

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
 Data File : BF131250.D
 Acq On : 16 Nov 2022 00:44
 Operator : CG\JU
 Sample : PB148855BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148855BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/16/2022
 Supervised By : Jagrut Upadhyay 11/16/2022

Quant Time: Nov 16 07:06:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	93839	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	359880	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	210975	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	382379	20.000	ng	0.00
76) Chrysene-d12	14.186	240	272898	20.000	ng	0.00
86) Perylene-d12	15.727	264	203766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	619595	116.919	ng	0.01
7) Phenol-d6	6.592	99	770618	114.811	ng	0.00
23) Nitrobenzene-d5	7.545	82	493886	77.030	ng	0.00
42) 2,4,6-Tribromophenol	10.827	330	224186	111.245	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	937432	65.024	ng	0.00
79) Terphenyl-d14	13.127	244	1141368	71.823	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	71473	29.438	ng	95
3) Pyridine	3.598	79	192039	27.984	ng	98
4) n-Nitrosodimethylamine	3.563	42	152979	38.246	ng	96
6) Aniline	6.634	93	273524m	32.488	ng	
8) 2-Chlorophenol	6.757	128	232987	39.111	ng	98
9) Benzaldehyde	6.522	77	54662	11.227	ng	96
10) Phenol	6.604	94	282381	37.607	ng	99
11) bis(2-Chloroethyl)ether	6.710	93	221895	37.742	ng	99
12) 1,3-Dichlorobenzene	6.916	146	246219	36.534	ng	100
13) 1,4-Dichlorobenzene	6.992	146	252762	37.085	ng	98
14) 1,2-Dichlorobenzene	7.145	146	241300	38.304	ng	99
15) Benzyl Alcohol	7.116	79	215025m	36.881	ng	
16) 2,2'-oxybis(1-Chloropr...	7.251	45	425114	38.389	ng	99
17) 2-Methylphenol	7.216	107	191878	37.729	ng	99
18) Hexachloroethane	7.492	117	93046	37.552	ng	98
19) n-Nitroso-di-n-propyla...	7.386	70	173320	37.057	ng	95
20) 3+4-Methylphenols	7.375	107	246705	37.503	ng	90
22) Acetophenone	7.386	105	335873	35.804	ng	99
24) Nitrobenzene	7.563	77	263290	38.039	ng	99
25) Isophorone	7.798	82	476485	37.200	ng	98
26) 2-Nitrophenol	7.881	139	105267	38.877	ng	96
27) 2,4-Dimethylphenol	7.910	122	231096	44.078	ng	96
28) bis(2-Chloroethoxy)met...	8.010	93	271769	37.633	ng	99
29) 2,4-Dichlorophenol	8.116	162	202831	35.774	ng	100
30) 1,2,4-Trichlorobenzene	8.204	180	226948	34.140	ng	98
31) Naphthalene	8.286	128	654217	33.554	ng	99
32) Benzoic acid	8.022	122	138462m	38.029	ng	
33) 4-Chloroaniline	8.333	127	208313	27.141	ng	99
34) Hexachlorobutadiene	8.404	225	144276	34.292	ng	97
35) Caprolactam	8.698	113	63010m	37.606	ng	
36) 4-Chloro-3-methylphenol	8.810	107	214686	35.973	ng	96
37) 2-Methylnaphthalene	8.980	142	442851	34.104	ng	99
38) 1-Methylnaphthalene	9.080	142	414931	32.953	ng	100
40) 1,2,4,5-Tetrachloroben...	9.145	216	230337	33.909	ng	99
41) Hexachlorocyclopentadiene	9.133	237	278392	79.961	ng	96
43) 2,4,6-Trichlorophenol	9.257	196	139096	31.320	ng	98

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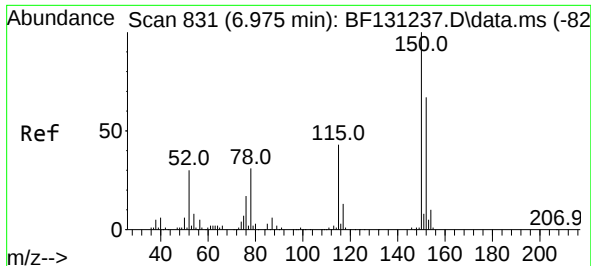
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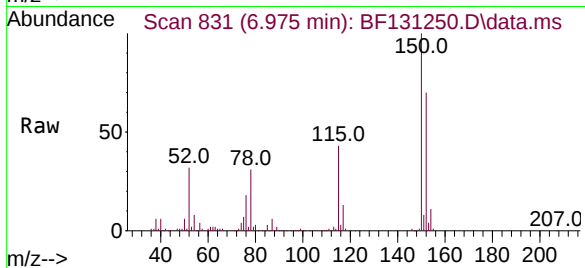
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	169333	35.531	ng	97
46) 1,1'-Biphenyl	9.451	154	547286	33.745	ng	100
47) 2-Chloronaphthalene	9.475	162	433847	33.021	ng	99
48) 2-Nitroaniline	9.569	65	154170	37.534	ng	98
49) Acenaphthylene	9.898	152	667435	33.267	ng	99
50) Dimethylphthalate	9.751	163	499367	33.055	ng	100
51) 2,6-Dinitrotoluene	9.810	165	109310	37.574	ng	# 84
52) Acenaphthene	10.069	154	451147	36.025	ng	98
53) 3-Nitroaniline	9.980	138	88743	29.179	ng	92
54) 2,4-Dinitrophenol	10.086	184	91069	71.057	ng	# 83
55) Dibenzofuran	10.239	168	597417	33.296	ng	99
56) 4-Nitrophenol	10.133	139	161694	68.024	ng	94
57) 2,4-Dinitrotoluene	10.216	165	135560	37.831	ng	97
58) Fluorene	10.586	166	469114	33.226	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.351	232	138659	34.344	ng	98
60) Diethylphthalate	10.457	149	485872	34.024	ng	98
61) 4-Chlorophenyl-phenyle...	10.574	204	239343	34.283	ng	98
62) 4-Nitroaniline	10.604	138	105113	34.462	ng	99
63) Azobenzene	10.739	77	494806	33.094	ng	99
65) 4,6-Dinitro-2-methylph...	10.627	198	56015	35.142	ng	95
66) n-Nitrosodiphenylamine	10.698	169	409241	33.686	ng	99
67) 4-Bromophenyl-phenylether	11.069	248	154658	34.448	ng	97
68) Hexachlorobenzene	11.133	284	166336	34.186	ng	98
69) Atrazine	11.222	200	114385	28.725	ng	98
70) Pentachlorophenol	11.327	266	202636	71.352	ng	98
71) Phenanthrene	11.557	178	703316	33.328	ng	100
72) Anthracene	11.610	178	709784	34.431	ng	99
73) Carbazole	11.763	167	644217	34.912	ng	99
74) Di-n-butylphthalate	12.092	149	737318	34.333	ng	100
75) Fluoranthene	12.751	202	789811	33.936	ng	99
77) Benzidine	12.868	184	234227	40.052	ng	99
78) Pyrene	12.980	202	809845	34.426	ng	99
80) Butylbenzylphthalate	13.604	149	293720	36.842	ng	99
81) Benzo(a)anthracene	14.174	228	631562	33.300	ng	99
82) 3,3'-Dichlorobenzidine	14.139	252	184341	33.217	ng	98
83) Chrysene	14.215	228	606825	32.843	ng	100
84) Bis(2-ethylhexyl)phtha...	14.162	149	374542	37.355	ng	98
85) Di-n-octyl phthalate	14.792	149	537968	37.968	ng	99
87) Indeno(1,2,3-cd)pyrene	17.315	276	489355	36.352	ng	99
88) Benzo(b)fluoranthene	15.268	252	521668	36.668	ng	98
89) Benzo(k)fluoranthene	15.304	252	479643	34.009	ng	99
90) Benzo(a)pyrene	15.662	252	431490	37.942	ng	99
91) Dibenzo(a,h)anthracene	17.345	278	417707	37.821	ng	97
92) Benzo(g,h,i)perylene	17.798	276	409668	34.237	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

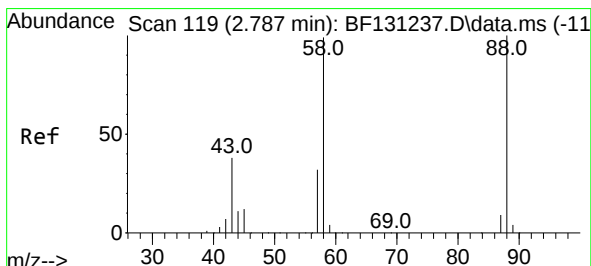
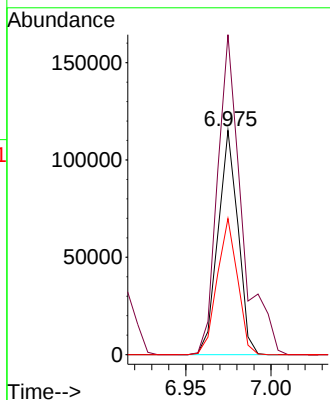
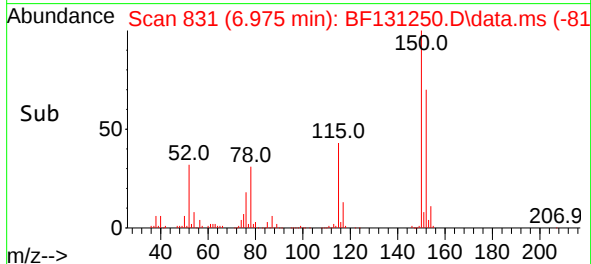
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion:152 Resp: 93839
Ion Ratio Lower Upper
152 100
150 142.7 120.2 180.4
115 60.7 51.8 77.8

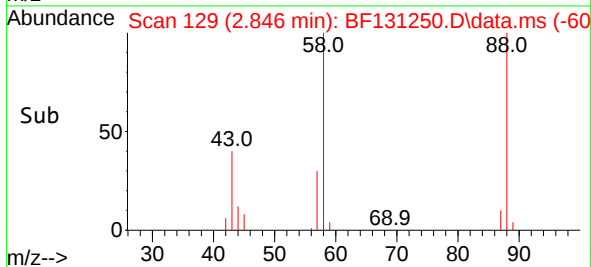
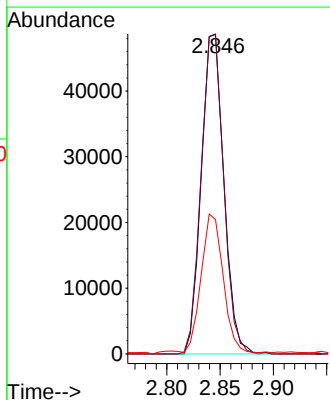
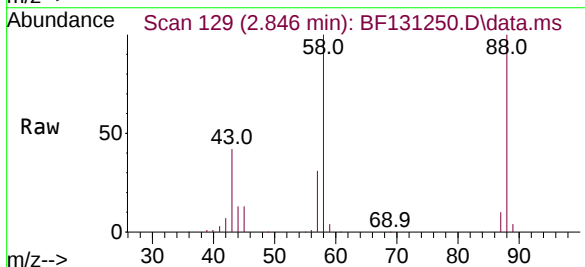
Manual Integrations
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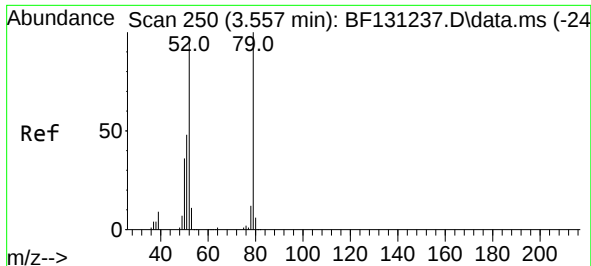
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#2
1,4-Dioxane
Concen: 29.438 ng
RT: 2.846 min Scan# 129
Delta R.T. 0.059 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

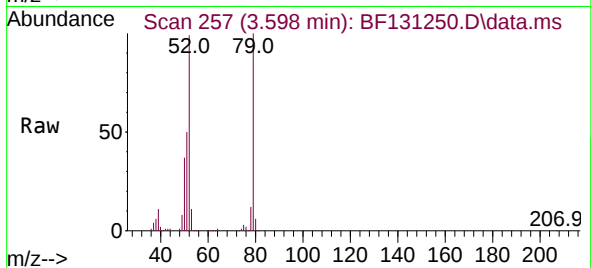
Tgt Ion: 88 Resp: 71473
Ion Ratio Lower Upper
88 100
58 100.4 77.1 115.7
43 44.1 31.3 46.9





#3
Pyridine
Concen: 27.984 ng
RT: 3.598 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

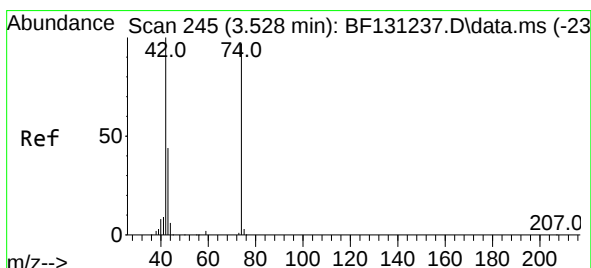
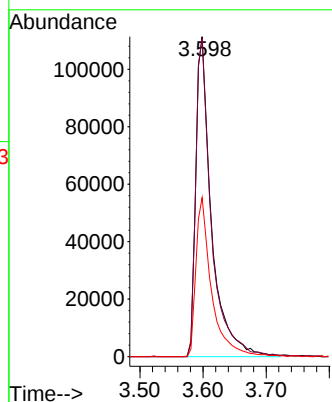
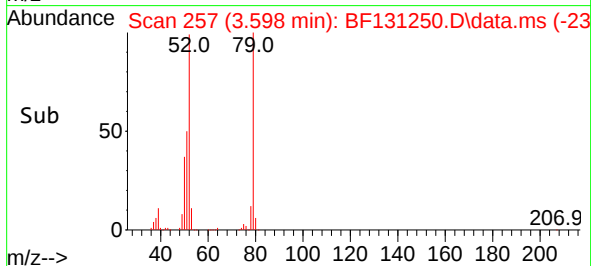
Instrument :
BNA_F
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PB148855BS



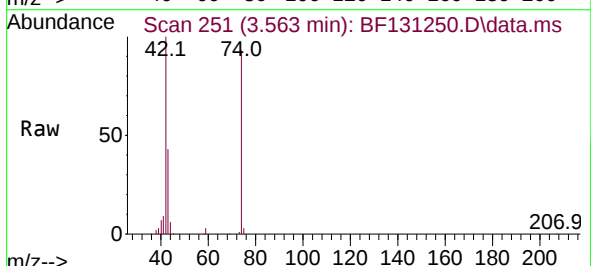
Tgt Ion: 79 Resp: 192039
Ion Ratio Lower Upper
79 100
52 99.5 77.7 116.5
51 49.7 38.7 58.1

Manual Integrations
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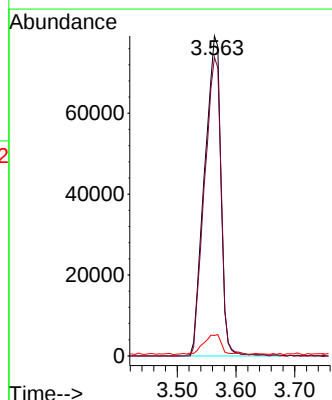
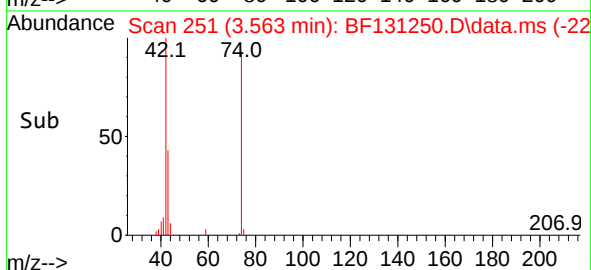
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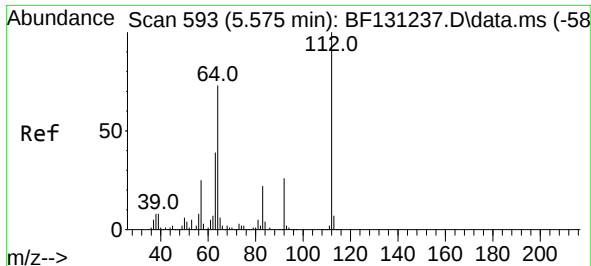


#4
n-Nitrosodimethylamine
Concen: 38.246 ng
RT: 3.563 min Scan# 251
Delta R.T. 0.035 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44



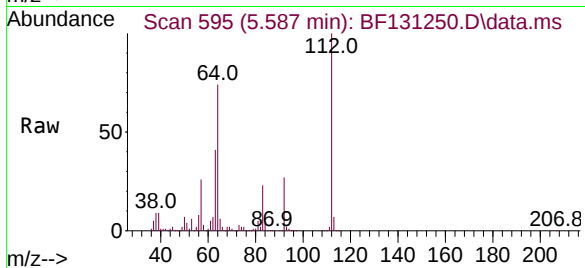
Tgt Ion: 42 Resp: 152979
Ion Ratio Lower Upper
42 100
74 93.3 77.8 116.6
44 6.4 5.9 8.9





#5
2-Fluorophenol
Concen: 116.919 ng
RT: 5.587 min Scan# 593
Delta R.T. 0.012 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

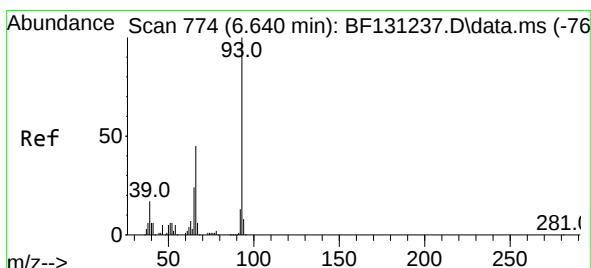
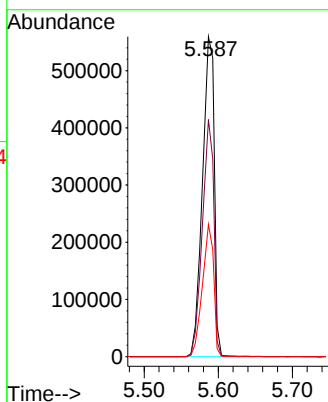
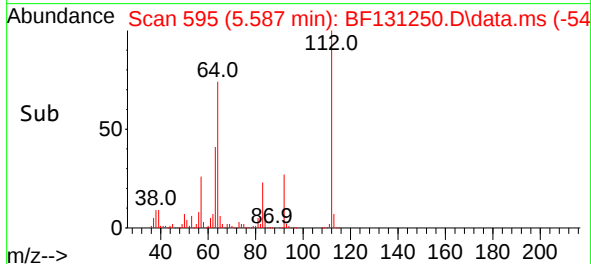
Instrument :
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ClientSampleId :
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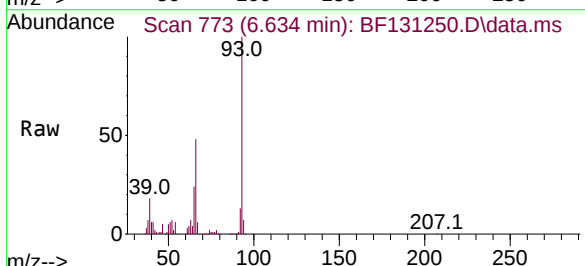
Tgt Ion:112 Resp: 619595
Ion Ratio Lower Upper
112 100
64 74.1 58.4 87.6
63 41.3 31.6 47.4

Manual Integrations
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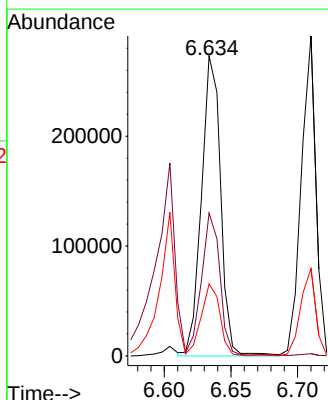
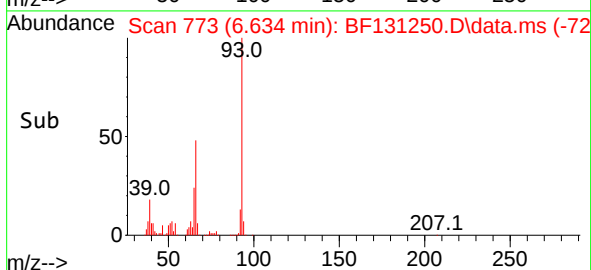
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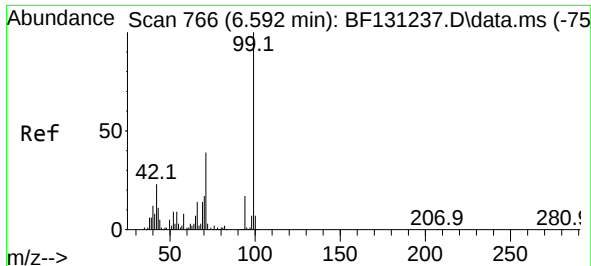


#6
Aniline
Concen: 32.488 ng m
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44



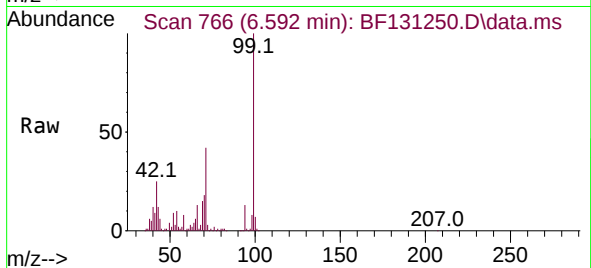
Tgt Ion: 93 Resp: 273524
Ion Ratio Lower Upper
93 100
66 47.6 36.6 55.0
65 24.0 19.3 28.9





#7
Phenol-d6
Concen: 114.811 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

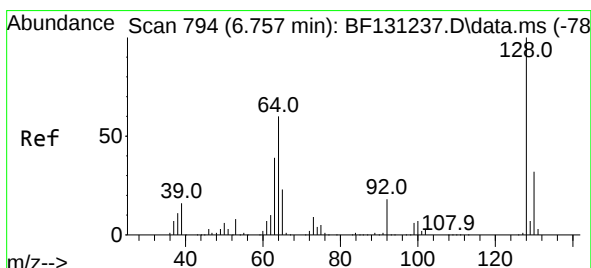
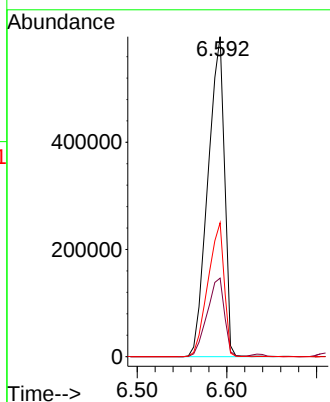
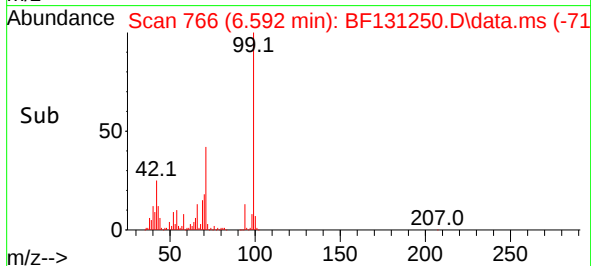
Instrument :
BNA_F
Client Sample Id :
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Tgt Ion: 99 Resp: 770618
Ion Ratio Lower Upper
99 100
42 24.5 18.6 28.0
71 41.8 31.1 46.7

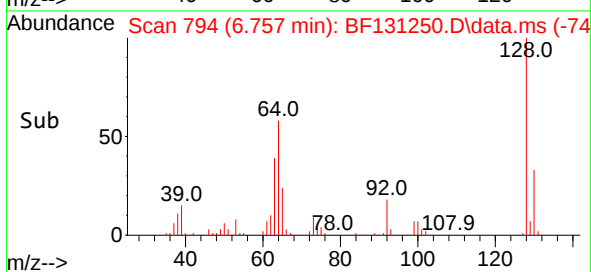
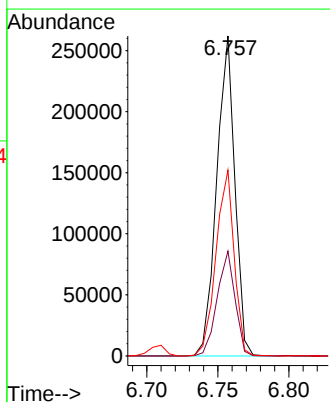
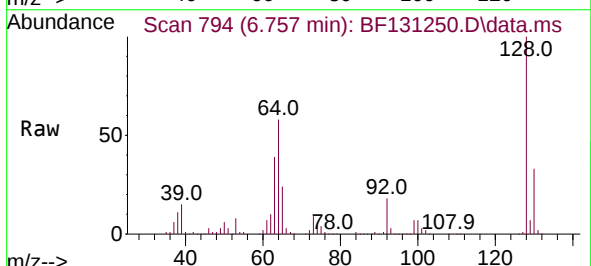
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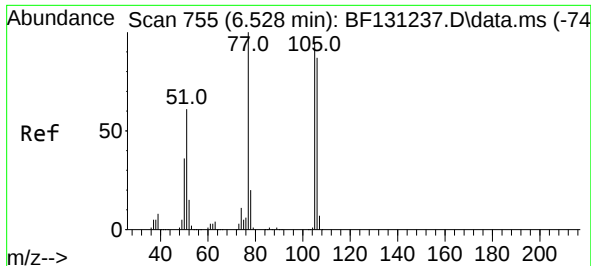
Reviewed By :Christian Giraldo 11/16/2022
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#8
2-Chlorophenol
Concen: 39.111 ng
RT: 6.757 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

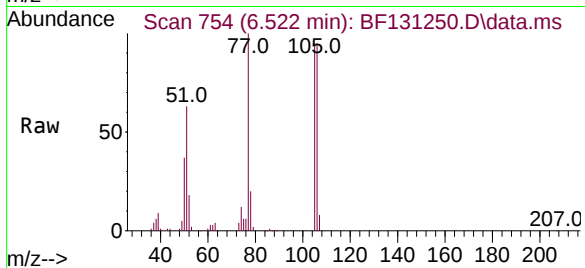
Tgt Ion:128 Resp: 232987
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 58.0 40.1 80.1





#9
Benzaldehyde
Concen: 11.227 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

