

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091522\
 Data File : BF130266.D
 Acq On : 15 Sep 2022 12:09
 Operator : CG\JU
 Sample : PB147612BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147612BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/16/2022
 Supervised By : Jagrut Upadhyay 09/16/2022

Quant Time: Sep 16 03:24:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	113116	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	440057	20.000	ng	0.00
39) Acenaphthene-d10	9.710	164	230210	20.000	ng	0.00
64) Phenanthrene-d10	11.192	188	389842	20.000	ng	0.00
76) Chrysene-d12	13.821	240	235820	20.000	ng	0.00
86) Perylene-d12	15.209	264	191065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.292	112	857156	131.432	ng	0.02
7) Phenol-d6	6.316	99	1067420	130.809	ng	0.00
23) Nitrobenzene-d5	7.245	82	702331	81.537	ng	0.00
42) 2,4,6-Tribromophenol	10.498	330	339729	154.013	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1302965	82.419	ng	0.00
79) Terphenyl-d14	12.774	244	1364453	95.844	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.410	88	98837	32.999	ng	97
3) Pyridine	3.093	79	264989	33.916	ng	98
4) n-Nitrosodimethylamine	3.051	42	170187	40.049	ng	99
6) Aniline	6.339	93	426567	42.426	ng	99
8) 2-Chlorophenol	6.457	128	332664	44.779	ng	98
9) Benzaldehyde	6.228	77	219137	40.091	ng	97
10) Phenol	6.328	94	410808	42.959	ng	90
11) bis(2-Chloroethyl)ether	6.422	93	299439	43.412	ng	96
12) 1,3-Dichlorobenzene	6.616	146	350302	42.853	ng	99
13) 1,4-Dichlorobenzene	6.692	146	360428	43.238	ng	99
14) 1,2-Dichlorobenzene	6.845	146	341315	43.831	ng	98
15) Benzyl Alcohol	6.828	79	279162	43.148	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.957	45	412645	41.018	ng	98
17) 2-Methylphenol	6.939	107	257689	42.670	ng	97
18) Hexachloroethane	7.186	117	139978	42.600	ng	99
19) n-Nitroso-di-n-propyla...	7.104	70	235496	42.769	ng	97
20) 3+4-Methylphenols	7.092	107	332088	42.330	ng	# 85
22) Acetophenone	7.092	105	475930	44.237	ng	97
24) Nitrobenzene	7.263	77	361461	41.328	ng	99
25) Isophorone	7.504	82	635945	45.807	ng	99
26) 2-Nitrophenol	7.581	139	168617	47.029	ng	93
27) 2,4-Dimethylphenol	7.622	122	282392	51.153	ng	98
28) bis(2-Chloroethoxy)met...	7.722	93	374428	47.897	ng	99
29) 2,4-Dichlorophenol	7.822	162	271237	44.835	ng	97
30) 1,2,4-Trichlorobenzene	7.904	180	280370	42.866	ng	96
31) Naphthalene	7.981	128	947253	41.782	ng	100
32) Benzoic acid	7.757	122	197852	46.344	ng	96
33) 4-Chloroaniline	8.033	127	303237	35.168	ng	98
34) Hexachlorobutadiene	8.098	225	180000	43.062	ng	98
35) Caprolactam	8.410	113	84146m	48.519	ng	
36) 4-Chloro-3-methylphenol	8.522	107	302483	45.110	ng	98
37) 2-Methylnaphthalene	8.675	142	622253	43.048	ng	98
38) 1-Methylnaphthalene	8.769	142	592838	42.693	ng	96
40) 1,2,4,5-Tetrachloroben...	8.839	216	284257	45.245	ng	99
41) Hexachlorocyclopentadiene	8.828	237	397137	118.068	ng	99
43) 2,4,6-Trichlorophenol	8.951	196	194048	44.256	ng	96

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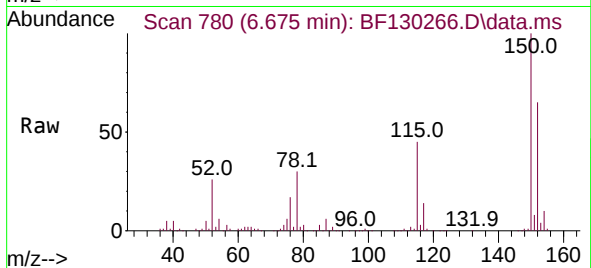
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.986	196	205958	43.529	ng	95
46) 1,1'-Biphenyl	9.139	154	755381	43.935	ng	98
47) 2-Chloronaphthalene	9.163	162	595735	42.834	ng	97
48) 2-Nitroaniline	9.263	65	196001	42.253	ng	92
49) Acenaphthylene	9.575	152	896046	42.969	ng	99
50) Dimethylphthalate	9.445	163	694662	43.684	ng	99
51) 2,6-Dinitrotoluene	9.504	165	151960	45.693	ng	94
52) Acenaphthene	9.745	154	667288m	48.703	ng	
53) 3-Nitroaniline	9.675	138	132484	35.751	ng	92
54) 2,4-Dinitrophenol	9.780	184	168724	92.467	ng	# 84
55) Dibenzofuran	9.916	168	815547	42.794	ng	100
56) 4-Nitrophenol	9.839	139	251683	93.247	ng	94
57) 2,4-Dinitrotoluene	9.904	165	202306	47.598	ng	98
58) Fluorene	10.257	166	667694	42.841	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.033	232	161407	43.583	ng	98
60) Diethylphthalate	10.145	149	694918	43.578	ng	99
61) 4-Chlorophenyl-phenyle...	10.257	204	309266	45.234	ng	93
62) 4-Nitroaniline	10.292	138	159258	42.780	ng	94
63) Azobenzene	10.416	77	675675	41.149	ng	96
65) 4,6-Dinitro-2-methylph...	10.310	198	99636	45.913	ng	98
66) n-Nitrosodiphenylamine	10.374	169	562245	43.159	ng	99
67) 4-Bromophenyl-phenylether	10.739	248	196856	45.774	ng	96
68) Hexachlorobenzene	10.798	284	222414	45.623	ng	92
69) Atrazine	10.904	200	188236	49.444	ng	98
70) Pentachlorophenol	10.998	266	250493	95.741	ng	99
71) Phenanthrene	11.216	178	927325	42.368	ng	100
72) Anthracene	11.269	178	942470	44.621	ng	100
73) Carbazole	11.421	167	847465	44.458	ng	99
74) Di-n-butylphthalate	11.763	149	1041680	45.317	ng	99
75) Fluoranthene	12.398	202	915594	43.291	ng	98
77) Benzidine	12.527	184	501086	73.198	ng	99
78) Pyrene	12.627	202	926129	44.893	ng	98
80) Butylbenzylphthalate	13.251	149	360648	47.190	ng	98
81) Benzo(a)anthracene	13.810	228	685166	43.675	ng	99
82) 3,3'-Dichlorobenzidine	13.780	252	194355	45.512	ng	# 99
83) Chrysene	13.845	228	623232	41.840	ng	99
84) Bis(2-ethylhexyl)phtha...	13.810	149	427161	48.796	ng	99
85) Di-n-octyl phthalate	14.421	149	621847	46.444	ng	98
87) Indeno(1,2,3-cd)pyrene	16.545	276	607577	44.842	ng	99
88) Benzo(b)fluoranthene	14.821	252	588759m	47.211	ng	
89) Benzo(k)fluoranthene	14.845	252	540917	44.094	ng	99
90) Benzo(a)pyrene	15.151	252	477221	48.303	ng	99
91) Dibenzo(a,h)anthracene	16.562	278	530506	47.728	ng	99
92) Benzo(g,h,i)perylene	16.945	276	517696	46.236	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130266.D
 Acq: 15 Sep 2022 12:09

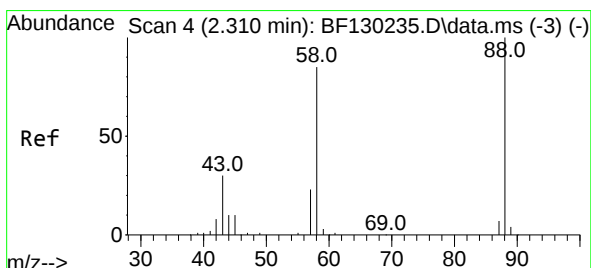
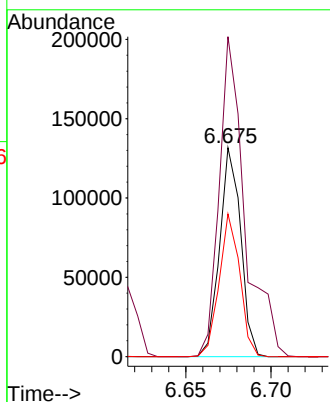
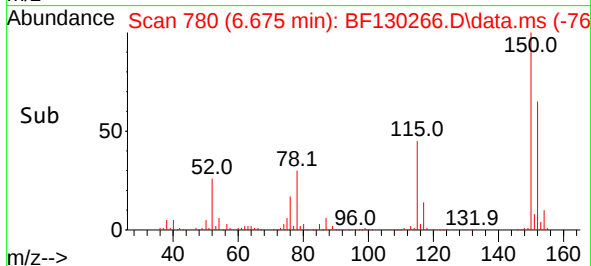
Instrument :
 BNA_F
 ClientSampleId :
 PB147612BS



Tgt Ion:152 Resp: 113116
 Ion Ratio Lower Upper
 152 100
 150 153.2 122.8 184.2
 115 68.3 53.8 80.8

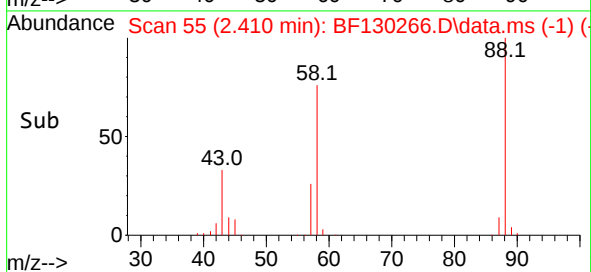
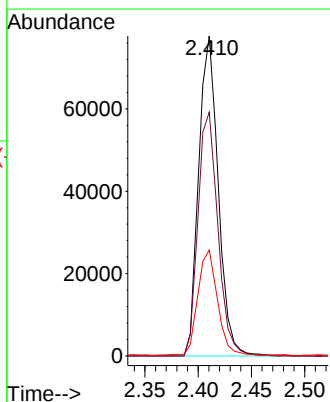
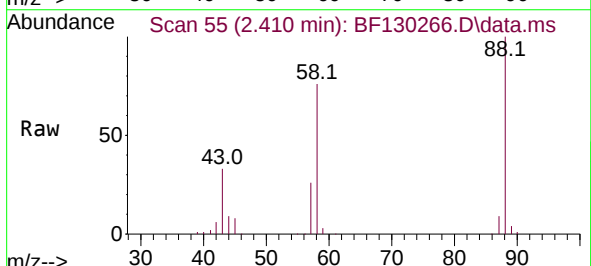
Manual Integrations
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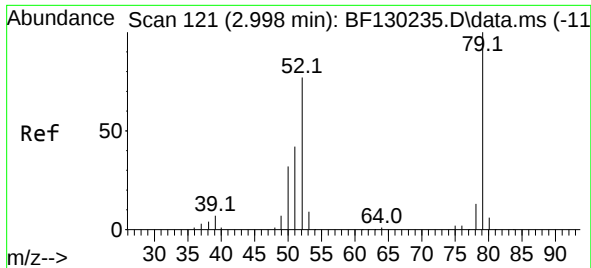
Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022



#2
 1,4-Dioxane
 Concen: 32.999 ng
 RT: 2.410 min Scan# 55
 Delta R.T. 0.100 min
 Lab File: BF130266.D
 Acq: 15 Sep 2022 12:09

Tgt Ion: 88 Resp: 98837
 Ion Ratio Lower Upper
 88 100
 58 77.8 61.3 91.9
 43 33.2 23.0 34.6





#3

Pyridine

Concen: 33.916 ng

RT: 3.093 min Scan# 11

Delta R.T. 0.094 min

Lab File: BF130266.D

Acq: 15 Sep 2022 12:09

Instrument :

BNA_F

ClientSampleId :

PB147612BS

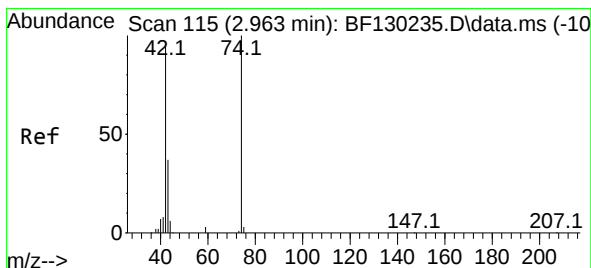
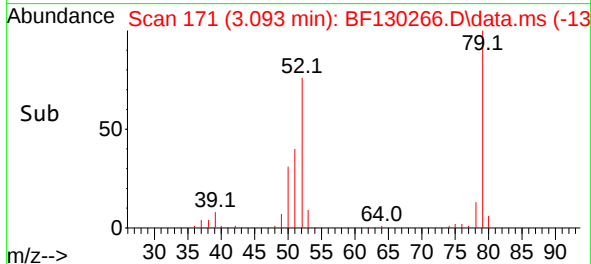
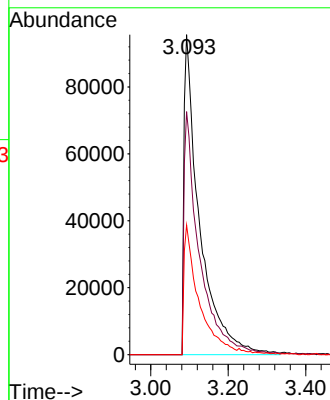
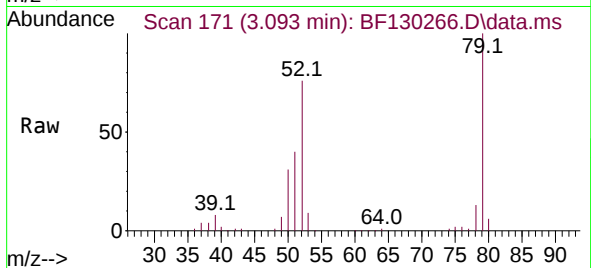
Tgt Ion: 79 Resp: 264989

Ion	Ratio	Lower	Upper
79	100		
52	75.9	62.4	93.6
51	40.5	32.2	48.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 40.049 ng

RT: 3.051 min Scan# 164

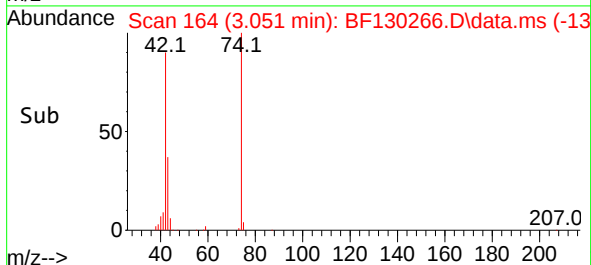
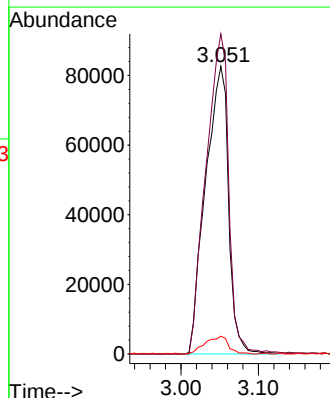
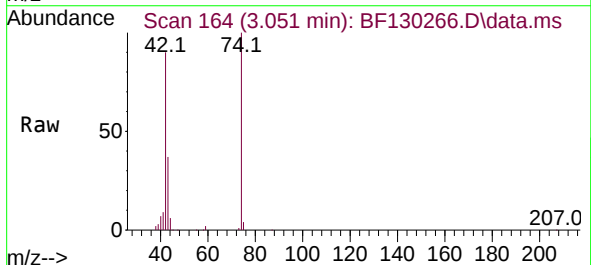
Delta R.T. 0.088 min

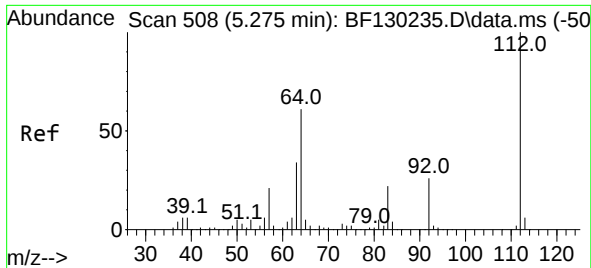
Lab File: BF130266.D

Acq: 15 Sep 2022 12:09

Tgt Ion: 42 Resp: 170187

Ion	Ratio	Lower	Upper
42	100		
74	111.4	88.4	132.6
44	6.2	5.0	7.4





#5
2-Fluorophenol
Concen: 131.432 ng
RT: 5.292 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Instrument :

BNA_F

ClientSampleId :

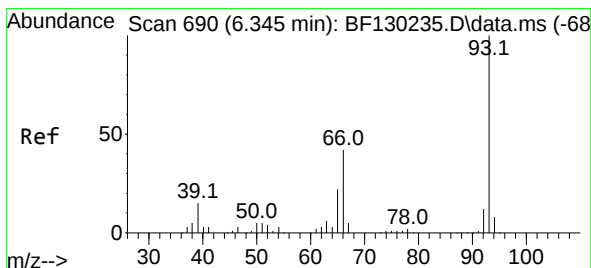
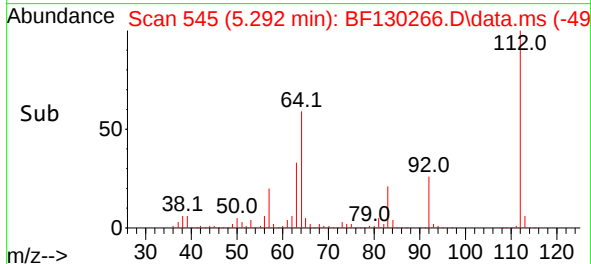
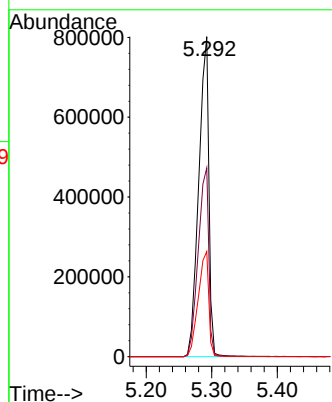
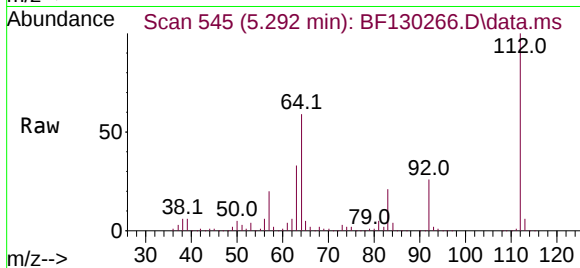
PB147612BS

Tgt Ion:112 Resp: 857156
Ion Ratio Lower Upper
112 100
64 59.0 51.4 77.0
63 32.8 28.8 43.2

Manual Integrations

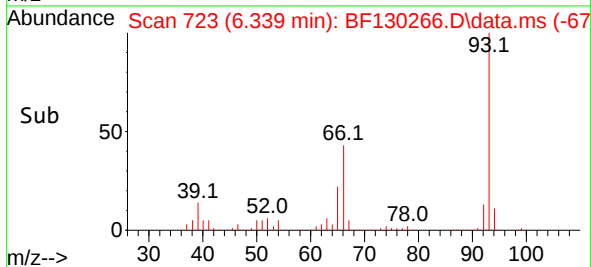
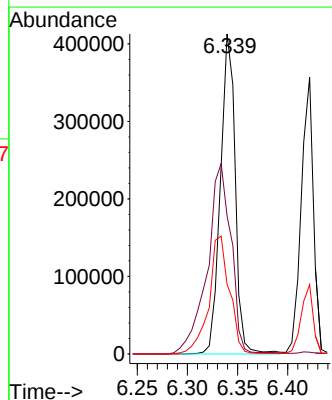
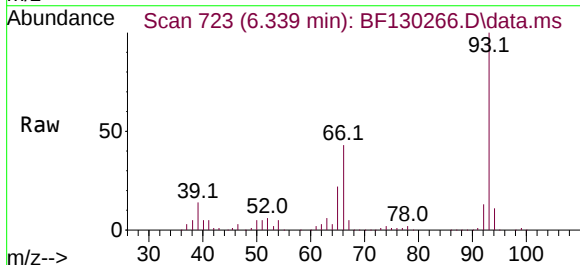
APPROVED

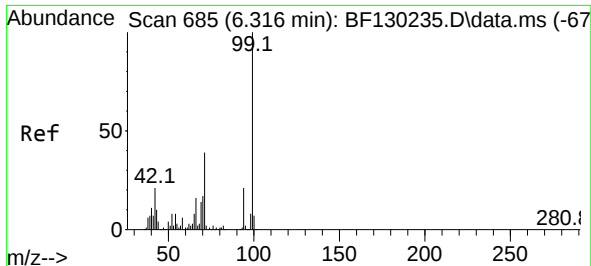
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#6
Aniline
Concen: 42.426 ng
RT: 6.339 min Scan# 723
Delta R.T. -0.006 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

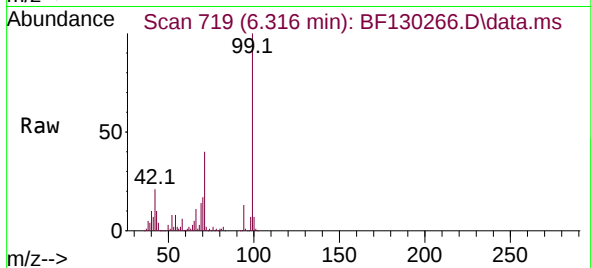
Tgt Ion: 93 Resp: 426567
Ion Ratio Lower Upper
93 100
66 43.1 34.2 51.4
65 21.7 16.6 24.8





#7
Phenol-d6
Concen: 130.809 ng
RT: 6.316 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

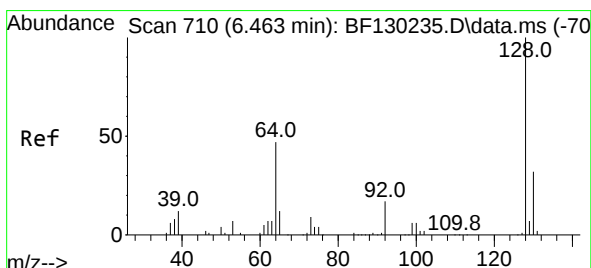
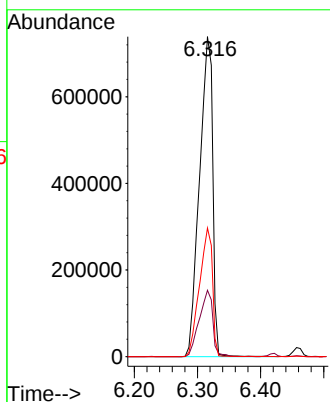
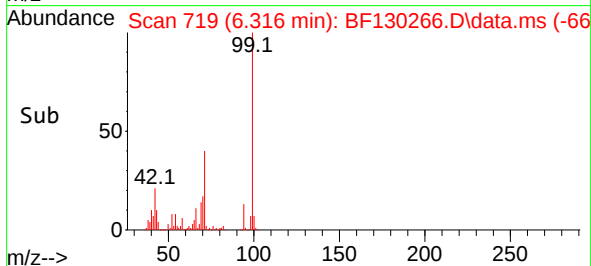
Instrument :
BNA_F
ClientSampleId :
PB147612BS



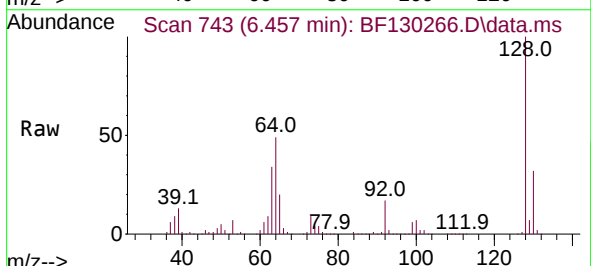
Tgt Ion: 99 Resp: 1067420
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 40.2 32.3 48.5

Manual Integrations
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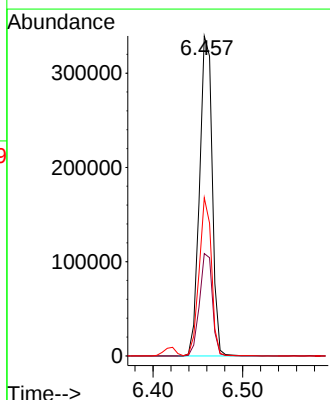
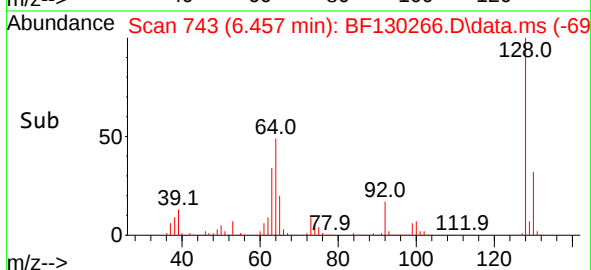
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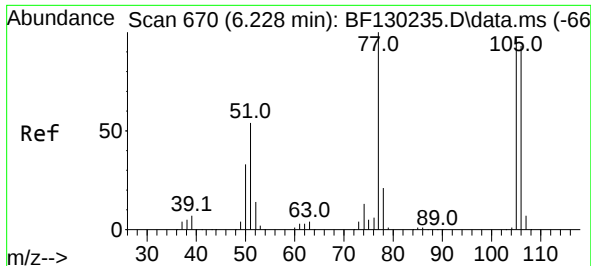


#8
2-Chlorophenol
Concen: 44.779 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



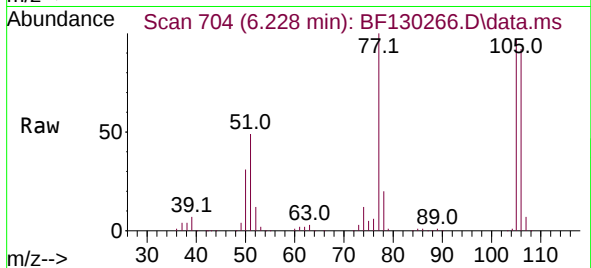
Tgt Ion:128 Resp: 332664
Ion Ratio Lower Upper
128 100
130 32.0 12.4 52.4
64 49.4 31.6 71.6





#9
Benzaldehyde
Concen: 40.091 ng
RT: 6.228 min Scan# 704
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

