

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
 Data File : BF131251.D
 Acq On : 16 Nov 2022 01:14
 Operator : CG\JU
 Sample : PB148855BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148855BSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 07:07:05 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	108114	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	407835	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	237014	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	438914	20.000	ng	0.00
76) Chrysene-d12	14.186	240	301853	20.000	ng	0.00
86) Perylene-d12	15.727	264	227951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	695398	113.896	ng	0.02
7) Phenol-d6	6.593	99	874310	113.061	ng	0.00
23) Nitrobenzene-d5	7.545	82	566354	77.947	ng	0.00
42) 2,4,6-Tribromophenol	10.828	330	253564	111.999	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1063000	65.633	ng	0.00
79) Terphenyl-d14	13.127	244	1291182	73.457	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.863	88	81668	29.196	ng	95
3) Pyridine	3.616	79	220713	27.916	ng	100
4) n-Nitrosodimethylamine	3.587	42	174201	37.801	ng	96
6) Aniline	6.634	93	303987m	31.339	ng	
8) 2-Chlorophenol	6.757	128	266074	38.768	ng	96
9) Benzaldehyde	6.522	77	60297	10.749	ng	98
10) Phenol	6.604	94	321671	37.184	ng	95
11) bis(2-Chloroethyl)ether	6.710	93	255349	37.698	ng	98
12) 1,3-Dichlorobenzene	6.916	146	282939	36.440	ng	99
13) 1,4-Dichlorobenzene	6.992	146	284134	36.184	ng	97
14) 1,2-Dichlorobenzene	7.145	146	273615	37.699	ng	98
15) Benzyl Alcohol	7.116	79	237881m	35.414	ng	
16) 2,2'-oxybis(1-Chloropr...	7.245	45	482983	37.856	ng	100
17) 2-Methylphenol	7.216	107	220050	37.556	ng	98
18) Hexachloroethane	7.492	117	108213	37.907	ng	98
19) n-Nitroso-di-n-propyla...	7.392	70	200013	37.118	ng	99
20) 3+4-Methylphenols	7.375	107	277976	36.677	ng	92
22) Acetophenone	7.387	105	382193	35.951	ng	99
24) Nitrobenzene	7.563	77	300438	38.302	ng	99
25) Isophorone	7.804	82	538692	37.111	ng	99
26) 2-Nitrophenol	7.881	139	121952	39.644	ng	97
27) 2,4-Dimethylphenol	7.910	122	250858	42.221	ng	99
28) bis(2-Chloroethoxy)met...	8.010	93	310405	37.929	ng	99
29) 2,4-Dichlorophenol	8.116	162	226922	35.317	ng	99
30) 1,2,4-Trichlorobenzene	8.204	180	259329	34.424	ng	100
31) Naphthalene	8.292	128	746067	33.765	ng	99
32) Benzoic acid	8.028	122	161098m	38.879	ng	
33) 4-Chloroaniline	8.334	127	237319	27.284	ng	99
34) Hexachlorobutadiene	8.404	225	162014	33.980	ng	98
35) Caprolactam	8.704	113	73129m	38.513	ng	
36) 4-Chloro-3-methylphenol	8.810	107	245532	36.304	ng	94
37) 2-Methylnaphthalene	8.986	142	500644	34.021	ng	100
38) 1-Methylnaphthalene	9.086	142	473469	33.180	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	261800	34.306	ng	98
41) Hexachlorocyclopentadiene	9.134	237	323295	82.656	ng	98
43) 2,4,6-Trichlorophenol	9.257	196	161166	32.303	ng	98

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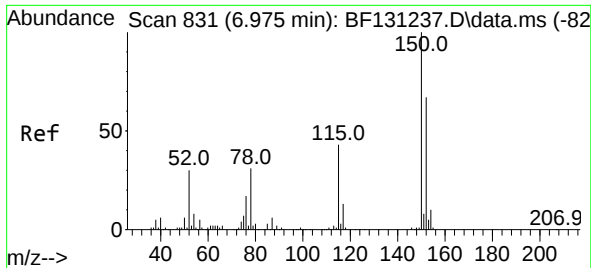
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	192839	36.018	ng	97
46) 1,1'-Biphenyl	9.451	154	624827	34.293	ng	100
47) 2-Chloronaphthalene	9.475	162	491546	33.303	ng	99
48) 2-Nitroaniline	9.569	65	176405	38.154	ng	96
49) Acenaphthylene	9.898	152	754390	33.470	ng	99
50) Dimethylphthalate	9.751	163	571040	33.646	ng	99
51) 2,6-Dinitrotoluene	9.816	165	123304	37.716	ng	95
52) Acenaphthene	10.069	154	523994	37.245	ng	98
53) 3-Nitroaniline	9.986	138	99228	29.054	ng	99
54) 2,4-Dinitrophenol	10.086	184	111083	75.407	ng	# 84
55) Dibenzofuran	10.245	168	674136	33.444	ng	98
56) 4-Nitrophenol	10.133	139	187786	70.322	ng	92
57) 2,4-Dinitrotoluene	10.222	165	157686	39.021	ng	87
58) Fluorene	10.586	166	530333	33.435	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.351	232	159189	35.097	ng	99
60) Diethylphthalate	10.457	149	545478	34.001	ng	99
61) 4-Chlorophenyl-phenyle...	10.575	204	270148	34.444	ng	99
62) 4-Nitroaniline	10.604	138	121043	35.253	ng	95
63) Azobenzene	10.739	77	567026	33.758	ng	99
65) 4,6-Dinitro-2-methylph...	10.628	198	66799	36.197	ng	95
66) n-Nitrosodiphenylamine	10.698	169	464901	33.339	ng	99
67) 4-Bromophenyl-phenylether	11.069	248	177104	34.366	ng	98
68) Hexachlorobenzene	11.133	284	190922	34.185	ng	99
69) Atrazine	11.222	200	125772	27.516	ng	99
70) Pentachlorophenol	11.328	266	231888	71.135	ng	98
71) Phenanthrene	11.557	178	798855	32.979	ng	99
72) Anthracene	11.610	178	807288	34.117	ng	100
73) Carbazole	11.763	167	726699	34.309	ng	100
74) Di-n-butylphthalate	12.092	149	832128	33.757	ng	100
75) Fluoranthene	12.751	202	895320	33.514	ng	100
77) Benzidine	12.869	184	251343	38.856	ng	98
78) Pyrene	12.986	202	907757	34.886	ng	99
80) Butylbenzylphthalate	13.604	149	330023	37.425	ng	99
81) Benzo(a)anthracene	14.174	228	705681	33.639	ng	100
82) 3,3'-Dichlorobenzidine	14.139	252	208178	33.914	ng	100
83) Chrysene	14.216	228	674661	33.012	ng	99
84) Bis(2-ethylhexyl)phtha...	14.163	149	416827	37.584	ng	98
85) Di-n-octyl phthalate	14.792	149	596630	38.069	ng	100
87) Indeno(1,2,3-cd)pyrene	17.321	276	563473	37.417	ng	99
88) Benzo(b)fluoranthene	15.268	252	585747	36.804	ng	98
89) Benzo(k)fluoranthene	15.304	252	557050	35.307	ng	99
90) Benzo(a)pyrene	15.663	252	491451	38.629	ng	99
91) Dibenzo(a,h)anthracene	17.345	278	474831	38.432	ng	98
92) Benzo(g,h,i)perylene	17.804	276	466256	34.771	ng	99

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

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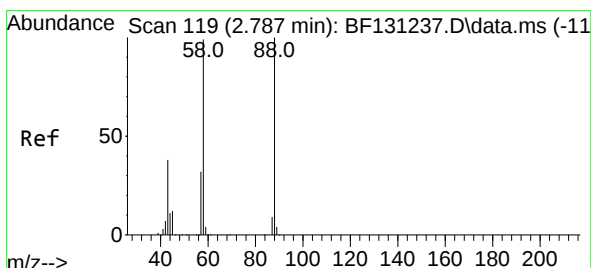
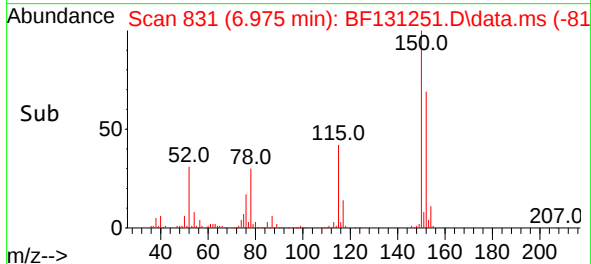
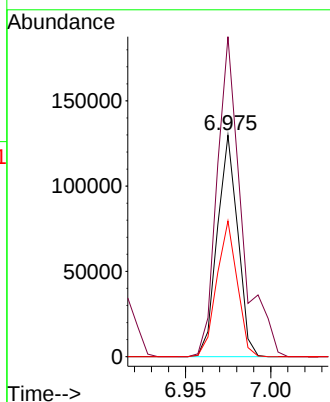
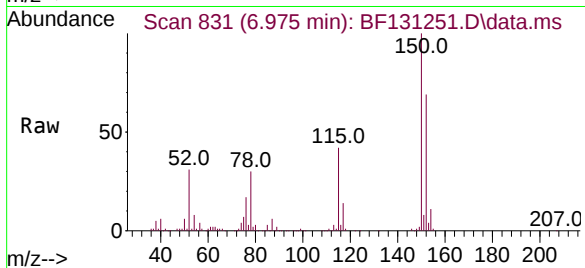
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

Instrument :
BNA_F
ClientSampleId :
PB148855BSD

Tgt Ion:152 Resp: 108114
Ion Ratio Lower Upper
152 100
150 144.6 120.2 180.4
115 61.3 51.8 77.8

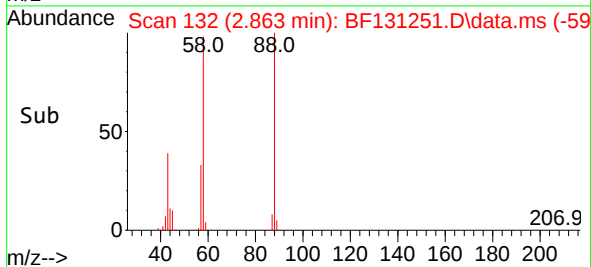
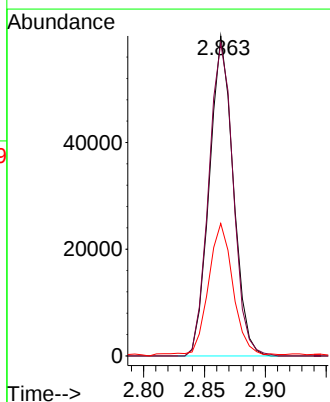
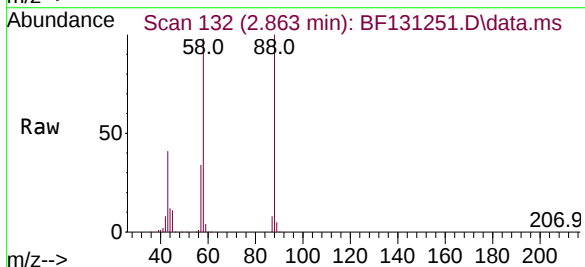
Manual Integrations
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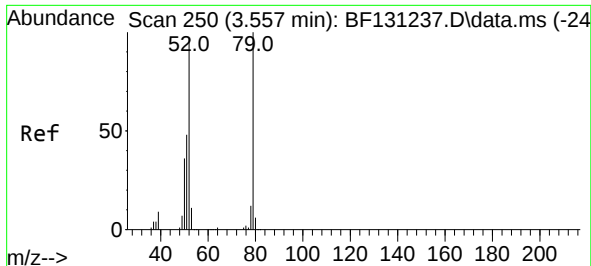
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#2
1,4-Dioxane
Concen: 29.196 ng
RT: 2.863 min Scan# 132
Delta R.T. 0.077 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

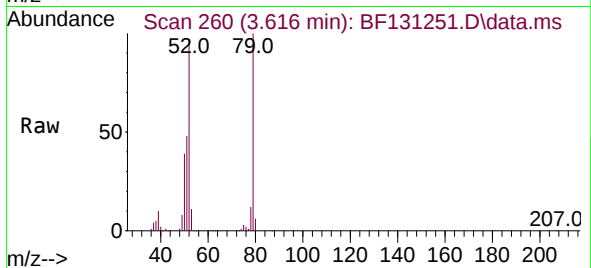
Tgt Ion: 88 Resp: 81668
Ion Ratio Lower Upper
88 100
58 100.6 77.1 115.7
43 43.8 31.3 46.9





#3
Pyridine
Concen: 27.916 ng
RT: 3.616 min Scan# 20
Delta R.T. 0.059 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

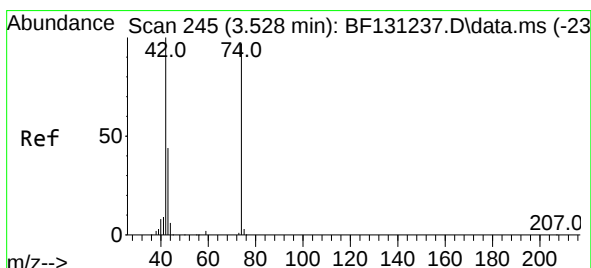
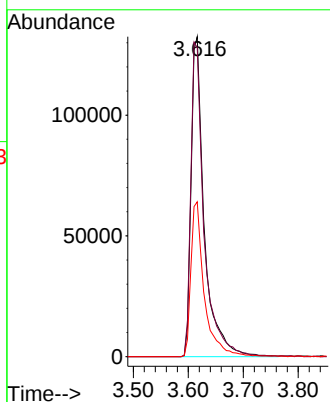
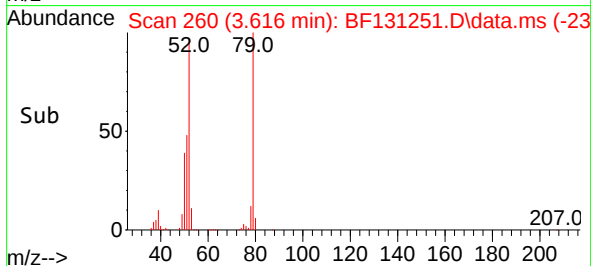
Instrument :
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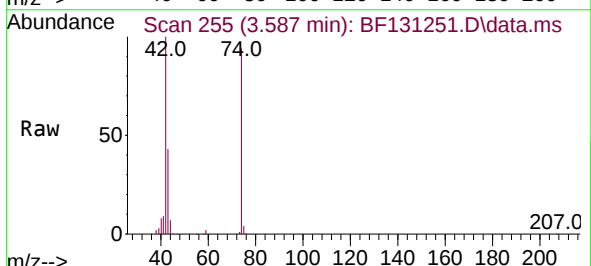
Tgt Ion: 79 Resp: 220713
Ion Ratio Lower Upper
79 100
52 96.6 77.7 116.5
51 48.4 38.7 58.1

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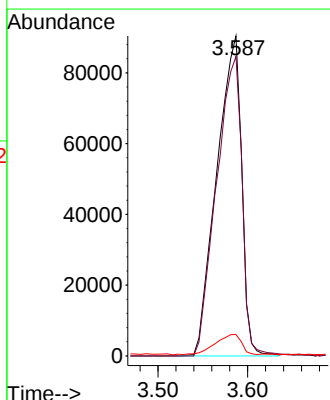
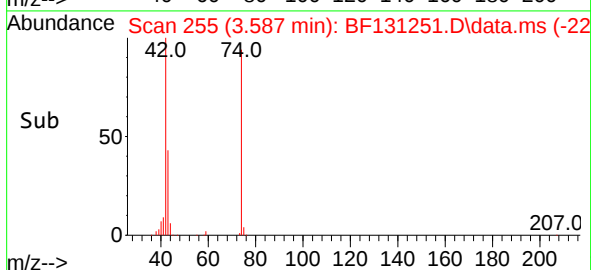
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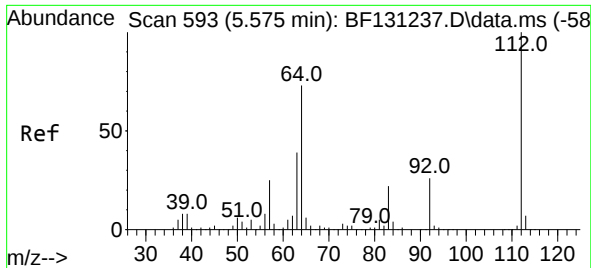


#4
n-Nitrosodimethylamine
Concen: 37.801 ng
RT: 3.587 min Scan# 255
Delta R.T. 0.059 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



Tgt Ion: 42 Resp: 174201
Ion Ratio Lower Upper
42 100
74 93.6 77.8 116.6
44 6.7 5.9 8.9





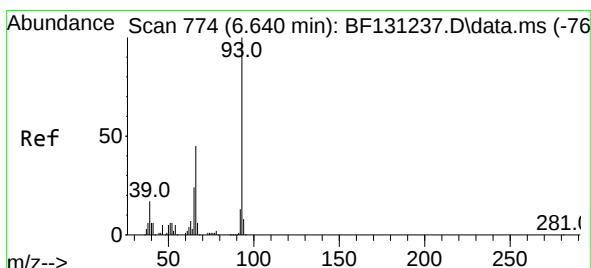
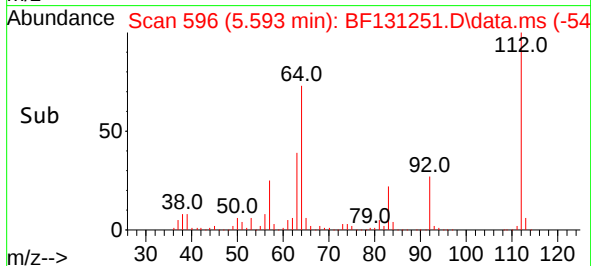
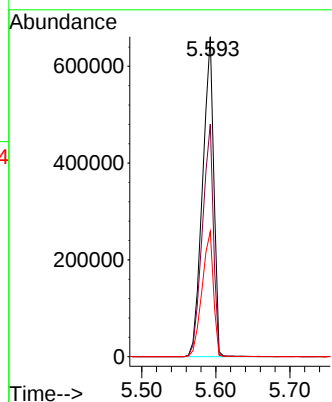
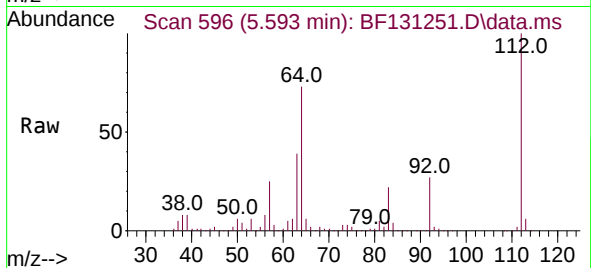
#5
2-Fluorophenol
Concen: 113.896 ng
RT: 5.593 min Scan# 593
Delta R.T. 0.018 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

Instrument :
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ClientSampleId :
PB148855BSD

Tgt Ion:112 Resp: 695398
Ion Ratio Lower Upper
112 100
64 72.7 58.4 87.6
63 39.1 31.6 47.4

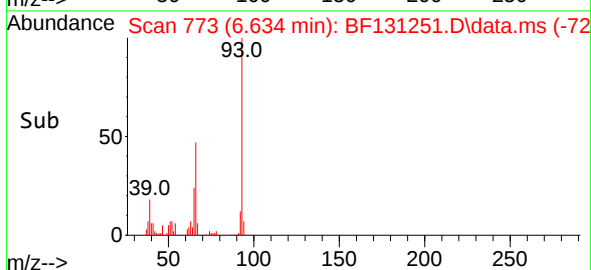
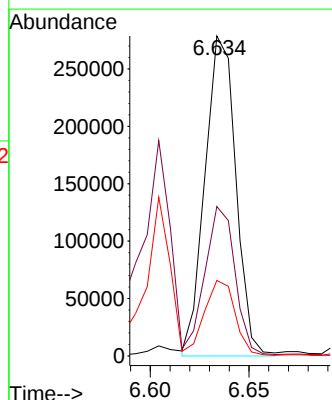
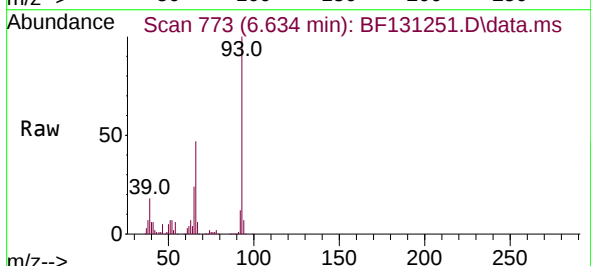
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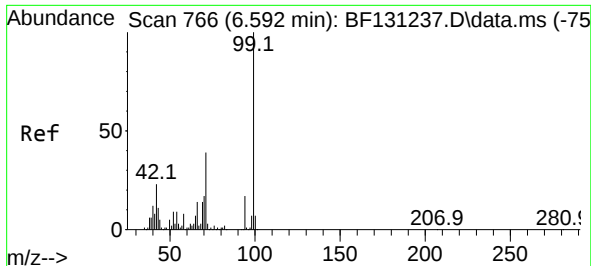
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#6
Aniline
Concen: 31.339 ng m
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

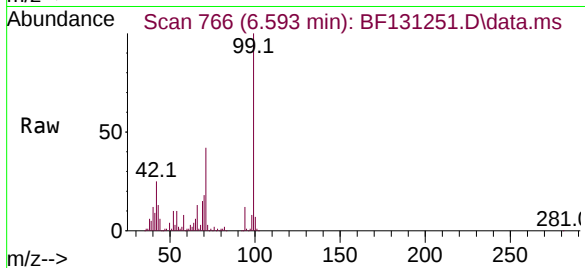
Tgt Ion: 93 Resp: 303987
Ion Ratio Lower Upper
93 100
66 46.7 36.6 55.0
65 23.6 19.3 28.9





#7
Phenol-d6
Concen: 113.061 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.001 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

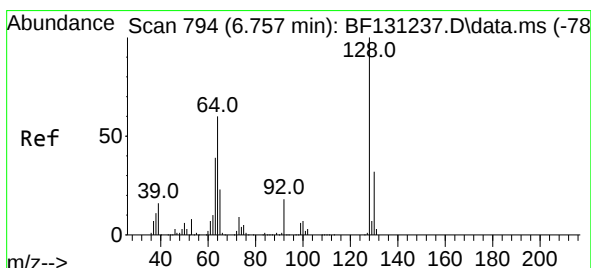
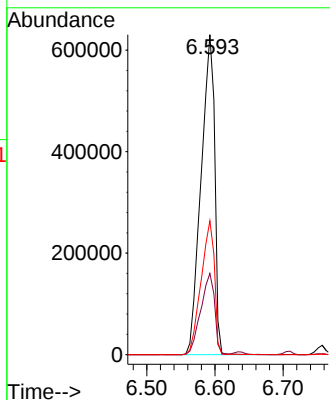
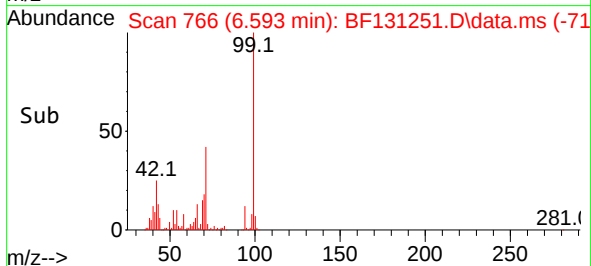
Instrument :
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Tgt Ion: 99 Resp: 874310
Ion Ratio Lower Upper
99 100
42 25.4 18.6 28.0
71 41.8 31.1 46.7

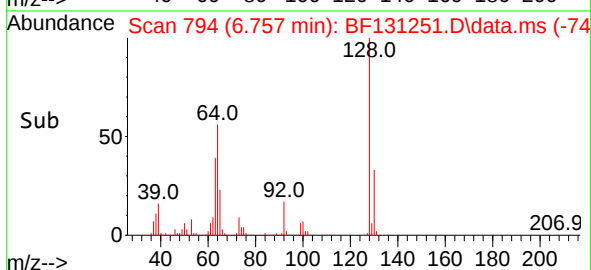
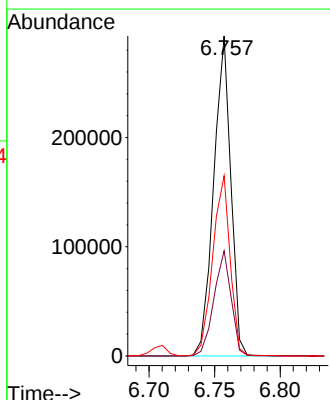
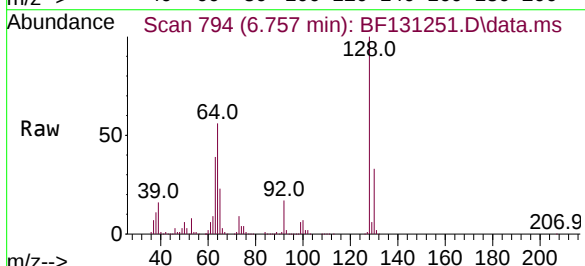
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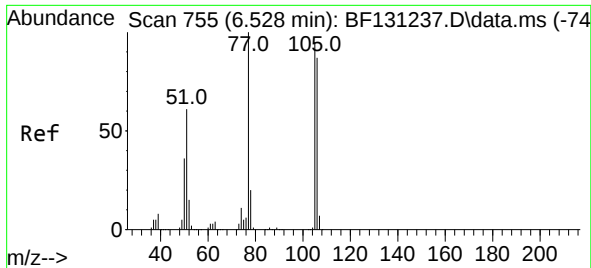
Reviewed By :Christian Giraldo 11/16/2022
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#8
2-Chlorophenol
Concen: 38.768 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

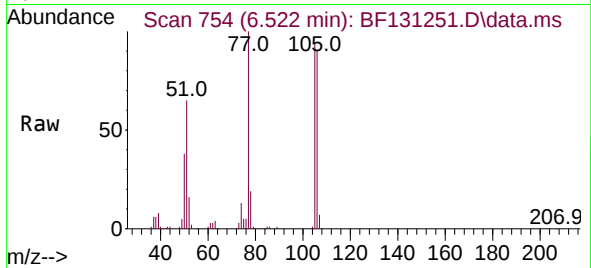
Tgt Ion:128 Resp: 266074
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 56.3 40.1 80.1





#9
Benzaldehyde
Concen: 10.749 ng
RT: 6.522 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

