

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
 Data File : BF130464.D
 Acq On : 29 Sep 2022 12:45
 Operator : CG\JU
 Sample : PB147960BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147960BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/30/2022
 Supervised By : Jagrut Upadhyay 09/30/2022

Quant Time: Sep 30 03:06:44 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	6.639	152	132533	20.000	ng	0.00
21) Naphthalene-d8	7.922	136	539754	20.000	ng	0.00
39) Acenaphthene-d10	9.675	164	286773	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	483383	20.000	ng	0.00
76) Chrysene-d12	13.786	240	285381	20.000	ng	0.00
86) Perylene-d12	15.174	264	244915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	1020197	133.514	ng	0.01
7) Phenol-d6	6.292	99	1255846	131.353	ng	0.00
23) Nitrobenzene-d5	7.216	82	792463	75.008	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	411539	149.769	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	1569105	79.677	ng	0.00
79) Terphenyl-d14	12.745	244	1620476	94.060	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.328	88	103203	29.409	ng	96
3) Pyridine	3.010	79	273962	29.927	ng	90
4) n-Nitrosodimethylamine	2.969	42	165714	33.283	ng	88
6) Aniline	6.304	93	465088	39.480	ng	# 26
8) 2-Chlorophenol	6.428	128	386698	44.426	ng	91
9) Benzaldehyde	6.187	77	213312	33.308	ng	94
10) Phenol	6.304	94	453200	40.449	ng	# 74
11) bis(2-Chloroethyl)ether	6.387	93	342353	42.362	ng	92
12) 1,3-Dichlorobenzene	6.581	146	413016m	43.123	ng	
13) 1,4-Dichlorobenzene	6.657	146	417274	42.723	ng	97
14) 1,2-Dichlorobenzene	6.810	146	400387	43.884	ng	96
15) Benzyl Alcohol	6.792	79	267236	35.254	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.928	45	416914	35.370	ng	89
17) 2-Methylphenol	6.910	107	318478	45.010	ng	97
18) Hexachloroethane	7.145	117	159475	41.423	ng	96
19) n-Nitroso-di-n-propyla...	7.069	70	248838	38.571	ng	91
20) 3+4-Methylphenols	7.063	107	383162	41.685	ng	# 78
22) Acetophenone	7.057	105	535928	40.612	ng	# 91
24) Nitrobenzene	7.228	77	387244	36.098	ng	95
25) Isophorone	7.475	82	686187	40.297	ng	97
26) 2-Nitrophenol	7.545	139	205972	46.837	ng	# 87
27) 2,4-Dimethylphenol	7.592	122	317264	46.855	ng	92
28) bis(2-Chloroethoxy)met...	7.686	93	426631	44.494	ng	98
29) 2,4-Dichlorophenol	7.792	162	317871	42.839	ng	94
30) 1,2,4-Trichlorobenzene	7.869	180	337698	42.095	ng	94
31) Naphthalene	7.945	128	1101528	39.613	ng	100
32) Benzoic acid	7.745	122	187876	35.879	ng	88
33) 4-Chloroaniline	7.998	127	389210	36.801	ng	98
34) Hexachlorobutadiene	8.063	225	214534	41.844	ng	99
35) Caprolactam	8.386	113	95188m	44.748	ng	
36) 4-Chloro-3-methylphenol	8.498	107	335854	40.835	ng	96
37) 2-Methylnaphthalene	8.639	142	728912	41.112	ng	99
38) 1-Methylnaphthalene	8.733	142	686746	40.321	ng	99
40) 1,2,4,5-Tetrachloroben...	8.804	216	342596	43.776	ng	98
41) Hexachlorocyclopentadiene	8.786	237	385217	91.936	ng	99
43) 2,4,6-Trichlorophenol	8.922	196	219141	40.121	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.963	196	240475	40.800	ng	96
46) 1,1'-Biphenyl	9.104	154	872766	40.750	ng	98
47) 2-Chloronaphthalene	9.128	162	686695	39.635	ng	96
48) 2-Nitroaniline	9.228	65	200500	34.697	ng	90
49) Acenaphthylene	9.539	152	1022591	39.366	ng	100
50) Dimethylphthalate	9.416	163	788969	39.829	ng	99
51) 2,6-Dinitrotoluene	9.475	165	174234	42.057	ng	# 80
52) Acenaphthene	9.710	154	730200m	42.783	ng	
53) 3-Nitroaniline	9.639	138	146928	31.828	ng	94
54) 2,4-Dinitrophenol	9.751	184	174739	77.929	ng	87
55) Dibenzofuran	9.880	168	936986	39.469	ng	97
56) 4-Nitrophenol	9.822	139	247623	73.647	ng	# 83
57) 2,4-Dinitrotoluene	9.875	165	231730	43.767	ng	94
58) Fluorene	10.227	166	757071	38.994	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.004	232	187022	40.539	ng	92
60) Diethylphthalate	10.110	149	770754	38.800	ng	99
61) 4-Chlorophenyl-phenyle...	10.222	204	358585	42.103	ng	89
62) 4-Nitroaniline	10.257	138	182462	39.346	ng	88
63) Azobenzene	10.380	77	692859	33.873	ng	92
65) 4,6-Dinitro-2-methylph...	10.286	198	116298	43.220	ng	79
66) n-Nitrosodiphenylamine	10.345	169	649941	40.236	ng	99
67) 4-Bromophenyl-phenylether	10.704	248	230850	43.291	ng	99
68) Hexachlorobenzene	10.769	284	263625	43.612	ng	96
69) Atrazine	10.874	200	211420	44.787	ng	96
70) Pentachlorophenol	10.969	266	241381	74.405	ng	99
71) Phenanthrene	11.180	178	1060179	39.065	ng	99
72) Anthracene	11.233	178	1074958	41.045	ng	100
73) Carbazole	11.392	167	958693	40.561	ng	99
74) Di-n-butylphthalate	11.727	149	1167773	40.971	ng	98
75) Fluoranthene	12.363	202	1054666	40.217	ng	99
77) Benzidine	12.498	184	610702	73.718	ng	99
78) Pyrene	12.592	202	1051571	42.121	ng	100
80) Butylbenzylphthalate	13.221	149	417786	45.173	ng	# 88
81) Benzo(a)anthracene	13.774	228	783175	41.252	ng	98
82) 3,3'-Dichlorobenzidine	13.745	252	232609	45.010	ng	99
83) Chrysene	13.815	228	710197	39.398	ng	99
84) Bis(2-ethylhexyl)phtha...	13.780	149	518838	48.976	ng	# 96
85) Di-n-octyl phthalate	14.386	149	734128	45.308	ng	95
87) Indeno(1,2,3-cd)pyrene	16.498	276	709796	40.868	ng	97
88) Benzo(b)fluoranthene	14.786	252	679492	42.507	ng	99
89) Benzo(k)fluoranthene	14.815	252	681654	43.349	ng	98
90) Benzo(a)pyrene	15.121	252	582650	46.007	ng	# 98
91) Dibenzo(a,h)anthracene	16.515	278	618430	43.405	ng	98
92) Benzo(g,h,i)perylene	16.898	276	606982	42.291	ng	99

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

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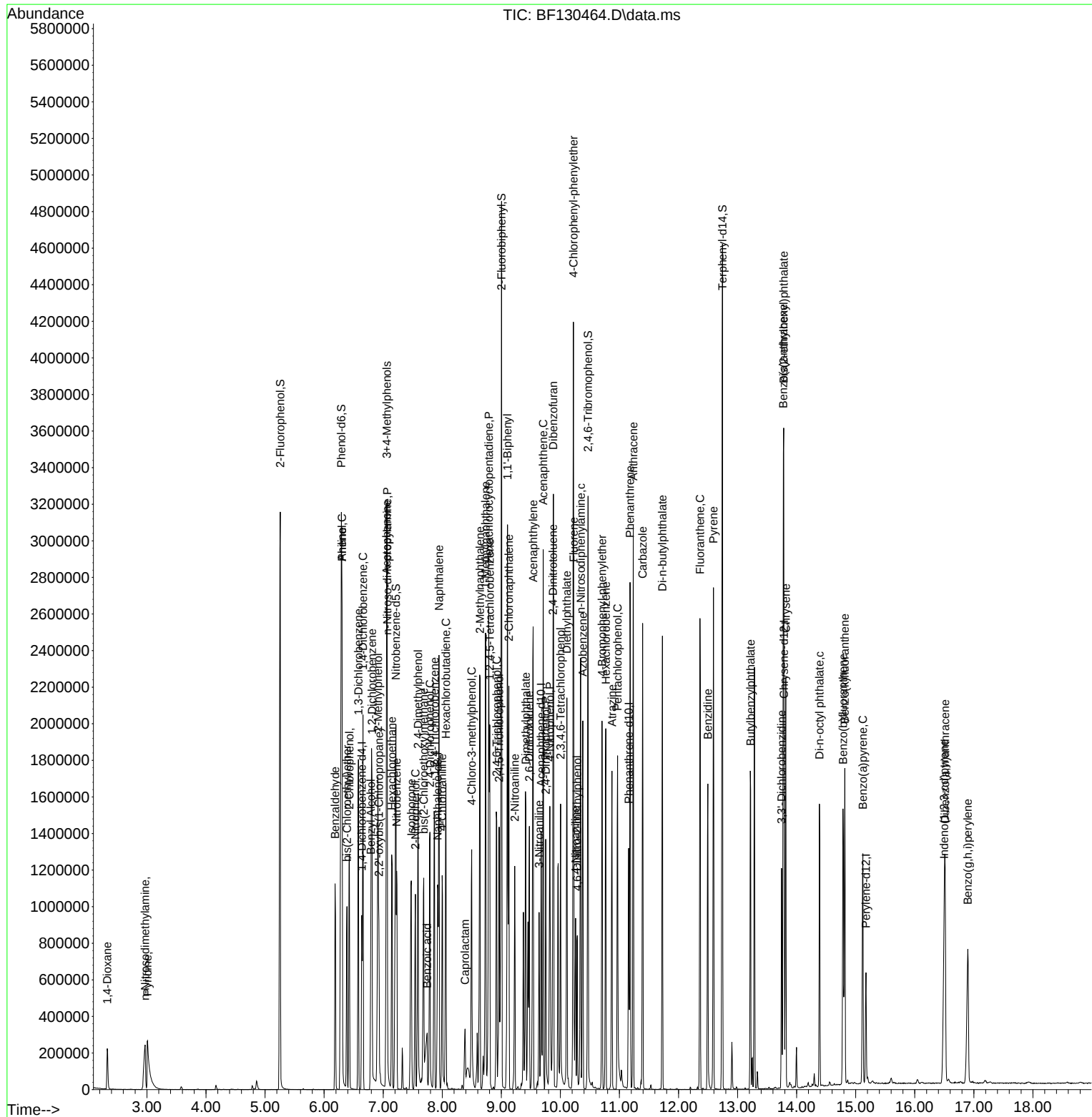
Quant Time: Sep 30 03:06:44 2022

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QLast Update : Wed Sep 28 02:59:31 2022

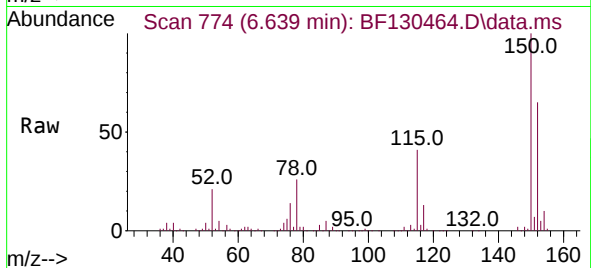
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.639 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

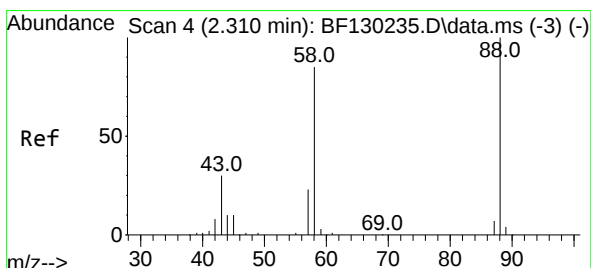
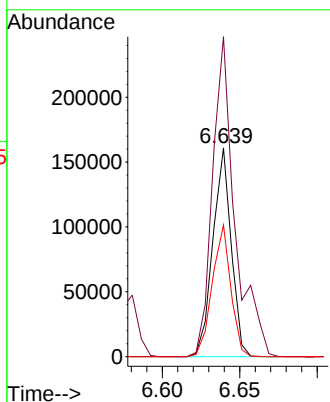
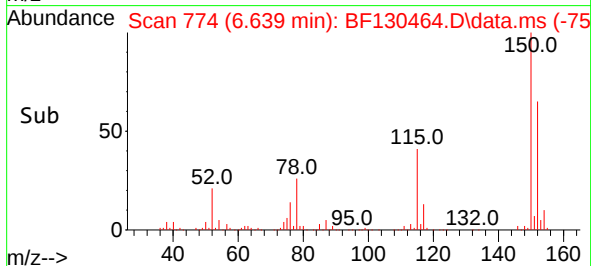
Instrument :
BNA_F
ClientSampleId :
PB147960BS



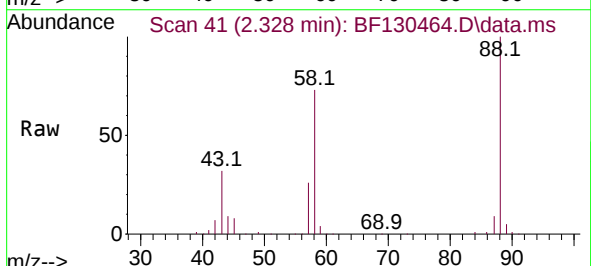
Tgt Ion:152 Resp: 132533
Ion Ratio Lower Upper
152 100
150 153.3 122.8 184.2
115 63.1 53.8 80.8

Manual Integrations
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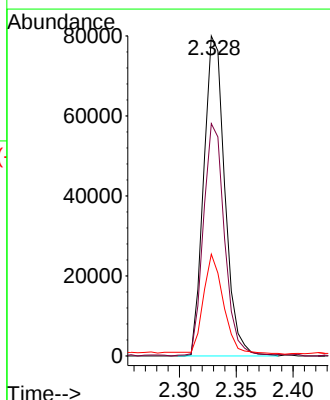
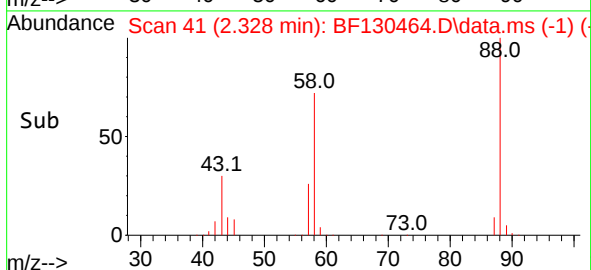
Reviewed By :Christian Giraldo 09/30/2022
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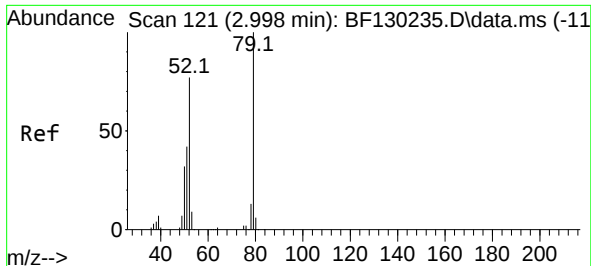


#2
1,4-Dioxane
Concen: 29.409 ng
RT: 2.328 min Scan# 41
Delta R.T. 0.065 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45



Tgt Ion: 88 Resp: 103203
Ion Ratio Lower Upper
88 100
58 72.7 61.3 91.9
43 30.1 23.0 34.6





#3

Pyridine

Concen: 29.927 ng

RT: 3.010 min Scan# 11

Delta R.T. 0.071 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB147960BS

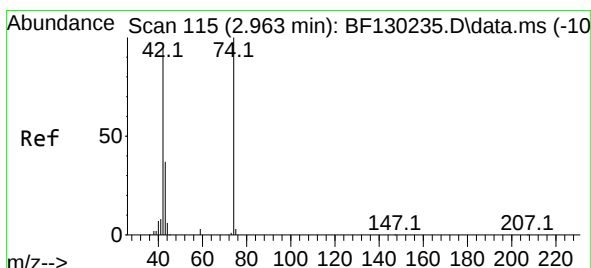
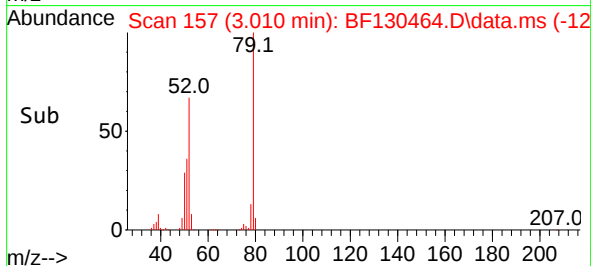
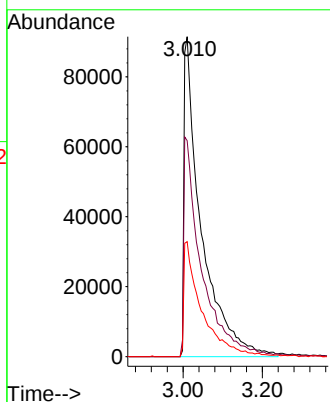
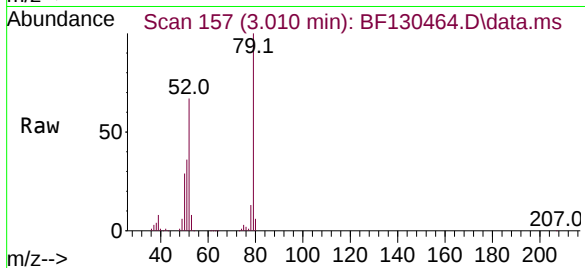
Tgt Ion: 79 Resp: 273962

Ion	Ratio	Lower	Upper
79	100		
52	67.5	62.4	93.6
51	35.9	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 33.283 ng

RT: 2.969 min Scan# 150

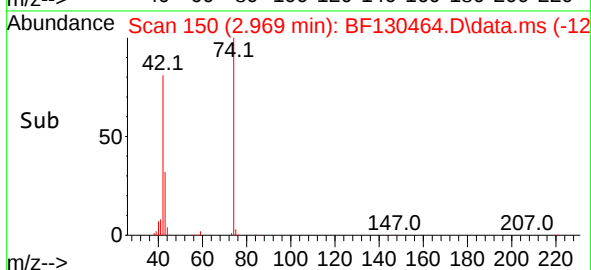
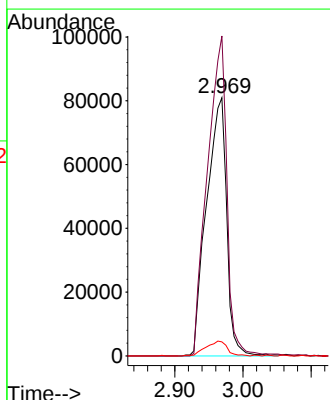
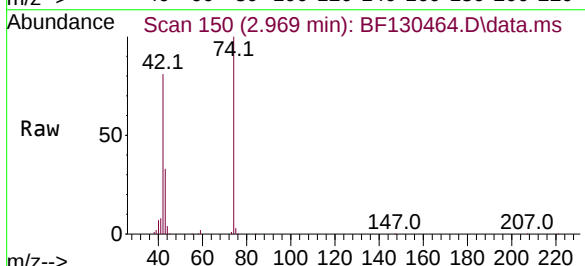
Delta R.T. 0.065 min

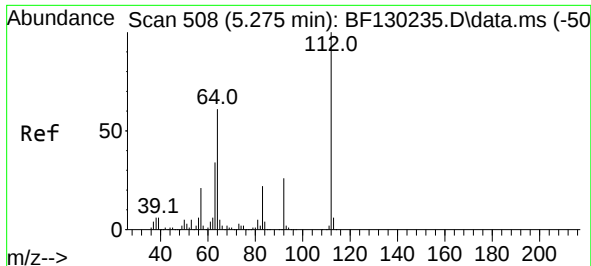
Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

Tgt Ion: 42 Resp: 165714

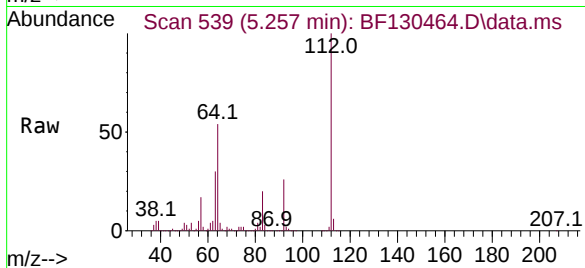
Ion	Ratio	Lower	Upper
42	100		
74	124.0	88.4	132.6
44	5.4	5.0	7.4





#5
2-Fluorophenol
Concen: 133.514 ng
RT: 5.257 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

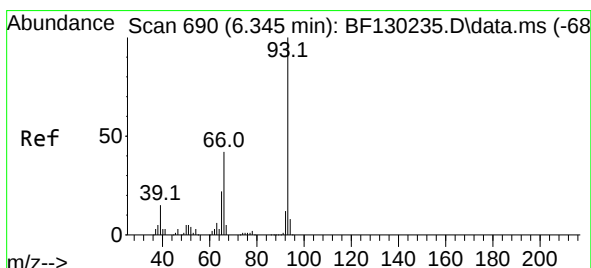
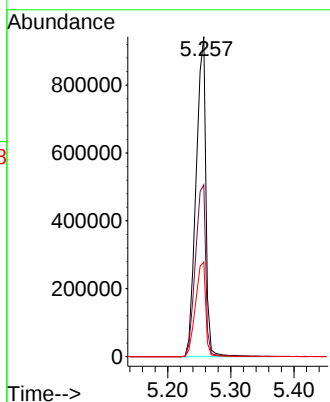
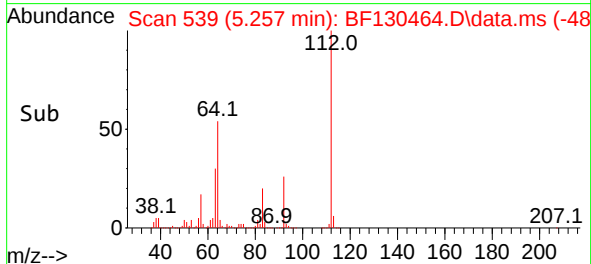
Instrument :
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Tgt Ion:112 Resp: 1020197
Ion Ratio Lower Upper
112 100
64 53.7 51.4 77.0
63 29.5 28.8 43.2

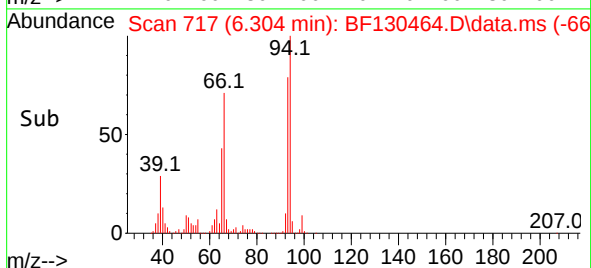
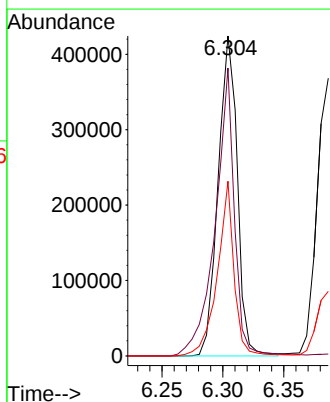
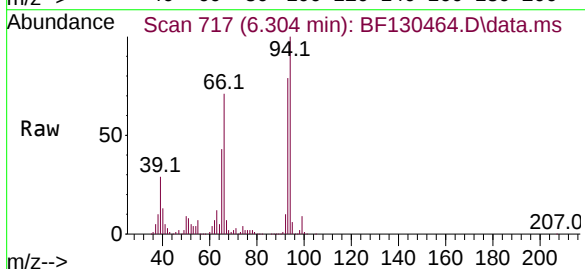
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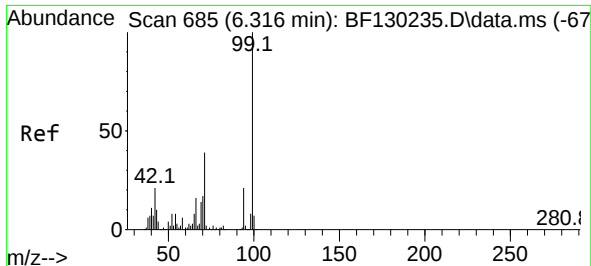
Reviewed By :Christian Giraldo 09/30/2022
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#6
Aniline
Concen: 39.480 ng
RT: 6.304 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

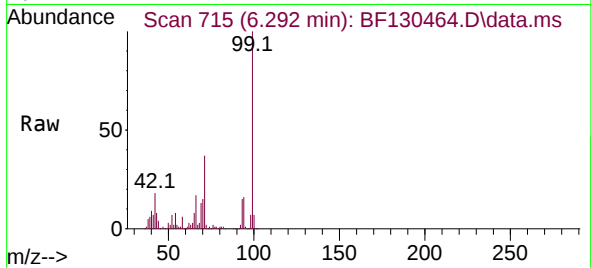
Tgt Ion: 93 Resp: 465088
Ion Ratio Lower Upper
93 100
66 89.9 34.2 51.4#
65 54.6 16.6 24.8#





#7
Phenol-d6
Concen: 131.353 ng
RT: 6.292 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

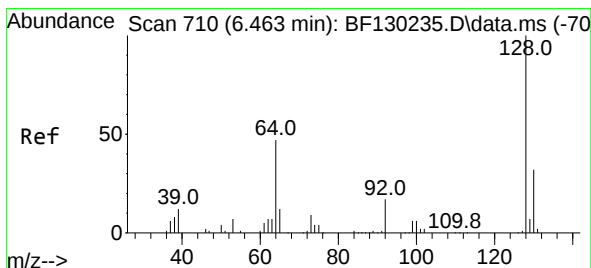
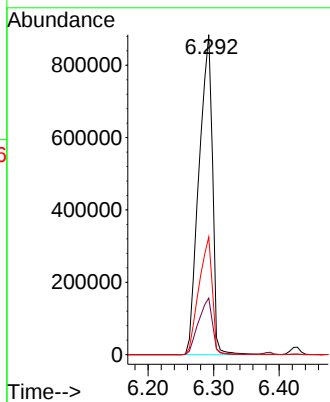
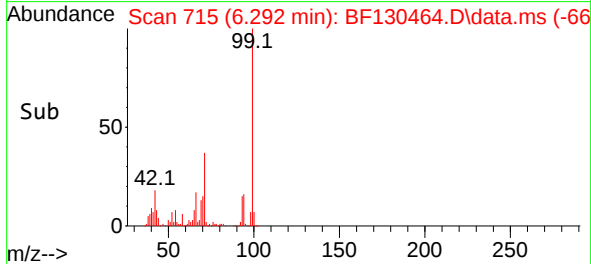
Instrument :
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Tgt Ion: 99 Resp: 1255846
Ion Ratio Lower Upper
99 100
42 17.7 17.0 25.6
71 36.8 32.3 48.5

