

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131741.D
 Acq On : 21 Dec 2022 11:46
 Operator : CG\JU
 Sample : PB149732BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149732BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/22/2022
 Supervised By : Jagrut Upadhyay 12/22/2022

Quant Time: Dec 22 05:18:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	81475	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	308057	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	189185	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	371680	20.000	ng	0.00
76) Chrysene-d12	14.063	240	233896	20.000	ng	0.00
86) Perylene-d12	15.557	264	175260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	681449	140.839	ng	0.02
7) Phenol-d6	6.504	99	878002	134.818	ng	0.00
23) Nitrobenzene-d5	7.439	82	613382	80.832	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	280297	135.363	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1076911	79.740	ng	0.00
79) Terphenyl-d14	13.004	244	1433970	95.550	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	82601	36.532	ng	97
3) Pyridine	3.410	79	212419	32.947	ng	99
4) n-Nitrosodimethylamine	3.381	42	126080	43.223	ng	91
6) Aniline	6.528	93	188373	23.429	ng	96
8) 2-Chlorophenol	6.651	128	231860	44.615	ng	97
9) Benzaldehyde	6.416	77	95368	23.149	ng	99
10) Phenol	6.516	94	325008	41.799	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	257942	46.358	ng	97
12) 1,3-Dichlorobenzene	6.804	146	251128	42.748	ng	99
13) 1,4-Dichlorobenzene	6.881	146	258569	43.060	ng	96
14) 1,2-Dichlorobenzene	7.034	146	242094	43.060	ng	98
15) Benzyl Alcohol	7.016	79	240426	41.333	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	314811	44.371	ng	96
17) 2-Methylphenol	7.128	107	209269	42.655	ng	99
18) Hexachloroethane	7.381	117	104900	44.069	ng	93
19) n-Nitroso-di-n-propyla...	7.287	70	197334	42.014	ng	99
20) 3+4-Methylphenols	7.281	107	263432	41.720	ng	96
22) Acetophenone	7.281	105	375597	41.780	ng	94
24) Nitrobenzene	7.457	77	313334	40.617	ng	98
25) Isophorone	7.692	82	554402	43.021	ng	98
26) 2-Nitrophenol	7.775	139	125808	41.729	ng	95
27) 2,4-Dimethylphenol	7.810	122	213740	49.776	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	314785	45.999	ng	100
29) 2,4-Dichlorophenol	8.016	162	216225	41.711	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	246837	40.504	ng	99
31) Naphthalene	8.181	128	676300	40.199	ng	100
32) Benzoic acid	7.945	122	159476	46.396	ng	96
33) 4-Chloroaniline	8.228	127	85706	13.063	ng	98
34) Hexachlorobutadiene	8.292	225	165453	40.353	ng	99
35) Caprolactam	8.610	113	66246m	42.381	ng	
36) 4-Chloro-3-methylphenol	8.716	107	252509	42.641	ng	97
37) 2-Methylnaphthalene	8.875	142	462754	40.324	ng	100
38) 1-Methylnaphthalene	8.975	142	427523	38.464	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	267925	41.394	ng	98
41) Hexachlorocyclopentadiene	9.022	237	330928	112.851	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	169803	40.160	ng	98

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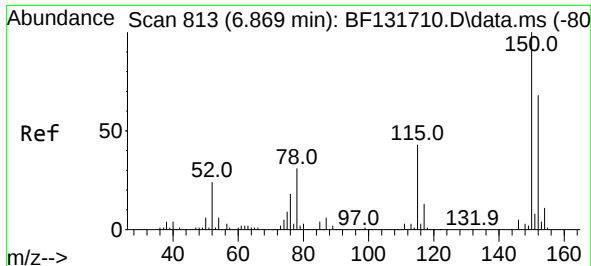
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	184941	40.404	ng	98
46) 1,1'-Biphenyl	9.339	154	587576	41.290	ng	99
47) 2-Chloronaphthalene	9.363	162	469564	40.297	ng	98
48) 2-Nitroaniline	9.469	65	169764	40.421	ng	97
49) Acenaphthylene	9.781	152	707542	40.483	ng	100
50) Dimethylphthalate	9.645	163	590149	41.457	ng	99
51) 2,6-Dinitrotoluene	9.710	165	127241	41.569	ng	98
52) Acenaphthene	9.957	154	419237	39.157	ng	99
53) 3-Nitroaniline	9.880	138	70191	22.411	ng	96
54) 2,4-Dinitrophenol	9.992	184	164562	89.726	ng	94
55) Dibenzofuran	10.128	168	663672	40.424	ng	99
56) 4-Nitrophenol	10.051	139	178530	79.643	ng	94
57) 2,4-Dinitrotoluene	10.116	165	177814	43.231	ng	98
58) Fluorene	10.475	166	536591	40.425	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	144164m	37.727	ng	
60) Diethylphthalate	10.345	149	576048	41.997	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	291470	41.314	ng	100
62) 4-Nitroaniline	10.504	138	121203	38.452	ng	94
63) Azobenzene	10.622	77	614752	40.813	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	108024	42.332	ng	97
66) n-Nitrosodiphenylamine	10.586	169	465944	40.425	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	180893	41.208	ng	96
68) Hexachlorobenzene	11.016	284	193937	40.170	ng	99
69) Atrazine	11.110	200	114614	29.831	ng	99
70) Pentachlorophenol	11.216	266	224248	87.513	ng	98
71) Phenanthrene	11.439	178	804392	39.689	ng	99
72) Anthracene	11.492	178	827458	41.697	ng	100
73) Carbazole	11.651	167	706333	41.141	ng	99
74) Di-n-butylphthalate	11.974	149	915083	42.805	ng	99
75) Fluoranthene	12.633	202	911553	40.385	ng	99
77) Benzidine	12.757	184	64810	15.111	ng	100
78) Pyrene	12.863	202	924068	43.454	ng	99
80) Butylbenzylphthalate	13.480	149	334526	44.602	ng	99
81) Benzo(a)anthracene	14.051	228	696204	41.329	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	156765	33.332	ng	97
83) Chrysene	14.092	228	641273	40.333	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	411773	46.041	ng	98
85) Di-n-octyl phthalate	14.657	149	570093	45.664	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	586748	49.843	ng	100
88) Benzo(b)fluoranthene	15.115	252	534713	43.124	ng	98
89) Benzo(k)fluoranthene	15.151	252	512871	42.389	ng	99
90) Benzo(a)pyrene	15.492	252	442146	45.017	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	506140	52.027	ng	99
92) Benzo(g,h,i)perylene	17.527	276	495346	51.515	ng	99

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

Manual Integrations

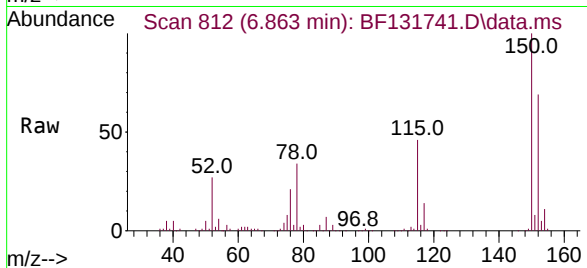
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

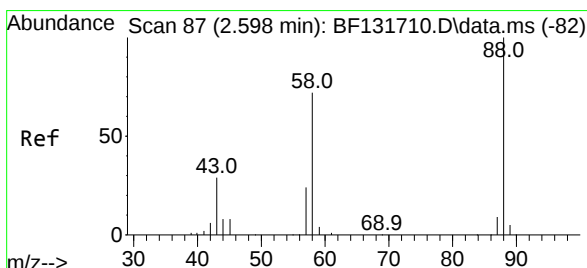
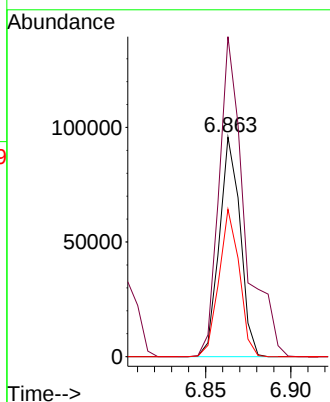
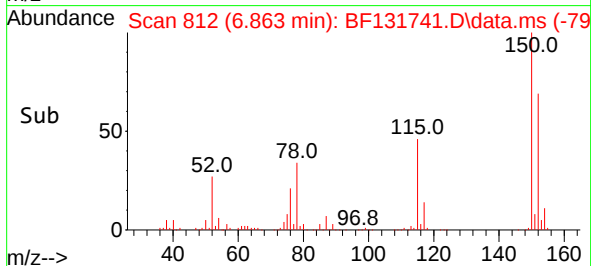
Instrument :
BNA_F
ClientSampleId :
PB149732BS



Tgt Ion:152 Resp: 81475
Ion Ratio Lower Upper
152 100
150 145.8 117.4 176.0
115 67.1 50.2 75.4

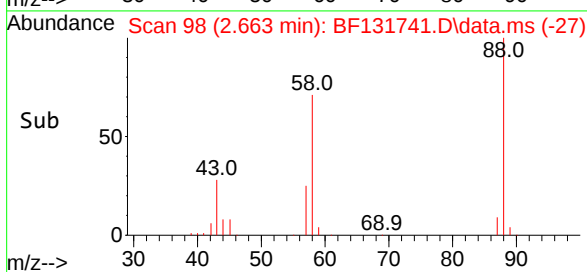
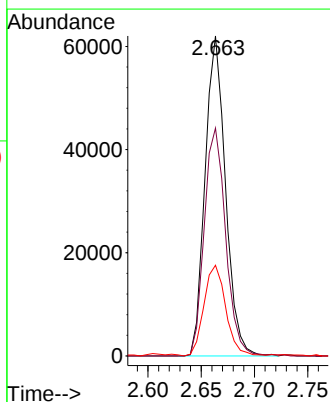
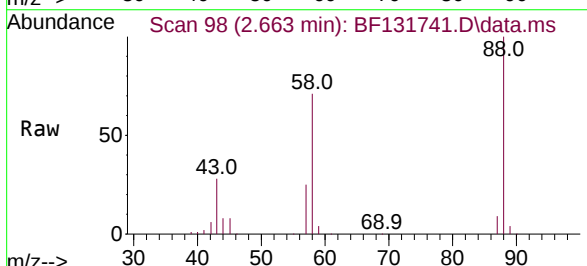
Manual Integrations
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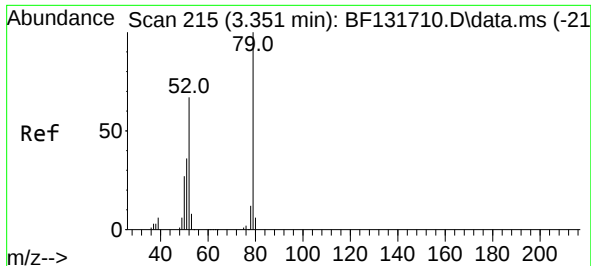
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#2
1,4-Dioxane
Concen: 36.532 ng
RT: 2.663 min Scan# 98
Delta R.T. 0.065 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

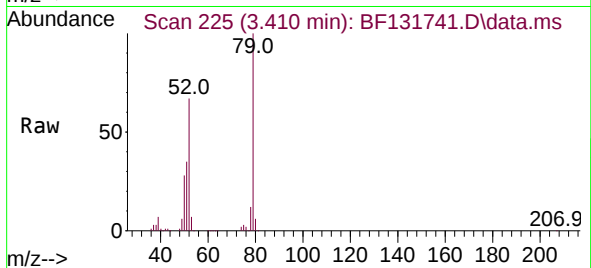
Tgt Ion: 88 Resp: 82601
Ion Ratio Lower Upper
88 100
58 74.8 57.5 86.3
43 30.3 23.3 34.9





#3
Pyridine
Concen: 32.947 ng
RT: 3.410 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

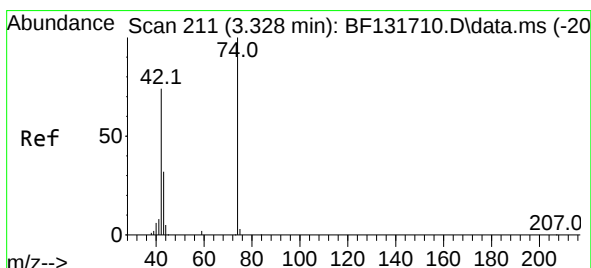
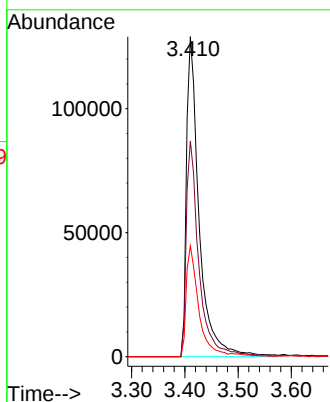
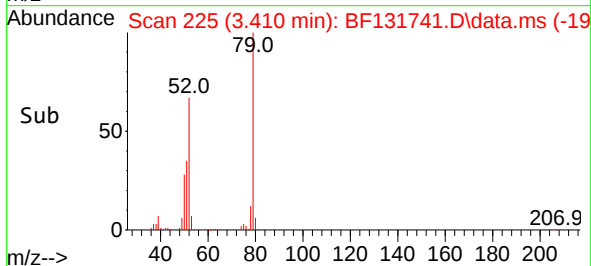
Instrument :
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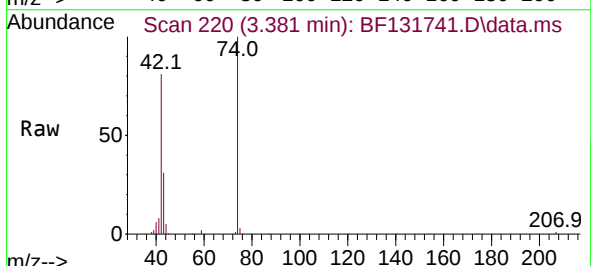
Tgt Ion: 79 Resp: 212419
Ion Ratio Lower Upper
79 100
52 67.4 53.7 80.5
51 34.6 28.6 42.8

Manual Integrations
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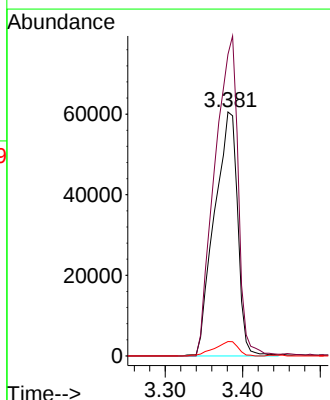
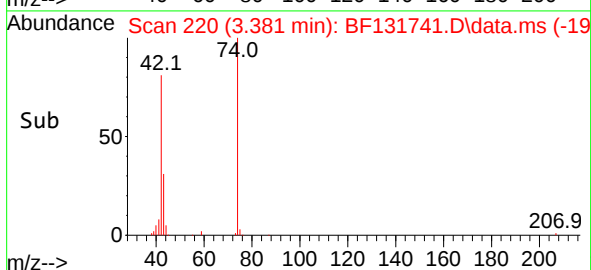
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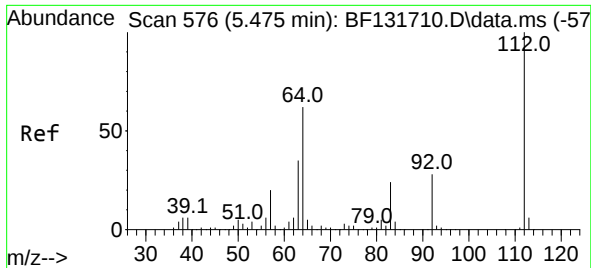


#4
n-Nitrosodimethylamine
Concen: 43.223 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.053 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46



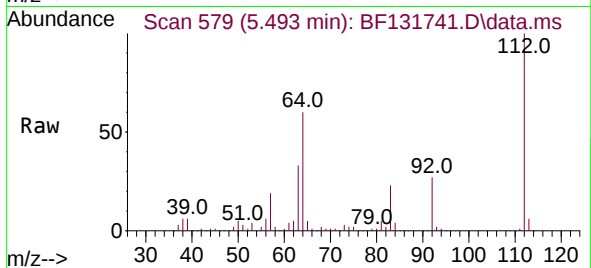
Tgt Ion: 42 Resp: 126080
Ion Ratio Lower Upper
42 100
74 123.6 107.8 161.8
44 5.9 5.5 8.3





#5
2-Fluorophenol
Concen: 140.839 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

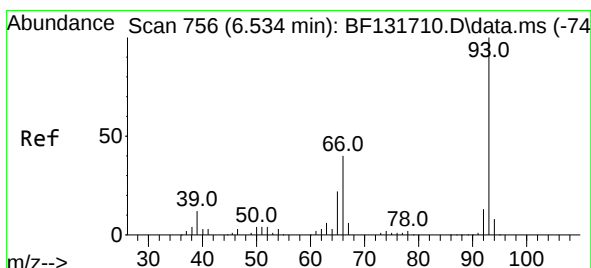
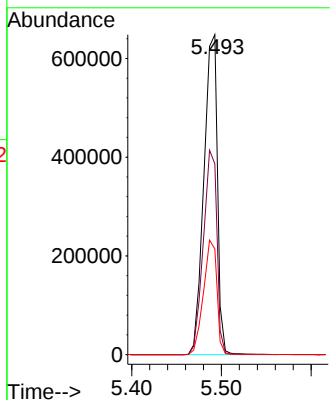
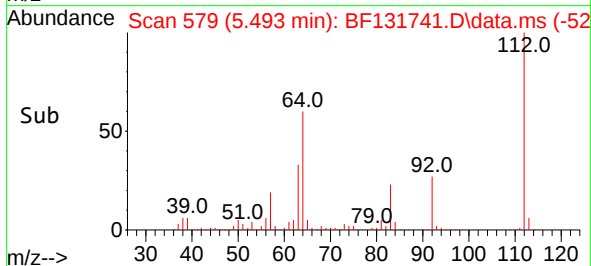
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Tgt Ion:112 Resp: 681449
Ion Ratio Lower Upper
112 100
64 59.6 49.5 74.3
63 33.0 28.2 42.2

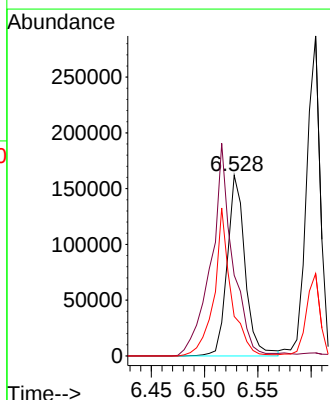
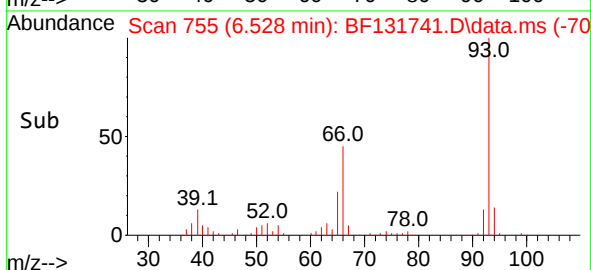
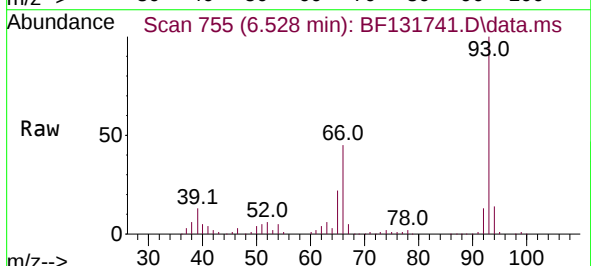
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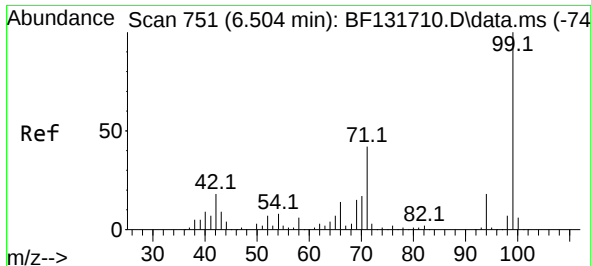
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#6
Aniline
Concen: 23.429 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion: 93 Resp: 188373
Ion Ratio Lower Upper
93 100
66 44.6 32.8 49.2
65 21.9 17.4 26.2





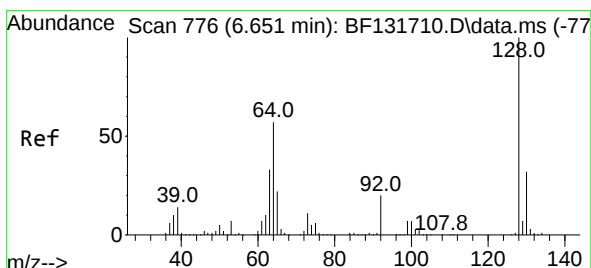
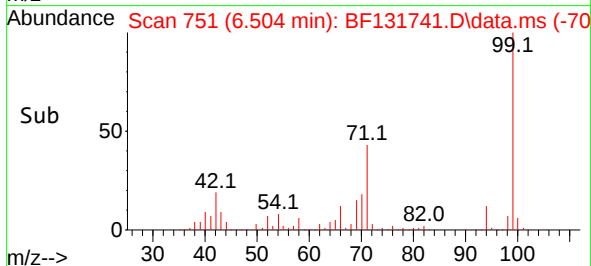
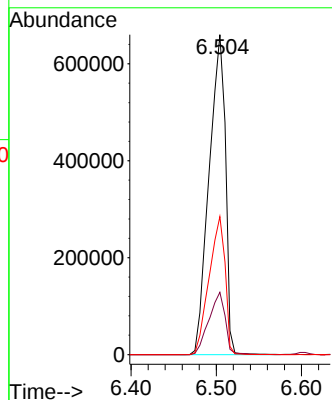
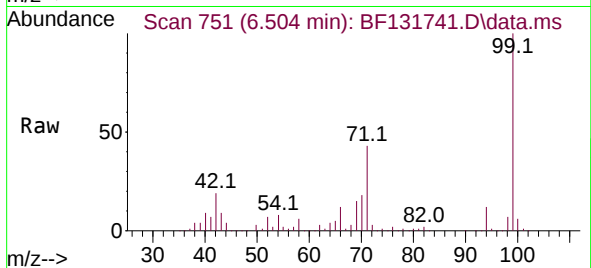
#7
Phenol-d6
Concen: 134.818 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :
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Client Sample Id :
PB149732BS

Tgt Ion: 99 Resp: 878002
Ion Ratio Lower Upper
99 100
42 19.5 14.8 22.2
71 43.1 33.8 50.6

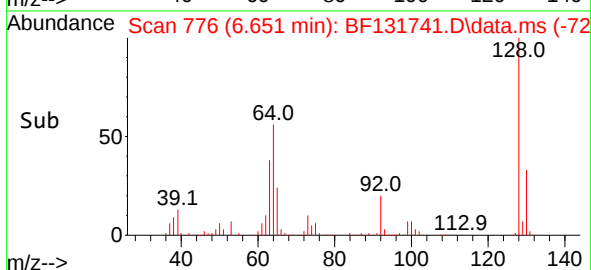
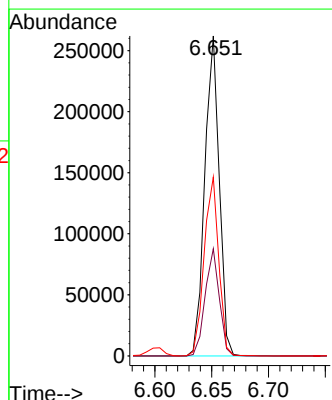
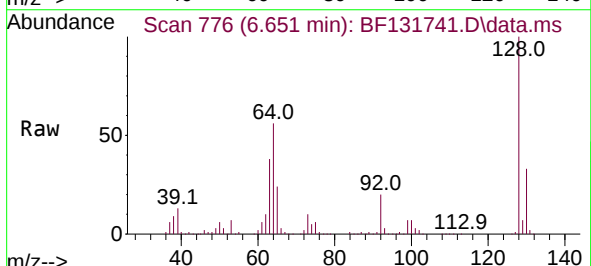
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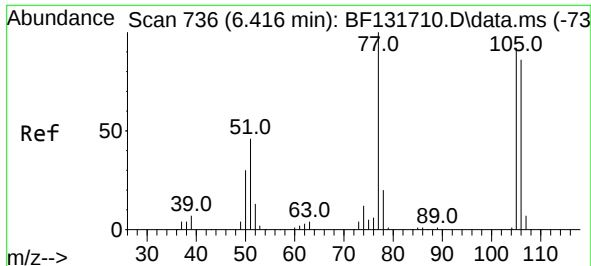
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#8
2-Chlorophenol
Concen: 44.615 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:128 Resp: 231860
Ion Ratio Lower Upper
128 100
130 33.5 12.0 52.0
64 55.9 37.7 77.7





#9

Benzaldehyde

Concen: 23.149 ng

RT: 6.416 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

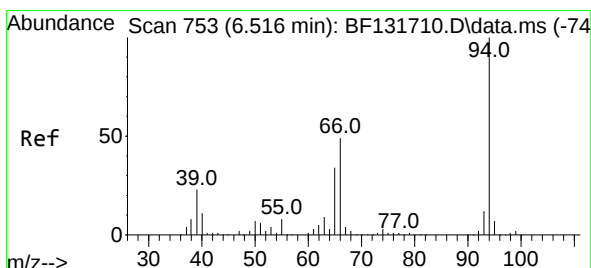
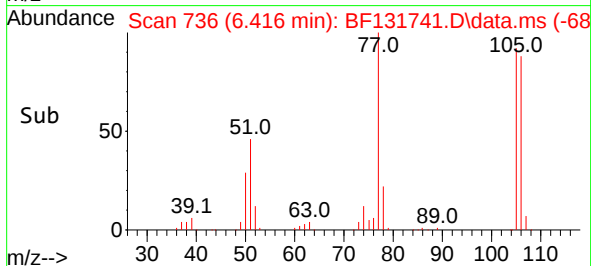
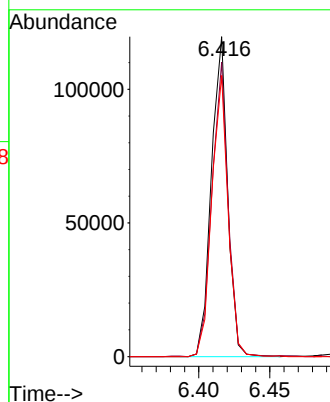
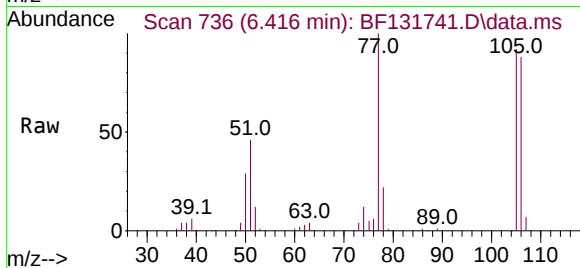
PB149732BS

