

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130446.D
 Acq On : 28 Sep 2022 13:49
 Operator : CG\JU
 Sample : PB147926BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147926BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/29/2022
 Supervised By : Jagrut Upadhyay 09/29/2022

Quant Time: Sep 29 02:13:57 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 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	115460	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	444968	20.000	ng	# 0.00
39) Acenaphthene-d10	9.680	164	225816	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	376496	20.000	ng	0.00
76) Chrysene-d12	13.792	240	225092	20.000	ng	0.00
86) Perylene-d12	15.174	264	195476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	892812	134.120	ng	0.02
7) Phenol-d6	6.298	99	1092230	131.132	ng	0.00
23) Nitrobenzene-d5	7.216	82	680515	78.133	ng	0.00
42) 2,4,6-Tribromophenol	10.474	330	337634	156.041	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	1323806	85.367	ng	0.00
79) Terphenyl-d14	12.745	244	1327595	97.700	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.351	88	97883	32.017	ng	97
3) Pyridine	3.028	79	255175	31.996	ng	92
4) n-Nitrosodimethylamine	2.987	42	154657	35.656	ng	86
6) Aniline	6.310	93	394381	38.429	ng	# 45
8) 2-Chlorophenol	6.434	128	349464	46.085	ng	91
9) Benzaldehyde	6.192	77	205098	36.761	ng	92
10) Phenol	6.310	94	414750	42.490	ng	# 73
11) bis(2-Chloroethyl)ether	6.392	93	312135	44.334	ng	91
12) 1,3-Dichlorobenzene	6.586	146	375225	44.970	ng	95
13) 1,4-Dichlorobenzene	6.663	146	381394	44.824	ng	98
14) 1,2-Dichlorobenzene	6.816	146	359635	45.246	ng	96
15) Benzyl Alcohol	6.798	79	232627	35.226	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.928	45	373864	36.408	ng	85
17) 2-Methylphenol	6.916	107	289239	46.922	ng	96
18) Hexachloroethane	7.151	117	141985	42.334	ng	98
19) n-Nitroso-di-n-propyla...	7.069	70	225666	40.151	ng	94
20) 3+4-Methylphenols	7.069	107	342843	42.814	ng	# 74
22) Acetophenone	7.063	105	477330	43.877	ng	93
24) Nitrobenzene	7.233	77	346871	39.222	ng	95
25) Isophorone	7.475	82	603987	43.025	ng	97
26) 2-Nitrophenol	7.551	139	184194	50.807	ng	# 86
27) 2,4-Dimethylphenol	7.592	122	272015	48.730	ng	97
28) bis(2-Chloroethoxy)met...	7.686	93	370291	46.845	ng	99
29) 2,4-Dichlorophenol	7.798	162	283175	46.292	ng	94
30) 1,2,4-Trichlorobenzene	7.869	180	298351	45.112	ng	98
31) Naphthalene	7.951	128	985505	42.990	ng	100
32) Benzoic acid	7.745	122	181190	41.973	ng	94
33) 4-Chloroaniline	8.004	127	277708	31.852	ng	97
34) Hexachlorobutadiene	8.069	225	191030	45.196	ng	99
35) Caprolactam	8.386	113	87325m	49.796	ng	
36) 4-Chloro-3-methylphenol	8.498	107	303304	44.733	ng	97
37) 2-Methylnaphthalene	8.639	142	640479	43.820	ng	99
38) 1-Methylnaphthalene	8.739	142	601166	42.815	ng	100
40) 1,2,4,5-Tetrachloroben...	8.810	216	302555	49.095	ng	98
41) Hexachlorocyclopentadiene	8.792	237	345964	104.856	ng	99
43) 2,4,6-Trichlorophenol	8.927	196	196125	45.600	ng	95

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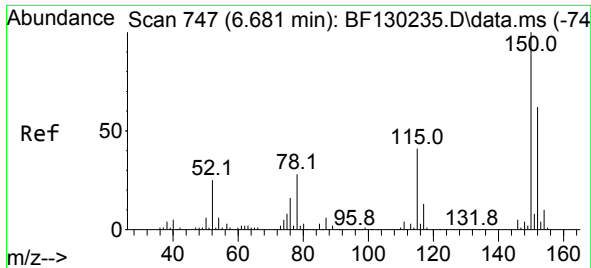
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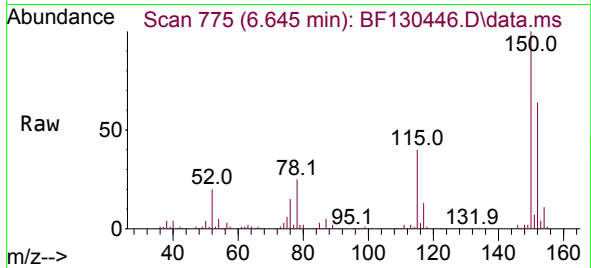
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.969	196	212886	45.869	ng	95
46) 1,1'-Biphenyl	9.110	154	772149	45.784	ng	98
47) 2-Chloronaphthalene	9.127	162	607596	44.536	ng	98
48) 2-Nitroaniline	9.233	65	182814	40.177	ng	90
49) Acenaphthylene	9.545	152	913677	44.667	ng	100
50) Dimethylphthalate	9.416	163	696156	44.630	ng	99
51) 2,6-Dinitrotoluene	9.480	165	157129	48.166	ng	# 72
52) Acenaphthene	9.716	154	657595m	48.929	ng	
53) 3-Nitroaniline	9.645	138	118985	32.733	ng	89
54) 2,4-Dinitrophenol	9.757	184	157233	88.159	ng	# 83
55) Dibenzofuran	9.886	168	829919	44.396	ng	98
56) 4-Nitrophenol	9.822	139	220514	83.289	ng	# 84
57) 2,4-Dinitrotoluene	9.880	165	204272	48.996	ng	93
58) Fluorene	10.227	166	673436	44.050	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.010	232	167255	46.041	ng	92
60) Diethylphthalate	10.116	149	665248	42.529	ng	98
61) 4-Chlorophenyl-phenyle...	10.222	204	307507	45.852	ng	100
62) 4-Nitroaniline	10.263	138	160017	43.820	ng	85
63) Azobenzene	10.380	77	612580	38.032	ng	97
65) 4,6-Dinitro-2-methylph...	10.286	198	104881	50.043	ng	88
66) n-Nitrosodiphenylamine	10.345	169	562473	44.707	ng	100
67) 4-Bromophenyl-phenylether	10.710	248	199353	47.998	ng	96
68) Hexachlorobenzene	10.769	284	231377	49.144	ng	95
69) Atrazine	10.880	200	185254	50.385	ng	94
70) Pentachlorophenol	10.974	266	217644	86.135	ng	99
71) Phenanthrene	11.186	178	931428	44.064	ng	100
72) Anthracene	11.239	178	939188	46.042	ng	98
73) Carbazole	11.398	167	858463	46.631	ng	99
74) Di-n-butylphthalate	11.733	149	965329	43.484	ng	# 98
75) Fluoranthene	12.368	202	942000	46.119	ng	99
77) Benzidine	12.498	184	364393	55.767	ng	99
78) Pyrene	12.598	202	935182	47.492	ng	99
80) Butylbenzylphthalate	13.221	149	346349	47.479	ng	97
81) Benzo(a)anthracene	13.780	228	679441	45.374	ng	99
82) 3,3'-Dichlorobenzidine	13.751	252	190879	46.828	ng	# 99
83) Chrysene	13.815	228	633632	44.565	ng	100
84) Bis(2-ethylhexyl)phtha...	13.780	149	390627	46.750	ng	100
85) Di-n-octyl phthalate	14.392	149	527175	41.250	ng	# 94
87) Indeno(1,2,3-cd)pyrene	16.503	276	644623	46.503	ng	98
88) Benzo(b)fluoranthene	14.792	252	600811	47.091	ng	98
89) Benzo(k)fluoranthene	14.821	252	555853m	44.289	ng	
90) Benzo(a)pyrene	15.121	252	506566	50.116	ng	98
91) Dibenzo(a,h)anthracene	16.521	278	550755	48.432	ng	97
92) Benzo(g,h,i)perylene	16.903	276	564092	49.243	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.645 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

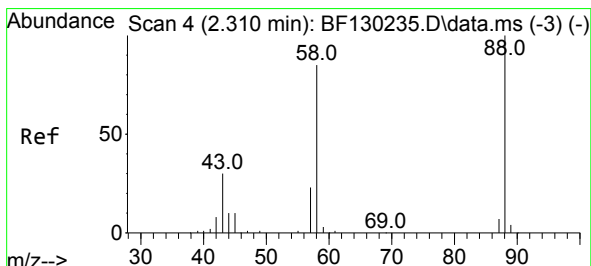
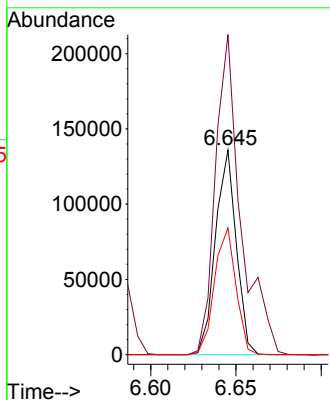
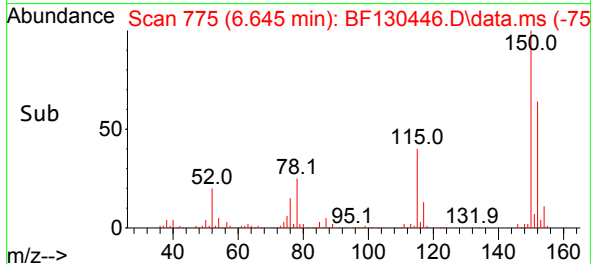
Instrument :
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Tgt Ion:152 Resp: 115460
Ion Ratio Lower Upper
152 100
150 156.4 122.8 184.2
115 61.9 53.8 80.8

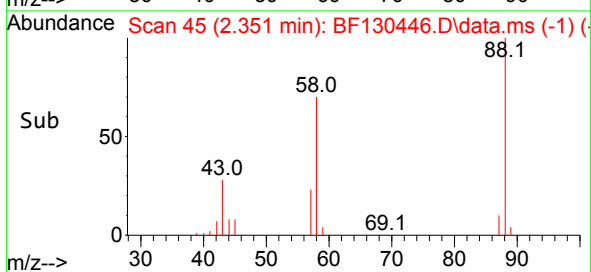
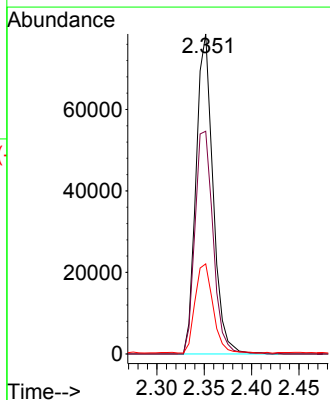
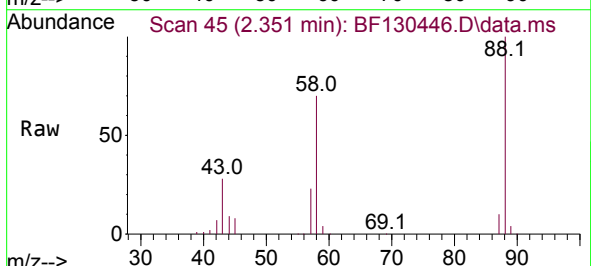
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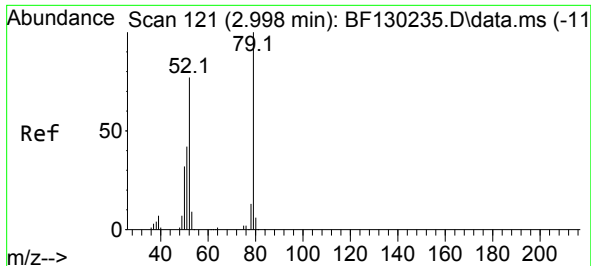
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#2
1,4-Dioxane
Concen: 32.017 ng
RT: 2.351 min Scan# 45
Delta R.T. 0.088 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

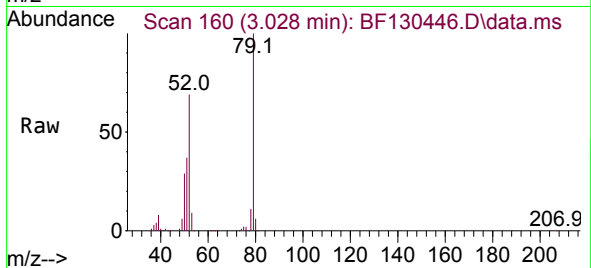
Tgt Ion: 88 Resp: 97883
Ion Ratio Lower Upper
88 100
58 74.2 61.3 91.9
43 29.7 23.0 34.6





#3
Pyridine
Concen: 31.996 ng
RT: 3.028 min Scan# 10
Delta R.T. 0.088 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

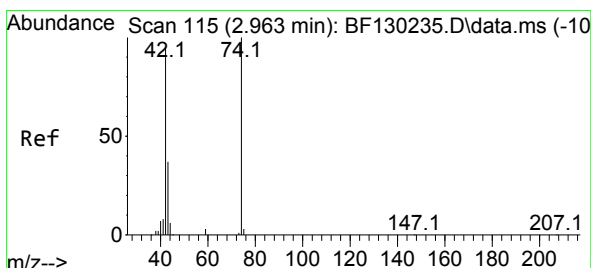
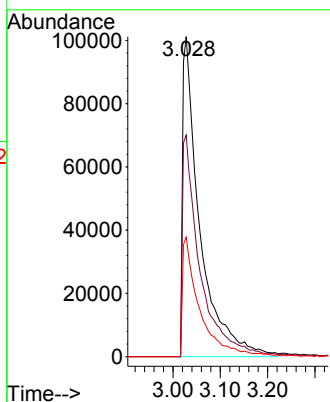
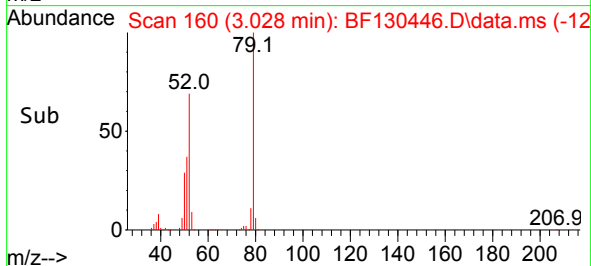
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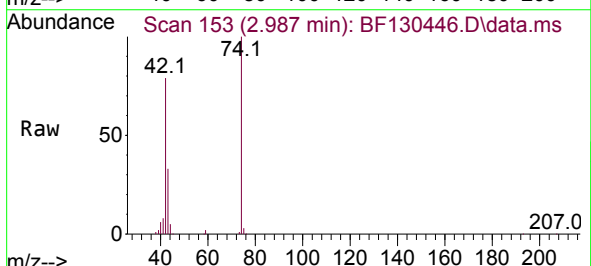
Tgt Ion: 79 Resp: 255175
Ion Ratio Lower Upper
79 100
52 69.2 62.4 93.6
51 37.3 32.2 48.4

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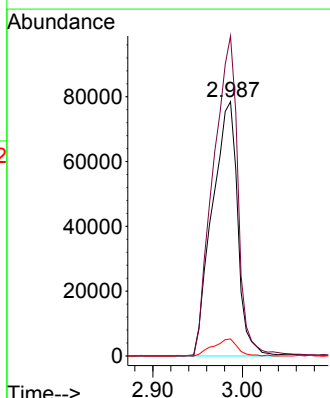
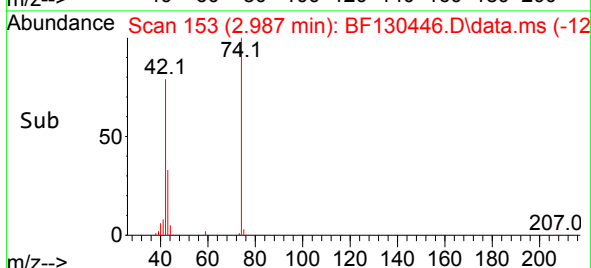
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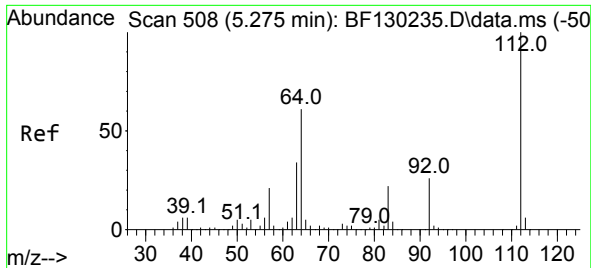


#4
n-Nitrosodimethylamine
Concen: 35.656 ng
RT: 2.987 min Scan# 153
Delta R.T. 0.082 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49



Tgt Ion: 42 Resp: 154657
Ion Ratio Lower Upper
42 100
74 125.9 88.4 132.6
44 6.6 5.0 7.4





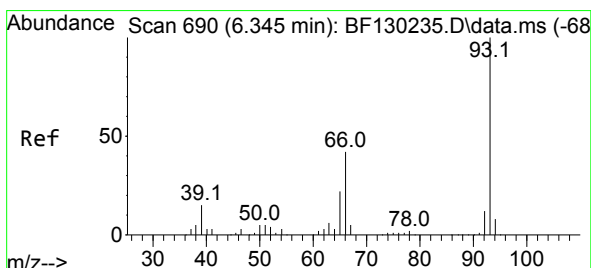
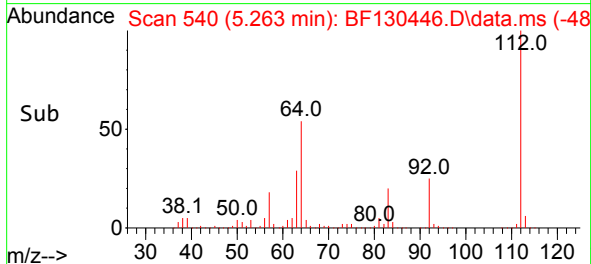
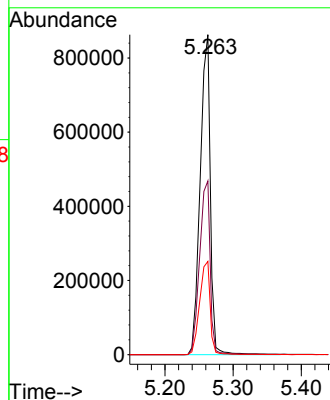
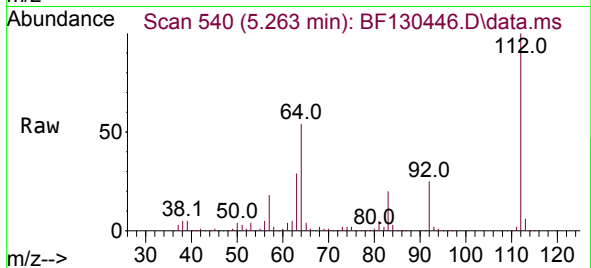
#5
2-Fluorophenol
Concen: 134.120 ng
RT: 5.263 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Instrument :
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Tgt Ion:112 Resp: 892812
Ion Ratio Lower Upper
112 100
64 54.3 51.4 77.0
63 29.1 28.8 43.2

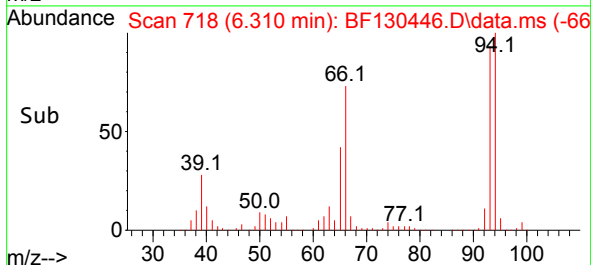
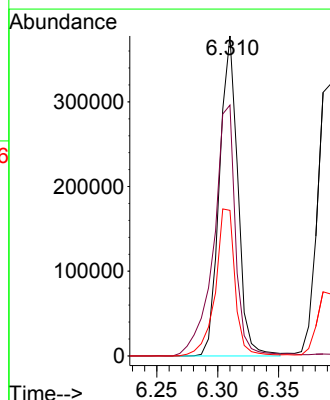
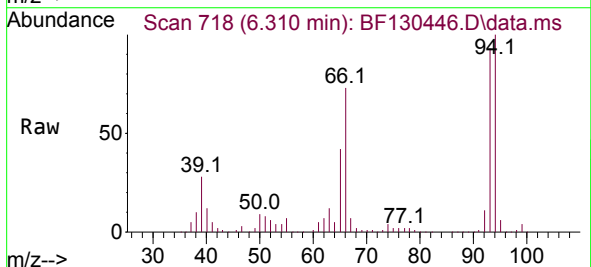
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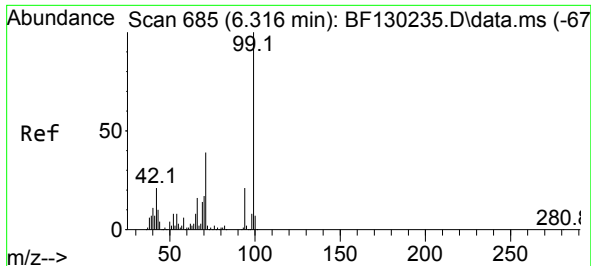
Reviewed By :Christian Giraldo 09/29/2022
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#6
Aniline
Concen: 38.429 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

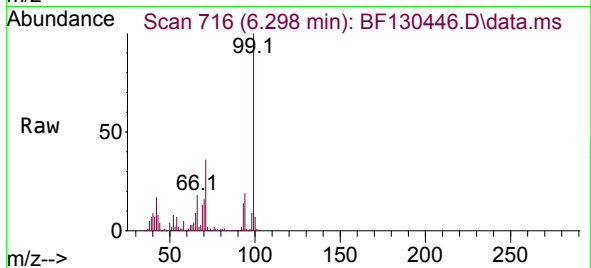
Tgt Ion: 93 Resp: 394381
Ion Ratio Lower Upper
93 100
66 78.4 34.2 51.4#
65 45.5 16.6 24.8#





#7
Phenol-d6
Concen: 131.132 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

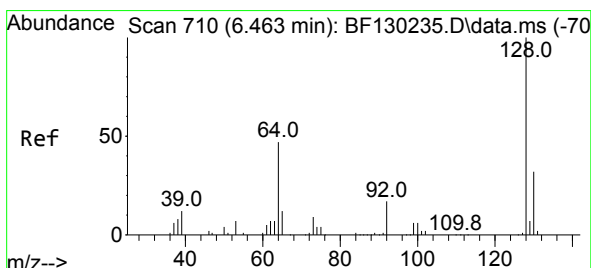
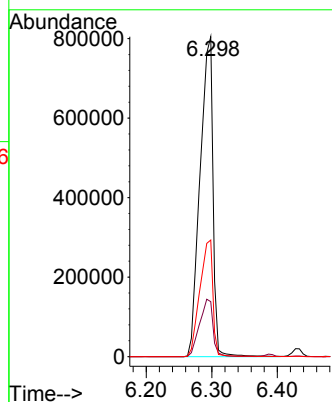
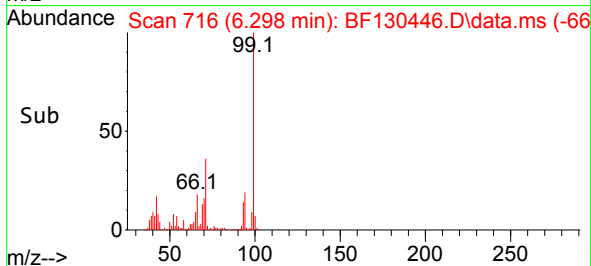
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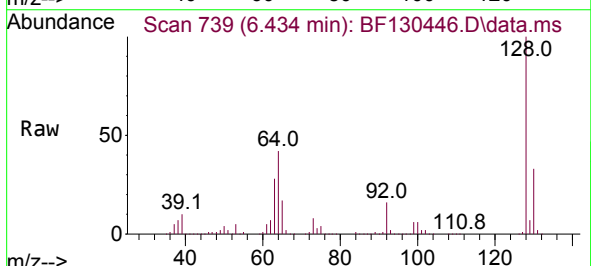
Tgt Ion: 99 Resp: 1092230
Ion Ratio Lower Upper
99 100
42 17.2 17.0 25.6
71 36.4 32.3 48.5

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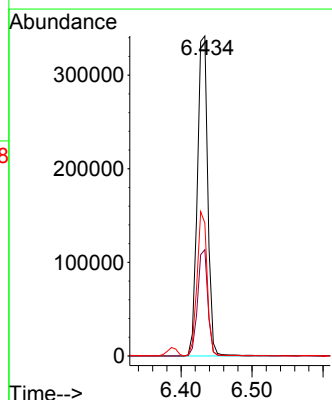
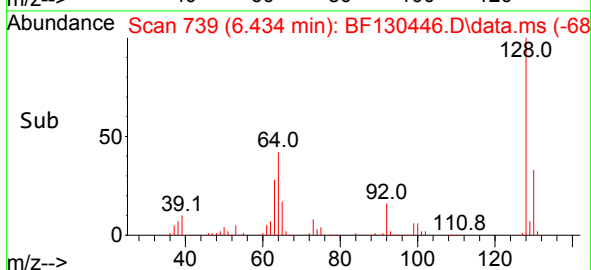
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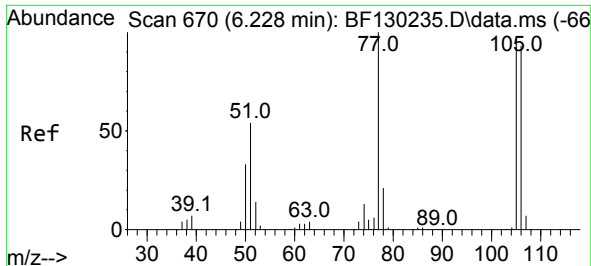


#8
2-Chlorophenol
Concen: 46.085 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF130446.D
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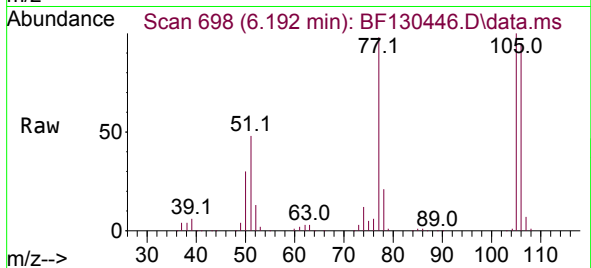
Tgt Ion:128 Resp: 349464
Ion Ratio Lower Upper
128 100
130 33.2 12.4 52.4
64 41.5 31.6 71.6





#9
Benzaldehyde
Concen: 36.761 ng
RT: 6.192 min Scan# 698
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