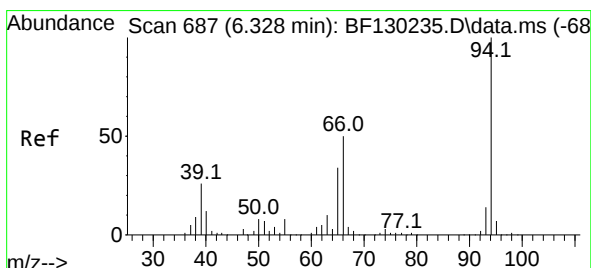
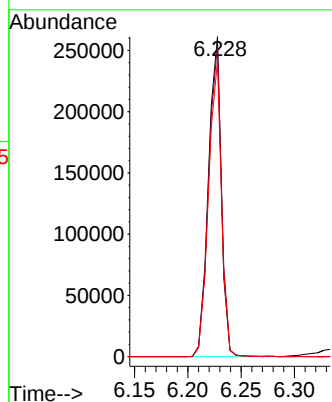
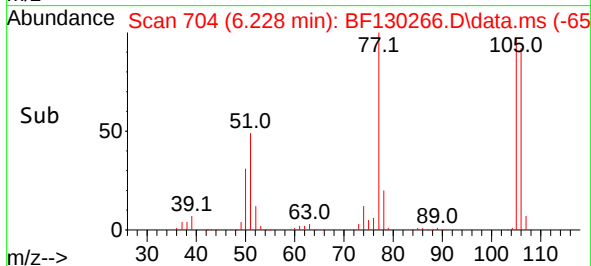
Instrument :
BNA_F
Client Sample Id :
PB147612BS



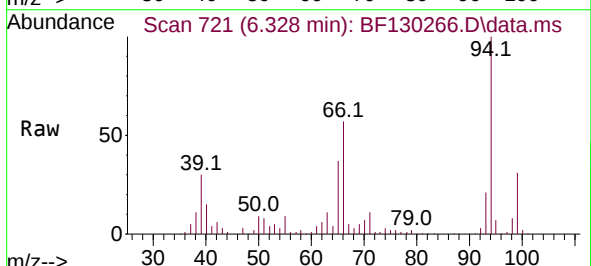
Tgt Ion: 77 Resp: 219137
Ion Ratio Lower Upper
77 100
105 97.3 75.1 115.1
106 92.4 69.7 109.7

Manual Integrations
APPROVED

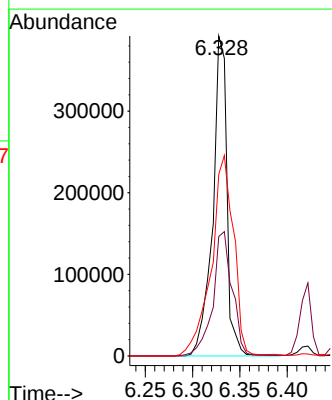
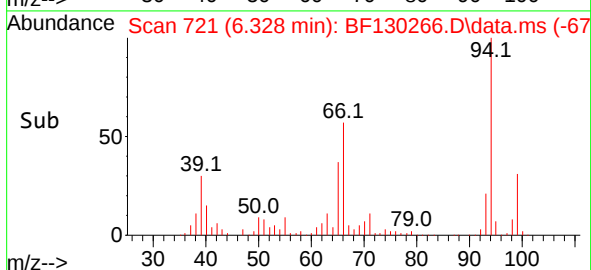
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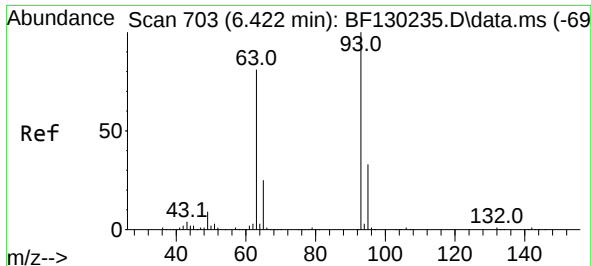


#10
Phenol
Concen: 42.959 ng
RT: 6.328 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



Tgt Ion: 94 Resp: 410808
Ion Ratio Lower Upper
94 100
65 37.3 14.1 54.1
66 56.7 28.1 68.1





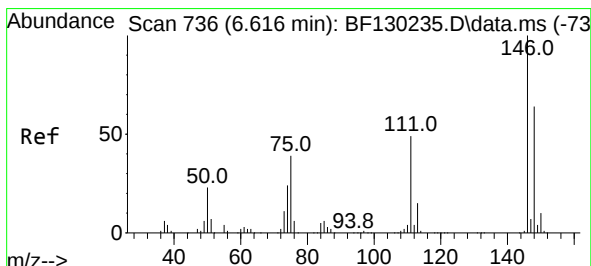
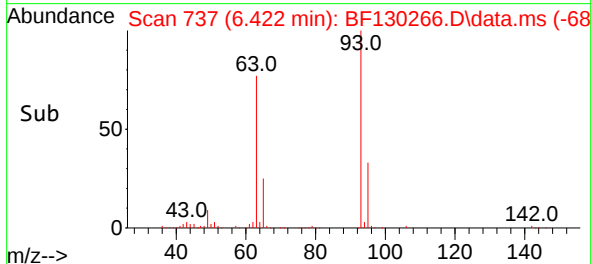
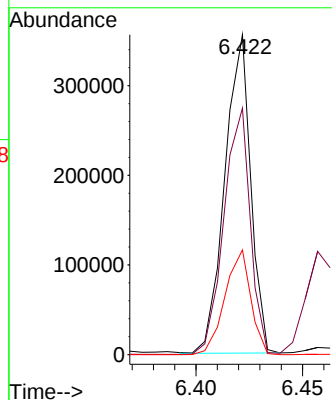
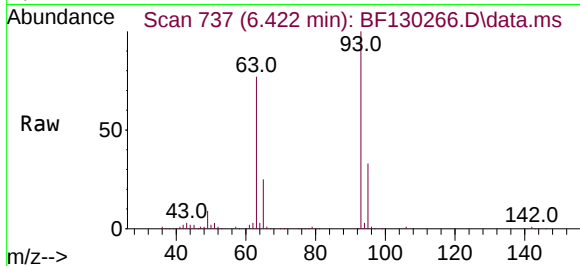
#11
bis(2-Chloroethyl)ether
Concen: 43.412 ng
RT: 6.422 min Scan# 703
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Instrument :
BNA_F
Client Sample Id :
PB147612BS

Tgt Ion: 93 Resp: 299439
Ion Ratio Lower Upper
93 100
63 77.0 62.5 102.5
95 32.7 12.5 52.5

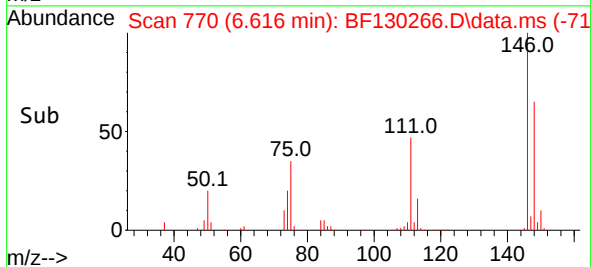
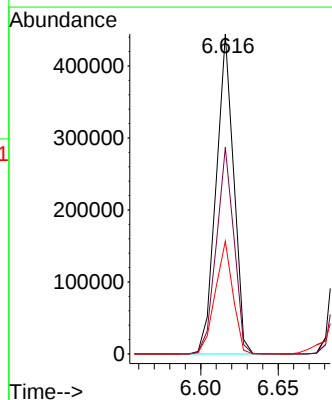
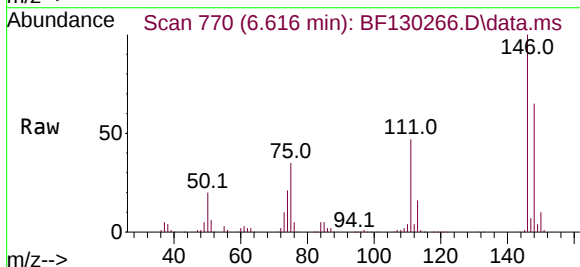
Manual Integrations
APPROVED

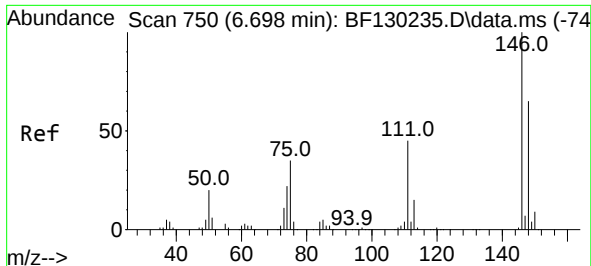
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#12
1,3-Dichlorobenzene
Concen: 42.853 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Tgt Ion:146 Resp: 350302
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
75 35.3 28.8 43.2





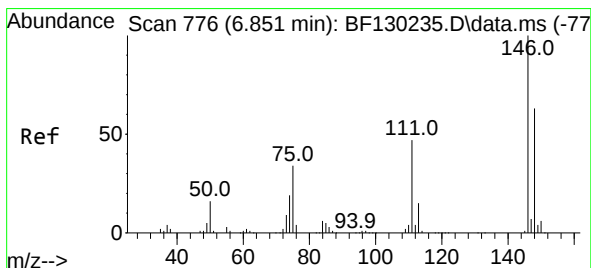
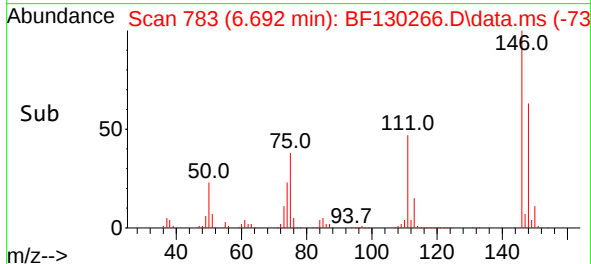
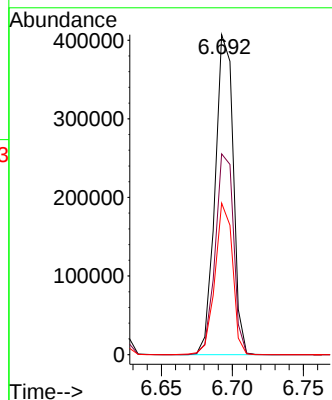
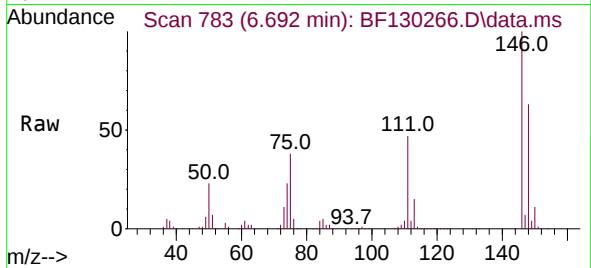
#13
1,4-Dichlorobenzene
Concen: 43.238 ng
RT: 6.692 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Instrument :
BNA_F
ClientSampleId :
PB147612BS

Tgt Ion:146 Resp: 360428
Ion Ratio Lower Upper
146 100
148 62.7 50.3 75.5
111 47.3 36.3 54.5

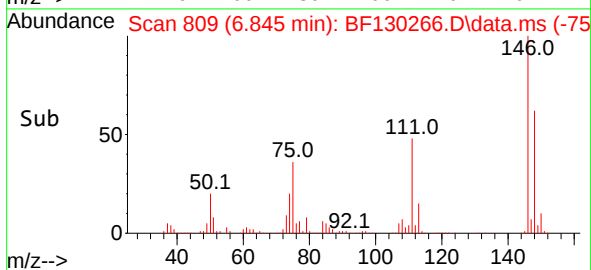
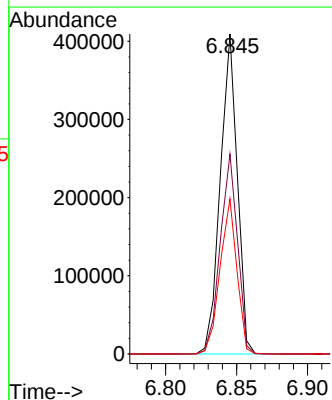
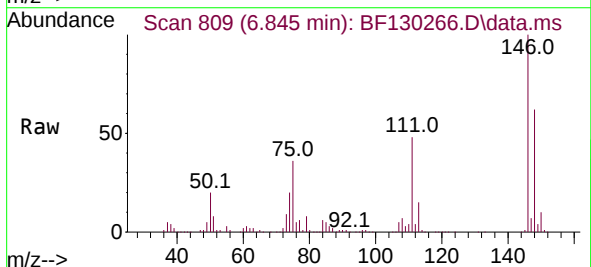
Manual Integrations
APPROVED

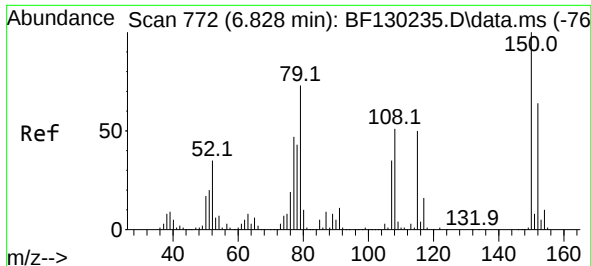
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#14
1,2-Dichlorobenzene
Concen: 43.831 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

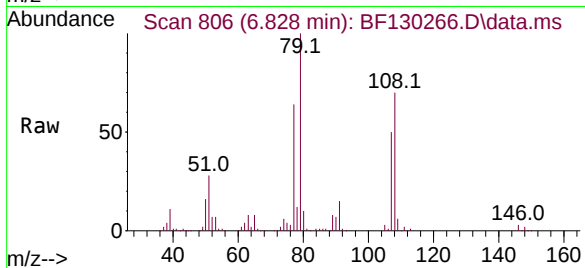
Tgt Ion:146 Resp: 341315
Ion Ratio Lower Upper
146 100
148 62.4 51.6 77.4
111 48.4 39.2 58.8





#15
Benzyl Alcohol
Concen: 43.148 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

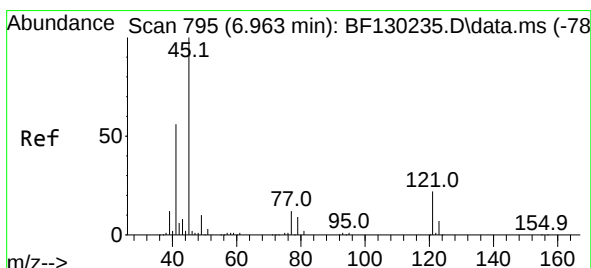
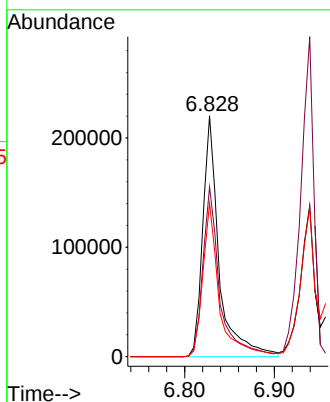
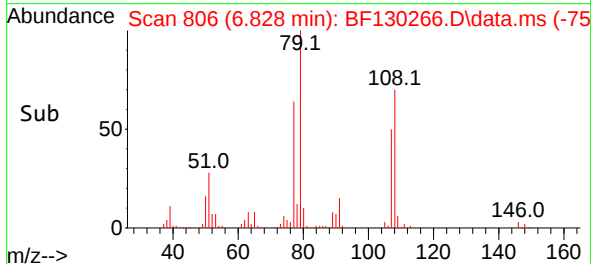
Instrument :
BNA_F
ClientSampleId :
PB147612BS



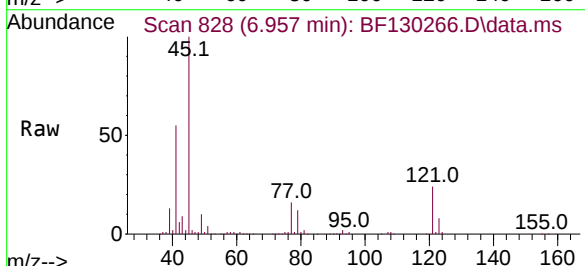
Tgt Ion: 79 Resp: 279162
Ion Ratio Lower Upper
79 100
108 70.5 54.0 81.0
77 63.6 51.3 76.9

Manual Integrations
APPROVED

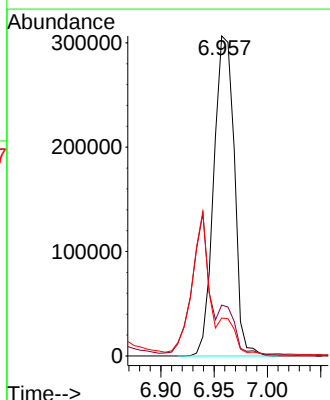
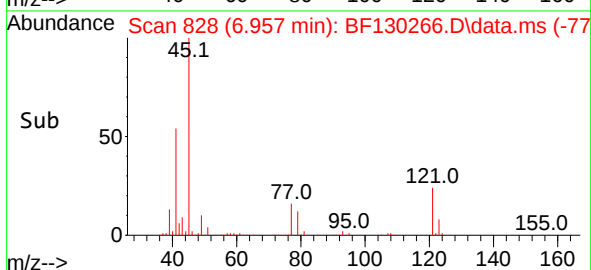
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

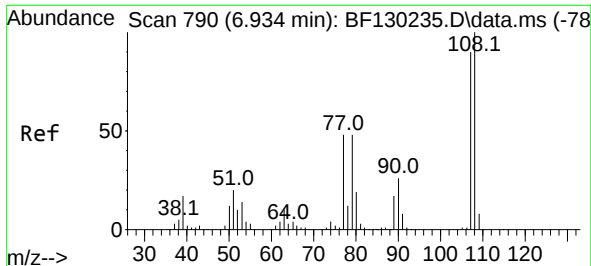


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.018 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



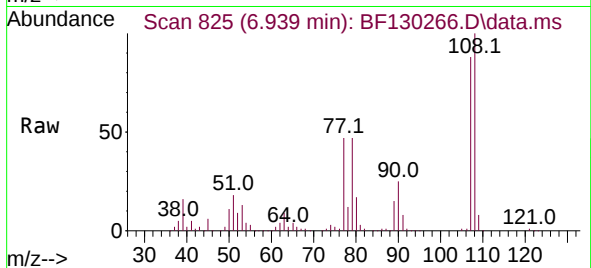
Tgt Ion: 45 Resp: 412645
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.9
79 11.8 0.0 31.0





#17
2-Methylphenol
Concen: 42.670 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

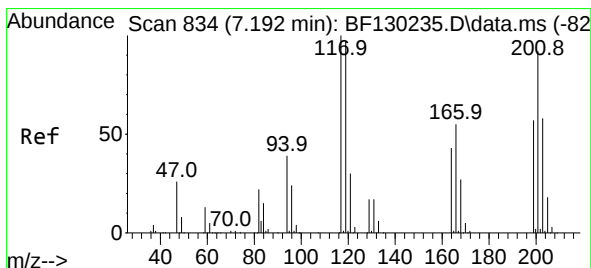
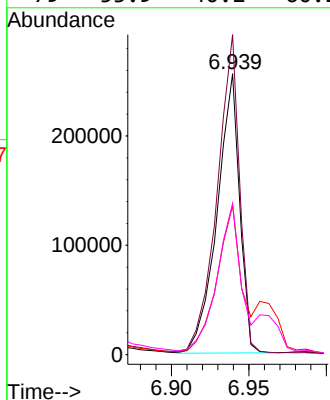
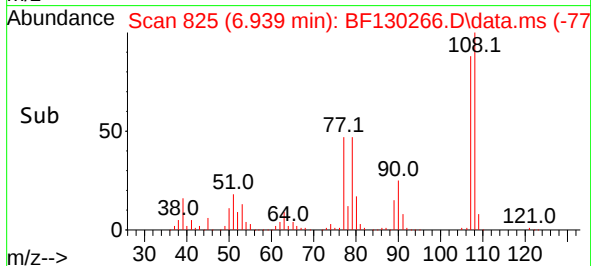
Instrument :
BNA_F
ClientSampleId :
PB147612BS



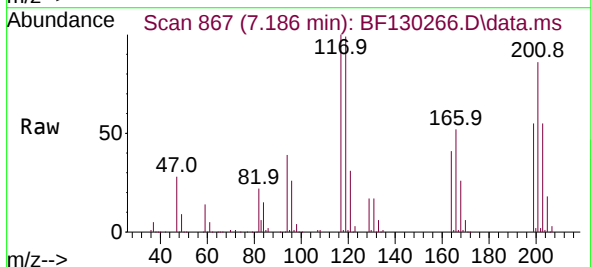
Tgt Ion:107 Resp: 257689
Ion Ratio Lower Upper
107 100
108 113.9 89.4 134.0
77 53.1 40.6 60.8
79 53.9 40.2 60.2

Manual Integrations
APPROVED

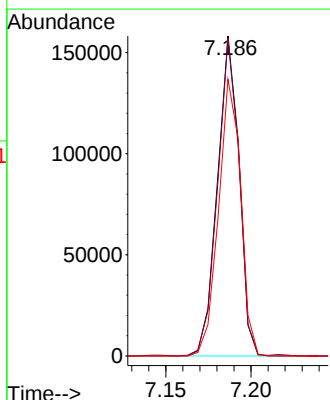
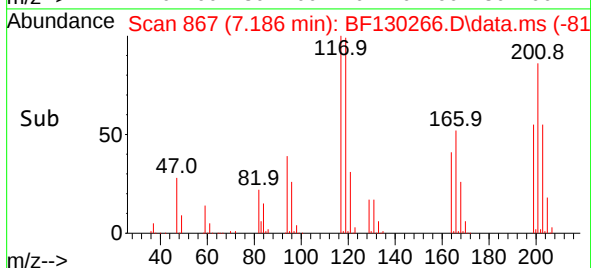
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

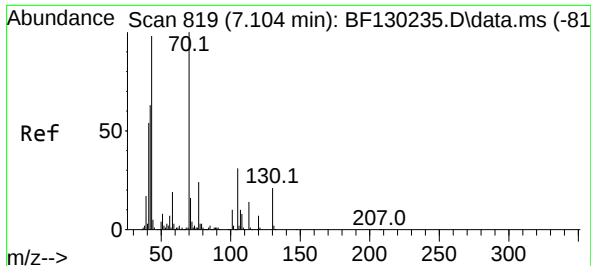


#18
Hexachloroethane
Concen: 42.600 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



Tgt Ion:117 Resp: 139978
Ion Ratio Lower Upper
117 100
119 99.4 77.8 116.6
201 86.4 68.7 103.1





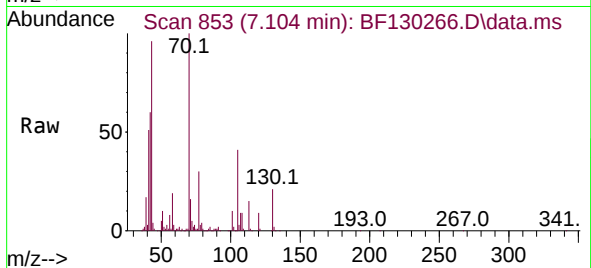
#19
n-Nitroso-di-n-propylamine
Concen: 42.769 ng
RT: 7.104 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Instrument :

BNA_F

ClientSampleId :

PB147612BS

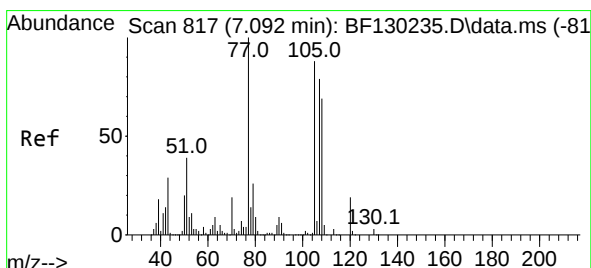
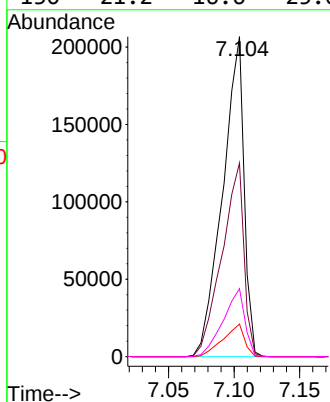
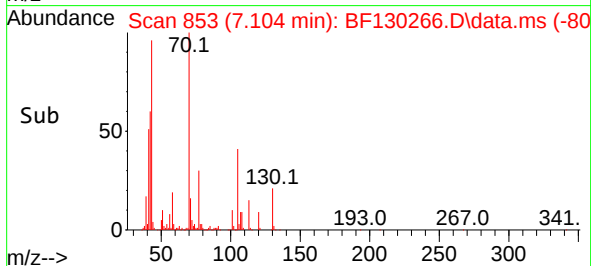


Tgt Ion: 70 Resp: 235496
Ion Ratio Lower Upper
70 100
42 60.5 50.8 76.2
101 10.2 8.2 12.4
130 21.2 16.6 25.0

Manual Integrations

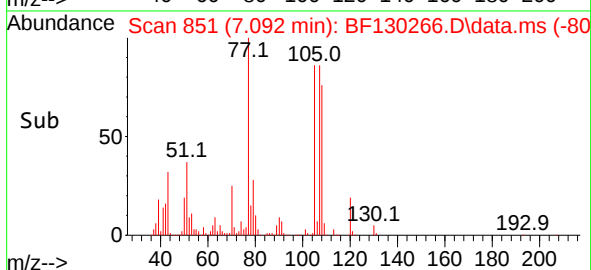
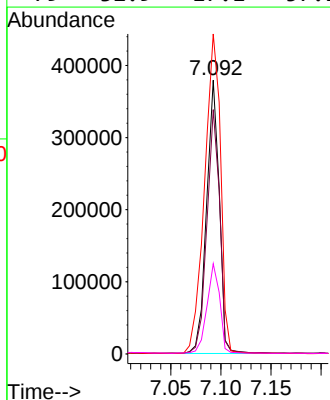
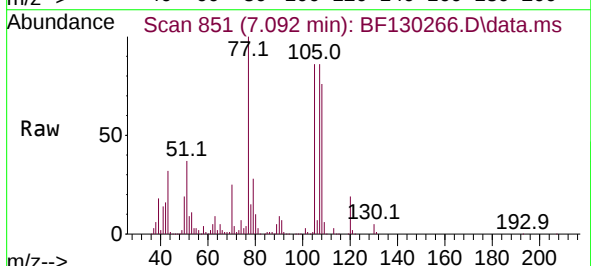
APPROVED

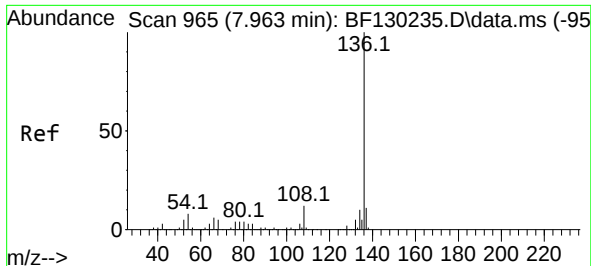
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#20
3+4-Methylphenols
Concen: 42.330 ng
RT: 7.092 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

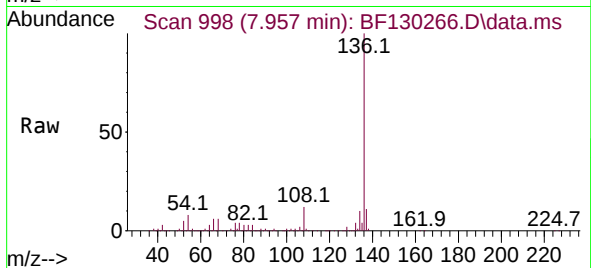
Tgt Ion:107 Resp: 332088
Ion Ratio Lower Upper
107 100
108 89.2 74.8 114.8
77 116.9 125.8 165.8#
79 32.9 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

