

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131847.D
 Acq On : 27 Dec 2022 20:34
 Operator : CG\JU
 Sample : N6208-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-122322MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/28/2022
 Supervised By : Jagrut Upadhyay 12/28/2022

Quant Time: Dec 28 00:40:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	72235	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	256037	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	136873	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	224270	20.000	ng	0.00
76) Chrysene-d12	14.033	240	136563	20.000	ng	0.00
86) Perylene-d12	15.515	264	139049	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	529197	121.409	ng	0.01
7) Phenol-d6	6.475	99	689850	120.463	ng	0.00
23) Nitrobenzene-d5	7.404	82	488073	76.109	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	168321	113.185	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	785155	78.573	ng	0.00
79) Terphenyl-d14	12.975	244	638659	79.107	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	80449	39.801	ng	99
3) Pyridine	3.357	79	222059	39.078	ng	99
4) n-Nitrosodimethylamine	3.334	42	114165	42.729	ng	98
6) Aniline	6.498	93	102058	14.695	ng	99
8) 2-Chlorophenol	6.616	128	201115	43.794	ng	92
9) Benzaldehyde	6.387	77	147119	40.038	ng	99
10) Phenol	6.487	94	281671	41.303	ng	96
11) bis(2-Chloroethyl)ether	6.569	93	216071	44.306	ng	97
12) 1,3-Dichlorobenzene	6.775	146	223579	42.603	ng	99
13) 1,4-Dichlorobenzene	6.851	146	224520	42.452	ng	98
14) 1,2-Dichlorobenzene	7.004	146	214824	43.228	ng	99
15) Benzyl Alcohol	6.981	79	221470	44.101	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.110	45	276348	44.404	ng	97
17) 2-Methylphenol	7.098	107	176604	42.066	ng	98
18) Hexachloroethane	7.345	117	92292	43.215	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	176144	43.552	ng	97
20) 3+4-Methylphenols	7.251	107	229703	41.934	ng	# 91
22) Acetophenone	7.251	105	327194	43.589	ng	96
24) Nitrobenzene	7.428	77	269918	41.999	ng	98
25) Isophorone	7.663	82	478062	45.648	ng	99
26) 2-Nitrophenol	7.740	139	107253	42.922	ng	92
27) 2,4-Dimethylphenol	7.781	122	180071	50.520	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	271081	48.249	ng	99
29) 2,4-Dichlorophenol	7.987	162	177719	41.385	ng	96
30) 1,2,4-Trichlorobenzene	8.063	180	213530	41.939	ng	99
31) Naphthalene	8.145	128	574154	40.947	ng	100
32) Benzoic acid	7.910	122	105863	40.635	ng	94
33) 4-Chloroaniline	8.198	127	29290	5.444	ng	95
34) Hexachlorobutadiene	8.257	225	142453	40.896	ng	99
35) Caprolactam	8.581	113	50346m	39.598	ng	
36) 4-Chloro-3-methylphenol	8.692	107	202012	41.623	ng	98
37) 2-Methylnaphthalene	8.839	142	388553	41.288	ng	100
38) 1-Methylnaphthalene	8.939	142	356568	39.007	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	221888	46.170	ng	99
41) Hexachlorocyclopentadiene	8.992	237	139600	66.023	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	134594	43.727	ng	96

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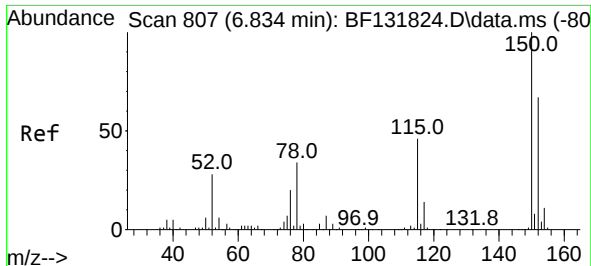
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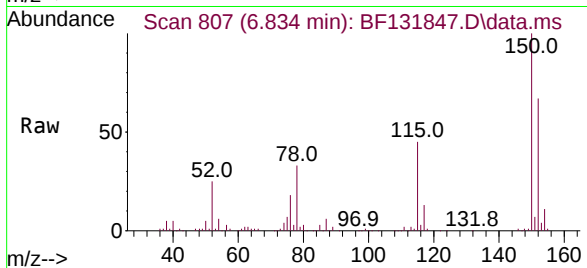
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	139228	41.844	ng	# 92
46) 1,1'-Biphenyl	9.310	154	480363	45.840	ng	99
47) 2-Chloronaphthalene	9.334	162	381442	43.999	ng	99
48) 2-Nitroaniline	9.434	65	132207	41.605	ng	92
49) Acenaphthylene	9.751	152	547165	42.386	ng	99
50) Dimethylphthalate	9.616	163	463841	44.794	ng	99
51) 2,6-Dinitrotoluene	9.681	165	95293	42.511	ng	96
52) Acenaphthene	9.922	154	326701	41.933	ng	99
53) 3-Nitroaniline	9.845	138	39732	17.396	ng	95
54) 2,4-Dinitrophenol	9.957	184	69337	53.751	ng	94
55) Dibenzofuran	10.098	168	506100	42.163	ng	99
56) 4-Nitrophenol	10.016	139	117458	73.411	ng	86
57) 2,4-Dinitrotoluene	10.086	165	126807	41.365	ng	94
58) Fluorene	10.439	166	392454	40.049	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	107654m	39.427	ng	
60) Diethylphthalate	10.316	149	431310	43.277	ng	100
61) 4-Chlorophenyl-phenylether	10.433	204	217876	42.769	ng	97
62) 4-Nitroaniline	10.469	138	78948	33.166	ng	94
63) Azobenzene	10.592	77	521241	47.126	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	51932	34.010	ng	90
66) n-Nitrosodiphenylamine	10.557	169	335395	49.026	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	123544	47.530	ng	# 91
68) Hexachlorobenzene	10.986	284	126555	44.322	ng	96
69) Atrazine	11.086	200	119701	53.148	ng	98
70) Pentachlorophenol	11.186	266	120311	85.151	ng	97
71) Phenanthrene	11.410	178	507183	41.124	ng	99
72) Anthracene	11.457	178	516100	42.778	ng	99
73) Carbazole	11.616	167	417666	39.215	ng	98
74) Di-n-butylphthalate	11.945	149	567616	44.091	ng	100
75) Fluoranthene	12.604	202	481235	33.500	ng	97
77) Benzidine	12.733	184	197152	87.848	ng	98
78) Pyrene	12.833	202	488536	42.681	ng	99
80) Butylbenzylphthalate	13.451	149	194533	45.821	ng	98
81) Benzo(a)anthracene	14.021	228	415859	42.059	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	61315	21.455	ng	99
83) Chrysene	14.063	228	399864	43.037	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	255724	49.470	ng	99
85) Di-n-octyl phthalate	14.627	149	435221	62.543	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	355612	40.255	ng	99
88) Benzo(b)fluoranthene	15.086	252	414475	40.652	ng	99
89) Benzo(k)fluoranthene	15.116	252	396431	40.242	ng	100
90) Benzo(a)pyrene	15.457	252	343739	43.547	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	300687	41.554	ng	99
92) Benzo(g,h,i)perylene	17.468	276	270706	33.419	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF131847.D
 Acq: 27 Dec 2022 20:34

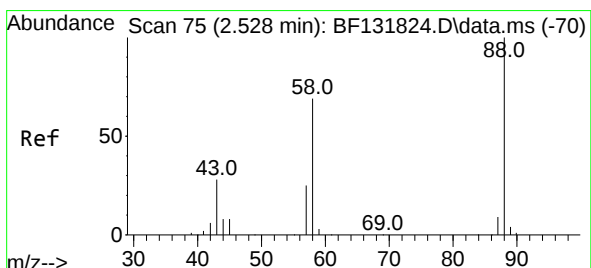
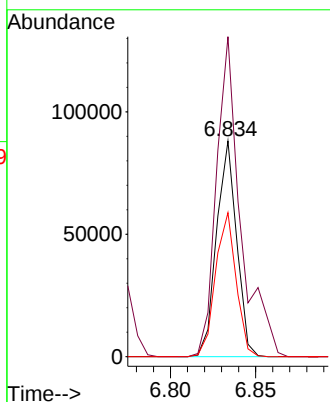
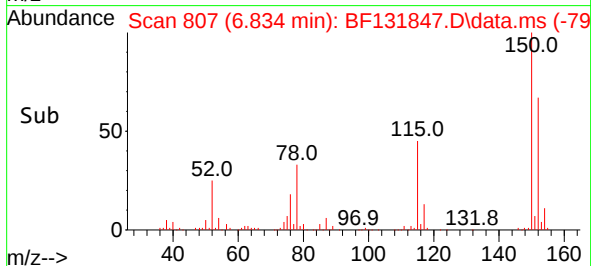
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-122322MS



Tgt Ion:152 Resp: 72235
 Ion Ratio Lower Upper
 152 100
 150 148.5 120.0 180.0
 115 66.8 55.1 82.7

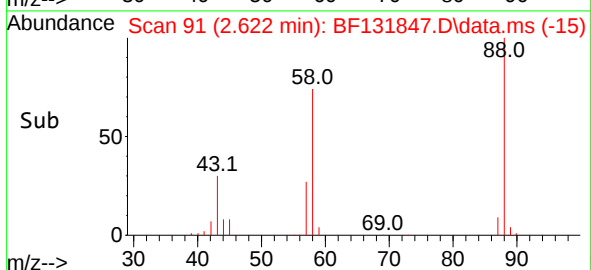
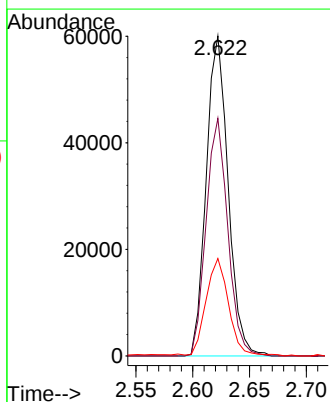
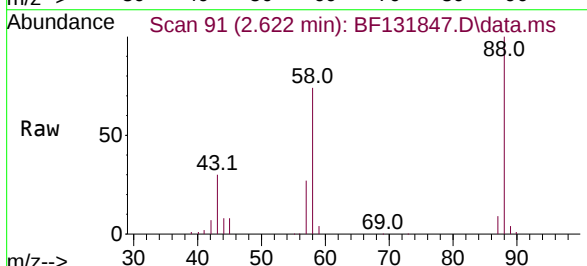
Manual Integrations
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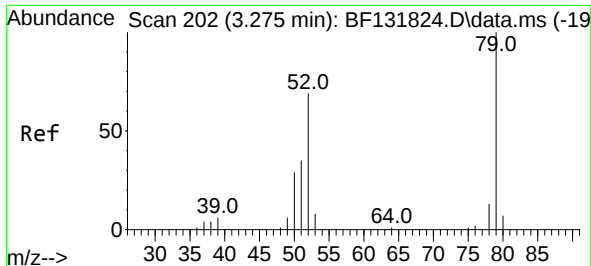
Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Jagrut Upadhyay 12/28/2022



#2
 1,4-Dioxane
 Concen: 39.801 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.094 min
 Lab File: BF131847.D
 Acq: 27 Dec 2022 20:34

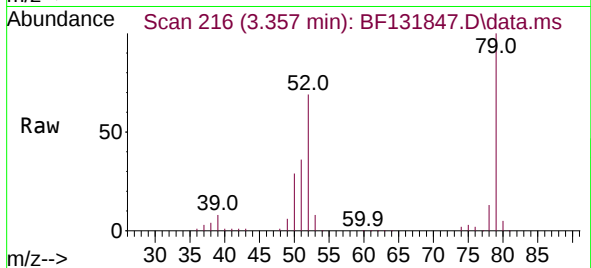
Tgt Ion: 88 Resp: 80449
 Ion Ratio Lower Upper
 88 100
 58 73.6 58.2 87.2
 43 31.6 24.2 36.4





#3
Pyridine
Concen: 39.078 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

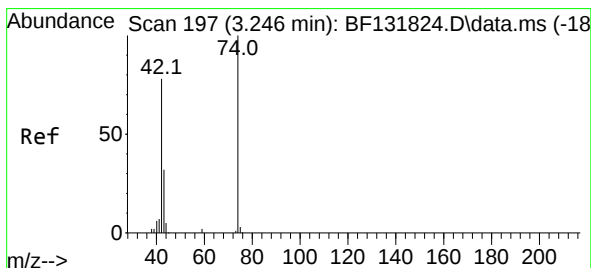
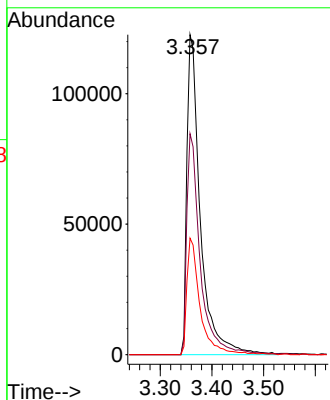
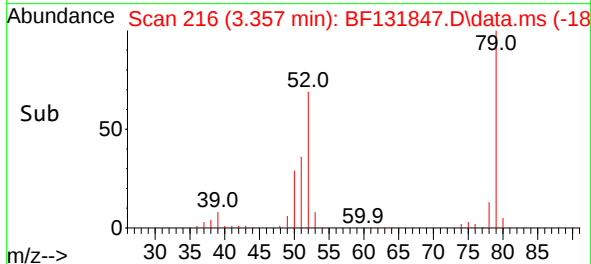
Instrument :
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Tgt Ion: 79 Resp: 222059
Ion Ratio Lower Upper
79 100
52 69.0 55.4 83.2
51 36.4 27.8 41.8

