 22.8

Manual Integrations
APPROVED

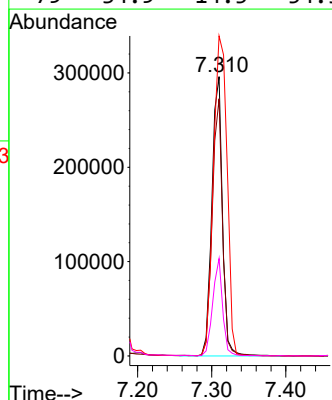
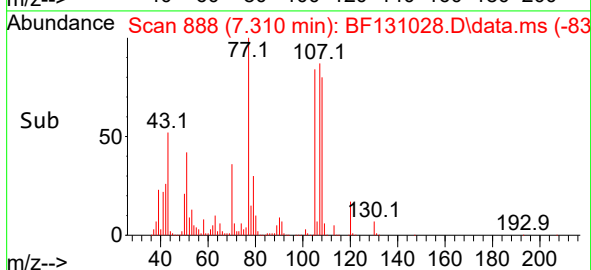
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

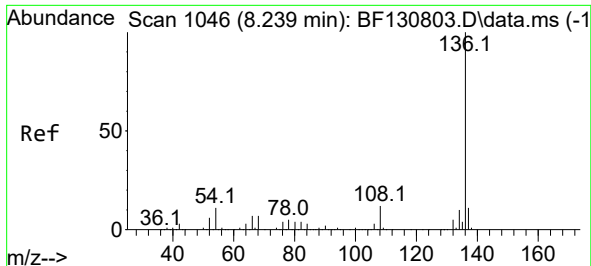


#20
3+4-Methylphenols
Concen: 44.778 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



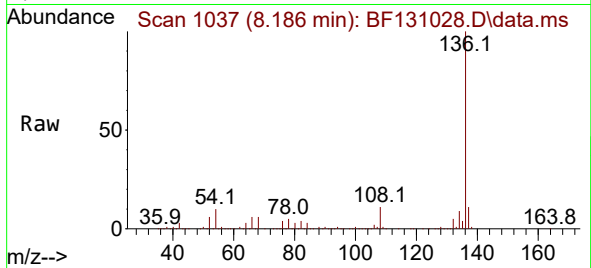
Tgt Ion:107 Resp: 293706
Ion Ratio Lower Upper
107 100
108 92.1 70.4 110.4
77 114.5 31.1 71.1#
79 34.9 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

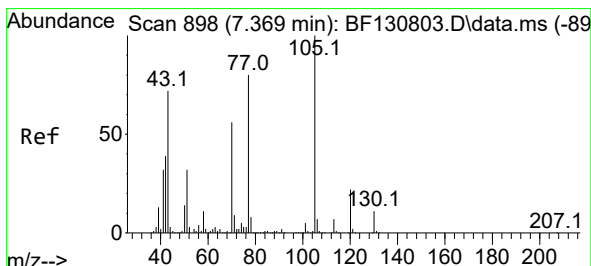
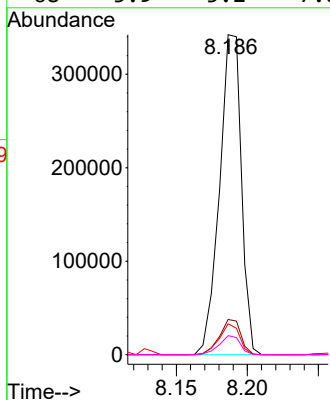
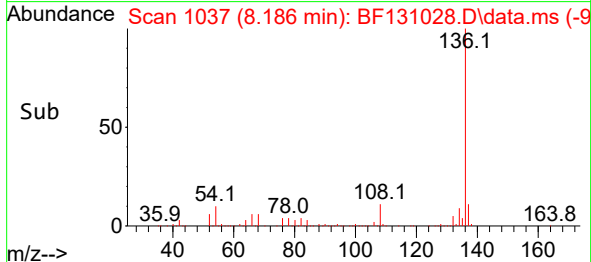
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



Tgt Ion:136 Resp: 366462
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 9.7 8.8 13.2
68 5.9 5.2 7.8

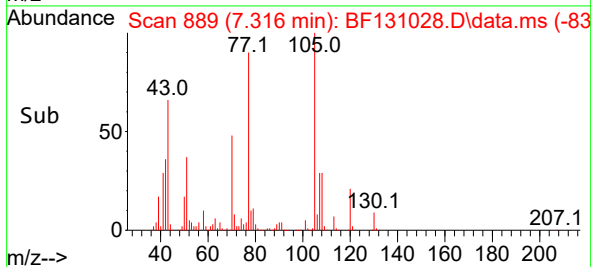
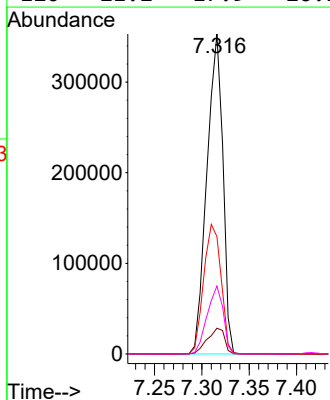
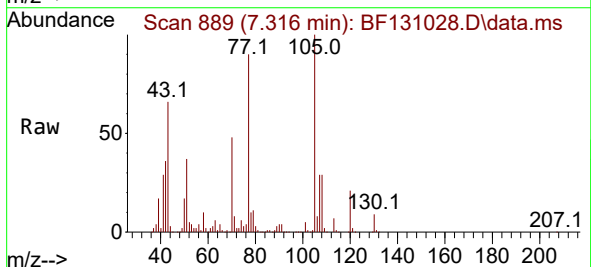
Manual Integrations
APPROVED

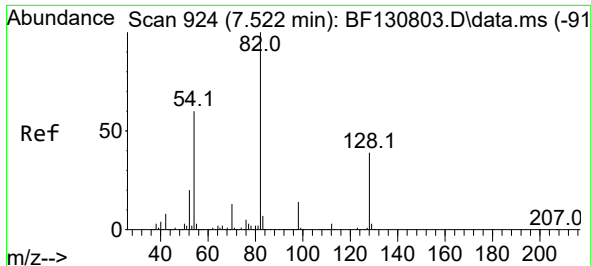
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#22
Acetophenone
Concen: 46.443 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

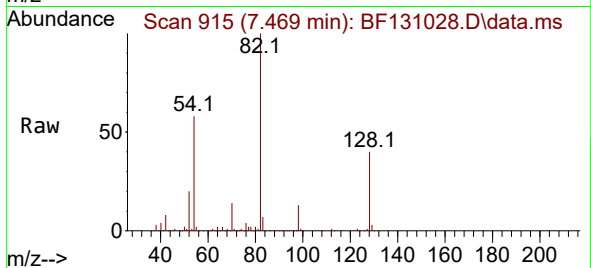
Tgt Ion:105 Resp: 412651
Ion Ratio Lower Upper
105 100
71 8.1 7.2 10.8
51 36.7 25.9 38.9
120 21.2 17.9 26.9





#23
Nitrobenzene-d5
Concen: 97.481 ng
RT: 7.469 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

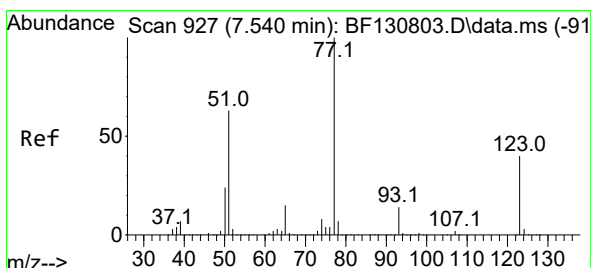
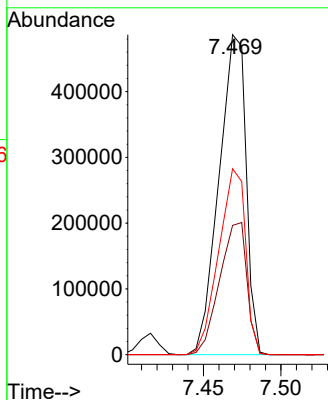
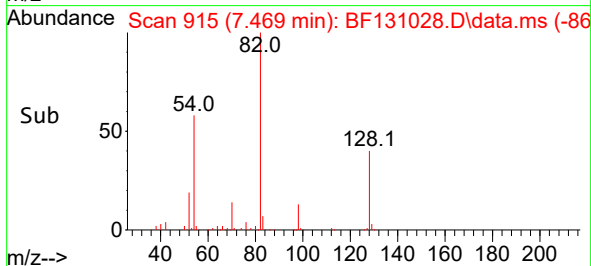
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



Tgt Ion: 82 Resp: 59243
Ion Ratio Lower Upper
82 100
128 40.4 31.2 46.8
54 58.1 48.0 72.0

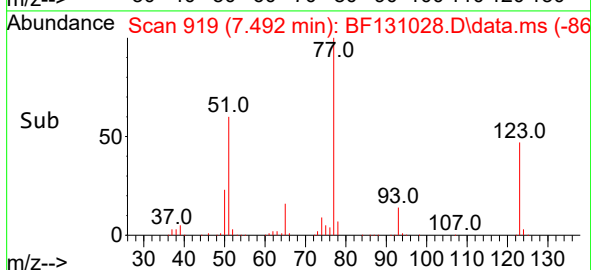
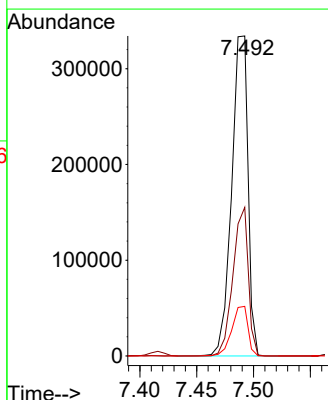
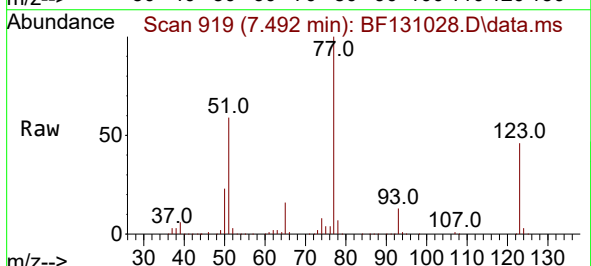
Manual Integrations
APPROVED

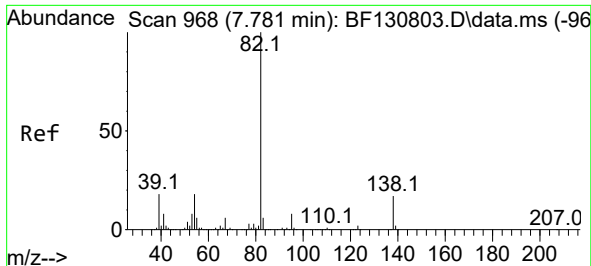
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#24
Nitrobenzene
Concen: 50.358 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

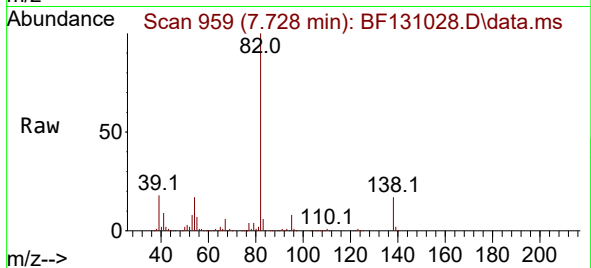
Tgt Ion: 77 Resp: 334656
Ion Ratio Lower Upper
77 100
123 46.5 32.2 48.2
65 15.5 12.0 18.0





#25
Isophorone
Concen: 47.790 ng
RT: 7.728 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

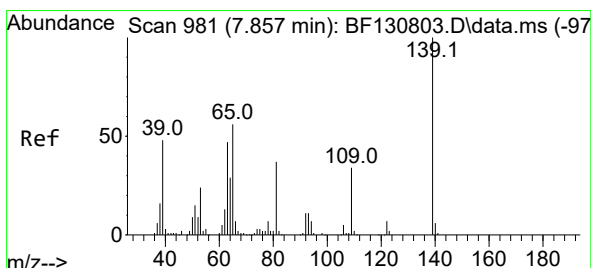
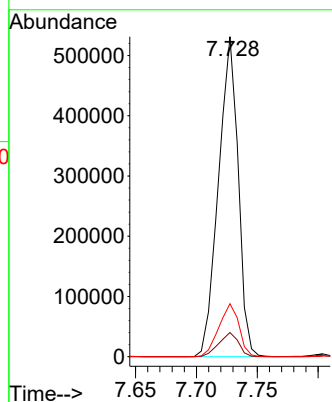
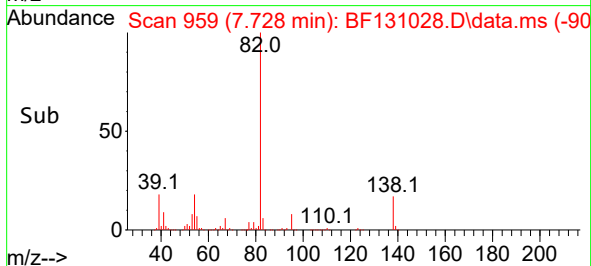
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



Tgt Ion: 82 Resp: 598920
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.4
138 16.6 13.8 20.6

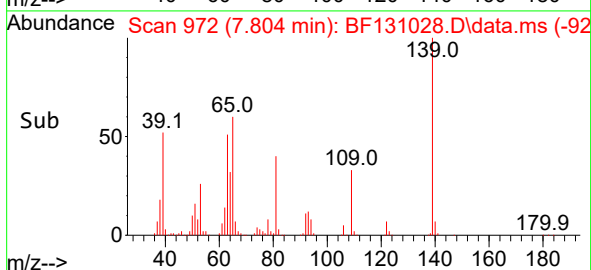
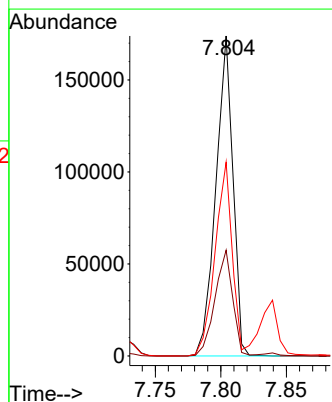
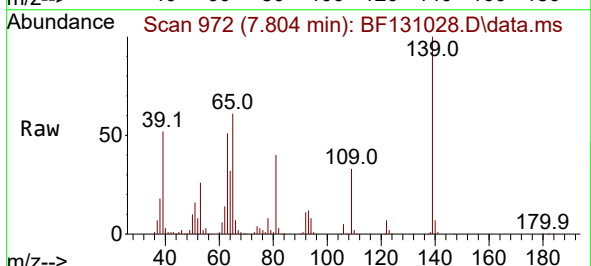
Manual Integrations
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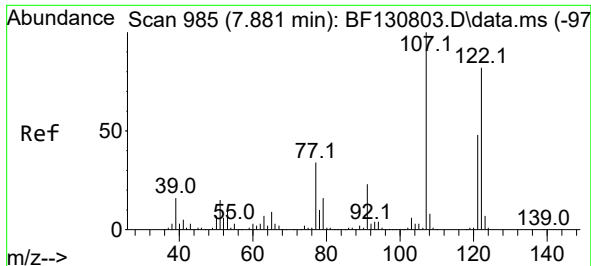
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#26
2-Nitrophenol
Concen: 59.100 ng
RT: 7.804 min Scan# 972
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

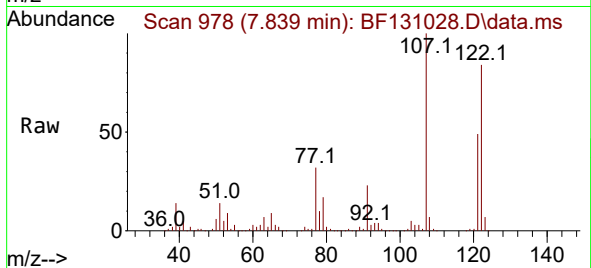
Tgt Ion:139 Resp: 157553
Ion Ratio Lower Upper
139 100
109 33.0 27.3 40.9
65 60.6 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 51.269 ng
RT: 7.839 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

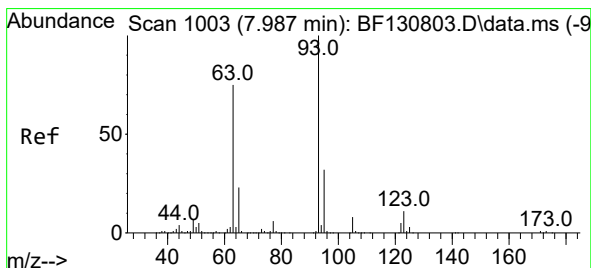
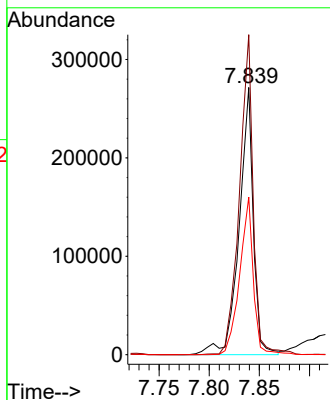
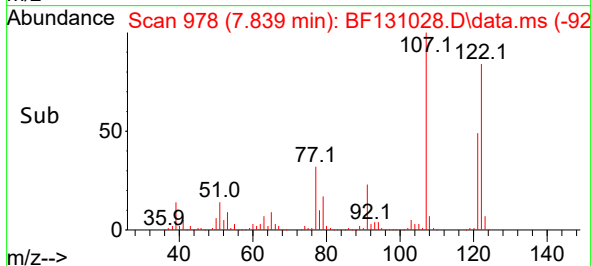
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



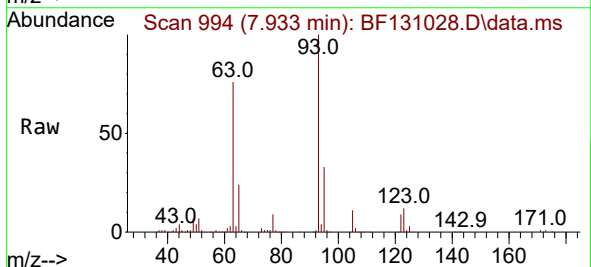
Tgt Ion:122 Resp: 26740
Ion Ratio Lower Upper
122 100
107 119.8 97.1 145.7
121 59.0 46.9 70.3

Manual Integrations
APPROVED

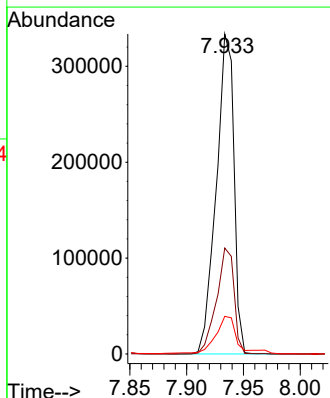
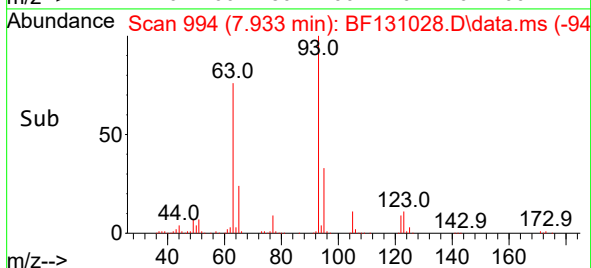
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

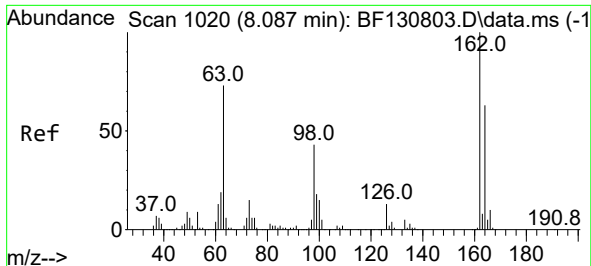


#28
bis(2-Chloroethoxy)methane
Concen: 51.766 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



Tgt Ion: 93 Resp: 362320
Ion Ratio Lower Upper
93 100
95 33.1 25.7 38.5
123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.057 ng

RT: 8.045 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF131028.D

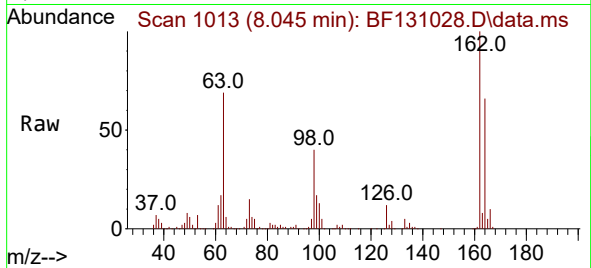
Acq: 05 Nov 2022 19:52

Instrument :

BNA_F

ClientSampleId :

