

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
 Data File : BF131252.D
 Acq On : 16 Nov 2022 01:44
 Operator : CG\JU
 Sample : PB148901BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148901BS

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 07:07:35 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	101811	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	372109	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	213811	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	387952	20.000	ng	0.00
76) Chrysene-d12	14.186	240	277425	20.000	ng	0.00
86) Perylene-d12	15.727	264	225311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	771267	134.143	ng	0.02
7) Phenol-d6	6.592	99	967244	132.822	ng	0.00
23) Nitrobenzene-d5	7.545	82	627073	94.589	ng	0.00
42) 2,4,6-Tribromophenol	10.833	330	281173	137.672	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1182247	80.918	ng	0.00
79) Terphenyl-d14	13.127	244	1455135	90.073	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.893	88	94254	35.781	ng	99
3) Pyridine	3.634	79	256531	34.455	ng	99
4) n-Nitrosodimethylamine	3.604	42	189056	43.564	ng	97
6) Aniline	6.640	93	258371m	28.286	ng	
8) 2-Chlorophenol	6.757	128	289745	44.830	ng	97
9) Benzaldehyde	6.522	77	58490	11.073	ng	96
10) Phenol	6.610	94	346311	42.510	ng	98
11) bis(2-Chloroethyl)ether	6.710	93	272744	42.759	ng	99
12) 1,3-Dichlorobenzene	6.916	146	303992	41.575	ng	99
13) 1,4-Dichlorobenzene	6.992	146	308992	41.785	ng	99
14) 1,2-Dichlorobenzene	7.145	146	294178	43.042	ng	99
15) Benzyl Alcohol	7.116	79	251645m	39.782	ng	
16) 2,2'-oxybis(1-Chloropr...	7.251	45	512467	42.654	ng	99
17) 2-Methylphenol	7.222	107	238800	43.279	ng	99
18) Hexachloroethane	7.492	117	118004	43.895	ng	98
19) n-Nitroso-di-n-propyla...	7.392	70	212934	41.962	ng	99
20) 3+4-Methylphenols	7.375	107	304387	42.648	ng	91
22) Acetophenone	7.387	105	409991	42.268	ng	99
24) Nitrobenzene	7.563	77	324852	45.391	ng	99
25) Isophorone	7.804	82	581550	43.910	ng	100
26) 2-Nitrophenol	7.881	139	133975	46.830	ng	95
27) 2,4-Dimethylphenol	7.910	122	270610	49.919	ng	99
28) bis(2-Chloroethoxy)met...	8.010	93	333139	44.615	ng	99
29) 2,4-Dichlorophenol	8.116	162	244539	41.713	ng	97
30) 1,2,4-Trichlorobenzene	8.204	180	276824	40.275	ng	99
31) Naphthalene	8.292	128	805297	39.945	ng	99
32) Benzoic acid	8.034	122	173879m	44.865	ng	
33) 4-Chloroaniline	8.334	127	109641	13.815	ng	94
34) Hexachlorobutadiene	8.404	225	177817	40.875	ng	99
35) Caprolactam	8.710	113	76967m	44.426	ng	
36) 4-Chloro-3-methylphenol	8.816	107	270767	43.878	ng	96
37) 2-Methylnaphthalene	8.986	142	543143	40.452	ng	100
38) 1-Methylnaphthalene	9.086	142	508670	39.070	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	278111	40.398	ng	99
41) Hexachlorocyclopentadiene	9.133	237	364264	103.237	ng	99
43) 2,4,6-Trichlorophenol	9.257	196	174302	38.727	ng	99

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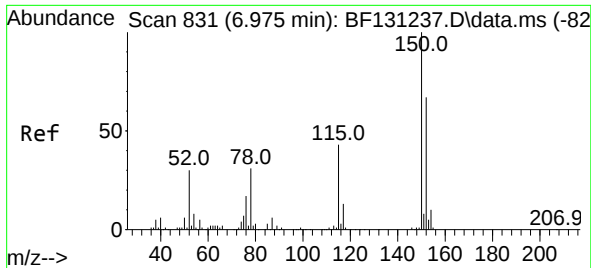
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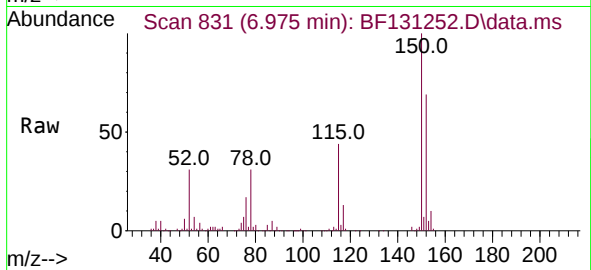
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	207429	42.947	ng	98
46) 1,1'-Biphenyl	9.451	154	674224	41.020	ng	99
47) 2-Chloronaphthalene	9.481	162	529532	39.769	ng	97
48) 2-Nitroaniline	9.569	65	189336	44.625	ng	94
49) Acenaphthylene	9.898	152	813255	39.998	ng	99
50) Dimethylphthalate	9.757	163	619111	40.437	ng	100
51) 2,6-Dinitrotoluene	9.816	165	132230	44.275	ng	90
52) Acenaphthene	10.069	154	561732	44.260	ng	98
53) 3-Nitroaniline	9.980	138	75041	24.798	ng	85
54) 2,4-Dinitrophenol	10.092	184	120361	85.972	ng	92
55) Dibenzofuran	10.245	168	723255	39.775	ng	97
56) 4-Nitrophenol	10.139	139	196418	81.537	ng	92
57) 2,4-Dinitrotoluene	10.222	165	169159	45.602	ng	96
58) Fluorene	10.586	166	570565	39.875	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.357	232	172359	42.125	ng	99
60) Diethylphthalate	10.457	149	593858	41.034	ng	99
61) 4-Chlorophenyl-phenylether	10.580	204	290746	41.094	ng	94
62) 4-Nitroaniline	10.610	138	128613	41.014	ng	97
63) Azobenzene	10.739	77	610162	40.268	ng	99
65) 4,6-Dinitro-2-methylph...	10.628	198	70405	41.620	ng	83
66) n-Nitrosodiphenylamine	10.698	169	502818	40.795	ng	100
67) 4-Bromophenyl-phenylether	11.069	248	193092	42.390	ng	98
68) Hexachlorobenzene	11.133	284	204764	41.480	ng	99
69) Atrazine	11.227	200	175146	43.352	ng	99
70) Pentachlorophenol	11.327	266	239699m	83.191	ng	
71) Phenanthrene	11.557	178	860324	40.182	ng	99
72) Anthracene	11.610	178	875782	41.873	ng	99
73) Carbazole	11.763	167	780852	41.708	ng	99
74) Di-n-butylphthalate	12.092	149	906182	41.590	ng	100
75) Fluoranthene	12.751	202	973922	41.245	ng	100
77) Benzidine	12.869	184	208114	35.006	ng	98
78) Pyrene	12.986	202	987509	41.293	ng	99
80) Butylbenzylphthalate	13.604	149	373158	46.042	ng	98
81) Benzo(a)anthracene	14.180	228	797289	41.352	ng	99
82) 3,3'-Dichlorobenzidine	14.139	252	182871	32.414	ng	99
83) Chrysene	14.216	228	759662	40.445	ng	100
84) Bis(2-ethylhexyl)phtha...	14.163	149	481404	47.229	ng	100
85) Di-n-octyl phthalate	14.792	149	720525	50.022	ng	100
87) Indeno(1,2,3-cd)pyrene	17.321	276	632631	42.502	ng	99
88) Benzo(b)fluoranthene	15.274	252	665787	42.323	ng	98
89) Benzo(k)fluoranthene	15.304	252	644420	41.323	ng	100
90) Benzo(a)pyrene	15.668	252	562862	44.761	ng	99
91) Dibenzo(a,h)anthracene	17.345	278	536223	43.910	ng	98
92) Benzo(g,h,i)perylene	17.804	276	522126	38.933	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

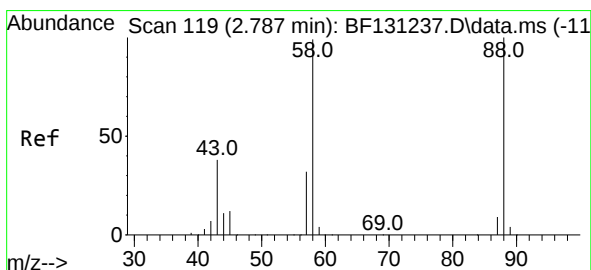
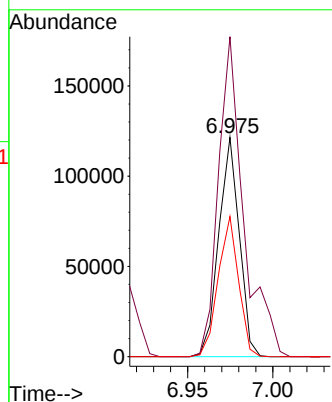
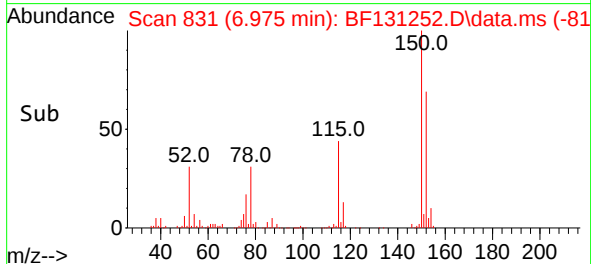
Instrument :
BNA_F
ClientSampleId :
PB148901BS



Tgt Ion:152 Resp: 101811
Ion Ratio Lower Upper
152 100
150 145.9 120.2 180.4
115 63.9 51.8 77.8

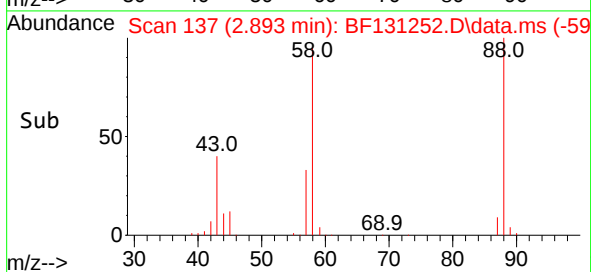
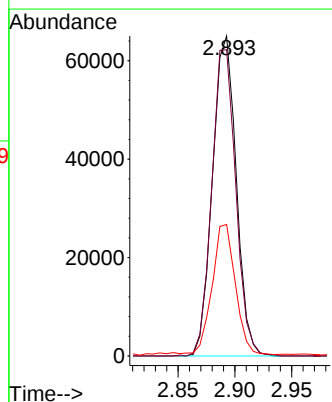
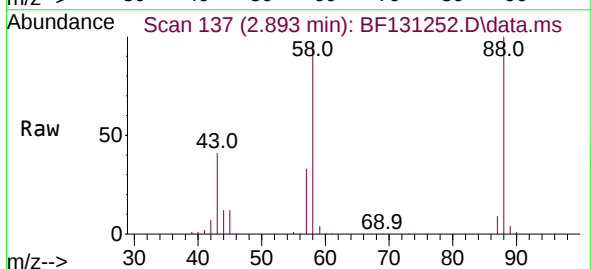
Manual Integrations
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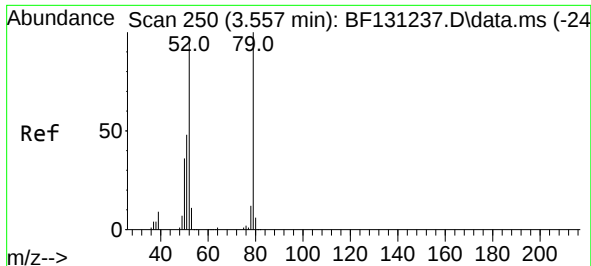
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#2
1,4-Dioxane
Concen: 35.781 ng
RT: 2.893 min Scan# 137
Delta R.T. 0.106 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Tgt Ion: 88 Resp: 94254
Ion Ratio Lower Upper
88 100
58 97.4 77.1 115.7
43 39.7 31.3 46.9





#3

Pyridine

Concen: 34.455 ng

RT: 3.634 min Scan# 20

Delta R.T. 0.076 min

Lab File: BF131252.D

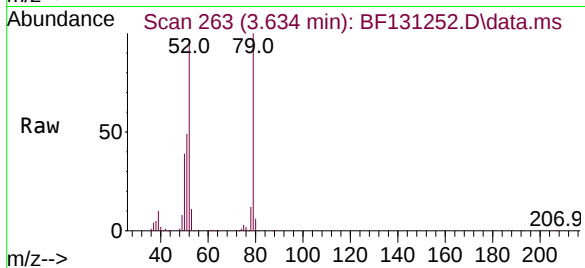
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Instrument :

BNA_F

ClientSampleId :

PB148901BS

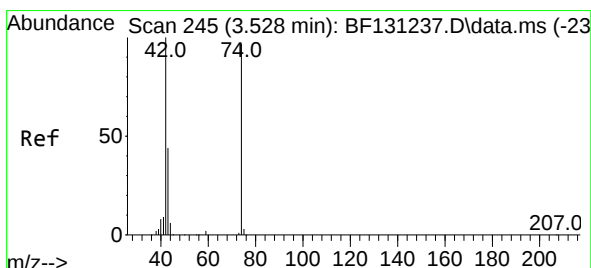
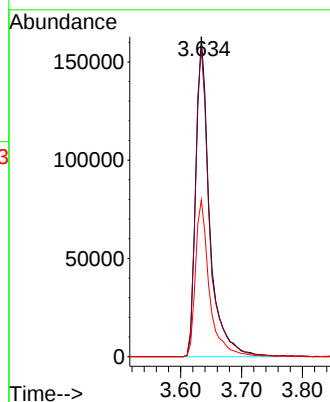
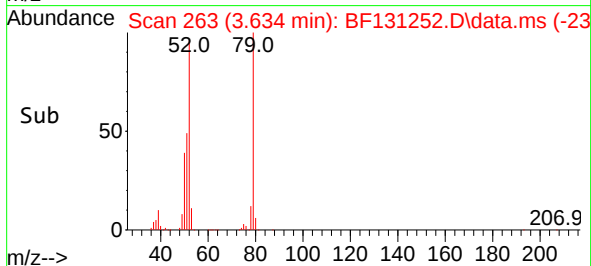


Tgt Ion:	79	Resp:	25653
Ion Ratio	Lower	Upper	
79	100		
52	96.3	77.7	116.5
51	48.9	38.7	58.1

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 43.564 ng

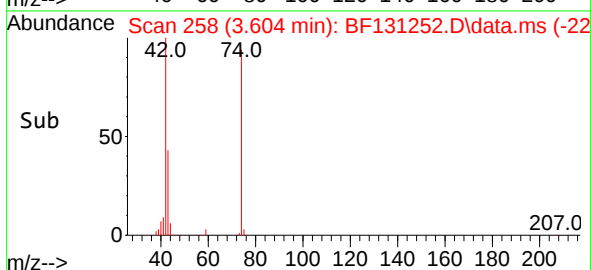
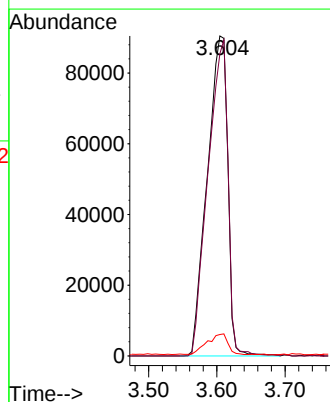
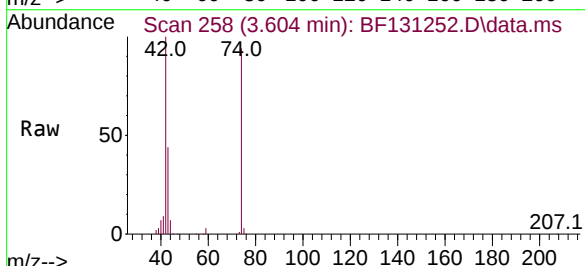
RT: 3.604 min Scan# 258

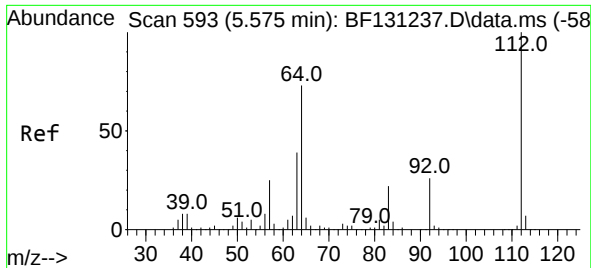
Delta R.T. 0.076 min

Lab File: BF131252.D

Acq: 16 Nov 2022 01:44

Tgt Ion:	42	Resp:	189056
Ion Ratio	Lower	Upper	
42	100		
74	94.4	77.8	116.6
44	6.7	5.9	8.9





#5
2-Fluorophenol
Concen: 134.143 ng
RT: 5.598 min Scan# 593
Delta R.T. 0.023 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

ClientSampleId :

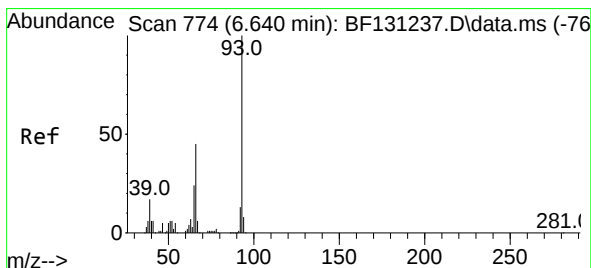
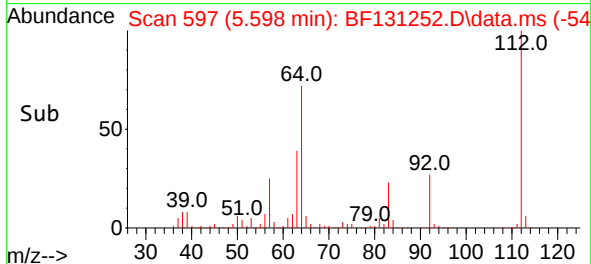
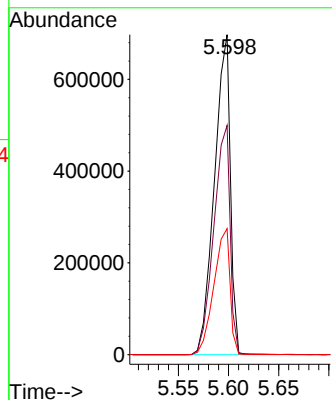
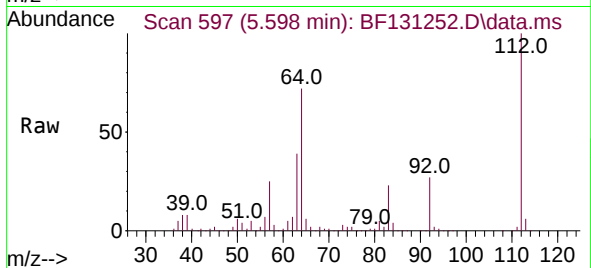
PB148901BS

Tgt Ion:112 Resp: 77126
Ion Ratio Lower Upper
112 100
64 71.6 58.4 87.6
63 39.4 31.6 47.4

Manual Integrations

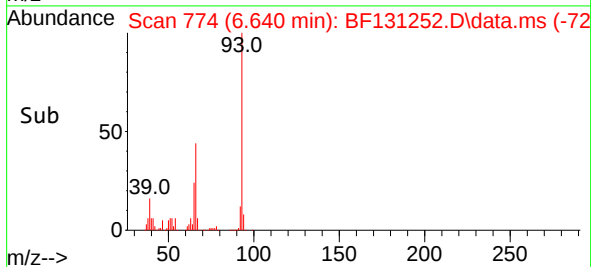
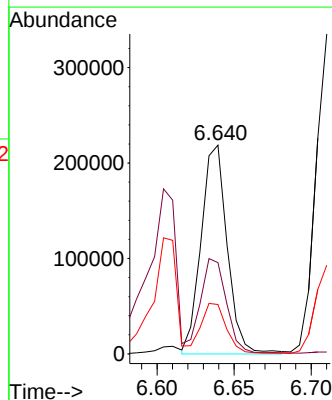
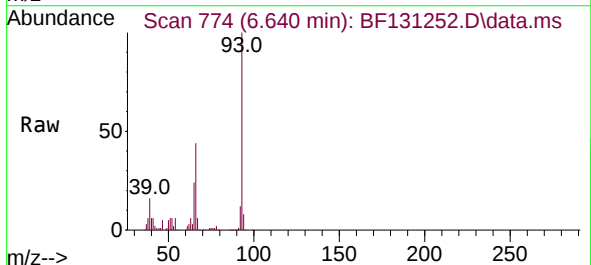
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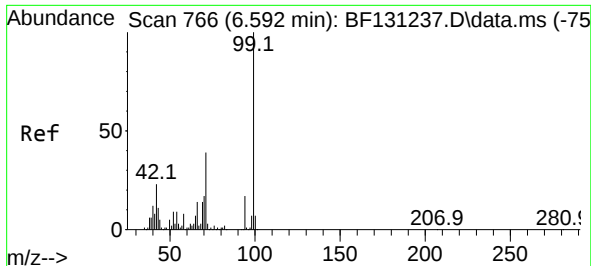
Reviewed By :Christian Giraldo 11/16/2022
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#6
Aniline
Concen: 28.286 ng m
RT: 6.640 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

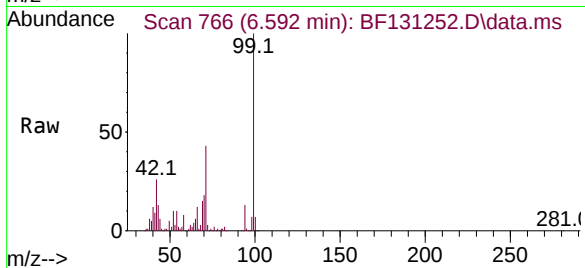
Tgt Ion: 93 Resp: 258371
Ion Ratio Lower Upper
93 100
66 43.7 36.6 55.0
65 23.6 19.3 28.9





#7
Phenol-d6
Concen: 132.822 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

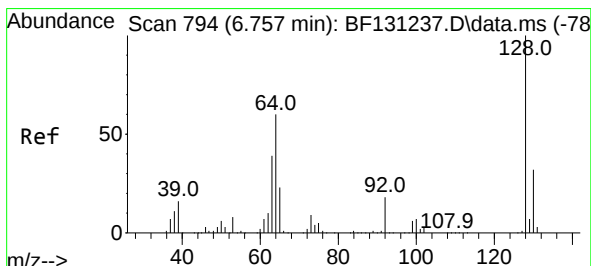
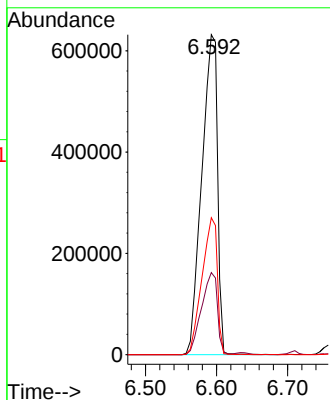
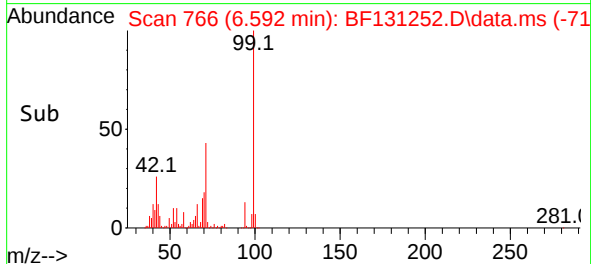
Instrument :
BNA_F
Client Sample Id :
PB148901BS



Tgt Ion: 99 Resp: 967244
Ion Ratio Lower Upper
99 100
42 25.6 18.6 28.0
71 42.8 31.1 46.7

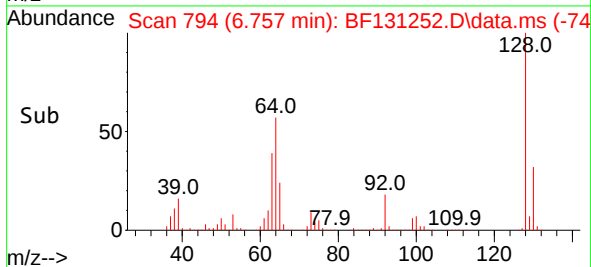
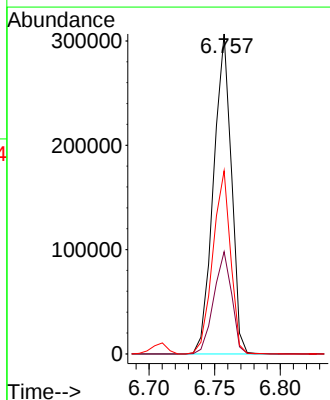
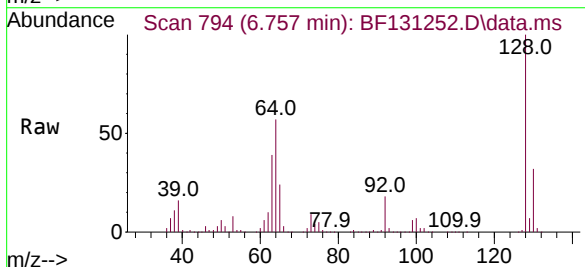
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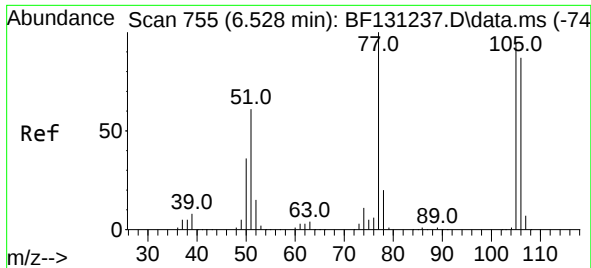
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#8
2-Chlorophenol
Concen: 44.830 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Tgt Ion:128 Resp: 289745
Ion Ratio Lower Upper
128 100
130 31.9 12.2 52.2
64 57.2 40.1 80.1





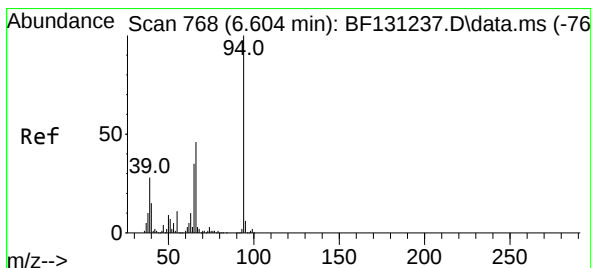
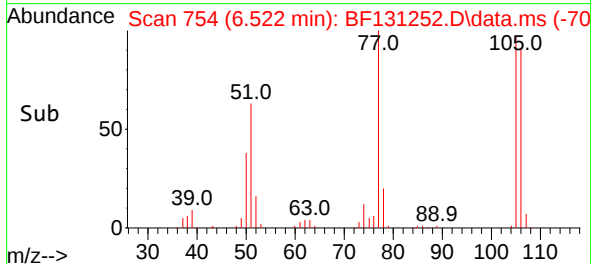
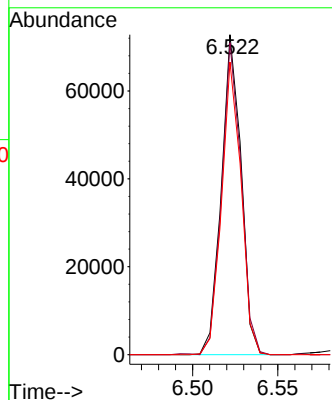
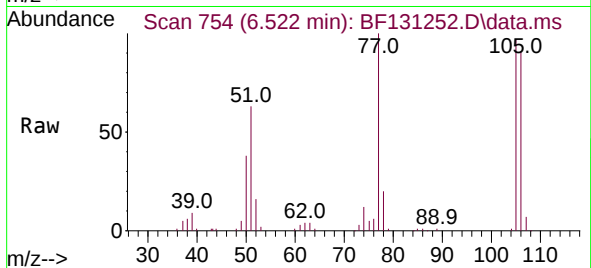
#9
Benzaldehyde
Concen: 11.073 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Instrument :
BNA_F
ClientSampleId :
PB148901BS