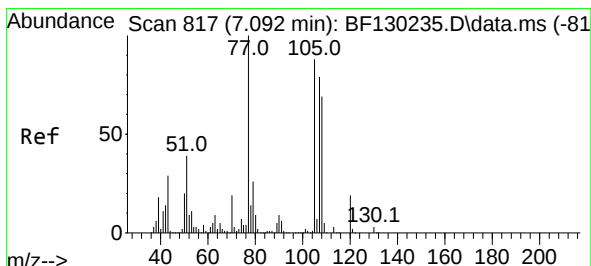
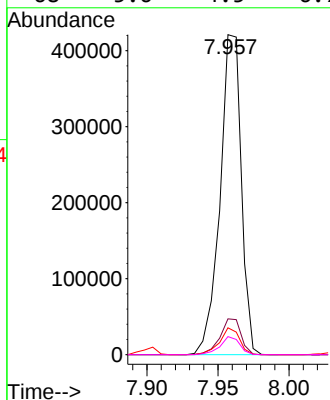
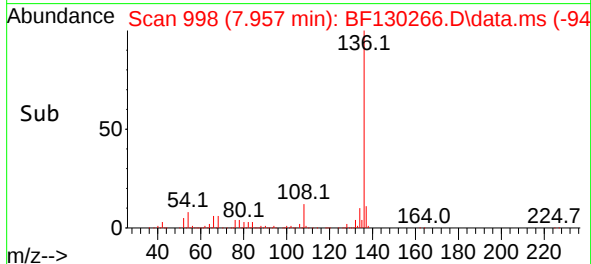
Instrument :
BNA_F
ClientSampleId :
PB147612BS



Tgt Ion:136 Resp: 440052
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.4 7.1 10.7
68 5.6 4.5 6.7

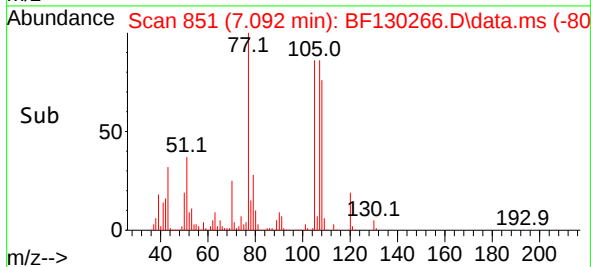
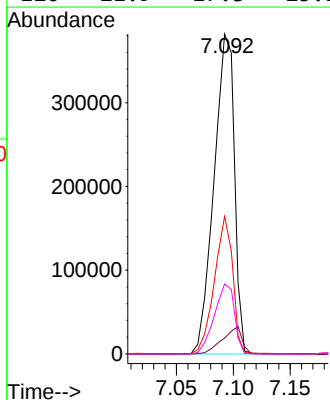
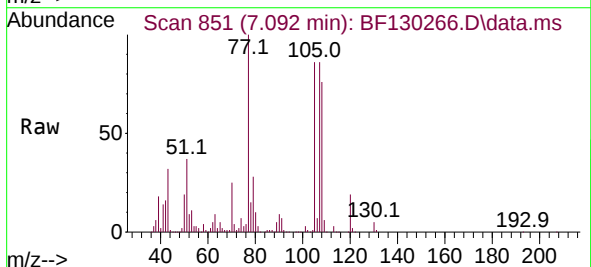
Manual Integrations
APPROVED

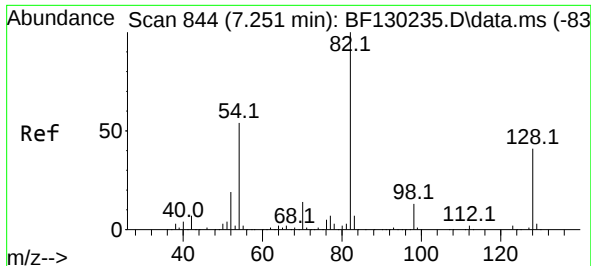
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#22
Acetophenone
Concen: 44.237 ng
RT: 7.092 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Tgt Ion:105 Resp: 475930
Ion Ratio Lower Upper
105 100
71 4.9 3.9 5.9
51 43.0 32.2 48.2
120 21.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 81.537 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130266.D

Acq: 15 Sep 2022 12:09

Instrument :

BNA_F

ClientSampleId :

PB147612BS

Tgt Ion: 82 Resp: 70233

Ion Ratio Lower Upper

82 100

128 40.7 32.6 49.0

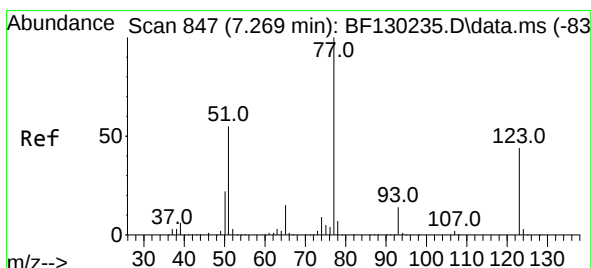
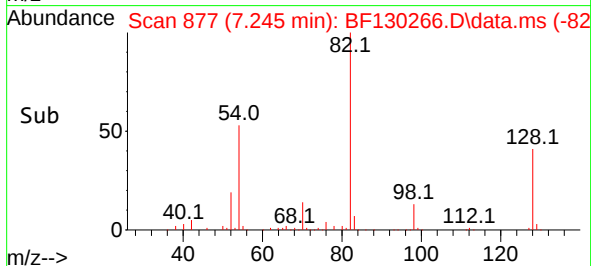
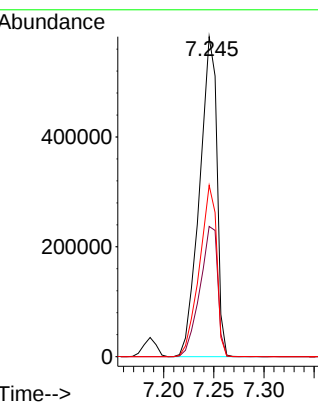
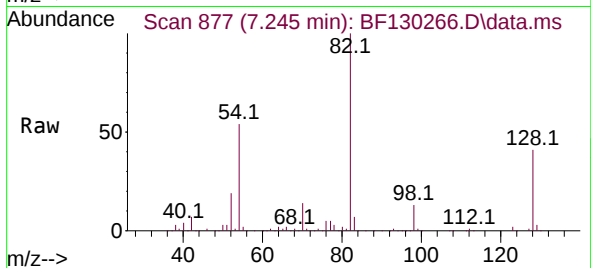
54 53.5 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#24

Nitrobenzene

Concen: 41.328 ng

RT: 7.263 min Scan# 880

Delta R.T. -0.006 min

Lab File: BF130266.D

Acq: 15 Sep 2022 12:09

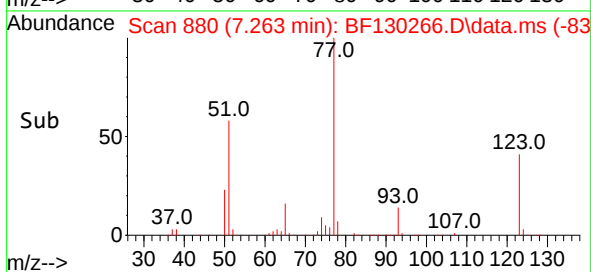
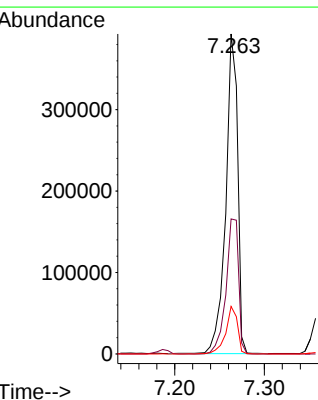
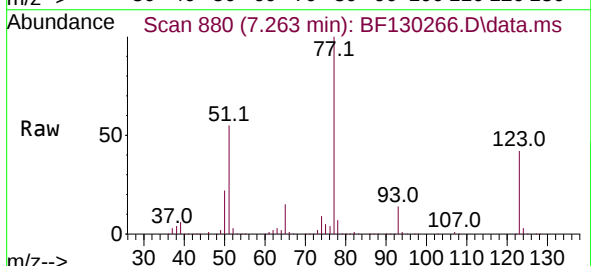
Tgt Ion: 77 Resp: 361461

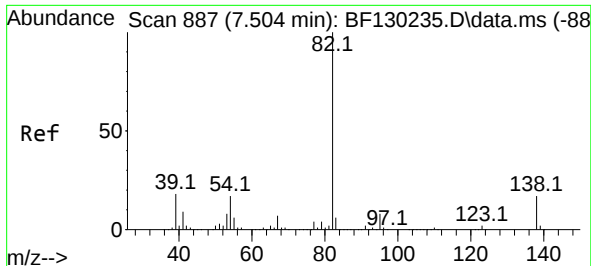
Ion Ratio Lower Upper

77 100

123 42.2 34.3 51.5

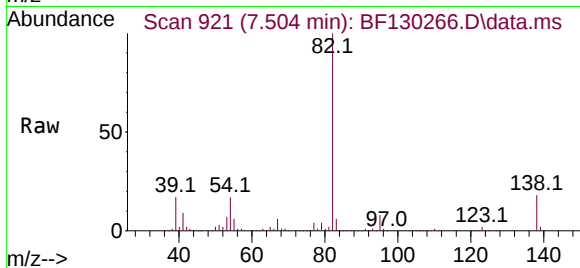
65 14.8 12.0 18.0





#25
Isophorone
Concen: 45.807 ng
RT: 7.504 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

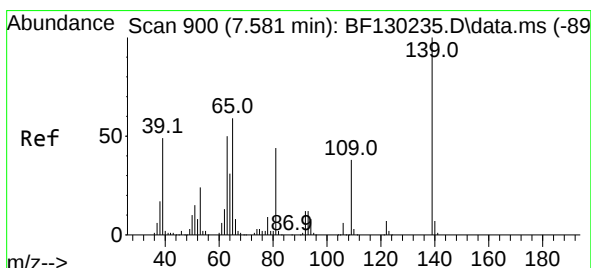
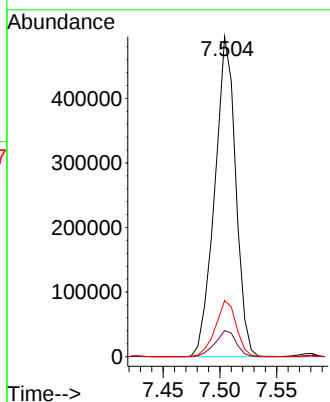
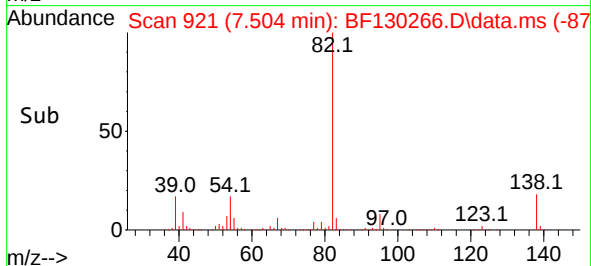
Instrument :
BNA_F
ClientSampleId :
PB147612BS



Tgt Ion: 82 Resp: 635945
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 17.5 13.8 20.6

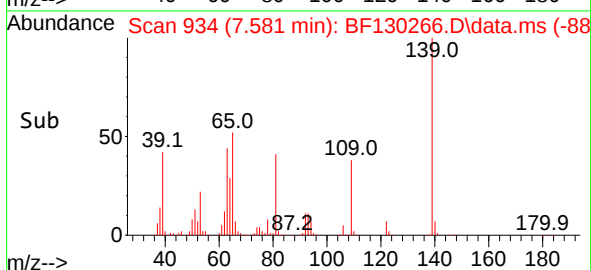
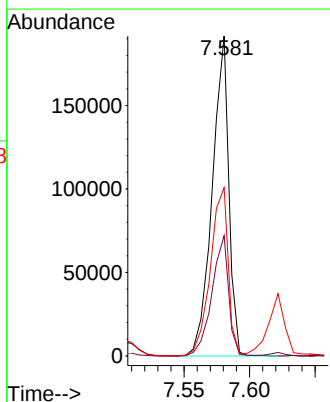
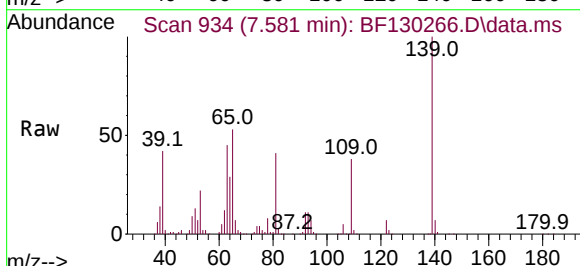
Manual Integrations
APPROVED

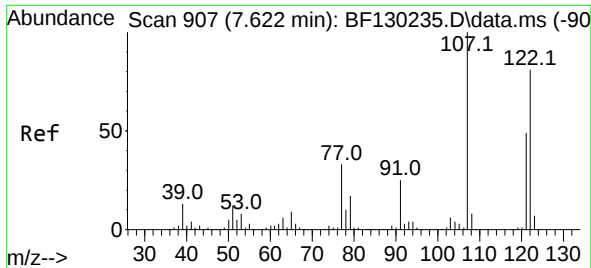
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#26
2-Nitrophenol
Concen: 47.029 ng
RT: 7.581 min Scan# 934
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Tgt Ion:139 Resp: 168617
Ion Ratio Lower Upper
139 100
109 37.6 30.2 45.4
65 52.6 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 51.153 ng

RT: 7.622 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF130266.D

Acq: 15 Sep 2022 12:09

Instrument :

BNA_F

ClientSampleId :

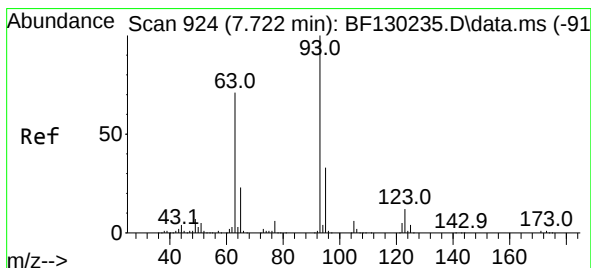
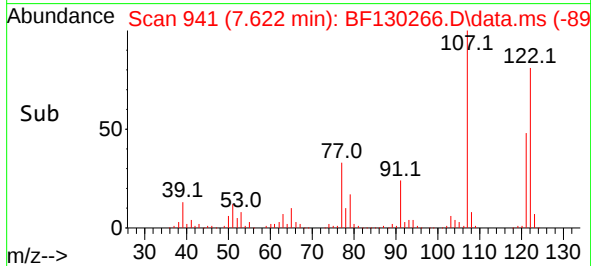
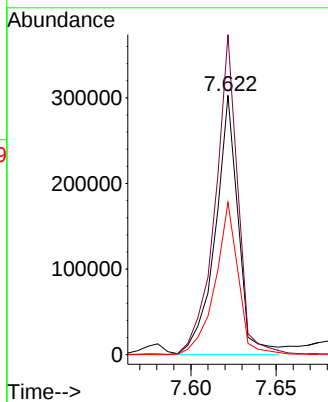
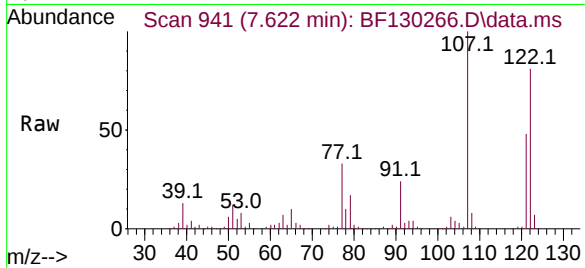
PB147612BS

Tgt Ion:122 Resp: 282392
 Ion Ratio Lower Upper
 122 100
 107 123.4 100.2 150.2
 121 58.7 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.897 ng

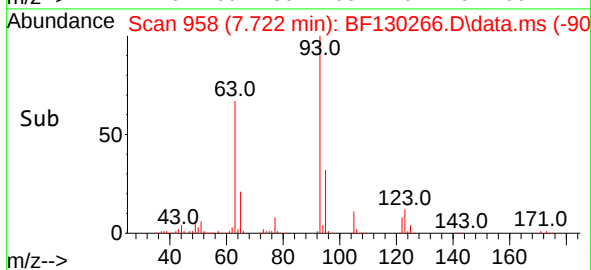
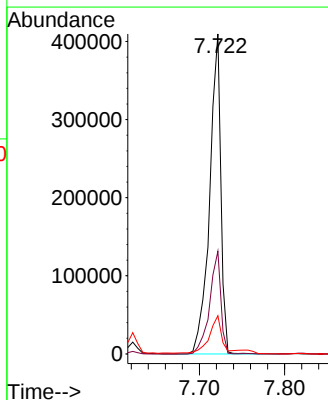
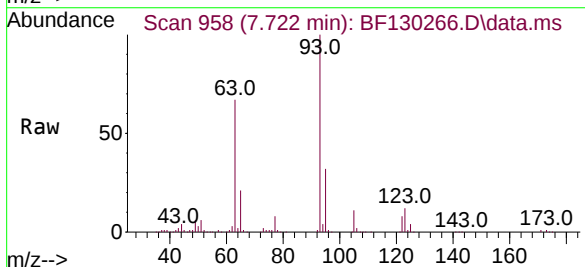
RT: 7.722 min Scan# 958

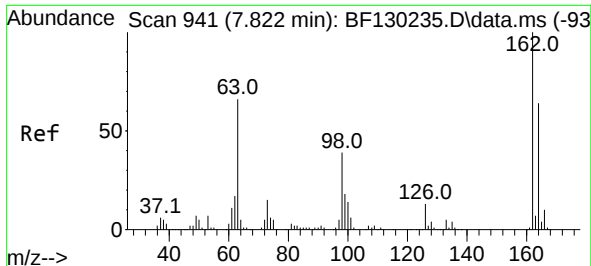
Delta R.T. 0.000 min

Lab File: BF130266.D

Acq: 15 Sep 2022 12:09

Tgt Ion: 93 Resp: 374428
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 11.9 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 44.835 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130266.D

Acq: 15 Sep 2022 12:09

Instrument :

BNA_F

ClientSampleId :

PB147612BS

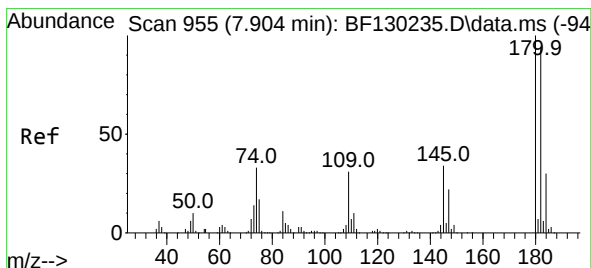
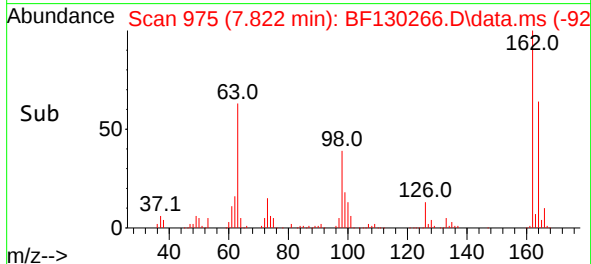
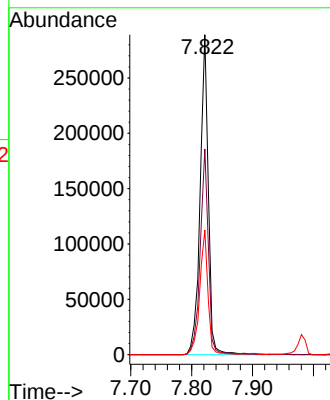
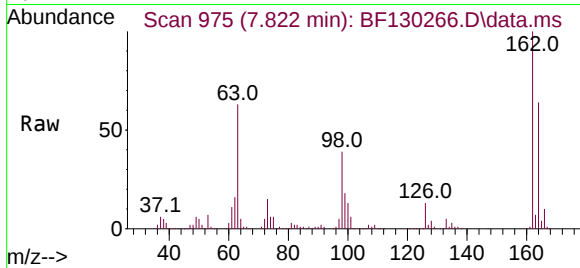
Tgt Ion:	162	Resp:	27123
Ion Ratio	Lower	Upper	
162	100		
164	64.3	42.2	82.2
98	38.9	21.7	61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.866 ng

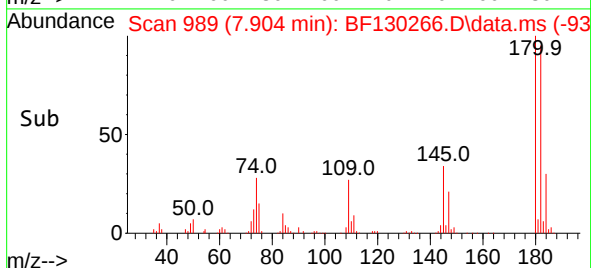
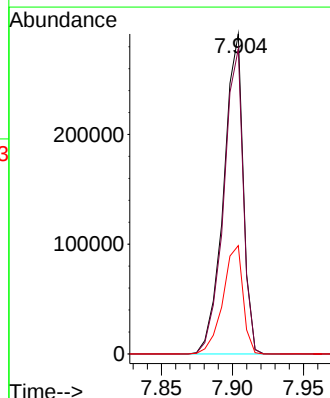
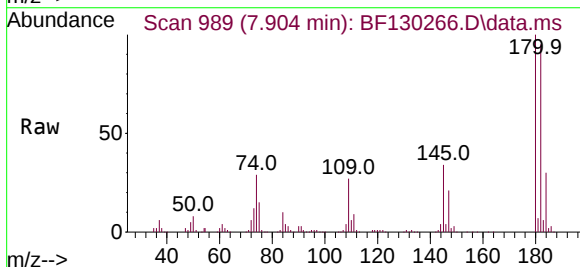
RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF130266.D

Acq: 15 Sep 2022 12:09

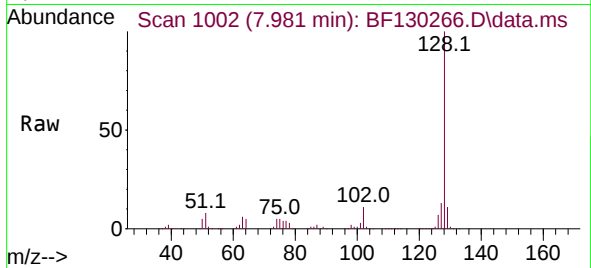
Tgt Ion:	180	Resp:	280370
Ion Ratio	Lower	Upper	
180	100		
182	95.3	73.3	109.9
145	33.8	28.3	42.5





#31
Naphthalene
Concen: 41.782 ng
RT: 7.981 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

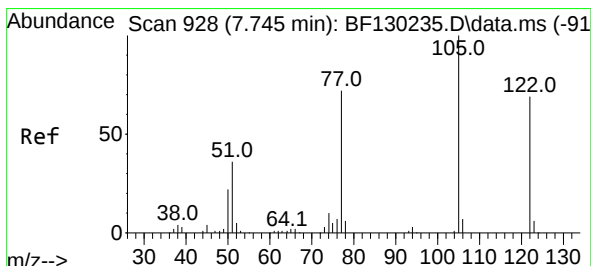
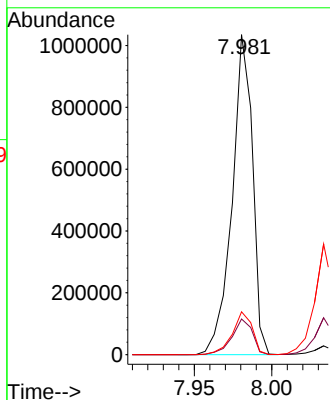
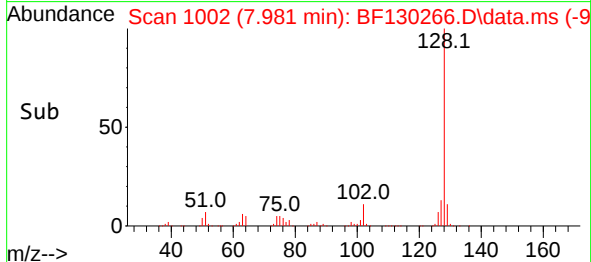
Instrument :
BNA_F
ClientSampleId :
PB147612BS



Tgt Ion:128 Resp: 947253
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.4 10.6 16.0

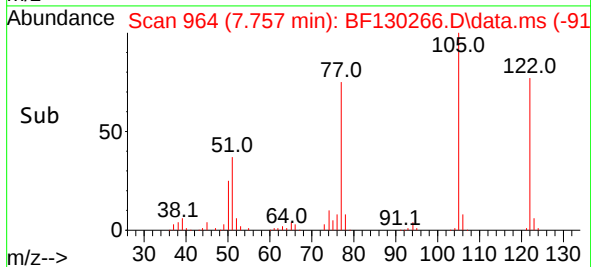
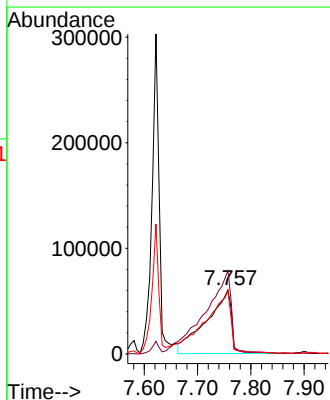
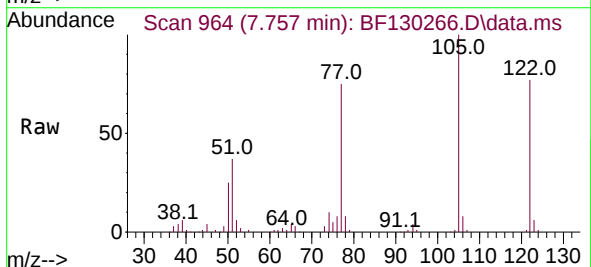
Manual Integrations
APPROVED

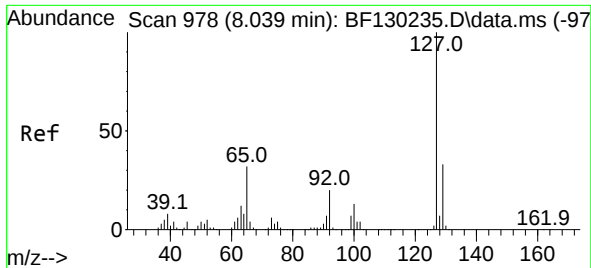
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#32
Benzoic acid
Concen: 46.344 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.012 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Tgt Ion:122 Resp: 197852
Ion Ratio Lower Upper
122 100
105 130.0 112.9 152.9
77 97.9 82.8 122.8





#33
4-Chloroaniline
Concen: 35.168 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Instrument :

BNA_F

ClientSampleId :