20221111-COMP-10MSD



Tgt Ion:162 Resp: 247120

Ion Ratio Lower Upper

162 100

164 65.6 43.2 83.2

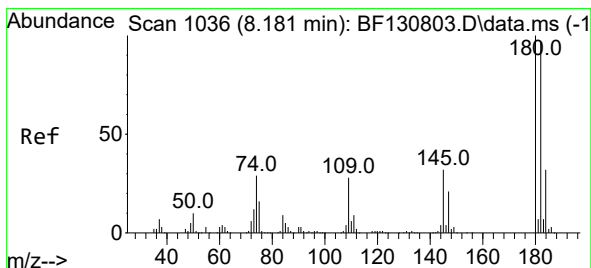
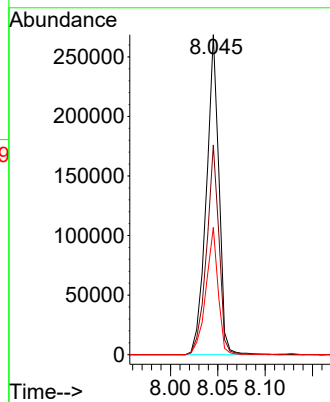
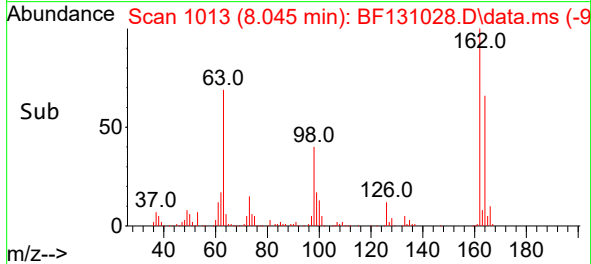
98 39.8 22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/07/2022

Supervised By :Jagrut Upadhyay 11/07/2022



#30

1,2,4-Trichlorobenzene

Concen: 46.702 ng

RT: 8.128 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF131028.D

Acq: 05 Nov 2022 19:52

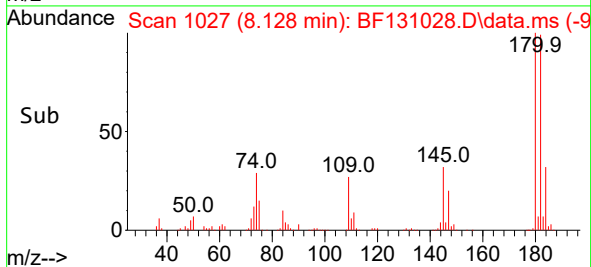
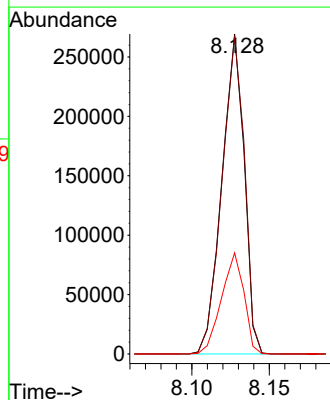
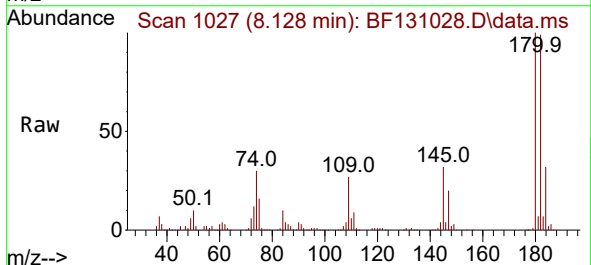
Tgt Ion:180 Resp: 269454

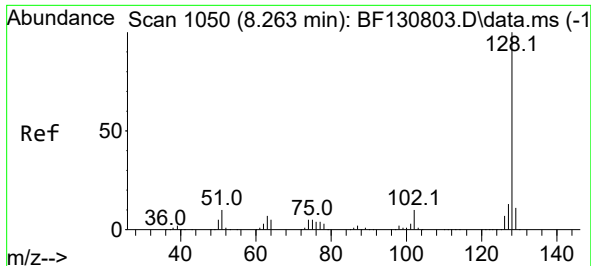
Ion Ratio Lower Upper

180 100

182 99.5 77.7 116.5

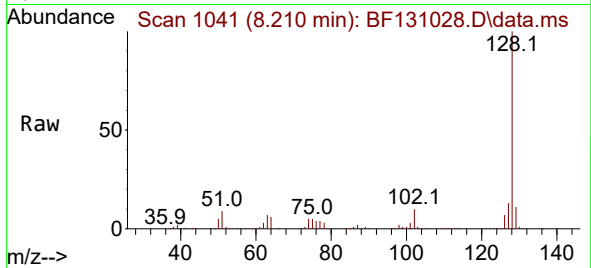
145 31.6 25.9 38.9





#31
Naphthalene
Concen: 44.528 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

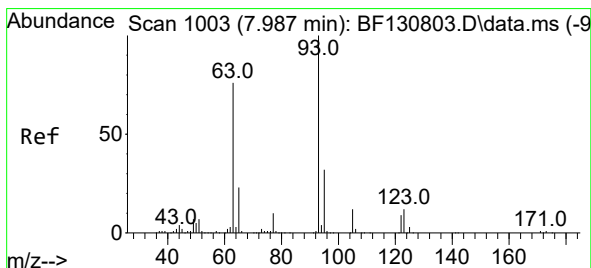
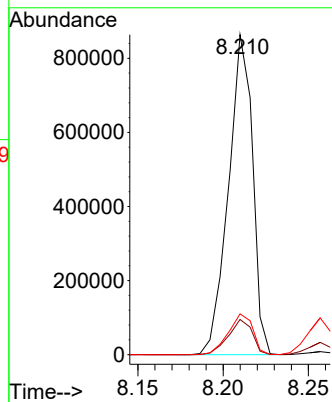
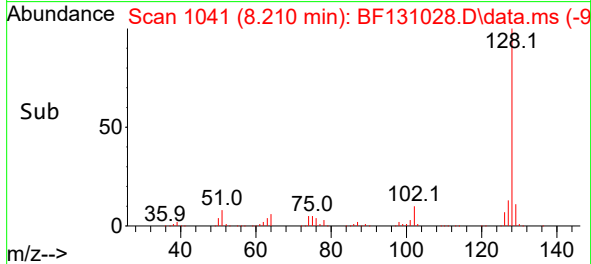
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



Tgt Ion:128 Resp: 85136
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.7 10.6 16.0

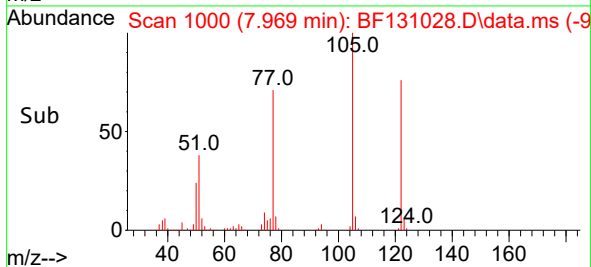
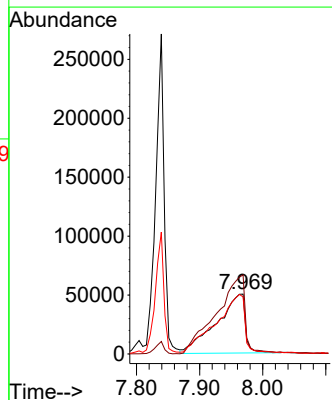
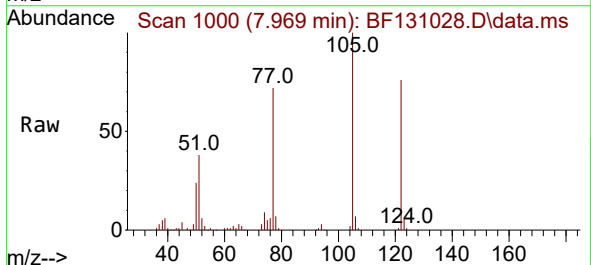
Manual Integrations
APPROVED

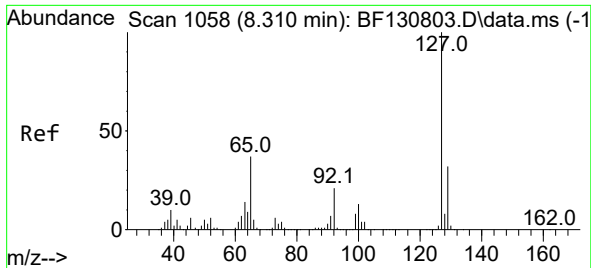
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#32
Benzoic acid
Concen: 43.870 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.012 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

Tgt Ion:122 Resp: 159704
Ion Ratio Lower Upper
122 100
105 132.1 114.5 154.5
77 95.3 89.8 129.8





#33

4-Chloroaniline

Concen: 15.222 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF131028.D

Acq: 05 Nov 2022 19:52

Instrument :

BNA_F

ClientSampleId :

20221111-COMP-10MSD

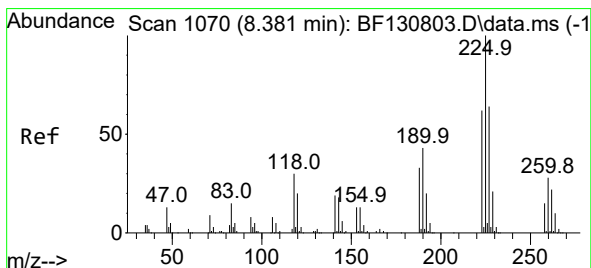
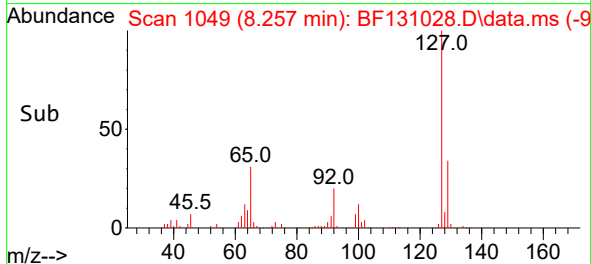
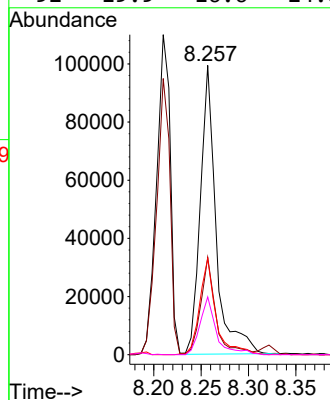
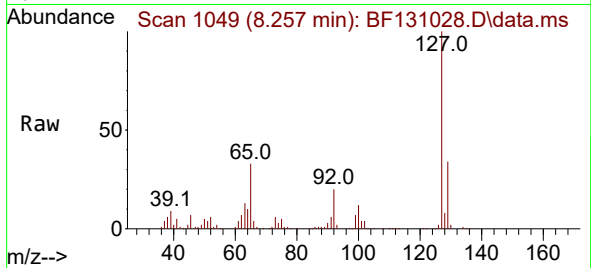
Tgt Ion:127	Resp: 115000
Ion Ratio	Lower Upper
127 100	
129 33.6	25.6 38.4
65 33.3	29.4 44.2
92 19.9	16.6 24.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/07/2022

Supervised By :Jagrut Upadhyay 11/07/2022



#34

Hexachlorobutadiene

Concen: 46.791 ng

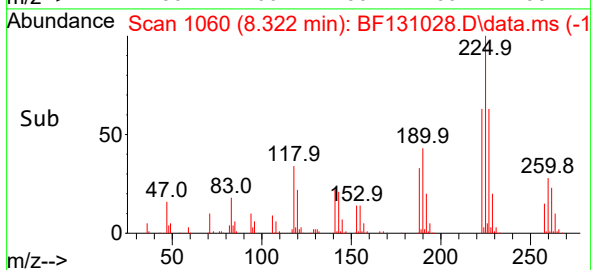
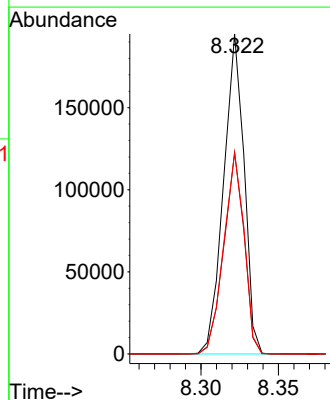
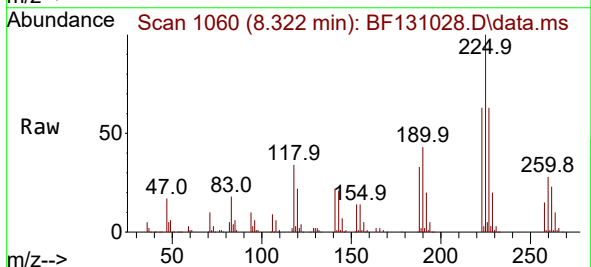
RT: 8.322 min Scan# 1060

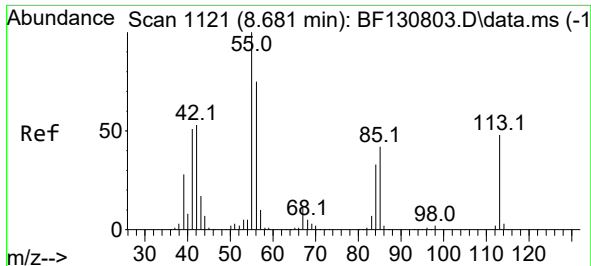
Delta R.T. -0.006 min

Lab File: BF131028.D

Acq: 05 Nov 2022 19:52

Tgt Ion:225	Resp: 179208
Ion Ratio	Lower Upper
225 100	
223 63.1	49.9 74.9
227 62.7	51.5 77.3





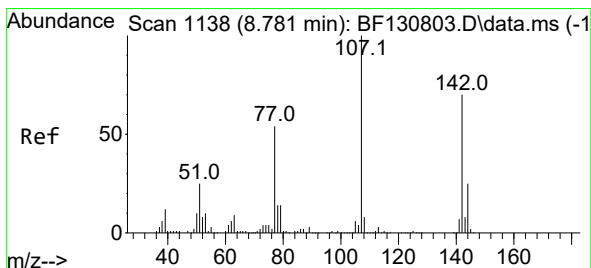
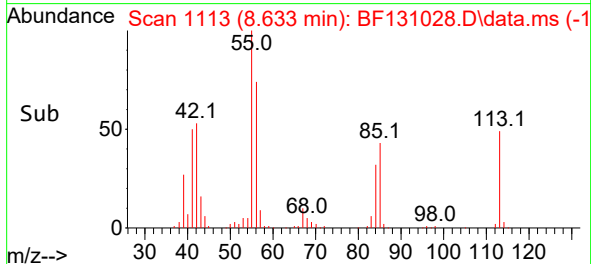
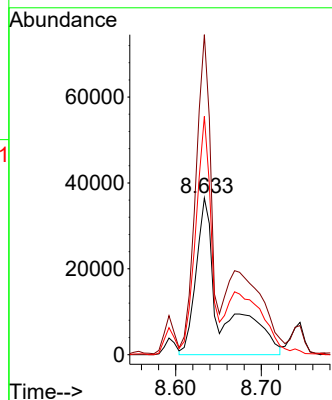
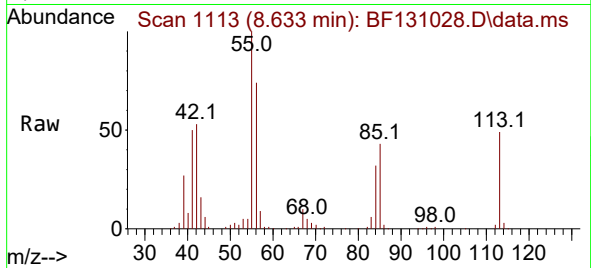
#35
Caprolactam
Concen: 43.853 ng m
RT: 8.633 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD

Tgt Ion:113 Resp: 75402
Ion Ratio Lower Upper
113 100
55 204.3 187.0 227.0
56 152.1 134.2 174.2

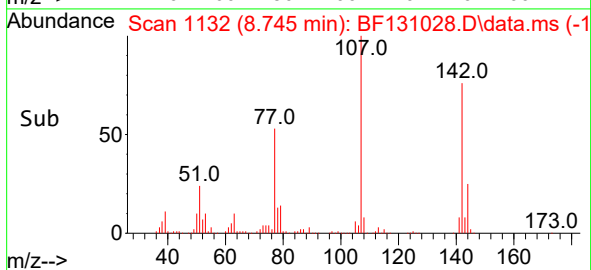
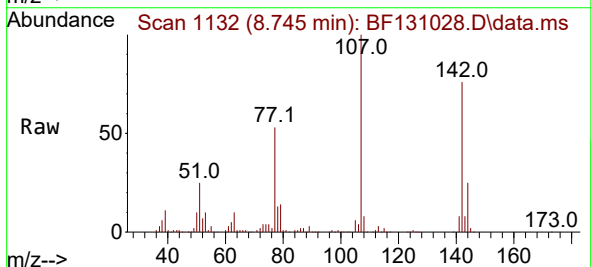
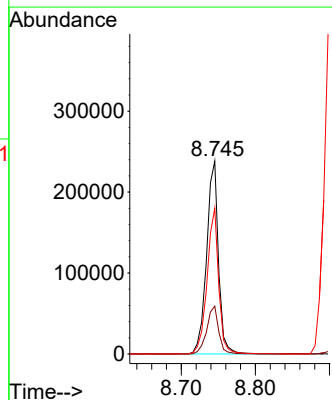
Manual Integrations
APPROVED

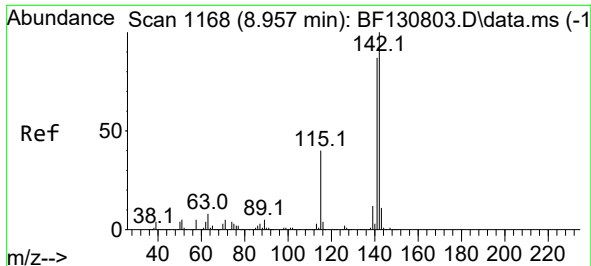
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#36
4-Chloro-3-methylphenol
Concen: 45.690 ng
RT: 8.745 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

Tgt Ion:107 Resp: 265919
Ion Ratio Lower Upper
107 100
144 24.8 19.8 29.8
142 75.6 56.0 84.0





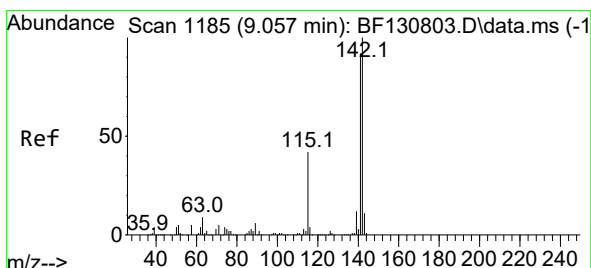
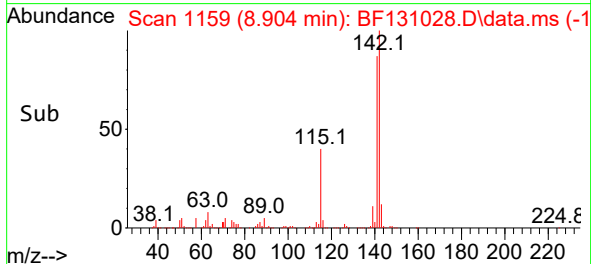
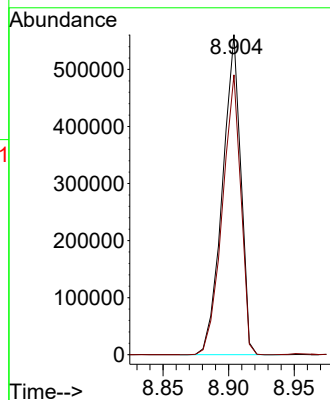
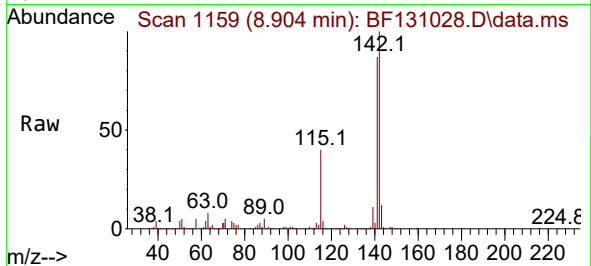
#37
2-Methylnaphthalene
Concen: 45.263 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