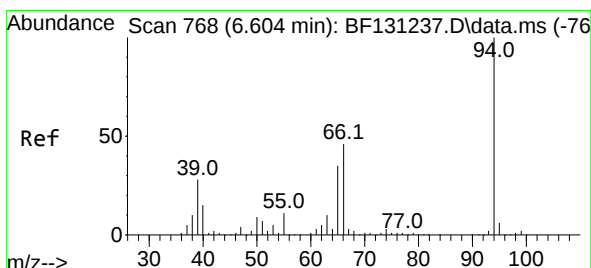
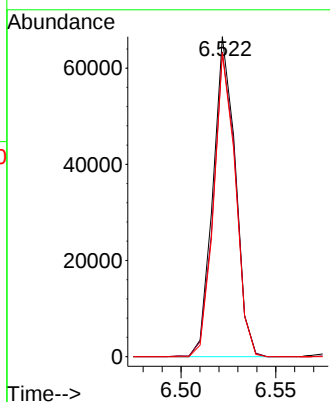
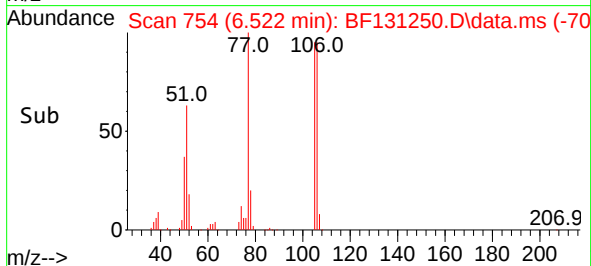
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion: 77 Resp: 54662
Ion Ratio Lower Upper
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105 95.2 74.8 114.8
106 94.9 67.3 107.3

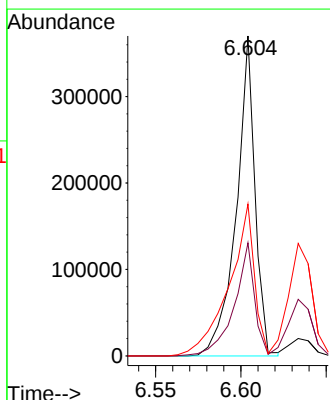
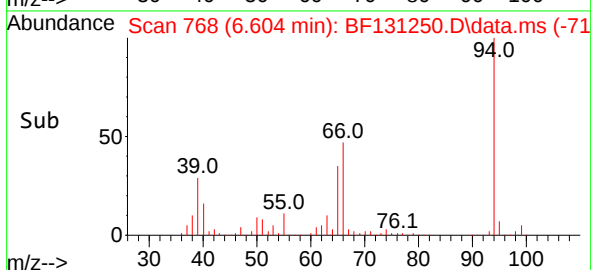
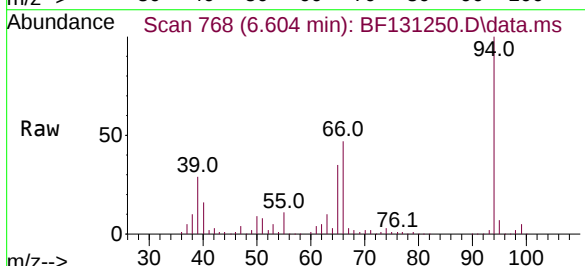
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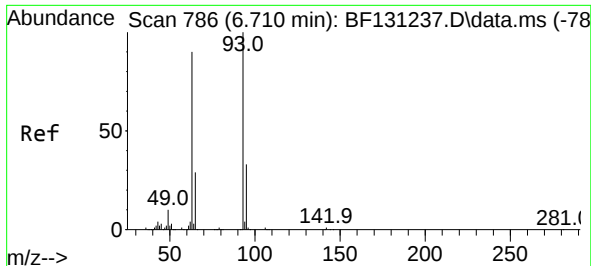
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#10
Phenol
Concen: 37.607 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

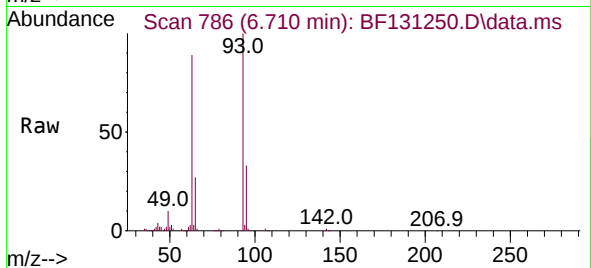
Tgt Ion: 94 Resp: 282381
Ion Ratio Lower Upper
94 100
65 35.3 14.8 54.8
66 47.4 26.5 66.5





#11
bis(2-Chloroethyl)ether
Concen: 37.742 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

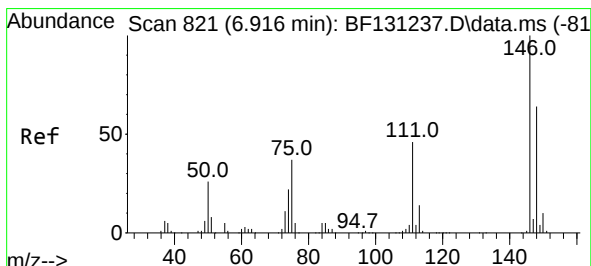
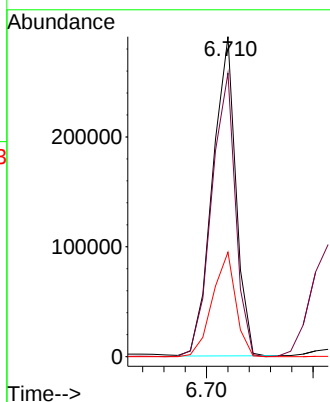
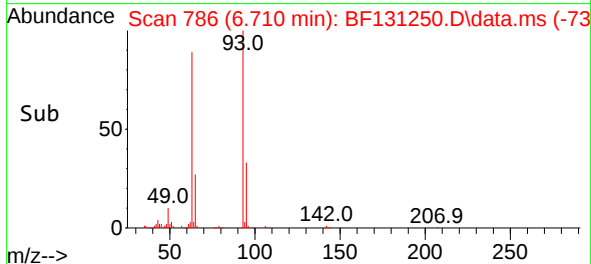
Instrument :
BNA_F
ClientSampleId :
PB148855BS



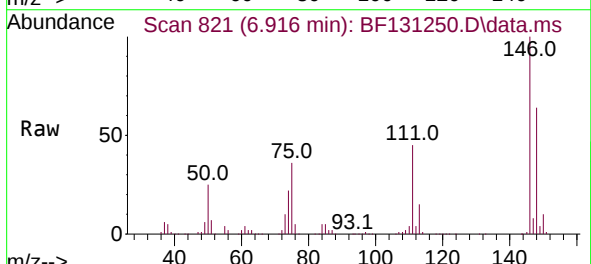
Tgt Ion: 93 Resp: 221895
Ion Ratio Lower Upper
93 100
63 88.6 69.8 109.8
95 32.6 13.4 53.4

Manual Integrations
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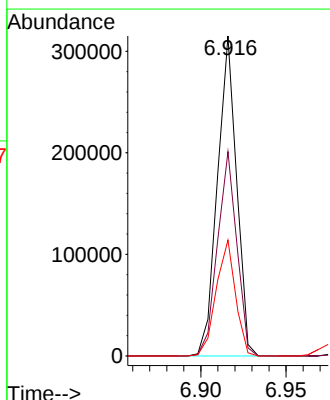
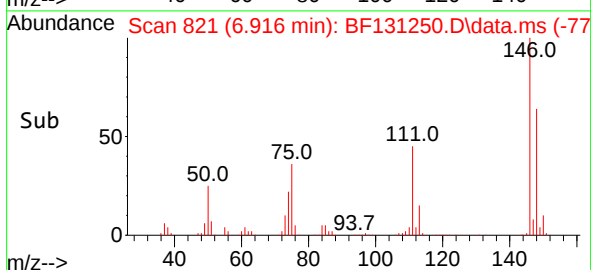
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

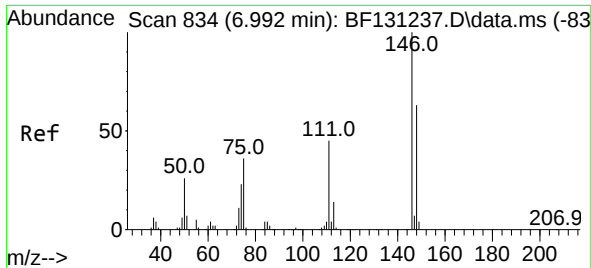


#12
1,3-Dichlorobenzene
Concen: 36.534 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44



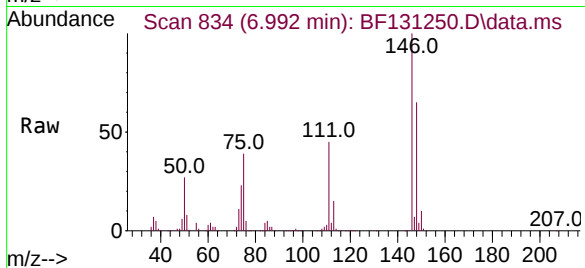
Tgt Ion:146 Resp: 246219
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
75 36.2 29.2 43.8





#13
1,4-Dichlorobenzene
Concen: 37.085 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

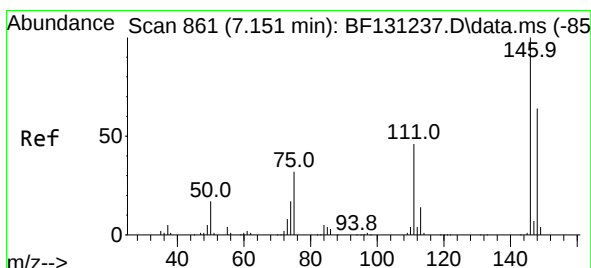
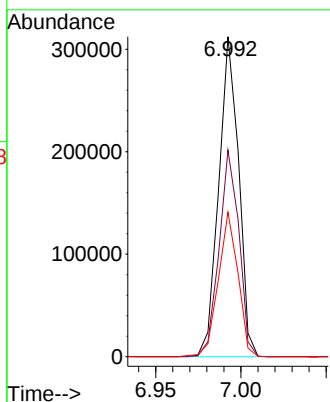
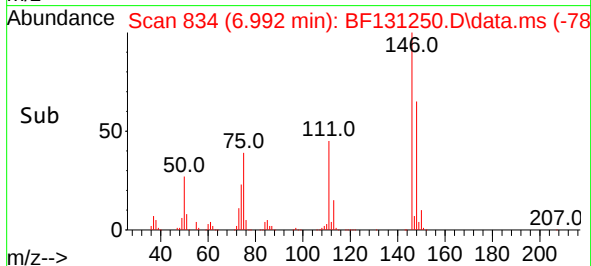
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion:146 Resp: 252762
Ion Ratio Lower Upper
146 100
148 64.5 50.1 75.1
111 45.1 36.3 54.5

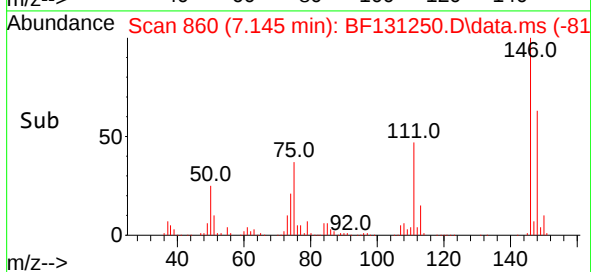
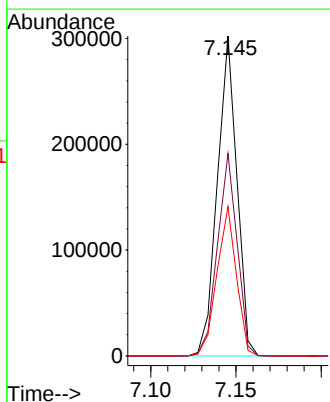
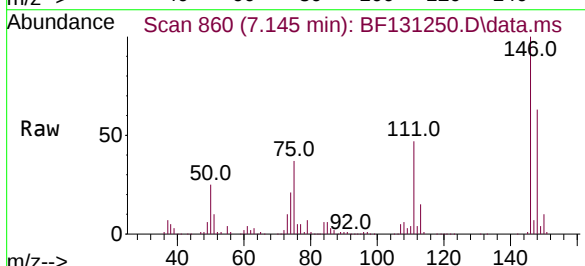
Manual Integrations
APPROVED

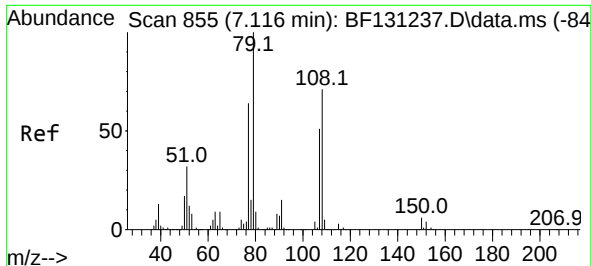
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#14
1,2-Dichlorobenzene
Concen: 38.304 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

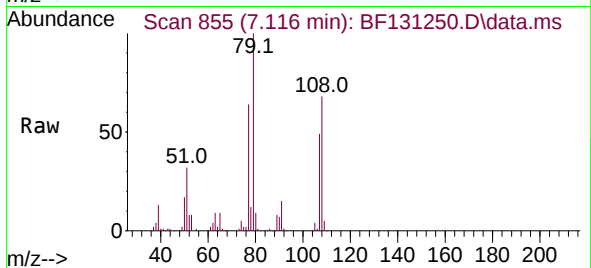
Tgt Ion:146 Resp: 241300
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
111 46.6 36.9 55.3





#15
Benzyl Alcohol
Concen: 36.881 ng m
RT: 7.116 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

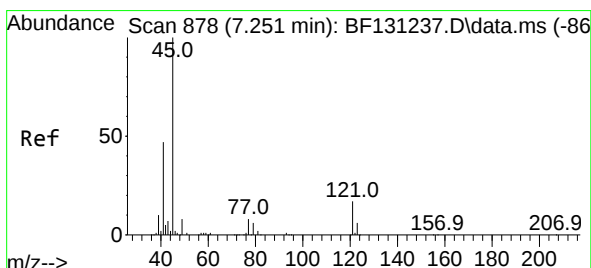
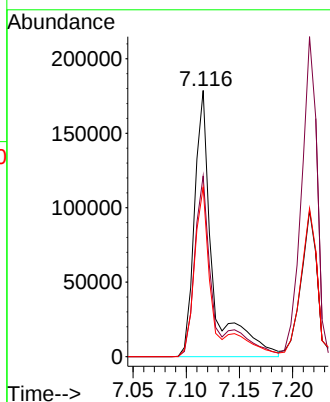
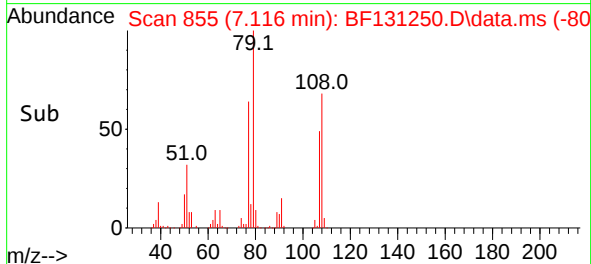
Instrument :
BNA_F
ClientSampleId :
PB148855BS



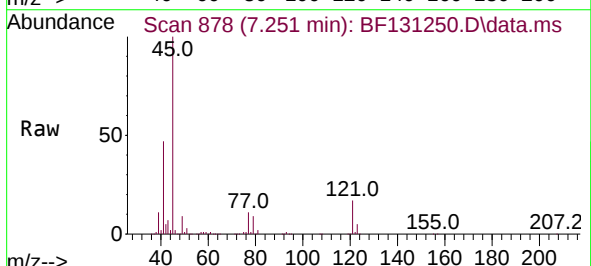
Tgt Ion: 79 Resp: 215025
Ion Ratio Lower Upper
79 100
108 67.9 56.7 85.1
77 63.6 51.4 77.2

Manual Integrations
APPROVED

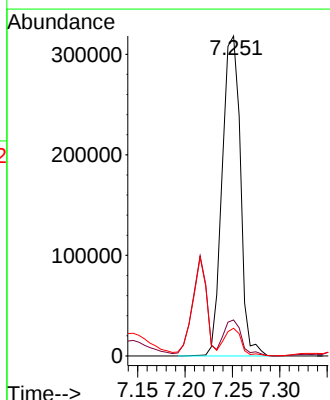
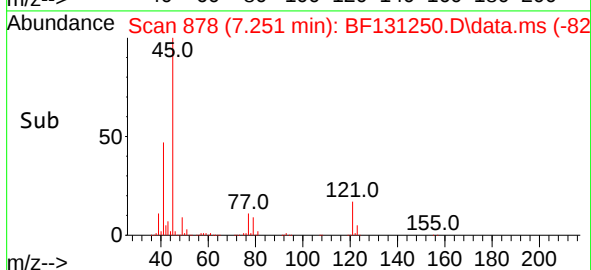
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

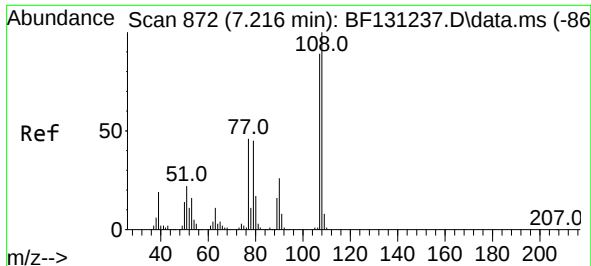


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.389 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44



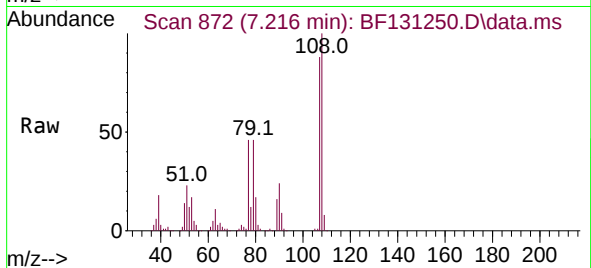
Tgt Ion: 45 Resp: 425114
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.0
79 8.6 0.0 28.5





#17
2-Methylphenol
Concen: 37.729 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

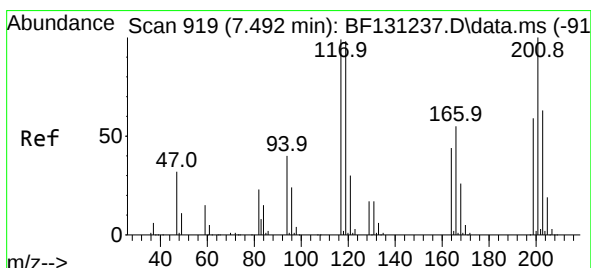
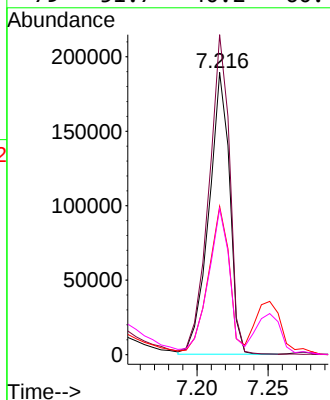
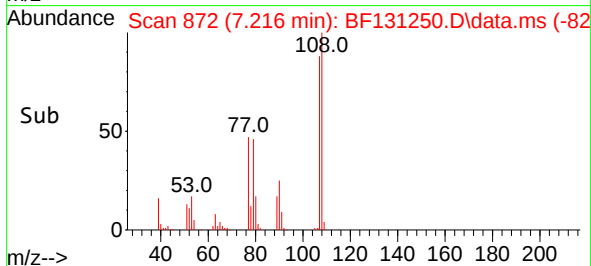
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion:107 Resp: 191878
Ion Ratio Lower Upper
107 100
108 113.4 89.8 134.6
77 52.6 41.4 62.0
79 51.7 40.2 60.4

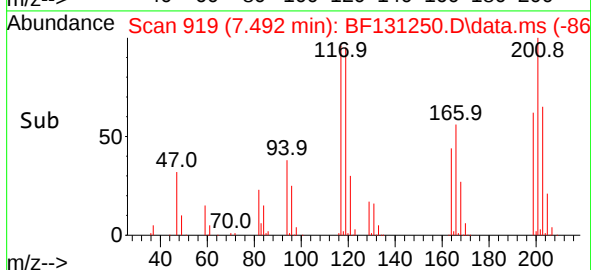
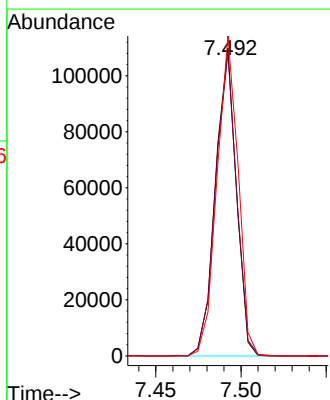
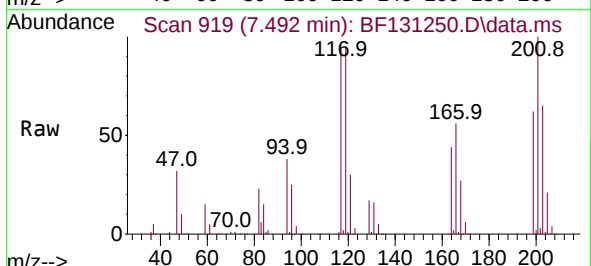
Manual Integrations
APPROVED

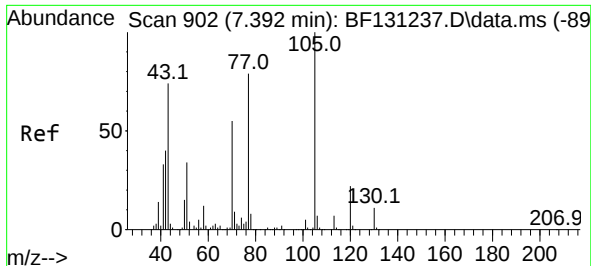
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#18
Hexachloroethane
Concen: 37.552 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Tgt Ion:117 Resp: 93046
Ion Ratio Lower Upper
117 100
119 98.3 79.0 118.6
201 104.0 80.9 121.3





#19

n-Nitroso-di-n-propylamine

Concen: 37.057 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF131250.D

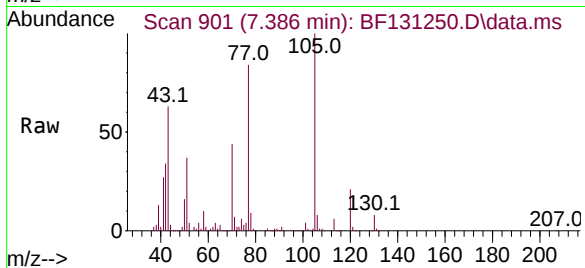
Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

PB148855BS



Tgt Ion: 70 Resp: 173320

Ion Ratio Lower Upper

70 100

42 78.2 58.3 87.5

101 9.4 7.2 10.8

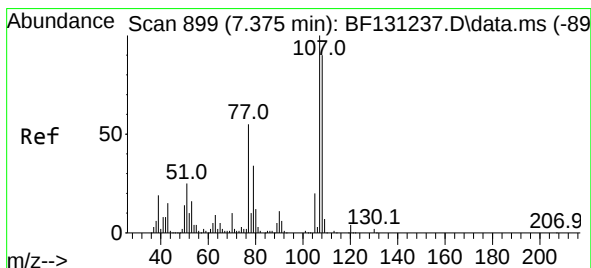
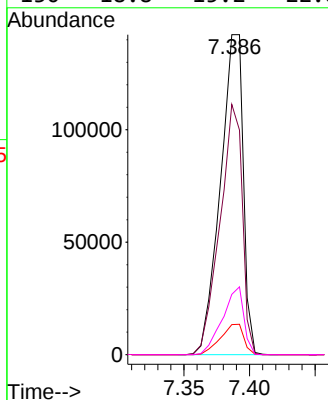
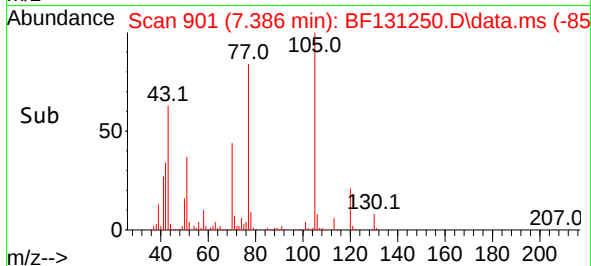
130 18.8 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#20

3+4-Methylphenols

Concen: 37.503 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.000 min

Lab File: BF131250.D

Acq: 16 Nov 2022 00:44

Tgt Ion:107 Resp: 246705

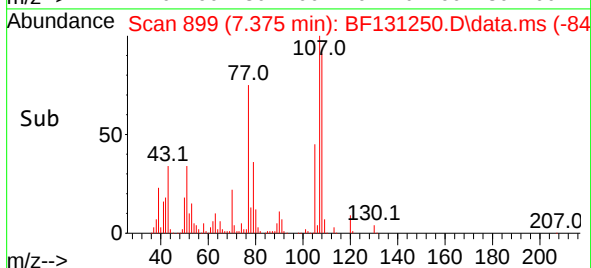
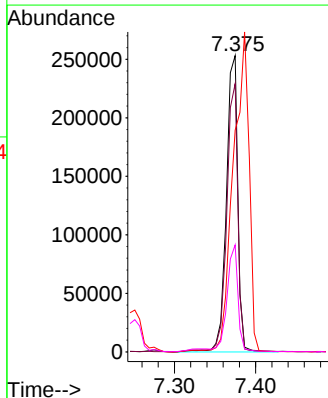
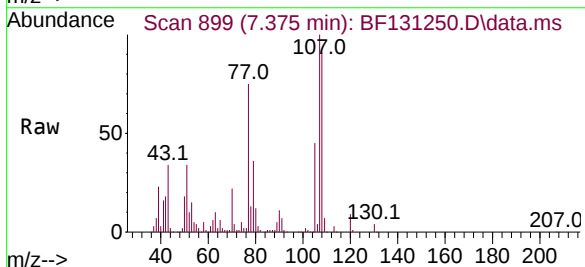
Ion Ratio Lower Upper

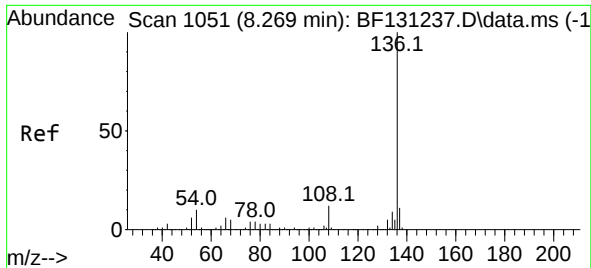
107 100

108 90.6 69.5 109.5

77 74.8 35.3 75.3

79 36.1 13.6 53.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

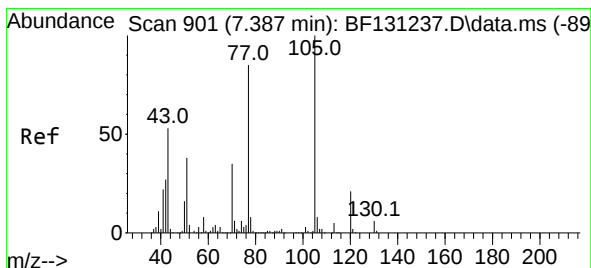
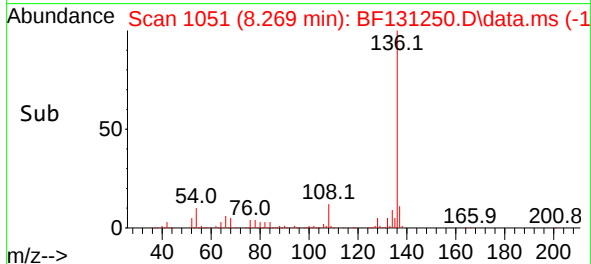
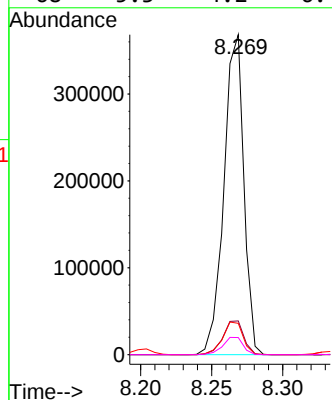
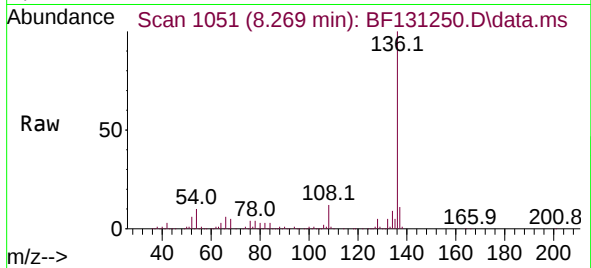
PB148855BS