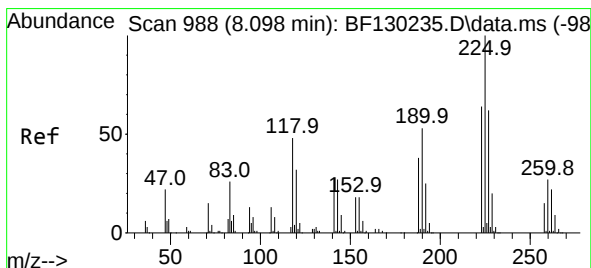
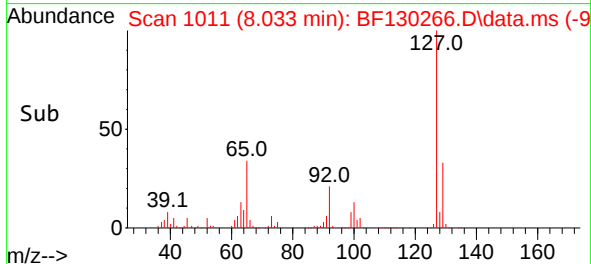
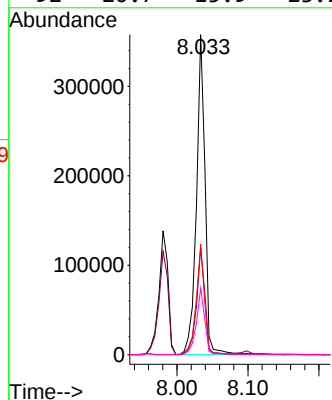
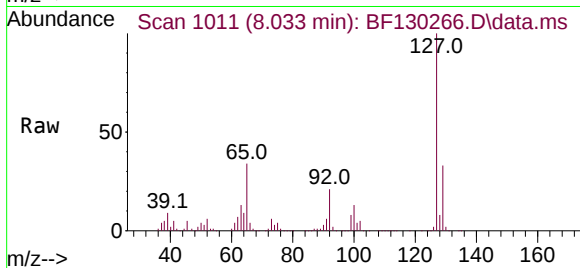
PB147612BS

Tgt Ion:127 Resp: 30323
Ion Ratio Lower Upper
127 100
129 33.3 25.6 38.4
65 34.4 27.0 40.6
92 20.7 15.9 23.9

Manual Integrations

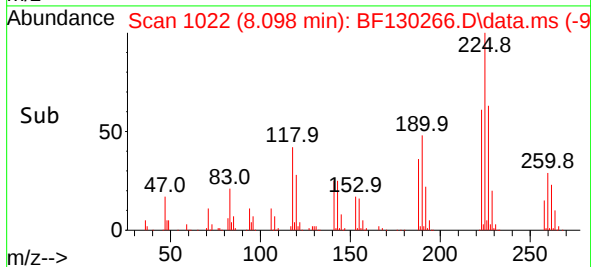
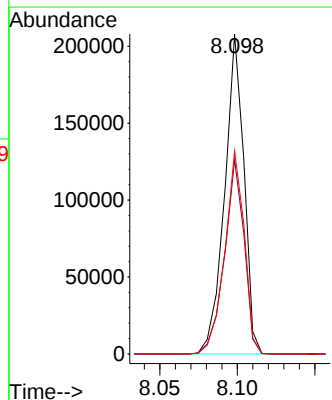
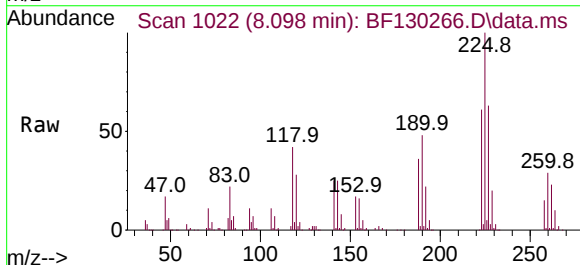
APPROVED

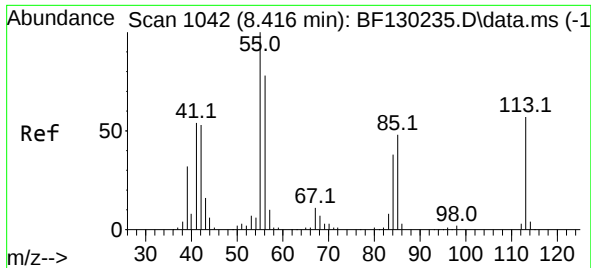
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#34
Hexachlorobutadiene
Concen: 43.062 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Tgt Ion:225 Resp: 180000
Ion Ratio Lower Upper
225 100
223 60.6 50.3 75.5
227 63.4 51.1 76.7





#35
Caprolactam
Concen: 48.519 ng m
RT: 8.410 min Scan# 1094
Delta R.T. -0.006 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Instrument :

BNA_F

ClientSampleId :

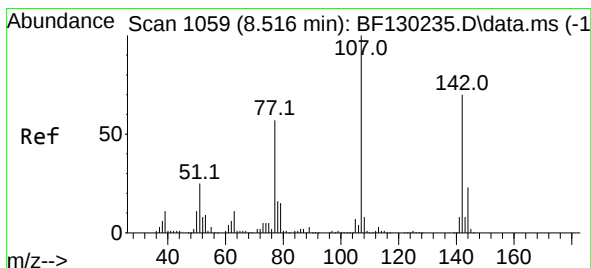
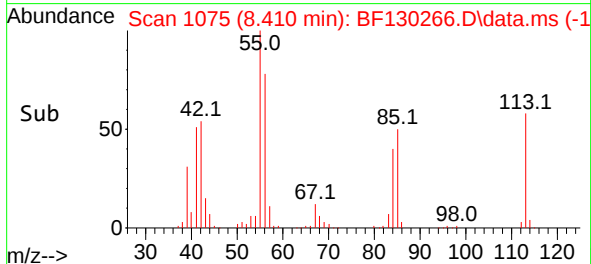
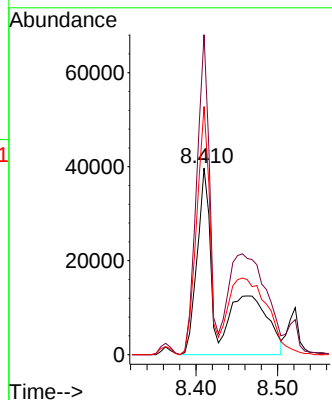
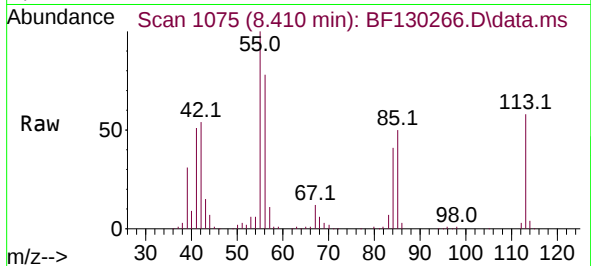
PB147612BS

Tgt Ion:113 Resp: 84146
Ion Ratio Lower Upper
113 100
55 171.6 155.4 195.4
56 133.0 120.4 160.4

Manual Integrations

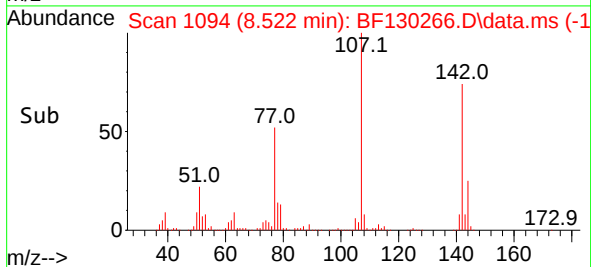
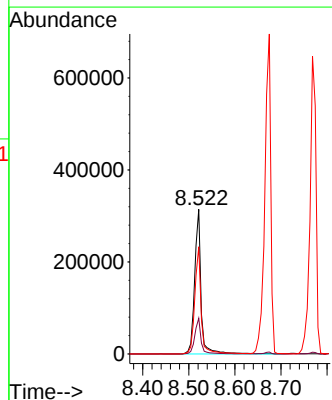
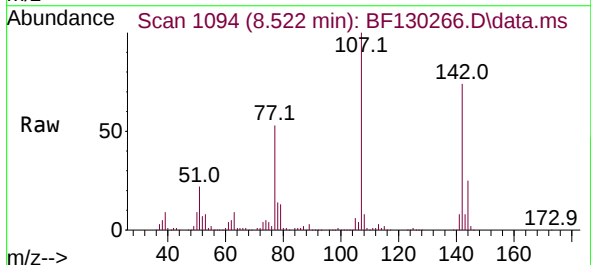
APPROVED

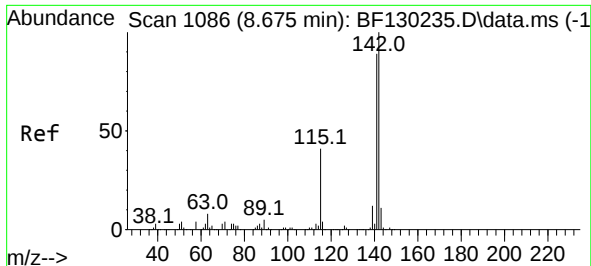
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#36
4-Chloro-3-methylphenol
Concen: 45.110 ng
RT: 8.522 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Tgt Ion:107 Resp: 302483
Ion Ratio Lower Upper
107 100
144 24.7 20.0 30.0
142 74.1 61.3 91.9





#37

2-Methylnaphthalene

Concen: 43.048 ng

RT: 8.675 min Scan# 1103

Delta R.T. 0.000 min

Lab File: BF130266.D

Acq: 15 Sep 2022 12:09

Instrument :

BNA_F

ClientSampleId :

PB147612BS

Tgt Ion:142 Resp: 62225

Ion Ratio Lower Upper

142 100

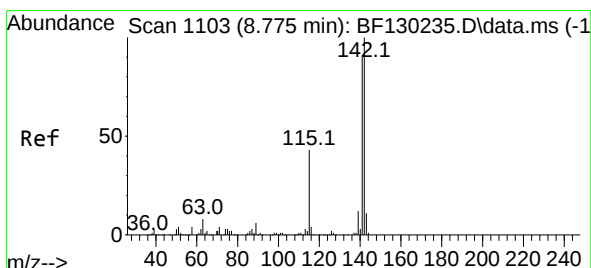
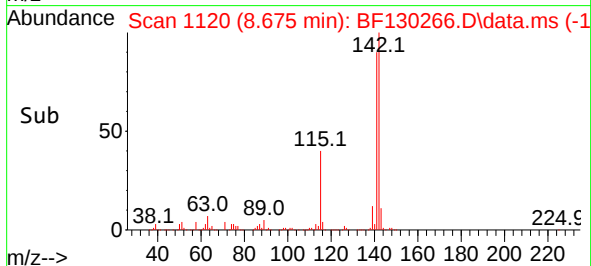
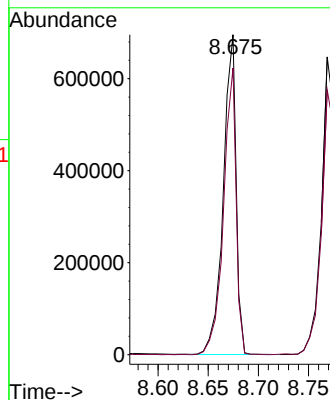
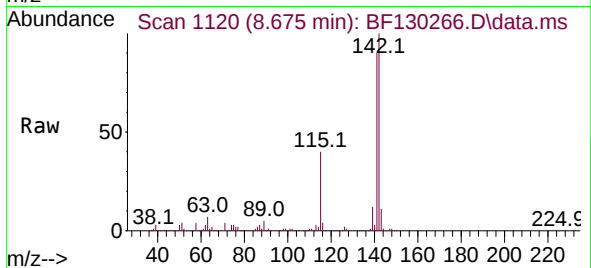
141 89.6 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#38

1-Methylnaphthalene

Concen: 42.693 ng

RT: 8.769 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF130266.D

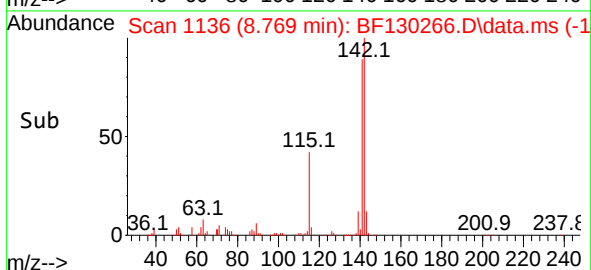
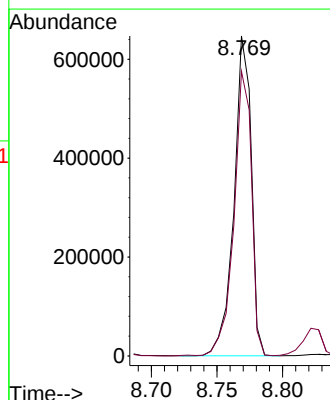
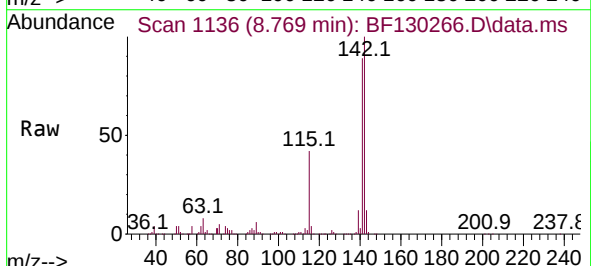
Acq: 15 Sep 2022 12:09

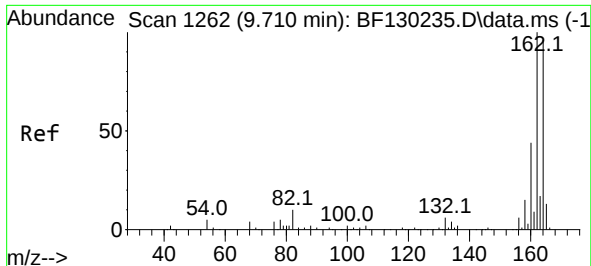
Tgt Ion:142 Resp: 592838

Ion Ratio Lower Upper

142 100

141 88.9 73.8 110.8





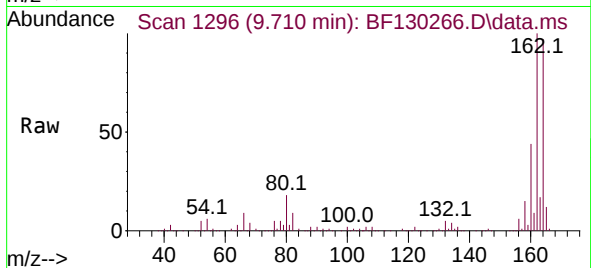
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.710 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Instrument :

BNA_F

ClientSampleId :

PB147612BS

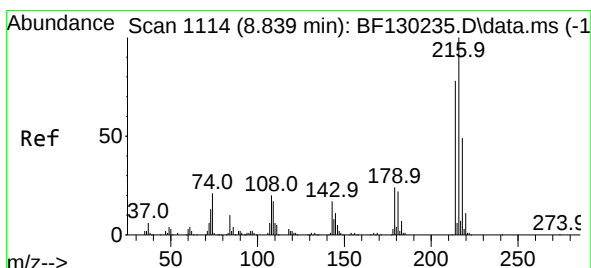
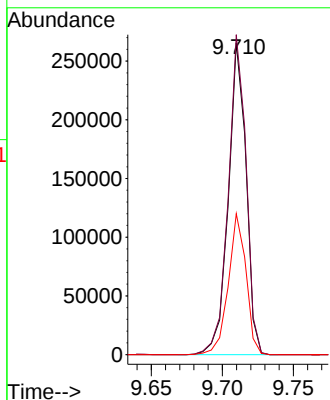
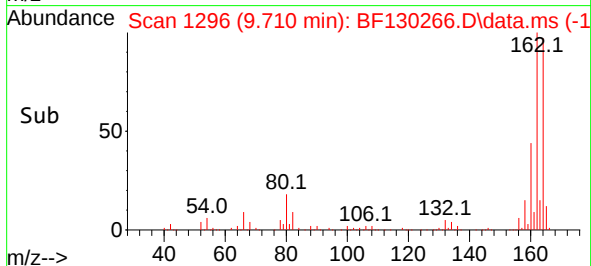


Tgt Ion:164 Resp: 230210
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 45.2 36.2 54.4

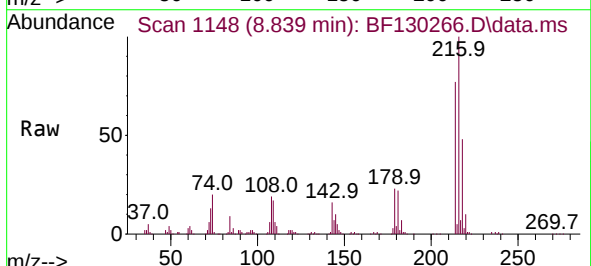
Manual Integrations

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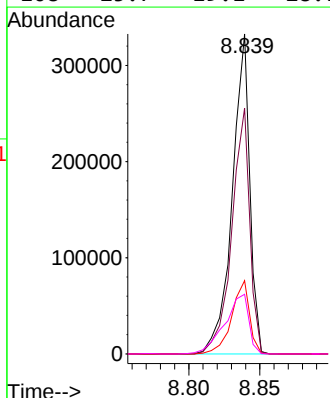
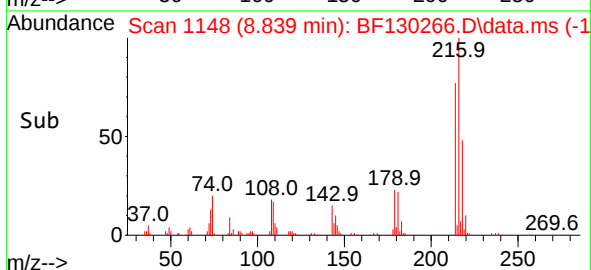
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

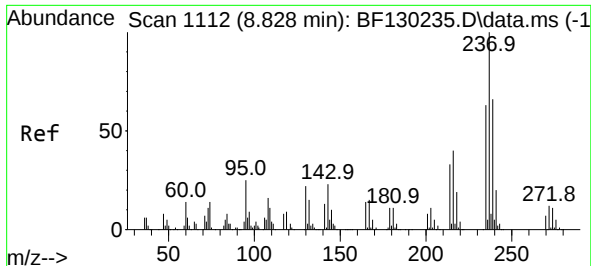


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.245 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



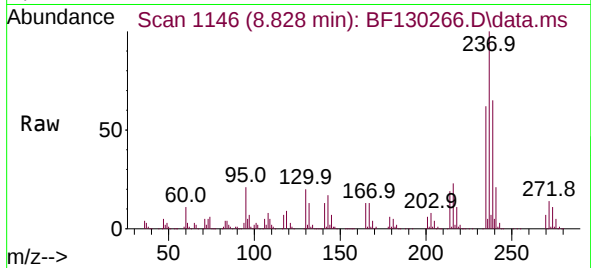
Tgt Ion:216 Resp: 284257
Ion Ratio Lower Upper
216 100
214 78.7 62.8 94.2
179 23.4 19.5 29.3
108 25.7 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 118.068 ng
RT: 8.828 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

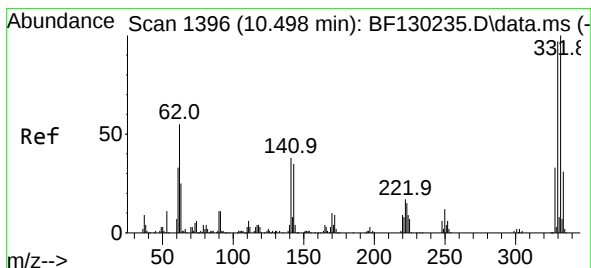
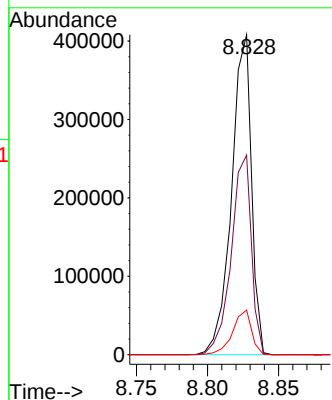
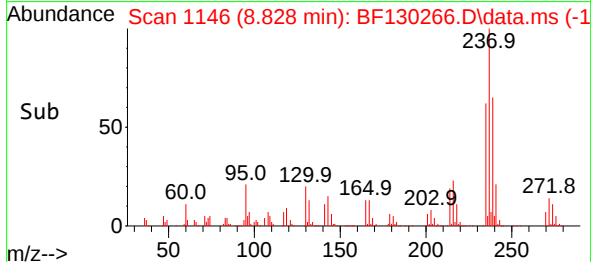
Instrument :
BNA_F
ClientSampleId :
PB147612BS



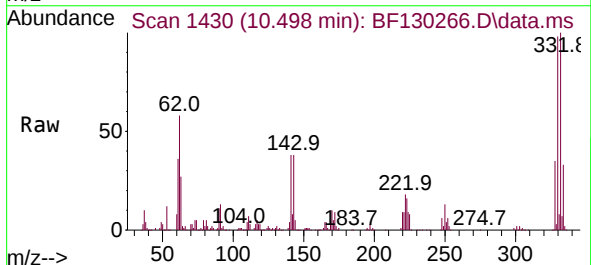
Tgt Ion: 237 Resp: 397137
Ion Ratio Lower Upper
237 100
235 62.4 42.5 82.5
272 13.9 0.0 32.8

Manual Integrations
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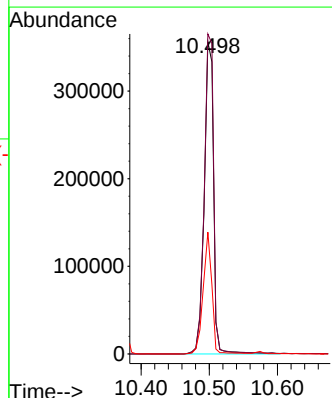
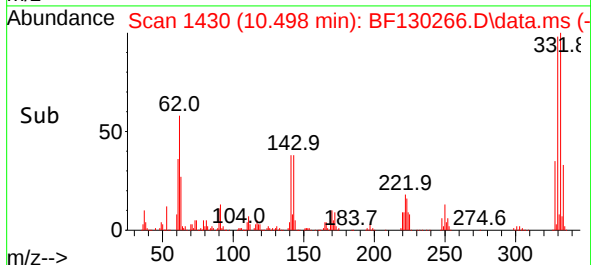
Reviewed By : Christian Giraldo 09/16/2022
Supervised By : Jagrut Upadhyay 09/16/2022

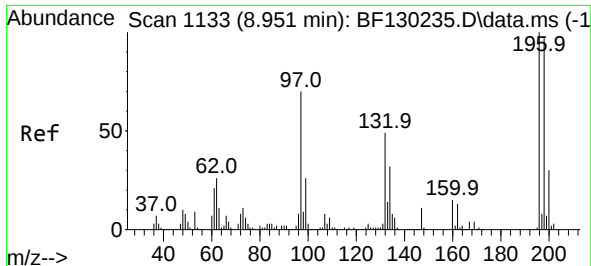


#42
2,4,6-Tribromophenol
Concen: 154.013 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



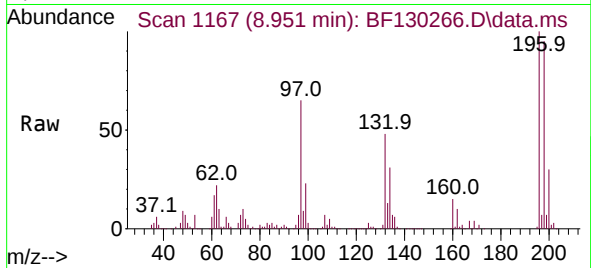
Tgt Ion: 330 Resp: 339729
Ion Ratio Lower Upper
330 100
332 104.3 83.4 125.2
141 36.3 34.0 51.0





#43
2,4,6-Trichlorophenol
Concen: 44.256 ng
RT: 8.951 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

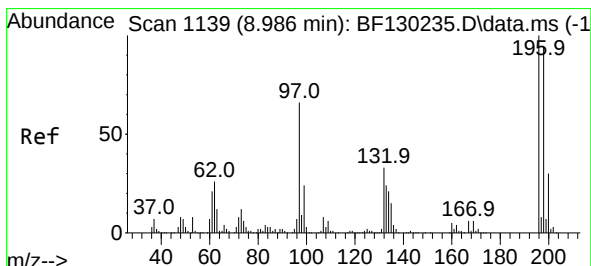
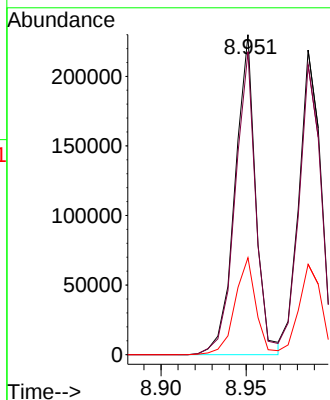
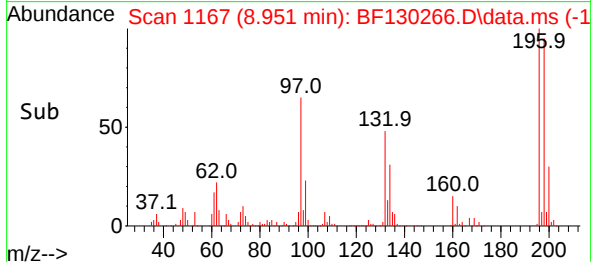
Instrument :
BNA_F
ClientSampleId :
PB147612BS



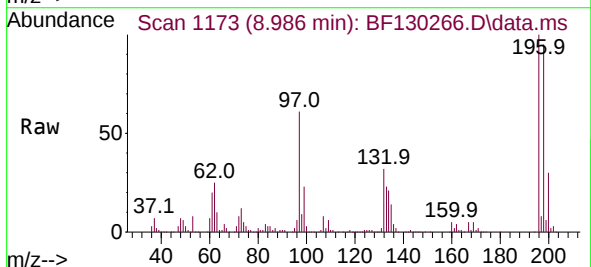
Tgt Ion:196 Resp: 194048
Ion Ratio Lower Upper
196 100
198 94.7 72.4 108.6
200 30.3 23.8 35.6

Manual Integrations
APPROVED

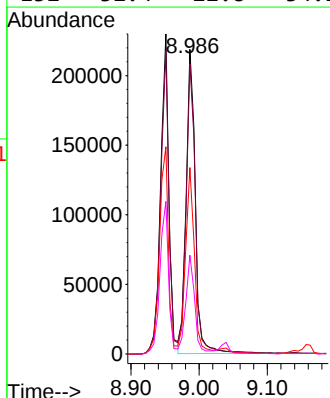
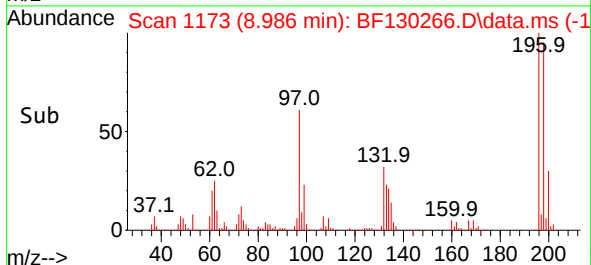
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

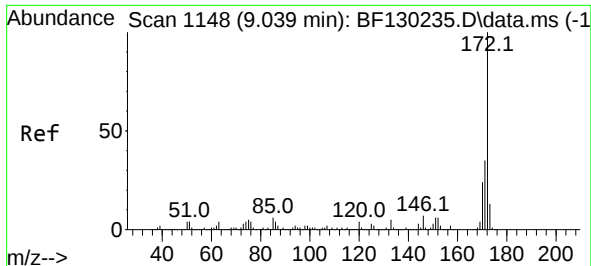


#44
2,4,5-Trichlorophenol
Concen: 43.529 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



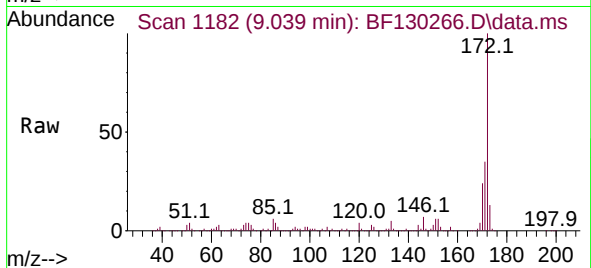
Tgt Ion:196 Resp: 205958
Ion Ratio Lower Upper
196 100
198 95.2 74.8 112.2
97 61.2 43.7 65.5
132 32.4 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 82.419 ng
RT: 9.039 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