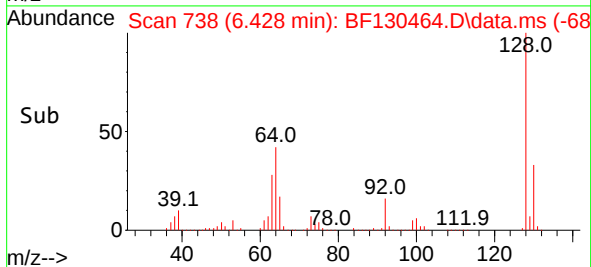
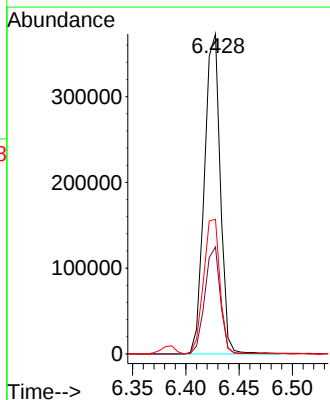
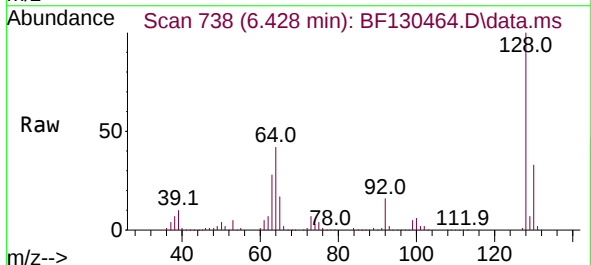
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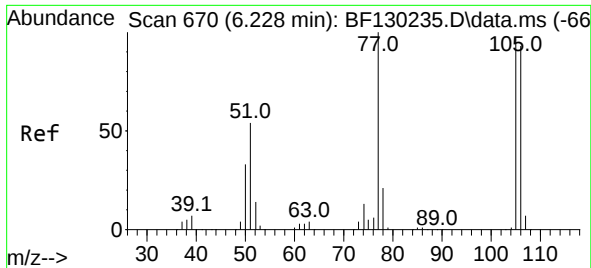
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#8
2-Chlorophenol
Concen: 44.426 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Tgt Ion:128 Resp: 386698
Ion Ratio Lower Upper
128 100
130 33.4 12.4 52.4
64 42.1 31.6 71.6





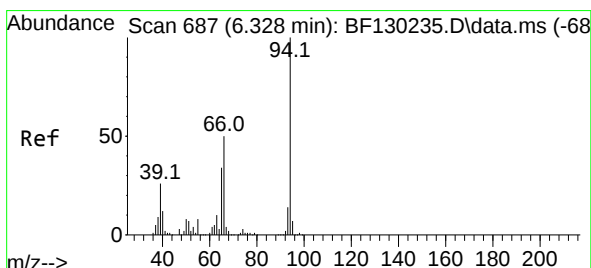
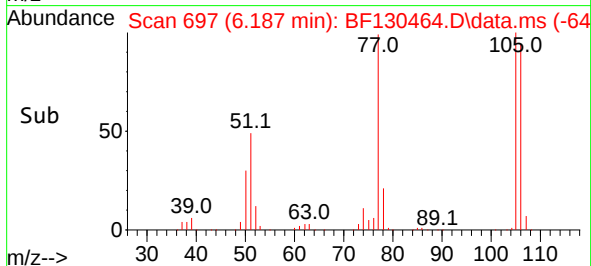
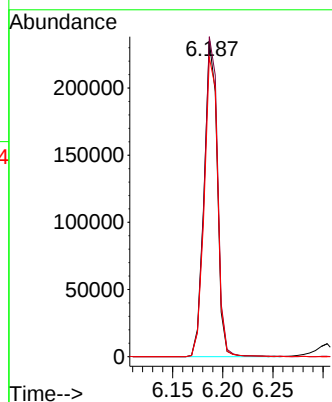
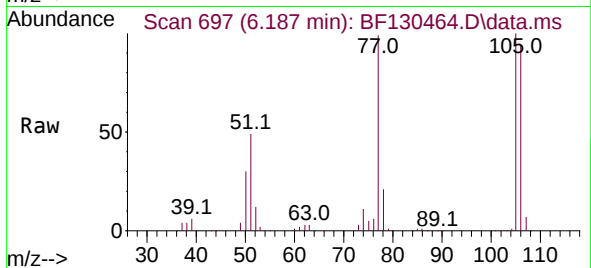
#9
Benzaldehyde
Concen: 33.308 ng
RT: 6.187 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 213312
Ion Ratio Lower Upper
77 100
105 101.5 75.1 115.1
106 94.9 69.7 109.7

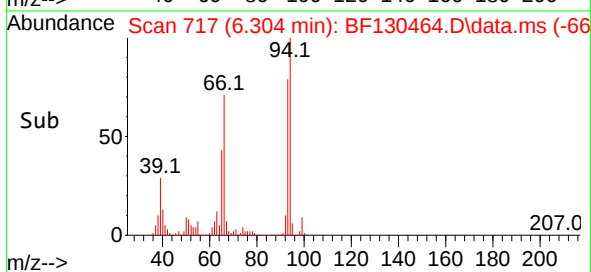
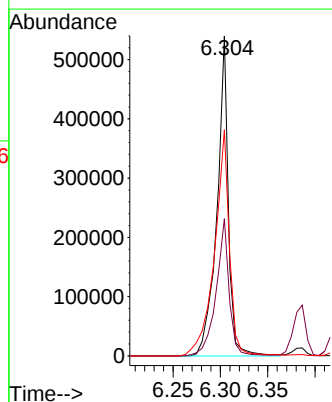
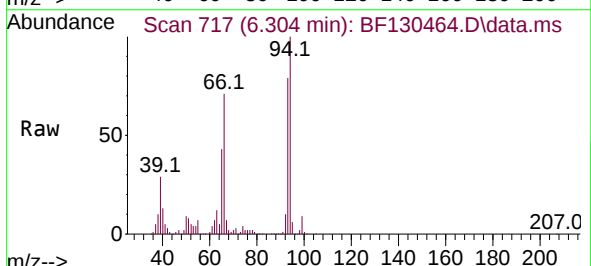
Manual Integrations
APPROVED

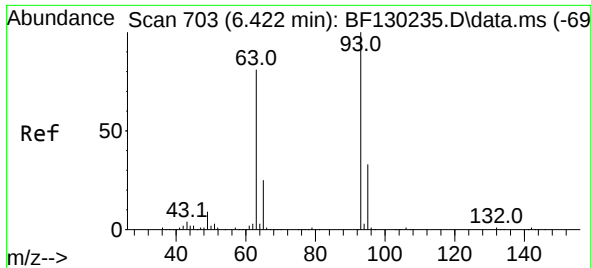
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#10
Phenol
Concen: 40.449 ng
RT: 6.304 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Tgt Ion: 94 Resp: 453200
Ion Ratio Lower Upper
94 100
65 42.9 14.1 54.1
66 70.7 28.1 68.1#





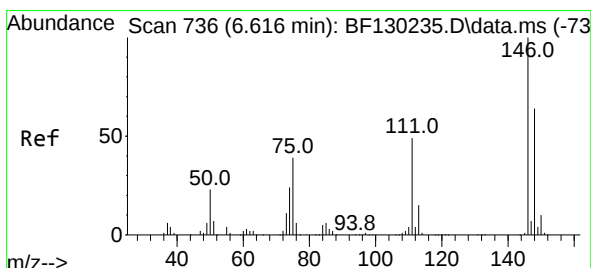
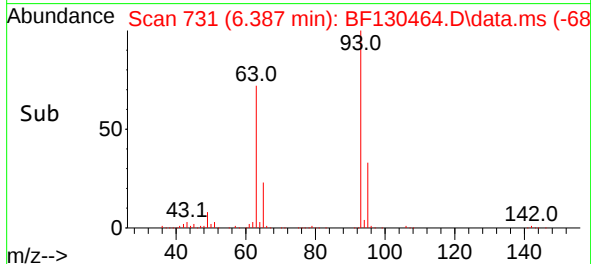
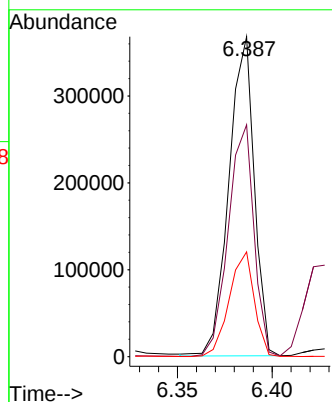
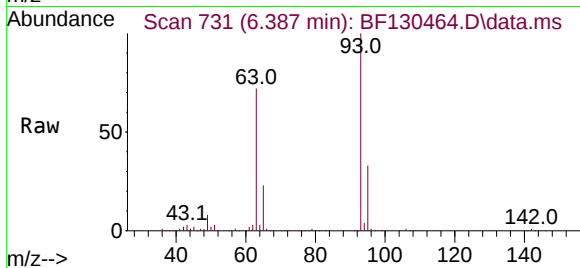
#11
bis(2-Chloroethyl)ether
Concen: 42.362 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Instrument :
BNA_F
ClientSampleId :
PB147960BS

Tgt Ion: 93 Resp: 342353
Ion Ratio Lower Upper
93 100
63 72.4 62.5 102.5
95 32.7 12.5 52.5

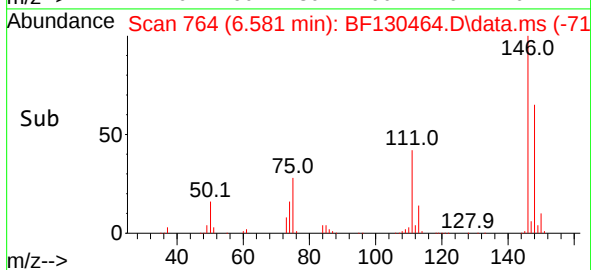
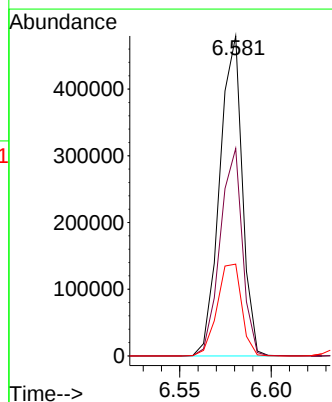
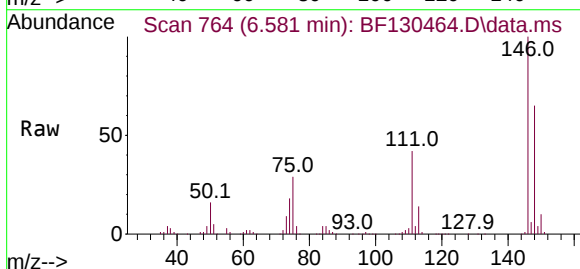
Manual Integrations
APPROVED

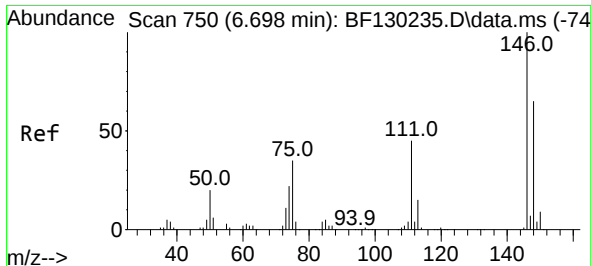
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#12
1,3-Dichlorobenzene
Concen: 43.123 ng m
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Tgt Ion:146 Resp: 413016
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
75 28.7 28.8 43.2#





#13

1,4-Dichlorobenzene

Concen: 42.723 ng

RT: 6.657 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB147960BS

Tgt Ion:146 Resp: 417274

Ion Ratio Lower Upper

146 100

148 64.3 50.3 75.5

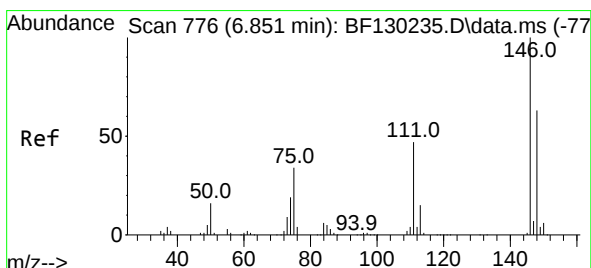
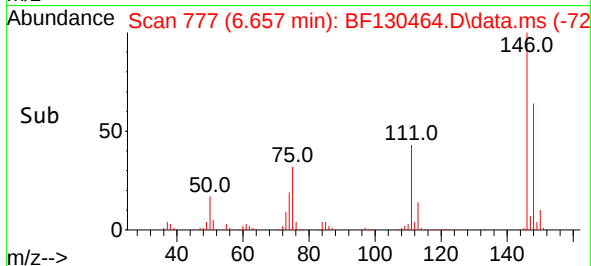
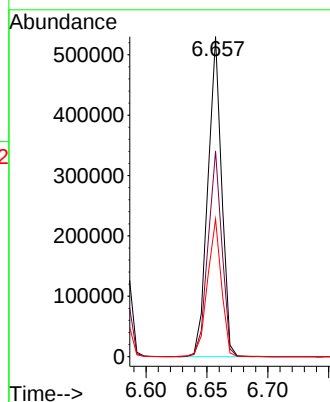
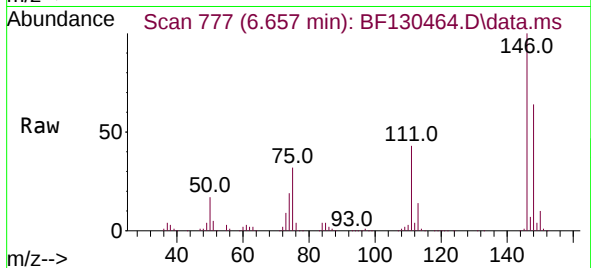
111 43.0 36.3 54.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/30/2022

Supervised By :Jagrut Upadhyay 09/30/2022



#14

1,2-Dichlorobenzene

Concen: 43.884 ng

RT: 6.810 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

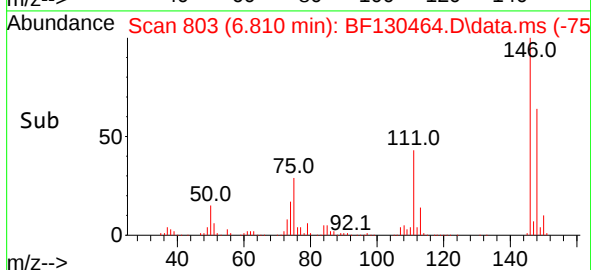
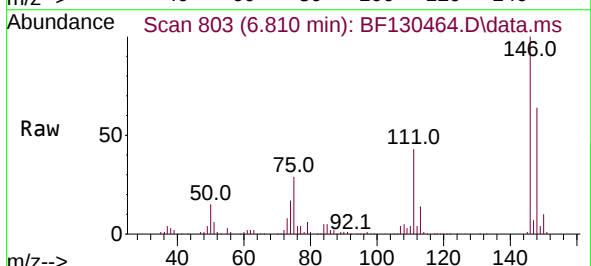
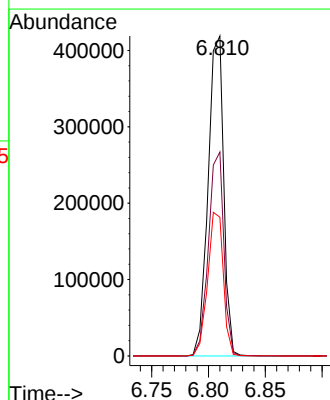
Tgt Ion:146 Resp: 400387

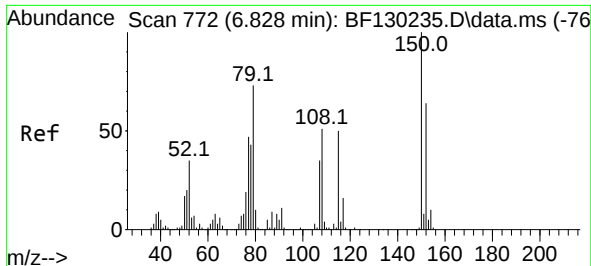
Ion Ratio Lower Upper

146 100

148 63.7 51.6 77.4

111 43.3 39.2 58.8





#15

Benzyl Alcohol

Concen: 35.254 ng

RT: 6.792 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

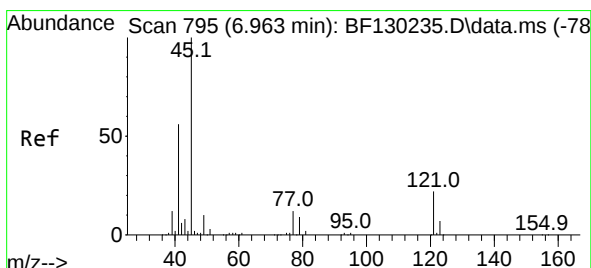
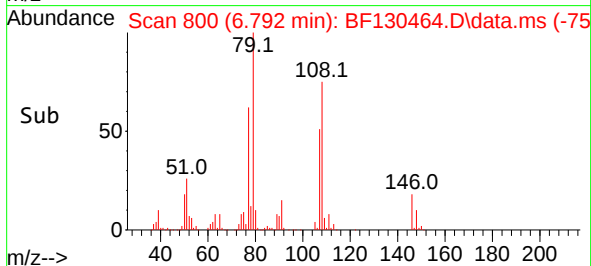
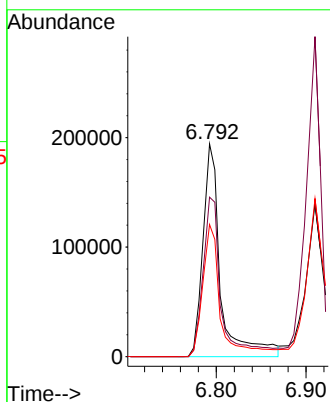
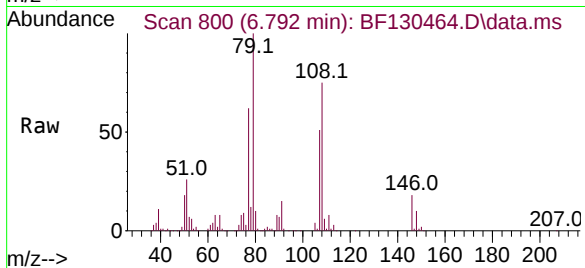
PB147960BS

Tgt Ion: 79 Resp: 267236
 Ion Ratio Lower Upper
 79 100
 108 74.9 54.0 81.0
 77 62.1 51.3 76.9

Manual Integrations

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Reviewed By :Christian Giraldo 09/30/2022
 Supervised By :Jagrut Upadhyay 09/30/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.370 ng

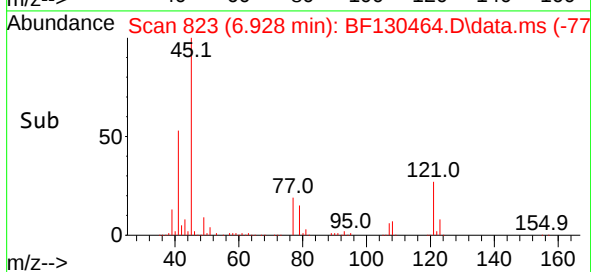
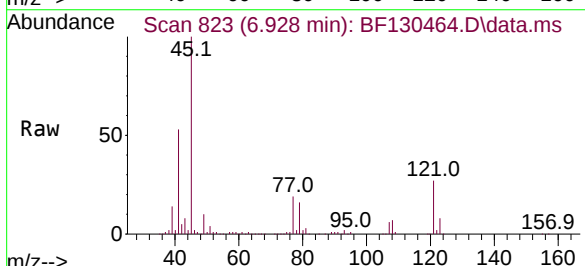
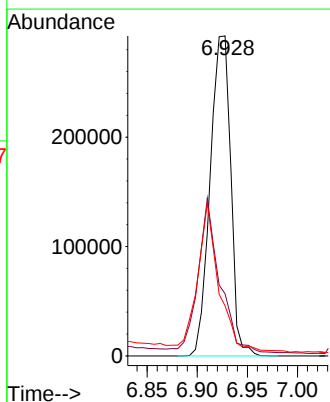
RT: 6.928 min Scan# 823

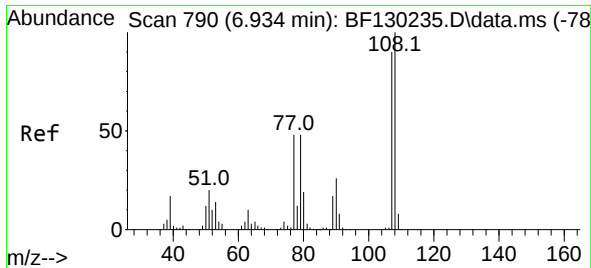
Delta R.T. -0.000 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

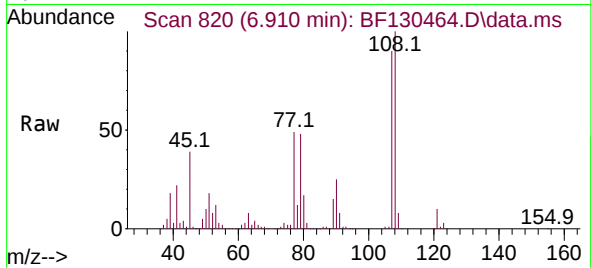
Tgt Ion: 45 Resp: 416914
 Ion Ratio Lower Upper
 45 100
 77 19.4 0.0 34.9
 79 15.6 0.0 31.0





#17
2-Methylphenol
Concen: 45.010 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

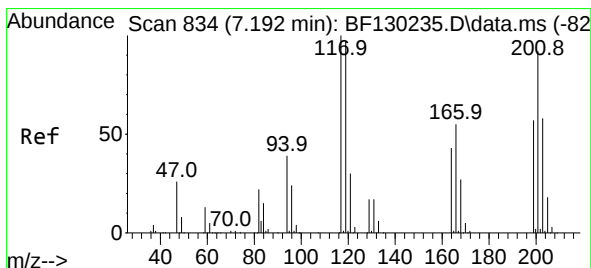
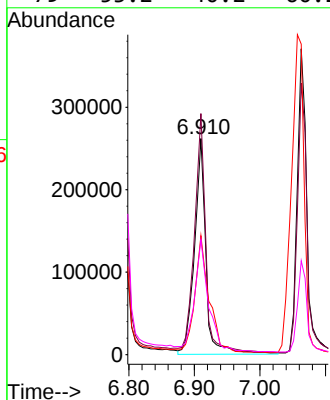
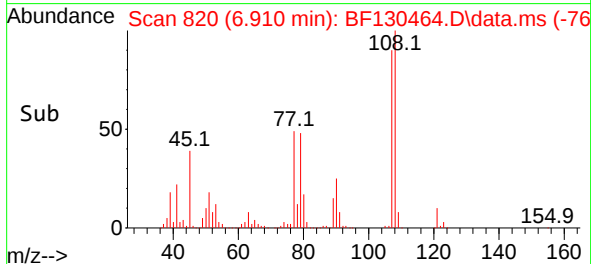
Instrument :
BNA_F
ClientSampleId :
PB147960BS



Tgt Ion:107 Resp: 318478
Ion Ratio Lower Upper
107 100
108 111.6 89.4 134.0
77 55.1 40.6 60.8
79 53.2 40.2 60.2

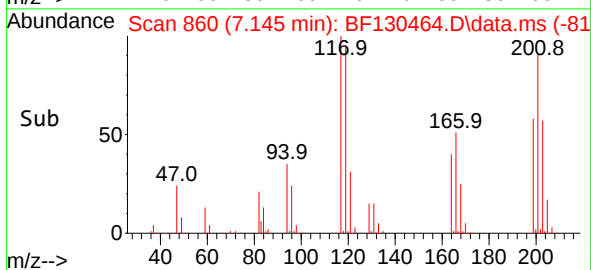
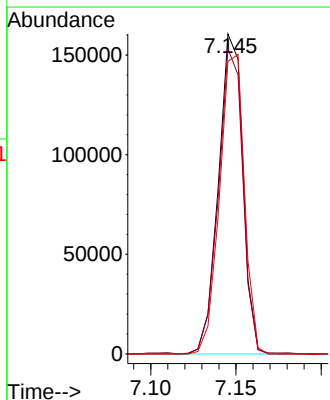
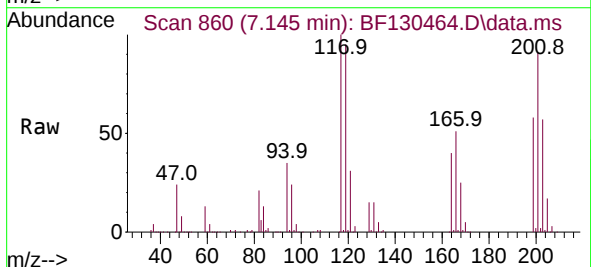
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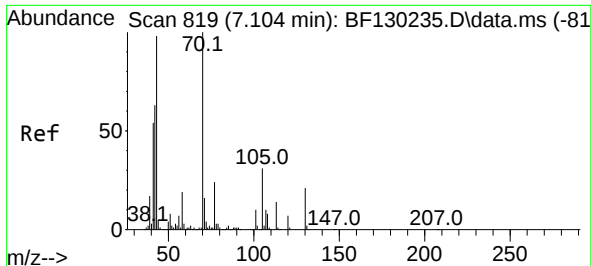
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#18
Hexachloroethane
Concen: 41.423 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.012 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Tgt Ion:117 Resp: 159475
Ion Ratio Lower Upper
117 100
119 95.3 77.8 116.6
201 91.4 68.7 103.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.571 ng

RT: 7.069 min Scan# 84

Delta R.T. -0.000 min

Lab File: BF130464.D

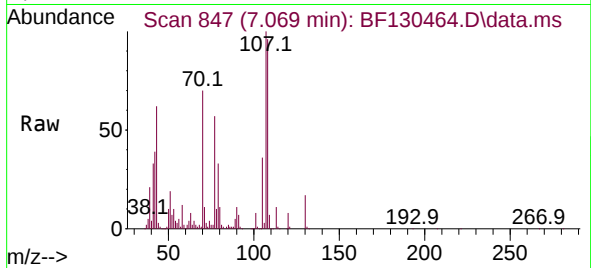
Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB147960BS



Tgt Ion: 70 Resp: 248838

Ion Ratio Lower Upper

70 100

42 55.3 50.8 76.2

101 11.1 8.2 12.4

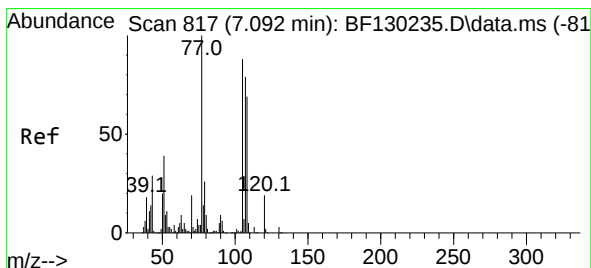
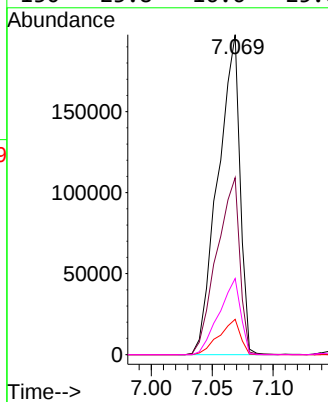
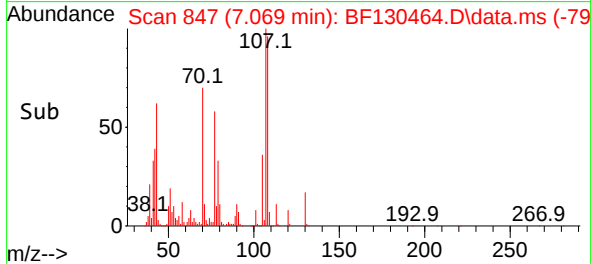
130 23.8 16.6 25.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/30/2022