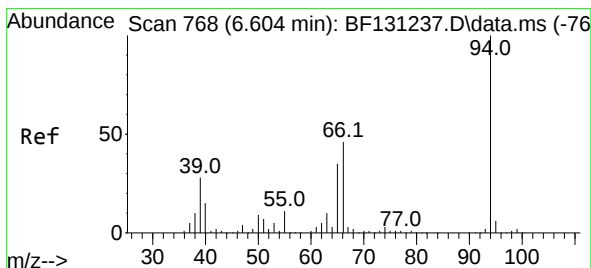
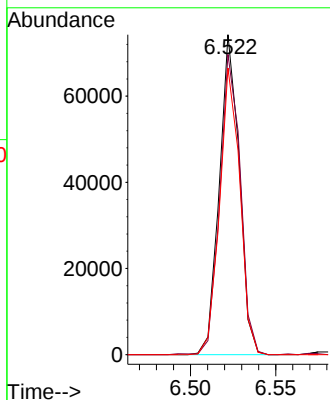
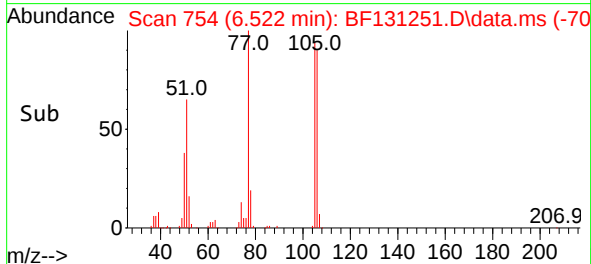
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Tgt Ion: 77 Resp: 60297
Ion Ratio Lower Upper
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105 93.9 74.8 114.8
106 89.6 67.3 107.3

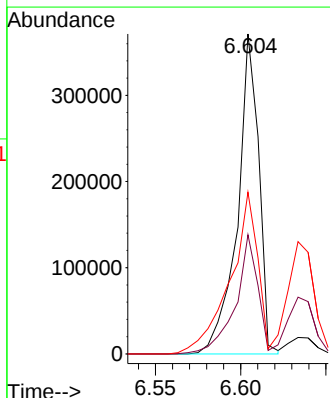
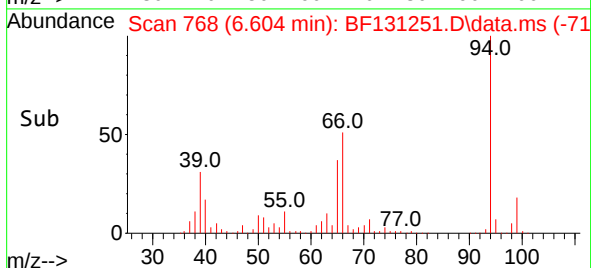
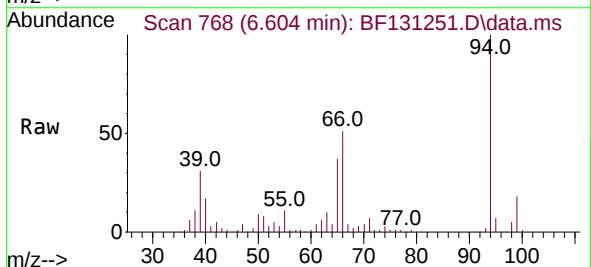
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APPROVED

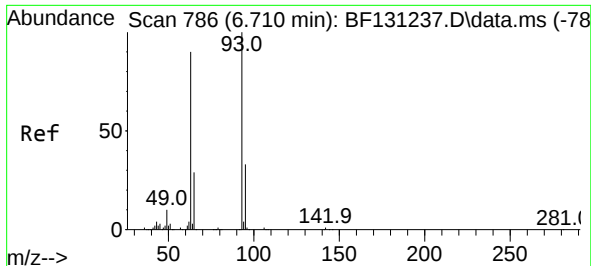
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#10
Phenol
Concen: 37.184 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

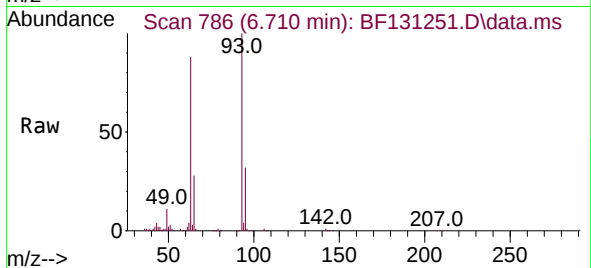
Tgt Ion: 94 Resp: 321671
Ion Ratio Lower Upper
94 100
65 37.2 14.8 54.8
66 50.5 26.5 66.5





#11
bis(2-Chloroethyl)ether
Concen: 37.698 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

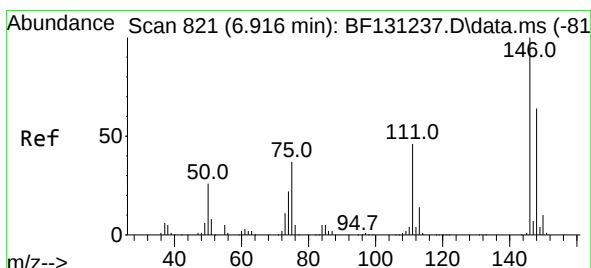
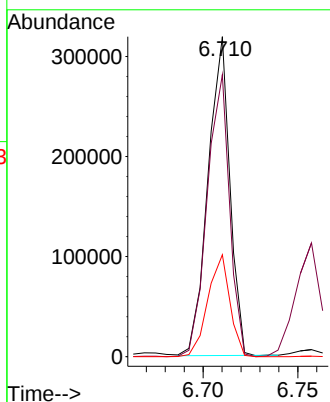
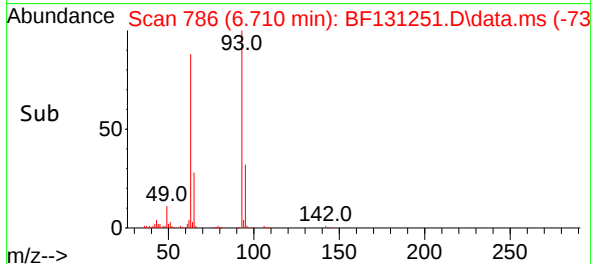
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



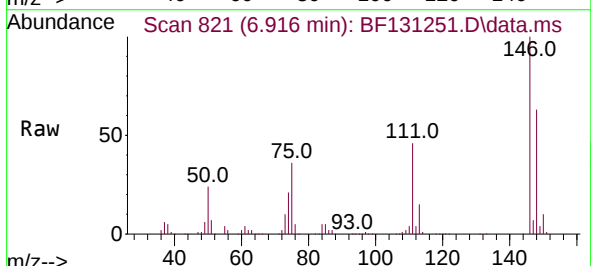
Tgt Ion: 93 Resp: 255349
Ion Ratio Lower Upper
93 100
63 88.1 69.8 109.8
95 31.8 13.4 53.4

Manual Integrations
APPROVED

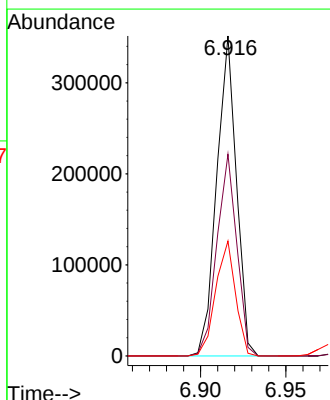
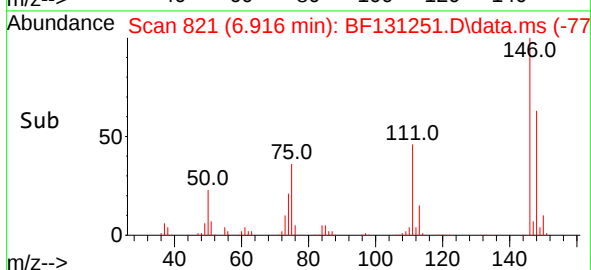
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

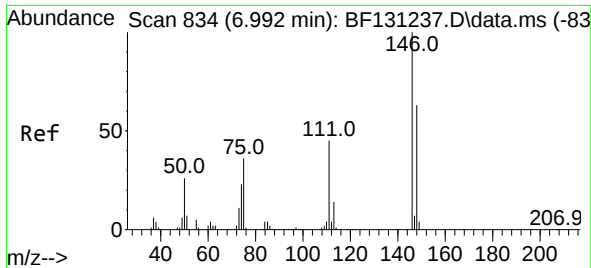


#12
1,3-Dichlorobenzene
Concen: 36.440 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



Tgt Ion:146 Resp: 282939
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.6
75 35.9 29.2 43.8





#13

1,4-Dichlorobenzene

Concen: 36.184 ng

RT: 6.992 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF131251.D

Acq: 16 Nov 2022 01:14

Instrument :

BNA_F

ClientSampleId :

PB148855BSD

Tgt Ion:146 Resp: 284134

Ion Ratio Lower Upper

146 100

148 64.6 50.1 75.1

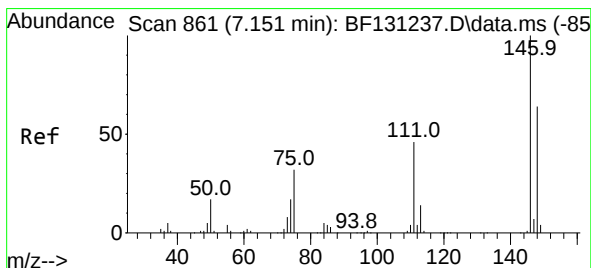
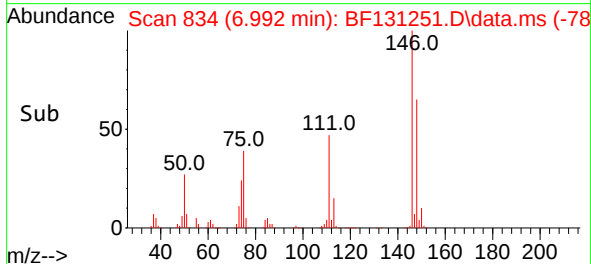
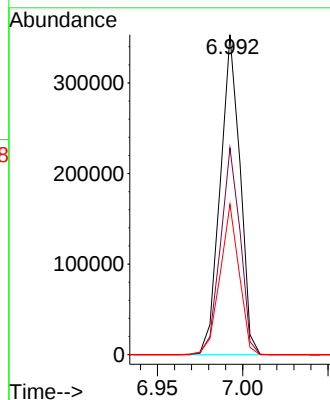
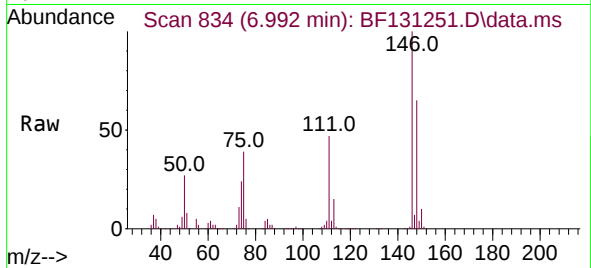
111 47.0 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#14

1,2-Dichlorobenzene

Concen: 37.699 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF131251.D

Acq: 16 Nov 2022 01:14

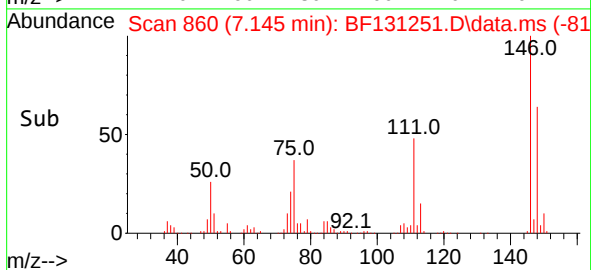
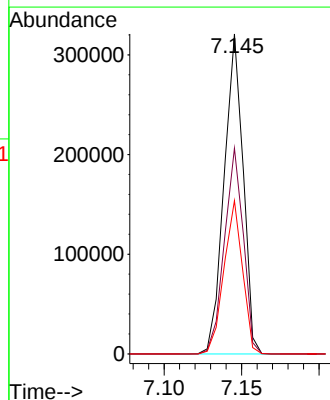
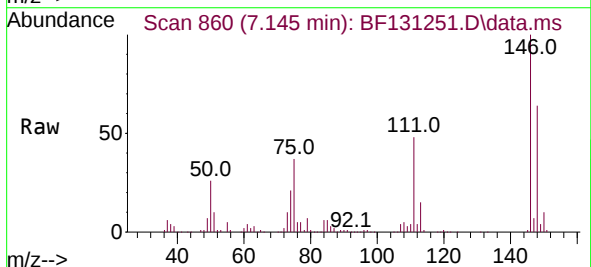
Tgt Ion:146 Resp: 273615

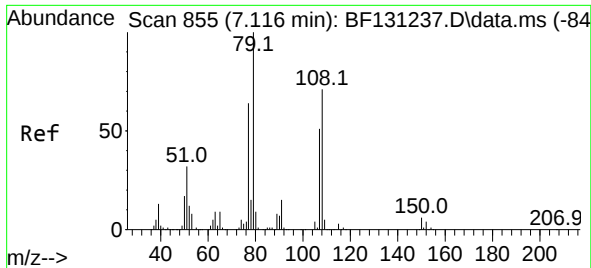
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

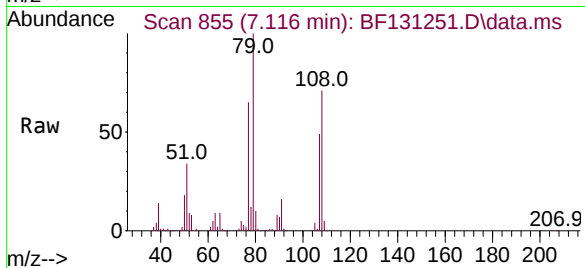
111 47.9 36.9 55.3





#15
Benzyl Alcohol
Concen: 35.414 ng m
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

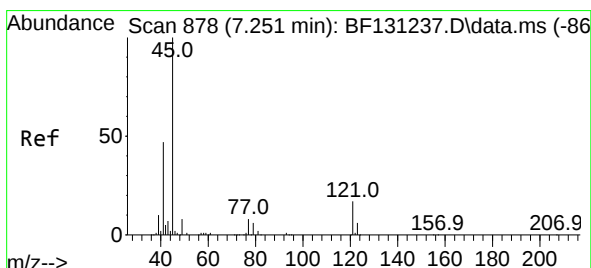
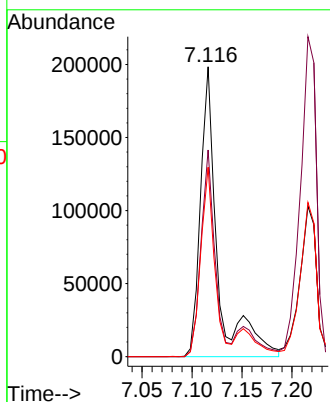
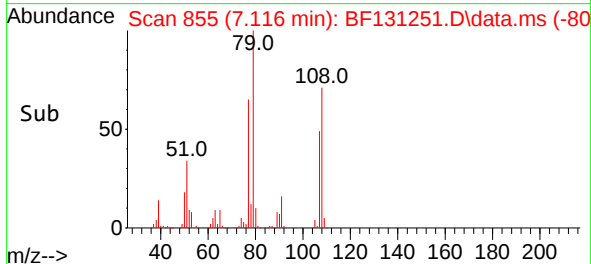
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



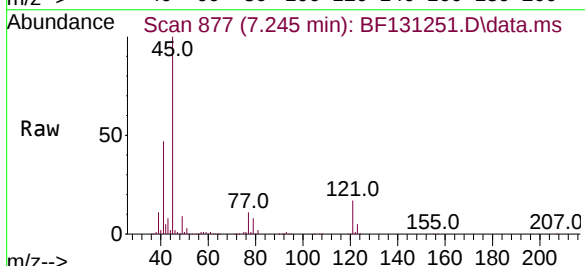
Tgt Ion: 79 Resp: 23788
Ion Ratio Lower Upper
79 100
108 71.3 56.7 85.1
77 65.3 51.4 77.2

Manual Integrations
APPROVED

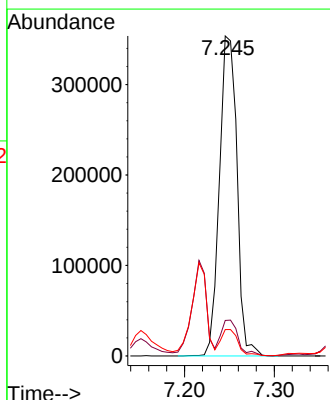
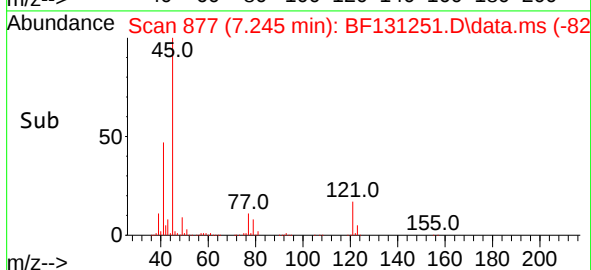
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

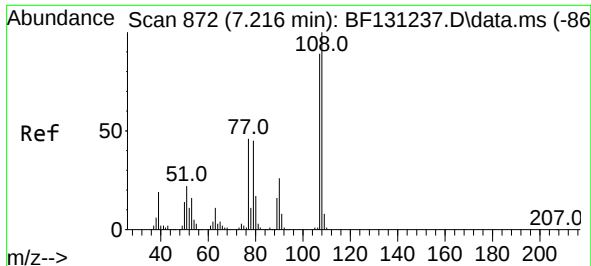


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.856 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



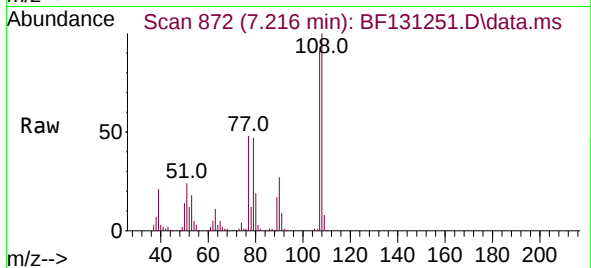
Tgt Ion: 45 Resp: 482983
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.0
79 8.2 0.0 28.5





#17
2-Methylphenol
Concen: 37.556 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

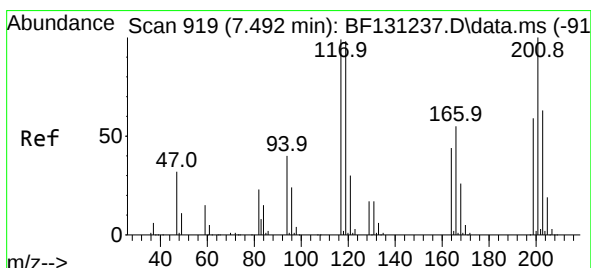
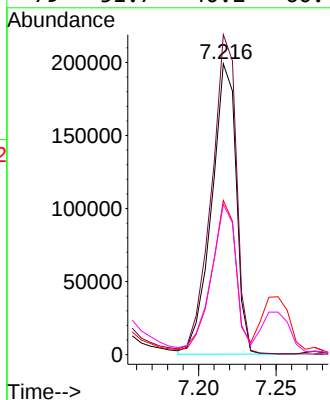
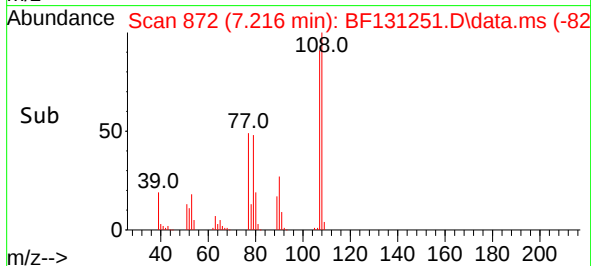
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



Tgt Ion:107 Resp: 22050
Ion Ratio Lower Upper
107 100
108 110.0 89.8 134.6
77 53.0 41.4 62.0
79 51.7 40.2 60.4

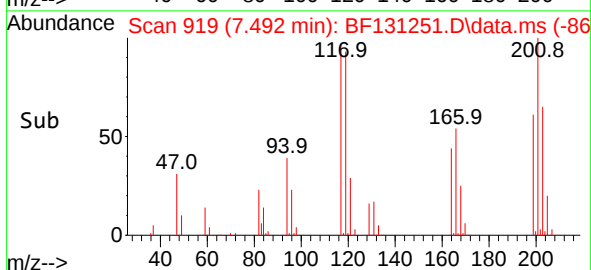
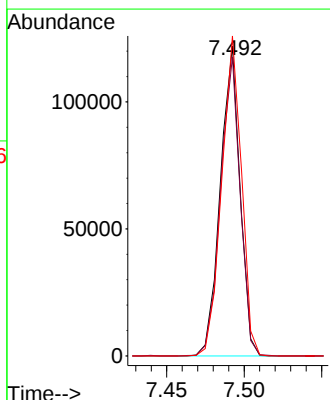
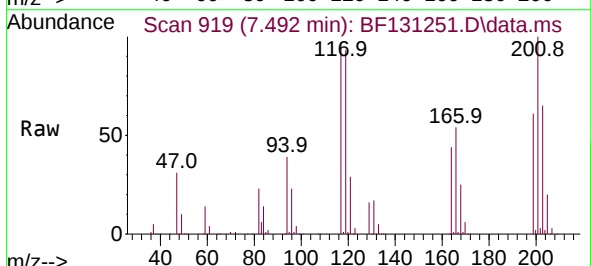
Manual Integrations
APPROVED

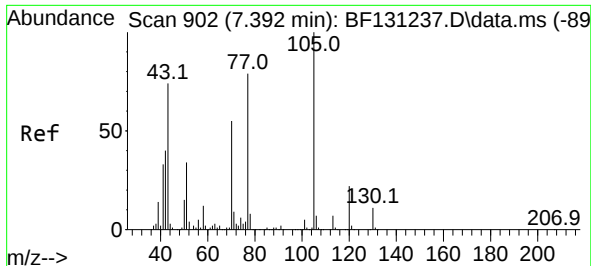
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#18
Hexachloroethane
Concen: 37.907 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

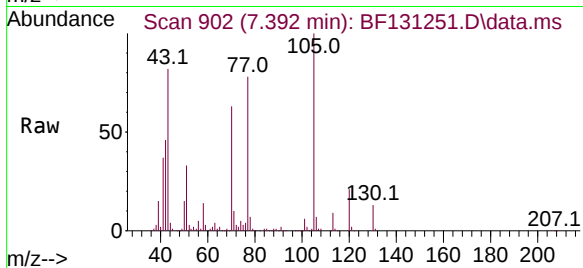
Tgt Ion:117 Resp: 108213
Ion Ratio Lower Upper
117 100
119 96.5 79.0 118.6
201 103.3 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 37.118 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

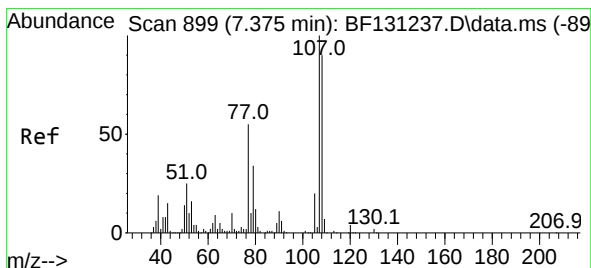
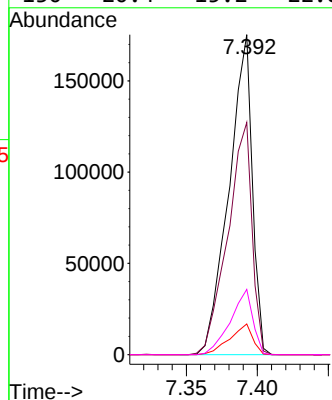
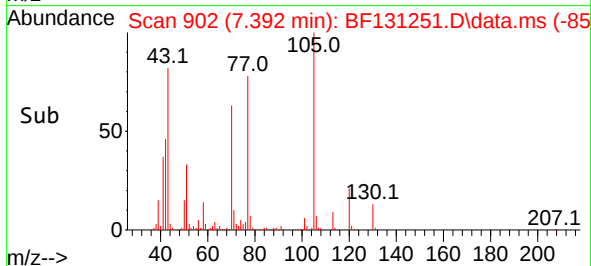
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



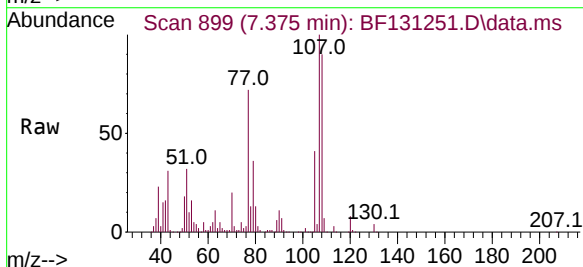
Tgt Ion: 70 Resp: 200013
Ion Ratio Lower Upper
70 100
42 72.5 58.3 87.5
101 9.6 7.2 10.8
130 20.4 15.2 22.8

Manual Integrations
APPROVED

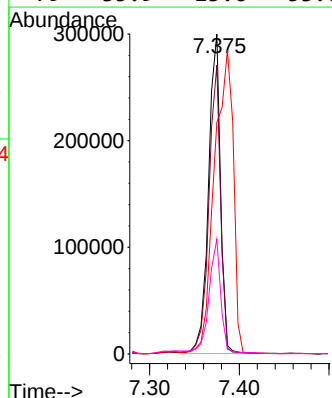
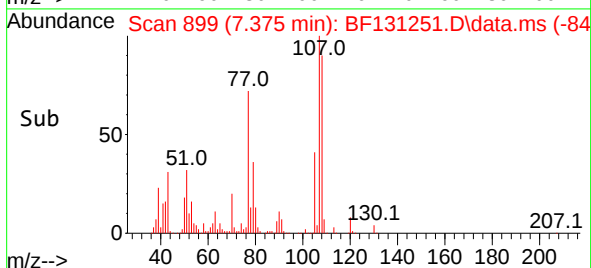
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

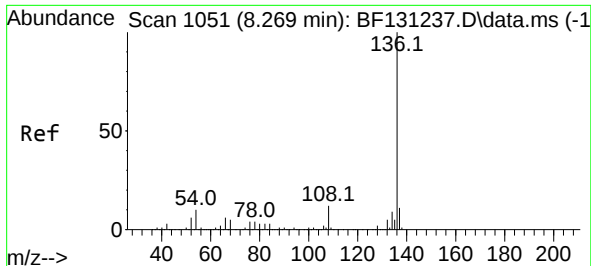


#20
3+4-Methylphenols
Concen: 36.677 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



Tgt Ion:107 Resp: 277976
Ion Ratio Lower Upper
107 100
108 90.2 69.5 109.5
77 72.3 35.3 75.3
79 35.9 13.6 53.6





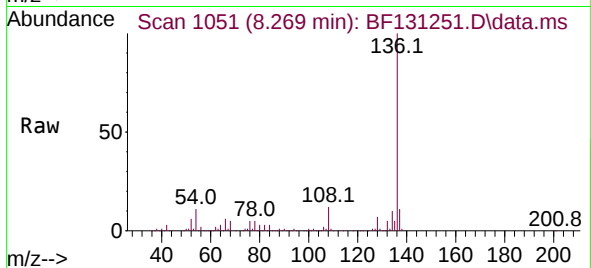
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

Instrument :

BNA_F

ClientSampleId :