Tgt Ion: 77 Resp: 58490
Ion Ratio Lower Upper
77 100
105 97.5 74.8 114.8
106 91.4 67.3 107.3

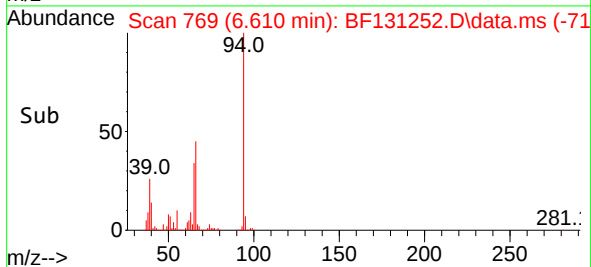
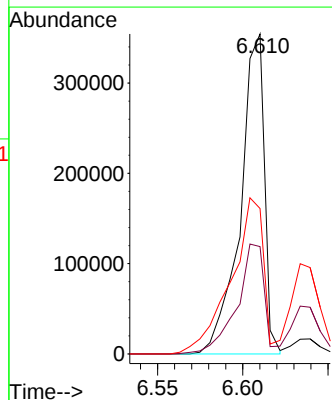
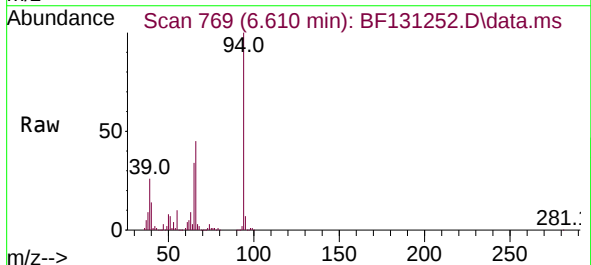
Manual Integrations
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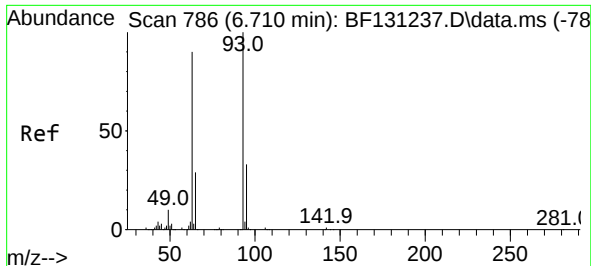
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#10
Phenol
Concen: 42.510 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

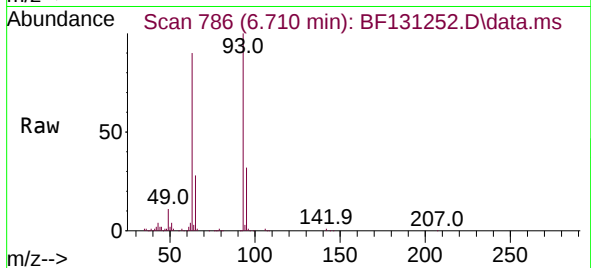
Tgt Ion: 94 Resp: 346311
Ion Ratio Lower Upper
94 100
65 33.5 14.8 54.8
66 45.4 26.5 66.5





#11
bis(2-Chloroethyl)ether
Concen: 42.759 ng
RT: 6.710 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

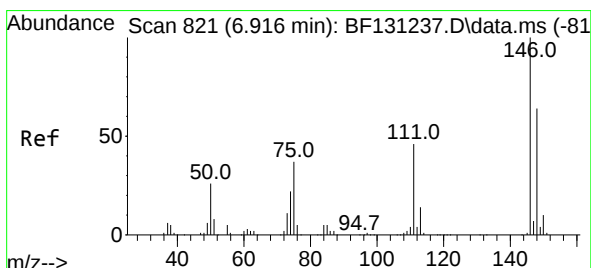
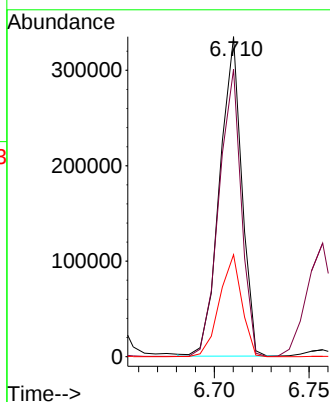
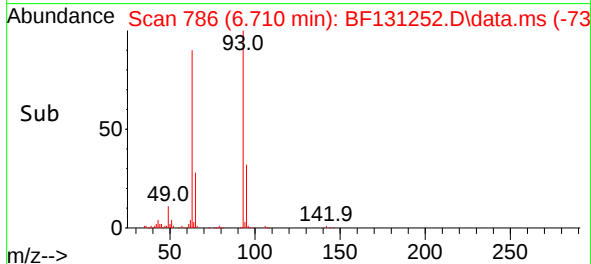
Instrument :
BNA_F
ClientSampleId :
PB148901BS



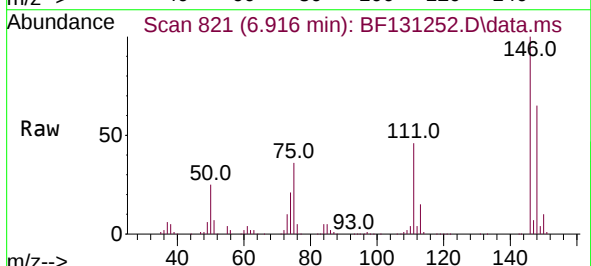
Tgt Ion: 93 Resp: 272744
Ion Ratio Lower Upper
93 100
63 89.8 69.8 109.8
95 31.8 13.4 53.4

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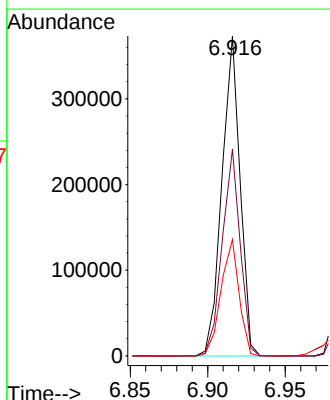
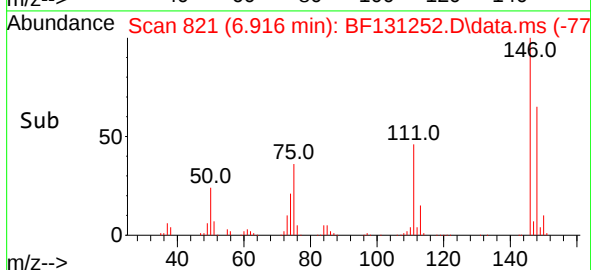
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

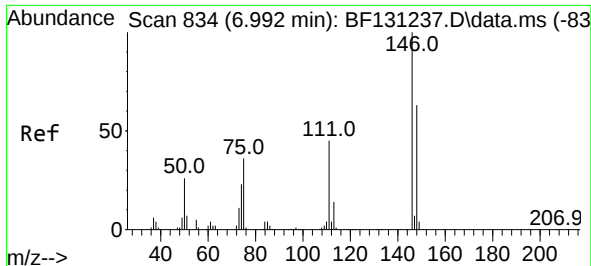


#12
1,3-Dichlorobenzene
Concen: 41.575 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



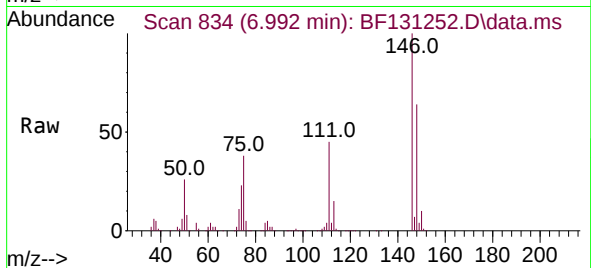
Tgt Ion:146 Resp: 303992
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
75 36.3 29.2 43.8





#13
1,4-Dichlorobenzene
Concen: 41.785 ng
RT: 6.992 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

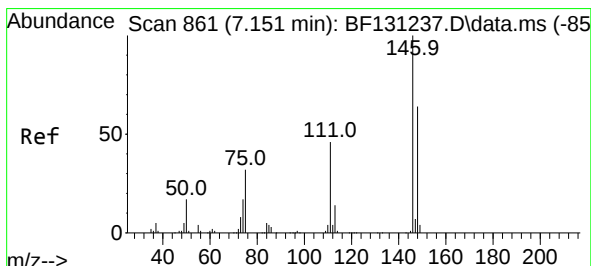
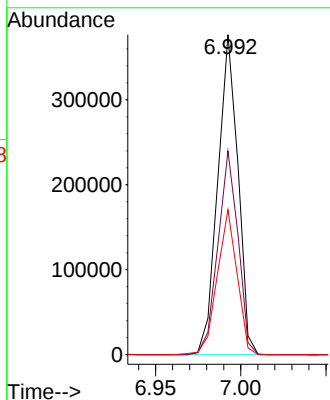
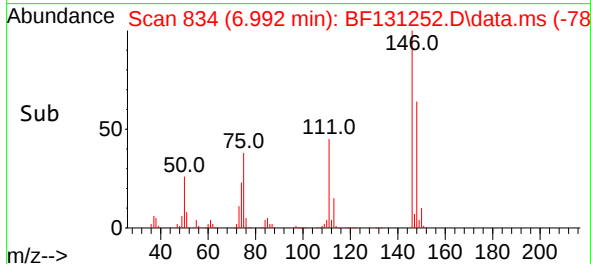
Instrument :
BNA_F
ClientSampleId :
PB148901BS



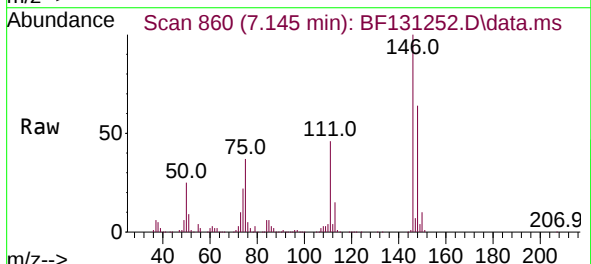
Tgt Ion:146 Resp: 308992
Ion Ratio Lower Upper
146 100
148 63.6 50.1 75.1
111 45.3 36.3 54.5

Manual Integrations
APPROVED

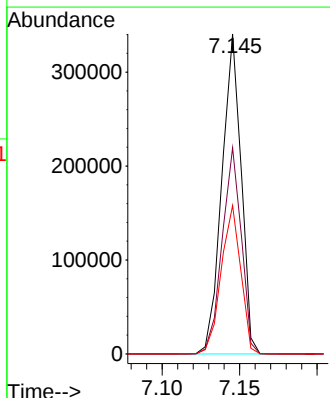
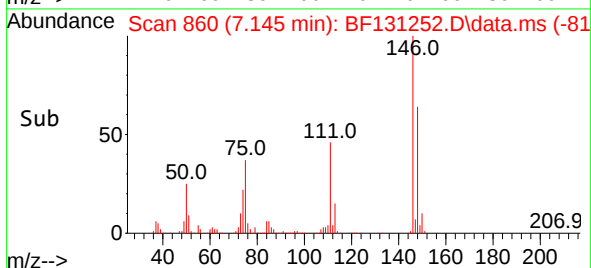
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

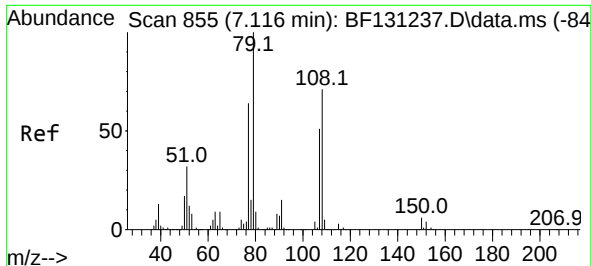


#14
1,2-Dichlorobenzene
Concen: 43.042 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



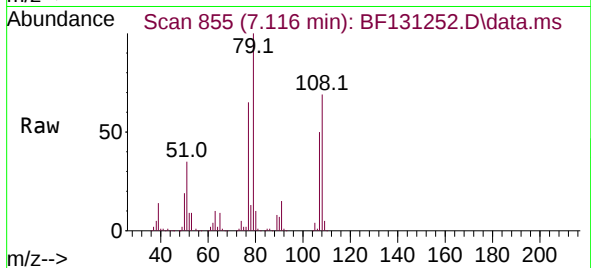
Tgt Ion:146 Resp: 294178
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 46.4 36.9 55.3





#15
Benzyl Alcohol
Concen: 39.782 ng m
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

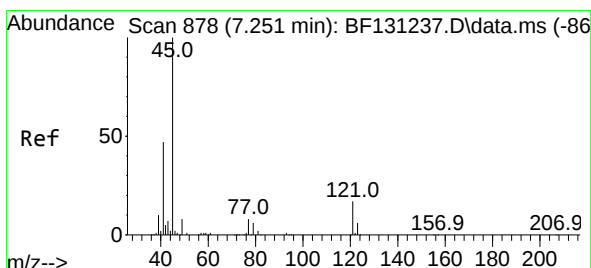
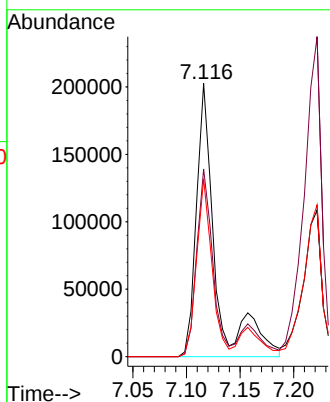
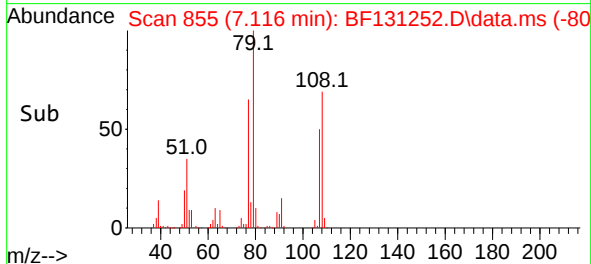
Instrument :
BNA_F
ClientSampleId :
PB148901BS



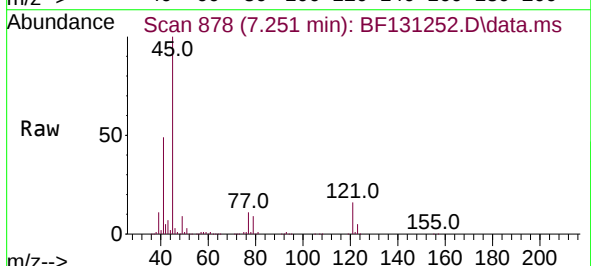
Tgt Ion: 79 Resp: 251645
Ion Ratio Lower Upper
79 100
108 68.6 56.7 85.1
77 65.1 51.4 77.2

Manual Integrations
APPROVED

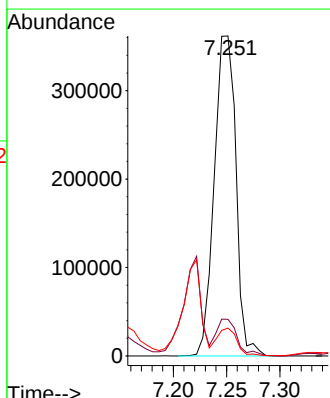
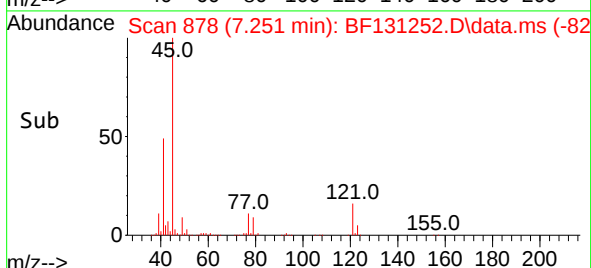
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

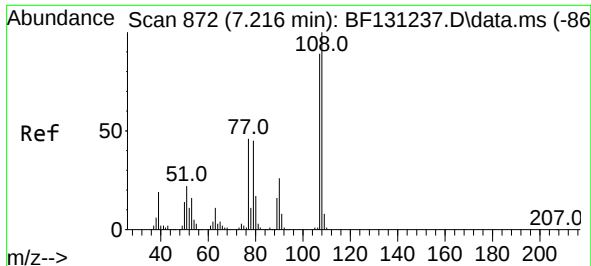


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.654 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



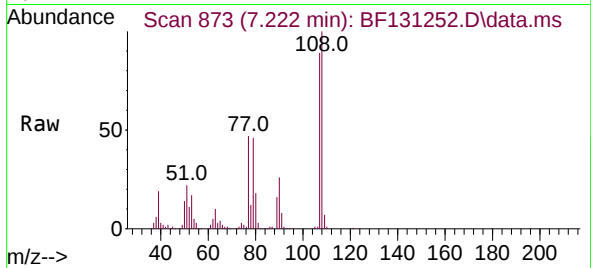
Tgt Ion: 45 Resp: 512467
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.0
79 8.7 0.0 28.5





#17
2-Methylphenol
Concen: 43.279 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

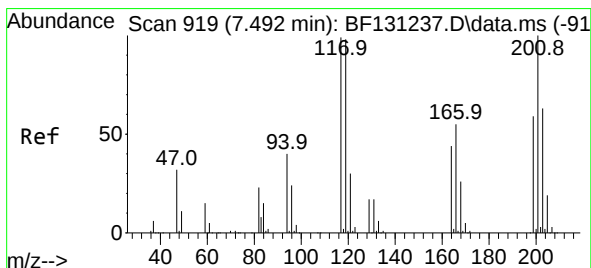
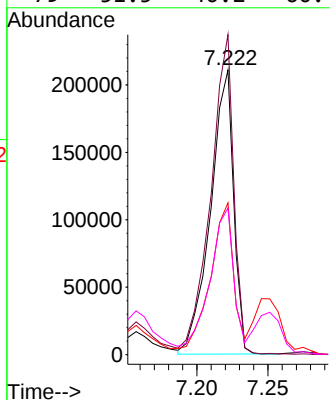
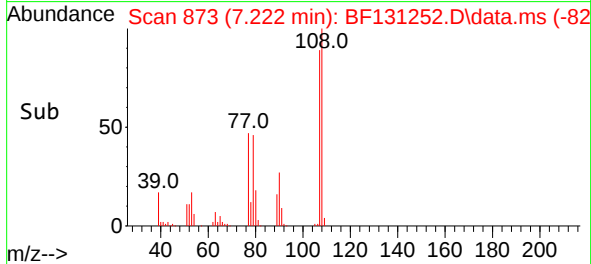
Instrument :
BNA_F
ClientSampleId :
PB148901BS



Tgt Ion:107 Resp: 238800
Ion Ratio Lower Upper
107 100
108 112.4 89.8 134.6
77 53.3 41.4 62.0
79 51.5 40.2 60.4

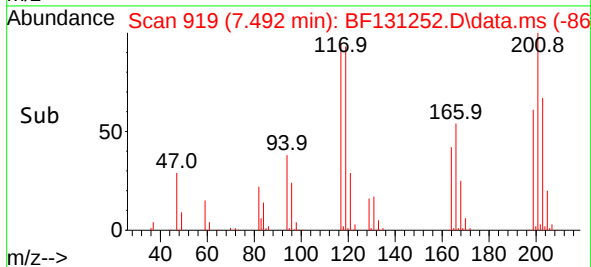
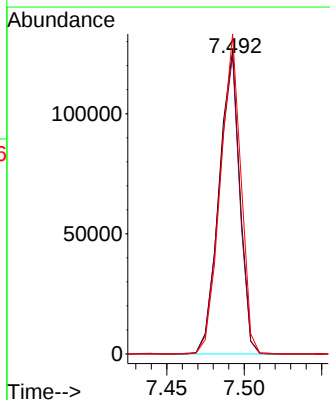
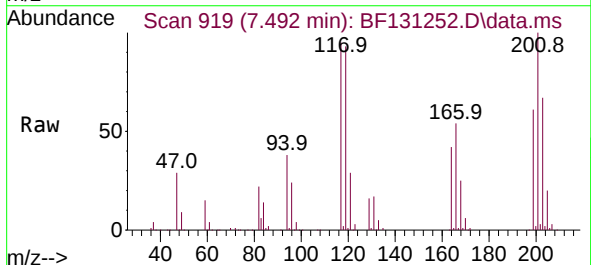
Manual Integrations
APPROVED

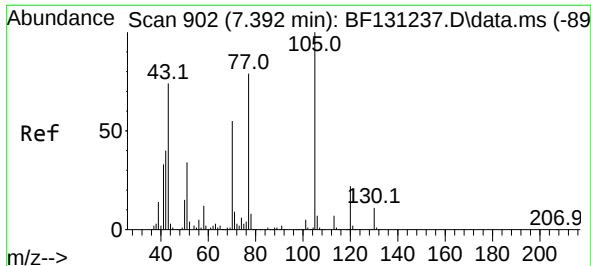
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#18
Hexachloroethane
Concen: 43.895 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Tgt Ion:117 Resp: 118004
Ion Ratio Lower Upper
117 100
119 98.5 79.0 118.6
201 105.4 80.9 121.3





#19

n-Nitroso-di-n-propylamine

Concen: 41.962 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.000 min

Lab File: BF131252.D

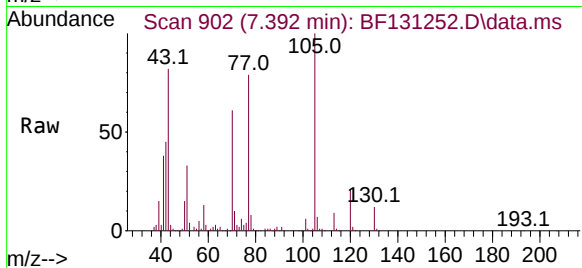
Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

ClientSampleId :

PB148901BS



Tgt Ion: 70 Resp: 212934

Ion Ratio Lower Upper

70 100

42 72.7 58.3 87.5

101 9.3 7.2 10.8

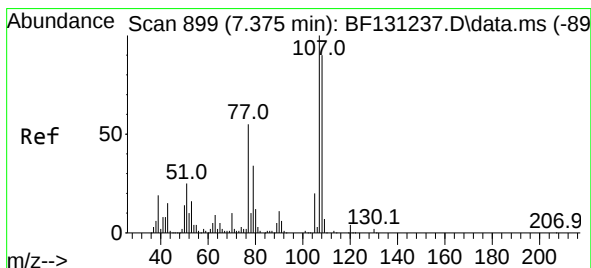
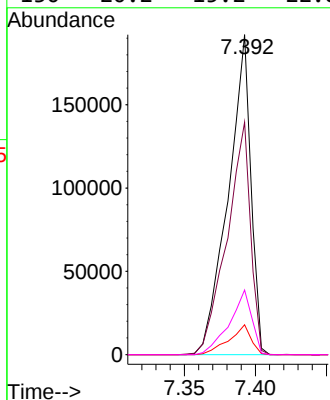
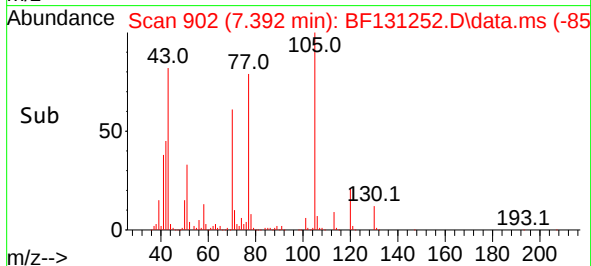
130 20.2 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#20

3+4-Methylphenols

Concen: 42.648 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF131252.D

Acq: 16 Nov 2022 01:44

Tgt Ion:107 Resp: 304387

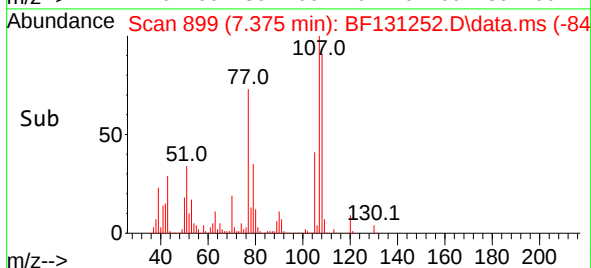
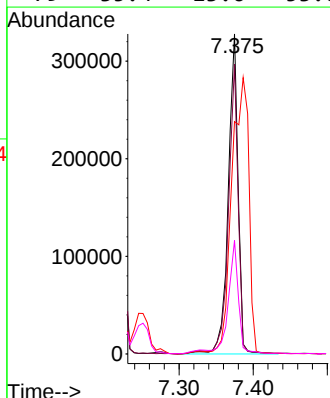
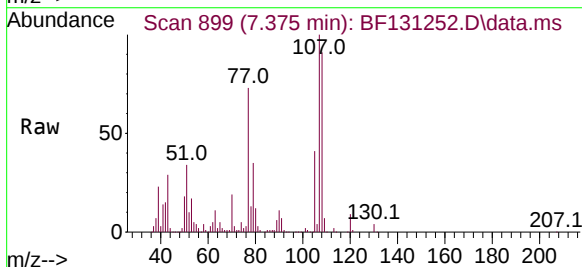
Ion Ratio Lower Upper

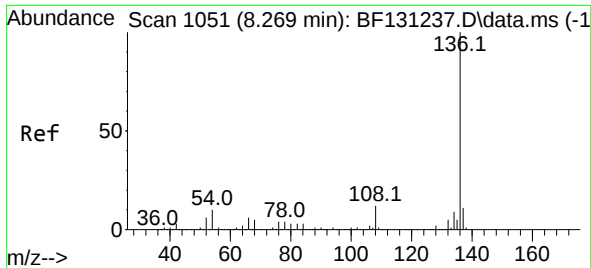
107 100

108 90.5 69.5 109.5

77 72.6 35.3 75.3

79 35.4 13.6 53.6





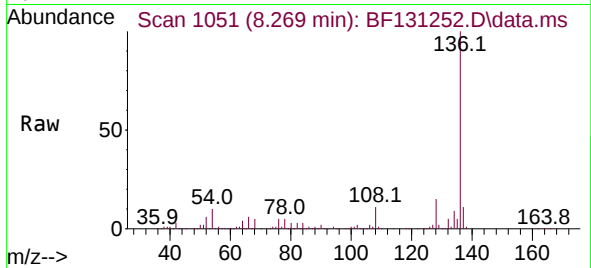
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

ClientSampleId :