Supervised By :Jagrut Upadhyay 09/30/2022



#20

3+4-Methylphenols

Concen: 41.685 ng

RT: 7.063 min Scan# 846

Delta R.T. -0.006 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

Tgt Ion:107 Resp: 383162

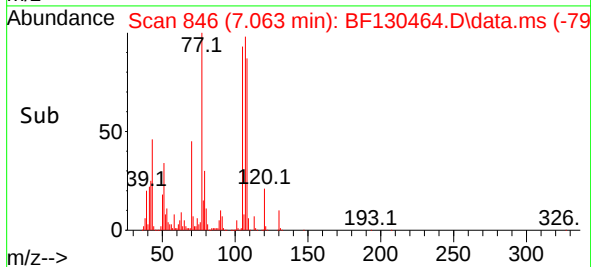
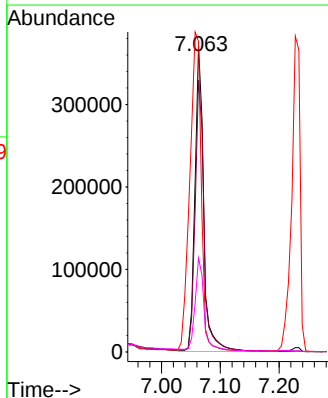
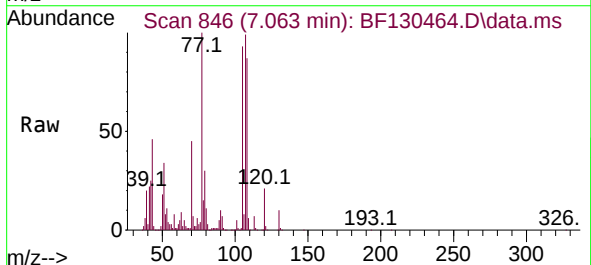
Ion Ratio Lower Upper

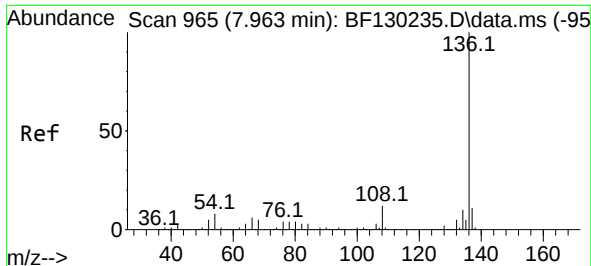
107 100

108 88.8 74.8 114.8

77 101.5 125.8 165.8#

79 30.7 17.1 57.1





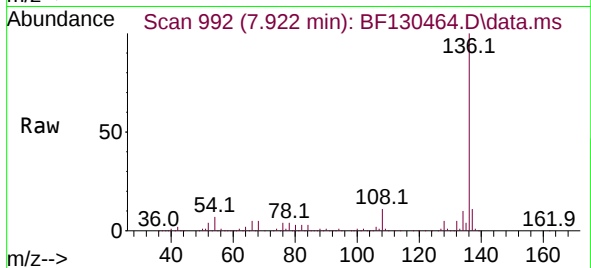
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

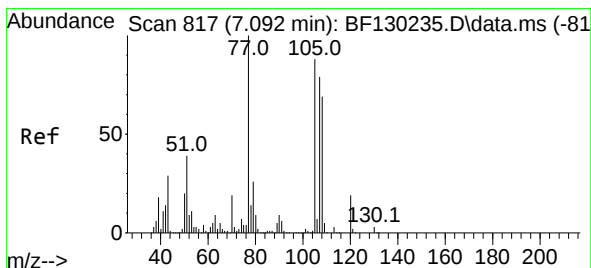
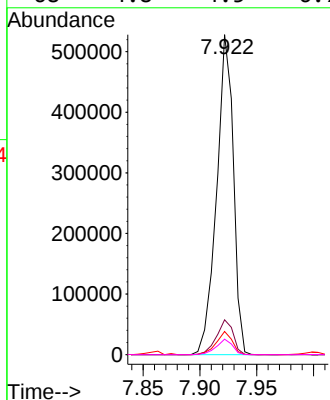
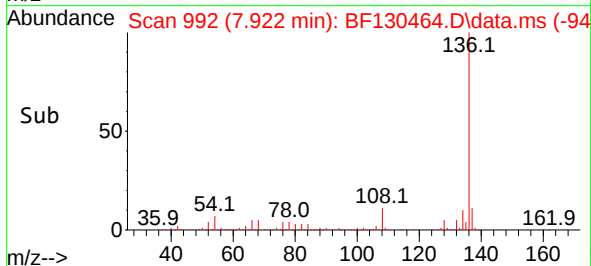
PB147960BS



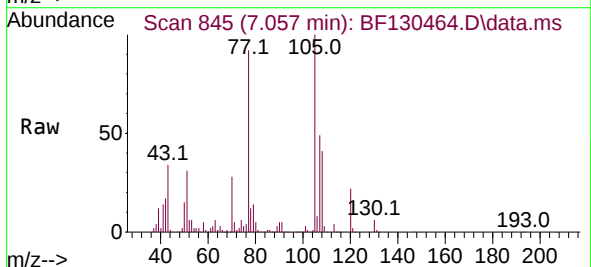
Tgt Ion:136 Resp: 539754
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.3 7.1 10.7
68 4.8 4.5 6.7

Manual Integrations
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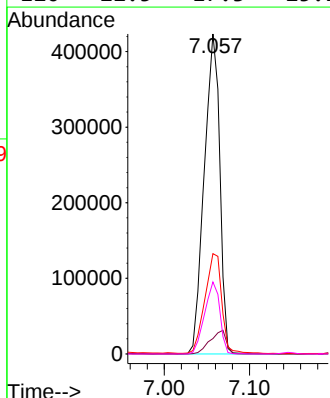
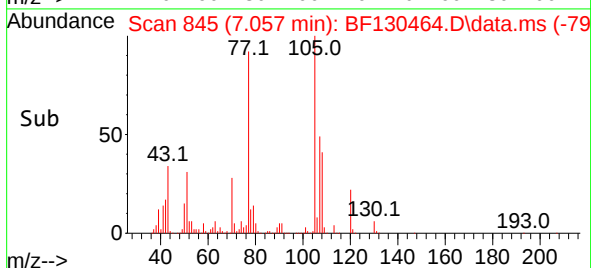
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

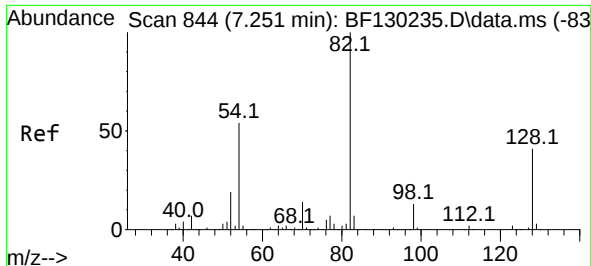


#22
Acetophenone
Concen: 40.612 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45



Tgt Ion:105 Resp: 535928
Ion Ratio Lower Upper
105 100
71 4.8 3.9 5.9
51 31.3 32.2 48.2#
120 22.5 17.3 25.9





#23

Nitrobenzene-d5

Concen: 75.008 ng

RT: 7.216 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF130464.D

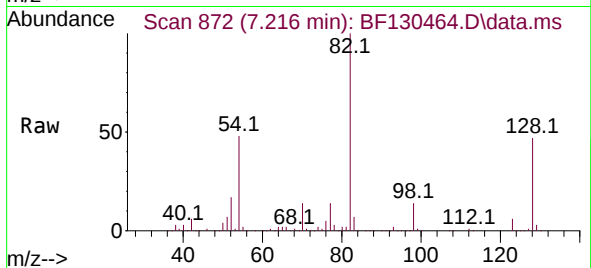
Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB147960BS



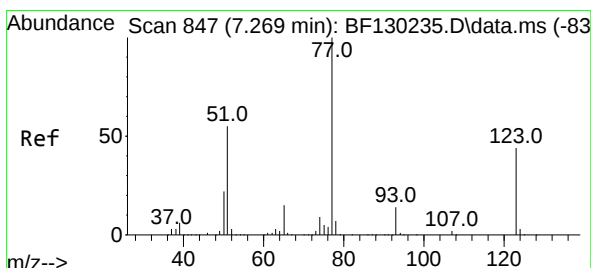
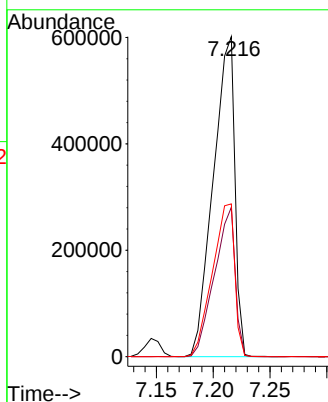
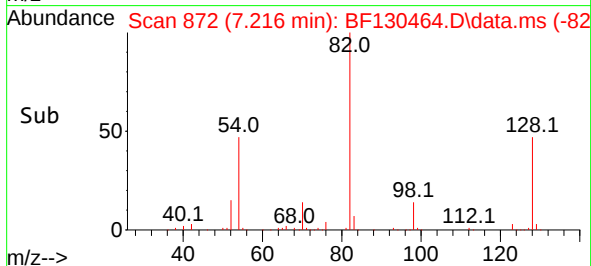
Tgt Ion: 82 Resp: 792463

Ion	Ratio	Lower	Upper
82	100		
128	46.6	32.6	49.0
54	47.7	43.8	65.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#24

Nitrobenzene

Concen: 36.098 ng

RT: 7.228 min Scan# 874

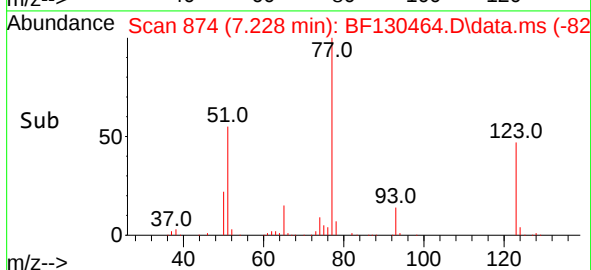
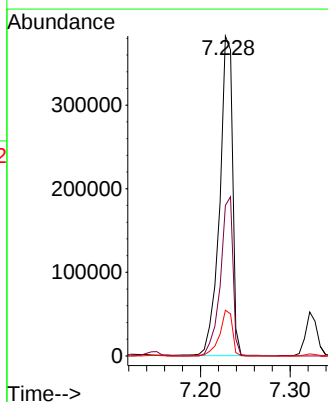
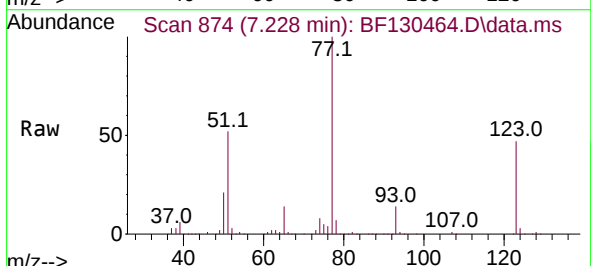
Delta R.T. -0.006 min

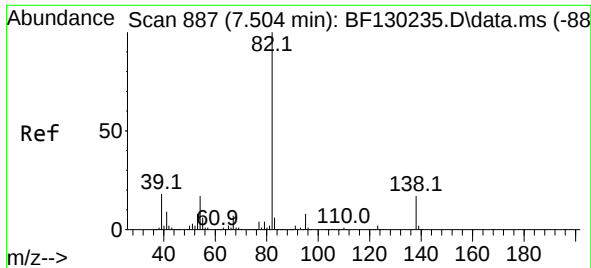
Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

Tgt Ion: 77 Resp: 387244

Ion	Ratio	Lower	Upper
77	100		
123	47.0	34.3	51.5
65	14.3	12.0	18.0





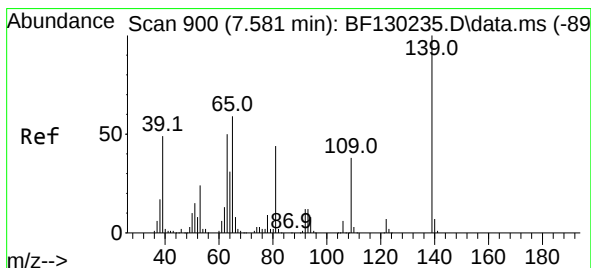
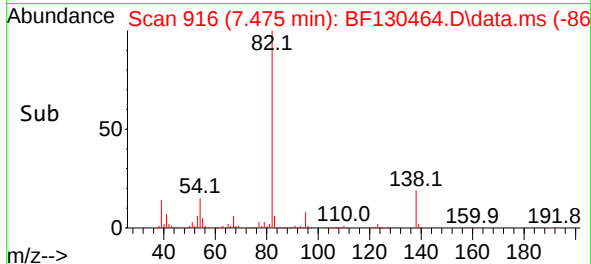
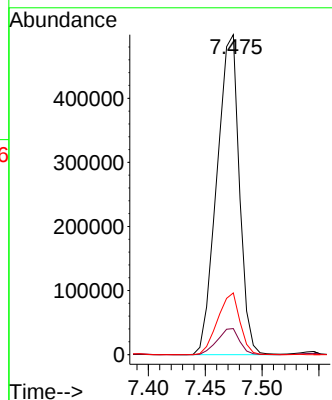
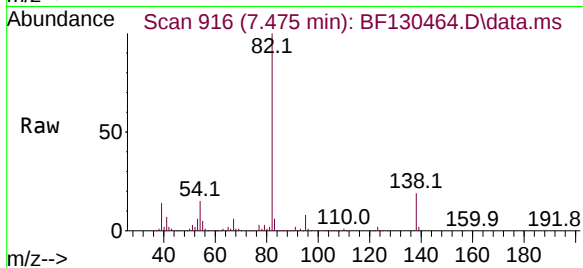
#25
Isophorone
Concen: 40.297 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Instrument :
BNA_F
ClientSampleId :
PB147960BS

Tgt Ion: 82 Resp: 68618
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 19.3 13.8 20.6

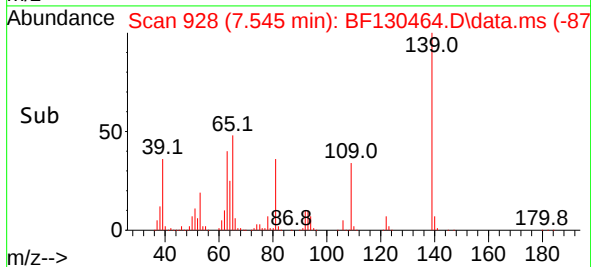
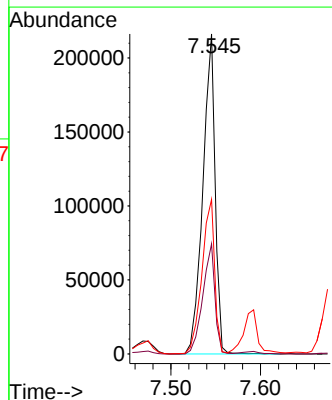
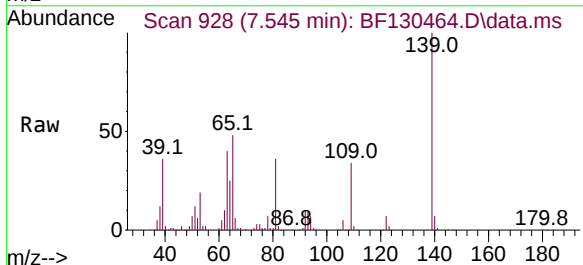
Manual Integrations
APPROVED

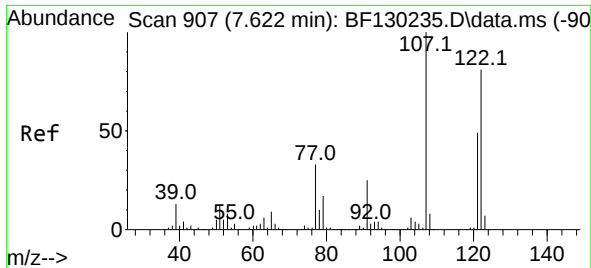
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#26
2-Nitrophenol
Concen: 46.837 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Tgt Ion:139 Resp: 205972
Ion Ratio Lower Upper
139 100
109 34.4 30.2 45.4
65 48.3 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 46.855 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB147960BS

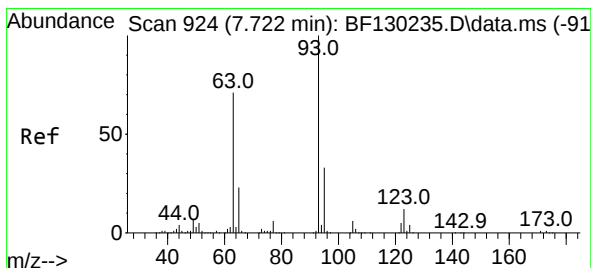
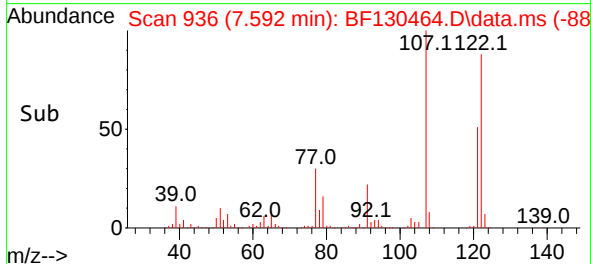
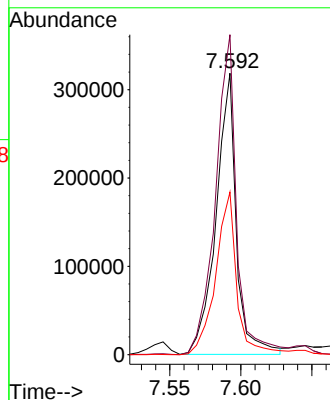
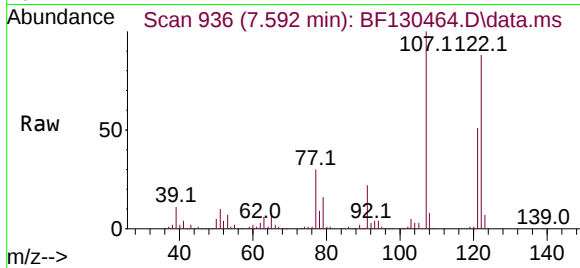
Tgt Ion:	122	Resp:	317264
Ion Ratio	Lower	Upper	
122	100		
107	113.8	100.2	150.2
121	57.8	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/30/2022

Supervised By :Jagrut Upadhyay 09/30/2022



#28

bis(2-Chloroethoxy)methane

Concen: 44.494 ng

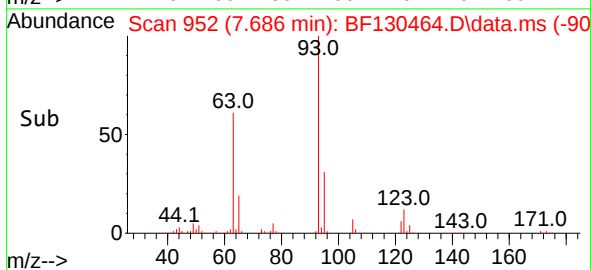
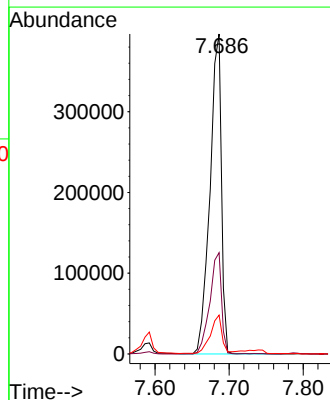
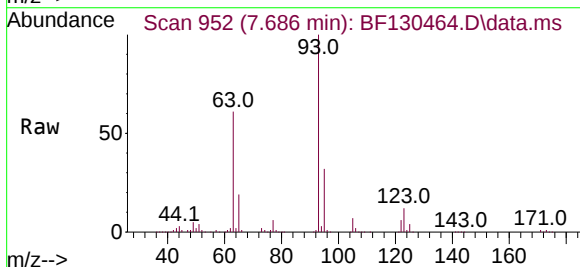
RT: 7.686 min Scan# 952

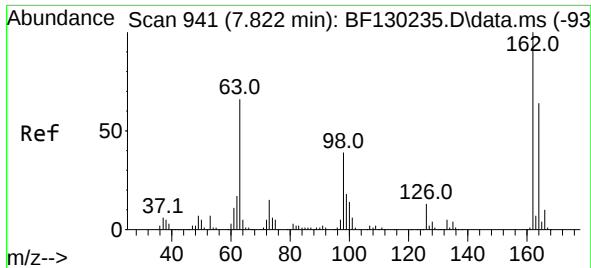
Delta R.T. -0.000 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

Tgt Ion:	93	Resp:	426631
Ion Ratio	Lower	Upper	
93	100		
95	31.6	26.3	39.5
123	12.1	9.4	14.2





#29

2,4-Dichlorophenol

Concen: 42.839 ng

RT: 7.792 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB147960BS

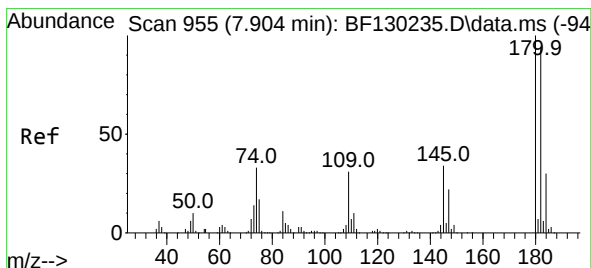
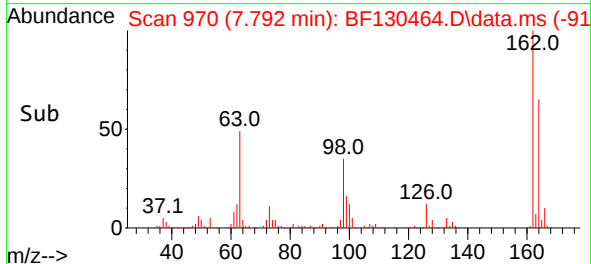
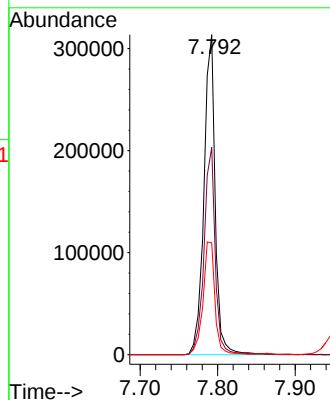
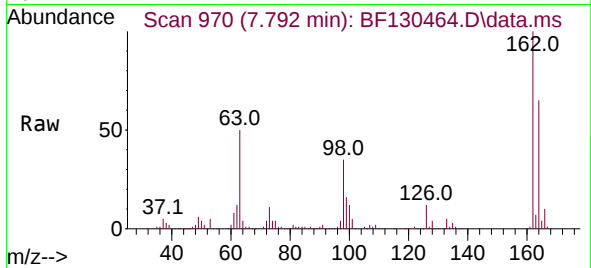
Tgt Ion:	162	Resp:	31787
Ion Ratio	Lower	Upper	
162	100		
164	64.8	42.2	82.2
98	34.9	21.7	61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/30/2022

Supervised By :Jagrut Upadhyay 09/30/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.095 ng

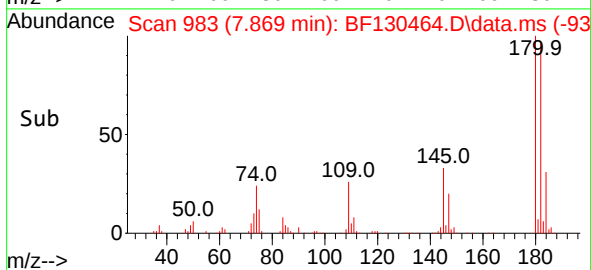
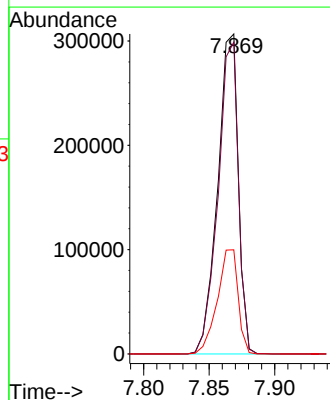
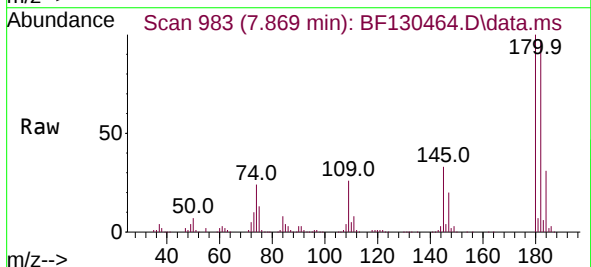
RT: 7.869 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

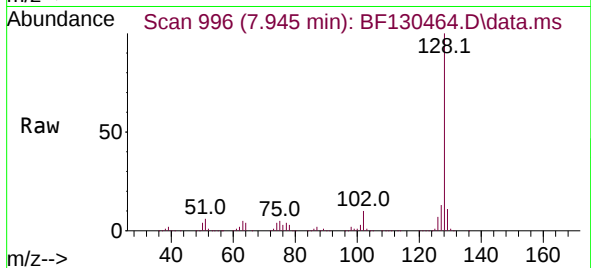
Tgt Ion:	180	Resp:	337698
Ion Ratio	Lower	Upper	
180	100		
182	97.4	73.3	109.9
145	32.5	28.3	42.5





#31
Naphthalene
Concen: 39.613 ng
RT: 7.945 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

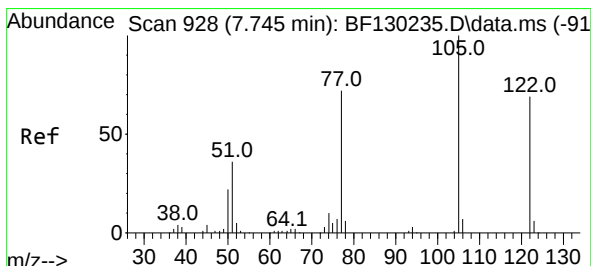
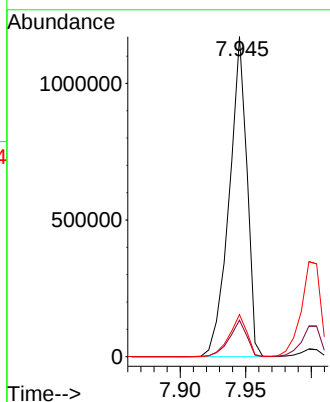
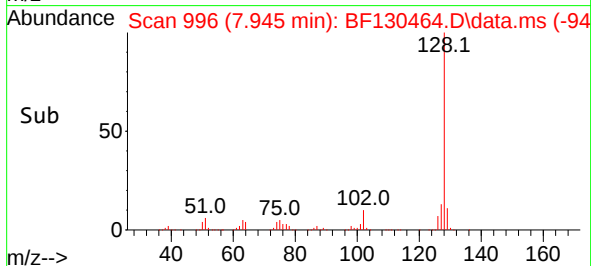
Instrument :
BNA_F
ClientSampleId :
PB147960BS



Tgt Ion:128 Resp: 1101528
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.2 10.6 16.0