Tgt Ion: 77	Resp: 95368
Ion Ratio	Lower Upper
77 100	
105 92.0	72.4 112.4
106 87.8	66.5 106.5

Manual Integrations

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#10

Phenol

Concen: 41.799 ng

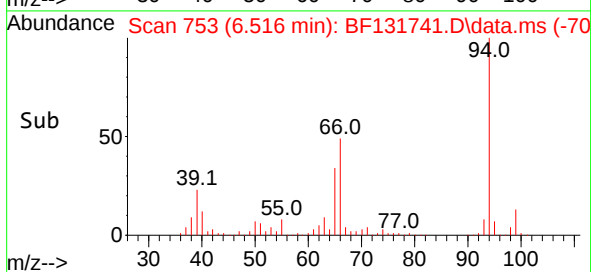
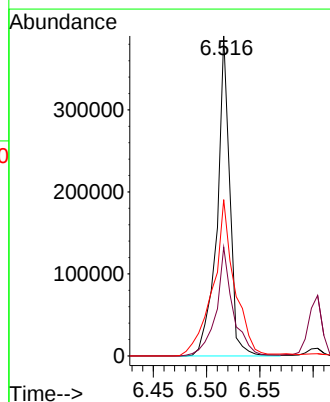
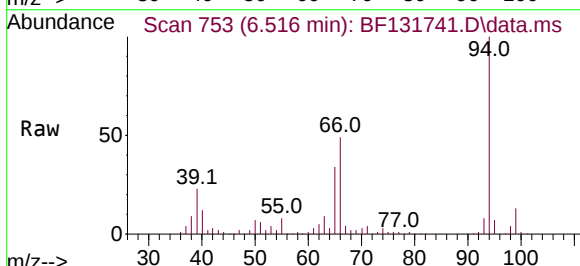
RT: 6.516 min Scan# 753

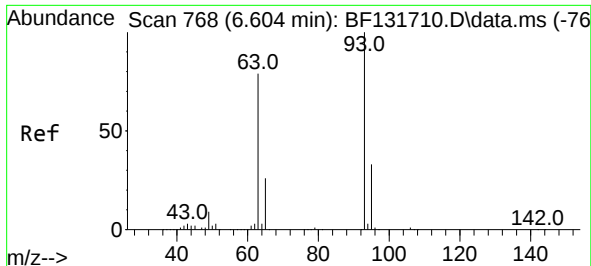
Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

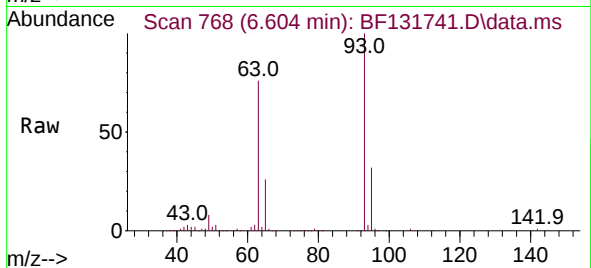
Tgt Ion: 94	Resp: 325008
Ion Ratio	Lower Upper
94 100	
65 34.0	14.0 54.0
66 48.8	28.8 68.8





#11
bis(2-Chloroethyl)ether
Concen: 46.358 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

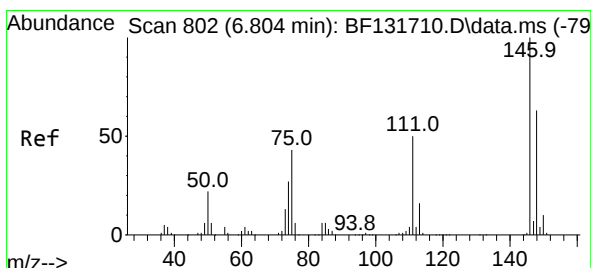
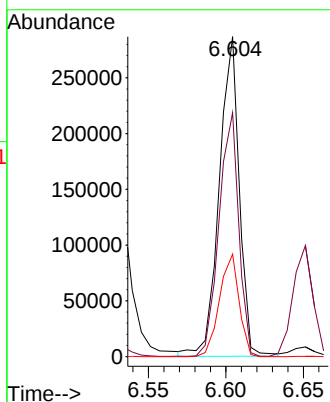
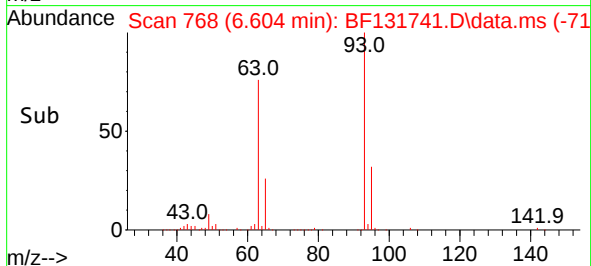
Instrument :
BNA_F
ClientSampleId :
PB149732BS



Tgt Ion: 93 Resp: 257942
Ion Ratio Lower Upper
93 100
63 76.2 59.0 99.0
95 32.0 12.6 52.6

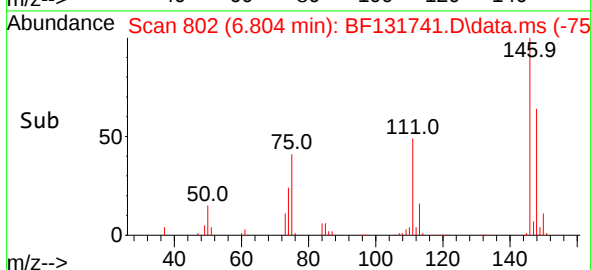
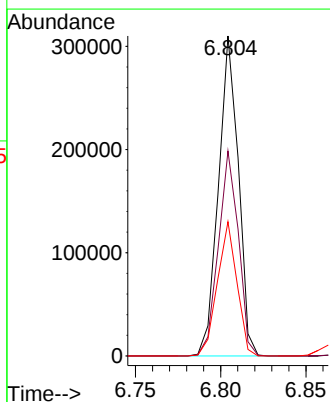
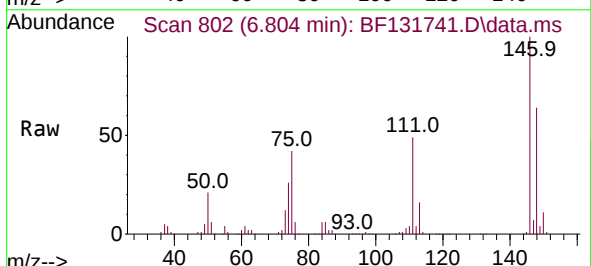
Manual Integrations
APPROVED

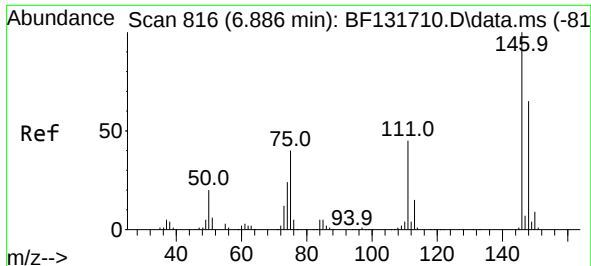
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#12
1,3-Dichlorobenzene
Concen: 42.748 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:146 Resp: 251128
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
75 41.9 34.3 51.5





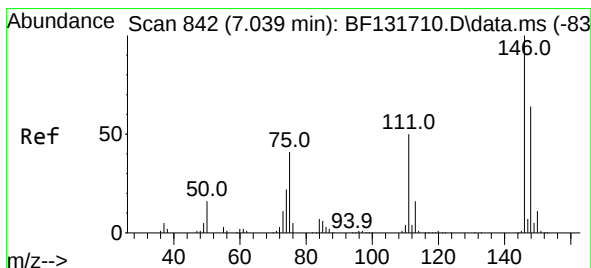
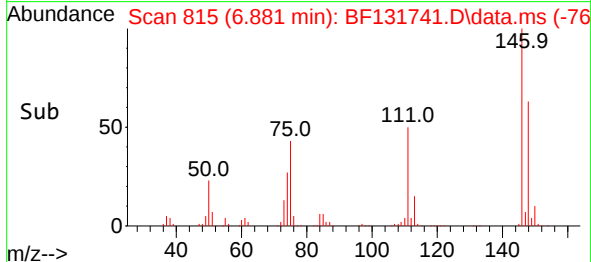
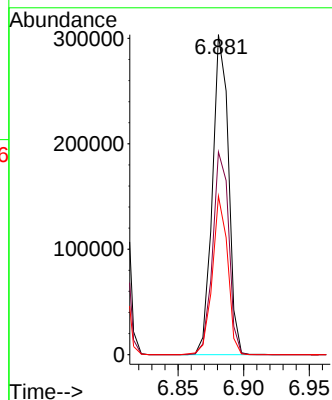
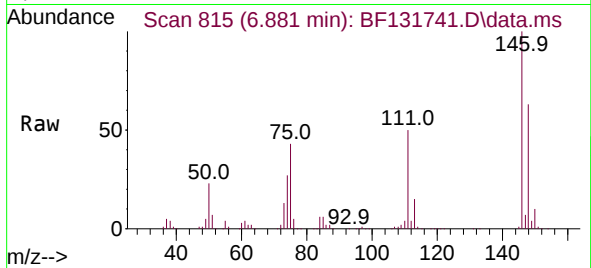
#13
1,4-Dichlorobenzene
Concen: 43.060 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :
BNA_F
Client SampleId :
PB149732BS

Tgt Ion:146 Resp: 258569
Ion Ratio Lower Upper
146 100
148 63.3 52.2 78.4
111 49.5 36.4 54.6

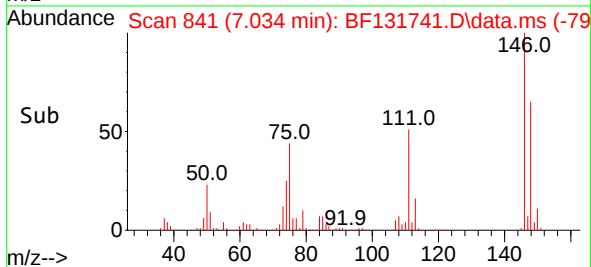
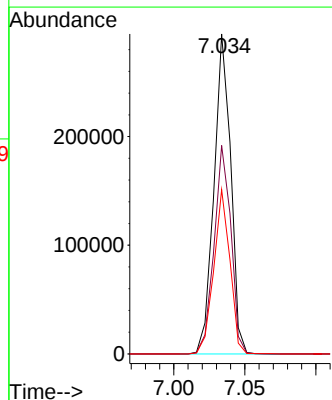
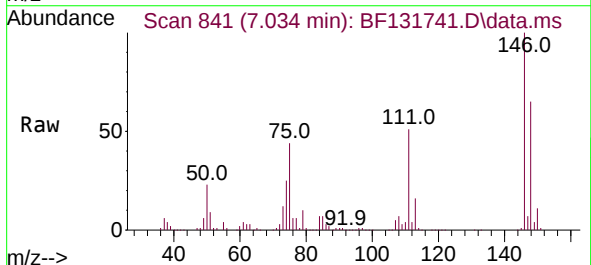
Manual Integrations
APPROVED

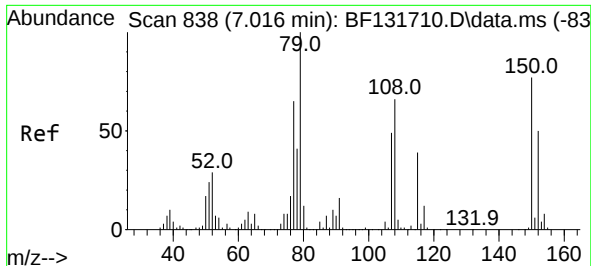
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#14
1,2-Dichlorobenzene
Concen: 43.060 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

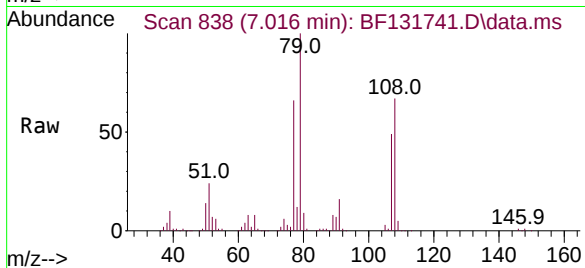
Tgt Ion:146 Resp: 242094
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.0
111 51.3 39.8 59.6





#15
Benzyl Alcohol
Concen: 41.333 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

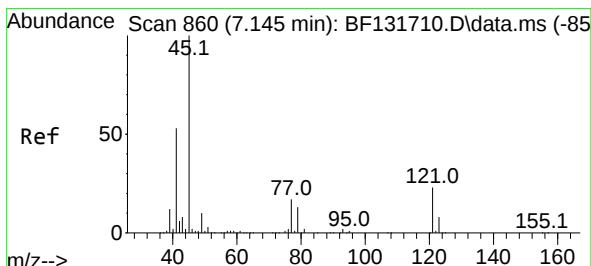
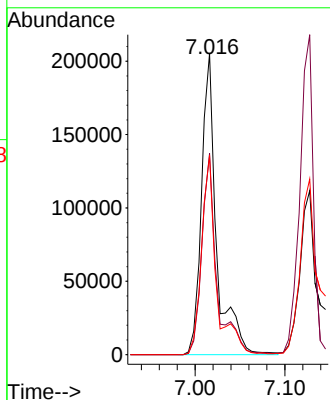
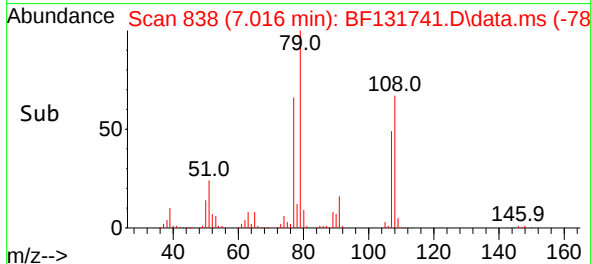
Instrument :
BNA_F
Client SampleId :
PB149732BS



Tgt Ion: 79 Resp: 240426
Ion Ratio Lower Upper
79 100
108 66.8 52.6 78.8
77 66.1 51.7 77.5

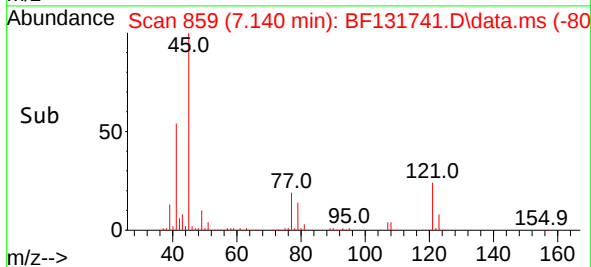
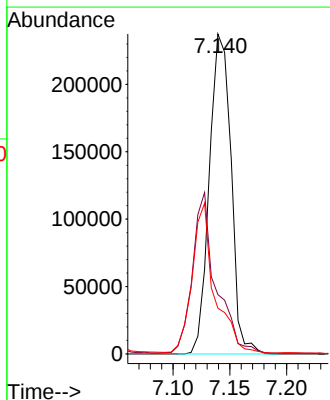
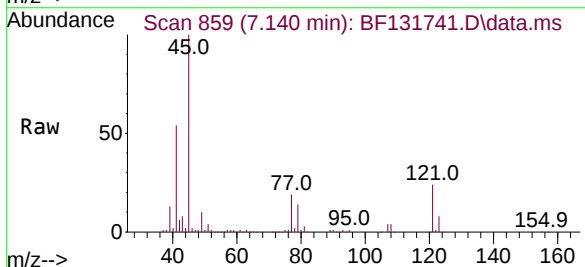
Manual Integrations
APPROVED

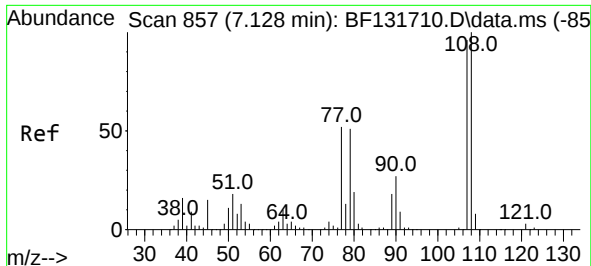
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.371 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion: 45 Resp: 314811
Ion Ratio Lower Upper
45 100
77 18.5 0.0 36.8
79 14.3 0.0 33.1





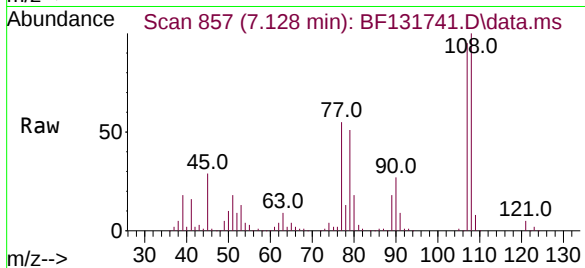
#17
2-Methylphenol
Concen: 42.655 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

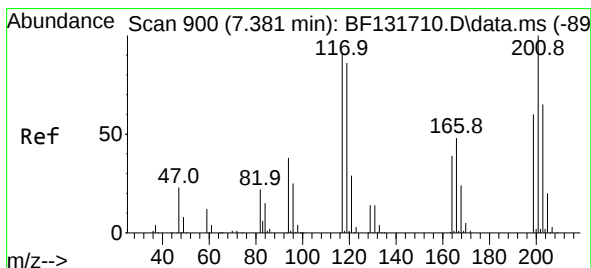
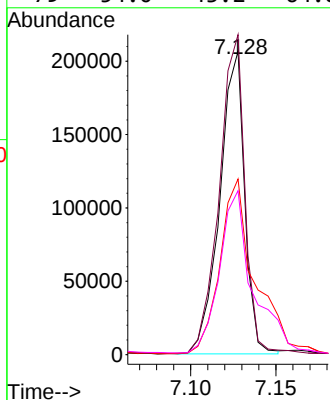
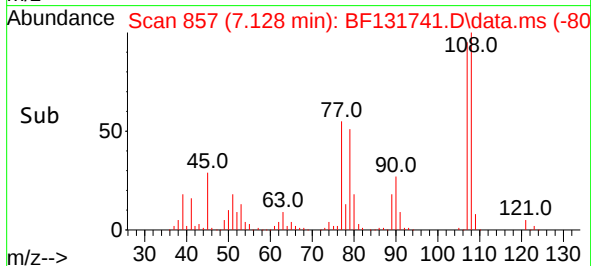


Tgt Ion:107 Resp: 209269
Ion Ratio Lower Upper
107 100
108 105.4 83.8 125.6
77 57.9 43.8 65.8
79 54.0 43.2 64.8

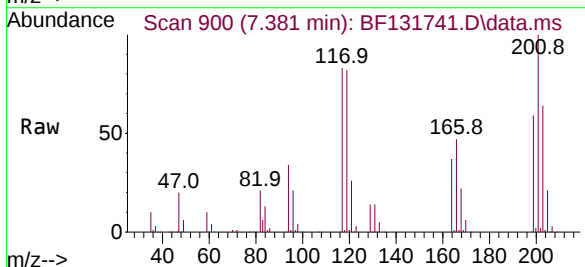
Manual Integrations

APPROVED

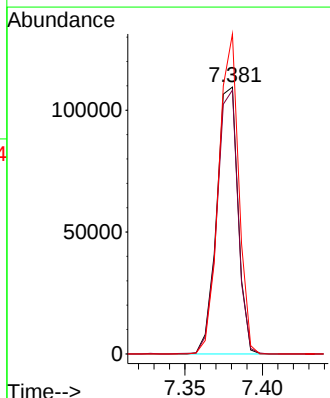
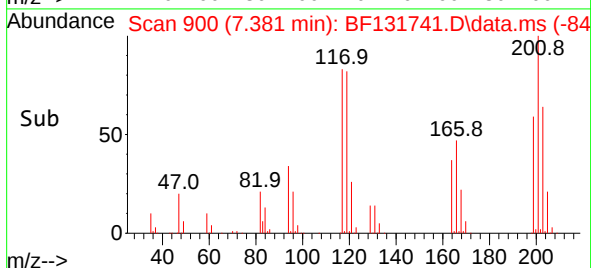
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

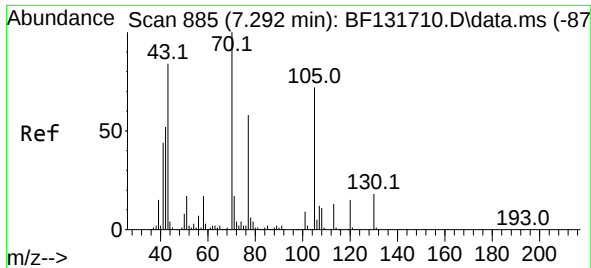


#18
Hexachloroethane
Concen: 44.069 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46



Tgt Ion:117 Resp: 104900
Ion Ratio Lower Upper
117 100
119 98.8 75.8 113.8
201 119.9 88.2 132.4





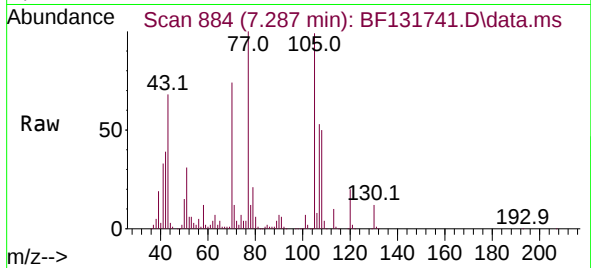
#19
n-Nitroso-di-n-propylamine
Concen: 42.014 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

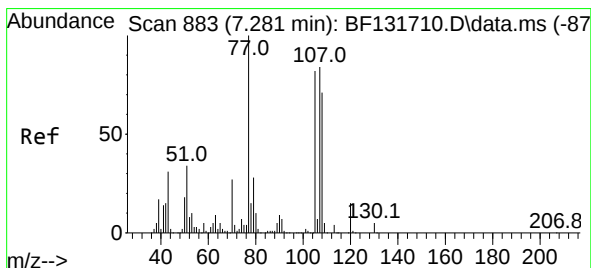
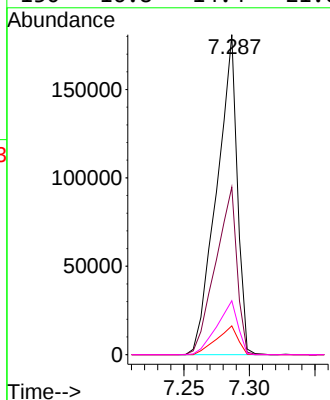
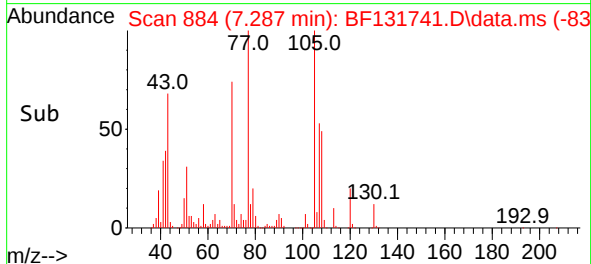


Tgt Ion: 70 Resp: 197334
Ion Ratio Lower Upper
70 100
42 52.4 41.5 62.3
101 9.0 7.3 10.9
130 16.8 14.4 21.6

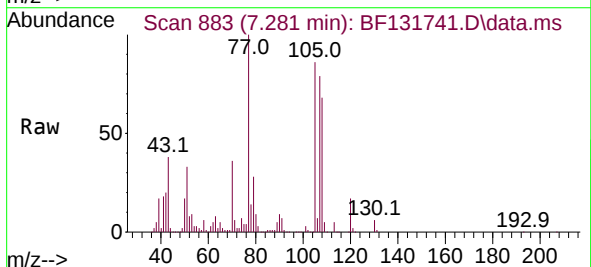
Manual Integrations

APPROVED

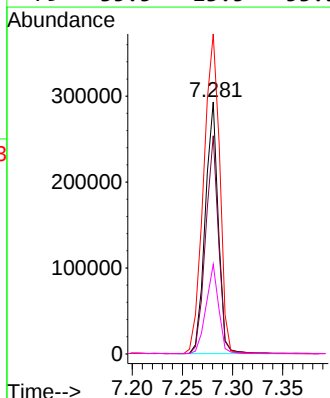
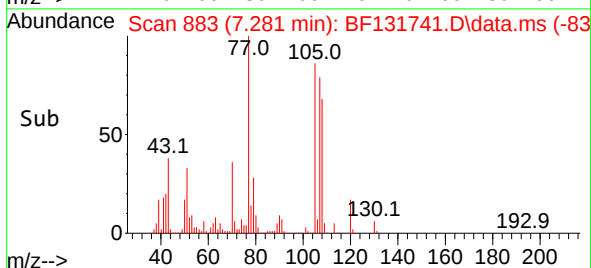
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

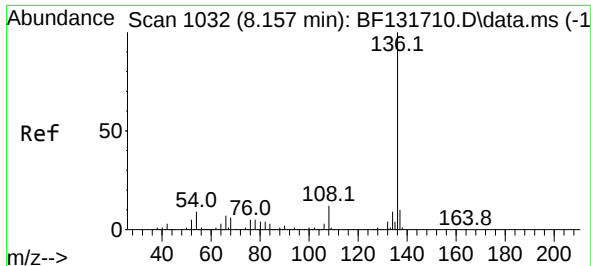


#20
3+4-Methylphenols
Concen: 41.720 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46



Tgt Ion:107 Resp: 263432
Ion Ratio Lower Upper
107 100
108 86.6 65.2 105.2
77 127.0 99.6 139.6
79 35.5 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

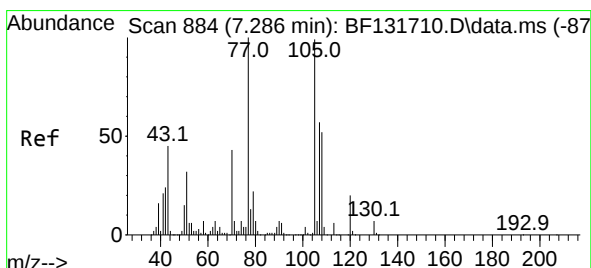
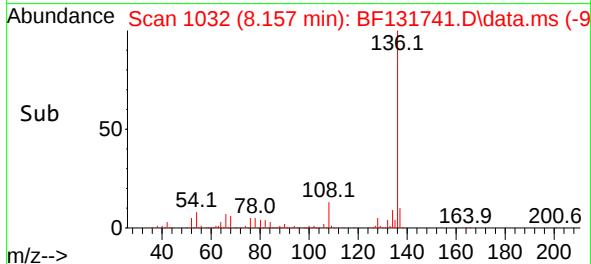
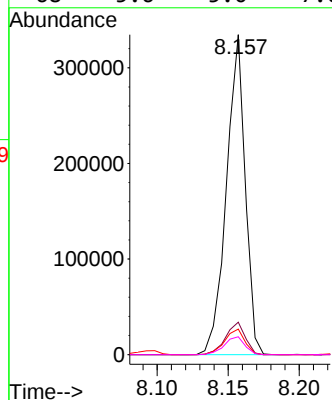
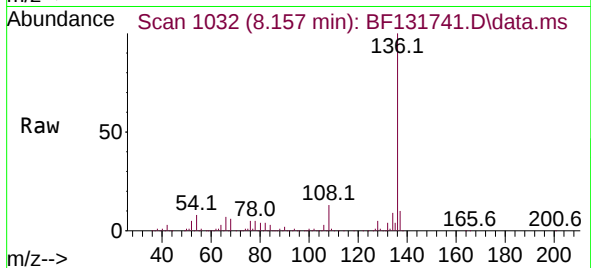
PB149732BS