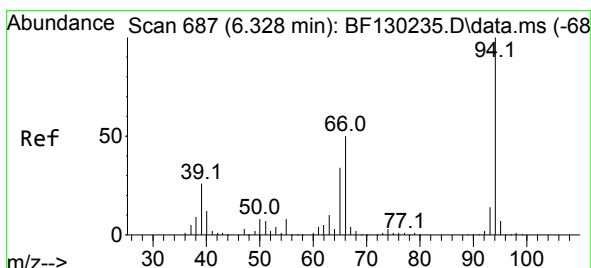
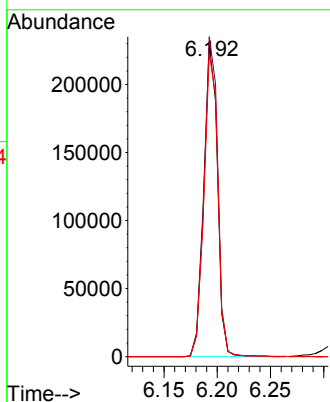
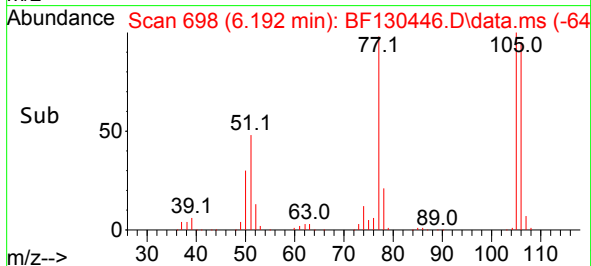
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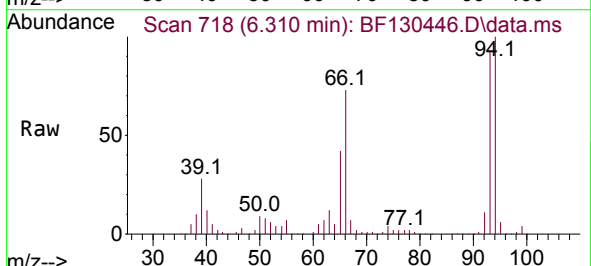
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Ion Ratio Lower Upper
77 100
105 102.3 75.1 115.1
106 96.9 69.7 109.7

Manual Integrations
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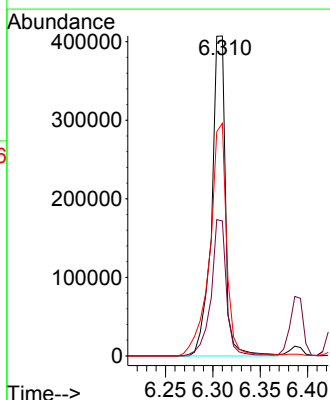
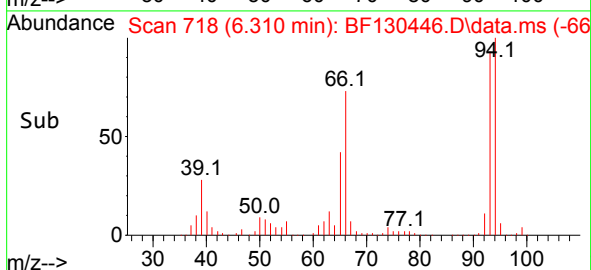
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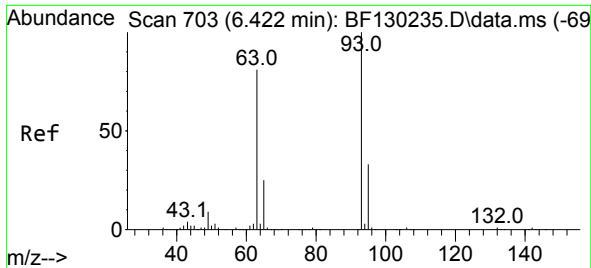


#10
Phenol
Concen: 42.490 ng
RT: 6.310 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49



Tgt Ion: 94 Resp: 414750
Ion Ratio Lower Upper
94 100
65 42.2 14.1 54.1
66 72.7 28.1 68.1#





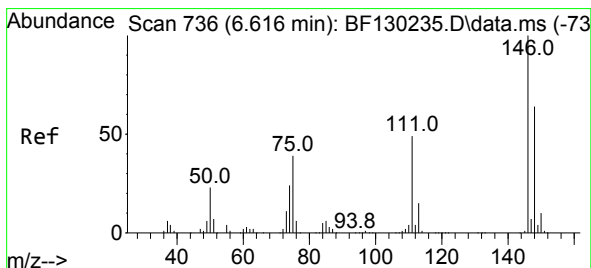
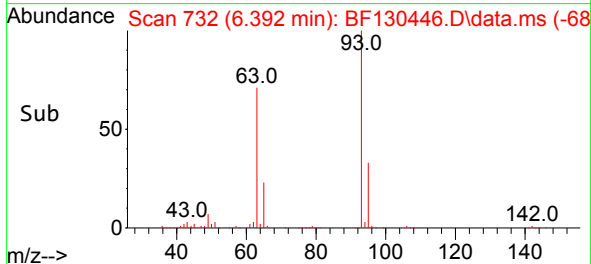
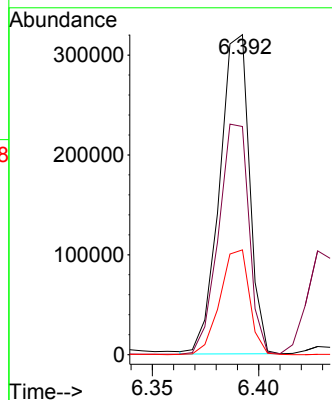
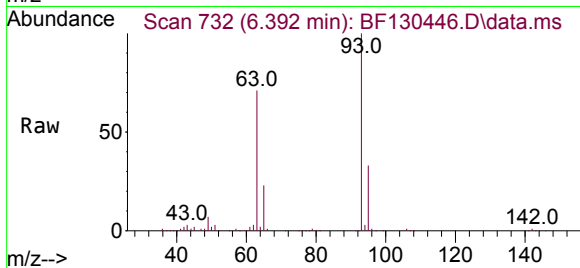
#11
bis(2-Chloroethyl)ether
Concen: 44.334 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147926BSD

Tgt Ion: 93 Resp: 312135
Ion Ratio Lower Upper
93 100
63 71.3 62.5 102.5
95 32.7 12.5 52.5

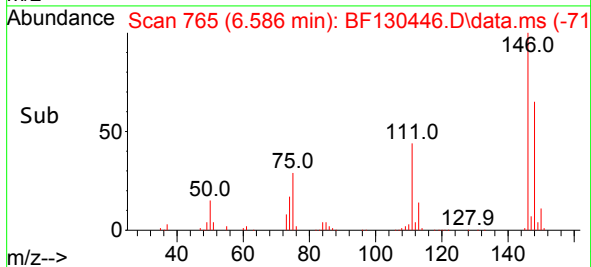
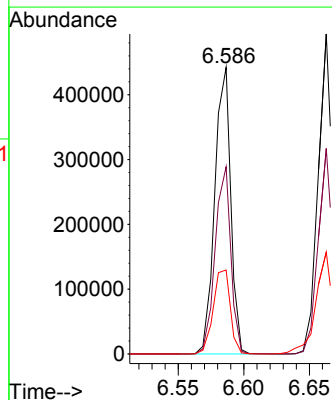
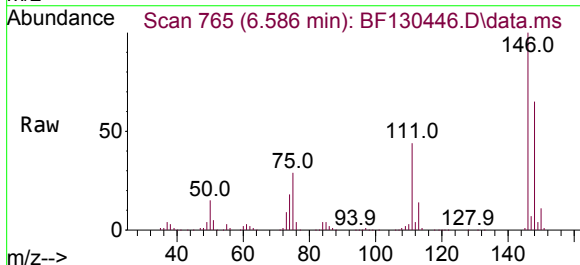
Manual Integrations
APPROVED

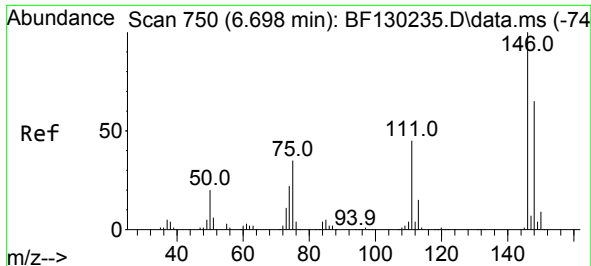
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#12
1,3-Dichlorobenzene
Concen: 44.970 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

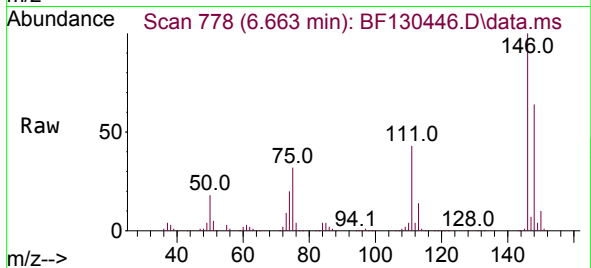
Tgt Ion:146 Resp: 375225
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.2
75 29.3 28.8 43.2





#13
1,4-Dichlorobenzene
Concen: 44.824 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

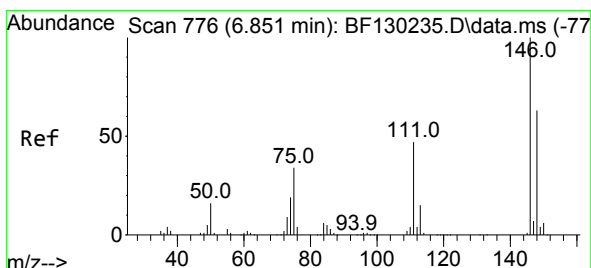
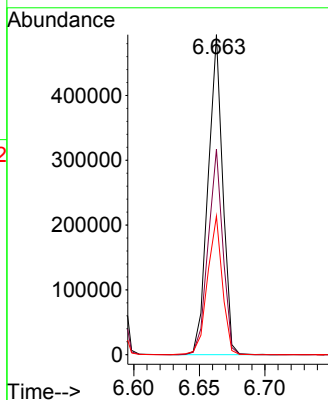
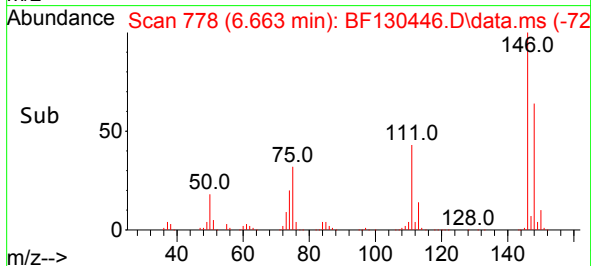
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



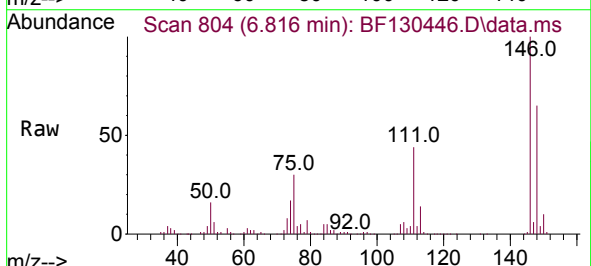
Tgt Ion:146 Resp: 381394
Ion Ratio Lower Upper
146 100
148 64.2 50.3 75.5
111 43.3 36.3 54.5

Manual Integrations
APPROVED

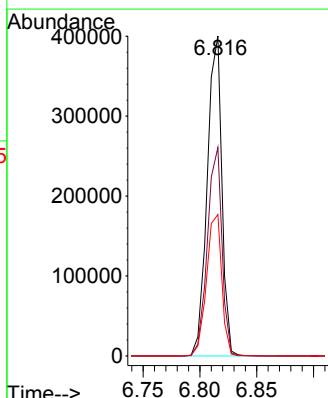
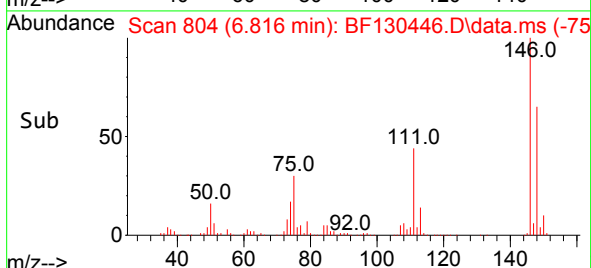
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

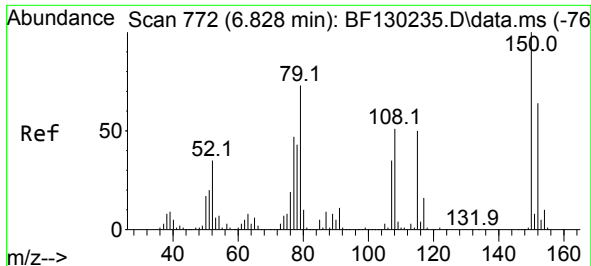


#14
1,2-Dichlorobenzene
Concen: 45.246 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49



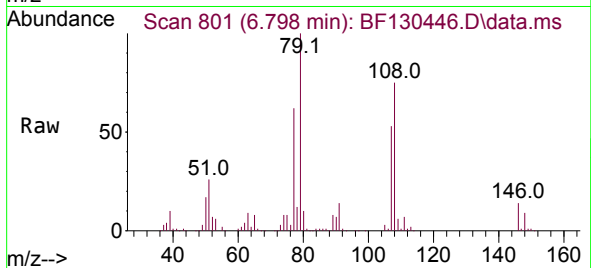
Tgt Ion:146 Resp: 359635
Ion Ratio Lower Upper
146 100
148 65.1 51.6 77.4
111 44.2 39.2 58.8





#15
Benzyl Alcohol
Concen: 35.226 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

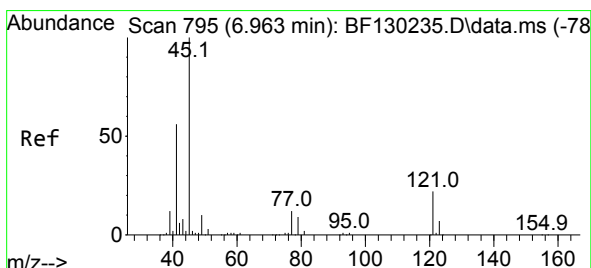
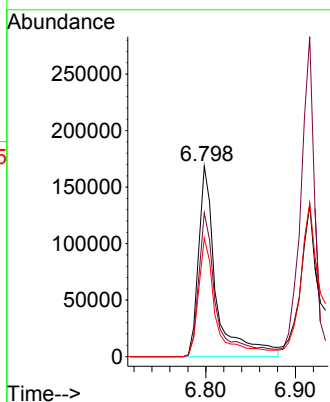
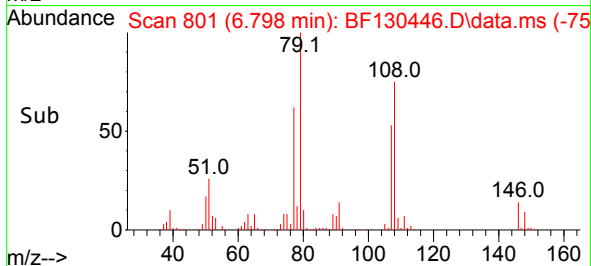
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



Tgt Ion: 79 Resp: 23262
Ion Ratio Lower Upper
79 100
108 75.5 54.0 81.0
77 62.2 51.3 76.9

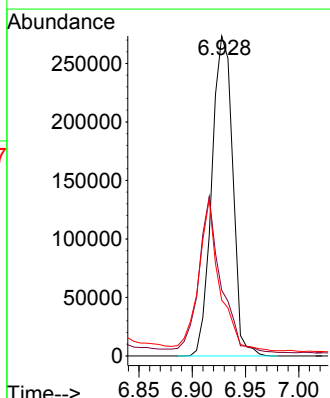
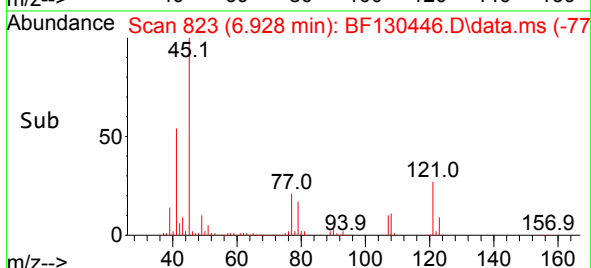
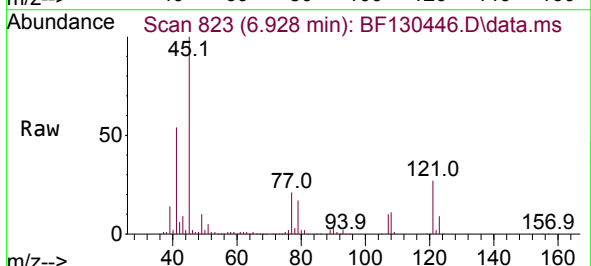
Manual Integrations
APPROVED

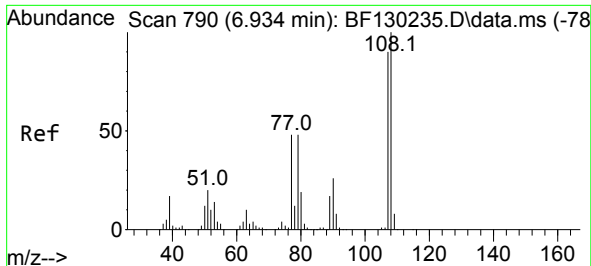
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.408 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

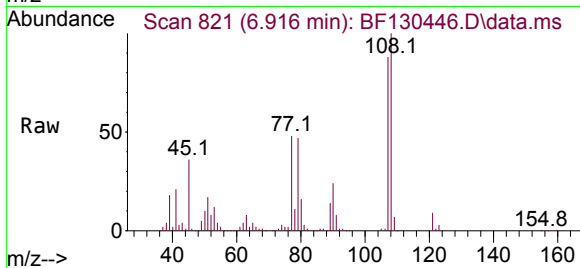
Tgt Ion: 45 Resp: 373864
Ion Ratio Lower Upper
45 100
77 20.5 0.0 34.9
79 17.4 0.0 31.0





#17
2-Methylphenol
Concen: 46.922 ng
RT: 6.916 min Scan# 801
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147926BSD

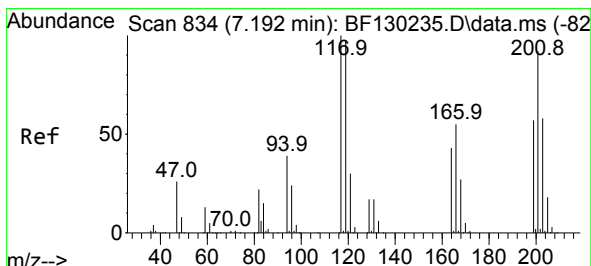
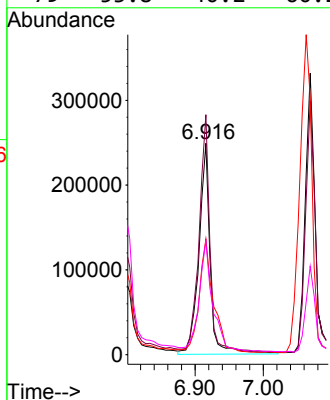
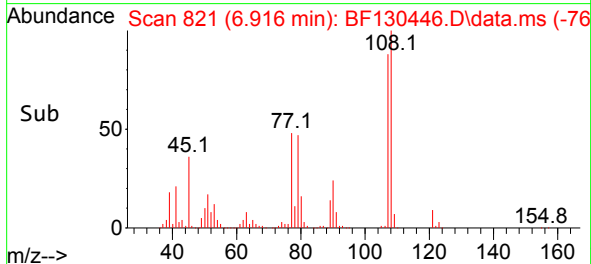


Tgt Ion:107 Resp: 289239

Ion	Ratio	Lower	Upper
107	100		
108	113.6	89.4	134.0
77	54.6	40.6	60.8
79	53.8	40.2	60.2

Manual Integrations
APPROVED

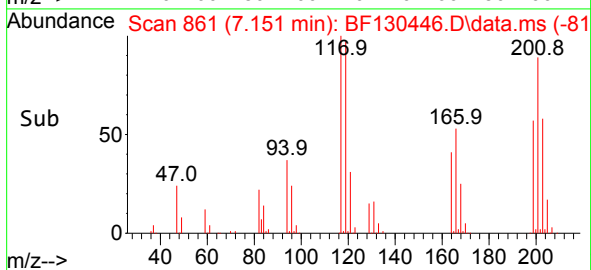
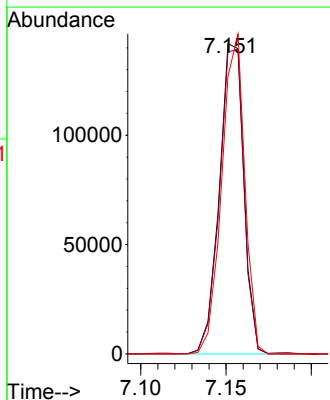
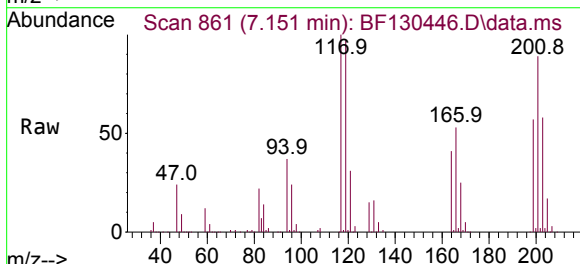
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

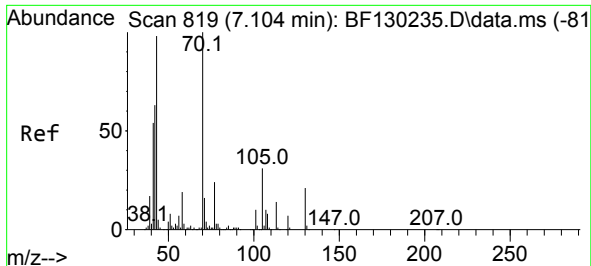


#18
Hexachloroethane
Concen: 42.334 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Tgt Ion:117 Resp: 141985

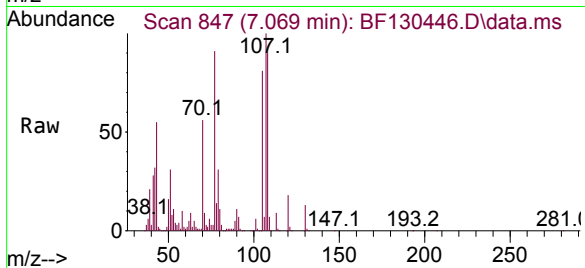
Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.8	116.6
201	89.4	68.7	103.1





#19
n-Nitroso-di-n-propylamine
Concen: 40.151 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

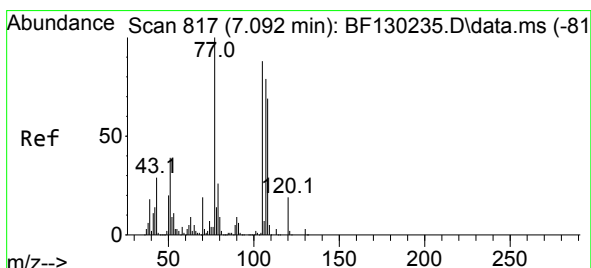
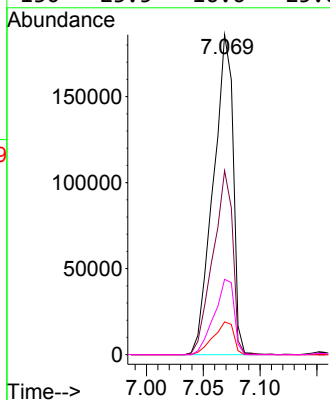
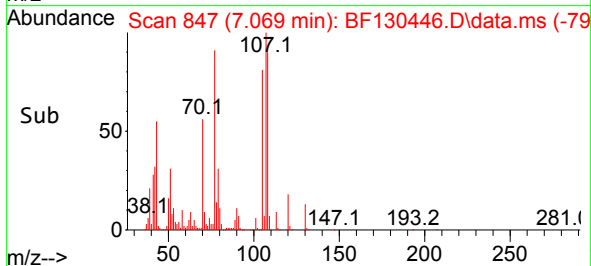
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



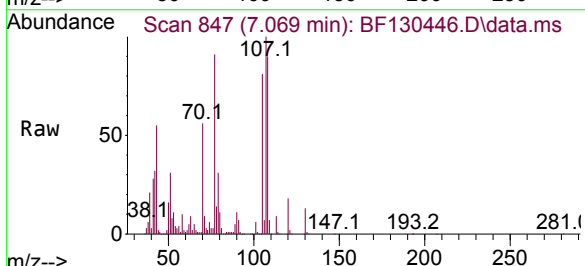
Tgt Ion: 70 Resp: 225666
Ion Ratio Lower Upper
70 100
42 57.5 50.8 76.2
101 10.3 8.2 12.4
130 23.5 16.6 25.0

Manual Integrations
APPROVED

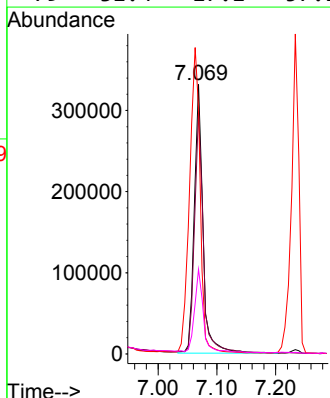
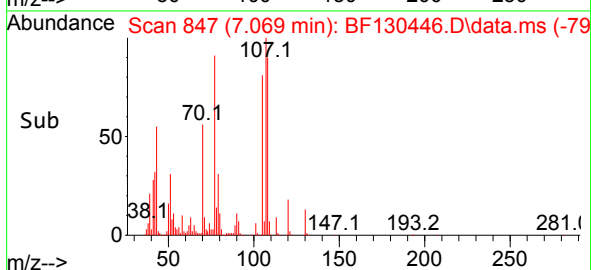
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

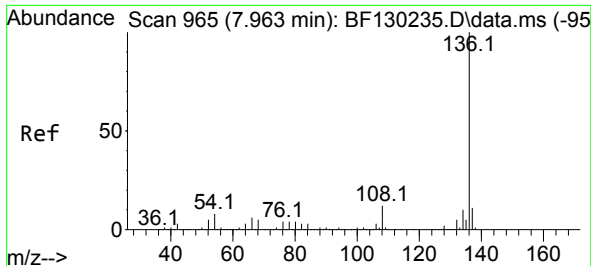


#20
3+4-Methylphenols
Concen: 42.814 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49



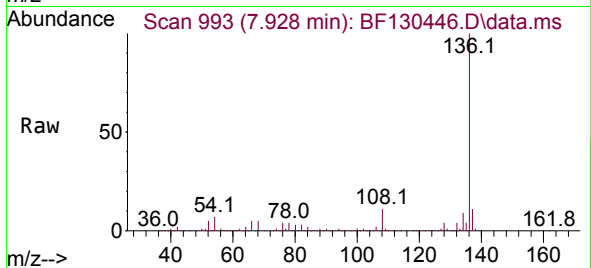
Tgt Ion:107 Resp: 342843
Ion Ratio Lower Upper
107 100
108 90.2 74.8 114.8
77 91.3 125.8 165.8#
79 31.4 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