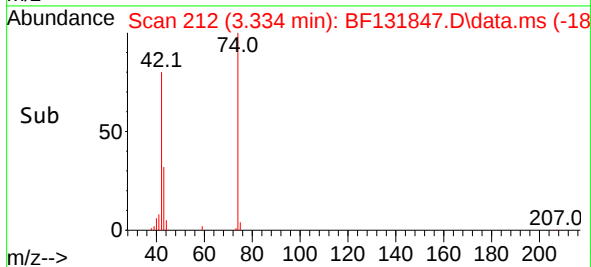
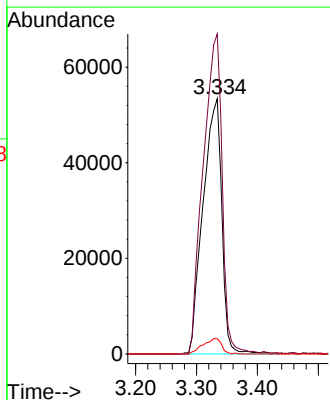
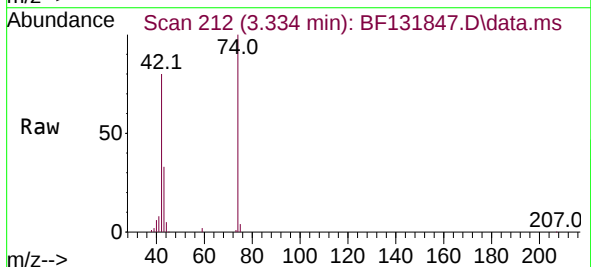
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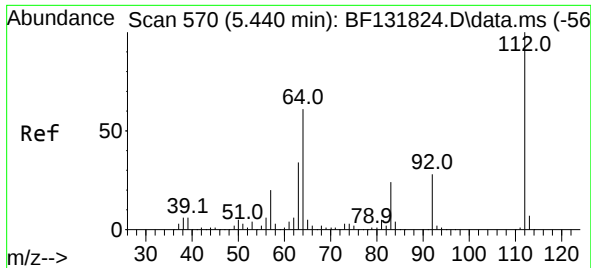
Reviewed By :Christian Giraldo 12/28/2022
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#4
n-Nitrosodimethylamine
Concen: 42.729 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.088 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion: 42 Resp: 114165
Ion Ratio Lower Upper
42 100
74 125.4 102.0 153.0
44 5.9 4.6 7.0





#5
2-Fluorophenol
Concen: 121.409 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

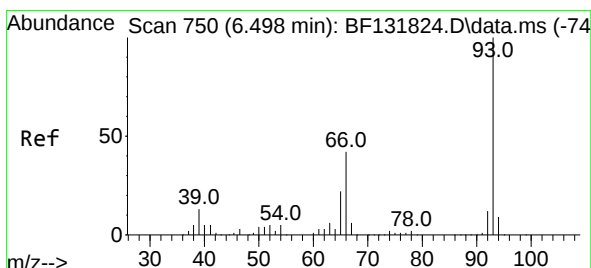
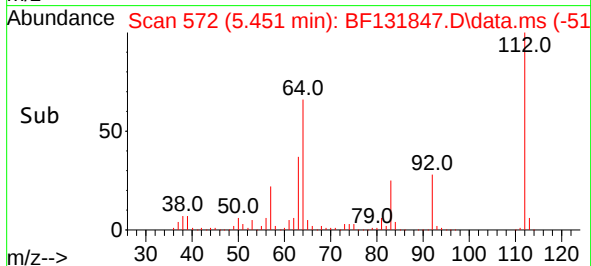
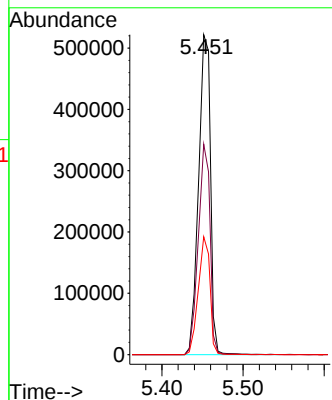
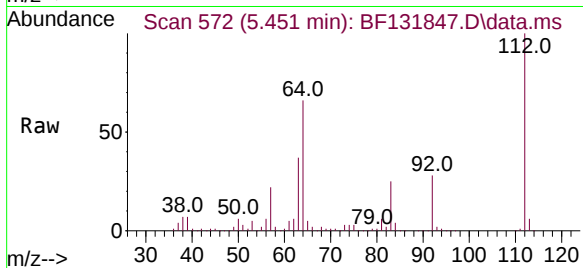
HD-01-122322MS

Tgt Ion:112 Resp: 529197
Ion Ratio Lower Upper
112 100
64 65.8 49.2 73.8
63 36.8 27.5 41.3

Manual Integrations

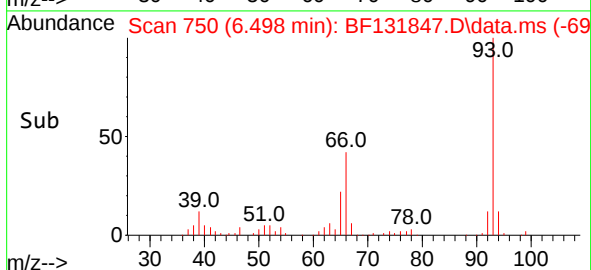
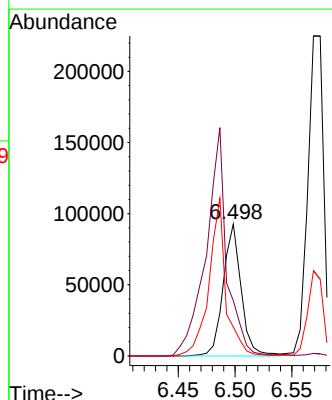
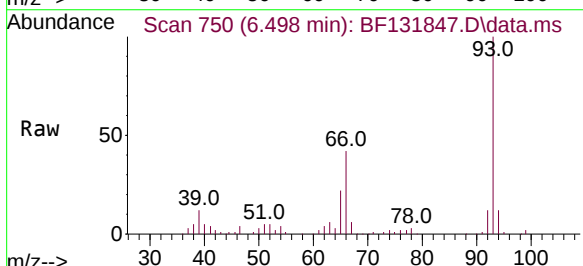
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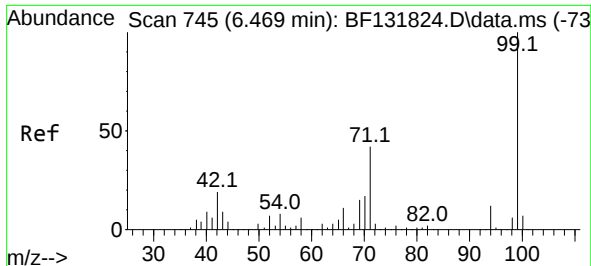
Reviewed By :Christian Giraldo 12/28/2022
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#6
Aniline
Concen: 14.695 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion: 93 Resp: 102058
Ion Ratio Lower Upper
93 100
66 41.8 33.9 50.9
65 21.9 17.4 26.0





#7

Phenol-d6

Concen: 120.463 ng

RT: 6.475 min Scan# 745

Delta R.T. 0.006 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

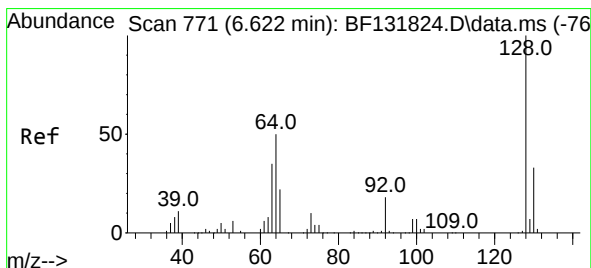
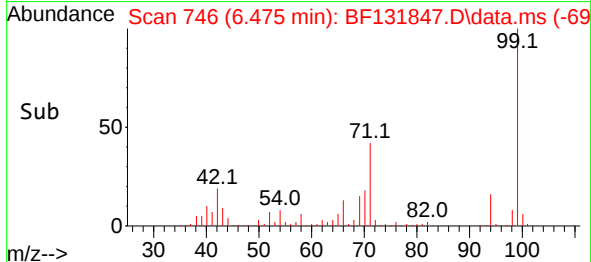
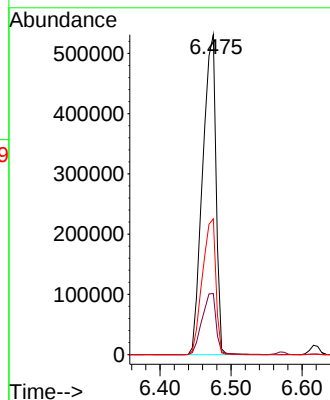
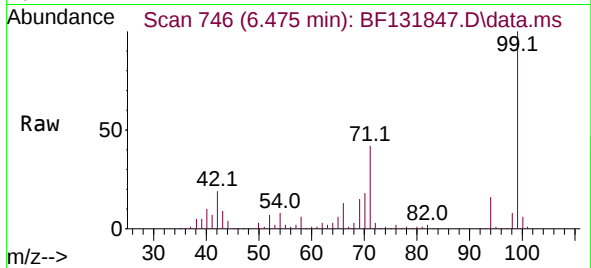
Tgt Ion: 99 Resp: 689850

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.3	22.9
71	42.4	33.5	50.3

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#8

2-Chlorophenol

Concen: 43.794 ng

RT: 6.616 min Scan# 770

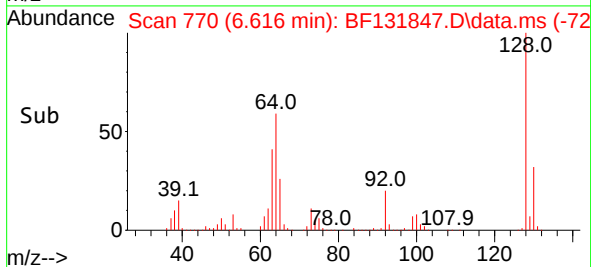
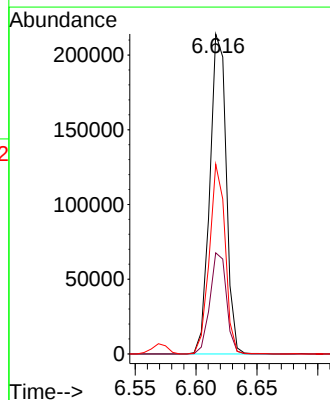
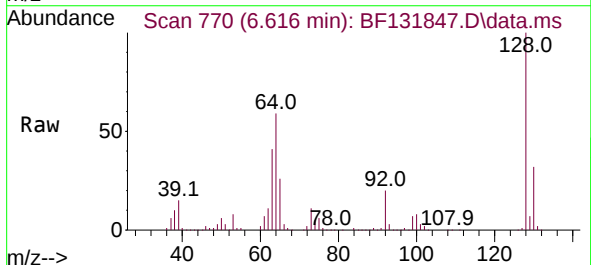
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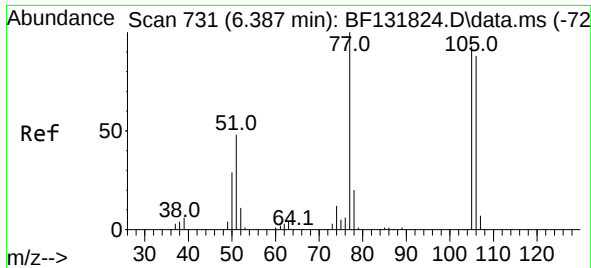
Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Tgt Ion:128 Resp: 201115