PB148901BS

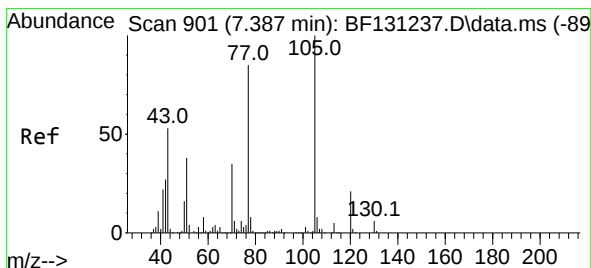
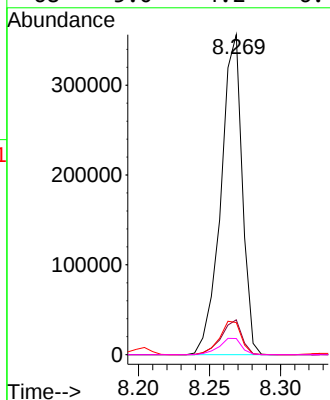
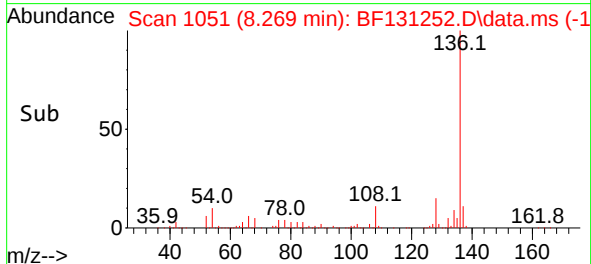


Tgt Ion:136 Resp: 372109
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.0 7.8 11.8
68 5.0 4.2 6.4

Manual Integrations

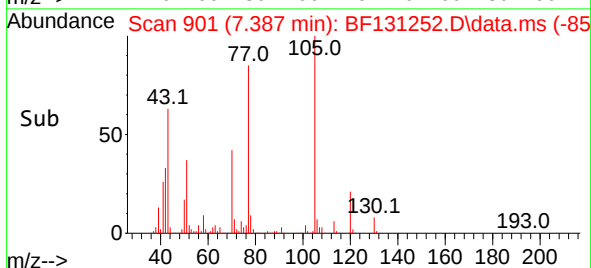
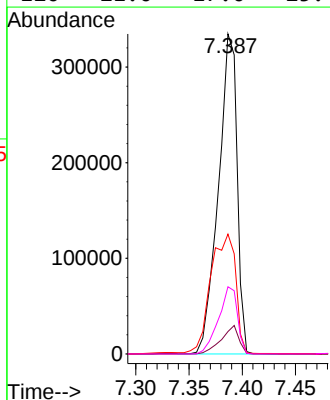
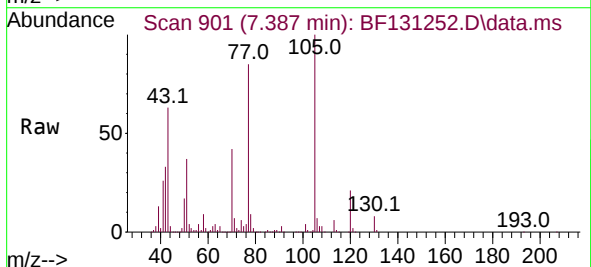
APPROVED

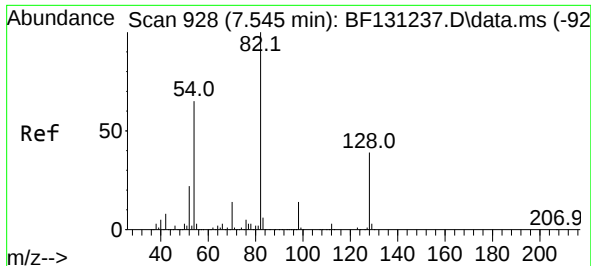
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#22
Acetophenone
Concen: 42.268 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Tgt Ion:105 Resp: 409991
Ion Ratio Lower Upper
105 100
71 7.0 4.7 7.1
51 37.5 30.2 45.2
120 21.0 17.0 25.4





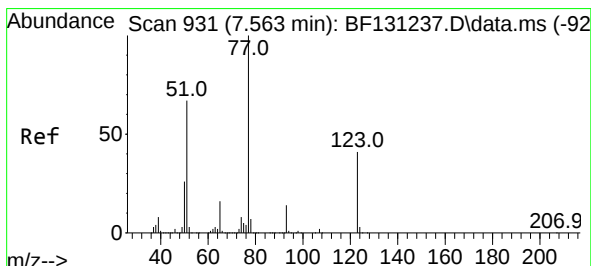
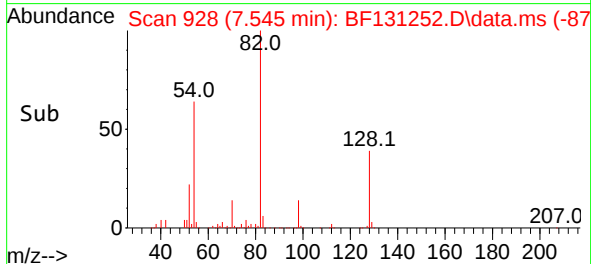
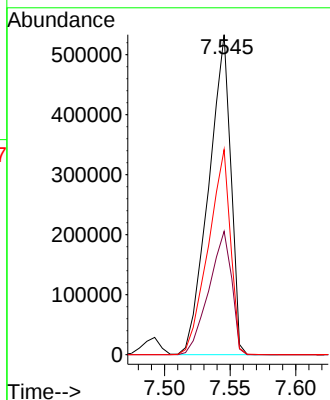
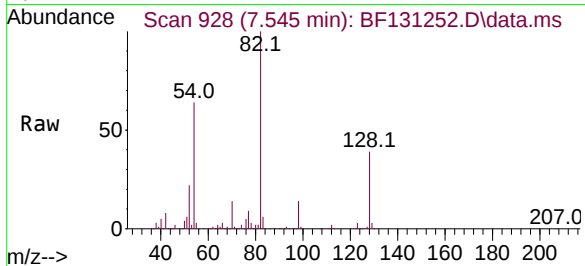
#23
Nitrobenzene-d5
Concen: 94.589 ng
RT: 7.545 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Instrument :
BNA_F
ClientSampleId :
PB148901BS

Tgt Ion: 82 Resp: 627073
Ion Ratio Lower Upper
82 100
128 38.5 31.1 46.7
54 64.1 51.8 77.6

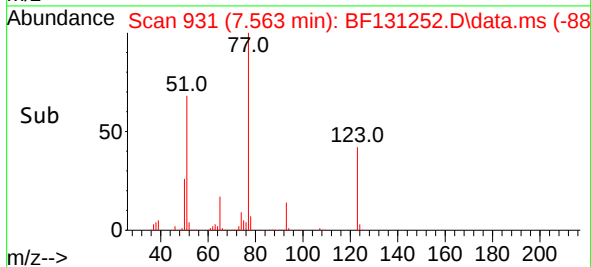
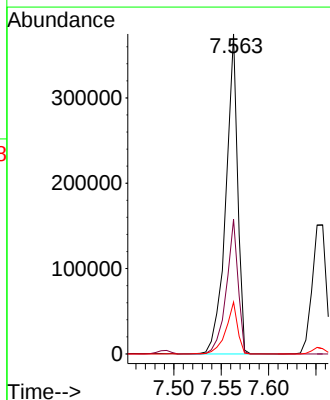
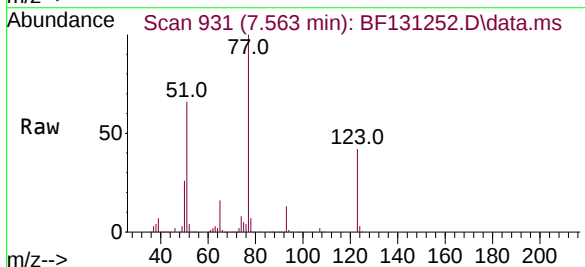
Manual Integrations
APPROVED

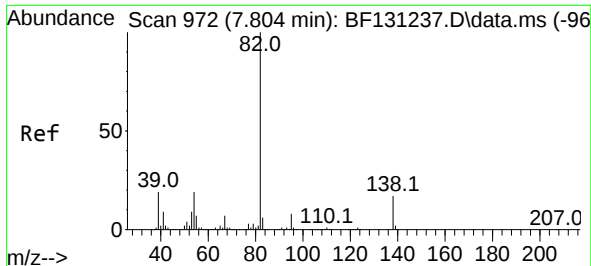
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#24
Nitrobenzene
Concen: 45.391 ng
RT: 7.563 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

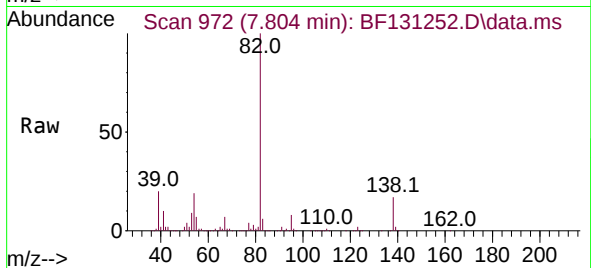
Tgt Ion: 77 Resp: 324852
Ion Ratio Lower Upper
77 100
123 42.0 33.2 49.8
65 16.2 13.0 19.4





#25
Isophorone
Concen: 43.910 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

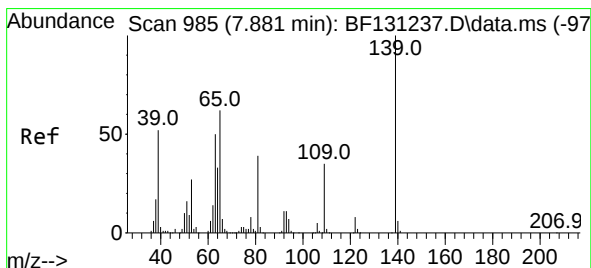
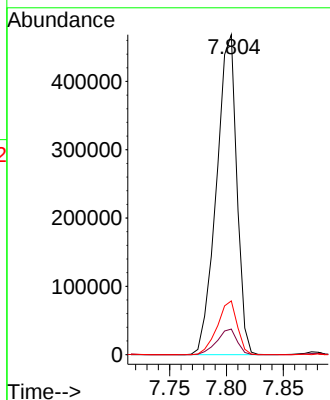
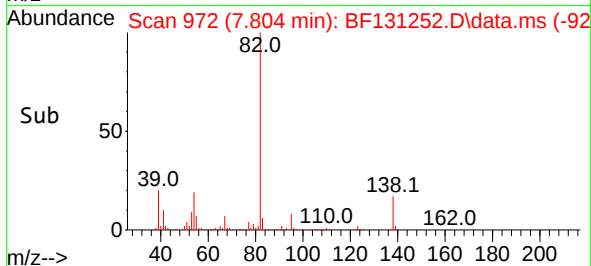
Instrument :
BNA_F
ClientSampleId :
PB148901BS



Tgt Ion: 82 Resp: 581550
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.2
138 16.8 13.4 20.0

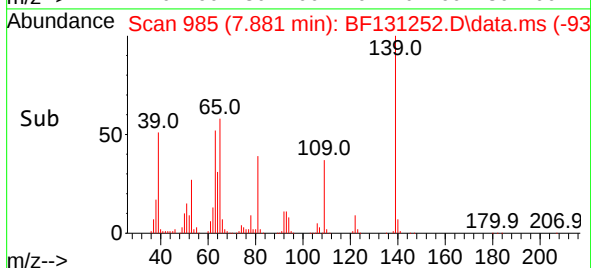
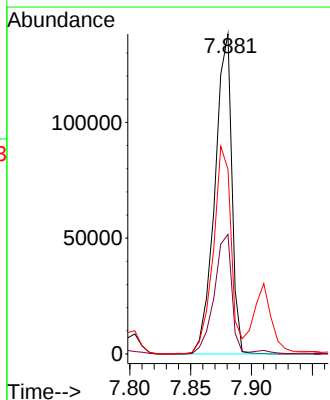
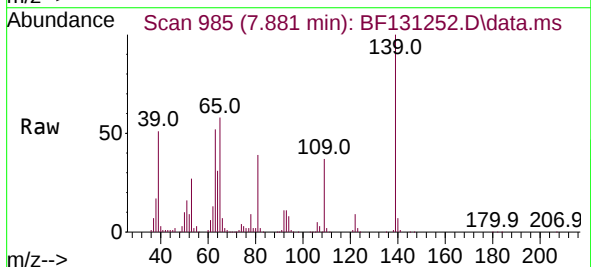
Manual Integrations
APPROVED

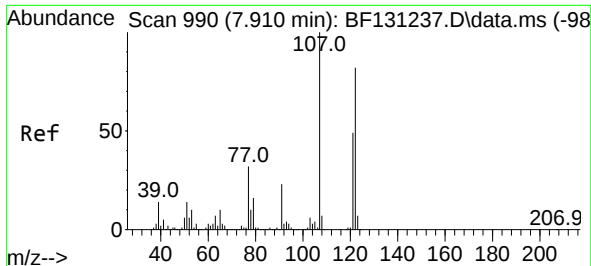
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#26
2-Nitrophenol
Concen: 46.830 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Tgt Ion:139 Resp: 133975
Ion Ratio Lower Upper
139 100
109 37.3 28.0 42.0
65 57.7 49.3 73.9





#27

2,4-Dimethylphenol

Concen: 49.919 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF131252.D

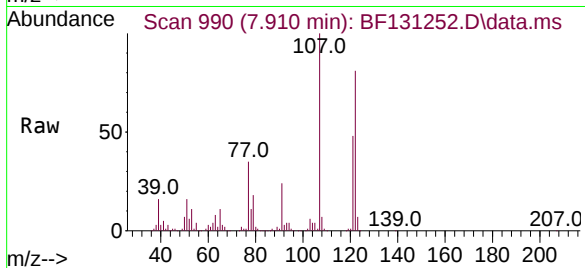
Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

ClientSampleId :

PB148901BS



Tgt Ion:122 Resp: 270610

Ion Ratio Lower Upper

122 100

107 122.8 97.1 145.7

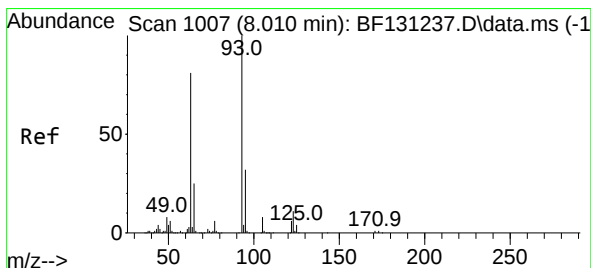
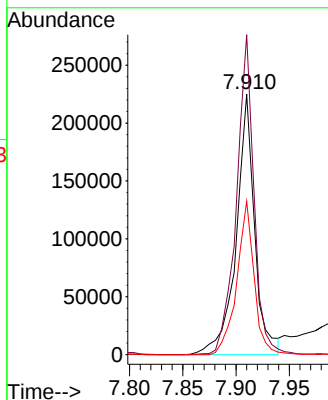
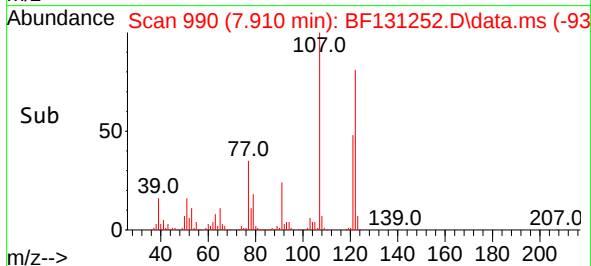
121 58.9 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#28

bis(2-Chloroethoxy)methane

Concen: 44.615 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF131252.D

Acq: 16 Nov 2022 01:44

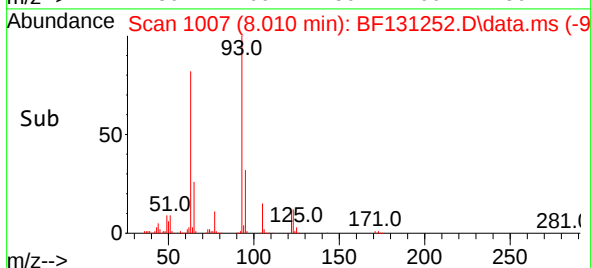
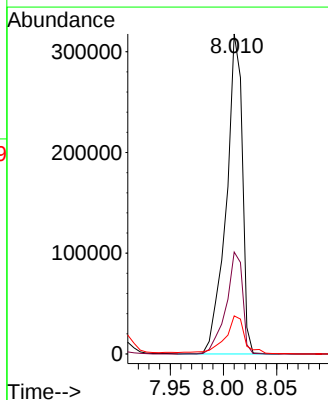
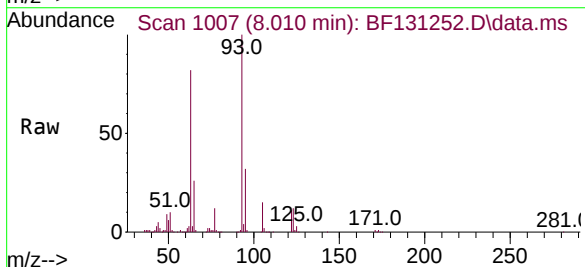
Tgt Ion: 93 Resp: 333139

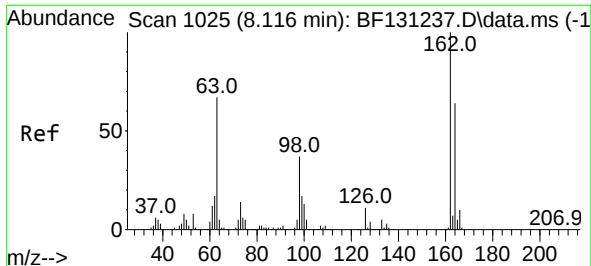
Ion Ratio Lower Upper

93 100

95 31.8 25.7 38.5

123 11.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.713 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF131252.D

Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

ClientSampleId :

PB148901BS

Tgt Ion:162 Resp: 244539

Ion Ratio Lower Upper

162 100

164 64.9 43.5 83.5

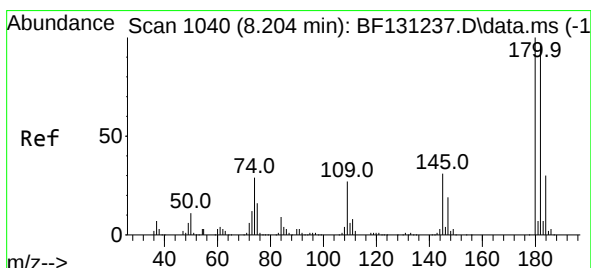
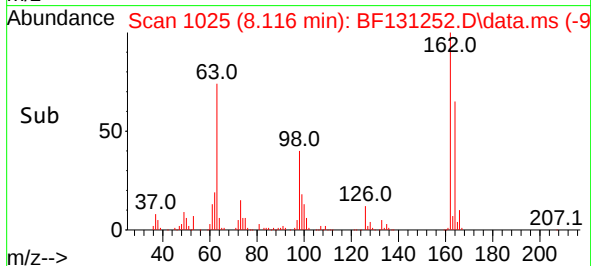
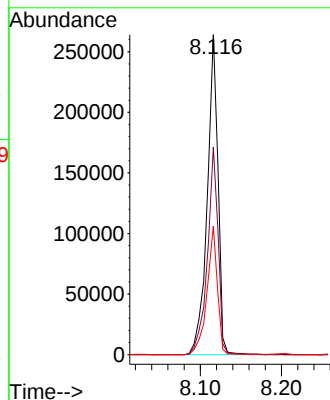
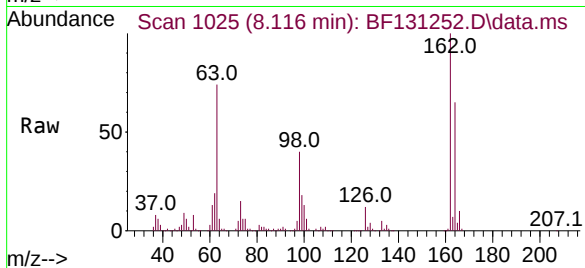
98 40.2 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.275 ng

RT: 8.204 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF131252.D

Acq: 16 Nov 2022 01:44

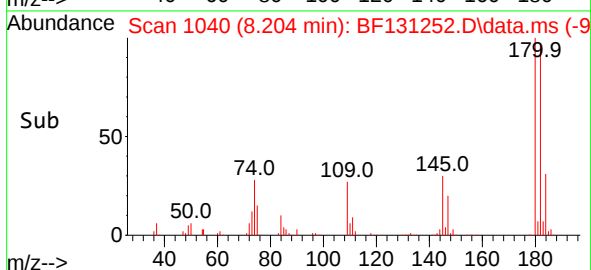
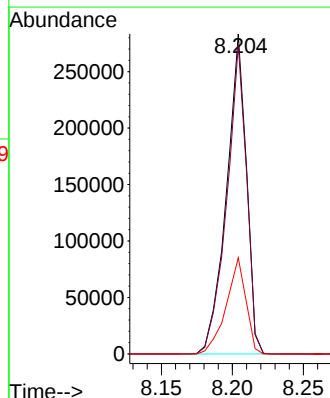
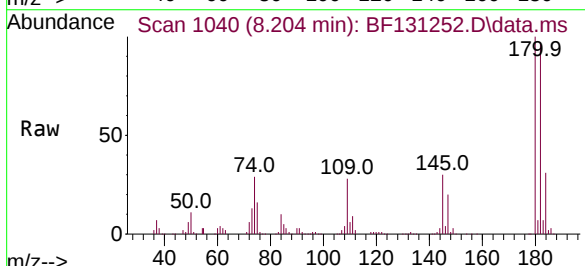
Tgt Ion:180 Resp: 276824

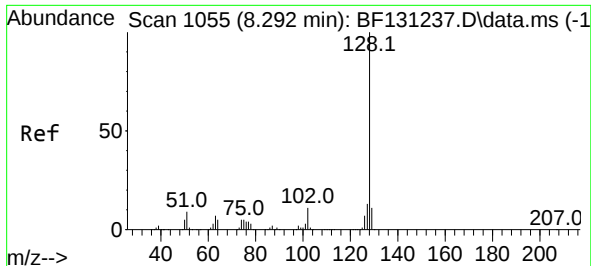
Ion Ratio Lower Upper

180 100

182 96.6 76.6 115.0

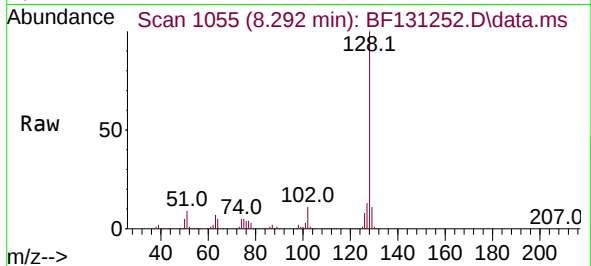
145 30.0 24.8 37.2





#31
Naphthalene
Concen: 39.945 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

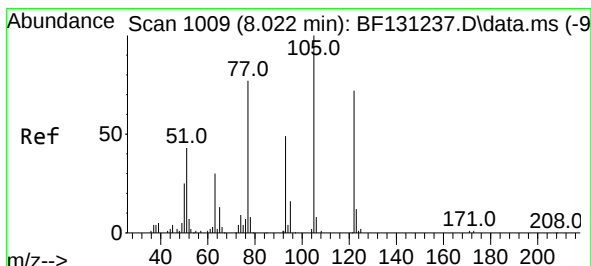
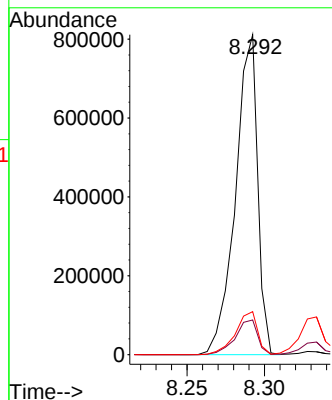
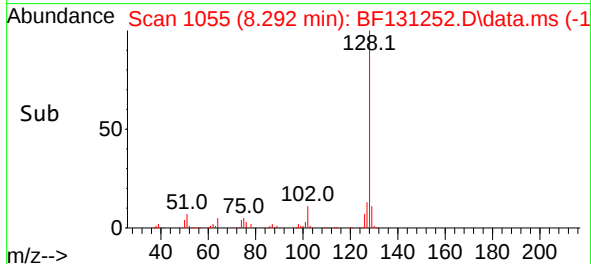
Instrument :
BNA_F
ClientSampleId :
PB148901BS



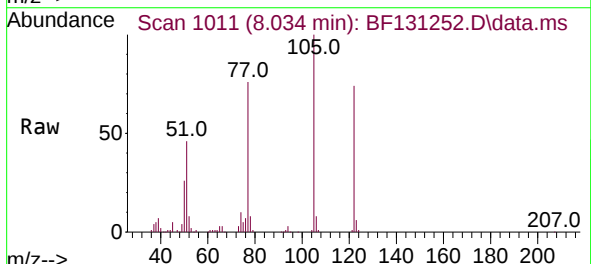
Tgt Ion:128 Resp: 805297
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.4 10.3 15.5

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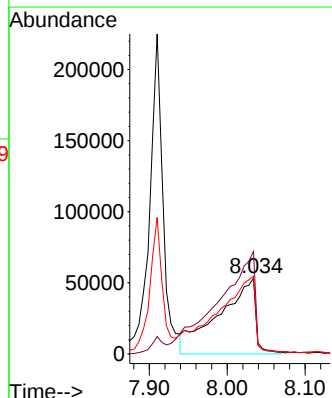
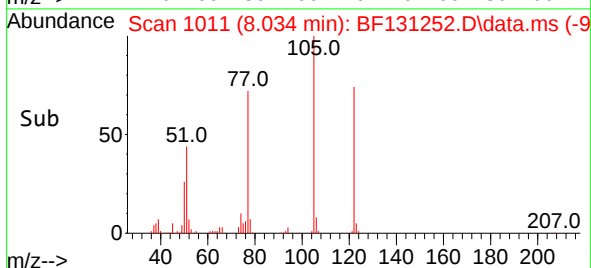
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

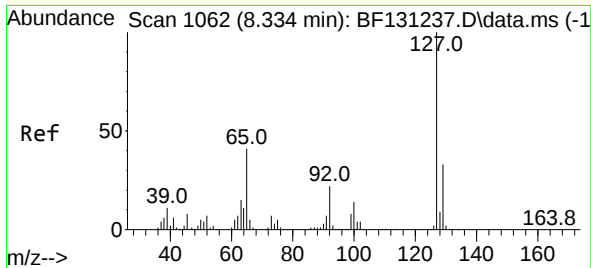


#32
Benzoic acid
Concen: 44.865 ng m
RT: 8.034 min Scan# 1011
Delta R.T. 0.012 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



Tgt Ion:122 Resp: 173879
Ion Ratio Lower Upper
122 100
105 135.6 116.9 156.9
77 102.5 86.9 126.9





#33
4-Chloroaniline
Concen: 13.815 ng
RT: 8.334 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