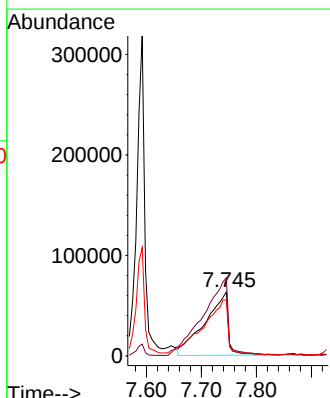
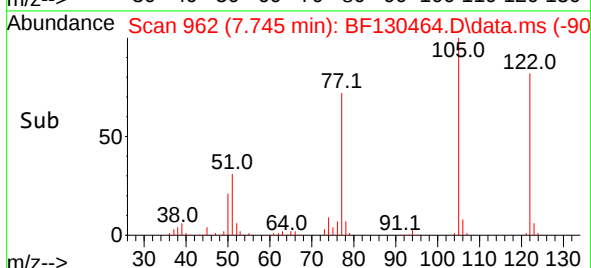
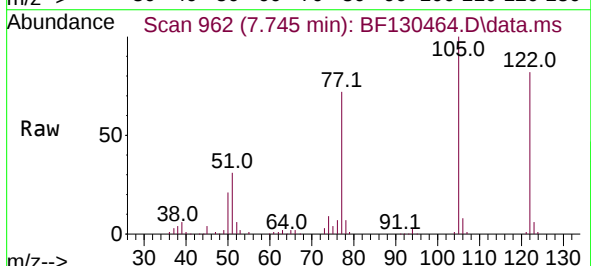
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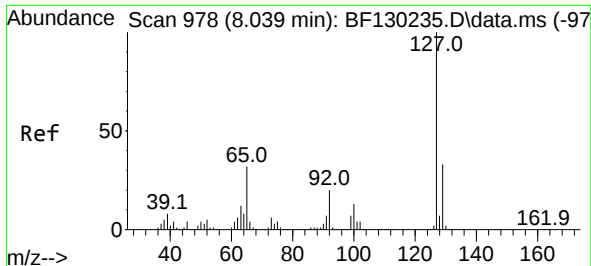
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#32
Benzoic acid
Concen: 35.879 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.012 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Tgt Ion:122 Resp: 187876
Ion Ratio Lower Upper
122 100
105 122.0 112.9 152.9
77 87.4 82.8 122.8





#33
4-Chloroaniline
Concen: 36.801 ng
RT: 7.998 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

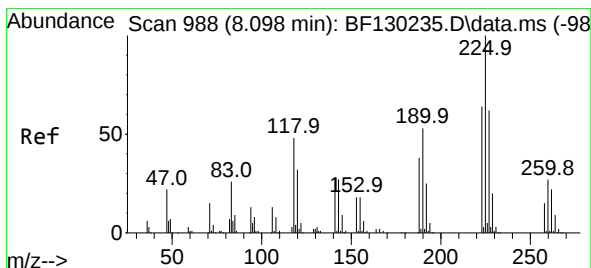
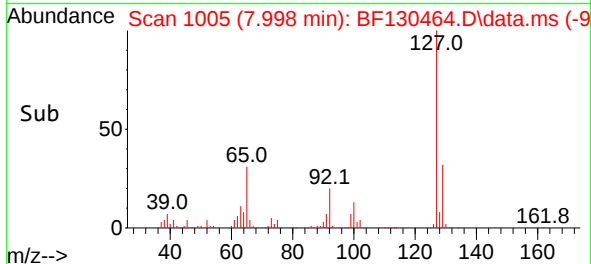
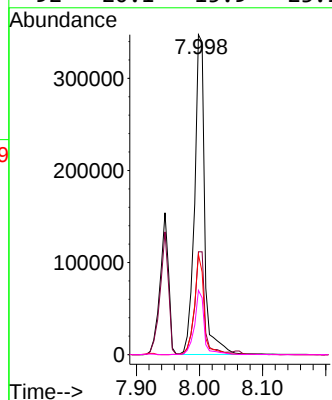
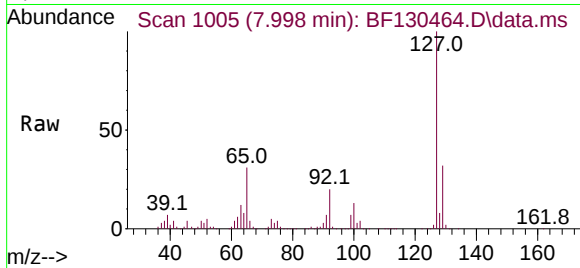
PB147960BS

Tgt Ion:127 Resp: 389210
Ion Ratio Lower Upper
127 100
129 32.1 25.6 38.4
65 31.3 27.0 40.6
92 20.1 15.9 23.9

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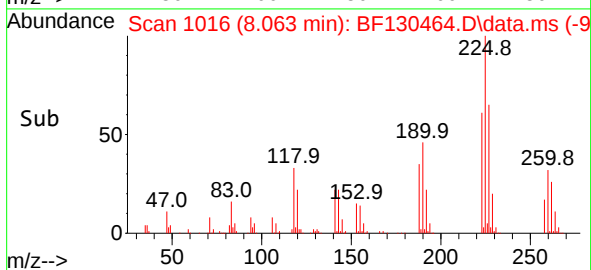
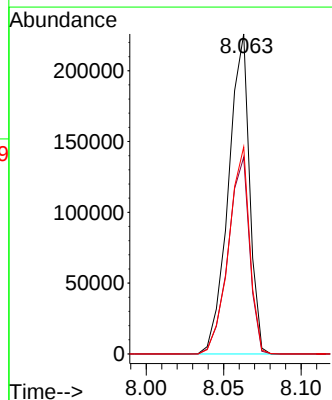
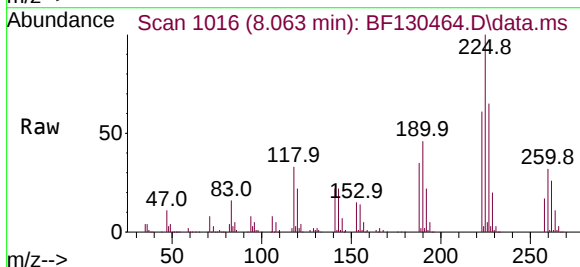
APPROVED

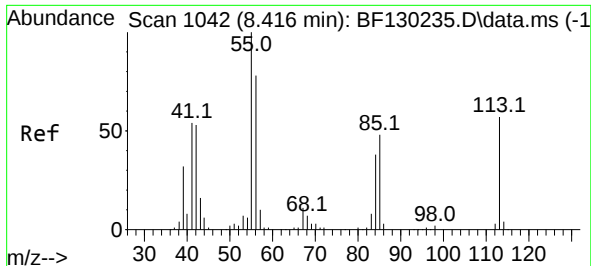
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#34
Hexachlorobutadiene
Concen: 41.844 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

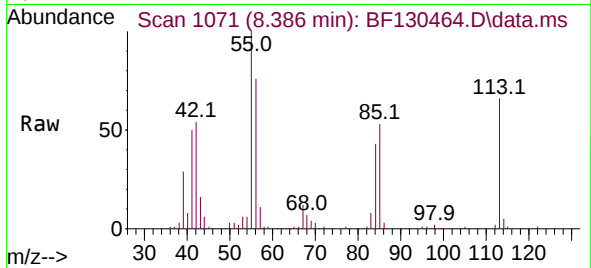
Tgt Ion:225 Resp: 214534
Ion Ratio Lower Upper
225 100
223 61.5 50.3 75.5
227 64.7 51.1 76.7





#35
Caprolactam
Concen: 44.748 ng m
RT: 8.386 min Scan# 1071
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

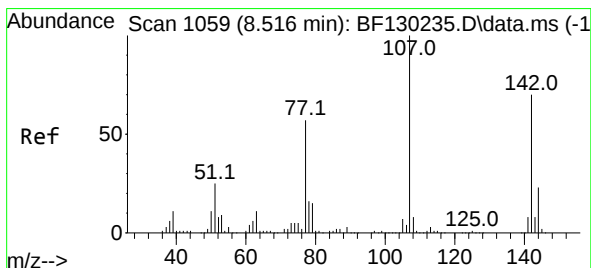
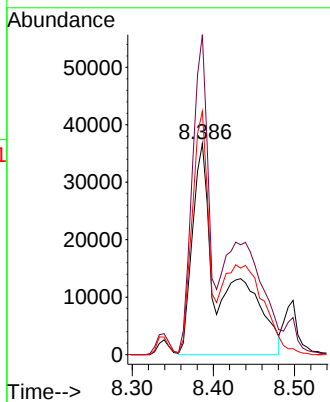
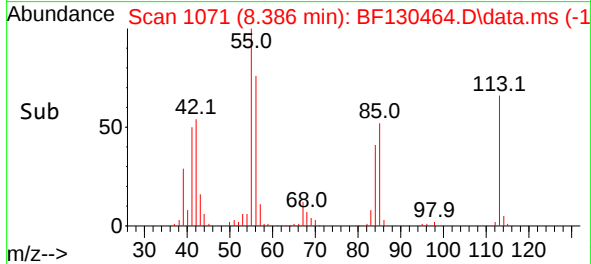
Instrument :
BNA_F
ClientSampleId :
PB147960BS



Tgt Ion:113 Resp: 95188
Ion Ratio Lower Upper
113 100
55 151.6 155.4 195.4
56 115.3 120.4 160.4

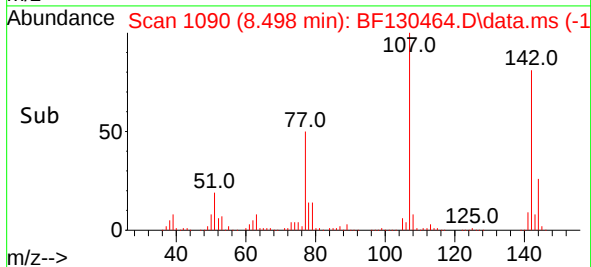
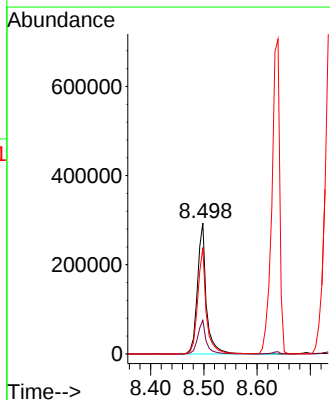
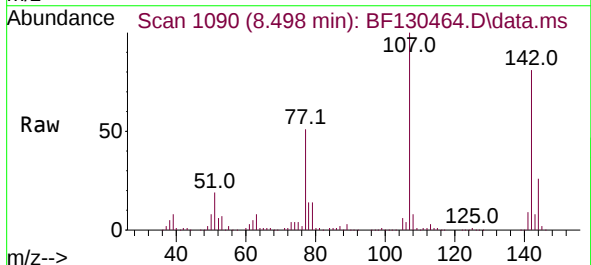
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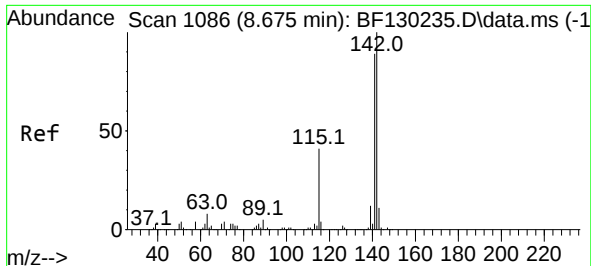
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#36
4-Chloro-3-methylphenol
Concen: 40.835 ng
RT: 8.498 min Scan# 1090
Delta R.T. 0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Tgt Ion:107 Resp: 335854
Ion Ratio Lower Upper
107 100
144 25.7 20.0 30.0
142 81.3 61.3 91.9





#37

2-Methylnaphthalene

Concen: 41.112 ng

RT: 8.639 min Scan# 1114

Delta R.T. -0.000 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB147960BS

Tgt Ion:142 Resp: 728912

Ion Ratio Lower Upper

142 100

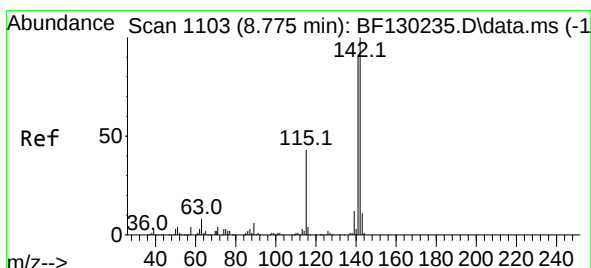
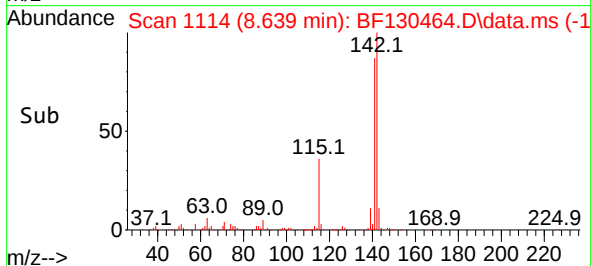
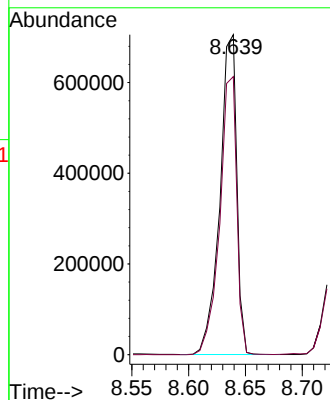
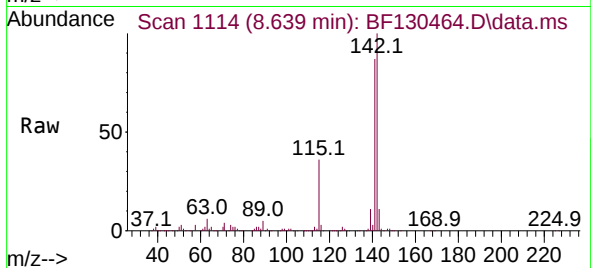
141 86.9 70.0 105.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/30/2022

Supervised By :Jagrut Upadhyay 09/30/2022



#38

1-Methylnaphthalene

Concen: 40.321 ng

RT: 8.733 min Scan# 1130

Delta R.T. -0.006 min

Lab File: BF130464.D

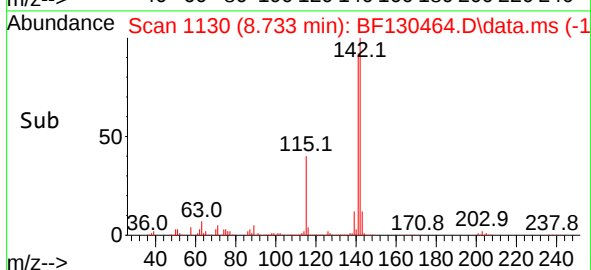
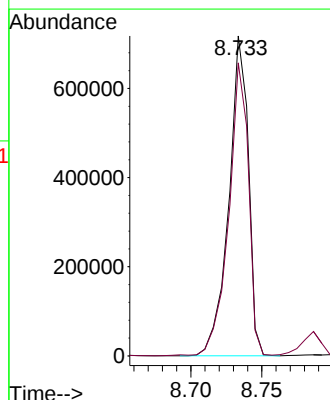
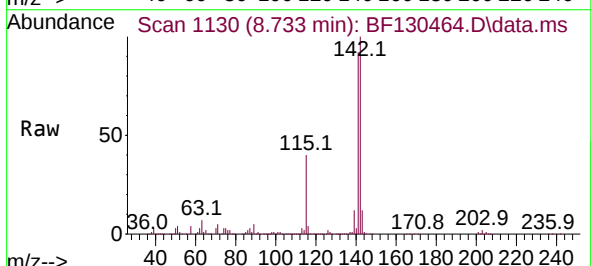
Acq: 29 Sep 2022 12:45

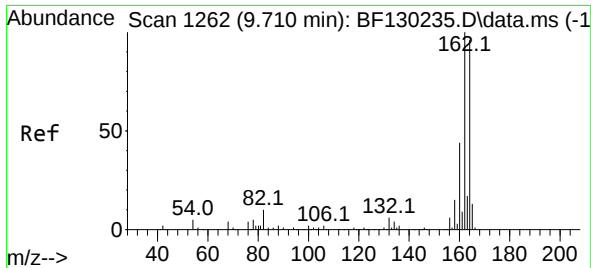
Tgt Ion:142 Resp: 686746

Ion Ratio Lower Upper

142 100

141 91.6 73.8 110.8





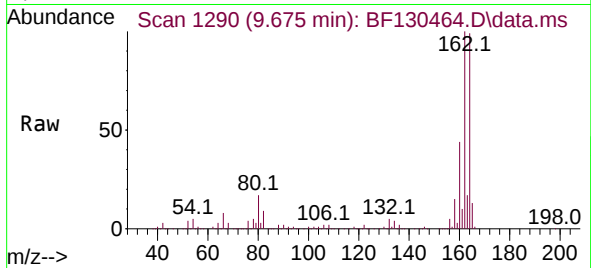
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB147960BS

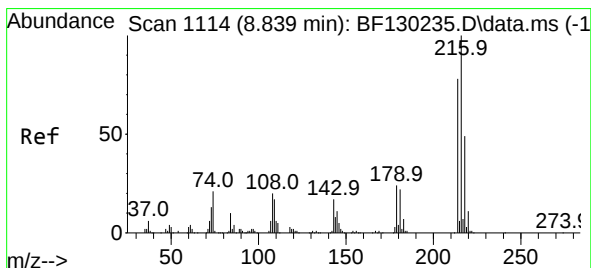
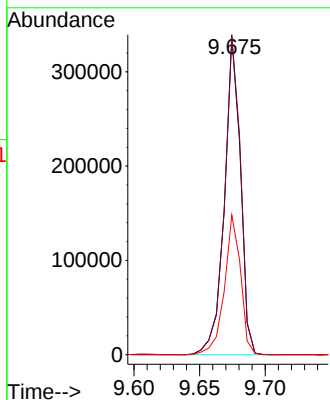
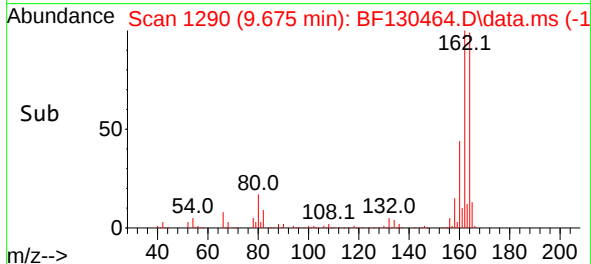


Tgt Ion:164 Resp: 286773
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 44.0 36.2 54.4

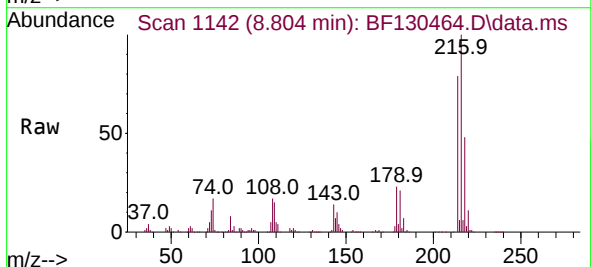
Manual Integrations

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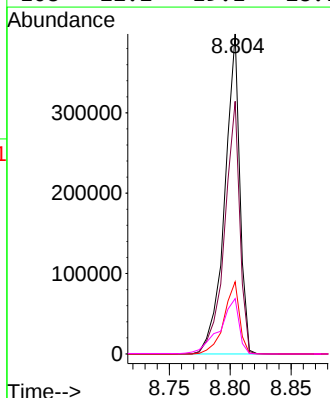
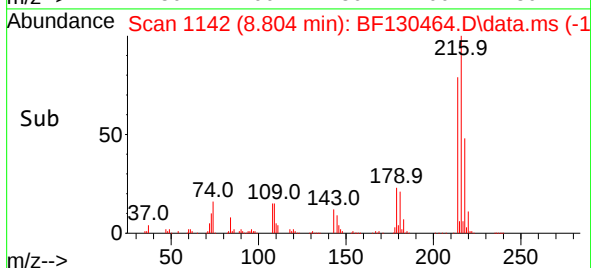
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.776 ng
RT: 8.804 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45



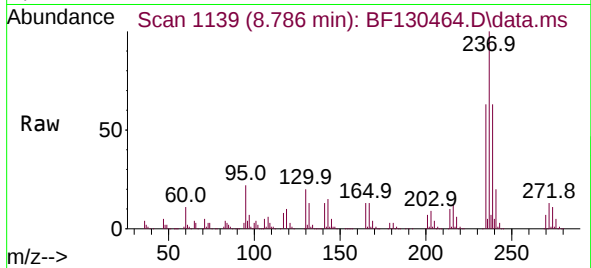
Tgt Ion:216 Resp: 342596
Ion Ratio Lower Upper
216 100
214 78.9 62.8 94.2
179 22.8 19.5 29.3
108 22.2 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 91.936 ng
RT: 8.786 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

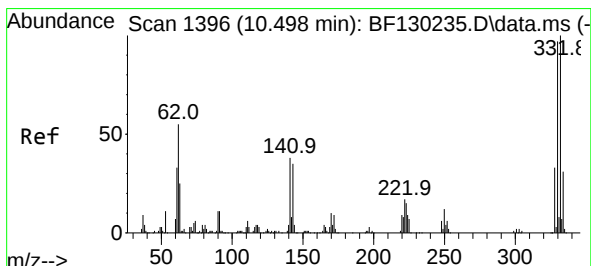
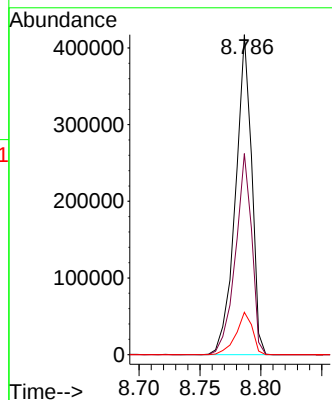
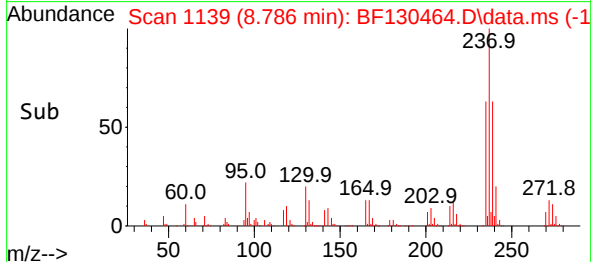
Instrument :
BNA_F
ClientSampleId :
PB147960BS



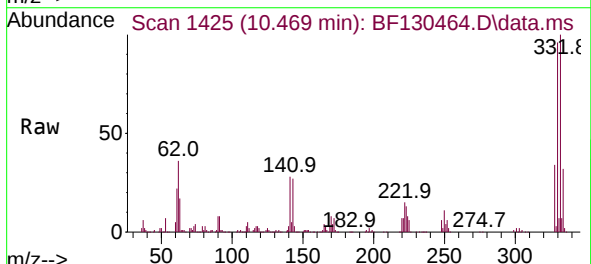
Tgt Ion: 237 Resp: 385217
Ion Ratio Lower Upper
237 100
235 62.8 42.5 82.5
272 13.2 0.0 32.8

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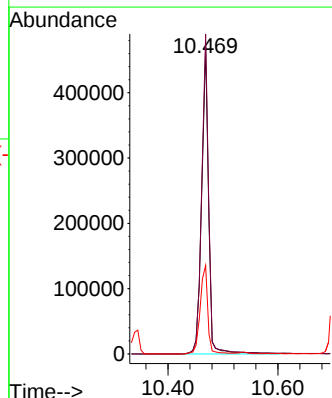
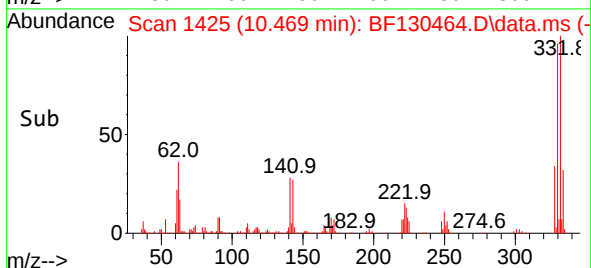
Reviewed By : Christian Giraldo 09/30/2022
Supervised By : Jagrut Upadhyay 09/30/2022

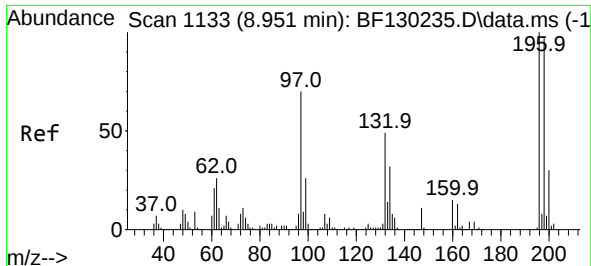


#42
2,4,6-Tribromophenol
Concen: 149.769 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45



Tgt Ion: 330 Resp: 411539
Ion Ratio Lower Upper
330 100
332 104.6 83.4 125.2
141 31.4 34.0 51.0#





#43

2,4,6-Trichlorophenol

Concen: 40.121 ng

RT: 8.922 min Scan# 1162

Delta R.T. -0.000 min

Lab File: BF130464.D

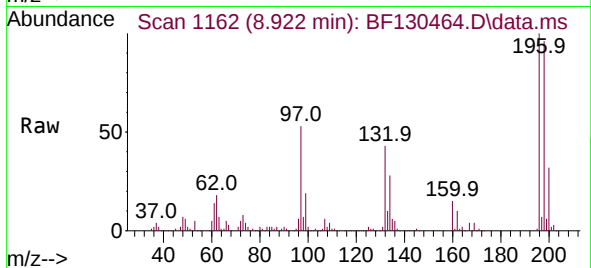
Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB147960BS



Tgt Ion:196 Resp: 21914

Ion Ratio Lower Upper

196 100

198 95.9 72.4 108.6

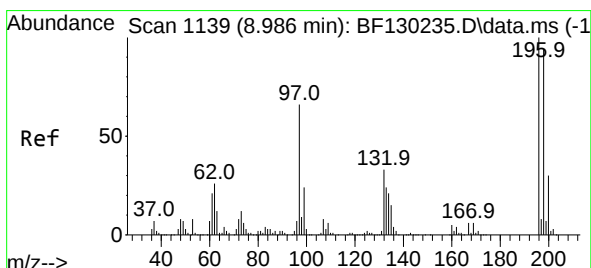
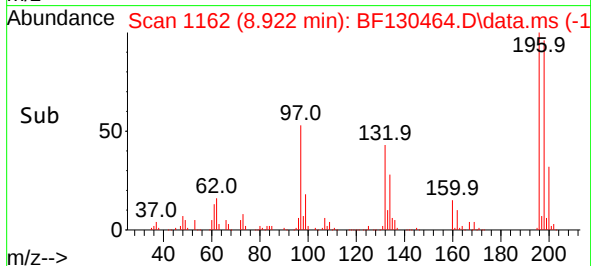
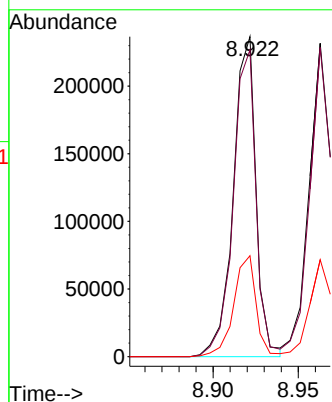
200 31.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/30/2022