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.6	52.6
64	59.3	30.7	70.7





#9

Benzaldehyde

Concen: 40.038 ng

RT: 6.387 min Scan# 731

Delta R.T. 0.000 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

Tgt Ion: 77 Resp: 147119

Ion Ratio Lower Upper

77 100

105 92.4 72.9 112.9

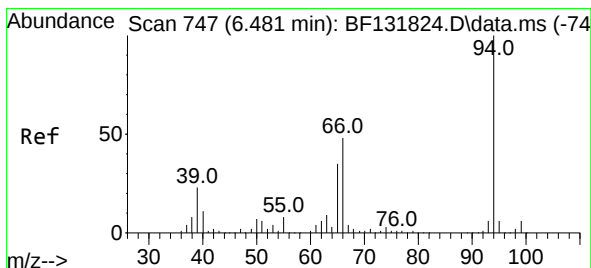
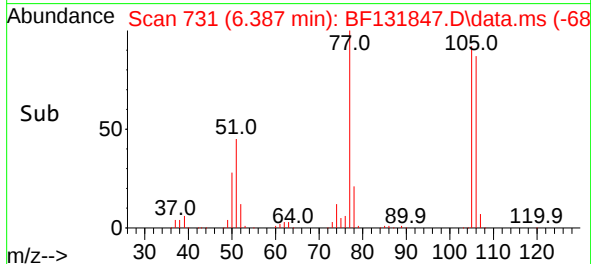
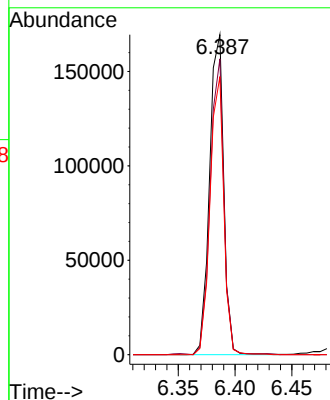
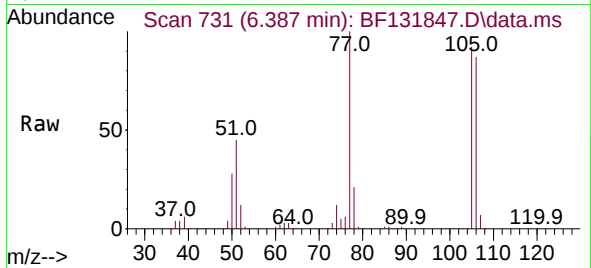
106 86.9 68.5 108.5

Manual Integrations

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#10

Phenol

Concen: 41.303 ng

RT: 6.487 min Scan# 748

Delta R.T. 0.006 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

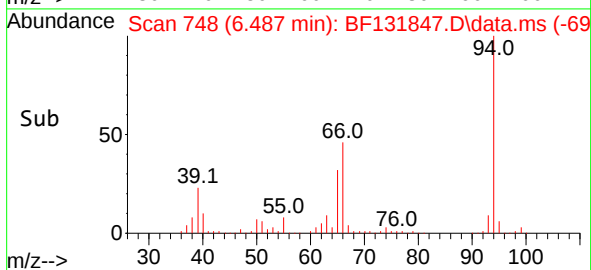
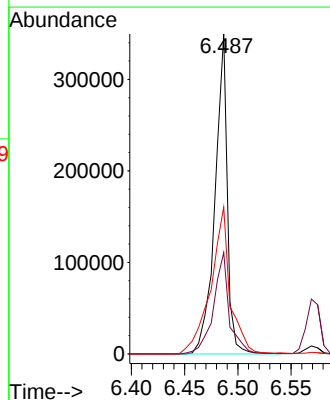
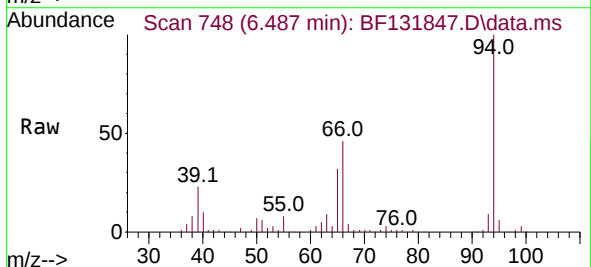
Tgt Ion: 94 Resp: 281671

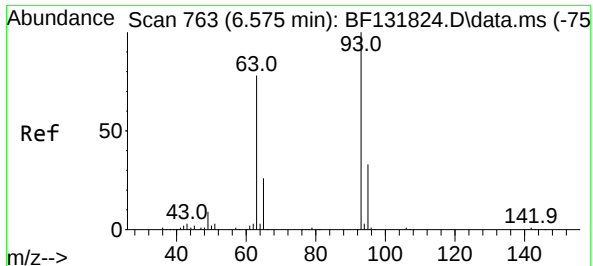
Ion Ratio Lower Upper

94 100

65 31.7 14.6 54.6

66 45.9 28.2 68.2





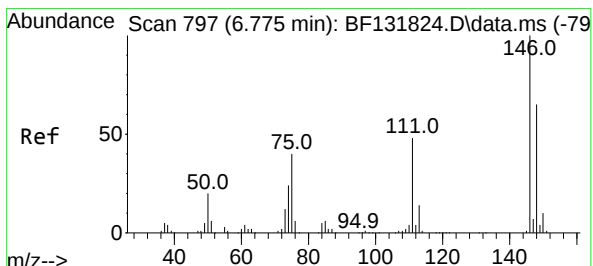
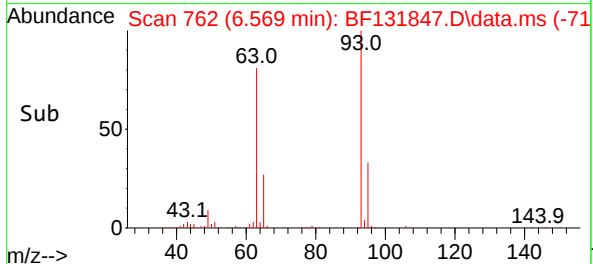
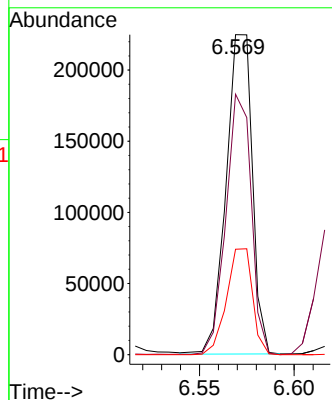
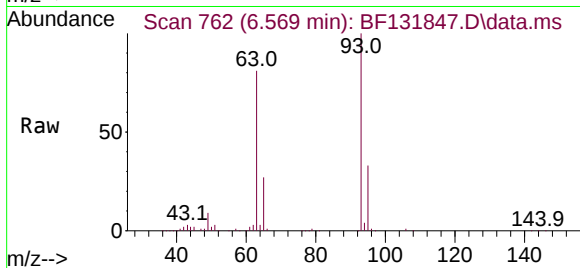
#11
bis(2-Chloroethyl)ether
Concen: 44.306 ng
RT: 6.569 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

Tgt Ion: 93 Resp: 216071
Ion Ratio Lower Upper
93 100
63 81.4 57.6 97.6
95 32.9 12.7 52.7

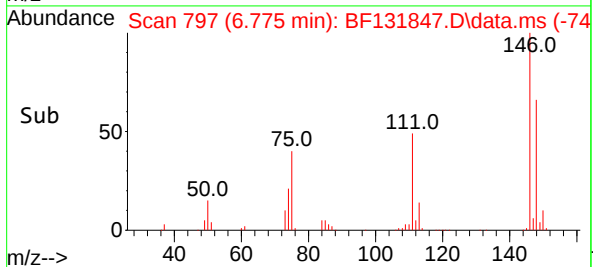
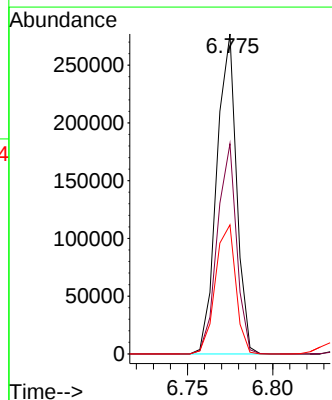
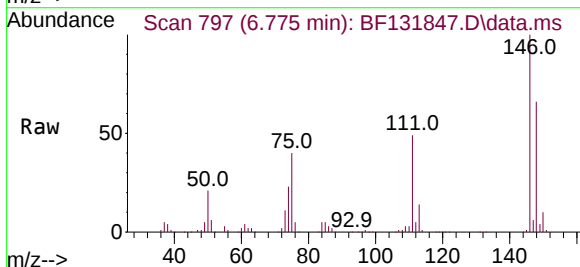
Manual Integrations
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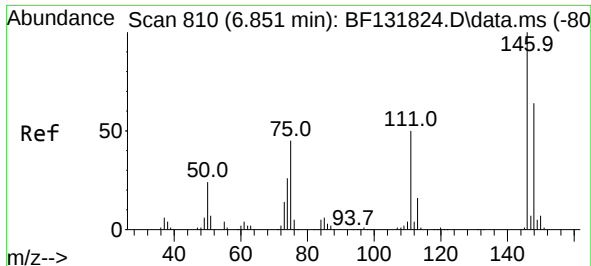
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#12
1,3-Dichlorobenzene
Concen: 42.603 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:146 Resp: 223579
Ion Ratio Lower Upper
146 100
148 65.7 51.8 77.6
75 40.3 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 42.452 ng

RT: 6.851 min Scan# 810

Delta R.T. 0.000 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

Tgt Ion:146 Resp: 224520

Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

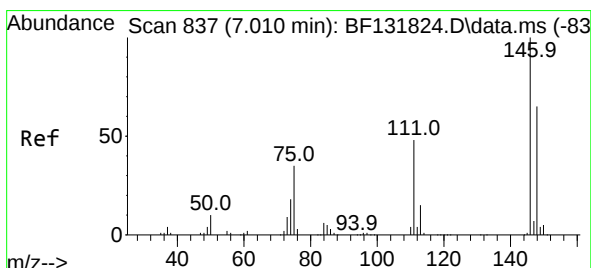
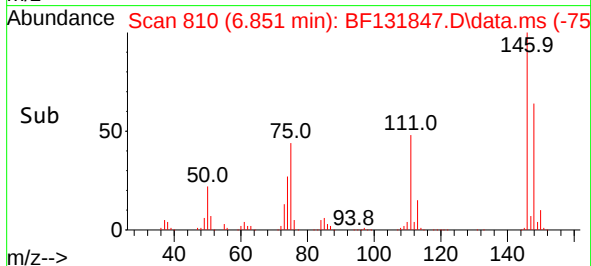
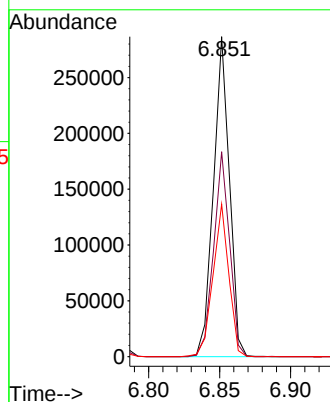
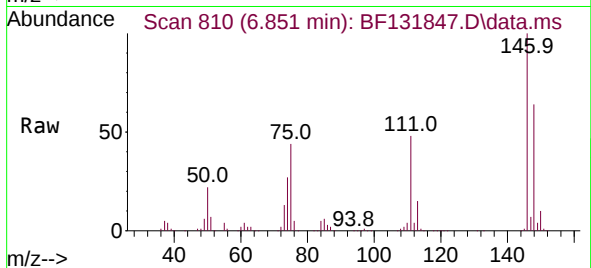
111 47.6 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Jagrut Upadhyay 12/28/2022



#14

1,2-Dichlorobenzene

Concen: 43.228 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

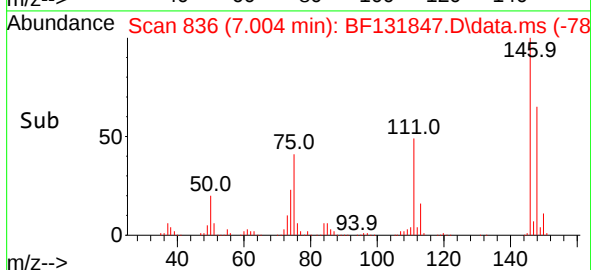
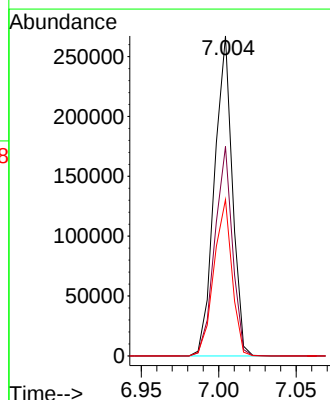
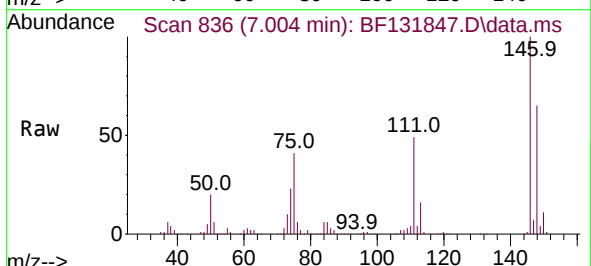
Tgt Ion:146 Resp: 214824

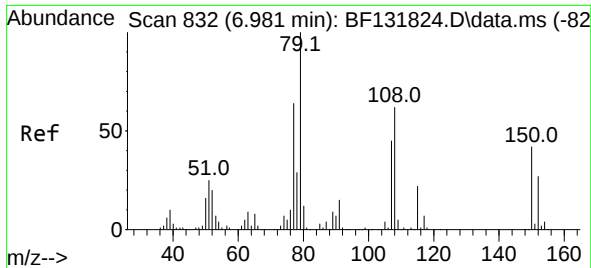
Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.4