PB148855BSD

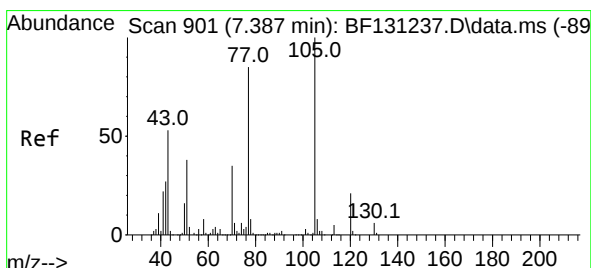
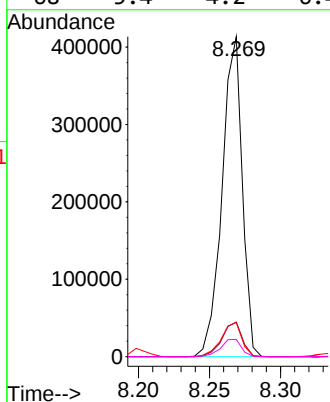
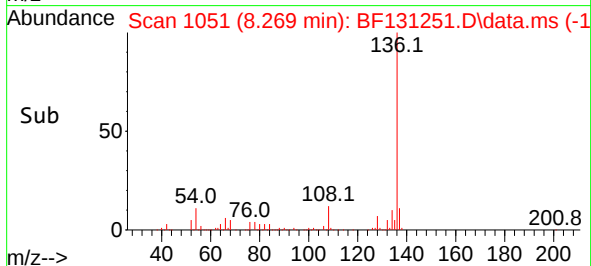


Tgt Ion:136 Resp: 407835
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.6 7.8 11.8
68 5.4 4.2 6.4

Manual Integrations

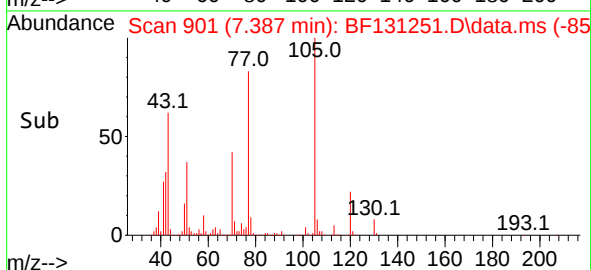
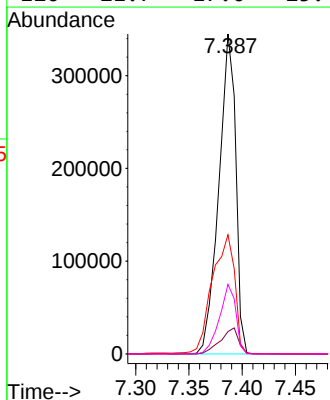
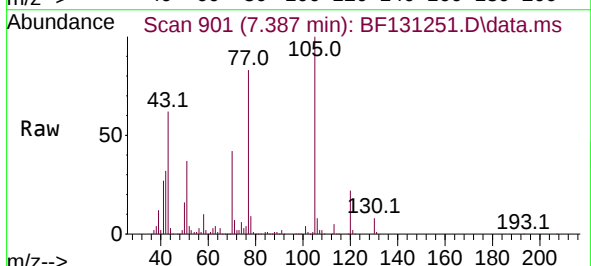
APPROVED

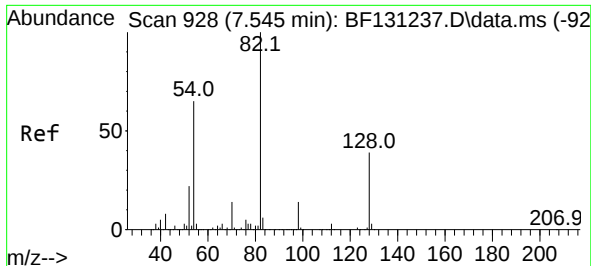
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#22
Acetophenone
Concen: 35.951 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

Tgt Ion:105 Resp: 382193
Ion Ratio Lower Upper
105 100
71 7.0 4.7 7.1
51 37.2 30.2 45.2
120 21.7 17.0 25.4





#23

Nitrobenzene-d5

Concen: 77.947 ng

RT: 7.545 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131251.D

Acq: 16 Nov 2022 01:14

Instrument :

BNA_F

ClientSampleId :

PB148855BSD

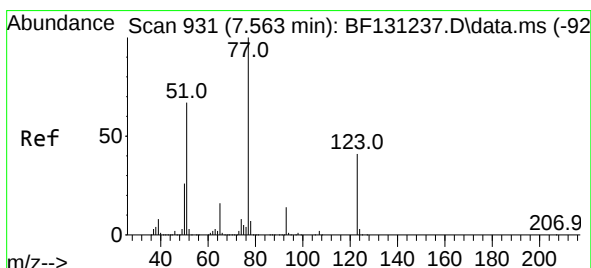
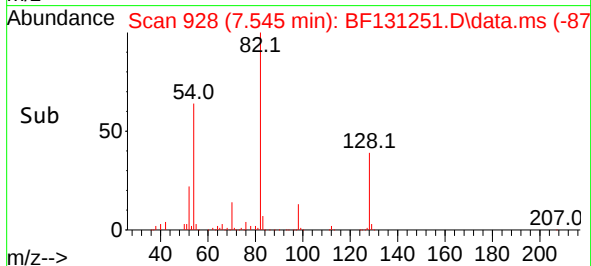
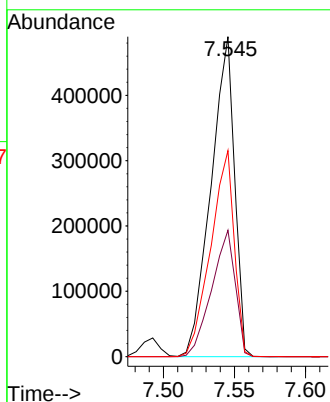
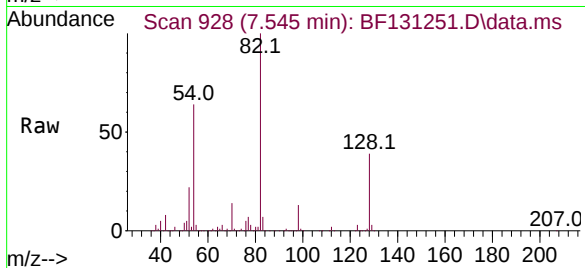
Tgt Ion: 82 Resp: 566354

Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.1	46.7
54	64.4	51.8	77.6

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 38.302 ng

RT: 7.563 min Scan# 931

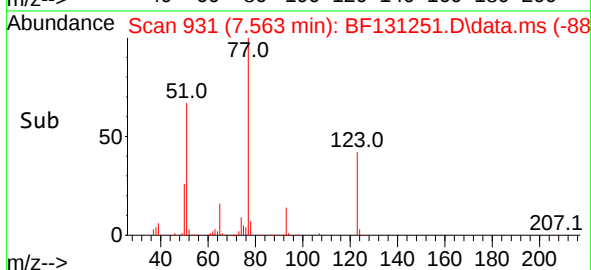
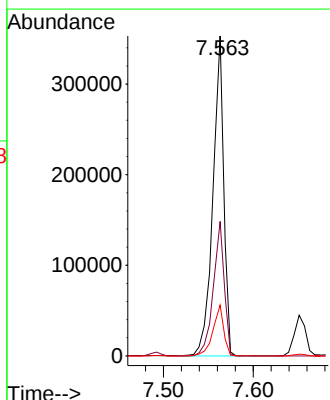
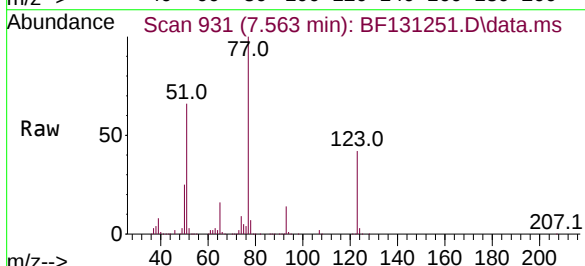
Delta R.T. 0.000 min

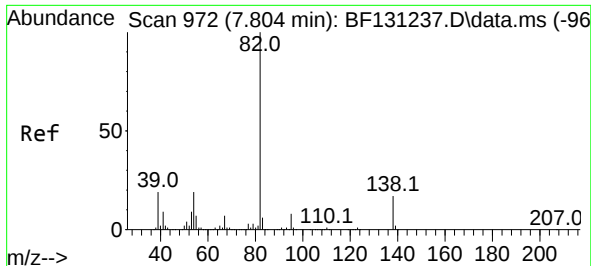
Lab File: BF131251.D

Acq: 16 Nov 2022 01:14

Tgt Ion: 77 Resp: 300438

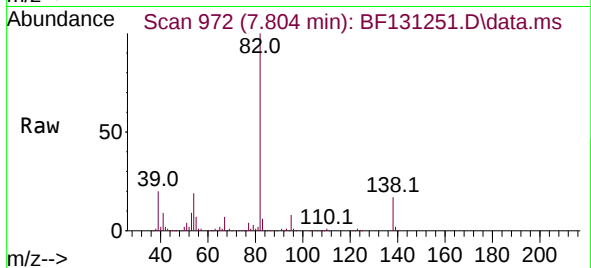
Ion	Ratio	Lower	Upper
77	100		
123	42.0	33.2	49.8
65	15.9	13.0	19.4





#25
Isophorone
Concen: 37.111 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

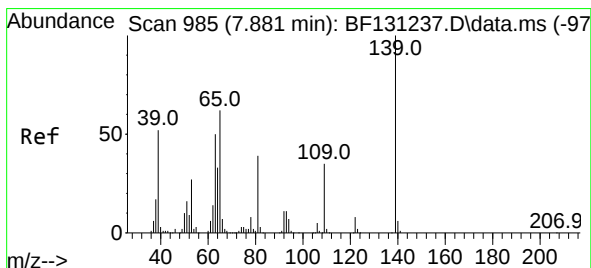
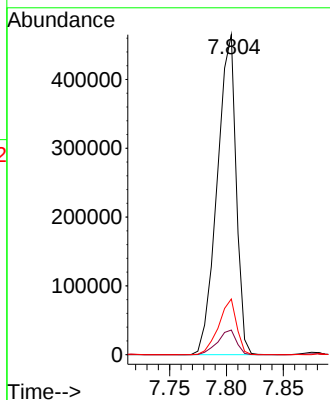
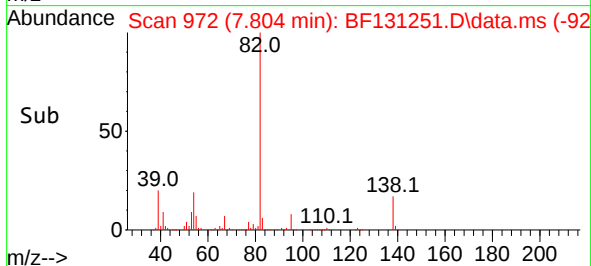
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



Tgt Ion: 82 Resp: 538692
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 17.4 13.4 20.0

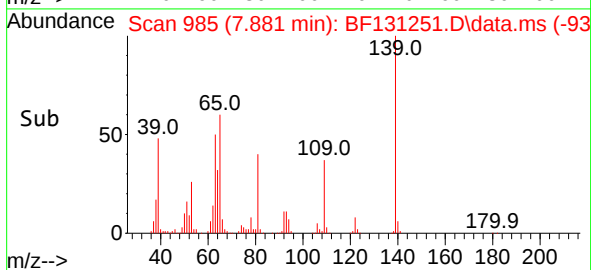
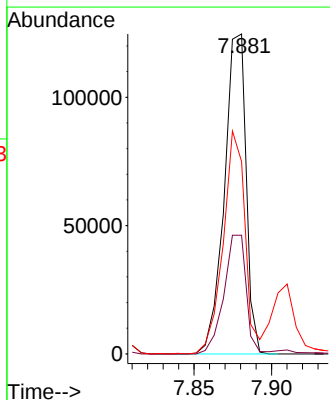
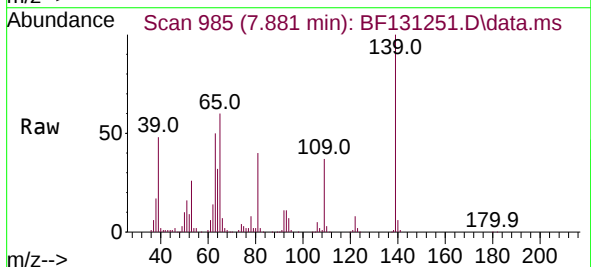
Manual Integrations
APPROVED

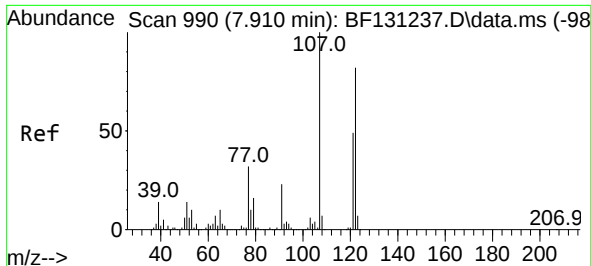
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#26
2-Nitrophenol
Concen: 39.644 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

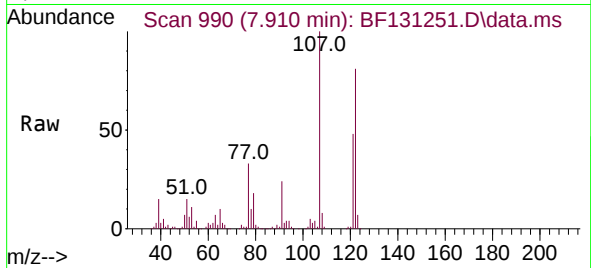
Tgt Ion:139 Resp: 121952
Ion Ratio Lower Upper
139 100
109 37.1 28.0 42.0
65 60.1 49.3 73.9





#27
2,4-Dimethylphenol
Concen: 42.221 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

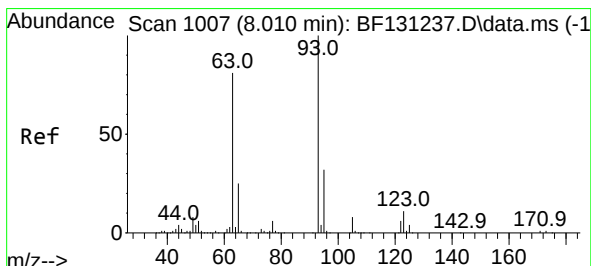
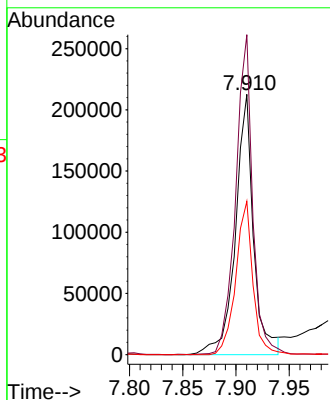
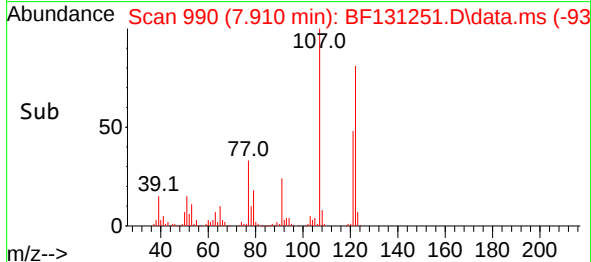
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



Tgt Ion:122 Resp: 250858
Ion Ratio Lower Upper
122 100
107 123.0 97.1 145.7
121 58.9 47.5 71.3

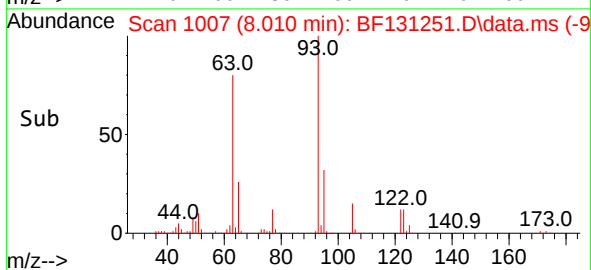
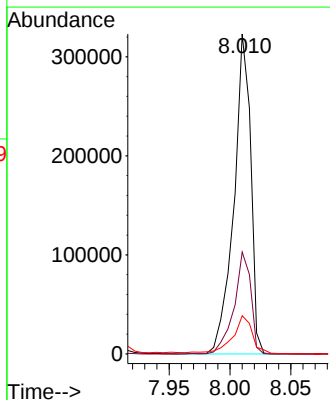
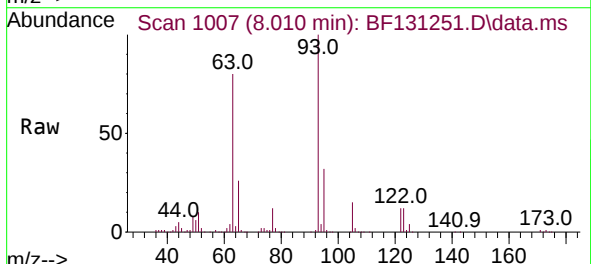
Manual Integrations
APPROVED

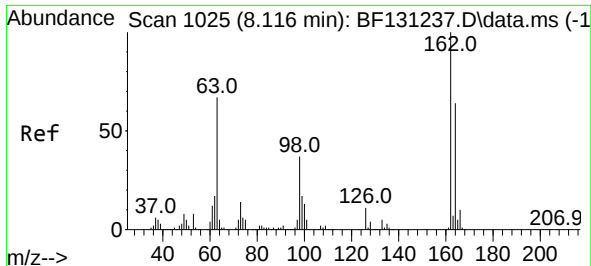
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#28
bis(2-Chloroethoxy)methane
Concen: 37.929 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

Tgt Ion: 93 Resp: 310405
Ion Ratio Lower Upper
93 100
95 31.8 25.7 38.5
123 11.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 35.317 ng

RT: 8.116 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BF131251.D

Acq: 16 Nov 2022 01:14

Instrument :

BNA_F

ClientSampleId :

PB148855BSD

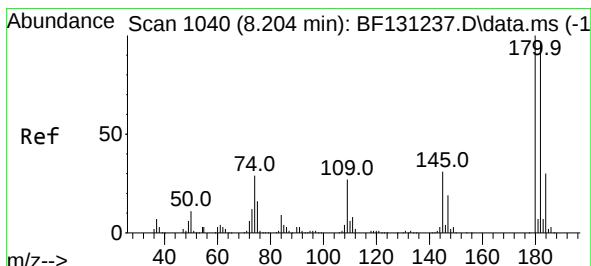
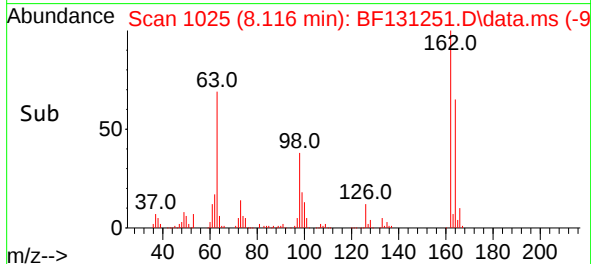
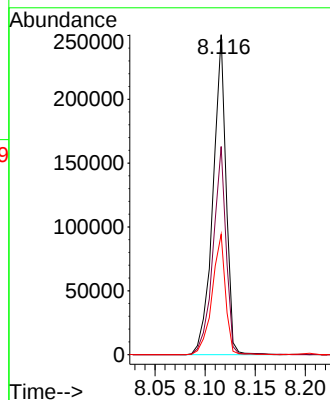
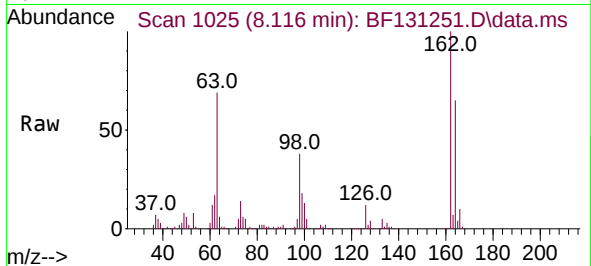
Tgt Ion:162 Resp: 226922

Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.5	83.5
98	37.6	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: 34.424 ng

RT: 8.204 min Scan# 1040

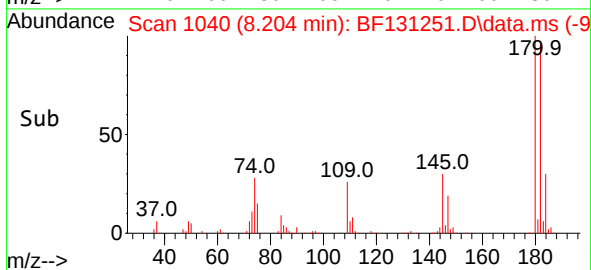
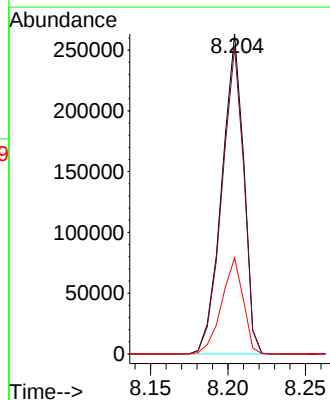
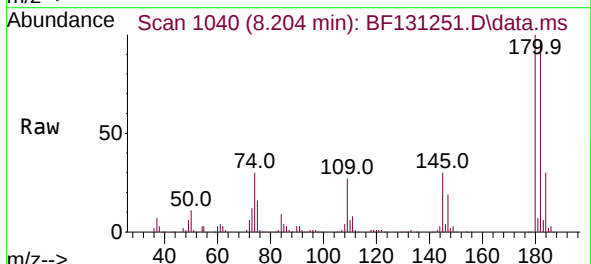
Delta R.T. 0.000 min

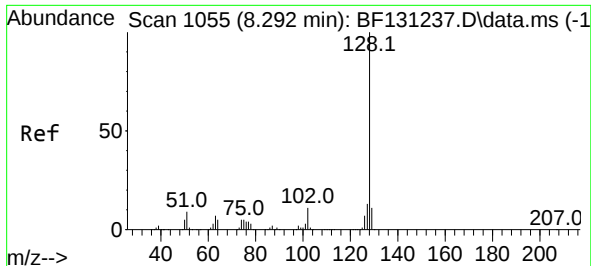
Lab File: BF131251.D

Acq: 16 Nov 2022 01:14

Tgt Ion:180 Resp: 259329

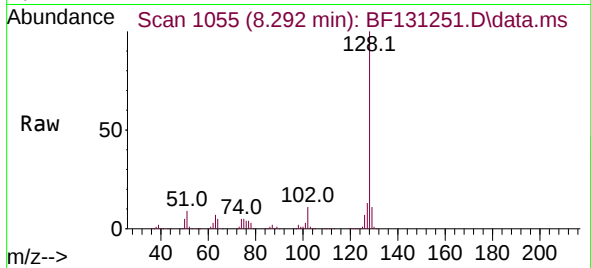
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.6	115.0
145	30.0	24.8	37.2





#31
Naphthalene
Concen: 33.765 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

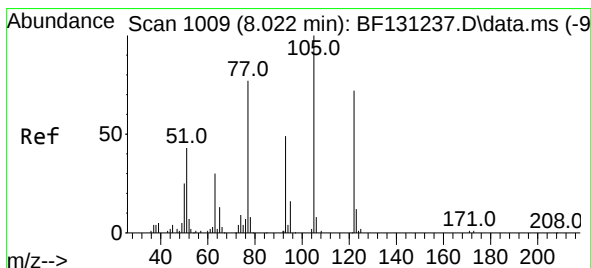
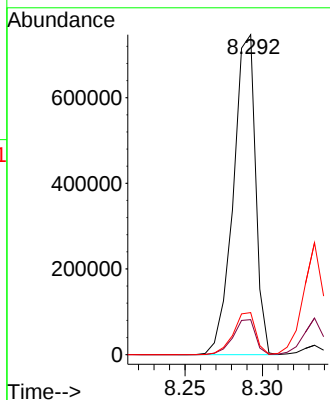
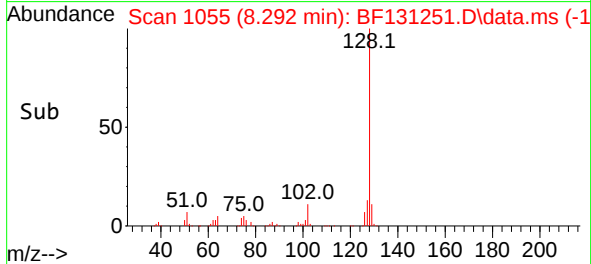
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



Tgt Ion:128 Resp: 746062
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.1 10.3 15.5

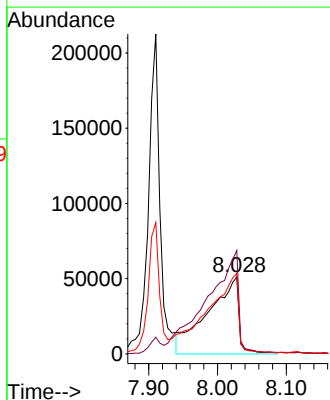
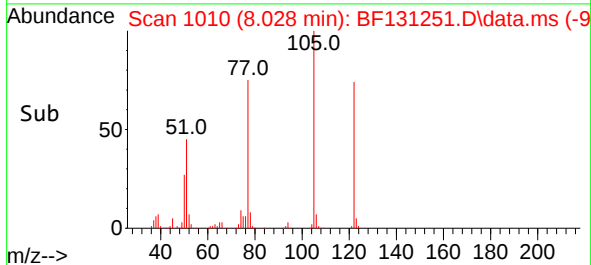
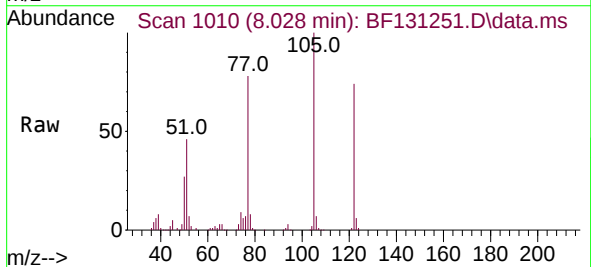
Manual Integrations
APPROVED

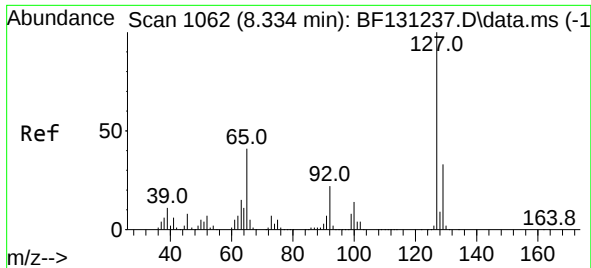
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#32
Benzoic acid
Concen: 38.879 ng m
RT: 8.028 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

Tgt Ion:122 Resp: 161098
Ion Ratio Lower Upper
122 100
105 134.3 116.9 156.9
77 104.5 86.9 126.9