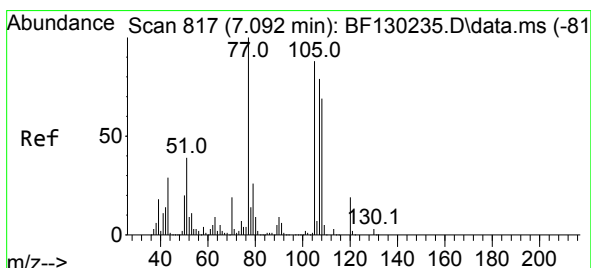
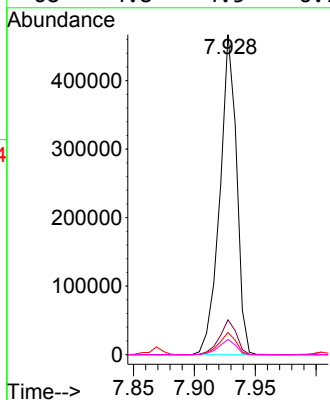
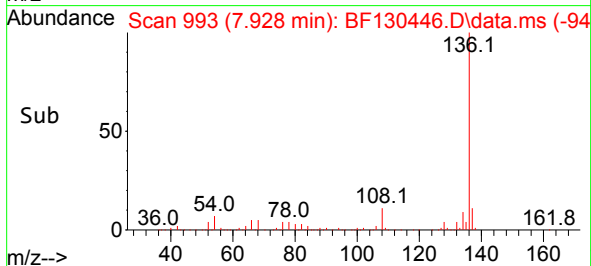
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



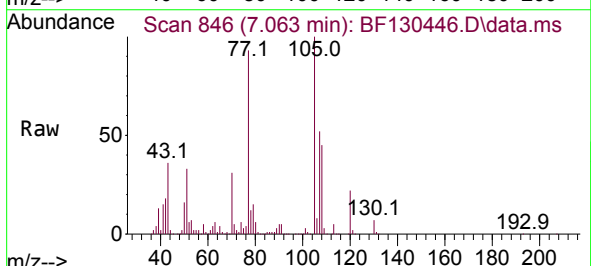
Tgt Ion:136 Resp: 444968
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.9 7.1 10.7
68 4.8 4.5 6.7

Manual Integrations
APPROVED

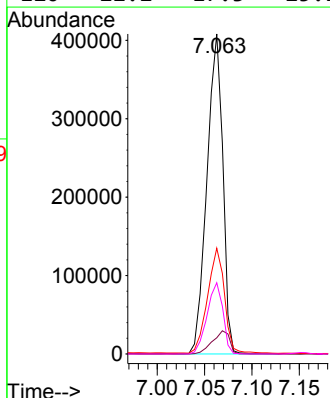
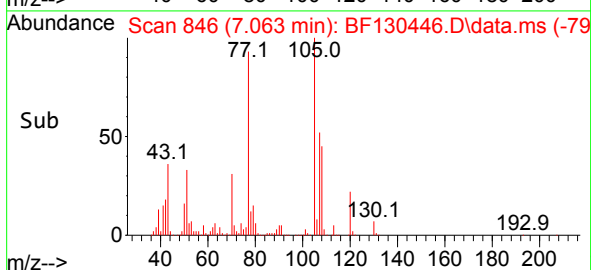
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

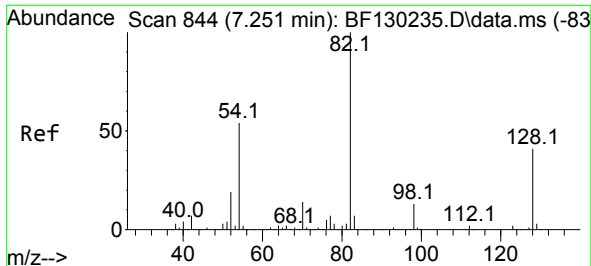


#22
Acetophenone
Concen: 43.877 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49



Tgt Ion:105 Resp: 477330
Ion Ratio Lower Upper
105 100
71 5.1 3.9 5.9
51 33.0 32.2 48.2
120 22.2 17.3 25.9





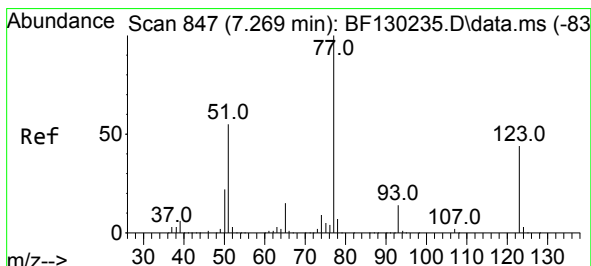
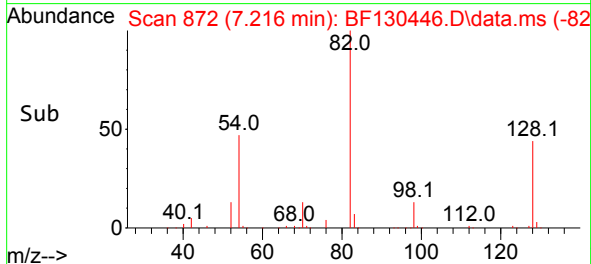
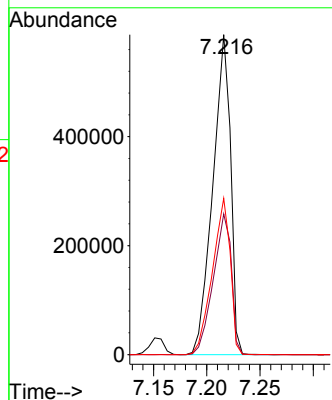
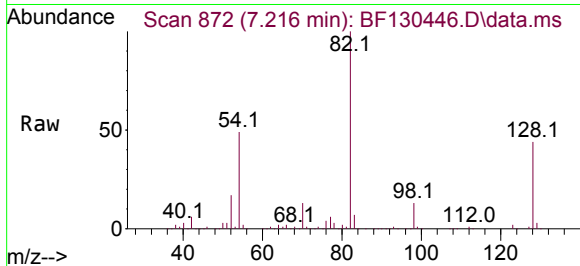
#23
Nitrobenzene-d5
Concen: 78.133 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147926BSD

Tgt Ion: 82 Resp: 680515
Ion Ratio Lower Upper
82 100
128 44.0 32.6 49.0
54 48.8 43.8 65.6

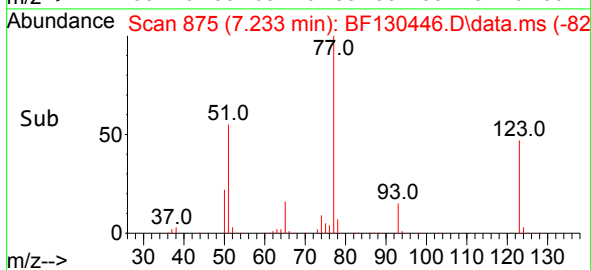
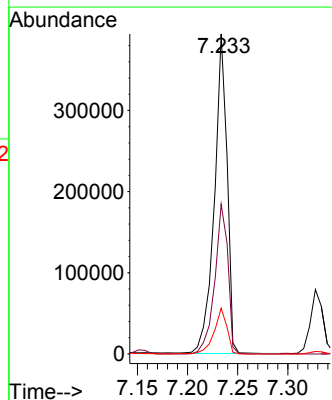
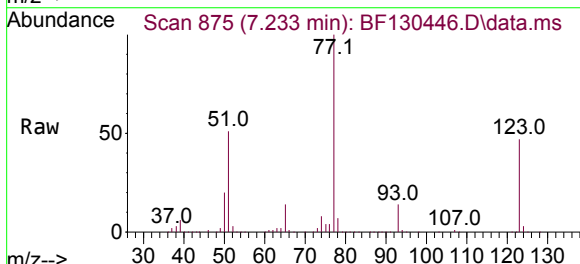
Manual Integrations
APPROVED

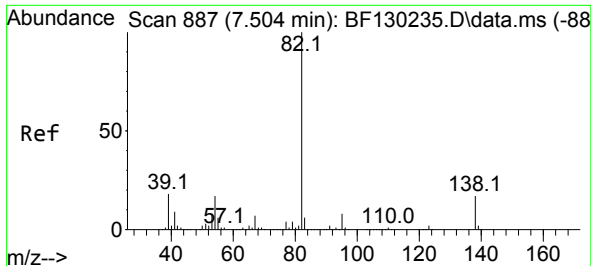
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#24
Nitrobenzene
Concen: 39.222 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Tgt Ion: 77 Resp: 346871
Ion Ratio Lower Upper
77 100
123 46.8 34.3 51.5
65 14.3 12.0 18.0





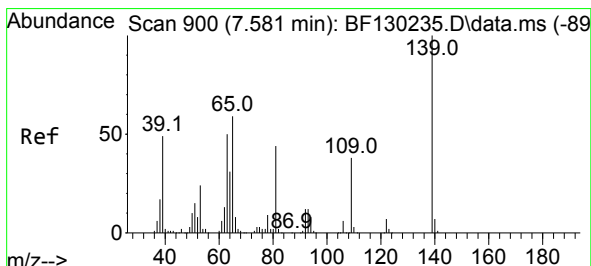
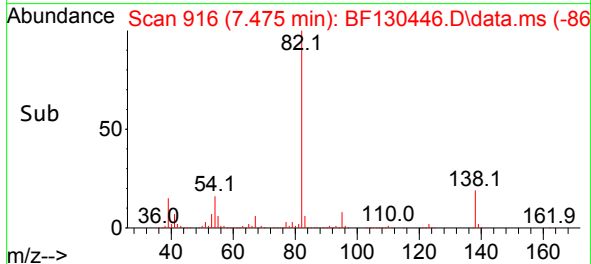
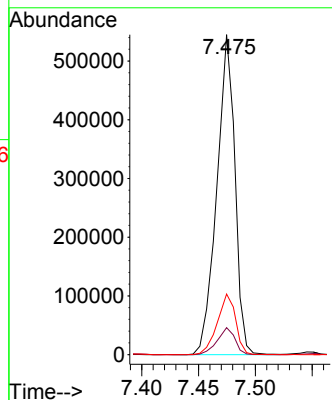
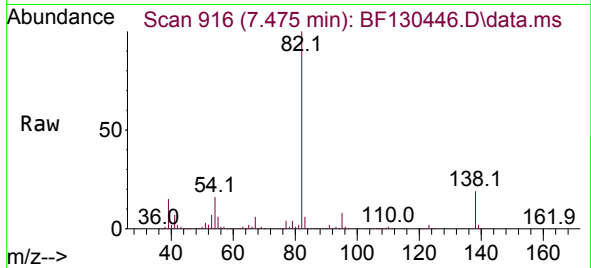
#25
Isophorone
Concen: 43.025 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147926BSD

Tgt Ion: 82 Resp: 60398
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 18.9 13.8 20.6

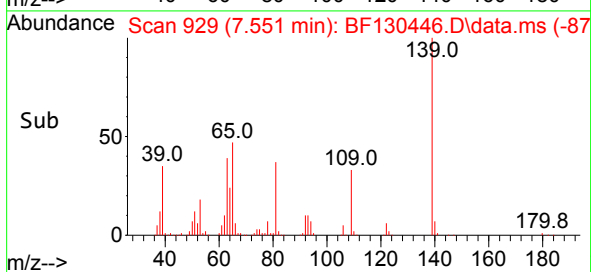
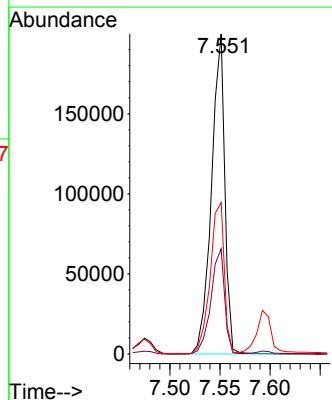
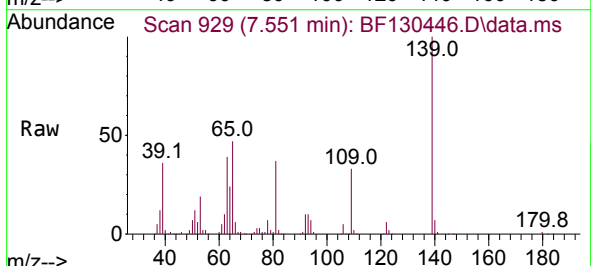
Manual Integrations
APPROVED

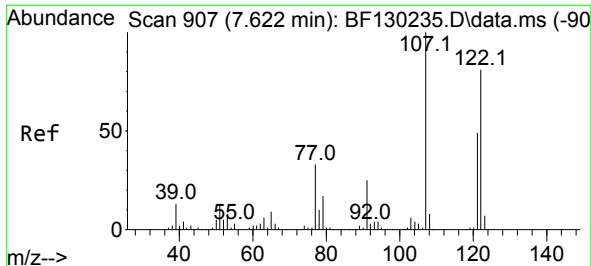
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#26
2-Nitrophenol
Concen: 50.807 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Tgt Ion:139 Resp: 184194
Ion Ratio Lower Upper
139 100
109 32.8 30.2 45.4
65 47.3 48.9 73.3#





#27

2,4-Dimethylphenol

Concen: 48.730 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130446.D

Acq: 28 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147926BSD

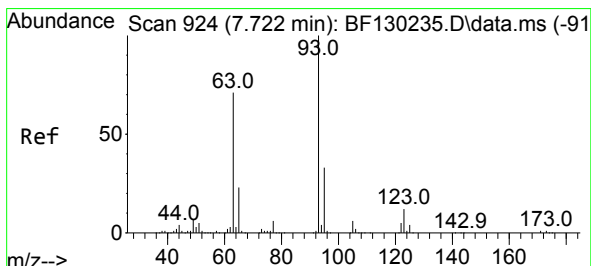
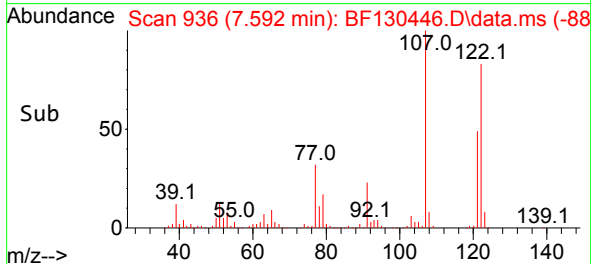
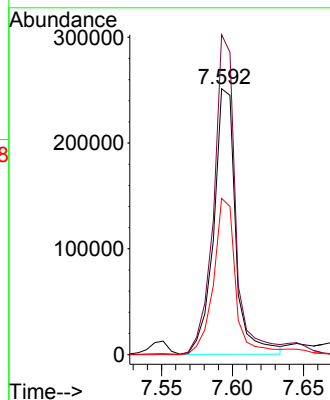
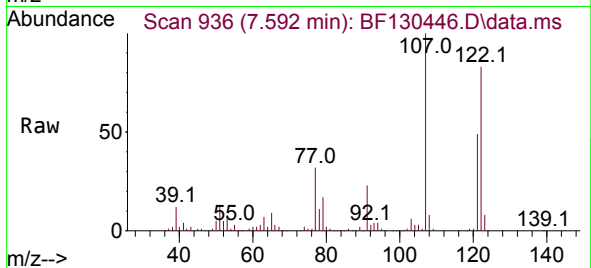
Tgt Ion:	122	Resp:	272015
Ion	Ratio	Lower	Upper
122	100		
107	120.4	100.2	150.2
121	58.8	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.845 ng

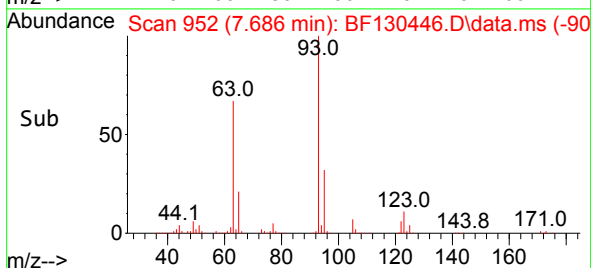
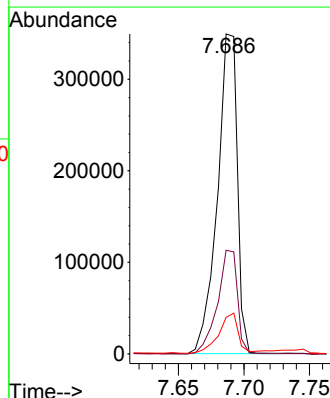
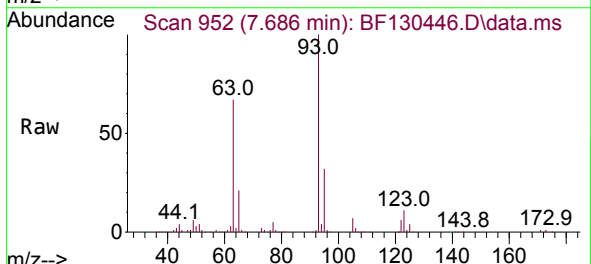
RT: 7.686 min Scan# 952

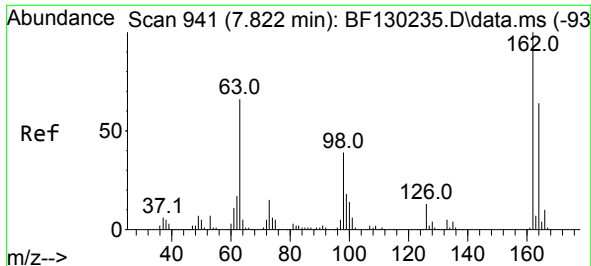
Delta R.T. -0.000 min

Lab File: BF130446.D

Acq: 28 Sep 2022 13:49

Tgt Ion:	93	Resp:	370291
Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.4	9.4	14.2





#29

2,4-Dichlorophenol

Concen: 46.292 ng

RT: 7.798 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130446.D

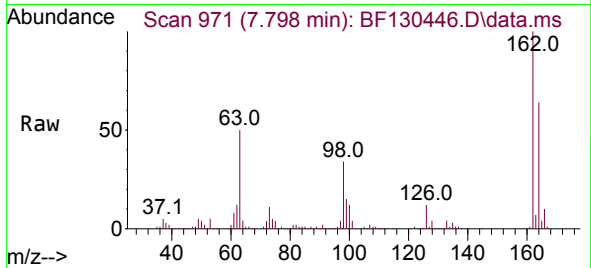
Acq: 28 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147926BSD

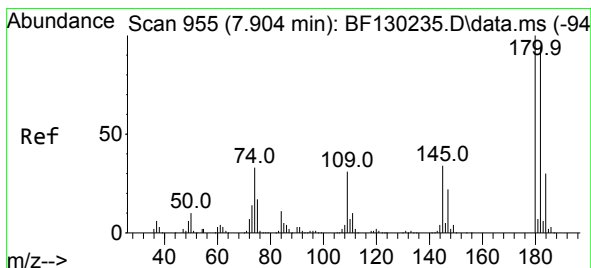
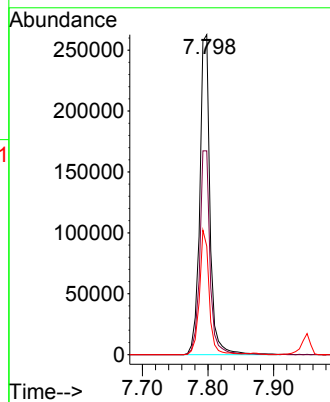
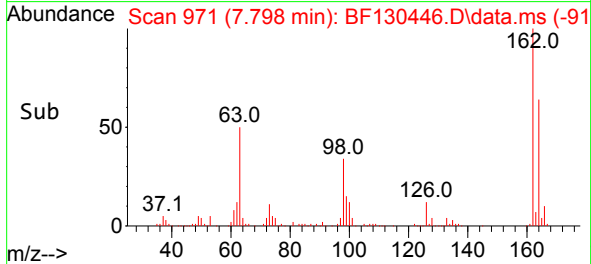


Tgt Ion:	162	Resp:	283175
Ion Ratio	Lower	Upper	
162	100		
164	63.7	42.2	82.2
98	33.9	21.7	61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.112 ng

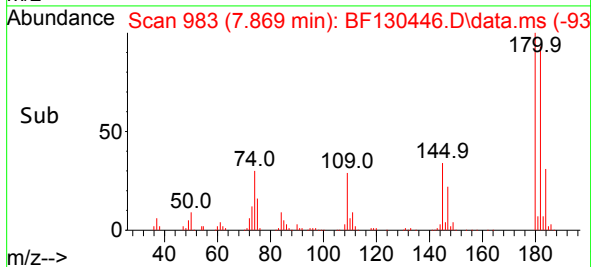
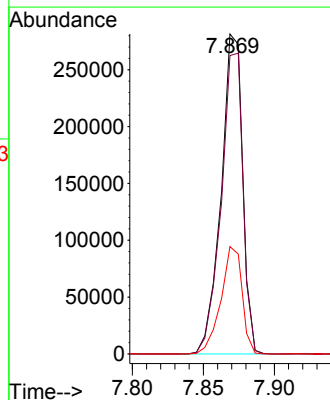
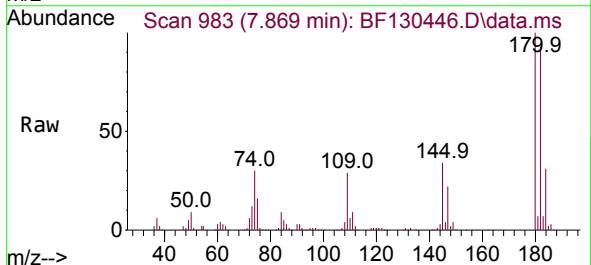
RT: 7.869 min Scan# 983

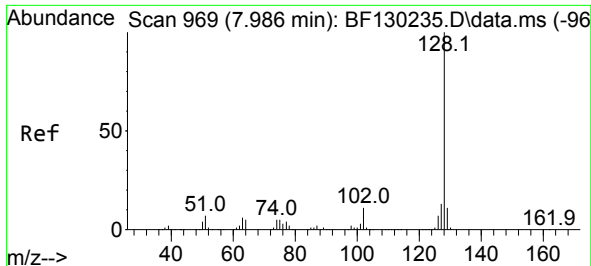
Delta R.T. -0.006 min

Lab File: BF130446.D

Acq: 28 Sep 2022 13:49

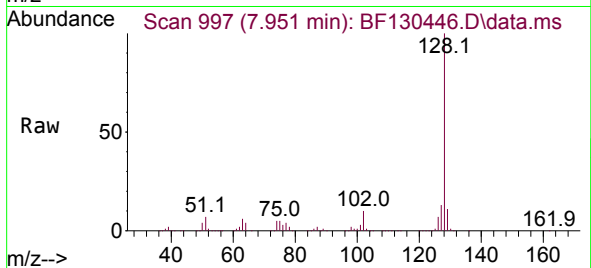
Tgt Ion:	180	Resp:	298351
Ion Ratio	Lower	Upper	
180	100		
182	93.2	73.3	109.9
145	33.5	28.3	42.5





#31
Naphthalene
Concen: 42.990 ng
RT: 7.951 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

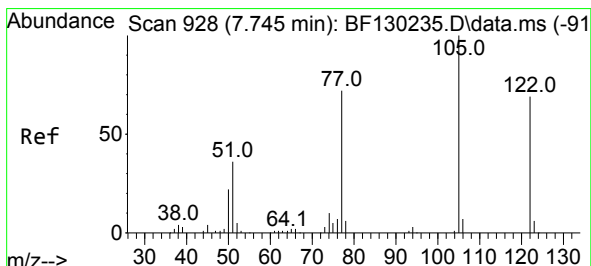
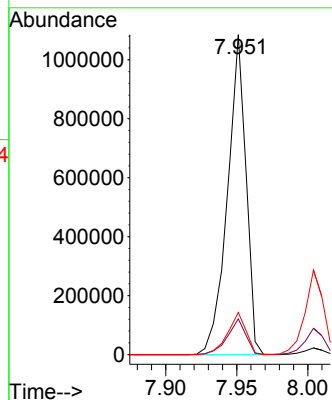
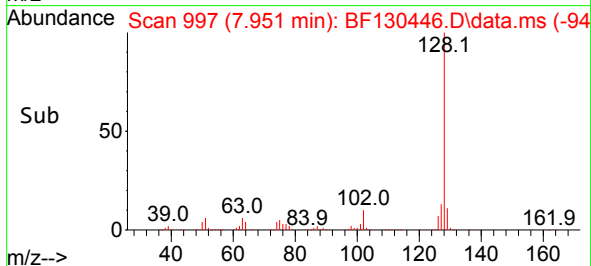
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



Tgt Ion:128 Resp: 985505
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.2 10.6 16.0

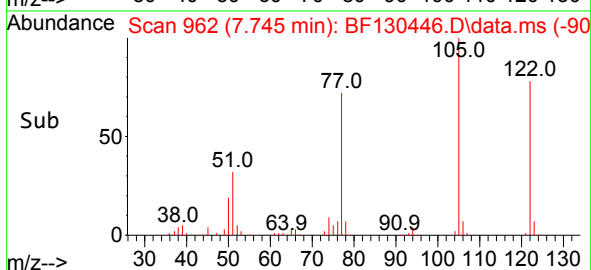
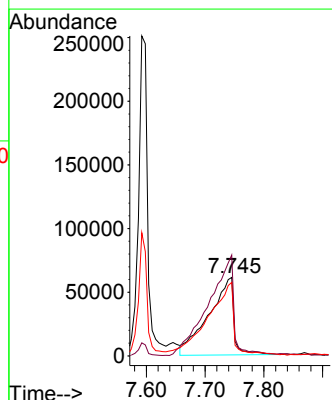
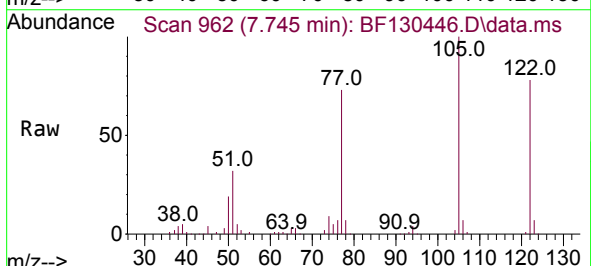
Manual Integrations
APPROVED

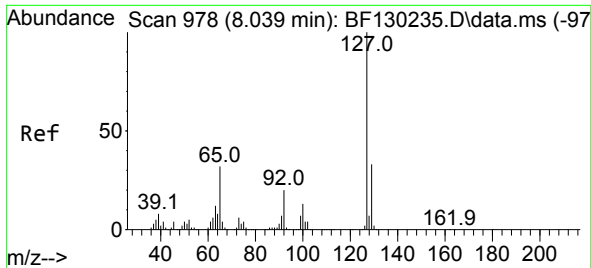
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#32
Benzoic acid
Concen: 41.973 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.012 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Tgt Ion:122 Resp: 181190
Ion Ratio Lower Upper
122 100
105 128.6 112.9 152.9
77 93.5 82.8 122.8