Supervised By :Jagrut Upadhyay 09/30/2022



#44

2,4,5-Trichlorophenol

Concen: 40.800 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

Tgt Ion:196 Resp: 240475

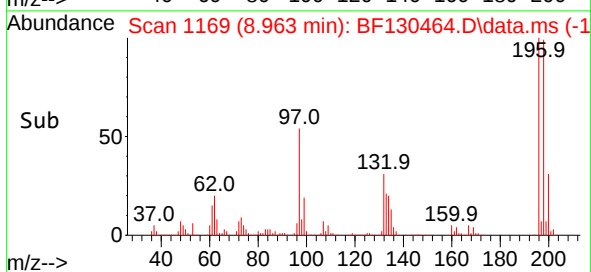
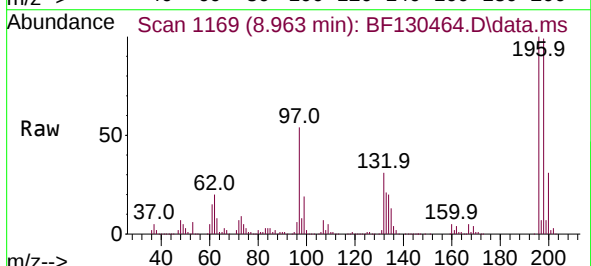
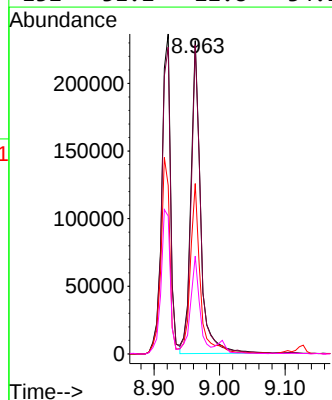
Ion Ratio Lower Upper

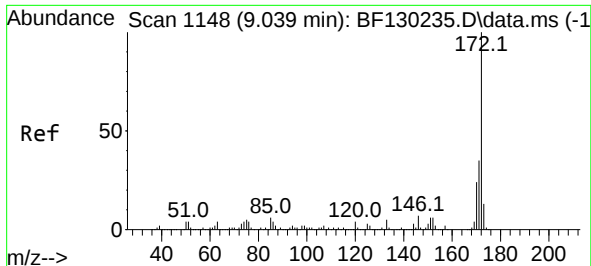
196 100

198 98.7 74.8 112.2

97 54.4 43.7 65.5

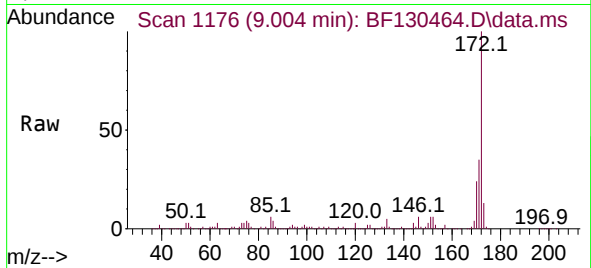
132 31.2 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 79.677 ng
RT: 9.004 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

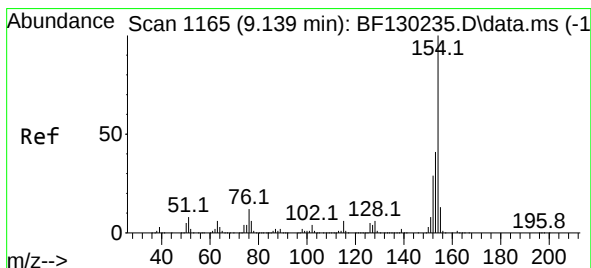
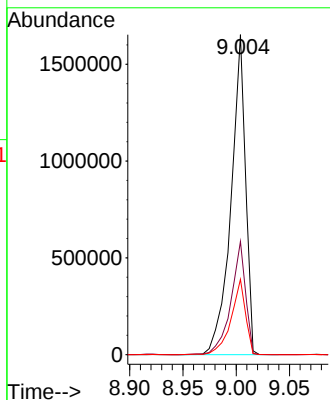
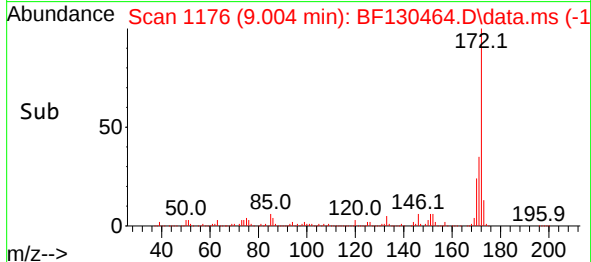
Instrument :
BNA_F
ClientSampleId :
PB147960BS



Tgt Ion:172 Resp: 1569105
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.6 18.7 28.1

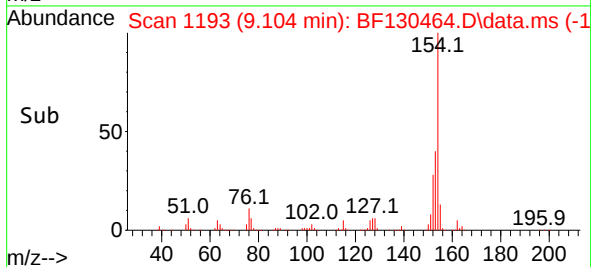
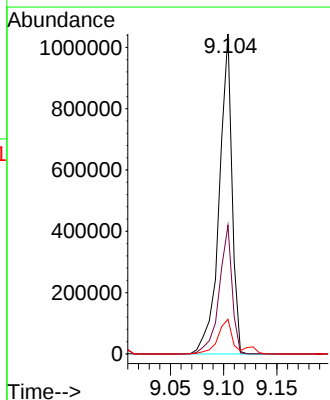
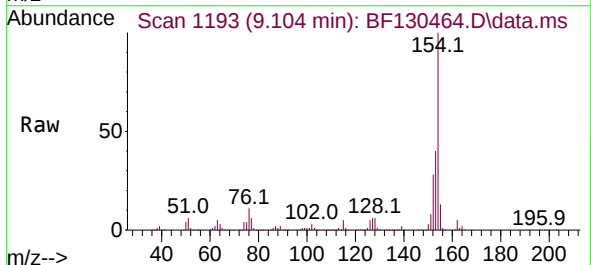
Manual Integrations
APPROVED

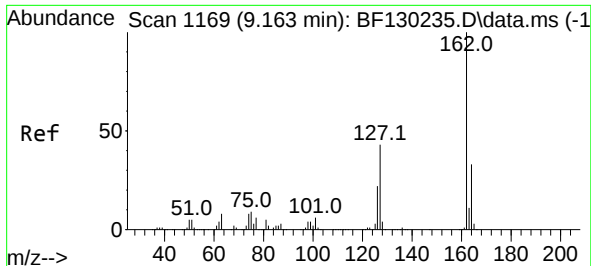
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#46
1,1'-Biphenyl
Concen: 40.750 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Tgt Ion:154 Resp: 872766
Ion Ratio Lower Upper
154 100
153 40.2 20.0 60.0
76 10.8 0.0 33.3





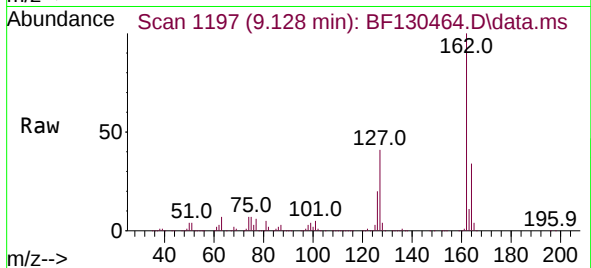
#47
2-Chloronaphthalene
Concen: 39.635 ng
RT: 9.128 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB147960BS

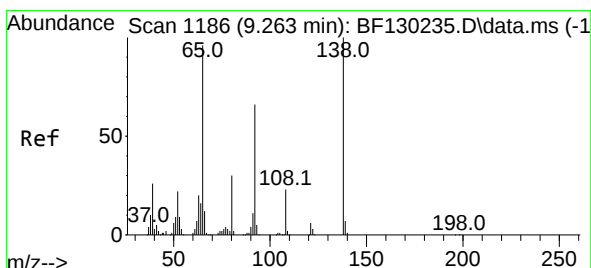
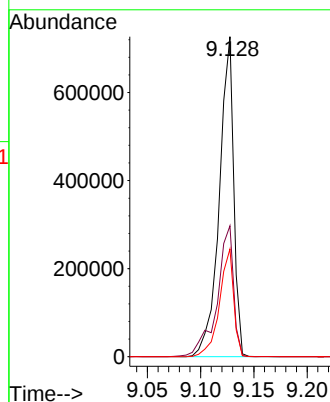
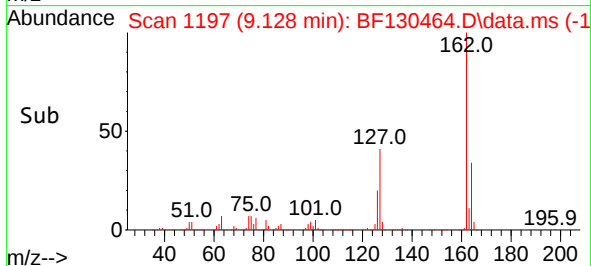


Tgt Ion:162 Resp: 686695
Ion Ratio Lower Upper
162 100
127 40.9 35.9 53.9
164 33.6 26.2 39.2

Manual Integrations

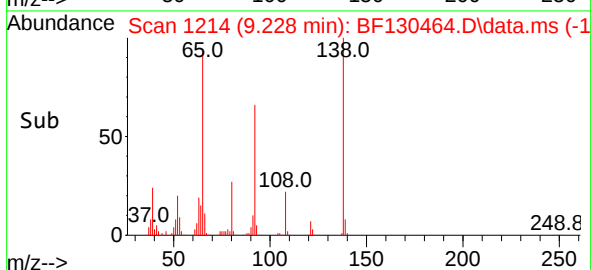
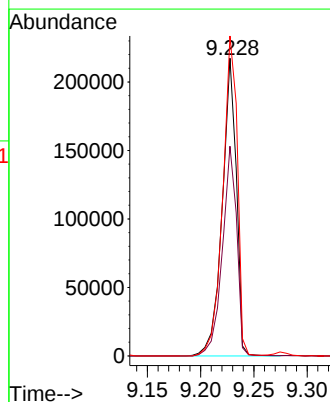
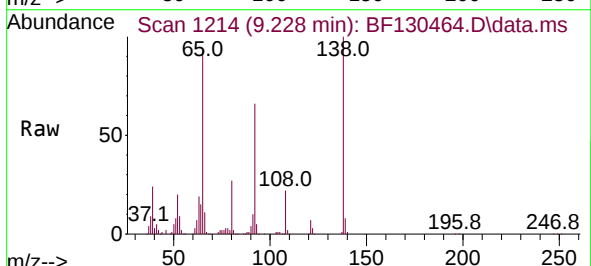
APPROVED

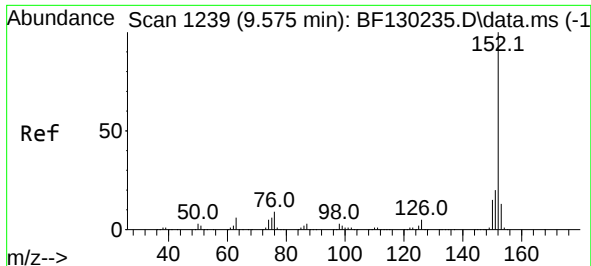
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#48
2-Nitroaniline
Concen: 34.697 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Tgt Ion: 65 Resp: 200500
Ion Ratio Lower Upper
65 100
92 70.5 52.2 78.4
138 107.5 77.0 115.4





#49

Acenaphthylene

Concen: 39.366 ng

RT: 9.539 min Scan# 1267

Delta R.T. -0.000 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB147960BS

Tgt Ion:152 Resp: 102259

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

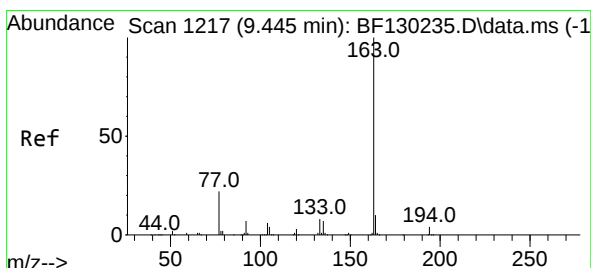
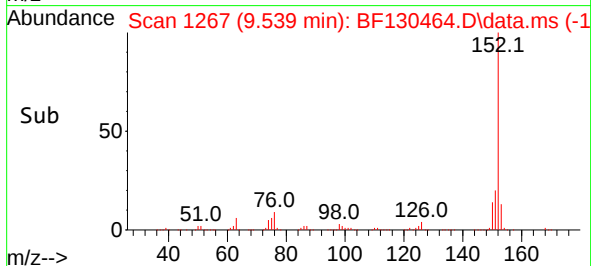
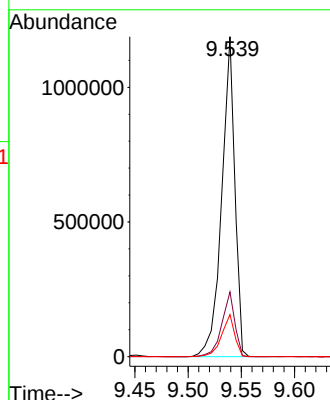
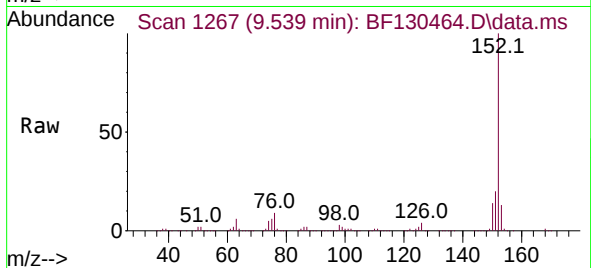
153 13.1 10.6 15.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/30/2022

Supervised By :Jagrut Upadhyay 09/30/2022



#50

Dimethylphthalate

Concen: 39.829 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

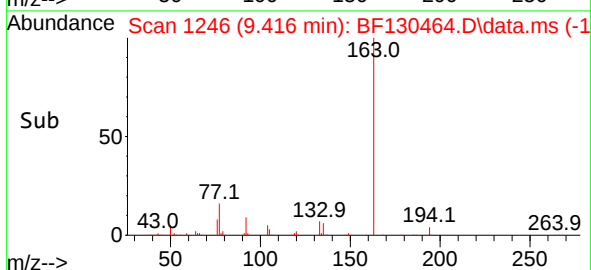
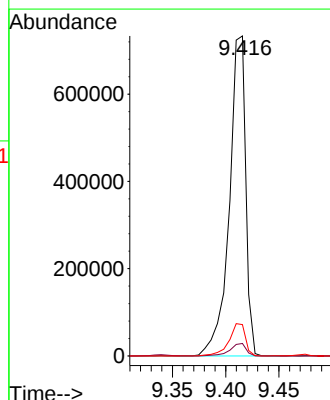
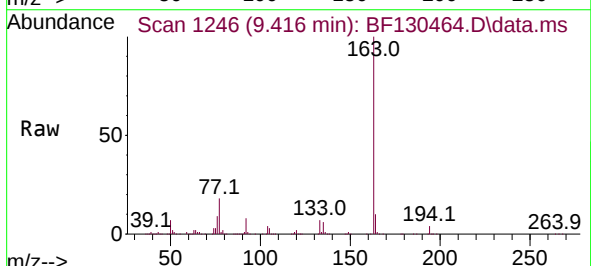
Tgt Ion:163 Resp: 788969

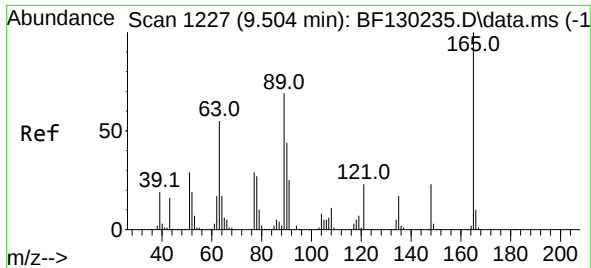
Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

164 9.8 8.2 12.2





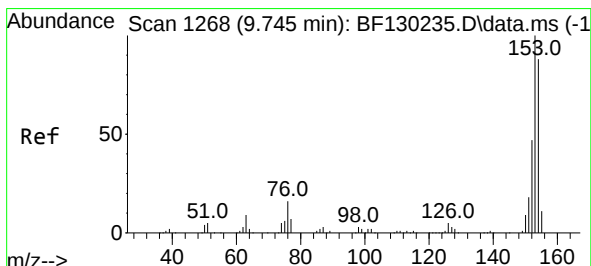
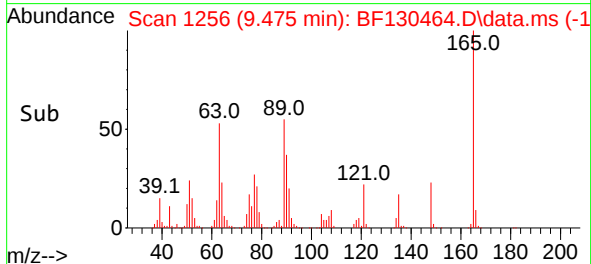
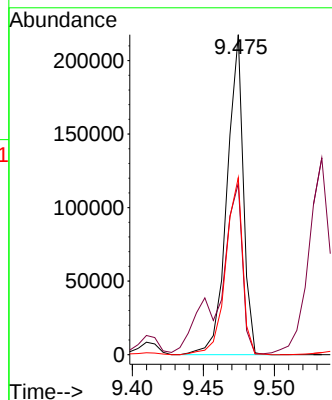
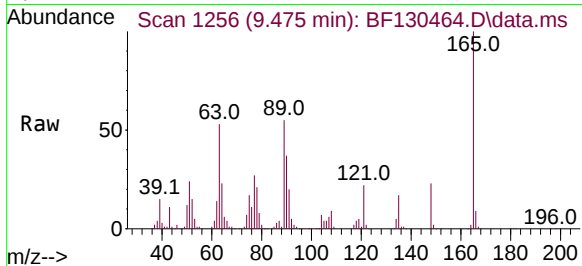
#51
2,6-Dinitrotoluene
Concen: 42.057 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Instrument :
BNA_F
ClientSampleId :
PB147960BS

Tgt Ion:165 Resp: 174234
Ion Ratio Lower Upper
165 100
63 53.4 58.8 88.2
89 55.3 54.5 81.7

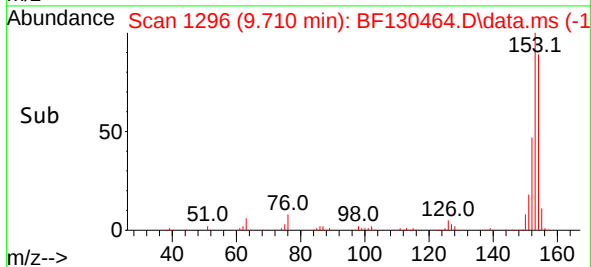
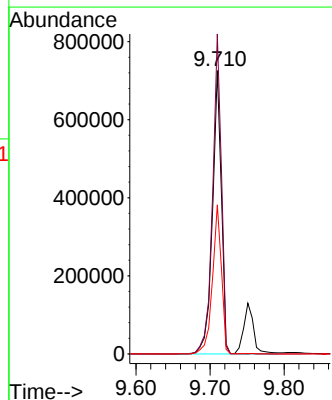
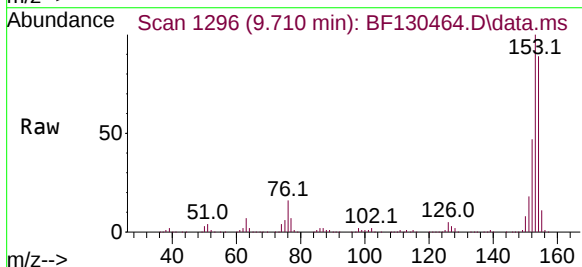
Manual Integrations
APPROVED

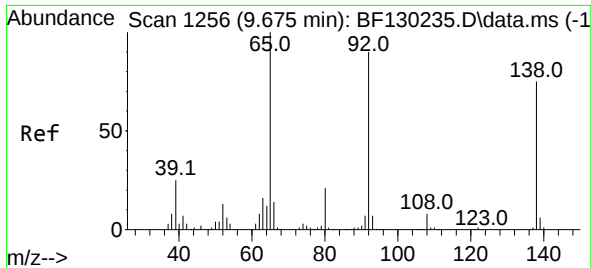
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#52
Acenaphthene
Concen: 42.783 ng m
RT: 9.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Tgt Ion:154 Resp: 730200
Ion Ratio Lower Upper
154 100
153 112.9 90.6 136.0
152 52.6 43.8 65.6





#53
3-Nitroaniline
Concen: 31.828 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

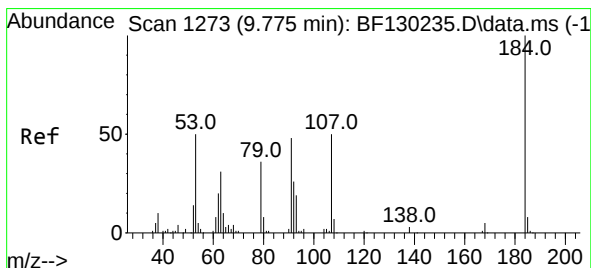
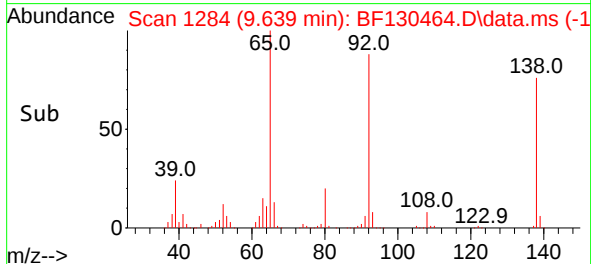
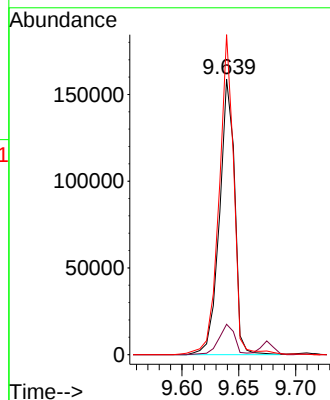
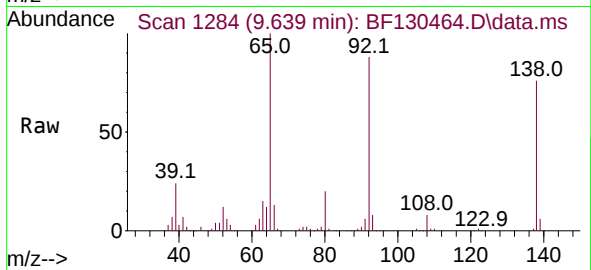
ClientSampleId :

PB147960BS

Tgt Ion:138 Resp: 146928
Ion Ratio Lower Upper
138 100
108 11.0 9.2 13.8
92 116.1 99.2 148.8

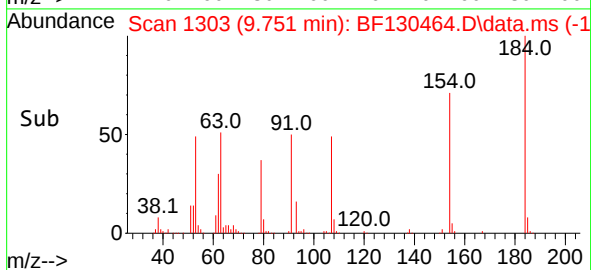
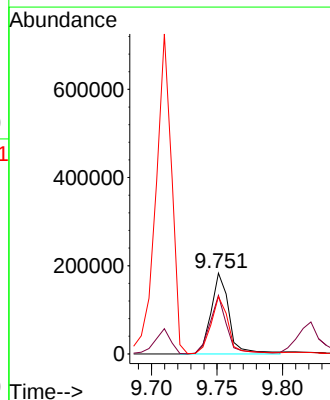
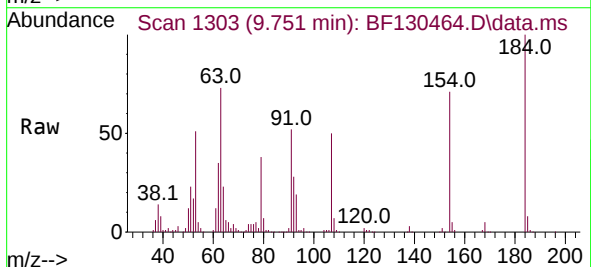
Manual Integrations
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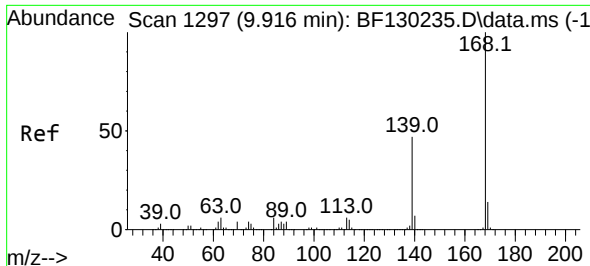
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#54
2,4-Dinitrophenol
Concen: 77.929 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

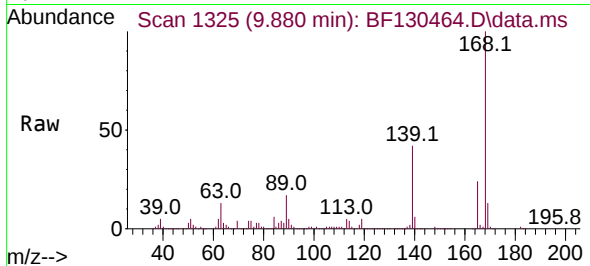
Tgt Ion:184 Resp: 174739
Ion Ratio Lower Upper
184 100
63 72.5 70.0 105.0
154 70.9 63.0 94.6





#55
Dibenzofuran
Concen: 39.469 ng
RT: 9.880 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

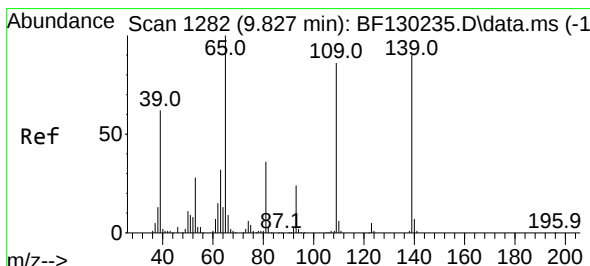
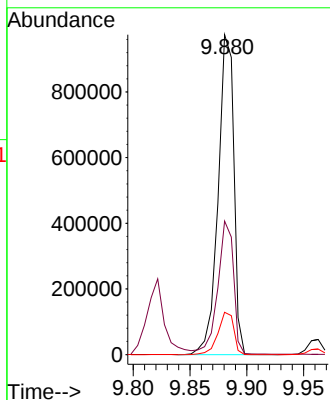
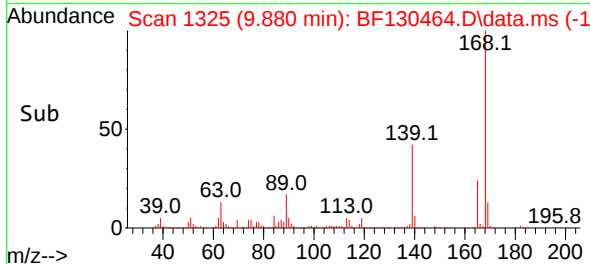
Instrument :
BNA_F
ClientSampleId :
PB147960BS



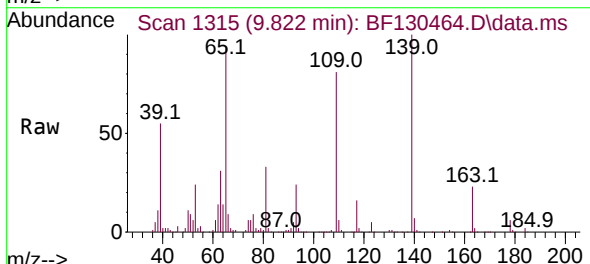
Tgt Ion:168 Resp: 936986
Ion Ratio Lower Upper
168 100
139 41.7 35.0 52.4
169 13.2 10.9 16.3