Tgt Ion:136 Resp: 359880
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 9.8 7.8 11.8
68 5.3 4.2 6.4

Manual Integrations

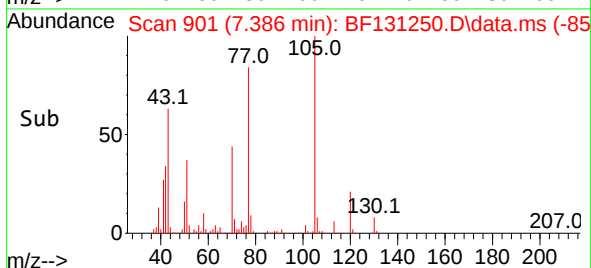
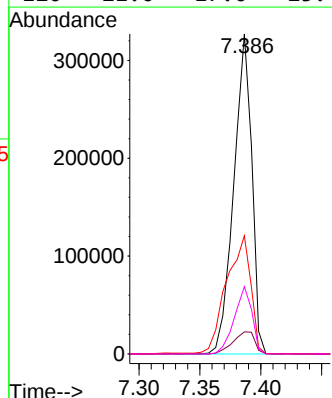
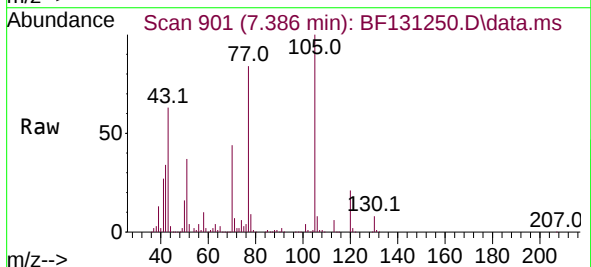
APPROVED

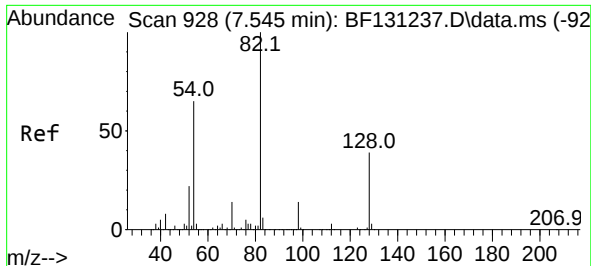
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#22
Acetophenone
Concen: 35.804 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Tgt Ion:105 Resp: 335873
Ion Ratio Lower Upper
105 100
71 6.9 4.7 7.1
51 36.9 30.2 45.2
120 21.0 17.0 25.4





#23

Nitrobenzene-d5

Concen: 77.030 ng

RT: 7.545 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131250.D

Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

PB148855BS

Tgt Ion: 82 Resp: 493886

Ion Ratio Lower Upper

82 100

128 39.4 31.1 46.7

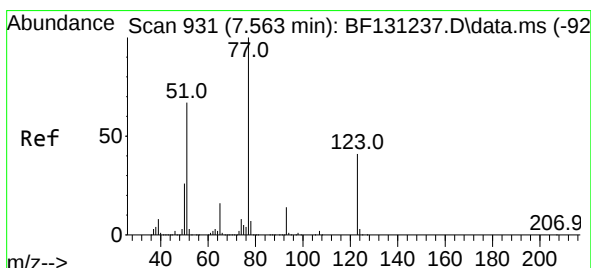
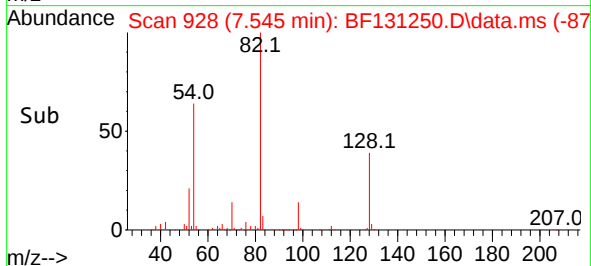
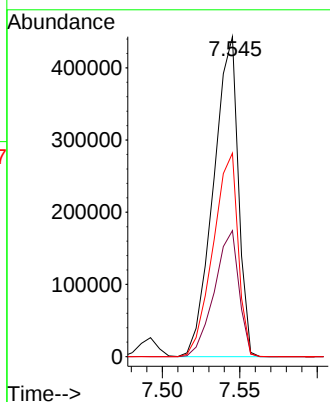
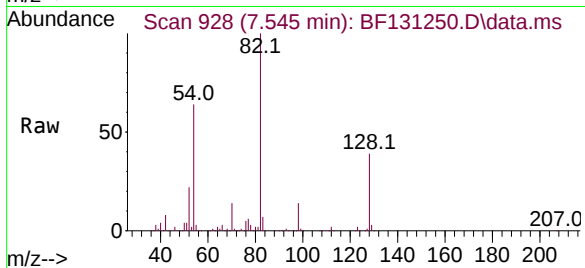
54 63.6 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#24

Nitrobenzene

Concen: 38.039 ng

RT: 7.563 min Scan# 931

Delta R.T. -0.000 min

Lab File: BF131250.D

Acq: 16 Nov 2022 00:44

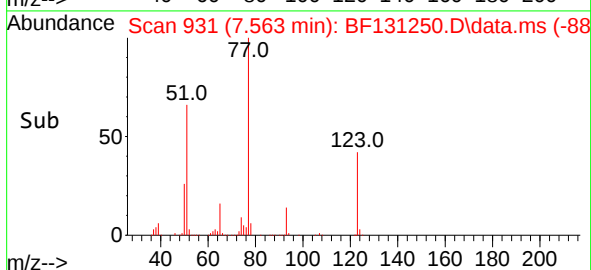
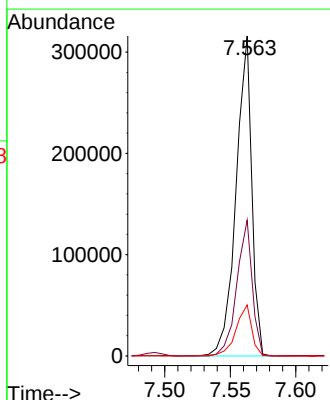
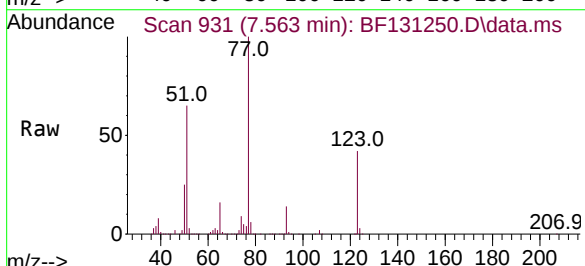
Tgt Ion: 77 Resp: 263290

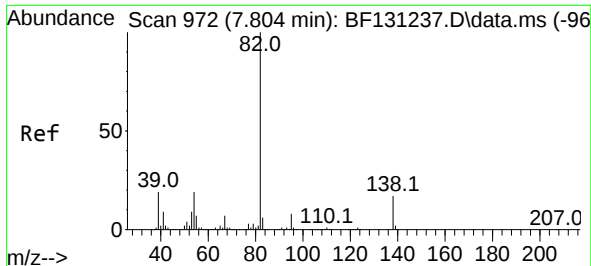
Ion Ratio Lower Upper

77 100

123 42.4 33.2 49.8

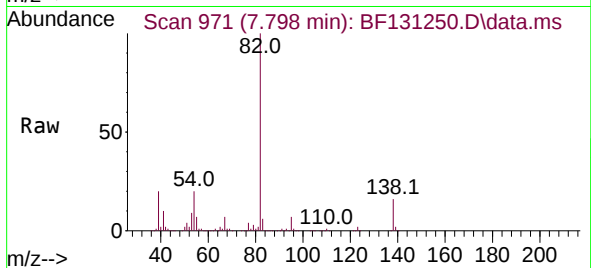
65 15.9 13.0 19.4





#25
Isophorone
Concen: 37.200 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

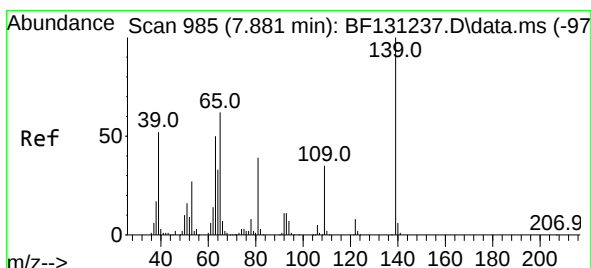
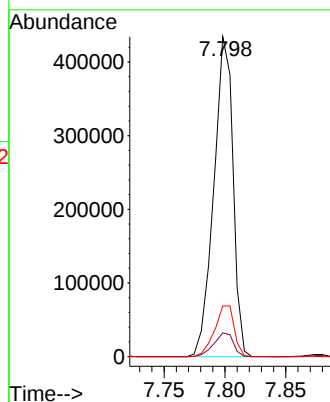
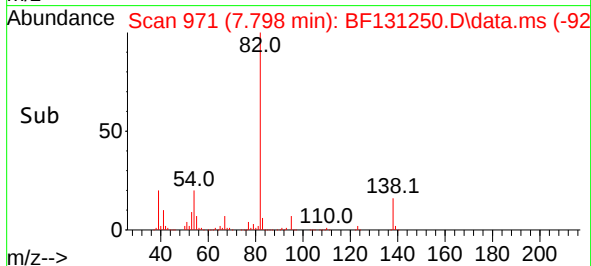
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion: 82 Resp: 476485
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 15.8 13.4 20.0

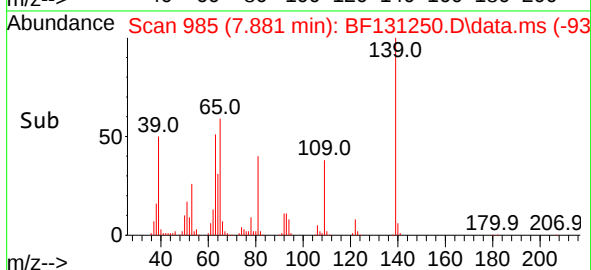
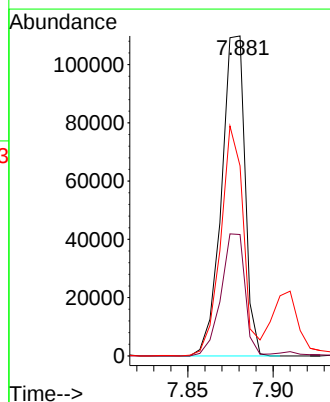
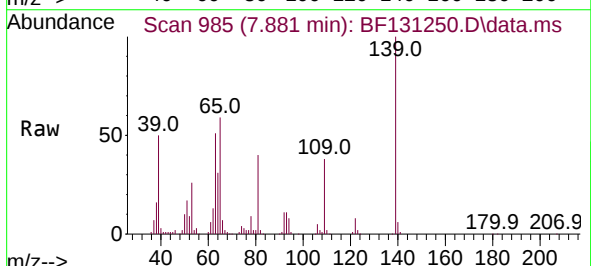
Manual Integrations
APPROVED

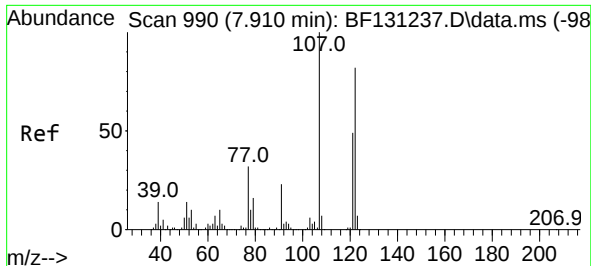
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#26
2-Nitrophenol
Concen: 38.877 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

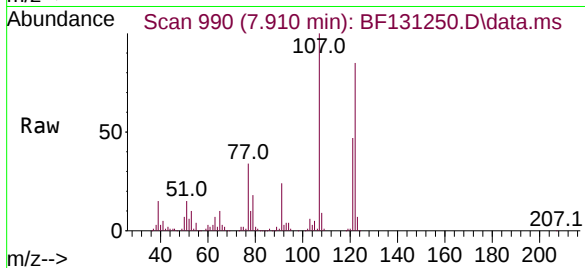
Tgt Ion:139 Resp: 105267
Ion Ratio Lower Upper
139 100
109 37.9 28.0 42.0
65 59.4 49.3 73.9





#27
2,4-Dimethylphenol
Concen: 44.078 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

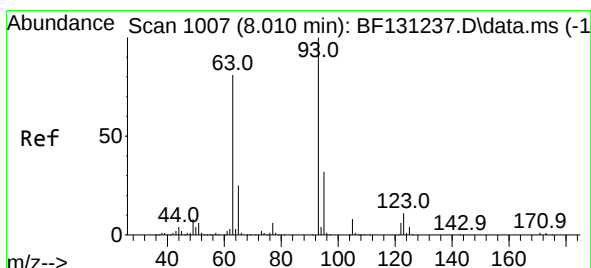
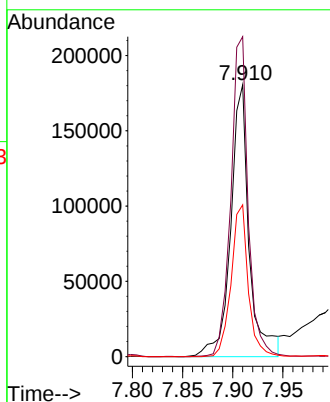
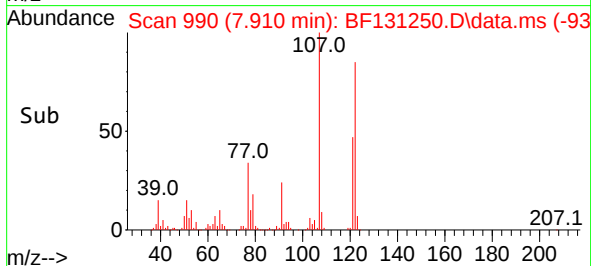
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion:122 Resp: 231096
Ion Ratio Lower Upper
122 100
107 117.8 97.1 145.7
121 55.9 47.5 71.3

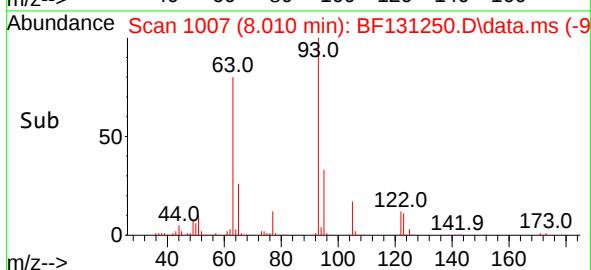
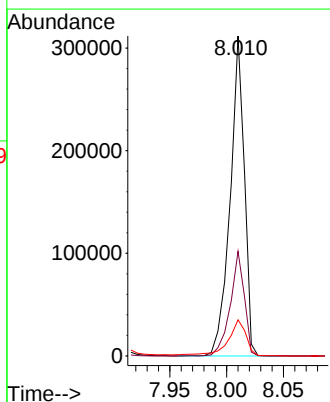
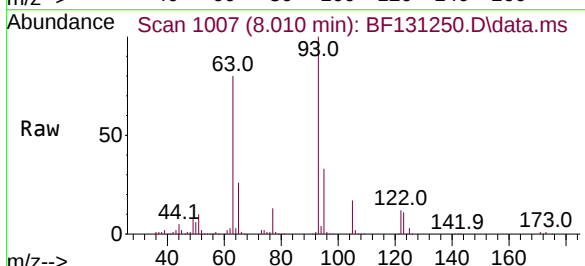
Manual Integrations
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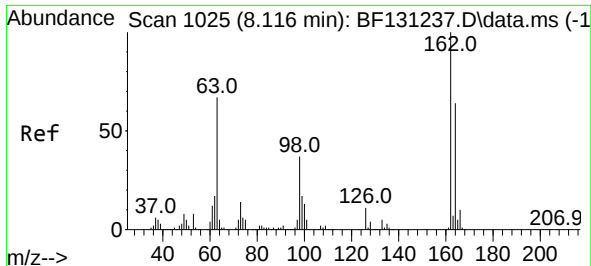
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#28
bis(2-Chloroethoxy)methane
Concen: 37.633 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Tgt Ion: 93 Resp: 271769
Ion Ratio Lower Upper
93 100
95 32.7 25.7 38.5
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 35.774 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF131250.D

Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

PB148855BS

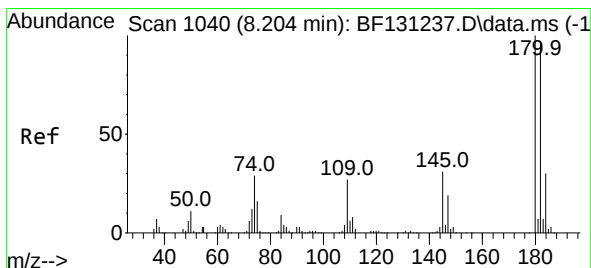
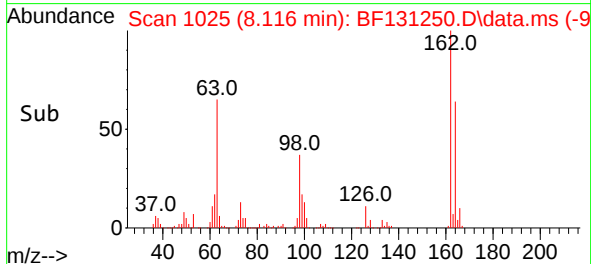
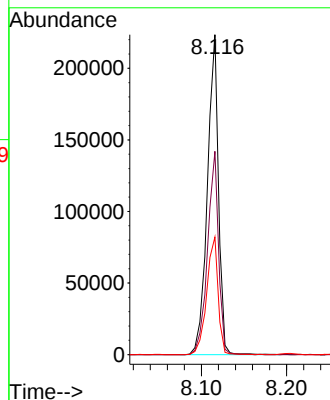
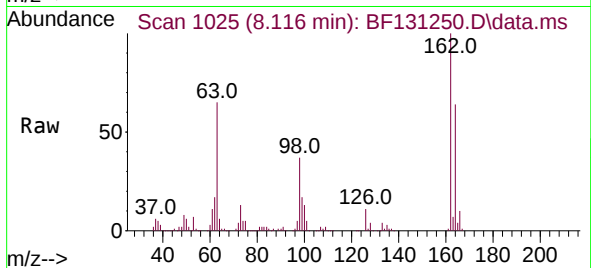
Tgt Ion:162 Resp: 20283

Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.5	83.5
98	36.7	17.2	57.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#30

1,2,4-Trichlorobenzene

Concen: 34.140 ng

RT: 8.204 min Scan# 1040

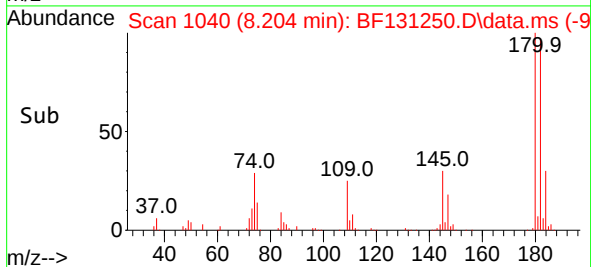
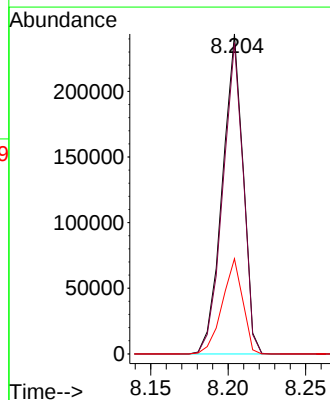
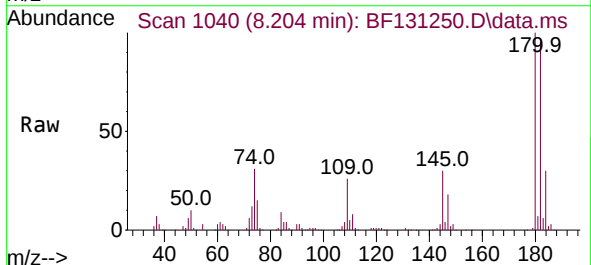
Delta R.T. -0.000 min

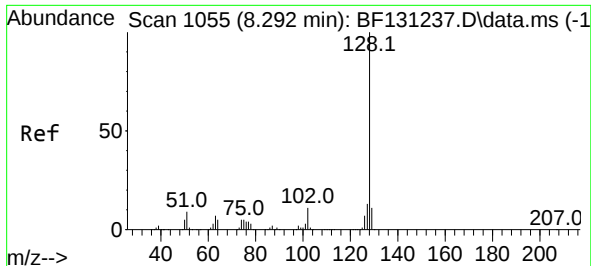
Lab File: BF131250.D

Acq: 16 Nov 2022 00:44

Tgt Ion:180 Resp: 226948

Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.6	115.0
145	29.8	24.8	37.2





#31
Naphthalene
Concen: 33.554 ng
RT: 8.286 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

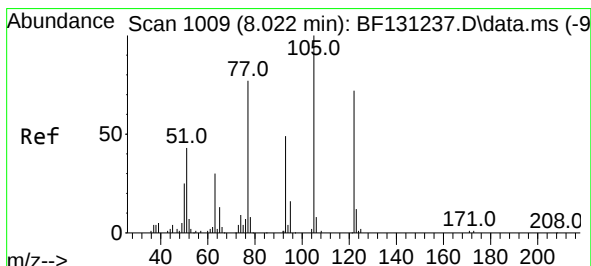
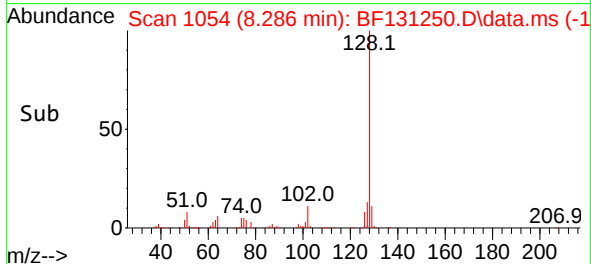
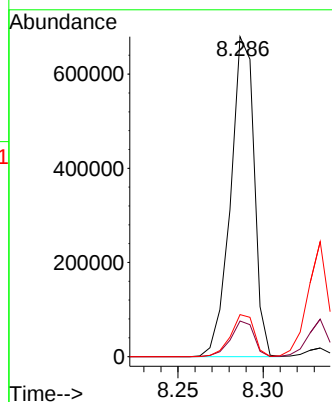
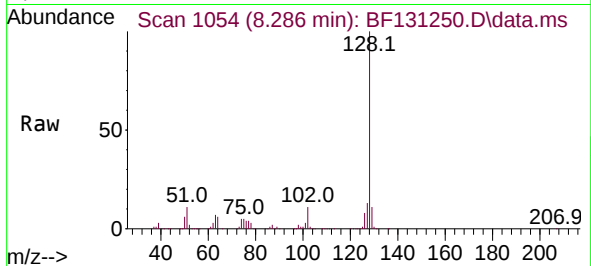
ClientSampleId :

PB148855BS

Tgt Ion:128 Resp: 65421
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.1 10.3 15.5

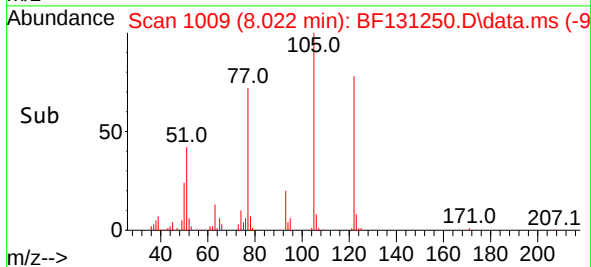
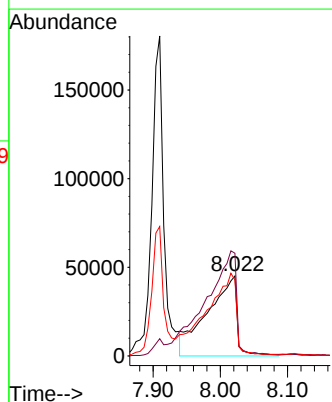
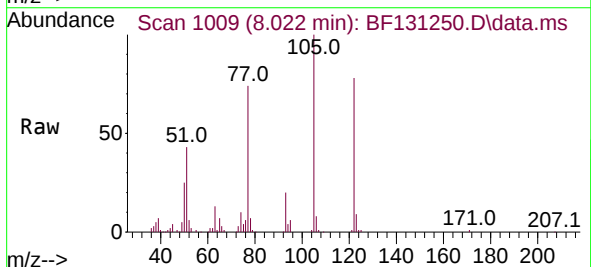
Manual Integrations
APPROVED

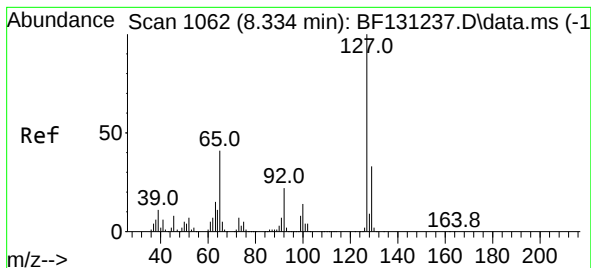
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#32
Benzoic acid
Concen: 38.029 ng m
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Tgt Ion:122 Resp: 138462
Ion Ratio Lower Upper
122 100
105 128.5 116.9 156.9
77 94.8 86.9 126.9