Tgt Ion:136 Resp: 308052
Ion Ratio Lower Upper
136 100
137 10.1 8.4 12.6
54 8.0 7.2 10.8
68 5.6 5.0 7.6

Manual Integrations

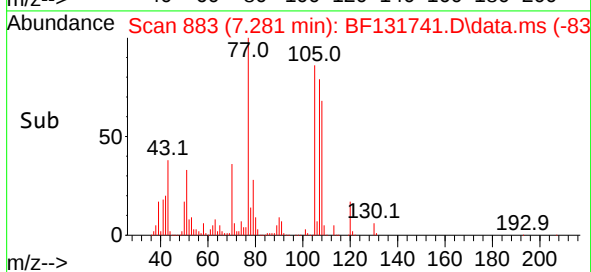
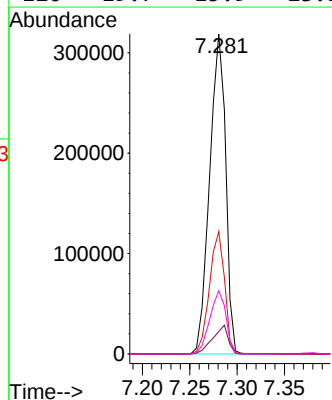
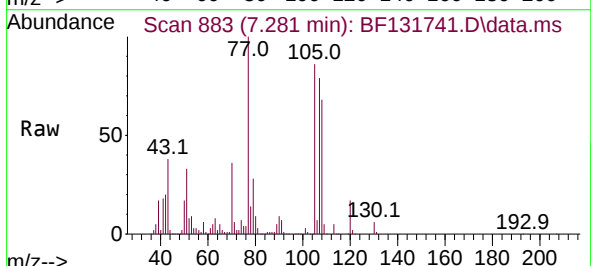
APPROVED

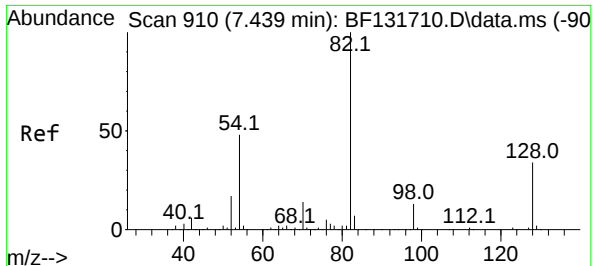
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#22
Acetophenone
Concen: 41.780 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:105 Resp: 375597
Ion Ratio Lower Upper
105 100
71 7.0 5.5 8.3
51 38.2 25.5 38.3
120 19.7 15.9 23.9





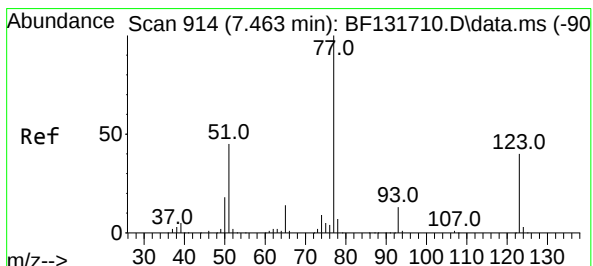
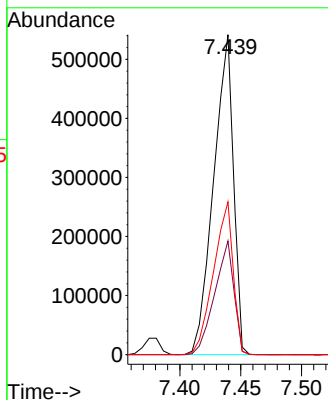
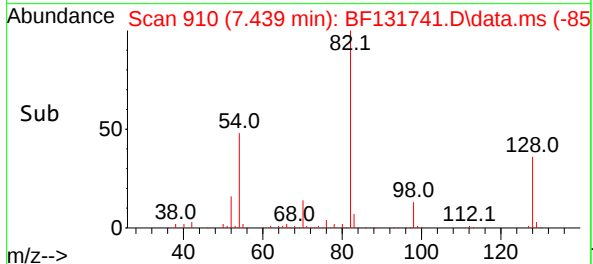
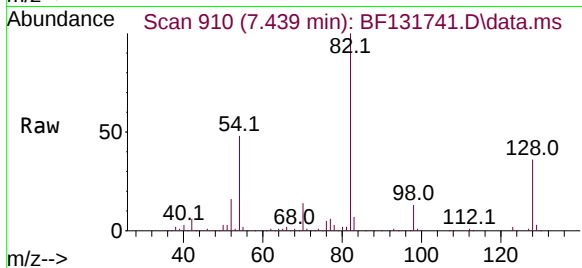
#23
Nitrobenzene-d5
Concen: 80.832 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :
BNA_F
ClientSampleId :
PB149732BS

Tgt Ion: 82 Resp: 613382
Ion Ratio Lower Upper
82 100
128 35.5 27.3 40.9
54 47.8 38.2 57.2

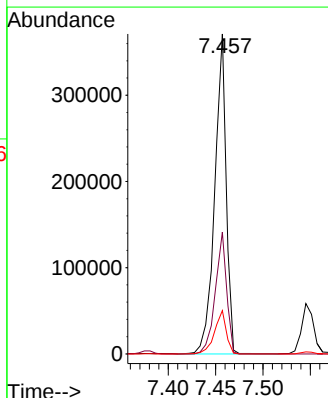
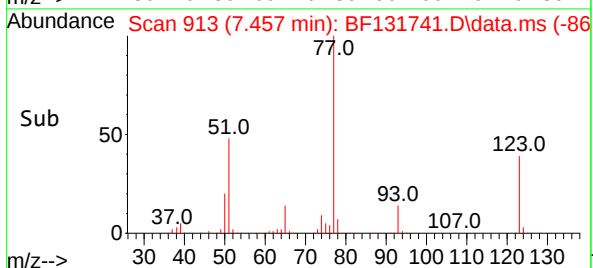
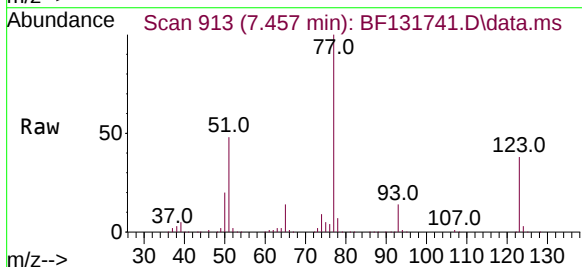
Manual Integrations
APPROVED

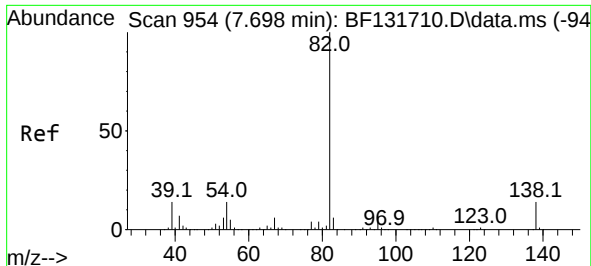
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#24
Nitrobenzene
Concen: 40.617 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion: 77 Resp: 313334
Ion Ratio Lower Upper
77 100
123 38.1 31.8 47.6
65 13.5 10.9 16.3





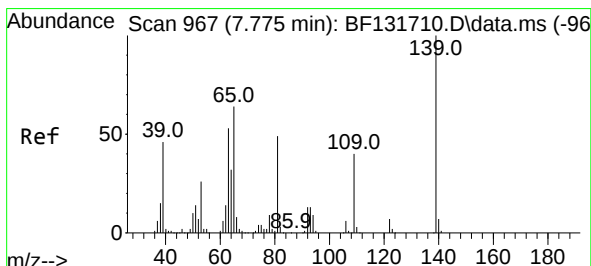
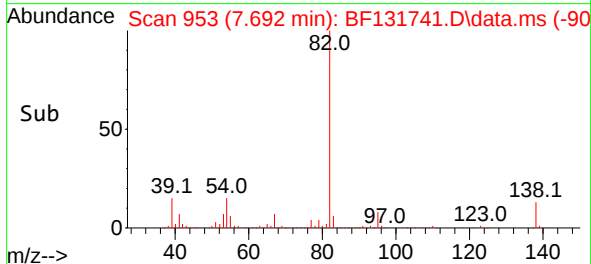
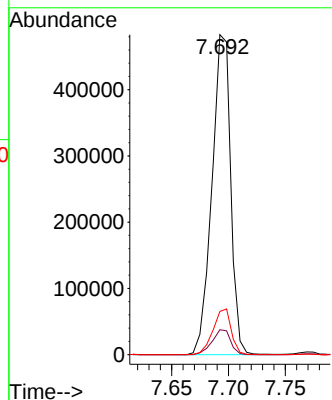
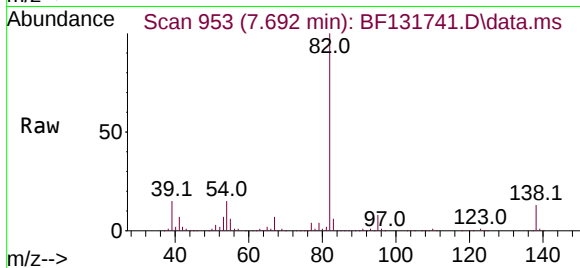
#25
Isophorone
Concen: 43.021 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :
BNA_F
ClientSampleId :
PB149732BS

Tgt Ion: 82 Resp: 554402
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 13.5 11.6 17.4

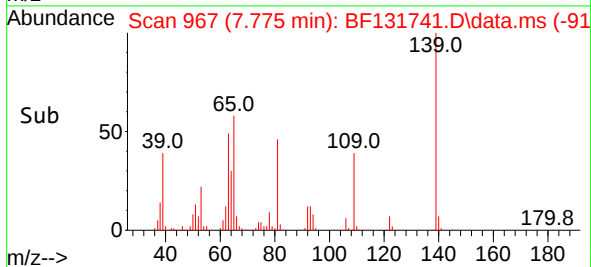
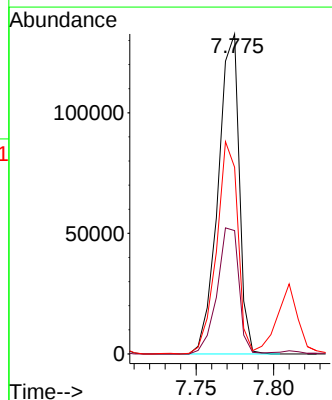
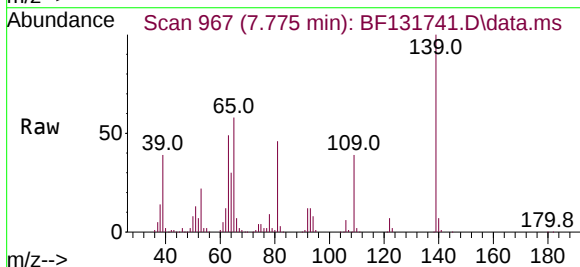
Manual Integrations
APPROVED

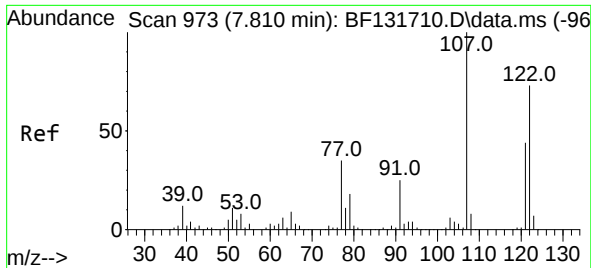
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#26
2-Nitrophenol
Concen: 41.729 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:139 Resp: 125808
Ion Ratio Lower Upper
139 100
109 38.5 31.8 47.6
65 58.3 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 49.776 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131741.D

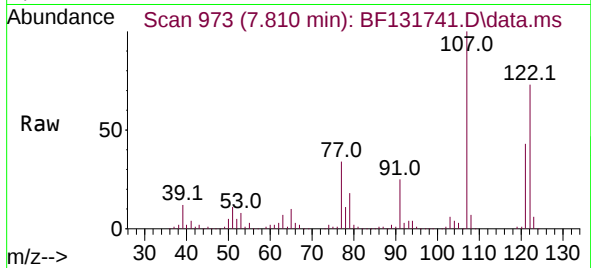
Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS



Tgt Ion:122 Resp: 213740

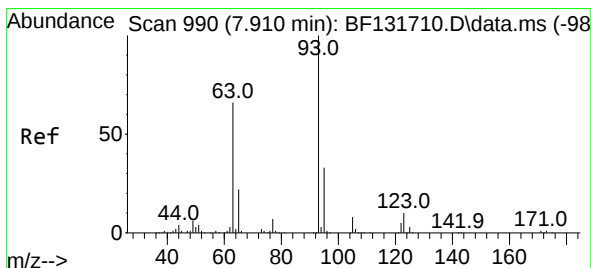
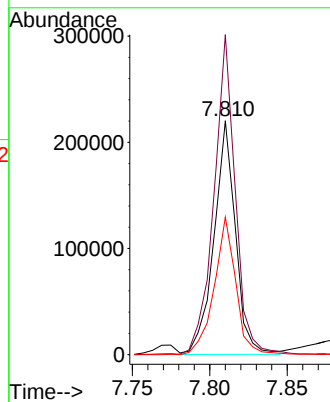
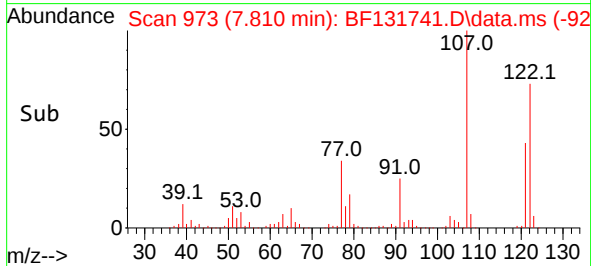
Ion	Ratio	Lower	Upper
122	100		
107	136.8	110.1	165.1
121	58.8	47.9	71.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.999 ng

RT: 7.904 min Scan# 989

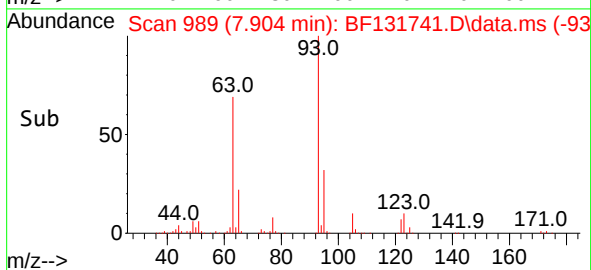
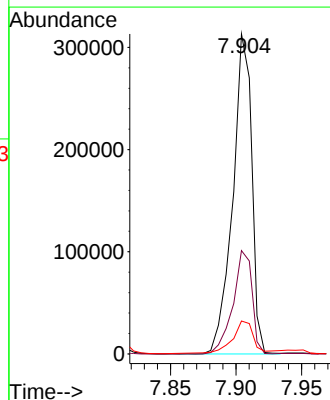
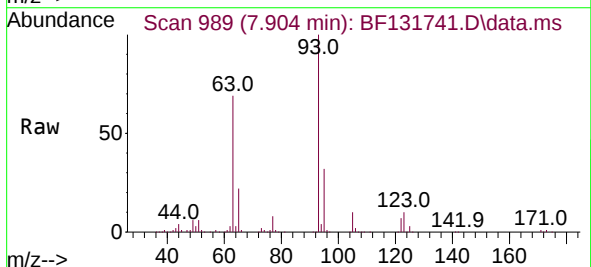
Delta R.T. -0.006 min

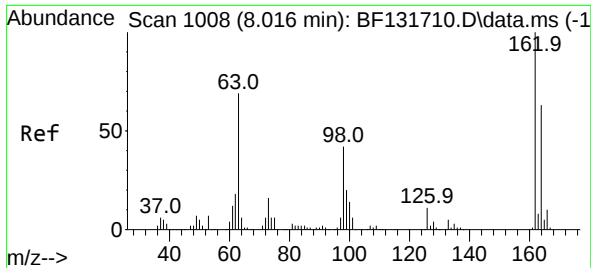
Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Tgt Ion: 93 Resp: 314785

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	10.3	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 41.711 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF131741.D

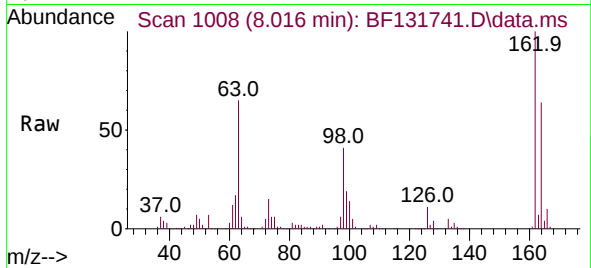
Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

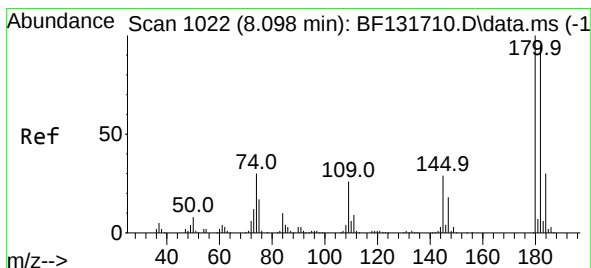
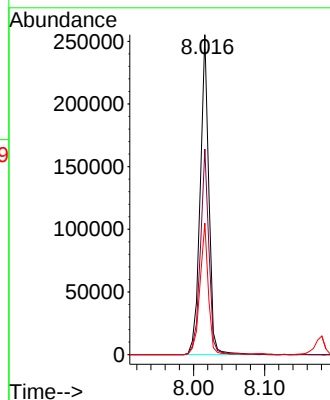
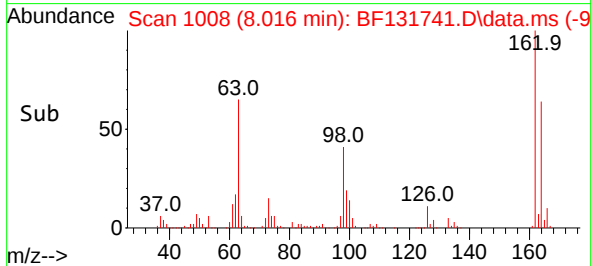


Tgt Ion:	162	Resp:	216225
Ion Ratio	Lower	Upper	
162	100		
164	64.2	42.9	82.9
98	41.1	21.9	61.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.504 ng

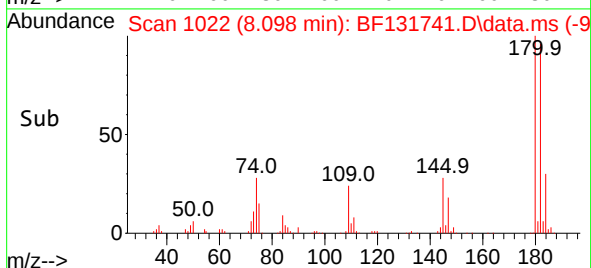
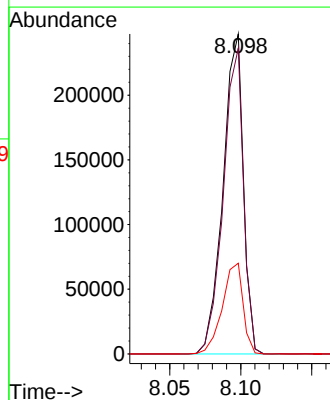
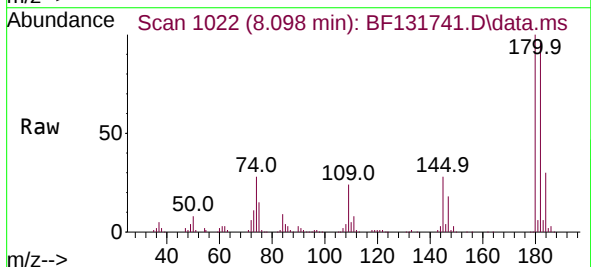
RT: 8.098 min Scan# 1022

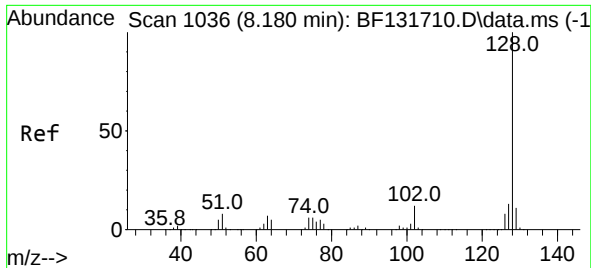
Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Tgt Ion:	180	Resp:	246837
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.1	114.1
145	28.3	23.4	35.0





#31
Naphthalene
Concen: 40.199 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

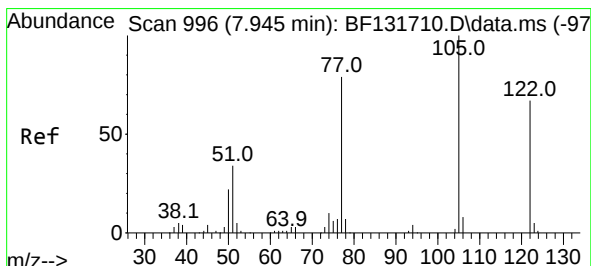
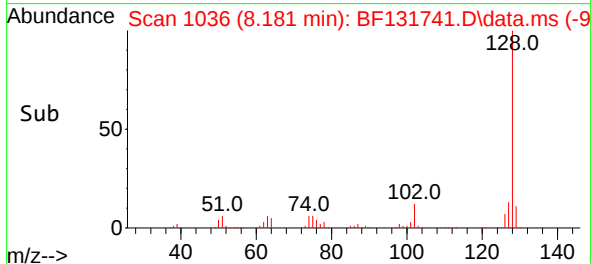
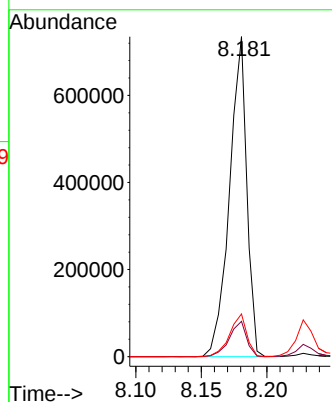
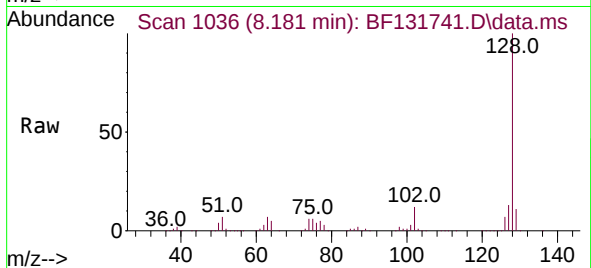
PB149732BS

Tgt Ion:128 Resp: 676300
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.3 10.6 15.8

Manual Integrations

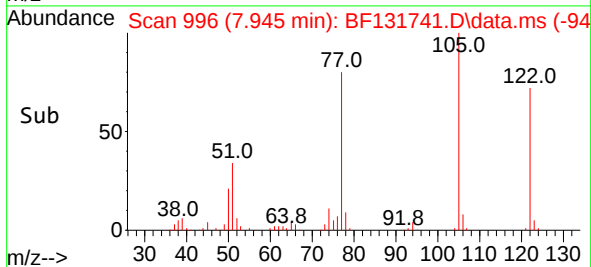
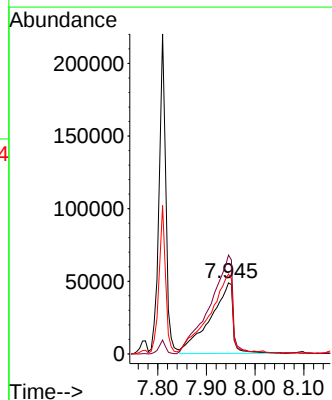
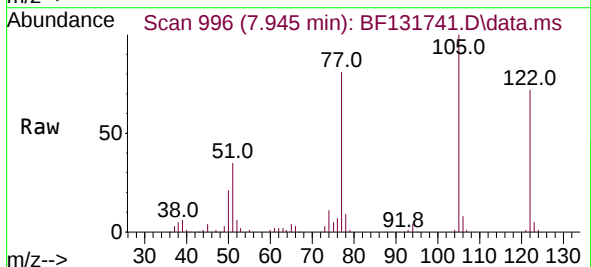
APPROVED

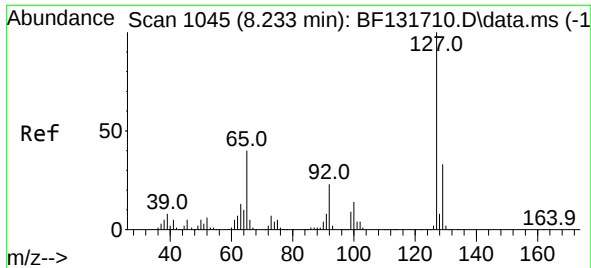
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#32
Benzoic acid
Concen: 46.396 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:122 Resp: 159476
Ion Ratio Lower Upper
122 100
105 139.3 125.1 165.1
77 112.5 95.3 135.3





#33
4-Chloroaniline
Concen: 13.063 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

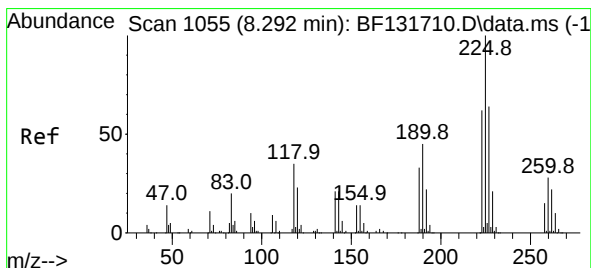
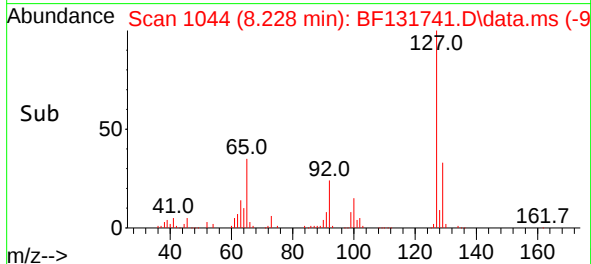
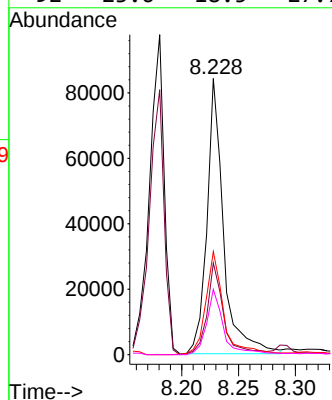
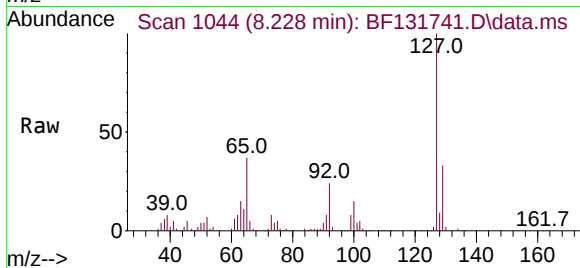
ClientSampleId :