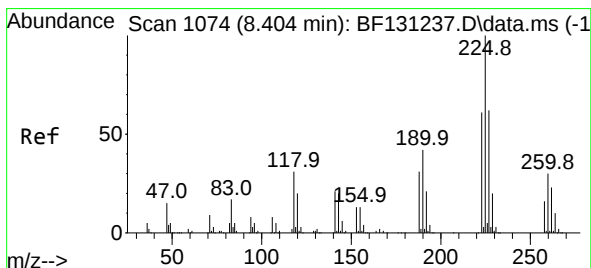
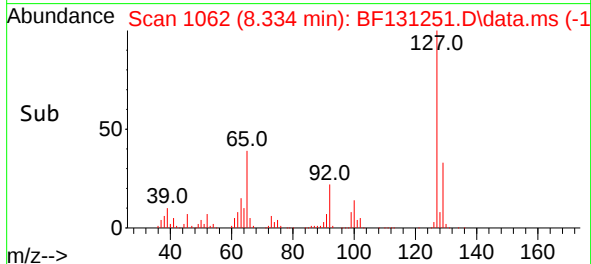
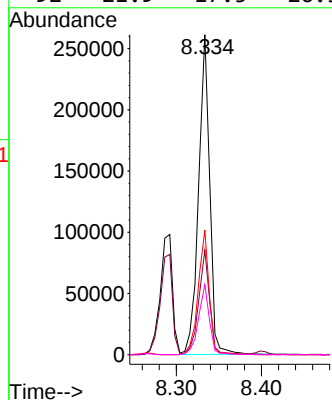
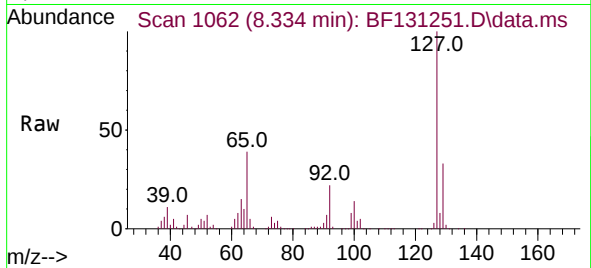
#33
4-Chloroaniline
Concen: 27.284 ng
RT: 8.334 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

Instrument :
BNA_F
ClientSampleId :
PB148855BSD

Tgt Ion:	127	Resp:	237319
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	39.0	32.6	48.8
92	21.9	17.5	26.3

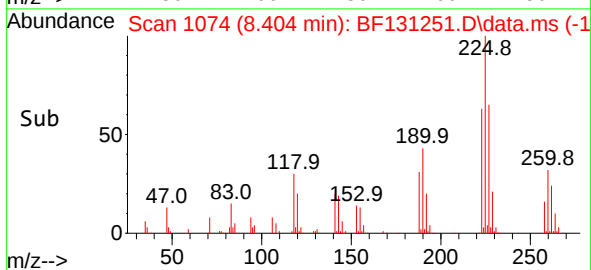
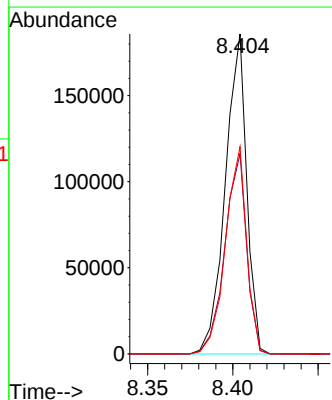
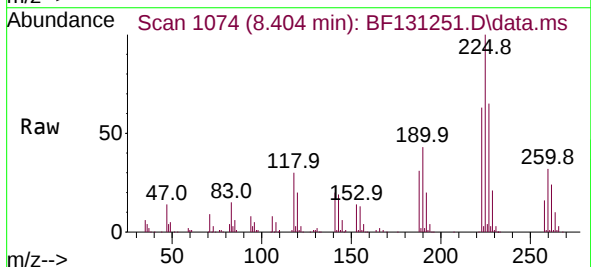
Manual Integrations
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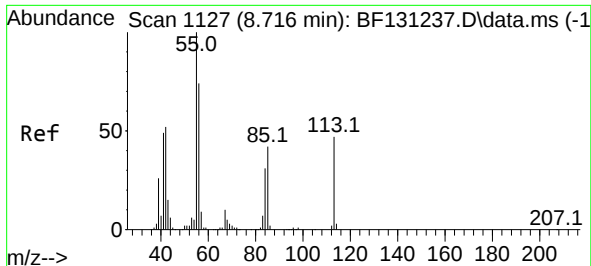
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#34
Hexachlorobutadiene
Concen: 33.980 ng
RT: 8.404 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

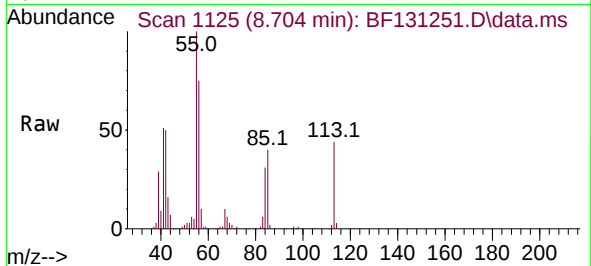
Tgt Ion:	225	Resp:	162014
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.1	73.7
227	64.7	50.0	75.0





#35
Caprolactam
Concen: 38.513 ng m
RT: 8.704 min Scan# 1125
Delta R.T. -0.012 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

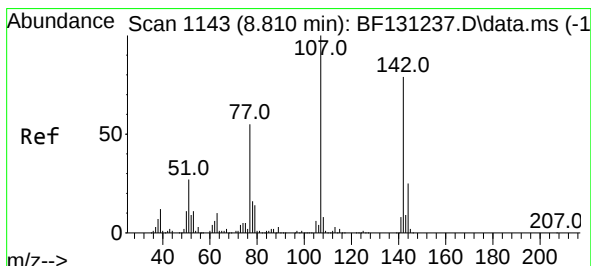
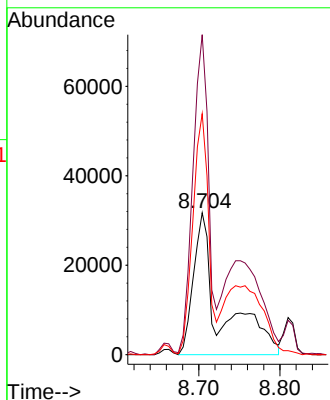
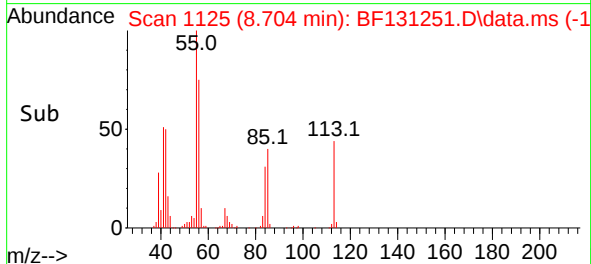
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



Tgt Ion:113 Resp: 73129
Ion Ratio Lower Upper
113 100
55 225.5 193.2 233.2
56 169.7 137.2 177.2

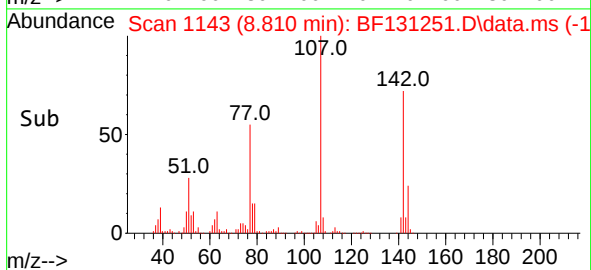
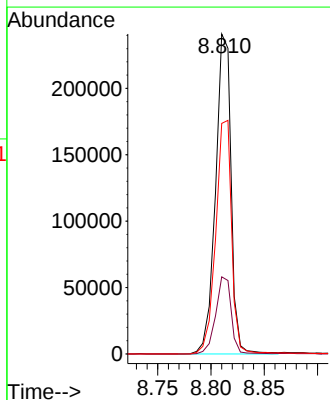
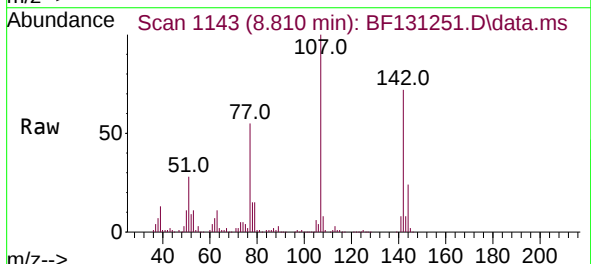
Manual Integrations
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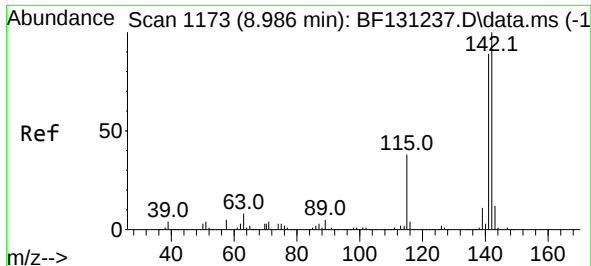
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#36
4-Chloro-3-methylphenol
Concen: 36.304 ng
RT: 8.810 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

Tgt Ion:107 Resp: 245532
Ion Ratio Lower Upper
107 100
144 24.1 20.2 30.2
142 72.0 63.0 94.6





#37

2-Methylnaphthalene

Concen: 34.021 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF131251.D

Acq: 16 Nov 2022 01:14

Instrument :

BNA_F

ClientSampleId :

PB148855BSD

Tgt Ion:142 Resp: 500644

Ion Ratio Lower Upper

142 100

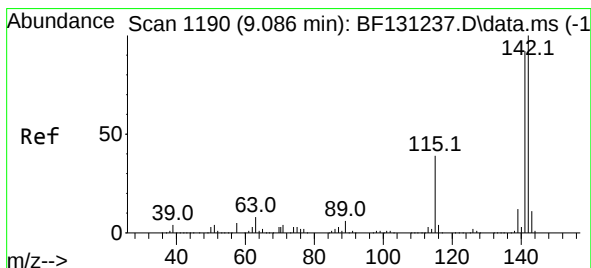
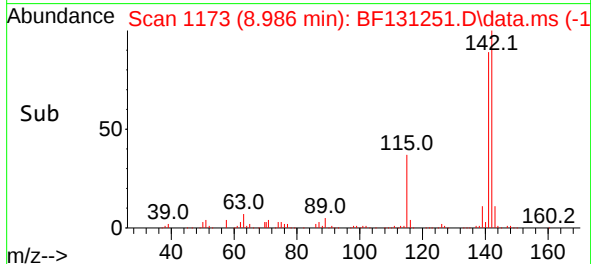
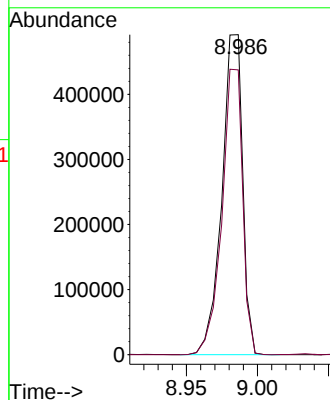
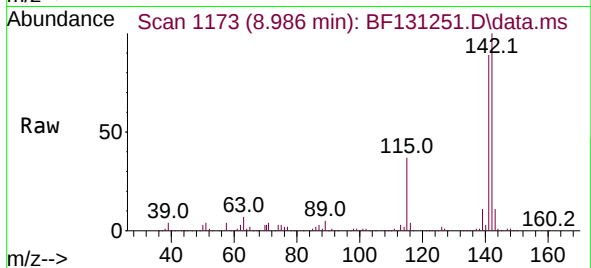
141 89.0 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#38

1-Methylnaphthalene

Concen: 33.180 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF131251.D

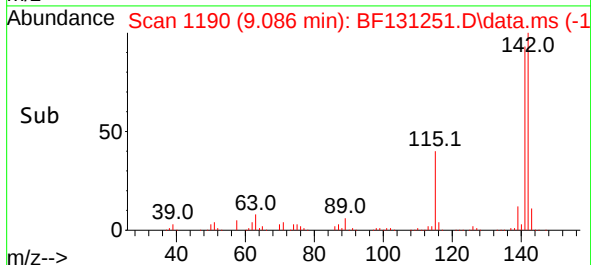
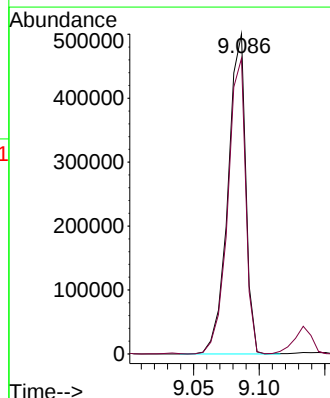
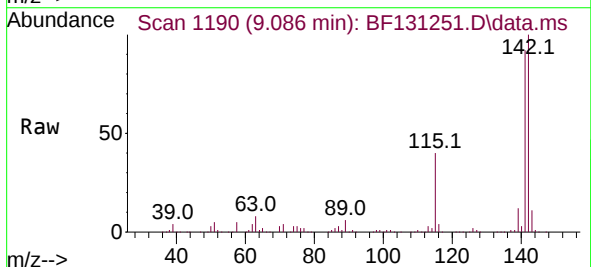
Acq: 16 Nov 2022 01:14

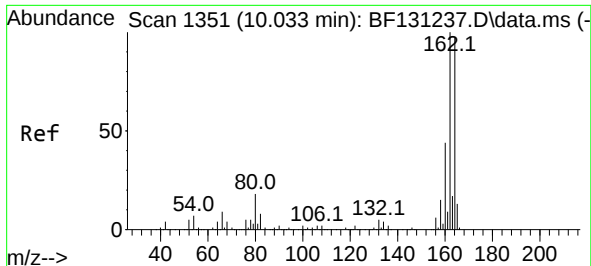
Tgt Ion:142 Resp: 473469

Ion Ratio Lower Upper

142 100

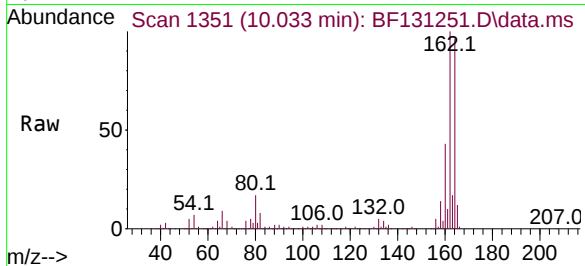
141 92.3 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

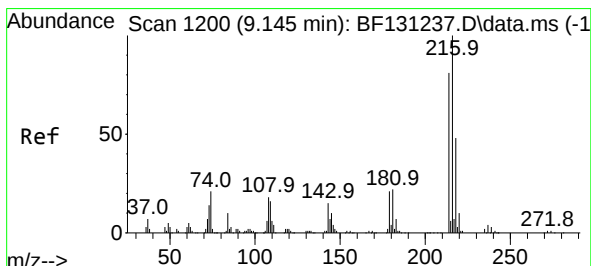
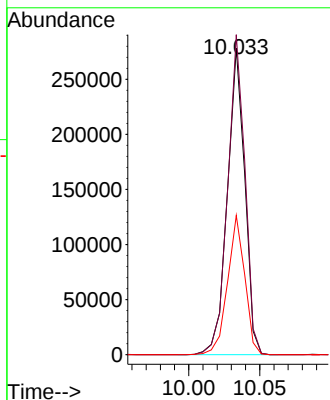
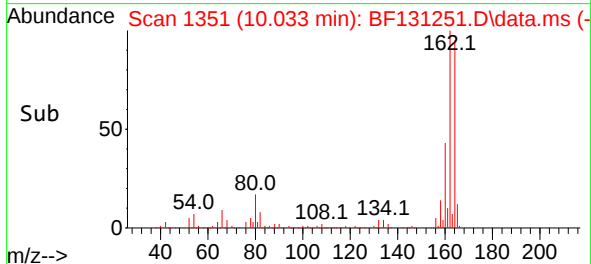
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



Tgt Ion:164 Resp: 237014
Ion Ratio Lower Upper
164 100
162 104.4 82.1 123.1
160 45.4 36.2 54.4

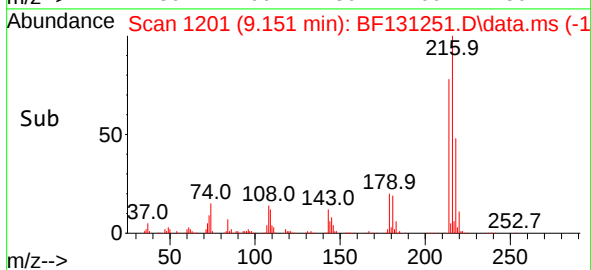
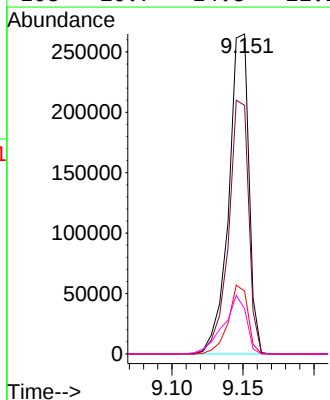
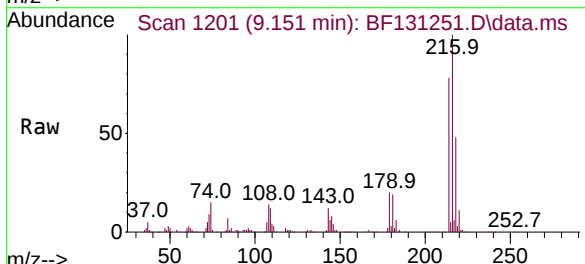
Manual Integrations
APPROVED

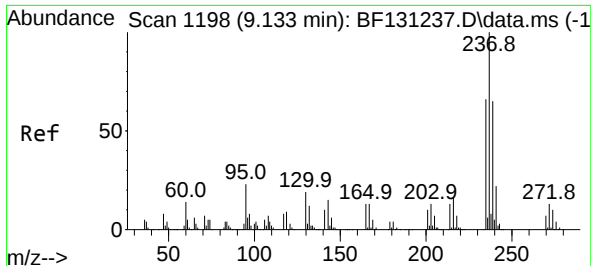
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.306 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

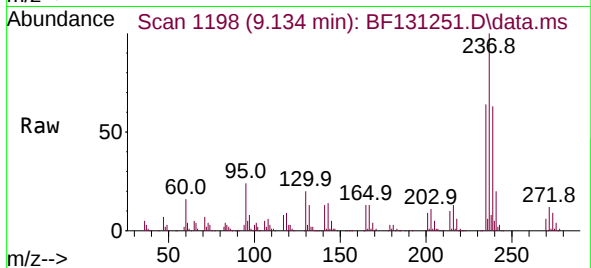
Tgt Ion:216 Resp: 261800
Ion Ratio Lower Upper
216 100
214 78.7 63.7 95.5
179 20.9 16.5 24.7
108 20.7 14.8 22.2





#41
Hexachlorocyclopentadiene
Concen: 82.656 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

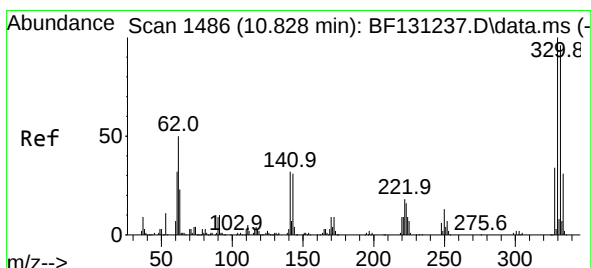
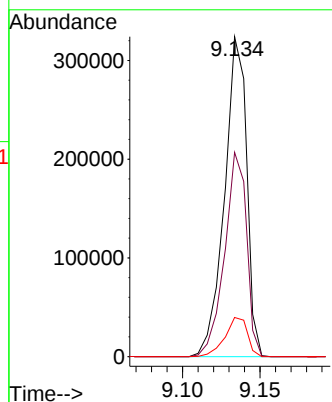
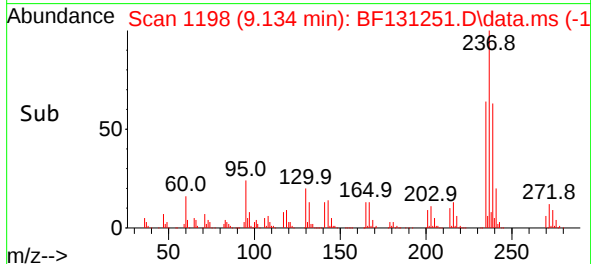
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



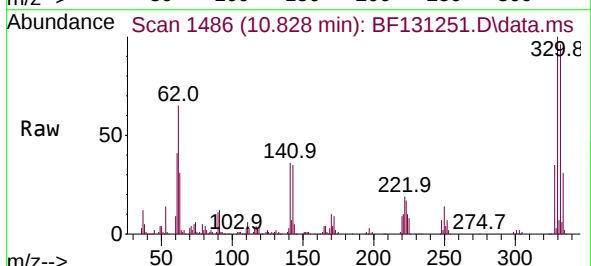
Tgt Ion: 237 Resp: 323295
Ion Ratio Lower Upper
237 100
235 63.8 45.6 85.6
272 12.2 0.0 32.6

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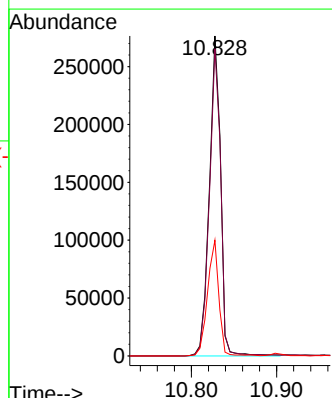
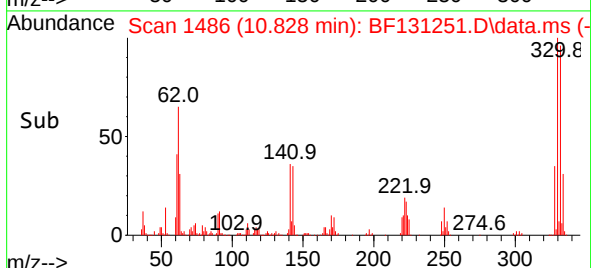
Reviewed By : Christian Giraldo 11/16/2022
Supervised By : Jagrut Upadhyay 11/16/2022

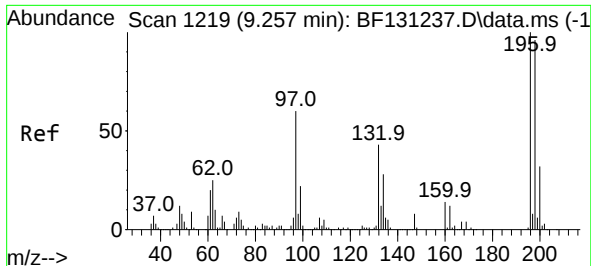


#42
2,4,6-Tribromophenol
Concen: 111.999 ng
RT: 10.828 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



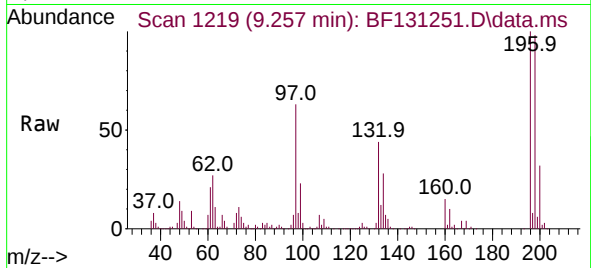
Tgt Ion: 330 Resp: 253564
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 36.4 29.6 44.4





#43
2,4,6-Trichlorophenol
Concen: 32.303 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

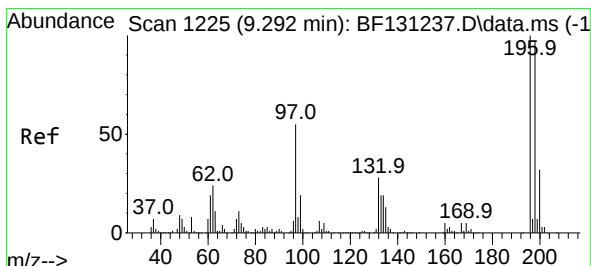
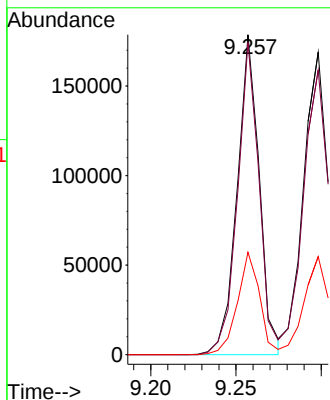
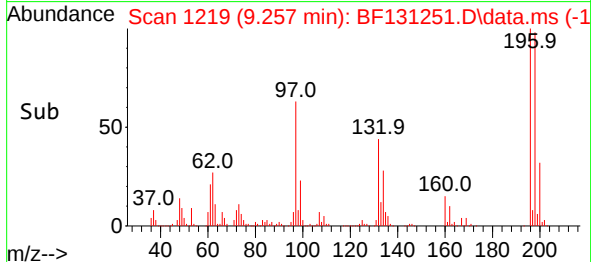
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



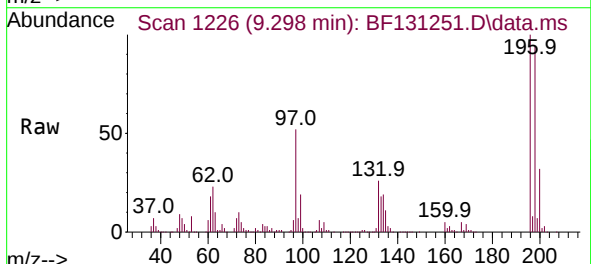
Tgt Ion:196 Resp: 161166
Ion Ratio Lower Upper
196 100
198 97.6 76.5 114.7
200 32.0 25.3 37.9

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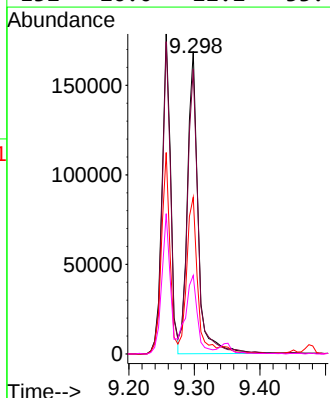
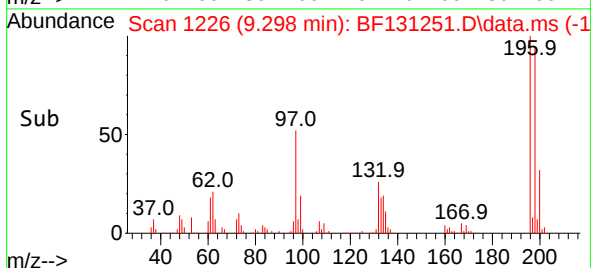
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

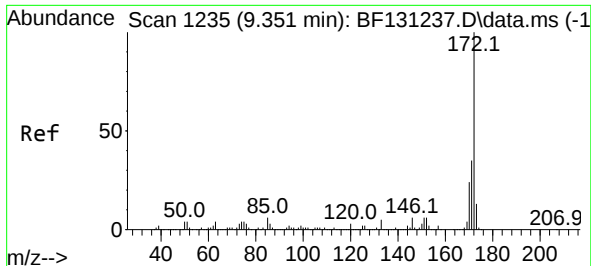


#44
2,4,5-Trichlorophenol
Concen: 36.018 ng
RT: 9.298 min Scan# 1226
Delta R.T. 0.006 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



Tgt Ion:196 Resp: 192839
Ion Ratio Lower Upper
196 100
198 94.1 77.0 115.6
97 51.8 44.3 66.5
132 26.0 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 65.633 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF131251.D