#33

4-Chloroaniline

Concen: 27.141 ng

RT: 8.333 min Scan# 1062

Delta R.T. -0.000 min

Lab File: BF131250.D

Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

PB148855BS

Tgt Ion:127 Resp: 208313

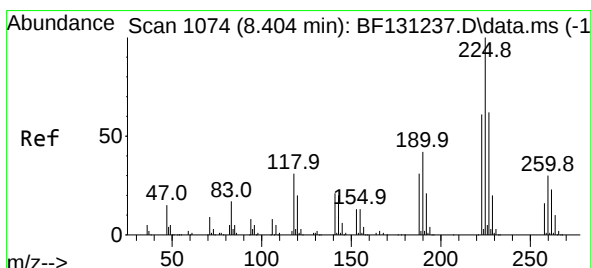
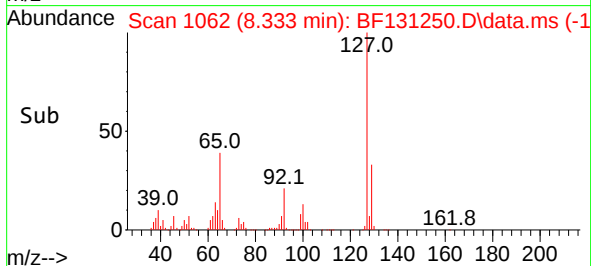
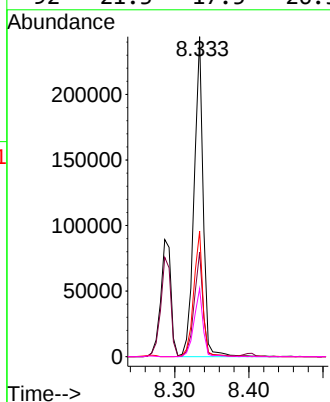
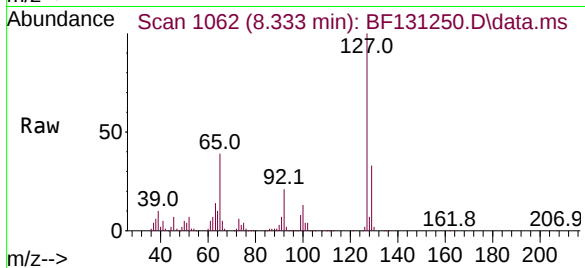
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	39.2	32.6	48.8
92	21.3	17.5	26.3

Manual Integrations

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Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#34

Hexachlorobutadiene

Concen: 34.292 ng

RT: 8.404 min Scan# 1074

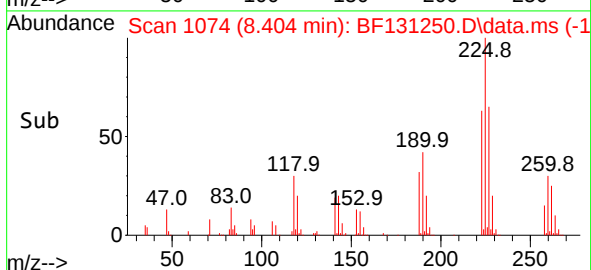
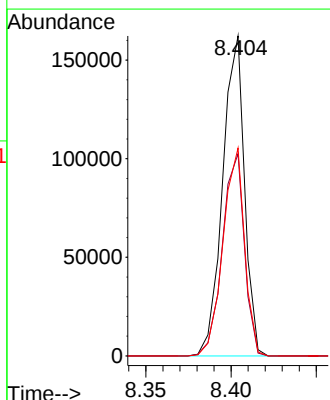
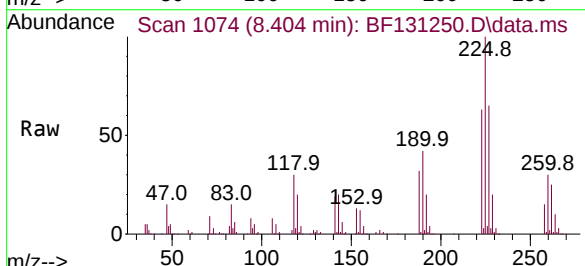
Delta R.T. -0.000 min

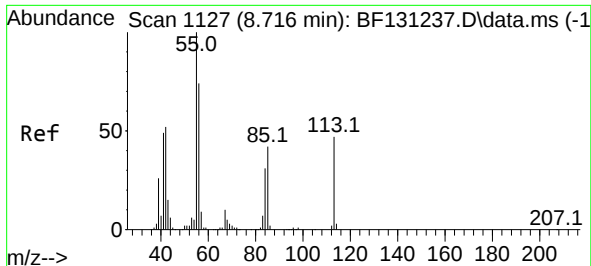
Lab File: BF131250.D

Acq: 16 Nov 2022 00:44

Tgt Ion:225 Resp: 144276

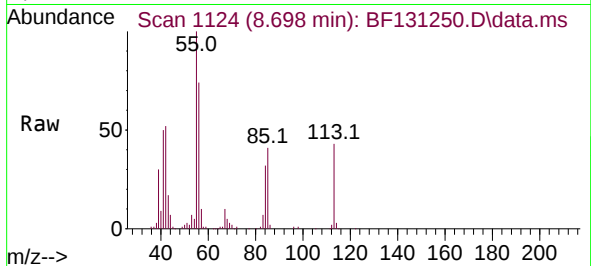
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.1	73.7
227	64.9	50.0	75.0





#35
Caprolactam
Concen: 37.606 ng m
RT: 8.698 min Scan# 1127
Delta R.T. -0.018 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

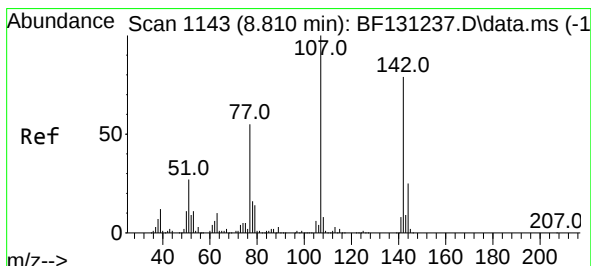
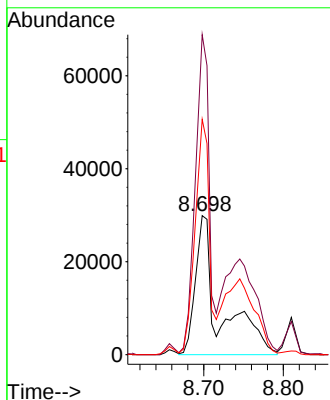
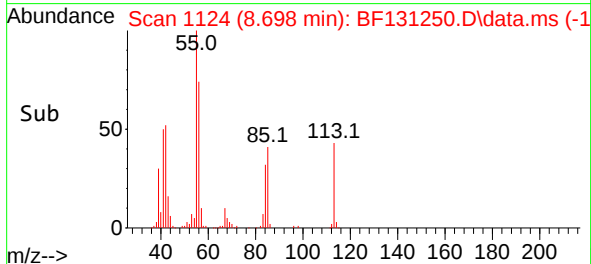
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion:113 Resp: 63010
Ion Ratio Lower Upper
113 100
55 230.2 193.2 233.2
56 169.3 137.2 177.2

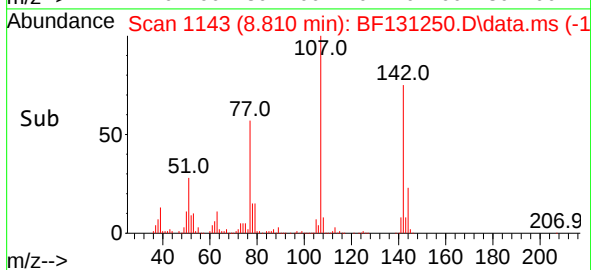
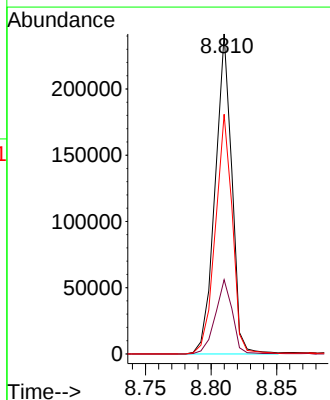
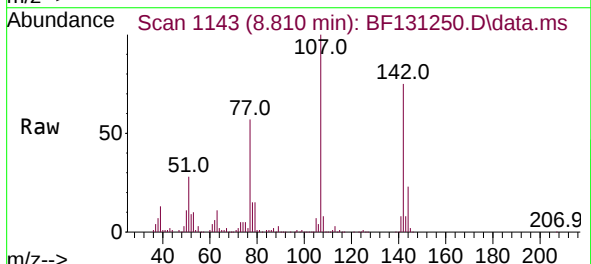
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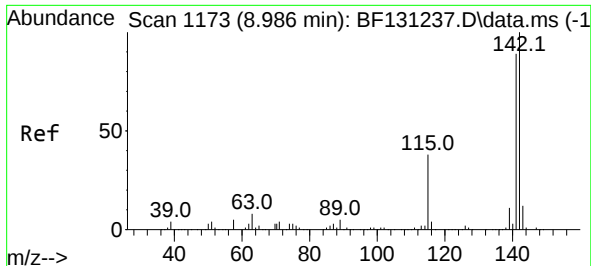
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#36
4-Chloro-3-methylphenol
Concen: 35.973 ng
RT: 8.810 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Tgt Ion:107 Resp: 214686
Ion Ratio Lower Upper
107 100
144 23.2 20.2 30.2
142 74.9 63.0 94.6





#37

2-Methylnaphthalene

Concen: 34.104 ng

RT: 8.980 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF131250.D

Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

PB148855BS

Tgt Ion:142 Resp: 44285

Ion Ratio Lower Upper

142 100

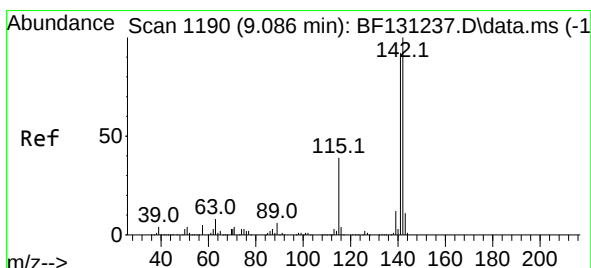
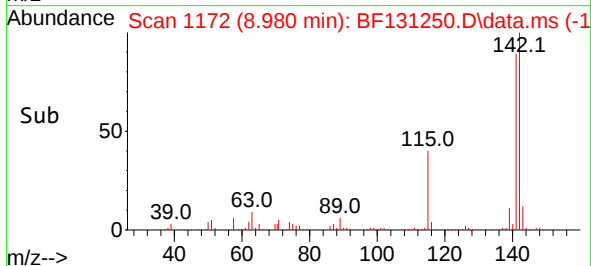
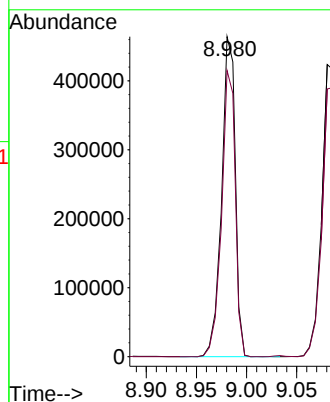
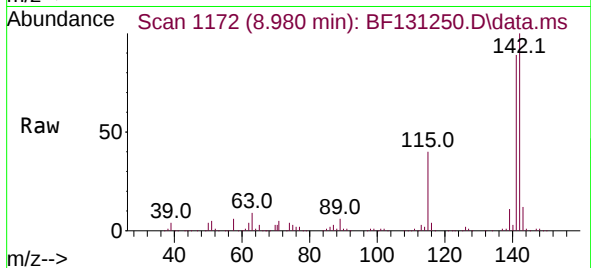
141 89.4 71.0 106.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#38

1-Methylnaphthalene

Concen: 32.953 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF131250.D

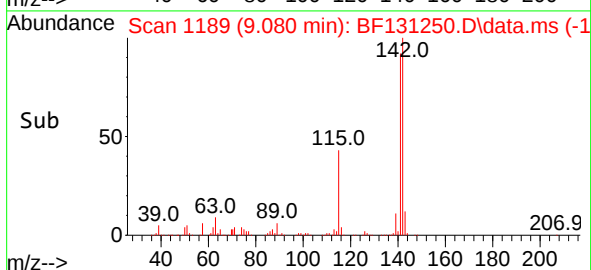
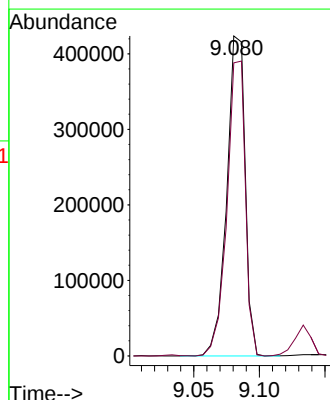
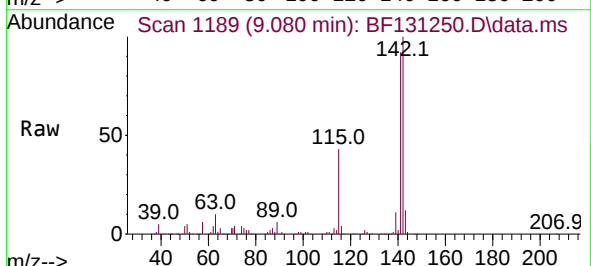
Acq: 16 Nov 2022 00:44

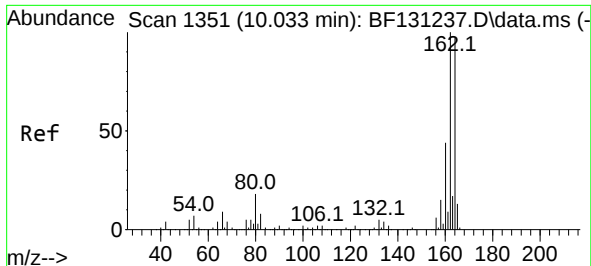
Tgt Ion:142 Resp: 414931

Ion Ratio Lower Upper

142 100

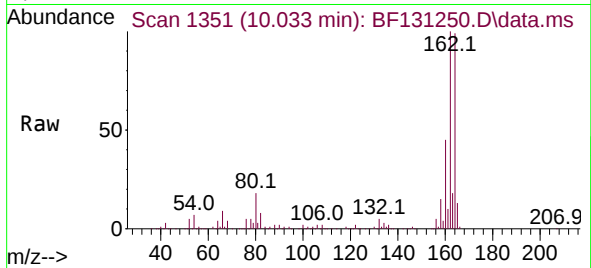
141 91.6 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

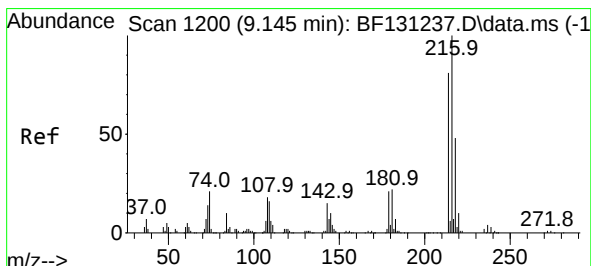
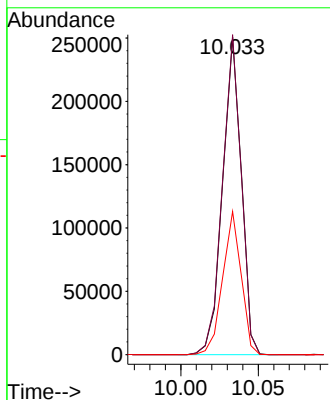
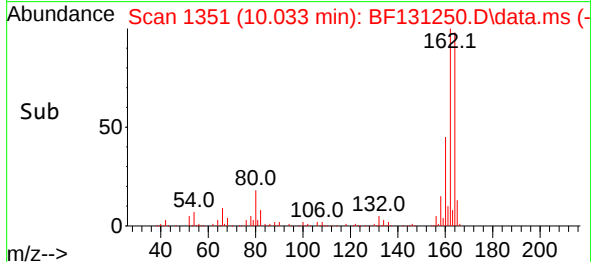
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion:164 Resp: 210975
Ion Ratio Lower Upper
164 100
162 100.8 82.1 123.1
160 45.1 36.2 54.4

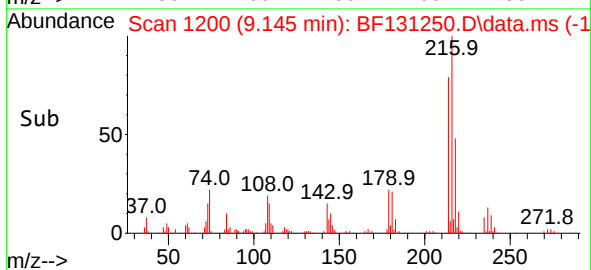
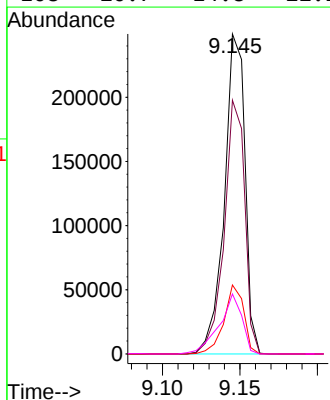
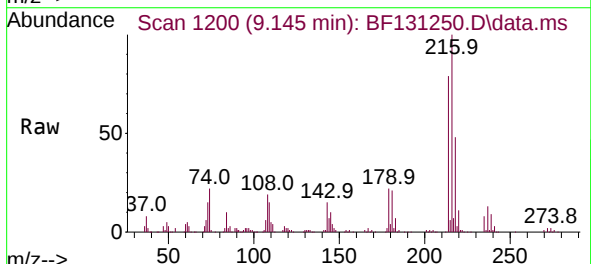
Manual Integrations
APPROVED

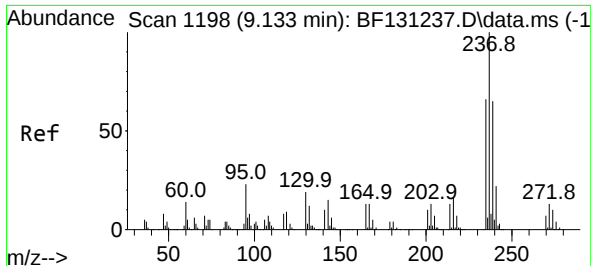
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.909 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

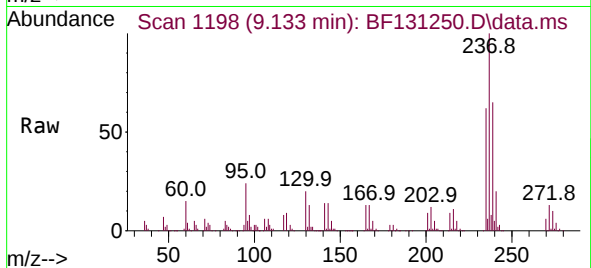
Tgt Ion:216 Resp: 230337
Ion Ratio Lower Upper
216 100
214 78.7 63.7 95.5
179 20.7 16.5 24.7
108 20.7 14.8 22.2





#41
Hexachlorocyclopentadiene
Concen: 79.961 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

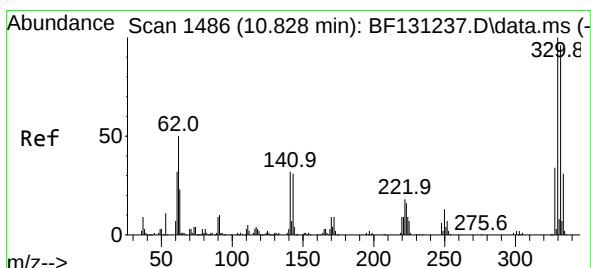
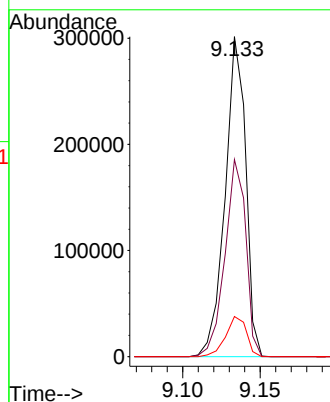
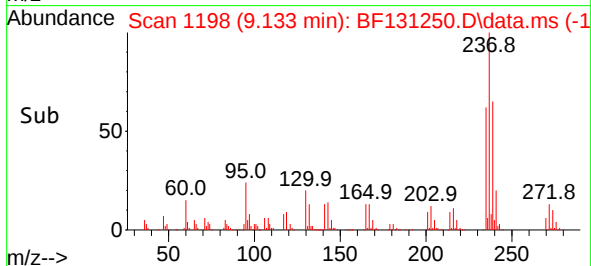
Instrument :
BNA_F
ClientSampleId :
PB148855BS



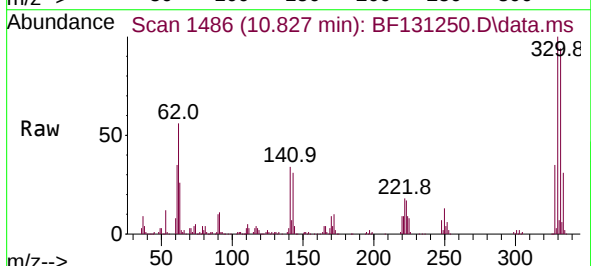
Tgt Ion:237 Resp: 278392
Ion Ratio Lower Upper
237 100
235 61.6 45.6 85.6
272 12.5 0.0 32.6

Manual Integrations
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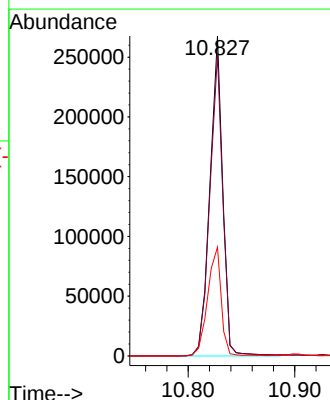
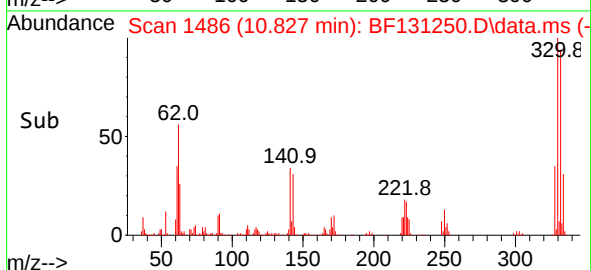
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

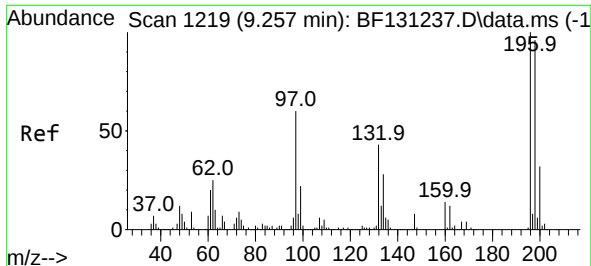


#42
2,4,6-Tribromophenol
Concen: 111.245 ng
RT: 10.827 min Scan# 1486
Delta R.T. -0.001 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44



Tgt Ion:330 Resp: 224186
Ion Ratio Lower Upper
330 100
332 95.4 76.8 115.2
141 35.9 29.6 44.4





#43

2,4,6-Trichlorophenol

Concen: 31.320 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF131250.D

Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

PB148855BS

Tgt Ion:196 Resp: 139096

Ion Ratio Lower Upper

196 100

198 96.7 76.5 114.7

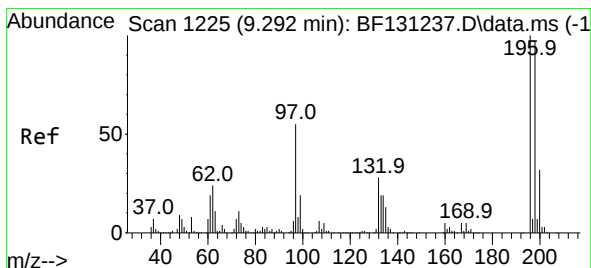
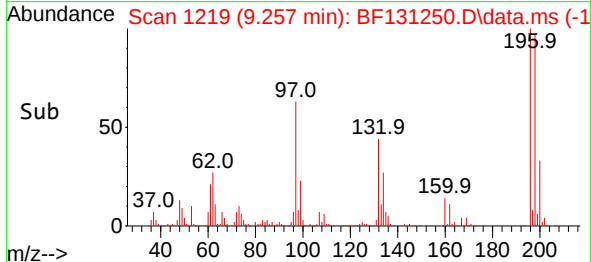
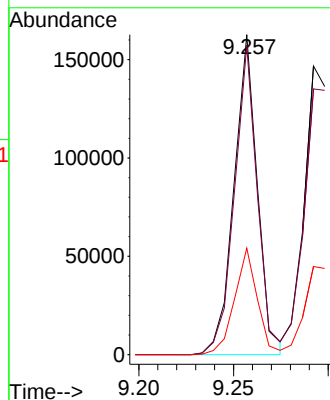
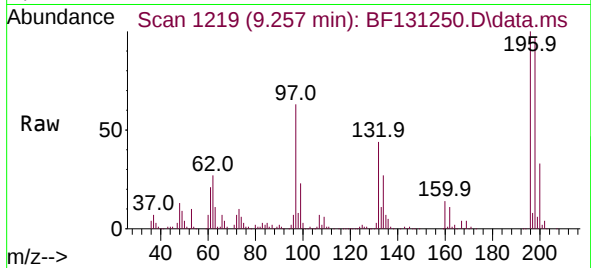
200 33.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#44

2,4,5-Trichlorophenol

Concen: 35.531 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.000 min

Lab File: BF131250.D

Acq: 16 Nov 2022 00:44

Tgt Ion:196 Resp: 169333

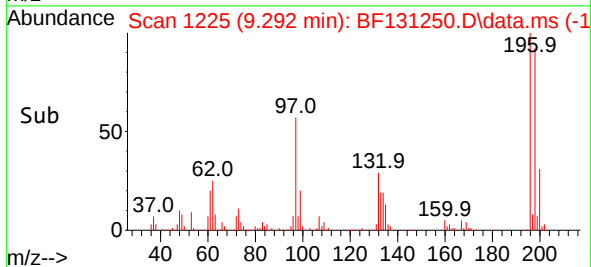
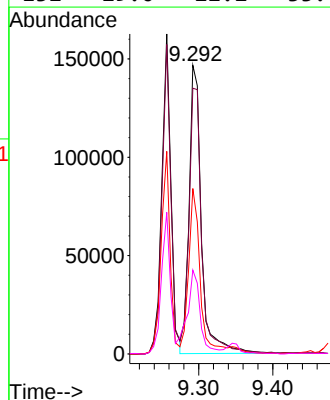
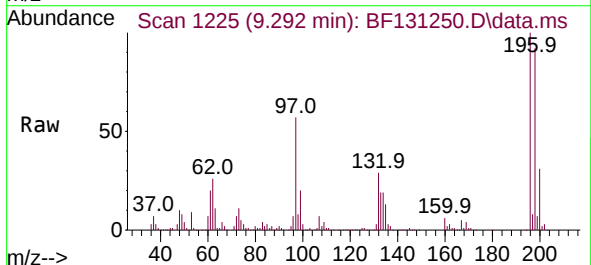
Ion Ratio Lower Upper

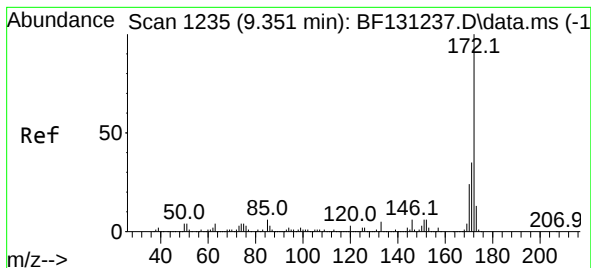
196 100

198 92.1 77.0 115.6

97 57.3 44.3 66.5

132 29.0 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 65.024 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF131250.D

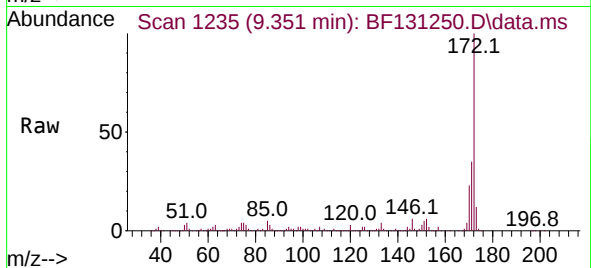
Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