Instrument : BNA_F
ClientSampleId : 20221111-COMP-10MSD

Tgt Ion:142 Resp: 544362
Ion Ratio Lower Upper
142 100
141 87.5 69.9 104.9

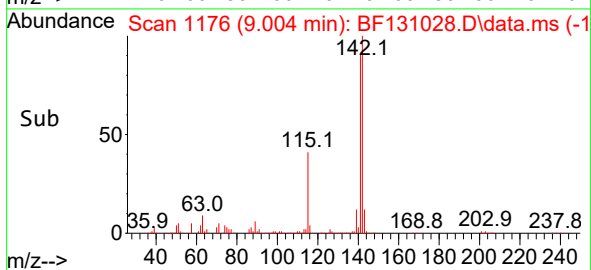
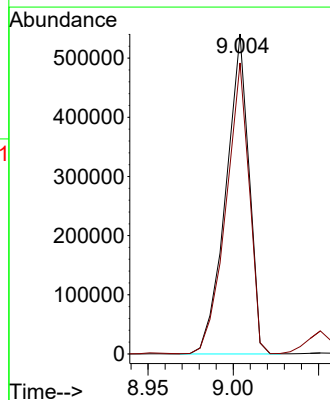
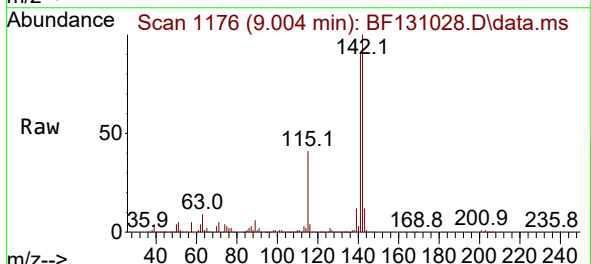
Manual Integrations
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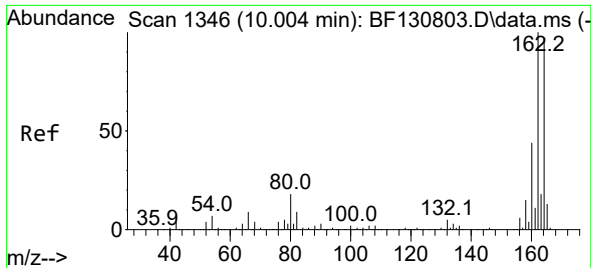
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#38
1-Methylnaphthalene
Concen: 43.588 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

Tgt Ion:142 Resp: 510154
Ion Ratio Lower Upper
142 100
141 91.0 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF131028.D

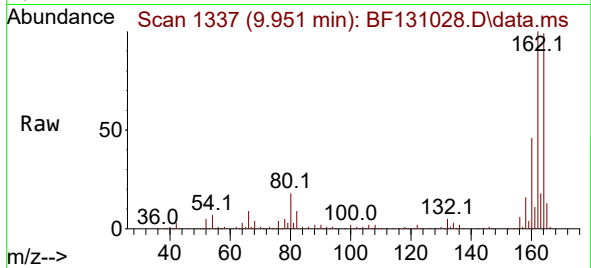
Acq: 05 Nov 2022 19:52

Instrument :

BNA_F

ClientSampleId :

20221111-COMP-10MSD



Tgt Ion:164 Resp: 17343

Ion Ratio Lower Upper

164 100

162 100.6 82.2 123.2

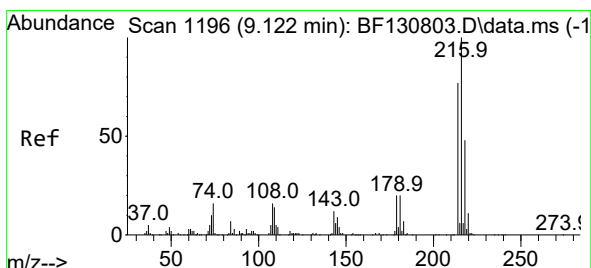
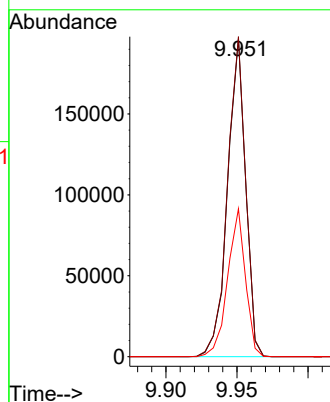
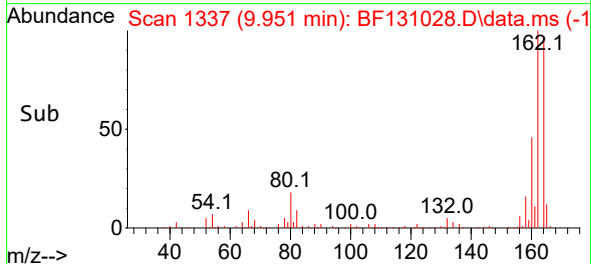
160 46.5 36.6 54.8

Manual Integrations

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Reviewed By :Christian Giraldo 11/07/2022

Supervised By :Jagrut Upadhyay 11/07/2022



#40

1,2,4,5-Tetrachlorobenzene

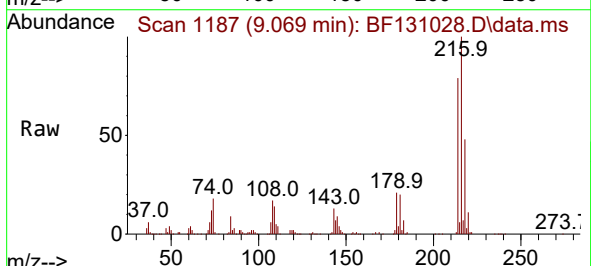
Concen: 56.384 ng

RT: 9.069 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF131028.D

Acq: 05 Nov 2022 19:52



Tgt Ion:216 Resp: 277311

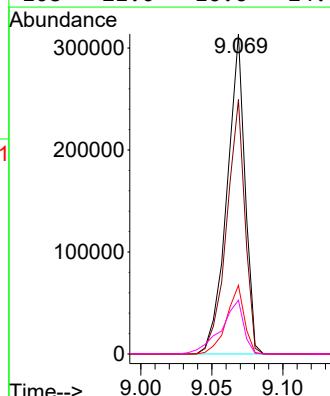
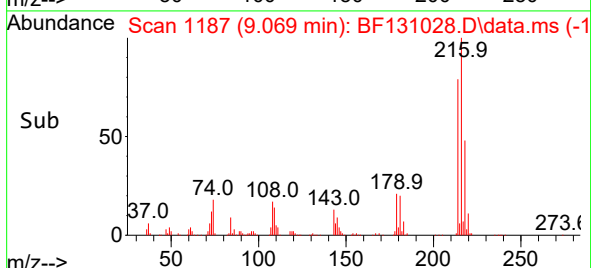
Ion Ratio Lower Upper

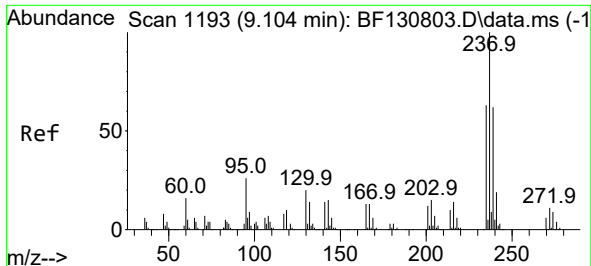
216 100

214 80.2 62.7 94.1

179 21.1 16.9 25.3

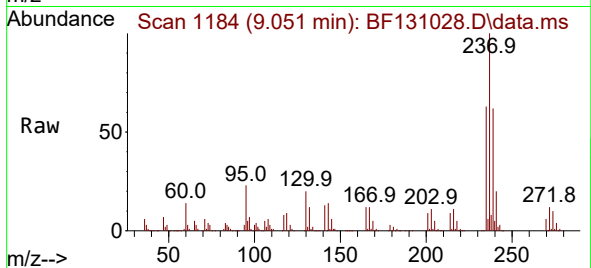
108 21.0 16.6 24.8





#41
Hexachlorocyclopentadiene
Concen: 119.636 ng
RT: 9.051 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

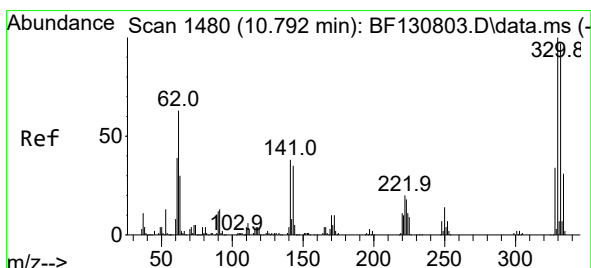
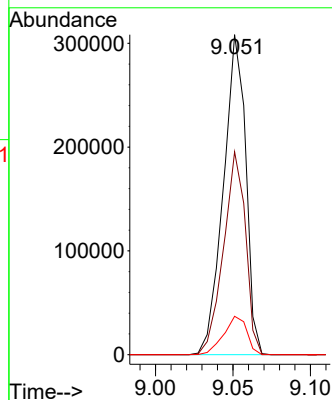
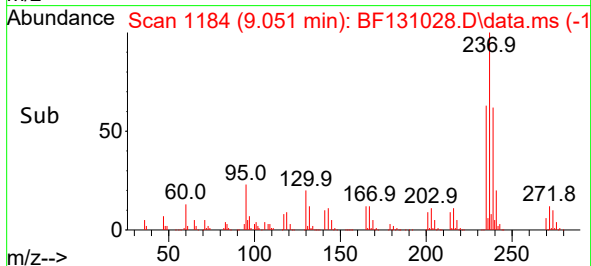
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



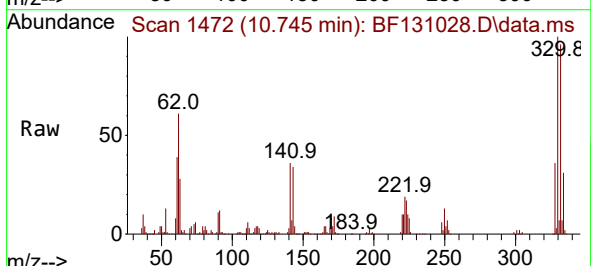
Tgt Ion: 237 Resp: 30916
Ion Ratio Lower Upper
237 100
235 63.4 43.5 83.5
272 12.0 0.0 31.4

Manual Integrations
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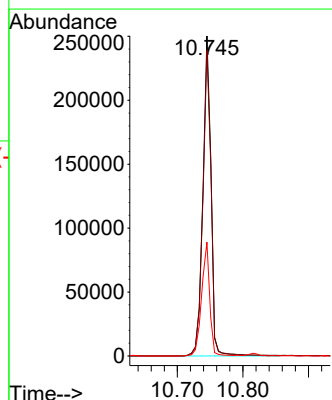
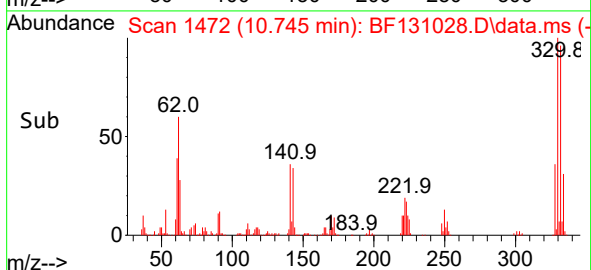
Reviewed By : Christian Giraldo 11/07/2022
Supervised By : Jagrut Upadhyay 11/07/2022

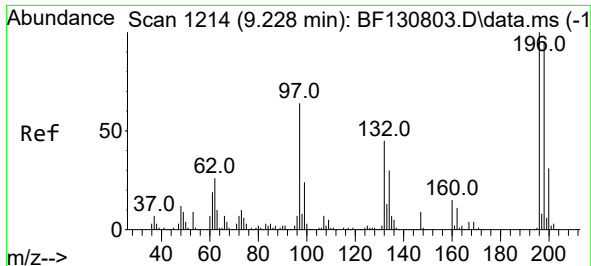


#42
2,4,6-Tribromophenol
Concen: 148.878 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



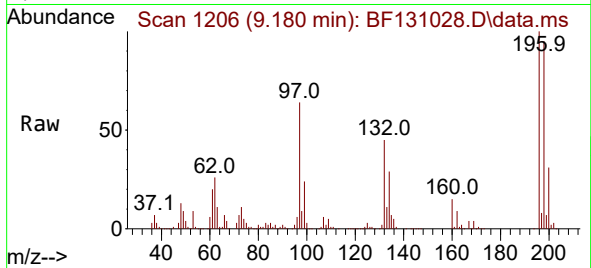
Tgt Ion: 330 Resp: 217356
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 35.3 31.4 47.0





#43
2,4,6-Trichlorophenol
Concen: 53.436 ng
RT: 9.180 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

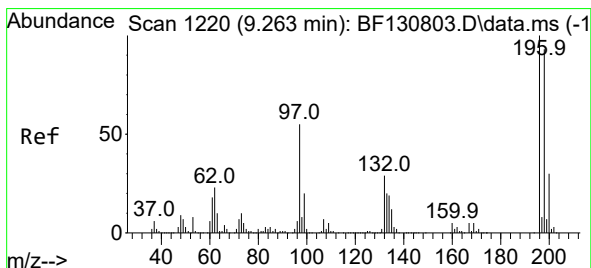
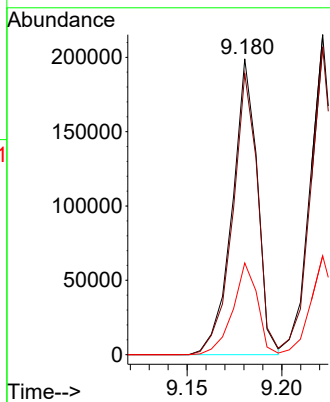
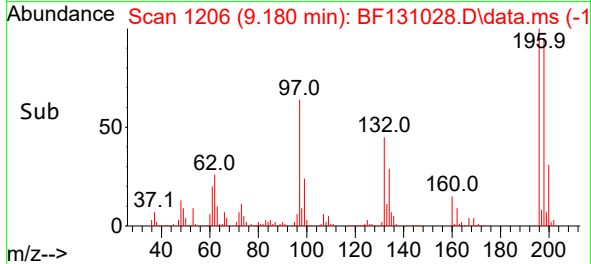
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



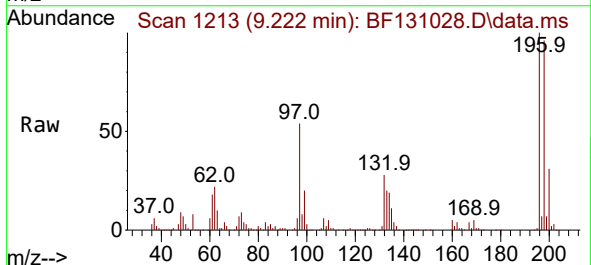
Tgt Ion:196 Resp: 182620
Ion Ratio Lower Upper
196 100
198 95.0 76.1 114.1
200 31.0 24.5 36.7

Manual Integrations
APPROVED

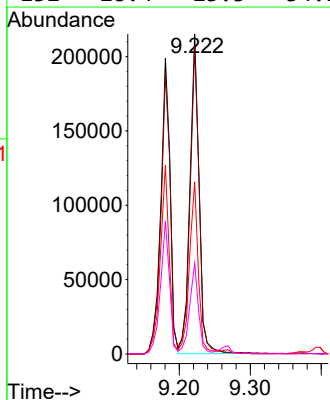
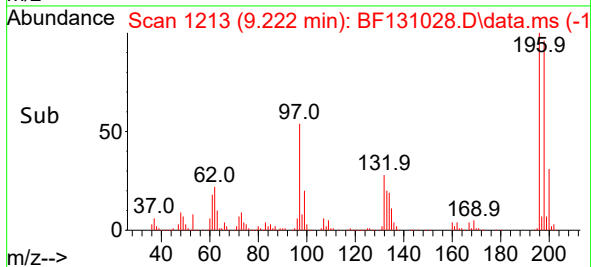
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

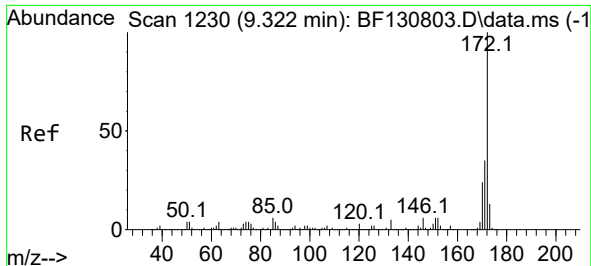


#44
2,4,5-Trichlorophenol
Concen: 53.173 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



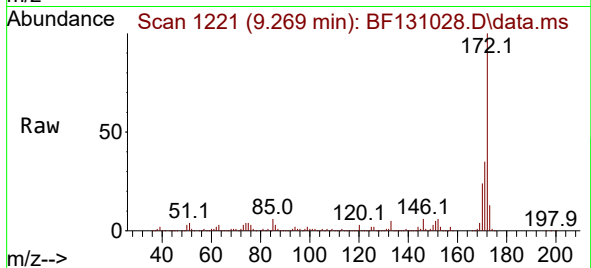
Tgt Ion:196 Resp: 194147
Ion Ratio Lower Upper
196 100
198 96.2 74.6 112.0
97 53.8 44.7 67.1
132 28.4 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 88.942 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

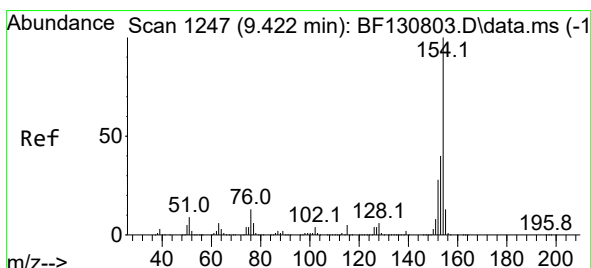
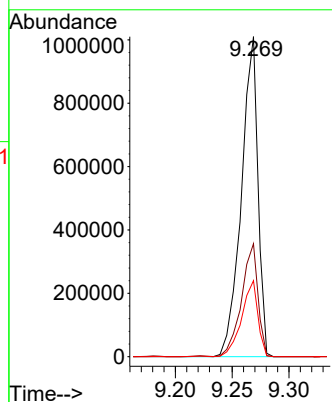
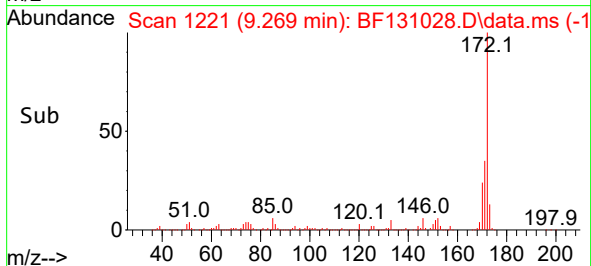
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



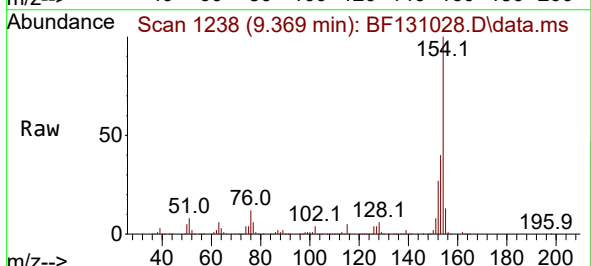
Tgt Ion:172 Resp: 1020280
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.7 19.0 28.4

Manual Integrations
APPROVED

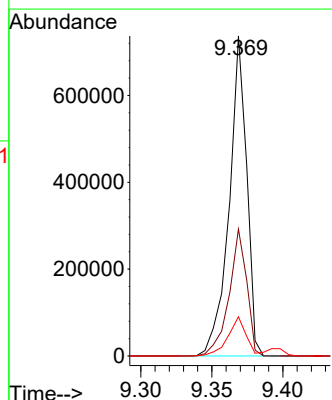
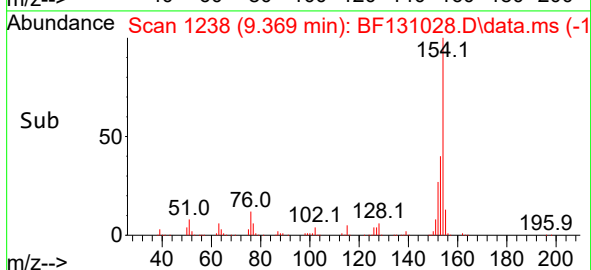
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

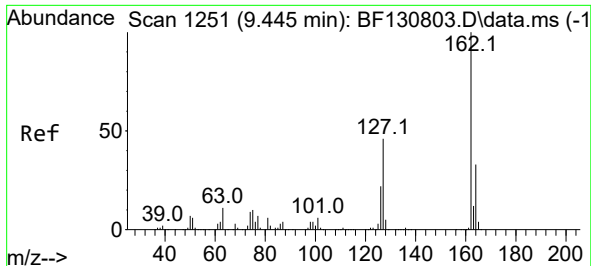


#46
1,1'-Biphenyl
Concen: 51.168 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