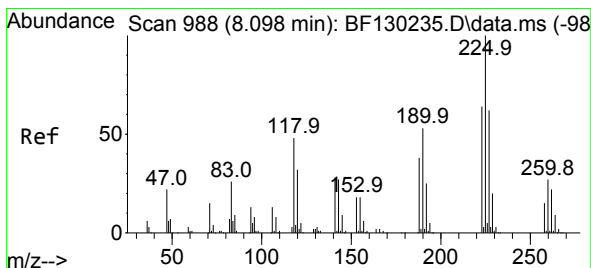
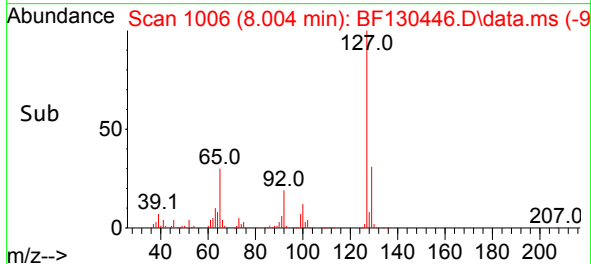
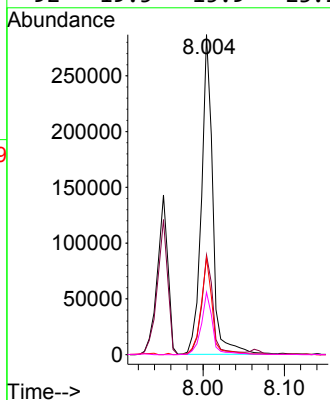
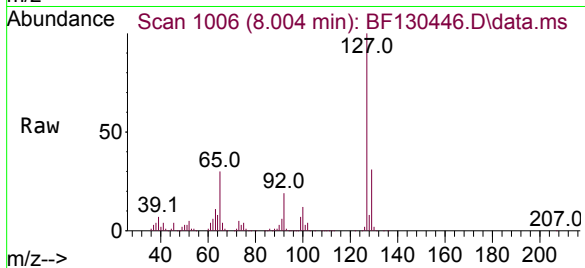
#33
4-Chloroaniline
Concen: 31.852 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147926BSD

Tgt Ion:	127	Resp:	277708
Ion Ratio	Lower	Upper	
127	100		
129	31.1	25.6	38.4
65	30.3	27.0	40.6
92	19.5	15.9	23.9

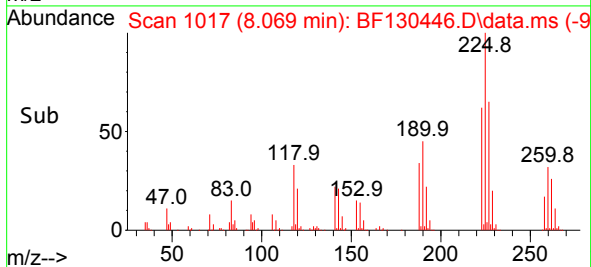
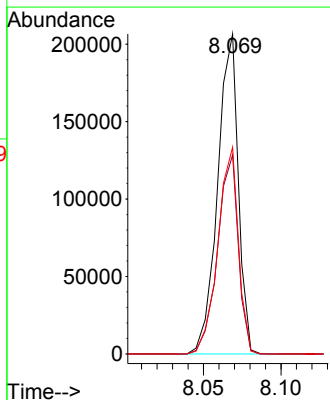
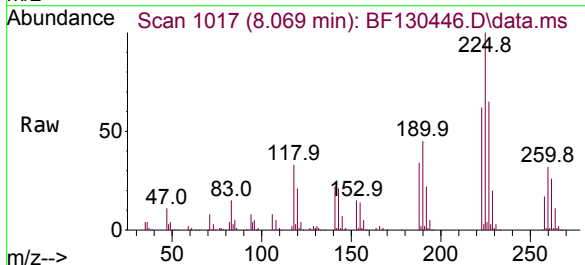
Manual Integrations
APPROVED

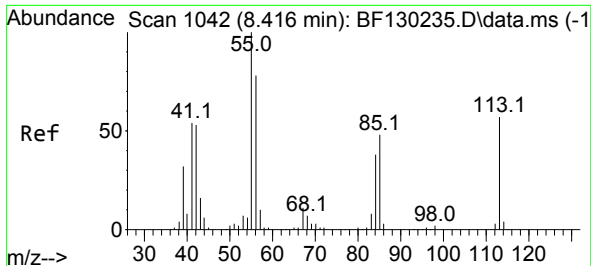
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#34
Hexachlorobutadiene
Concen: 45.196 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

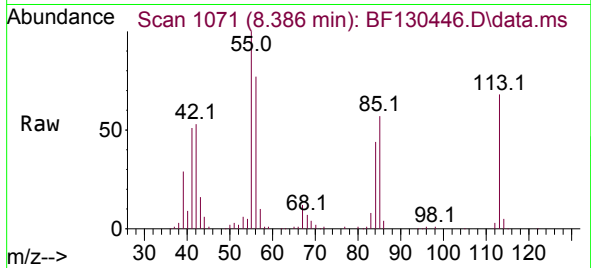
Tgt Ion:	225	Resp:	191030
Ion Ratio	Lower	Upper	
225	100		
223	62.2	50.3	75.5
227	64.6	51.1	76.7





#35
 Caprolactam
 Concen: 49.796 ng m
 RT: 8.386 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BF130446.D
 Acq: 28 Sep 2022 13:49

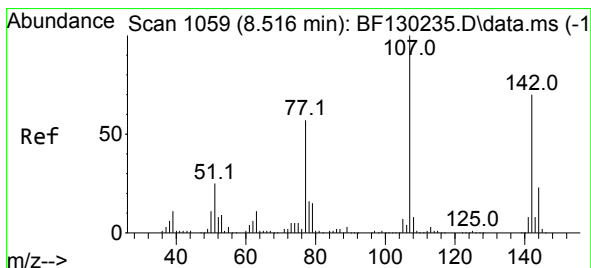
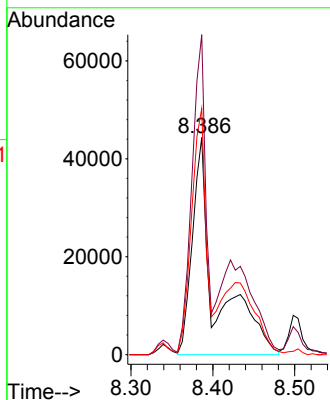
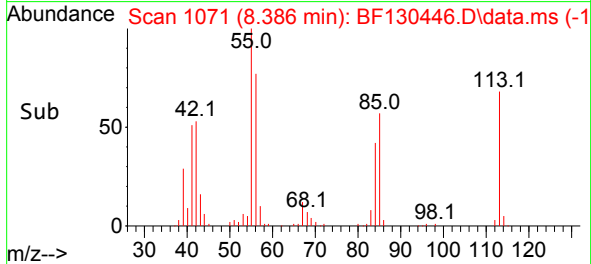
Instrument :
 BNA_F
 ClientSampleId :
 PB147926BSD



Tgt Ion:113 Resp: 87325
 Ion Ratio Lower Upper
 113 100
 55 147.4 155.4 195.4
 56 113.3 120.4 160.4

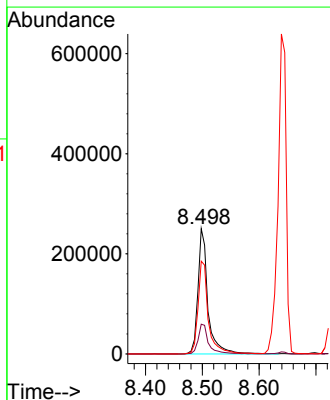
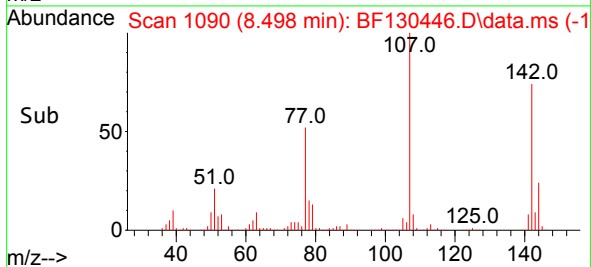
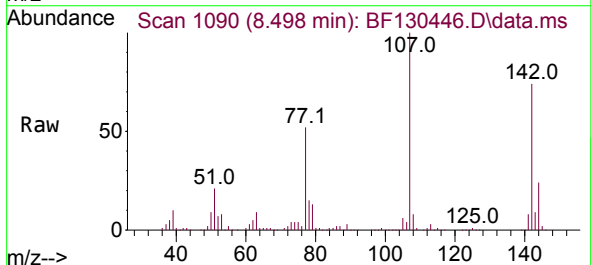
Manual Integrations
 APPROVED

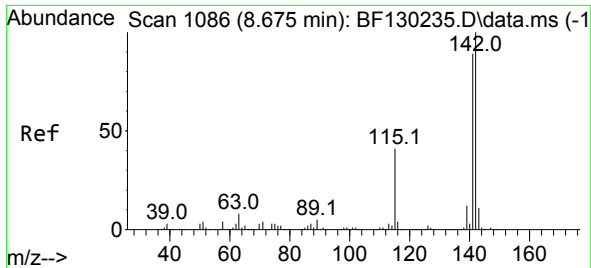
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#36
 4-Chloro-3-methylphenol
 Concen: 44.733 ng
 RT: 8.498 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: BF130446.D
 Acq: 28 Sep 2022 13:49

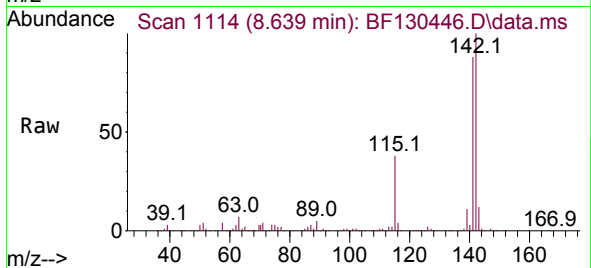
Tgt Ion:107 Resp: 303304
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.0 30.0
 142 74.1 61.3 91.9





#37
2-Methylnaphthalene
Concen: 43.820 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

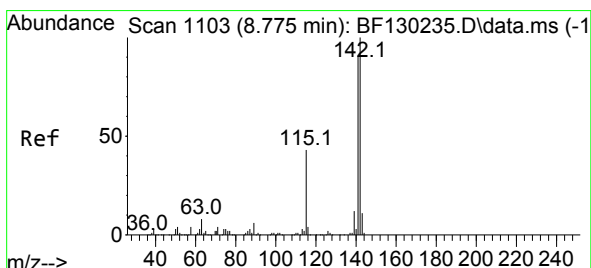
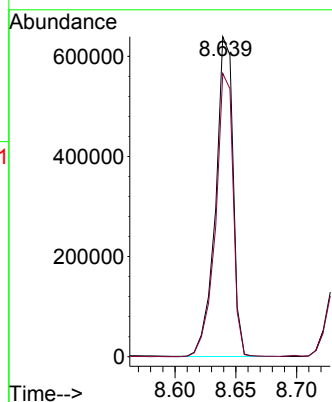
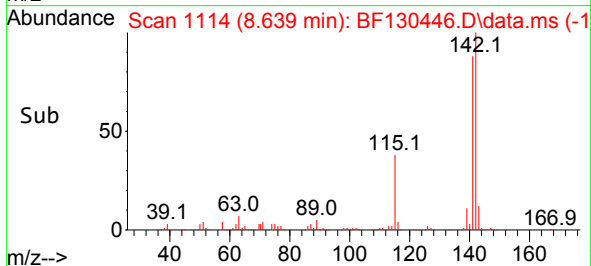
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



Tgt Ion:142 Resp: 640479
Ion Ratio Lower Upper
142 100
141 88.5 70.0 105.0

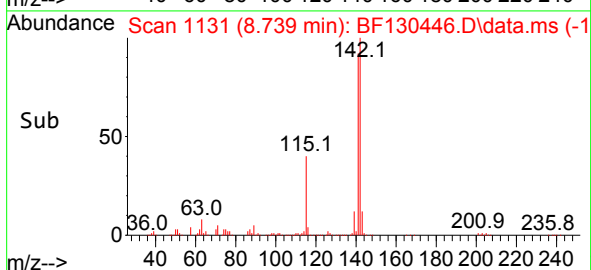
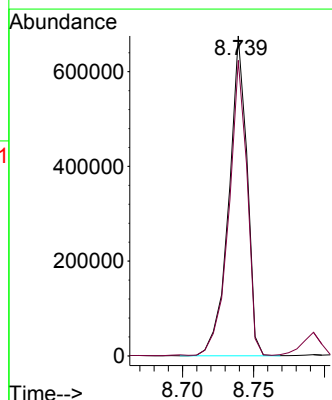
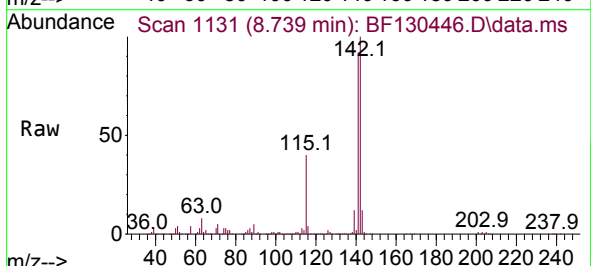
Manual Integrations
APPROVED

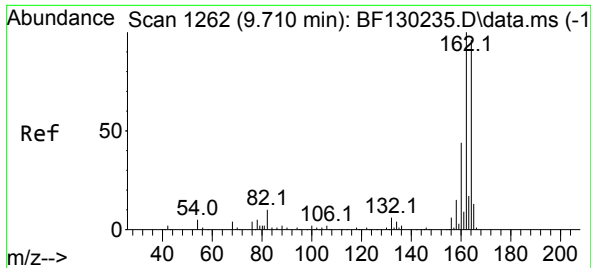
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#38
1-Methylnaphthalene
Concen: 42.815 ng
RT: 8.739 min Scan# 1131
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

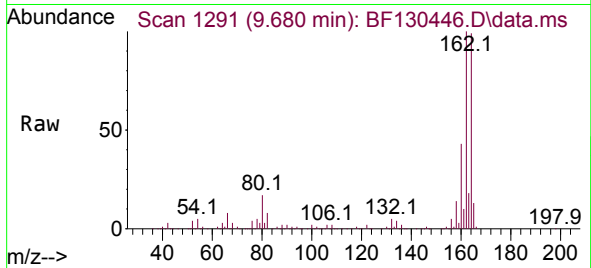
Tgt Ion:142 Resp: 601166
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.680 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

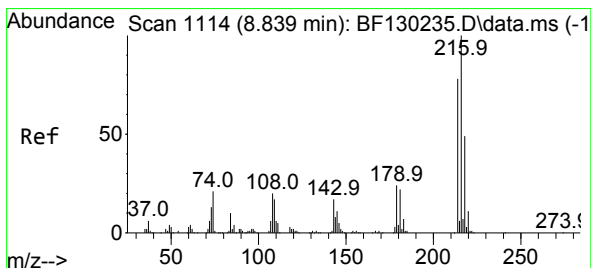
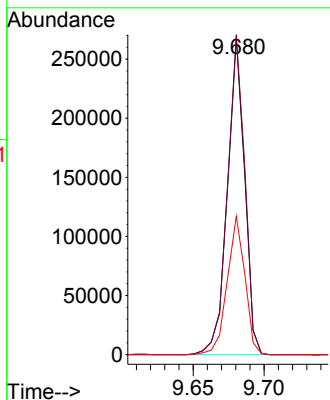
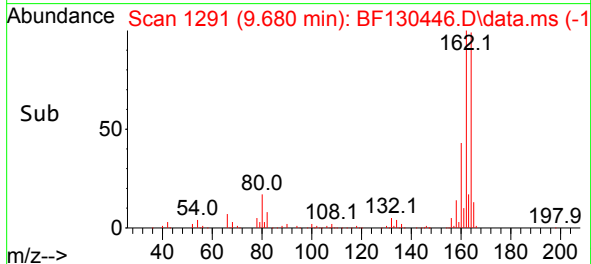
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



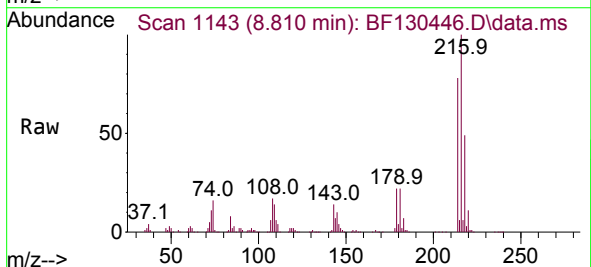
Tgt Ion:164 Resp: 225816
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 43.7 36.2 54.4

Manual Integrations
APPROVED

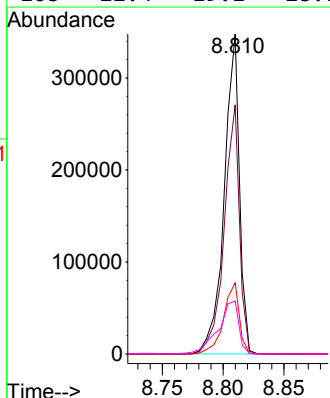
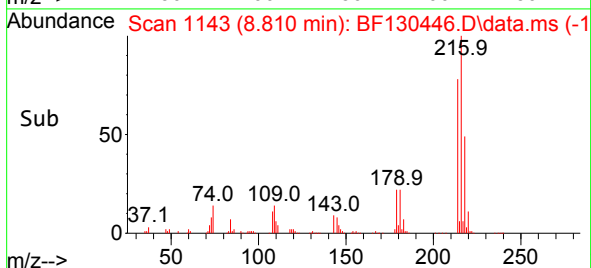
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

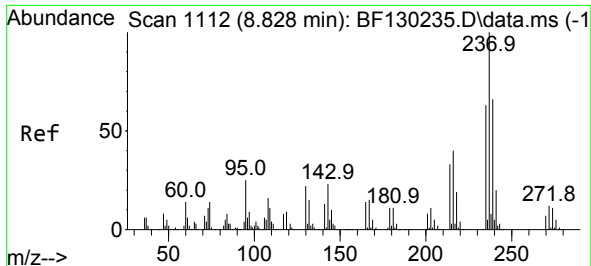


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.095 ng
RT: 8.810 min Scan# 1143
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49



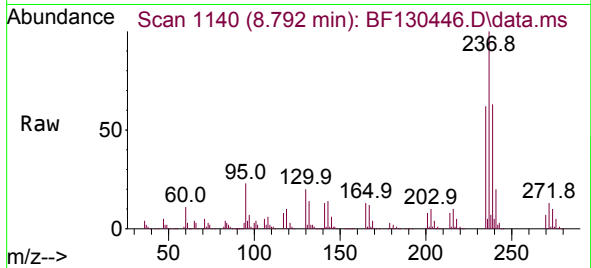
Tgt Ion:216 Resp: 302555
Ion Ratio Lower Upper
216 100
214 77.9 62.8 94.2
179 22.9 19.5 29.3
108 22.4 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 104.856 ng
RT: 8.792 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

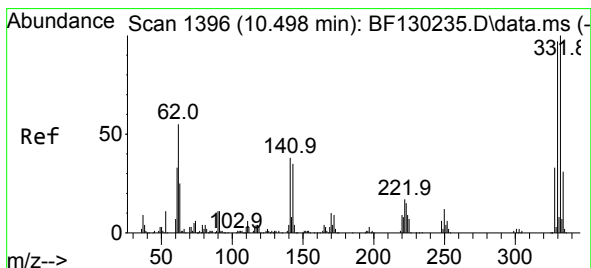
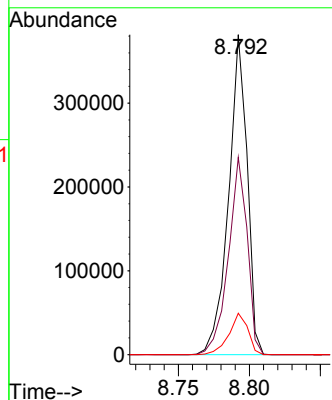
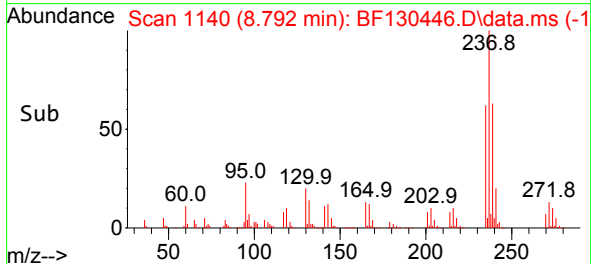
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



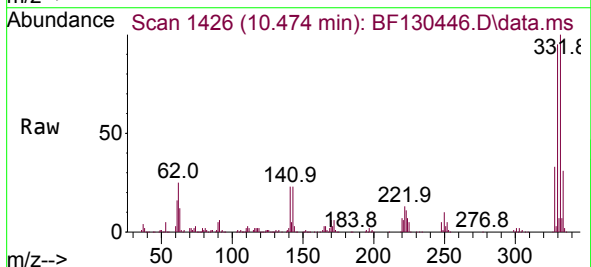
Tgt Ion:237 Resp: 345964
Ion Ratio Lower Upper
237 100
235 61.6 42.5 82.5
272 12.9 0.0 32.8

Manual Integrations
APPROVED

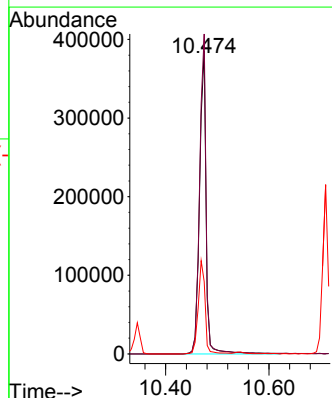
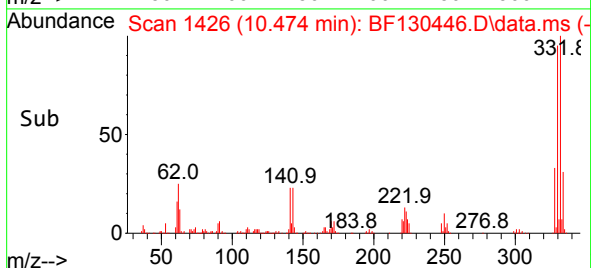
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

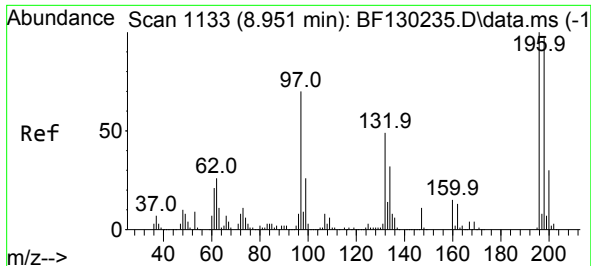


#42
2,4,6-Tribromophenol
Concen: 156.041 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49



Tgt Ion:330 Resp: 337634
Ion Ratio Lower Upper
330 100
332 104.6 83.4 125.2
141 32.2 34.0 51.0#





#43

2,4,6-Trichlorophenol

Concen: 45.600 ng

RT: 8.927 min Scan# 1163

Delta R.T. 0.006 min

Lab File: BF130446.D

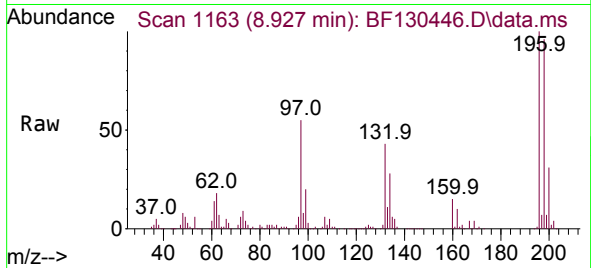
Acq: 28 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147926BSD



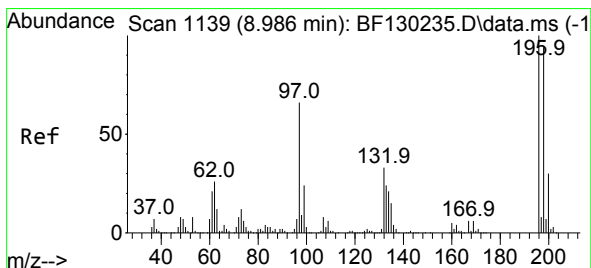
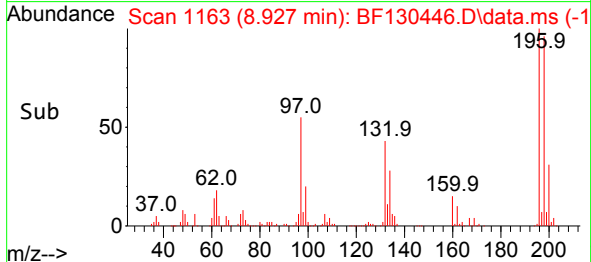
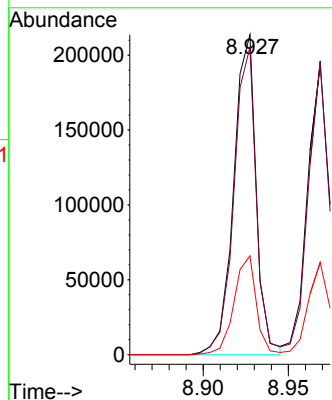
Tgt Ion:	196	Resp:	196125
Ion Ratio	Lower	Upper	
196	100		
198	96.1	72.4	108.6
200	30.9	23.8	35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#44

2,4,5-Trichlorophenol

Concen: 45.869 ng

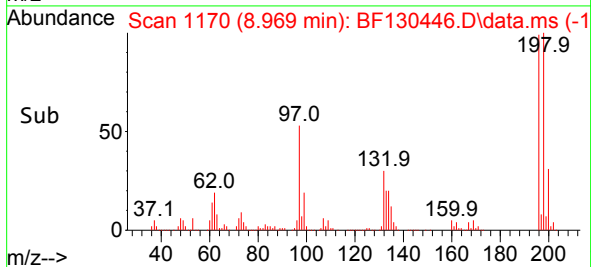
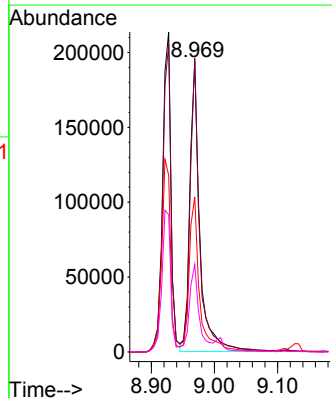
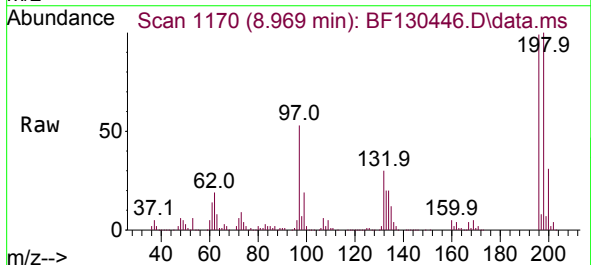
RT: 8.969 min Scan# 1170