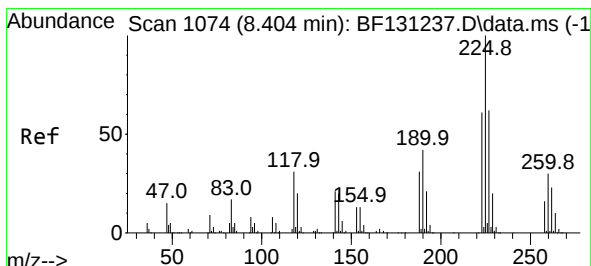
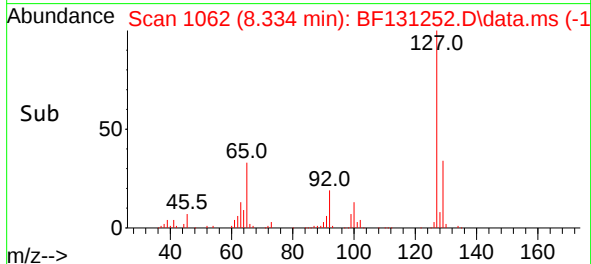
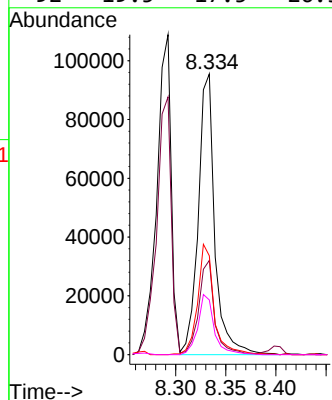
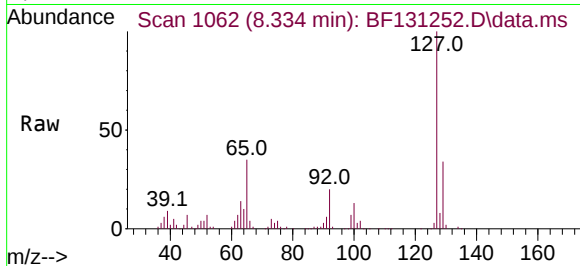
ClientSampleId :

PB148901BS

Tgt Ion:127 Resp: 10964
Ion Ratio Lower Upper
127 100
129 33.5 26.0 39.0
65 35.2 32.6 48.8
92 19.5 17.5 26.3

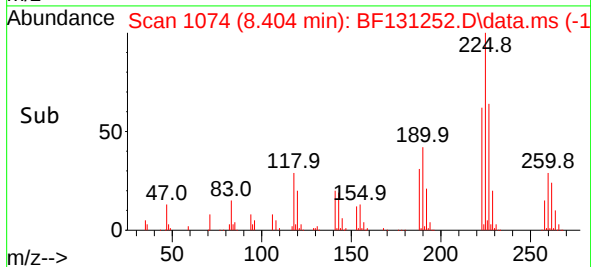
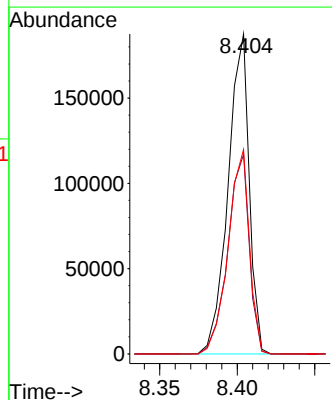
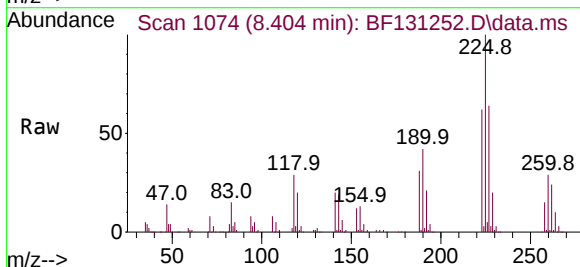
Manual Integrations
APPROVED

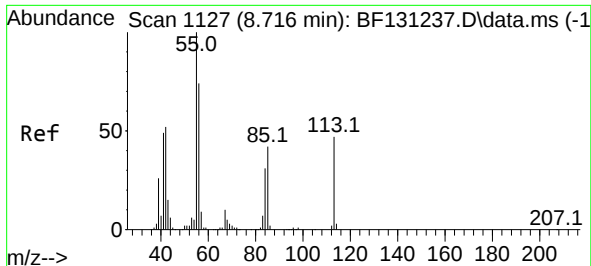
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#34
Hexachlorobutadiene
Concen: 40.875 ng
RT: 8.404 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Tgt Ion:225 Resp: 177817
Ion Ratio Lower Upper
225 100
223 62.3 49.1 73.7
227 63.9 50.0 75.0





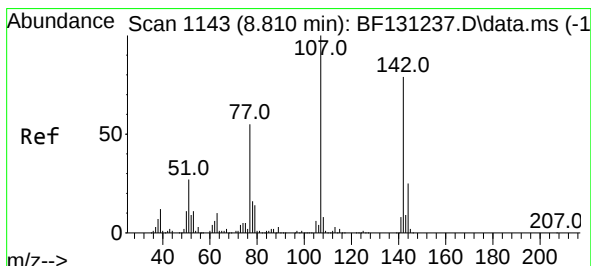
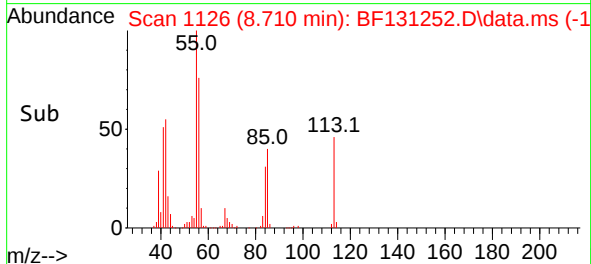
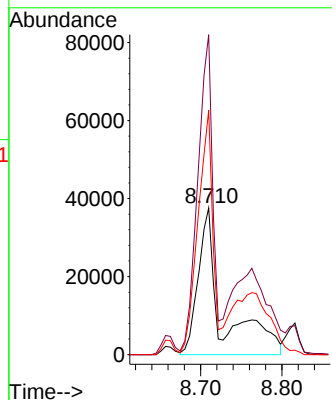
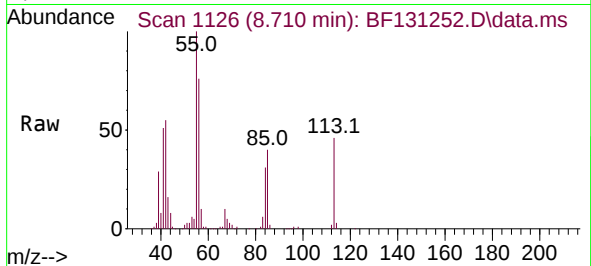
#35
Caprolactam
Concen: 44.426 ng m
RT: 8.710 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Instrument :
BNA_F
ClientSampleId :
PB148901BS

Tgt Ion:113 Resp: 7696
Ion Ratio Lower Upper
113 100
55 218.1 193.2 233.2
56 166.5 137.2 177.2

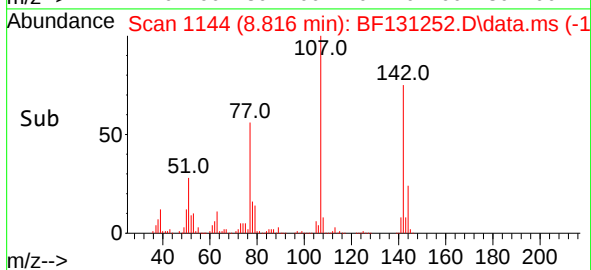
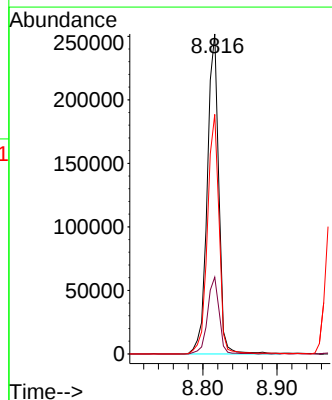
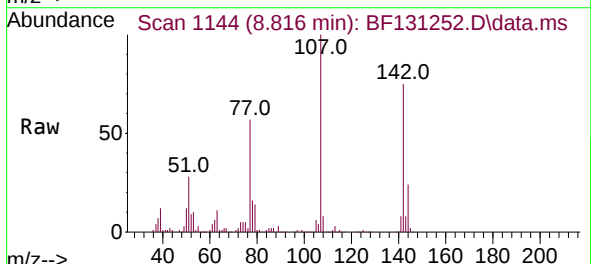
Manual Integrations
APPROVED

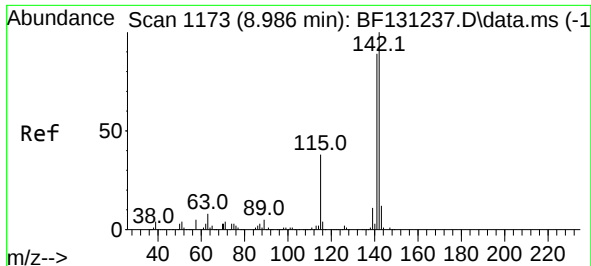
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#36
4-Chloro-3-methylphenol
Concen: 43.878 ng
RT: 8.816 min Scan# 1144
Delta R.T. 0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Tgt Ion:107 Resp: 270767
Ion Ratio Lower Upper
107 100
144 24.0 20.2 30.2
142 74.8 63.0 94.6





#37

2-Methylnaphthalene

Concen: 40.452 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF131252.D

Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

ClientSampleId :

PB148901BS

Tgt Ion:142 Resp: 54314

Ion Ratio Lower Upper

142 100

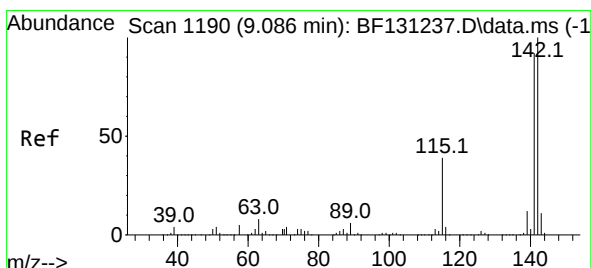
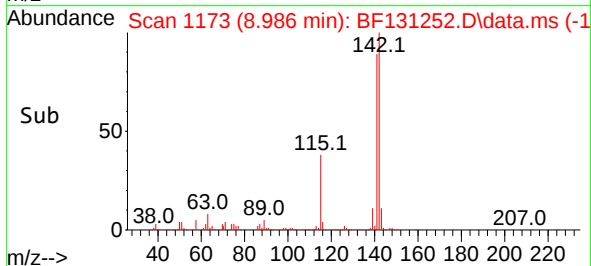
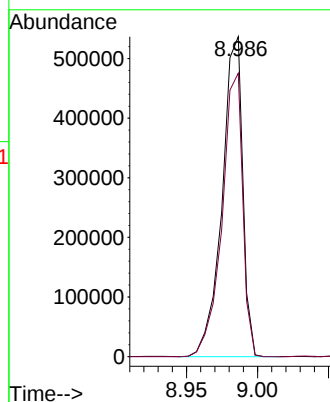
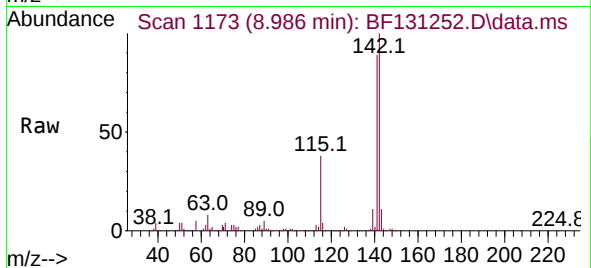
141 88.6 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#38

1-Methylnaphthalene

Concen: 39.070 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF131252.D

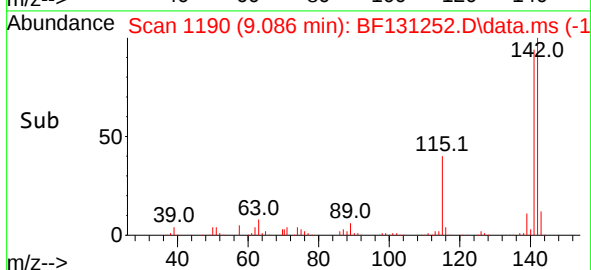
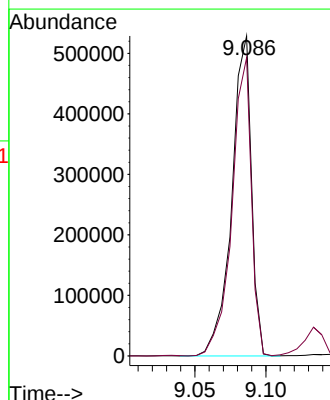
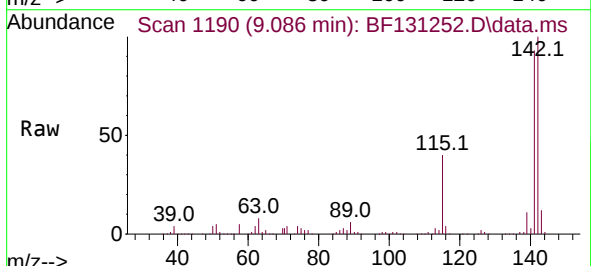
Acq: 16 Nov 2022 01:44

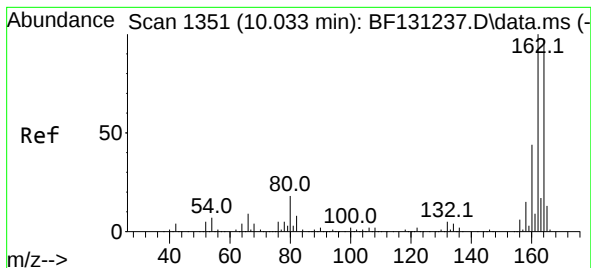
Tgt Ion:142 Resp: 508670

Ion Ratio Lower Upper

142 100

141 93.2 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: BF131252.D

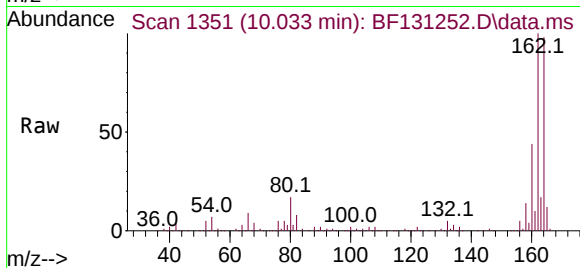
Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

ClientSampleId :

PB148901BS



Tgt Ion:164 Resp: 213811

Ion Ratio Lower Upper

164 100

162 101.6 82.1 123.1

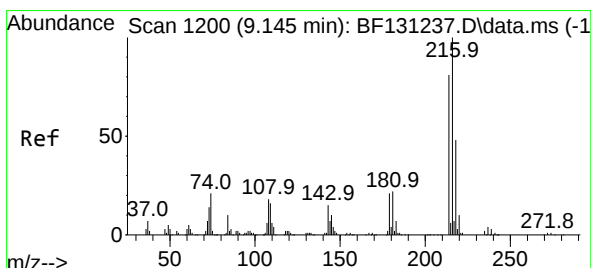
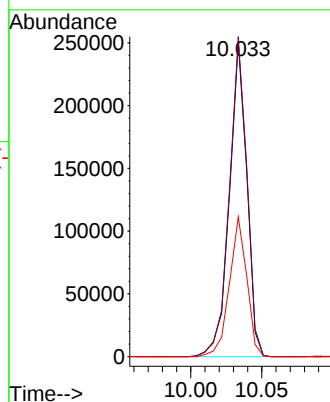
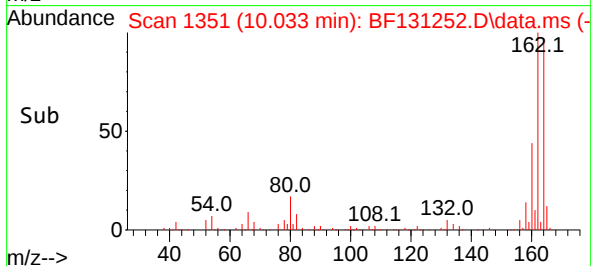
160 44.4 36.2 54.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.398 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BF131252.D

Acq: 16 Nov 2022 01:44

Tgt Ion:216 Resp: 278111

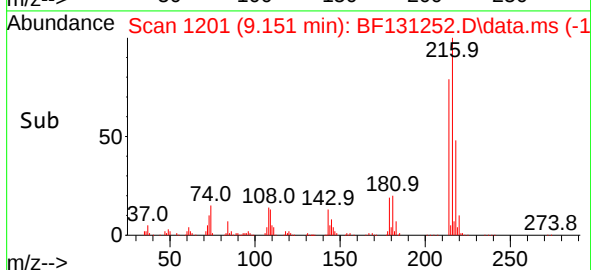
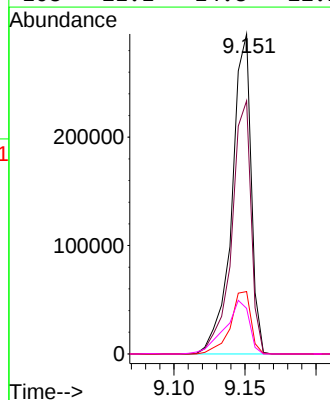
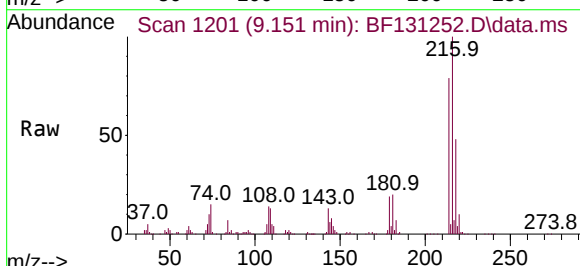
Ion Ratio Lower Upper

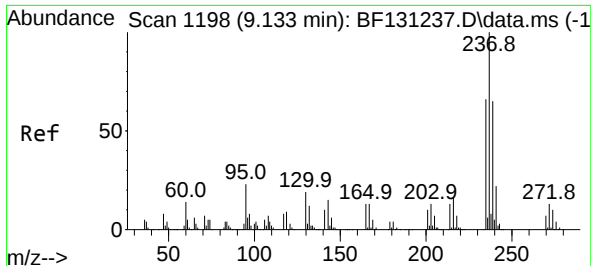
216 100

214 79.5 63.7 95.5

179 20.7 16.5 24.7

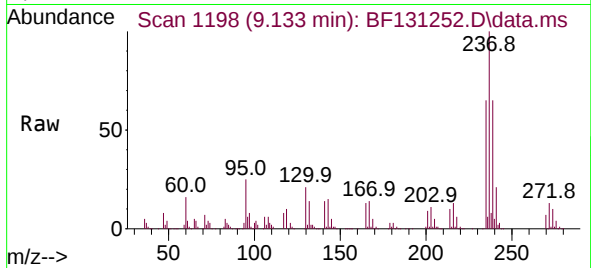
108 21.1 14.8 22.2





#41
Hexachlorocyclopentadiene
Concen: 103.237 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

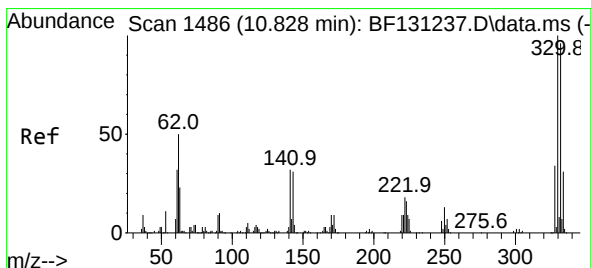
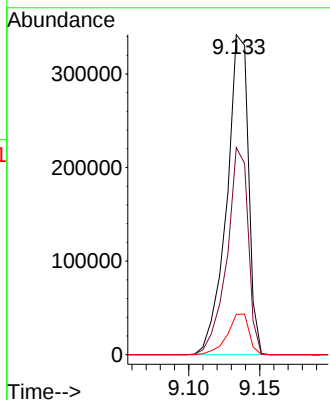
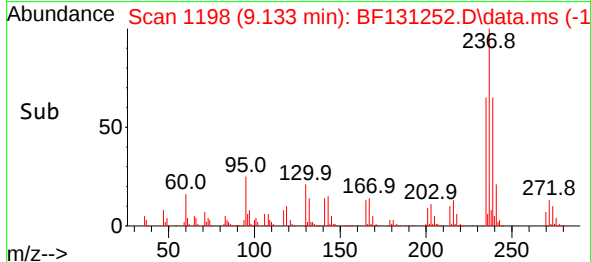
Instrument :
BNA_F
ClientSampleId :
PB148901BS



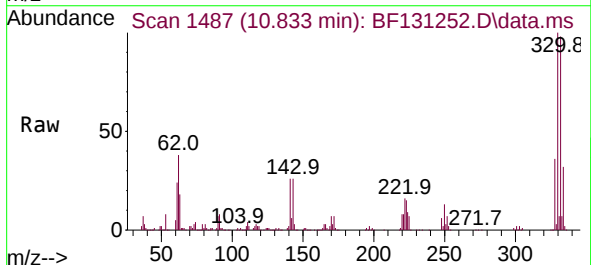
Tgt Ion: 237 Resp: 364264
Ion Ratio Lower Upper
237 100
235 64.7 45.6 85.6
272 12.6 0.0 32.6

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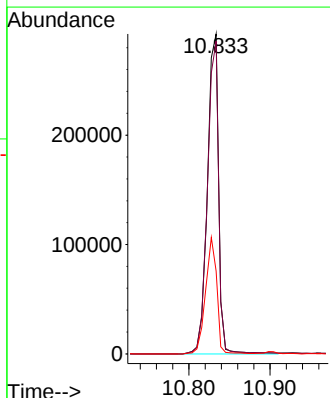
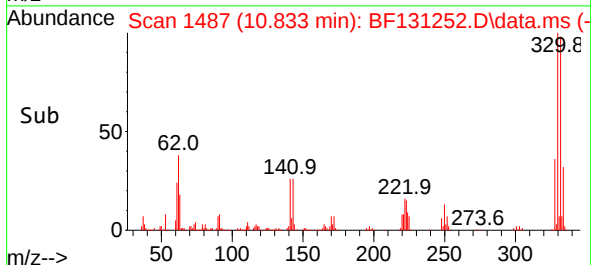
Reviewed By : Christian Giraldo 11/16/2022
Supervised By : Jagrut Upadhyay 11/16/2022

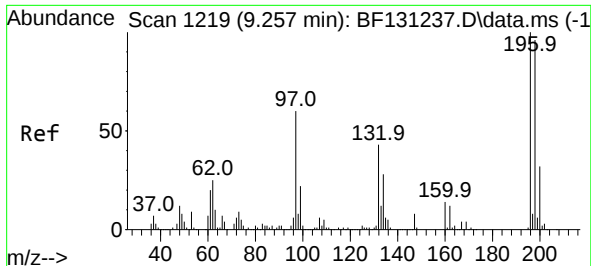


#42
2,4,6-Tribromophenol
Concen: 137.672 ng
RT: 10.833 min Scan# 1487
Delta R.T. 0.005 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



Tgt Ion: 330 Resp: 281173
Ion Ratio Lower Upper
330 100
332 98.0 76.8 115.2
141 36.4 29.6 44.4





#43

2,4,6-Trichlorophenol

Concen: 38.727 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF131252.D

Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

ClientSampleId :

PB148901BS

Tgt Ion:196 Resp: 174302

Ion Ratio Lower Upper

196 100

198 95.0 76.5 114.7

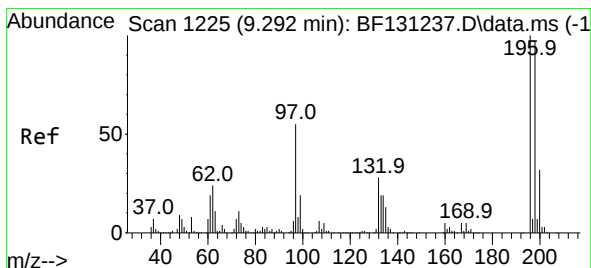
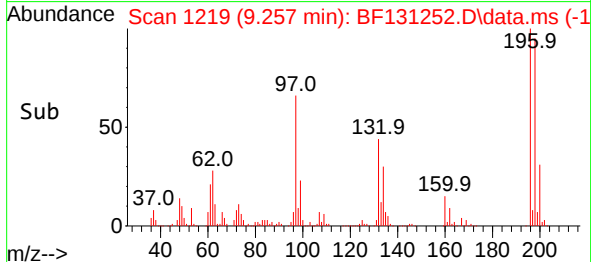
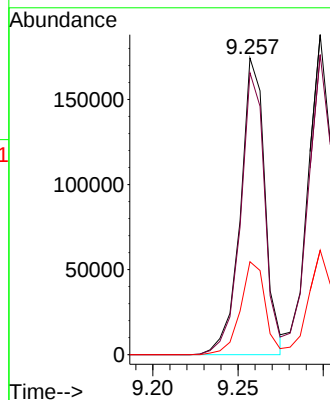
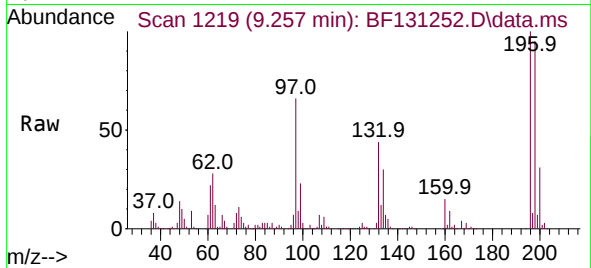
200 31.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#44

2,4,5-Trichlorophenol

Concen: 42.947 ng

RT: 9.298 min Scan# 1226

Delta R.T. 0.006 min

Lab File: BF131252.D

Acq: 16 Nov 2022 01:44

Tgt Ion:196 Resp: 207429

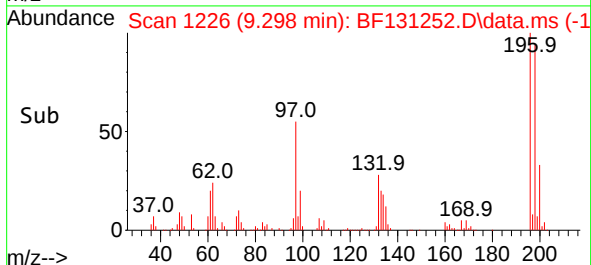
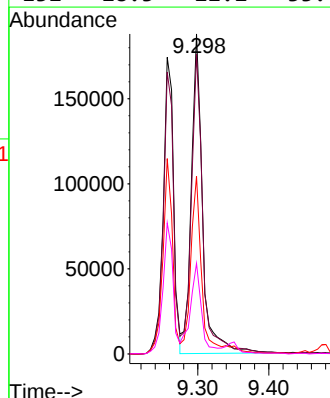
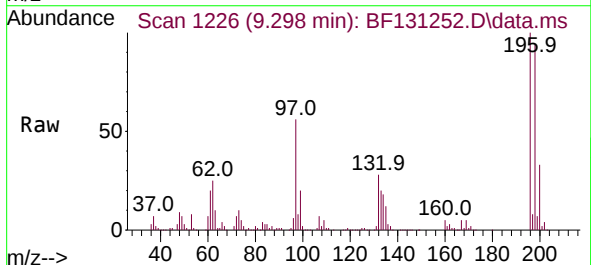
Ion Ratio Lower Upper