PB148855BS



Tgt Ion:172 Resp: 937432

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

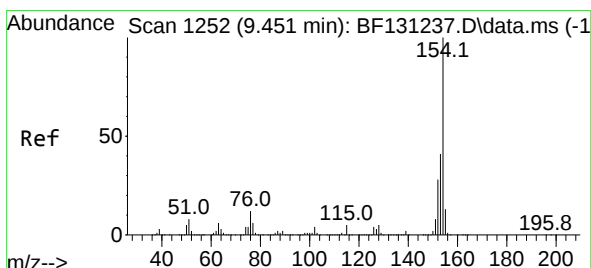
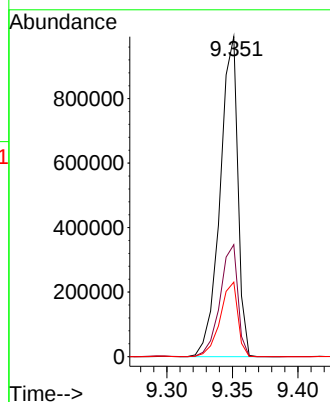
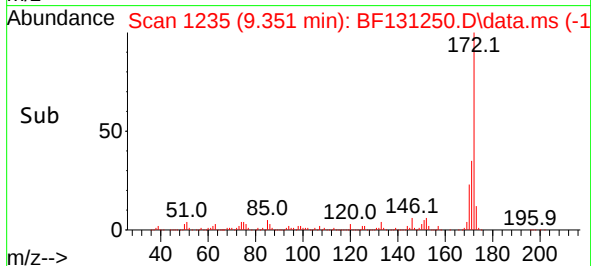
170 23.3 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#46

1,1'-Biphenyl

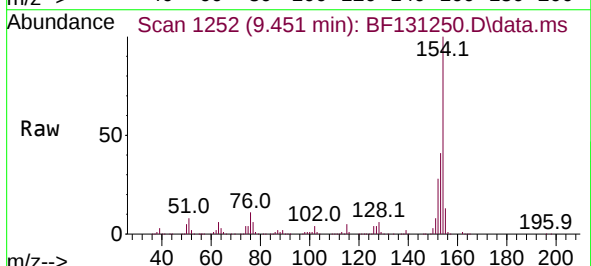
Concen: 33.745 ng

RT: 9.451 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF131250.D

Acq: 16 Nov 2022 00:44



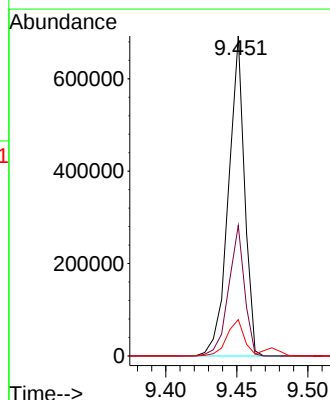
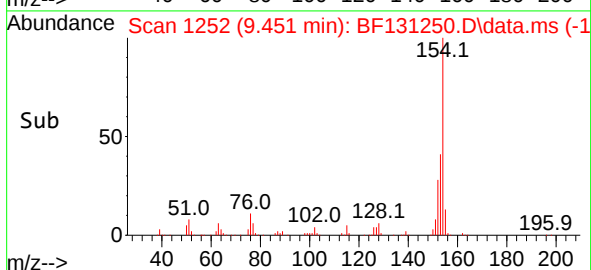
Tgt Ion:154 Resp: 547286

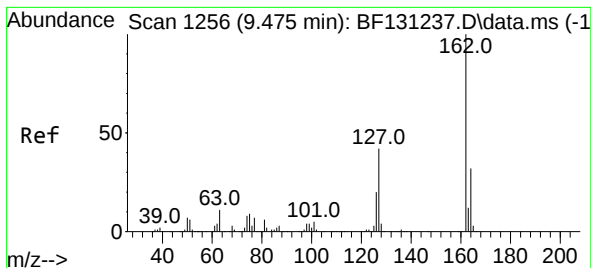
Ion Ratio Lower Upper

154 100

153 40.8 20.8 60.8

76 11.3 0.0 31.6





#47

2-Chloronaphthalene

Concen: 33.021 ng

RT: 9.475 min Scan# 1256

Delta R.T. -0.000 min

Lab File: BF131250.D

Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

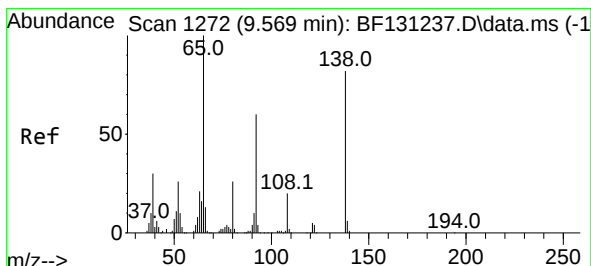
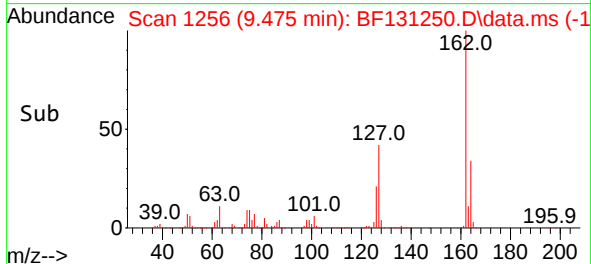
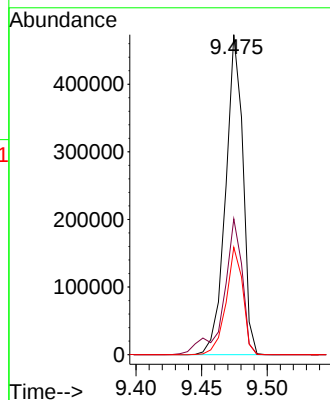
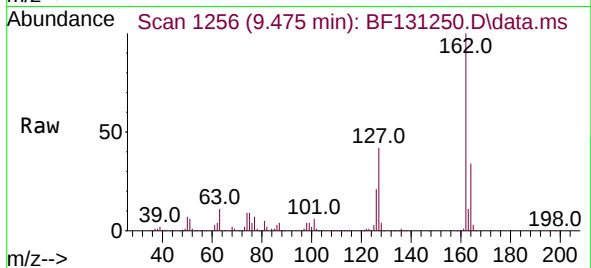
PB148855BS

Tgt Ion:162 Resp: 43384
 Ion Ratio Lower Upper
 162 100
 127 42.4 34.1 51.1
 164 33.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022



#48

2-Nitroaniline

Concen: 37.534 ng

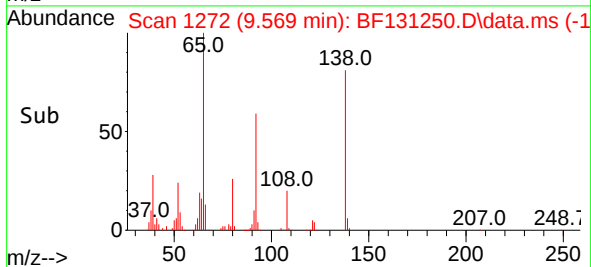
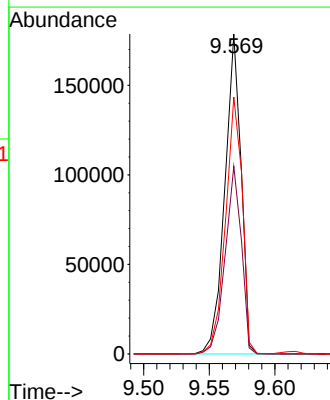
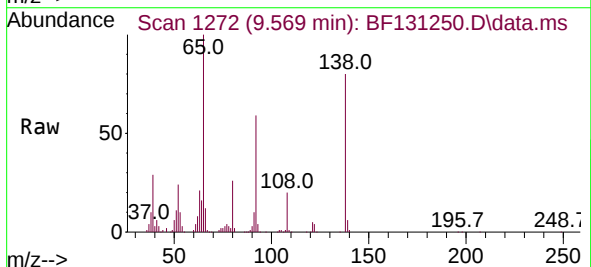
RT: 9.569 min Scan# 1272

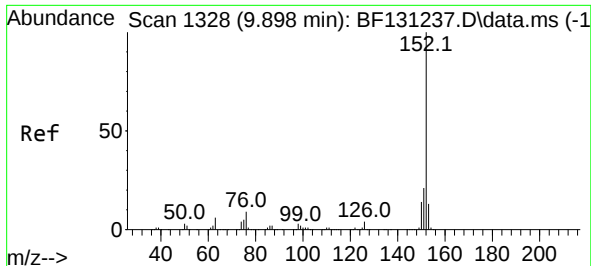
Delta R.T. -0.000 min

Lab File: BF131250.D

Acq: 16 Nov 2022 00:44

Tgt Ion: 65 Resp: 154170
 Ion Ratio Lower Upper
 65 100
 92 58.6 48.2 72.2
 138 80.3 65.8 98.8





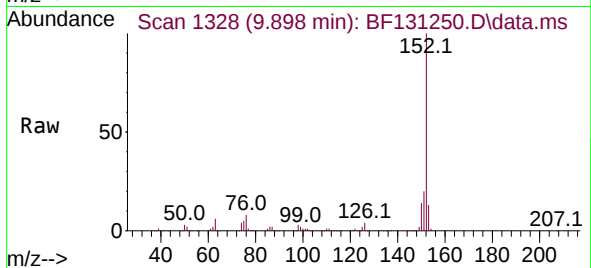
#49
Acenaphthylene
Concen: 33.267 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

PB148855BS

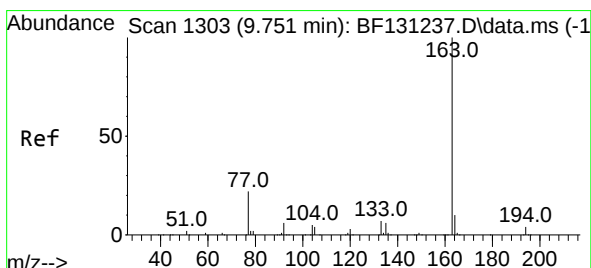
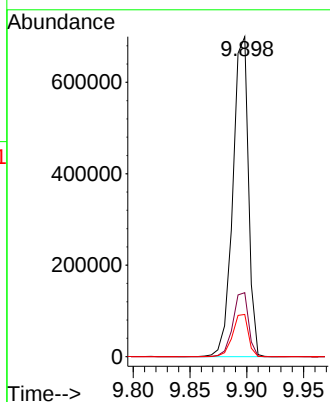
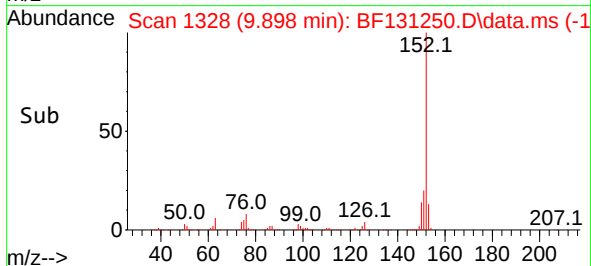


Tgt Ion:152 Resp: 667435
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.2 10.5 15.7

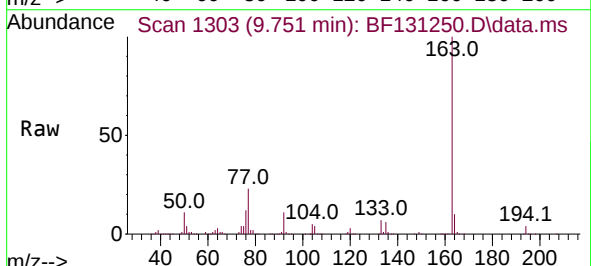
Manual Integrations

APPROVED

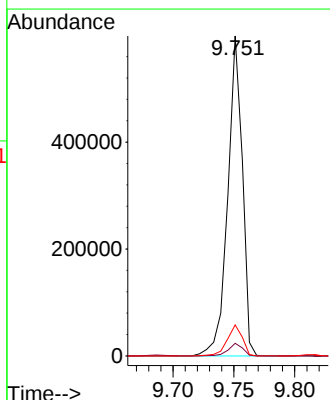
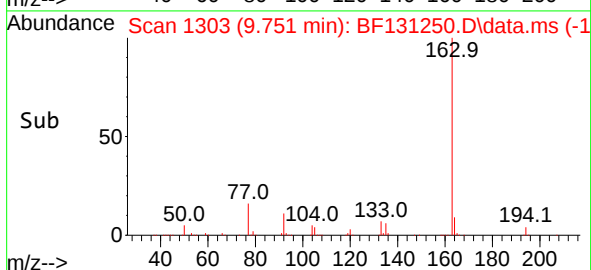
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

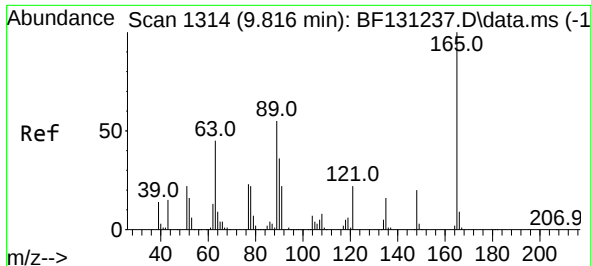


#50
Dimethylphthalate
Concen: 33.055 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44



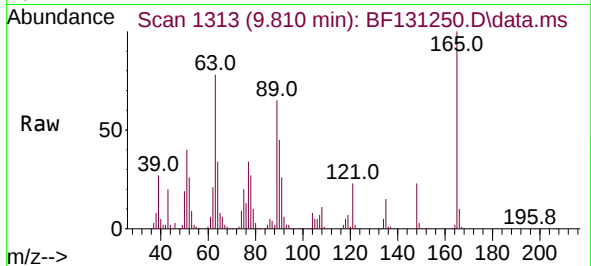
Tgt Ion:163 Resp: 499367
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.7 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 37.574 ng
RT: 9.810 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

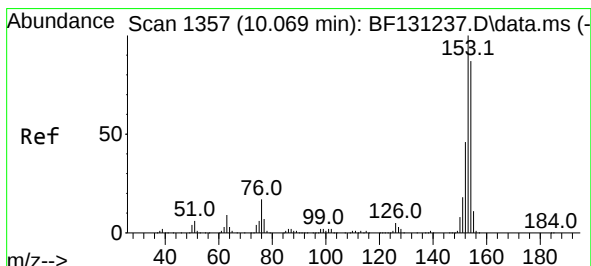
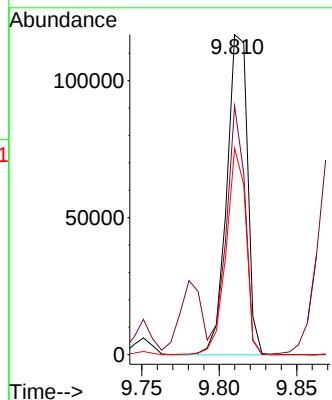
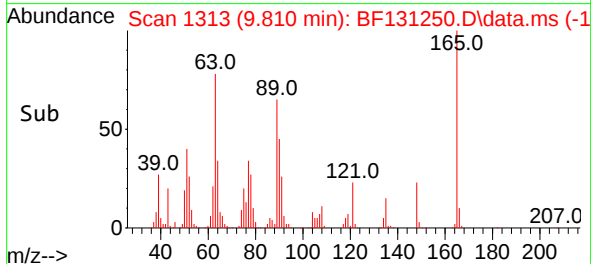
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion:165 Resp: 109310
Ion Ratio Lower Upper
165 100
63 77.7 49.8 74.6
89 64.5 44.5 66.7

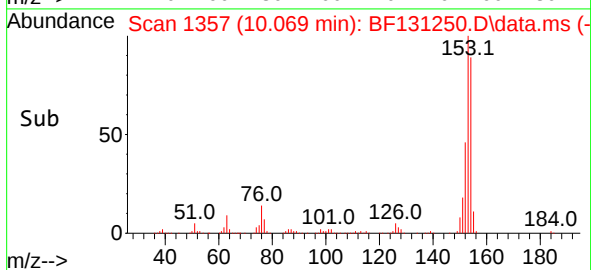
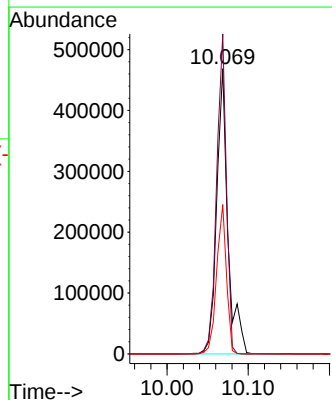
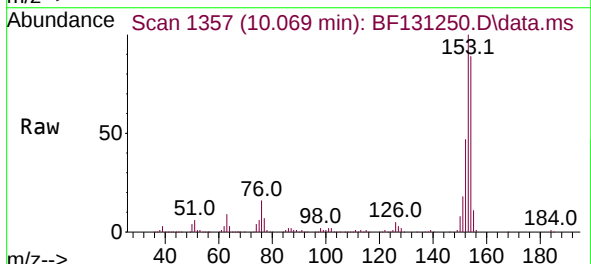
Manual Integrations
APPROVED

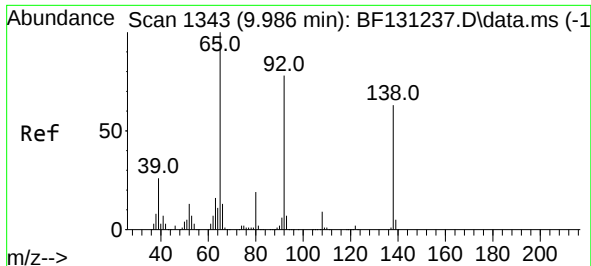
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#52
Acenaphthene
Concen: 36.025 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Tgt Ion:154 Resp: 451147
Ion Ratio Lower Upper
154 100
153 112.2 91.4 137.2
152 52.4 42.4 63.6





#53
3-Nitroaniline
Concen: 29.179 ng
RT: 9.980 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

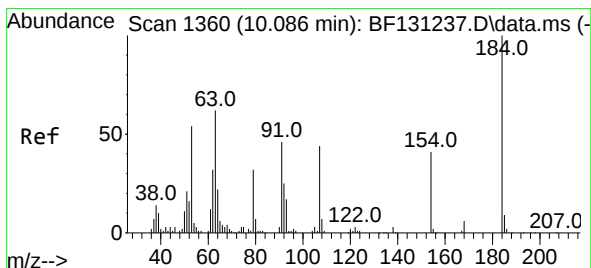
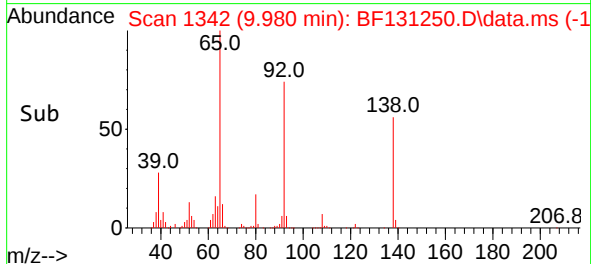
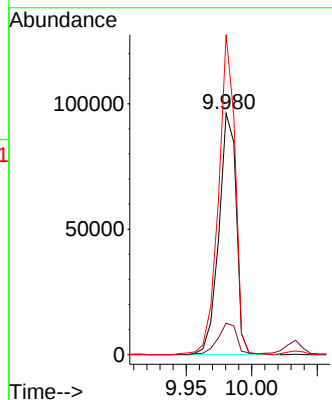
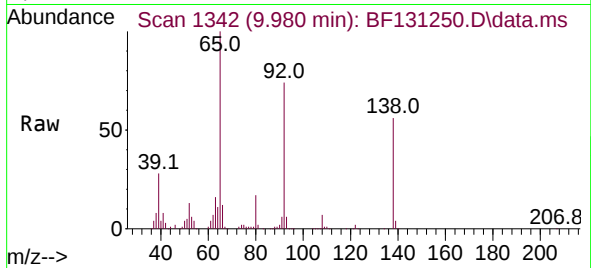
ClientSampleId :

PB148855BS

Tgt Ion:138 Resp: 88743
Ion Ratio Lower Upper
138 100
108 13.0 11.4 17.2
92 132.6 98.6 148.0

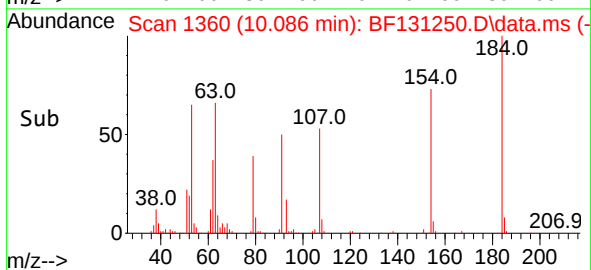
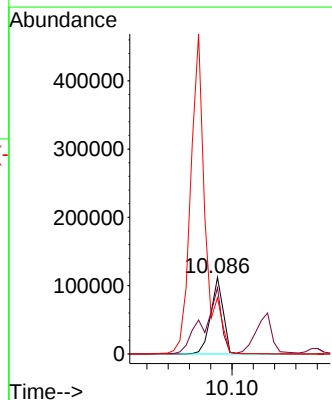
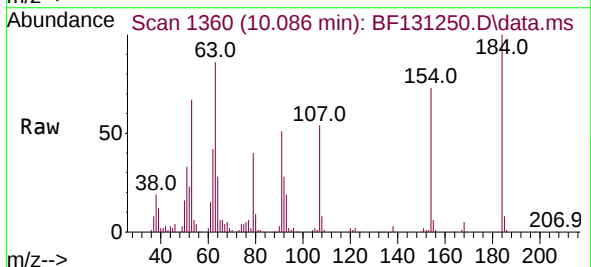
Manual Integrations
APPROVED

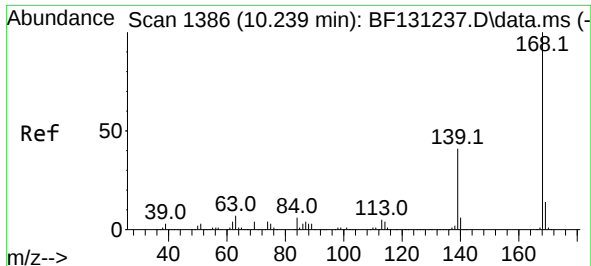
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#54
2,4-Dinitrophenol
Concen: 71.057 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

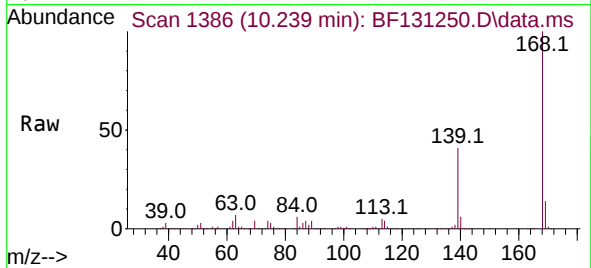
Tgt Ion:184 Resp: 91069
Ion Ratio Lower Upper
184 100
63 86.5 52.5 78.7#
154 73.1 54.0 81.0





#55
Dibenzenofuran
Concen: 33.296 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

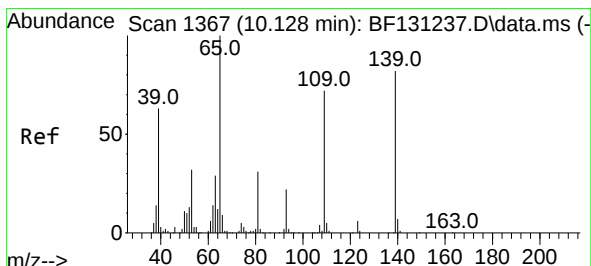
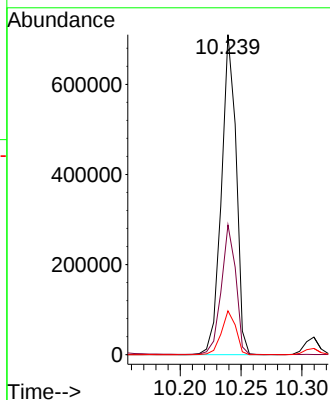
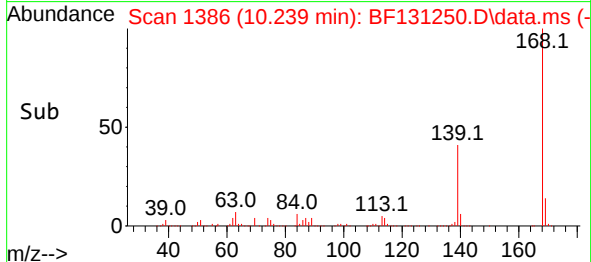
Instrument :
BNA_F
ClientSampleId :
PB148855BS



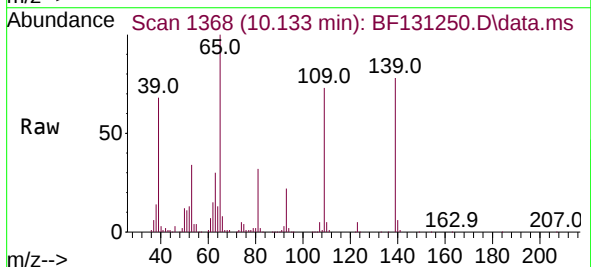
Tgt Ion:168 Resp: 597417
Ion Ratio Lower Upper
168 100
139 40.5 32.9 49.3
169 13.7 10.8 16.2

Manual Integrations
APPROVED

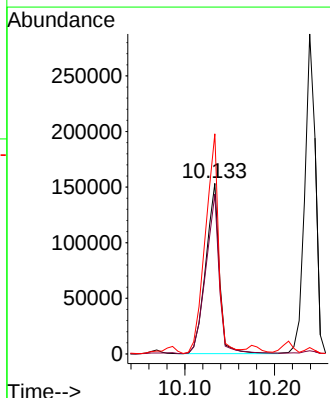
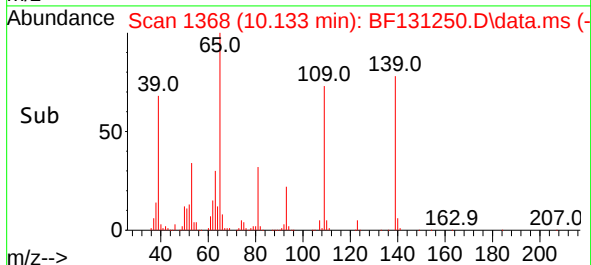
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

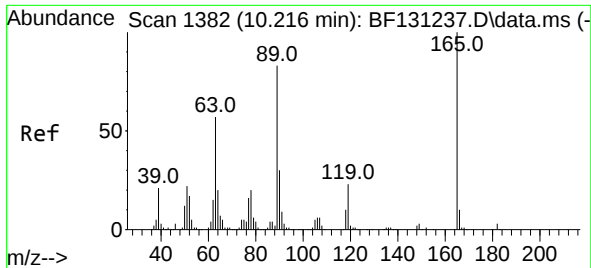


#56
4-Nitrophenol
Concen: 68.024 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.005 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44



Tgt Ion:139 Resp: 161694
Ion Ratio Lower Upper
139 100
109 93.6 68.1 108.1
65 129.0 101.6 141.6