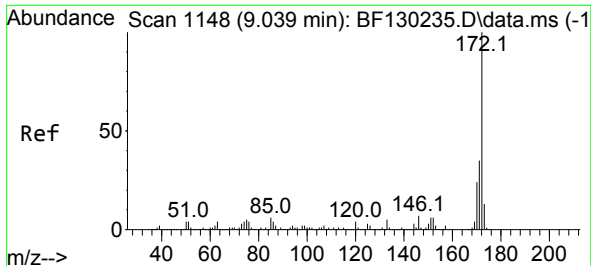
Delta R.T. 0.006 min

Lab File: BF130446.D

Acq: 28 Sep 2022 13:49

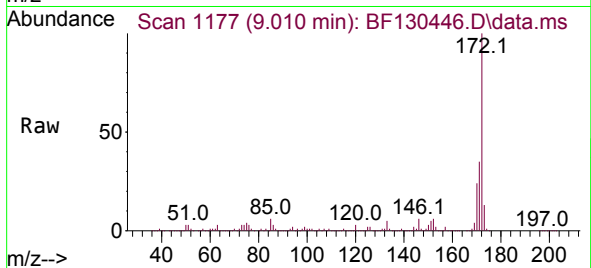
Tgt Ion:	196	Resp:	212886
Ion Ratio	Lower	Upper	
196	100		
198	101.3	74.8	112.2
97	53.4	43.7	65.5
132	30.1	22.8	34.2





#45
2-Fluorobiphenyl
Concen: 85.367 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

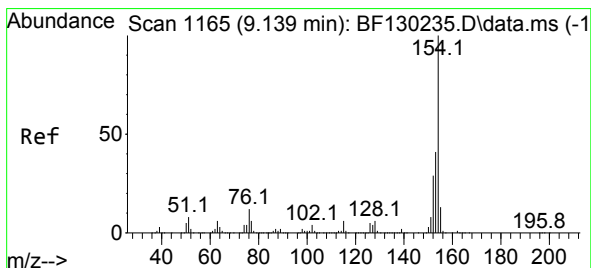
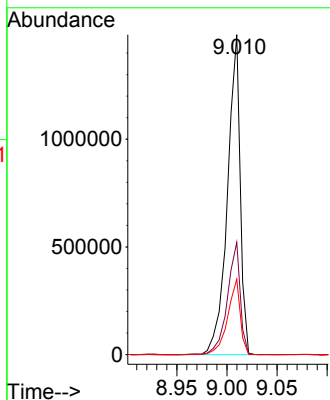
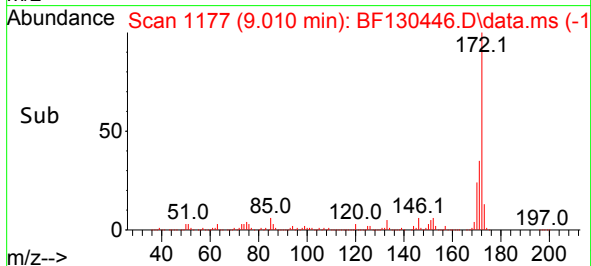
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



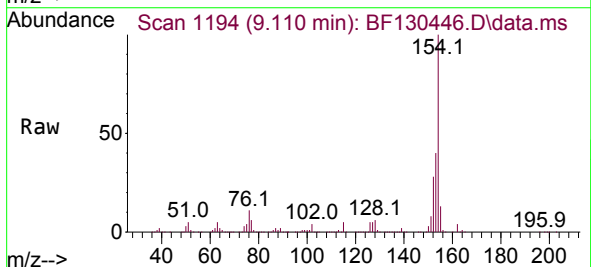
Tgt Ion:172 Resp: 1323806
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.6 18.7 28.1

Manual Integrations
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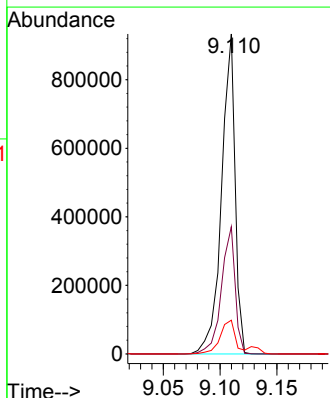
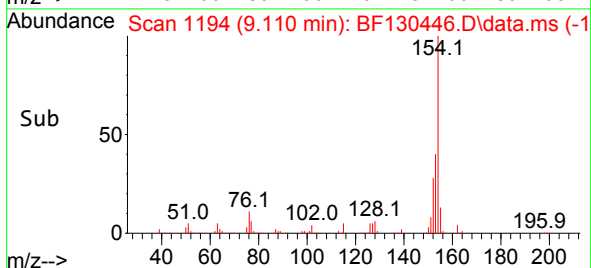
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

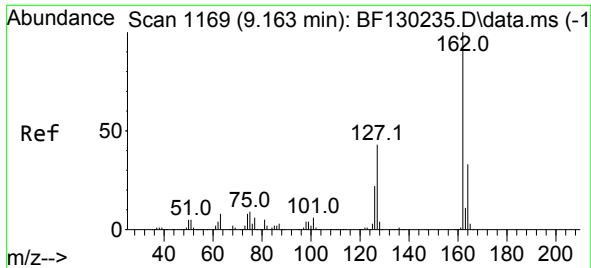


#46
1,1'-Biphenyl
Concen: 45.784 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49



Tgt Ion:154 Resp: 772149
Ion Ratio Lower Upper
154 100
153 39.7 20.0 60.0
76 10.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 44.536 ng

RT: 9.127 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF130446.D

Acq: 28 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147926BSD

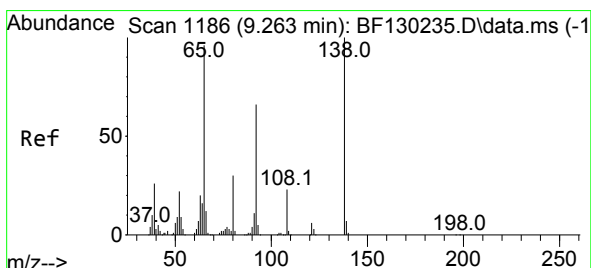
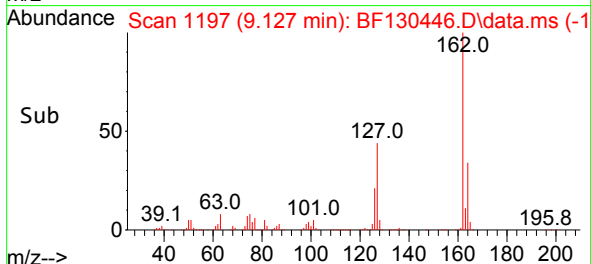
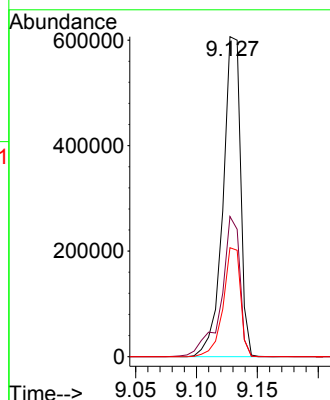
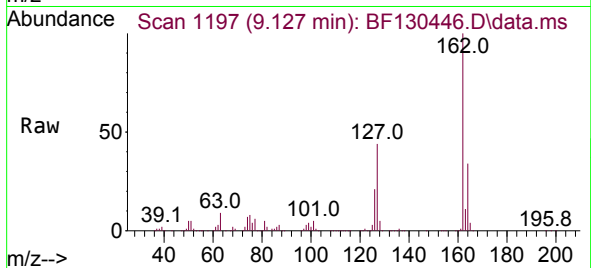
Tgt Ion:162 Resp: 607596
 Ion Ratio Lower Upper
 162 100
 127 43.8 35.9 53.9
 164 34.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#48

2-Nitroaniline

Concen: 40.177 ng

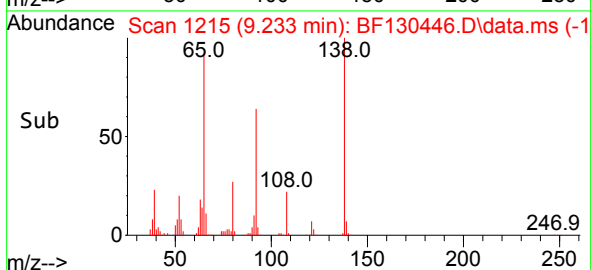
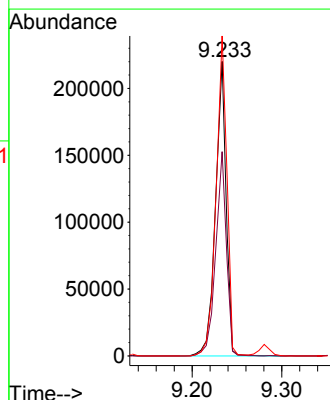
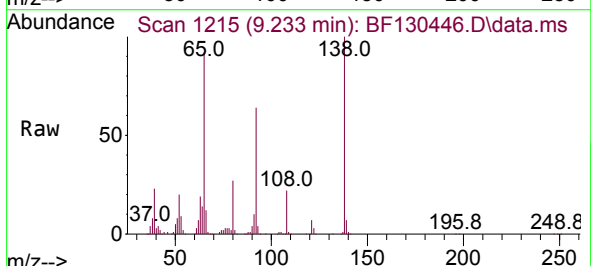
RT: 9.233 min Scan# 1215

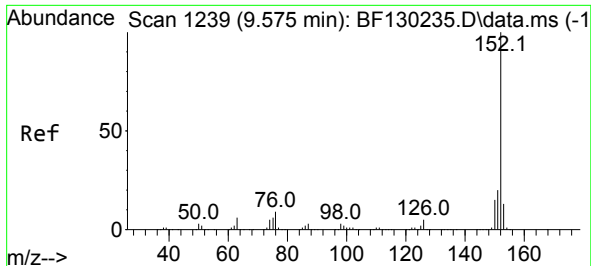
Delta R.T. -0.000 min

Lab File: BF130446.D

Acq: 28 Sep 2022 13:49

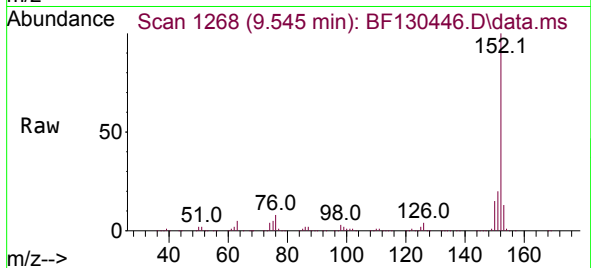
Tgt Ion: 65 Resp: 182814
 Ion Ratio Lower Upper
 65 100
 92 69.4 52.2 78.4
 138 108.7 77.0 115.4





#49
Acenaphthylene
Concen: 44.667 ng
RT: 9.545 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

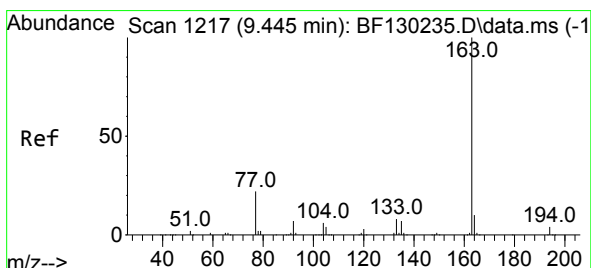
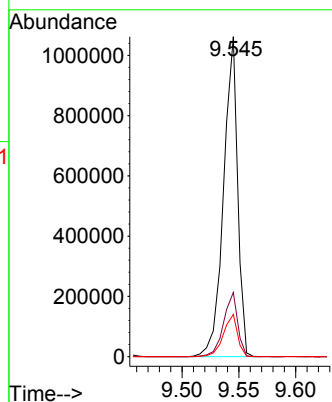
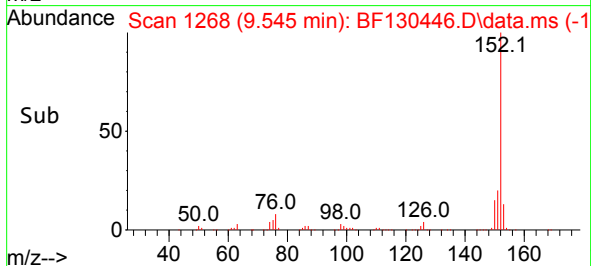
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



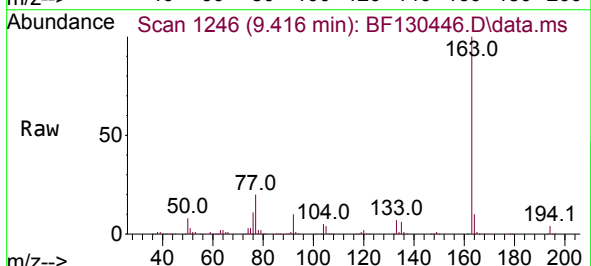
Tgt Ion:152 Resp: 913672
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.2 10.6 15.8

Manual Integrations
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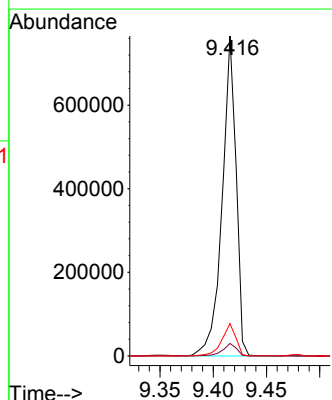
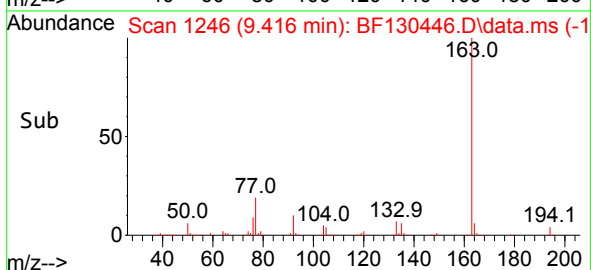
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

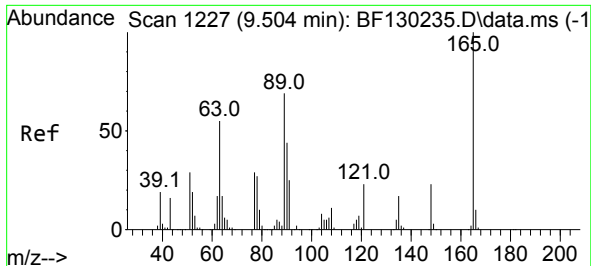


#50
Dimethylphthalate
Concen: 44.630 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49



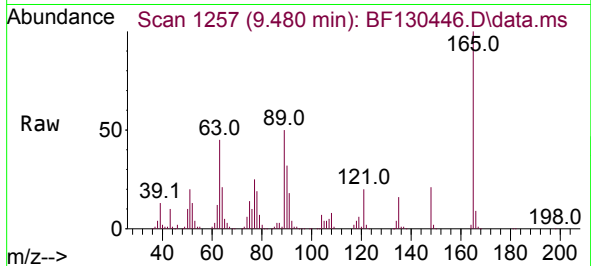
Tgt Ion:163 Resp: 696156
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 48.166 ng
RT: 9.480 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

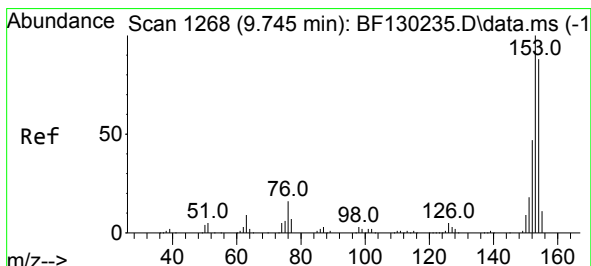
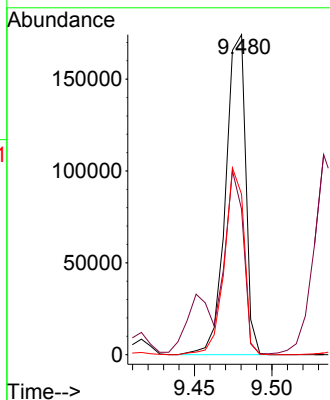
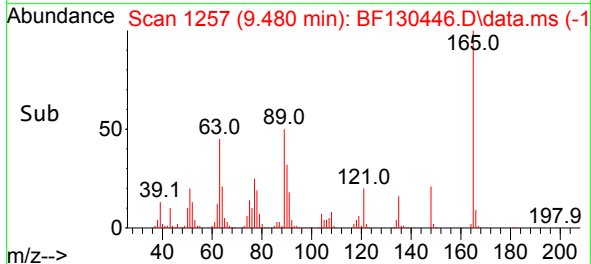
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



Tgt Ion:165 Resp: 157129
Ion Ratio Lower Upper
165 100
63 45.4 58.8 88.2
89 50.1 54.5 81.7

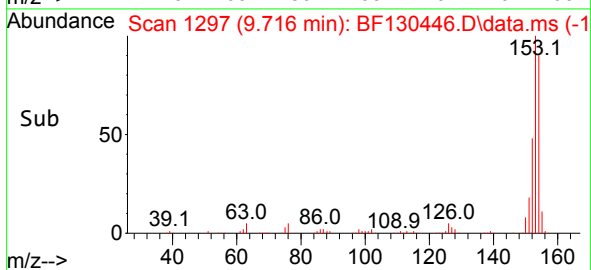
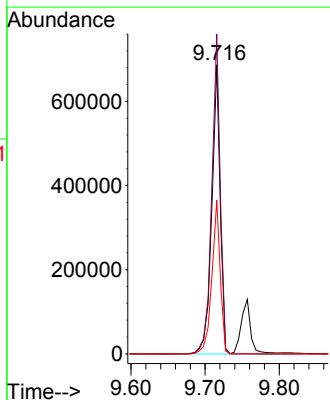
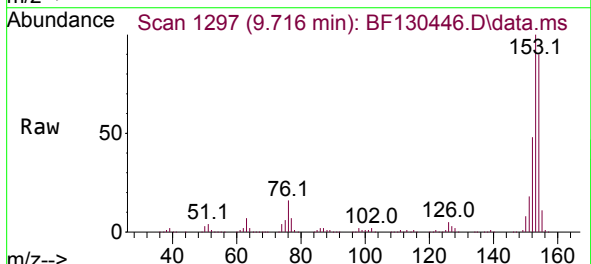
Manual Integrations
APPROVED

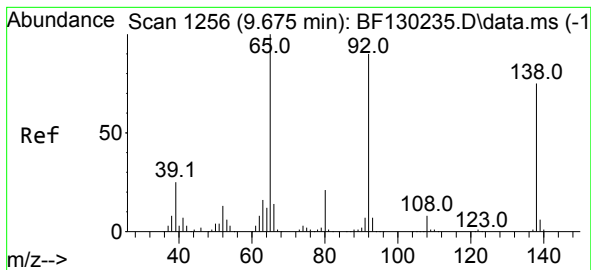
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#52
Acenaphthene
Concen: 48.929 ng m
RT: 9.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

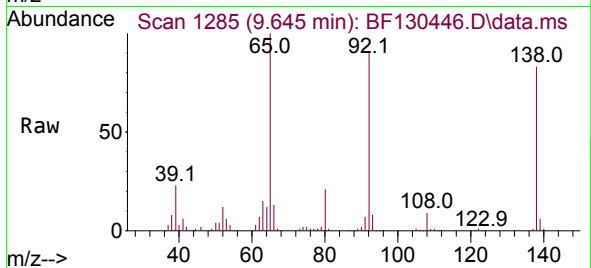
Tgt Ion:154 Resp: 657595
Ion Ratio Lower Upper
154 100
153 110.7 90.6 136.0
152 53.3 43.8 65.6





#53
3-Nitroaniline
Concen: 32.733 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

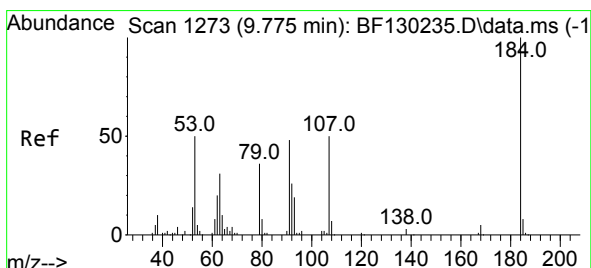
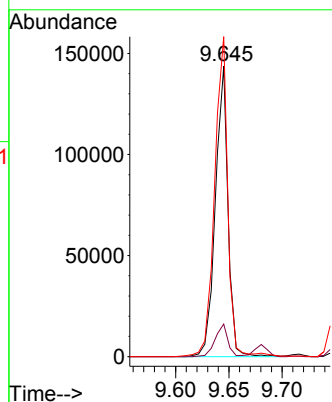
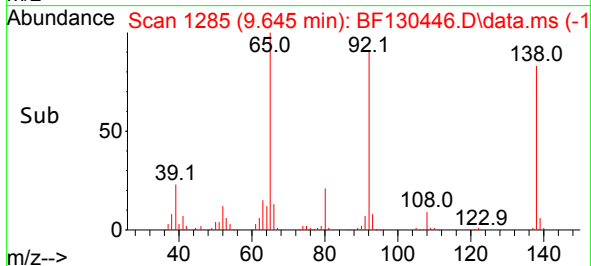
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



Tgt Ion:138 Resp: 118985
Ion Ratio Lower Upper
138 100
108 11.2 9.2 13.8
92 110.2 99.2 148.8

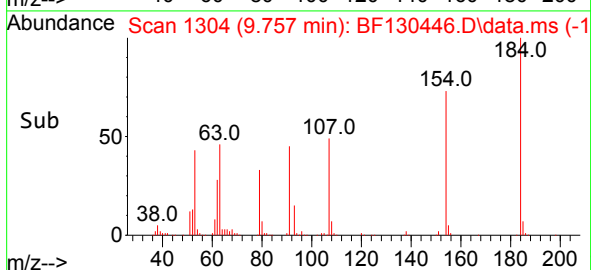
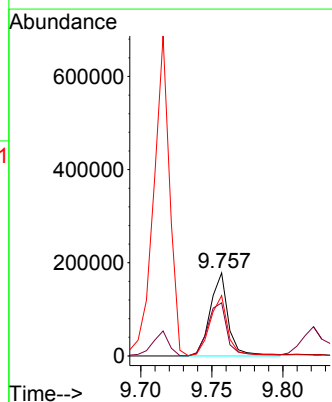
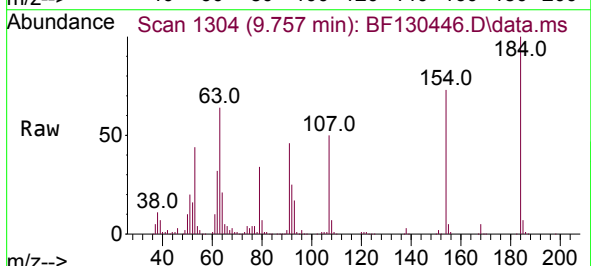
Manual Integrations
APPROVED

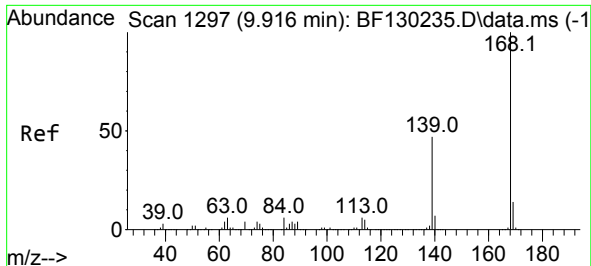
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#54
2,4-Dinitrophenol
Concen: 88.159 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Tgt Ion:184 Resp: 157233
Ion Ratio Lower Upper
184 100
63 64.0 70.0 105.0#
154 72.7 63.0 94.6





#55
Dibenzenofuran
Concen: 44.396 ng
RT: 9.886 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

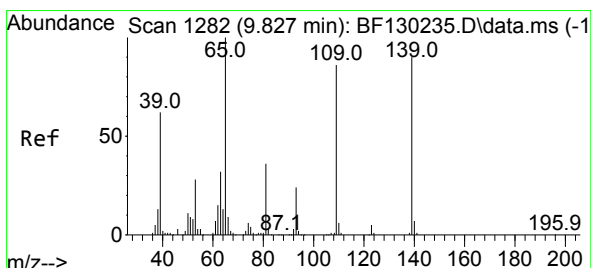
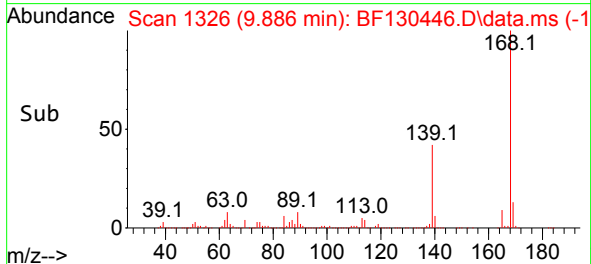
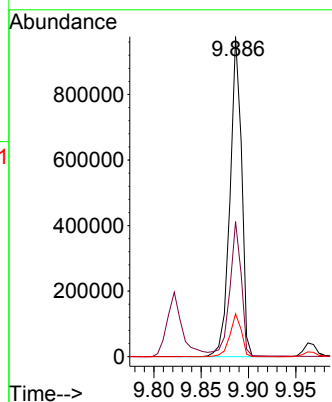
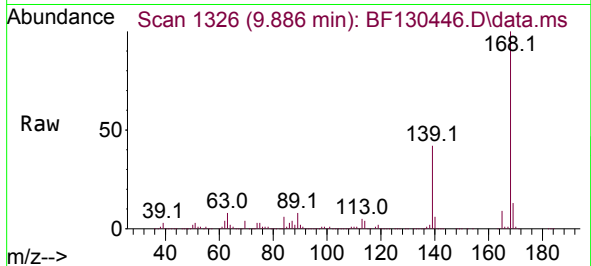
PB147926BSD

Tgt Ion:168 Resp: 829919
Ion Ratio Lower Upper
168 100
139 42.2 35.0 52.4
169 13.4 10.9 16.3

Manual Integrations

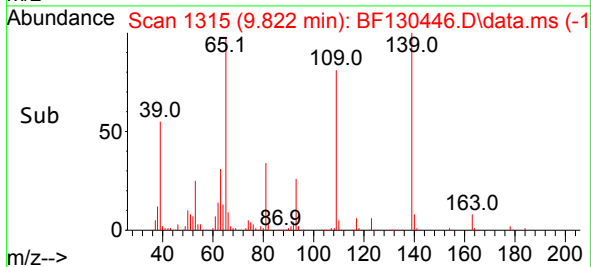
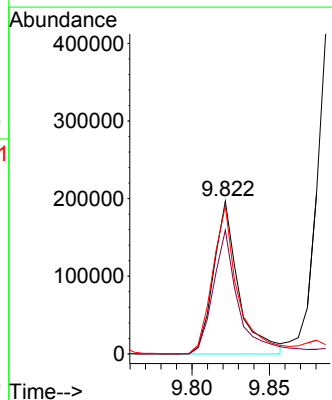
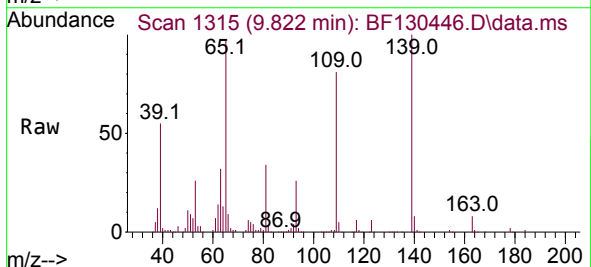
APPROVED