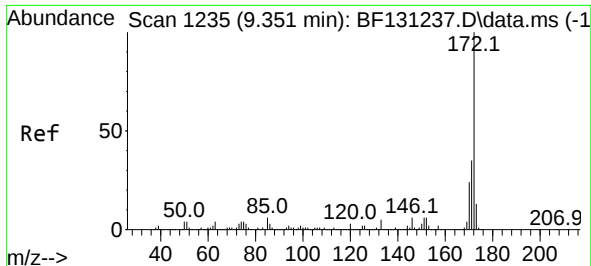
196 100

198 93.7 77.0 115.6

97 55.6 44.3 66.5

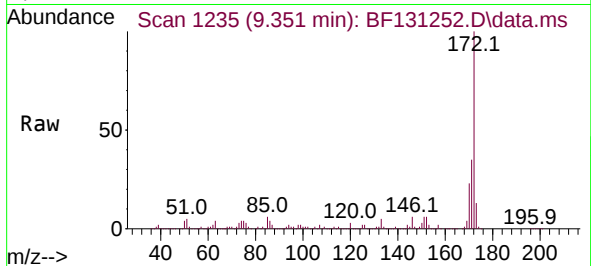
132 28.3 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 80.918 ng
RT: 9.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

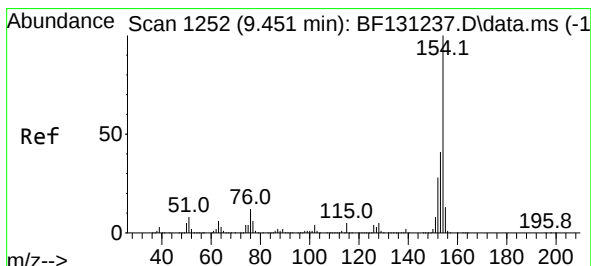
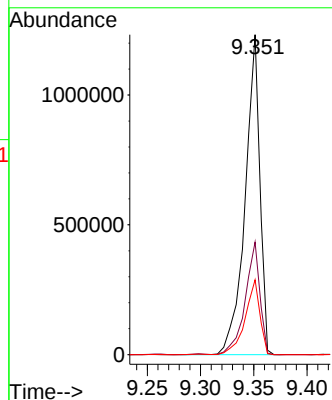
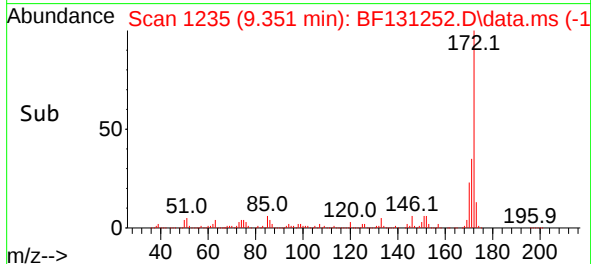
Instrument :
BNA_F
ClientSampleId :
PB148901BS



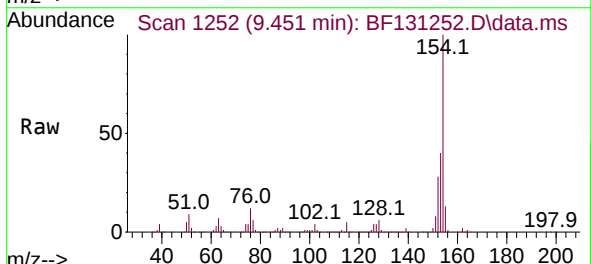
Tgt Ion:172 Resp: 118224
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.4 18.8 28.2

Manual Integrations
APPROVED

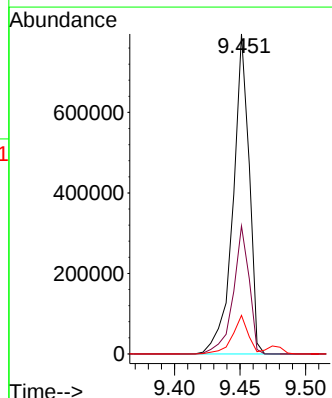
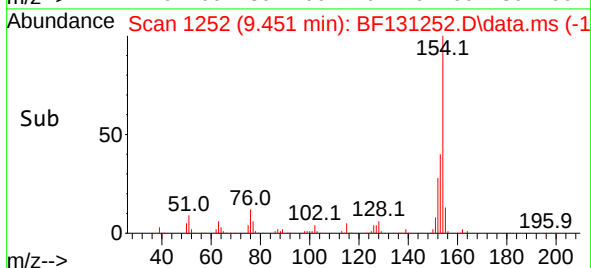
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

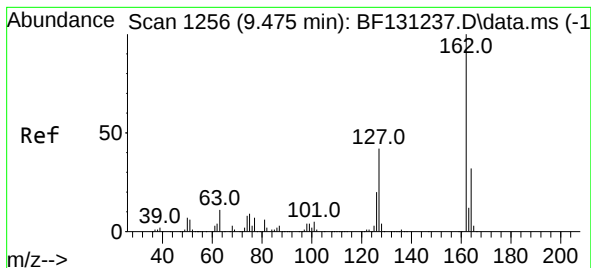


#46
1,1'-Biphenyl
Concen: 41.020 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



Tgt Ion:154 Resp: 674224
Ion Ratio Lower Upper
154 100
153 40.0 20.8 60.8
76 12.0 0.0 31.6





#47

2-Chloronaphthalene

Concen: 39.769 ng

RT: 9.481 min Scan# 1256

Delta R.T. 0.006 min

Lab File: BF131252.D

Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

ClientSampleId :

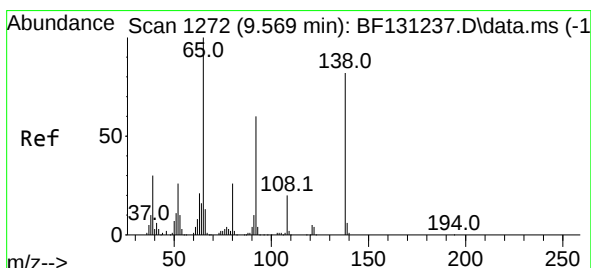
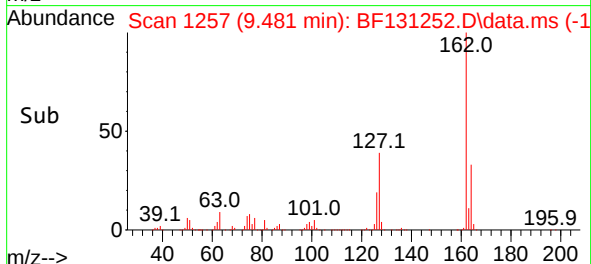
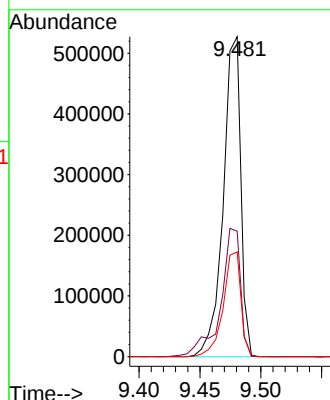
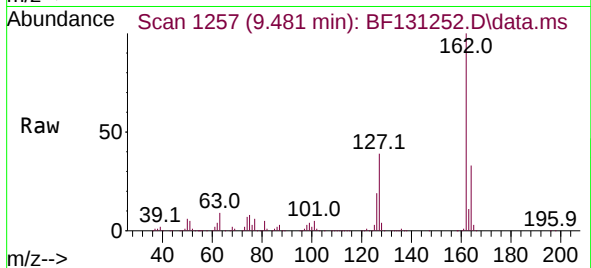
PB148901BS

Tgt Ion:162 Resp: 529532
 Ion Ratio Lower Upper
 162 100
 127 39.2 34.1 51.1
 164 32.7 25.9 38.9

Manual Integrations

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



#48

2-Nitroaniline

Concen: 44.625 ng

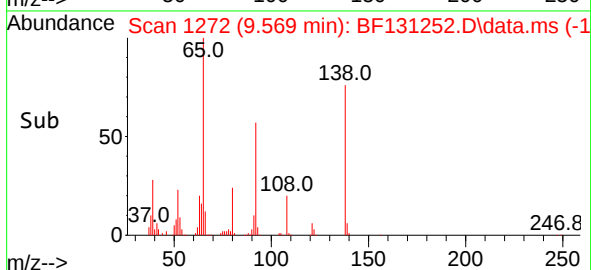
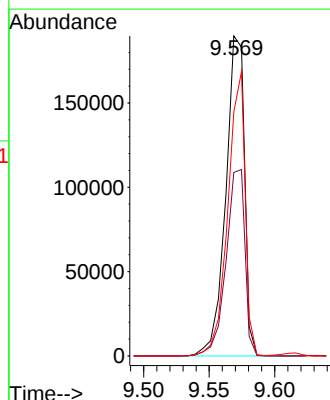
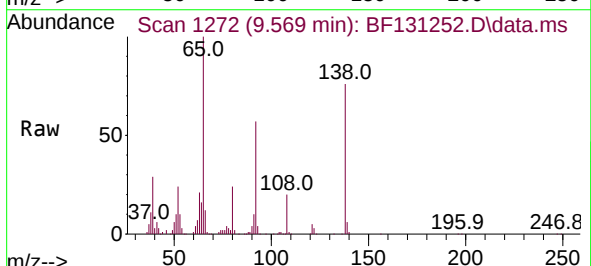
RT: 9.569 min Scan# 1272

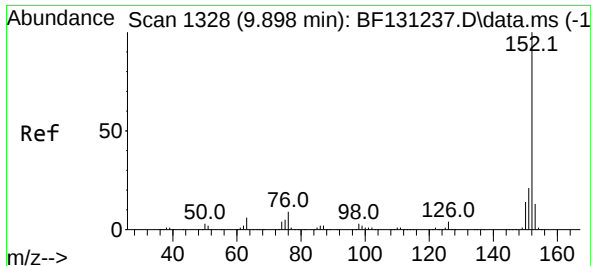
Delta R.T. -0.000 min

Lab File: BF131252.D

Acq: 16 Nov 2022 01:44

Tgt Ion: 65 Resp: 189336
 Ion Ratio Lower Upper
 65 100
 92 57.3 48.2 72.2
 138 76.2 65.8 98.8





#49

Acenaphthylene

Concen: 39.998 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF131252.D

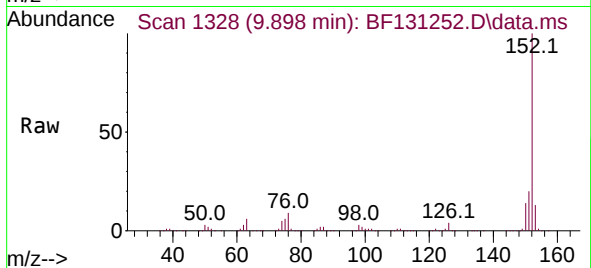
Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

ClientSampleId :

PB148901BS



Tgt Ion:152 Resp: 813255

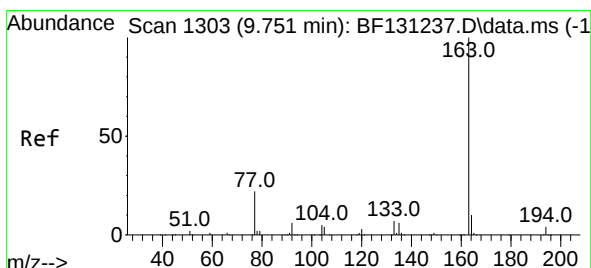
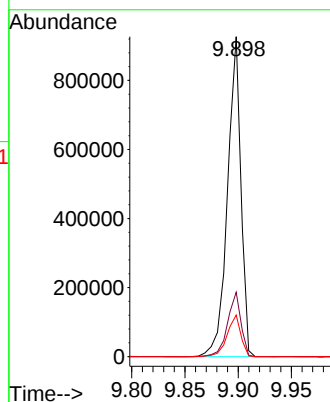
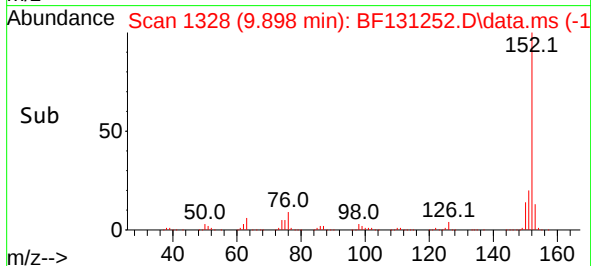
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6
153	13.0	10.5	15.7

Manual Integrations

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Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#50

Dimethylphthalate

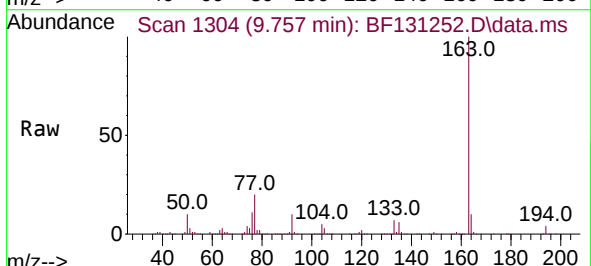
Concen: 40.437 ng

RT: 9.757 min Scan# 1304

Delta R.T. 0.006 min

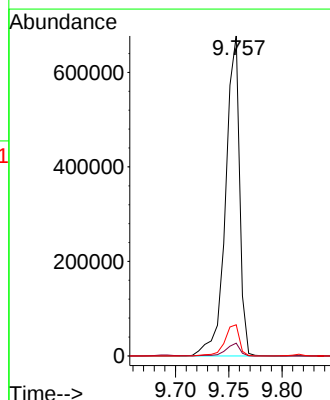
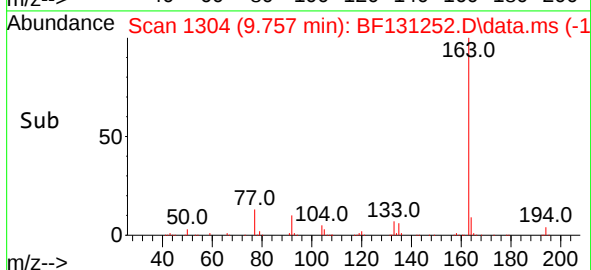
Lab File: BF131252.D

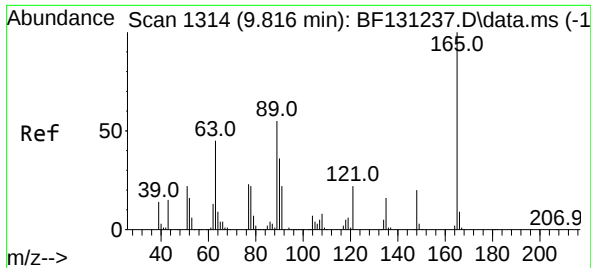
Acq: 16 Nov 2022 01:44



Tgt Ion:163 Resp: 619111

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.7	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 44.275 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

ClientSampleId :

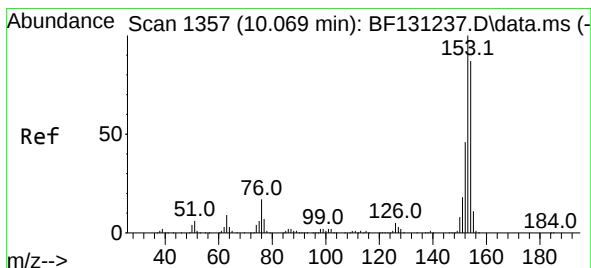
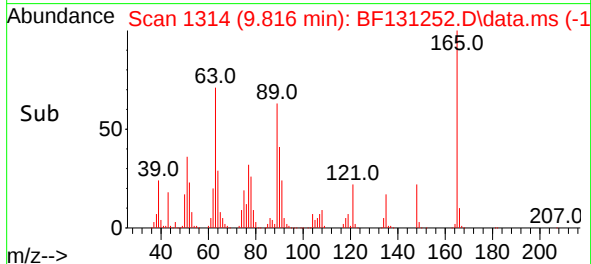
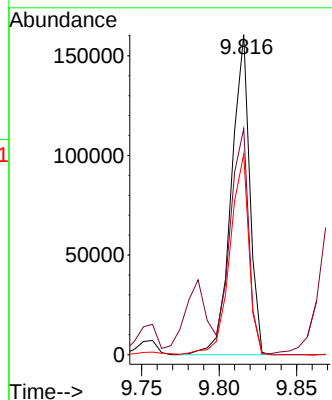
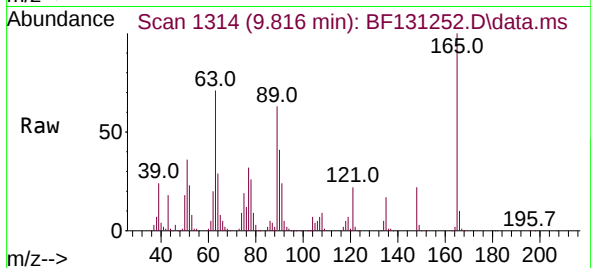
PB148901BS

Tgt Ion:165 Resp: 132230
Ion Ratio Lower Upper
165 100
63 70.6 49.8 74.6
89 62.7 44.5 66.7

Manual Integrations

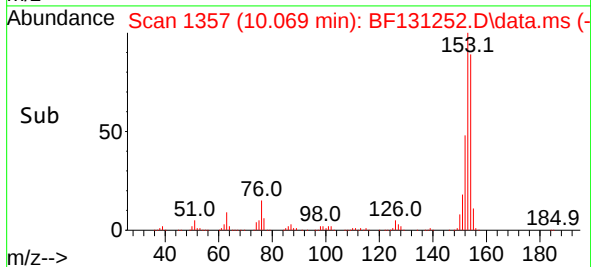
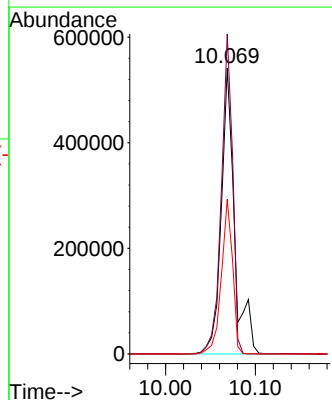
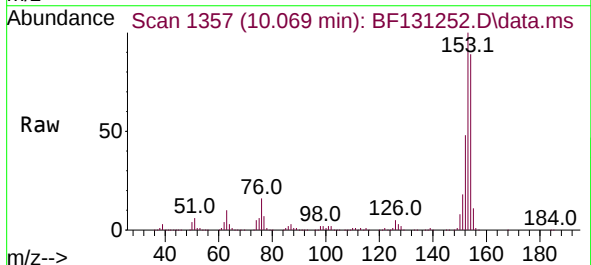
APPROVED

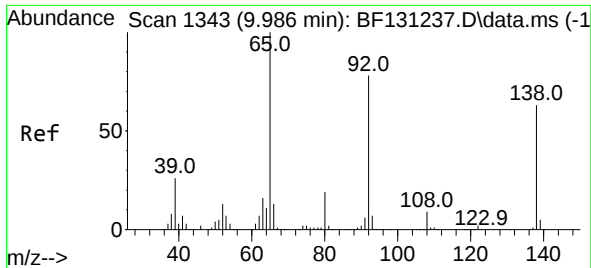
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#52
Acenaphthene
Concen: 44.260 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Tgt Ion:154 Resp: 561732
Ion Ratio Lower Upper
154 100
153 112.0 91.4 137.2
152 54.1 42.4 63.6





#53
3-Nitroaniline
Concen: 24.798 ng
RT: 9.980 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

ClientSampleId :

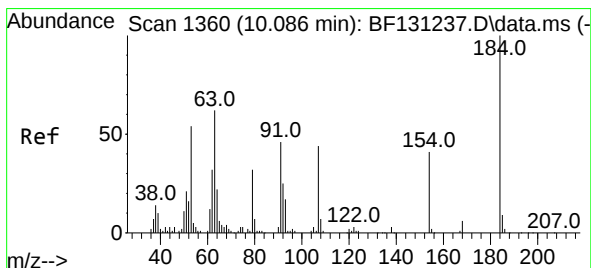
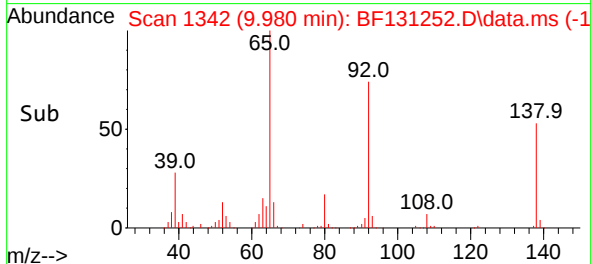
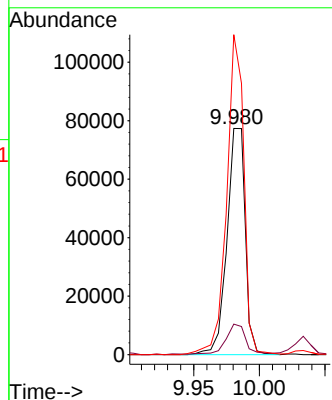
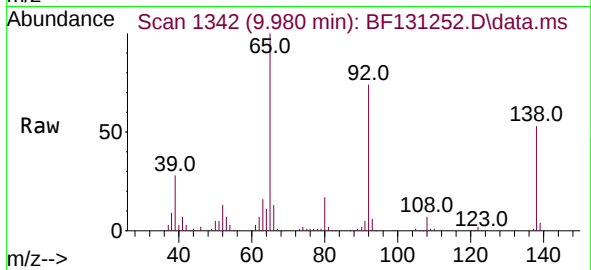
PB148901BS

Tgt Ion:138 Resp: 7504
Ion Ratio Lower Upper
138 100
108 13.5 11.4 17.2
92 141.4 98.6 148.0

Manual Integrations

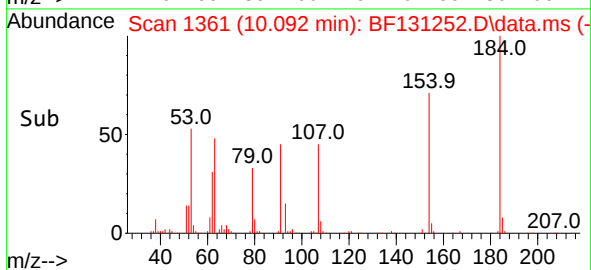
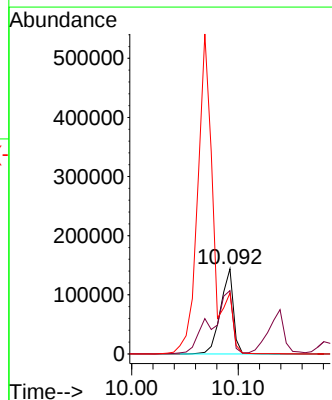
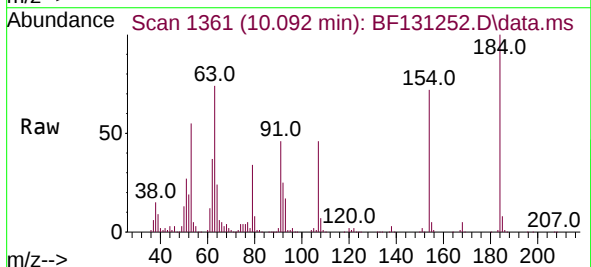
APPROVED

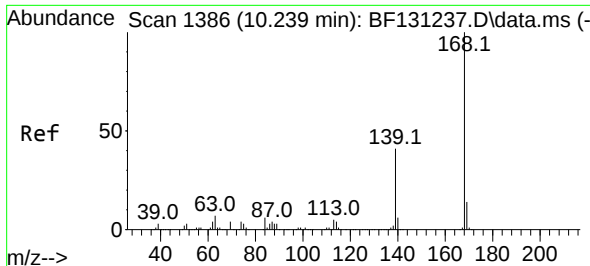
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#54
2,4-Dinitrophenol
Concen: 85.972 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

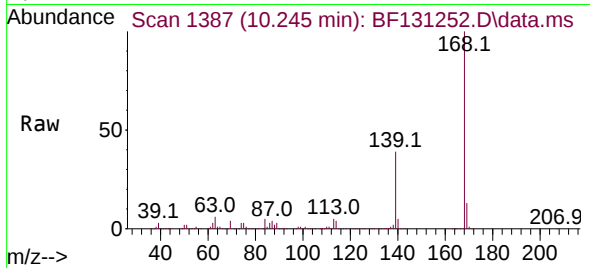
Tgt Ion:184 Resp: 120361
Ion Ratio Lower Upper
184 100
63 74.4 52.5 78.7
154 71.7 54.0 81.0





#55
Dibenzofuran
Concen: 39.775 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

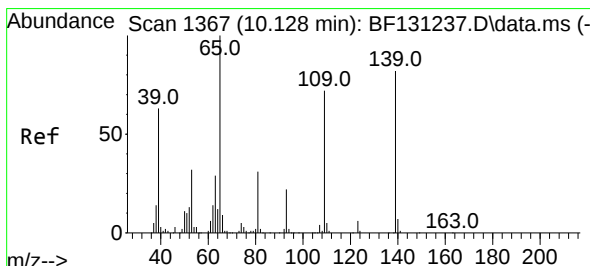
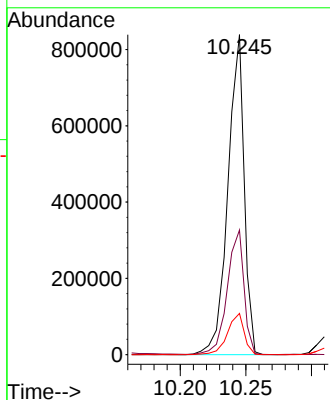
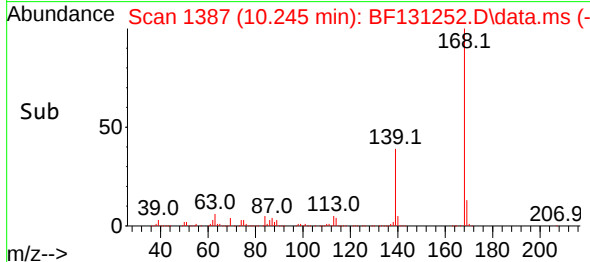
Instrument :
BNA_F
ClientSampleId :
PB148901BS



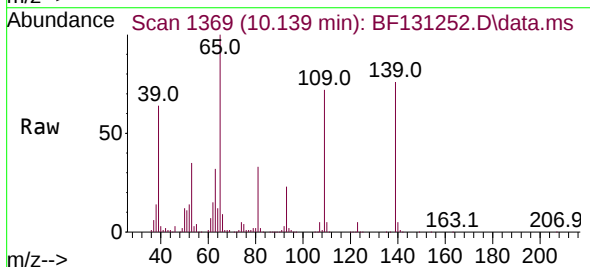
Tgt Ion:168 Resp: 723255
Ion Ratio Lower Upper
168 100
139 38.9 32.9 49.3
169 12.9 10.8 16.2

Manual Integrations
APPROVED

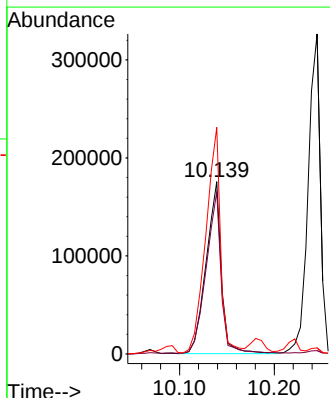
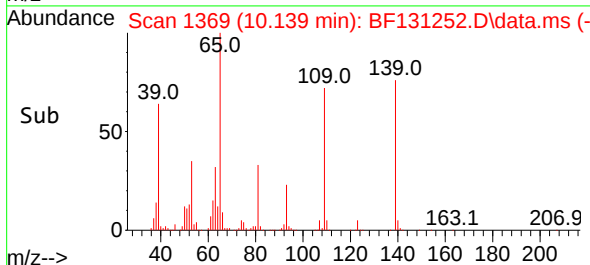
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