PB149732BS

Tgt Ion:127 Resp: 85700
Ion Ratio Lower Upper
127 100
129 33.2 26.1 39.1
65 37.3 31.8 47.6
92 23.6 18.5 27.7

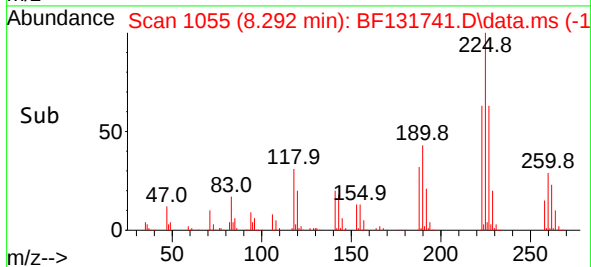
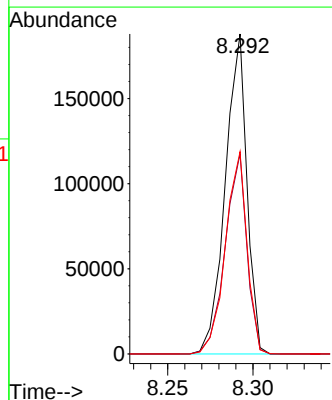
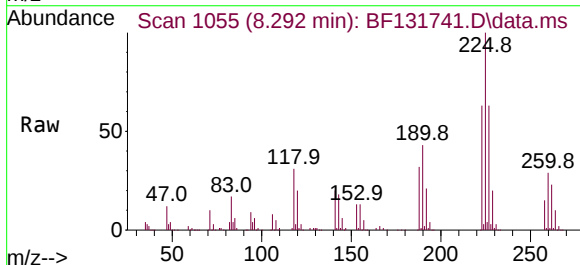
Manual Integrations
APPROVED

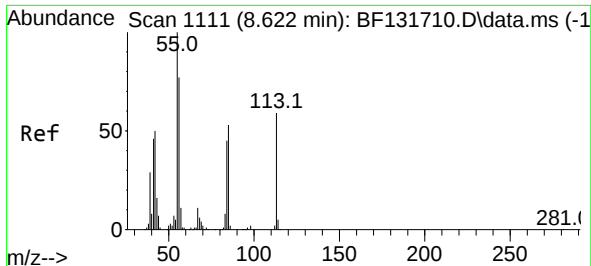
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#34
Hexachlorobutadiene
Concen: 40.353 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

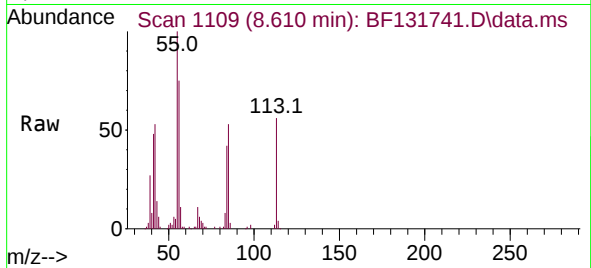
Tgt Ion:225 Resp: 165453
Ion Ratio Lower Upper
225 100
223 62.5 49.5 74.3
227 63.2 51.0 76.4





#35
Caprolactam
Concen: 42.381 ng m
RT: 8.610 min Scan# 1109
Delta R.T. -0.012 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

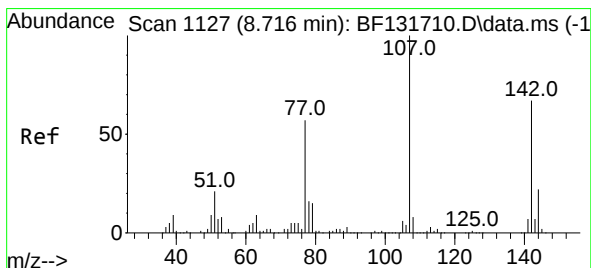
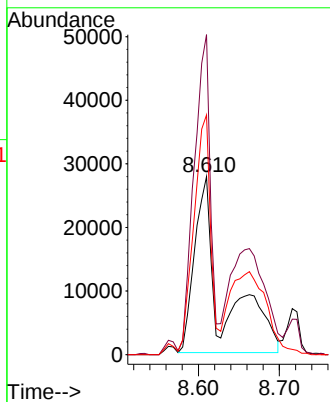
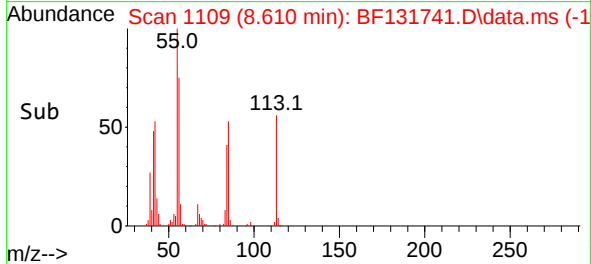
Instrument :
BNA_F
ClientSampleId :
PB149732BS



Tgt Ion:113 Resp: 66246
Ion Ratio Lower Upper
113 100
55 179.8 149.0 189.0
56 134.6 109.5 149.5

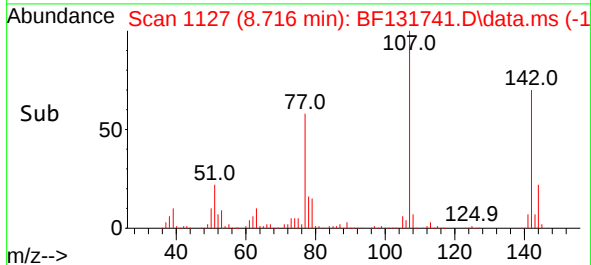
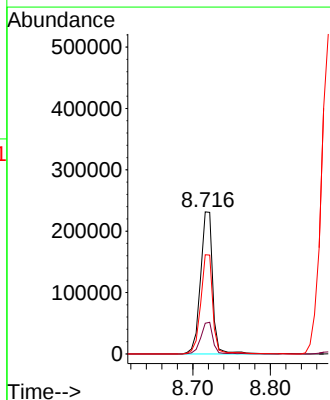
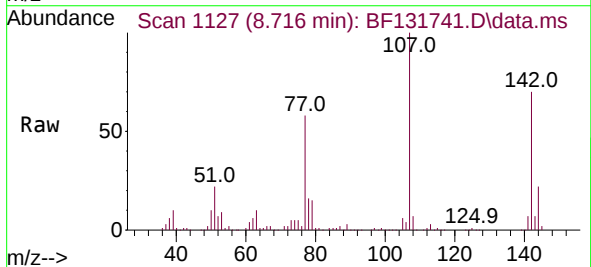
Manual Integrations
APPROVED

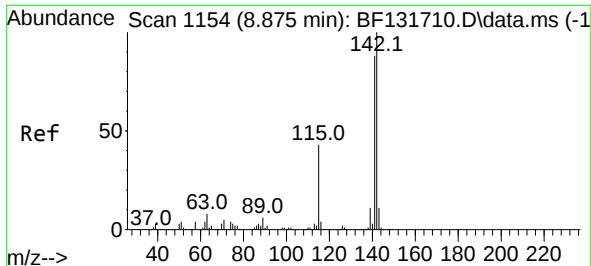
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#36
4-Chloro-3-methylphenol
Concen: 42.641 ng
RT: 8.716 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:107 Resp: 252509
Ion Ratio Lower Upper
107 100
144 21.6 17.5 26.3
142 69.7 53.4 80.0





#37

2-Methylnaphthalene

Concen: 40.324 ng

RT: 8.875 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

Tgt Ion:142 Resp: 462754

Ion Ratio Lower Upper

142 100

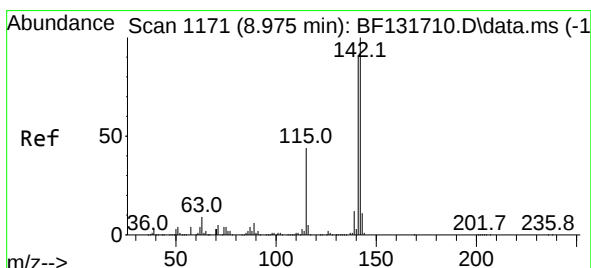
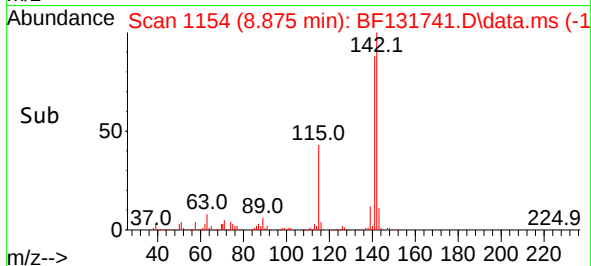
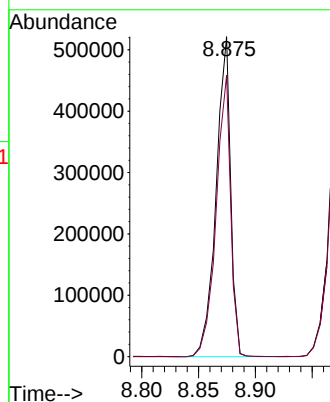
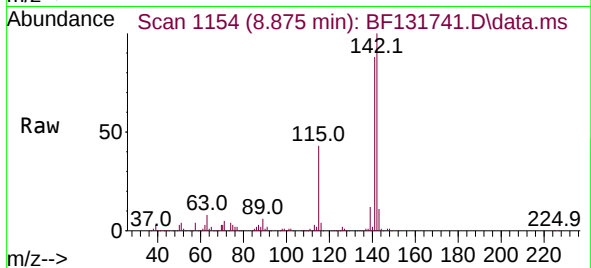
141 87.9 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#38

1-Methylnaphthalene

Concen: 38.464 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF131741.D

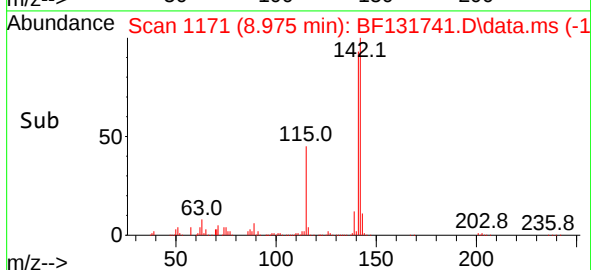
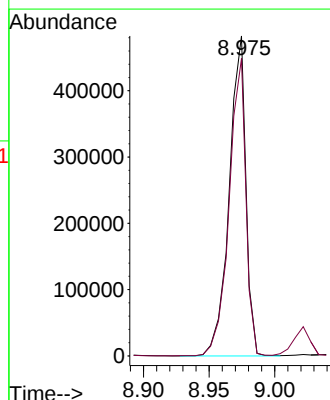
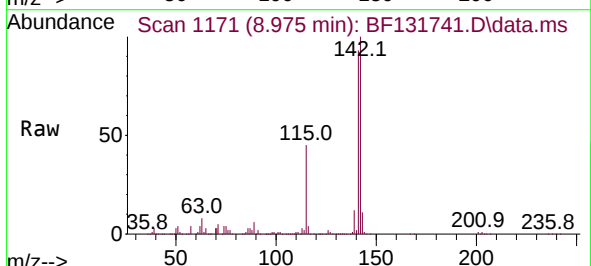
Acq: 21 Dec 2022 11:46

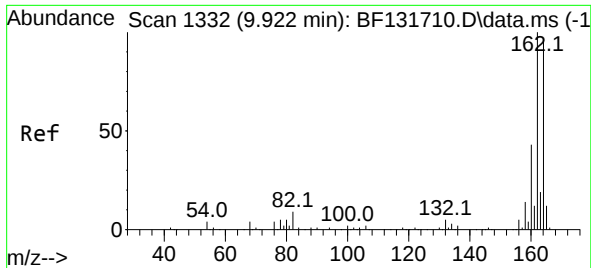
Tgt Ion:142 Resp: 427523

Ion Ratio Lower Upper

142 100

141 92.9 73.0 109.6





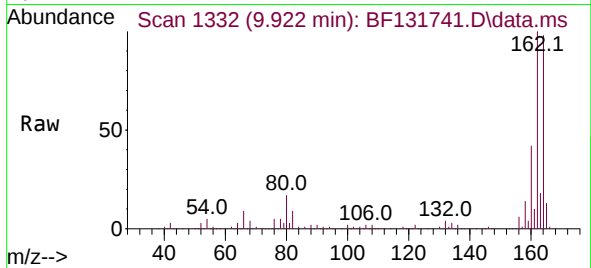
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

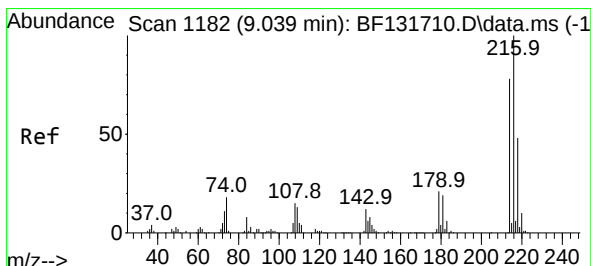
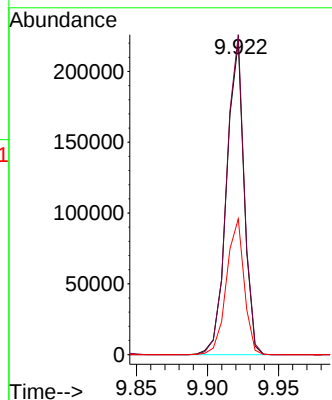
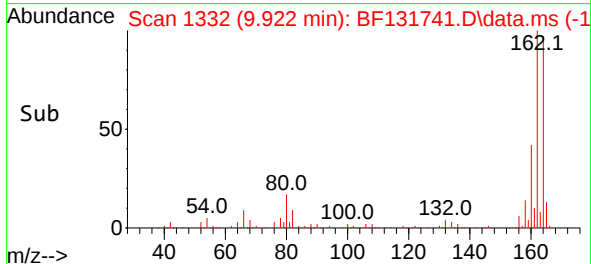


Tgt Ion:164 Resp: 189185
Ion Ratio Lower Upper
164 100
162 102.3 83.7 125.5
160 43.4 36.2 54.4

Manual Integrations

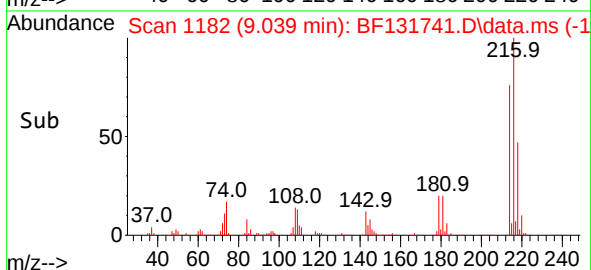
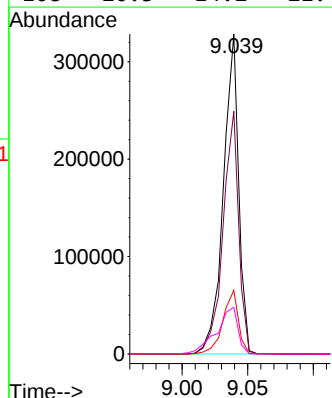
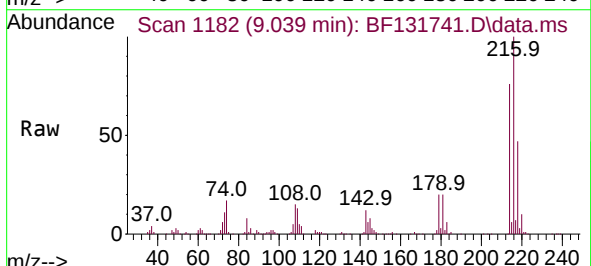
APPROVED

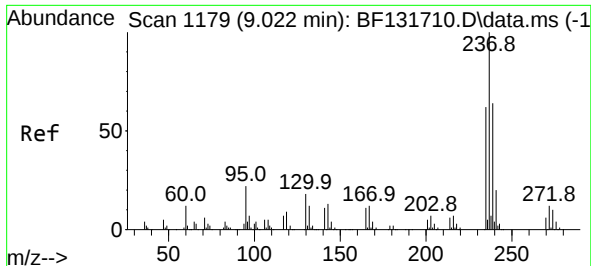
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.394 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:216 Resp: 267925
Ion Ratio Lower Upper
216 100
214 77.2 62.9 94.3
179 20.1 16.3 24.5
108 20.3 14.2 21.4





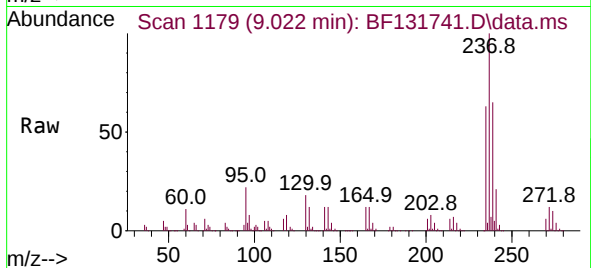
#41
Hexachlorocyclopentadiene
Concen: 112.851 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

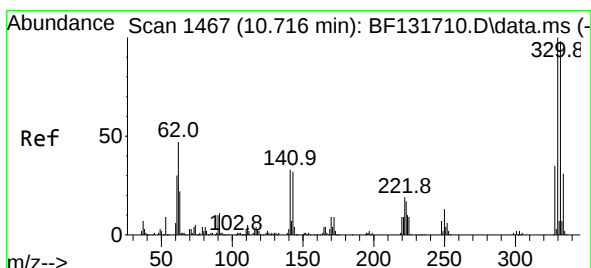
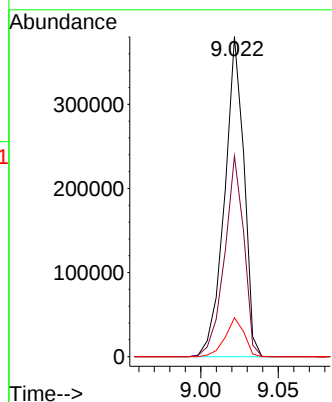
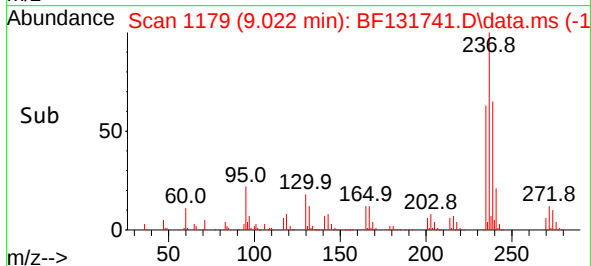


Tgt Ion:237 Resp: 330928
Ion Ratio Lower Upper
237 100
235 62.7 42.2 82.2
272 12.1 0.0 31.7

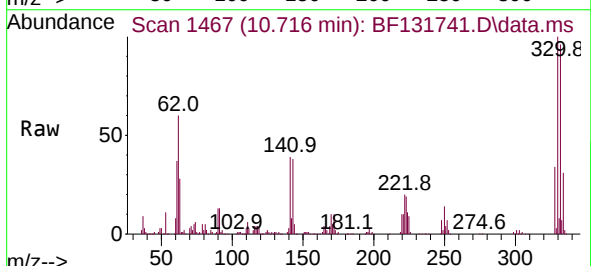
Manual Integrations

APPROVED

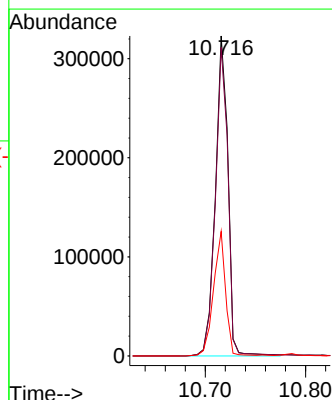
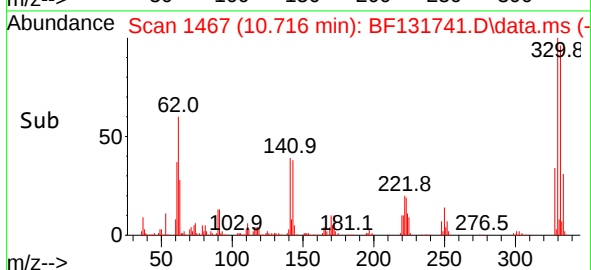
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

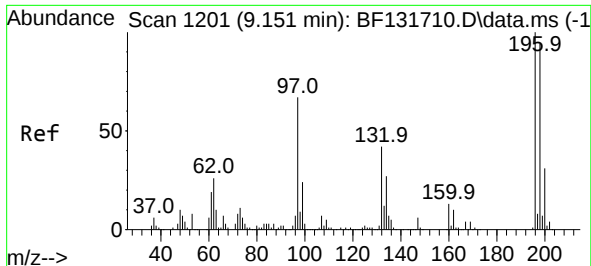


#42
2,4,6-Tribromophenol
Concen: 135.363 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46



Tgt Ion:330 Resp: 280297
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 37.6 30.4 45.6





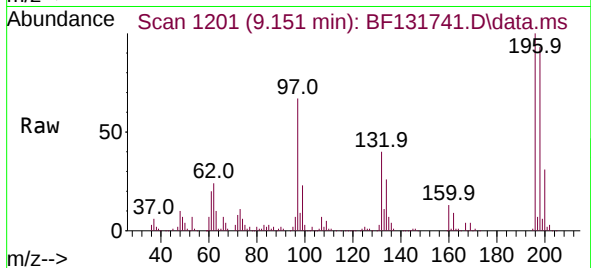
#43
2,4,6-Trichlorophenol
Concen: 40.160 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

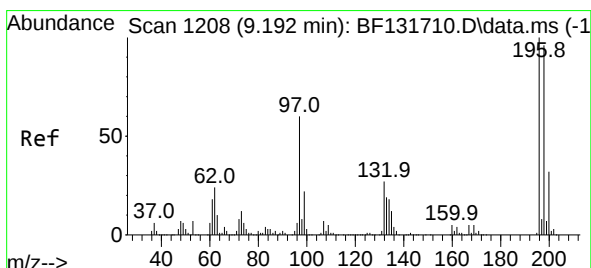
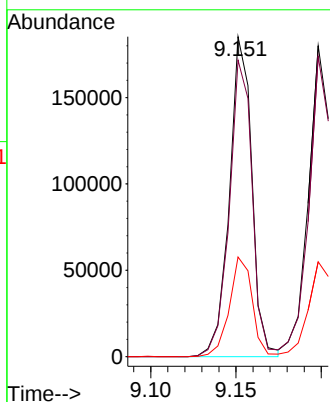
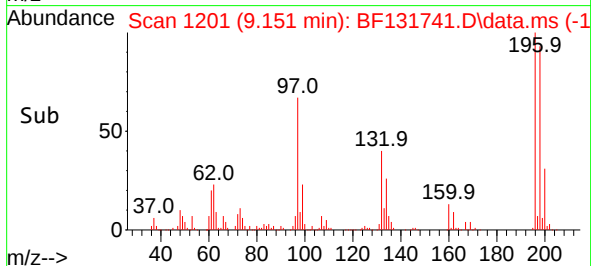


Tgt Ion:196 Resp: 169803
Ion Ratio Lower Upper
196 100
198 92.6 75.5 113.3
200 31.1 25.2 37.8

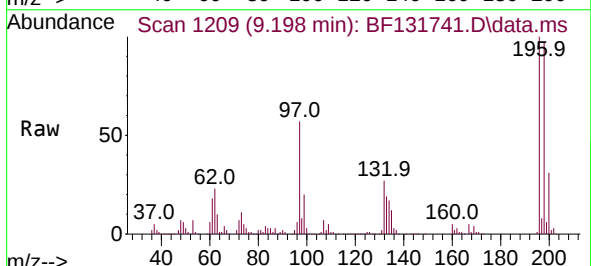
Manual Integrations

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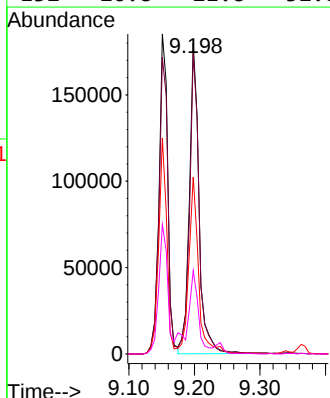
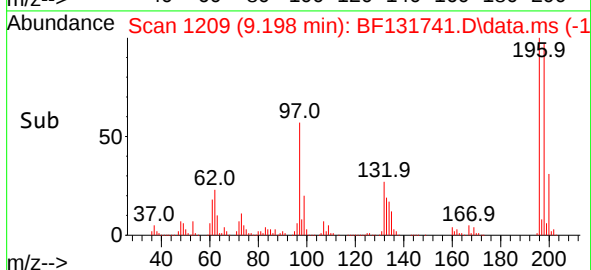
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

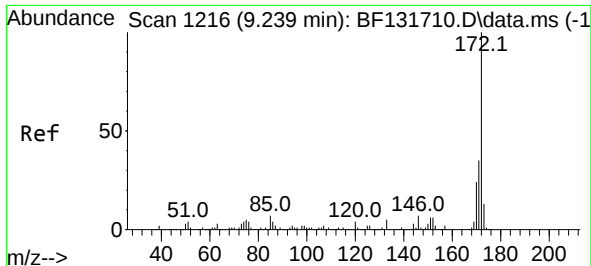


#44
2,4,5-Trichlorophenol
Concen: 40.404 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46



Tgt Ion:196 Resp: 184941
Ion Ratio Lower Upper
196 100
198 96.6 76.6 114.8
97 56.9 47.7 71.5
132 26.8 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 79.740 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