#57
2,4-Dinitrotoluene
Concen: 37.831 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

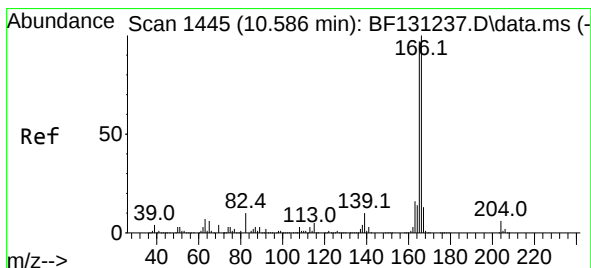
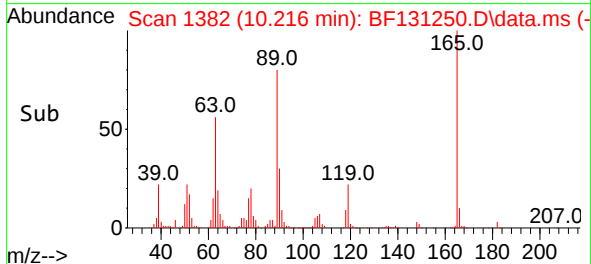
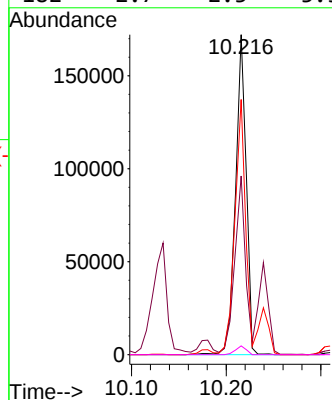
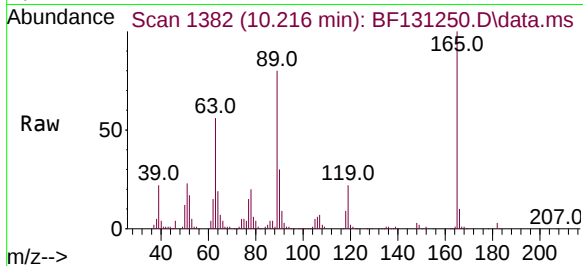
PB148855BS

Tgt Ion:165 Resp: 135560
Ion Ratio Lower Upper
165 100
63 55.9 46.0 69.0
89 79.7 66.2 99.4
182 2.7 2.3 3.5

Manual Integrations

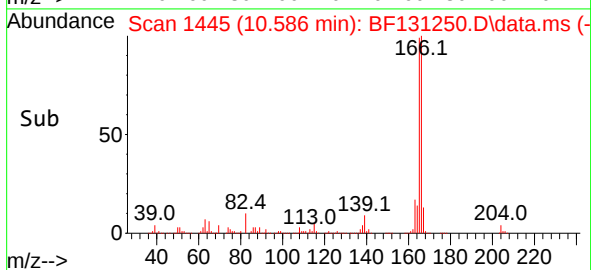
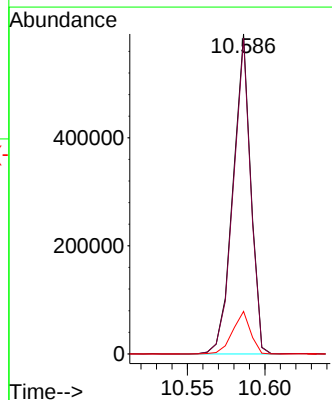
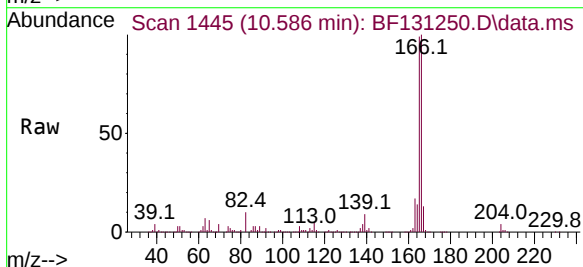
APPROVED

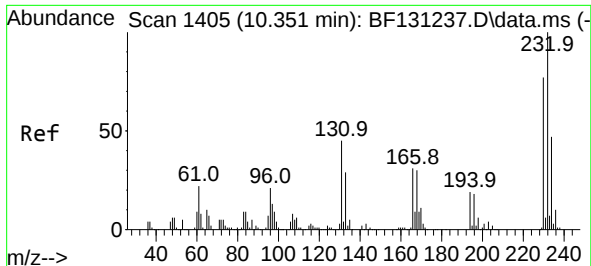
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#58
Fluorene
Concen: 33.226 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

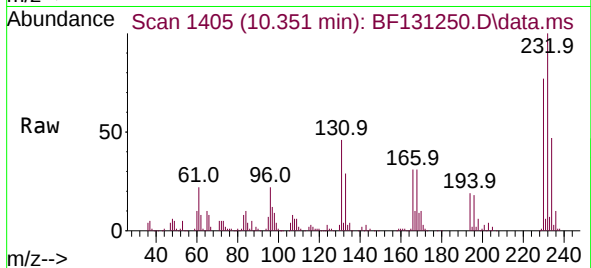
Tgt Ion:166 Resp: 469114
Ion Ratio Lower Upper
166 100
165 98.6 77.4 116.0
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 34.344 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

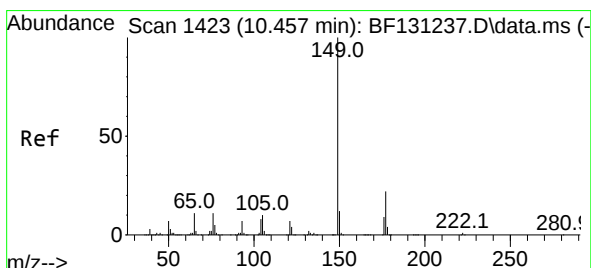
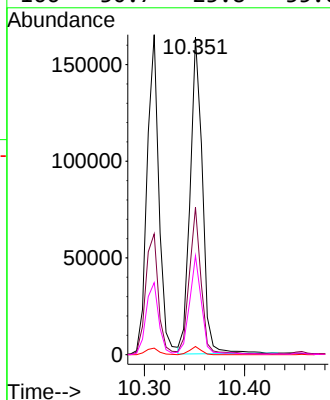
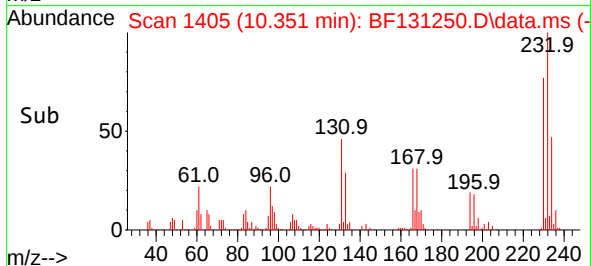
Instrument :
BNA_F
ClientSampleId :
PB148855BS



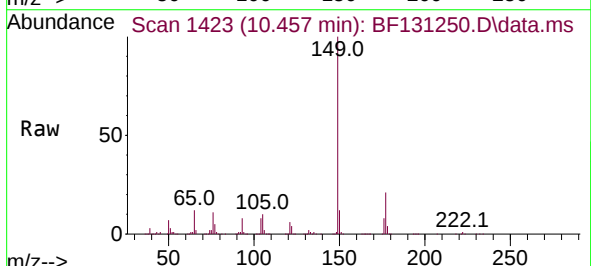
Tgt Ion:232 Resp: 138659
Ion Ratio Lower Upper
232 100
131 44.6 34.6 51.8
130 2.4 1.9 2.9
166 30.7 23.8 35.6

Manual Integrations
APPROVED

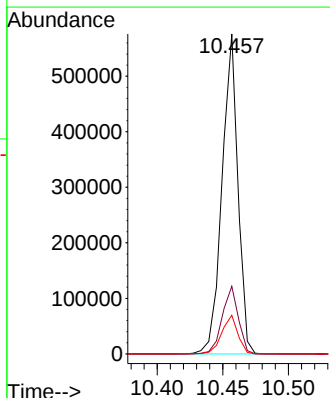
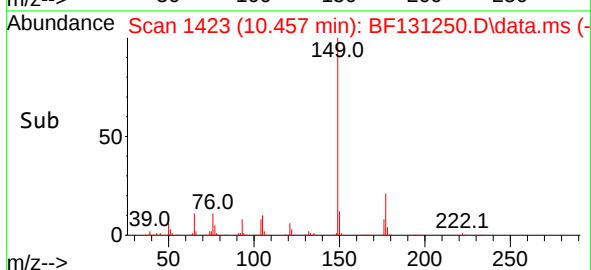
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

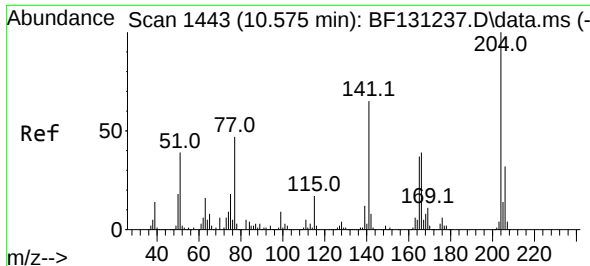


#60
Diethylphthalate
Concen: 34.024 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44



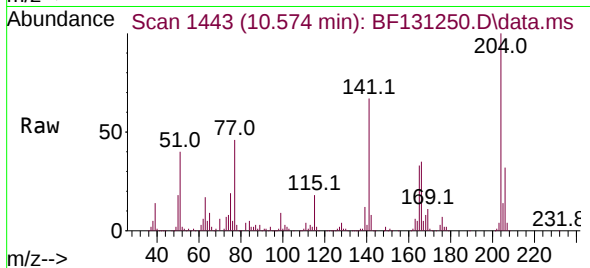
Tgt Ion:149 Resp: 485872
Ion Ratio Lower Upper
149 100
177 21.1 17.9 26.9
150 12.1 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 34.283 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

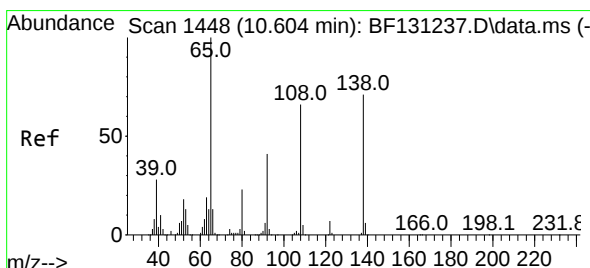
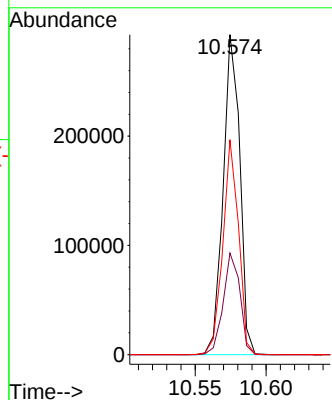
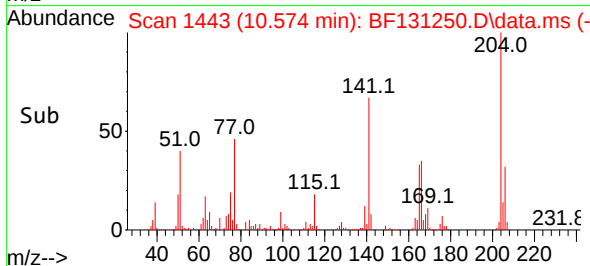
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion:204 Resp: 239343
Ion Ratio Lower Upper
204 100
206 31.7 25.8 38.8
141 67.2 52.1 78.1

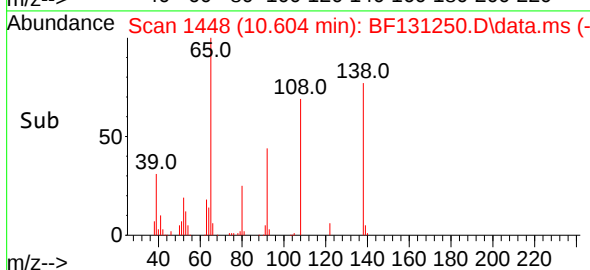
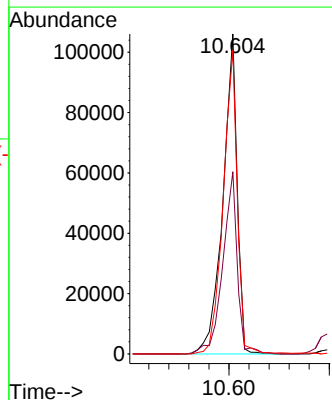
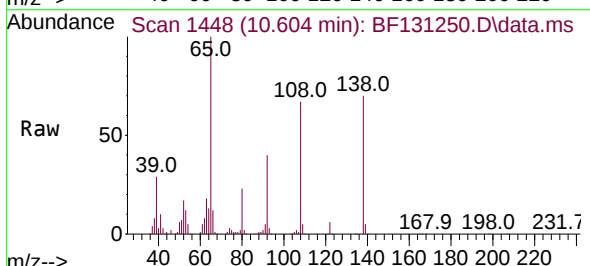
Manual Integrations
APPROVED

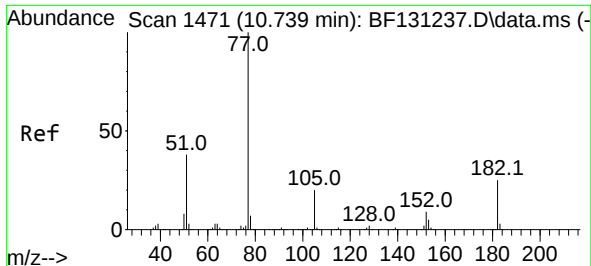
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#62
4-Nitroaniline
Concen: 34.462 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Tgt Ion:138 Resp: 105113
Ion Ratio Lower Upper
138 100
92 56.9 37.6 77.6
108 94.9 73.2 113.2





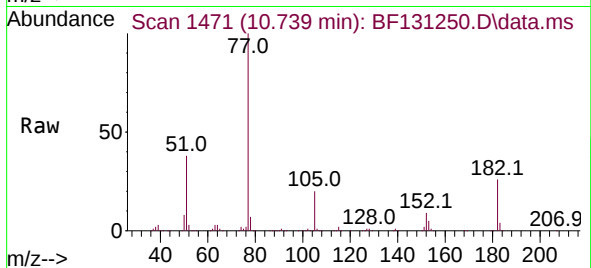
#63
Azobenzene
Concen: 33.094 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

PB148855BS

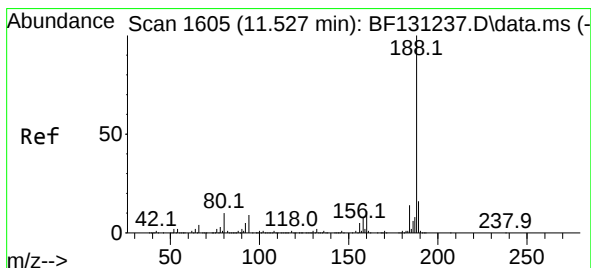
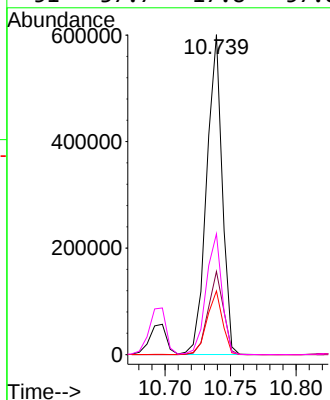
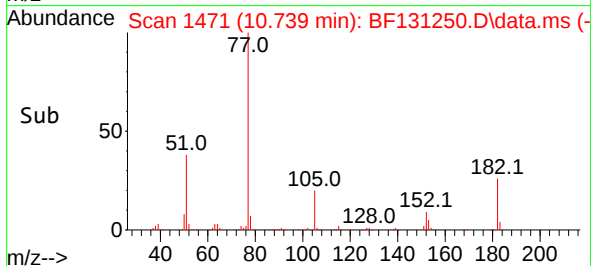


Tgt Ion: 77 Resp: 494806
Ion Ratio Lower Upper
77 100
182 26.0 5.0 45.0
105 19.9 0.1 40.1
51 37.7 17.8 57.8

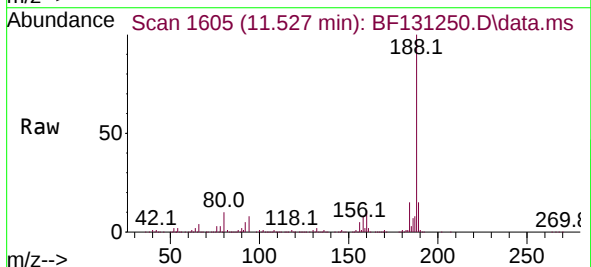
Manual Integrations

APPROVED

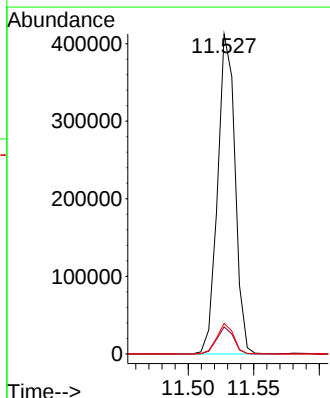
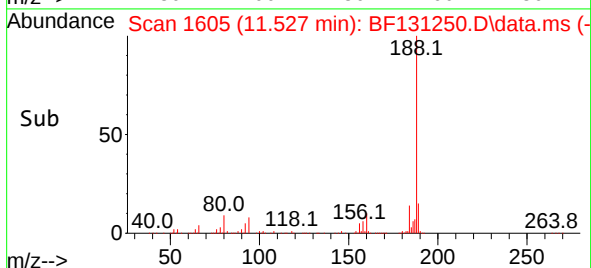
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

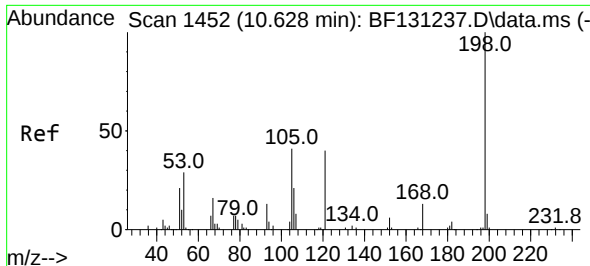


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44



Tgt Ion:188 Resp: 382379
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.5 8.0 12.0





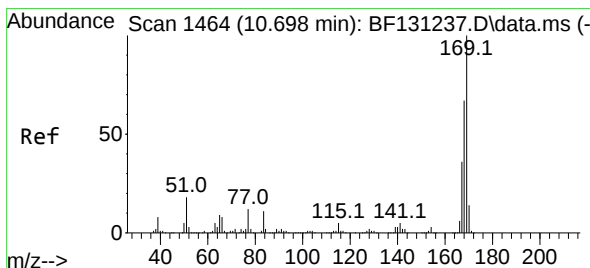
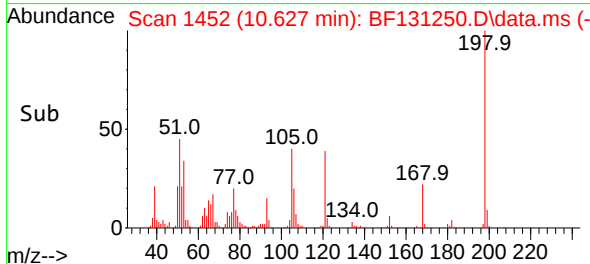
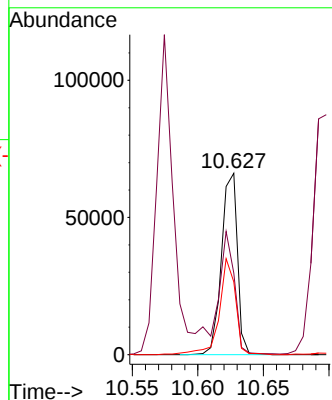
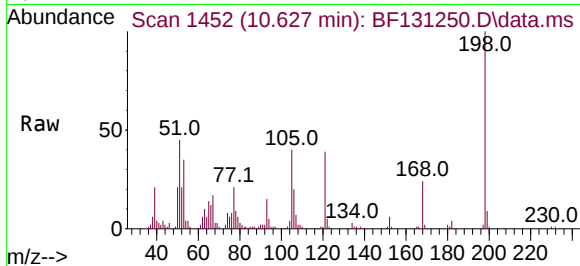
#65
4,6-Dinitro-2-methylphenol
Concen: 35.142 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.001 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Instrument :
BNA_F
ClientSampleId :
PB148855BS

Tgt Ion:198 Resp: 56015
Ion Ratio Lower Upper
198 100
51 45.0 29.4 69.4
105 40.1 22.2 62.2

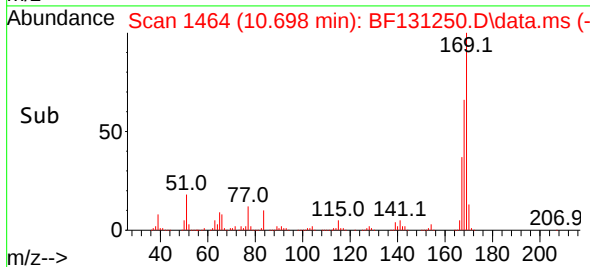
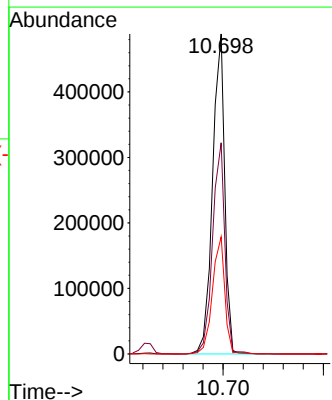
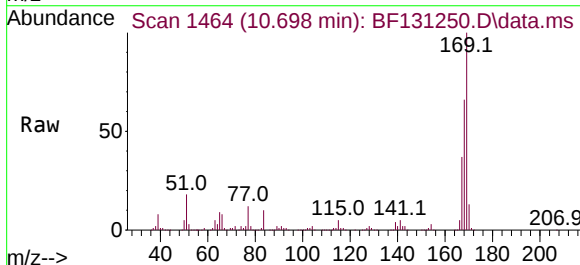
Manual Integrations
APPROVED

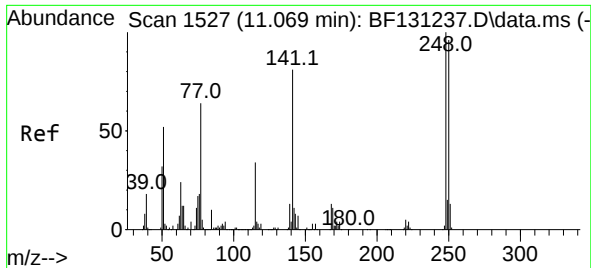
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#66
n-Nitrosodiphenylamine
Concen: 33.686 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Tgt Ion:169 Resp: 409241
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.0
167 36.6 28.9 43.3





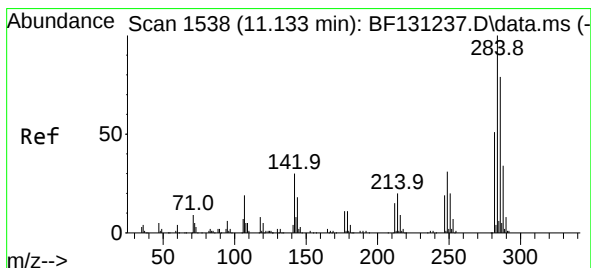
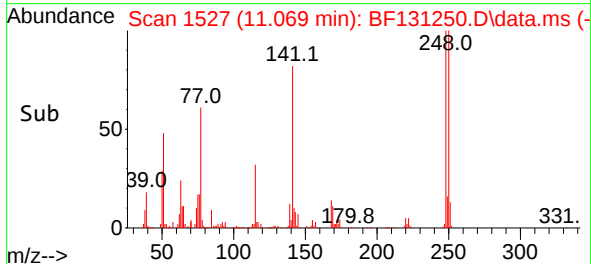
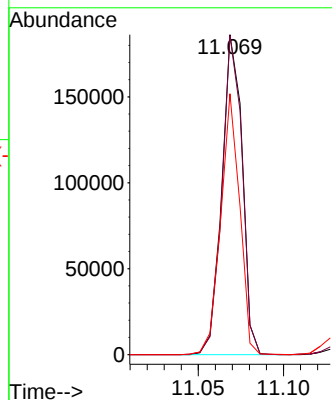
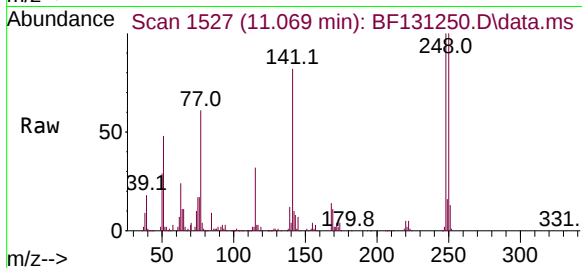
#67
4-Bromophenyl-phenylether
Concen: 34.448 ng
RT: 11.069 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Instrument :
BNA_F
ClientSampleId :
PB148855BS

Tgt Ion:248 Resp: 154658
Ion Ratio Lower Upper
248 100
250 99.7 76.6 114.8
141 81.5 64.7 97.1

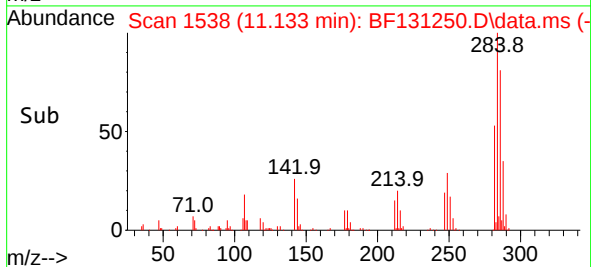
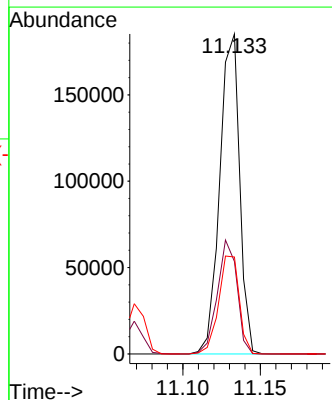
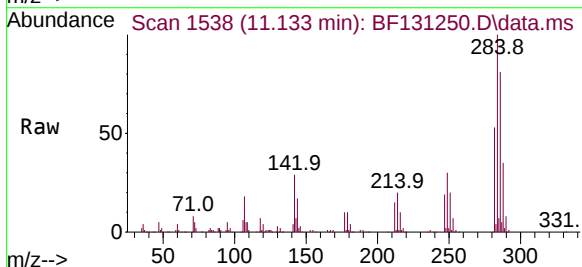
Manual Integrations
APPROVED

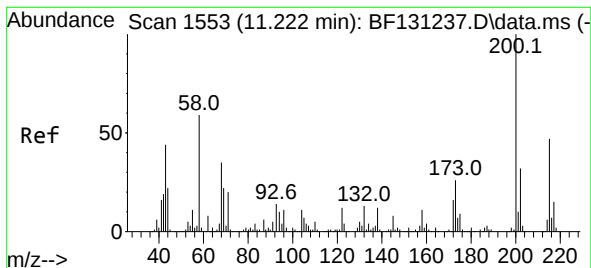
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#68
Hexachlorobenzene
Concen: 34.186 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Tgt Ion:284 Resp: 166336
Ion Ratio Lower Upper
284 100
142 28.9 24.3 36.5
249 30.3 24.8 37.2