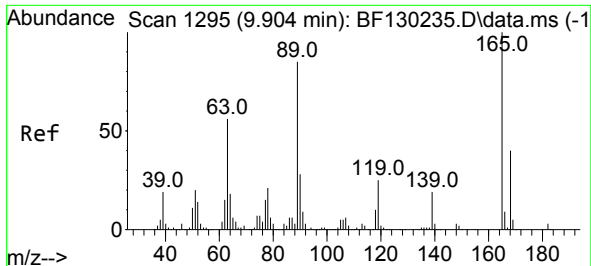
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#56
4-Nitrophenol
Concen: 83.289 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.012 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

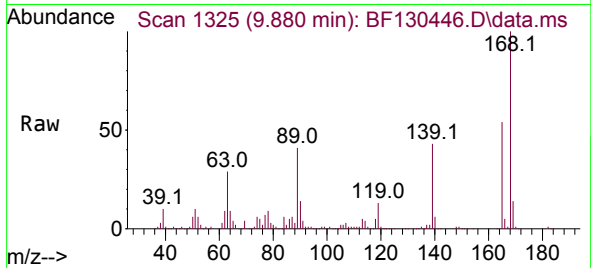
Tgt Ion:139 Resp: 220514
Ion Ratio Lower Upper
139 100
109 81.1 72.2 112.2
65 96.9 97.7 137.7#





#57
2,4-Dinitrotoluene
Concen: 48.996 ng
RT: 9.880 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

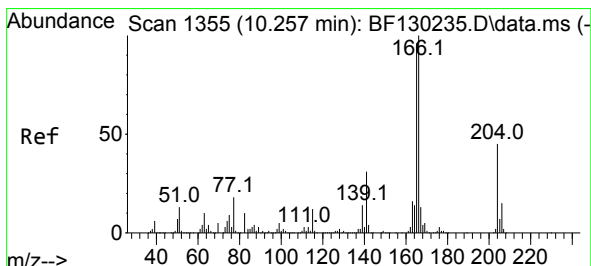
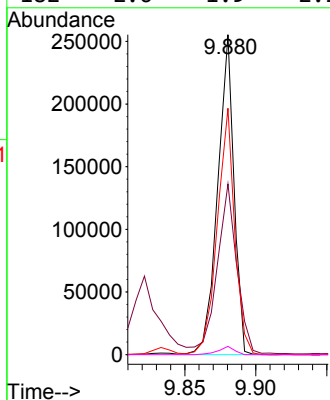
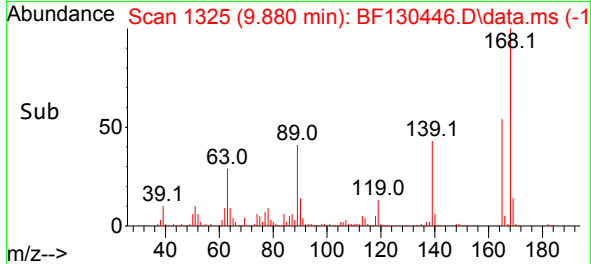
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



Tgt Ion:165 Resp: 204272
Ion Ratio Lower Upper
165 100
63 53.3 44.7 67.1
89 77.0 69.0 103.4
182 2.6 1.9 2.9

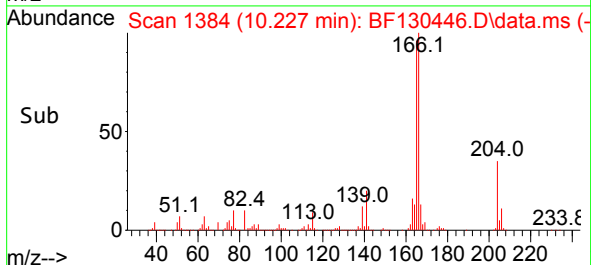
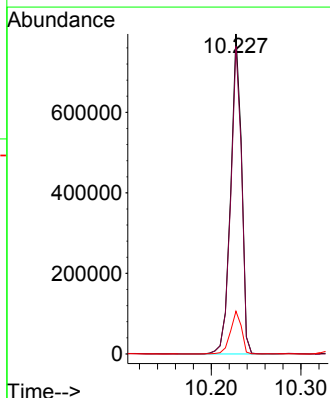
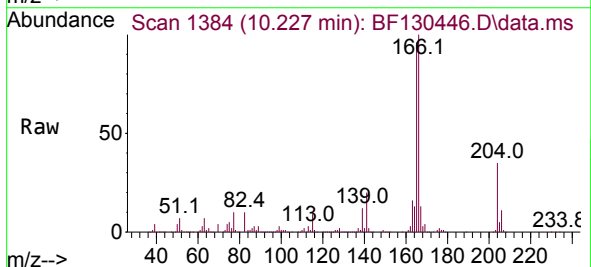
Manual Integrations
APPROVED

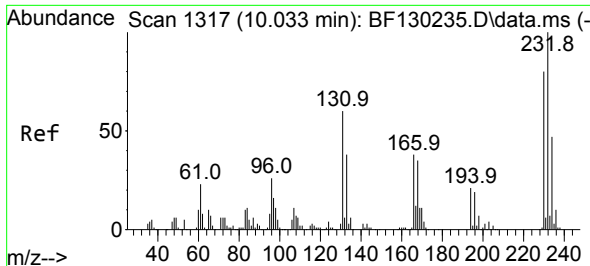
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#58
Fluorene
Concen: 44.050 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

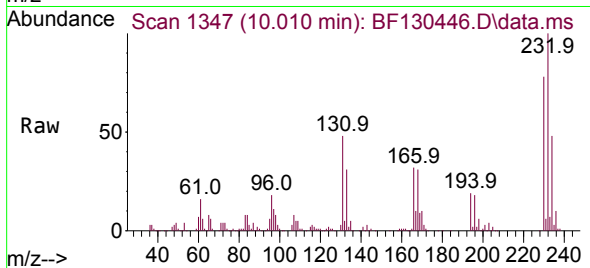
Tgt Ion:166 Resp: 673436
Ion Ratio Lower Upper
166 100
165 96.1 78.8 118.2
167 13.3 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.041 ng
RT: 10.010 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

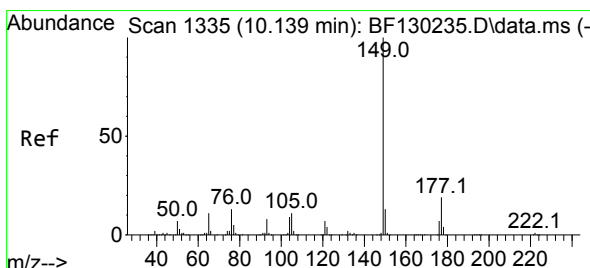
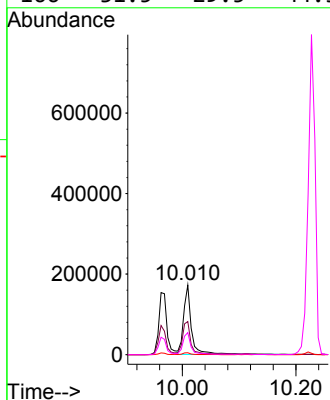
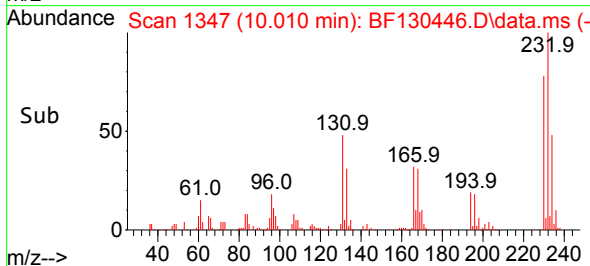
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



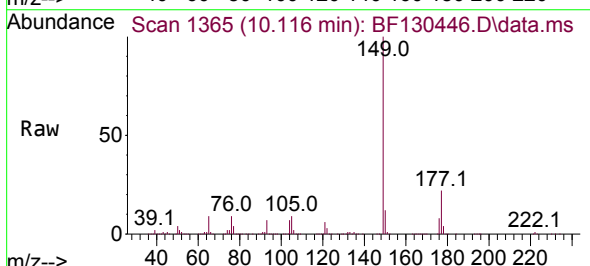
Tgt Ion:232 Resp: 167255
Ion Ratio Lower Upper
232 100
131 51.9 46.4 69.6
130 2.8 2.3 3.5
166 31.5 29.5 44.3

Manual Integrations
APPROVED

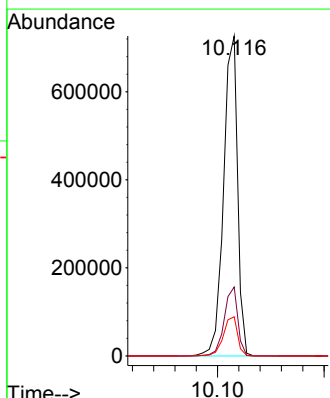
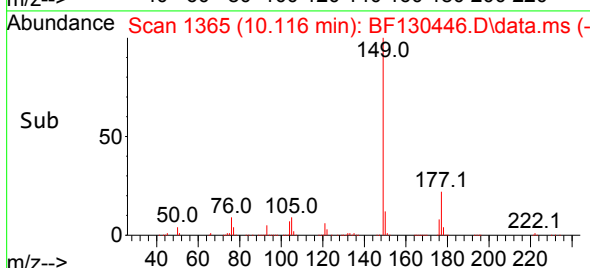
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

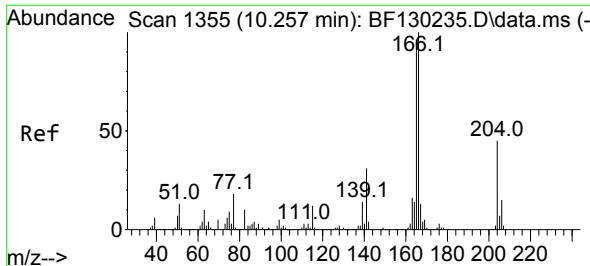


#60
Diethylphthalate
Concen: 42.529 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49



Tgt Ion:149 Resp: 665248
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.2 9.9 14.9





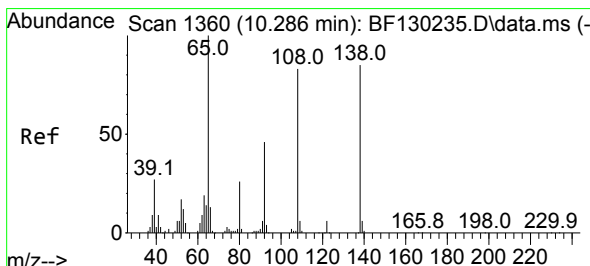
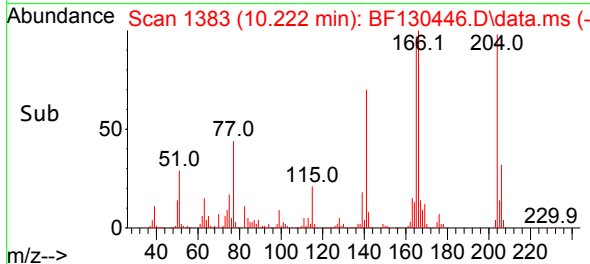
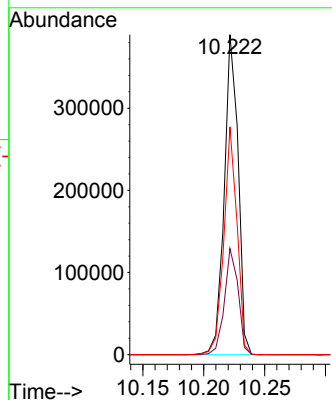
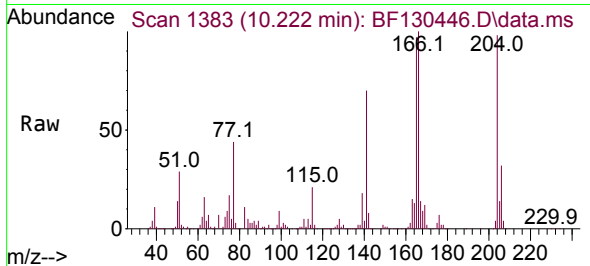
#61
4-Chlorophenyl-phenylether
Concen: 45.852 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147926BSD

Tgt Ion:204 Resp: 30750
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 71.2 57.1 85.7

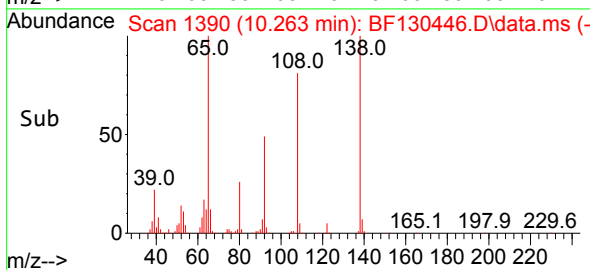
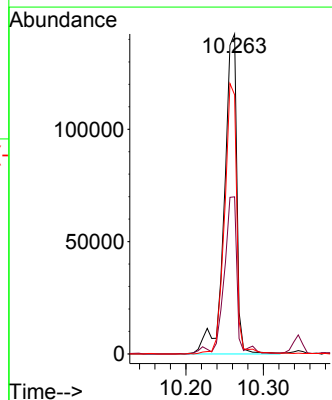
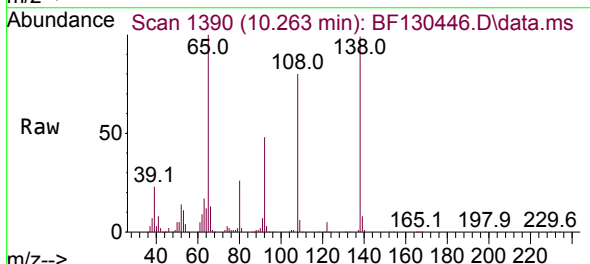
Manual Integrations
APPROVED

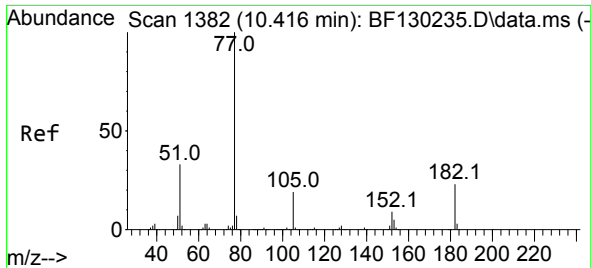
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#62
4-Nitroaniline
Concen: 43.820 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.012 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

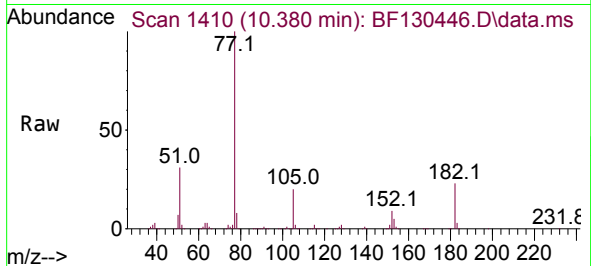
Tgt Ion:138 Resp: 160017
Ion Ratio Lower Upper
138 100
92 49.1 36.7 76.7
108 81.0 78.2 118.2





#63
Azobenzene
Concen: 38.032 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

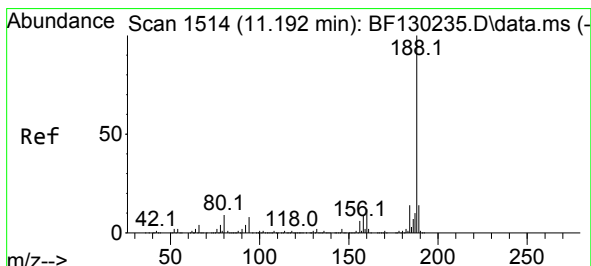
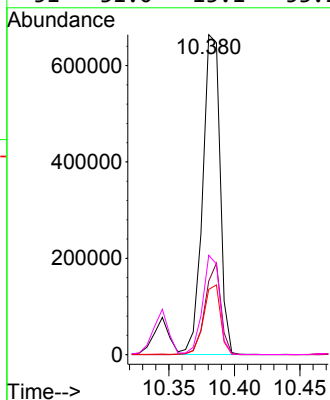
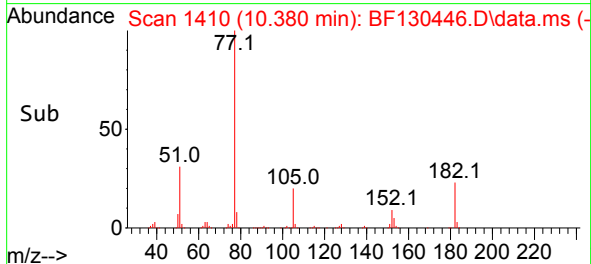
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



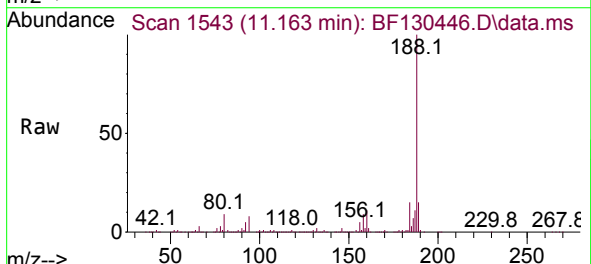
Tgt Ion: 77 Resp: 612580
Ion Ratio Lower Upper
77 100
182 23.0 2.1 42.1
105 20.4 0.0 39.4
51 31.0 13.1 53.1

Manual Integrations
APPROVED

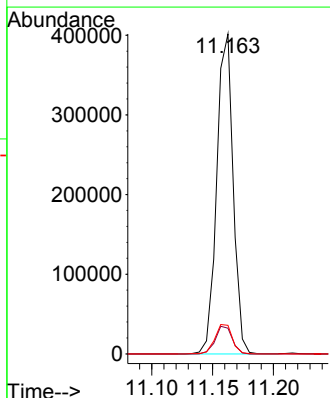
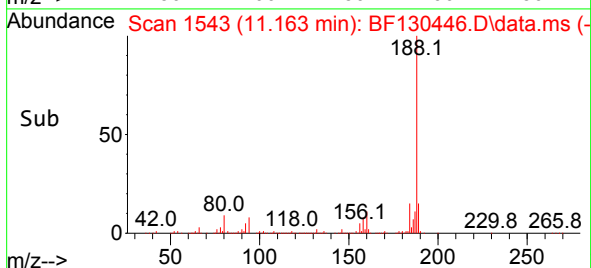
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

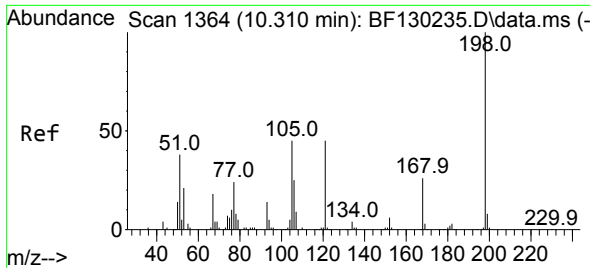


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49



Tgt Ion:188 Resp: 376496
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.9 7.9 11.9





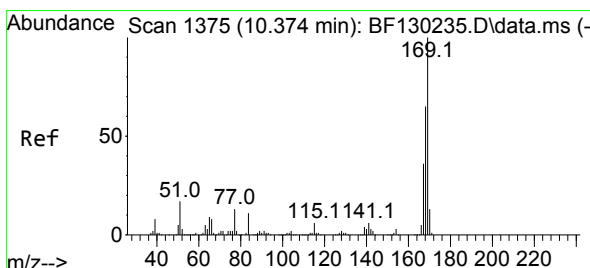
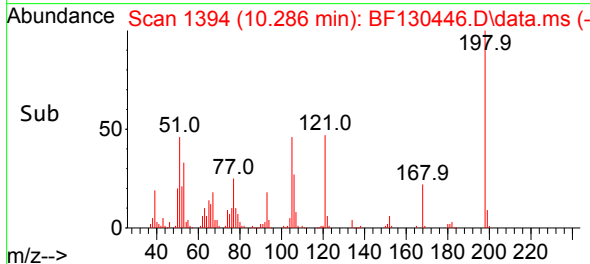
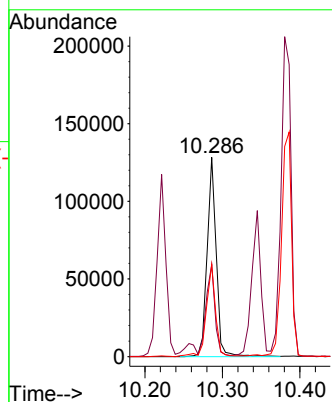
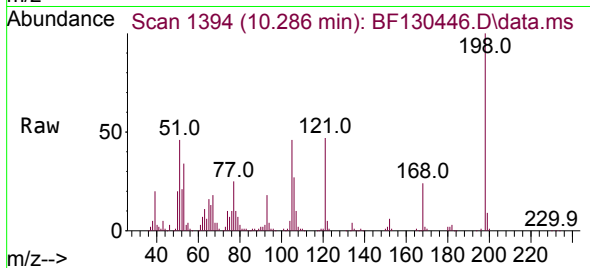
#65
4,6-Dinitro-2-methylphenol
Concen: 50.043 ng
RT: 10.286 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147926BSD

Tgt Ion:198 Resp: 104881
Ion Ratio Lower Upper
198 100
51 46.2 36.9 76.9
105 46.2 33.0 73.0

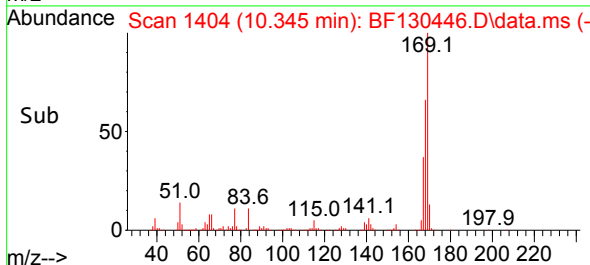
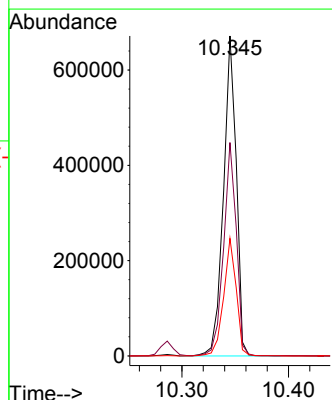
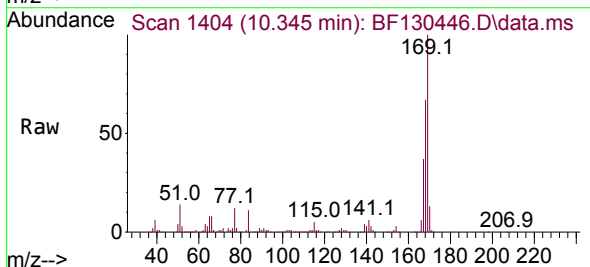
Manual Integrations
APPROVED

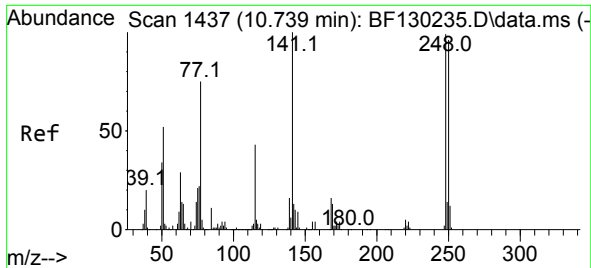
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#66
n-Nitrosodiphenylamine
Concen: 44.707 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Tgt Ion:169 Resp: 562473
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.7 29.2 43.8





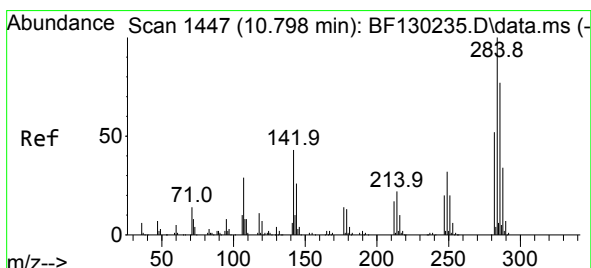
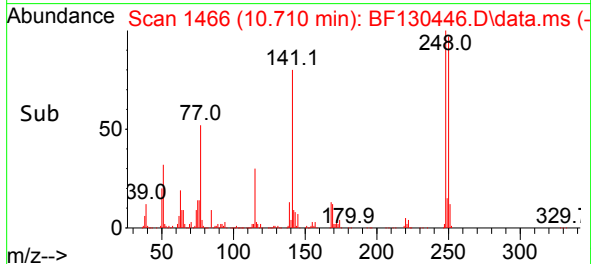
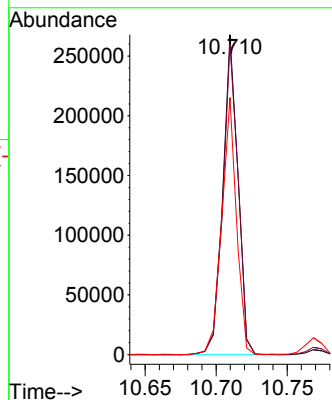
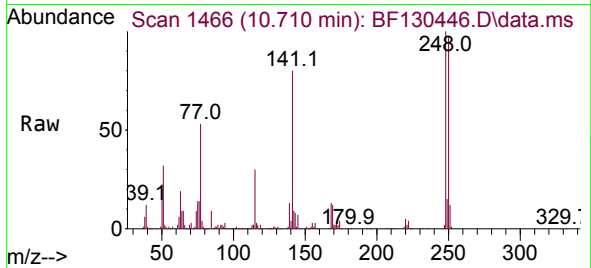
#67
4-Bromophenyl-phenylether
Concen: 47.998 ng
RT: 10.710 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147926BSD

Tgt Ion:248 Resp: 199353
Ion Ratio Lower Upper
248 100
250 97.0 80.0 120.0
141 80.3 68.5 102.7

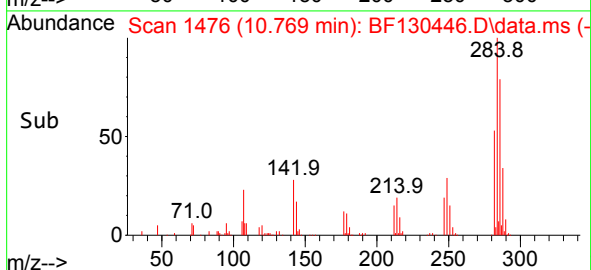
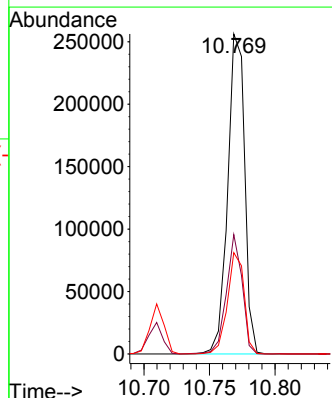
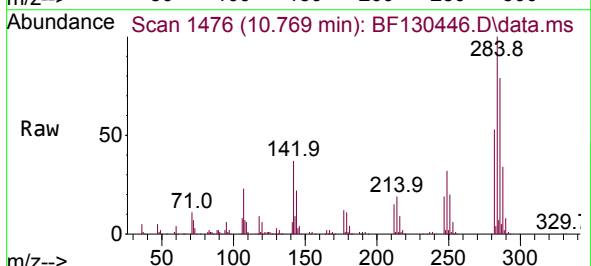
Manual Integrations
APPROVED