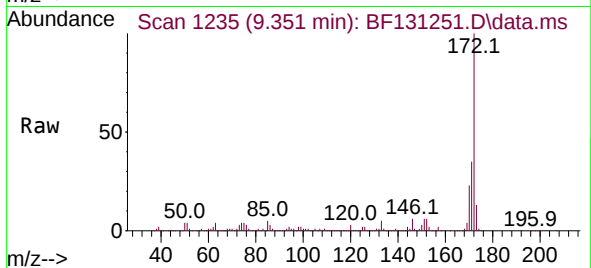
Acq: 16 Nov 2022 01:14

Instrument :

BNA_F

ClientSampleId :

PB148855BSD



Tgt Ion:172 Resp: 1063000

Ion Ratio Lower Upper

172 100

171 34.5 28.2 42.2

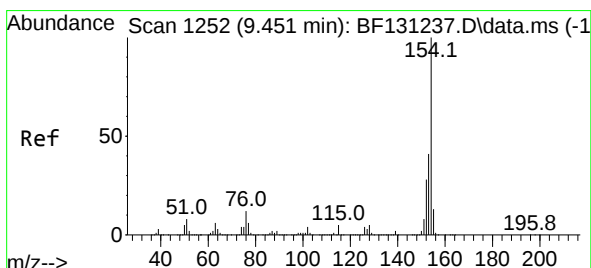
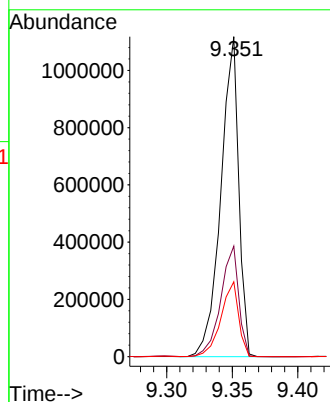
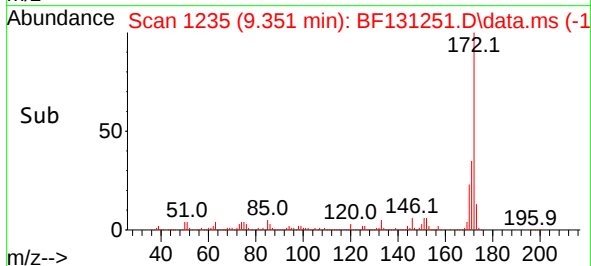
170 23.4 18.8 28.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#46

1,1'-Biphenyl

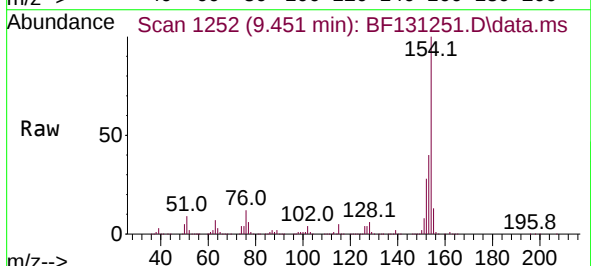
Concen: 34.293 ng

RT: 9.451 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF131251.D

Acq: 16 Nov 2022 01:14



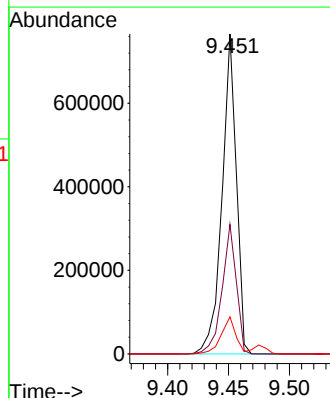
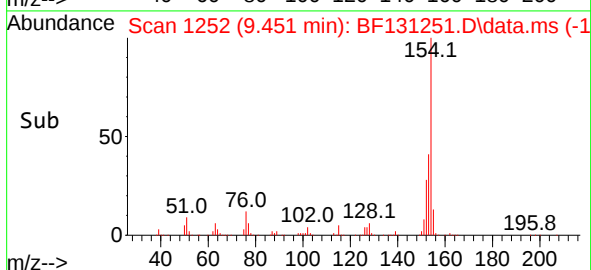
Tgt Ion:154 Resp: 624827

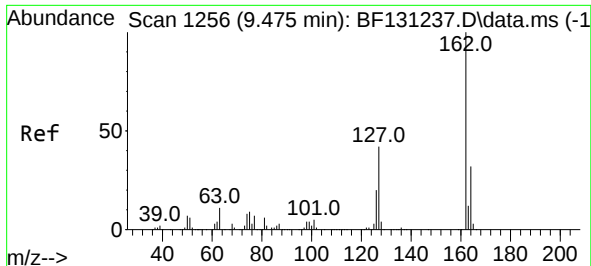
Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

76 11.6 0.0 31.6





#47

2-Chloronaphthalene

Concen: 33.303 ng

RT: 9.475 min Scan# 1256

Delta R.T. 0.000 min

Lab File: BF131251.D

Acq: 16 Nov 2022 01:14

Instrument :

BNA_F

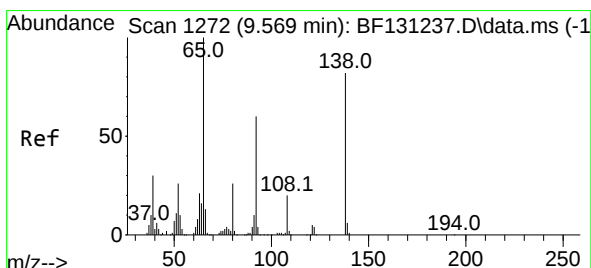
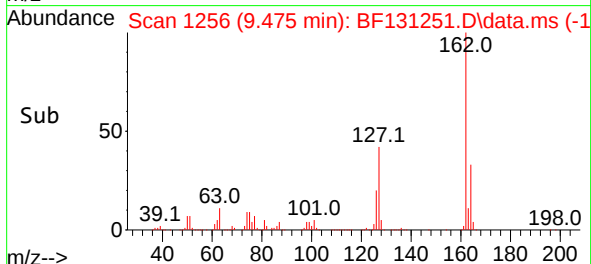
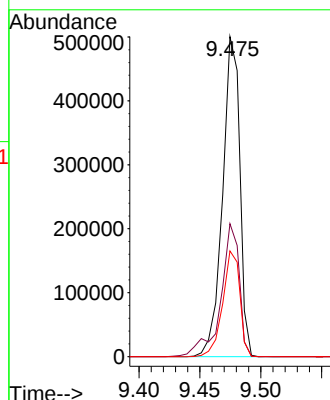
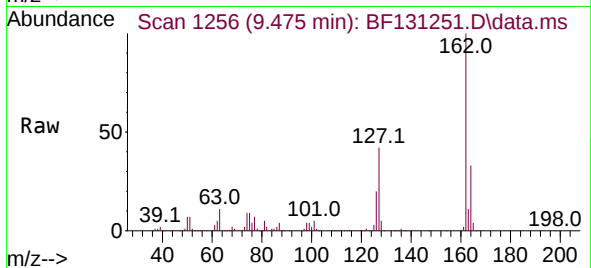
ClientSampleId :

PB148855BSD

Tgt Ion:162 Resp: 491546
 Ion Ratio Lower Upper
 162 100
 127 41.5 34.1 51.1
 164 33.0 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: 38.154 ng

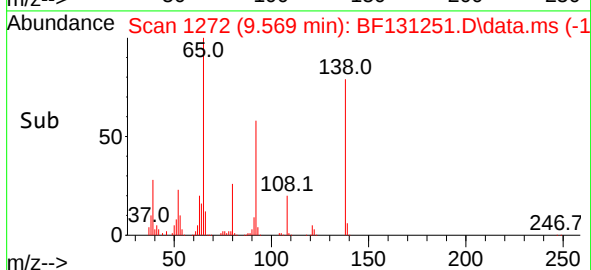
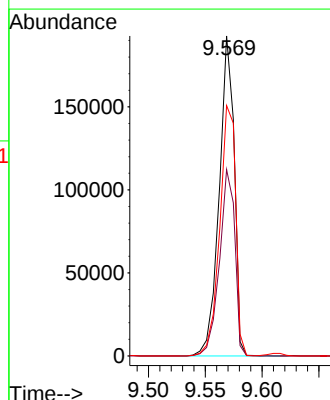
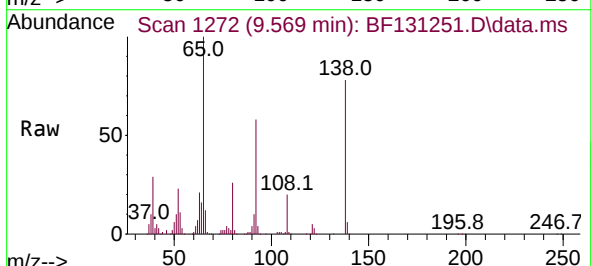
RT: 9.569 min Scan# 1272

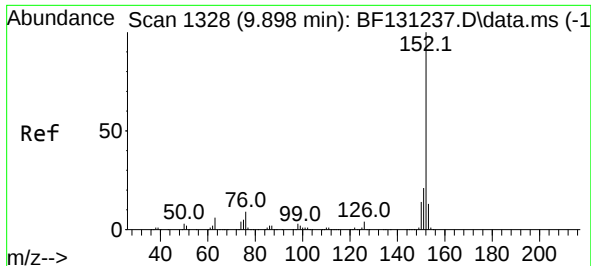
Delta R.T. -0.000 min

Lab File: BF131251.D

Acq: 16 Nov 2022 01:14

Tgt Ion: 65 Resp: 176405
 Ion Ratio Lower Upper
 65 100
 92 58.2 48.2 72.2
 138 78.2 65.8 98.8





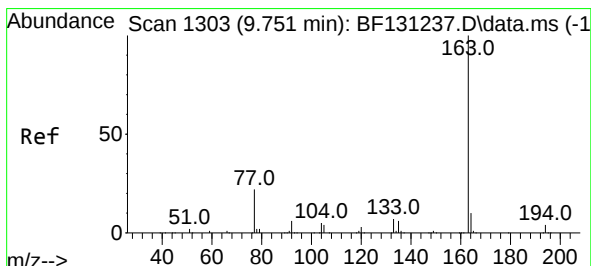
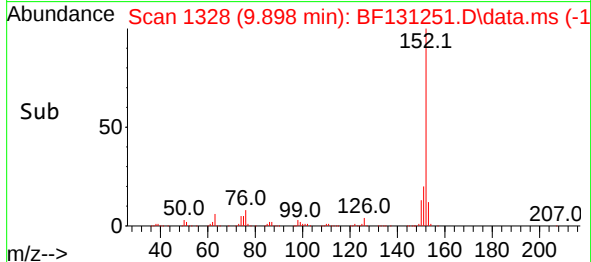
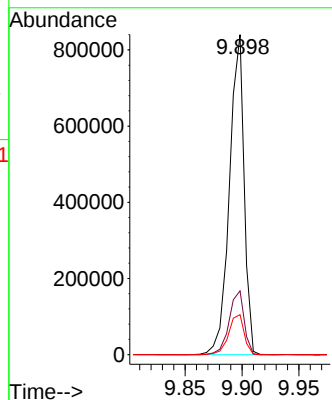
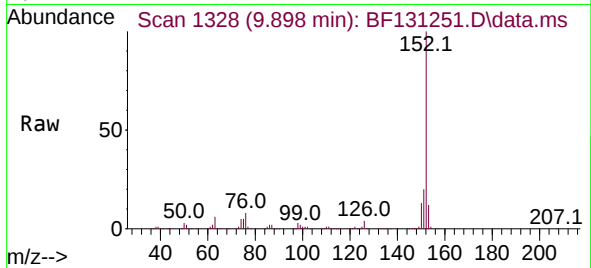
#49
Acenaphthylene
Concen: 33.470 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

Instrument :
BNA_F
ClientSampleId :
PB148855BSD

Tgt Ion:152 Resp: 754390
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 12.5 10.5 15.7

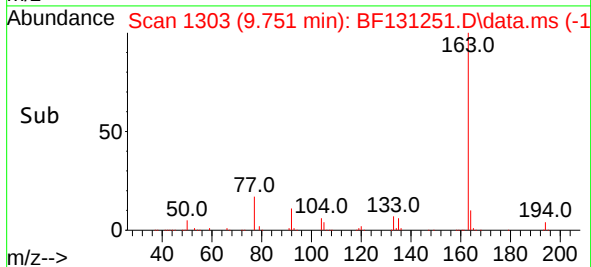
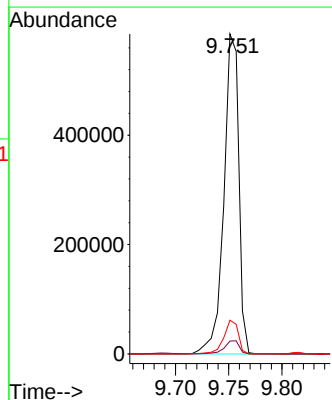
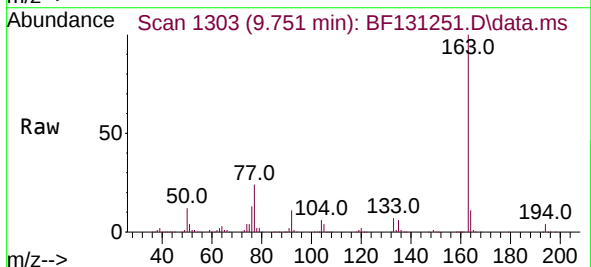
Manual Integrations
APPROVED

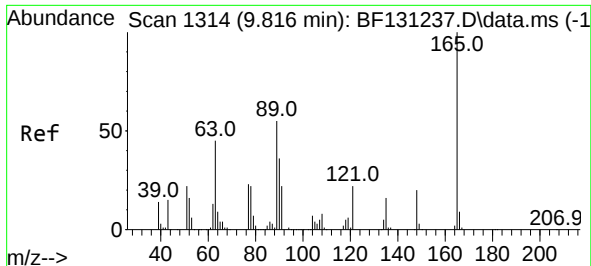
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#50
Dimethylphthalate
Concen: 33.646 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

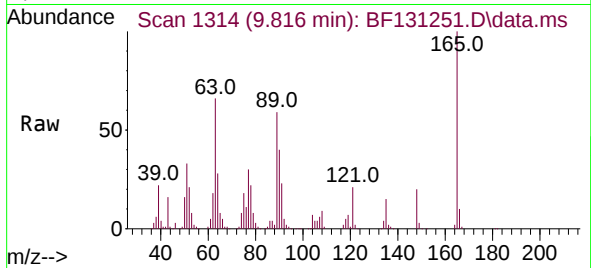
Tgt Ion:163 Resp: 571040
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.5 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 37.716 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

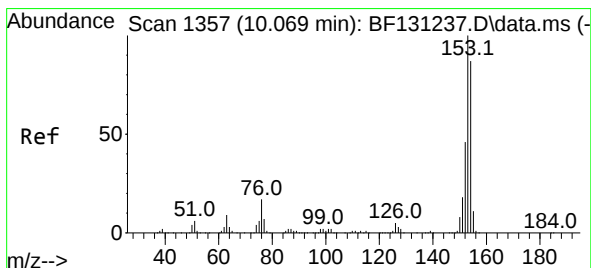
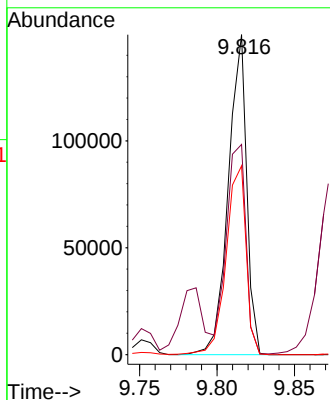
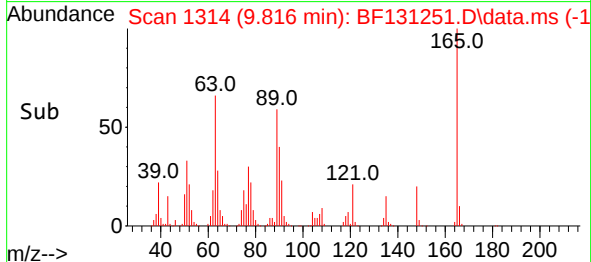
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



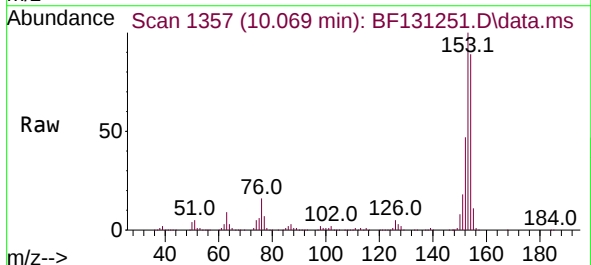
Tgt Ion:165 Resp: 123304
Ion Ratio Lower Upper
165 100
63 65.7 49.8 74.6
89 59.0 44.5 66.7

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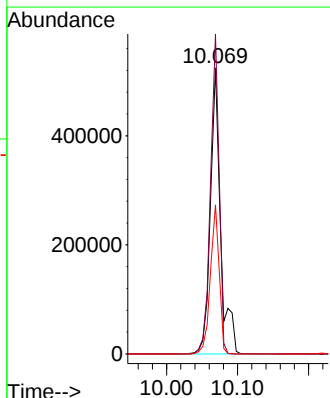
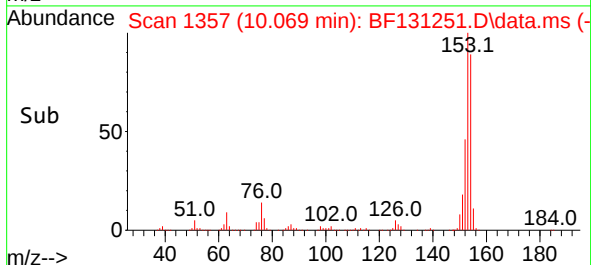
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

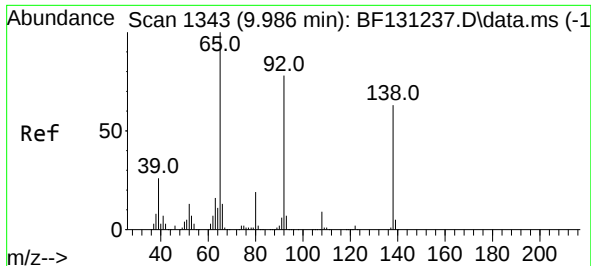


#52
Acenaphthene
Concen: 37.245 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



Tgt Ion:154 Resp: 523994
Ion Ratio Lower Upper
154 100
153 111.9 91.4 137.2
152 52.1 42.4 63.6





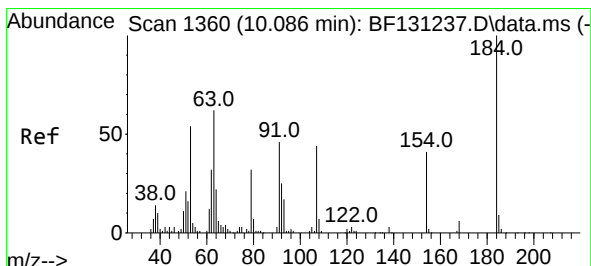
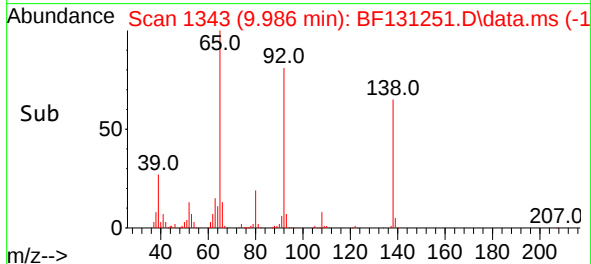
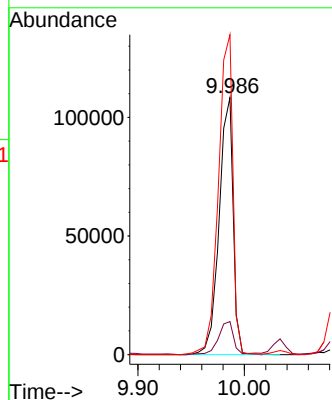
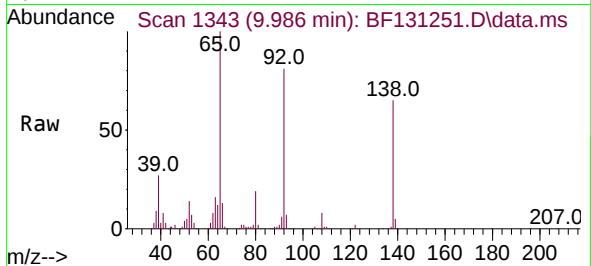
#53
3-Nitroaniline
Concen: 29.054 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

Instrument :
BNA_F
ClientSampleId :
PB148855BSD

Tgt Ion:138 Resp: 99228
Ion Ratio Lower Upper
138 100
108 12.9 11.4 17.2
92 124.5 98.6 148.0

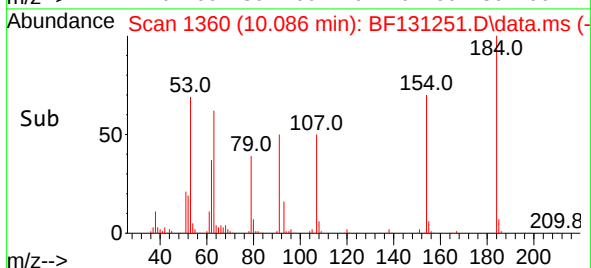
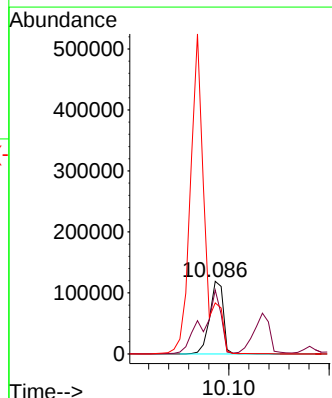
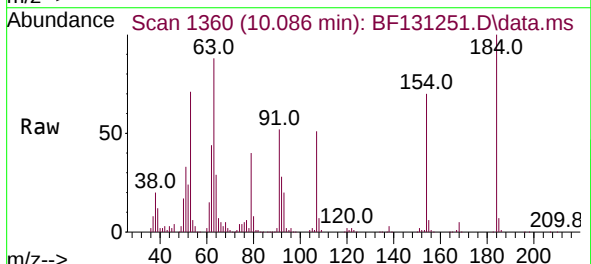
Manual Integrations
APPROVED

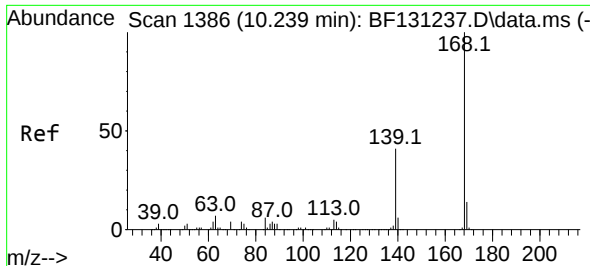
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#54
2,4-Dinitrophenol
Concen: 75.407 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

Tgt Ion:184 Resp: 111083
Ion Ratio Lower Upper
184 100
63 87.8 52.5 78.7#
154 70.2 54.0 81.0





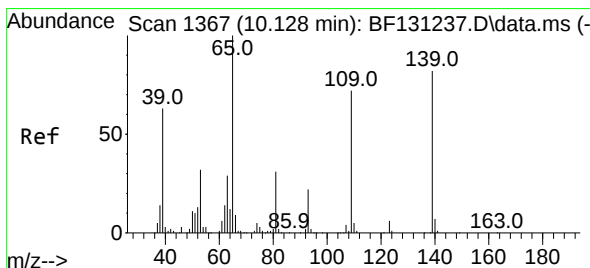
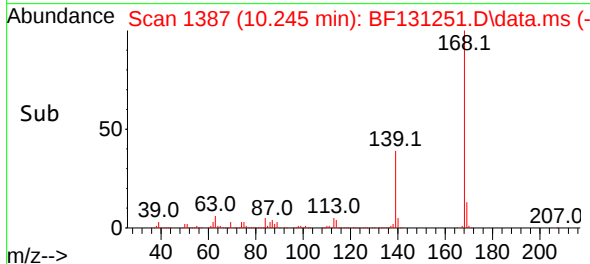
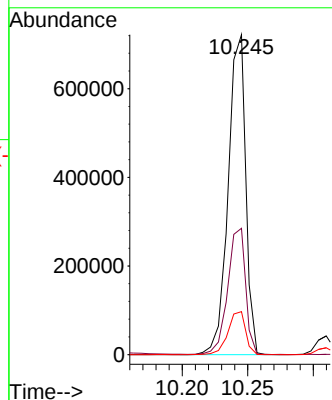
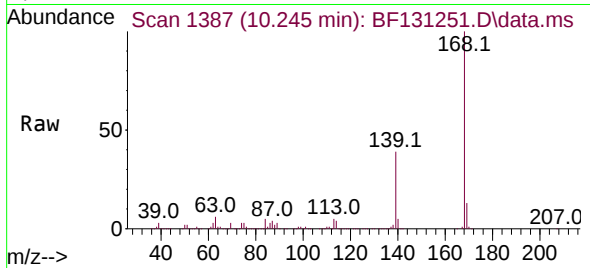
#55
Dibenzenofuran
Concen: 33.444 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

Instrument :
BNA_F
ClientSampleId :
PB148855BSD

Tgt Ion:168 Resp: 674136
Ion Ratio Lower Upper
168 100
139 39.5 32.9 49.3
169 13.4 10.8 16.2

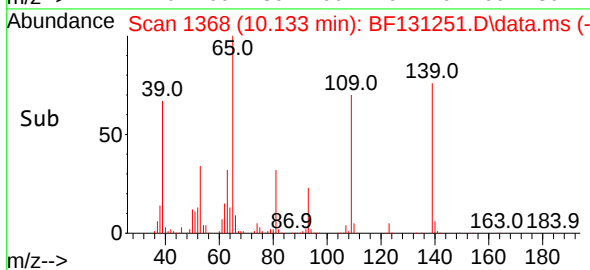
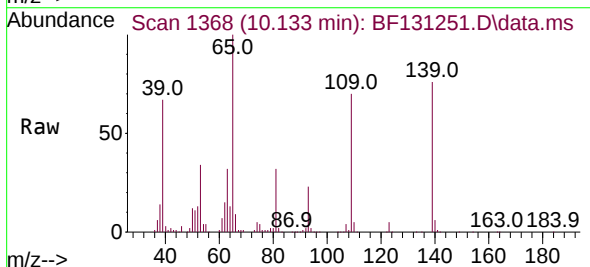
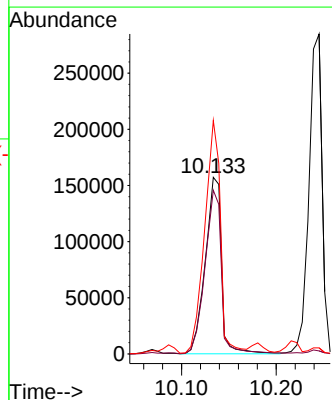
Manual Integrations
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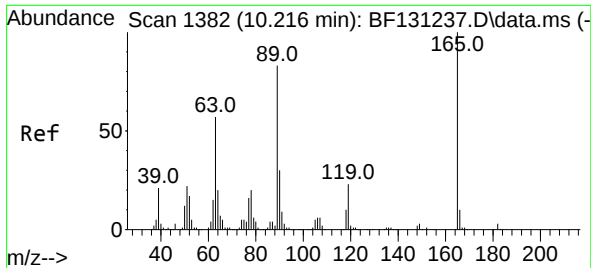
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#56
4-Nitrophenol
Concen: 70.322 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.005 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