Manual Integrations
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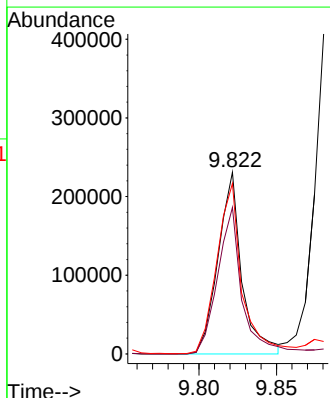
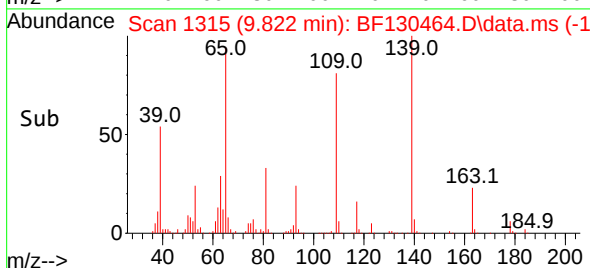
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

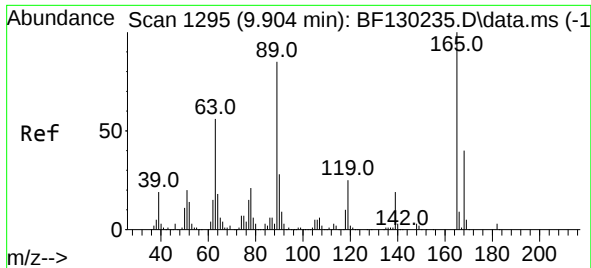


#56
4-Nitrophenol
Concen: 73.647 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.012 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45



Tgt Ion:139 Resp: 247623
Ion Ratio Lower Upper
139 100
109 80.7 72.2 112.2
65 93.8 97.7 137.7#





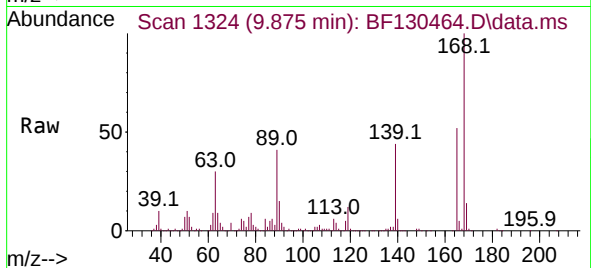
#57
2,4-Dinitrotoluene
Concen: 43.767 ng
RT: 9.875 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB147960BS

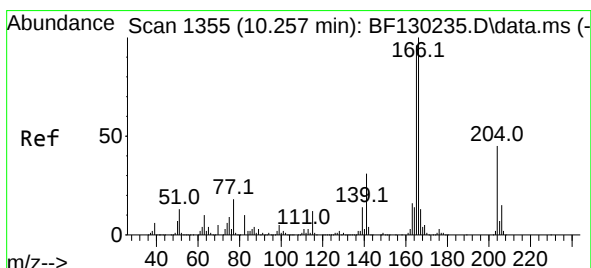
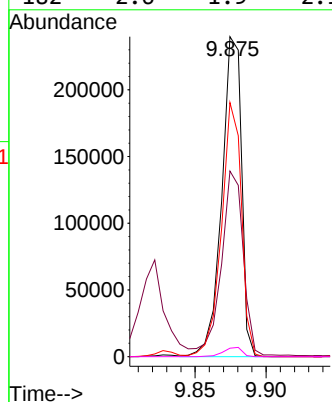


Tgt Ion:165 Resp: 231730
Ion Ratio Lower Upper
165 100
63 58.0 44.7 67.1
89 79.4 69.0 103.4
182 2.6 1.9 2.9

Manual Integrations

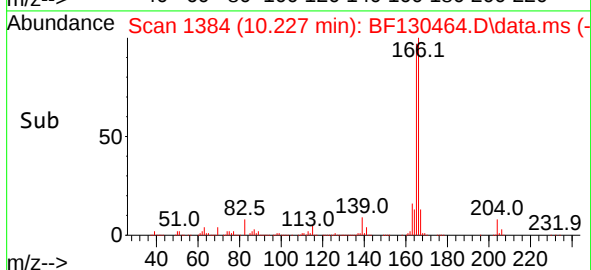
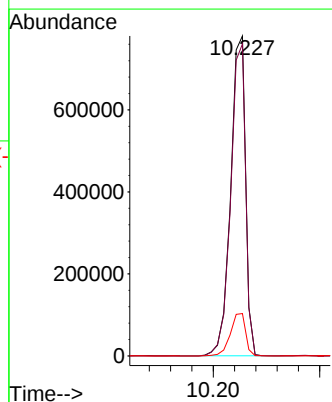
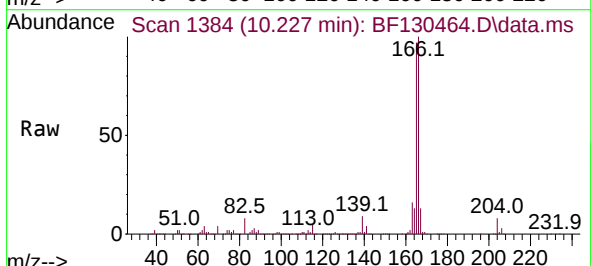
APPROVED

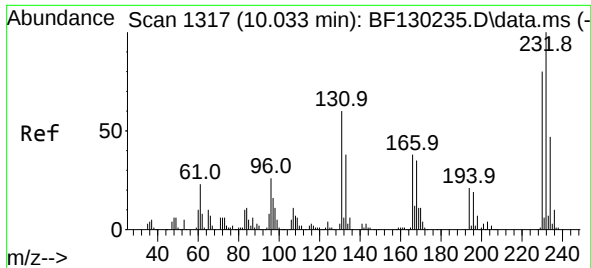
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#58
Fluorene
Concen: 38.994 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

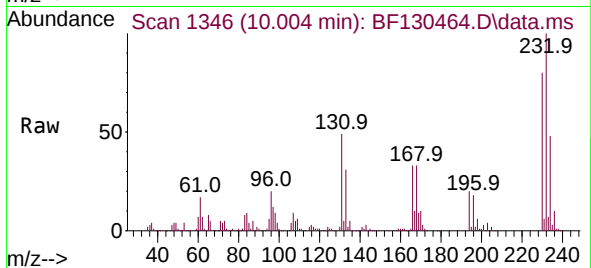
Tgt Ion:166 Resp: 757071
Ion Ratio Lower Upper
166 100
165 97.5 78.8 118.2
167 13.2 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.539 ng
RT: 10.004 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

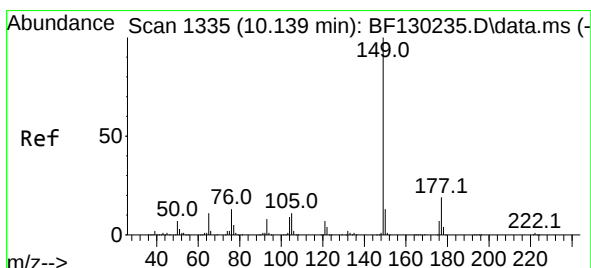
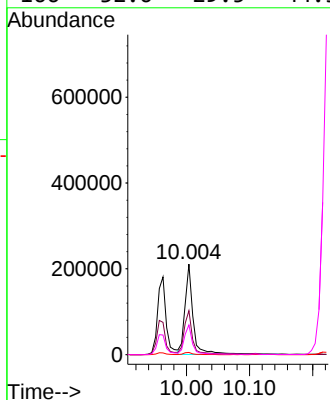
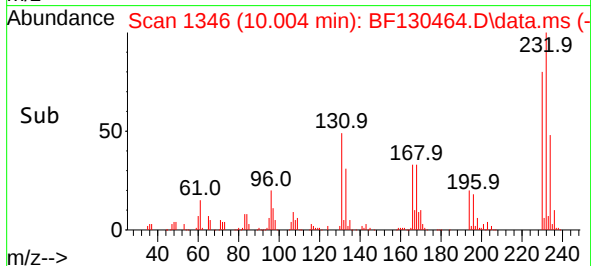
Instrument :
BNA_F
ClientSampleId :
PB147960BS



Tgt Ion:232 Resp: 187021
Ion Ratio Lower Upper
232 100
131 51.2 46.4 69.6
130 2.7 2.3 3.5
166 32.6 29.5 44.3

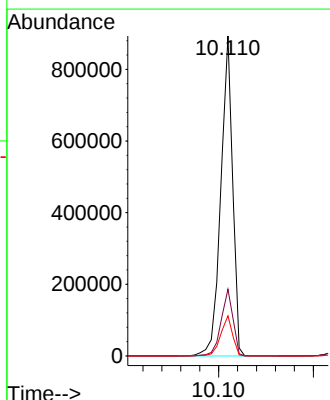
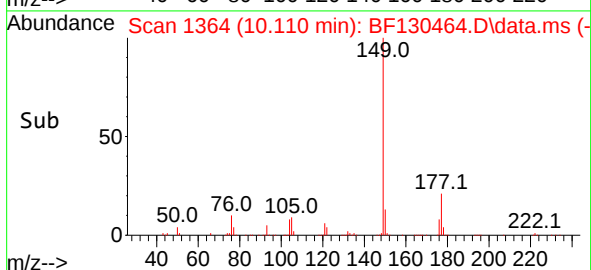
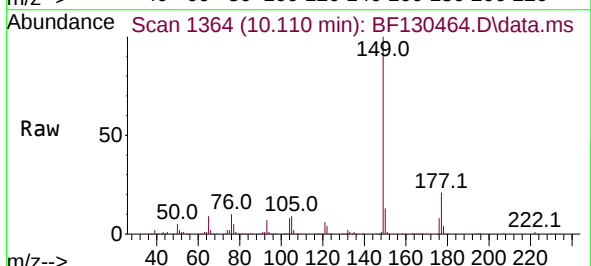
Manual Integrations
APPROVED

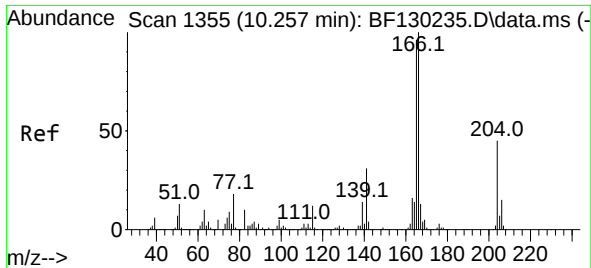
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#60
Diethylphthalate
Concen: 38.800 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Tgt Ion:149 Resp: 770754
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.5 9.9 14.9





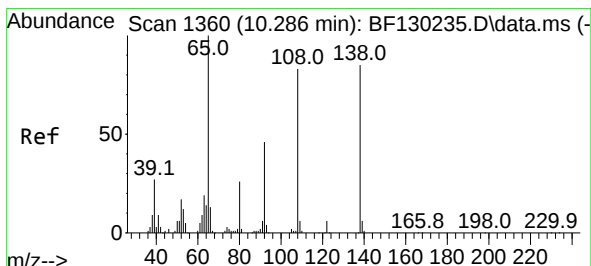
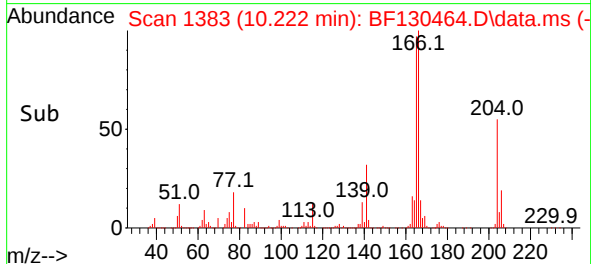
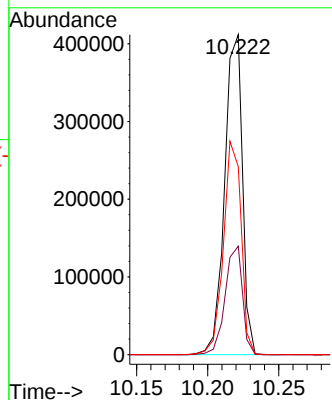
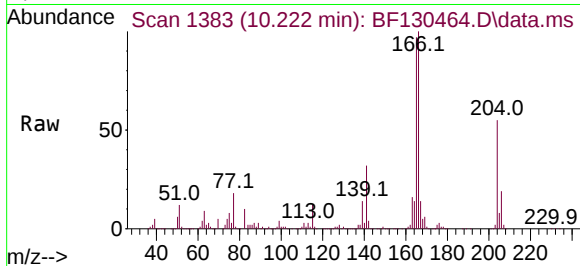
#61
4-Chlorophenyl-phenylether
Concen: 42.103 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Instrument :
BNA_F
ClientSampleId :
PB147960BS

Tgt Ion:204 Resp: 358585
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 58.7 57.1 85.7

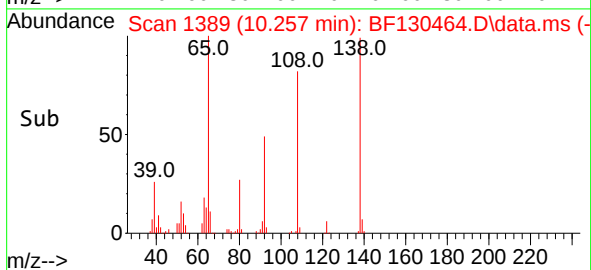
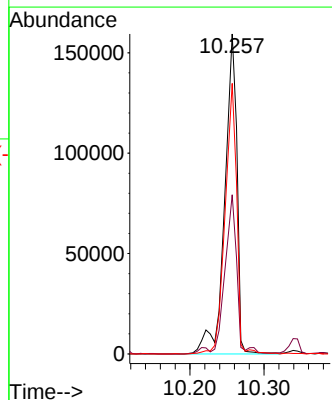
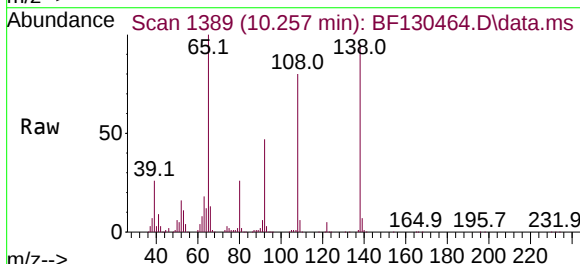
Manual Integrations
APPROVED

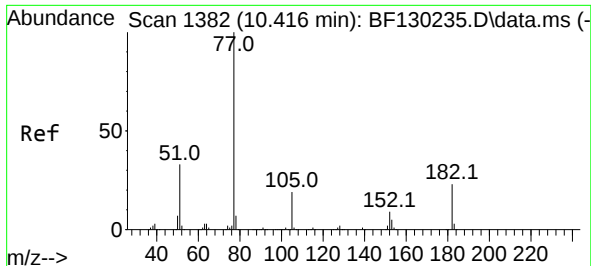
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#62
4-Nitroaniline
Concen: 39.346 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Tgt Ion:138 Resp: 182462
Ion Ratio Lower Upper
138 100
92 49.7 36.7 76.7
108 84.5 78.2 118.2





#63
Azobenzene
Concen: 33.873 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

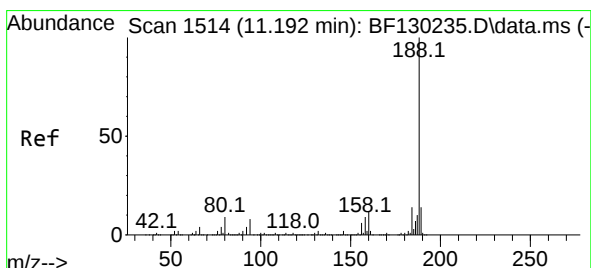
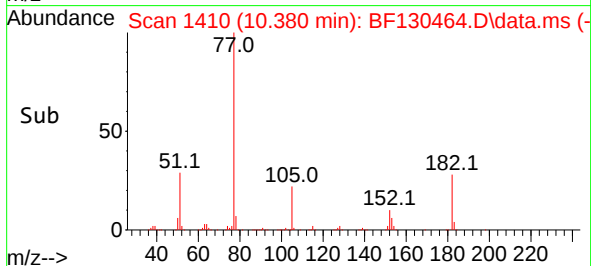
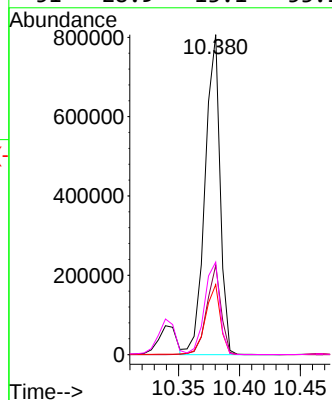
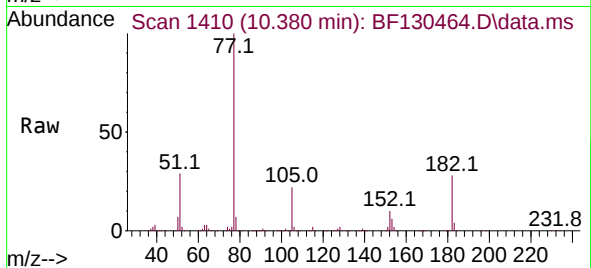
PB147960BS

Tgt Ion: 77 Resp: 692859
Ion Ratio Lower Upper
77 100
182 27.9 2.1 42.1
105 21.9 0.0 39.4
51 28.9 13.1 53.1

Manual Integrations

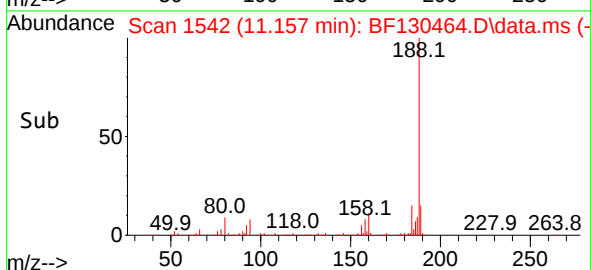
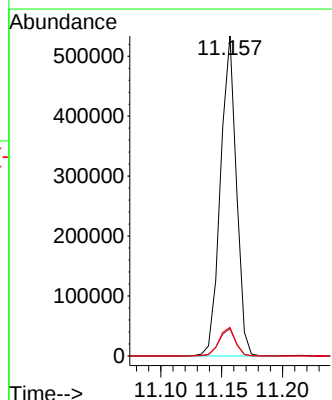
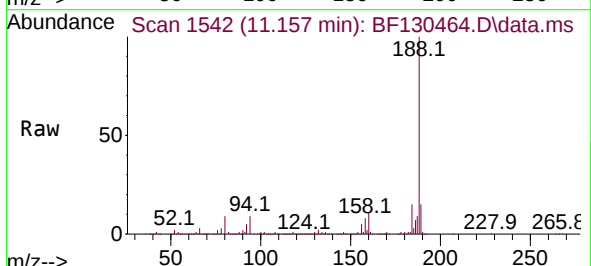
APPROVED

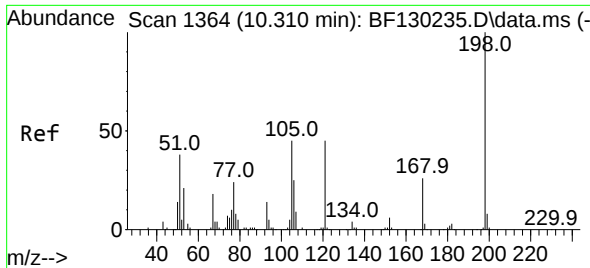
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Tgt Ion:188 Resp: 483383
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 8.9 7.9 11.9





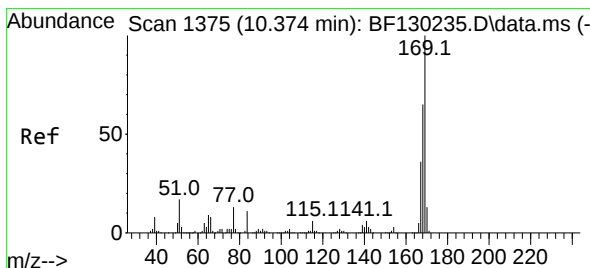
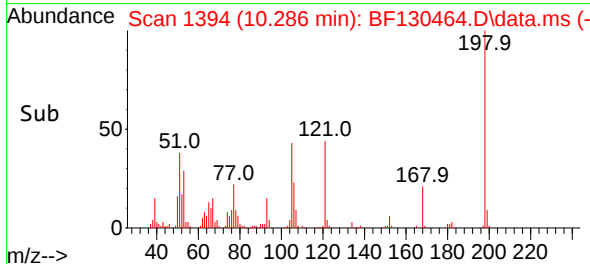
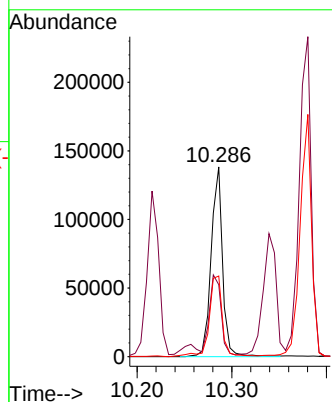
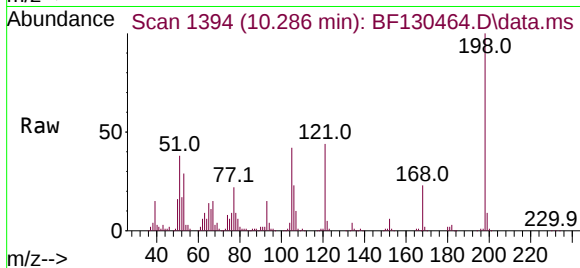
#65
4,6-Dinitro-2-methylphenol
Concen: 43.220 ng
RT: 10.286 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Instrument :
BNA_F
ClientSampleId :
PB147960BS

Tgt Ion:198 Resp: 116298
Ion Ratio Lower Upper
198 100
51 37.9 36.9 76.9
105 42.4 33.0 73.0

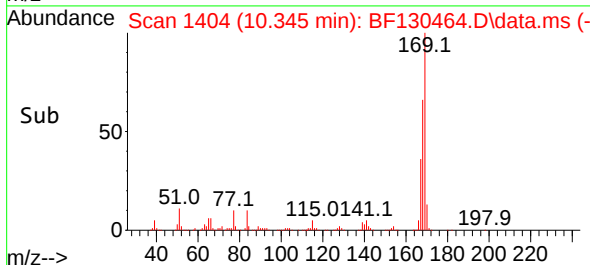
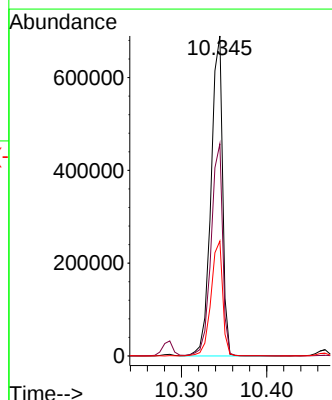
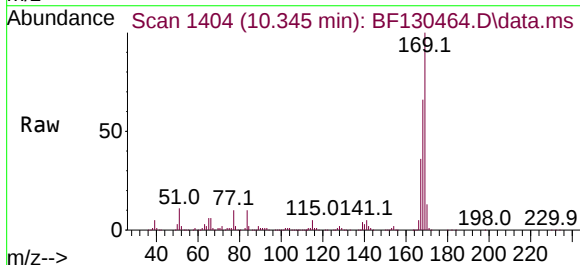
Manual Integrations
APPROVED

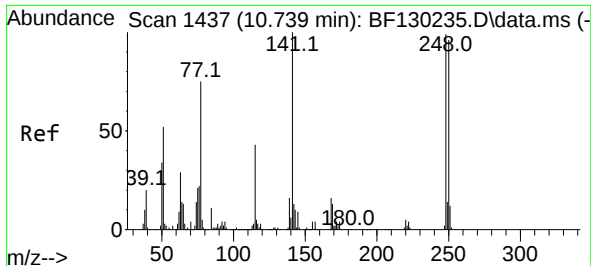
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#66
n-Nitrosodiphenylamine
Concen: 40.236 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

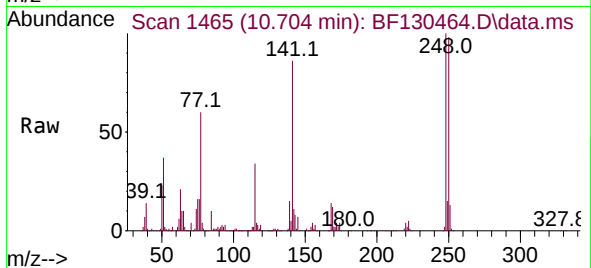
Tgt Ion:169 Resp: 649941
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 35.9 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 43.291 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

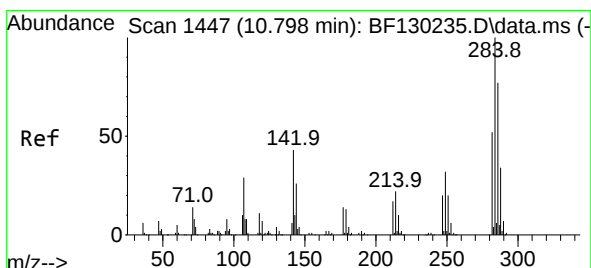
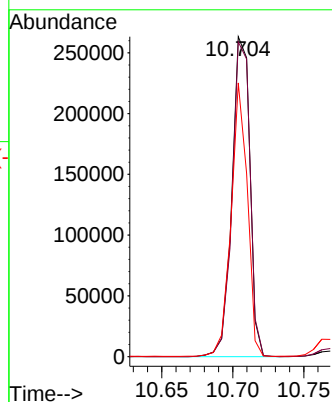
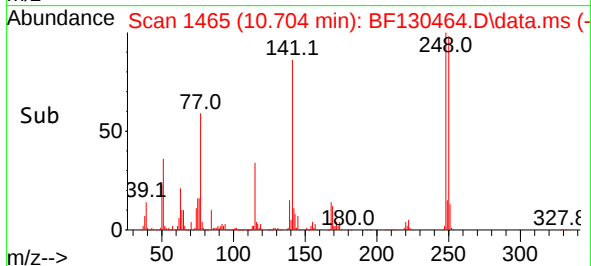
Instrument :
BNA_F
ClientSampleId :
PB147960BS



Tgt Ion:248 Resp: 230850
Ion Ratio Lower Upper
248 100
250 98.4 80.0 120.0
141 85.5 68.5 102.7

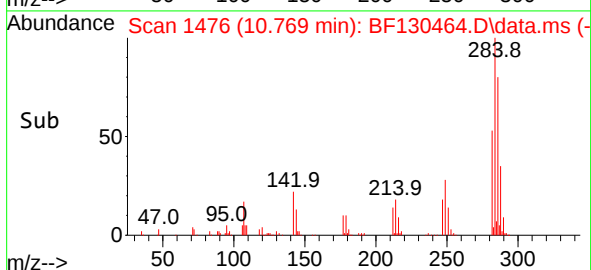
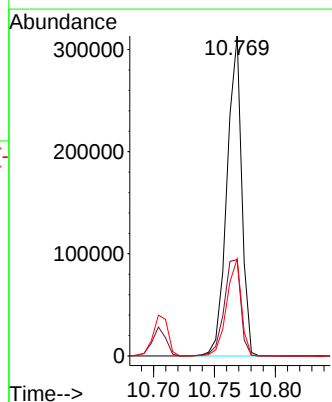
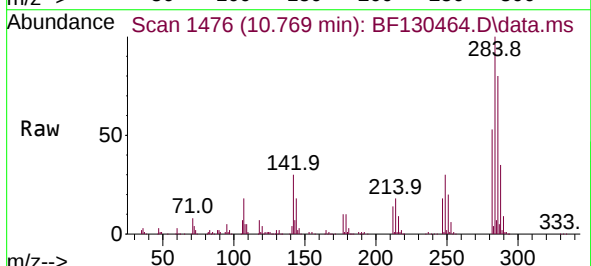
Manual Integrations
APPROVED