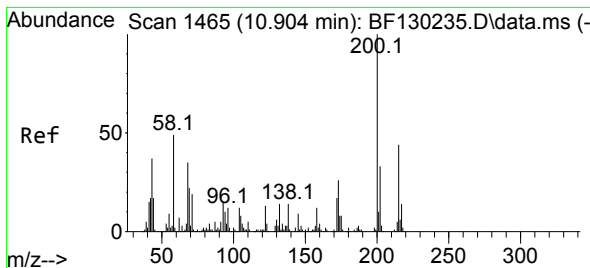
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#68
Hexachlorobenzene
Concen: 49.144 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Tgt Ion:284 Resp: 231377
Ion Ratio Lower Upper
284 100
142 37.3 27.2 40.8
249 31.6 23.8 35.8





#69

Atrazine

Concen: 50.385 ng

RT: 10.880 min Scan# 1465

Delta R.T. 0.006 min

Lab File: BF130446.D

Acq: 28 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

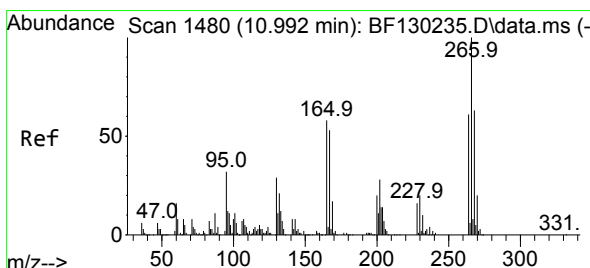
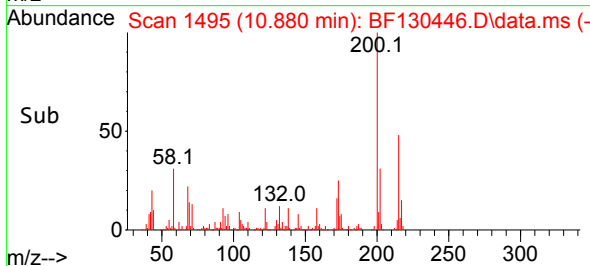
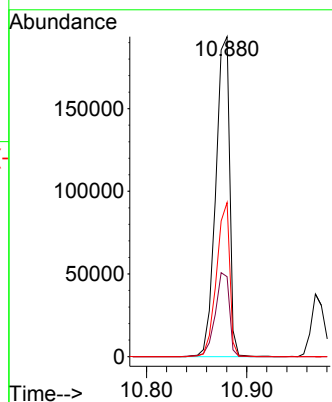
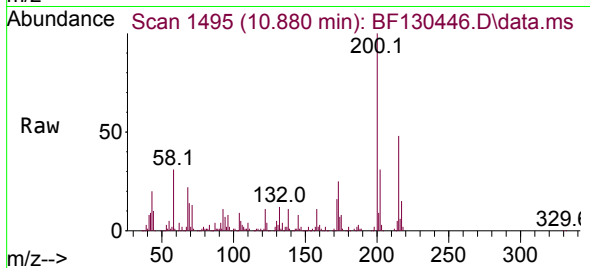
PB147926BSD

Tgt Ion:200 Resp: 185254
 Ion Ratio Lower Upper
 200 100
 173 25.0 6.2 46.2
 215 48.1 22.5 62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#70

Pentachlorophenol

Concen: 86.135 ng

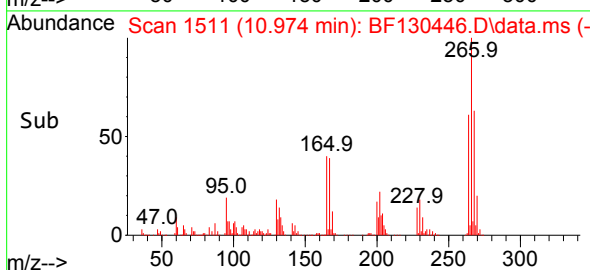
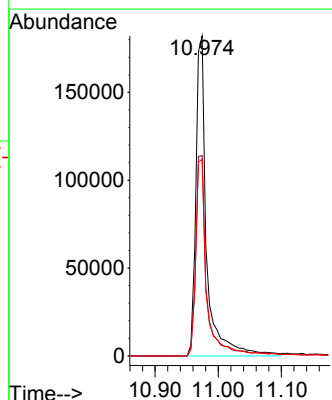
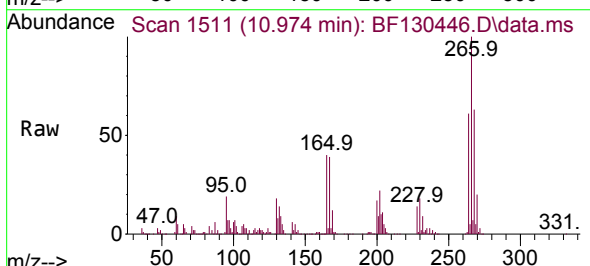
RT: 10.974 min Scan# 1511

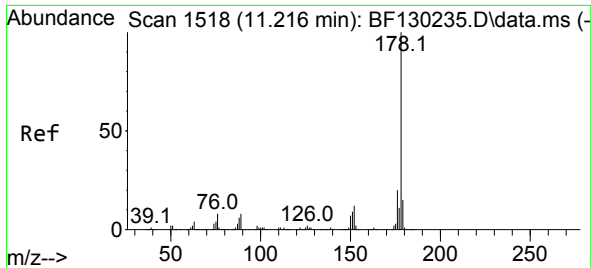
Delta R.T. 0.006 min

Lab File: BF130446.D

Acq: 28 Sep 2022 13:49

Tgt Ion:266 Resp: 217644
 Ion Ratio Lower Upper
 266 100
 268 62.6 50.5 75.7
 264 61.4 50.5 75.7





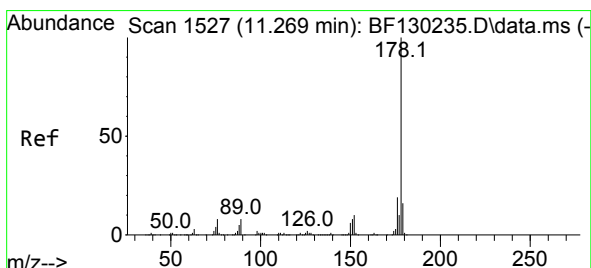
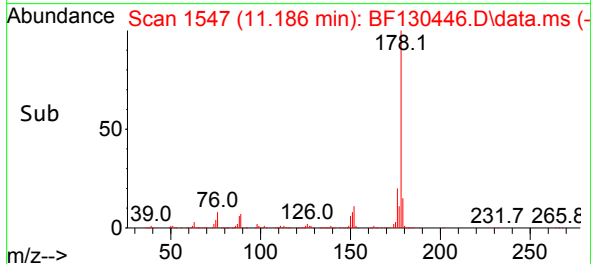
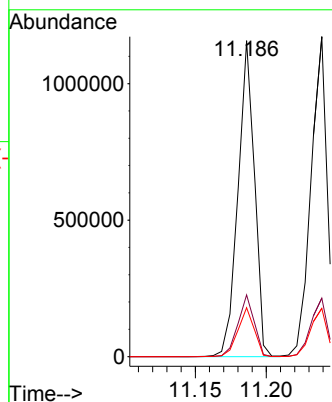
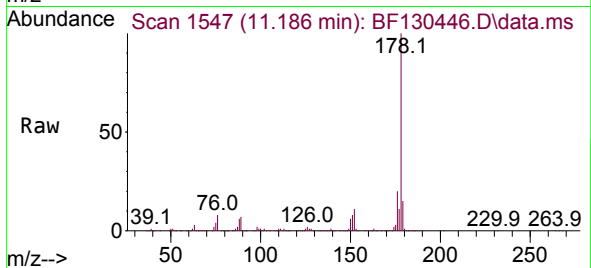
#71
Phenanthrene
Concen: 44.064 ng
RT: 11.186 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147926BSD

Tgt Ion:178 Resp: 931428
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.5 12.4 18.6

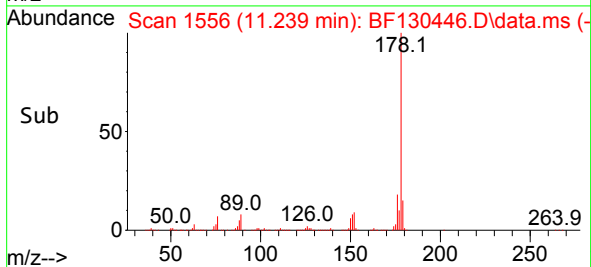
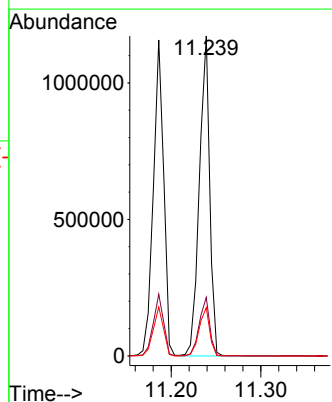
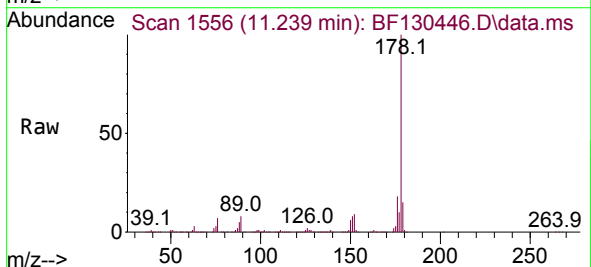
Manual Integrations
APPROVED

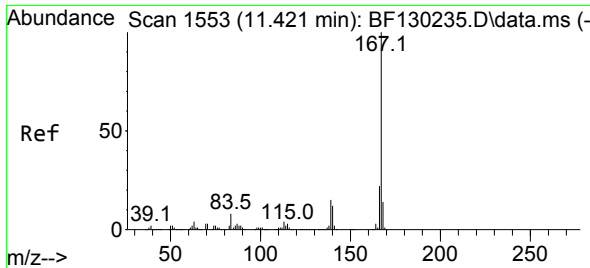
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#72
Anthracene
Concen: 46.042 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

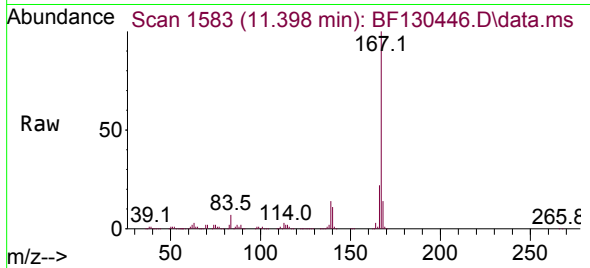
Tgt Ion:178 Resp: 939188
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.1 12.7 19.1





#73
Carbazole
Concen: 46.631 ng
RT: 11.398 min Scan# 1553
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

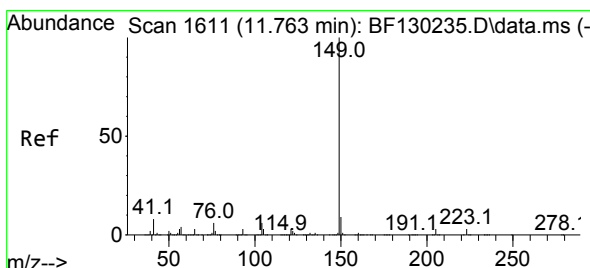
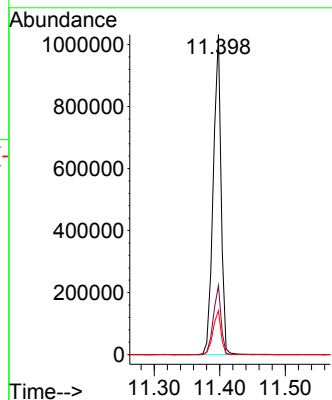
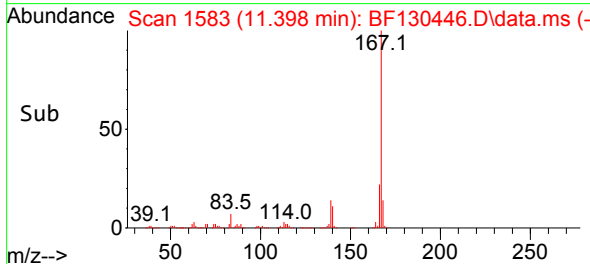
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



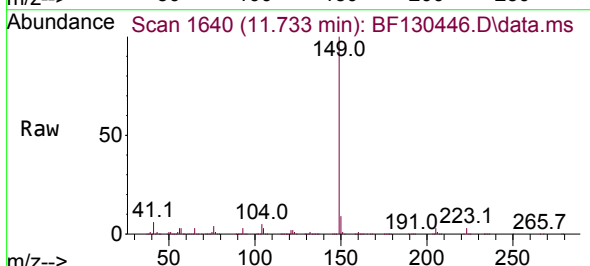
Tgt Ion:167 Resp: 858463
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.2
139 13.7 11.6 17.4

Manual Integrations
APPROVED

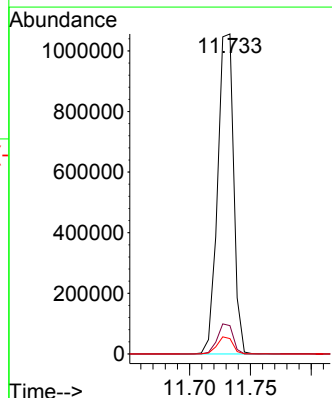
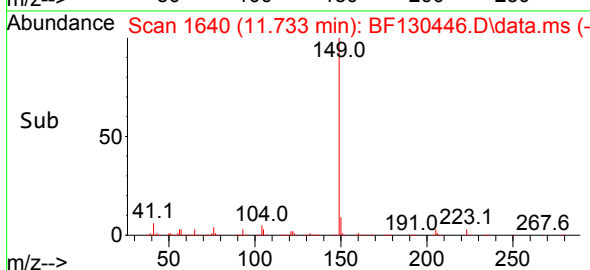
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

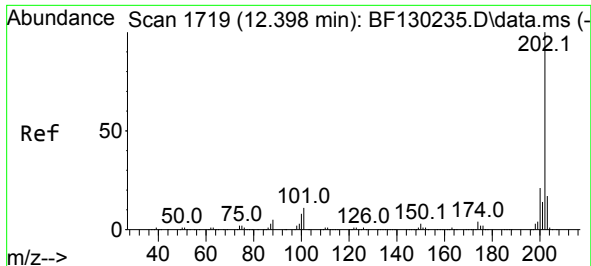


#74
Di-n-butylphthalate
Concen: 43.484 ng
RT: 11.733 min Scan# 1640
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49



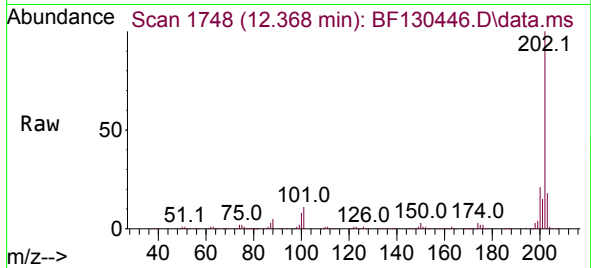
Tgt Ion:149 Resp: 965329
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.2
104 4.8 4.8 7.2#





#75
Fluoranthene
Concen: 46.119 ng
RT: 12.368 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

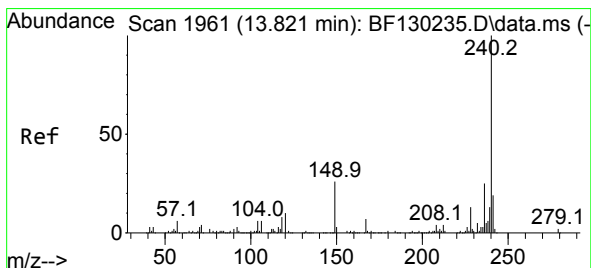
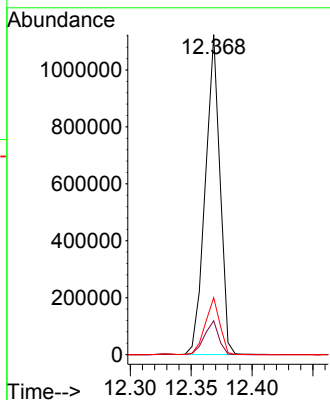
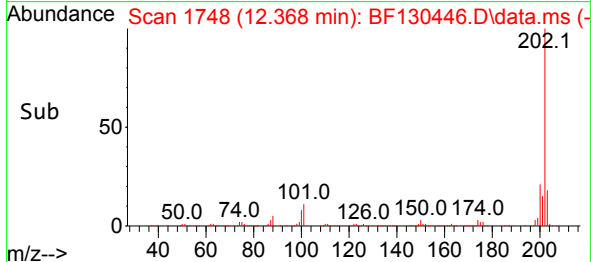
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



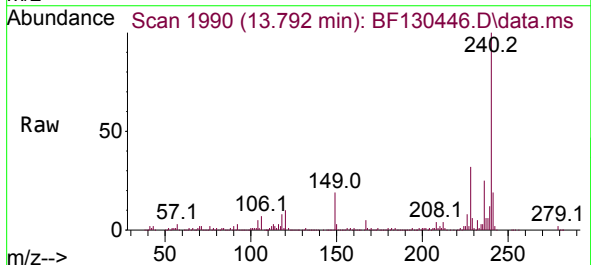
Tgt Ion:202 Resp: 942000
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.8
203 17.8 0.0 37.8

Manual Integrations
APPROVED

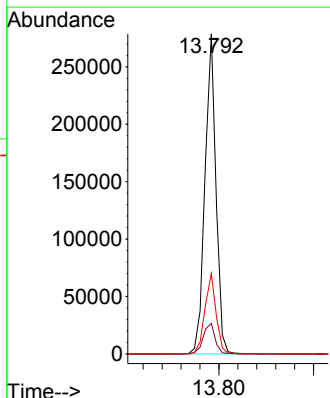
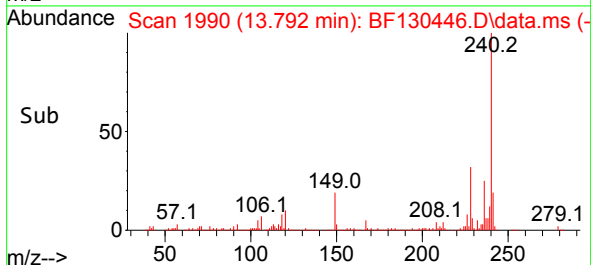
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

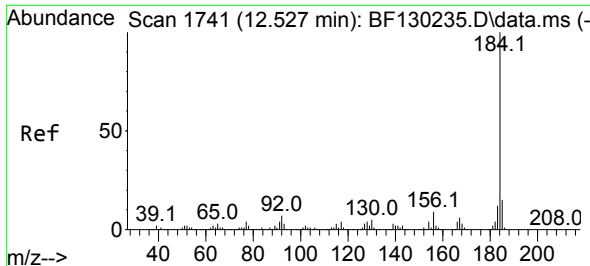


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.792 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49



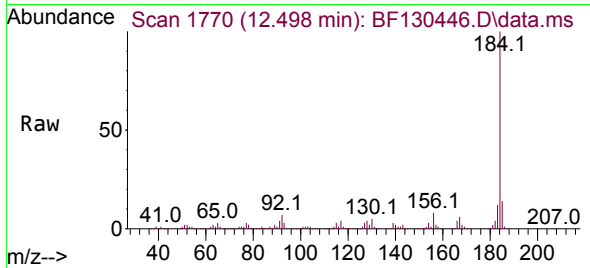
Tgt Ion:240 Resp: 225092
Ion Ratio Lower Upper
240 100
120 9.5 8.7 13.1
236 25.1 20.9 31.3





#77
Benzidine
Concen: 55.767 ng
RT: 12.498 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

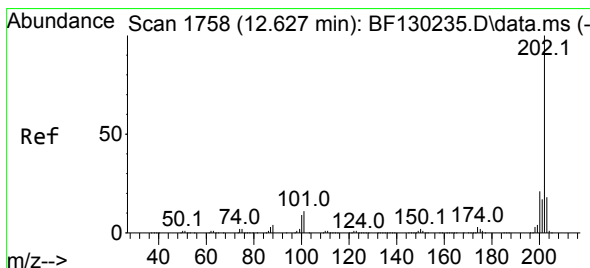
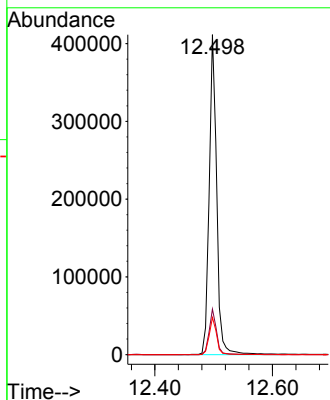
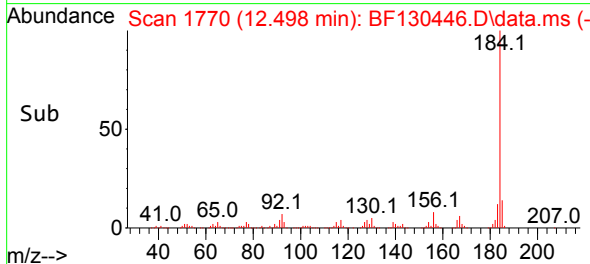
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



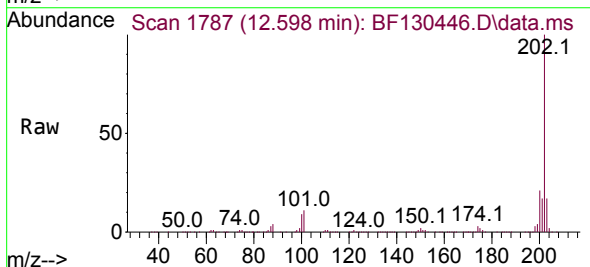
Tgt Ion:184 Resp: 364393
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 11.6 9.1 13.7

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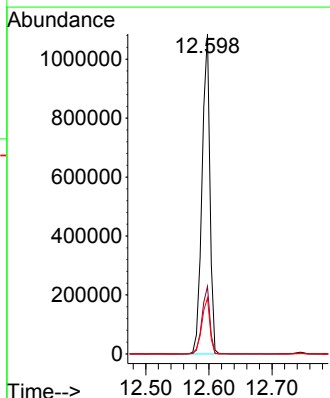
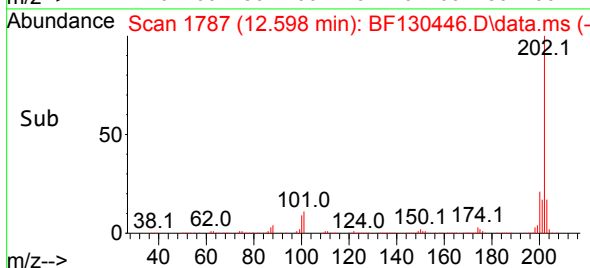
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

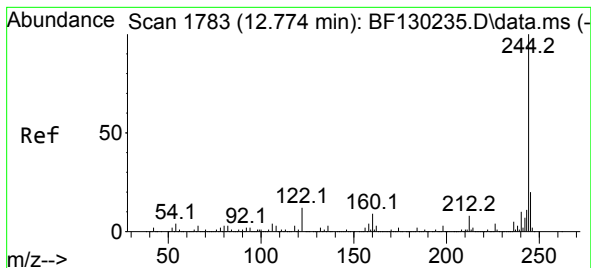


#78
Pyrene
Concen: 47.492 ng
RT: 12.598 min Scan# 1787
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49



Tgt Ion:202 Resp: 935182
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 97.700 ng

RT: 12.745 min Scan# 1812

Delta R.T. -0.000 min

Lab File: BF130446.D

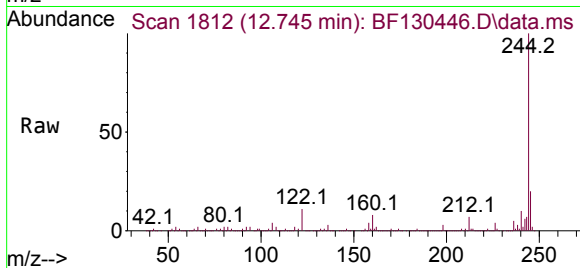
Acq: 28 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147926BSD



Tgt Ion:244 Resp: 1327595

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

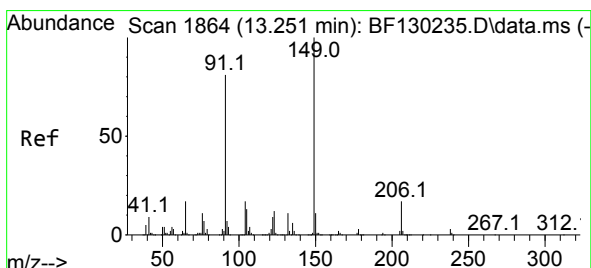
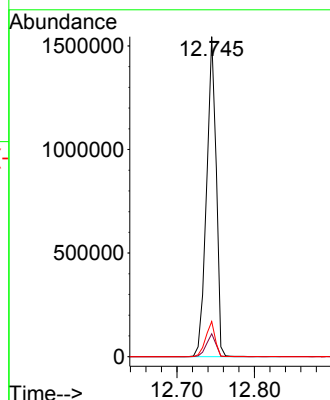
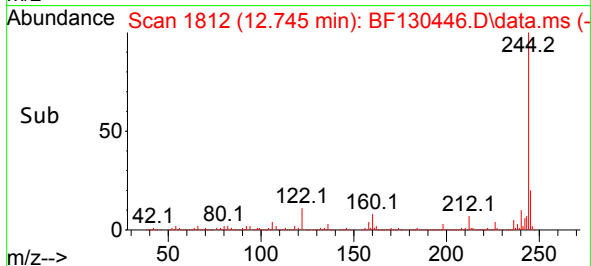
122 11.0 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#80

Butylbenzylphthalate

Concen: 47.479 ng

RT: 13.221 min Scan# 1893

Delta R.T. -0.000 min

Lab File: BF130446.D

Acq: 28 Sep 2022 13:49

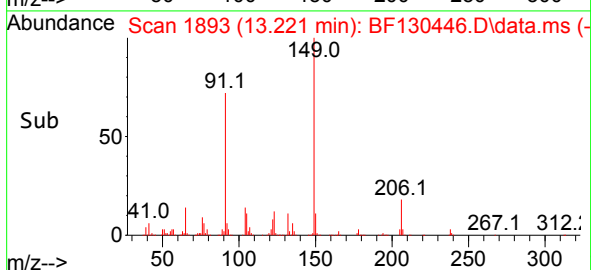
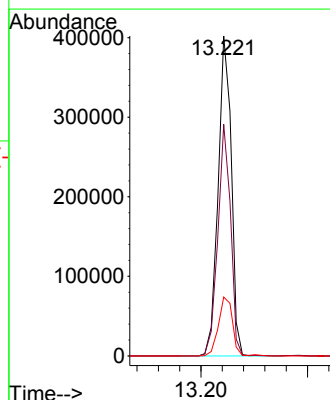
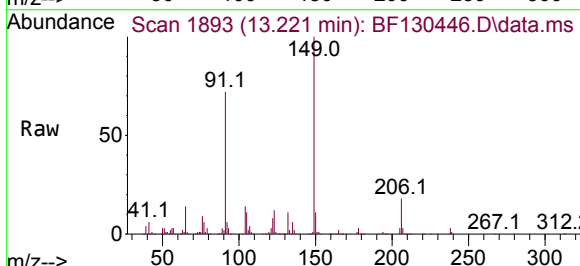
Tgt Ion:149 Resp: 346349