#69

Atrazine

Concen: 28.725 ng

RT: 11.222 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131250.D

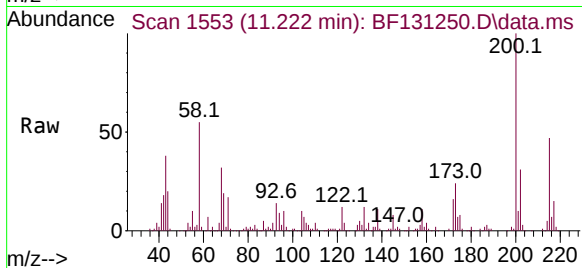
Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

PB148855BS



Tgt Ion:200 Resp: 114385

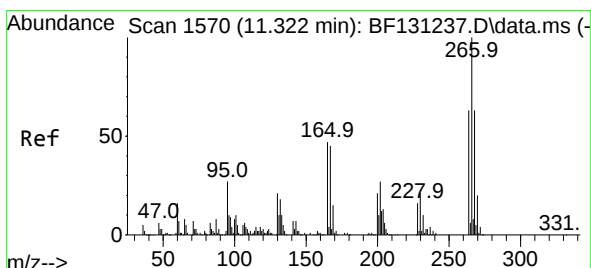
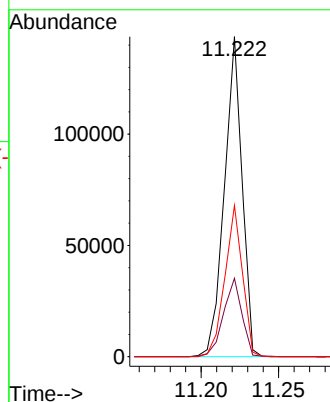
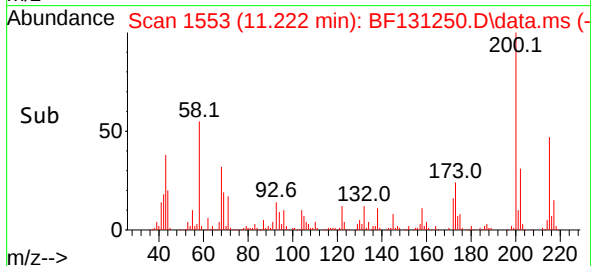
Ion	Ratio	Lower	Upper
200	100		
173	24.5	6.4	46.4
215	47.2	26.5	66.5

Manual Integrations

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Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#70

Pentachlorophenol

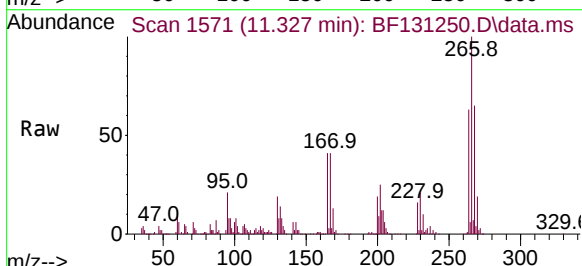
Concen: 71.352 ng

RT: 11.327 min Scan# 1571

Delta R.T. 0.006 min

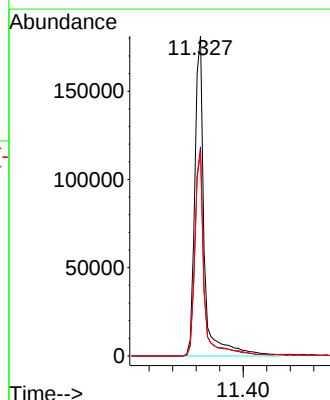
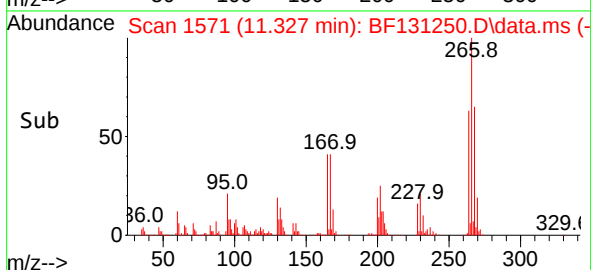
Lab File: BF131250.D

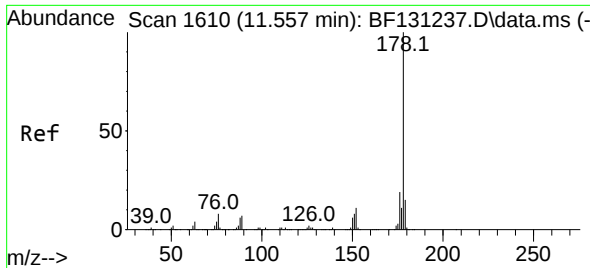
Acq: 16 Nov 2022 00:44



Tgt Ion:266 Resp: 202636

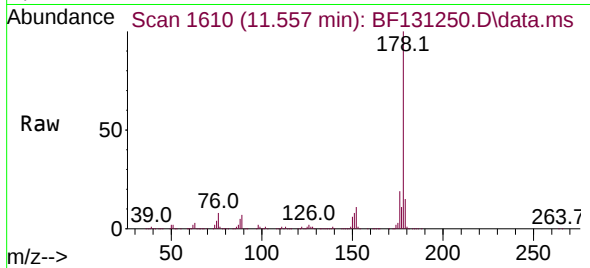
Ion	Ratio	Lower	Upper
266	100		
268	65.3	50.5	75.7
264	63.3	50.4	75.6





#71
Phenanthrene
Concen: 33.328 ng
RT: 11.557 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

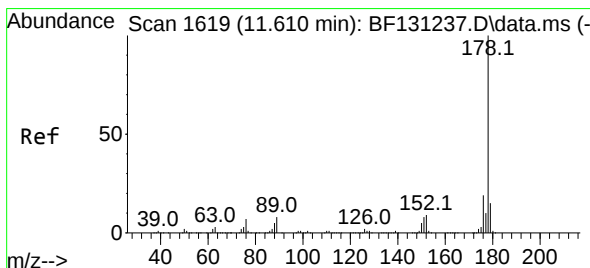
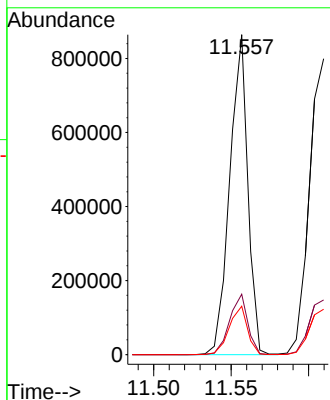
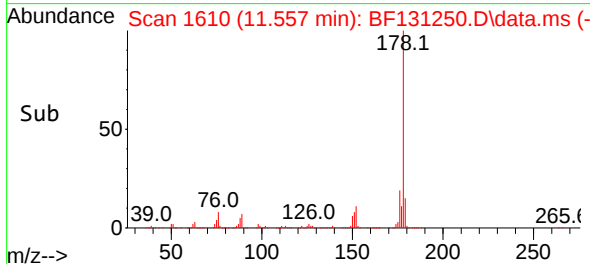
Instrument :
BNA_F
ClientSampleId :
PB148855BS



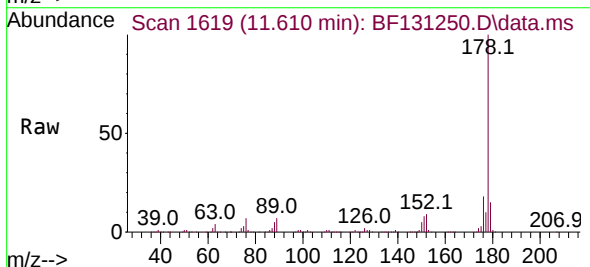
Tgt Ion:178 Resp: 703316
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.1 12.1 18.1

Manual Integrations
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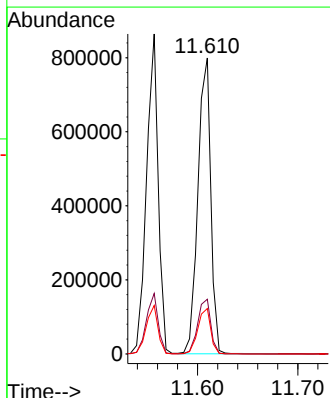
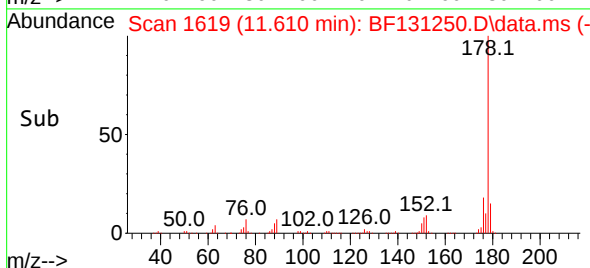
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

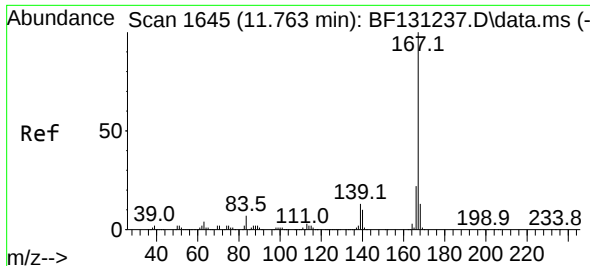


#72
Anthracene
Concen: 34.431 ng
RT: 11.610 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44



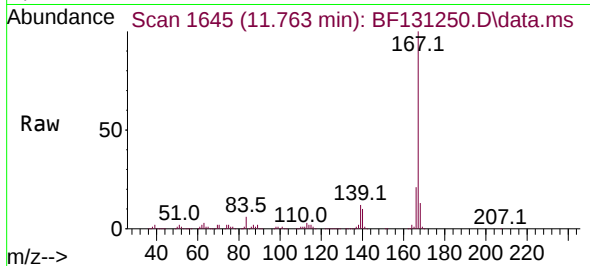
Tgt Ion:178 Resp: 709784
Ion Ratio Lower Upper
178 100
176 18.5 15.2 22.8
179 15.3 12.2 18.2





#73
 Carbazole
 Concen: 34.912 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. -0.000 min
 Lab File: BF131250.D
 Acq: 16 Nov 2022 00:44

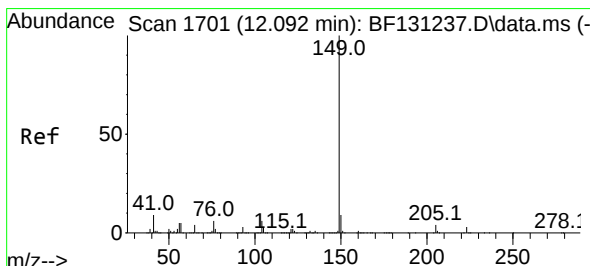
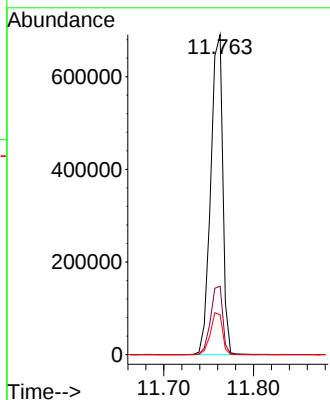
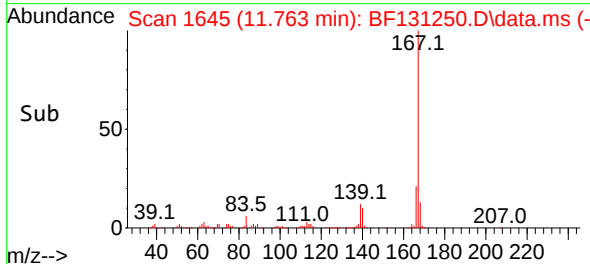
Instrument :
 BNA_F
 ClientSampleId :
 PB148855BS



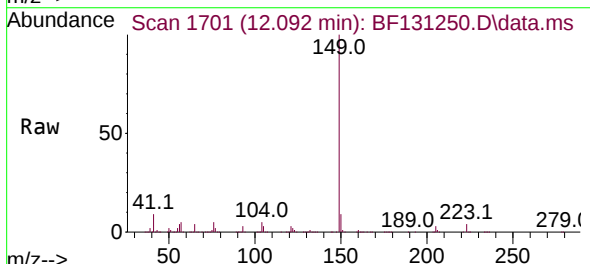
Tgt Ion:167 Resp: 644217
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 12.5 10.3 15.5

Manual Integrations
 APPROVED

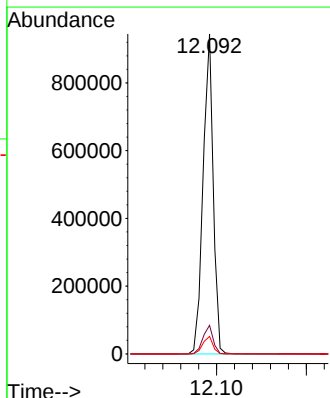
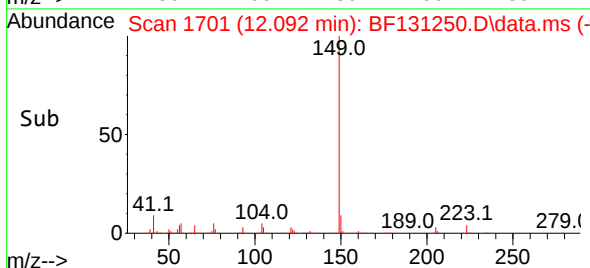
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022

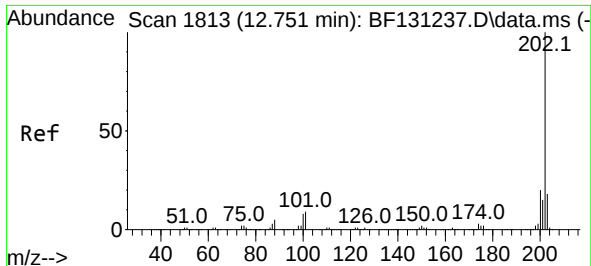


#74
 Di-n-butylphthalate
 Concen: 34.333 ng
 RT: 12.092 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: BF131250.D
 Acq: 16 Nov 2022 00:44



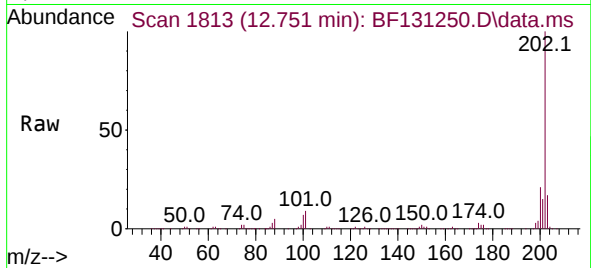
Tgt Ion:149 Resp: 737318
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 5.5 4.5 6.7





#75
Fluoranthene
Concen: 33.936 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

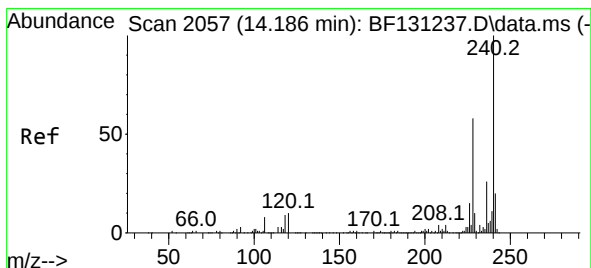
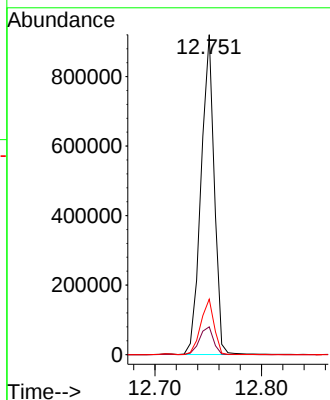
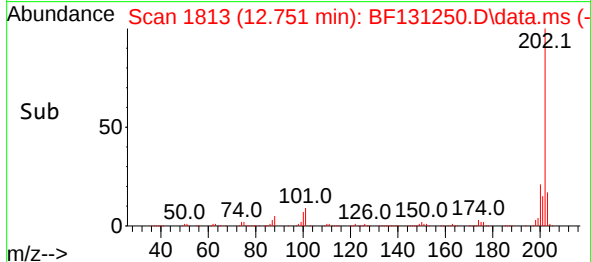
Instrument :
BNA_F
ClientSampleId :
PB148855BS



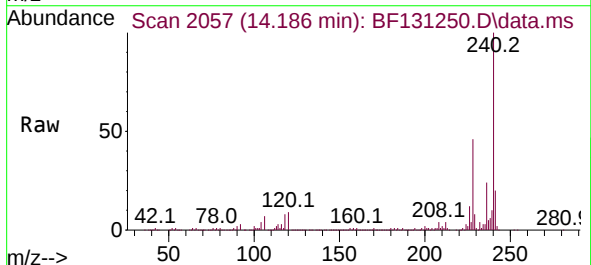
Tgt Ion:202 Resp: 78981
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.4
203 17.3 0.0 37.7

Manual Integrations
APPROVED

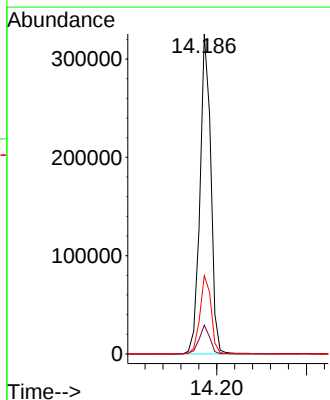
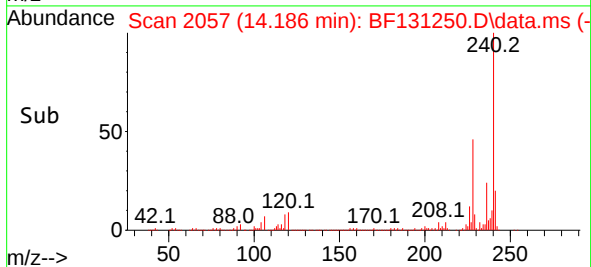
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

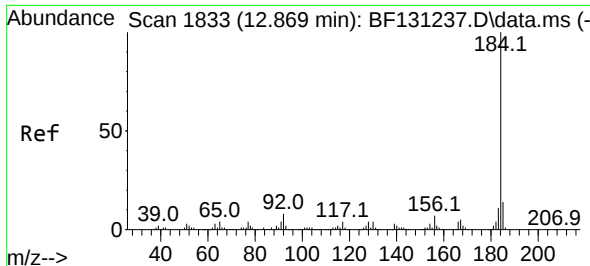


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44



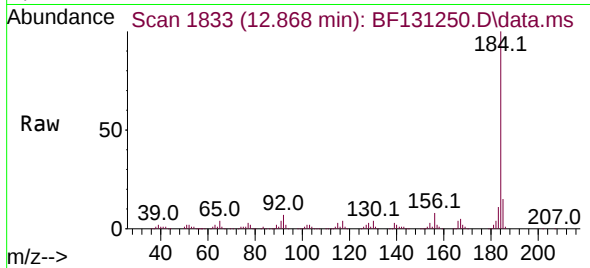
Tgt Ion:240 Resp: 272898
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 24.4 20.6 31.0





#77
Benzidine
Concen: 40.052 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.001 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

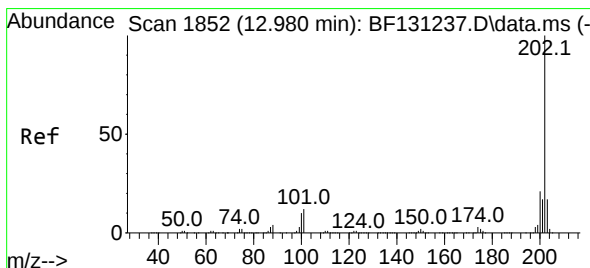
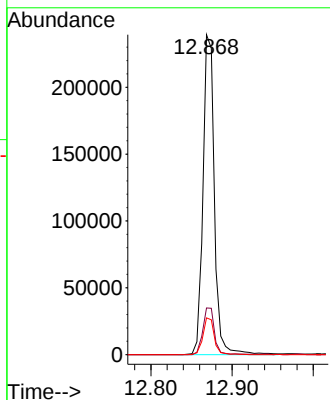
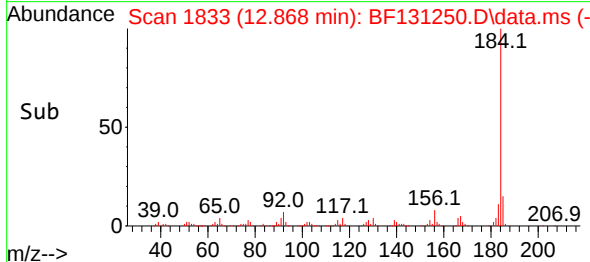
Instrument :
BNA_F
ClientSampleId :
PB148855BS



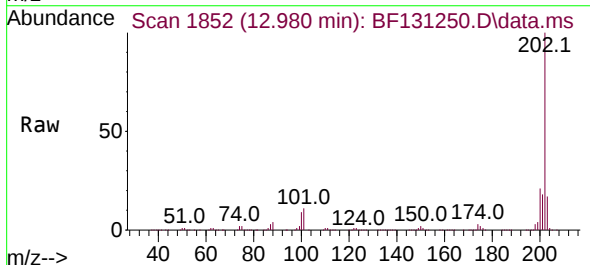
Tgt Ion:184 Resp: 234227
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 11.5 9.0 13.4

Manual Integrations
APPROVED

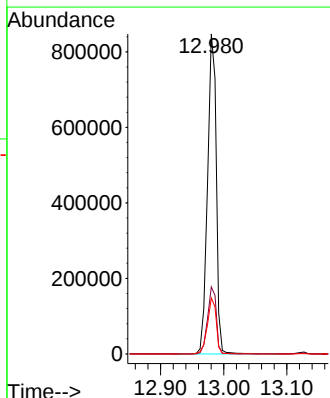
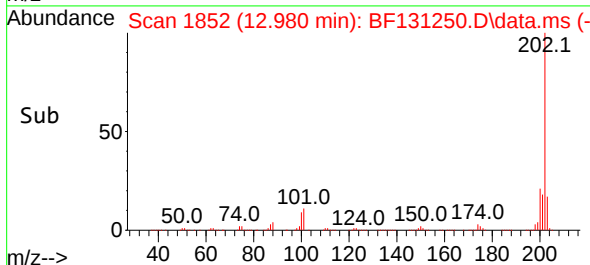
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

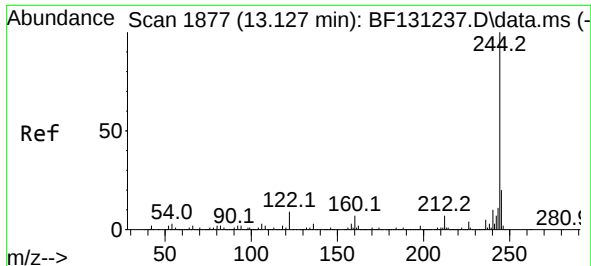


#78
Pyrene
Concen: 34.426 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44



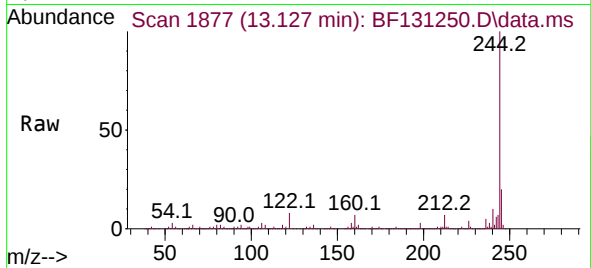
Tgt Ion:202 Resp: 809845
Ion Ratio Lower Upper
202 100
200 20.9 16.4 24.6
203 17.5 14.0 21.0





#79
 Terphenyl-d14
 Concen: 71.823 ng
 RT: 13.127 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: BF131250.D
 Acq: 16 Nov 2022 00:44

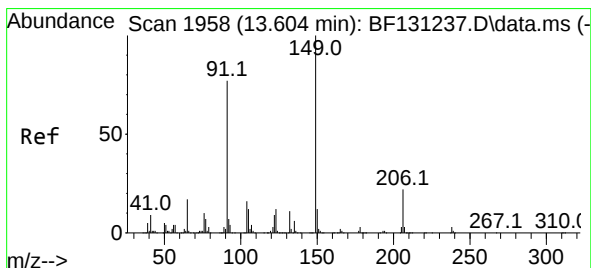
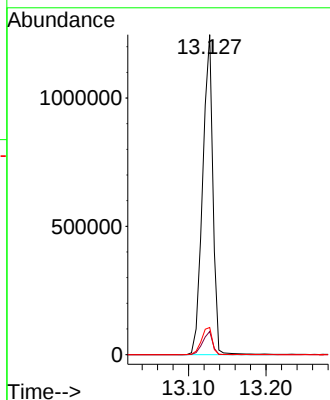
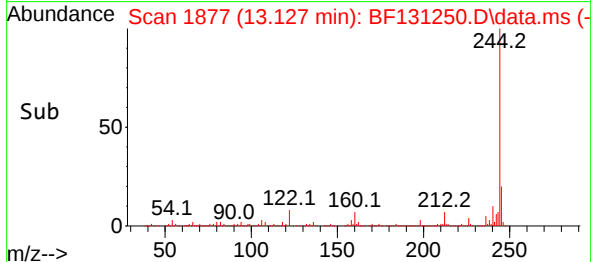
Instrument :
 BNA_F
 ClientSampleId :
 PB148855BS



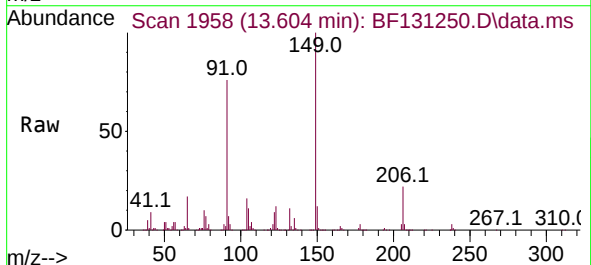
Tgt Ion:244 Resp: 1141368
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 8.5 7.4 11.2

Manual Integrations
 APPROVED

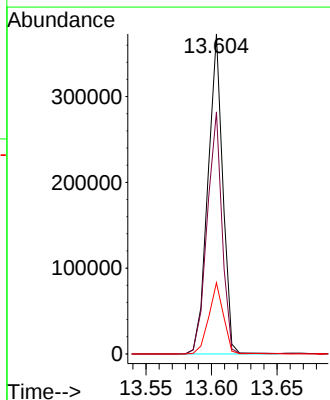
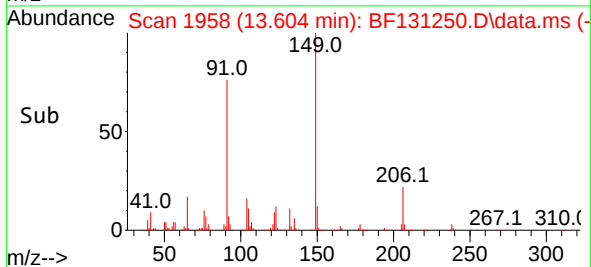
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022