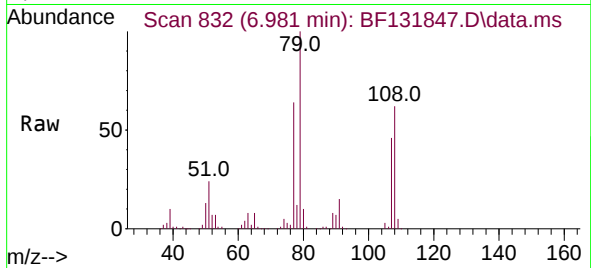
111 48.9 38.2 57.4





#15
Benzyl Alcohol
Concen: 44.101 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

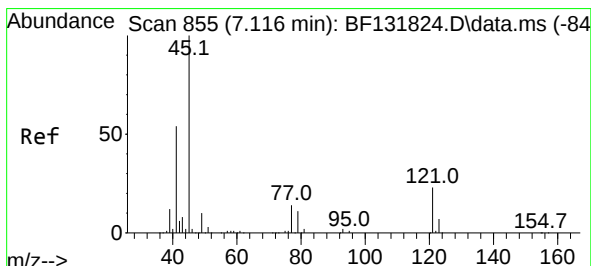
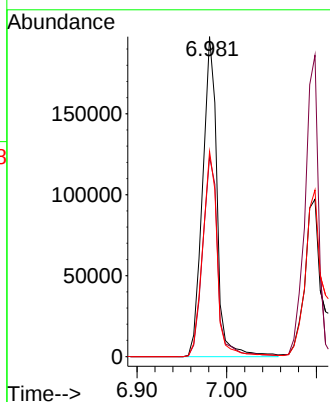
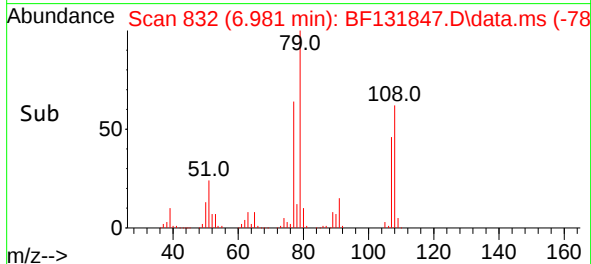
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



Tgt Ion: 79 Resp: 221476
Ion Ratio Lower Upper
79 100
108 62.5 49.8 74.8
77 64.1 51.4 77.0

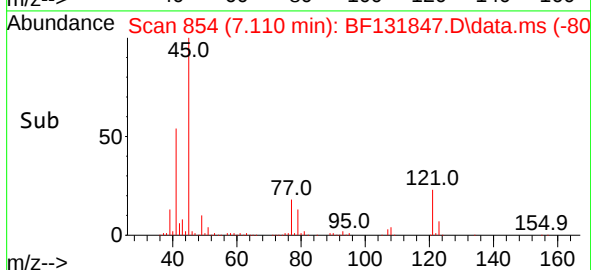
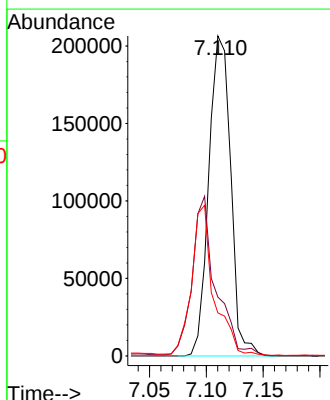
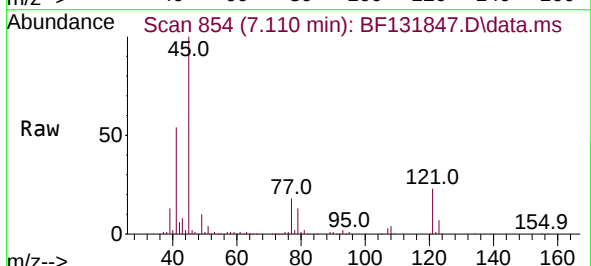
Manual Integrations
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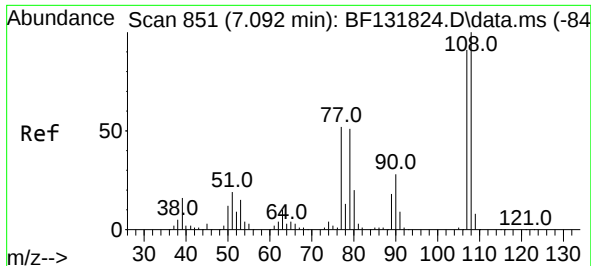
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.404 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion: 45 Resp: 276348
Ion Ratio Lower Upper
45 100
77 18.4 0.0 36.1
79 13.4 0.0 33.3





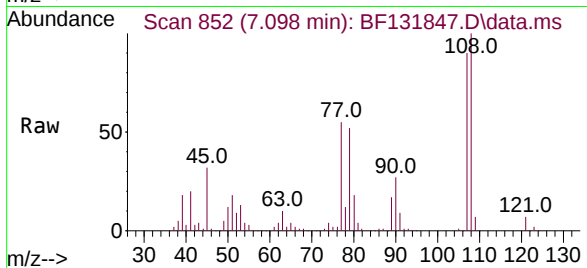
#17
2-Methylphenol
Concen: 42.066 ng
RT: 7.098 min Scan# 851
Delta R.T. 0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

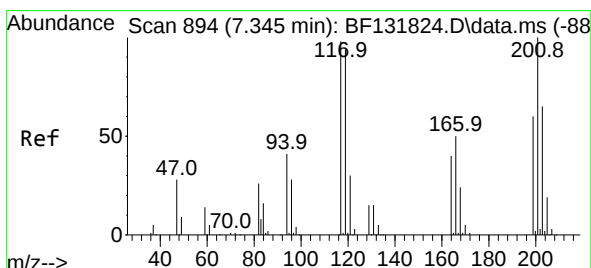
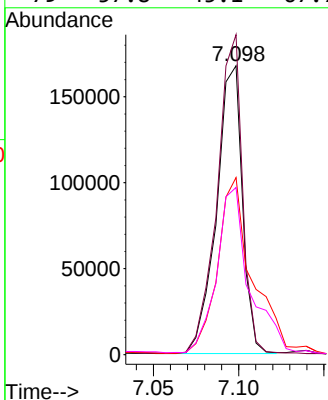
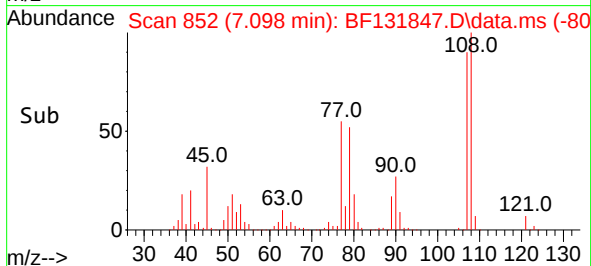


Tgt Ion:107 Resp: 176604
Ion Ratio Lower Upper
107 100
108 110.8 87.6 131.4
77 61.3 45.8 68.8
79 57.8 45.1 67.7

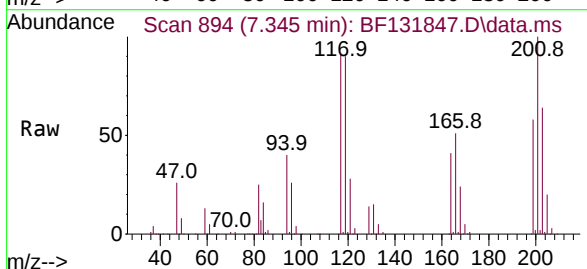
Manual Integrations

APPROVED

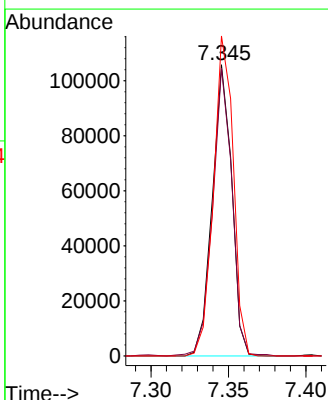
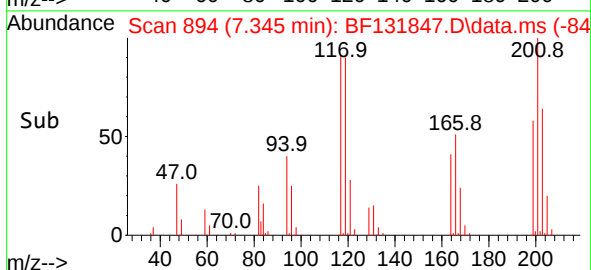
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

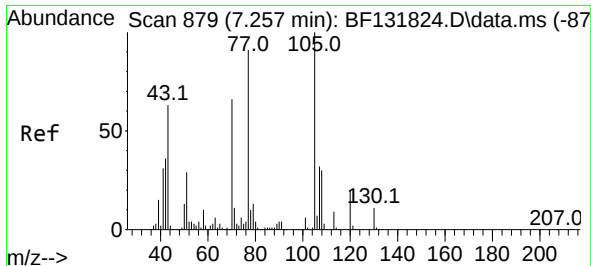


#18
Hexachloroethane
Concen: 43.215 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34



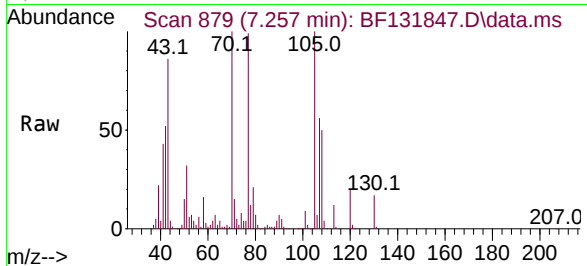
Tgt Ion:117 Resp: 92292
Ion Ratio Lower Upper
117 100
119 98.8 76.5 114.7
201 109.9 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 43.552 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

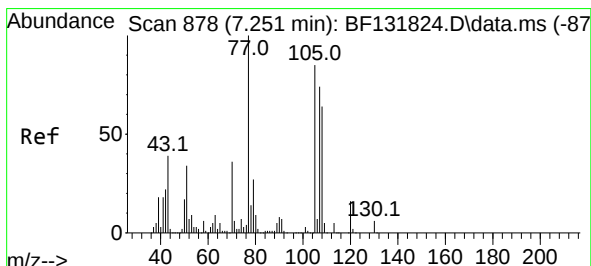
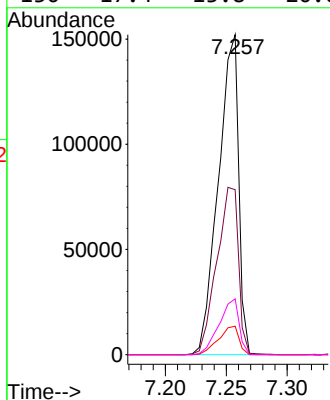
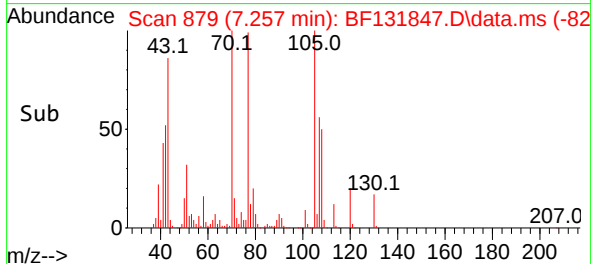
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



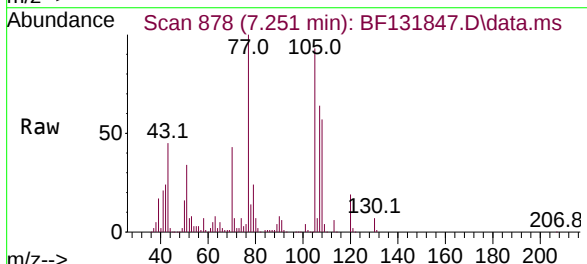
Tgt Ion: 70 Resp: 176144
Ion Ratio Lower Upper
70 100
42 51.5 43.8 65.6
101 8.9 7.4 11.0
130 17.4 13.8 20.6

Manual Integrations
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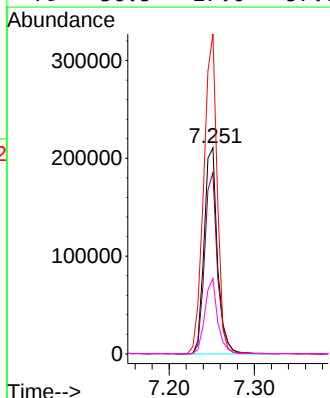
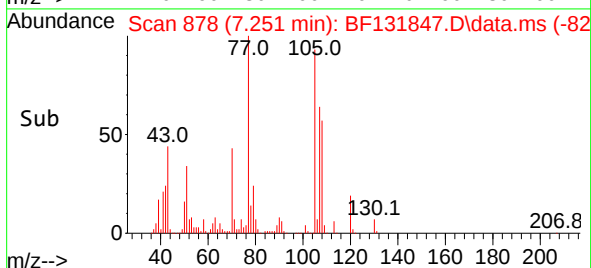
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