Tgt Ion:172 Resp: 107691

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

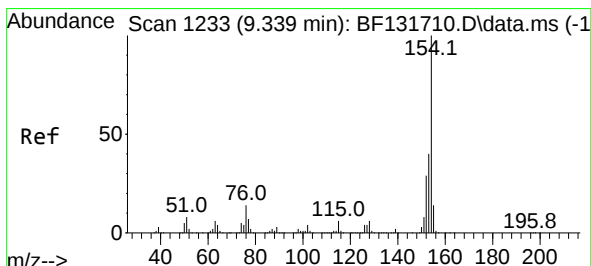
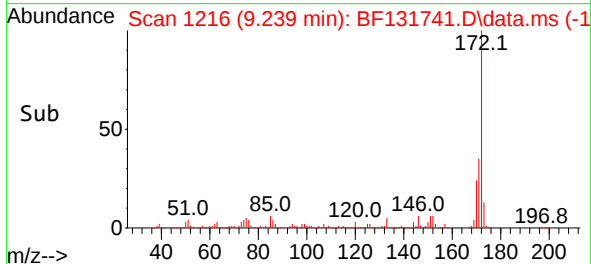
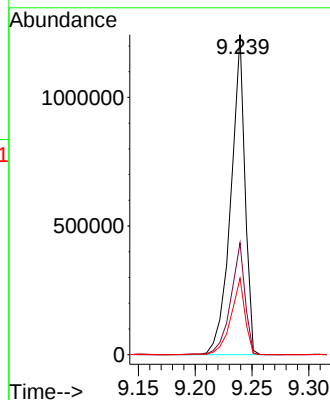
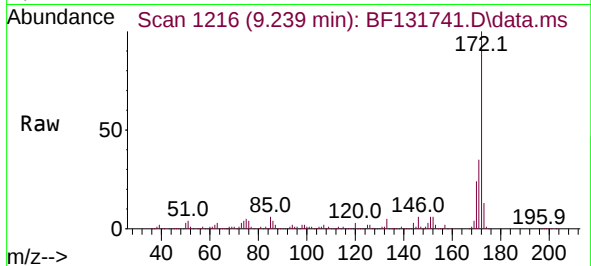
170 23.9 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#46

1,1'-Biphenyl

Concen: 41.290 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

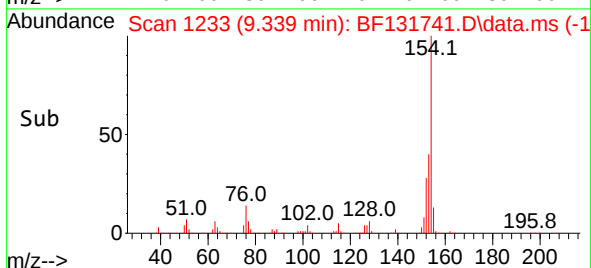
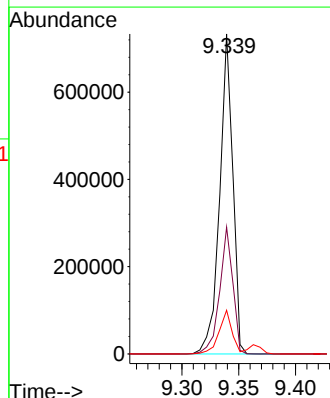
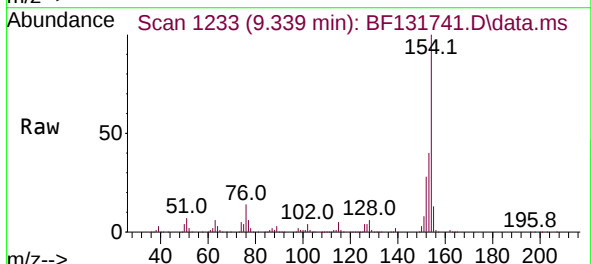
Tgt Ion:154 Resp: 587576

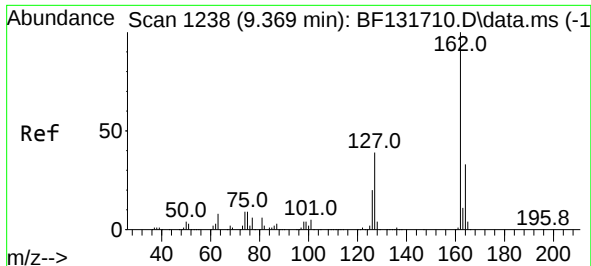
Ion Ratio Lower Upper

154 100

153 39.6 20.1 60.1

76 13.6 0.0 33.6





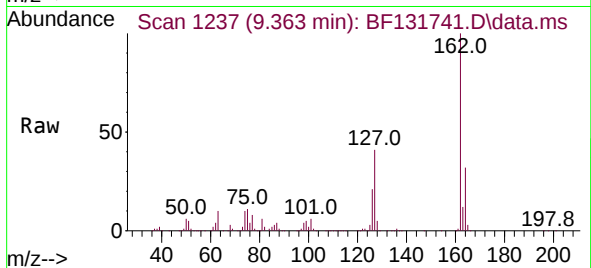
#47
2-Chloronaphthalene
Concen: 40.297 ng
RT: 9.363 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

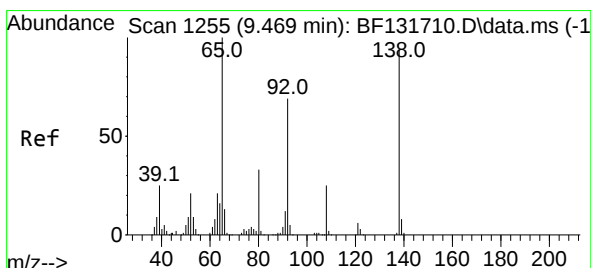
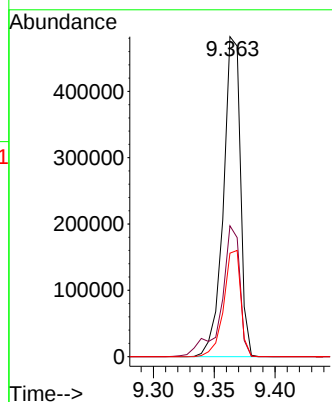
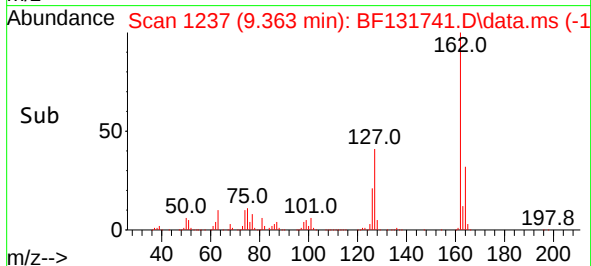


Tgt Ion:162 Resp: 469564
Ion Ratio Lower Upper
162 100
127 40.9 31.4 47.2
164 32.3 26.6 39.8

Manual Integrations

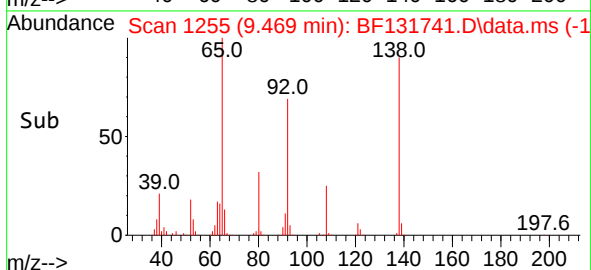
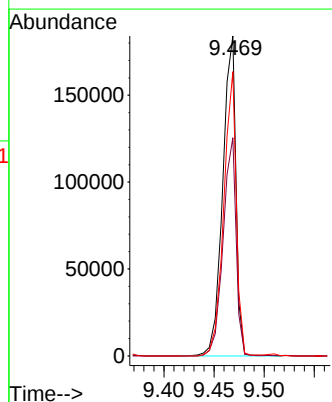
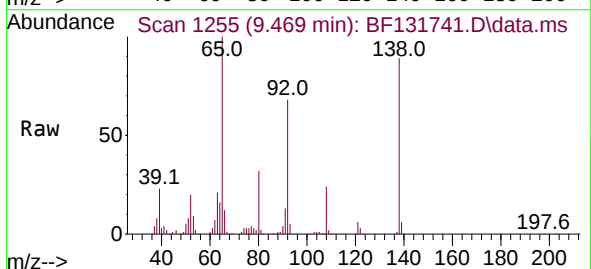
APPROVED

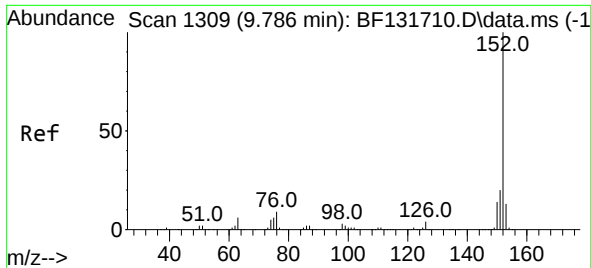
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#48
2-Nitroaniline
Concen: 40.421 ng
RT: 9.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion: 65 Resp: 169764
Ion Ratio Lower Upper
65 100
92 68.2 55.5 83.3
138 88.8 74.8 112.2





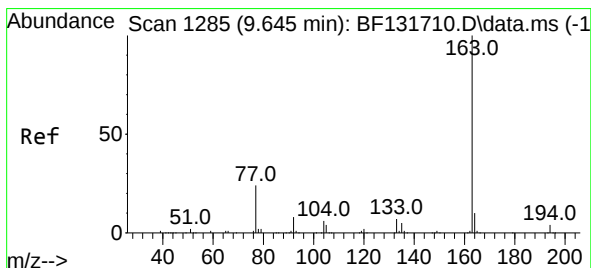
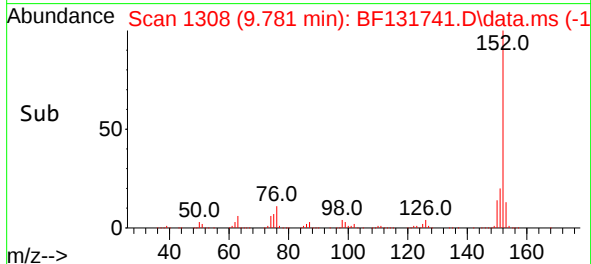
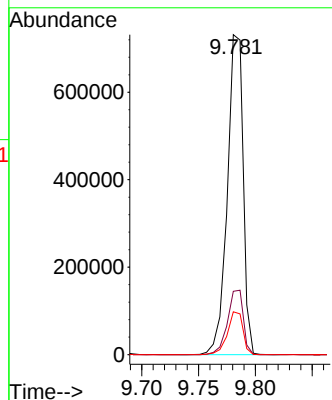
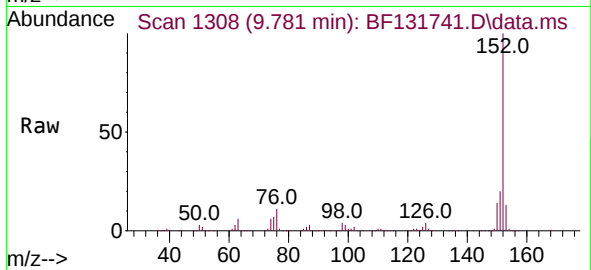
#49
Acenaphthylene
Concen: 40.483 ng
RT: 9.781 min Scan# 1309
Delta R.T. -0.005 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :
BNA_F
ClientSampleId :
PB149732BS

Tgt Ion:152 Resp: 707542
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.4 10.6 15.8

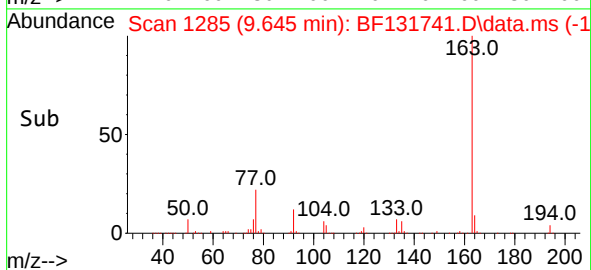
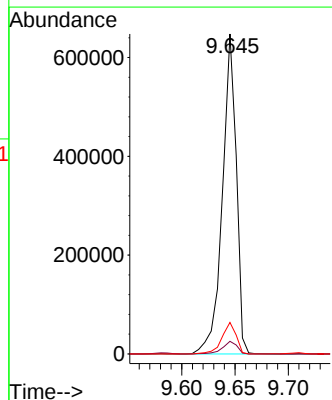
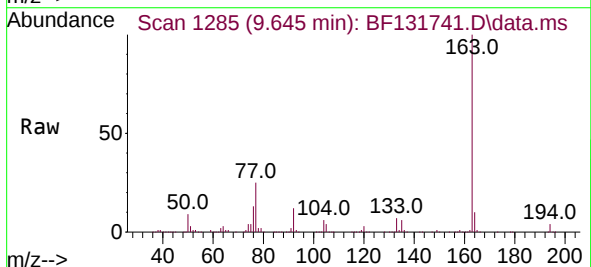
Manual Integrations
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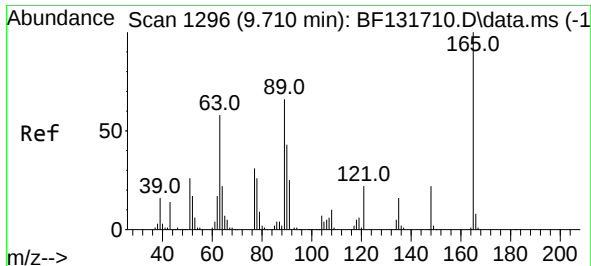
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#50
Dimethylphthalate
Concen: 41.457 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:163 Resp: 590149
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.8 8.2 12.4





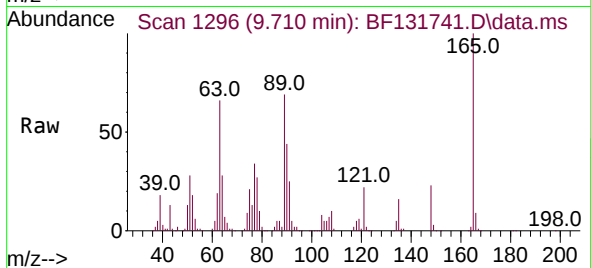
#51
2,6-Dinitrotoluene
Concen: 41.569 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

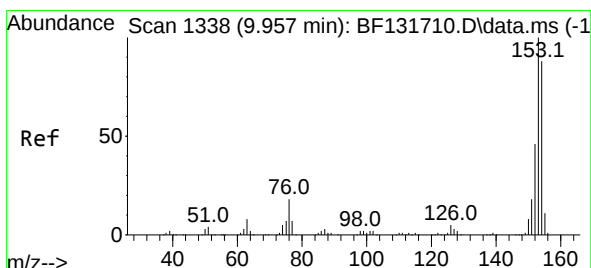
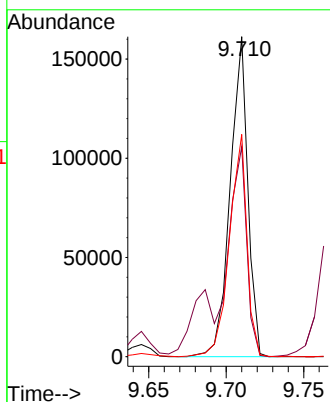
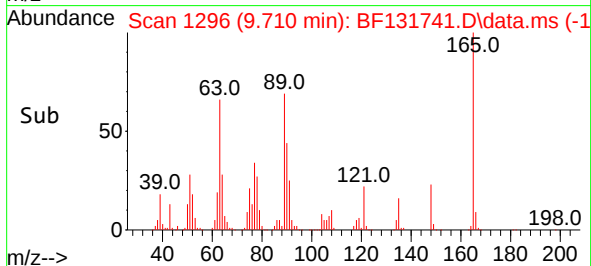


Tgt Ion:165 Resp: 12724
Ion Ratio Lower Upper
165 100
63 65.6 51.8 77.8
89 69.4 53.2 79.8

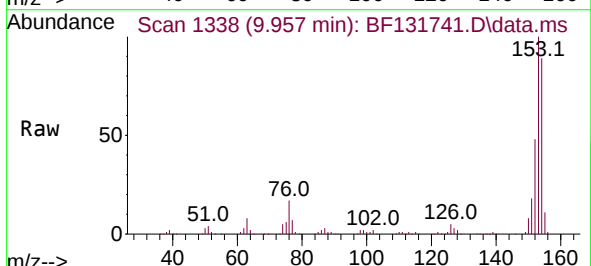
Manual Integrations

APPROVED

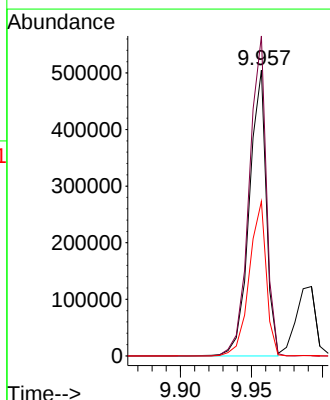
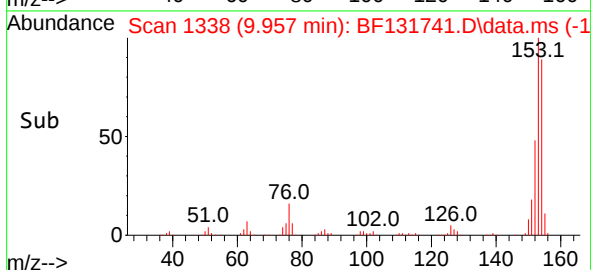
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

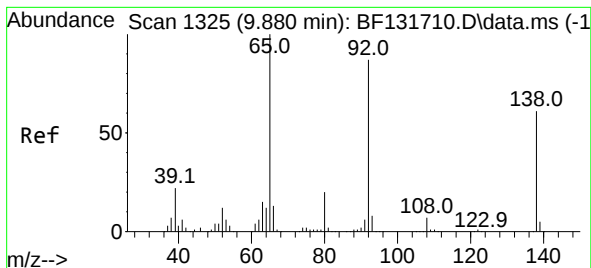


#52
Acenaphthene
Concen: 39.157 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46



Tgt Ion:154 Resp: 419237
Ion Ratio Lower Upper
154 100
153 112.0 90.4 135.6
152 54.1 42.0 63.0





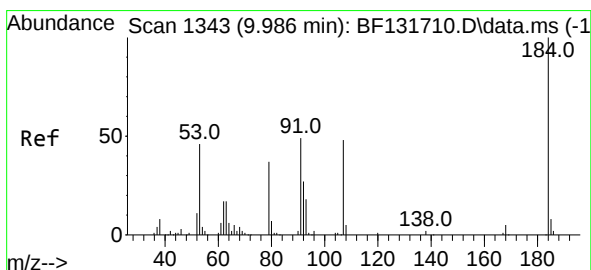
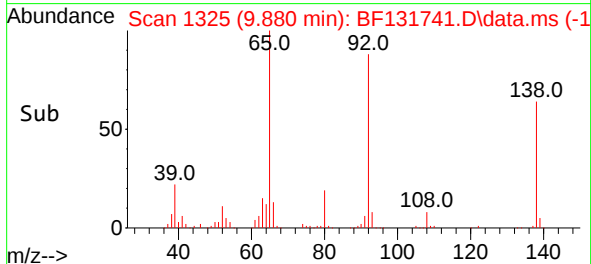
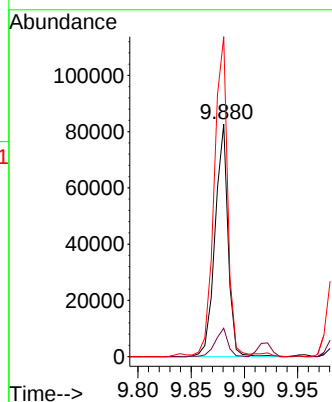
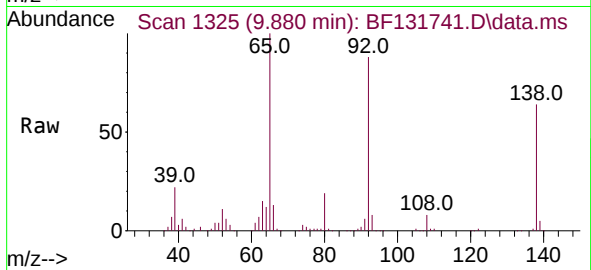
#53
3-Nitroaniline
Concen: 22.411 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :
BNA_F
ClientSampleId :
PB149732BS

Tgt Ion:138 Resp: 70191
Ion Ratio Lower Upper
138 100
108 12.3 9.2 13.8
92 137.7 114.6 171.8

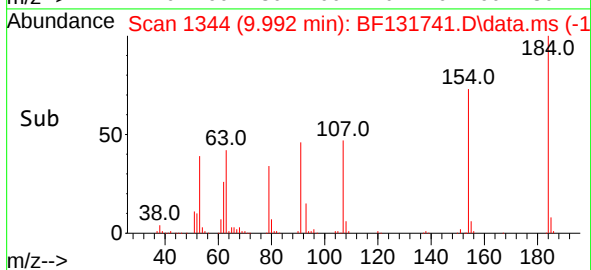
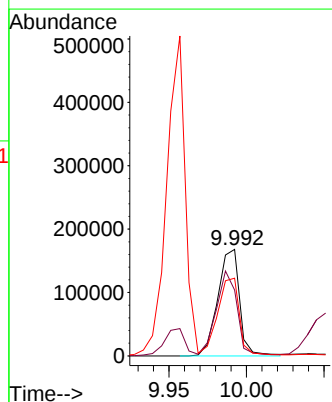
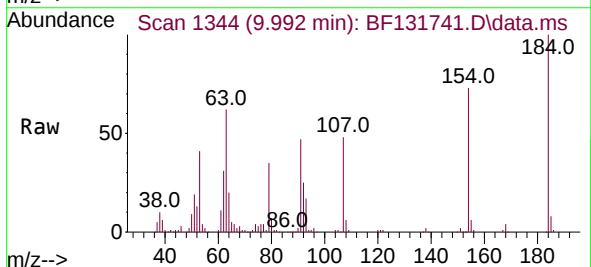
Manual Integrations
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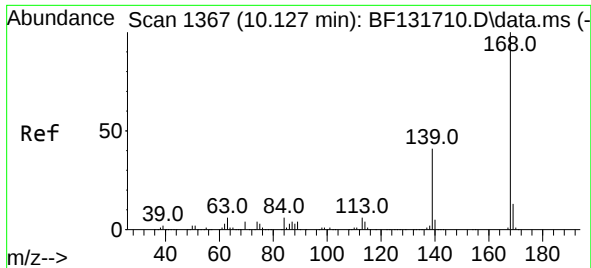
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#54
2,4-Dinitrophenol
Concen: 89.726 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

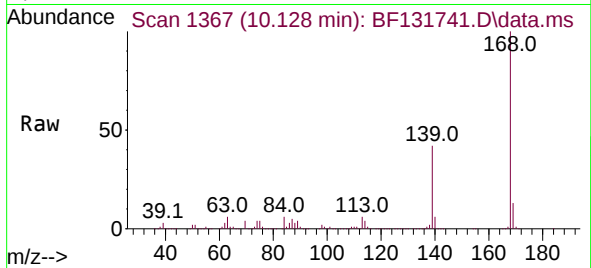
Tgt Ion:184 Resp: 164562
Ion Ratio Lower Upper
184 100
63 61.8 55.8 83.8
154 72.9 57.1 85.7





#55
Dibenzofuran
Concen: 40.424 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

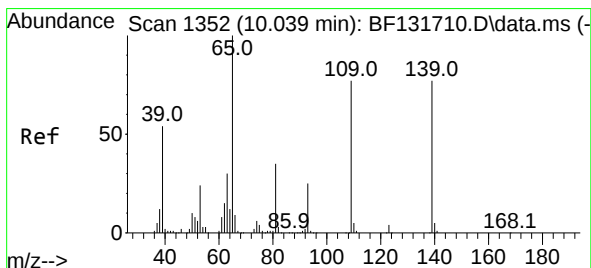
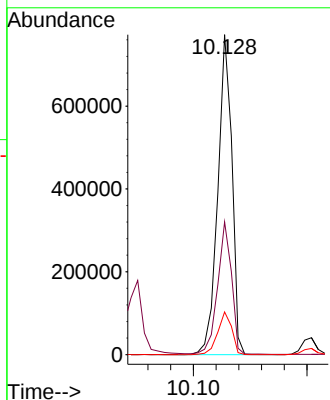
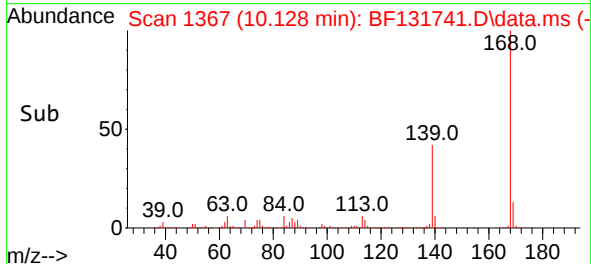
Instrument :
BNA_F
ClientSampleId :
PB149732BS



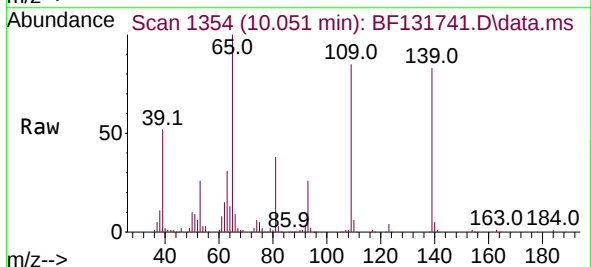
Tgt Ion:168 Resp: 663672
Ion Ratio Lower Upper
168 100
139 41.5 32.7 49.1
169 13.3 10.6 16.0

Manual Integrations
APPROVED

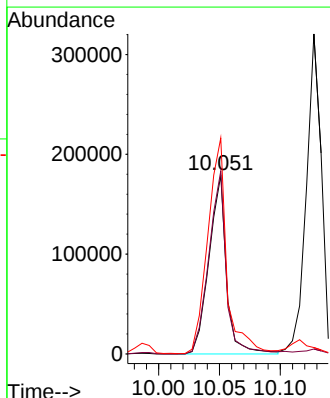
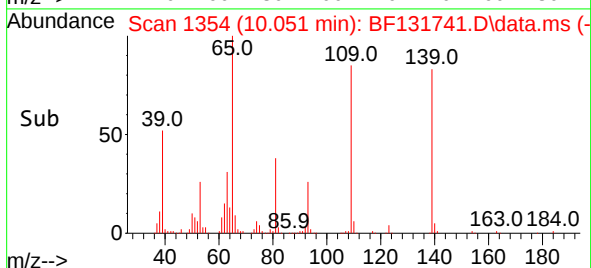
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

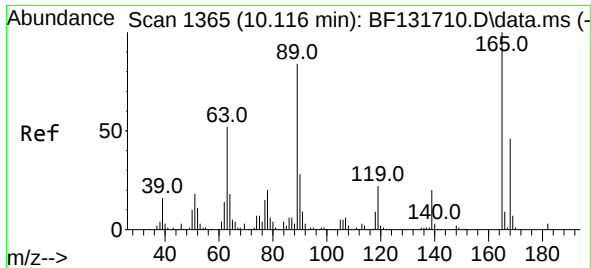


#56
4-Nitrophenol
Concen: 79.643 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46



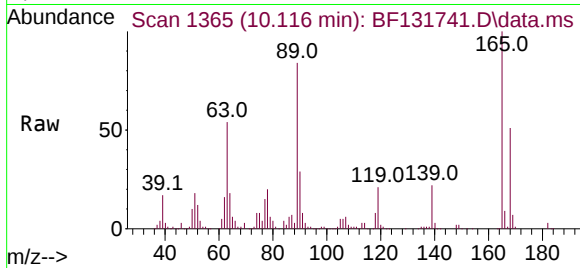
Tgt Ion:139 Resp: 178530
Ion Ratio Lower Upper
139 100
109 102.3 79.9 119.9
65 120.9 110.2 150.2