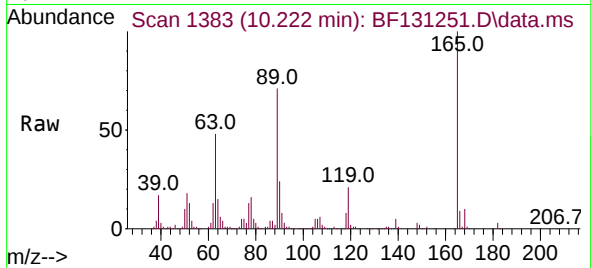
Tgt Ion:139 Resp: 187786
Ion Ratio Lower Upper
139 100
109 92.7 68.1 108.1
65 132.2 101.6 141.6





#57
2,4-Dinitrotoluene
Concen: 39.021 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

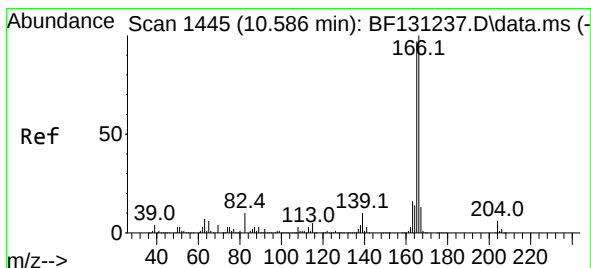
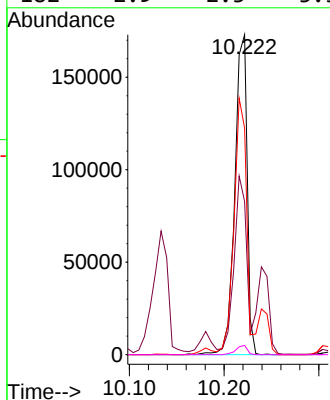
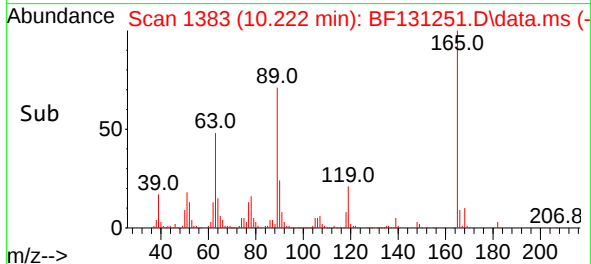
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



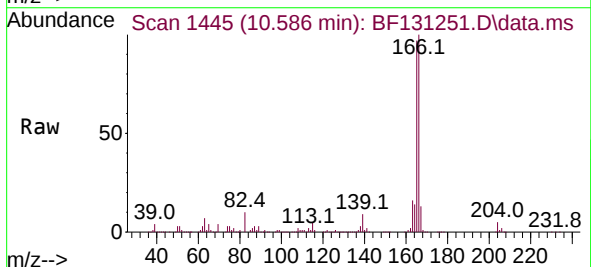
Tgt Ion:165 Resp: 157686
Ion Ratio Lower Upper
165 100
63 47.8 46.0 69.0
89 70.8 66.2 99.4
182 2.9 2.3 3.5

Manual Integrations
APPROVED

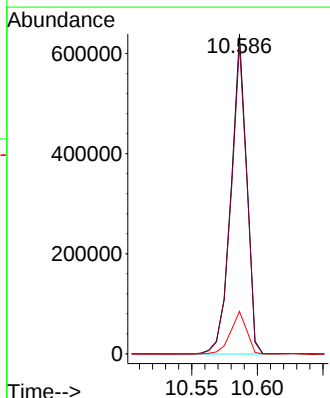
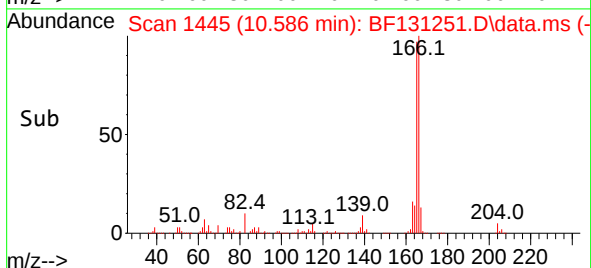
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

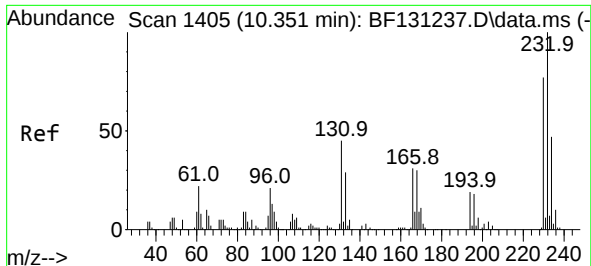


#58
Fluorene
Concen: 33.435 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



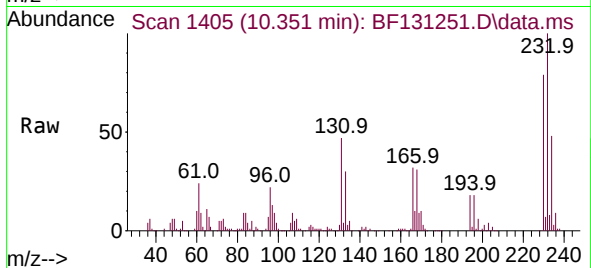
Tgt Ion:166 Resp: 530333
Ion Ratio Lower Upper
166 100
165 96.8 77.4 116.0
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 35.097 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

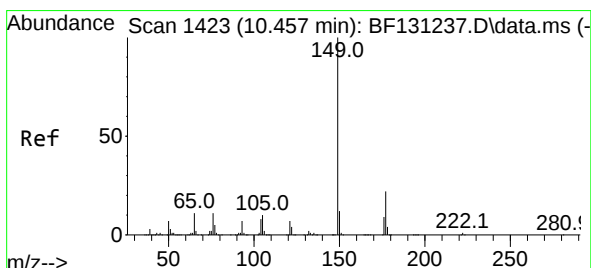
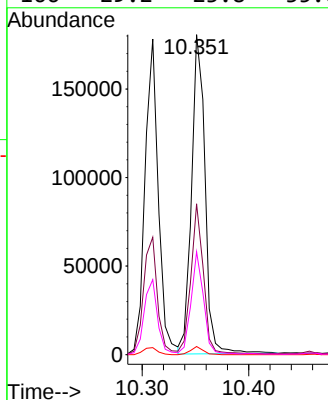
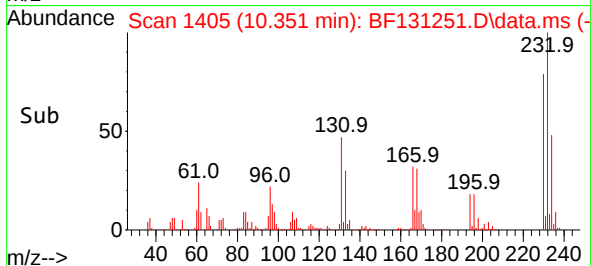
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



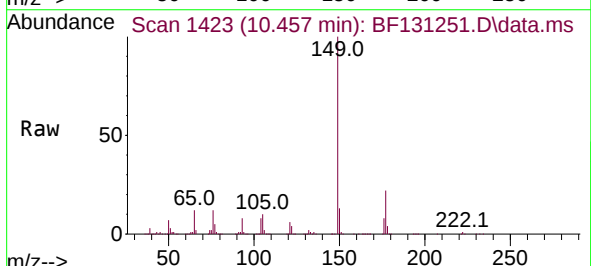
Tgt Ion:232 Resp: 159189
Ion Ratio Lower Upper
232 100
131 43.8 34.6 51.8
130 2.3 1.9 2.9
166 29.2 23.8 35.6

Manual Integrations
APPROVED

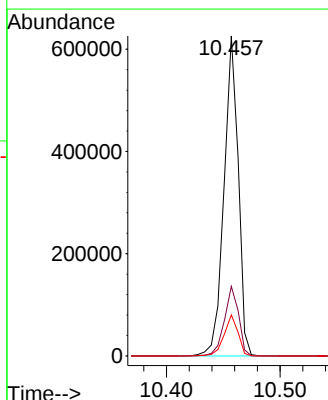
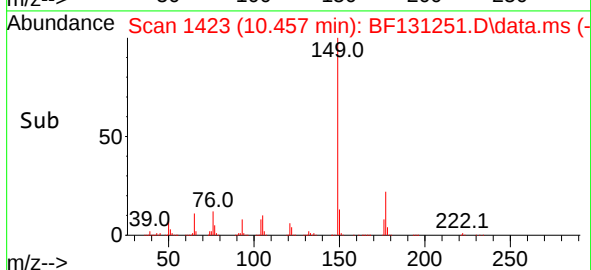
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

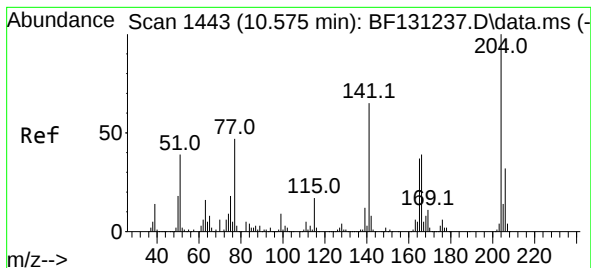


#60
Diethylphthalate
Concen: 34.001 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



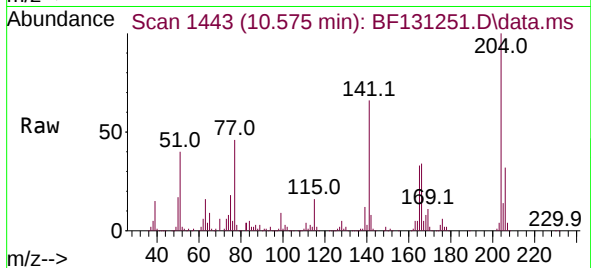
Tgt Ion:149 Resp: 545478
Ion Ratio Lower Upper
149 100
177 21.7 17.9 26.9
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 34.444 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

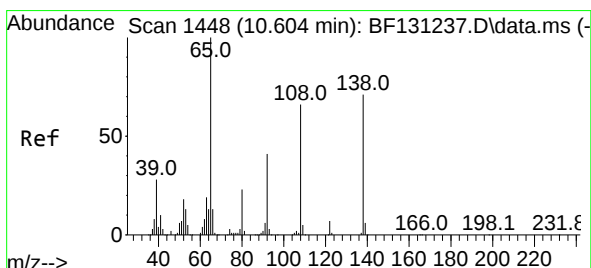
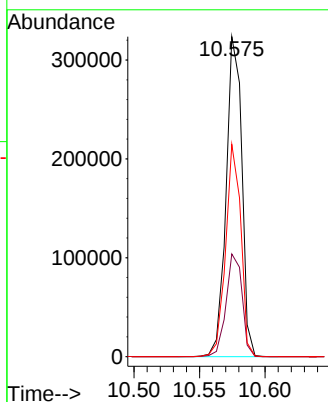
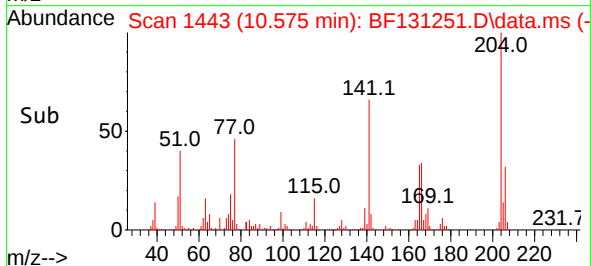
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



Tgt Ion:204 Resp: 270148
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 66.3 52.1 78.1

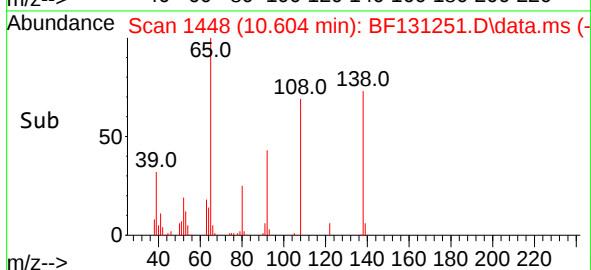
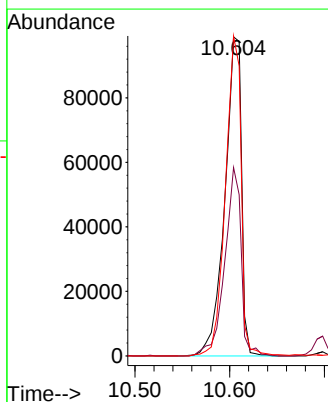
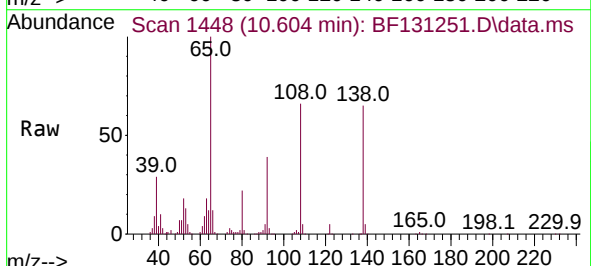
Manual Integrations
APPROVED

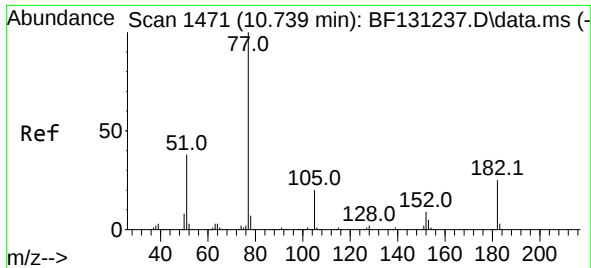
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#62
4-Nitroaniline
Concen: 35.253 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

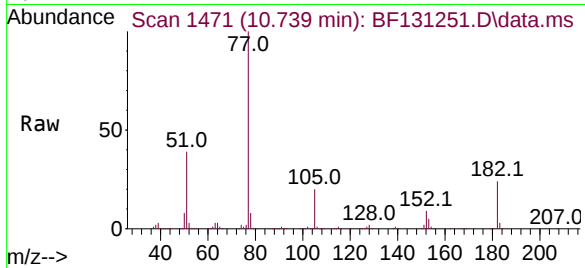
Tgt Ion:138 Resp: 121043
Ion Ratio Lower Upper
138 100
92 59.1 37.6 77.6
108 100.3 73.2 113.2





#63
Azobenzene
Concen: 33.758 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

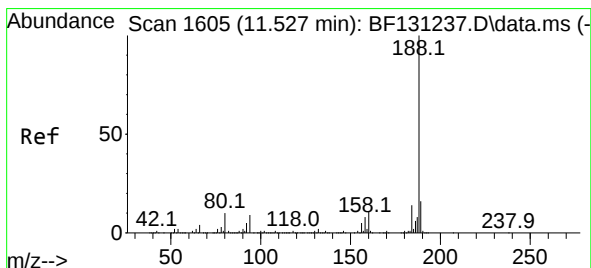
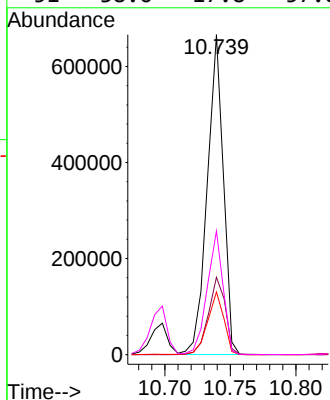
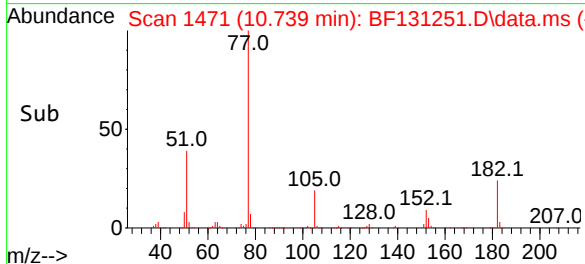
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



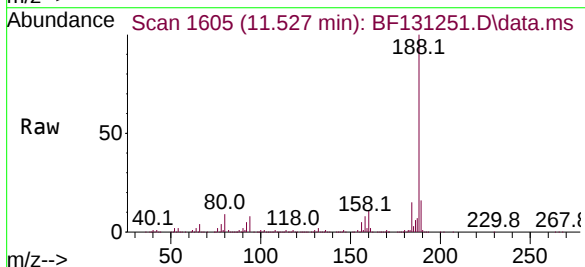
Tgt Ion: 77 Resp: 567026
Ion Ratio Lower Upper
77 100
182 24.2 5.0 45.0
105 19.6 0.1 40.1
51 38.6 17.8 57.8

Manual Integrations
APPROVED

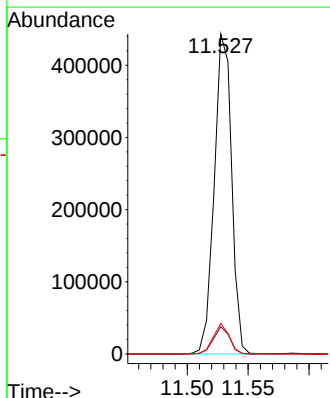
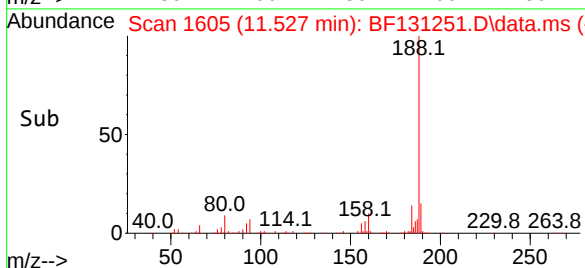
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

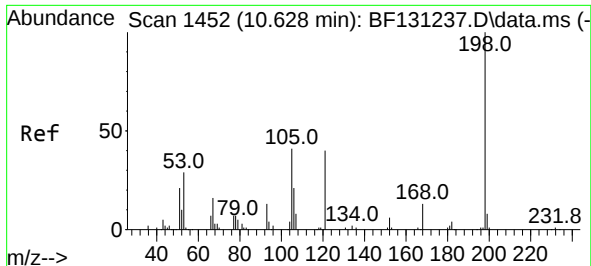


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



Tgt Ion:188 Resp: 438914
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.5 8.0 12.0





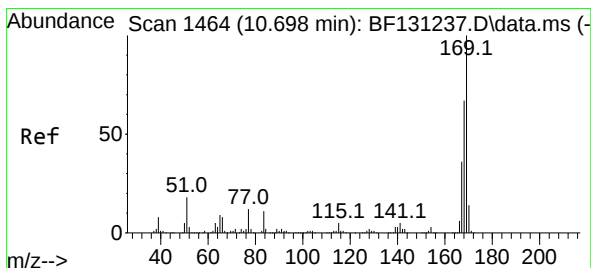
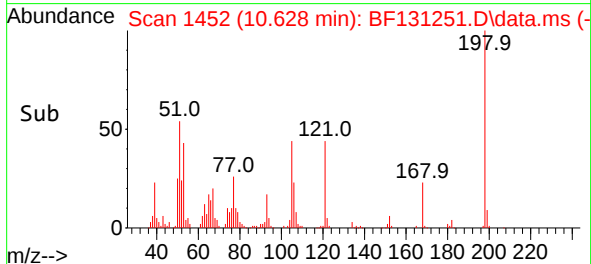
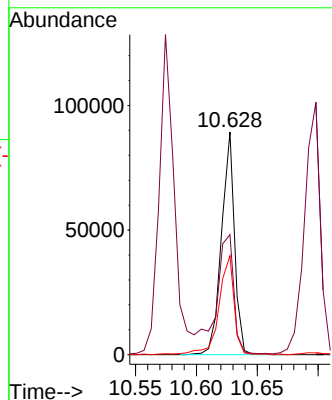
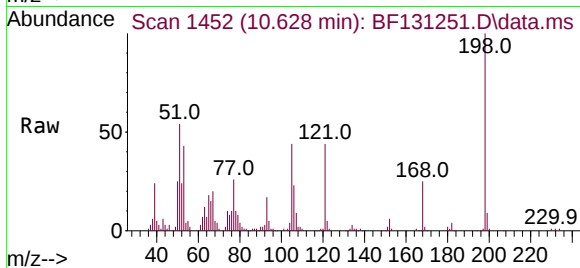
#65
4,6-Dinitro-2-methylphenol
Concen: 36.197 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

Instrument :
BNA_F
ClientSampleId :
PB148855BSD

Tgt Ion:198 Resp: 66799
Ion Ratio Lower Upper
198 100
51 53.9 29.4 69.4
105 44.4 22.2 62.2

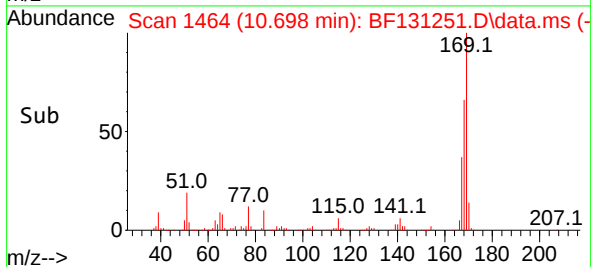
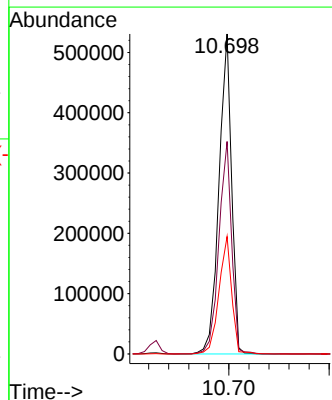
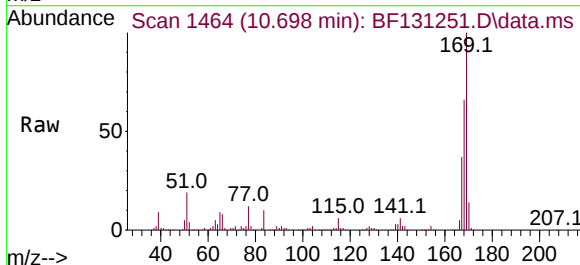
Manual Integrations
APPROVED

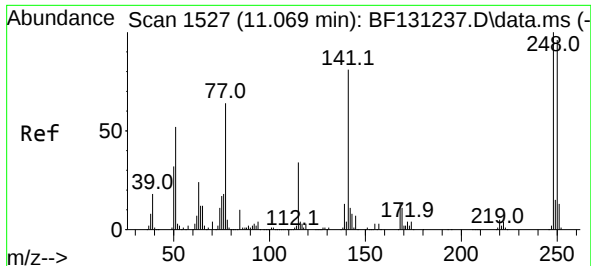
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#66
n-Nitrosodiphenylamine
Concen: 33.339 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

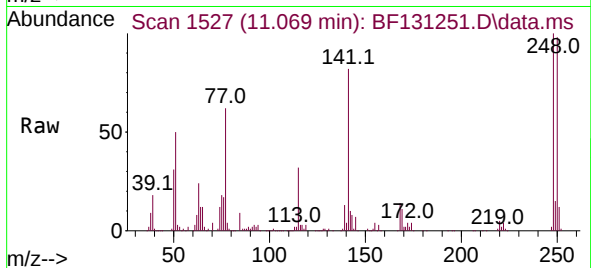
Tgt Ion:169 Resp: 464901
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 36.7 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 34.366 ng
RT: 11.069 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

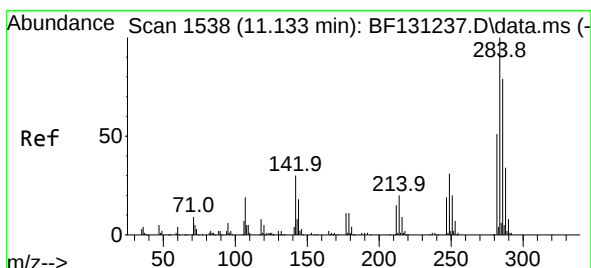
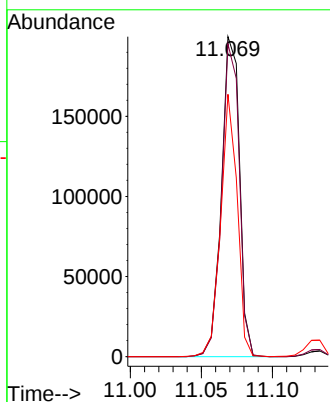
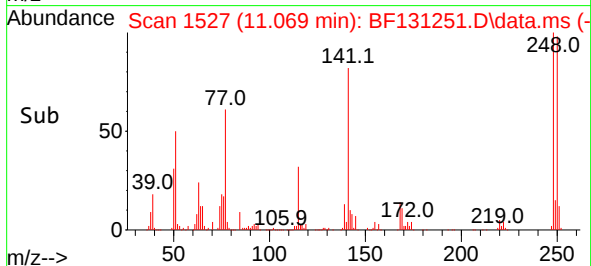
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



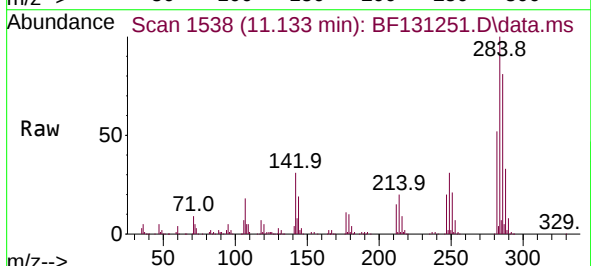
Tgt Ion:248 Resp: 177104
Ion Ratio Lower Upper
248 100
250 97.7 76.6 114.8
141 82.0 64.7 97.1

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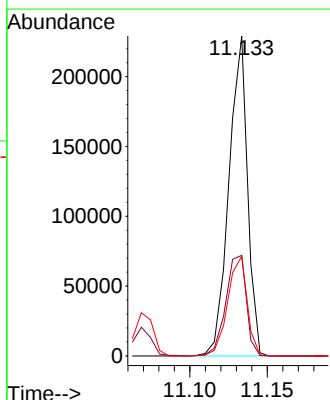
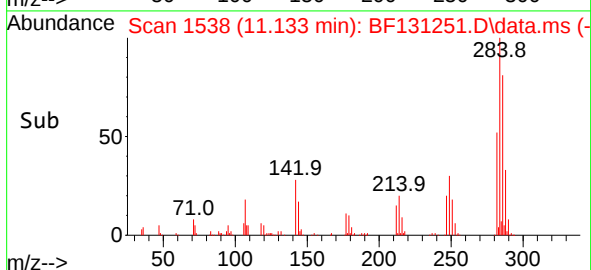
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