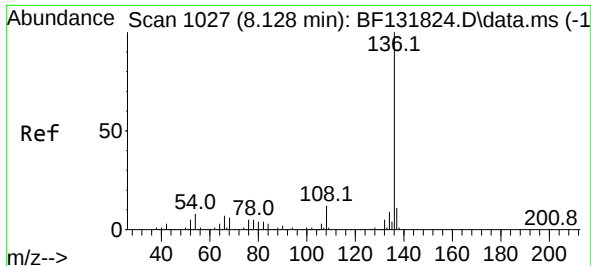


#20
3+4-Methylphenols
Concen: 41.934 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34



Tgt Ion:107 Resp: 229703
Ion Ratio Lower Upper
107 100
108 87.8 67.1 107.1
77 155.2 114.9 154.9#
79 36.5 17.0 57.0





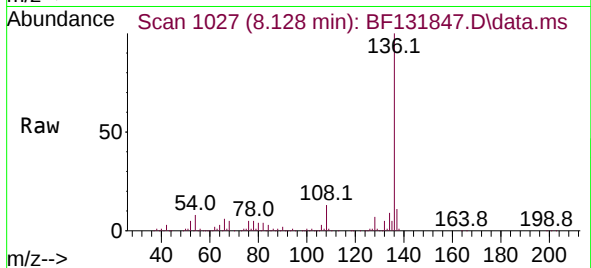
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

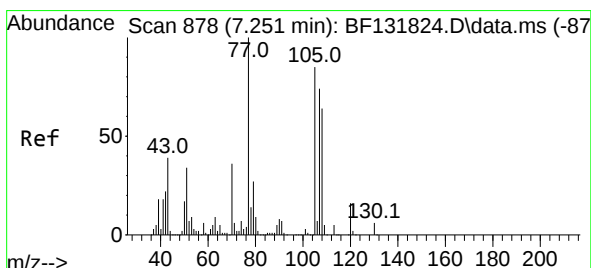
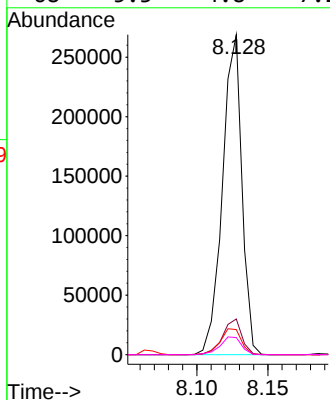
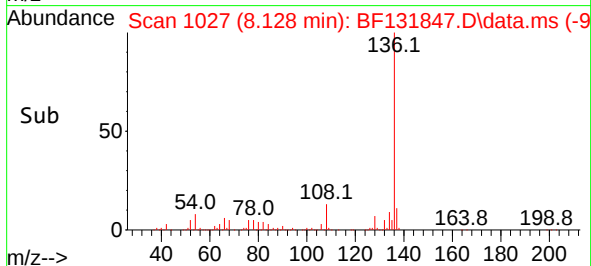


Tgt Ion:136 Resp: 256037
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.8 6.7 10.1
68 5.3 4.8 7.2

Manual Integrations

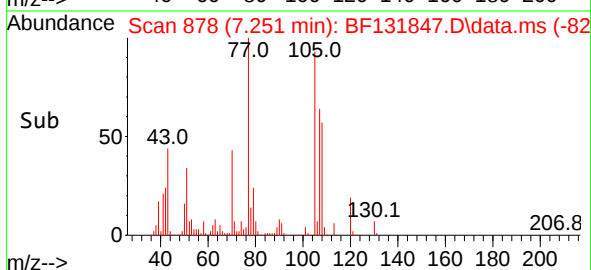
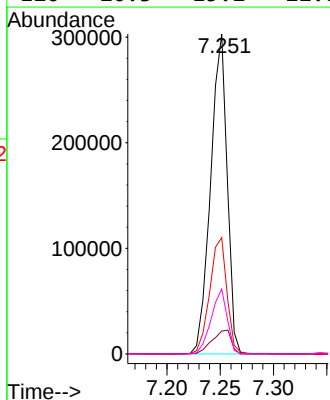
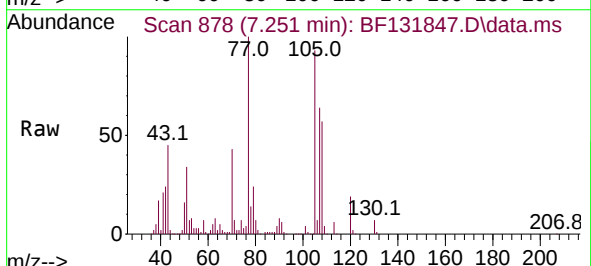
APPROVED

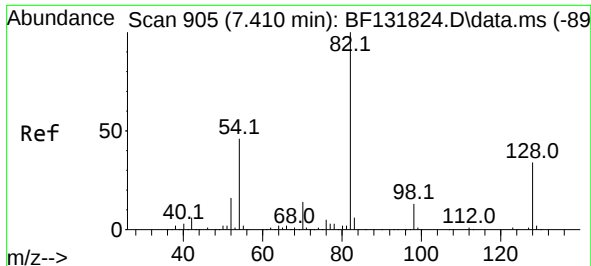
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#22
Acetophenone
Concen: 43.589 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:105 Resp: 327194
Ion Ratio Lower Upper
105 100
71 7.1 5.4 8.0
51 36.3 31.9 47.9
120 20.3 15.2 22.8





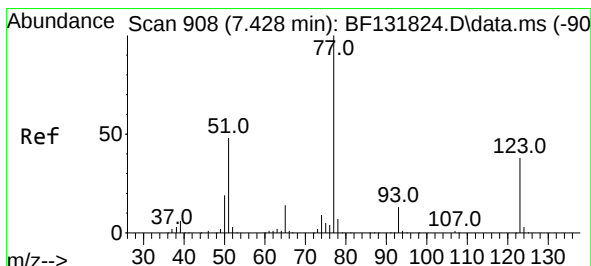
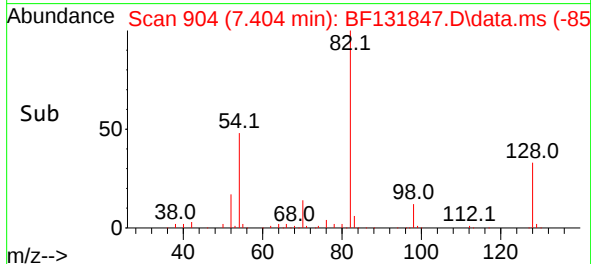
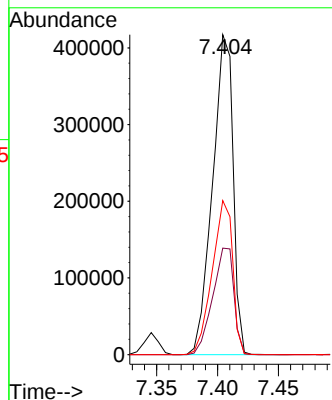
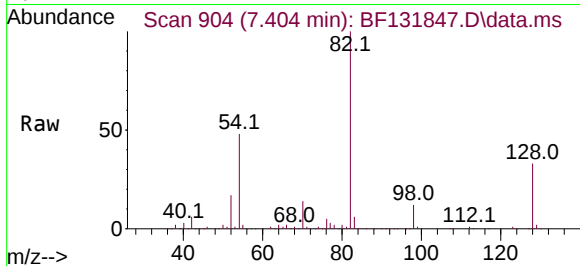
#23
Nitrobenzene-d5
Concen: 76.109 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

Tgt Ion: 82 Resp: 488073
Ion Ratio Lower Upper
82 100
128 33.3 27.1 40.7
54 48.1 37.0 55.6

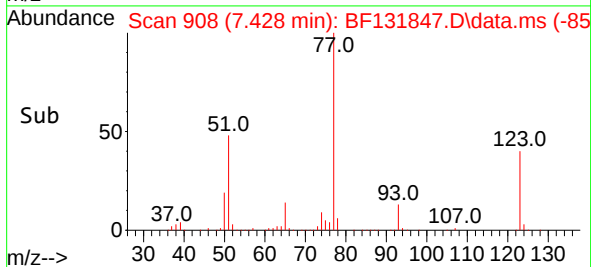
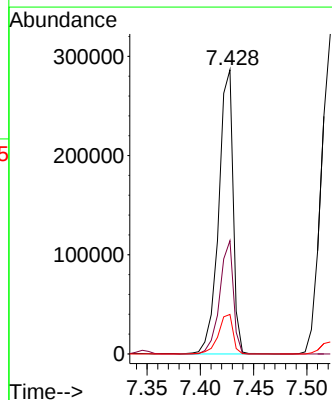
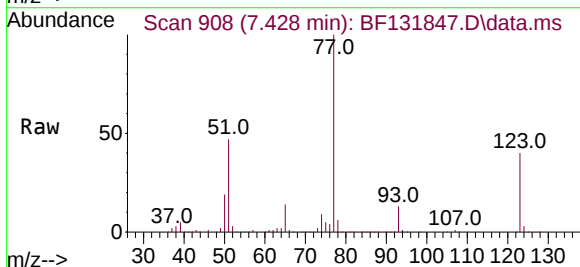
Manual Integrations
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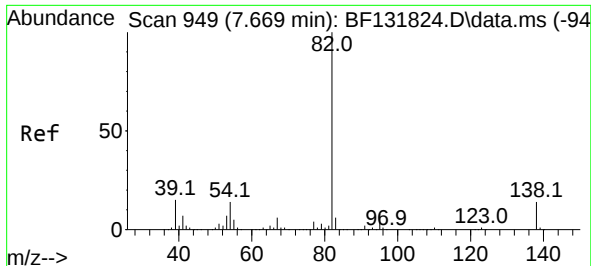
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#24
Nitrobenzene
Concen: 41.999 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion: 77 Resp: 269918
Ion Ratio Lower Upper
77 100
123 39.8 30.4 45.6
65 13.9 11.1 16.7





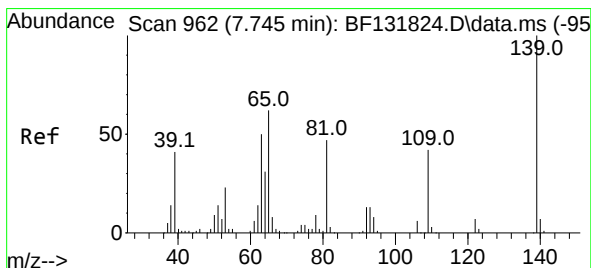
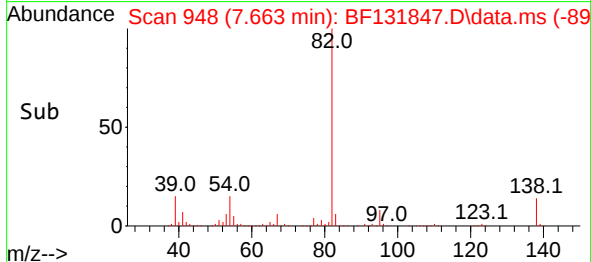
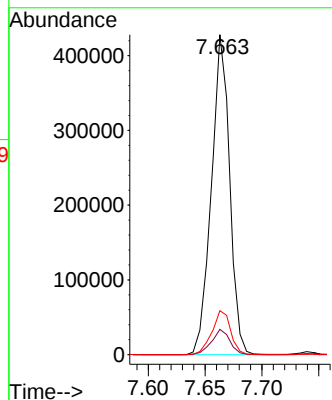
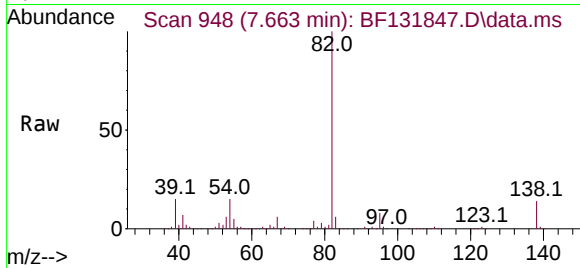
#25
Isophorone
Concen: 45.648 ng
RT: 7.663 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

Tgt Ion: 82 Resp: 478062
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.4
138 13.7 11.5 17.3

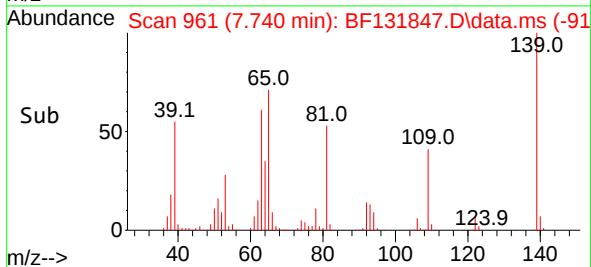
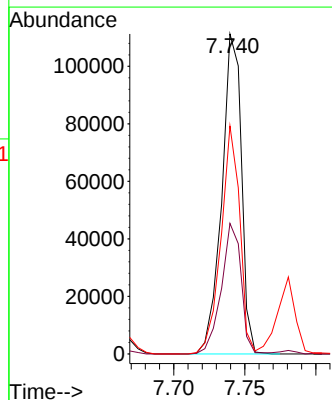
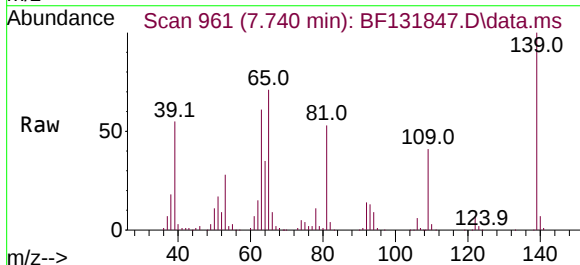
Manual Integrations
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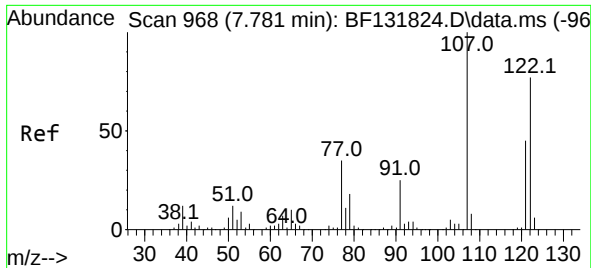
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#26
2-Nitrophenol
Concen: 42.922 ng
RT: 7.740 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:139 Resp: 107253
Ion Ratio Lower Upper
139 100
109 40.8 33.7 50.5
65 71.2 49.4 74.2