#57
2,4-Dinitrotoluene
Concen: 43.231 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

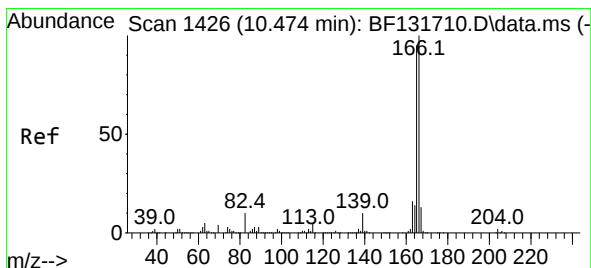
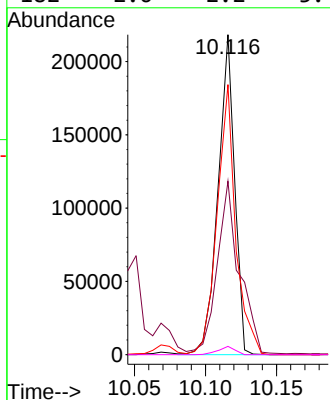
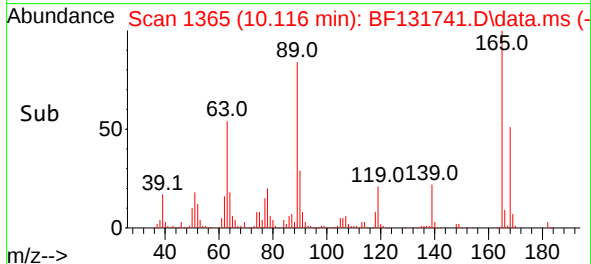
Instrument :
BNA_F
ClientSampleId :
PB149732BS



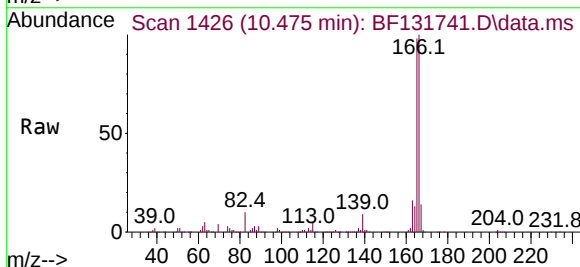
Tgt Ion:165 Resp: 177814
Ion Ratio Lower Upper
165 100
63 54.2 41.5 62.3
89 84.4 67.0 100.4
182 2.6 2.2 3.4

Manual Integrations
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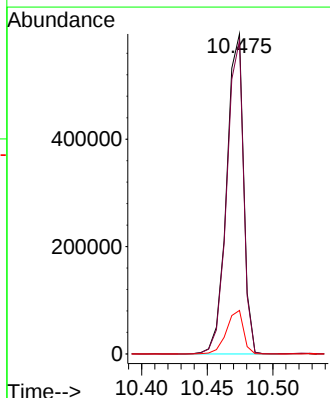
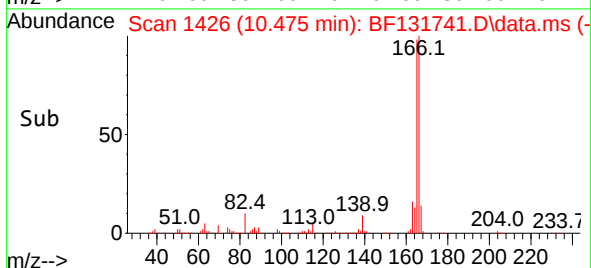
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

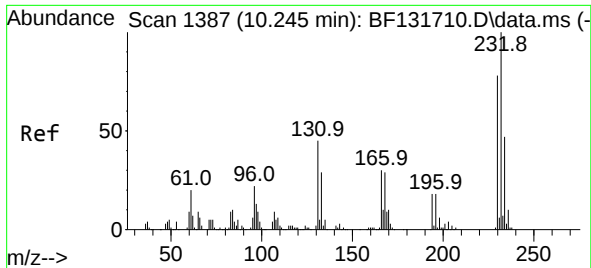


#58
Fluorene
Concen: 40.425 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46



Tgt Ion:166 Resp: 536591
Ion Ratio Lower Upper
166 100
165 98.0 75.8 113.8
167 13.6 10.6 15.8





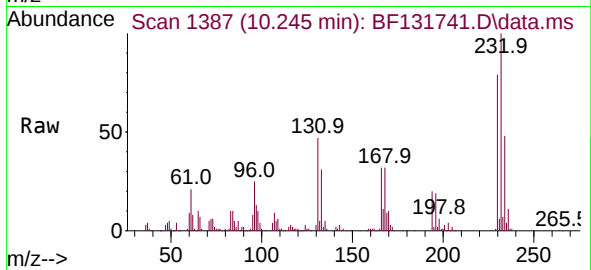
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.727 ng m
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

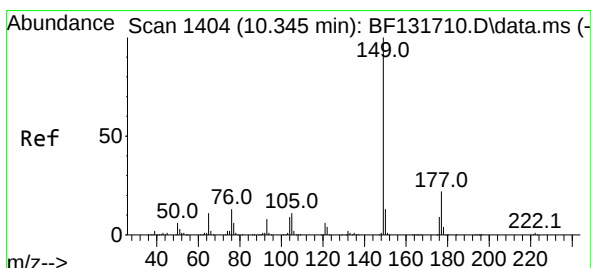
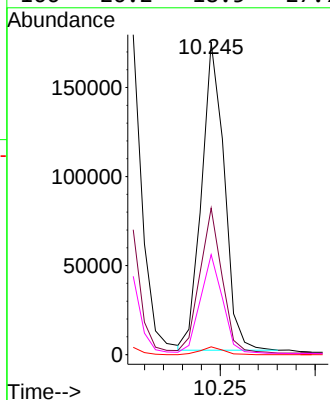
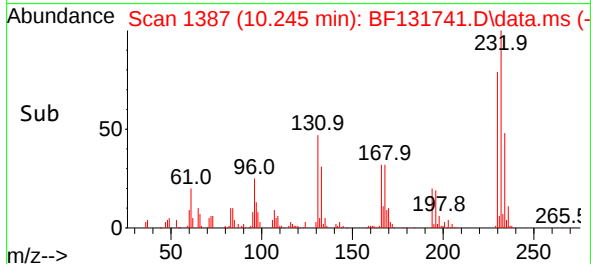


Tgt Ion:232 Resp: 144164
Ion Ratio Lower Upper
232 100
131 44.2 29.9 44.9
130 2.5 1.7 2.5
166 26.2 18.5 27.7

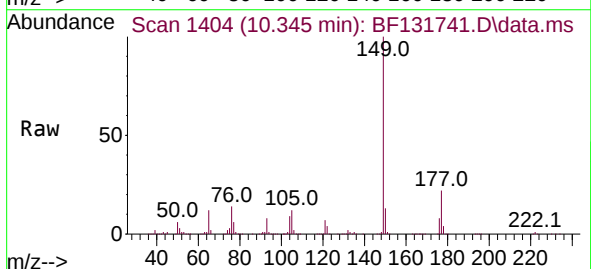
Manual Integrations

APPROVED

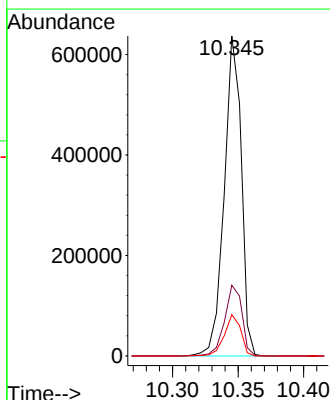
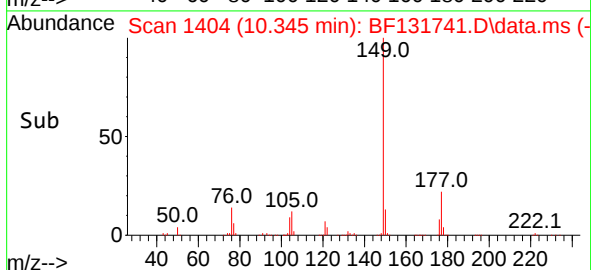
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

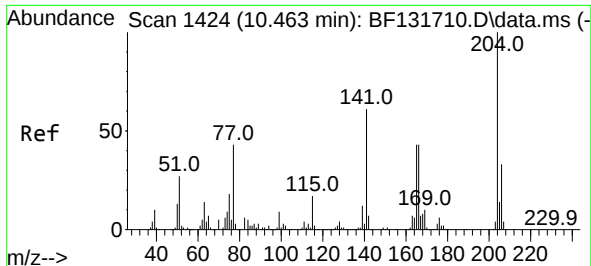


#60
Diethylphthalate
Concen: 41.997 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46



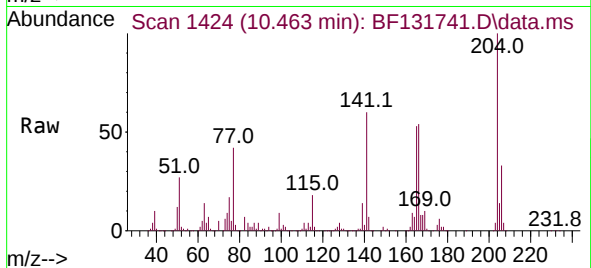
Tgt Ion:149 Resp: 576048
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.0
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.314 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

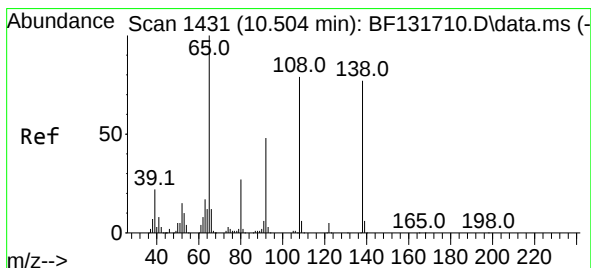
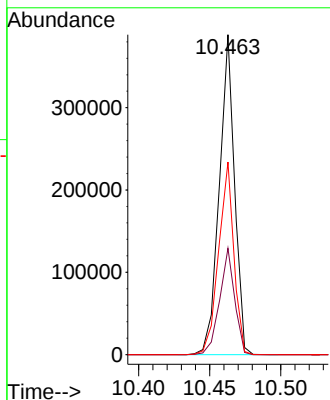
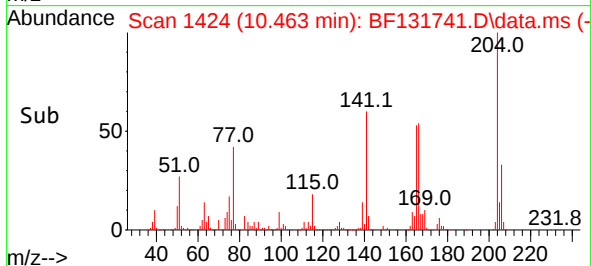
Instrument :
BNA_F
ClientSampleId :
PB149732BS



Tgt Ion:204 Resp: 291476
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 60.2 48.6 72.8

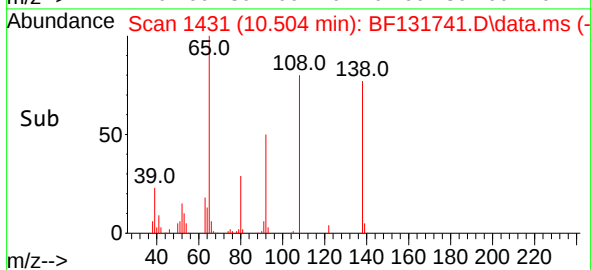
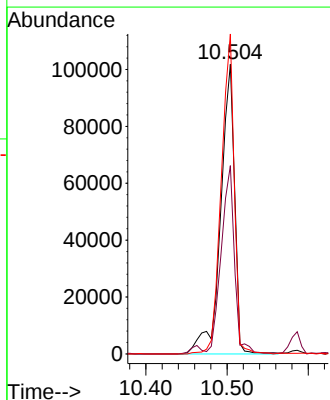
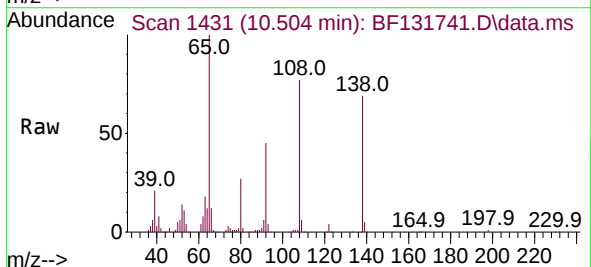
Manual Integrations
APPROVED

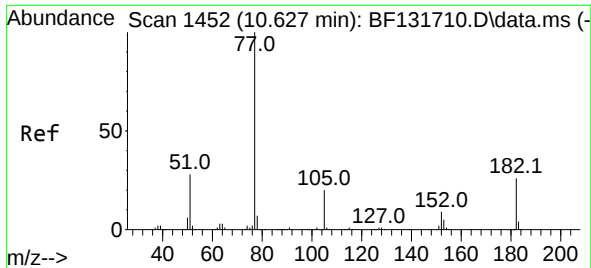
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#62
4-Nitroaniline
Concen: 38.452 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:138 Resp: 121203
Ion Ratio Lower Upper
138 100
92 65.0 42.1 82.1
108 110.5 83.1 123.1





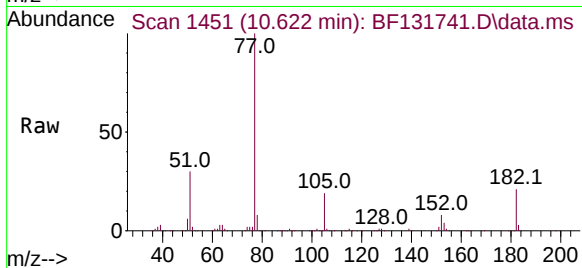
#63
Azobenzene
Concen: 40.813 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

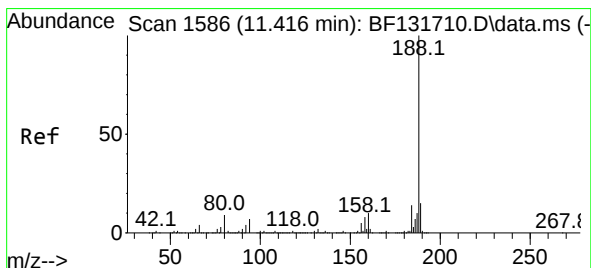
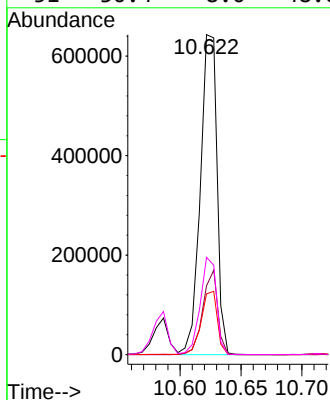
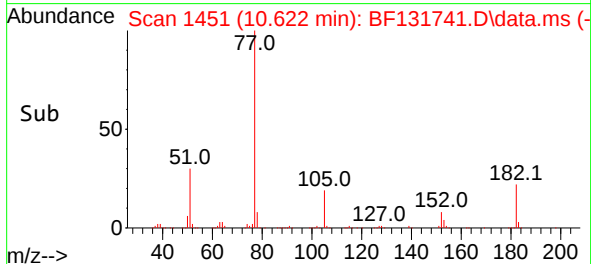


Tgt Ion: 77 Resp: 614752
Ion Ratio Lower Upper
77 100
182 21.5 5.8 45.8
105 19.0 0.0 39.7
51 30.4 8.0 48.0

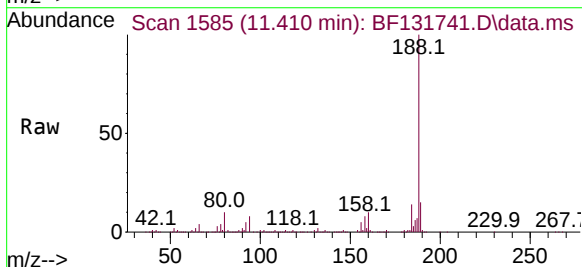
Manual Integrations

APPROVED

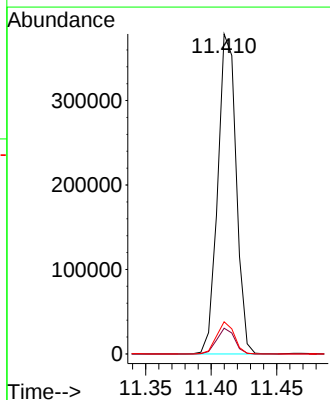
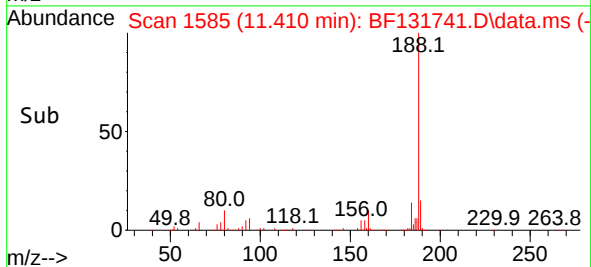
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

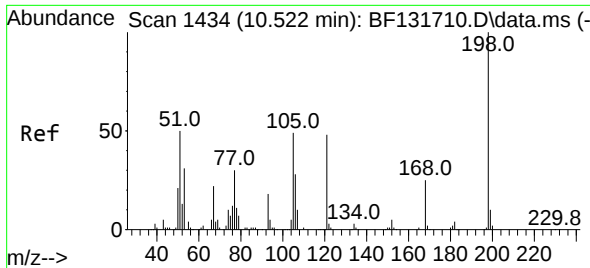


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46



Tgt Ion:188 Resp: 371680
Ion Ratio Lower Upper
188 100
94 8.0 5.9 8.9
80 10.0 7.0 10.6





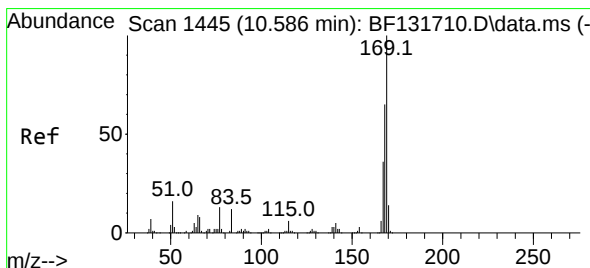
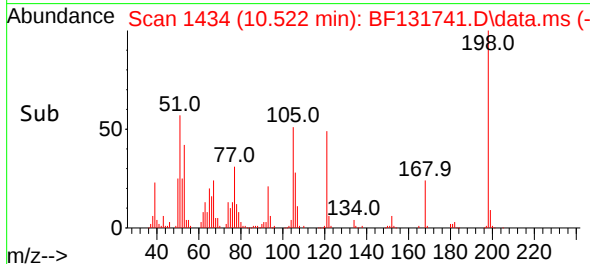
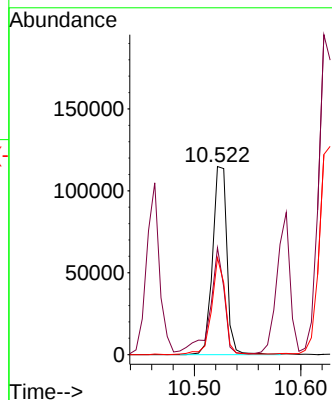
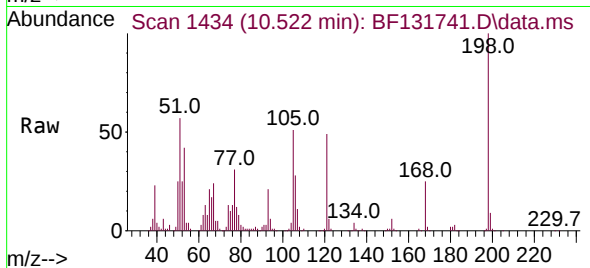
#65
4,6-Dinitro-2-methylphenol
Concen: 42.332 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :
BNA_F
ClientSampleId :
PB149732BS

Tgt Ion:198 Resp: 108024
Ion Ratio Lower Upper
198 100
51 56.8 34.1 74.1
105 51.4 29.7 69.7

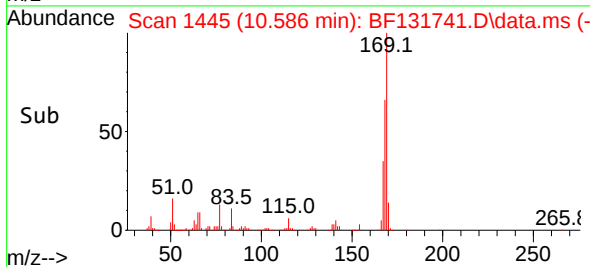
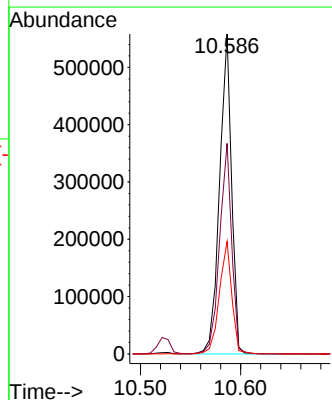
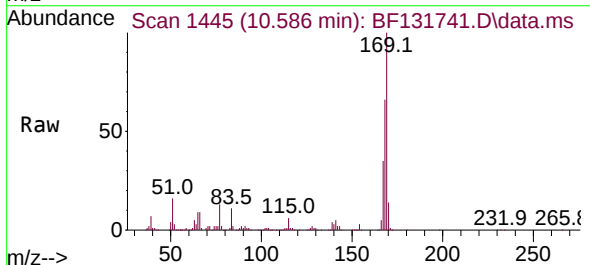
Manual Integrations
APPROVED

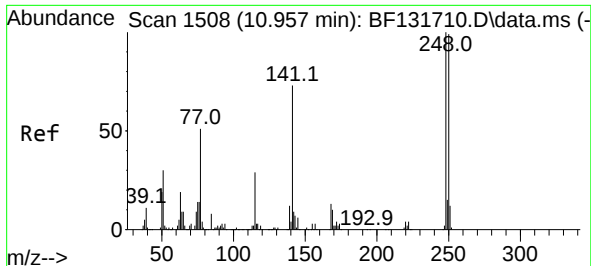
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#66
n-Nitrosodiphenylamine
Concen: 40.425 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:169 Resp: 465944
Ion Ratio Lower Upper
169 100
168 65.8 52.4 78.6
167 35.1 28.6 42.8





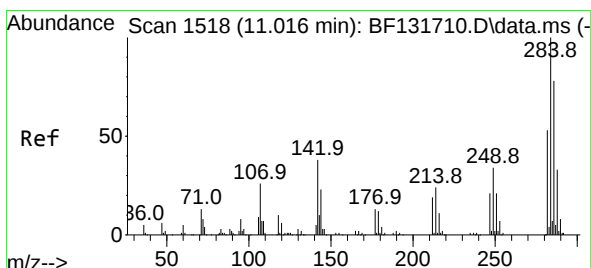
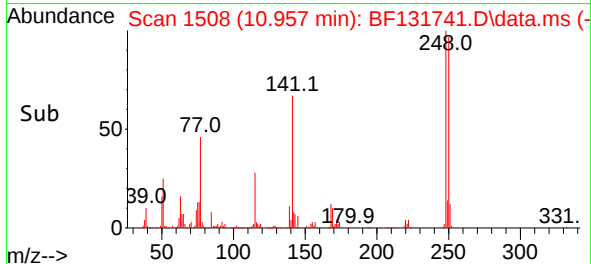
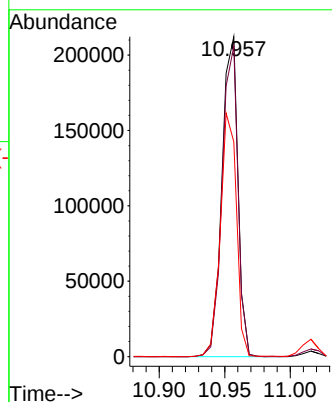
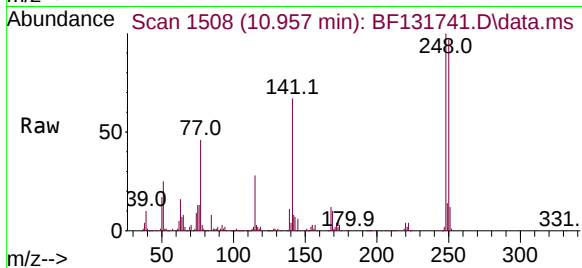
#67
4-Bromophenyl-phenylether
Concen: 41.208 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :
BNA_F
ClientSampleId :
PB149732BS

Tgt Ion:248 Resp: 180893
Ion Ratio Lower Upper
248 100
250 97.0 79.4 119.0
141 67.1 58.1 87.1

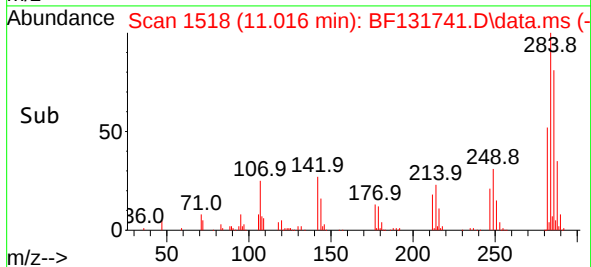
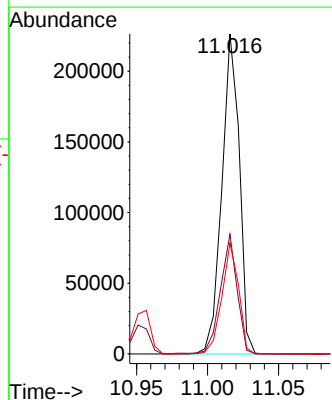
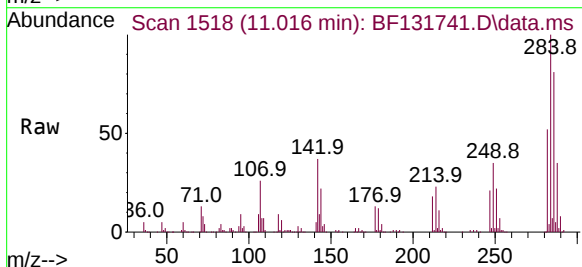
Manual Integrations
APPROVED

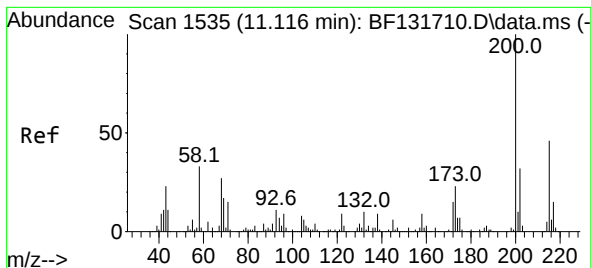
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#68
Hexachlorobenzene
Concen: 40.170 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:284 Resp: 193937
Ion Ratio Lower Upper
284 100
142 37.4 30.2 45.4
249 34.7 27.2 40.8