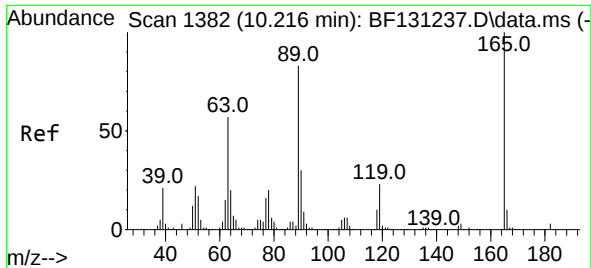


#56
4-Nitrophenol
Concen: 81.537 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.011 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



Tgt Ion:139 Resp: 196418
Ion Ratio Lower Upper
139 100
109 94.0 68.1 108.1
65 131.4 101.6 141.6





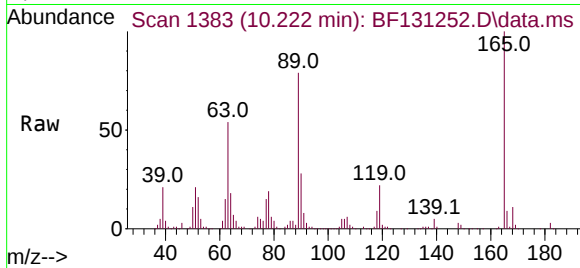
#57
2,4-Dinitrotoluene
Concen: 45.602 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

ClientSampleId :

PB148901BS

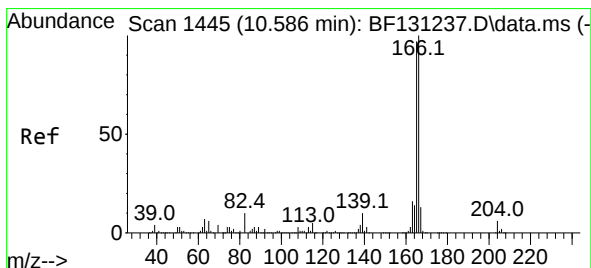
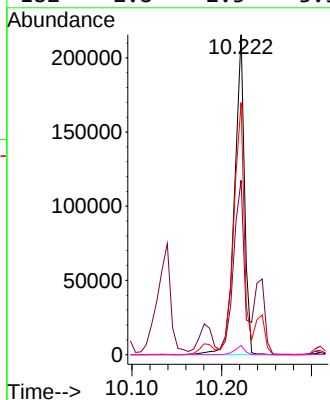
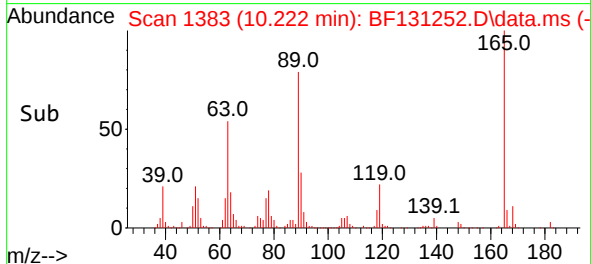


Tgt Ion:165 Resp: 169159
Ion Ratio Lower Upper
165 100
63 54.5 46.0 69.0
89 78.8 66.2 99.4
182 2.8 2.3 3.5

Manual Integrations

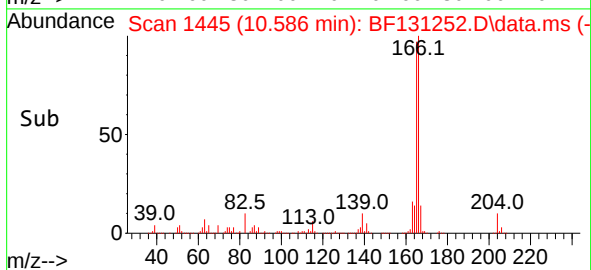
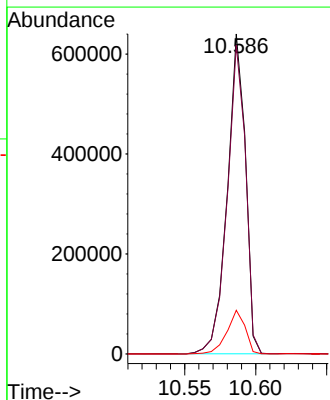
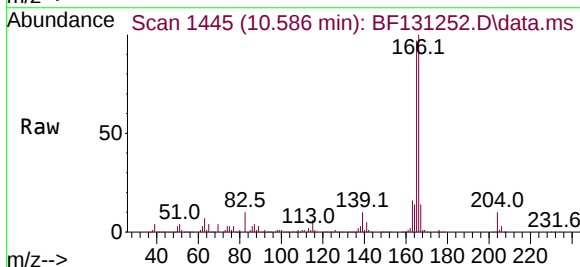
APPROVED

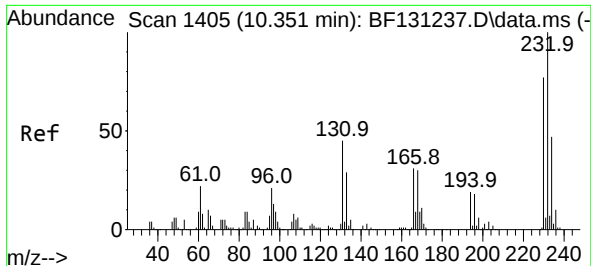
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#58
Fluorene
Concen: 39.875 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

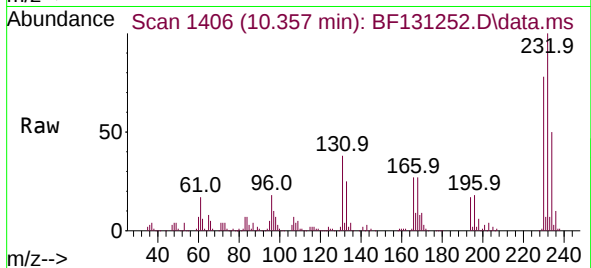
Tgt Ion:166 Resp: 570565
Ion Ratio Lower Upper
166 100
165 96.5 77.4 116.0
167 13.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.125 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

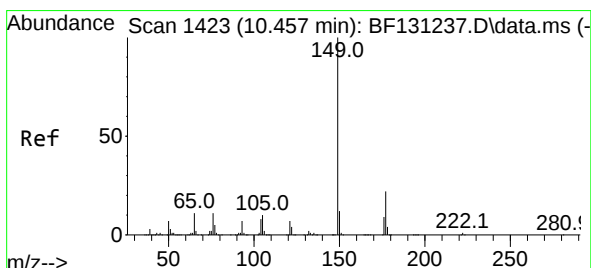
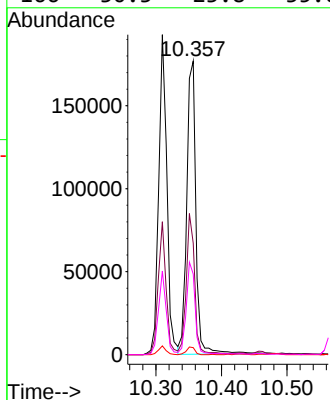
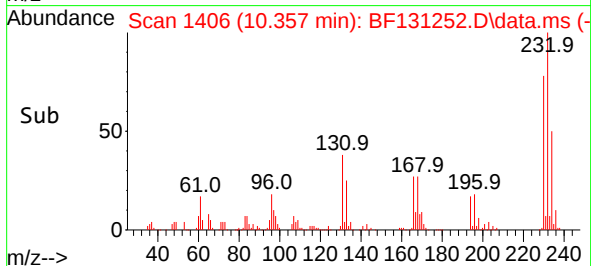
Instrument :
BNA_F
ClientSampleId :
PB148901BS



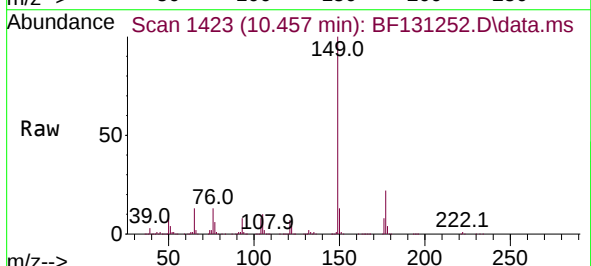
Tgt Ion:232 Resp: 172359
Ion Ratio Lower Upper
232 100
131 42.8 34.6 51.8
130 2.4 1.9 2.9
166 30.3 23.8 35.6

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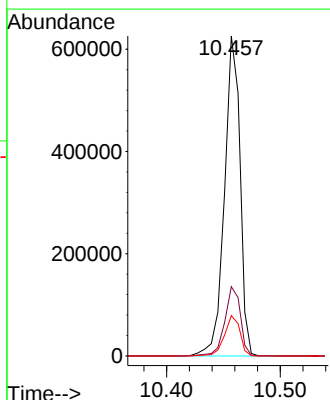
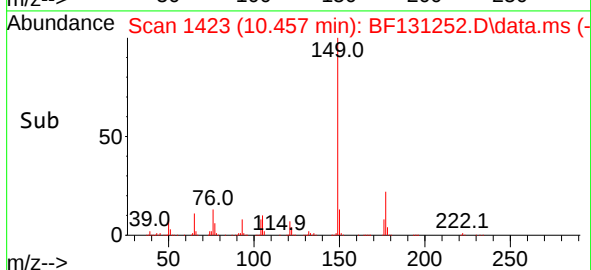
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

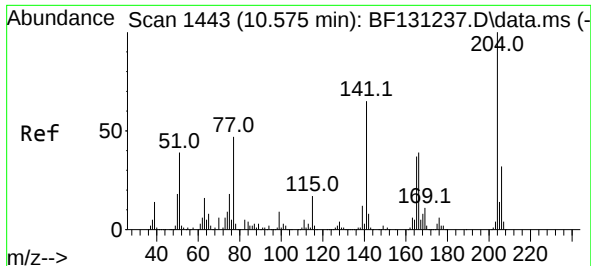


#60
Diethylphthalate
Concen: 41.034 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



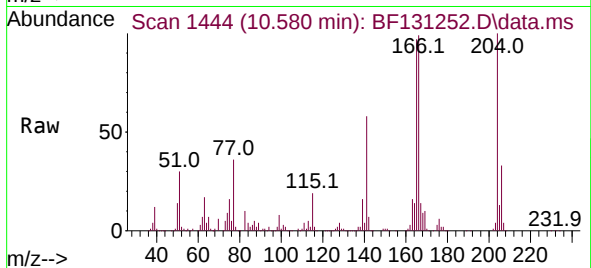
Tgt Ion:149 Resp: 593858
Ion Ratio Lower Upper
149 100
177 21.6 17.9 26.9
150 12.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.094 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

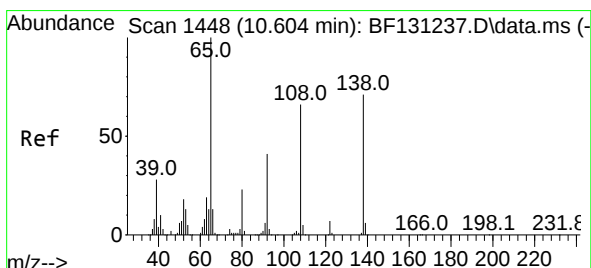
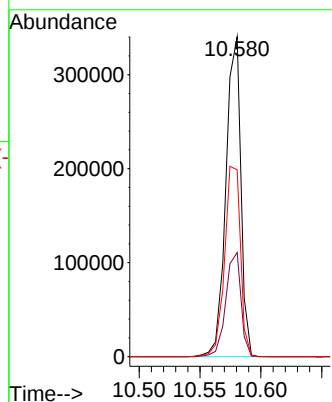
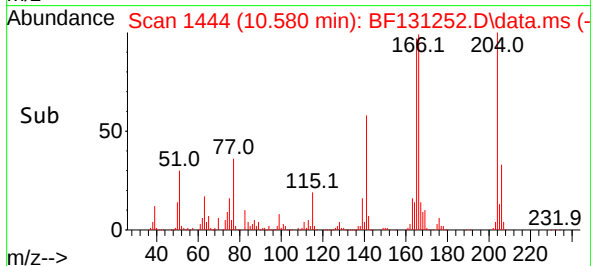
Instrument :
BNA_F
ClientSampleId :
PB148901BS



Tgt Ion:204 Resp: 290746
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 58.4 52.1 78.1

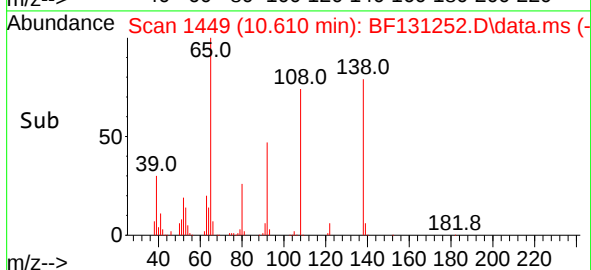
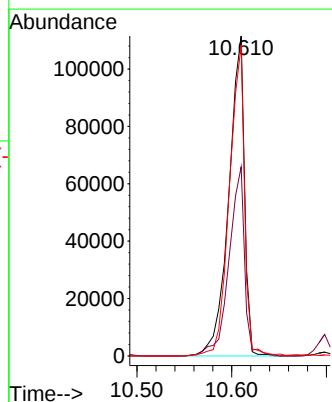
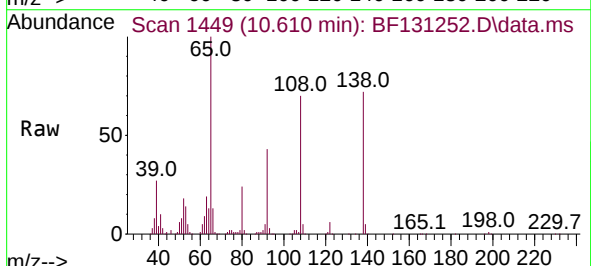
Manual Integrations
APPROVED

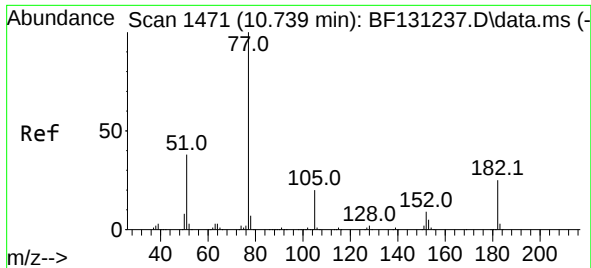
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#62
4-Nitroaniline
Concen: 41.014 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

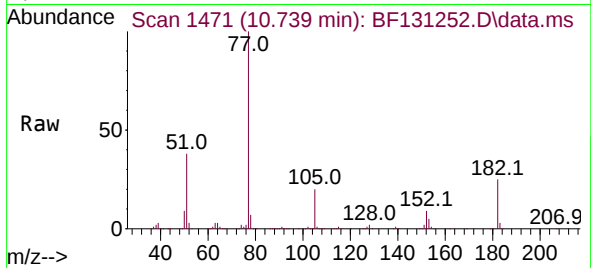
Tgt Ion:138 Resp: 128613
Ion Ratio Lower Upper
138 100
92 59.1 37.6 77.6
108 97.1 73.2 113.2





#63
Azobenzene
Concen: 40.268 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

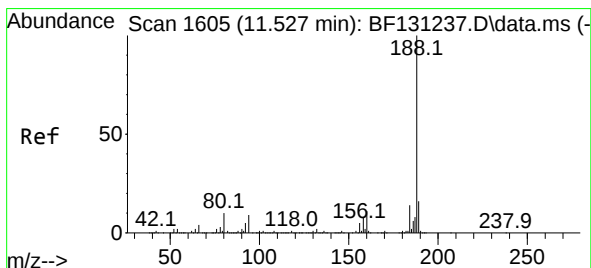
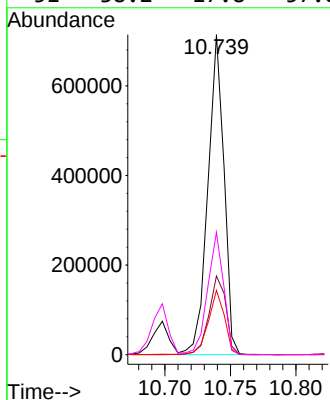
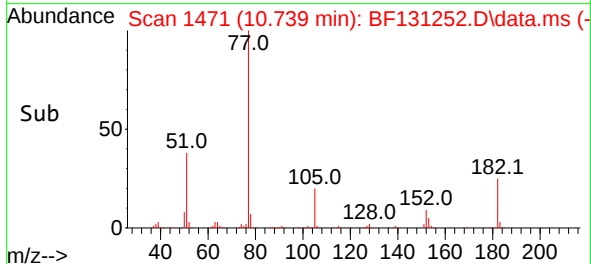
Instrument :
BNA_F
ClientSampleId :
PB148901BS



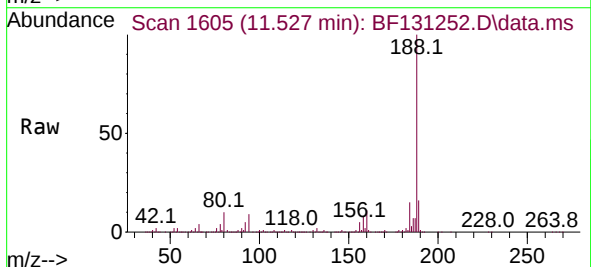
Tgt Ion: 77 Resp: 610162
Ion Ratio Lower Upper
77 100
182 24.6 5.0 45.0
105 20.1 0.1 40.1
51 38.2 17.8 57.8

Manual Integrations
APPROVED

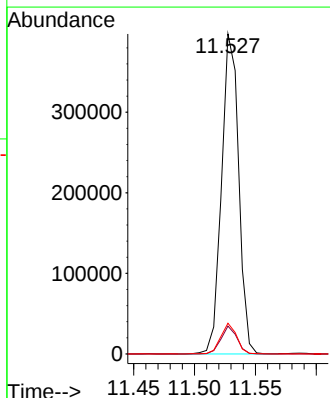
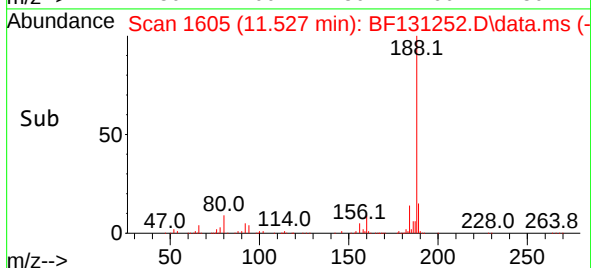
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

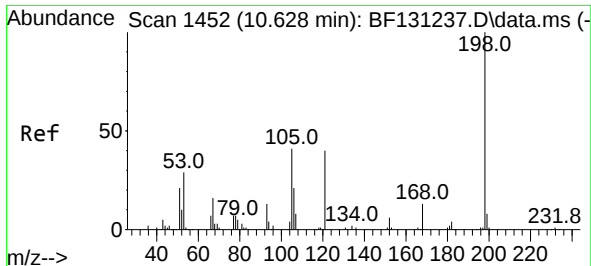


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



Tgt Ion:188 Resp: 387952
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.6 8.0 12.0





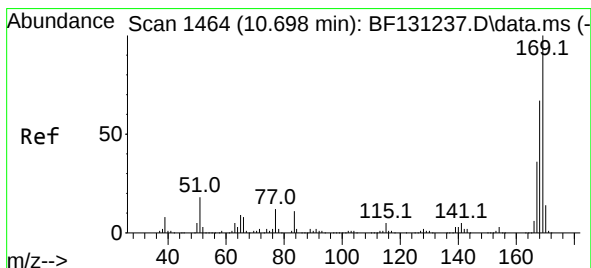
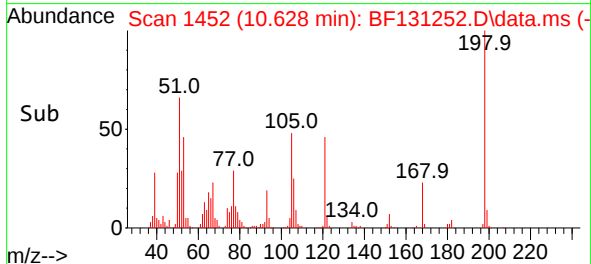
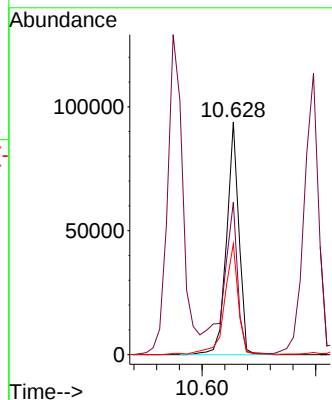
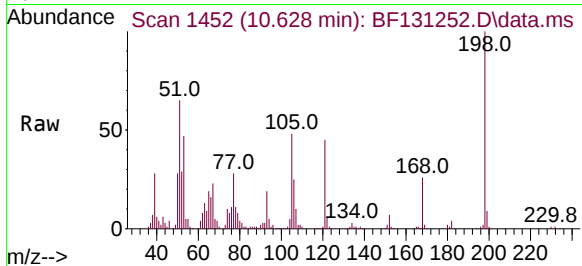
#65
4,6-Dinitro-2-methylphenol
Concen: 41.620 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.001 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Instrument :
BNA_F
ClientSampleId :
PB148901BS

Tgt Ion:198 Resp: 70405
Ion Ratio Lower Upper
198 100
51 65.5 29.4 69.4
105 47.7 22.2 62.2

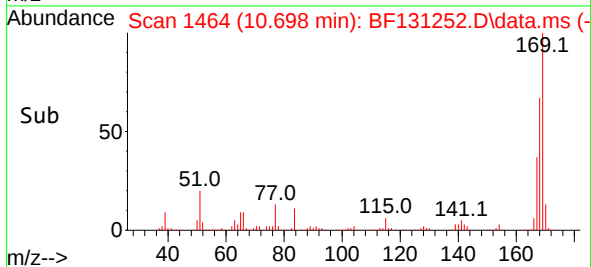
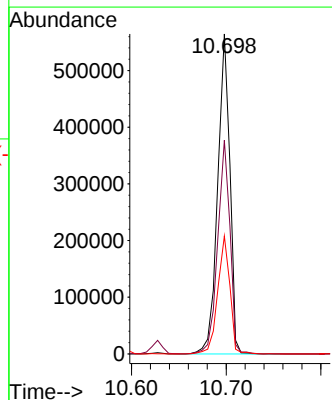
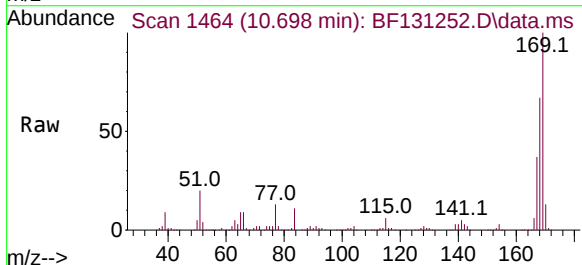
Manual Integrations
APPROVED

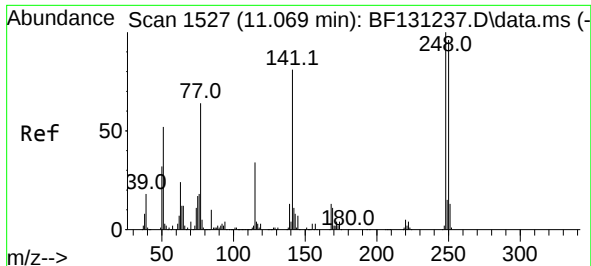
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#66
n-Nitrosodiphenylamine
Concen: 40.795 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

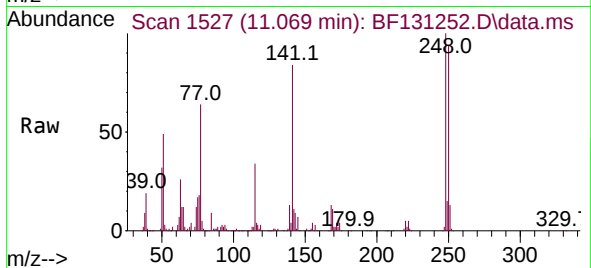
Tgt Ion:169 Resp: 502818
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 36.8 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 42.390 ng
RT: 11.069 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

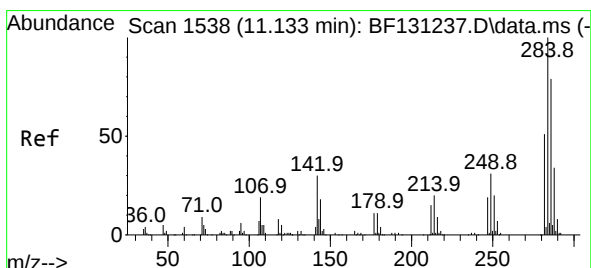
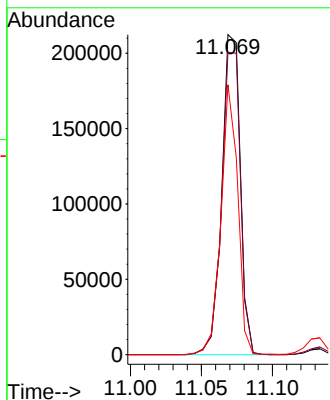
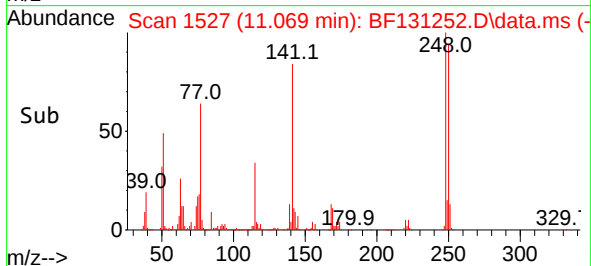
Instrument :
BNA_F
ClientSampleId :
PB148901BS



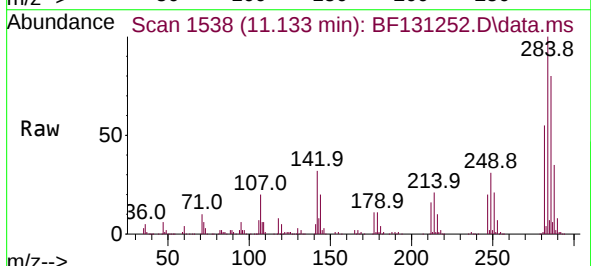
Tgt Ion:248 Resp: 193092
Ion Ratio Lower Upper
248 100
250 94.5 76.6 114.8
141 84.3 64.7 97.1

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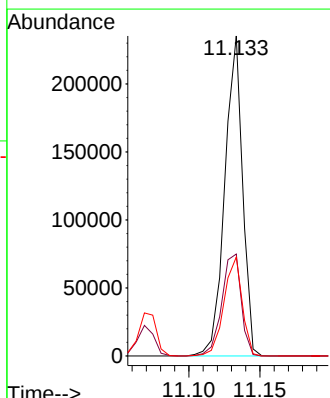
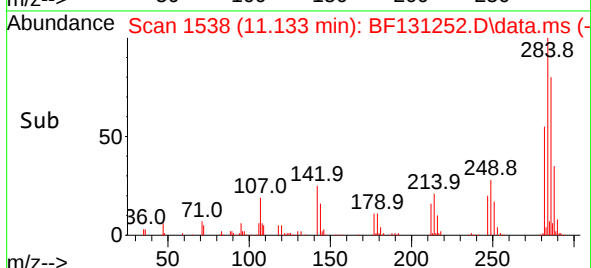
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