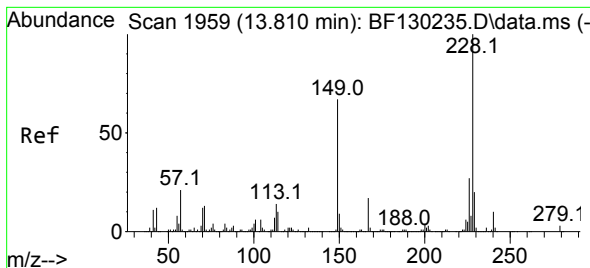
Ion Ratio Lower Upper

149 100

91 72.4 59.8 89.8

206 18.4 13.9 20.9





#81

Benzo(a)anthracene

Concen: 45.374 ng

RT: 13.780 min Scan# 1959

Delta R.T. -0.000 min

Lab File: BF130446.D

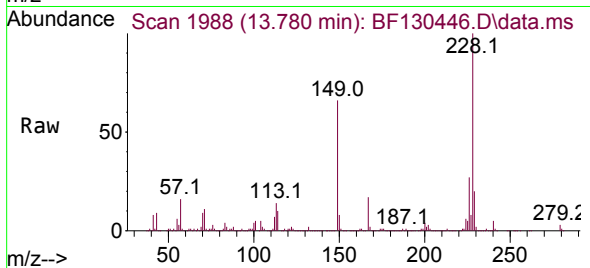
Acq: 28 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147926BSD



Tgt Ion:228 Resp: 67944

Ion Ratio Lower Upper

228 100

226 26.9 21.9 32.9

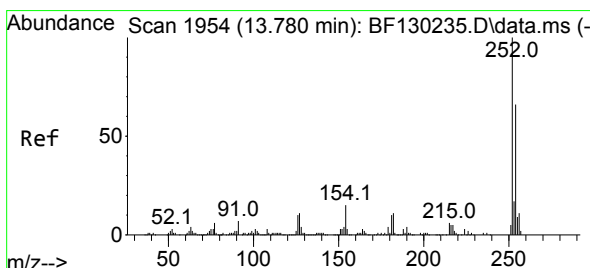
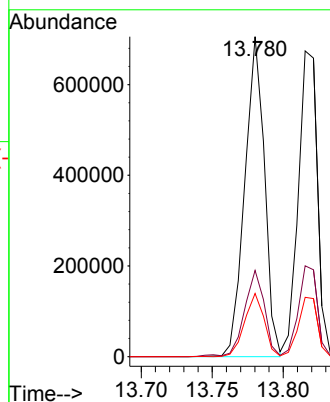
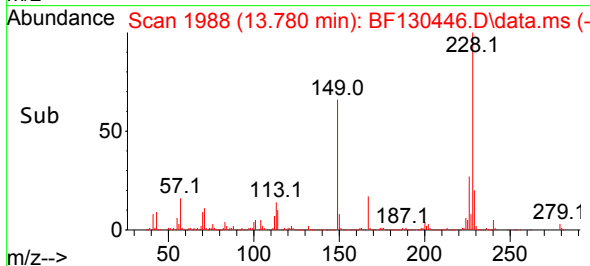
229 19.7 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#82

3,3'-Dichlorobenzidine

Concen: 46.828 ng

RT: 13.751 min Scan# 1983

Delta R.T. -0.000 min

Lab File: BF130446.D

Acq: 28 Sep 2022 13:49

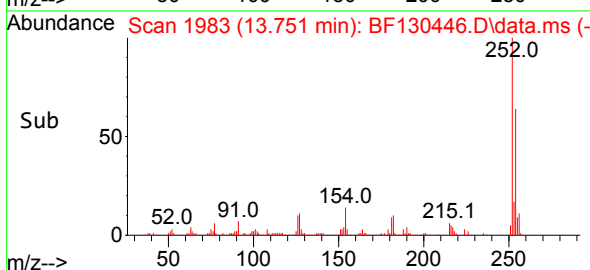
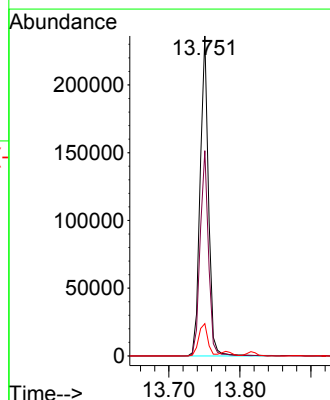
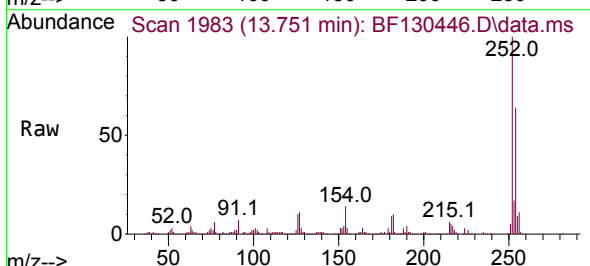
Tgt Ion:252 Resp: 190879

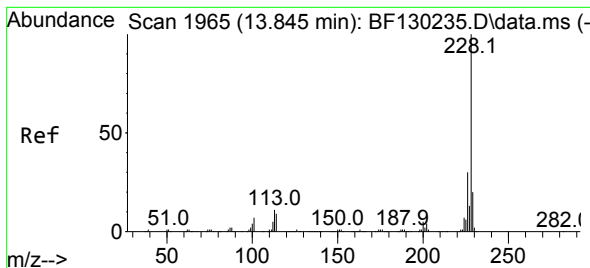
Ion Ratio Lower Upper

252 100

254 64.1 51.1 76.7

126 10.1 10.4 15.6#





#83

Chrysene

Concen: 44.565 ng

RT: 13.815 min Scan# 19

Delta R.T. -0.000 min

Lab File: BF130446.D

Acq: 28 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147926BSD

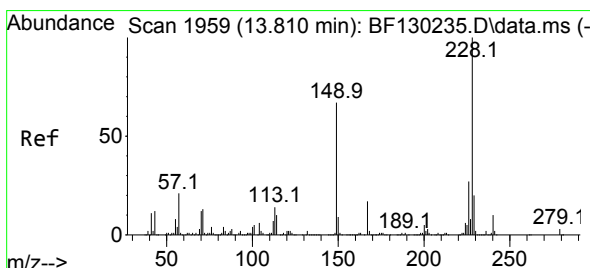
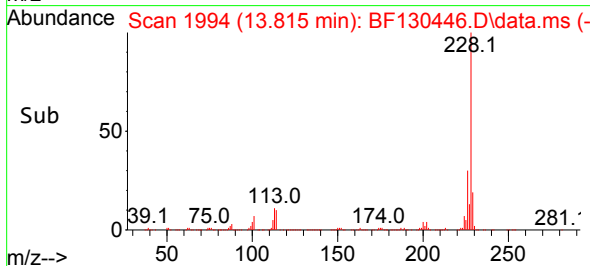
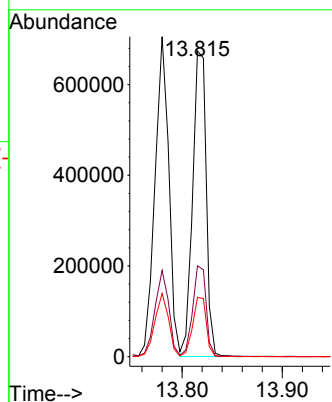
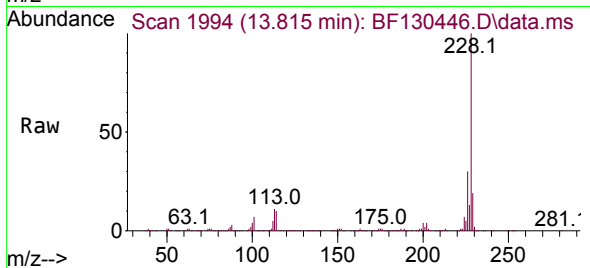
Tgt Ion:228 Resp: 633632

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	19.4	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.750 ng

RT: 13.780 min Scan# 1988

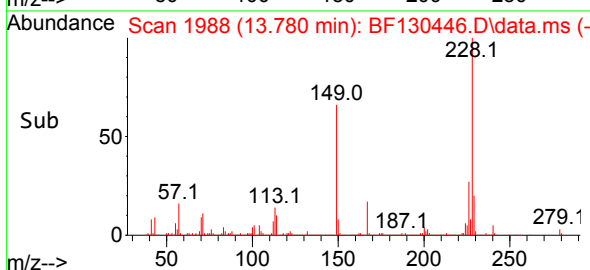
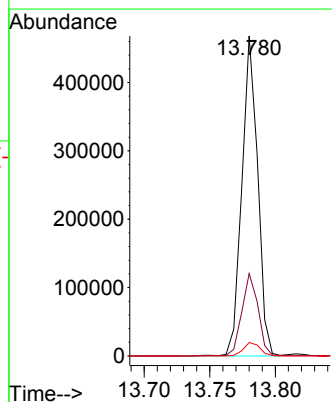
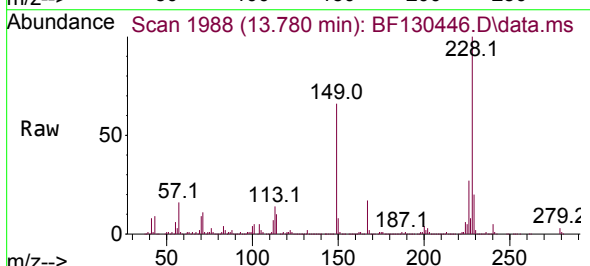
Delta R.T. -0.000 min

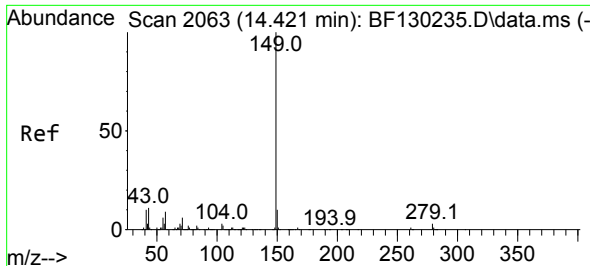
Lab File: BF130446.D

Acq: 28 Sep 2022 13:49

Tgt Ion:149 Resp: 390627

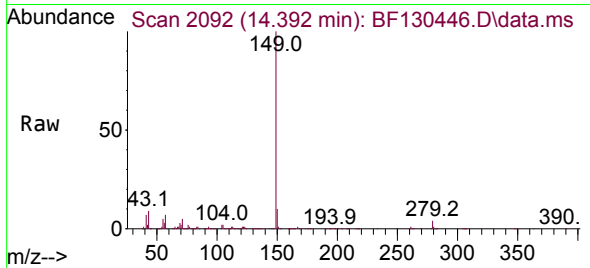
Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.5	30.7
279	4.2	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 41.250 ng
RT: 14.392 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

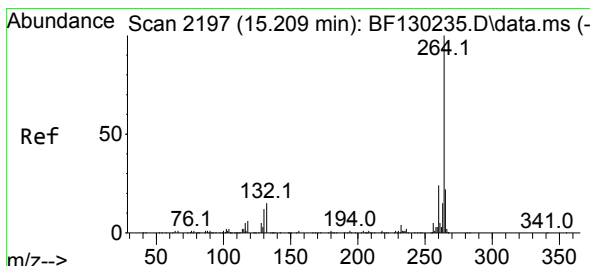
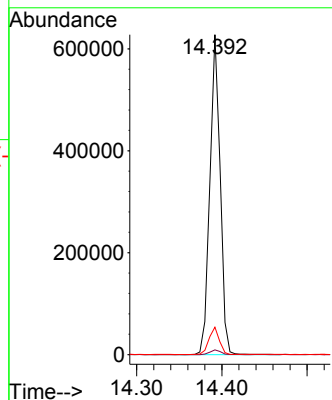
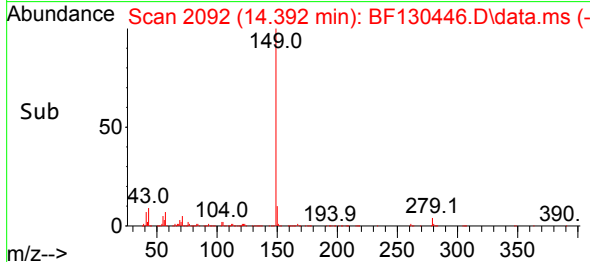
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



Tgt Ion:149 Resp: 527175
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.5 8.7 13.1

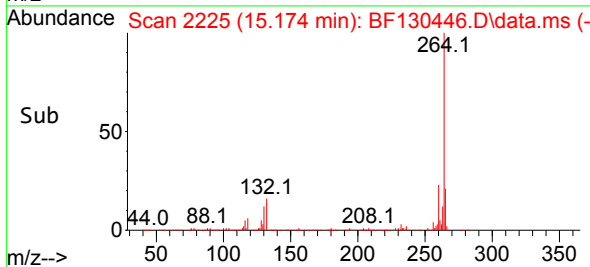
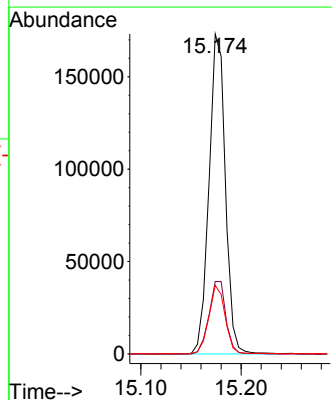
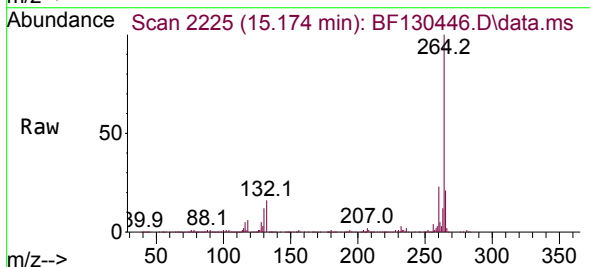
Manual Integrations
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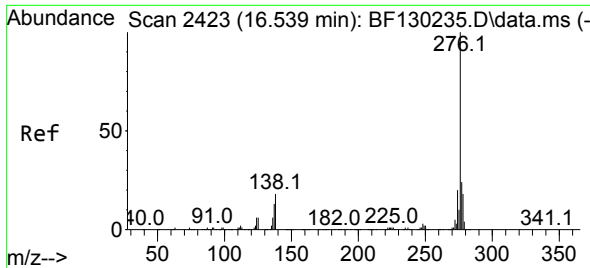
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.174 min Scan# 2225
Delta R.T. -0.000 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

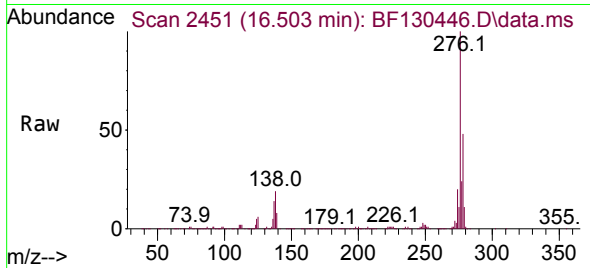
Tgt Ion:264 Resp: 195476
Ion Ratio Lower Upper
264 100
260 22.6 19.3 28.9
265 21.4 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.503 ng
RT: 16.503 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

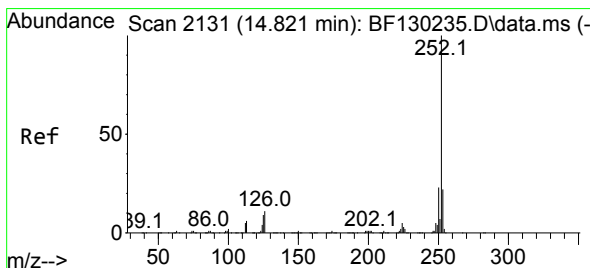
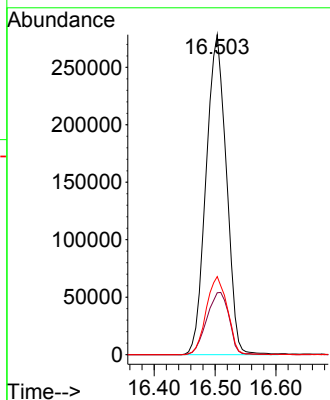
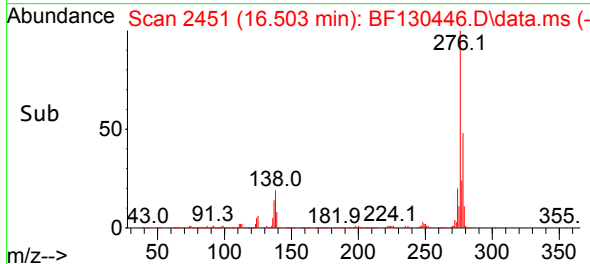
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



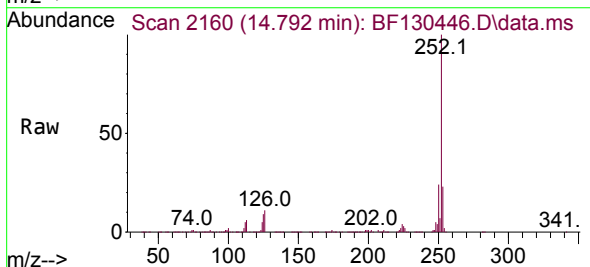
Tgt Ion:276 Resp: 644623
Ion Ratio Lower Upper
276 100
138 21.4 18.5 27.7
277 25.4 20.2 30.4

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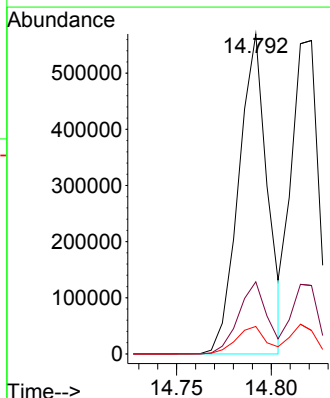
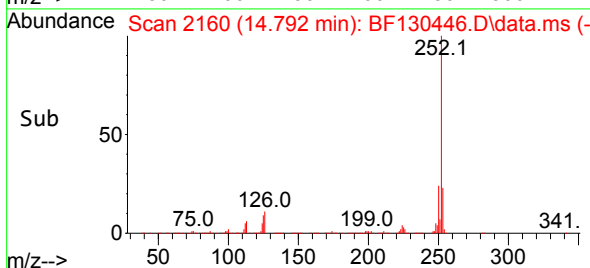
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

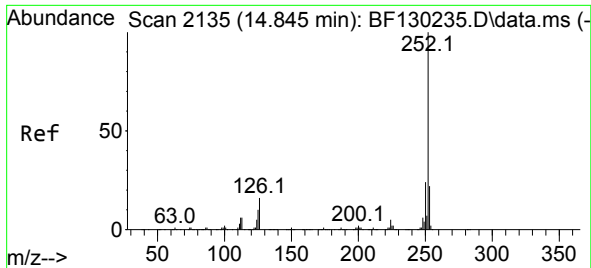


#88
Benzo(b)fluoranthene
Concen: 47.091 ng
RT: 14.792 min Scan# 2160
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49



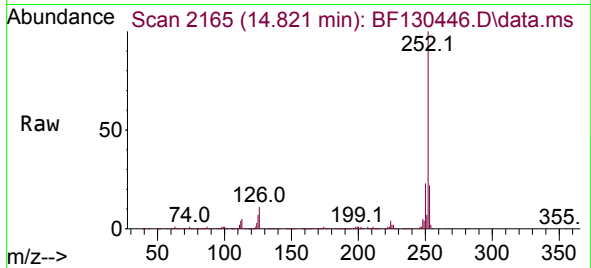
Tgt Ion:252 Resp: 600811
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 8.6 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 44.289 ng m
RT: 14.821 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

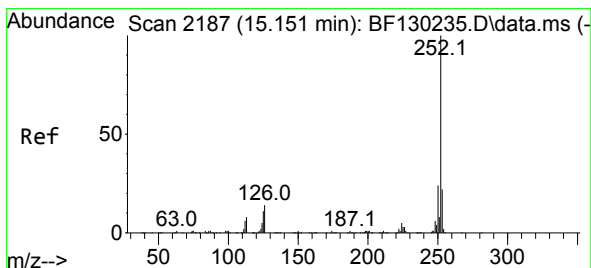
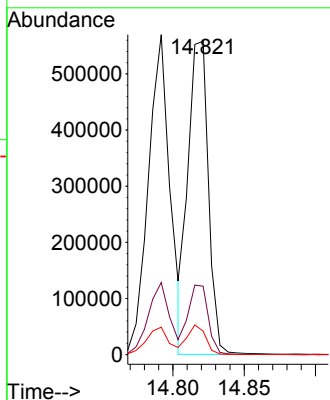
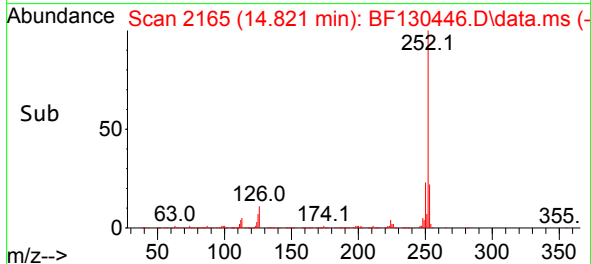
Instrument :
BNA_F
ClientSampleId :
PB147926BSD



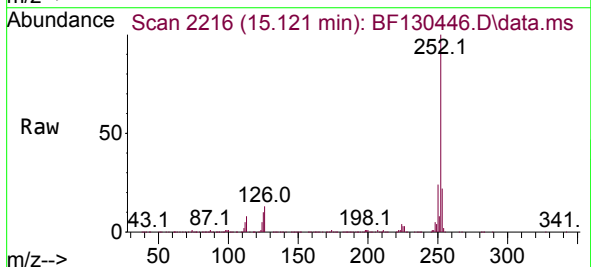
Tgt Ion:252 Resp: 555853
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 7.5 7.9 11.9

Manual Integrations
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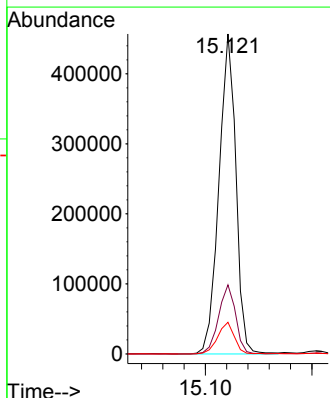
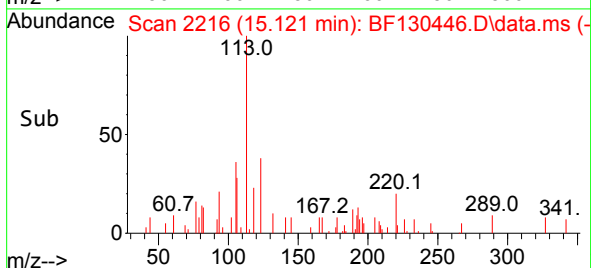
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

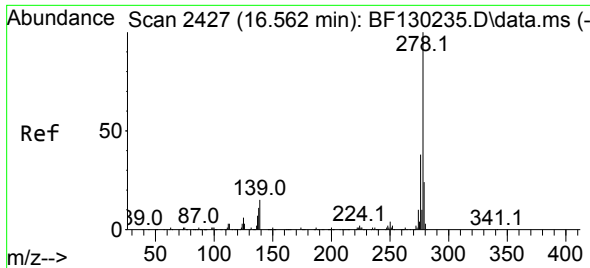


#90
Benzo(a)pyrene
Concen: 50.116 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.006 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49



Tgt Ion:252 Resp: 506566
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 9.9 9.0 13.6





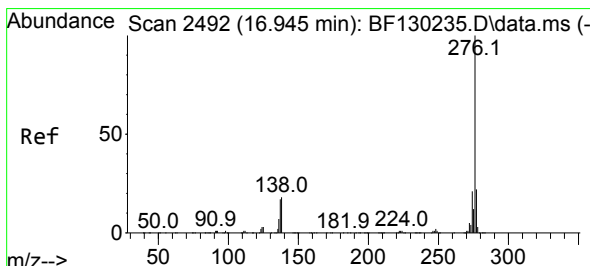
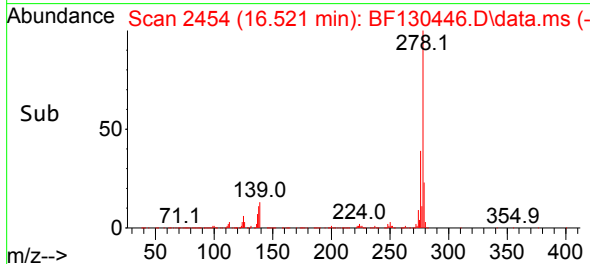
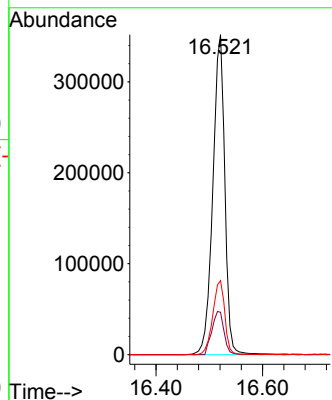
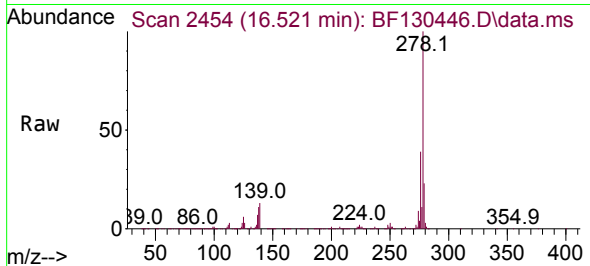
#91
Dibenzo(a,h)anthracene
Concen: 48.432 ng
RT: 16.521 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147926BSD

Tgt Ion:278 Resp: 550755
Ion Ratio Lower Upper
278 100
139 13.2 11.8 17.8
279 23.1 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#92
Benzo(g,h,i)perylene
Concen: 49.243 ng
RT: 16.903 min Scan# 2519
Delta R.T. 0.012 min
Lab File: BF130446.D
Acq: 28 Sep 2022 13:49

Tgt Ion:276 Resp: 564092
Ion Ratio Lower Upper
276 100
277 24.0 18.6 27.8
138 16.4 14.6 21.8