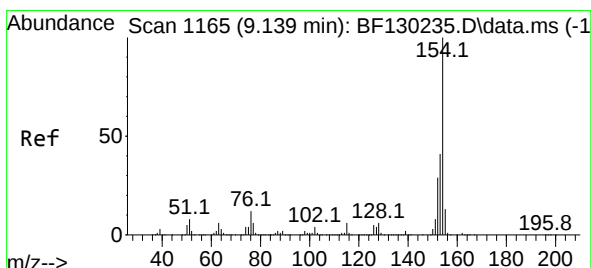
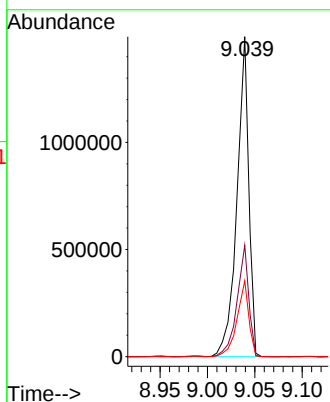
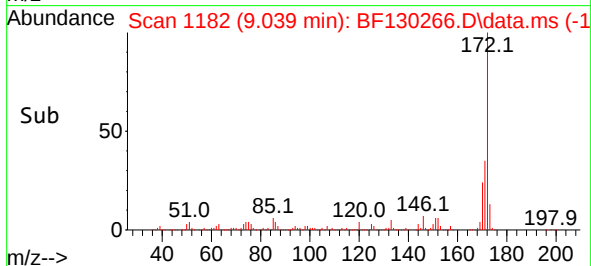
Instrument :
BNA_F
ClientSampleId :
PB147612BS



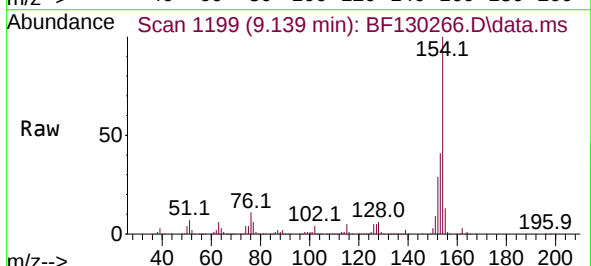
Tgt Ion:172 Resp: 1302965
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.7 18.7 28.1

Manual Integrations
APPROVED

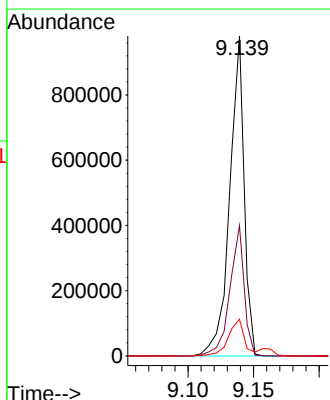
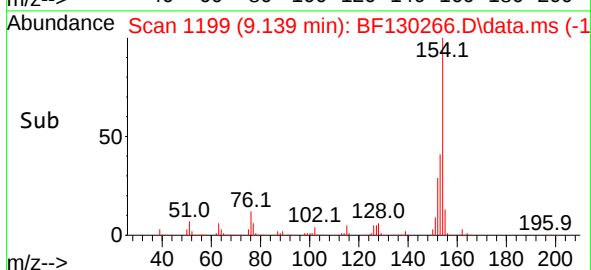
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

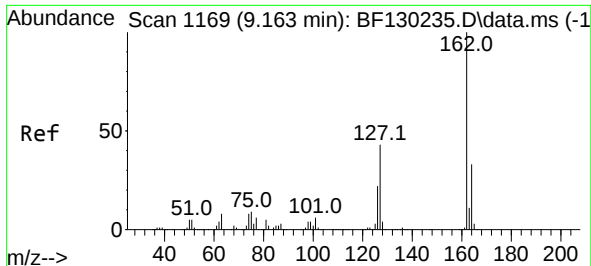


#46
1,1'-Biphenyl
Concen: 43.935 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



Tgt Ion:154 Resp: 755381
Ion Ratio Lower Upper
154 100
153 40.7 20.0 60.0
76 11.5 0.0 33.3





#47
2-Chloronaphthalene
Concen: 42.834 ng
RT: 9.163 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Instrument :

BNA_F

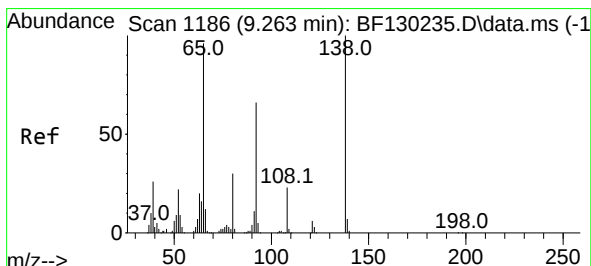
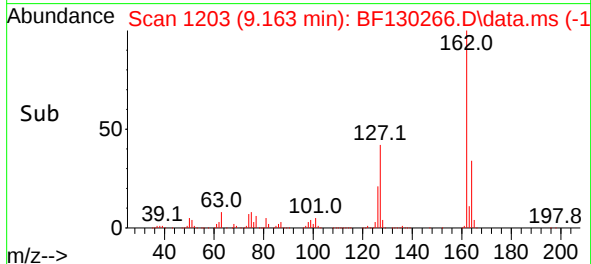
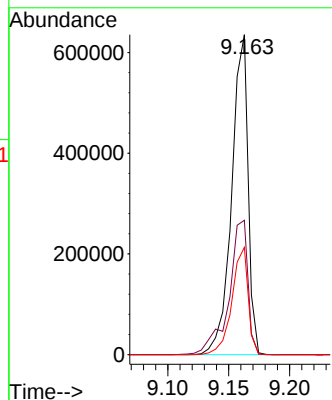
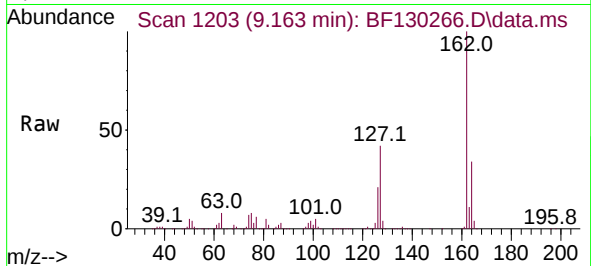
ClientSampleId :

PB147612BS

Tgt Ion:162 Resp: 595735
Ion Ratio Lower Upper
162 100
127 42.0 35.9 53.9
164 33.6 26.2 39.2

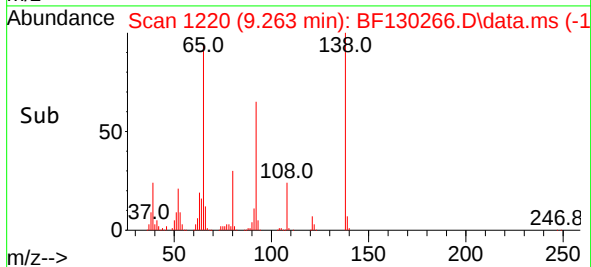
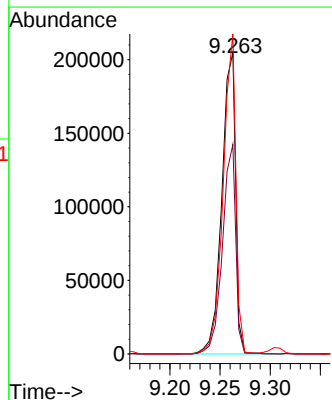
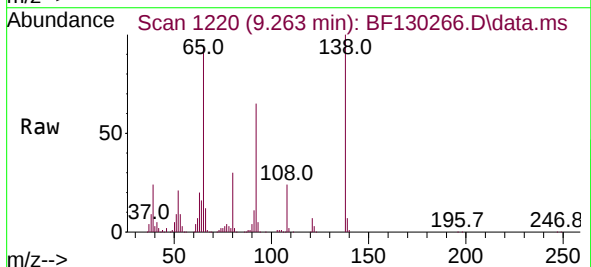
Manual Integrations
APPROVED

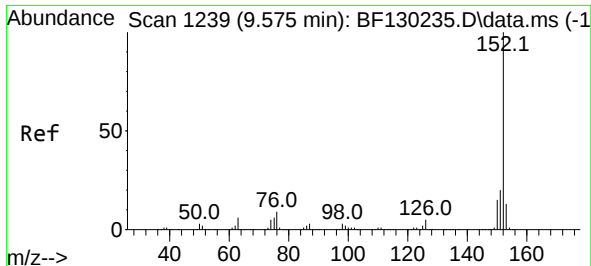
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#48
2-Nitroaniline
Concen: 42.253 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

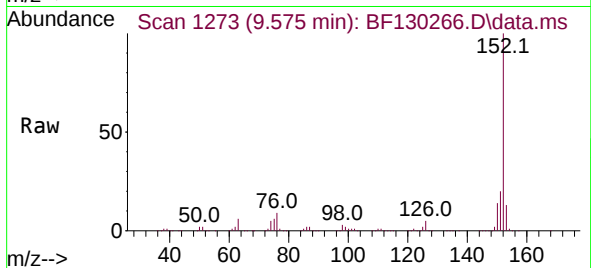
Tgt Ion: 65 Resp: 196001
Ion Ratio Lower Upper
65 100
92 69.5 52.2 78.4
138 106.3 77.0 115.4





#49
Acenaphthylene
Concen: 42.969 ng
RT: 9.575 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

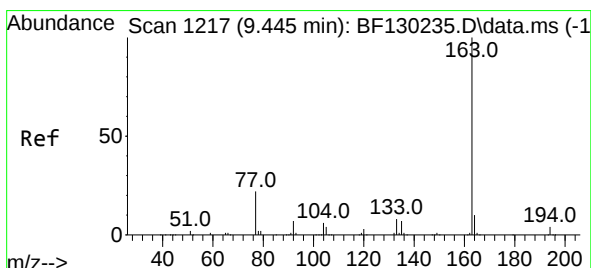
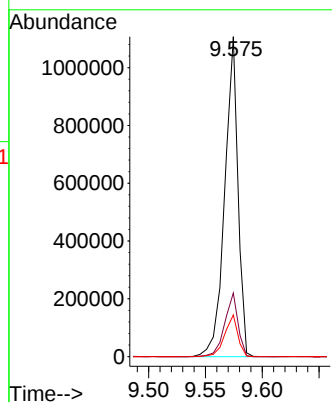
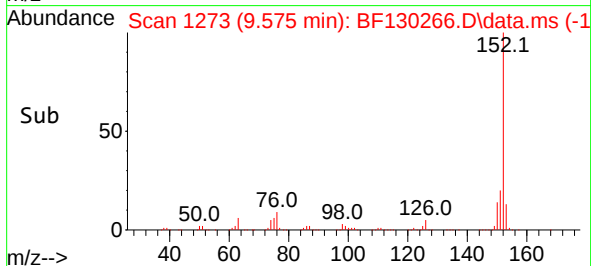
Instrument :
BNA_F
ClientSampleId :
PB147612BS



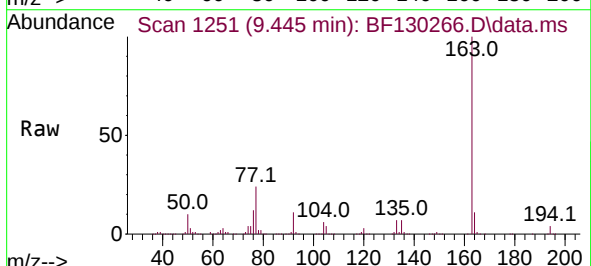
Tgt Ion:152 Resp: 896046
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.0 10.6 15.8

Manual Integrations
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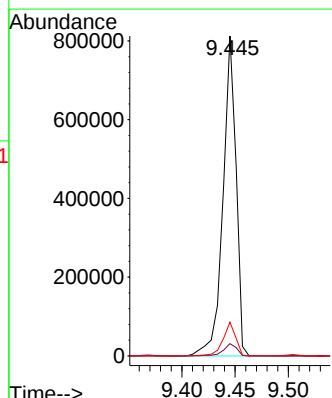
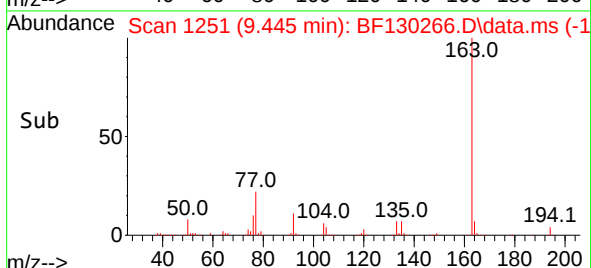
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

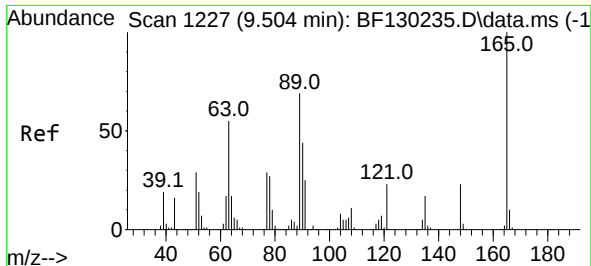


#50
Dimethylphthalate
Concen: 43.684 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



Tgt Ion:163 Resp: 694662
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.6 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 45.693 ng

RT: 9.504 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130266.D

Acq: 15 Sep 2022 12:09

Instrument :

BNA_F

ClientSampleId :

PB147612BS

Tgt Ion:165 Resp: 151960

Ion Ratio Lower Upper

165 100

63 65.7 58.8 88.2

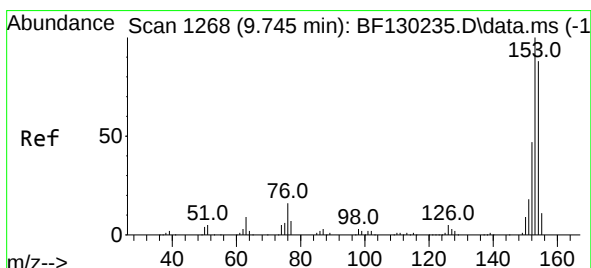
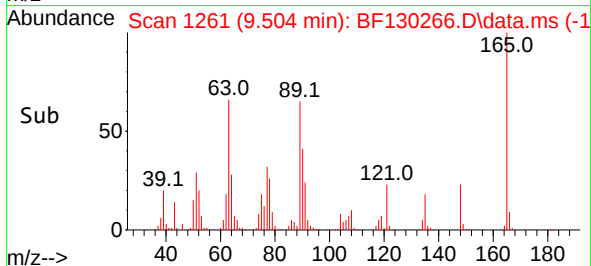
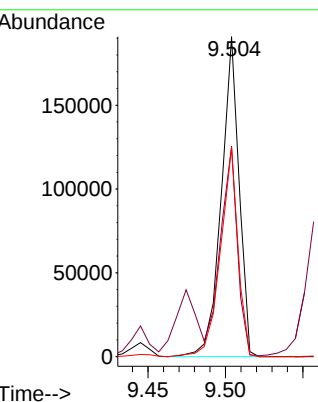
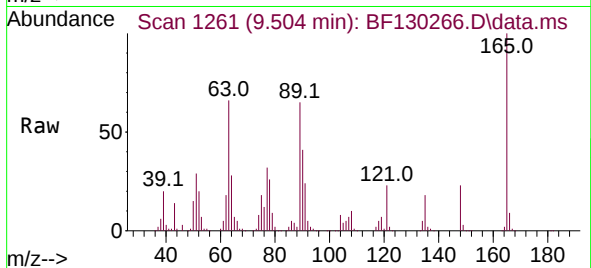
89 65.4 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#52

Acenaphthene

Concen: 48.703 ng m

RT: 9.745 min Scan# 1302

Delta R.T. 0.000 min

Lab File: BF130266.D

Acq: 15 Sep 2022 12:09

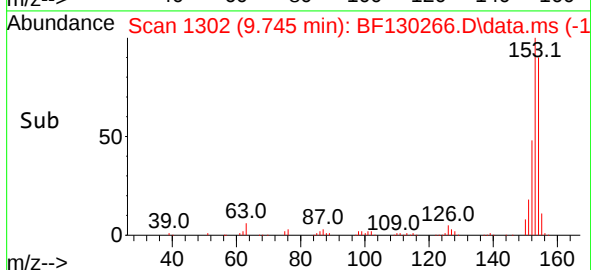
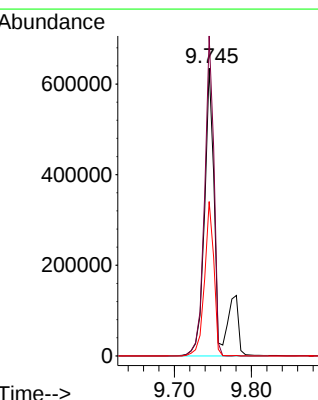
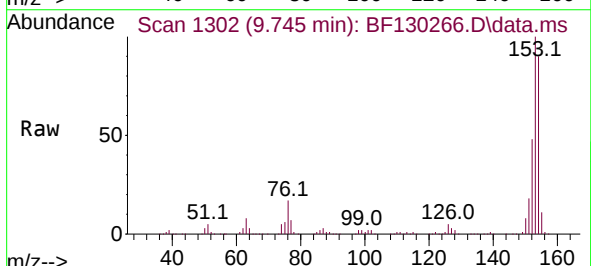
Tgt Ion:154 Resp: 667288

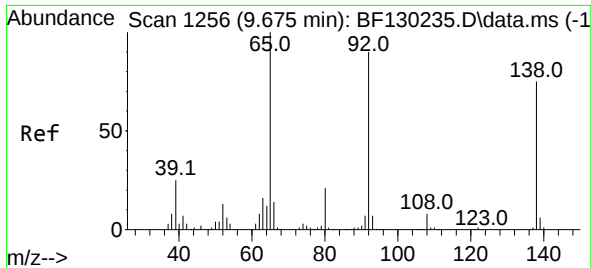
Ion Ratio Lower Upper

154 100

153 111.3 90.6 136.0

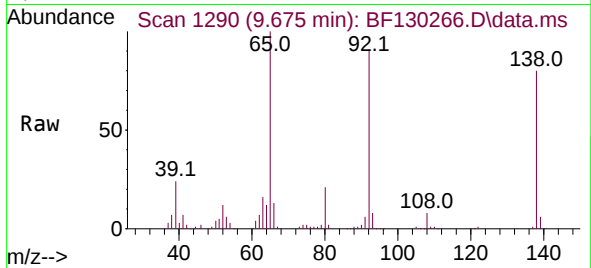
152 53.7 43.8 65.6





#53
3-Nitroaniline
Concen: 35.751 ng
RT: 9.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

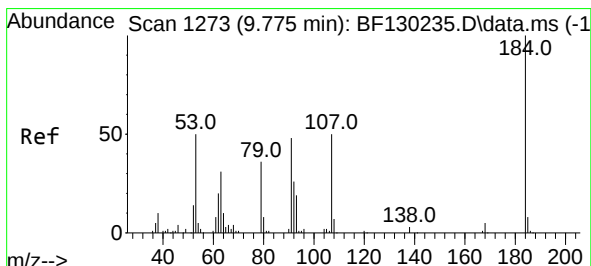
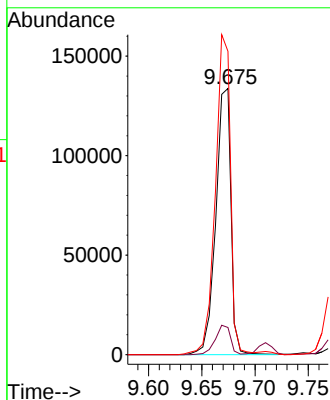
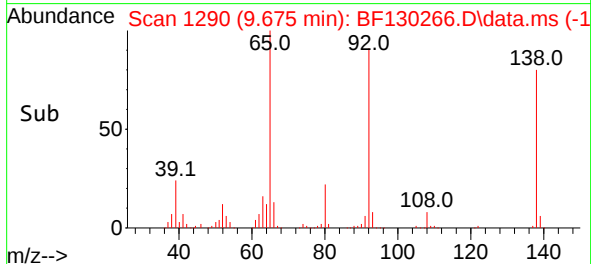
Instrument :
BNA_F
ClientSampleId :
PB147612BS



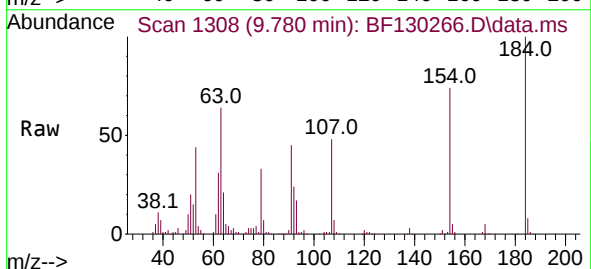
Tgt Ion:138 Resp: 132484
Ion Ratio Lower Upper
138 100
108 10.2 9.2 13.8
92 114.0 99.2 148.8

Manual Integrations
APPROVED

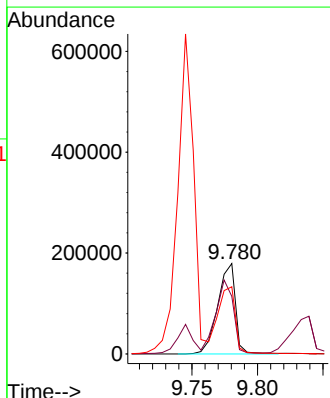
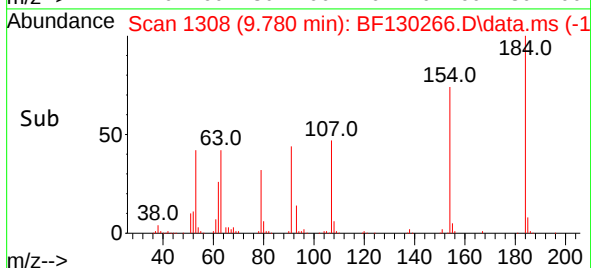
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

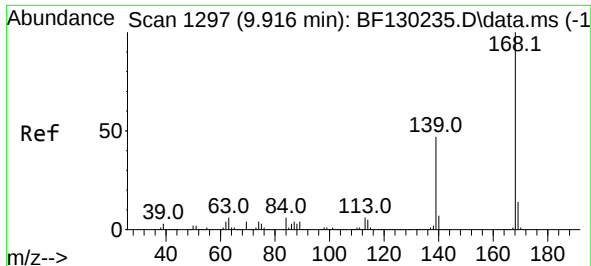


#54
2,4-Dinitrophenol
Concen: 92.467 ng
RT: 9.780 min Scan# 1308
Delta R.T. 0.005 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



Tgt Ion:184 Resp: 168724
Ion Ratio Lower Upper
184 100
63 63.8 70.0 105.0#
154 74.4 63.0 94.6





#55

Dibenzenofuran

Concen: 42.794 ng

RT: 9.916 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF130266.D

Acq: 15 Sep 2022 12:09

Instrument :

BNA_F

ClientSampleId :

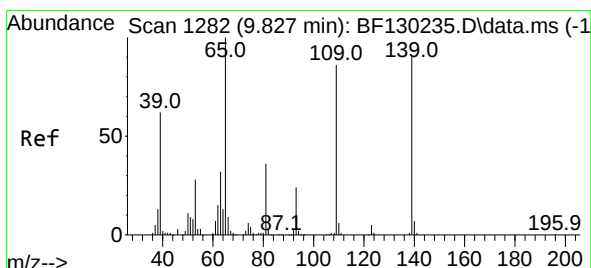
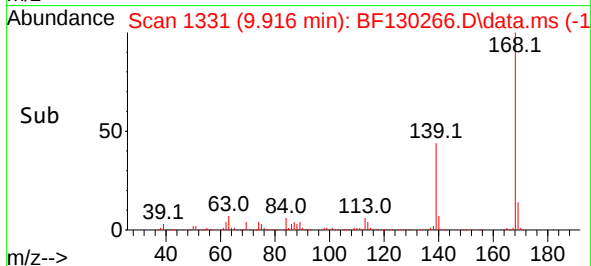
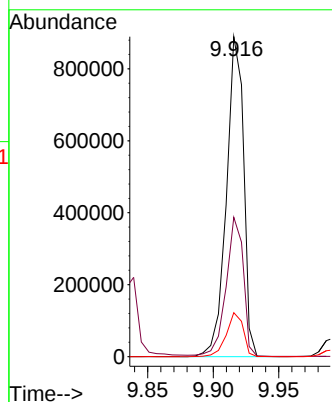
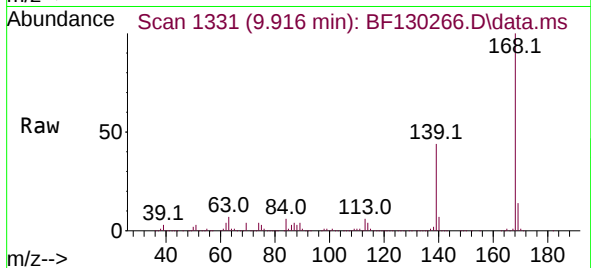
PB147612BS

Tgt Ion:168 Resp: 81554
 Ion Ratio Lower Upper
 168 100
 139 43.6 35.0 52.4
 169 13.7 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022



#56

4-Nitrophenol

Concen: 93.247 ng

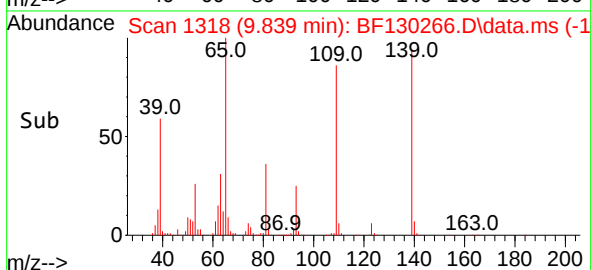
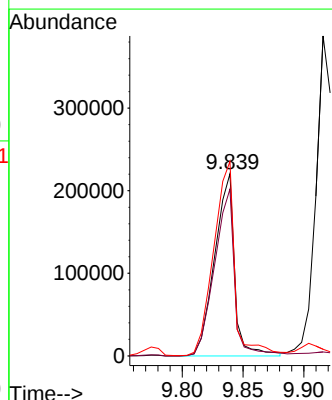
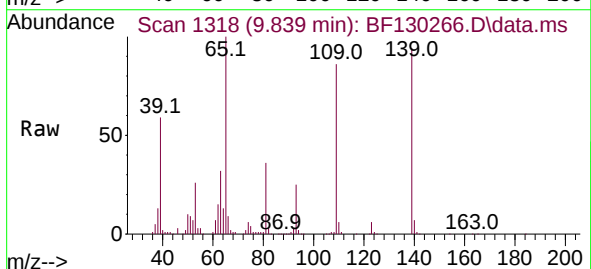
RT: 9.839 min Scan# 1318

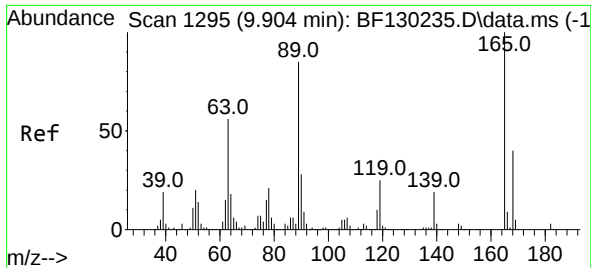
Delta R.T. 0.012 min

Lab File: BF130266.D

Acq: 15 Sep 2022 12:09

Tgt Ion:139 Resp: 251683
 Ion Ratio Lower Upper
 139 100
 109 91.5 72.2 112.2
 65 106.7 97.7 137.7