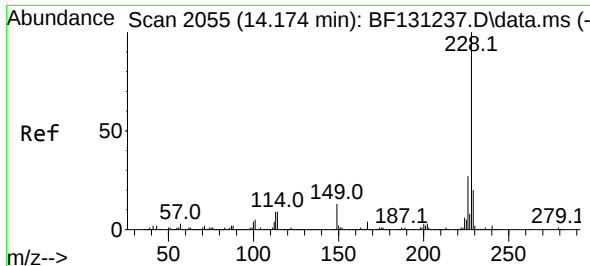


#80
 Butylbenzylphthalate
 Concen: 36.842 ng
 RT: 13.604 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: BF131250.D
 Acq: 16 Nov 2022 00:44



Tgt Ion:149 Resp: 293720
 Ion Ratio Lower Upper
 149 100
 91 75.6 61.5 92.3
 206 22.2 17.4 26.2





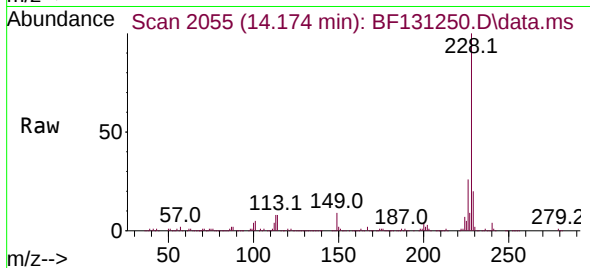
#81
Benzo(a)anthracene
Concen: 33.300 ng
RT: 14.174 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

PB148855BS

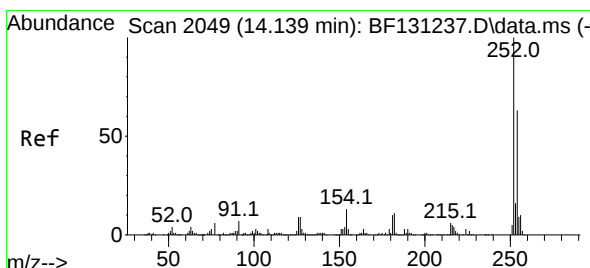
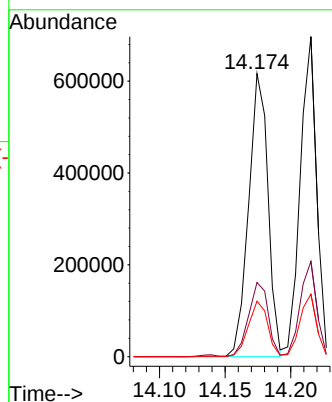
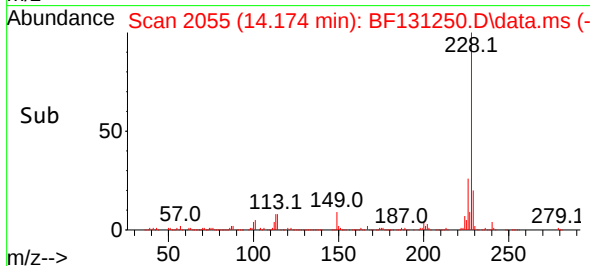


Tgt Ion:228 Resp: 631562
Ion Ratio Lower Upper
228 100
226 26.2 21.3 31.9
229 19.6 15.8 23.6

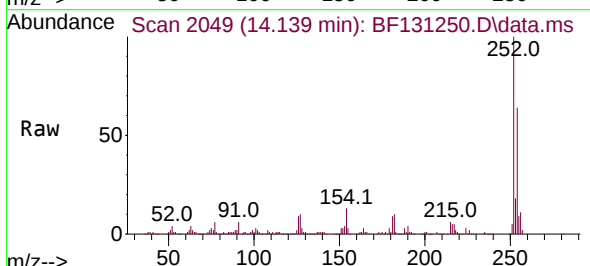
Manual Integrations

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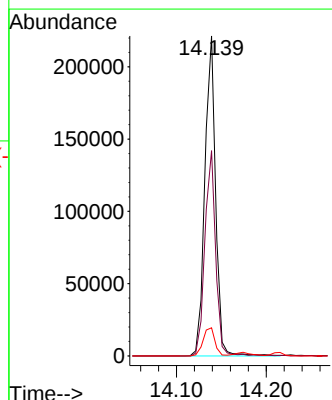
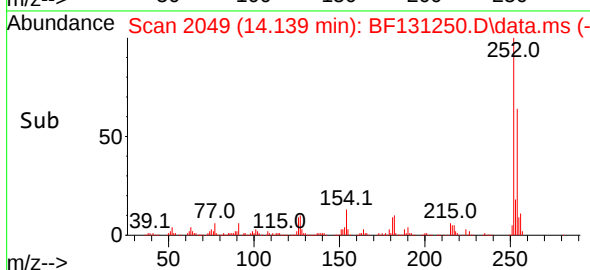
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

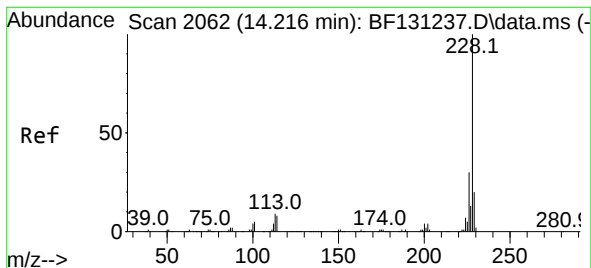


#82
3,3'-Dichlorobenzidine
Concen: 33.217 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44



Tgt Ion:252 Resp: 184341
Ion Ratio Lower Upper
252 100
254 64.1 50.2 75.4
126 8.8 7.4 11.2





#83

Chrysene

Concen: 32.843 ng

RT: 14.215 min Scan# 2062

Delta R.T. -0.000 min

Lab File: BF131250.D

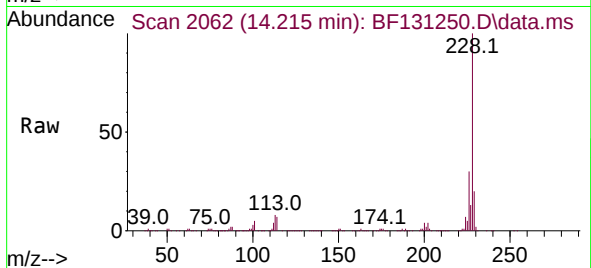
Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

PB148855BS



Tgt Ion:228 Resp: 606825

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

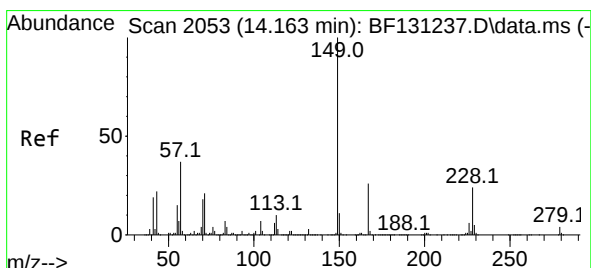
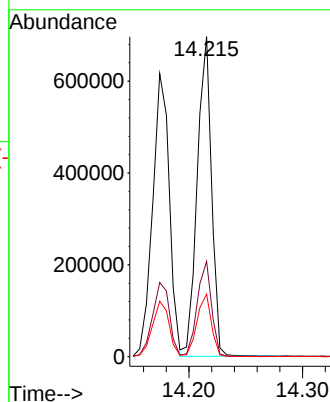
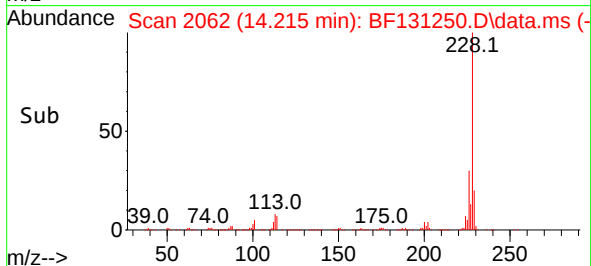
229 19.5 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.355 ng

RT: 14.162 min Scan# 2053

Delta R.T. -0.000 min

Lab File: BF131250.D

Acq: 16 Nov 2022 00:44

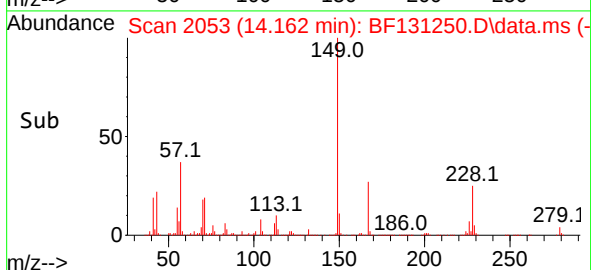
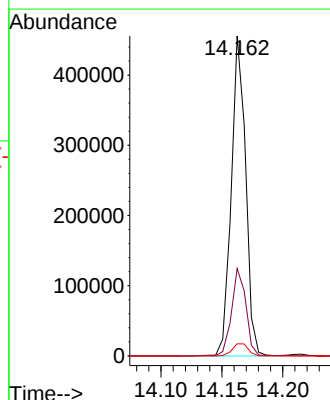
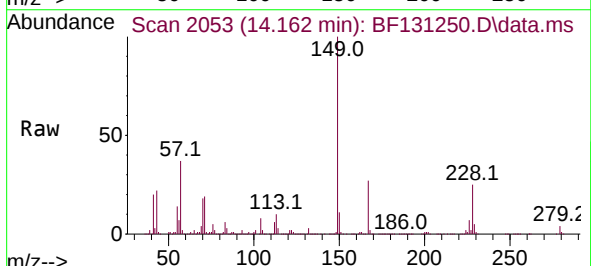
Tgt Ion:149 Resp: 374542

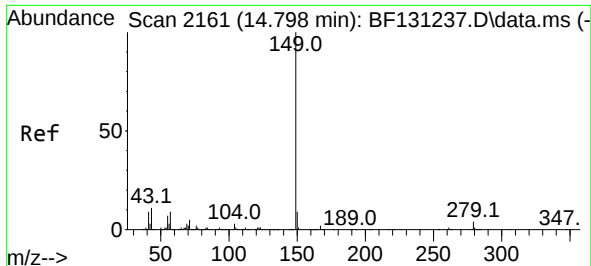
Ion Ratio Lower Upper

149 100

167 27.3 20.9 31.3

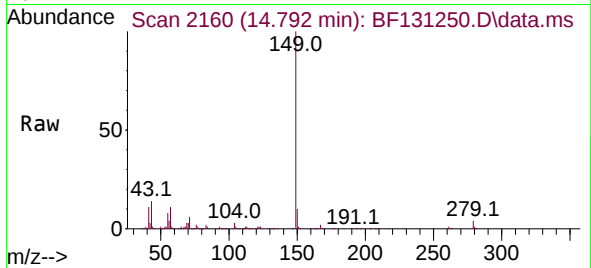
279 3.8 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 37.968 ng
RT: 14.792 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

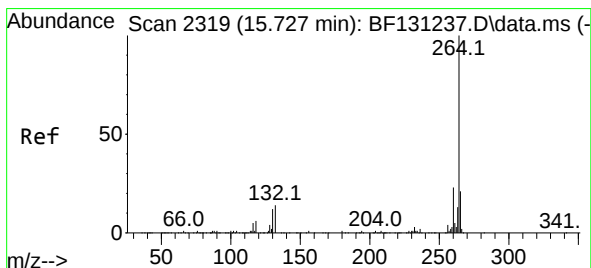
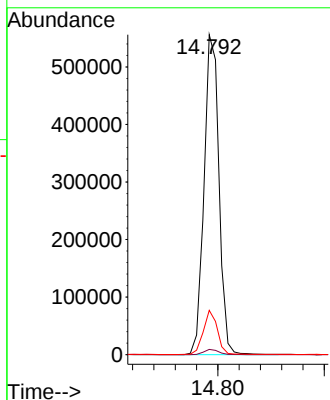
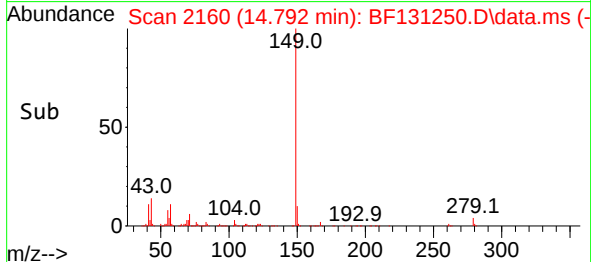
Instrument :
BNA_F
ClientSampleId :
PB148855BS



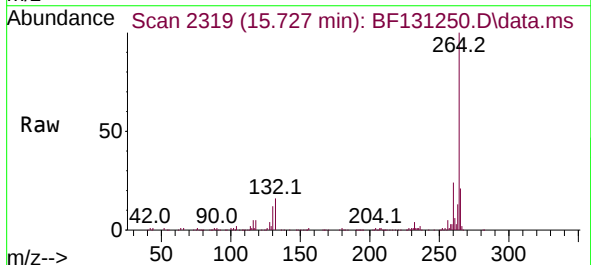
Tgt Ion:149 Resp: 537968
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.1 10.1 15.1

Manual Integrations
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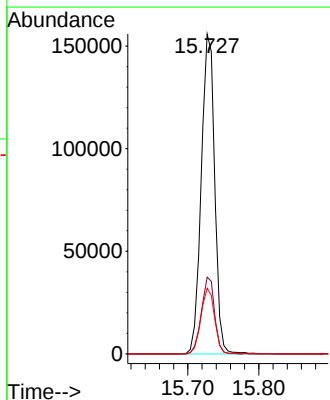
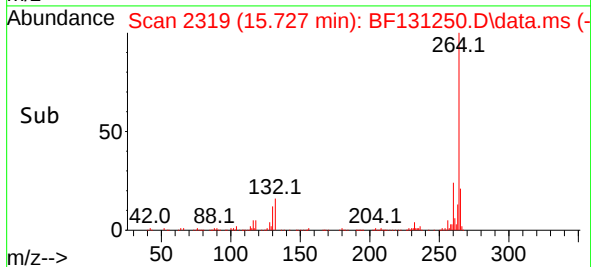
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

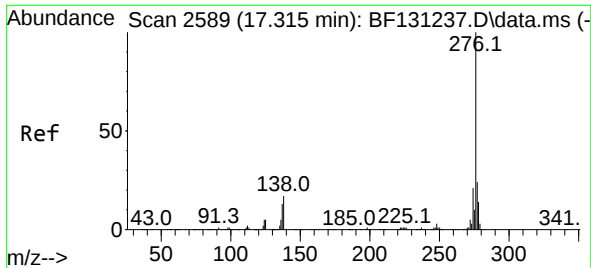


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.727 min Scan# 2319
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44



Tgt Ion:264 Resp: 203766
Ion Ratio Lower Upper
264 100
260 24.0 18.6 27.8
265 20.5 16.6 24.8





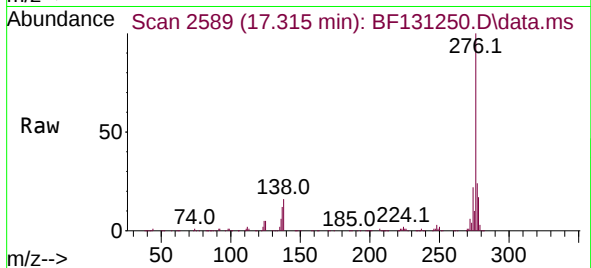
#87
Indeno(1,2,3-cd)pyrene
Concen: 36.352 ng
RT: 17.315 min Scan# 2589
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

PB148855BS

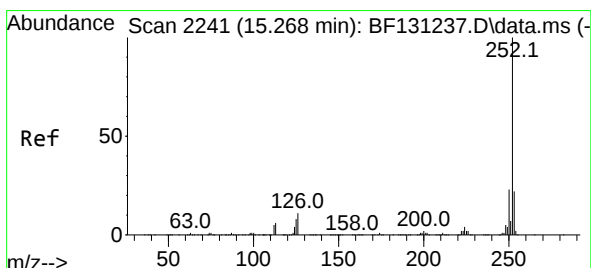
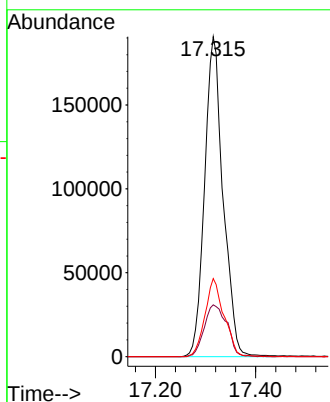
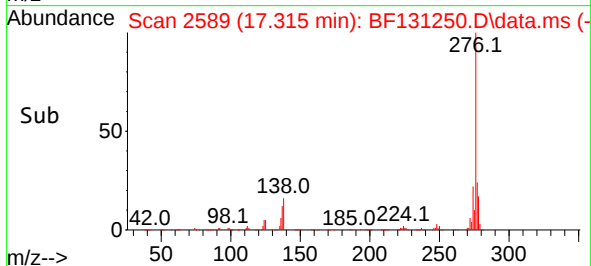


Tgt Ion:276 Resp: 489355
Ion Ratio Lower Upper
276 100
138 19.9 16.6 24.8
277 25.0 20.2 30.2

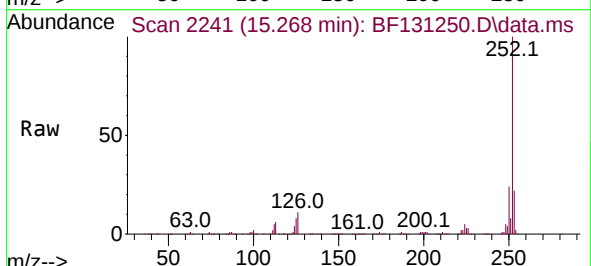
Manual Integrations

APPROVED

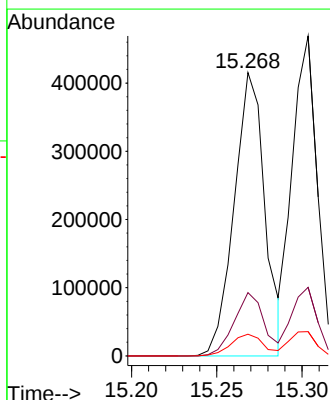
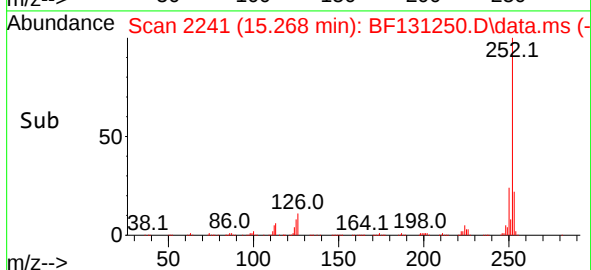
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

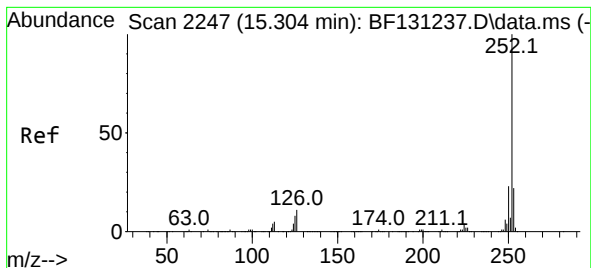


#88
Benzo(b)fluoranthene
Concen: 36.668 ng
RT: 15.268 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44



Tgt Ion:252 Resp: 521668
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 7.7 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 34.009 ng

RT: 15.304 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131250.D

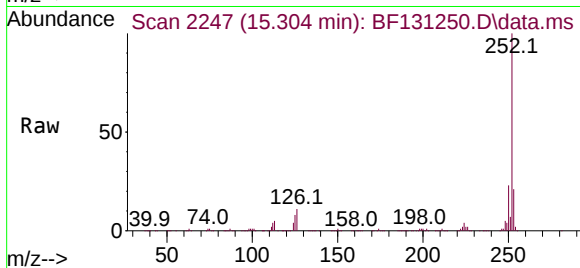
Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

PB148855BS



Tgt Ion:252 Resp: 479643

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

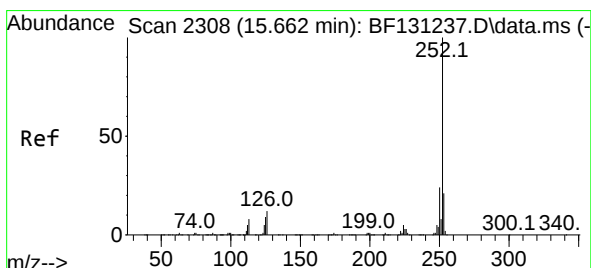
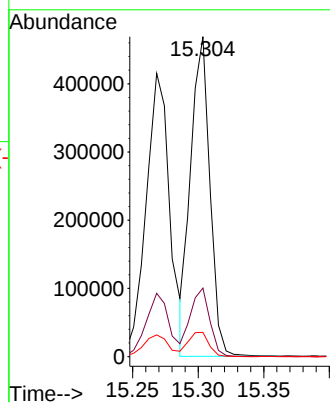
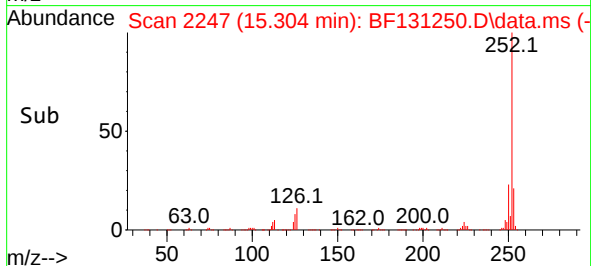
125 7.6 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#90

Benzo(a)pyrene

Concen: 37.942 ng

RT: 15.662 min Scan# 2308

Delta R.T. -0.000 min

Lab File: BF131250.D

Acq: 16 Nov 2022 00:44

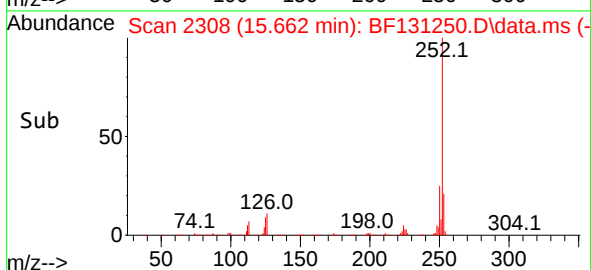
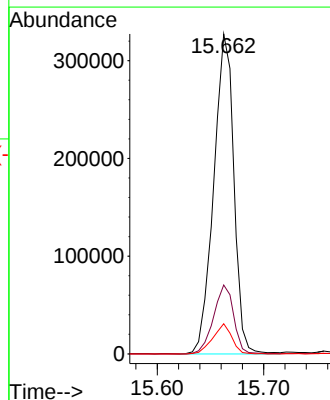
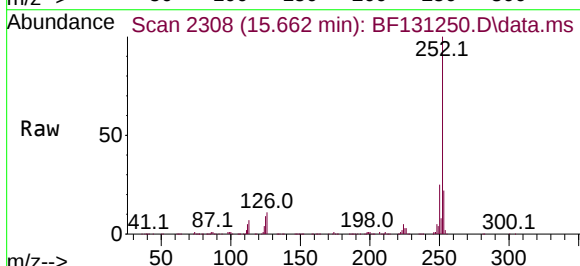
Tgt Ion:252 Resp: 431490

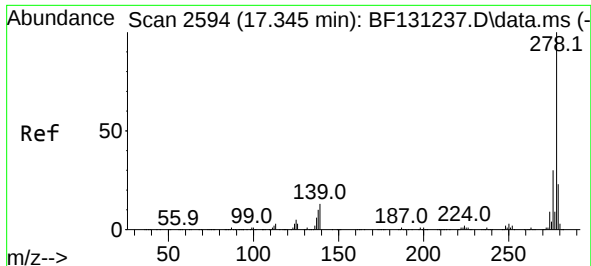
Ion Ratio Lower Upper

252 100

253 21.5 16.9 25.3

125 9.4 7.0 10.4





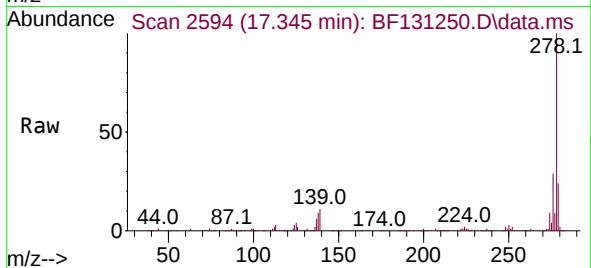
#91
Dibenzo(a,h)anthracene
Concen: 37.821 ng
RT: 17.345 min Scan# 2594
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44

Instrument :

BNA_F

ClientSampleId :

PB148855BS

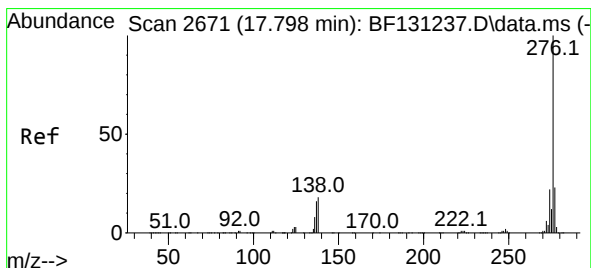
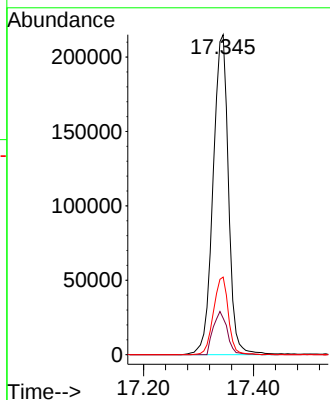
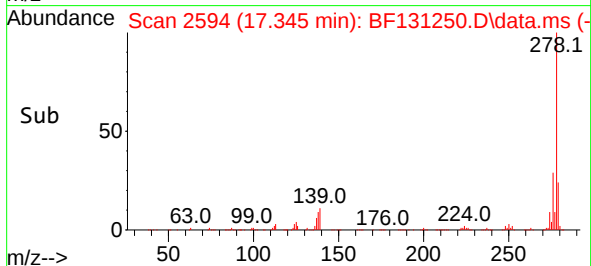


Tgt Ion:278 Resp: 41770
Ion Ratio Lower Upper
278 100
139 11.4 10.1 15.1
279 24.2 18.2 27.4

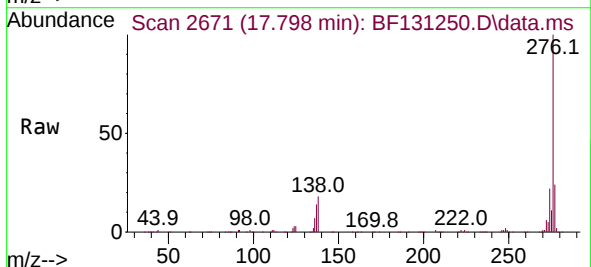
Manual Integrations

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Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#92
Benzo(g,h,i)perylene
Concen: 34.237 ng
RT: 17.798 min Scan# 2671
Delta R.T. -0.000 min
Lab File: BF131250.D
Acq: 16 Nov 2022 00:44



Tgt Ion:276 Resp: 409668
Ion Ratio Lower Upper
276 100
277 23.9 18.6 27.8
138 17.9 14.5 21.7