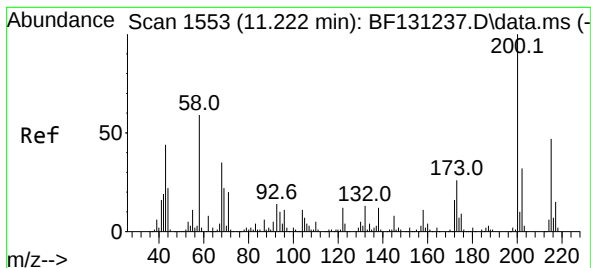


#68
Hexachlorobenzene
Concen: 34.185 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



Tgt Ion:284 Resp: 190922
Ion Ratio Lower Upper
284 100
142 31.5 24.3 36.5
249 31.1 24.8 37.2





#69

Atrazine

Concen: 27.516 ng

RT: 11.222 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131251.D

Acq: 16 Nov 2022 01:14

Instrument :

BNA_F

ClientSampleId :

PB148855BSD

Tgt Ion:200 Resp: 125772

Ion Ratio Lower Upper

200 100

173 26.2 6.4 46.4

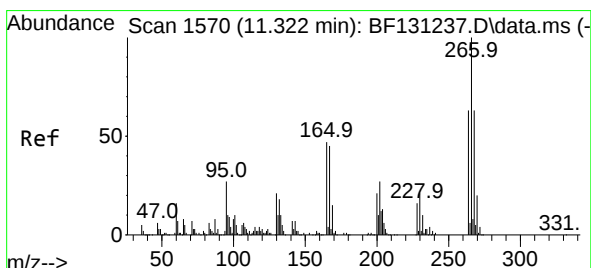
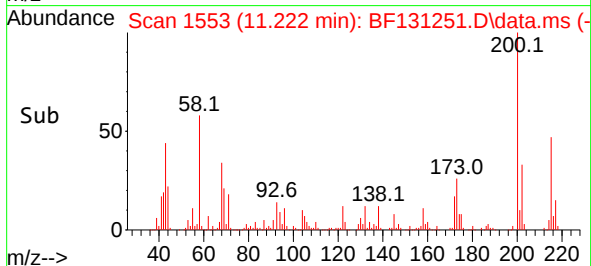
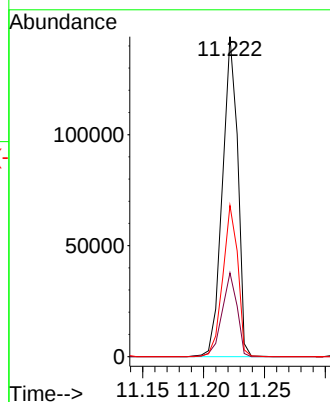
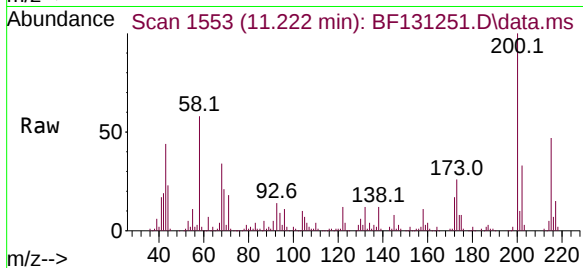
215 47.2 26.5 66.5

Manual Integrations

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Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#70

Pentachlorophenol

Concen: 71.135 ng

RT: 11.328 min Scan# 1571

Delta R.T. 0.006 min

Lab File: BF131251.D

Acq: 16 Nov 2022 01:14

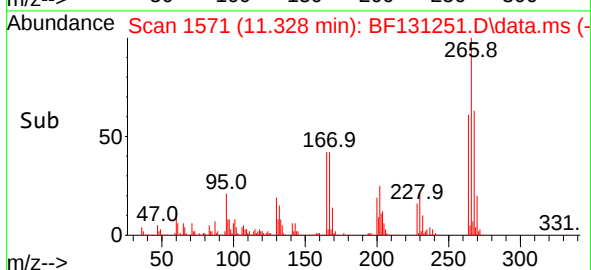
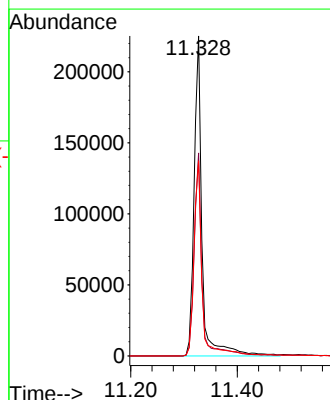
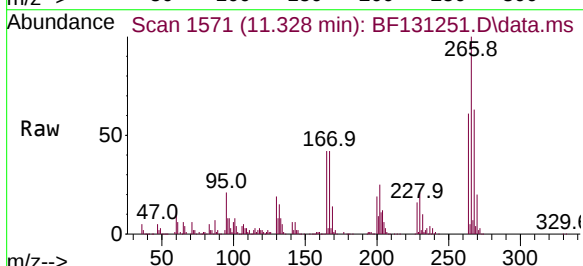
Tgt Ion:266 Resp: 231888

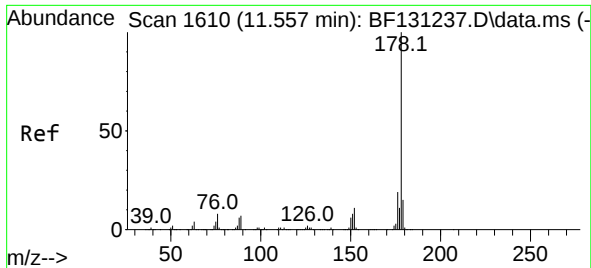
Ion Ratio Lower Upper

266 100

268 63.4 50.5 75.7

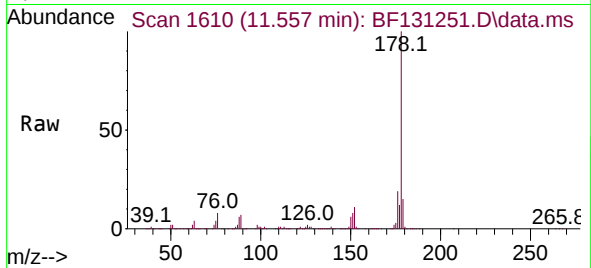
264 61.0 50.4 75.6





#71
Phenanthrene
Concen: 32.979 ng
RT: 11.557 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

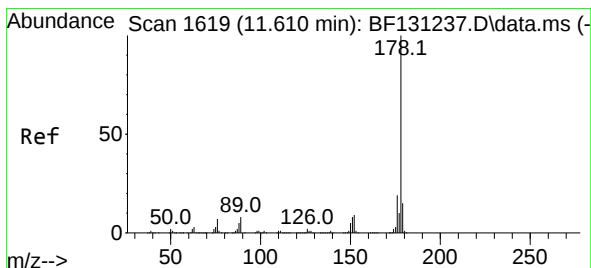
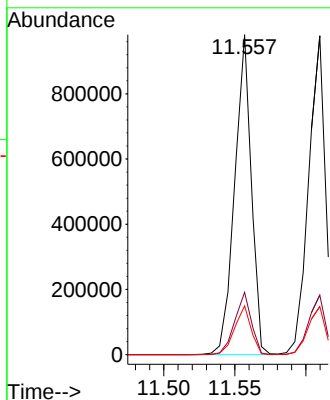
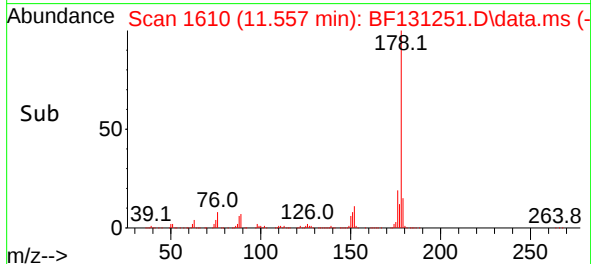
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



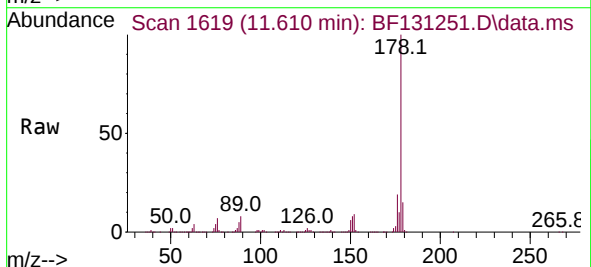
Tgt Ion:178 Resp: 798855
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.2 12.1 18.1

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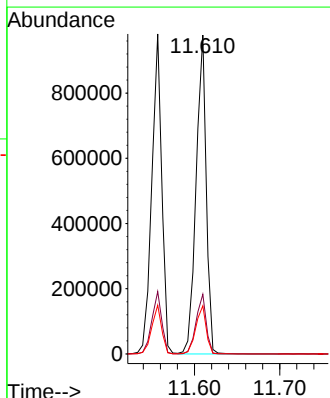
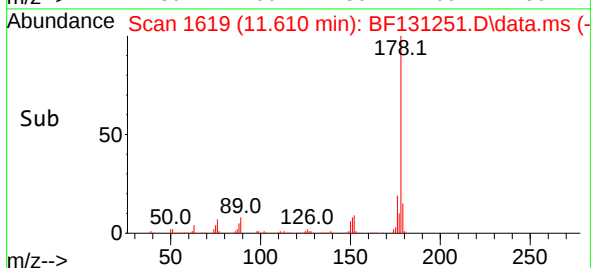
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

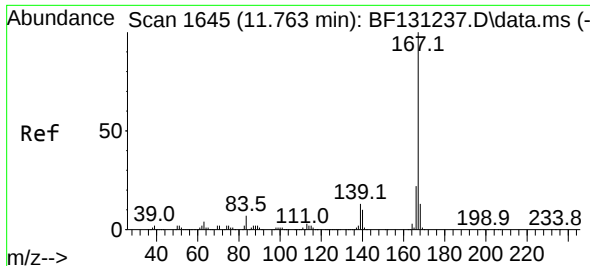


#72
Anthracene
Concen: 34.117 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



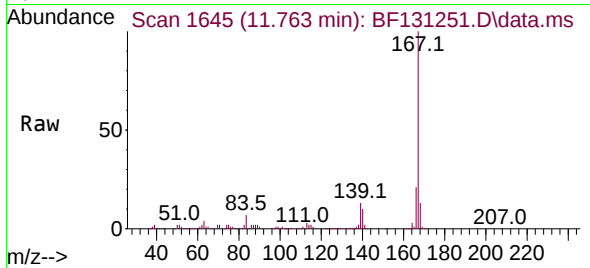
Tgt Ion:178 Resp: 807288
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.1 12.2 18.2





#73
 Carbazole
 Concen: 34.309 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. 0.000 min
 Lab File: BF131251.D
 Acq: 16 Nov 2022 01:14

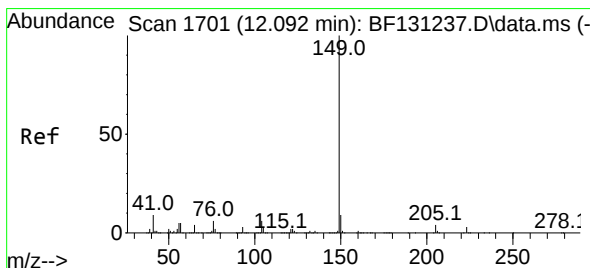
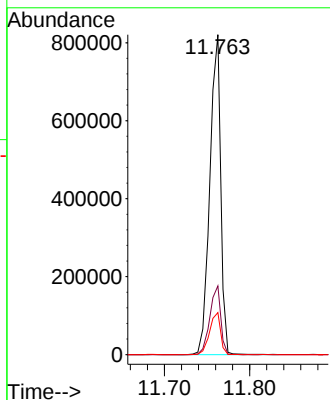
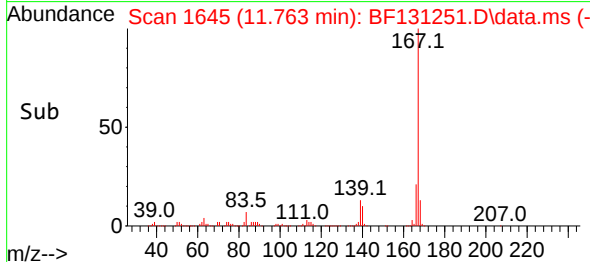
Instrument :
 BNA_F
 ClientSampleId :
 PB148855BSD



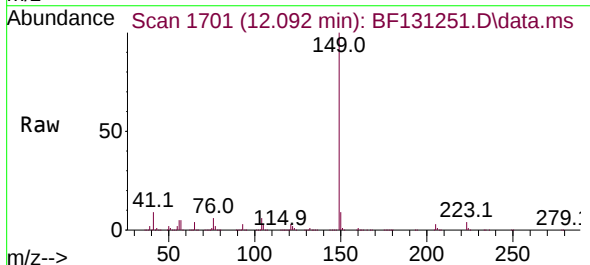
Tgt Ion:167 Resp: 726699
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.1 10.3 15.5

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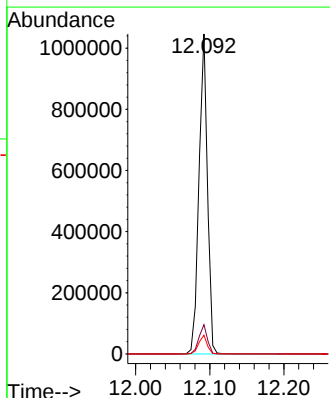
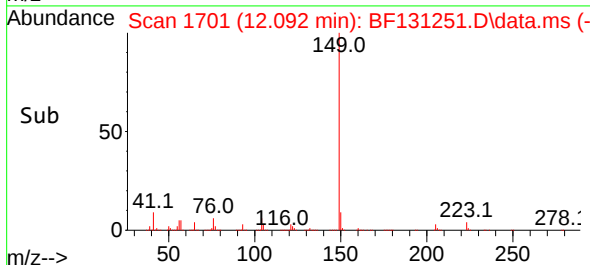
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022

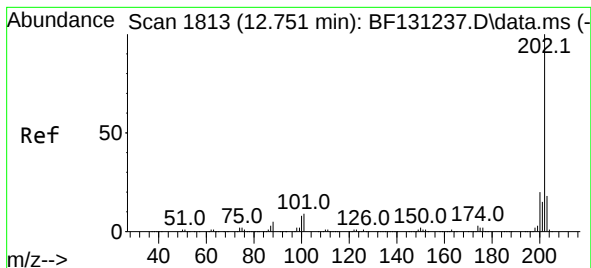


#74
 Di-n-butylphthalate
 Concen: 33.757 ng
 RT: 12.092 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: BF131251.D
 Acq: 16 Nov 2022 01:14



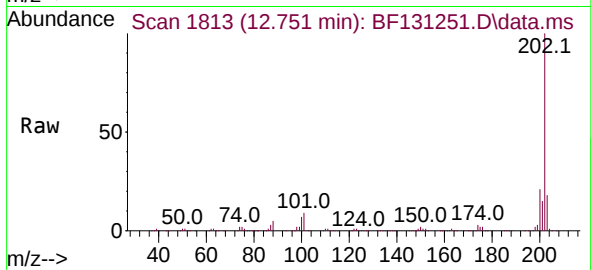
Tgt Ion:149 Resp: 832128
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.8 4.5 6.7





#75
Fluoranthene
Concen: 33.514 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

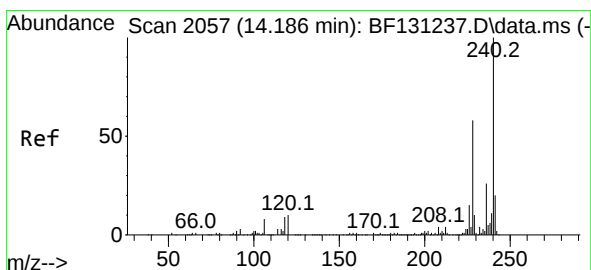
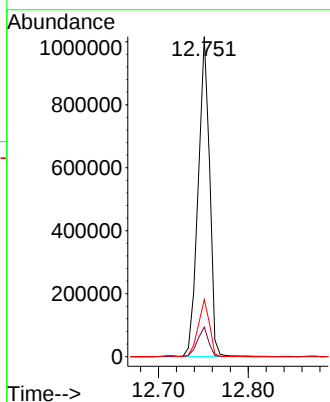
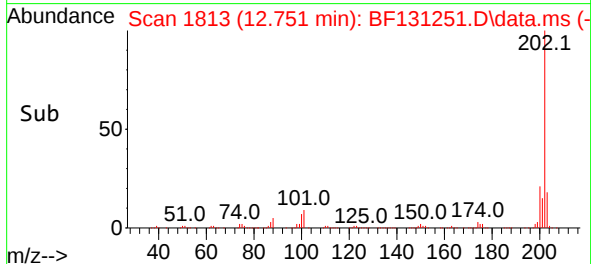
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



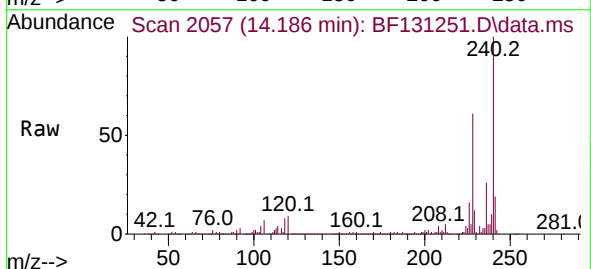
Tgt Ion:202 Resp: 895320
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.4
203 17.8 0.0 37.7

Manual Integrations
APPROVED

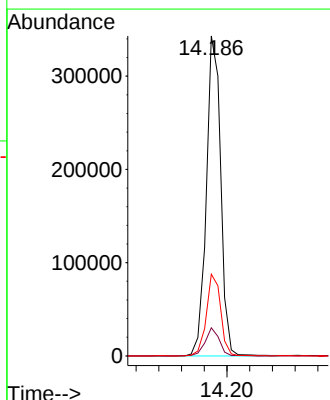
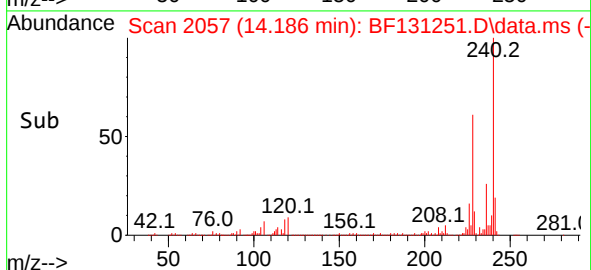
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

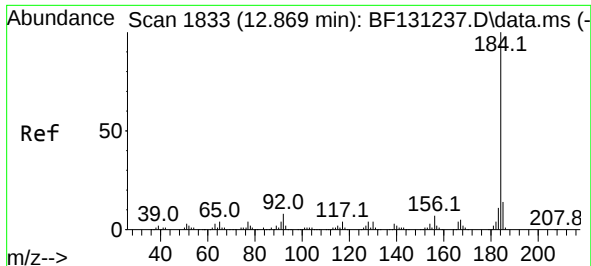


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



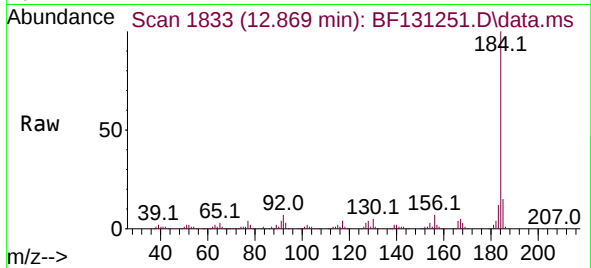
Tgt Ion:240 Resp: 301853
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 25.5 20.6 31.0





#77
Benzidine
Concen: 38.856 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

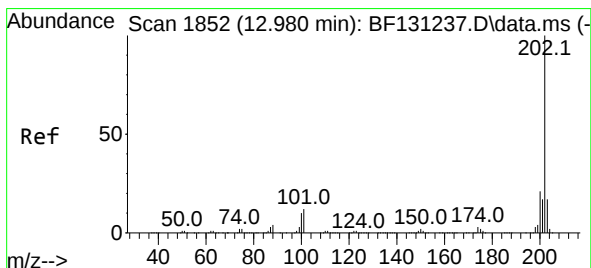
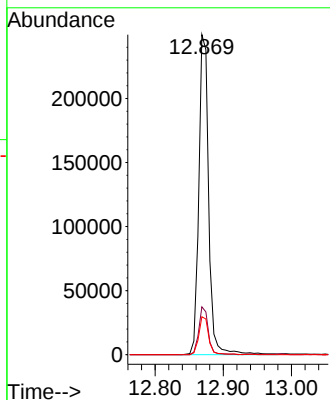
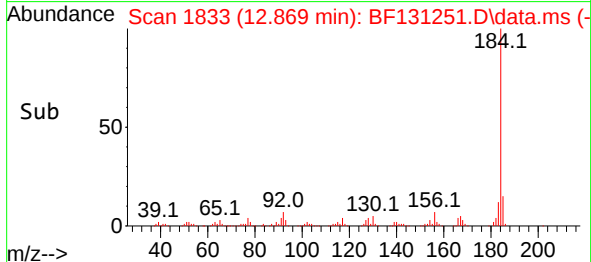
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



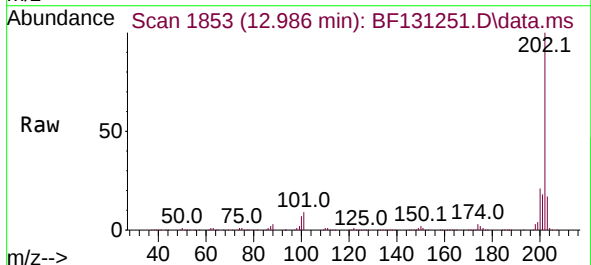
Tgt Ion:184 Resp: 251343
Ion Ratio Lower Upper
184 100
185 14.9 11.4 17.2
183 11.8 9.0 13.4

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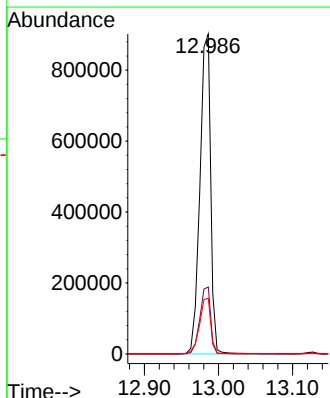
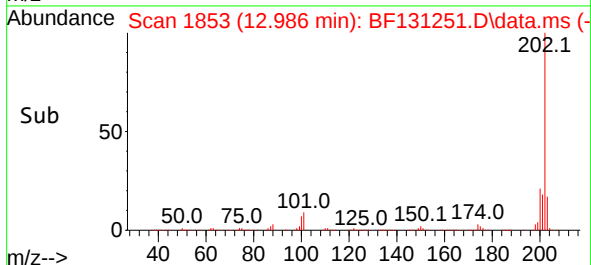
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

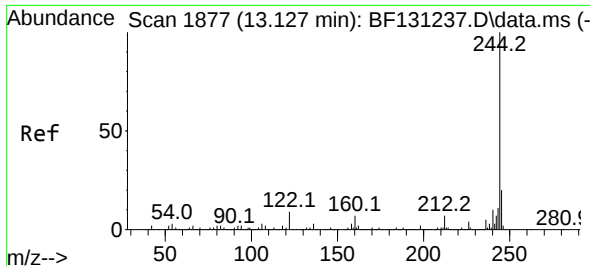


#78
Pyrene
Concen: 34.886 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



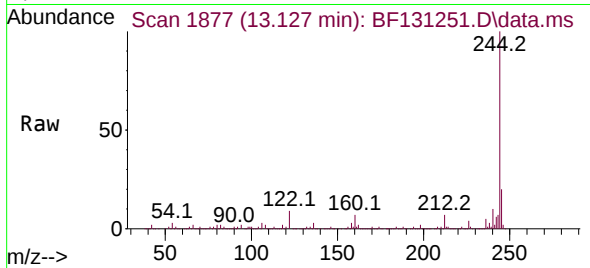
Tgt Ion:202 Resp: 907757
Ion Ratio Lower Upper
202 100
200 20.9 16.4 24.6
203 17.4 14.0 21.0





#79
 Terphenyl-d14
 Concen: 73.457 ng
 RT: 13.127 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: BF131251.D
 Acq: 16 Nov 2022 01:14

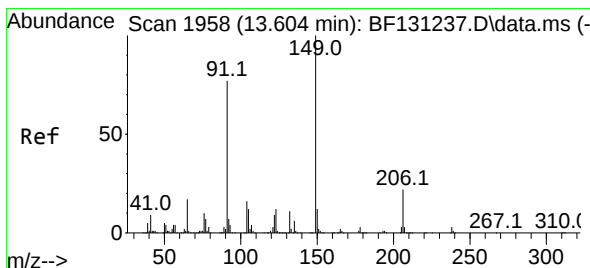
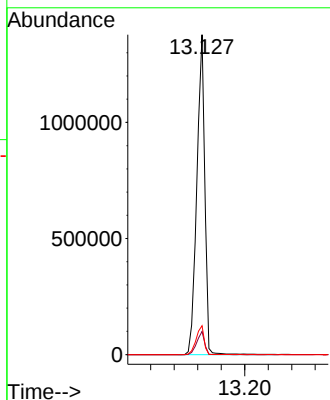
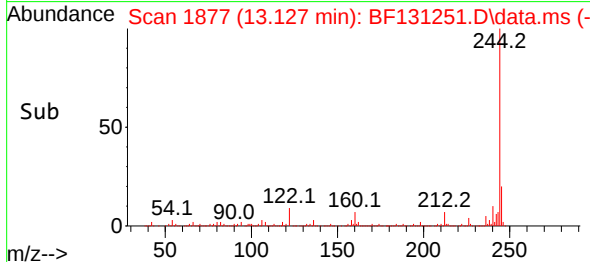
Instrument :
 BNA_F
 ClientSampleId :
 PB148855BSD



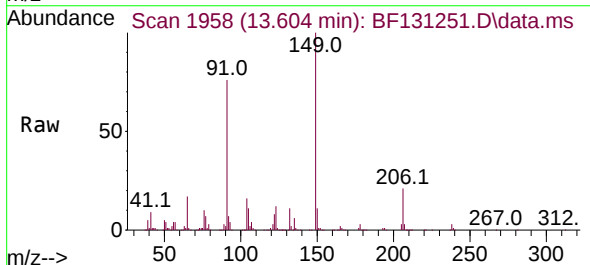
Tgt Ion:244 Resp: 1291182
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.0 7.4 11.2

Manual Integrations
 APPROVED

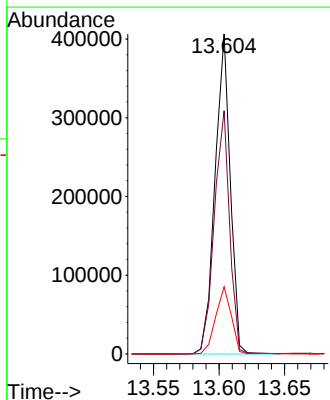
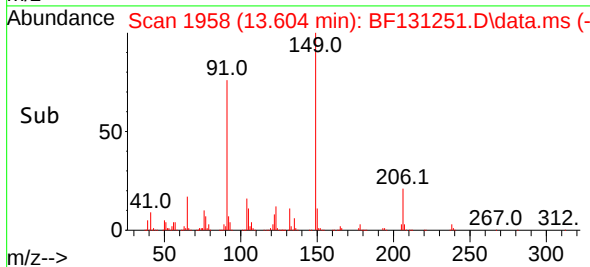
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022