#57
2,4-Dinitrotoluene
Concen: 47.598 ng
RT: 9.904 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Instrument :

BNA_F

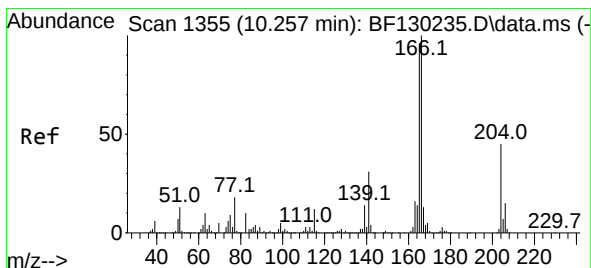
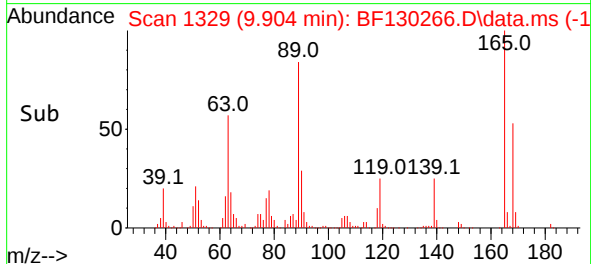
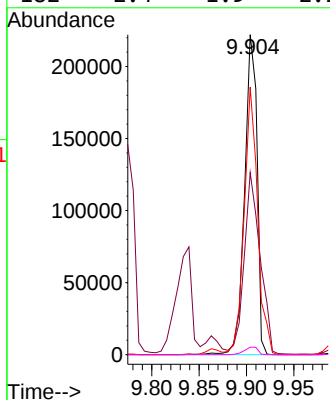
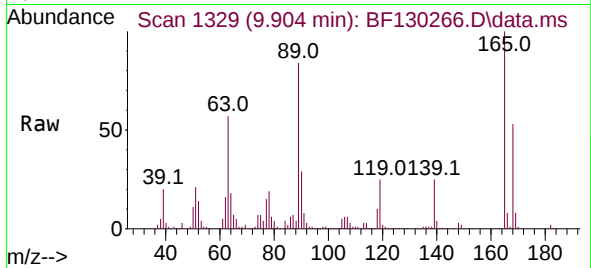
ClientSampleId :

PB147612BS

Tgt Ion:165 Resp: 202306
Ion Ratio Lower Upper
165 100
63 56.9 44.7 67.1
89 83.6 69.0 103.4
182 2.4 1.9 2.9

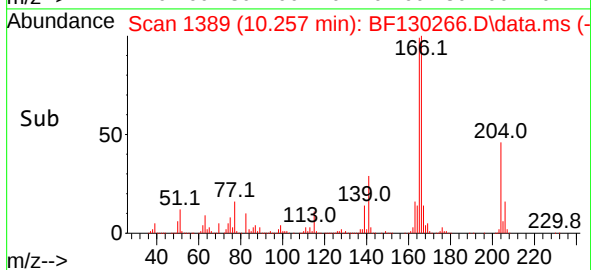
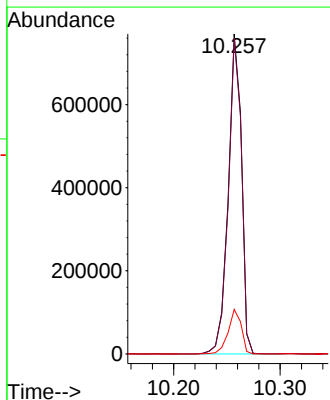
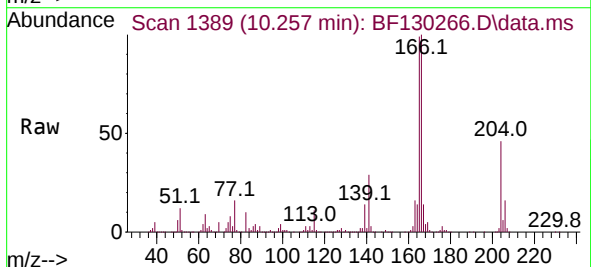
Manual Integrations
APPROVED

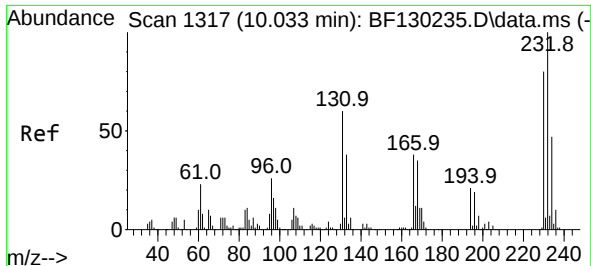
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#58
Fluorene
Concen: 42.841 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Tgt Ion:166 Resp: 667694
Ion Ratio Lower Upper
166 100
165 98.6 78.8 118.2
167 13.9 10.6 15.8





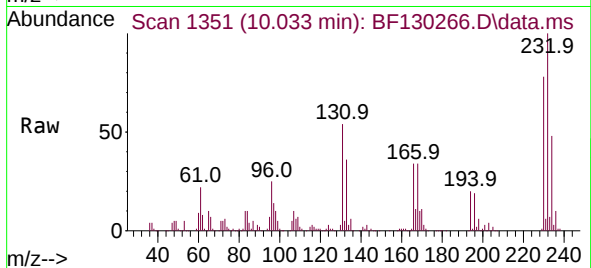
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.583 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Instrument :

BNA_F

ClientSampleId :

PB147612BS

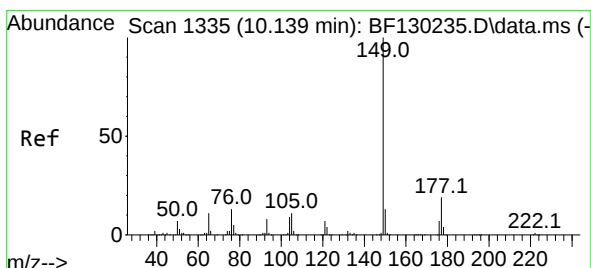
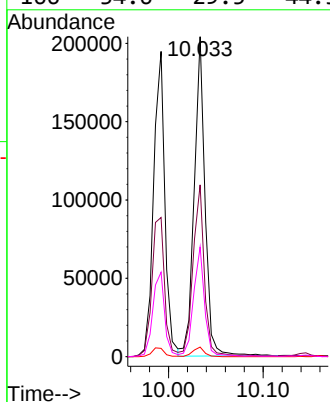
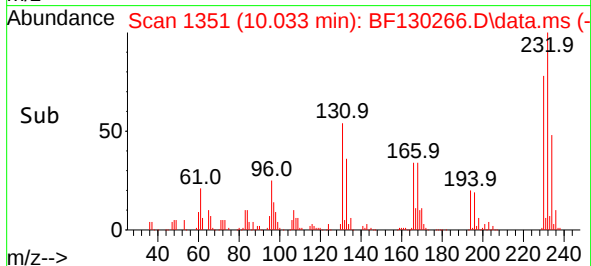


Tgt Ion:232 Resp: 161407
Ion Ratio Lower Upper
232 100
131 57.3 46.4 69.6
130 3.1 2.3 3.5
166 34.6 29.5 44.3

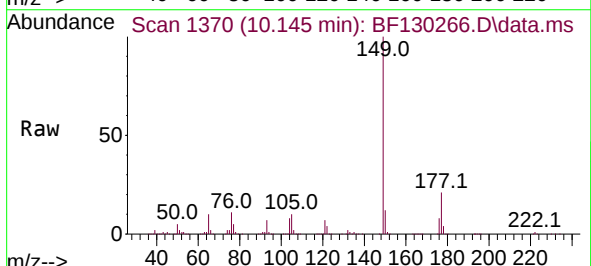
Manual Integrations

APPROVED

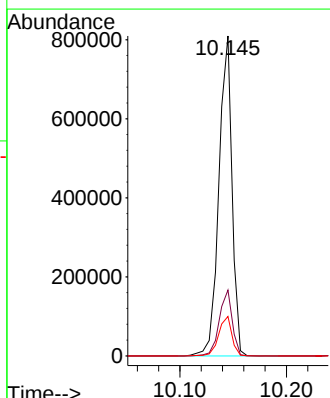
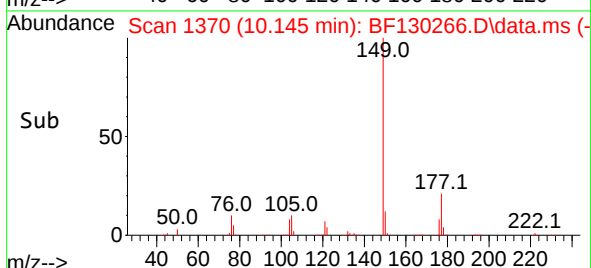
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

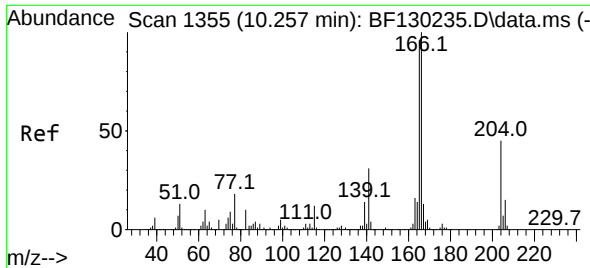


#60
Diethylphthalate
Concen: 43.578 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



Tgt Ion:149 Resp: 694918
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.3 9.9 14.9





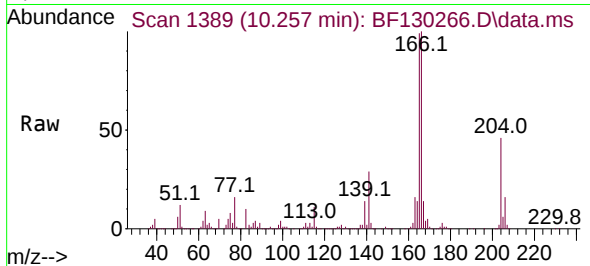
#61
4-Chlorophenyl-phenylether
Concen: 45.234 ng
RT: 10.257 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Instrument :

BNA_F

ClientSampleId :

PB147612BS

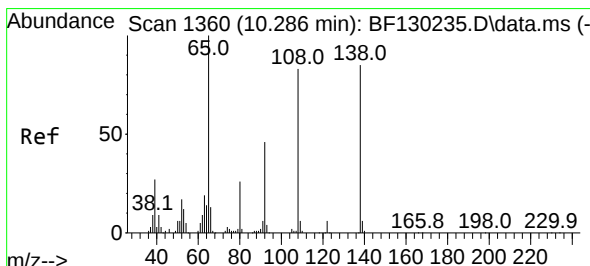
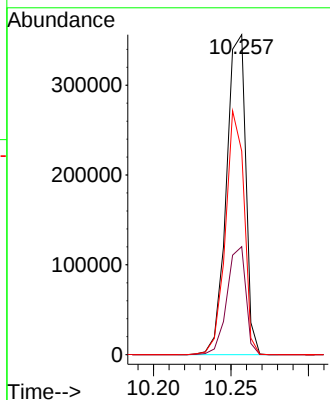
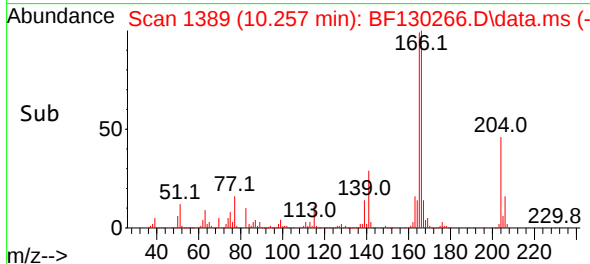


Tgt Ion:204 Resp: 309266
Ion Ratio Lower Upper
204 100
206 33.7 26.6 39.8
141 63.6 57.1 85.7

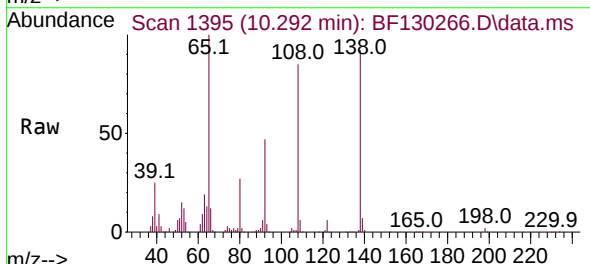
Manual Integrations

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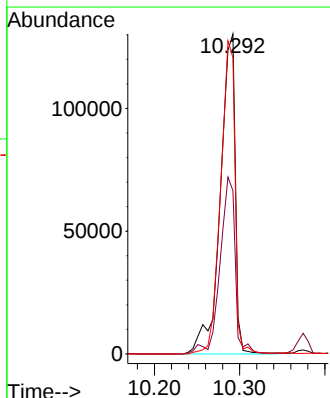
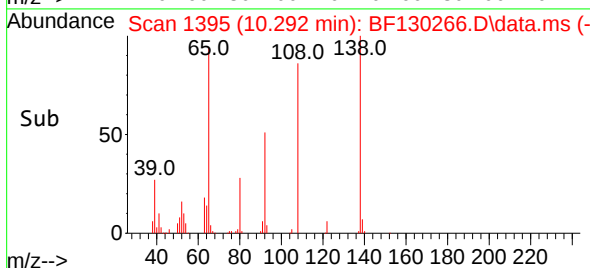
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

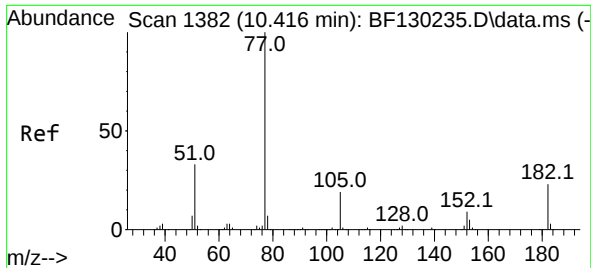


#62
4-Nitroaniline
Concen: 42.780 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



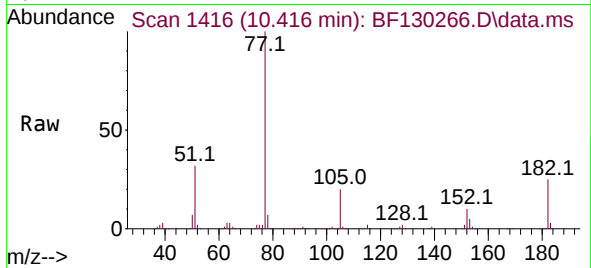
Tgt Ion:138 Resp: 159258
Ion Ratio Lower Upper
138 100
92 51.0 36.7 76.7
108 92.6 78.2 118.2





#63
Azobenzene
Concen: 41.149 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

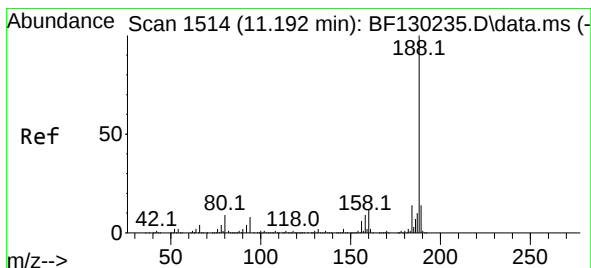
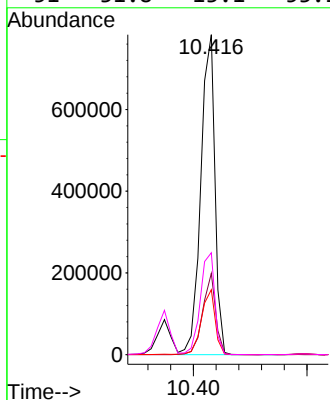
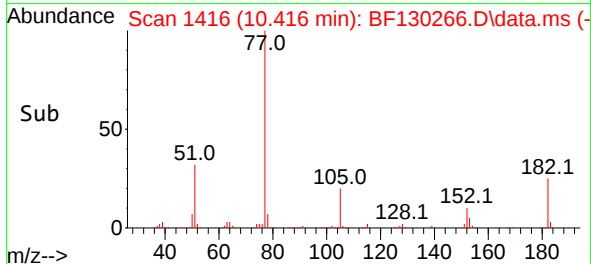
Instrument :
BNA_F
ClientSampleId :
PB147612BS



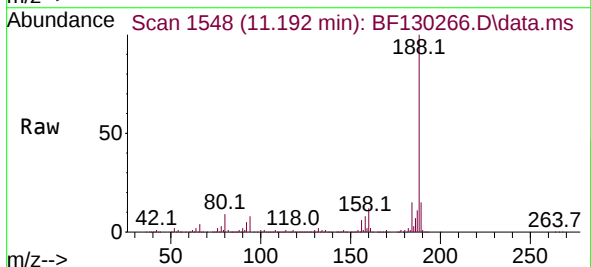
Tgt Ion: 77 Resp: 675675
Ion Ratio Lower Upper
77 100
182 25.4 2.1 42.1
105 20.3 0.0 39.4
51 31.8 13.1 53.1

Manual Integrations
APPROVED

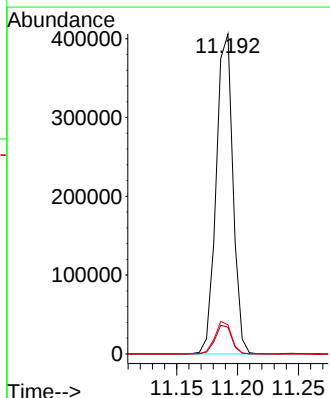
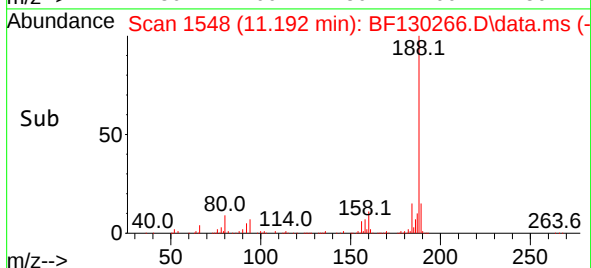
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

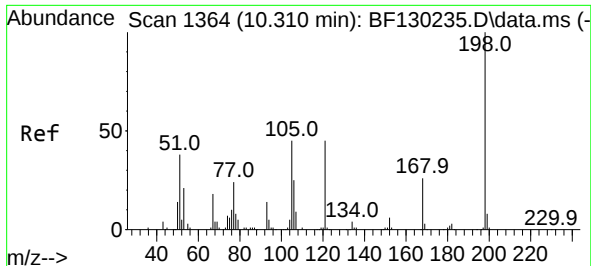


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.192 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



Tgt Ion:188 Resp: 389842
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.2 7.9 11.9





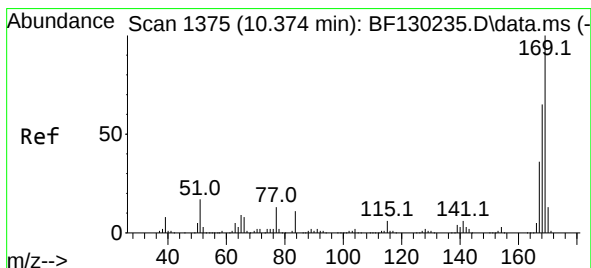
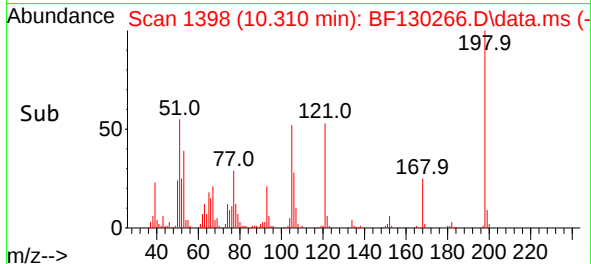
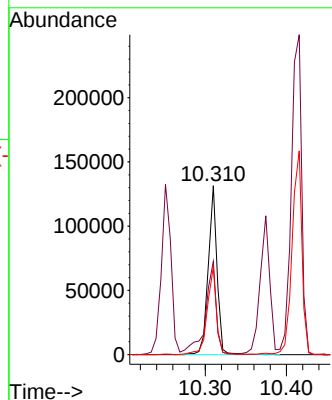
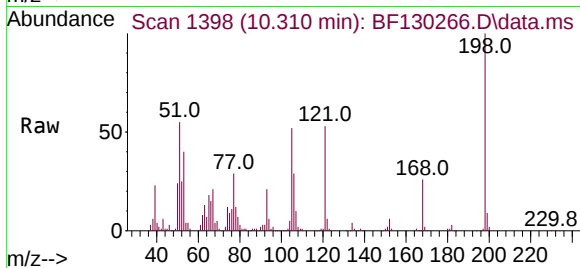
#65
4,6-Dinitro-2-methylphenol
Concen: 45.913 ng
RT: 10.310 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Instrument :
BNA_F
ClientSampleId :
PB147612BS

Tgt Ion:198 Resp: 99636
Ion Ratio Lower Upper
198 100
51 55.1 36.9 76.9
105 51.8 33.0 73.0

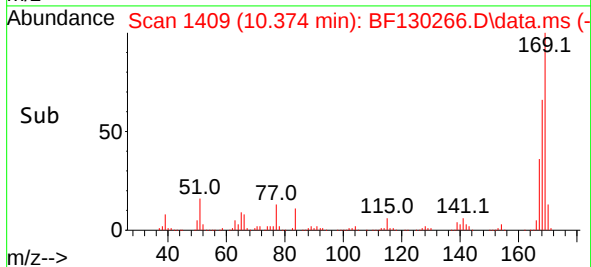
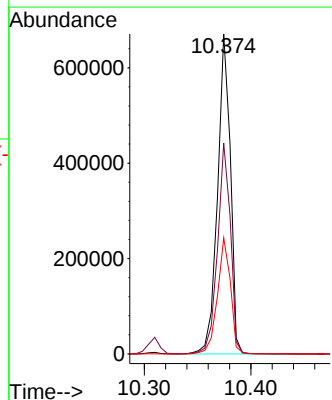
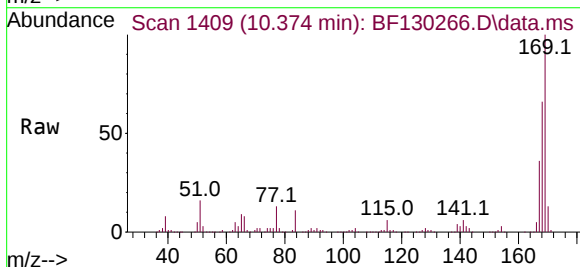
Manual Integrations
APPROVED

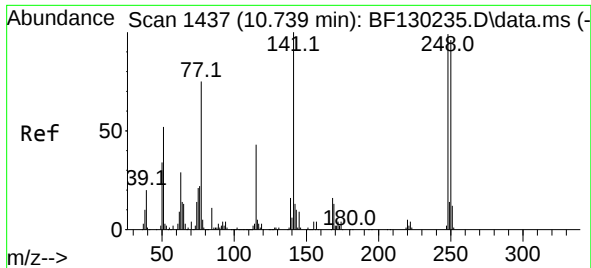
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#66
n-Nitrosodiphenylamine
Concen: 43.159 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

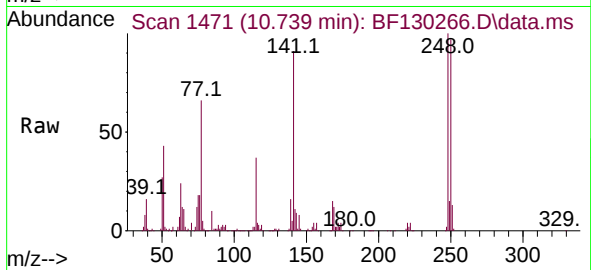
Tgt Ion:169 Resp: 562245
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 36.2 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 45.774 ng
RT: 10.739 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

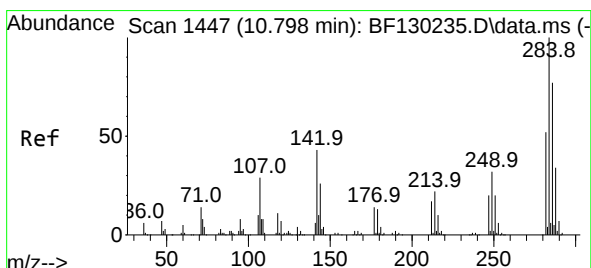
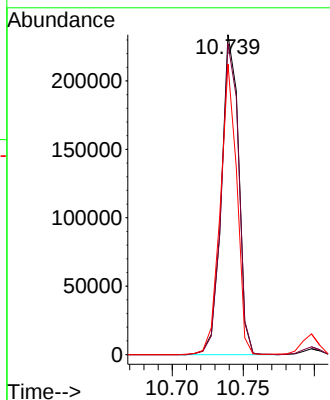
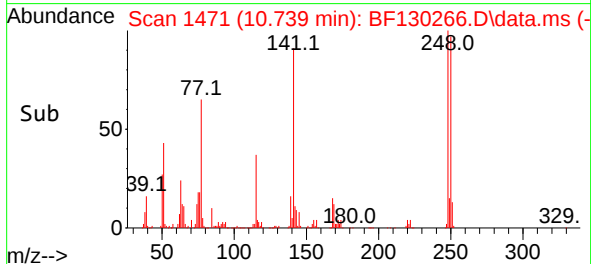
Instrument :
BNA_F
ClientSampleId :
PB147612BS



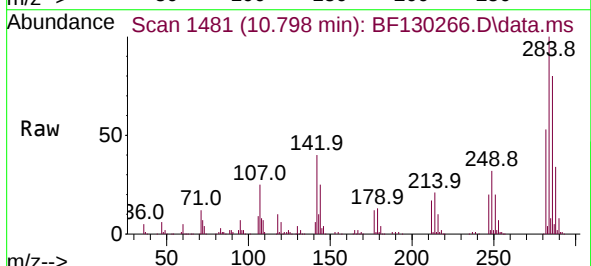
Tgt Ion:248 Resp: 196856
Ion Ratio Lower Upper
248 100
250 97.2 80.0 120.0
141 90.8 68.5 102.7

Manual Integrations
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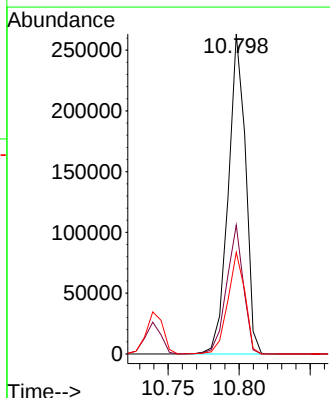
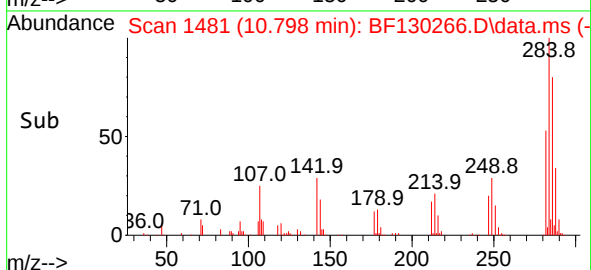
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