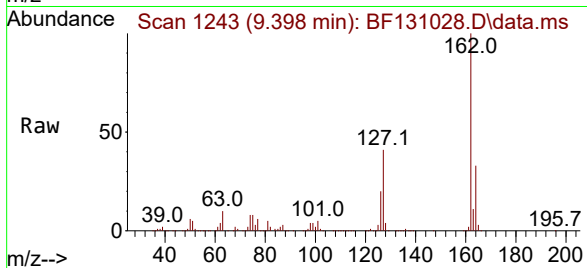
Tgt Ion:154 Resp: 632242
Ion Ratio Lower Upper
154 100
153 39.6 19.9 59.9
76 12.3 0.0 32.5





#47
2-Chloronaphthalene
Concen: 49.122 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

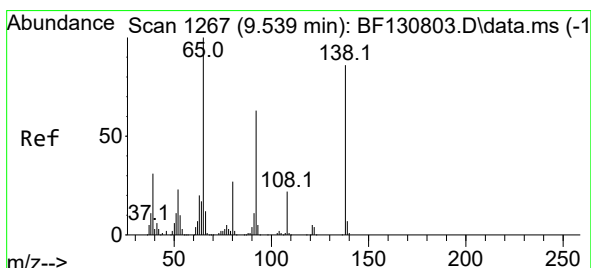
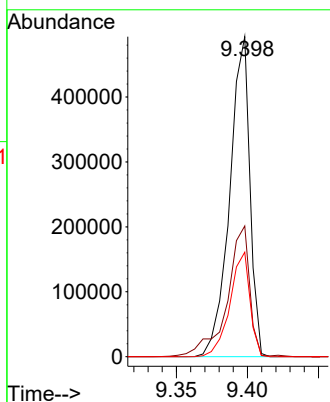
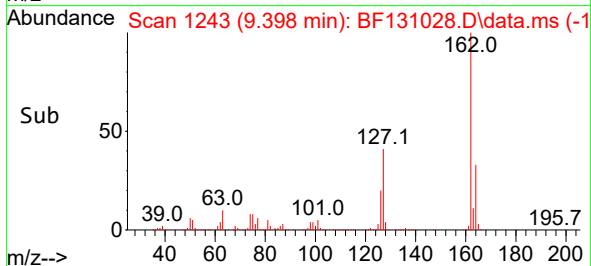
Instrument : BNA_F
ClientSampleId : 20221111-COMP-10MSD



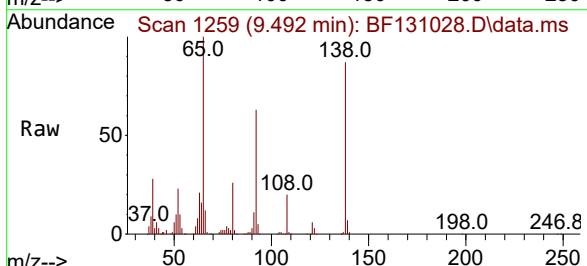
Tgt Ion:162 Resp: 48670
Ion Ratio Lower Upper
162 100
127 40.9 36.6 54.8
164 32.7 26.5 39.7

Manual Integrations
APPROVED

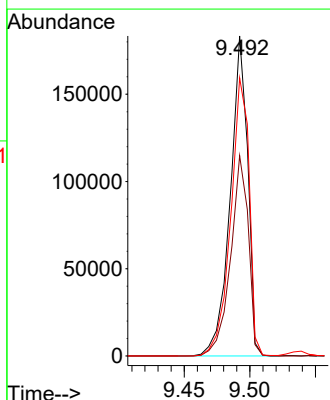
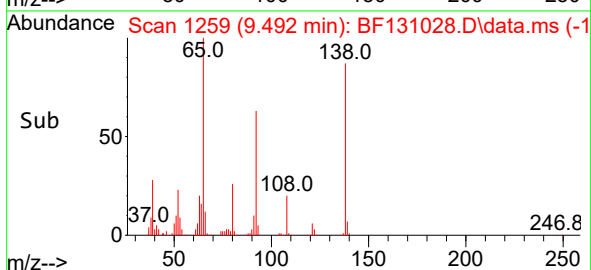
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

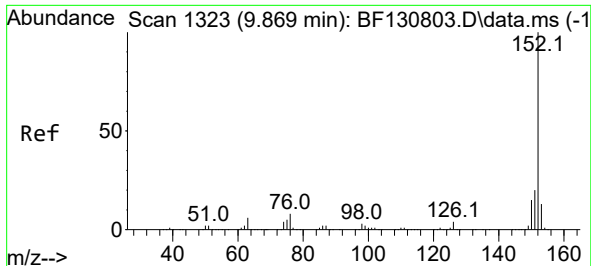


#48
2-Nitroaniline
Concen: 52.754 ng
RT: 9.492 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



Tgt Ion: 65 Resp: 169504
Ion Ratio Lower Upper
65 100
92 62.6 50.1 75.1
138 86.9 69.2 103.8





#49

Acenaphthylene

Concen: 45.410 ng

RT: 9.816 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131028.D

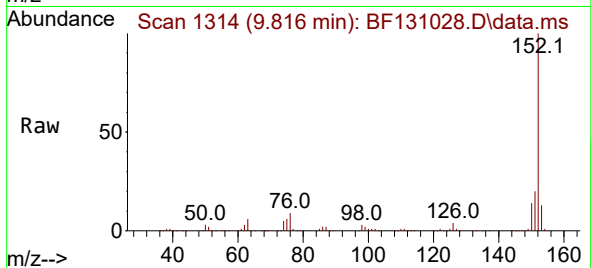
Acq: 05 Nov 2022 19:52

Instrument :

BNA_F

ClientSampleId :

20221111-COMP-10MSD



Tgt Ion:152 Resp: 710998

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.8

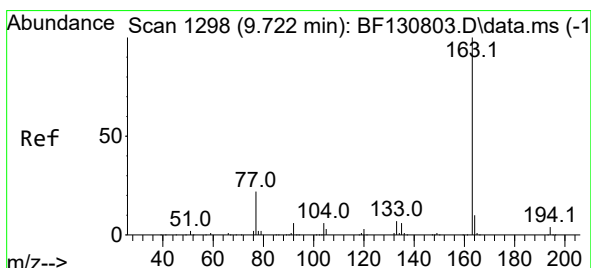
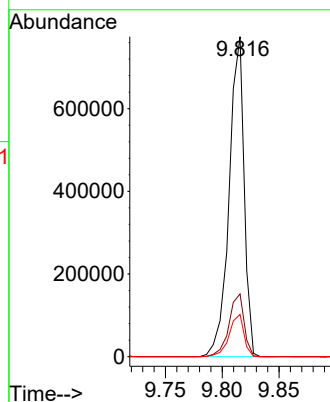
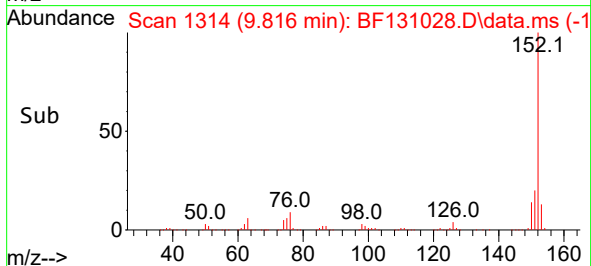
153 13.2 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/07/2022

Supervised By :Jagrut Upadhyay 11/07/2022



#50

Dimethylphthalate

Concen: 45.663 ng

RT: 9.675 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BF131028.D

Acq: 05 Nov 2022 19:52

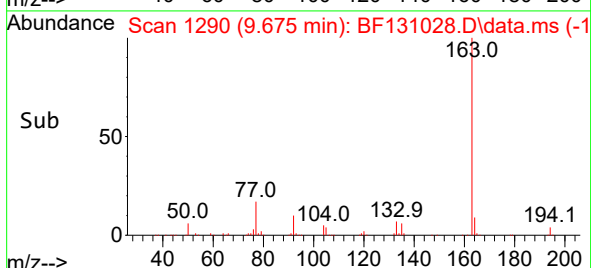
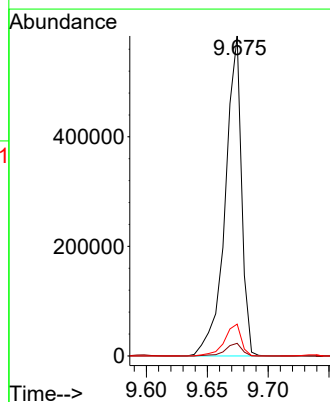
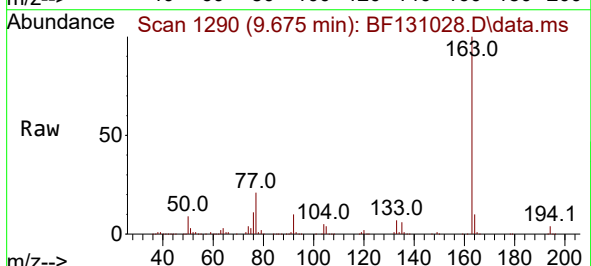
Tgt Ion:163 Resp: 543958

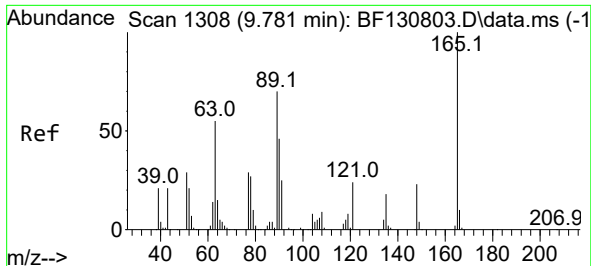
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

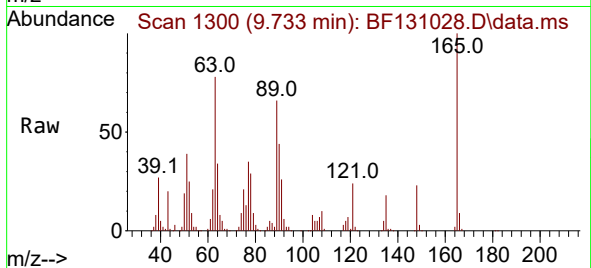
164 9.9 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 53.345 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

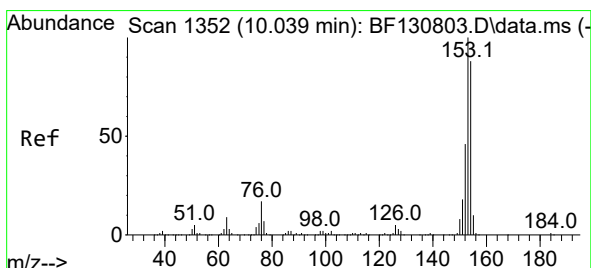
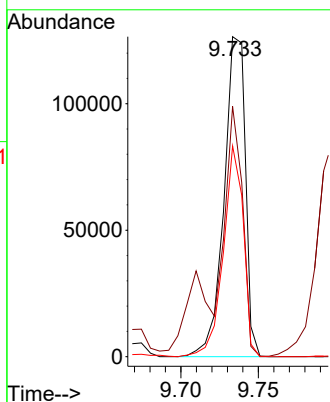
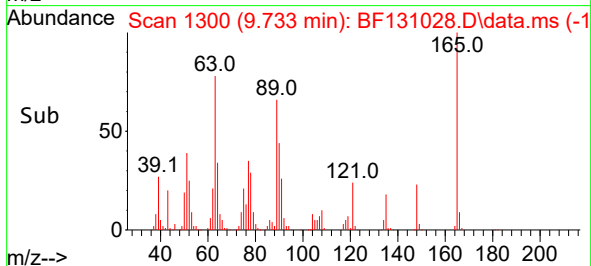
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



Tgt Ion:165 Resp: 12154
Ion Ratio Lower Upper
165 100
63 78.2 61.8 92.8
89 65.9 56.2 84.4

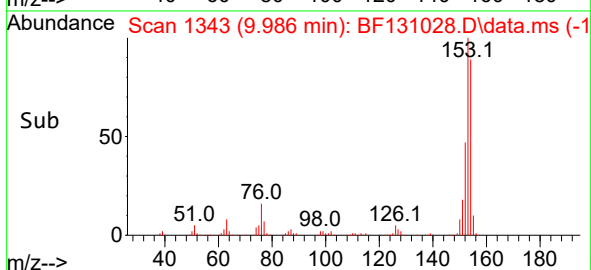
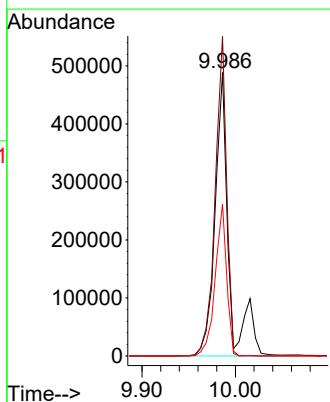
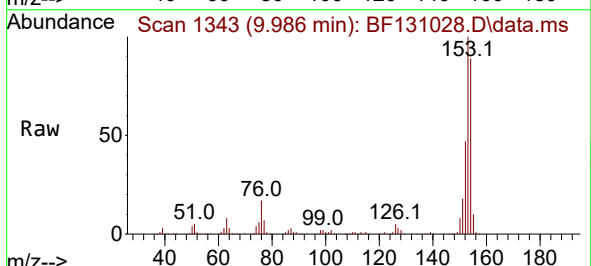
Manual Integrations
APPROVED

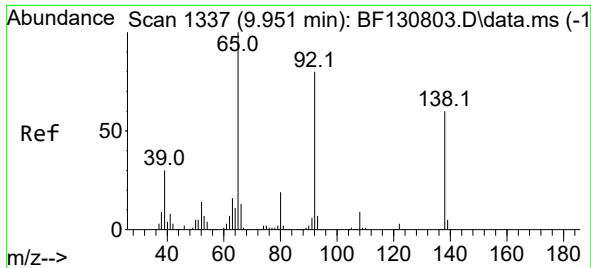
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#52
Acenaphthene
Concen: 51.907 ng m
RT: 9.986 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

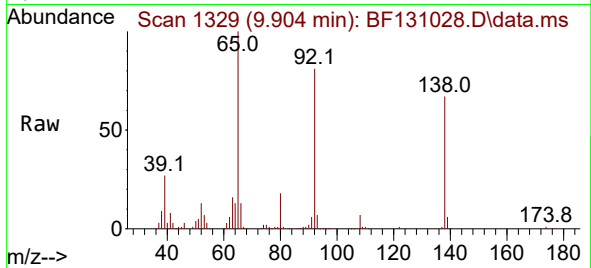
Tgt Ion:154 Resp: 502547
Ion Ratio Lower Upper
154 100
153 112.9 90.5 135.7
152 53.6 42.0 63.0





#53
3-Nitroaniline
Concen: 25.962 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

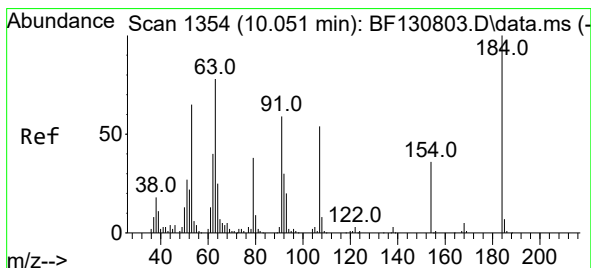
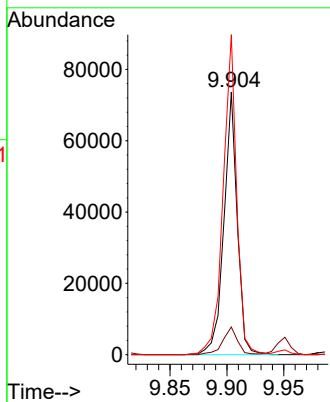
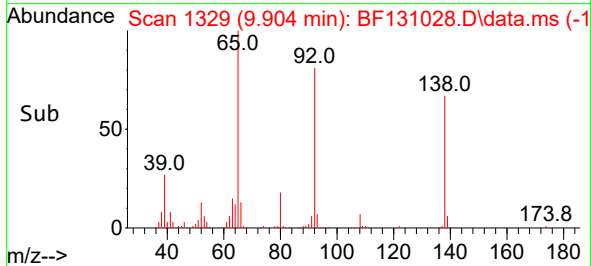
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



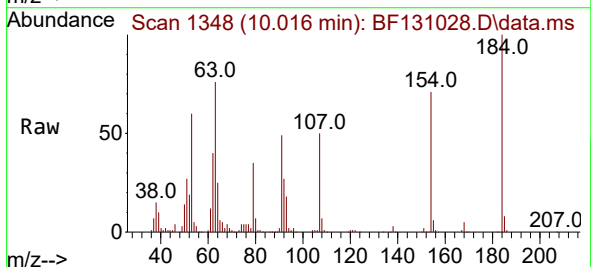
Tgt Ion:138 Resp: 60239
Ion Ratio Lower Upper
138 100
108 10.5 12.7 19.1
92 121.8 107.8 161.8

Manual Integrations
APPROVED

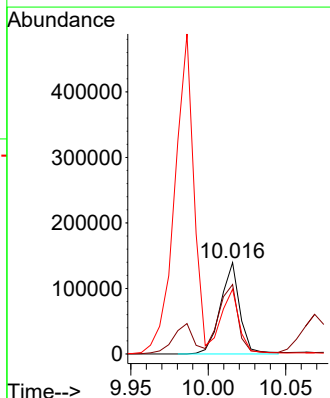
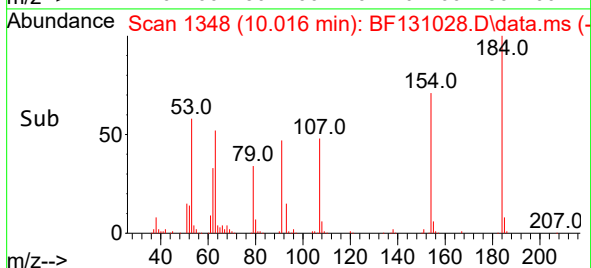
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

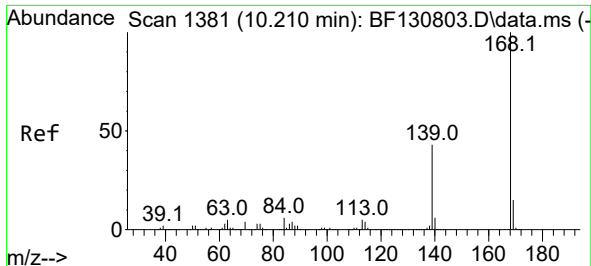


#54
2,4-Dinitrophenol
Concen: 99.773 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



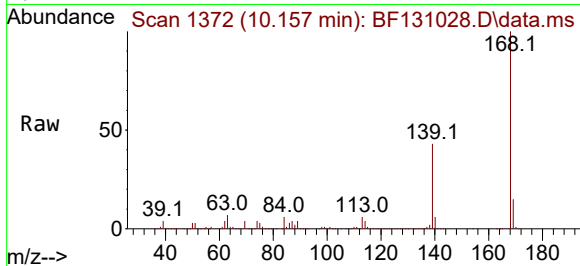
Tgt Ion:184 Resp: 120872
Ion Ratio Lower Upper
184 100
63 75.9 66.7 100.1
154 70.9 62.2 93.2





#55
Dibenzenofuran
Concen: 44.709 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

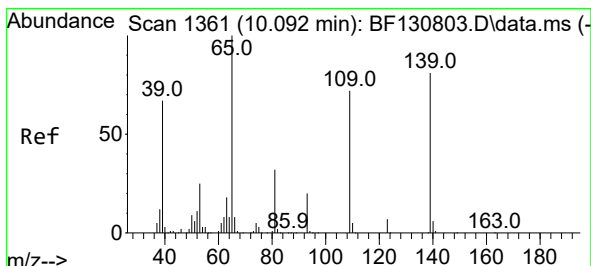
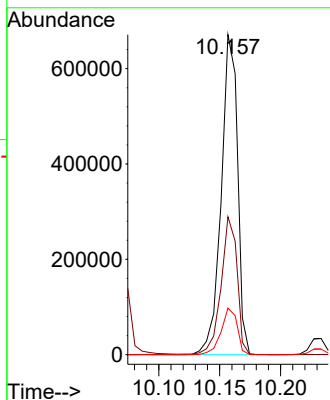
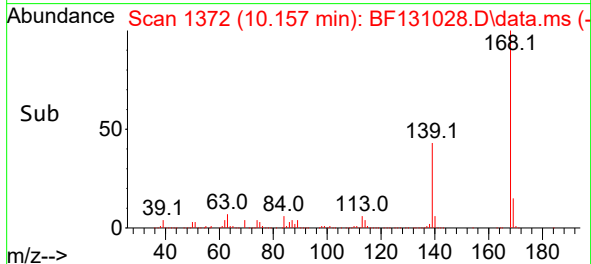
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



Tgt Ion:168 Resp: 62741
Ion Ratio Lower Upper
168 100
139 43.1 34.3 51.5
169 14.6 11.9 17.9