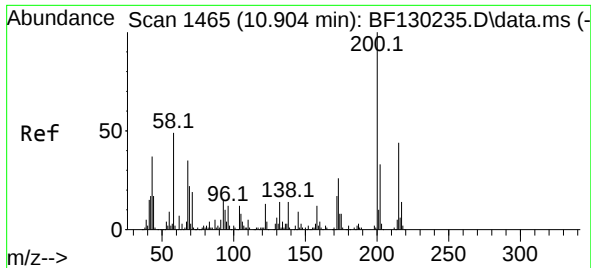
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#68
Hexachlorobenzene
Concen: 43.612 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

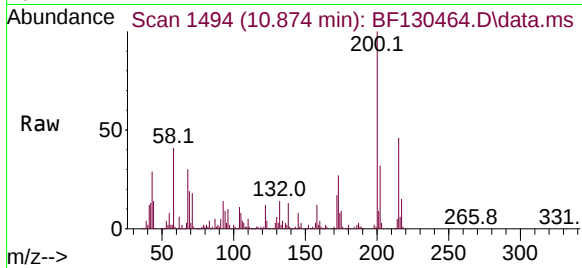
Tgt Ion:284 Resp: 263625
Ion Ratio Lower Upper
284 100
142 30.1 27.2 40.8
249 30.3 23.8 35.8





#69
 Atrazine
 Concen: 44.787 ng
 RT: 10.874 min Scan# 1465
 Delta R.T. -0.000 min
 Lab File: BF130464.D
 Acq: 29 Sep 2022 12:45

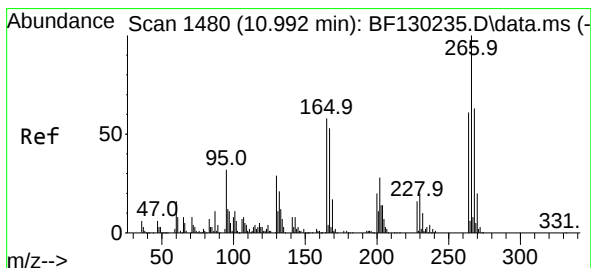
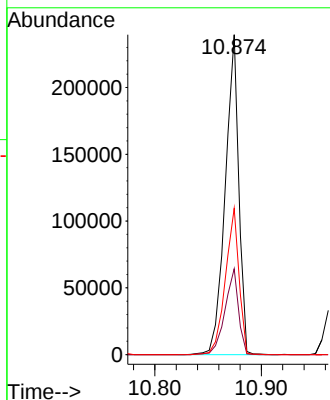
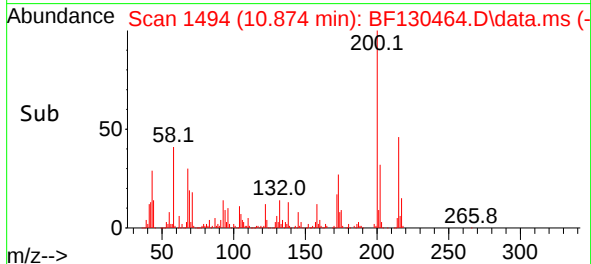
Instrument :
 BNA_F
 ClientSampleId :
 PB147960BS



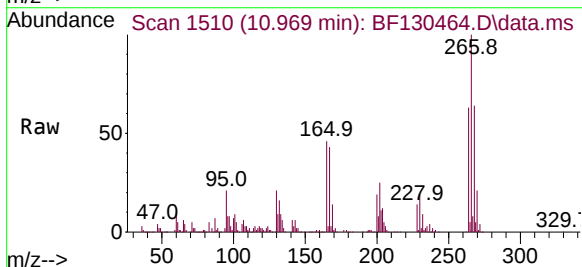
Tgt Ion:200 Resp: 211420
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.2 46.2
 215 45.7 22.5 62.5

Manual Integrations
 APPROVED

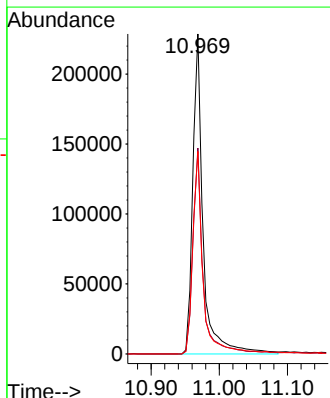
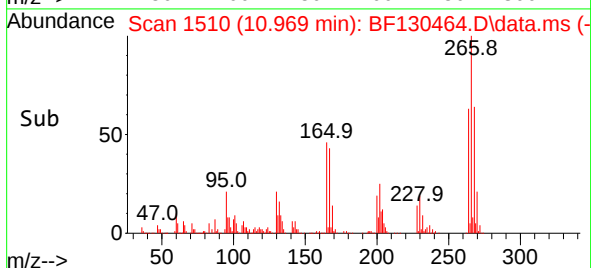
Reviewed By :Christian Giraldo 09/30/2022
 Supervised By :Jagrut Upadhyay 09/30/2022

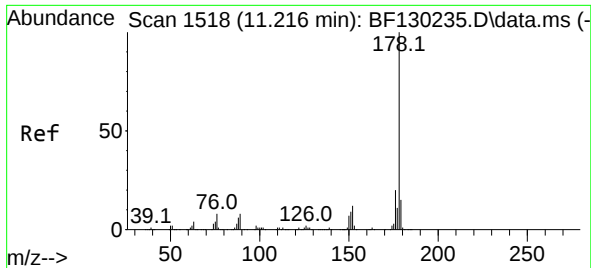


#70
 Pentachlorophenol
 Concen: 74.405 ng
 RT: 10.969 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: BF130464.D
 Acq: 29 Sep 2022 12:45



Tgt Ion:266 Resp: 241381
 Ion Ratio Lower Upper
 266 100
 268 64.3 50.5 75.7
 264 63.3 50.5 75.7





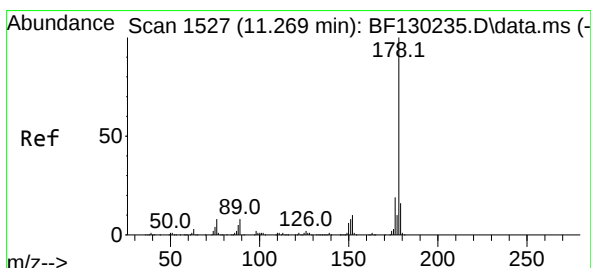
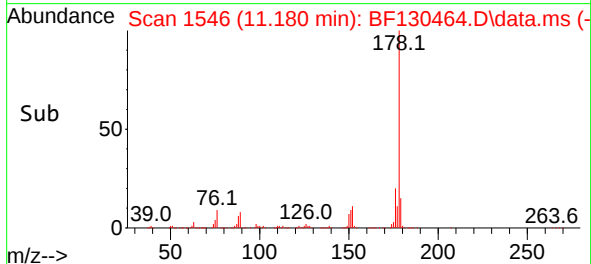
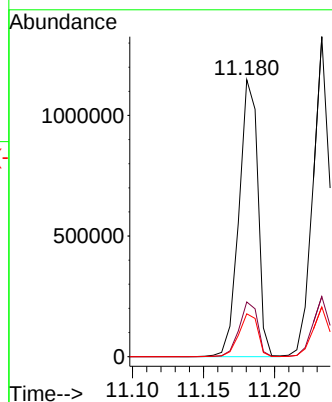
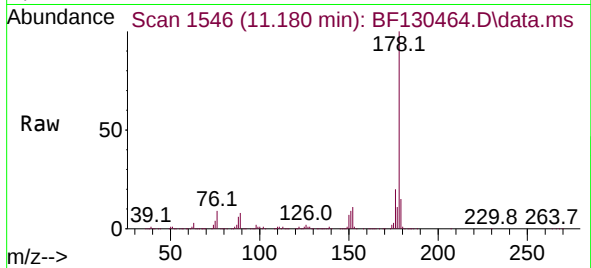
#71
Phenanthrene
Concen: 39.065 ng
RT: 11.180 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Instrument :
BNA_F
ClientSampleId :
PB147960BS

Tgt Ion:178 Resp: 1060179
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.5 12.4 18.6

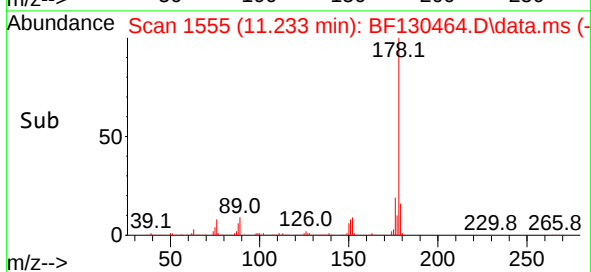
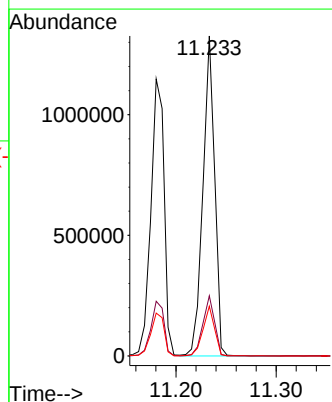
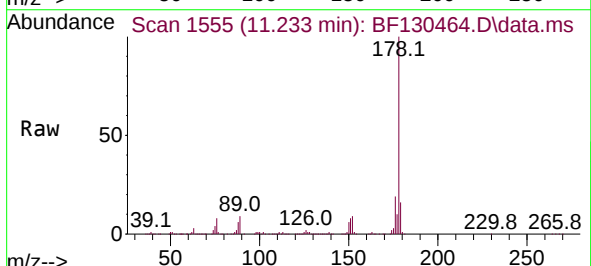
Manual Integrations
APPROVED

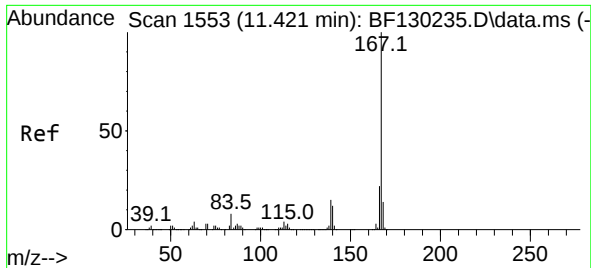
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#72
Anthracene
Concen: 41.045 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

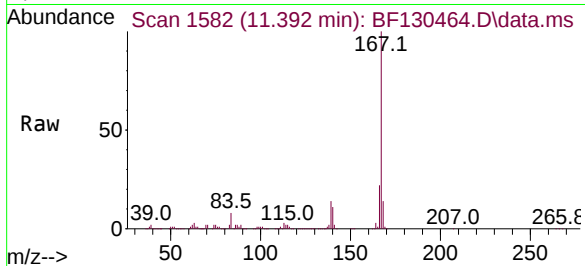
Tgt Ion:178 Resp: 1074958
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.5 12.7 19.1





#73
 Carbazole
 Concen: 40.561 ng
 RT: 11.392 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: BF130464.D
 Acq: 29 Sep 2022 12:45

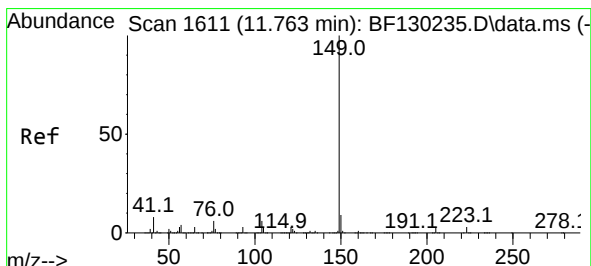
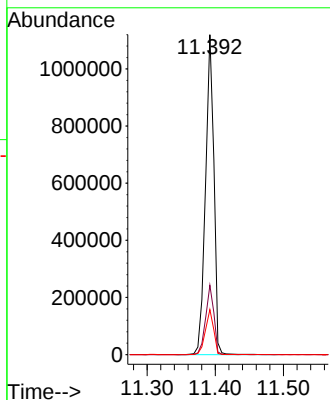
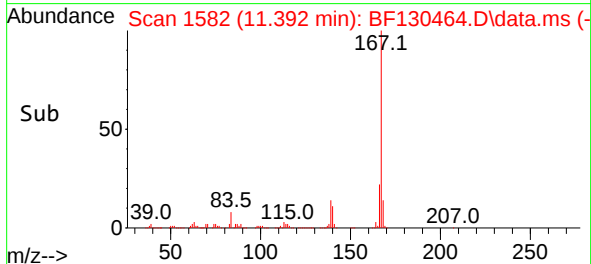
Instrument :
 BNA_F
 ClientSampleId :
 PB147960BS



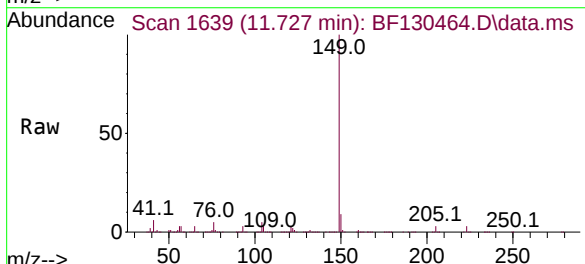
Tgt Ion:167 Resp: 958693
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 14.1 11.6 17.4

Manual Integrations
 APPROVED

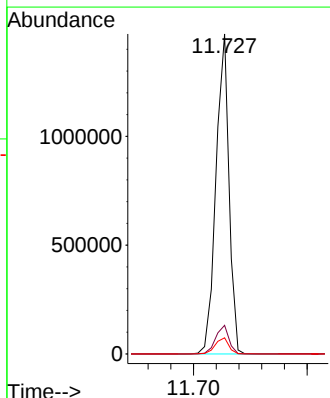
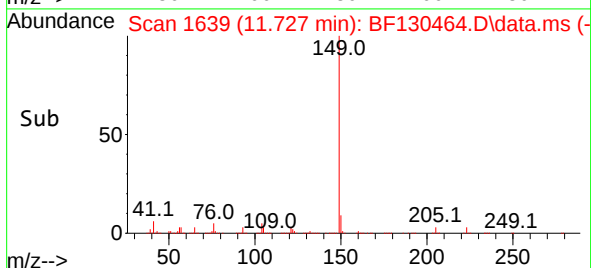
Reviewed By :Christian Giraldo 09/30/2022
 Supervised By :Jagrut Upadhyay 09/30/2022

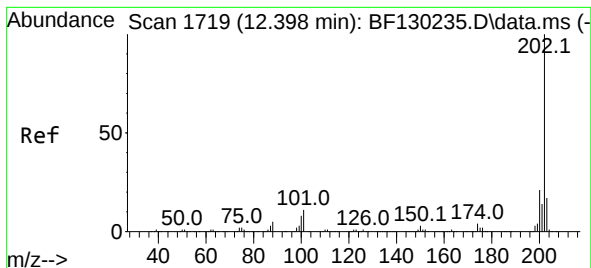


#74
 Di-n-butylphthalate
 Concen: 40.971 ng
 RT: 11.727 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: BF130464.D
 Acq: 29 Sep 2022 12:45



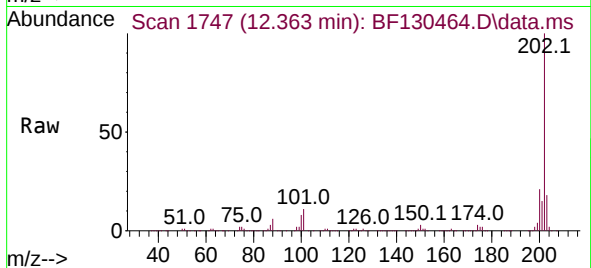
Tgt Ion:149 Resp: 1167773
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 5.0 4.8 7.2





#75
Fluoranthene
Concen: 40.217 ng
RT: 12.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

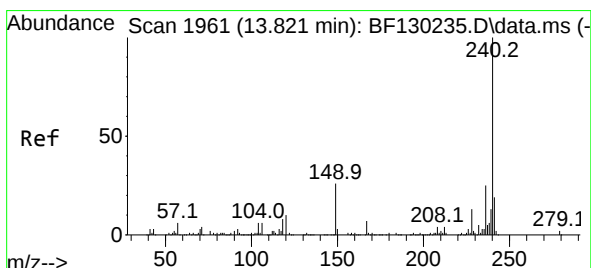
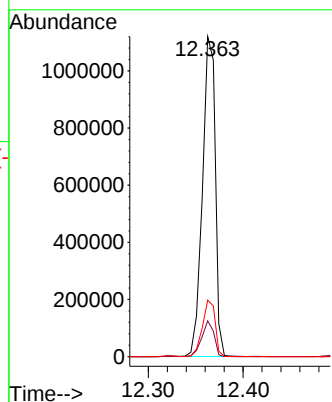
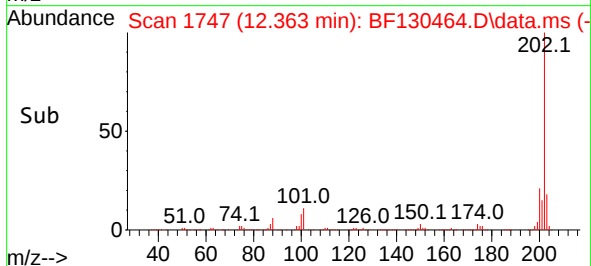
Instrument :
BNA_F
ClientSampleId :
PB147960BS



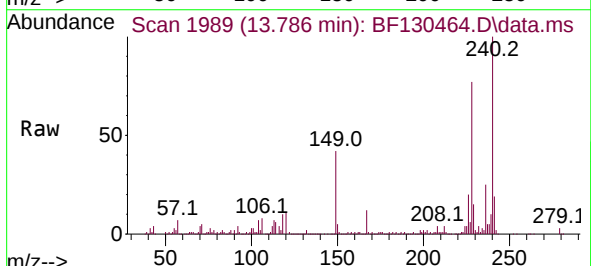
Tgt Ion:202 Resp: 1054666
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.8
203 17.6 0.0 37.8

Manual Integrations
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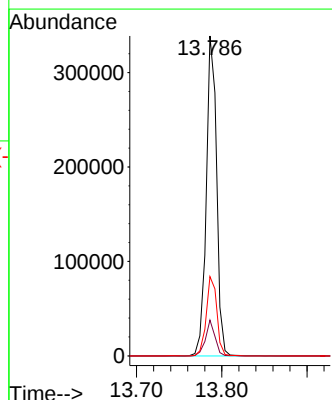
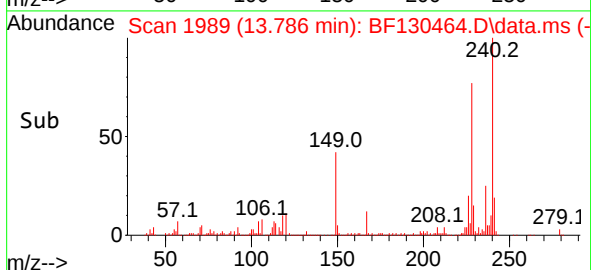
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

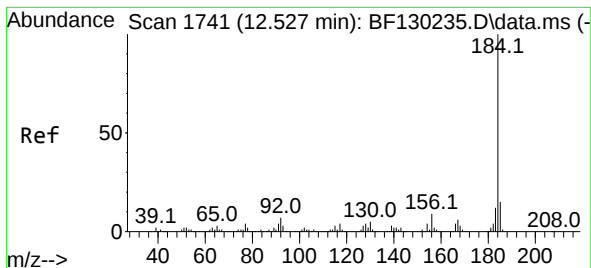


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45



Tgt Ion:240 Resp: 285381
Ion Ratio Lower Upper
240 100
120 11.2 8.7 13.1
236 24.8 20.9 31.3





#77

Benzidine

Concen: 73.718 ng

RT: 12.498 min Scan# 1770

Delta R.T. -0.000 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

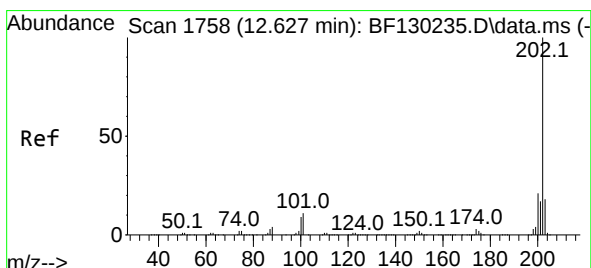
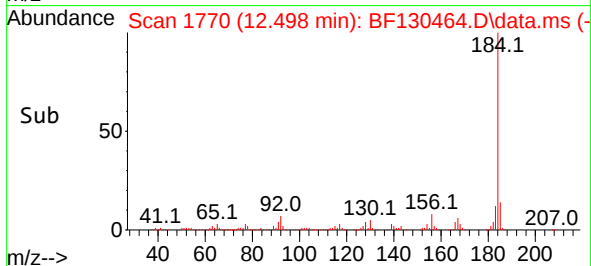
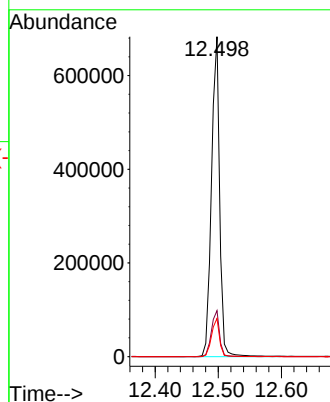
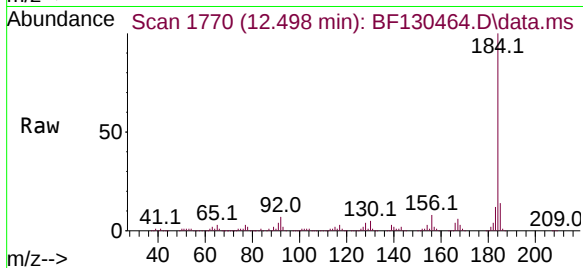
PB147960BS

Tgt Ion:184	Resp: 610702
Ion Ratio	Lower Upper
184 100	
185 14.4	11.8 17.6
183 11.9	9.1 13.7

Manual Integrations

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Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#78

Pyrene

Concen: 42.121 ng

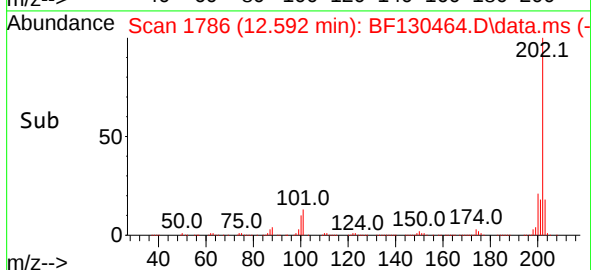
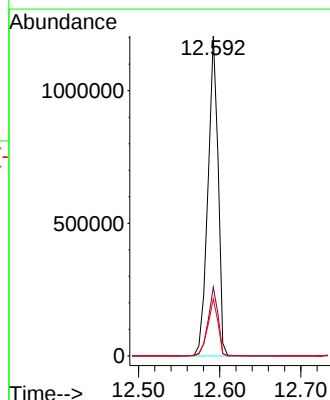
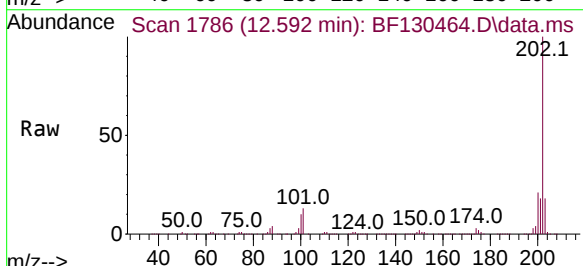
RT: 12.592 min Scan# 1786

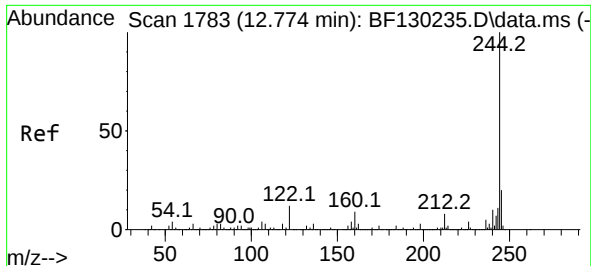
Delta R.T. -0.000 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

Tgt Ion:202	Resp: 1051571
Ion Ratio	Lower Upper
202 100	
200 21.5	17.2 25.8
203 17.9	14.3 21.5





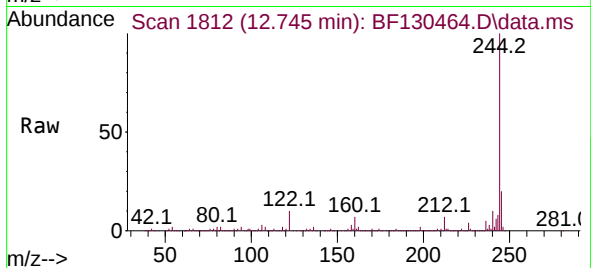
#79
Terphenyl-d14
Concen: 94.060 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB147960BS

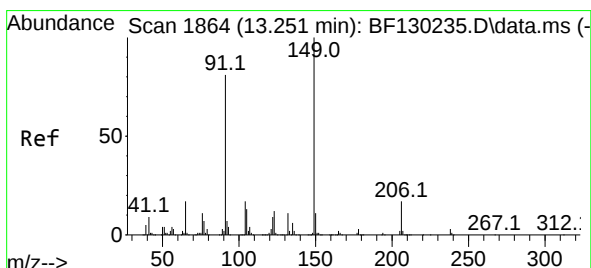
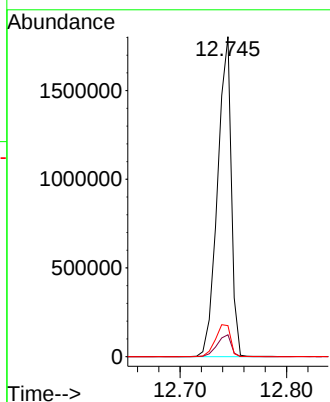
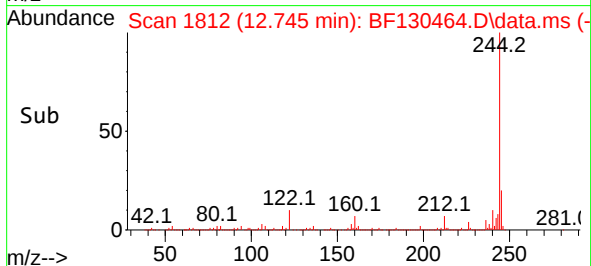


Tgt Ion:244 Resp: 1620476
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.7 8.5 12.7

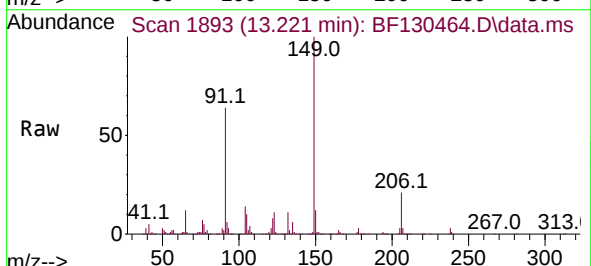
Manual Integrations

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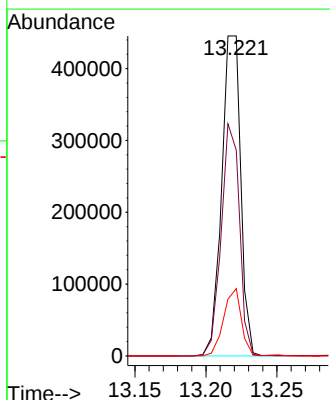
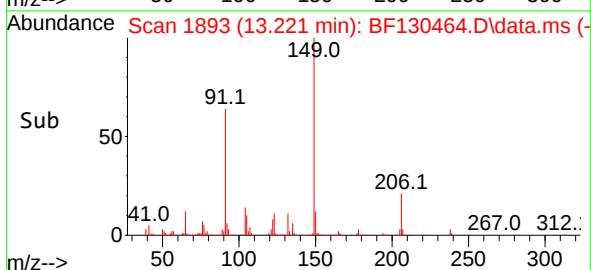
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