#69

Atrazine

Concen: 29.831 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

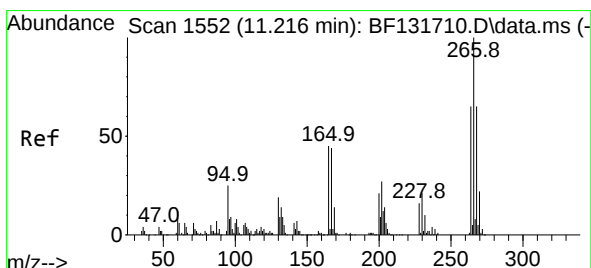
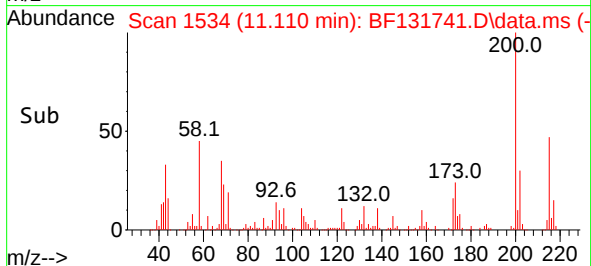
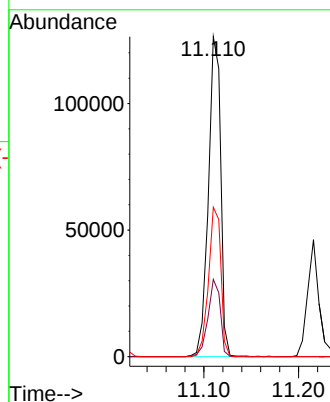
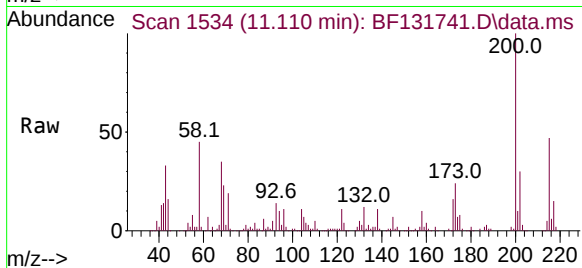
PB149732BS

Tgt Ion:200 Resp: 114614
 Ion Ratio Lower Upper
 200 100
 173 24.1 2.7 42.7
 215 46.7 26.4 66.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022



#70

Pentachlorophenol

Concen: 87.513 ng

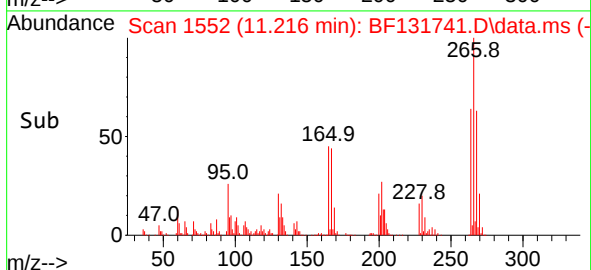
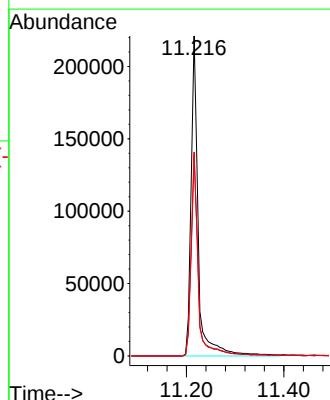
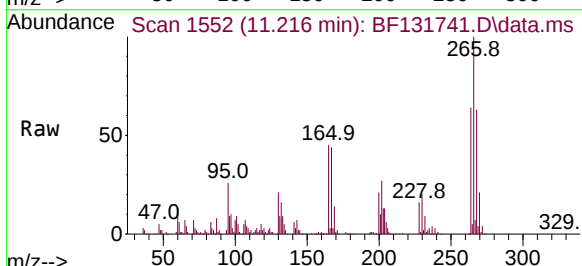
RT: 11.216 min Scan# 1552

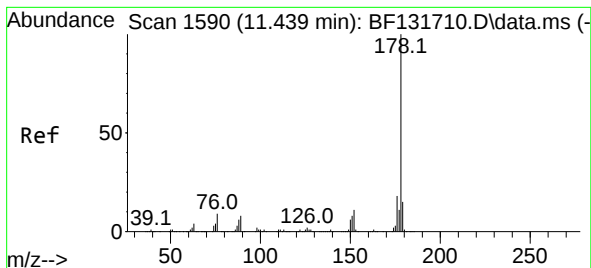
Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Tgt Ion:266 Resp: 224248
 Ion Ratio Lower Upper
 266 100
 268 62.8 52.2 78.4
 264 63.7 52.0 78.0





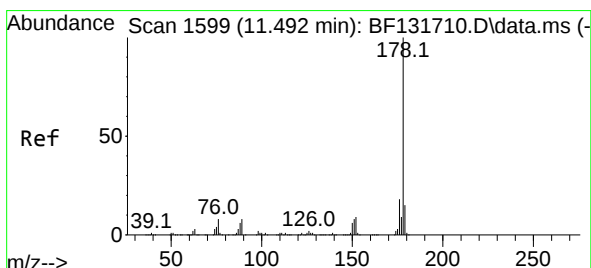
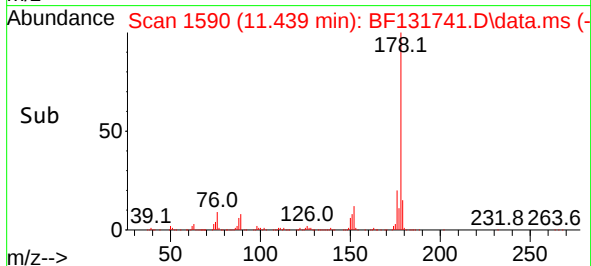
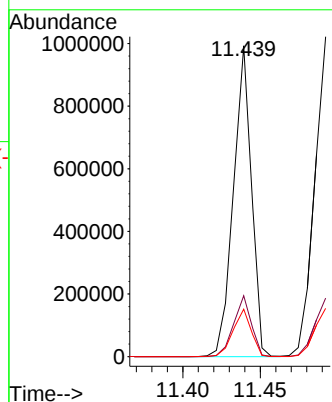
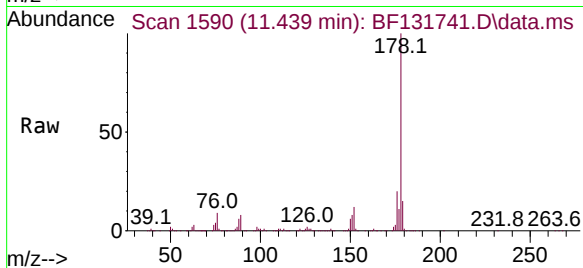
#71
Phenanthrene
Concen: 39.689 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :
BNA_F
ClientSampleId :
PB149732BS

Tgt Ion:178 Resp: 804392
Ion Ratio Lower Upper
178 100
176 19.6 14.8 22.2
179 15.3 12.2 18.4

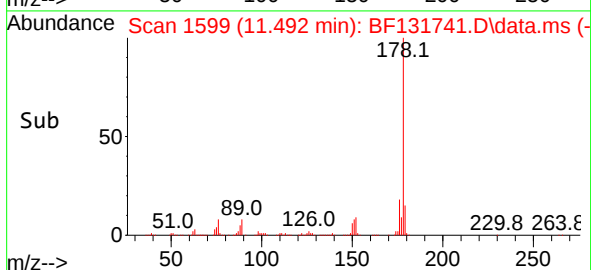
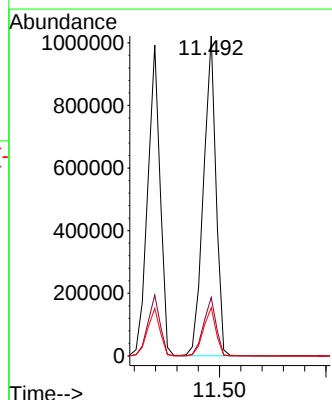
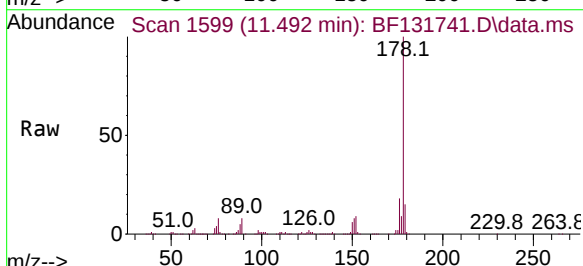
Manual Integrations
APPROVED

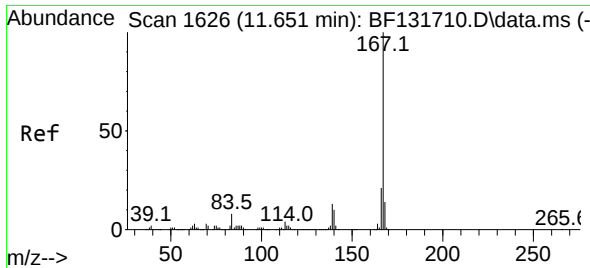
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#72
Anthracene
Concen: 41.697 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

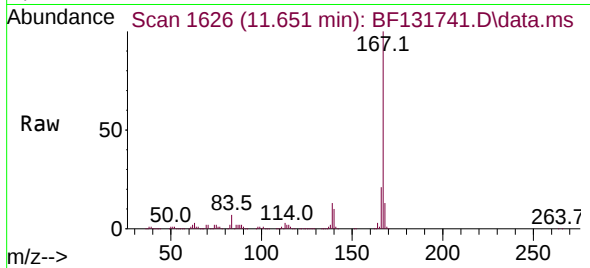
Tgt Ion:178 Resp: 827458
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.1 12.2 18.4





#73
 Carbazole
 Concen: 41.141 ng
 RT: 11.651 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: BF131741.D
 Acq: 21 Dec 2022 11:46

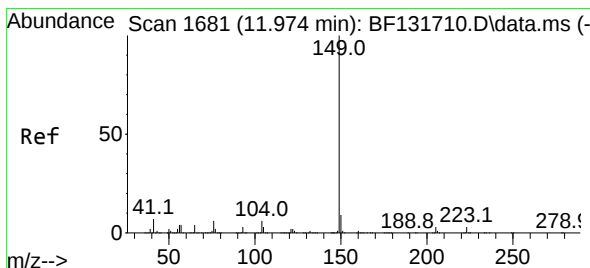
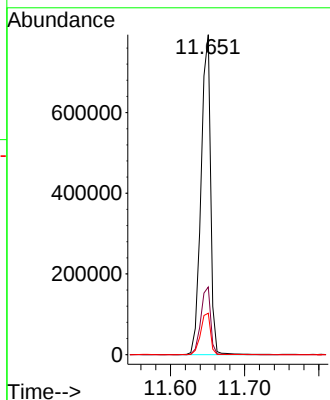
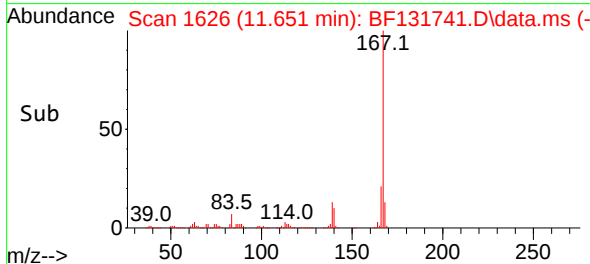
Instrument :
 BNA_F
 ClientSampleId :
 PB149732BS



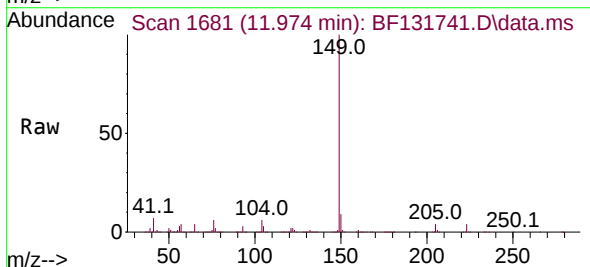
Tgt Ion:167 Resp: 706333
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.1 25.7
 139 12.9 10.5 15.7

Manual Integrations
 APPROVED

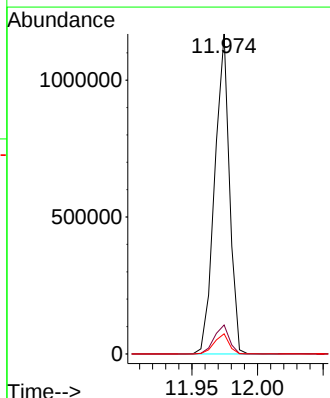
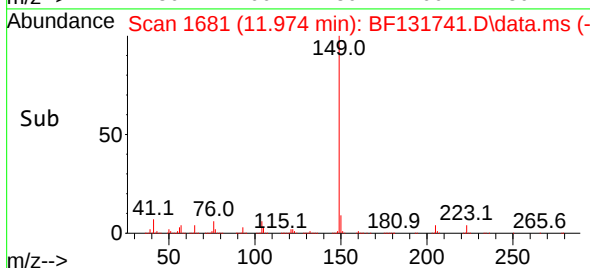
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022

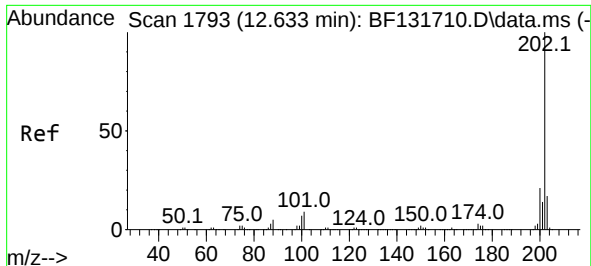


#74
 Di-n-butylphthalate
 Concen: 42.805 ng
 RT: 11.974 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: BF131741.D
 Acq: 21 Dec 2022 11:46



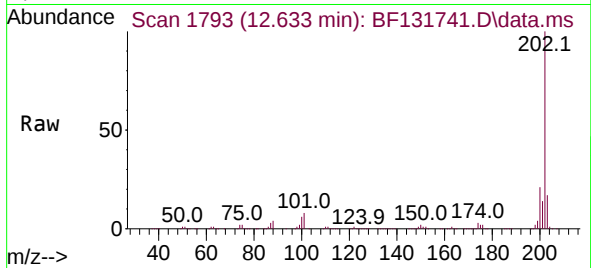
Tgt Ion:149 Resp: 915083
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 6.3 5.0 7.4





#75
Fluoranthene
Concen: 40.385 ng
RT: 12.633 min Scan# 1793
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

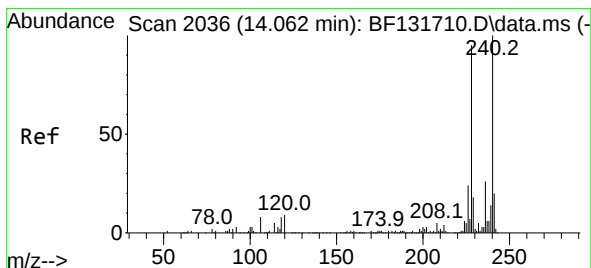
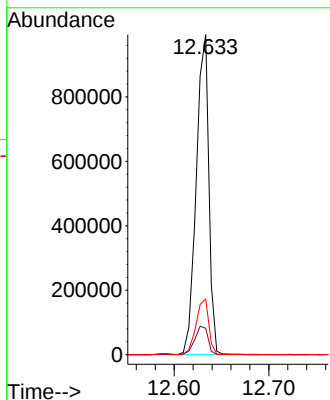
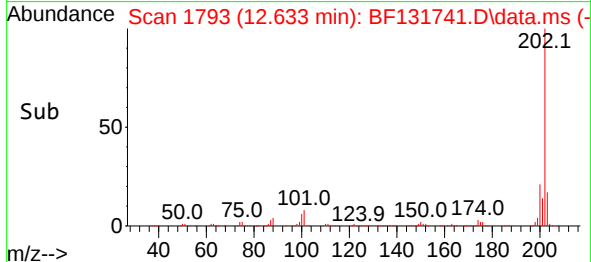
Instrument :
BNA_F
ClientSampleId :
PB149732BS



Tgt Ion:202 Resp: 911553
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.8
203 17.3 0.0 37.1

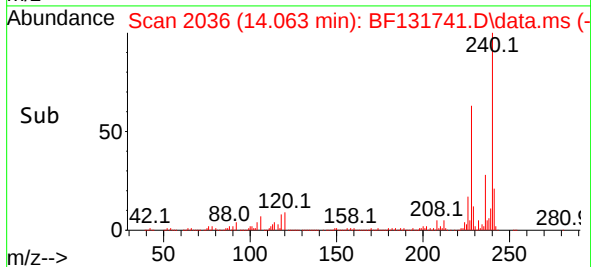
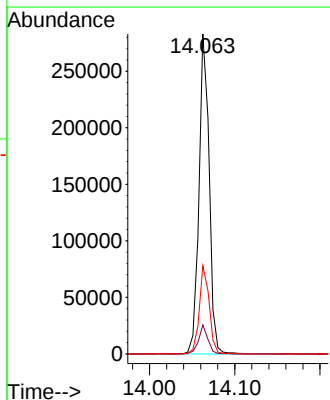
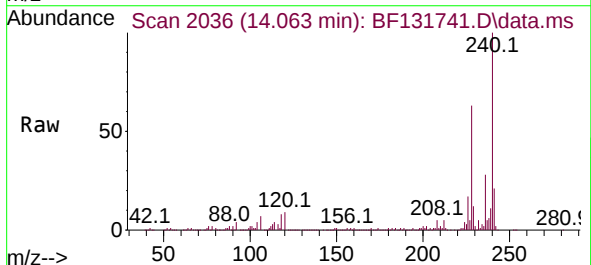
Manual Integrations
APPROVED

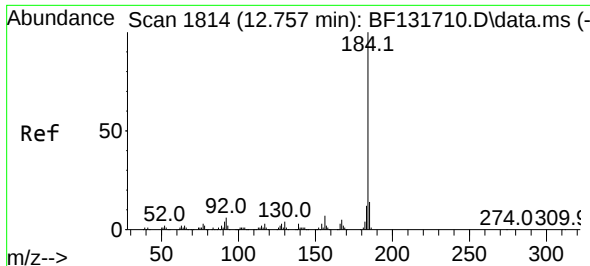
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Tgt Ion:240 Resp: 233896
Ion Ratio Lower Upper
240 100
120 9.0 7.6 11.4
236 27.5 21.2 31.8





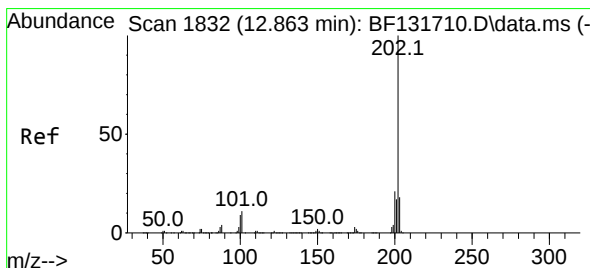
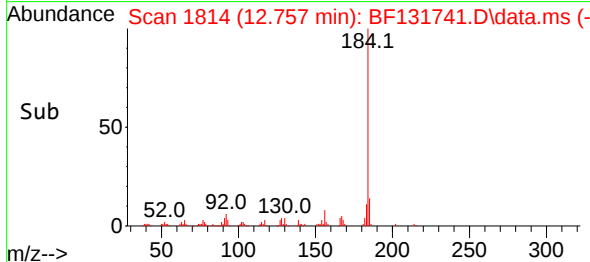
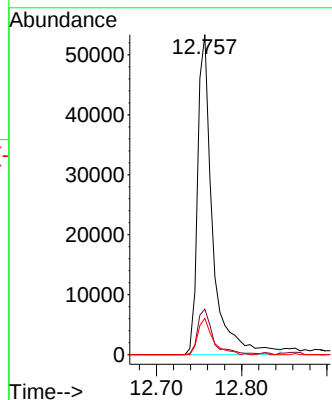
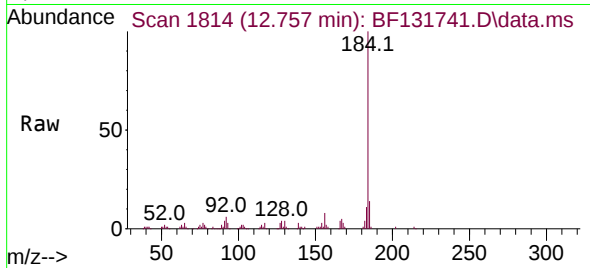
#77
Benzidine
Concen: 15.111 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :
BNA_F
ClientSampleId :
PB149732BS

Tgt Ion:184 Resp: 64810
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 11.3 9.3 13.9

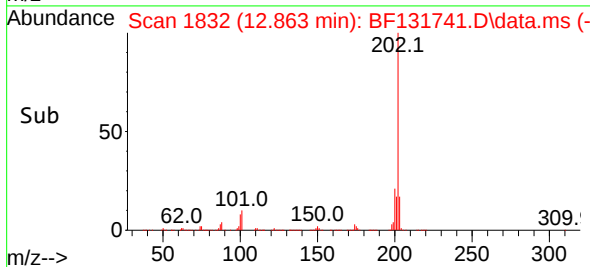
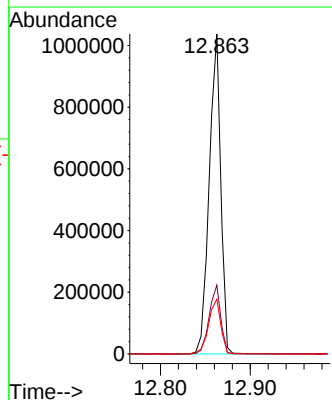
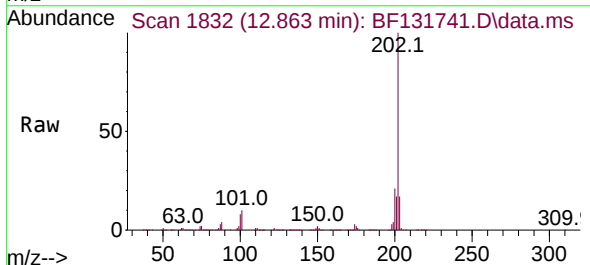
Manual Integrations
APPROVED

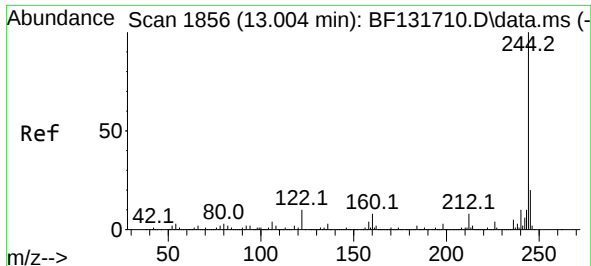
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#78
Pyrene
Concen: 43.454 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

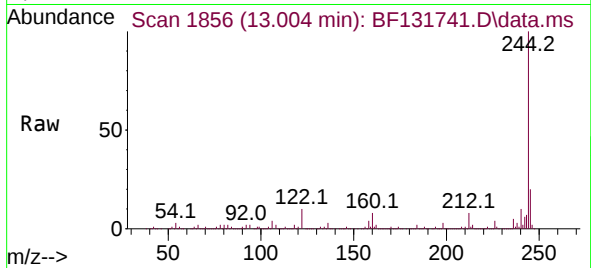
Tgt Ion:202 Resp: 924068
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.1 14.1 21.1





#79
Terphenyl-d14
Concen: 95.550 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

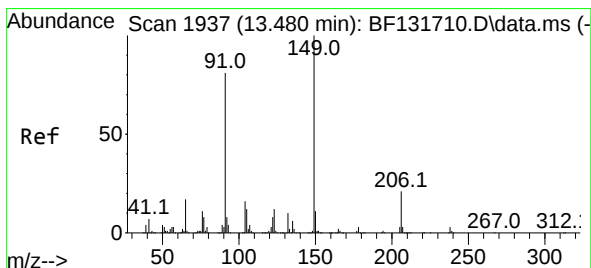
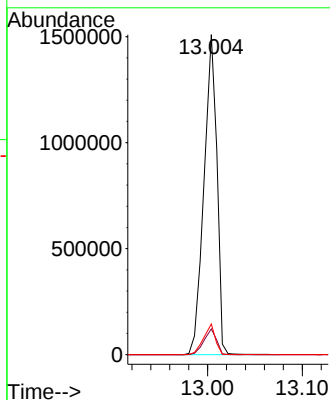
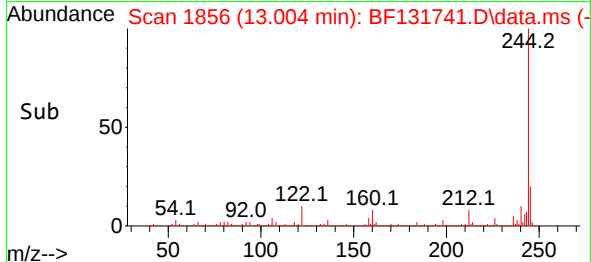
Instrument :
BNA_F
ClientSampleId :
PB149732BS



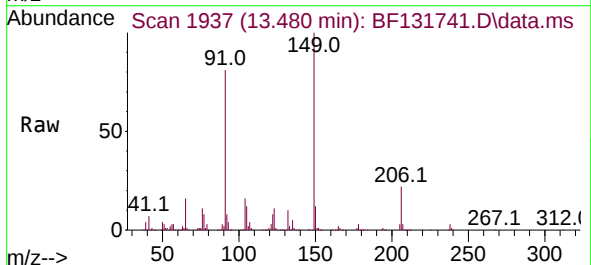
Tgt Ion:244 Resp: 1433970
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 9.6 7.7 11.5

Manual Integrations
APPROVED

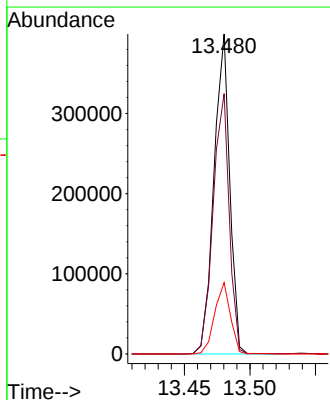
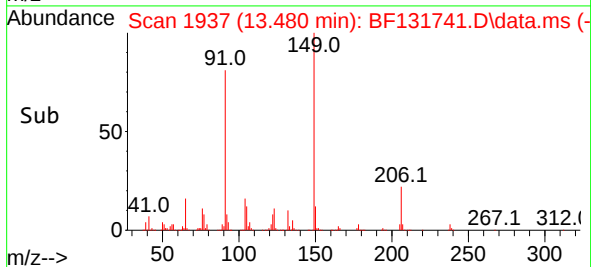
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