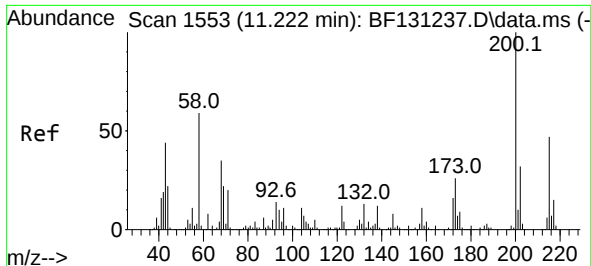


#68
Hexachlorobenzene
Concen: 41.480 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



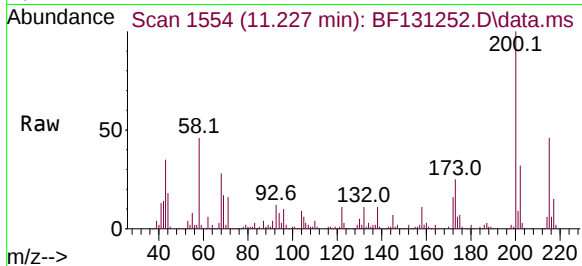
Tgt Ion:284 Resp: 204764
Ion Ratio Lower Upper
284 100
142 31.8 24.3 36.5
249 30.9 24.8 37.2





#69
 Atrazine
 Concen: 43.352 ng
 RT: 11.227 min Scan# 1553
 Delta R.T. 0.006 min
 Lab File: BF131252.D
 Acq: 16 Nov 2022 01:44

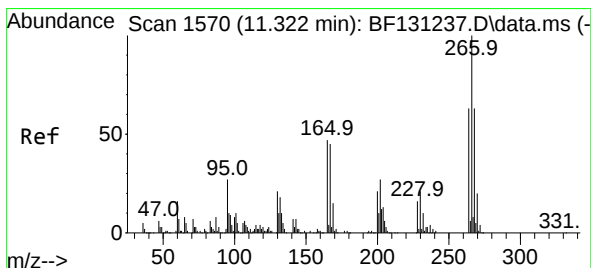
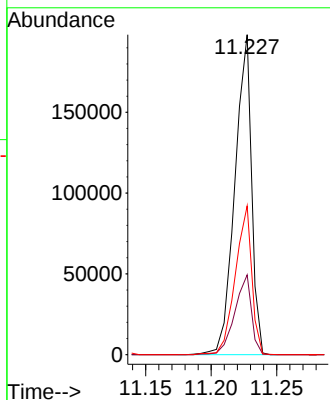
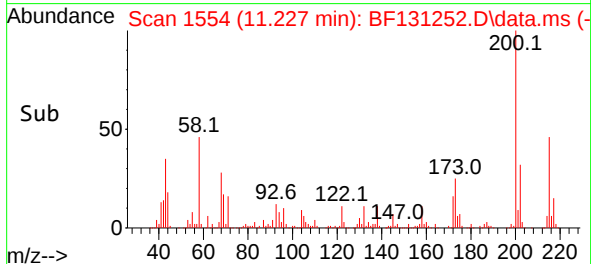
Instrument :
 BNA_F
 ClientSampleId :
 PB148901BS



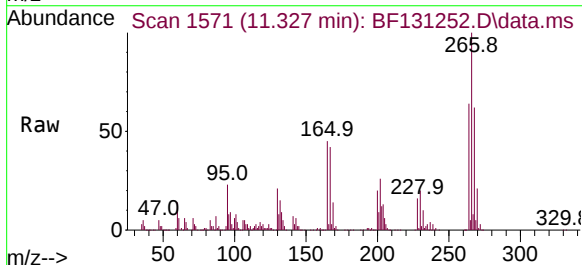
Tgt Ion:200 Resp: 175146
 Ion Ratio Lower Upper
 200 100
 173 24.9 6.4 46.4
 215 46.5 26.5 66.5

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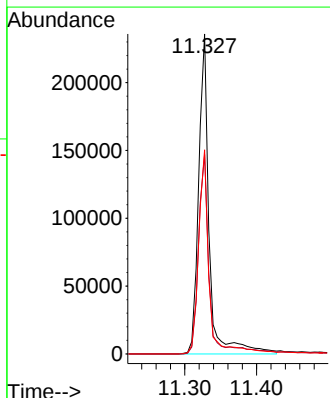
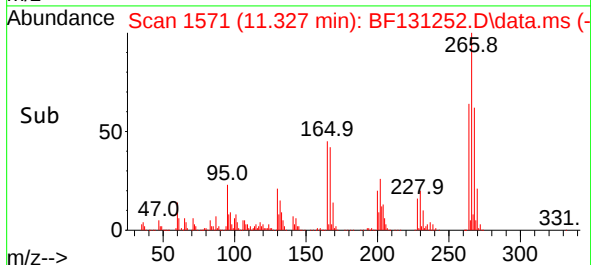
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022

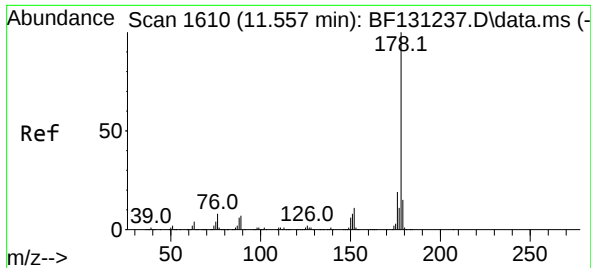


#70
 Pentachlorophenol
 Concen: 83.191 ng m
 RT: 11.327 min Scan# 1571
 Delta R.T. 0.006 min
 Lab File: BF131252.D
 Acq: 16 Nov 2022 01:44



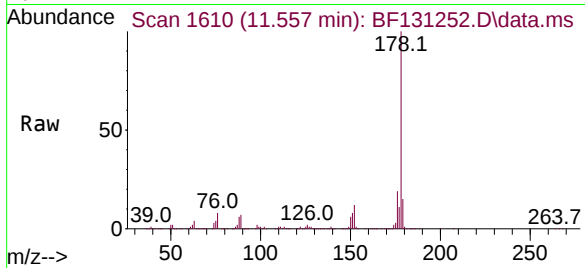
Tgt Ion:266 Resp: 239699
 Ion Ratio Lower Upper
 266 100
 268 62.3 50.5 75.7
 264 63.8 50.4 75.6





#71
Phenanthrene
Concen: 40.182 ng
RT: 11.557 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

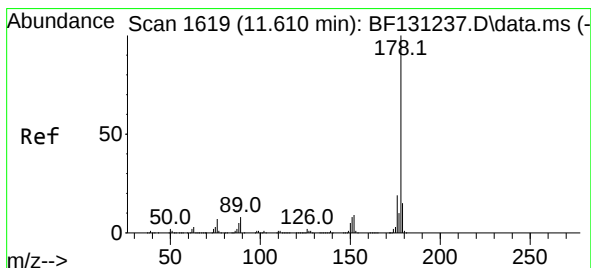
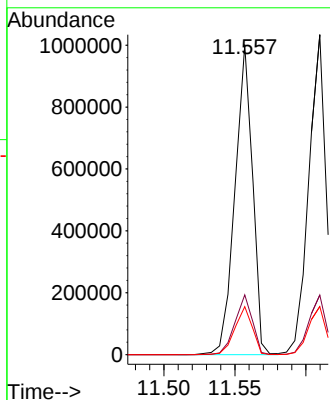
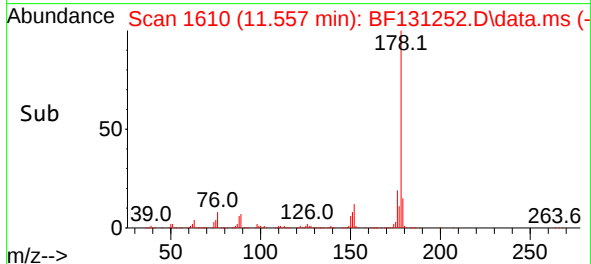
Instrument :
BNA_F
ClientSampleId :
PB148901BS



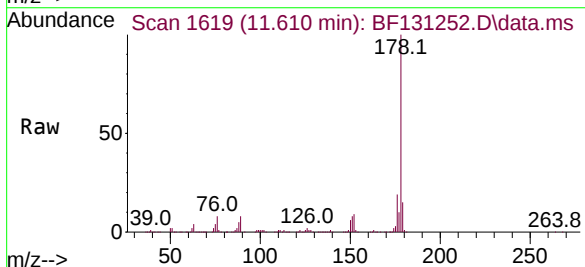
Tgt Ion:178 Resp: 860324
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.5 12.1 18.1

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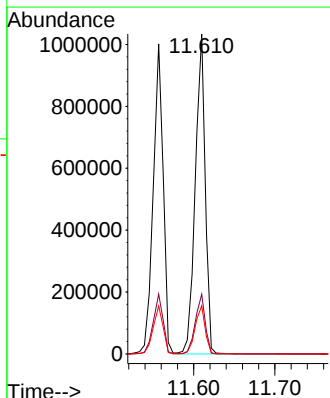
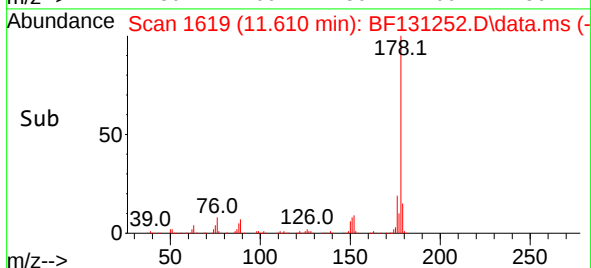
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

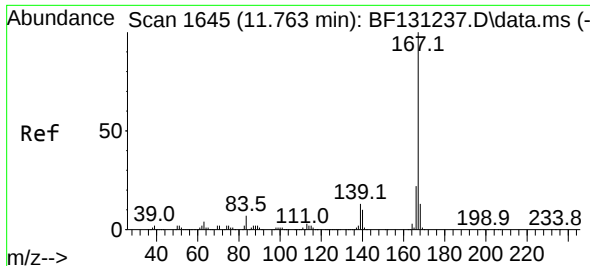


#72
Anthracene
Concen: 41.873 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



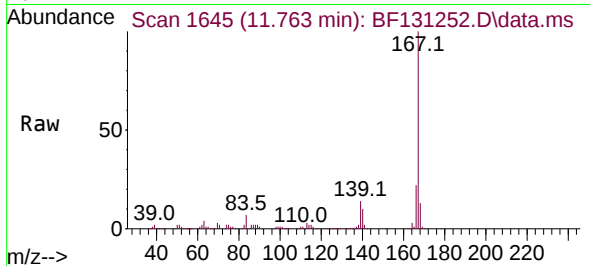
Tgt Ion:178 Resp: 875782
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 15.0 12.2 18.2





#73
 Carbazole
 Concen: 41.708 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. 0.000 min
 Lab File: BF131252.D
 Acq: 16 Nov 2022 01:44

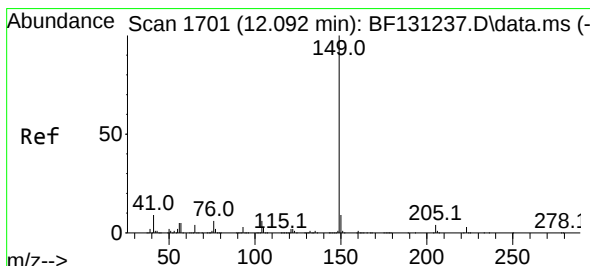
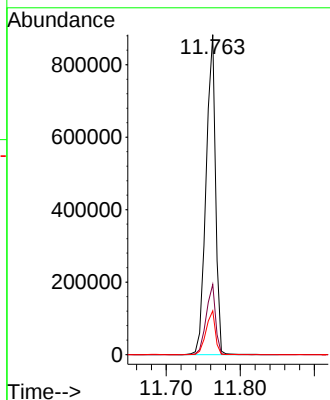
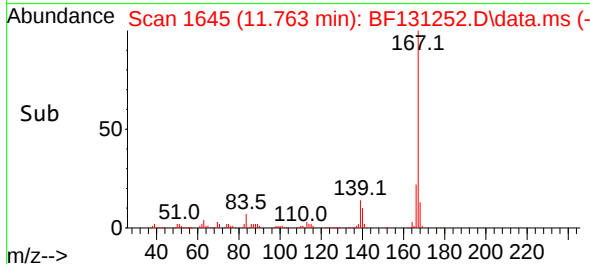
Instrument :
 BNA_F
 ClientSampleId :
 PB148901BS



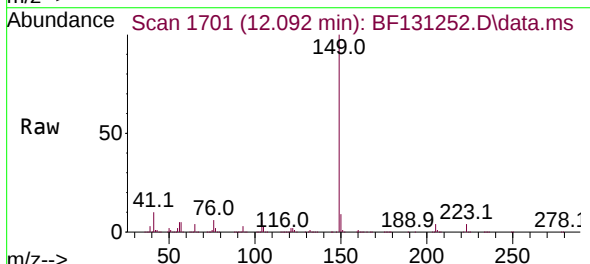
Tgt Ion:167 Resp: 780852
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 13.7 10.3 15.5

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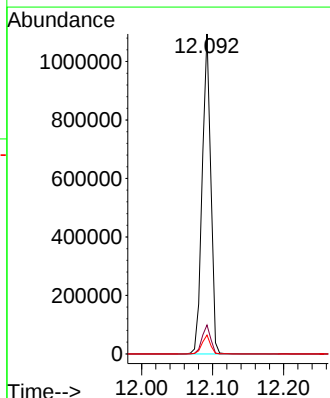
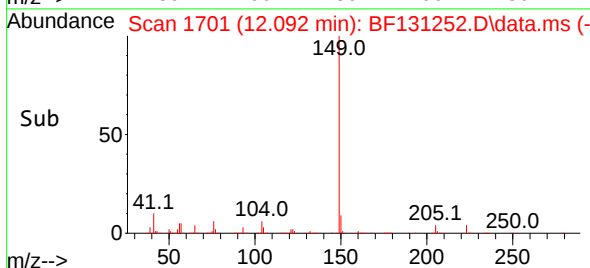
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022

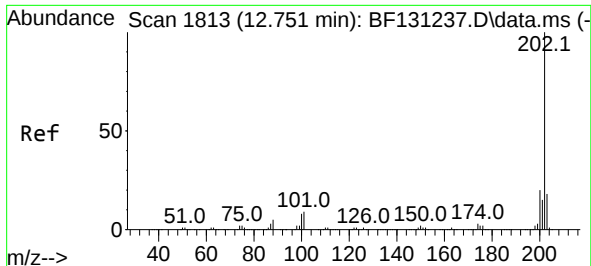


#74
 Di-n-butylphthalate
 Concen: 41.590 ng
 RT: 12.092 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: BF131252.D
 Acq: 16 Nov 2022 01:44



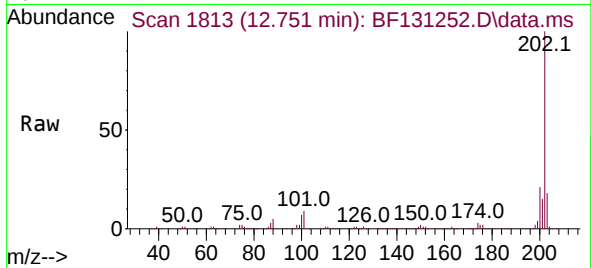
Tgt Ion:149 Resp: 906182
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.9 4.5 6.7





#75
Fluoranthene
Concen: 41.245 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

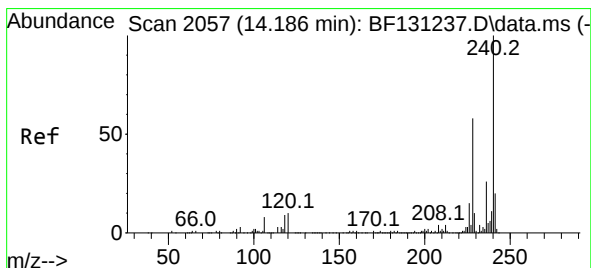
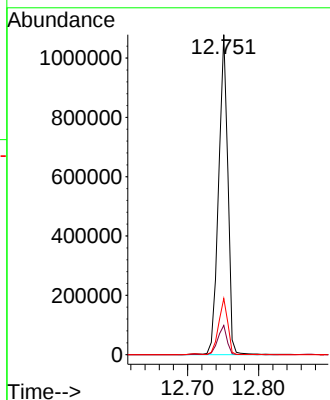
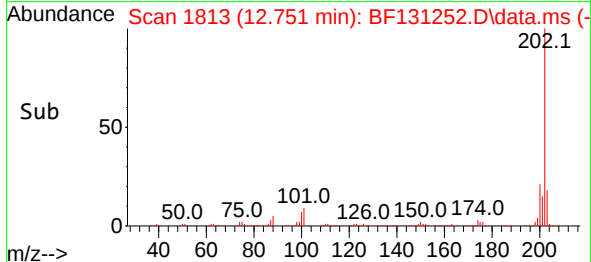
Instrument :
BNA_F
ClientSampleId :
PB148901BS



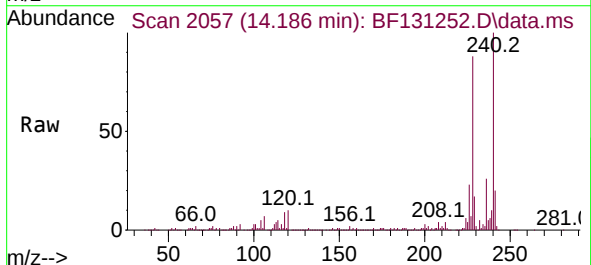
Tgt Ion:202 Resp: 973922
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.4
203 17.5 0.0 37.7

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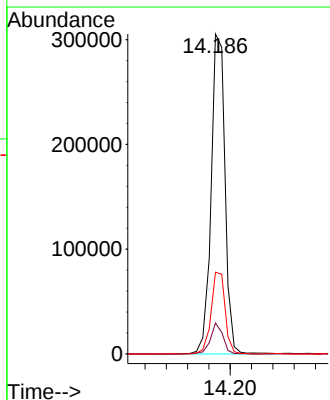
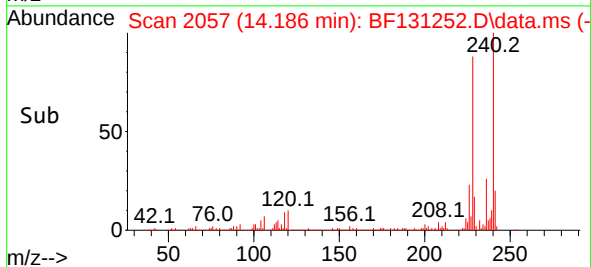
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

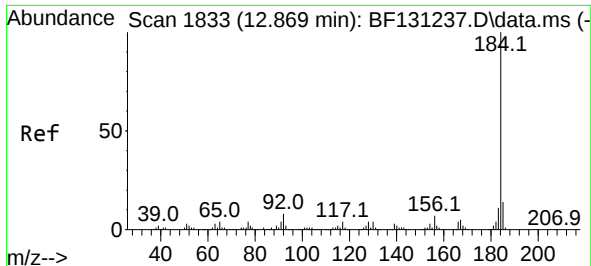


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



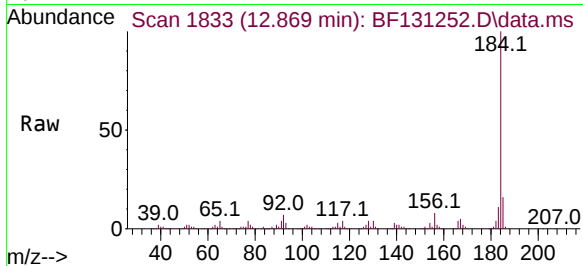
Tgt Ion:240 Resp: 277425
Ion Ratio Lower Upper
240 100
120 9.6 7.8 11.6
236 25.5 20.6 31.0





#77
Benzidine
Concen: 35.006 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

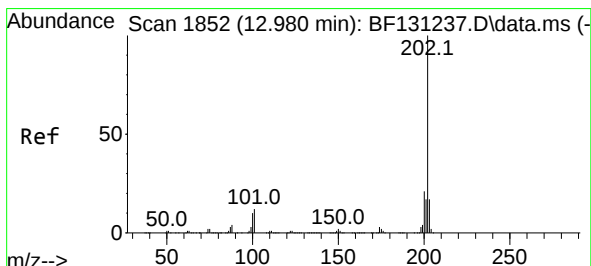
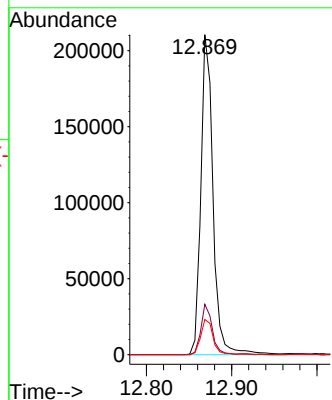
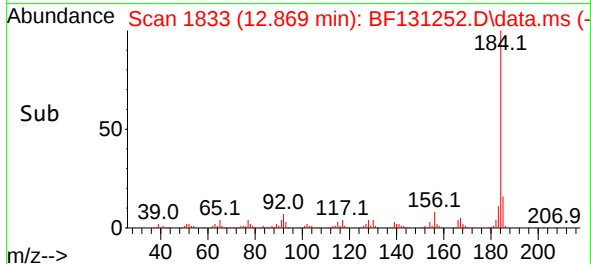
Instrument :
BNA_F
ClientSampleId :
PB148901BS



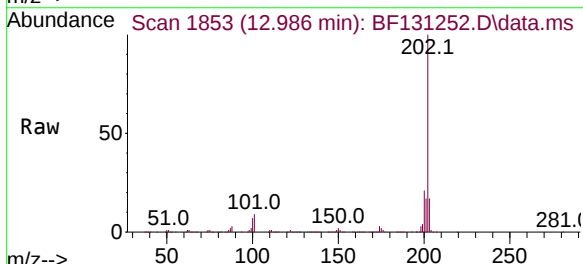
Tgt Ion:184 Resp: 208114
Ion Ratio Lower Upper
184 100
185 15.7 11.4 17.2
183 11.0 9.0 13.4

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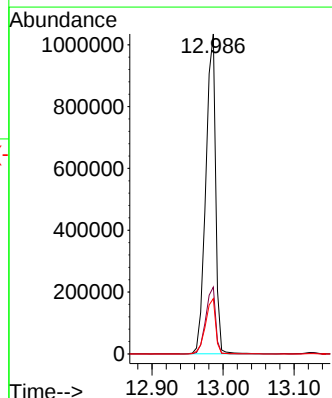
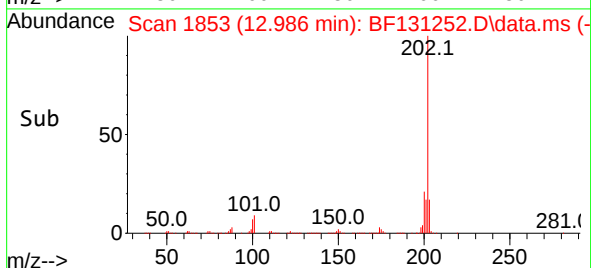
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

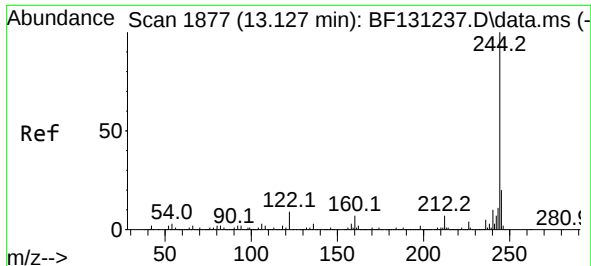


#78
Pyrene
Concen: 41.293 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



Tgt Ion:202 Resp: 987509
Ion Ratio Lower Upper
202 100
200 20.9 16.4 24.6
203 17.3 14.0 21.0





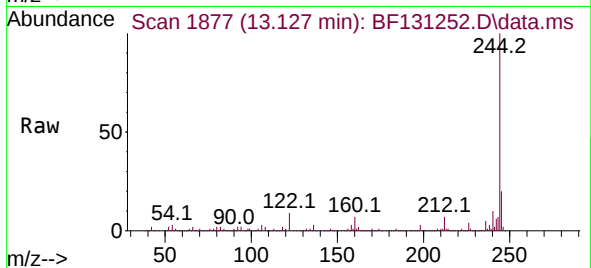
#79
Terphenyl-d14
Concen: 90.073 ng
RT: 13.127 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

ClientSampleId :

PB148901BS

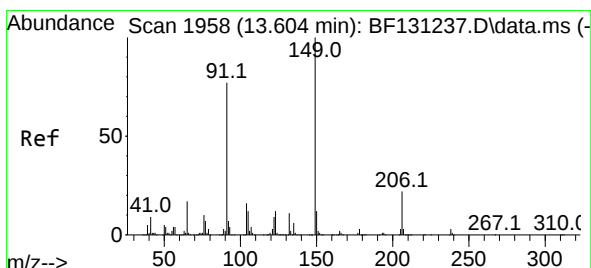
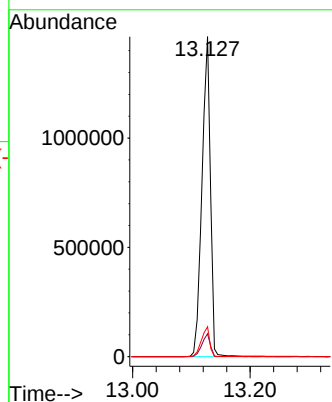
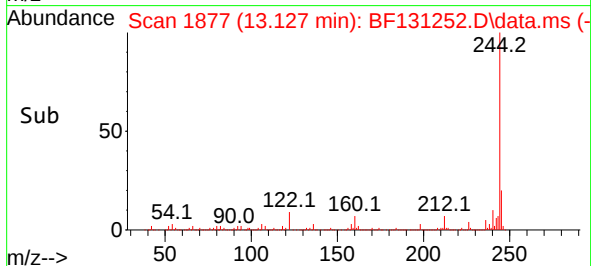


Tgt Ion:244 Resp: 1455135
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.3 7.4 11.2

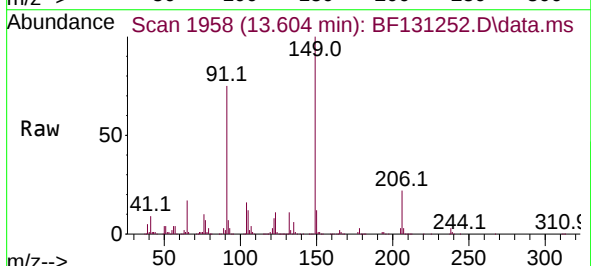
Manual Integrations

APPROVED

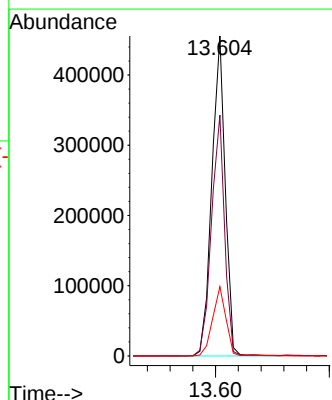
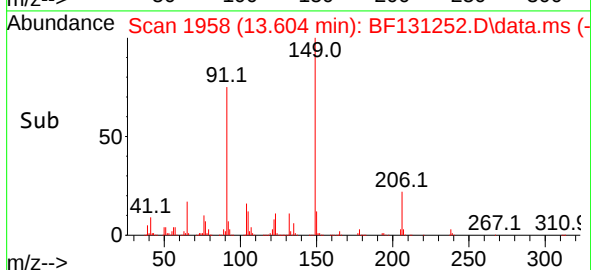
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