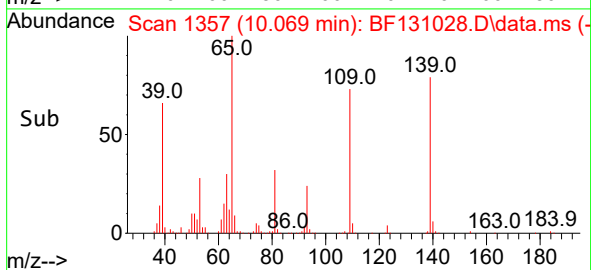
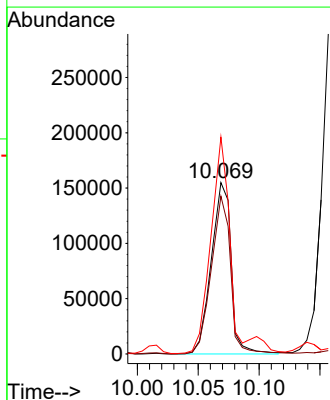
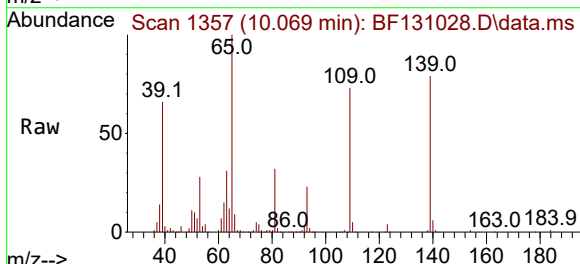
Manual Integrations
APPROVED

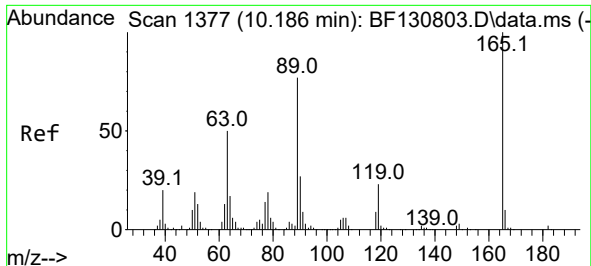
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#56
4-Nitrophenol
Concen: 95.623 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

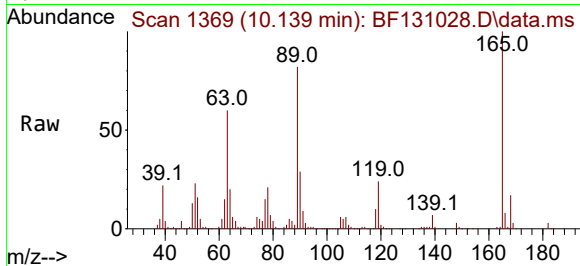
Tgt Ion:139 Resp: 175677
Ion Ratio Lower Upper
139 100
109 92.1 69.3 109.3
65 126.5 105.3 145.3





#57
2,4-Dinitrotoluene
Concen: 54.702 ng
RT: 10.139 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

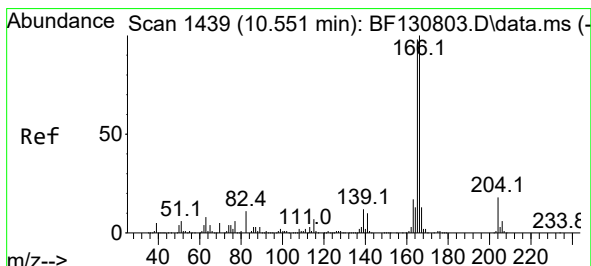
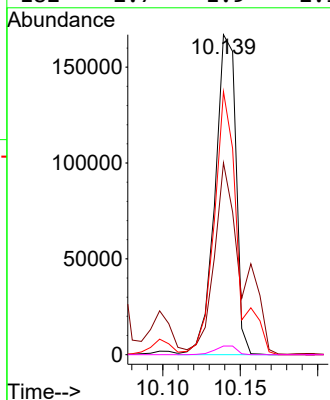
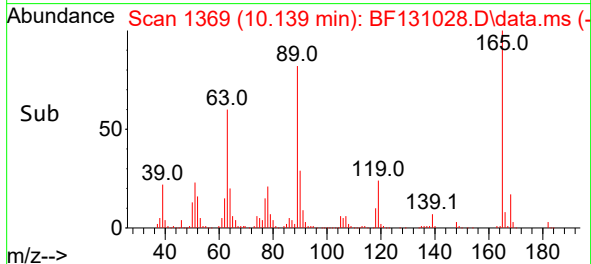
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



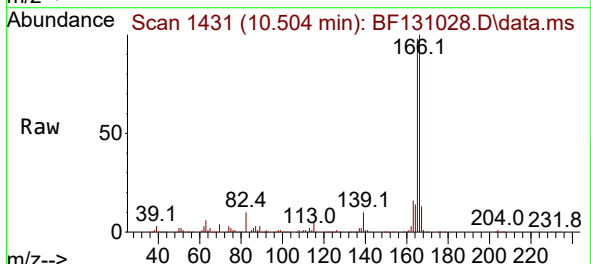
Tgt Ion:165 Resp: 15723
Ion Ratio Lower Upper
165 100
63 60.0 39.8 59.6
89 82.2 61.9 92.9
182 2.7 1.9 2.9

Manual Integrations
APPROVED

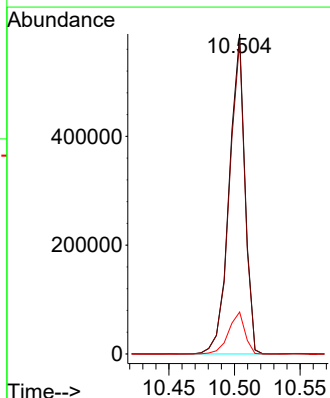
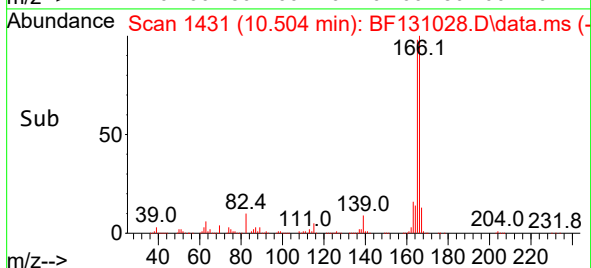
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

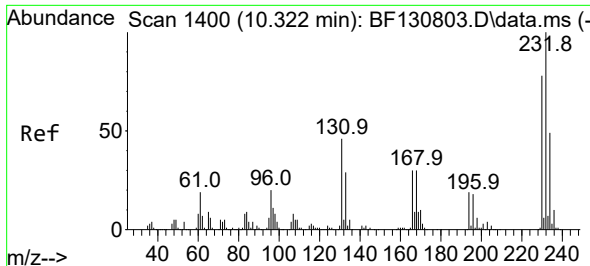


#58
Fluorene
Concen: 44.350 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



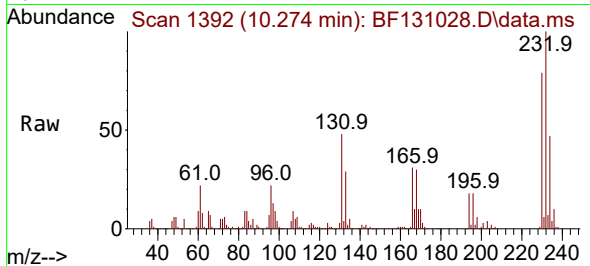
Tgt Ion:166 Resp: 490065
Ion Ratio Lower Upper
166 100
165 97.9 78.1 117.1
167 13.1 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.449 ng
RT: 10.274 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

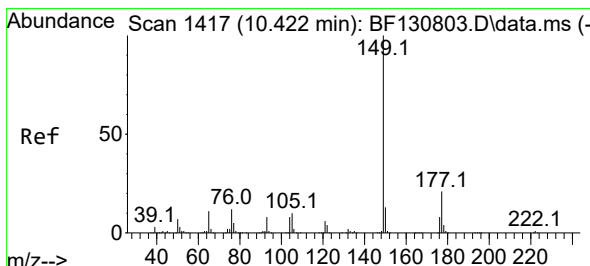
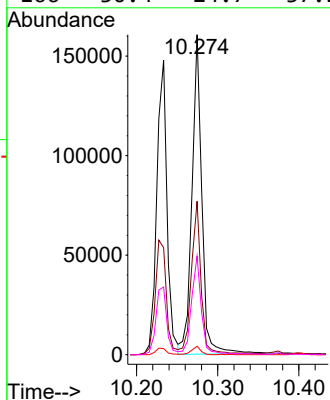
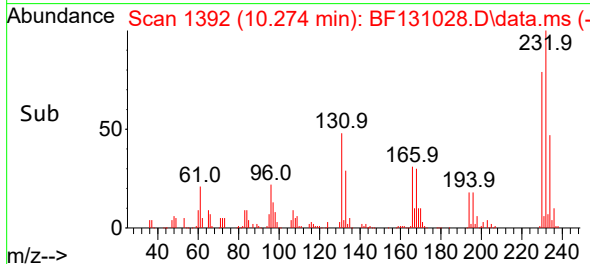
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



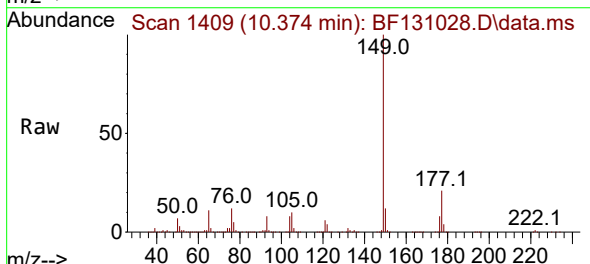
Tgt Ion:232 Resp: 136810
Ion Ratio Lower Upper
232 100
131 46.7 39.6 59.4
130 2.5 2.1 3.1
166 30.4 24.7 37.1

Manual Integrations
APPROVED

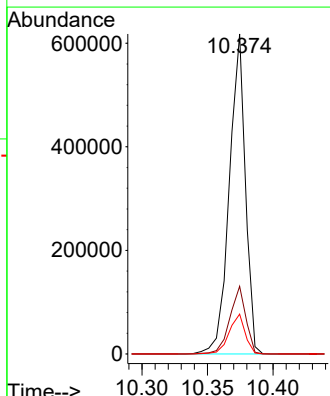
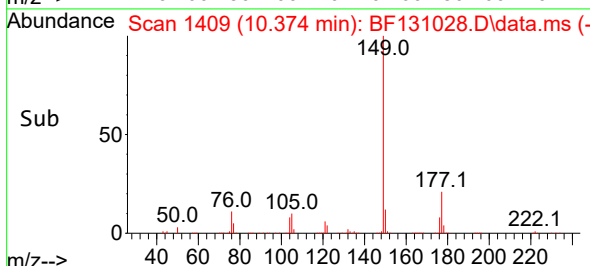
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

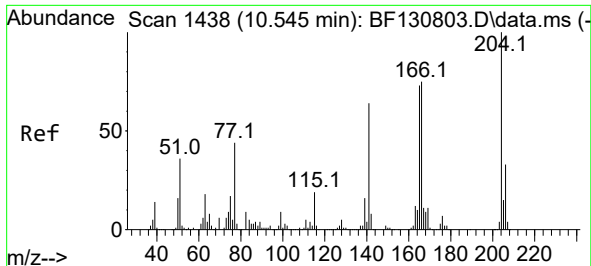


#60
Diethylphthalate
Concen: 44.864 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



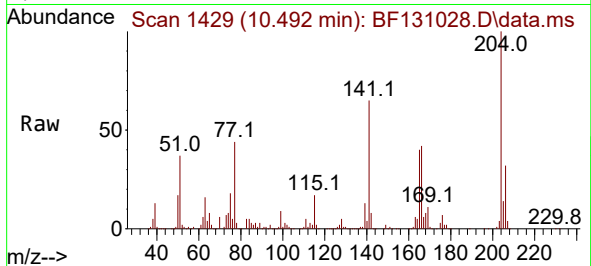
Tgt Ion:149 Resp: 525604
Ion Ratio Lower Upper
149 100
177 21.1 17.2 25.8
150 12.5 10.8 16.2





#61
4-Chlorophenyl-phenylether
Concen: 46.283 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

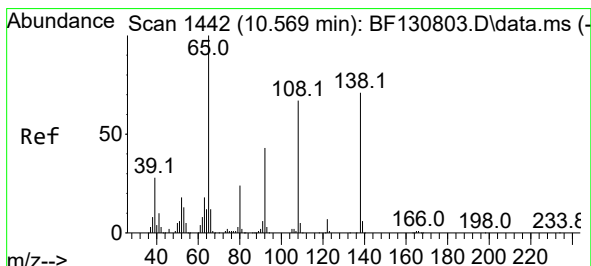
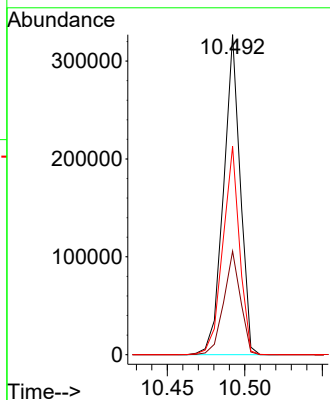
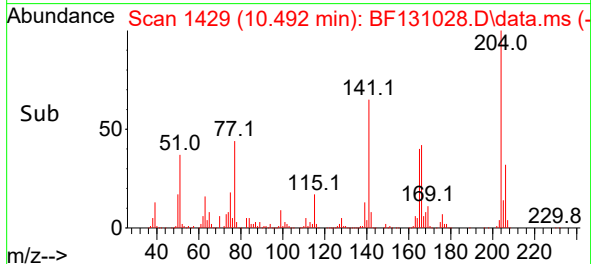
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



Tgt Ion:204 Resp: 244664
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 65.1 51.3 76.9

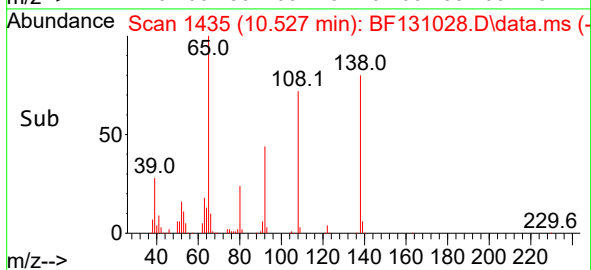
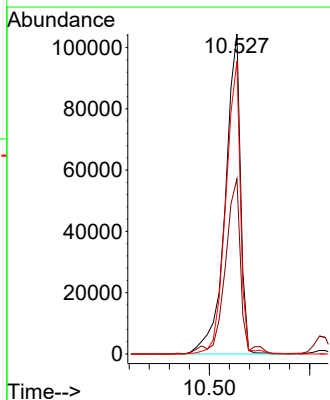
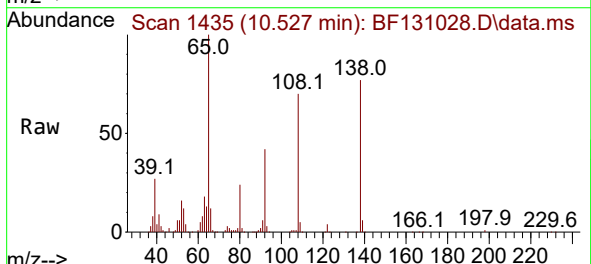
Manual Integrations
APPROVED

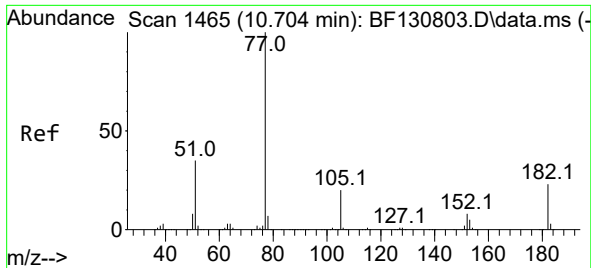
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#62
4-Nitroaniline
Concen: 46.841 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

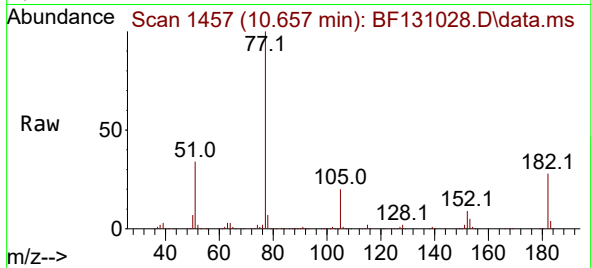
Tgt Ion:138 Resp: 110052
Ion Ratio Lower Upper
138 100
92 54.7 40.6 80.6
108 91.5 74.7 114.7





#63
Azobenzene
Concen: 44.351 ng
RT: 10.657 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

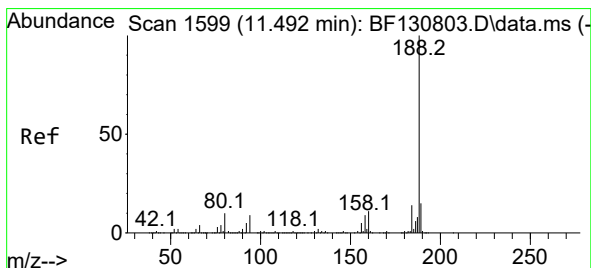
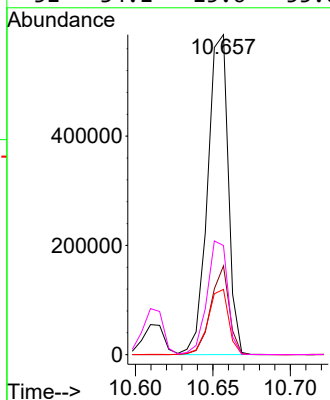
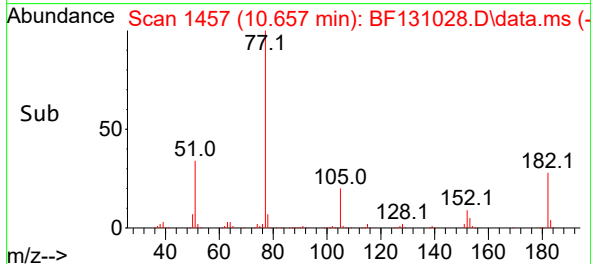
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



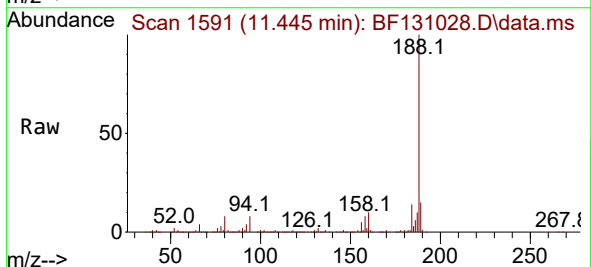
Tgt Ion: 77 Resp: 54239
Ion Ratio Lower Upper
77 100
182 27.7 2.6 42.6
105 20.4 0.0 40.0
51 34.1 15.6 55.6

Manual Integrations
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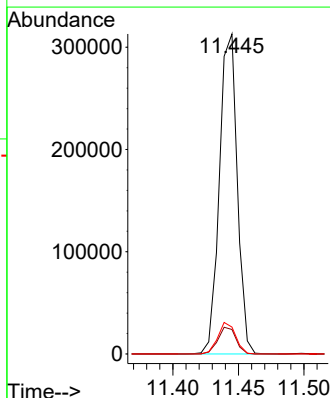
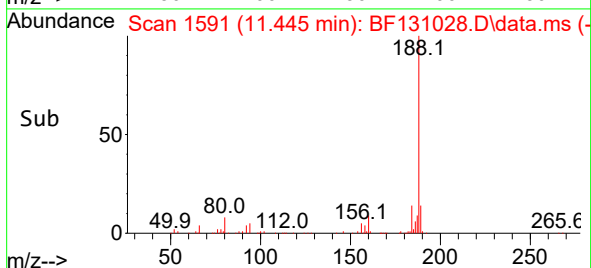
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

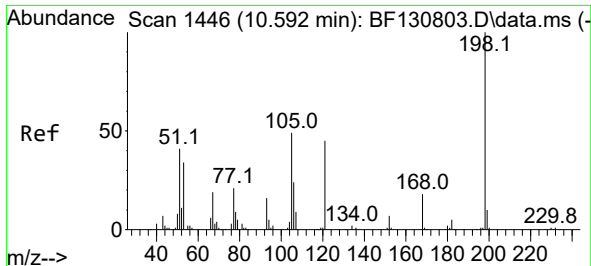


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



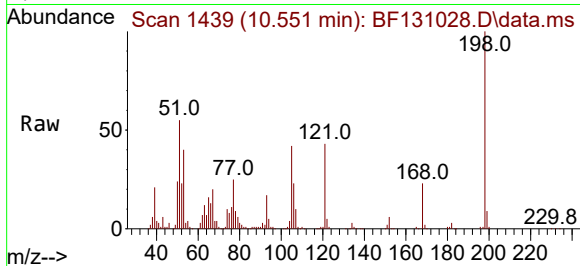
Tgt Ion:188 Resp: 296208
Ion Ratio Lower Upper
188 100
94 7.6 7.4 11.2
80 8.4 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 63.740 ng
RT: 10.551 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