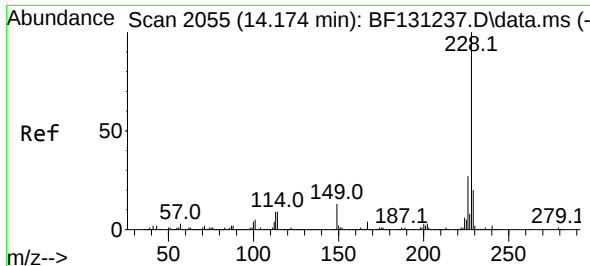


#80
 Butylbenzylphthalate
 Concen: 37.425 ng
 RT: 13.604 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: BF131251.D
 Acq: 16 Nov 2022 01:14



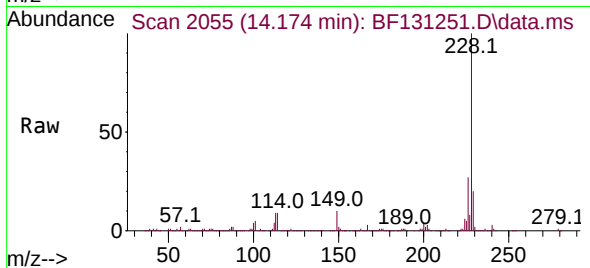
Tgt Ion:149 Resp: 330023
 Ion Ratio Lower Upper
 149 100
 91 76.0 61.5 92.3
 206 21.0 17.4 26.2





#81
Benzo(a)anthracene
Concen: 33.639 ng
RT: 14.174 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

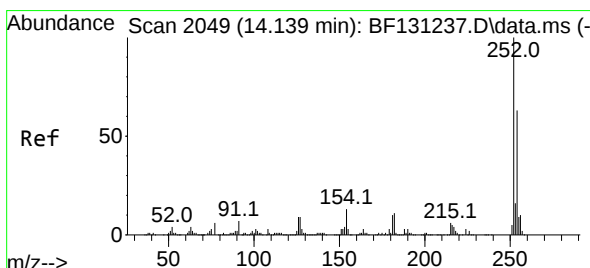
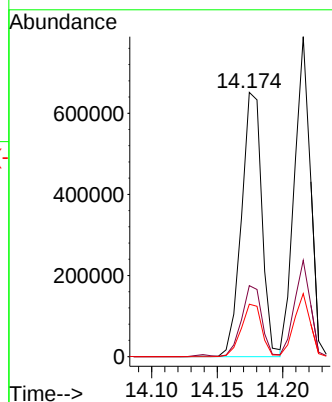
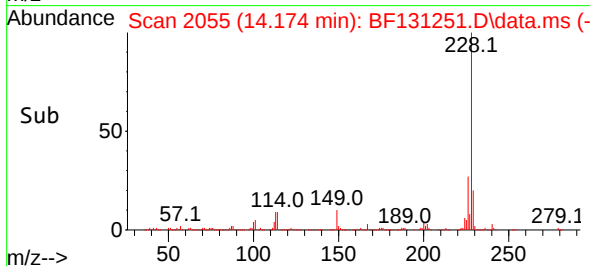
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



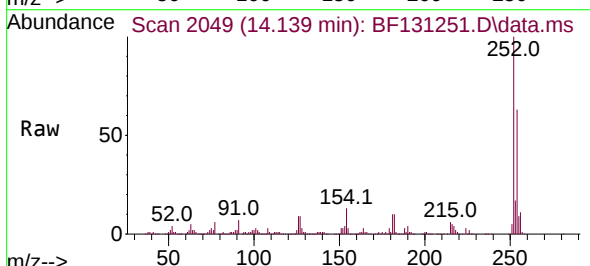
Tgt Ion:228 Resp: 705681
Ion Ratio Lower Upper
228 100
226 26.8 21.3 31.9
229 19.8 15.8 23.6

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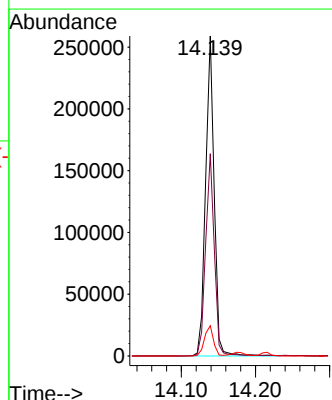
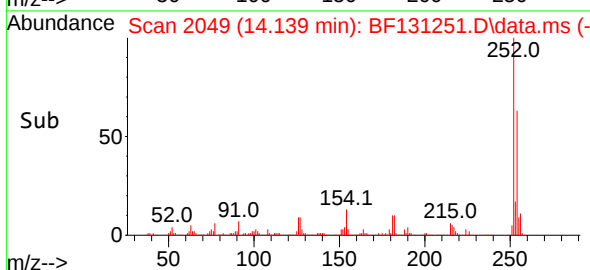
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

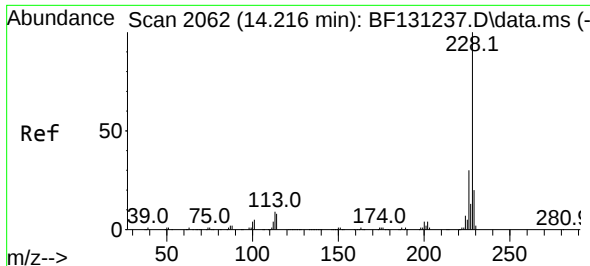


#82
3,3'-Dichlorobenzidine
Concen: 33.914 ng
RT: 14.139 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



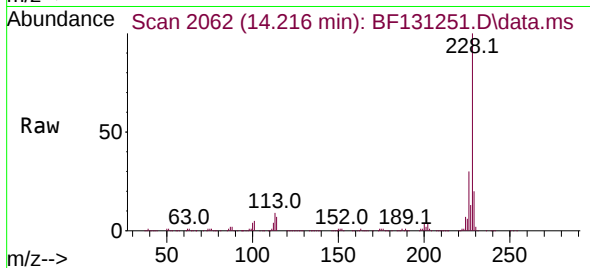
Tgt Ion:252 Resp: 208178
Ion Ratio Lower Upper
252 100
254 63.2 50.2 75.4
126 9.4 7.4 11.2





#83
Chrysene
Concen: 33.012 ng
RT: 14.216 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

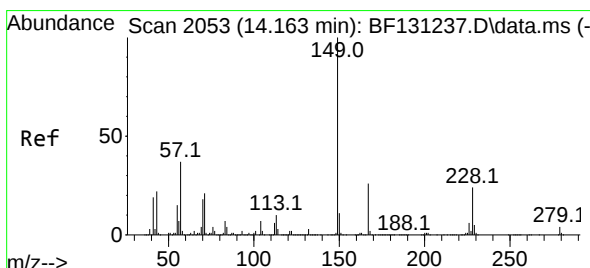
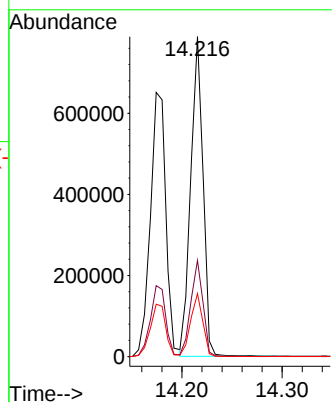
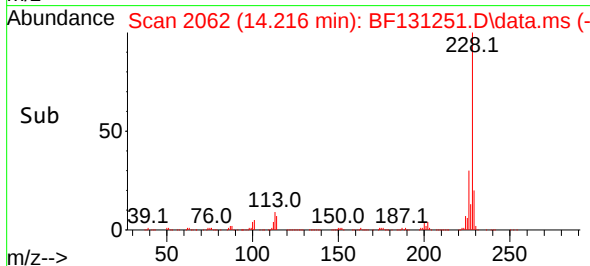
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



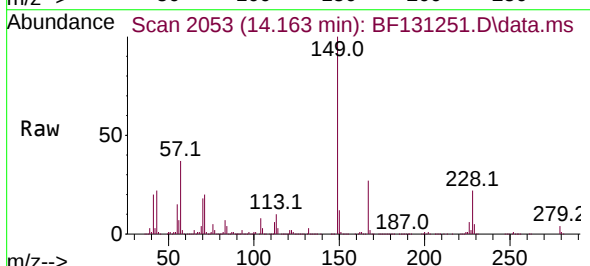
Tgt Ion:228 Resp: 674663
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 19.7 15.9 23.9

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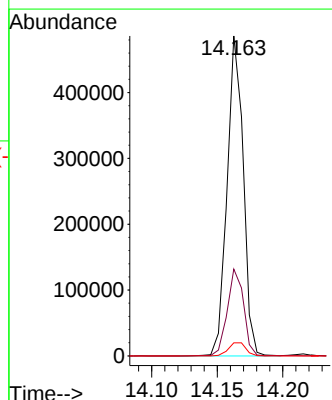
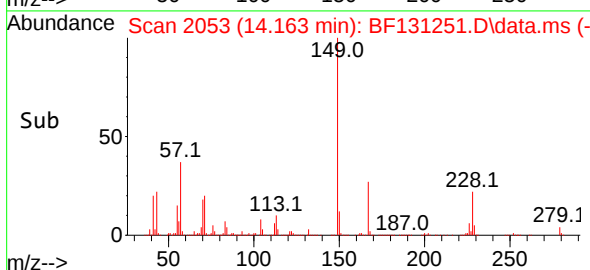
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

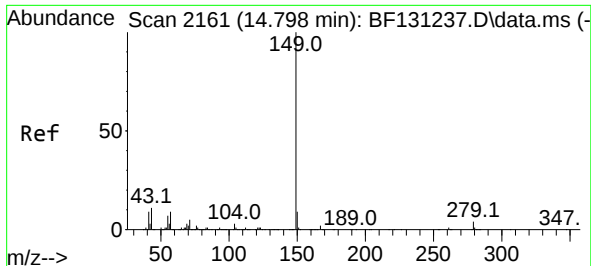


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.584 ng
RT: 14.163 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



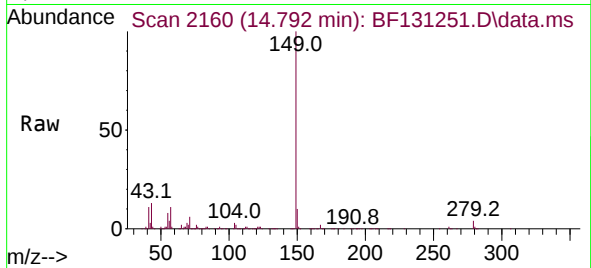
Tgt Ion:149 Resp: 416827
Ion Ratio Lower Upper
149 100
167 27.1 20.9 31.3
279 4.1 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 38.069 ng
RT: 14.792 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

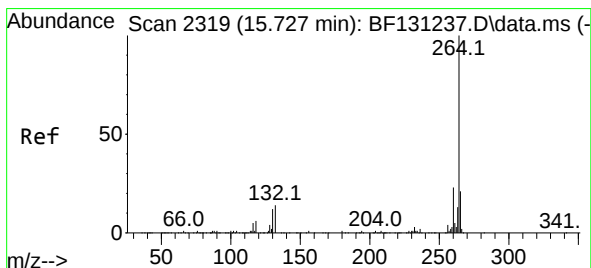
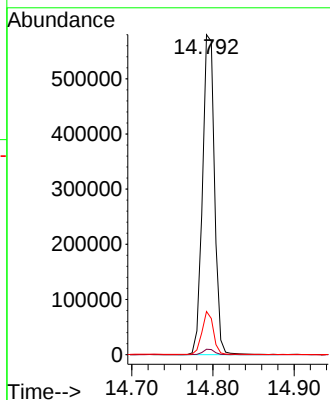
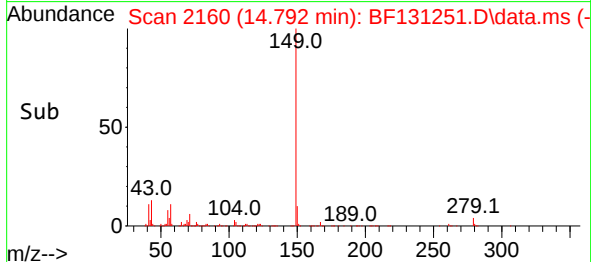
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



Tgt Ion:149 Resp: 596630
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.8 10.1 15.1

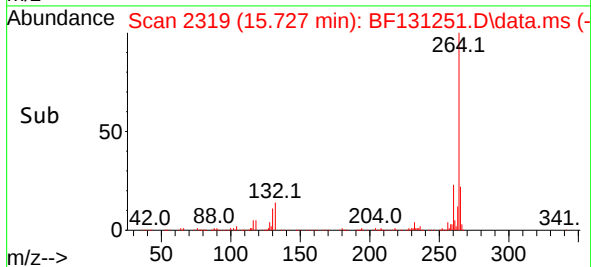
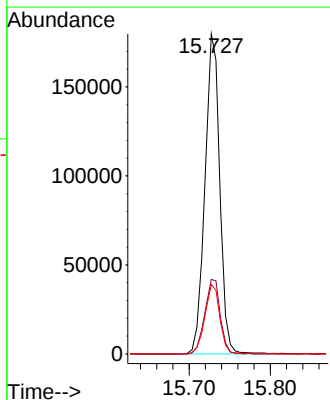
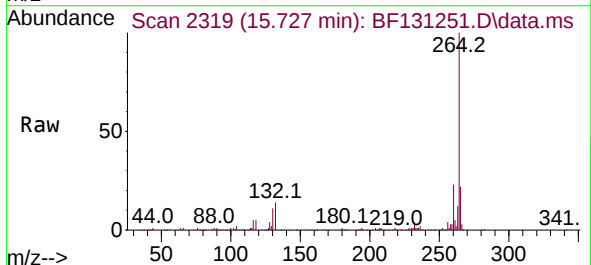
Manual Integrations
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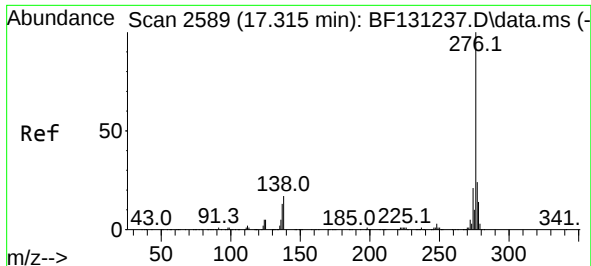
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.727 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

Tgt Ion:264 Resp: 227951
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.7 16.6 24.8





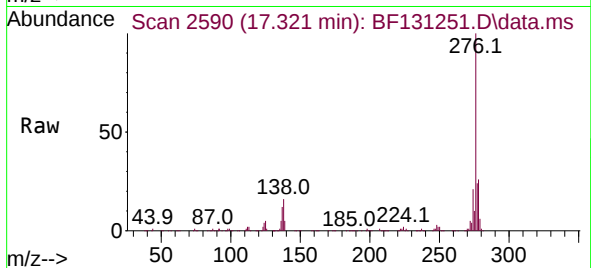
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.417 ng
RT: 17.321 min Scan# 2589
Delta R.T. 0.006 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

Instrument :

BNA_F

ClientSampleId :

PB148855BSD

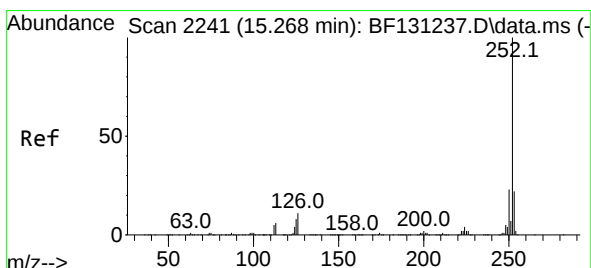
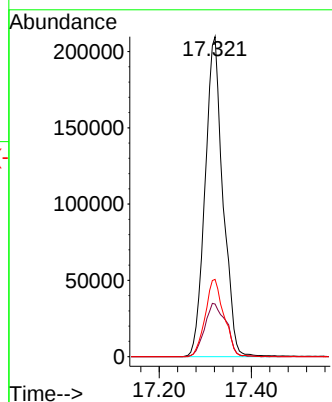
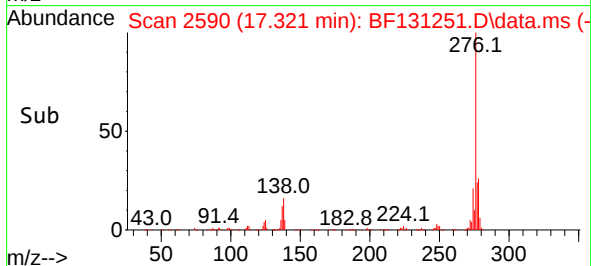


Tgt Ion:276 Resp: 563473
Ion Ratio Lower Upper
276 100
138 20.1 16.6 24.8
277 25.4 20.2 30.2

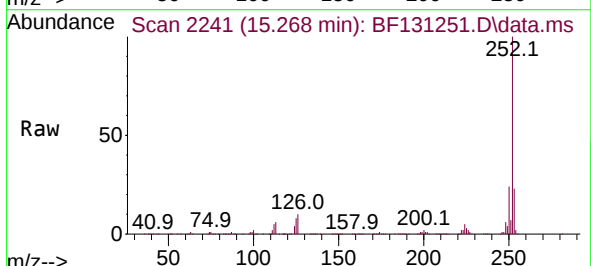
Manual Integrations

APPROVED

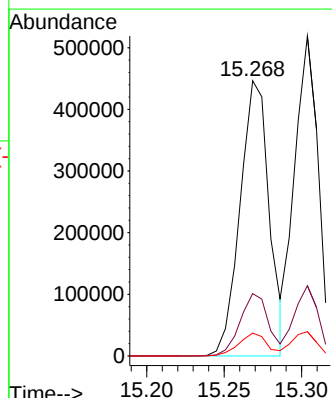
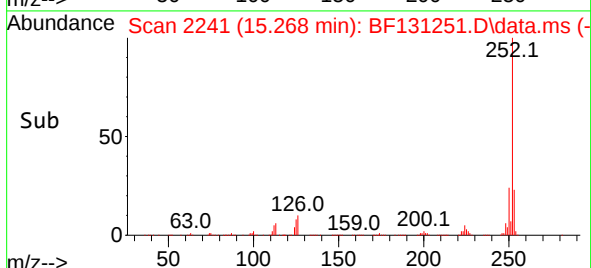
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

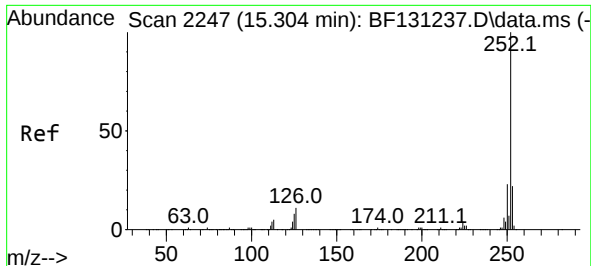


#88
Benzo(b)fluoranthene
Concen: 36.804 ng
RT: 15.268 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



Tgt Ion:252 Resp: 585747
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 8.3 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 35.307 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BF131251.D

Acq: 16 Nov 2022 01:14

Instrument :

BNA_F

ClientSampleId :

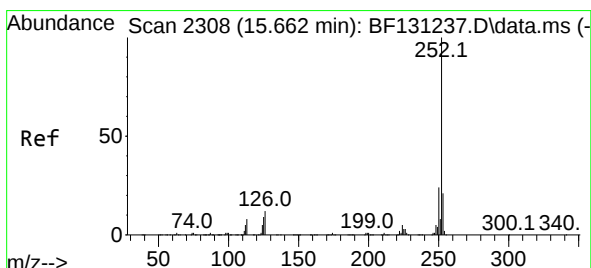
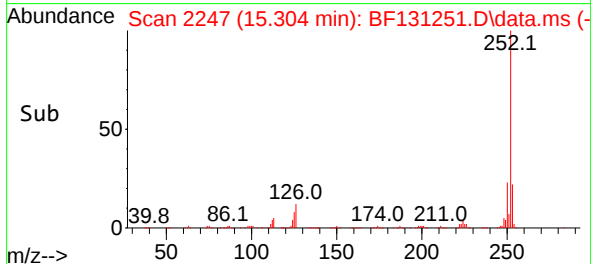
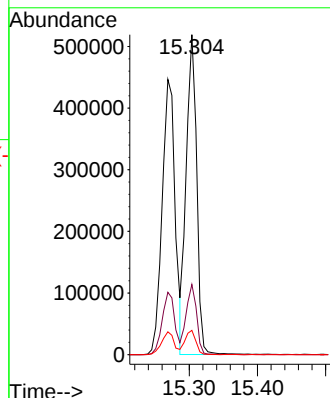
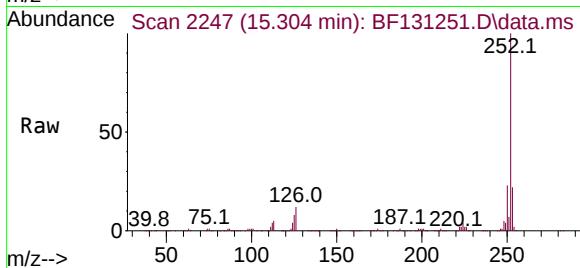
PB148855BSD

Tgt Ion:252 Resp: 557050
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 7.6 6.6 9.8

Manual Integrations

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



#90

Benzo(a)pyrene

Concen: 38.629 ng

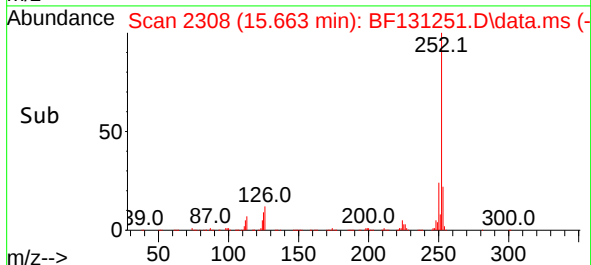
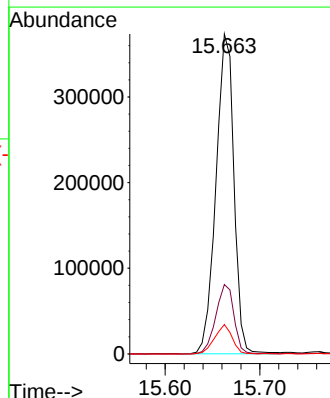
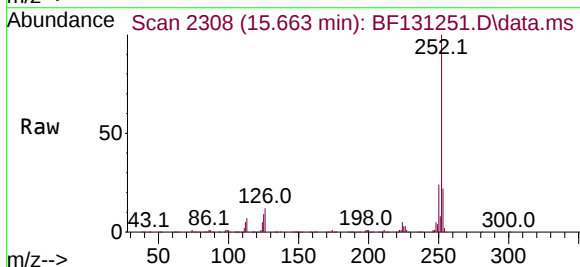
RT: 15.663 min Scan# 2308

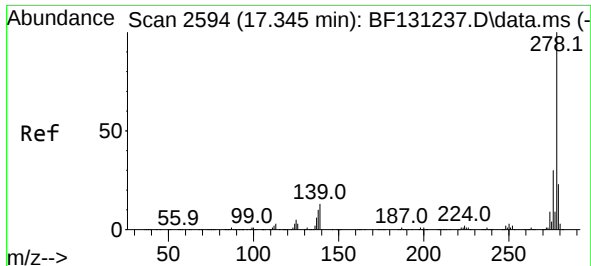
Delta R.T. 0.000 min

Lab File: BF131251.D

Acq: 16 Nov 2022 01:14

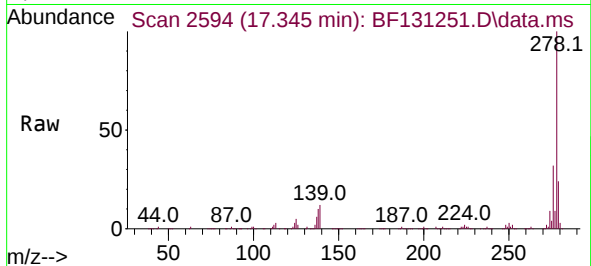
Tgt Ion:252 Resp: 491451
 Ion Ratio Lower Upper
 252 100
 253 21.7 16.9 25.3
 125 9.2 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 38.432 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.000 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14

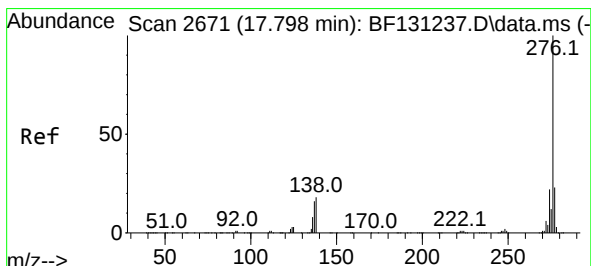
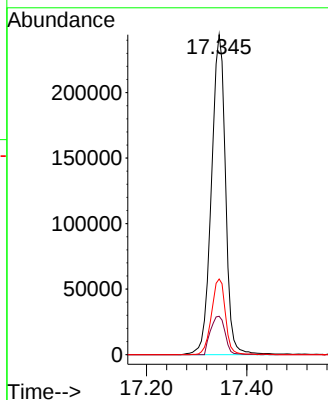
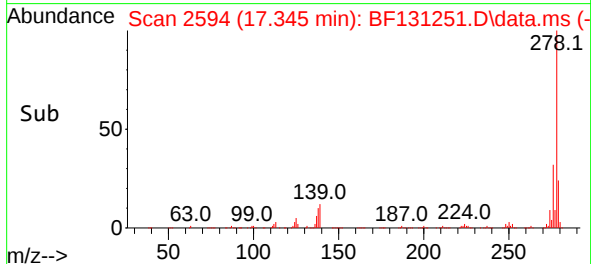
Instrument :
BNA_F
ClientSampleId :
PB148855BSD



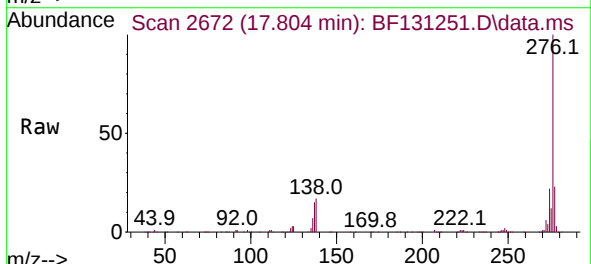
Tgt Ion:278 Resp: 474831
Ion Ratio Lower Upper
278 100
139 12.0 10.1 15.1
279 23.6 18.2 27.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 34.771 ng
RT: 17.804 min Scan# 2672
Delta R.T. 0.006 min
Lab File: BF131251.D
Acq: 16 Nov 2022 01:14



Tgt Ion:276 Resp: 466256
Ion Ratio Lower Upper
276 100
277 23.5 18.6 27.8
138 17.2 14.5 21.7