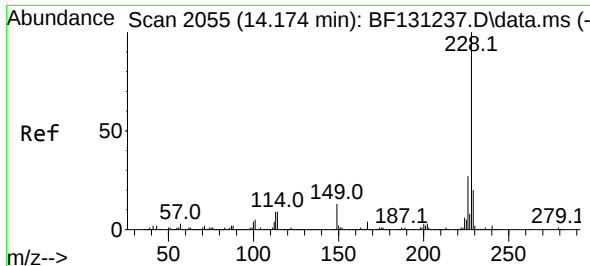


#80
Butylbenzylphthalate
Concen: 46.042 ng
RT: 13.604 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



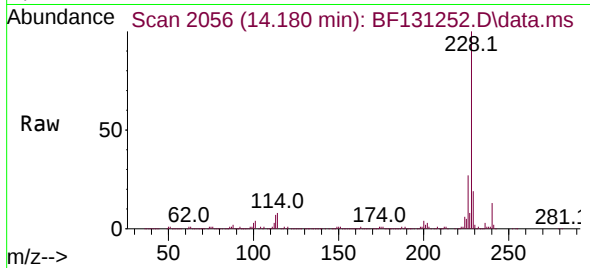
Tgt Ion:149 Resp: 373158
Ion Ratio Lower Upper
149 100
91 75.2 61.5 92.3
206 21.6 17.4 26.2





#81
Benzo(a)anthracene
Concen: 41.352 ng
RT: 14.180 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

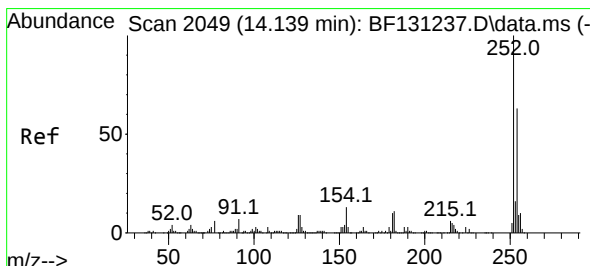
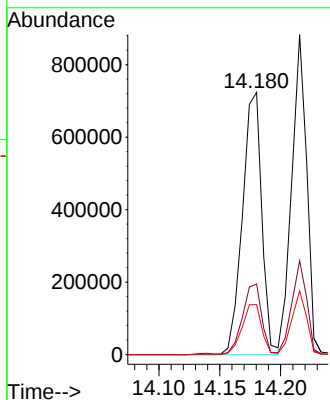
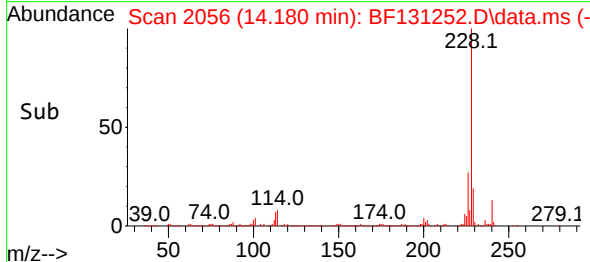
Instrument :
BNA_F
ClientSampleId :
PB148901BS



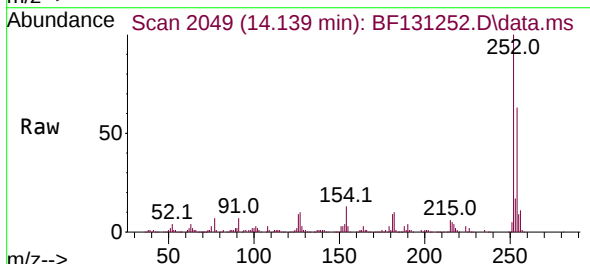
Tgt Ion:228 Resp: 797289
Ion Ratio Lower Upper
228 100
226 27.0 21.3 31.9
229 19.1 15.8 23.6

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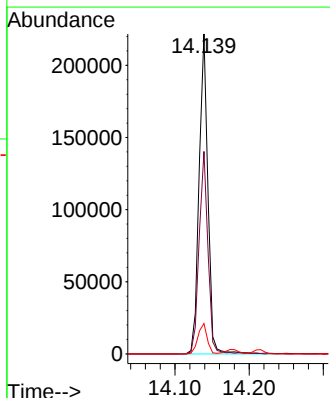
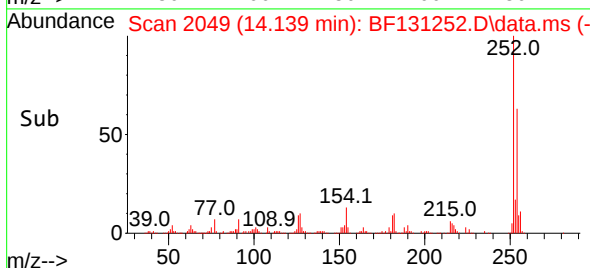
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

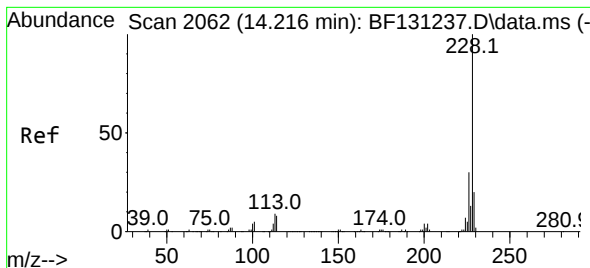


#82
3,3'-Dichlorobenzidine
Concen: 32.414 ng
RT: 14.139 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



Tgt Ion:252 Resp: 182871
Ion Ratio Lower Upper
252 100
254 63.3 50.2 75.4
126 9.5 7.4 11.2





#83

Chrysene

Concen: 40.445 ng

RT: 14.216 min Scan# 2062

Delta R.T. 0.000 min

Lab File: BF131252.D

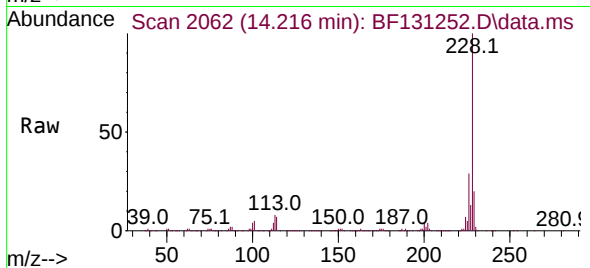
Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

ClientSampleId :

PB148901BS



Tgt Ion:228 Resp: 759662

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.6

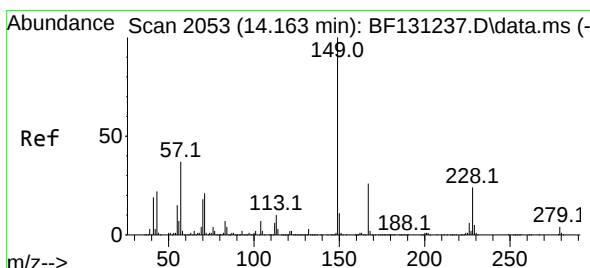
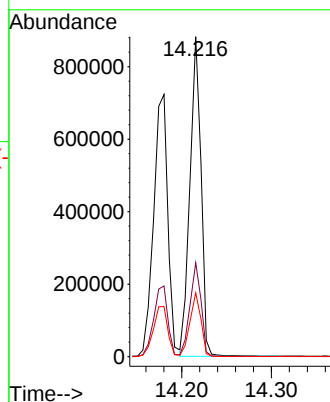
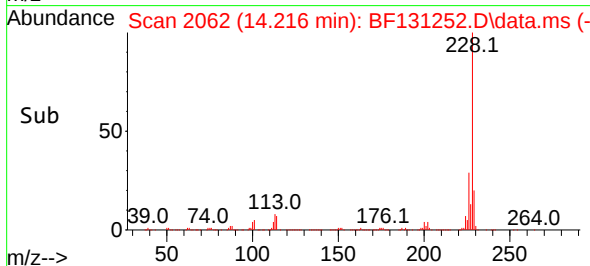
229 20.0 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.229 ng

RT: 14.163 min Scan# 2053

Delta R.T. 0.000 min

Lab File: BF131252.D

Acq: 16 Nov 2022 01:44

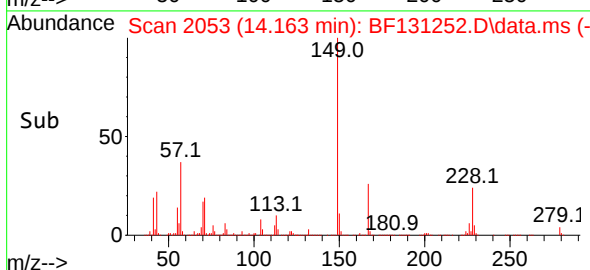
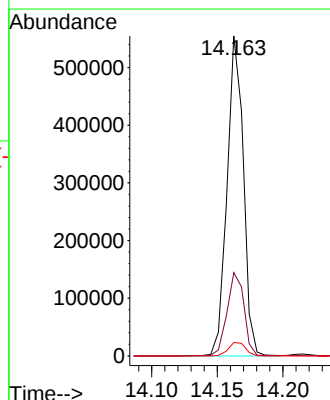
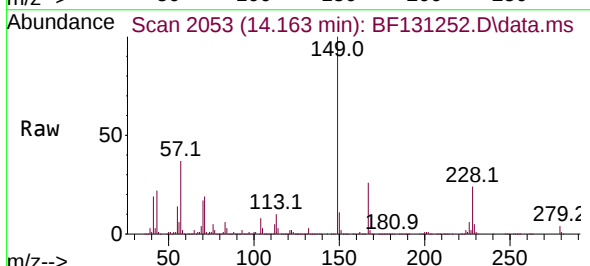
Tgt Ion:149 Resp: 481404

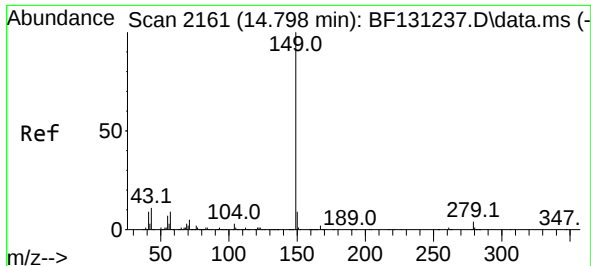
Ion Ratio Lower Upper

149 100

167 26.0 20.9 31.3

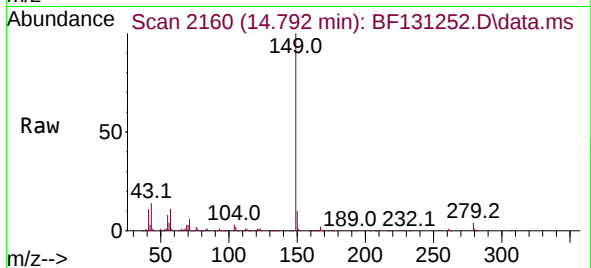
279 4.2 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 50.022 ng
RT: 14.792 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

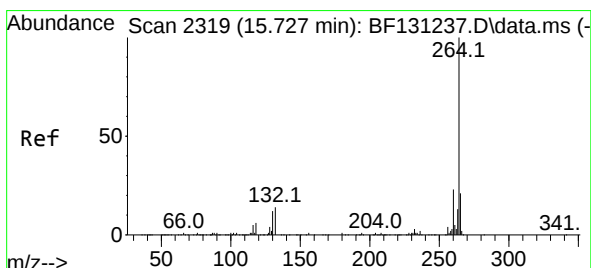
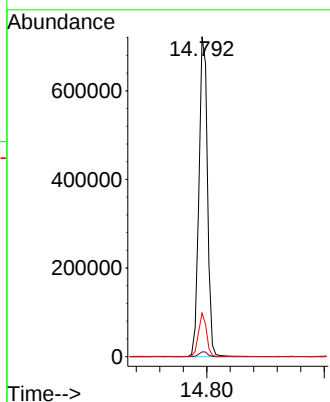
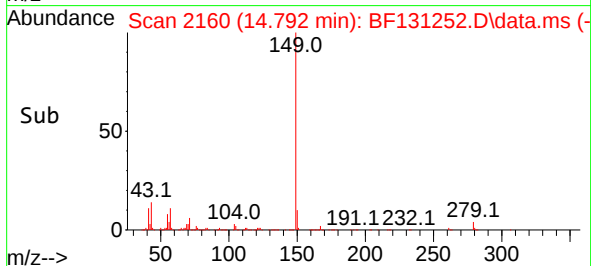
Instrument :
BNA_F
ClientSampleId :
PB148901BS



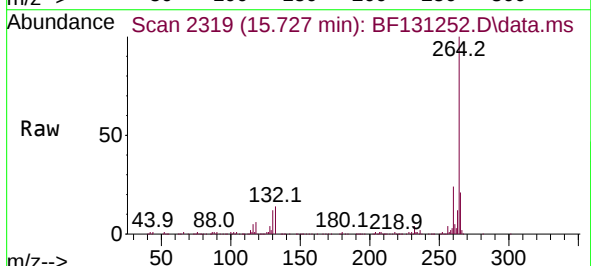
Tgt Ion:149 Resp: 720525
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.8 10.1 15.1

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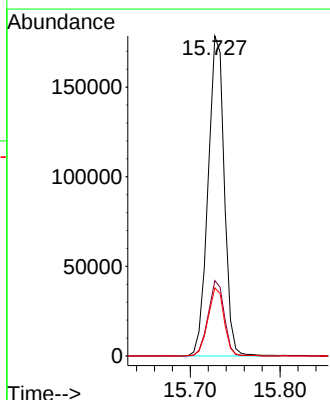
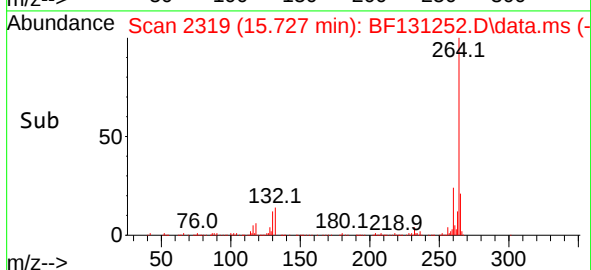
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

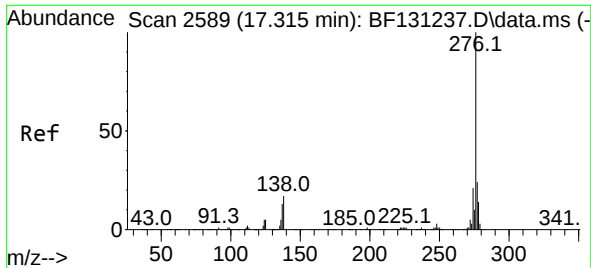


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.727 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



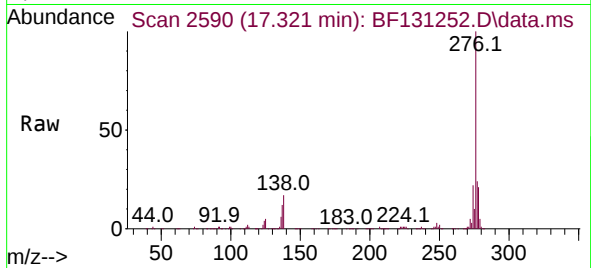
Tgt Ion:264 Resp: 225311
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 21.3 16.6 24.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.502 ng
RT: 17.321 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

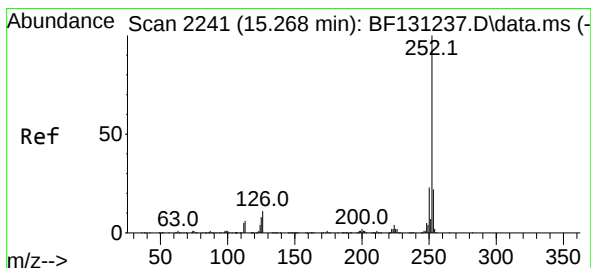
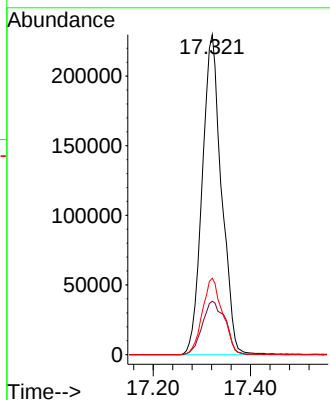
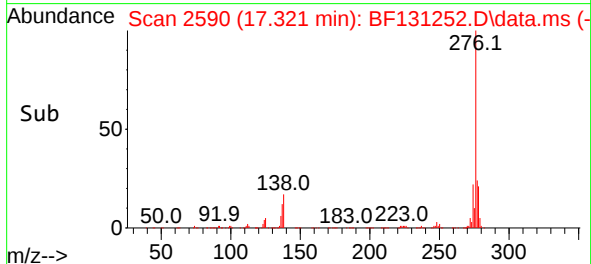
Instrument :
BNA_F
ClientSampleId :
PB148901BS



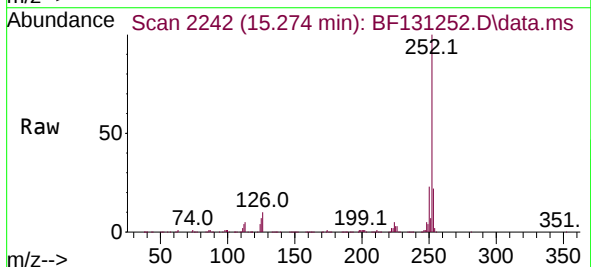
Tgt Ion:276 Resp: 632631
Ion Ratio Lower Upper
276 100
138 19.9 16.6 24.8
277 25.1 20.2 30.2

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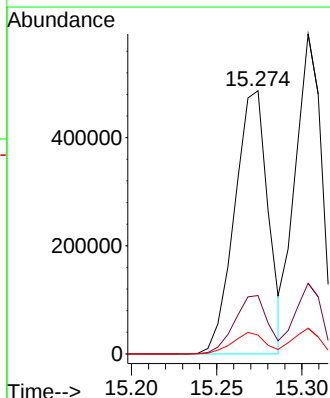
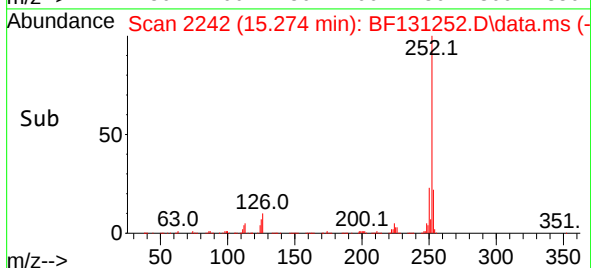
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

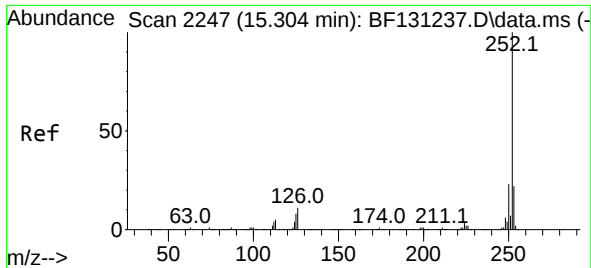


#88
Benzo(b)fluoranthene
Concen: 42.323 ng
RT: 15.274 min Scan# 2242
Delta R.T. 0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



Tgt Ion:252 Resp: 665787
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 7.2 6.6 9.8





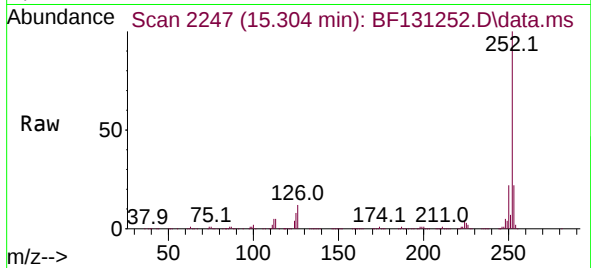
#89
Benzo(k)fluoranthene
Concen: 41.323 ng
RT: 15.304 min Scan# 2247
Delta R.T. -0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

ClientSampleId :

PB148901BS

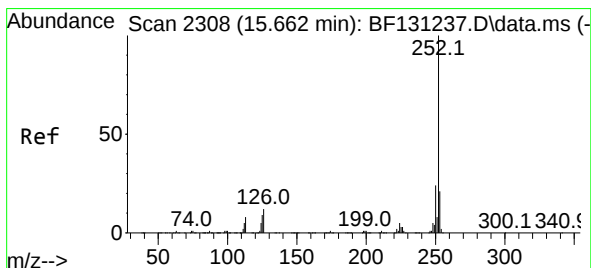
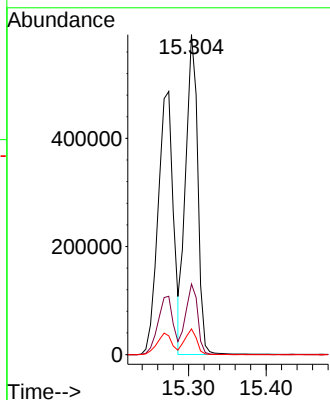
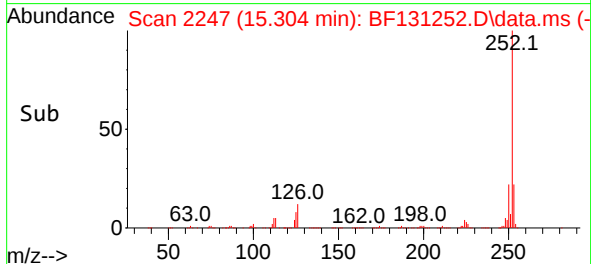


Tgt Ion:252 Resp: 644420
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.0 6.6 9.8

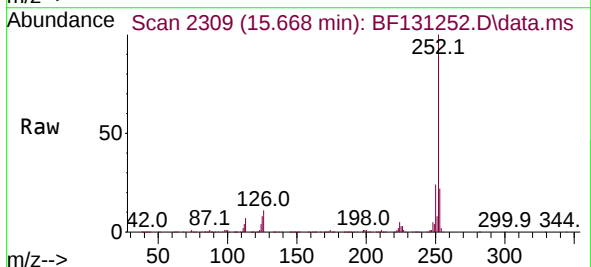
Manual Integrations

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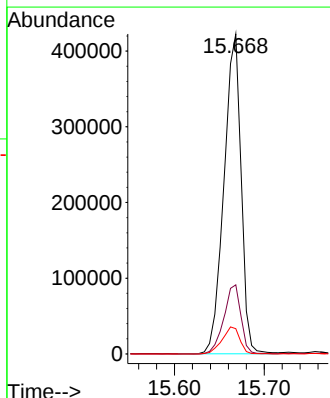
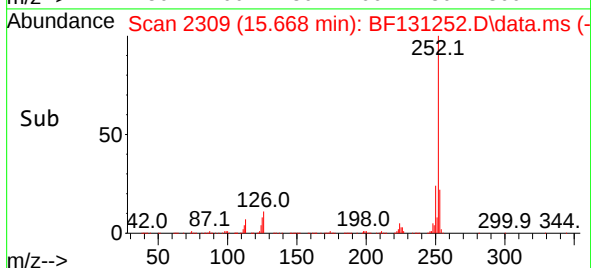
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

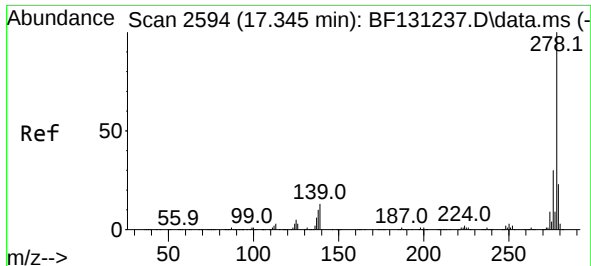


#90
Benzo(a)pyrene
Concen: 44.761 ng
RT: 15.668 min Scan# 2309
Delta R.T. 0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



Tgt Ion:252 Resp: 562862
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 7.9 7.0 10.4





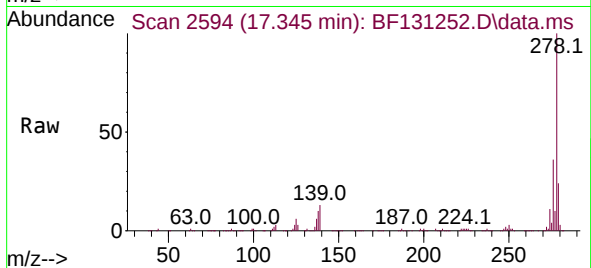
#91
Dibenzo(a,h)anthracene
Concen: 43.910 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.000 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44

Instrument :

BNA_F

ClientSampleId :

PB148901BS

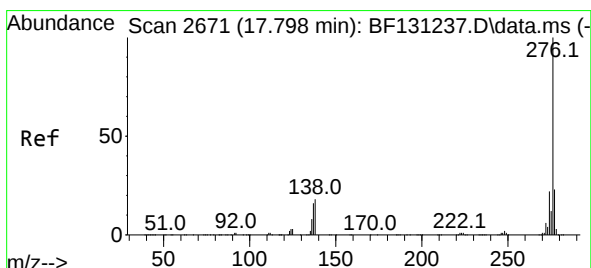
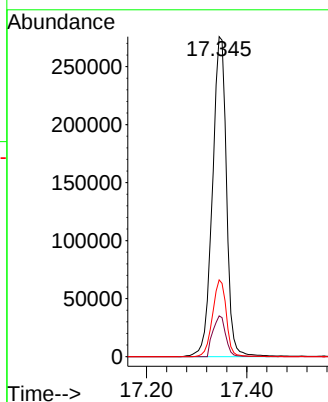
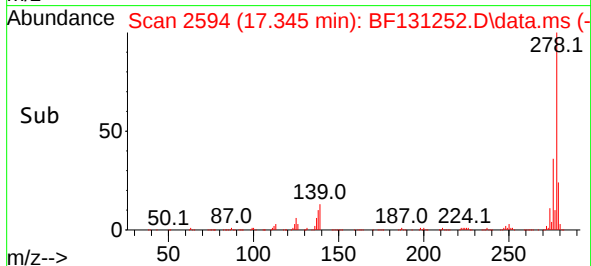


Tgt Ion:278 Resp: 536223
Ion Ratio Lower Upper
278 100
139 12.7 10.1 15.1
279 24.0 18.2 27.4

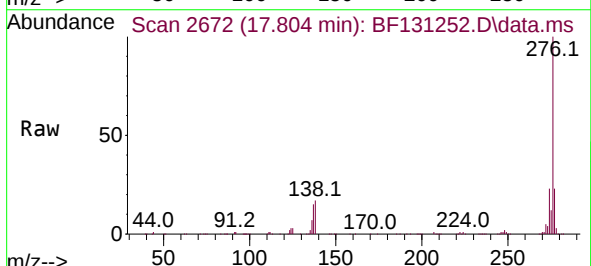
Manual Integrations

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



#92
Benzo(g,h,i)perylene
Concen: 38.933 ng
RT: 17.804 min Scan# 2672
Delta R.T. 0.006 min
Lab File: BF131252.D
Acq: 16 Nov 2022 01:44



Tgt Ion:276 Resp: 522126
Ion Ratio Lower Upper
276 100
277 23.5 18.6 27.8
138 17.2 14.5 21.7