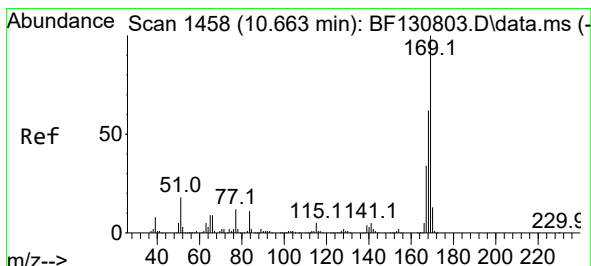
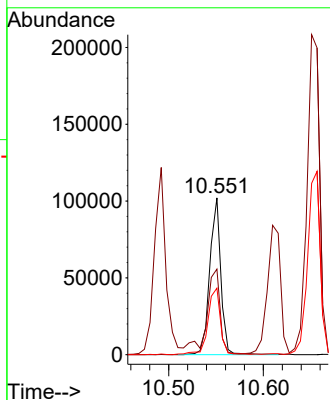
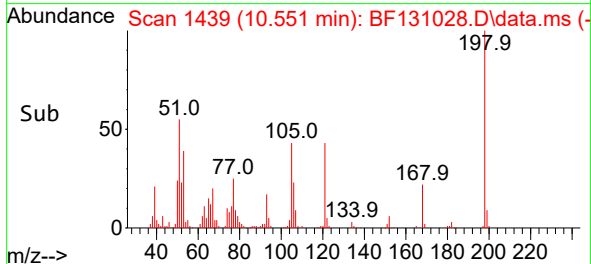
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



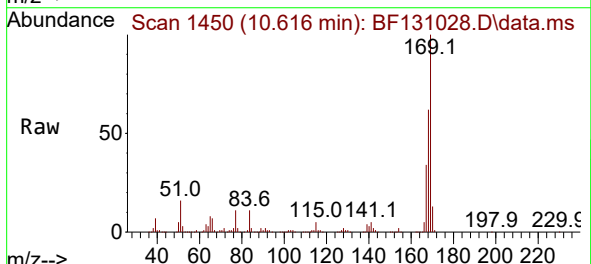
Tgt Ion:198 Resp: 82761
Ion Ratio Lower Upper
198 100
51 54.6 39.0 79.0
105 42.4 30.6 70.6

Manual Integrations
APPROVED

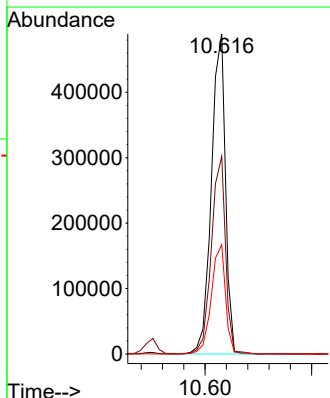
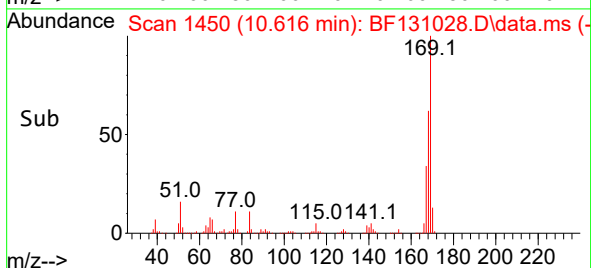
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

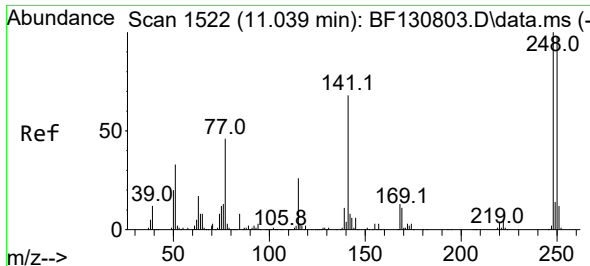


#66
n-Nitrosodiphenylamine
Concen: 48.269 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



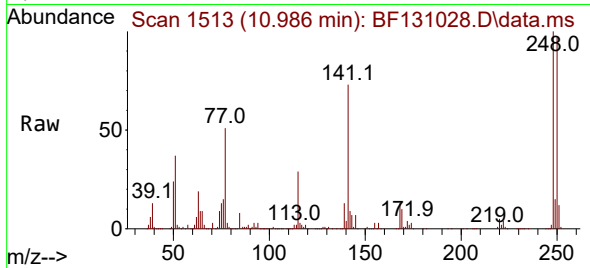
Tgt Ion:169 Resp: 445972
Ion Ratio Lower Upper
169 100
168 61.7 49.4 74.0
167 34.1 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 51.976 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

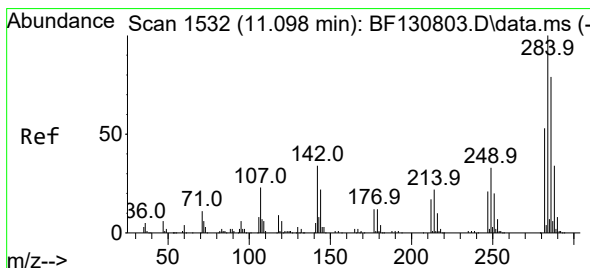
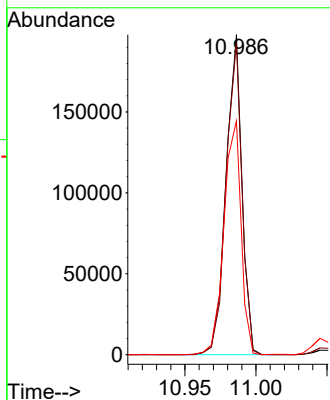
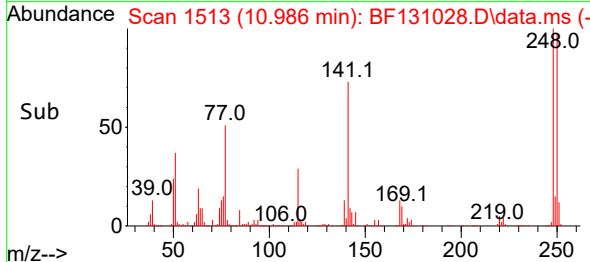
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



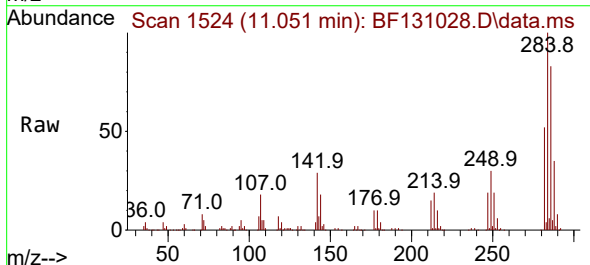
Tgt Ion:248 Resp: 154829
Ion Ratio Lower Upper
248 100
250 97.4 78.6 117.8
141 73.1 54.2 81.4

Manual Integrations
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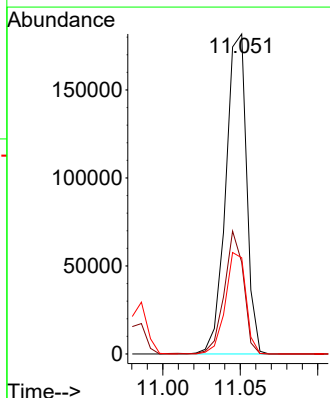
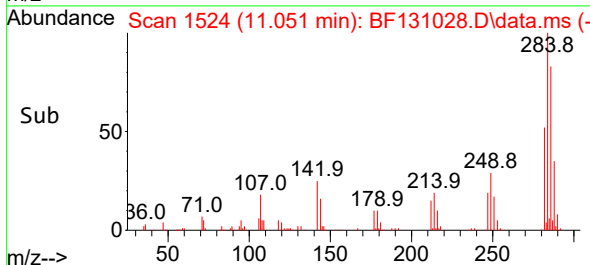
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

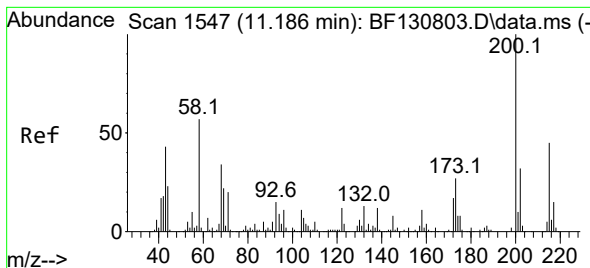


#68
Hexachlorobenzene
Concen: 51.705 ng
RT: 11.051 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



Tgt Ion:284 Resp: 169697
Ion Ratio Lower Upper
284 100
142 28.6 27.1 40.7
249 30.0 26.6 39.8





#69

Atrazine

Concen: 54.239 ng

RT: 11.139 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131028.D

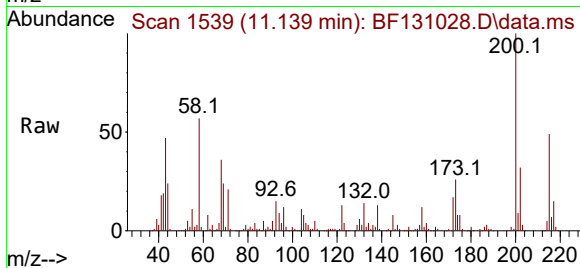
Acq: 05 Nov 2022 19:52

Instrument :

BNA_F

ClientSampleId :

20221111-COMP-10MSD



Tgt Ion:200 Resp: 144720

Ion Ratio Lower Upper

200 100

173 26.0 7.1 47.1

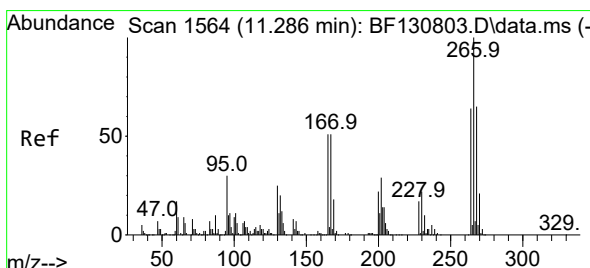
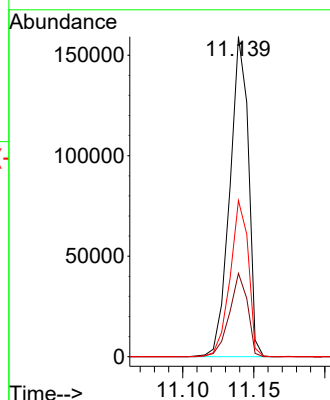
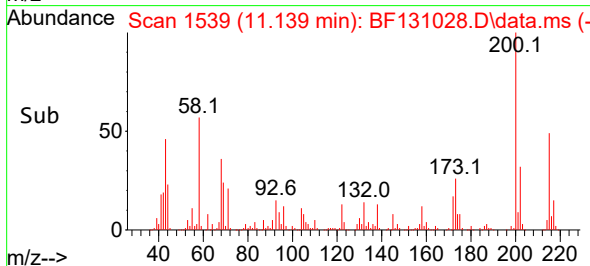
215 48.8 25.4 65.4

Manual Integrations

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#70

Pentachlorophenol

Concen: 83.516 ng

RT: 11.245 min Scan# 1557

Delta R.T. -0.000 min

Lab File: BF131028.D

Acq: 05 Nov 2022 19:52

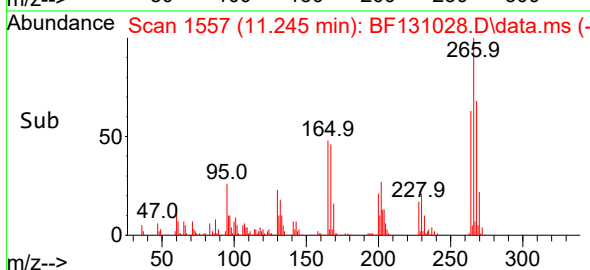
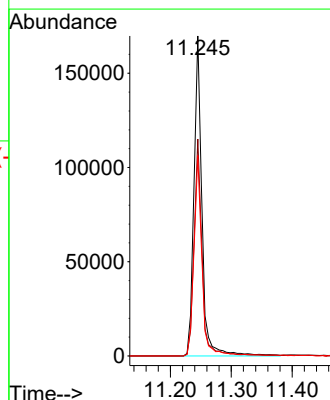
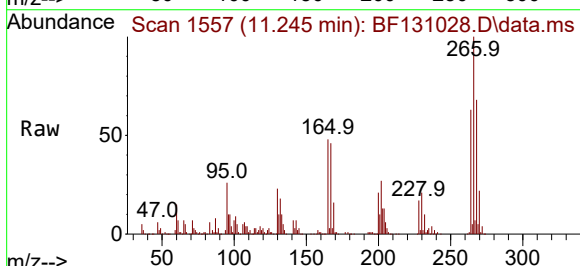
Tgt Ion:266 Resp: 156412

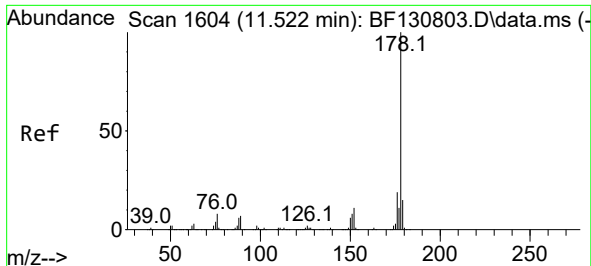
Ion Ratio Lower Upper

266 100

268 67.8 51.8 77.6

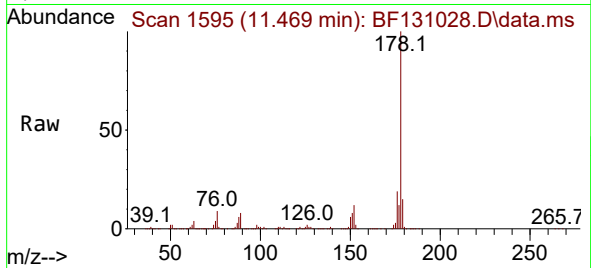
264 62.6 51.6 77.4





#71
Phenanthrene
Concen: 44.834 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

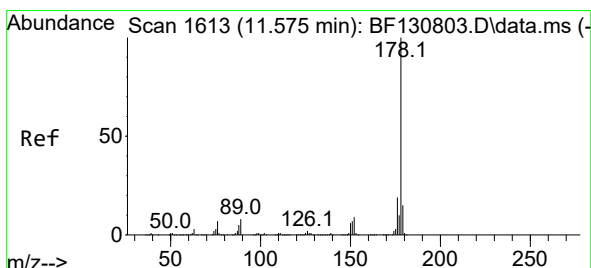
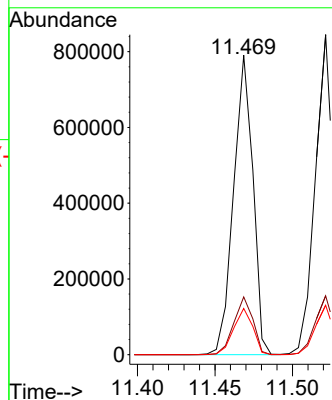
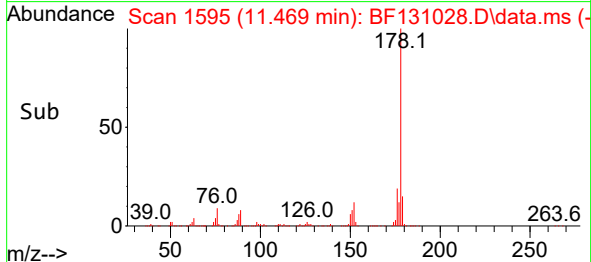
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



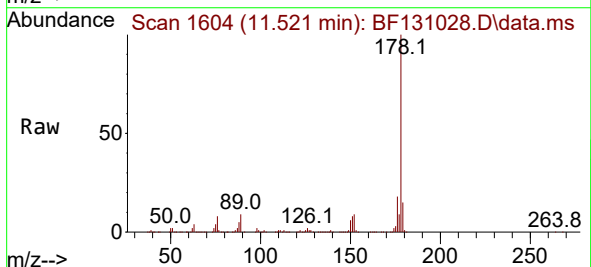
Tgt Ion:178 Resp: 685430
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.4 12.2 18.2

Manual Integrations
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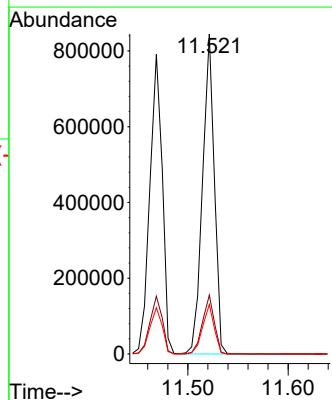
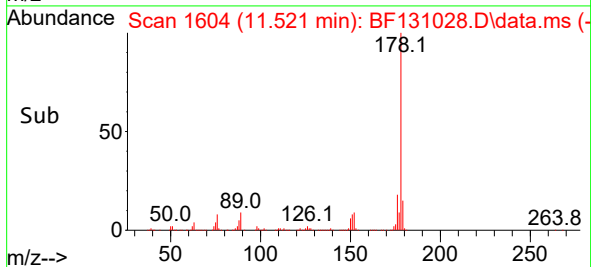
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

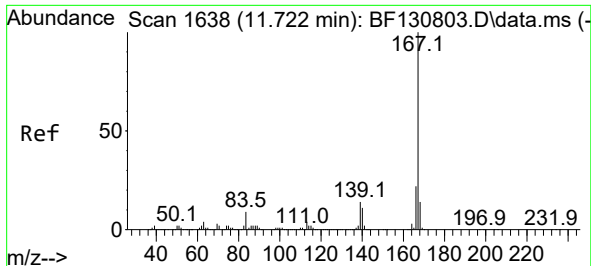


#72
Anthracene
Concen: 46.156 ng
RT: 11.521 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



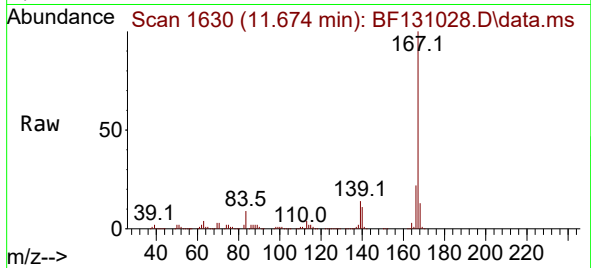
Tgt Ion:178 Resp: 696001
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 15.5 12.2 18.4





#73
Carbazole
Concen: 44.017 ng
RT: 11.674 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

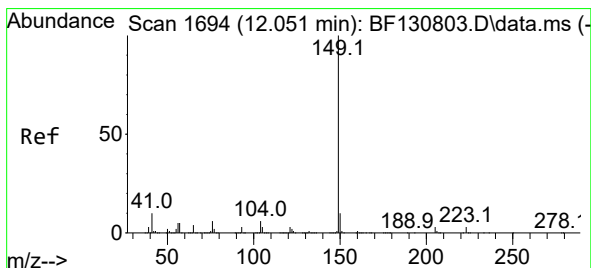
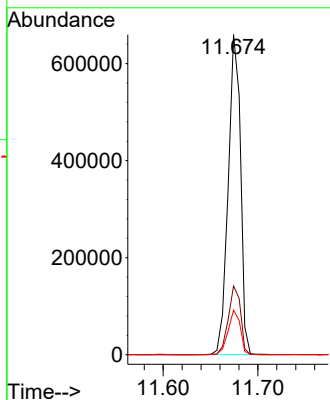
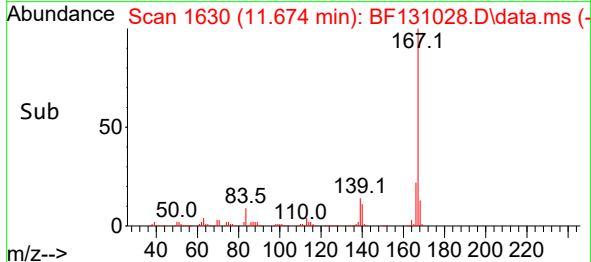
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



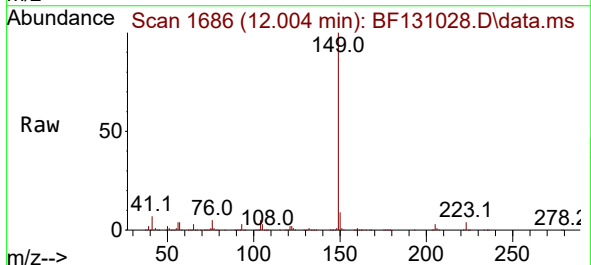
Tgt Ion:167 Resp: 594400
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.0
139 14.0 11.3 16.9