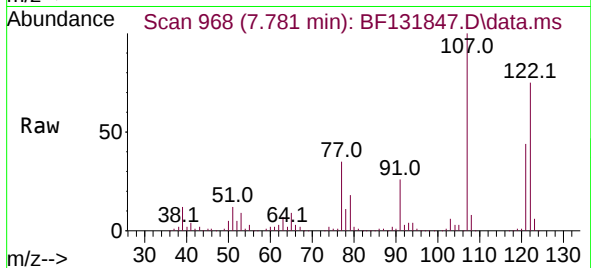
#27
2,4-Dimethylphenol
Concen: 50.520 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

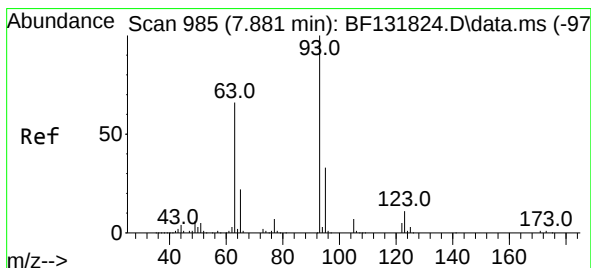
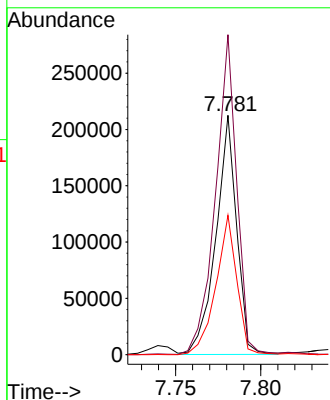
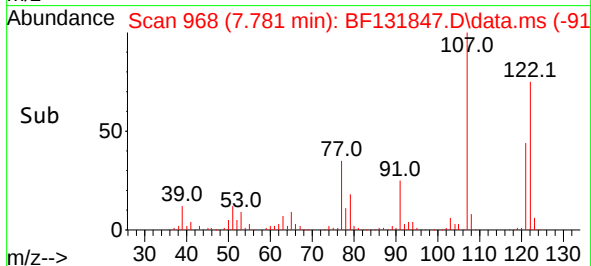


Tgt Ion:122 Resp: 180071
Ion Ratio Lower Upper
122 100
107 133.8 104.4 156.6
121 58.2 46.8 70.2

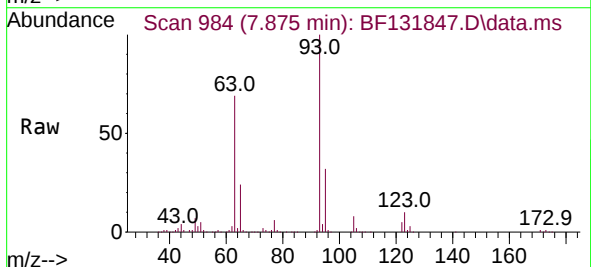
Manual Integrations

APPROVED

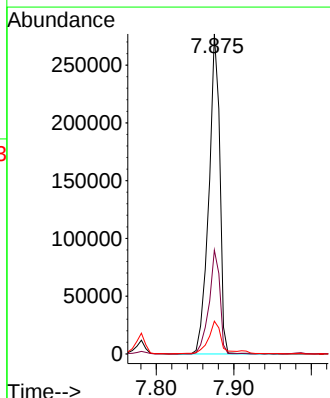
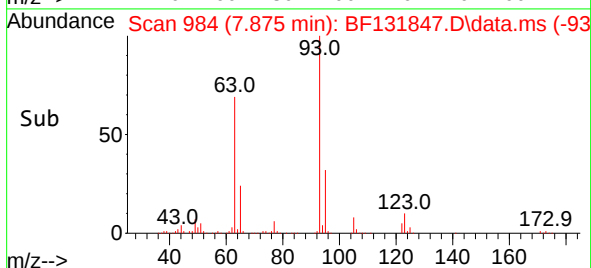
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

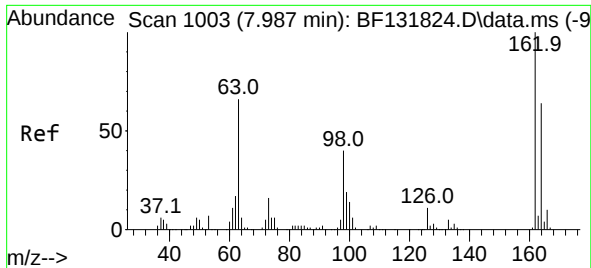


#28
bis(2-Chloroethoxy)methane
Concen: 48.249 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34



Tgt Ion: 93 Resp: 271081
Ion Ratio Lower Upper
93 100
95 32.4 26.3 39.5
123 10.3 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 41.385 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF131847.D

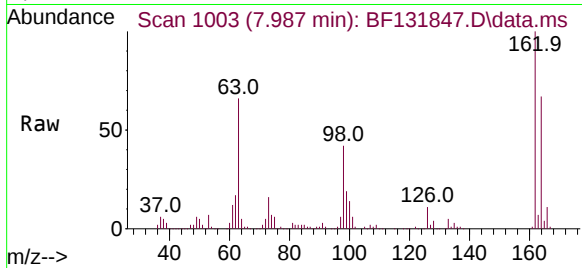
Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS



Tgt Ion:162 Resp: 177719

Ion Ratio Lower Upper

162 100

164 66.8 44.1 84.1

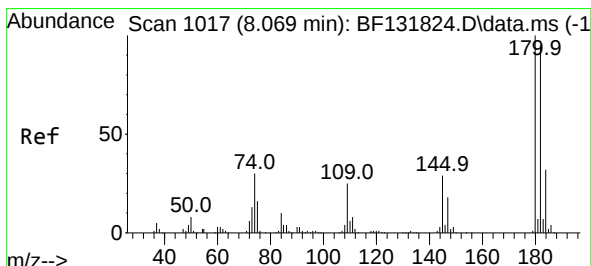
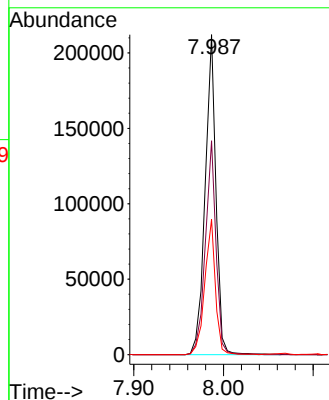
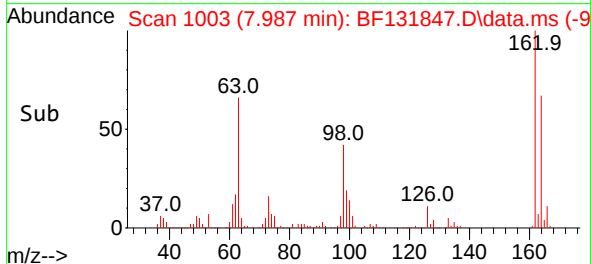
98 42.3 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Jagrut Upadhyay 12/28/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.939 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

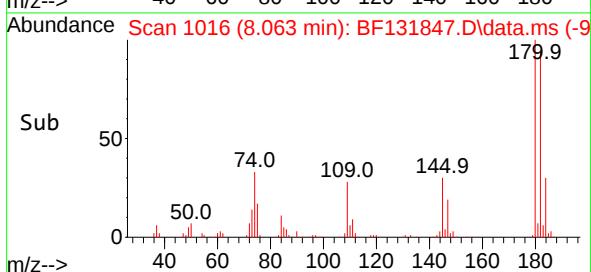
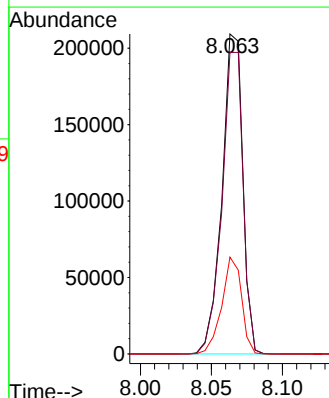
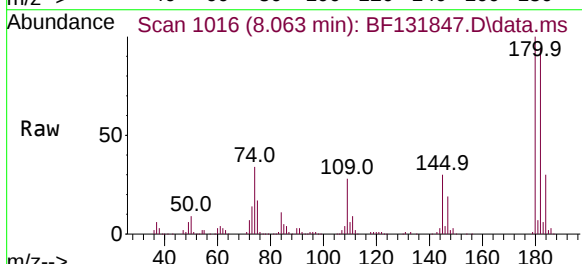
Tgt Ion:180 Resp: 213530

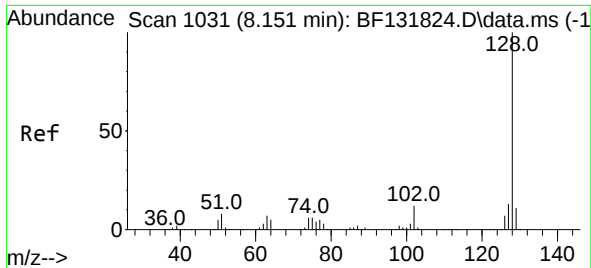
Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.4

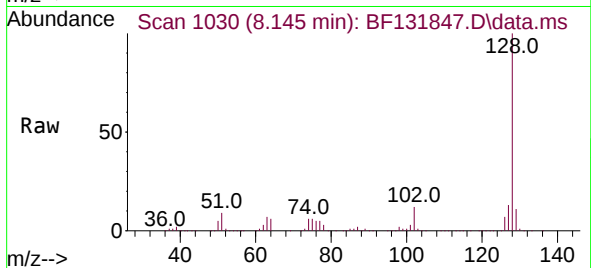
145 30.2 23.3 34.9





#31
Naphthalene
Concen: 40.947 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

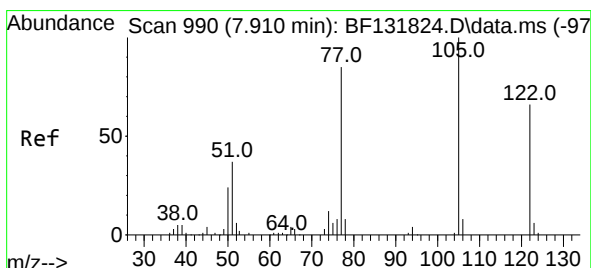
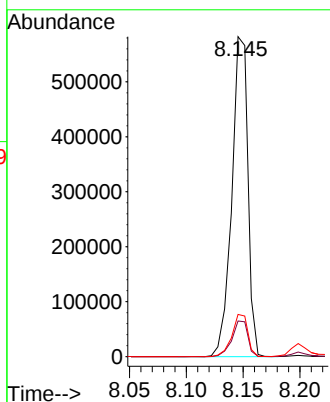
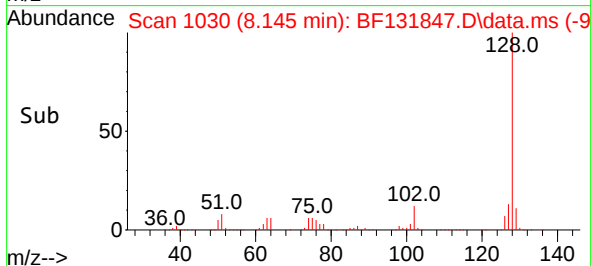
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



Tgt Ion:128 Resp: 574154
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.6 15.8