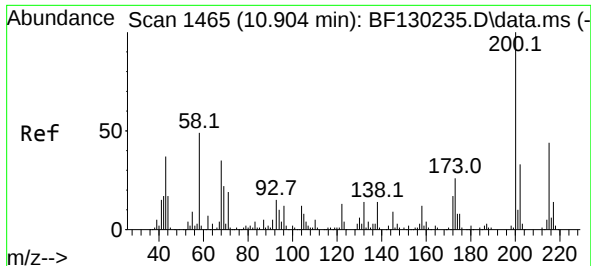


#68
Hexachlorobenzene
Concen: 45.623 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



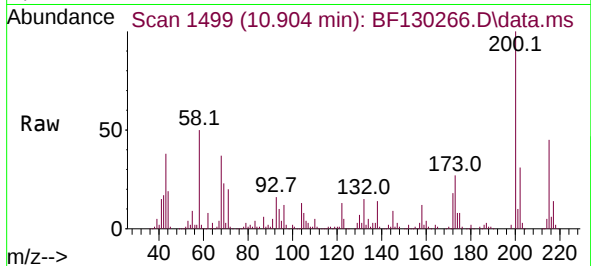
Tgt Ion:284 Resp: 222414
Ion Ratio Lower Upper
284 100
142 40.3 27.2 40.8
249 31.7 23.8 35.8





#69
 Atrazine
 Concen: 49.444 ng
 RT: 10.904 min Scan# 1465
 Delta R.T. 0.000 min
 Lab File: BF130266.D
 Acq: 15 Sep 2022 12:09

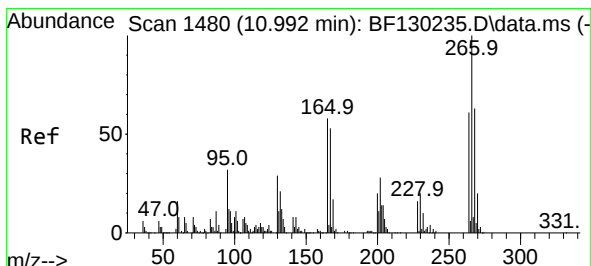
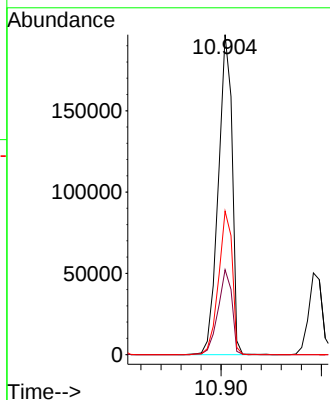
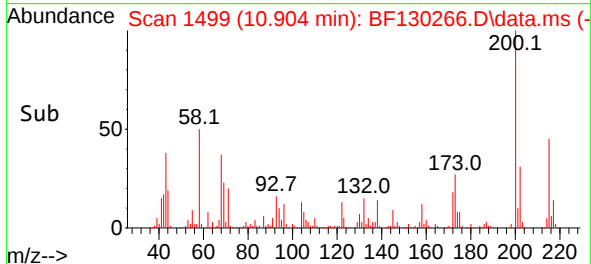
Instrument :
 BNA_F
 ClientSampleId :
 PB147612BS



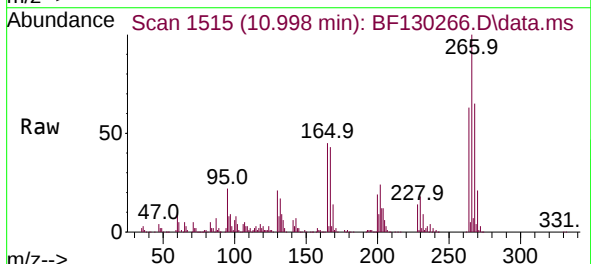
Tgt Ion:200 Resp: 188236
 Ion Ratio Lower Upper
 200 100
 173 26.5 6.2 46.2
 215 44.8 22.5 62.5

Manual Integrations
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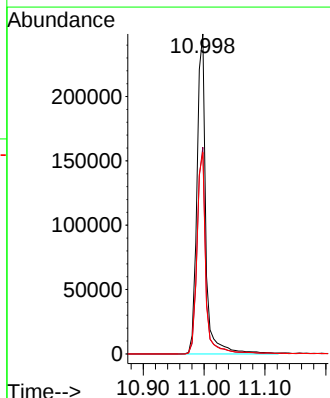
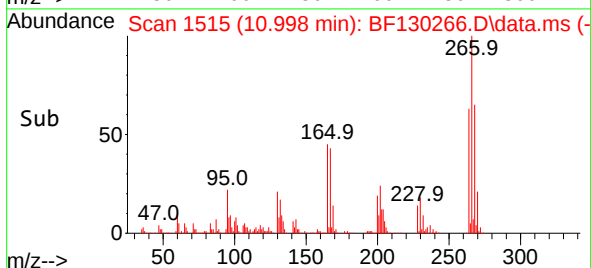
Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022

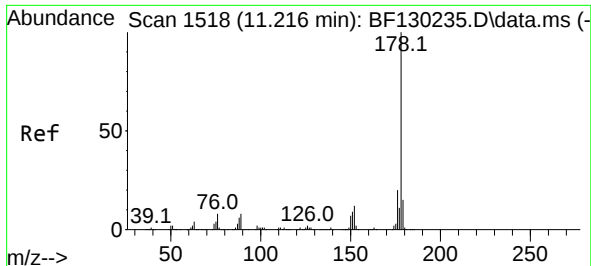


#70
 Pentachlorophenol
 Concen: 95.741 ng
 RT: 10.998 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: BF130266.D
 Acq: 15 Sep 2022 12:09



Tgt Ion:266 Resp: 250493
 Ion Ratio Lower Upper
 266 100
 268 64.6 50.5 75.7
 264 63.0 50.5 75.7





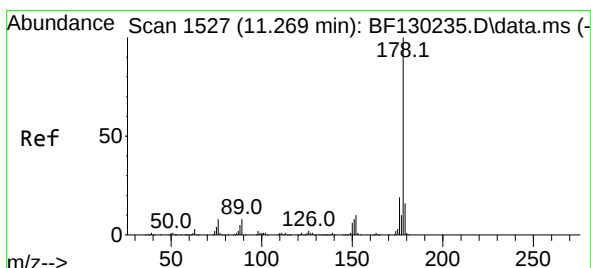
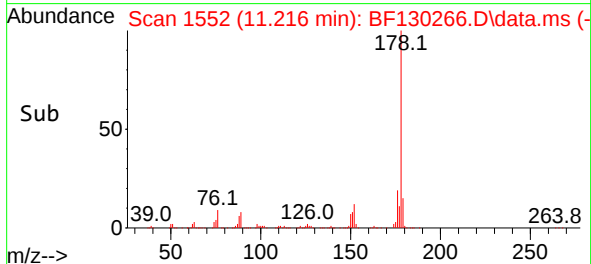
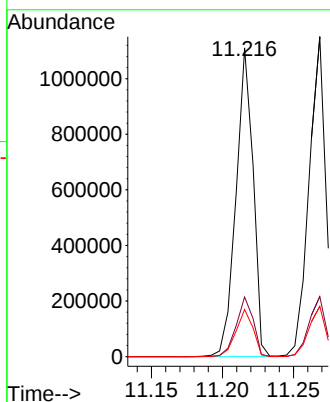
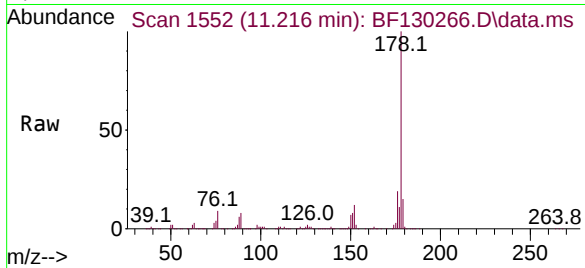
#71
Phenanthrene
Concen: 42.368 ng
RT: 11.216 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Instrument :
BNA_F
ClientSampleId :
PB147612BS

Tgt Ion:178 Resp: 927325
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.2 12.4 18.6

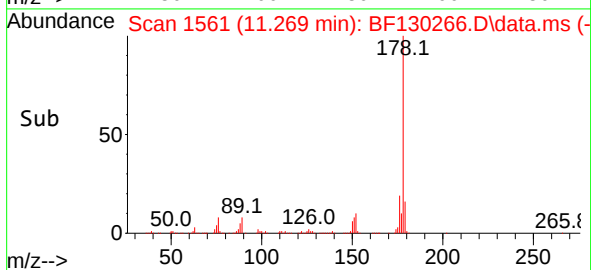
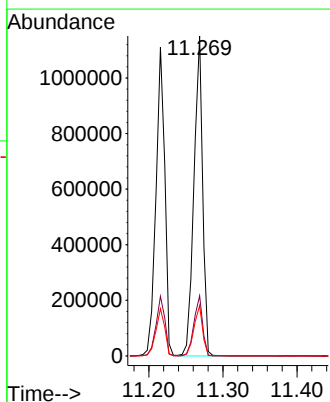
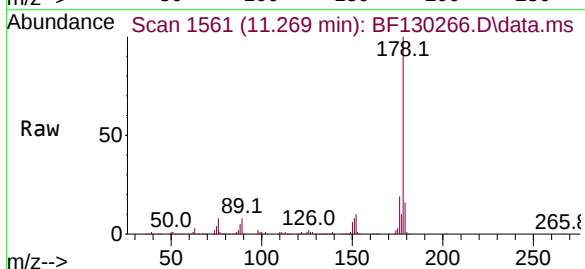
Manual Integrations
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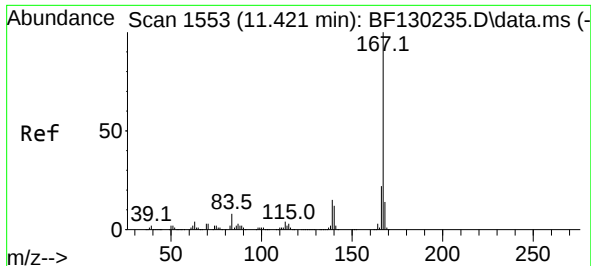
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#72
Anthracene
Concen: 44.621 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

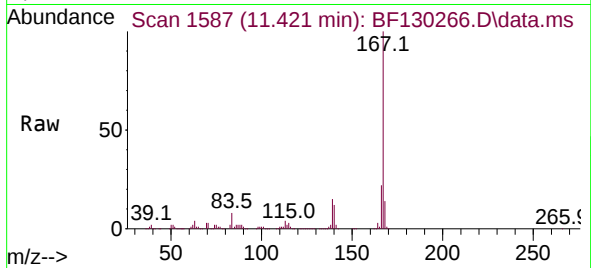
Tgt Ion:178 Resp: 942470
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.7 12.7 19.1





#73
 Carbazole
 Concen: 44.458 ng
 RT: 11.421 min Scan# 1553
 Delta R.T. 0.000 min
 Lab File: BF130266.D
 Acq: 15 Sep 2022 12:09

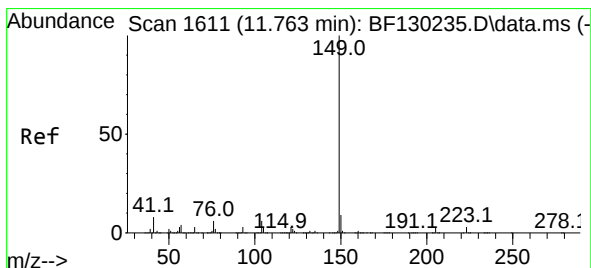
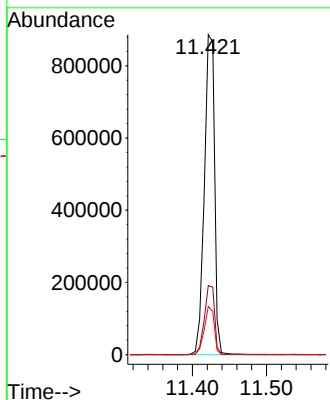
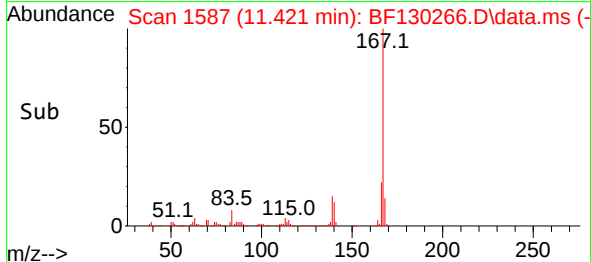
Instrument :
 BNA_F
 ClientSampleId :
 PB147612BS



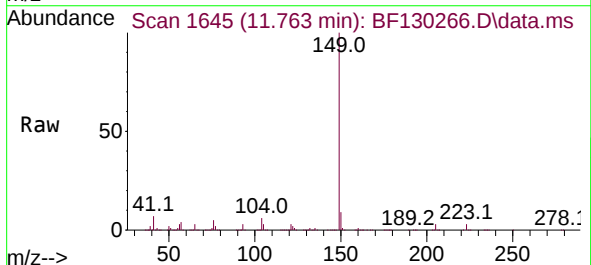
Tgt Ion:167 Resp: 847465
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 15.0 11.6 17.4

Manual Integrations
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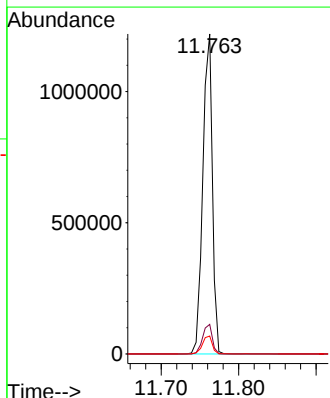
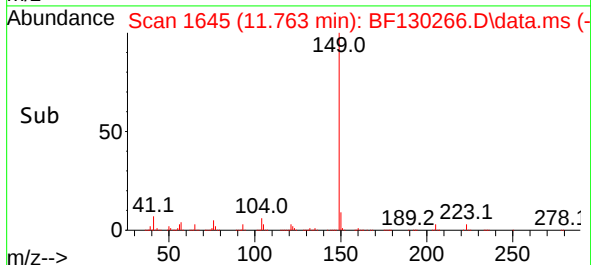
Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022

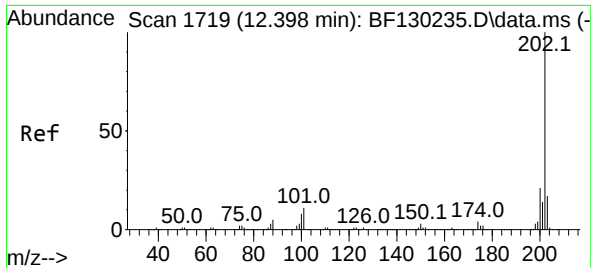


#74
 Di-n-butylphthalate
 Concen: 45.317 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. 0.000 min
 Lab File: BF130266.D
 Acq: 15 Sep 2022 12:09



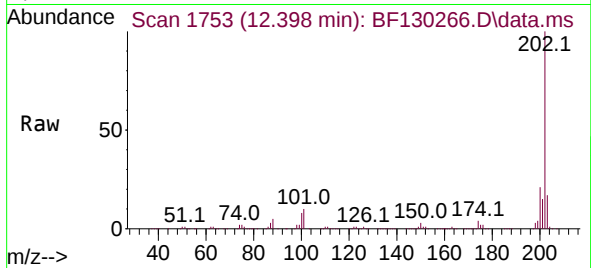
Tgt Ion:149 Resp: 1041680
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.6 4.8 7.2





#75
Fluoranthene
Concen: 43.291 ng
RT: 12.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

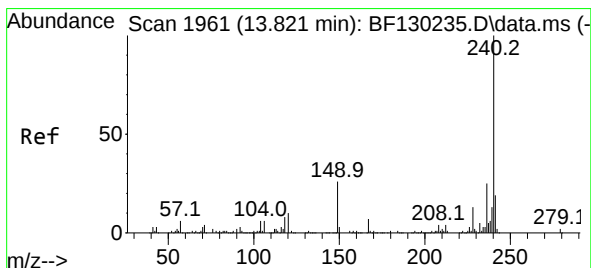
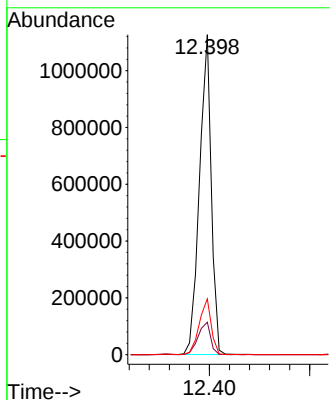
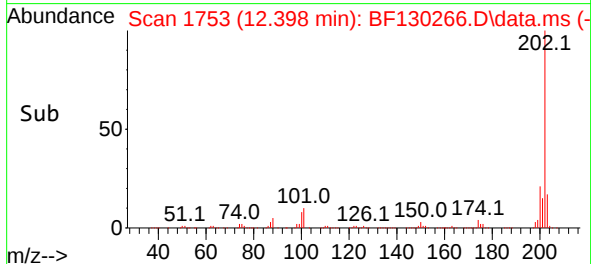
Instrument :
BNA_F
ClientSampleId :
PB147612BS



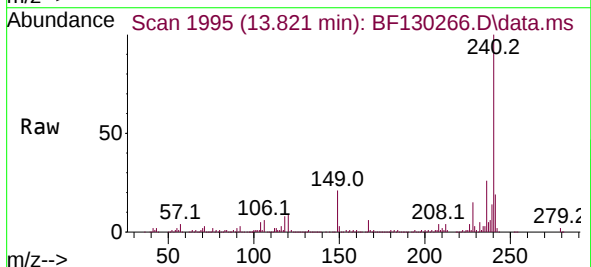
Tgt Ion:202 Resp: 915594
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.8
203 17.4 0.0 37.8

Manual Integrations
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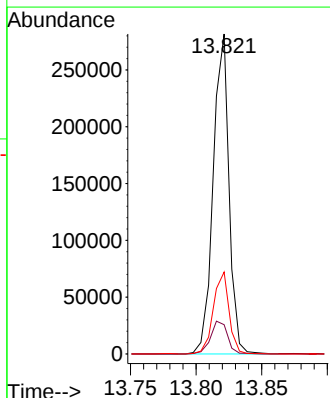
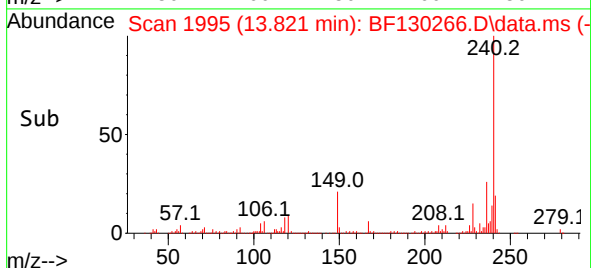
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

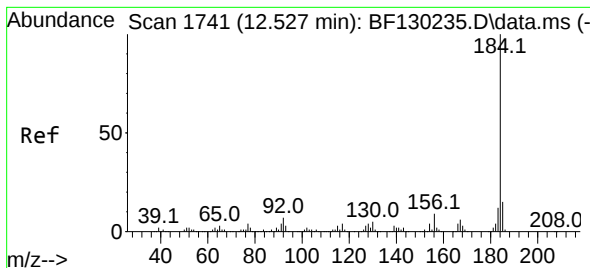


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.821 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



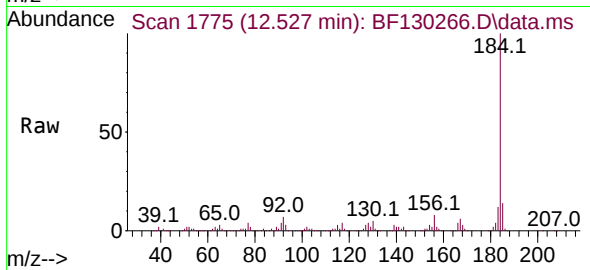
Tgt Ion:240 Resp: 235820
Ion Ratio Lower Upper
240 100
120 9.1 8.7 13.1
236 25.6 20.9 31.3





#77
Benzidine
Concen: 73.198 ng
RT: 12.527 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

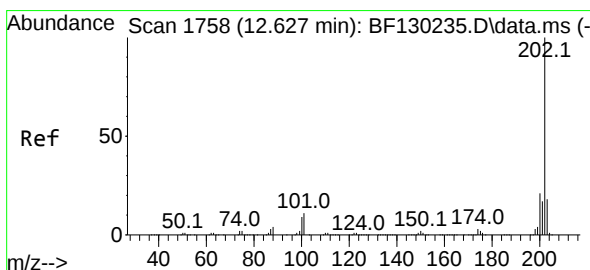
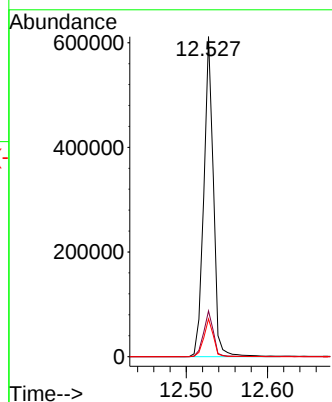
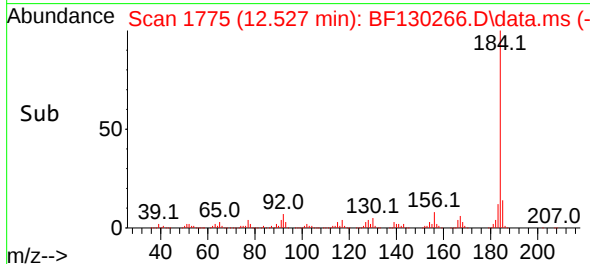
Instrument :
BNA_F
ClientSampleId :
PB147612BS



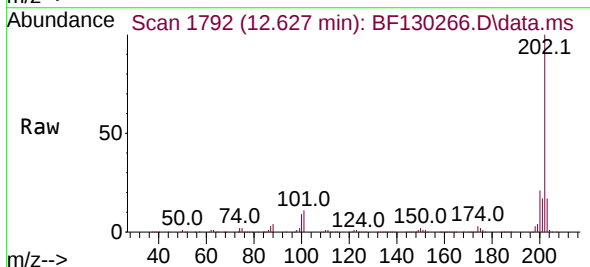
Tgt Ion:184 Resp: 501086
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 11.8 9.1 13.7

Manual Integrations
APPROVED

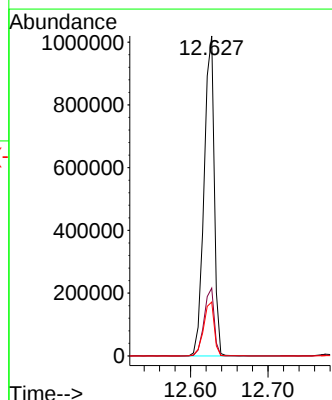
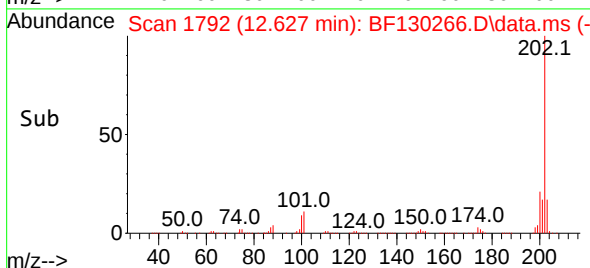
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

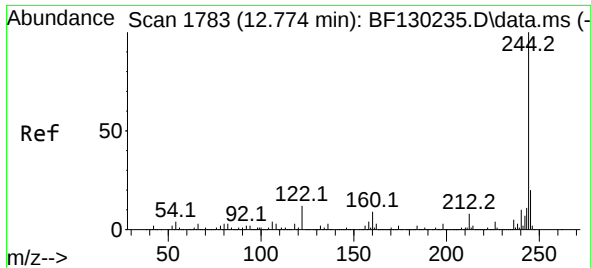


#78
Pyrene
Concen: 44.893 ng
RT: 12.627 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



Tgt Ion:202 Resp: 926129
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 16.8 14.3 21.5





#79
 Terphenyl-d14
 Concen: 95.844 ng
 RT: 12.774 min Scan# 1817
 Delta R.T. 0.000 min
 Lab File: BF130266.D
 Acq: 15 Sep 2022 12:09

Instrument :

BNA_F

ClientSampleId :

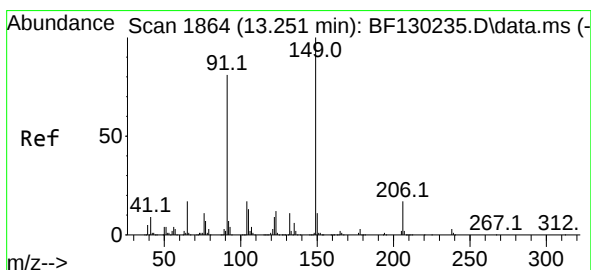
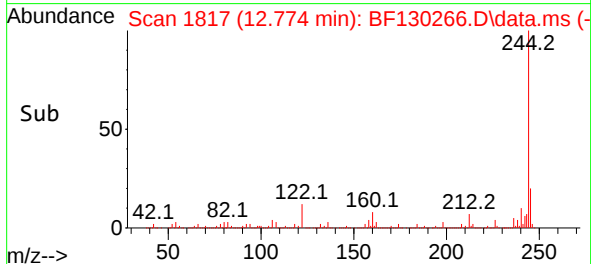
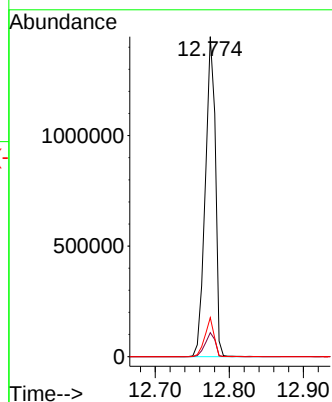
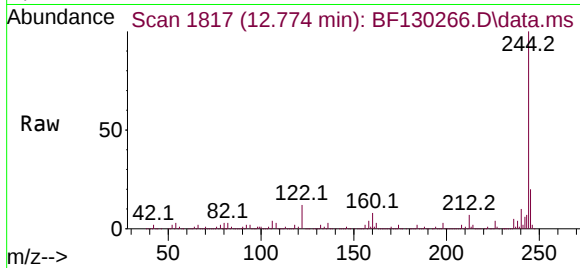
PB147612BS

Tgt Ion:244 Resp: 1364453
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 12.2 8.5 12.7

Manual Integrations

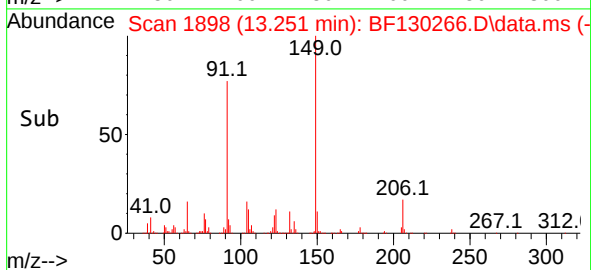
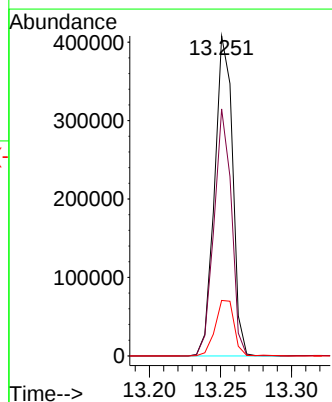
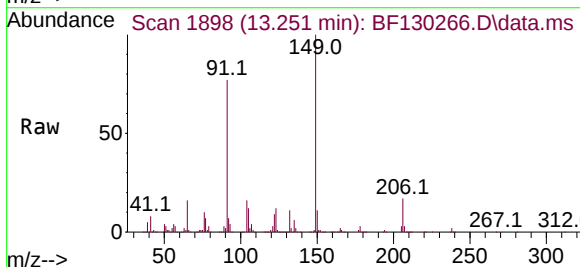
APPROVED