Manual Integrations
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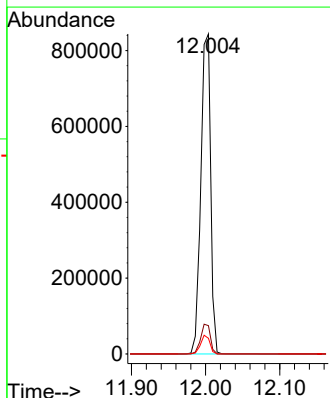
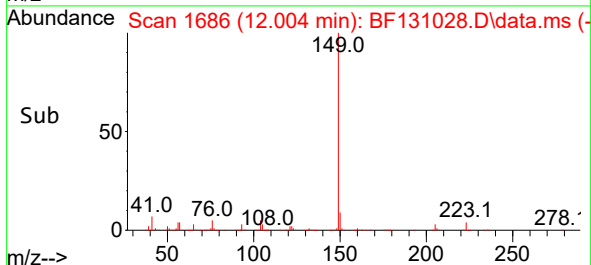
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

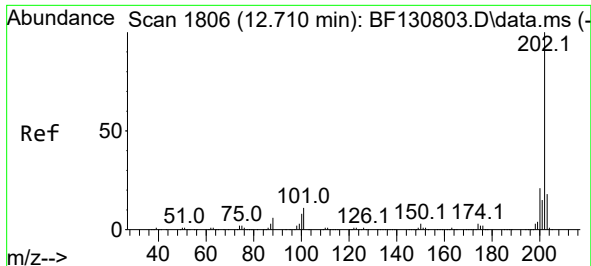


#74
Di-n-butylphthalate
Concen: 47.259 ng
RT: 12.004 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



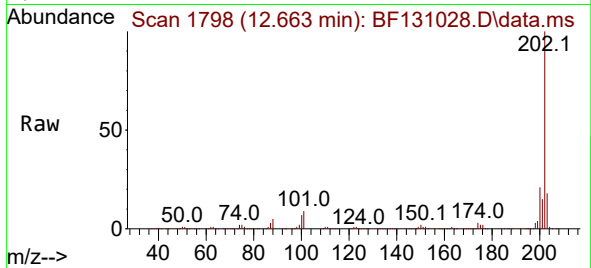
Tgt Ion:149 Resp: 775072
Ion Ratio Lower Upper
149 100
150 8.9 7.8 11.6
104 4.9 4.6 6.8





#75
Fluoranthene
Concen: 41.855 ng
RT: 12.663 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

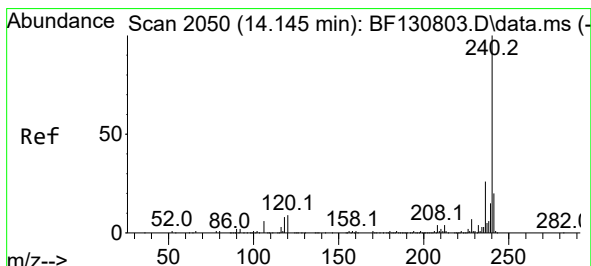
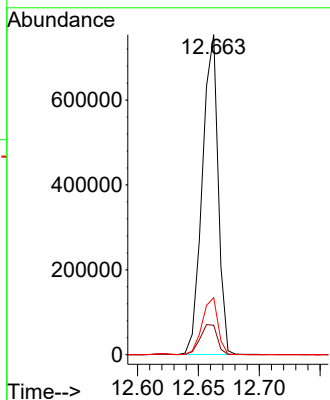
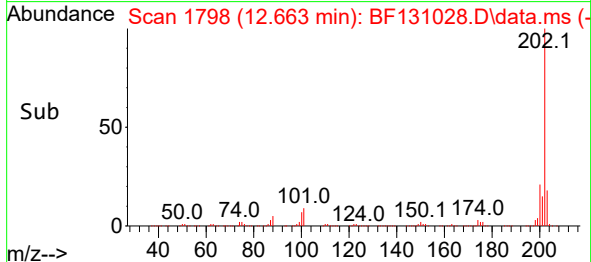
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



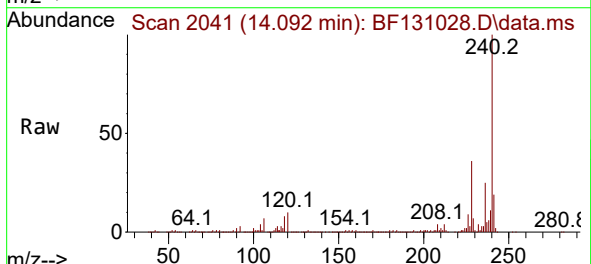
Tgt Ion:202 Resp: 67987
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.9
203 17.8 0.0 37.7

Manual Integrations
APPROVED

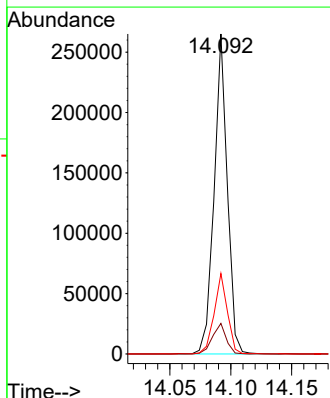
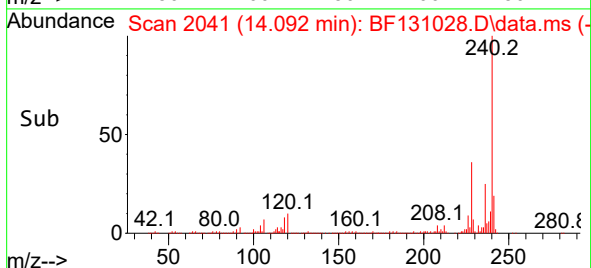
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

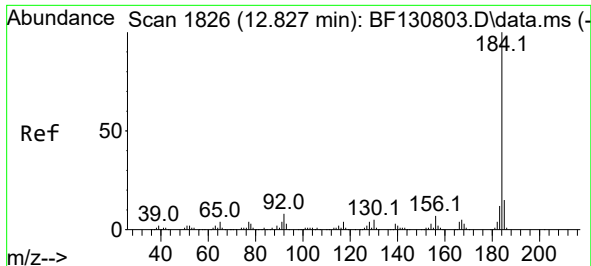


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



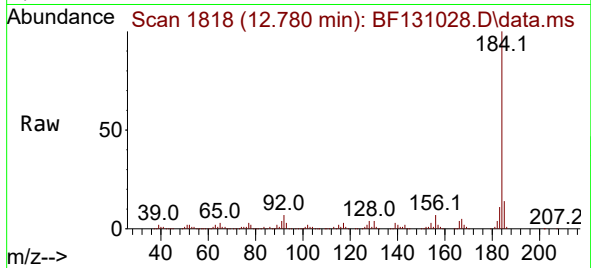
Tgt Ion:240 Resp: 199167
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.4
236 25.1 20.5 30.7





#77
Benzidine
Concen: 44.246 ng
RT: 12.780 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

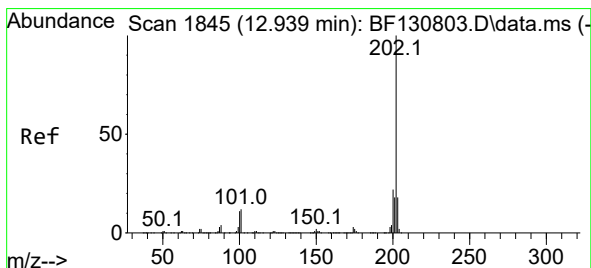
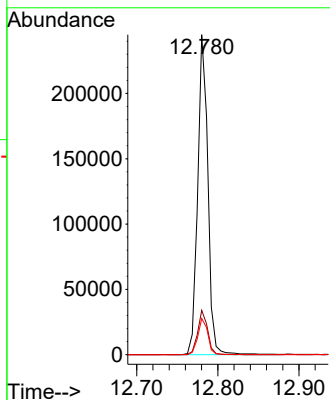
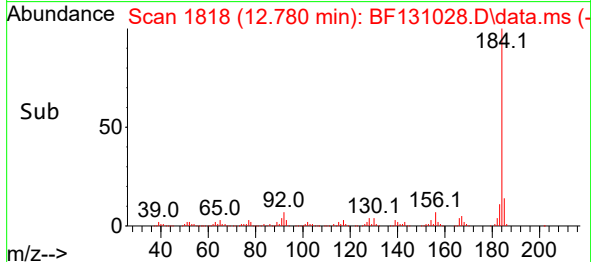
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



Tgt Ion:184 Resp: 213918
Ion Ratio Lower Upper
184 100
185 13.9 11.8 17.8
183 11.3 9.7 14.5

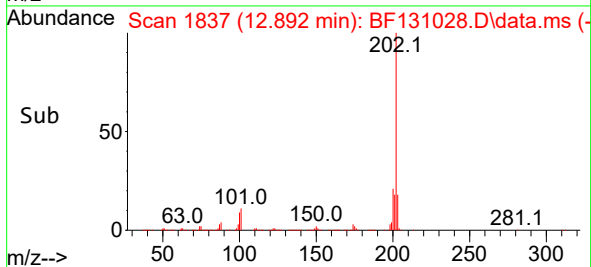
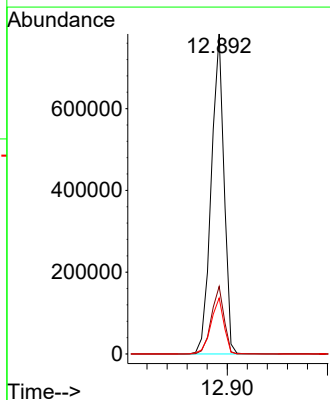
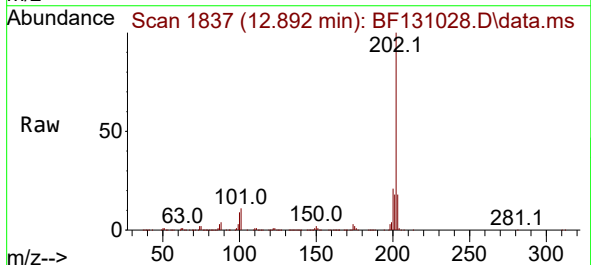
Manual Integrations
APPROVED

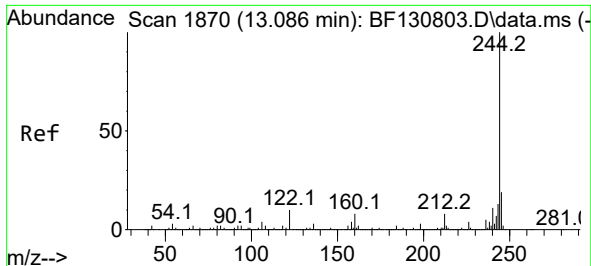
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#78
Pyrene
Concen: 41.200 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

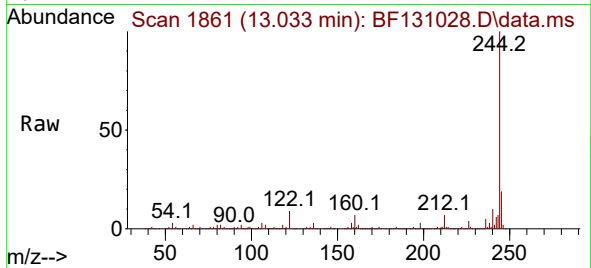
Tgt Ion:202 Resp: 692294
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.5 14.5 21.7





#79
 Terphenyl-d14
 Concen: 77.387 ng
 RT: 13.033 min Scan# 1870
 Delta R.T. -0.000 min
 Lab File: BF131028.D
 Acq: 05 Nov 2022 19:52

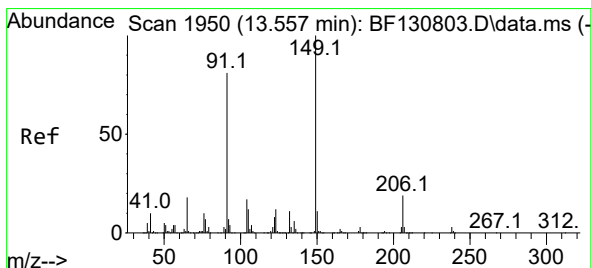
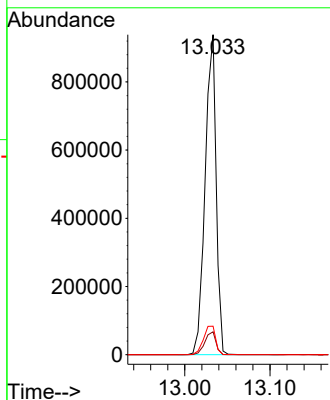
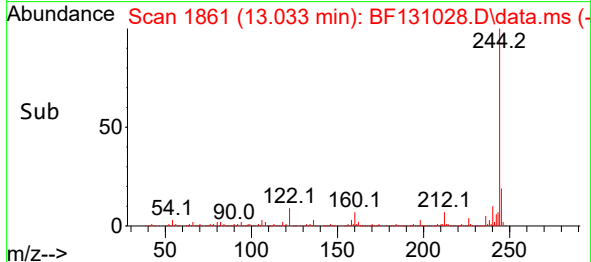
Instrument :
 BNA_F
 ClientSampleId :
 20221111-COMP-10MSD



Tgt Ion:244 Resp: 841100
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.9 7.9 11.9

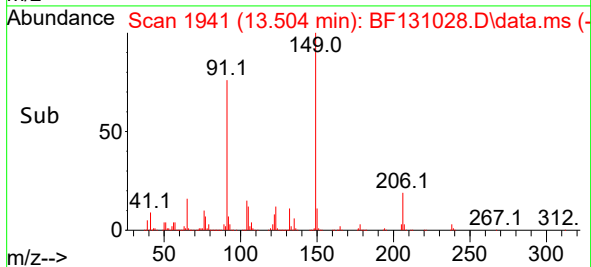
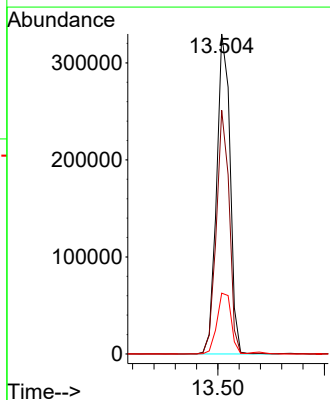
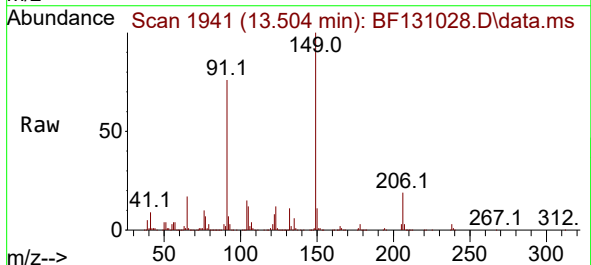
Manual Integrations
 APPROVED

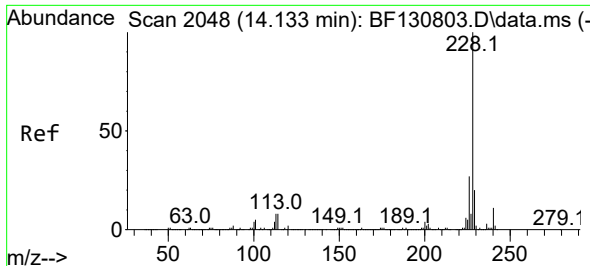
Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :Jagrut Upadhyay 11/07/2022



#80
 Butylbenzylphthalate
 Concen: 47.753 ng
 RT: 13.504 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: BF131028.D
 Acq: 05 Nov 2022 19:52

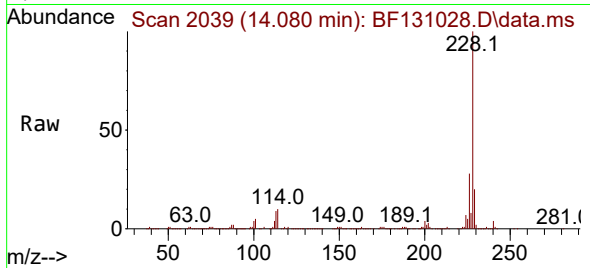
Tgt Ion:149 Resp: 288684
 Ion Ratio Lower Upper
 149 100
 91 76.1 64.5 96.7
 206 19.0 15.3 22.9





#81
Benzo(a)anthracene
Concen: 45.987 ng
RT: 14.080 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

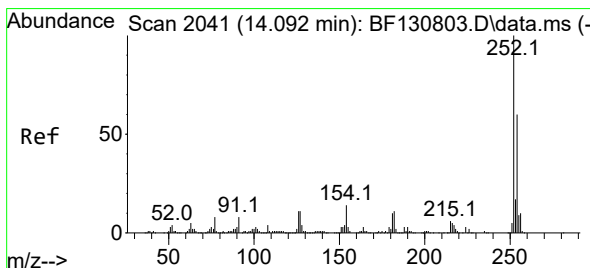
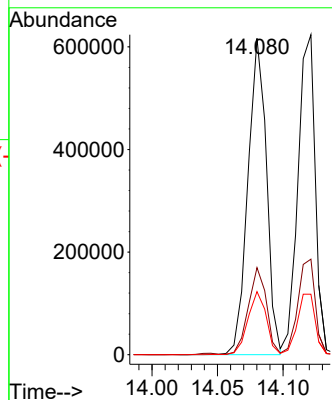
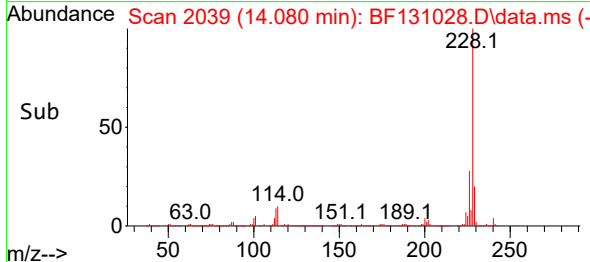
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



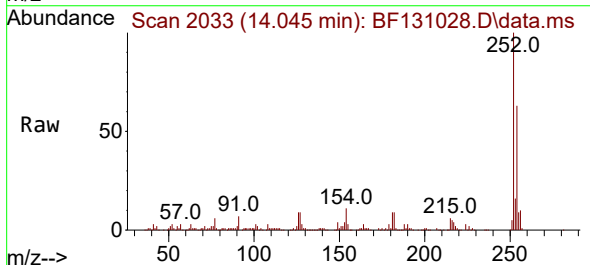
Tgt Ion:228 Resp: 607244
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.2
229 20.0 15.8 23.6

Manual Integrations
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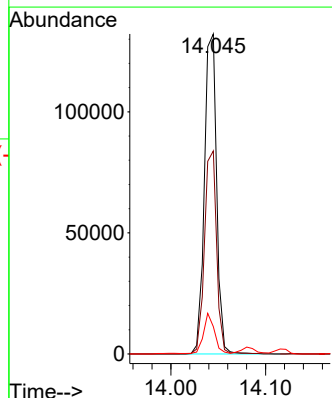
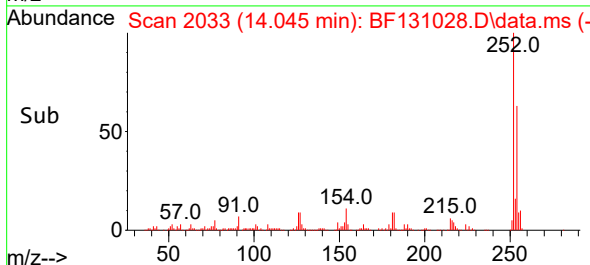
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

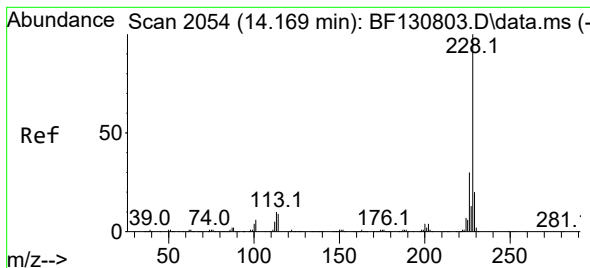


#82
3,3'-Dichlorobenzidine
Concen: 33.367 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



Tgt Ion:252 Resp: 118916
Ion Ratio Lower Upper
252 100
254 63.4 47.8 71.6
126 8.5 9.0 13.6#





#83

Chrysene

Concen: 44.954 ng

RT: 14.121 min Scan# 2046

Delta R.T. -0.000 min

Lab File: BF131028.D

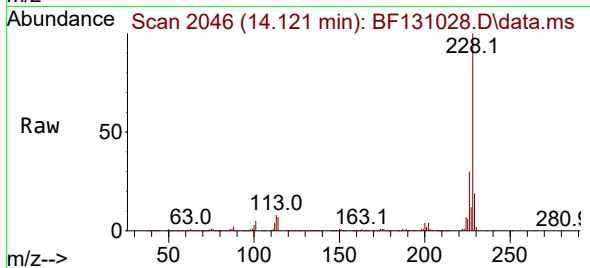
Acq: 05 Nov 2022 19:52

Instrument :