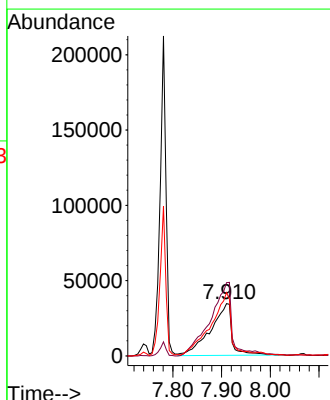
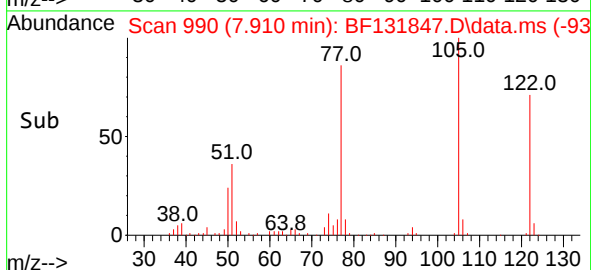
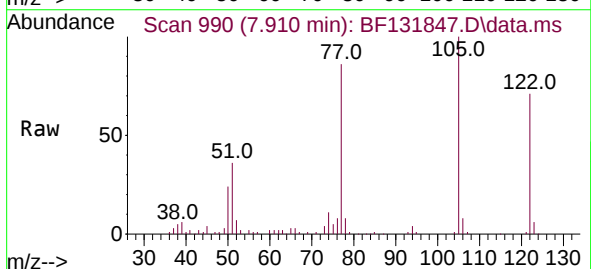
Manual Integrations
APPROVED

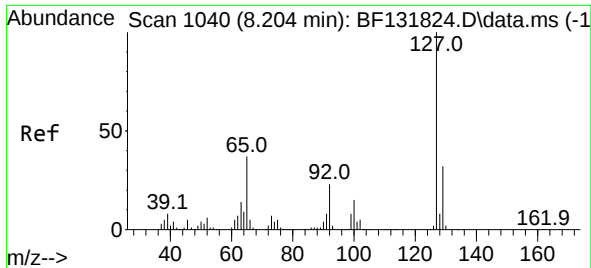
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#32
Benzoic acid
Concen: 40.635 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:122 Resp: 105863
Ion Ratio Lower Upper
122 100
105 140.3 127.9 167.9
77 121.2 106.9 146.9





#33
4-Chloroaniline
Concen: 5.444 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

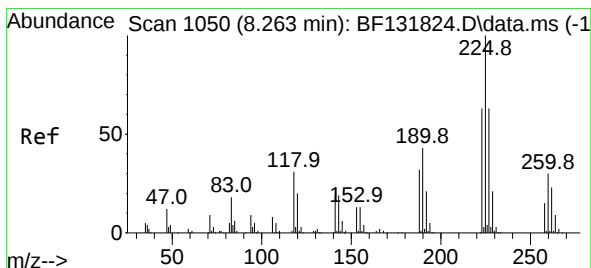
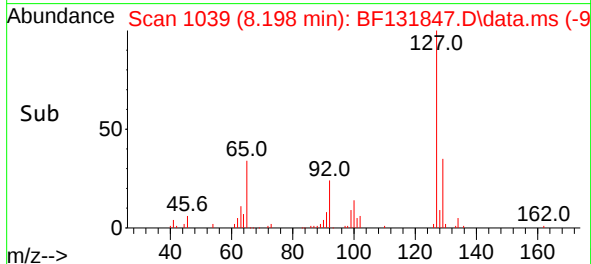
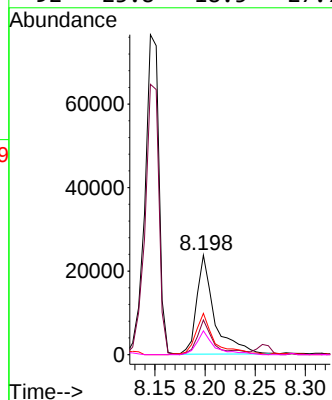
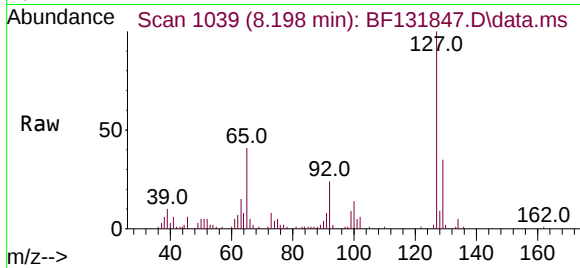
HD-01-122322MS

Tgt Ion:127 Resp: 29290
Ion Ratio Lower Upper
127 100
129 34.8 25.8 38.8
65 41.4 29.7 44.5
92 23.8 18.5 27.7

Manual Integrations

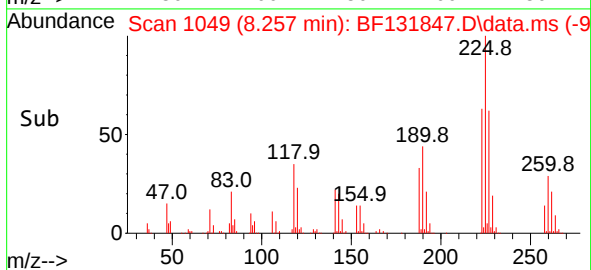
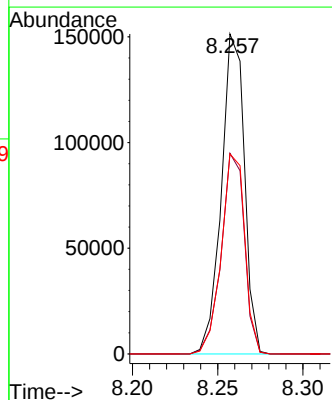
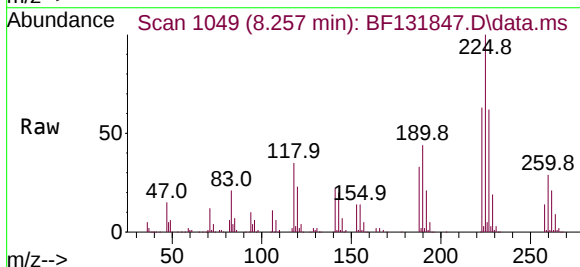
APPROVED

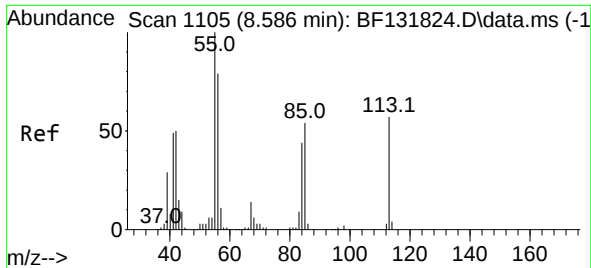
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#34
Hexachlorobutadiene
Concen: 40.896 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

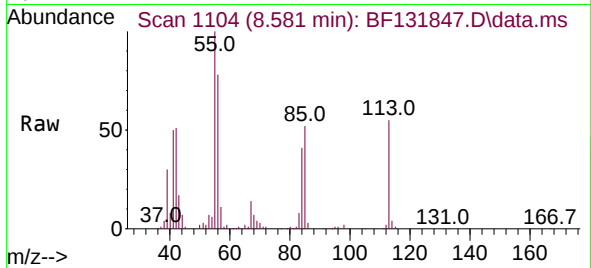
Tgt Ion:225 Resp: 142453
Ion Ratio Lower Upper
225 100
223 62.7 50.0 75.0
227 62.5 50.8 76.2





#35
Caprolactam
Concen: 39.598 ng m
RT: 8.581 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

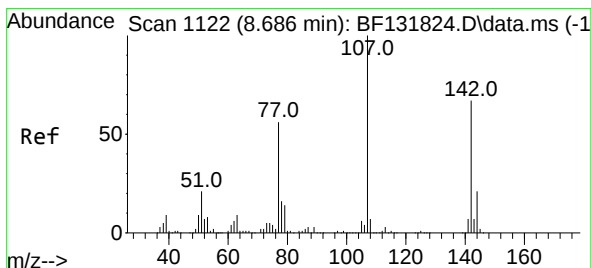
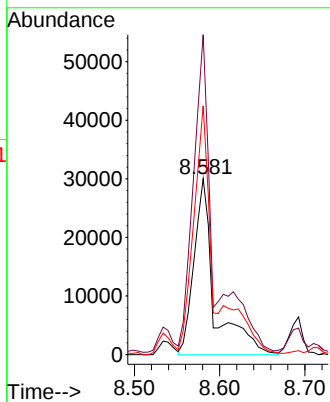
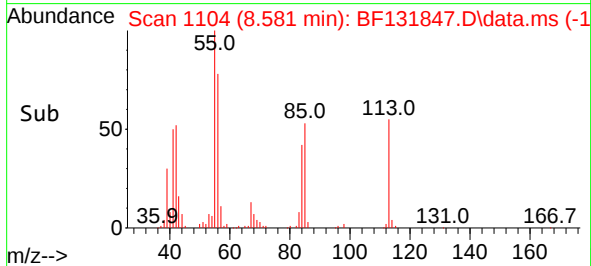
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



Tgt Ion:113 Resp: 50346
Ion Ratio Lower Upper
113 100
55 181.9 153.3 193.3
56 141.4 116.3 156.3

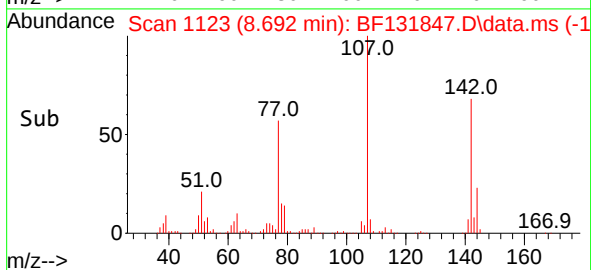
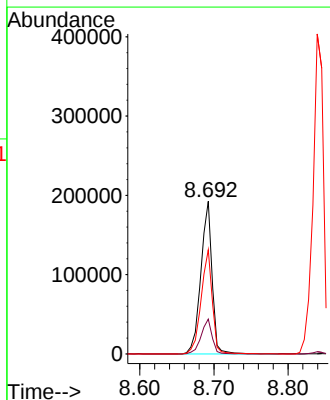
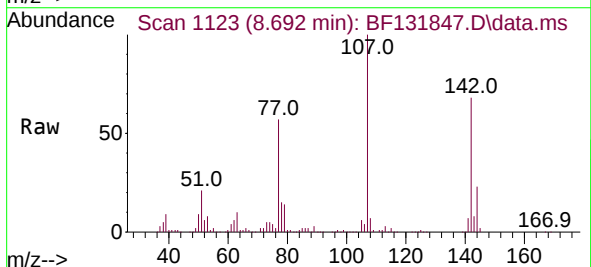
Manual Integrations
APPROVED

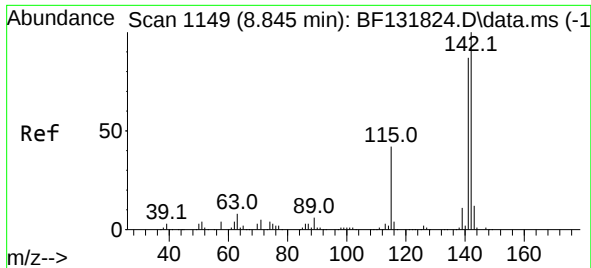
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#36
4-Chloro-3-methylphenol
Concen: 41.623 ng
RT: 8.692 min Scan# 1123
Delta R.T. 0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

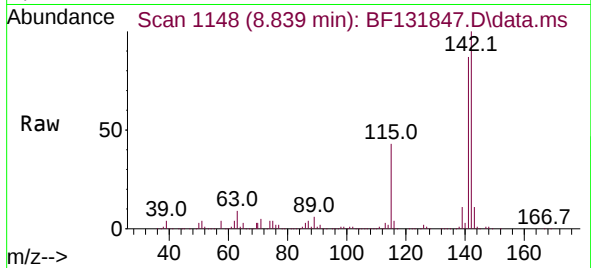
Tgt Ion:107 Resp: 202012
Ion Ratio Lower Upper
107 100
144 22.8 16.8 25.2
142 68.2 53.8 80.8





#37
2-Methylnaphthalene
Concen: 41.288 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

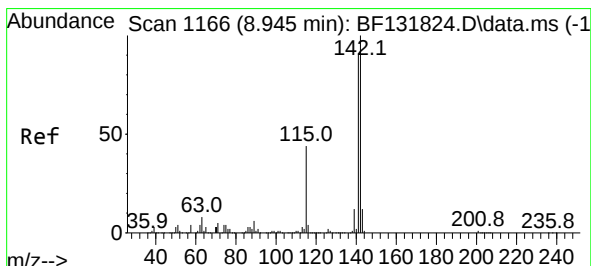
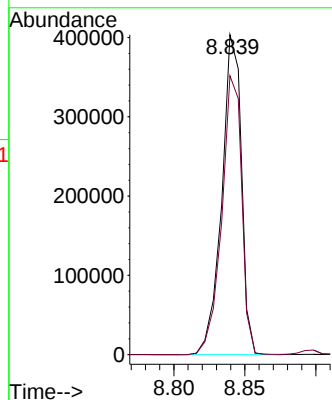
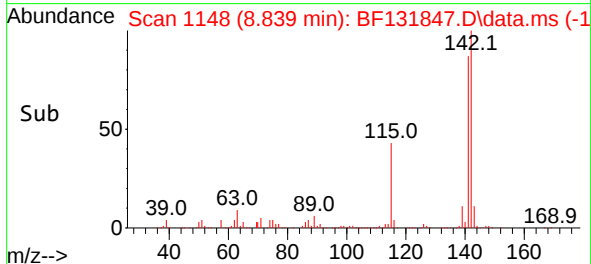
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