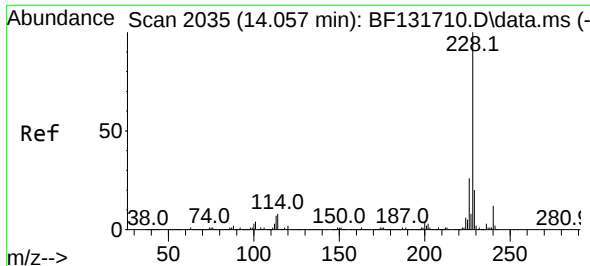


#80
Butylbenzylphthalate
Concen: 44.602 ng
RT: 13.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46



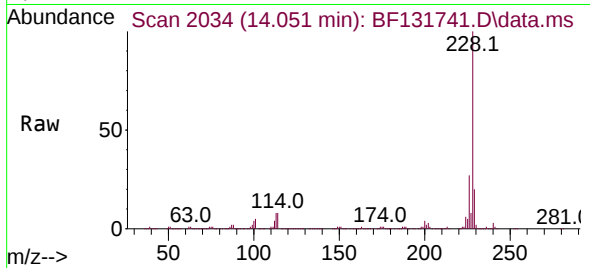
Tgt Ion:149 Resp: 334526
Ion Ratio Lower Upper
149 100
91 81.3 64.9 97.3
206 22.3 17.0 25.4





#81
Benzo(a)anthracene
Concen: 41.329 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

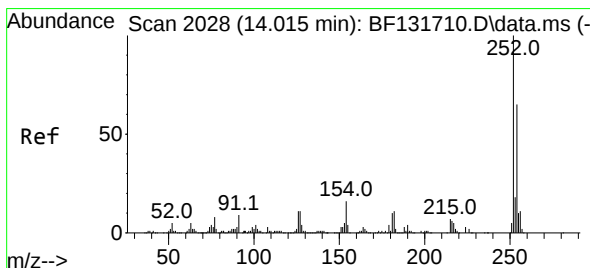
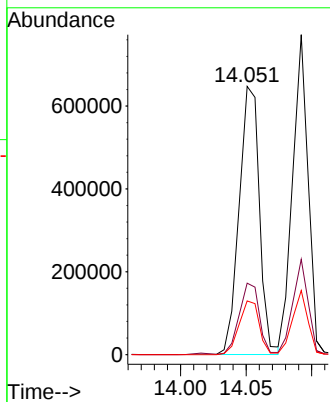
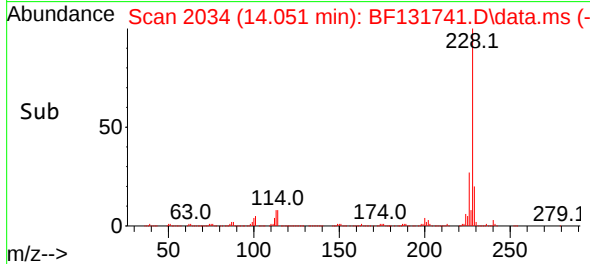
Instrument :
BNA_F
ClientSampleId :
PB149732BS



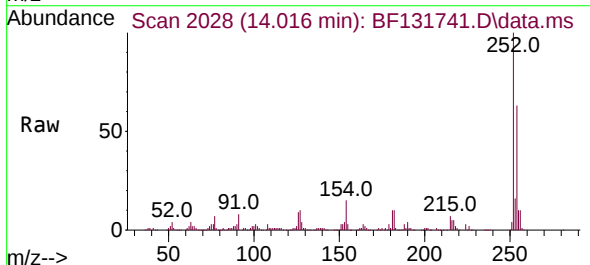
Tgt Ion:228 Resp: 696204
Ion Ratio Lower Upper
228 100
226 26.6 21.0 31.4
229 20.0 15.8 23.8

Manual Integrations
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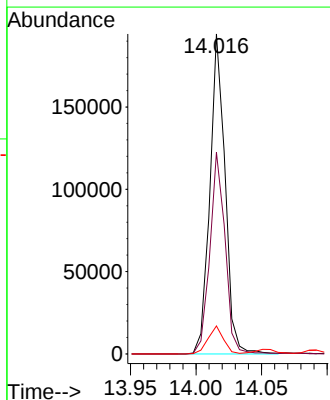
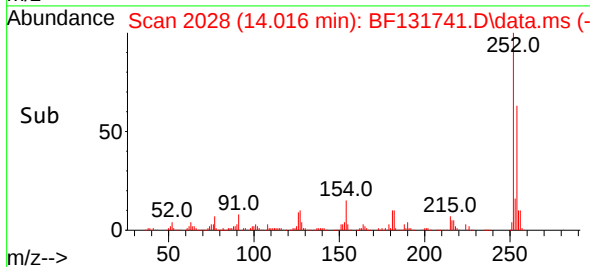
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

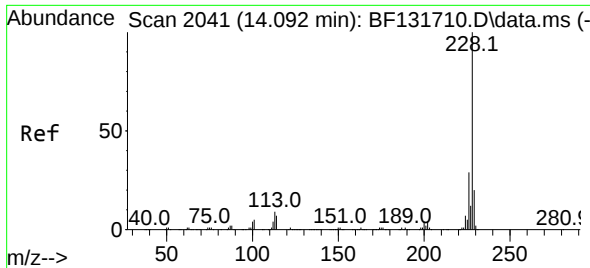


#82
3,3'-Dichlorobenzidine
Concen: 33.332 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46



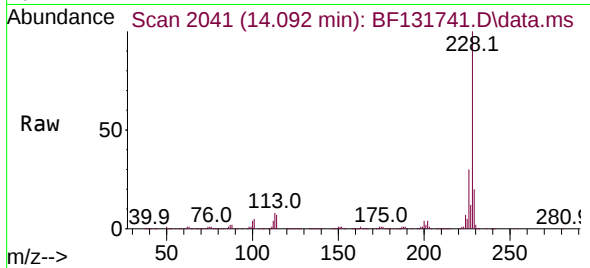
Tgt Ion:252 Resp: 156765
Ion Ratio Lower Upper
252 100
254 63.0 52.1 78.1
126 8.7 8.4 12.6





#83
Chrysene
Concen: 40.333 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

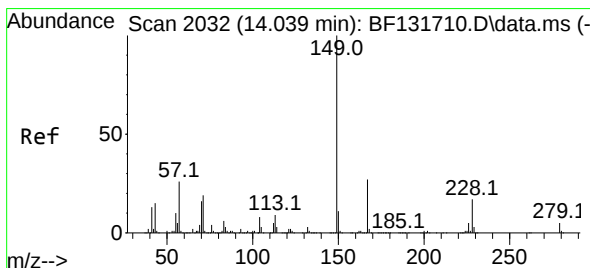
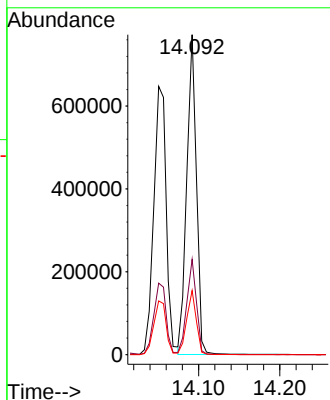
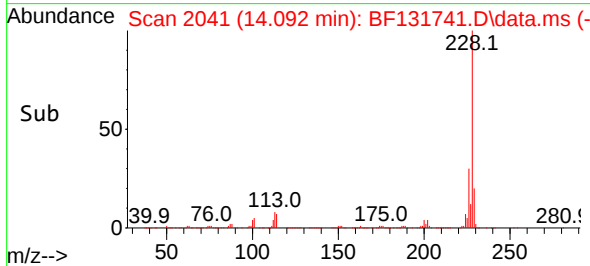
Instrument :
BNA_F
ClientSampleId :
PB149732BS



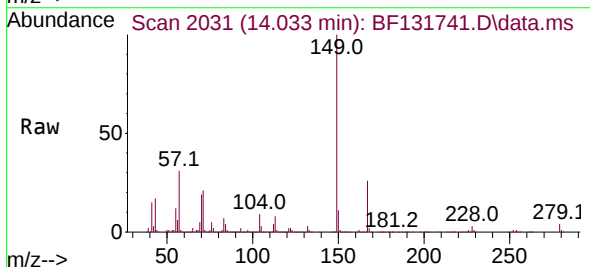
Tgt Ion:228 Resp: 641273
Ion Ratio Lower Upper
228 100
226 29.8 23.5 35.3
229 20.0 15.6 23.4

Manual Integrations
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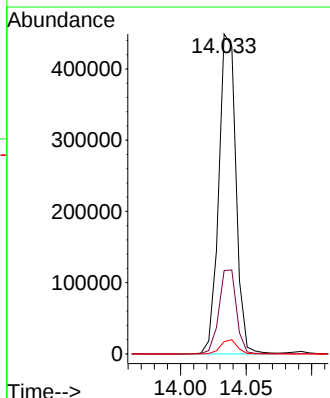
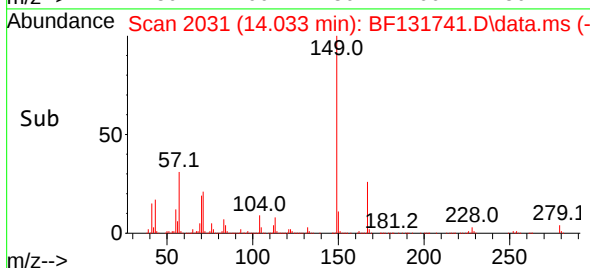
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

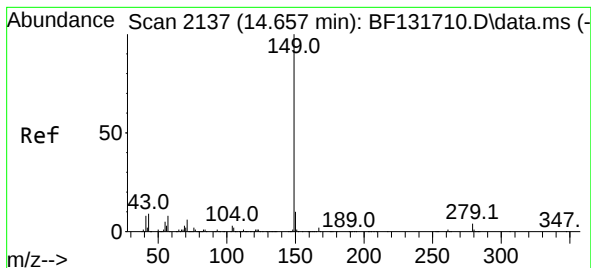


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.041 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46



Tgt Ion:149 Resp: 411773
Ion Ratio Lower Upper
149 100
167 26.0 21.7 32.5
279 3.8 3.8 5.6





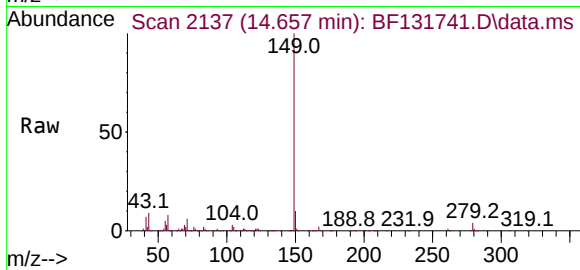
#85
Di-n-octyl phthalate
Concen: 45.664 ng
RT: 14.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

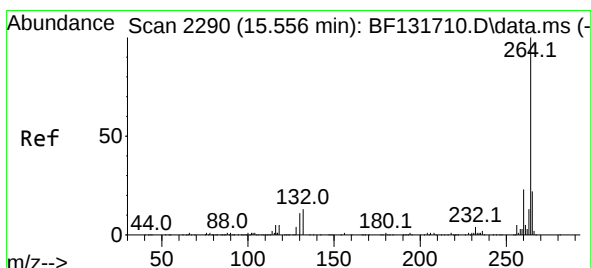
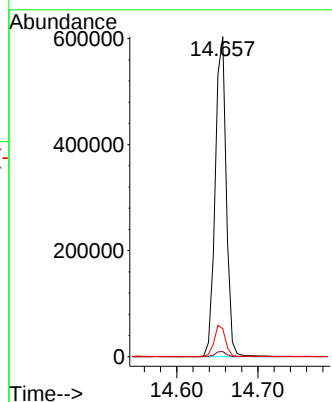
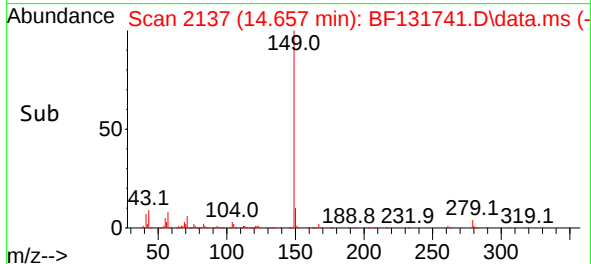


Tgt Ion:149 Resp: 570093
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.1 8.3 12.5

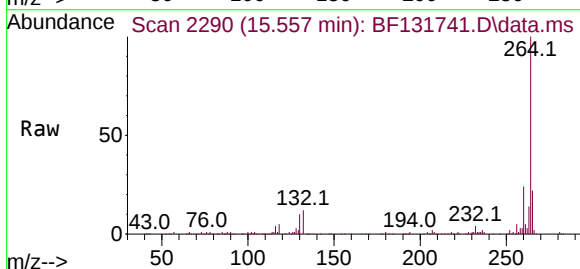
Manual Integrations

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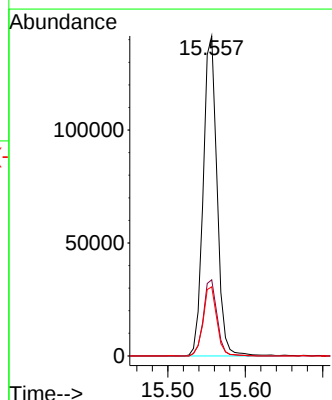
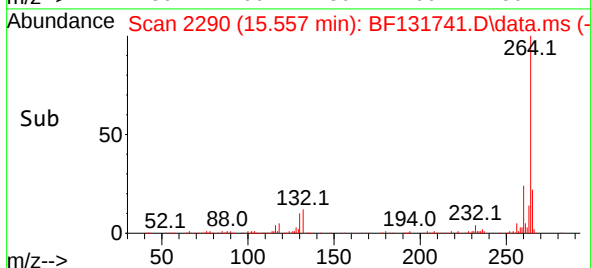
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

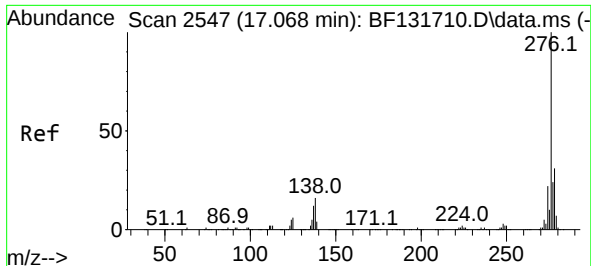


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46



Tgt Ion:264 Resp: 175260
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.6 17.4 26.2





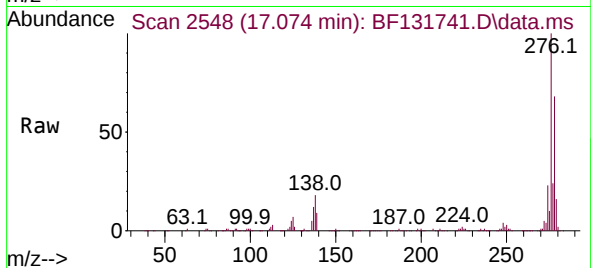
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.843 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

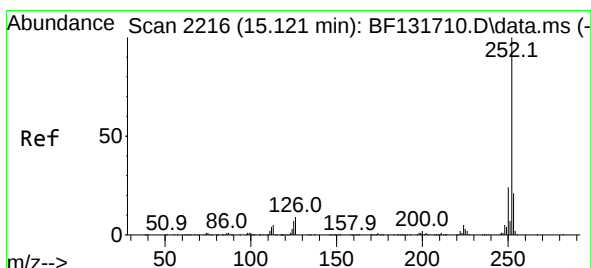
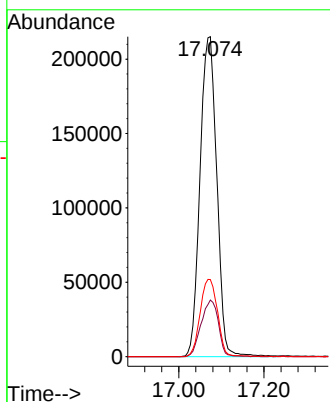
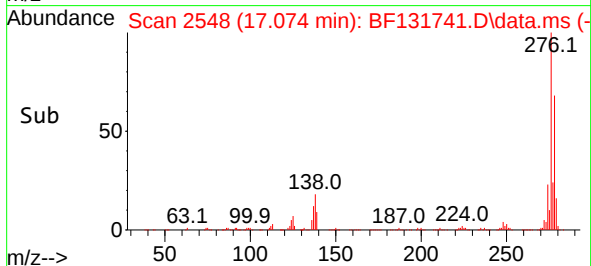


Tgt Ion:276 Resp: 586748
Ion Ratio Lower Upper
276 100
138 18.2 14.4 21.6
277 25.0 19.8 29.8

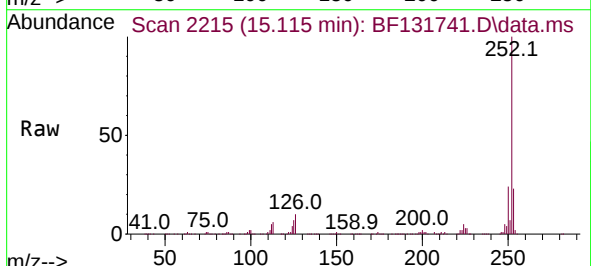
Manual Integrations

APPROVED

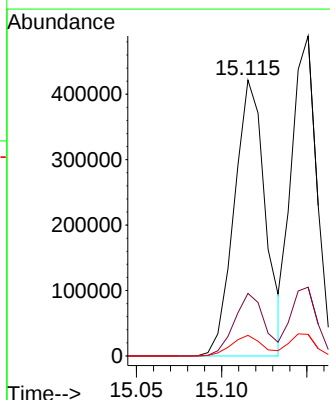
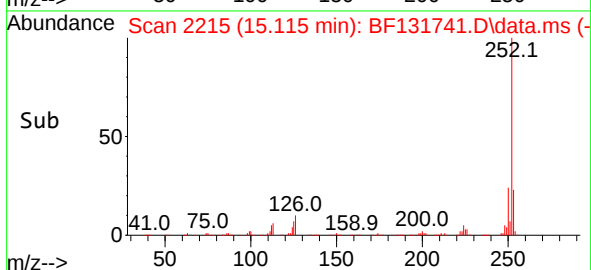
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

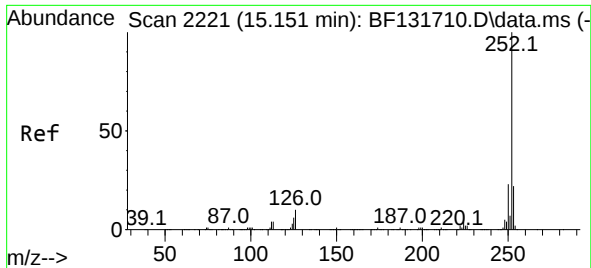


#88
Benzo(b)fluoranthene
Concen: 43.124 ng
RT: 15.115 min Scan# 2215
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46



Tgt Ion:252 Resp: 534713
Ion Ratio Lower Upper
252 100
253 22.7 17.2 25.8
125 7.5 5.5 8.3





#89

Benzo(k)fluoranthene

Concen: 42.389 ng

RT: 15.151 min Scan# 2221

Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

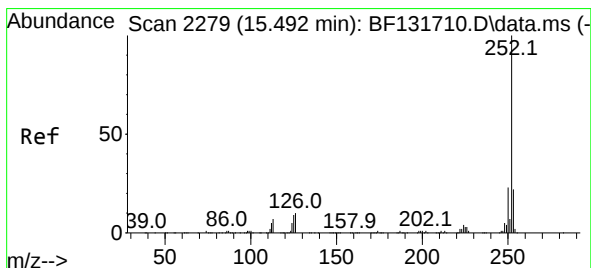
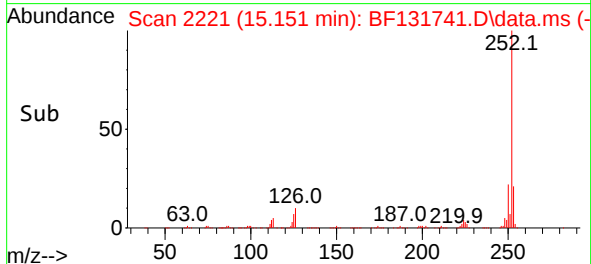
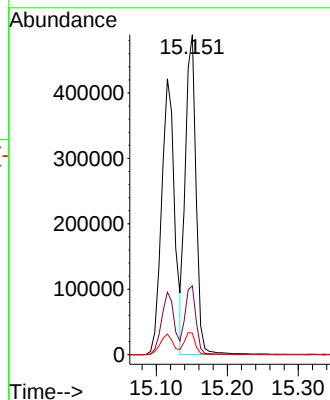
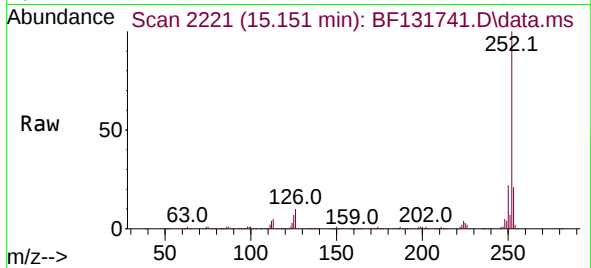
PB149732BS

Tgt Ion:252 Resp: 512871
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.8 26.8
 125 6.7 5.2 7.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022



#90

Benzo(a)pyrene

Concen: 45.017 ng

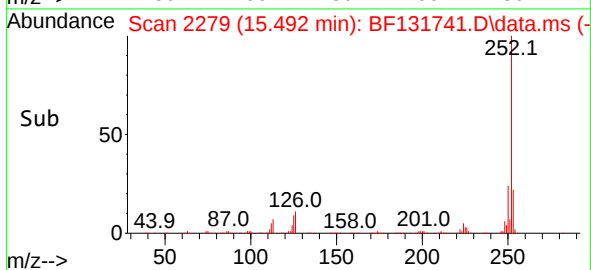
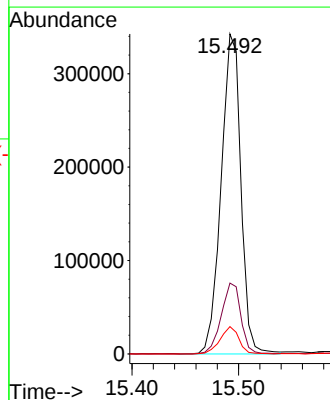
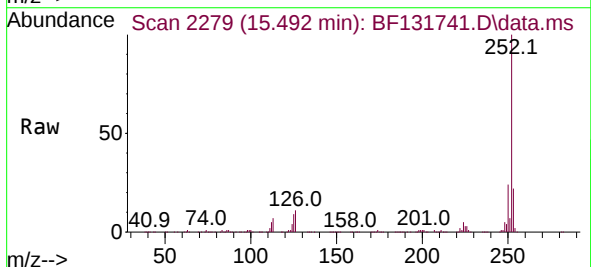
RT: 15.492 min Scan# 2279

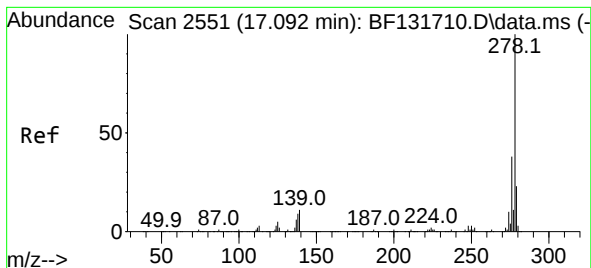
Delta R.T. 0.000 min

Lab File: BF131741.D

Acq: 21 Dec 2022 11:46

Tgt Ion:252 Resp: 442146
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.5 26.3
 125 8.5 7.0 10.4





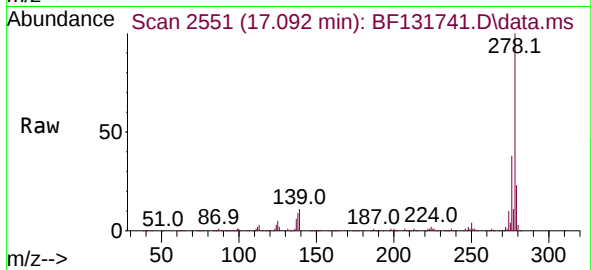
#91
Dibenzo(a,h)anthracene
Concen: 52.027 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46

Instrument :

BNA_F

ClientSampleId :

PB149732BS

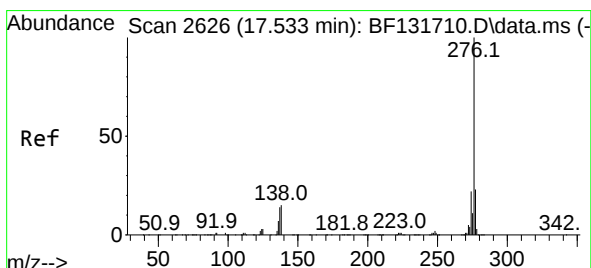
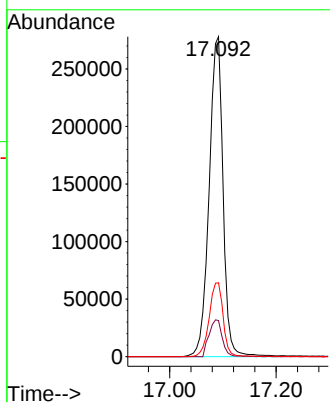
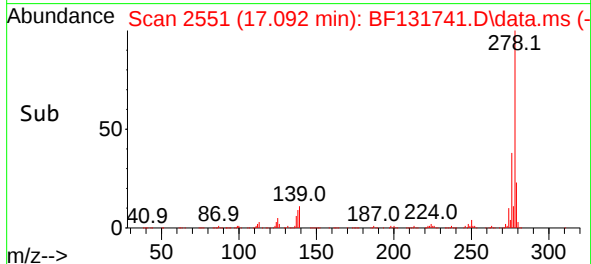


Tgt Ion:278 Resp: 506140
Ion Ratio Lower Upper
278 100
139 11.3 8.7 13.1
279 23.1 18.7 28.1

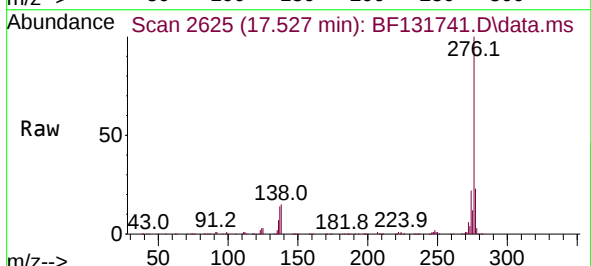
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#92
Benzo(g,h,i)perylene
Concen: 51.515 ng
RT: 17.527 min Scan# 2625
Delta R.T. -0.006 min
Lab File: BF131741.D
Acq: 21 Dec 2022 11:46



Tgt Ion:276 Resp: 495346
Ion Ratio Lower Upper
276 100
277 23.4 18.3 27.5
138 15.3 12.3 18.5