BNA_F

ClientSampleId :

20221111-COMP-10MSD



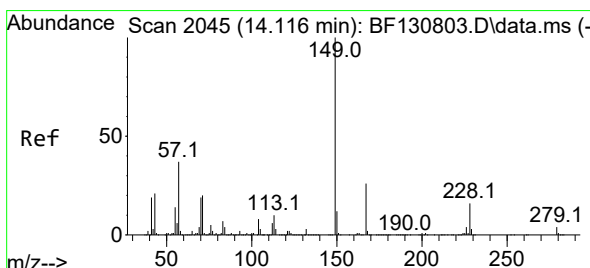
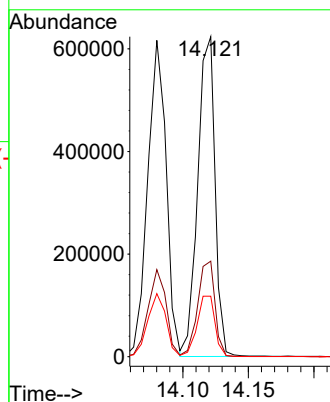
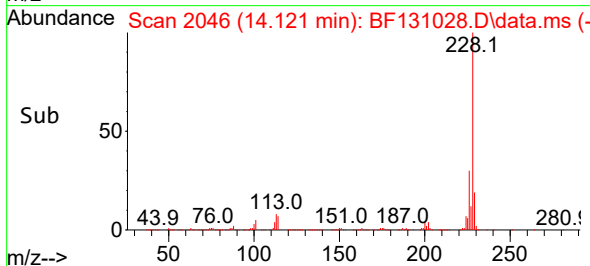
Tgt Ion:228 Resp: 572584

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	18.9	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.515 ng

RT: 14.062 min Scan# 2036

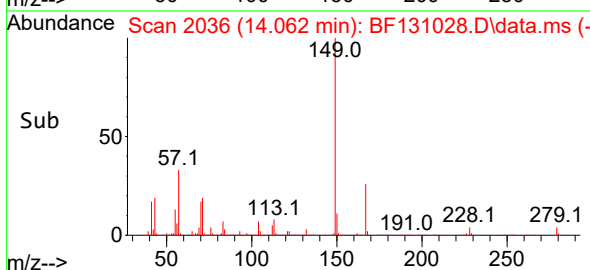
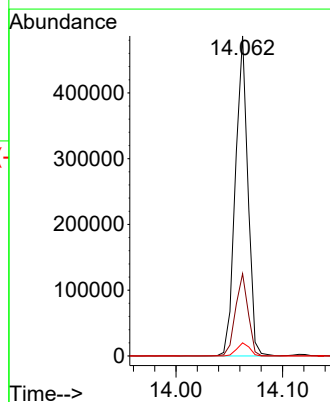
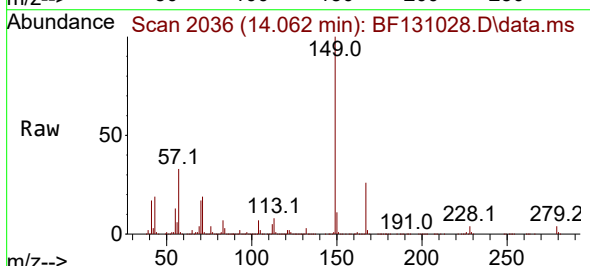
Delta R.T. -0.000 min

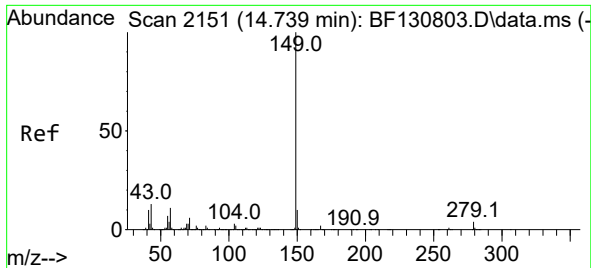
Lab File: BF131028.D

Acq: 05 Nov 2022 19:52

Tgt Ion:149 Resp: 396254

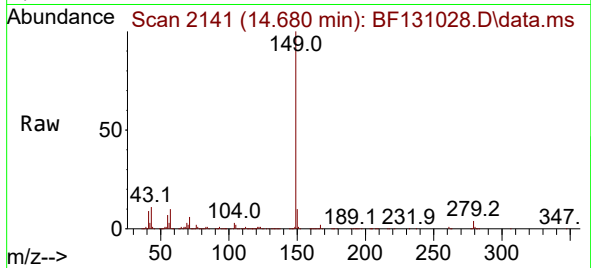
Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.0	31.4
279	4.1	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 60.974 ng
RT: 14.680 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

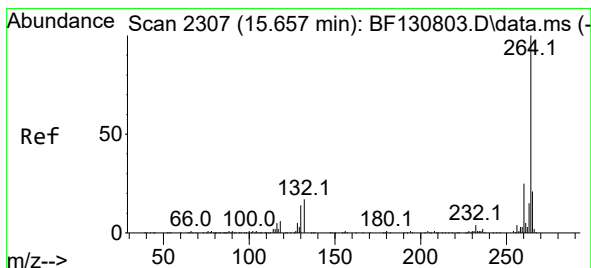
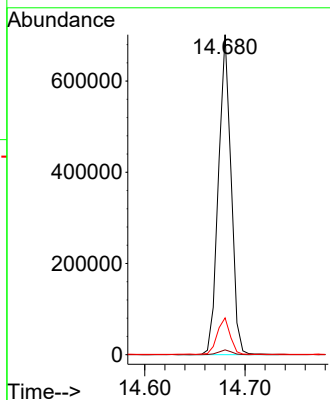
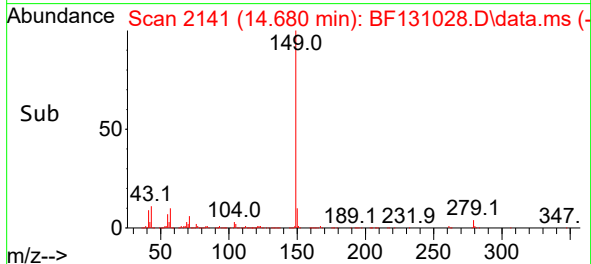
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



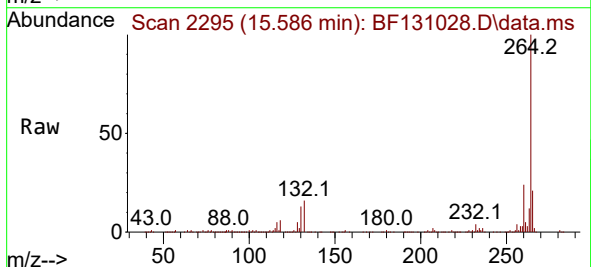
Tgt Ion:149 Resp: 611678
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 10.2 15.2

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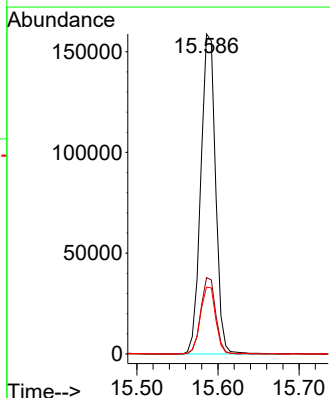
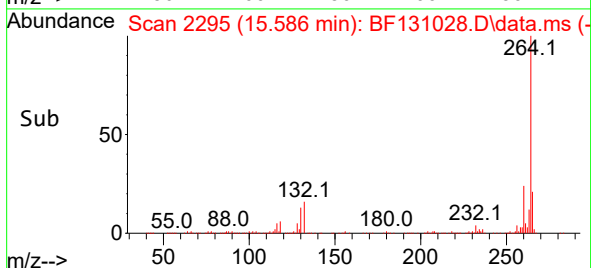
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

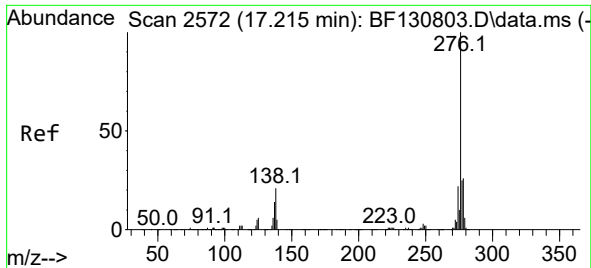


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



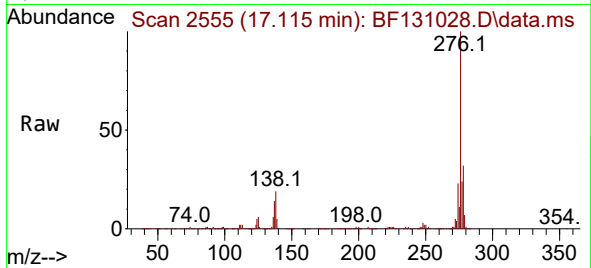
Tgt Ion:264 Resp: 200278
Ion Ratio Lower Upper
264 100
260 23.9 19.9 29.9
265 20.9 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.909 ng
RT: 17.115 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

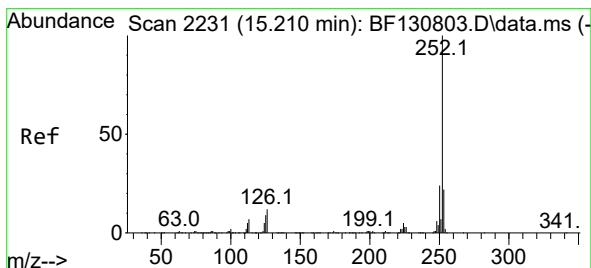
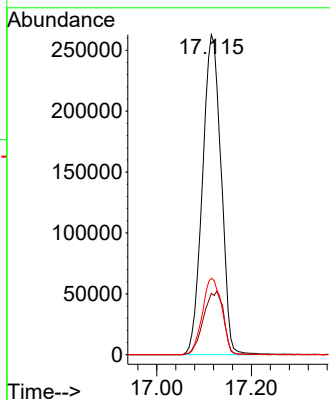
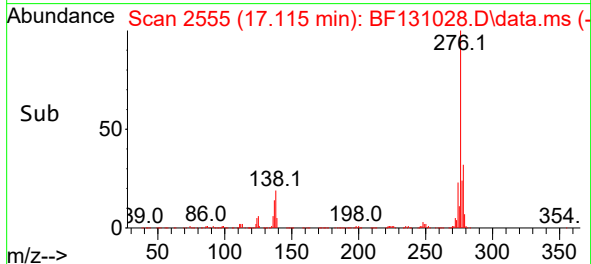
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



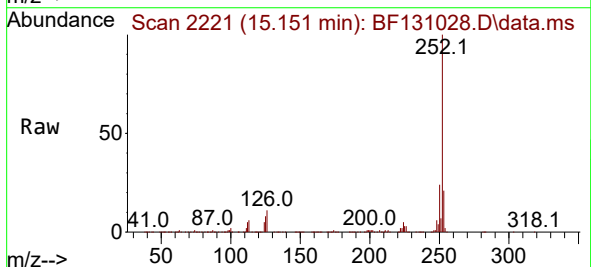
Tgt Ion:276 Resp: 71699
Ion Ratio Lower Upper
276 100
138 21.4 19.1 28.7
277 25.1 20.1 30.1

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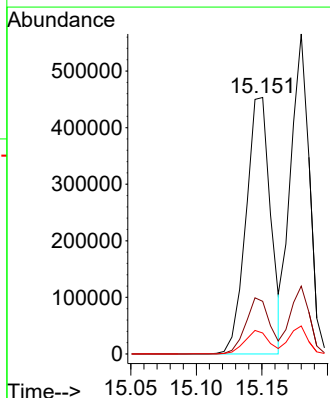
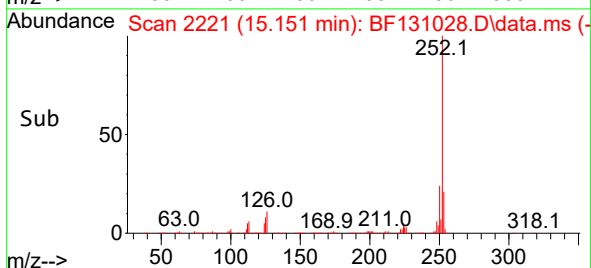
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

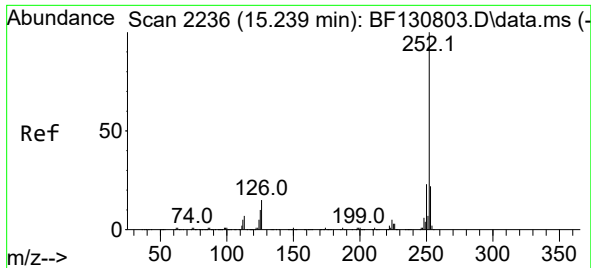


#88
Benzo(b)fluoranthene
Concen: 45.656 ng
RT: 15.151 min Scan# 2221
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



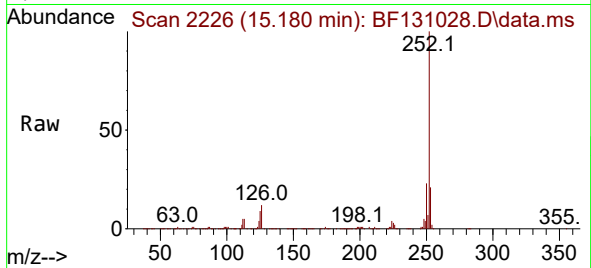
Tgt Ion:252 Resp: 591083
Ion Ratio Lower Upper
252 100
253 20.5 17.5 26.3
125 8.2 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 44.893 ng
RT: 15.180 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

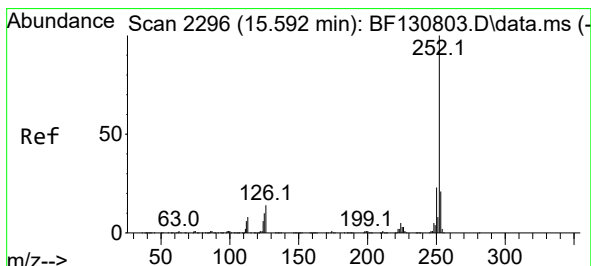
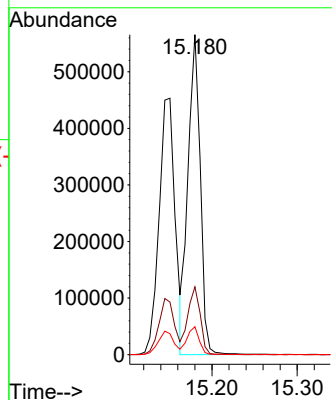
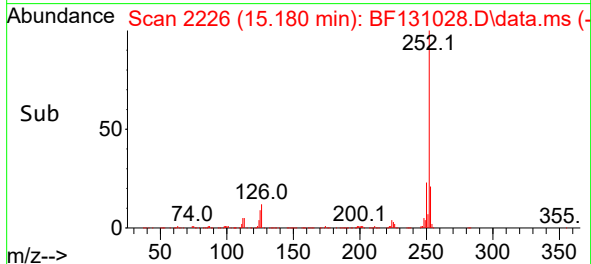
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



Tgt Ion:252 Resp: 56634
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 8.8 8.0 12.0

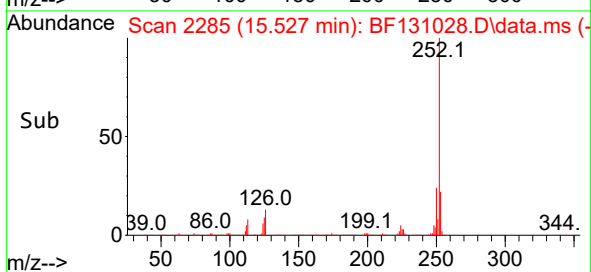
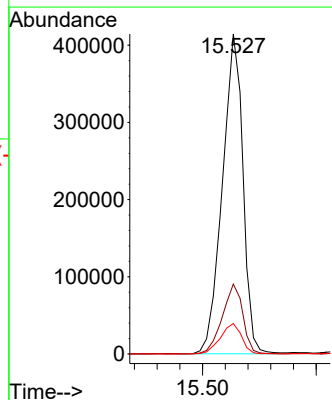
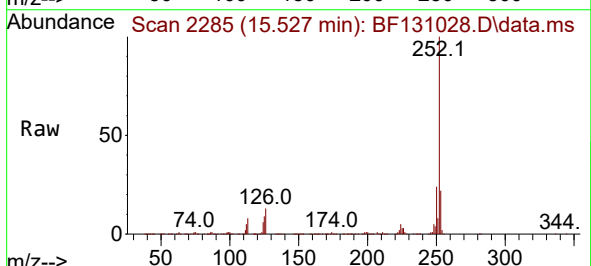
Manual Integrations
APPROVED

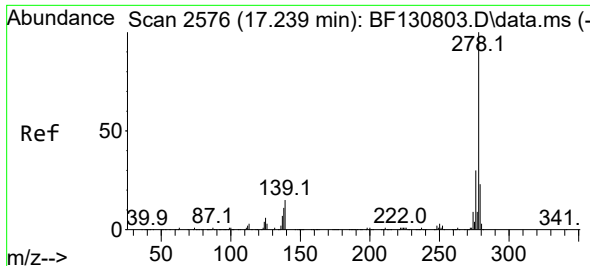
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022



#90
Benzo(a)pyrene
Concen: 50.063 ng
RT: 15.527 min Scan# 2285
Delta R.T. -0.000 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

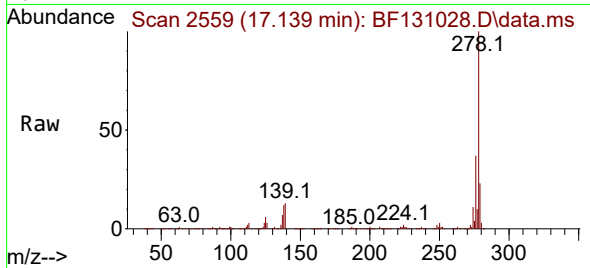
Tgt Ion:252 Resp: 521027
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 9.5 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 55.224 ng
RT: 17.139 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52

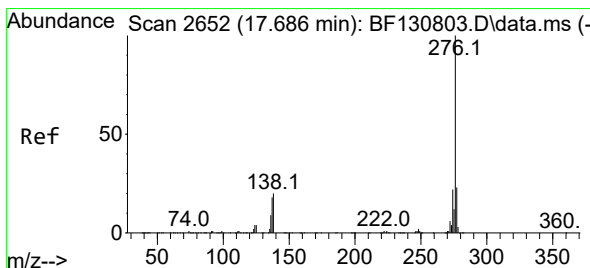
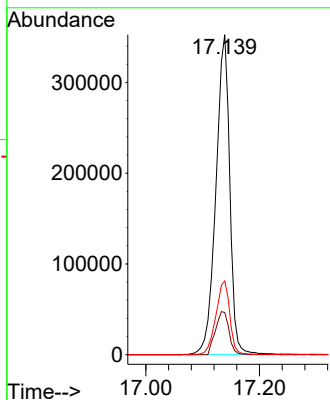
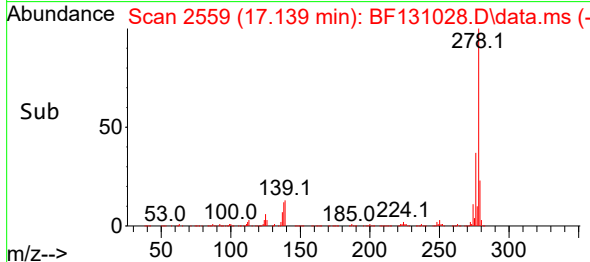
Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MSD



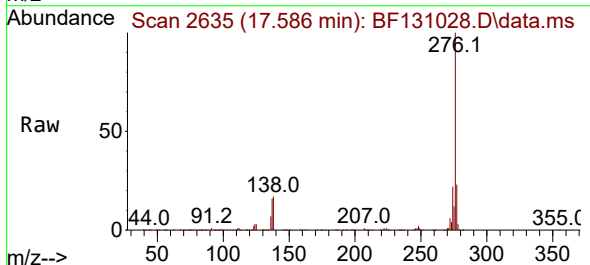
Tgt Ion: 278 Resp: 59874
Ion Ratio Lower Upper
278 100
139 13.2 11.9 17.9
279 23.1 18.6 28.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 11/07/2022
Supervised By : Jagrut Upadhyay 11/07/2022



#92
Benzo(g,h,i)perylene
Concen: 55.341 ng
RT: 17.586 min Scan# 2635
Delta R.T. 0.006 min
Lab File: BF131028.D
Acq: 05 Nov 2022 19:52



Tgt Ion: 276 Resp: 612140
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 17.1 16.3 24.5