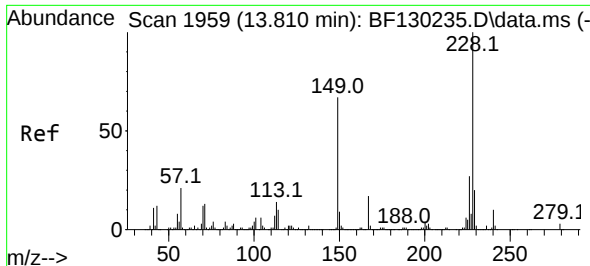


#80
Butylbenzylphthalate
Concen: 45.173 ng
RT: 13.221 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45



Tgt Ion:149 Resp: 417786
Ion Ratio Lower Upper
149 100
91 64.3 59.8 89.8
206 21.0 13.9 20.9





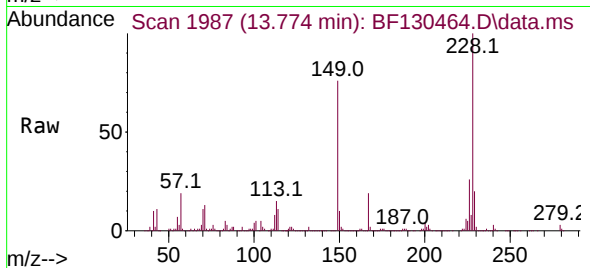
#81
Benzo(a)anthracene
Concen: 41.252 ng
RT: 13.774 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB147960BS

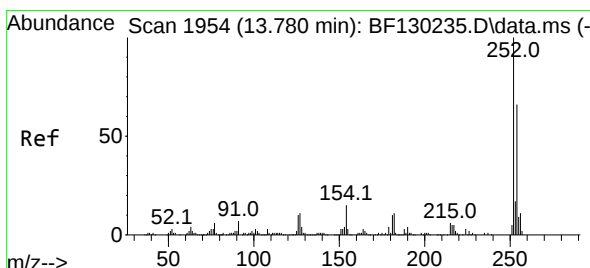
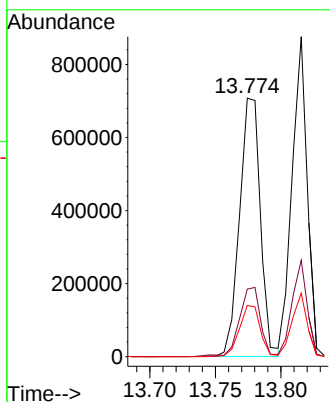
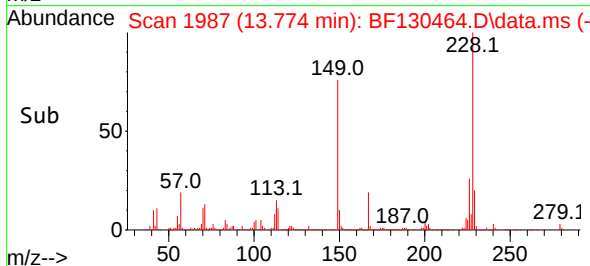


Tgt Ion:228 Resp: 783175
Ion Ratio Lower Upper
228 100
226 26.1 21.9 32.9
229 19.8 16.1 24.1

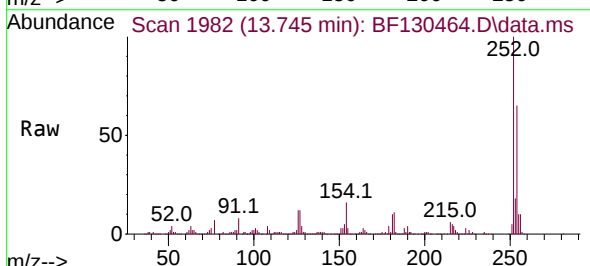
Manual Integrations

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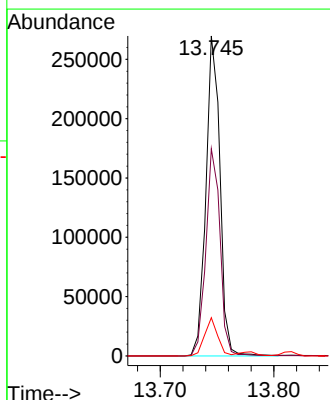
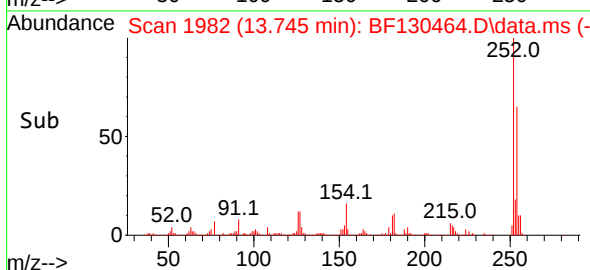
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

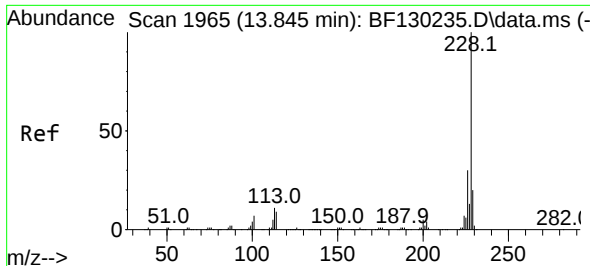


#82
3,3'-Dichlorobenzidine
Concen: 45.010 ng
RT: 13.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45



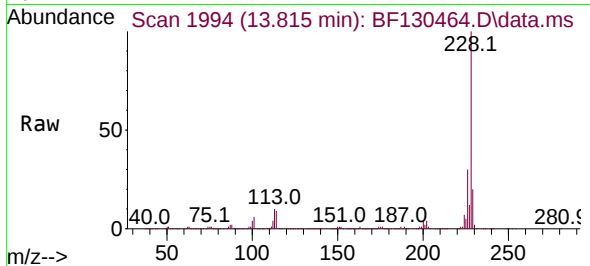
Tgt Ion:252 Resp: 232609
Ion Ratio Lower Upper
252 100
254 64.8 51.1 76.7
126 11.9 10.4 15.6





#83
Chrysene
Concen: 39.398 ng
RT: 13.815 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

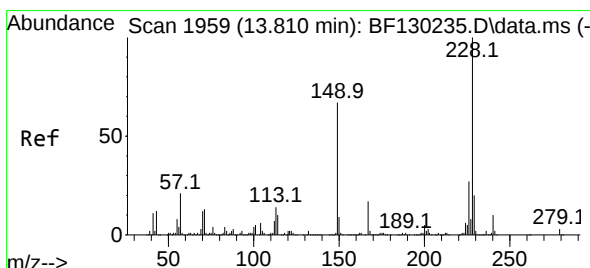
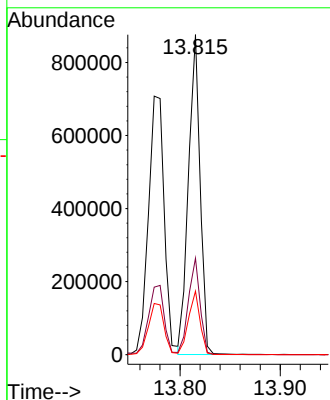
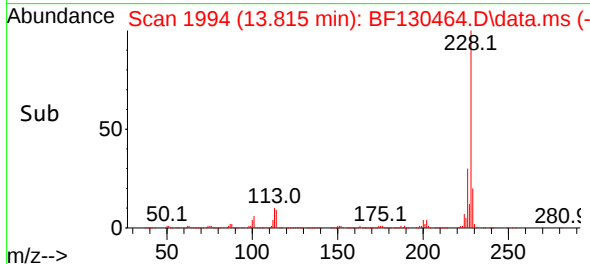
Instrument :
BNA_F
ClientSampleId :
PB147960BS



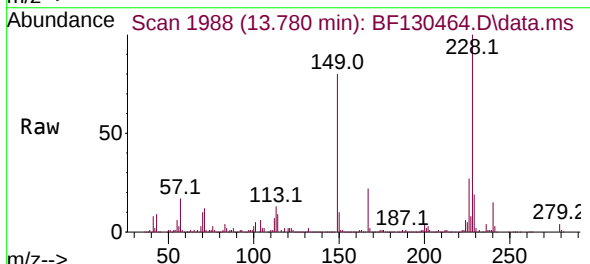
Tgt Ion:228 Resp: 710197
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 19.8 15.3 22.9

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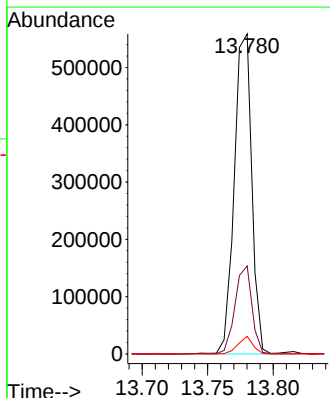
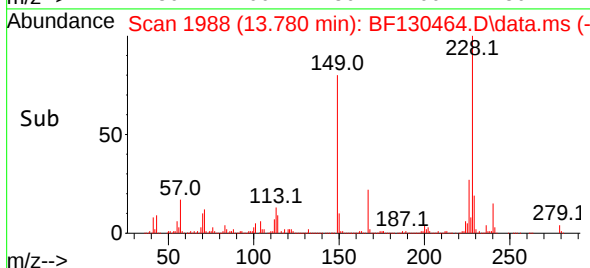
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022

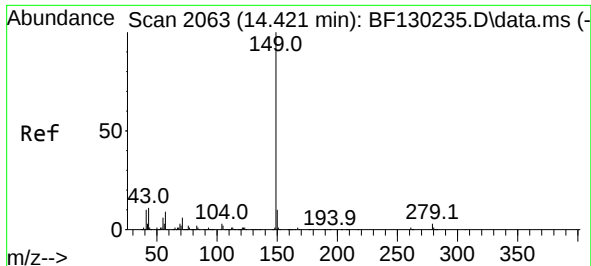


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.976 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45



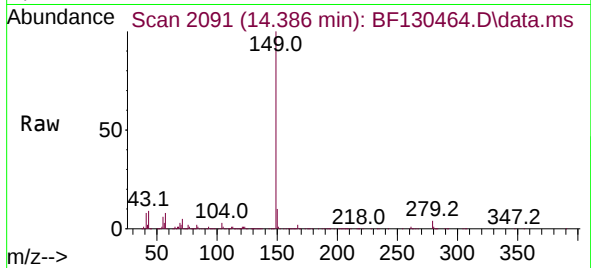
Tgt Ion:149 Resp: 518838
Ion Ratio Lower Upper
149 100
167 27.5 20.5 30.7
279 5.5 2.9 4.3#





#85
Di-n-octyl phthalate
Concen: 45.308 ng
RT: 14.386 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

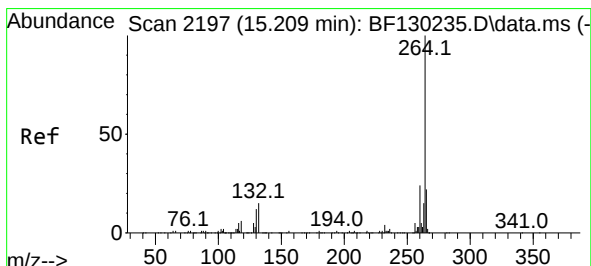
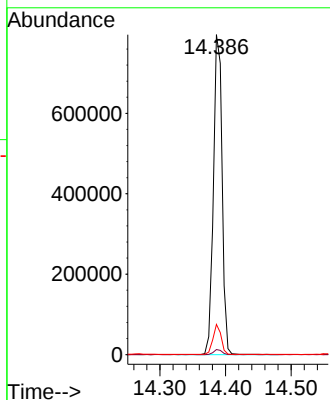
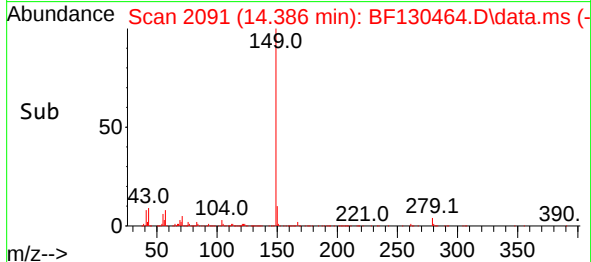
Instrument :
BNA_F
ClientSampleId :
PB147960BS



Tgt Ion:149 Resp: 734128
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.8 8.7 13.1

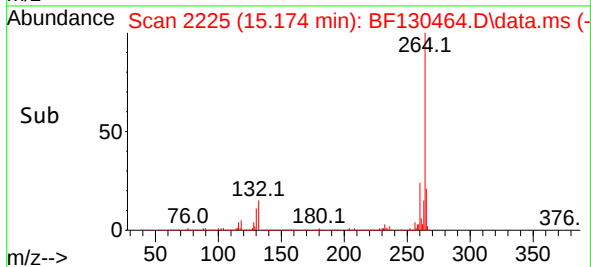
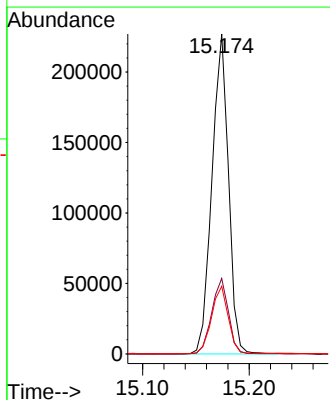
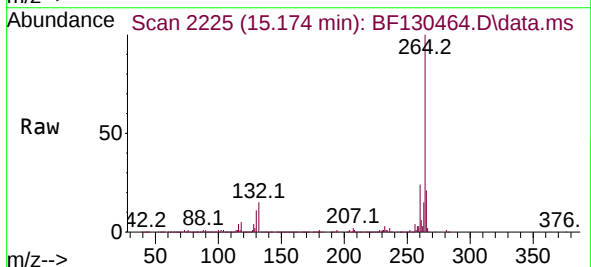
Manual Integrations
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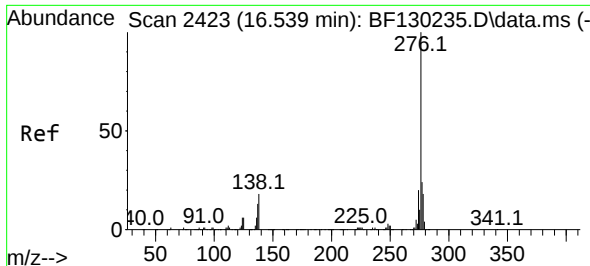
Reviewed By :Christian Giraldo 09/30/2022
Supervised By :Jagrut Upadhyay 09/30/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.174 min Scan# 2225
Delta R.T. -0.000 min
Lab File: BF130464.D
Acq: 29 Sep 2022 12:45

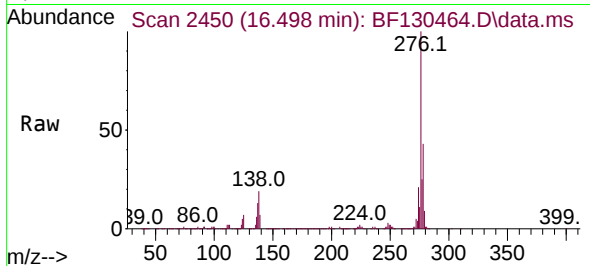
Tgt Ion:264 Resp: 244915
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 21.1 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.868 ng
 RT: 16.498 min Scan# 2423
 Delta R.T. -0.000 min
 Lab File: BF130464.D
 Acq: 29 Sep 2022 12:45

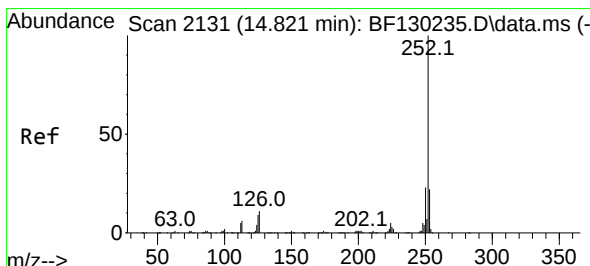
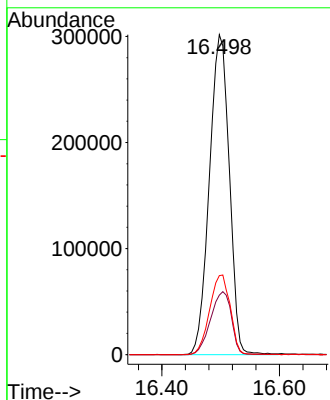
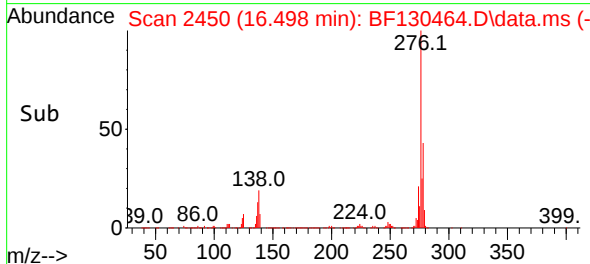
Instrument :
 BNA_F
 ClientSampleId :
 PB147960BS



Tgt Ion: 276 Resp: 709796
 Ion Ratio Lower Upper
 276 100
 138 20.5 18.5 27.7
 277 25.8 20.2 30.4

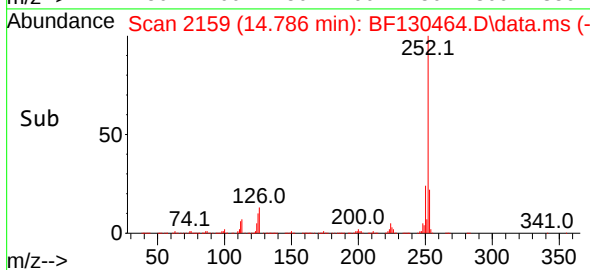
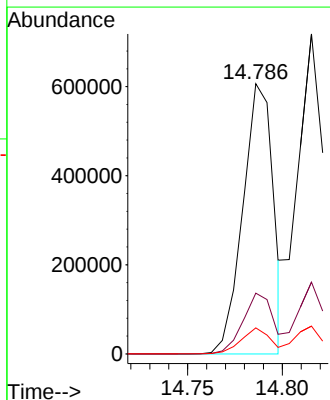
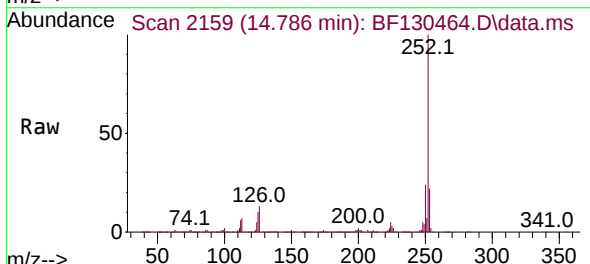
Manual Integrations
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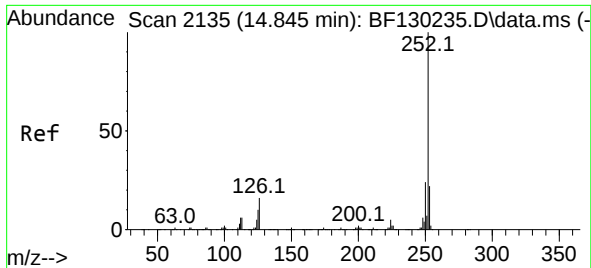
Reviewed By : Christian Giraldo 09/30/2022
 Supervised By : Jagrut Upadhyay 09/30/2022



#88
 Benzo(b)fluoranthene
 Concen: 42.507 ng
 RT: 14.786 min Scan# 2159
 Delta R.T. -0.000 min
 Lab File: BF130464.D
 Acq: 29 Sep 2022 12:45

Tgt Ion: 252 Resp: 679492
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.7 26.5
 125 9.6 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 43.349 ng

RT: 14.815 min Scan# 2116

Delta R.T. -0.000 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB147960BS

Tgt Ion:252 Resp: 681654

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

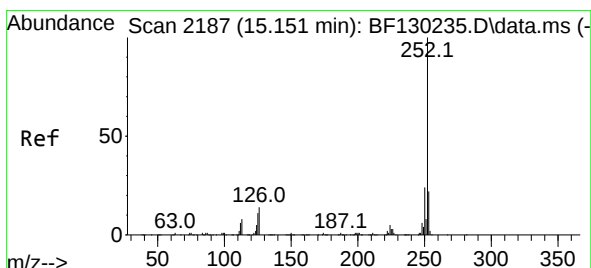
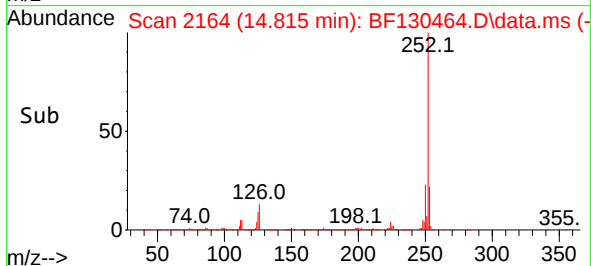
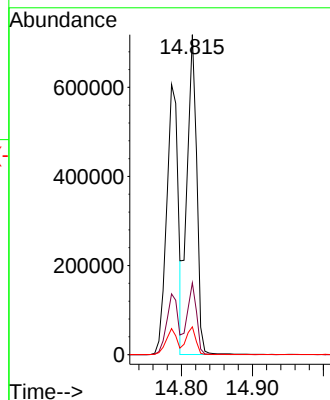
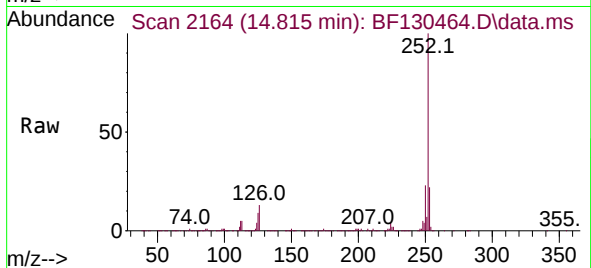
125 8.7 7.9 11.9

Manual Integrations

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Reviewed By :Christian Giraldo 09/30/2022

Supervised By :Jagrut Upadhyay 09/30/2022



#90

Benzo(a)pyrene

Concen: 46.007 ng

RT: 15.121 min Scan# 2216

Delta R.T. 0.006 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

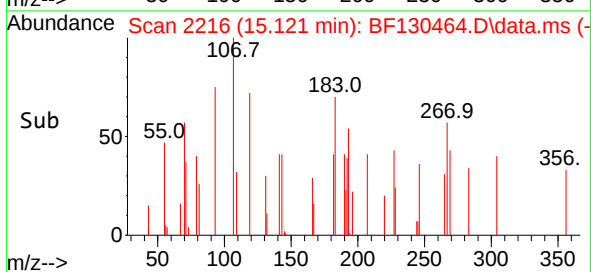
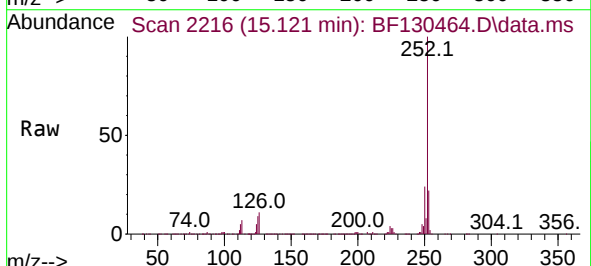
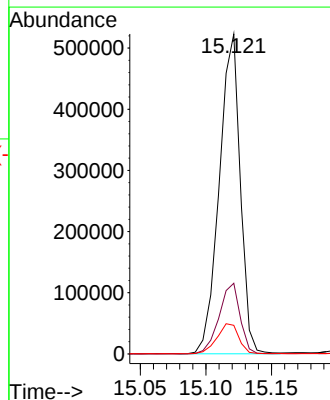
Tgt Ion:252 Resp: 582650

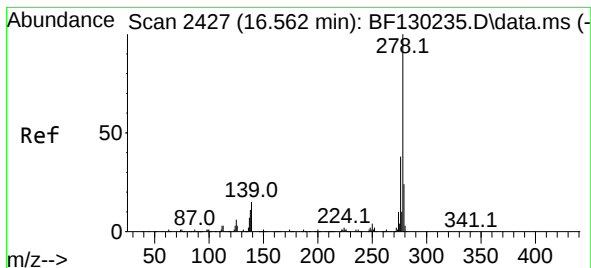
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 8.9 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 43.405 ng

RT: 16.515 min Scan# 24

Delta R.T. 0.006 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

Instrument :

BNA_F

ClientSampleId :

PB147960BS

Tgt Ion:278 Resp: 618430

Ion Ratio Lower Upper

278 100

139 12.9 11.8 17.8

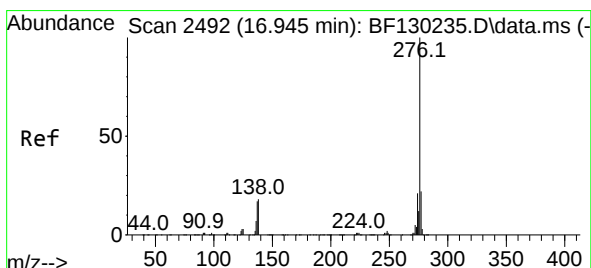
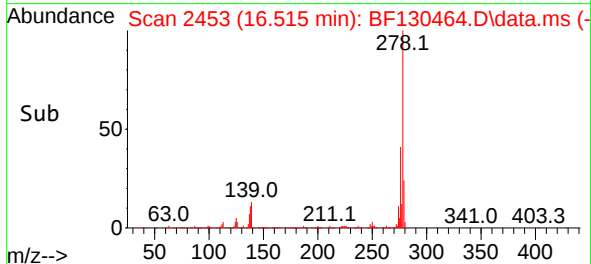
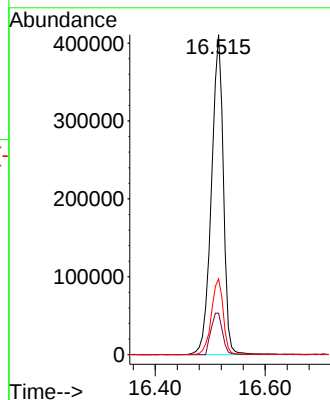
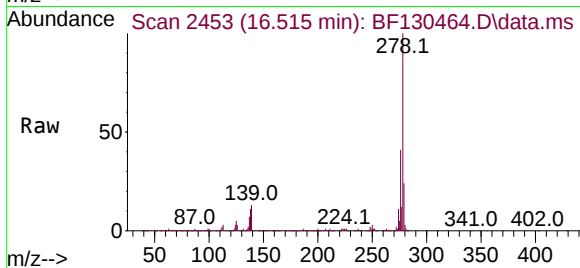
279 23.7 19.4 29.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/30/2022

Supervised By :Jagrut Upadhyay 09/30/2022



#92

Benzo(g,h,i)perylene

Concen: 42.291 ng

RT: 16.898 min Scan# 2518

Delta R.T. 0.006 min

Lab File: BF130464.D

Acq: 29 Sep 2022 12:45

Tgt Ion:276 Resp: 606982

Ion Ratio Lower Upper

276 100

277 23.9 18.6 27.8

138 18.1 14.6 21.8