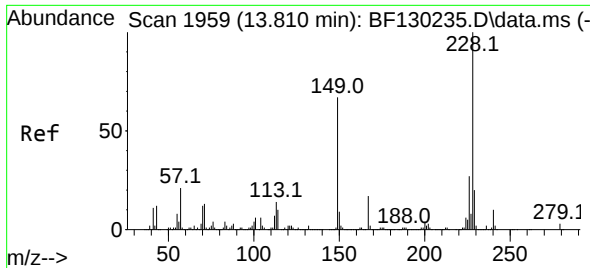
Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022



#80
 Butylbenzylphthalate
 Concen: 47.190 ng
 RT: 13.251 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: BF130266.D
 Acq: 15 Sep 2022 12:09

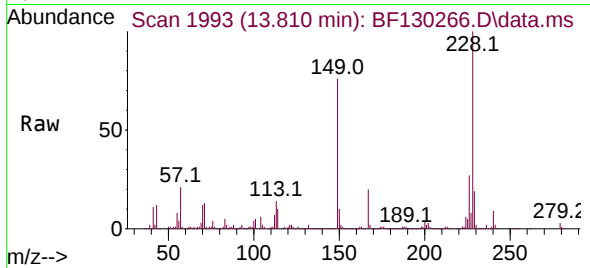
Tgt Ion:149 Resp: 360648
 Ion Ratio Lower Upper
 149 100
 91 77.2 59.8 89.8
 206 17.3 13.9 20.9





#81
Benzo(a)anthracene
Concen: 43.675 ng
RT: 13.810 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

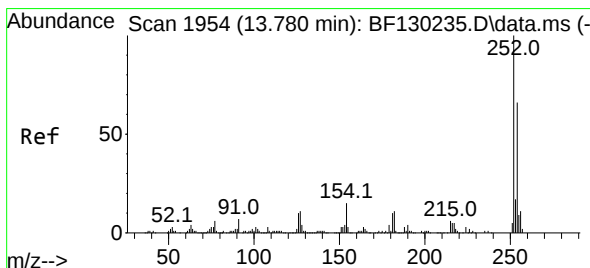
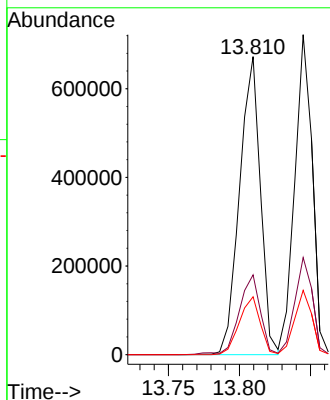
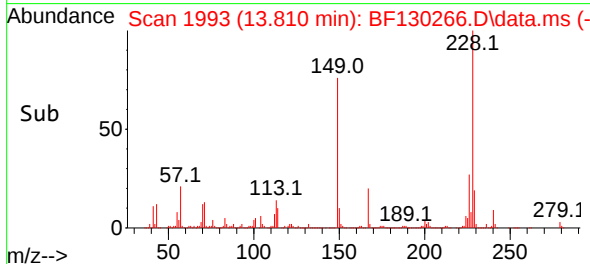
Instrument :
BNA_F
ClientSampleId :
PB147612BS



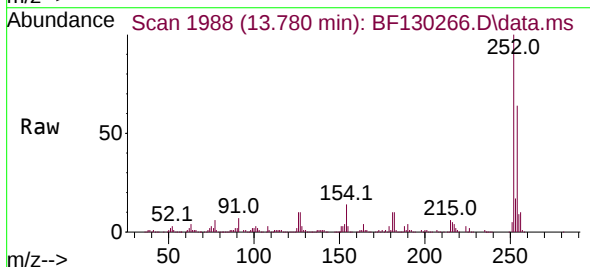
Tgt Ion:228 Resp: 685166
Ion Ratio Lower Upper
228 100
226 26.7 21.9 32.9
229 19.4 16.1 24.1

Manual Integrations
APPROVED

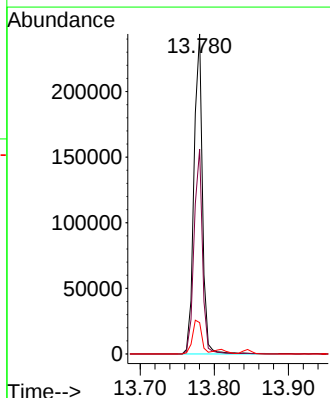
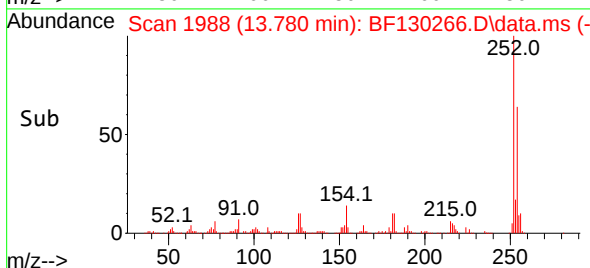
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

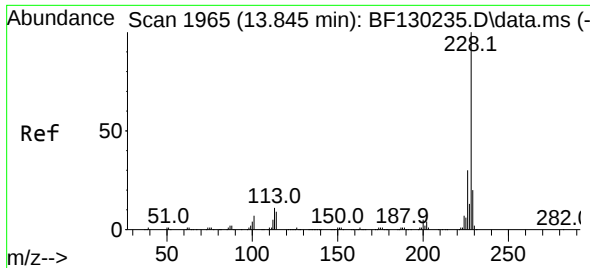


#82
3,3'-Dichlorobenzidine
Concen: 45.512 ng
RT: 13.780 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



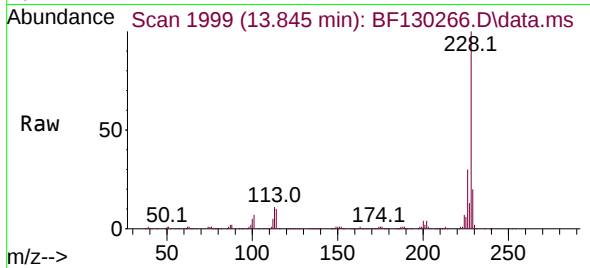
Tgt Ion:252 Resp: 194355
Ion Ratio Lower Upper
252 100
254 64.0 51.1 76.7
126 9.8 10.4 15.6#





#83
Chrysene
Concen: 41.840 ng
RT: 13.845 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

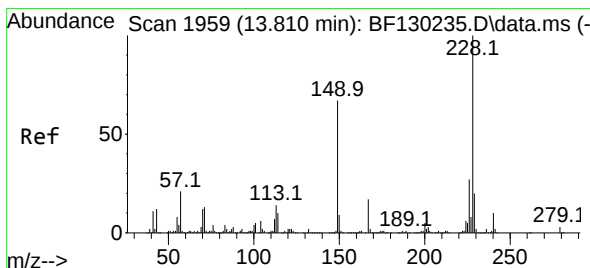
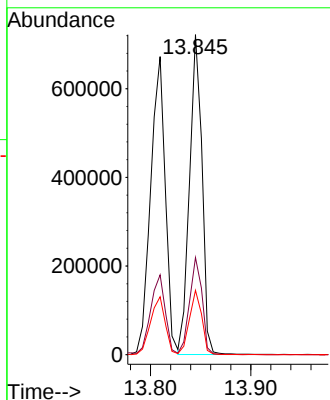
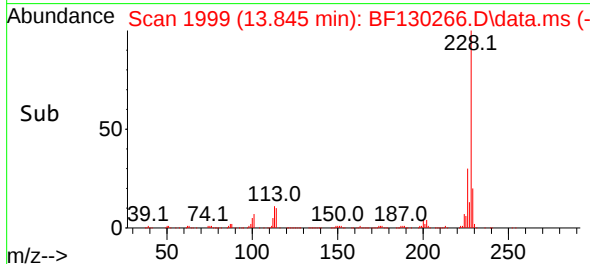
Instrument :
BNA_F
ClientSampleId :
PB147612BS



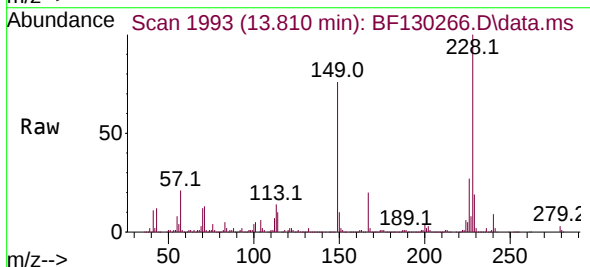
Tgt Ion:228 Resp: 623232
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 20.1 15.3 22.9

Manual Integrations
APPROVED

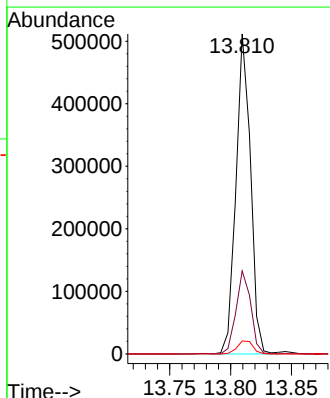
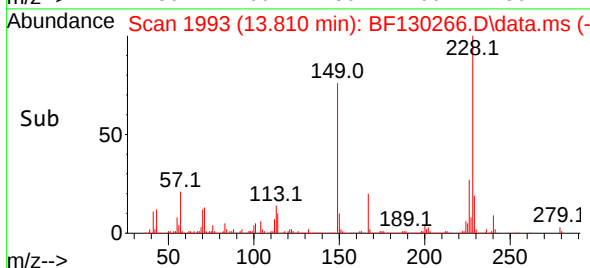
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

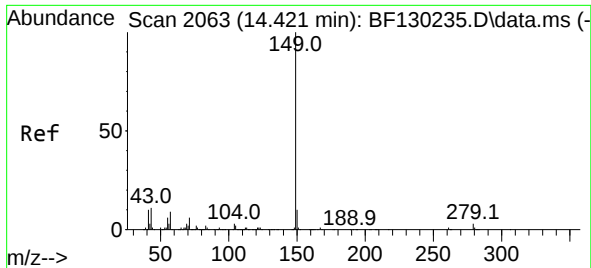


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.796 ng
RT: 13.810 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



Tgt Ion:149 Resp: 427161
Ion Ratio Lower Upper
149 100
167 25.9 20.5 30.7
279 4.0 2.9 4.3





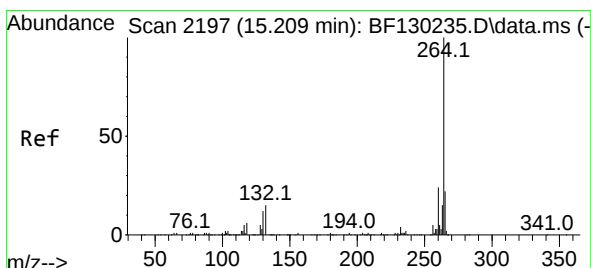
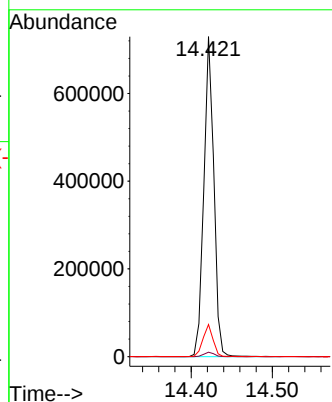
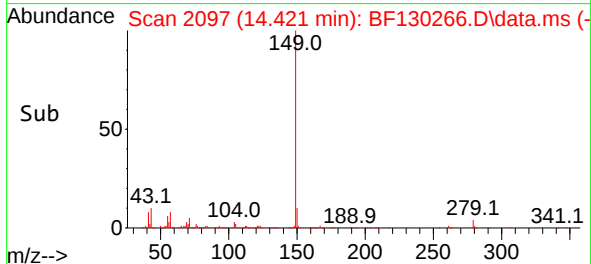
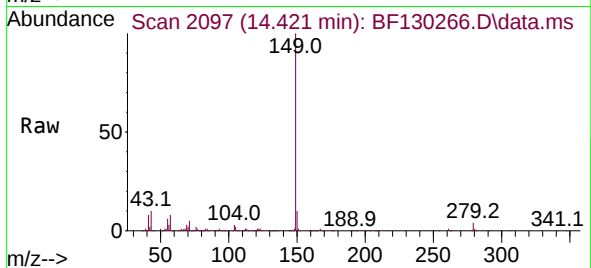
#85
Di-n-octyl phthalate
Concen: 46.444 ng
RT: 14.421 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

Instrument :
BNA_F
ClientSampleId :
PB147612BS

Tgt Ion:149 Resp: 62184
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 10.1 8.7 13.1

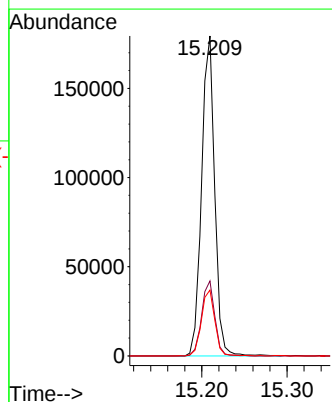
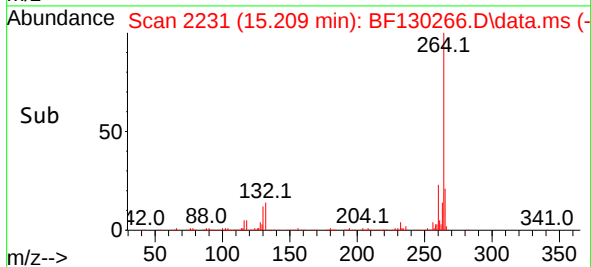
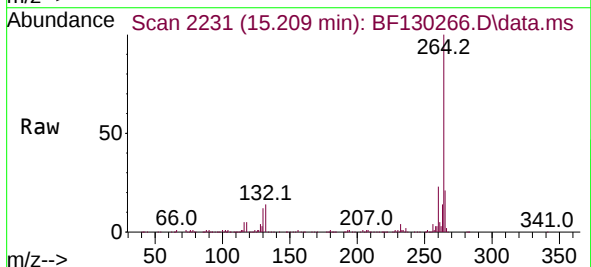
Manual Integrations
APPROVED

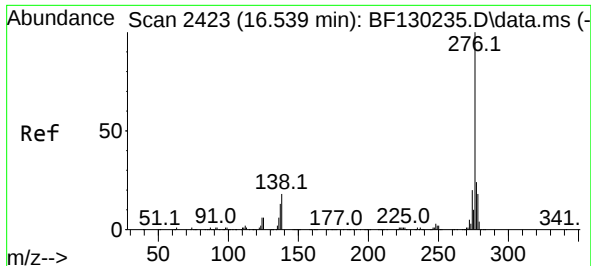
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.209 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

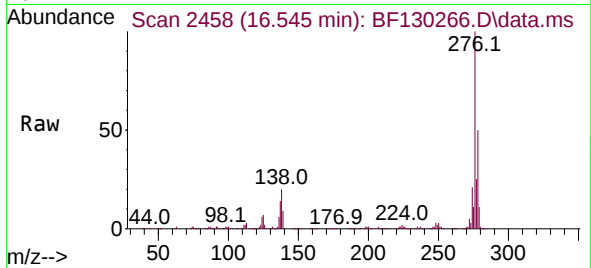
Tgt Ion:264 Resp: 191065
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 20.6 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.842 ng
RT: 16.545 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

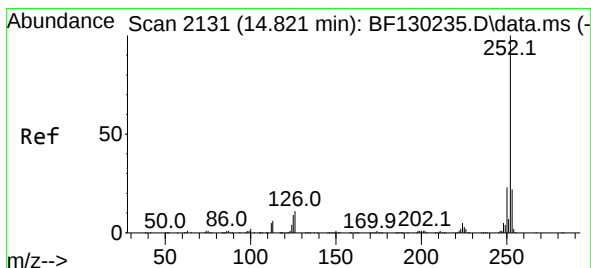
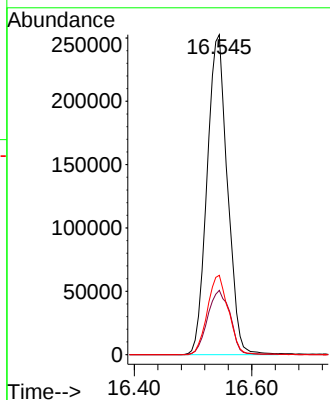
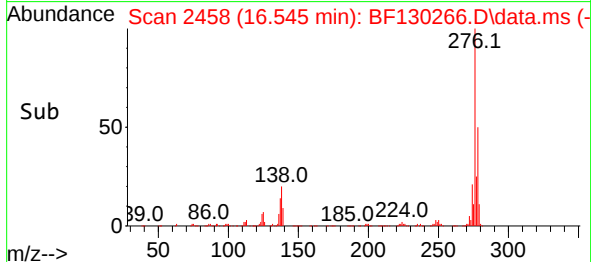
Instrument :
BNA_F
ClientSampleId :
PB147612BS



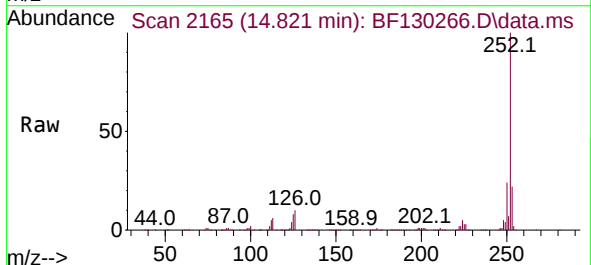
Tgt Ion: 276 Resp: 60757
Ion Ratio Lower Upper
276 100
138 22.3 18.5 27.7
277 25.6 20.2 30.4

Manual Integrations
APPROVED

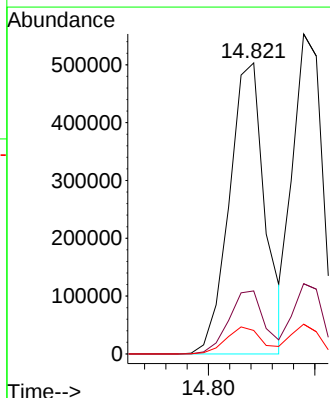
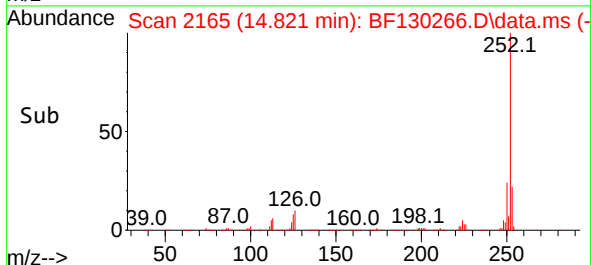
Reviewed By : Christian Giraldo 09/16/2022
Supervised By : Jagrut Upadhyay 09/16/2022

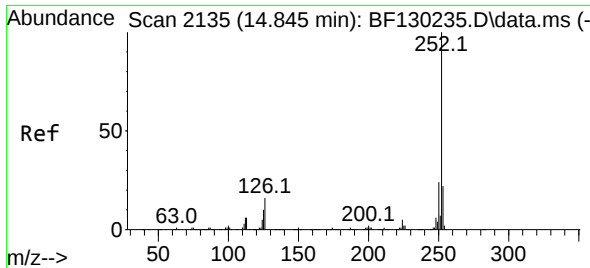


#88
Benzo(b)fluoranthene
Concen: 47.211 ng m
RT: 14.821 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



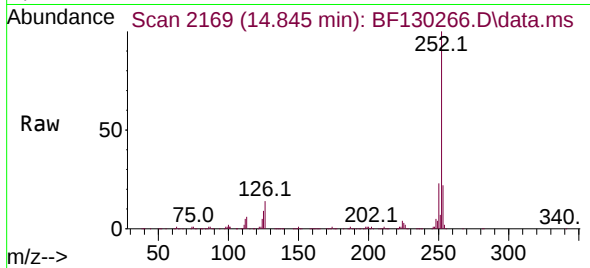
Tgt Ion: 252 Resp: 588759
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 8.1 8.1 12.1#





#89
Benzo(k)fluoranthene
Concen: 44.094 ng
RT: 14.845 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

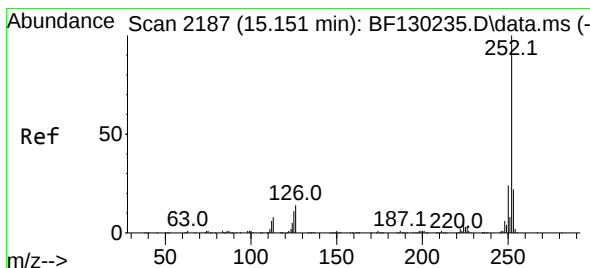
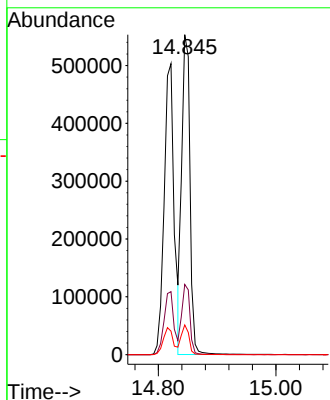
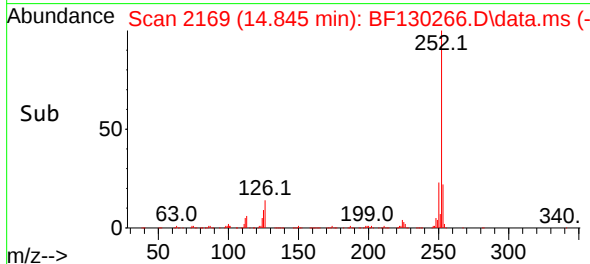
Instrument :
BNA_F
ClientSampleId :
PB147612BS



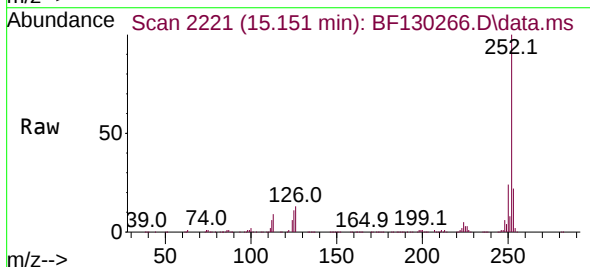
Tgt Ion:252 Resp: 540917
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.3 7.9 11.9

Manual Integrations
APPROVED

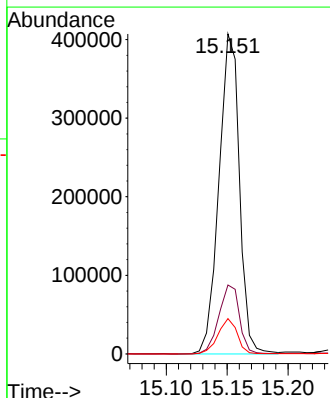
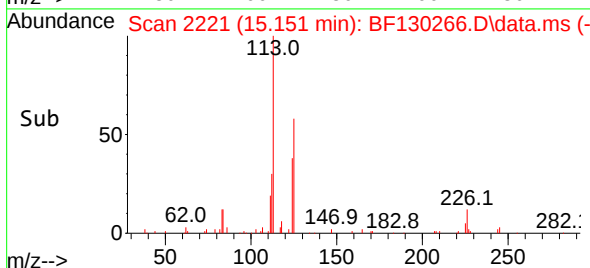
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

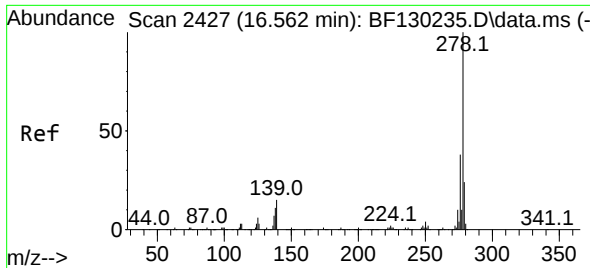


#90
Benzo(a)pyrene
Concen: 48.303 ng
RT: 15.151 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



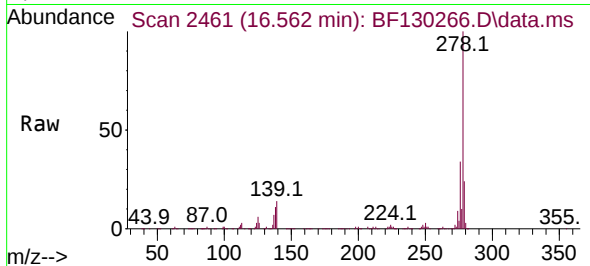
Tgt Ion:252 Resp: 477221
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 11.0 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 47.728 ng
RT: 16.562 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09

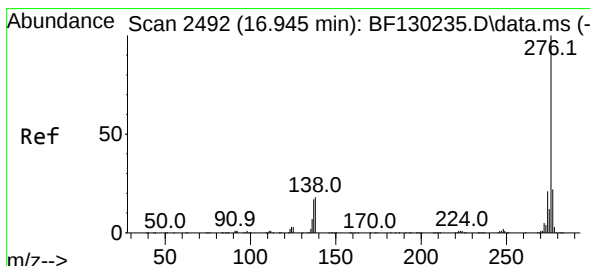
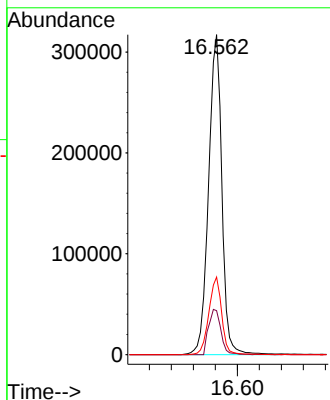
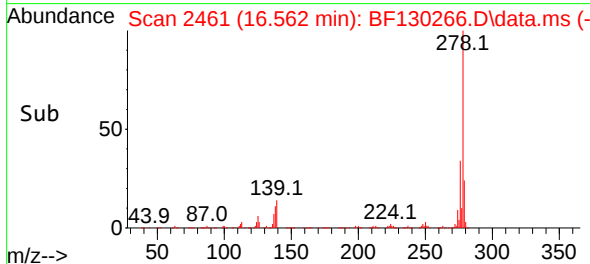
Instrument :
BNA_F
ClientSampleId :
PB147612BS



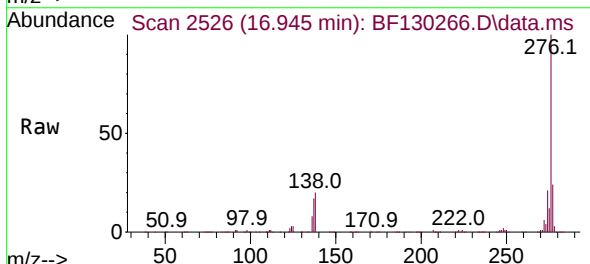
Tgt Ion:278 Resp: 530506
Ion Ratio Lower Upper
278 100
139 13.7 11.8 17.8
279 24.2 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#92
Benzo(g,h,i)perylene
Concen: 46.236 ng
RT: 16.945 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BF130266.D
Acq: 15 Sep 2022 12:09



Tgt Ion:276 Resp: 517696
Ion Ratio Lower Upper
276 100
277 24.1 18.6 27.8
138 19.6 14.6 21.8