Tgt Ion:142 Resp: 388553
Ion Ratio Lower Upper
142 100
141 87.1 69.8 104.8

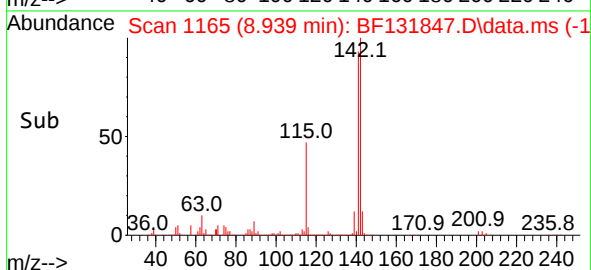
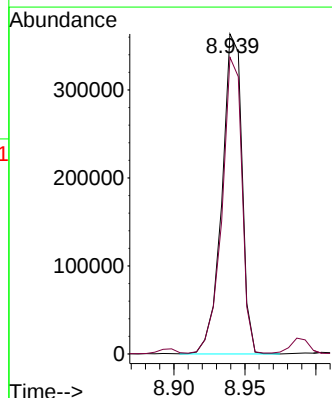
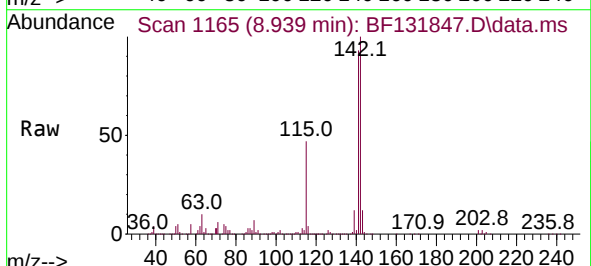
Manual Integrations
APPROVED

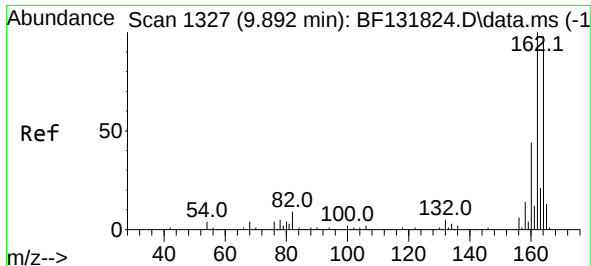
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#38
1-Methylnaphthalene
Concen: 39.007 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:142 Resp: 356568
Ion Ratio Lower Upper
142 100
141 92.7 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF131847.D

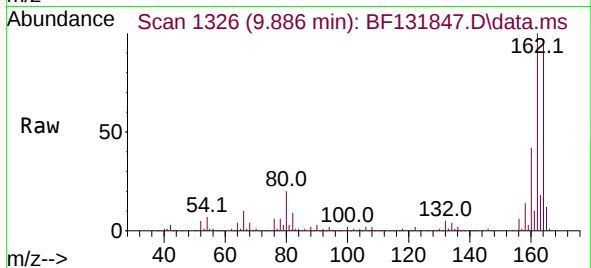
Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS



Tgt Ion:164 Resp: 136873

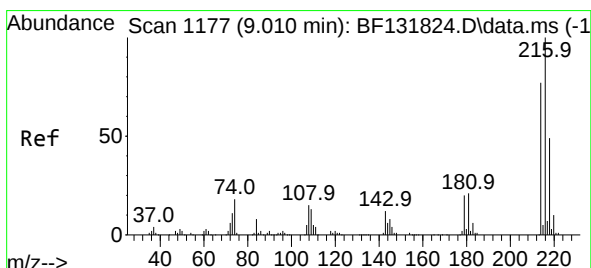
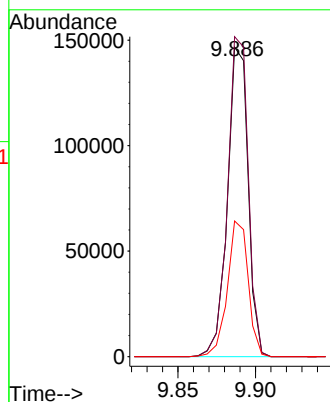
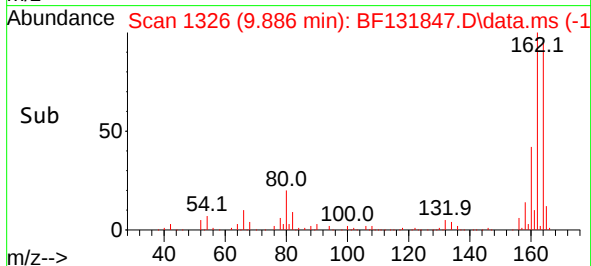
Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.8	122.6
160	43.8	35.7	53.5

Manual Integrations

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Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Jagrut Upadhyay 12/28/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.170 ng

RT: 9.010 min Scan# 1177

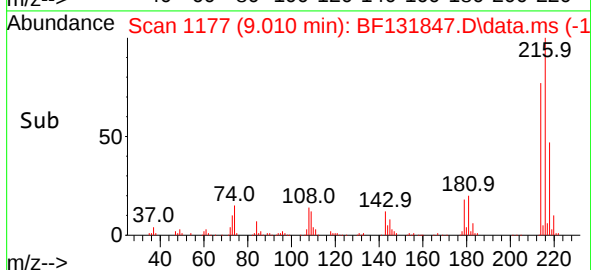
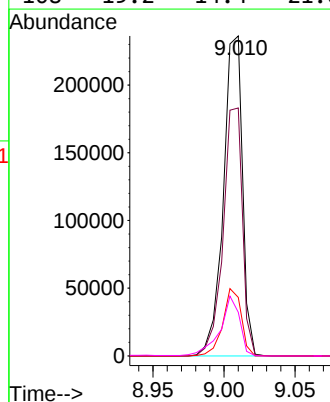
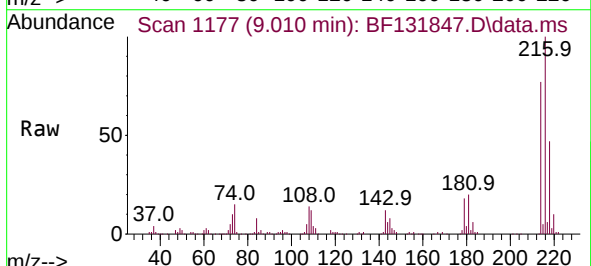
Delta R.T. 0.000 min

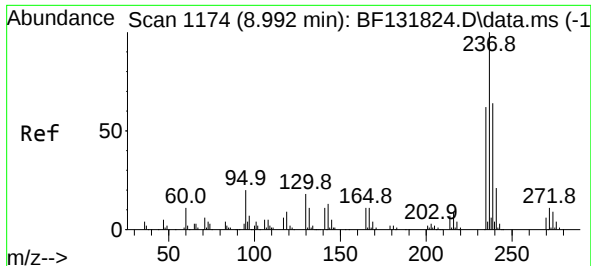
Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Tgt Ion:216 Resp: 221888

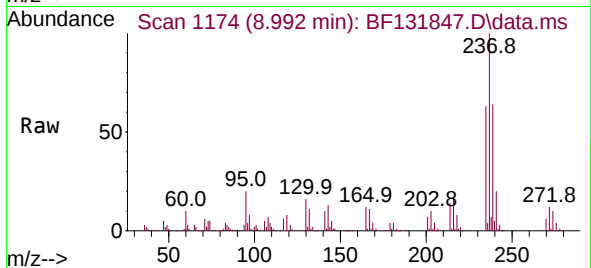
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.0	94.4
179	20.3	16.4	24.6
108	19.2	14.4	21.6





#41
Hexachlorocyclopentadiene
Concen: 66.023 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

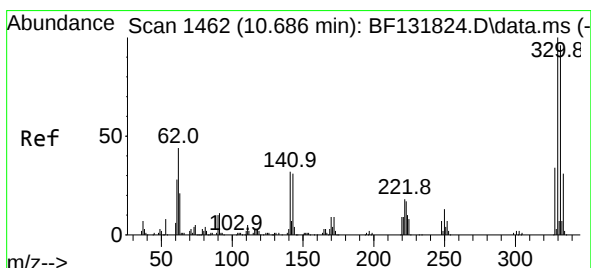
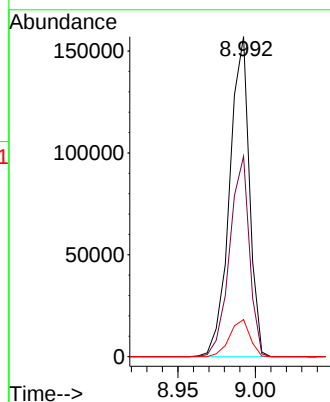
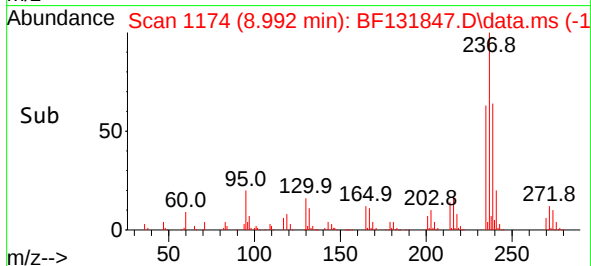
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



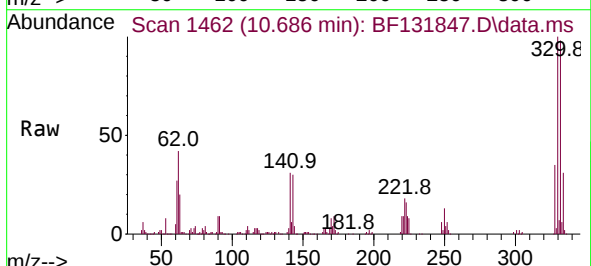
Tgt Ion:237 Resp: 139600
Ion Ratio Lower Upper
237 100
235 62.6 42.3 82.3
272 11.6 0.0 31.4

Manual Integrations
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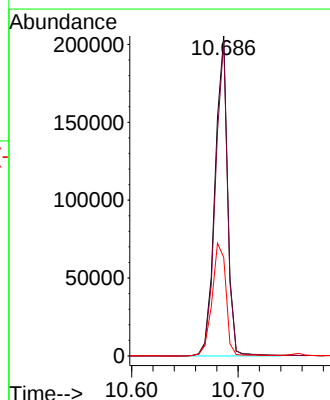
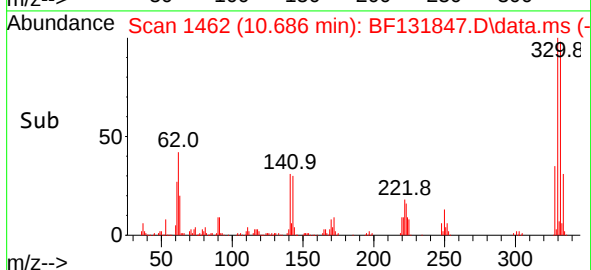
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

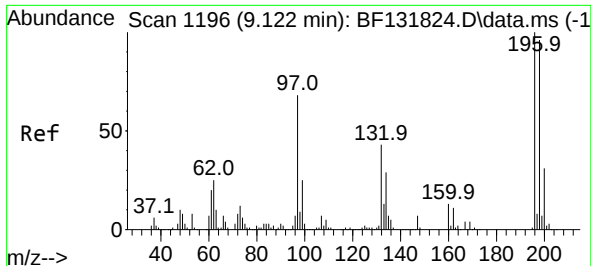


#42
2,4,6-Tribromophenol
Concen: 113.185 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34



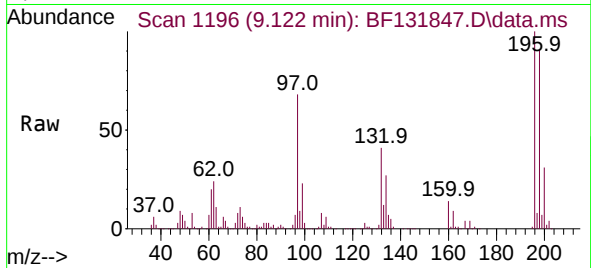
Tgt Ion:330 Resp: 168321
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 39.0 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 43.727 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

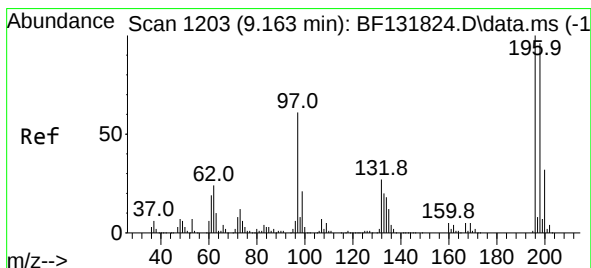
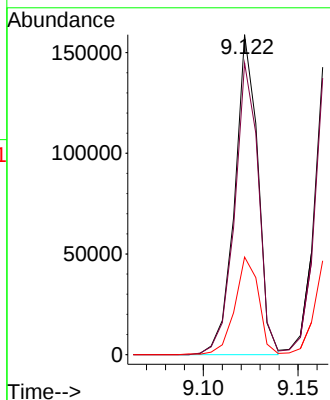
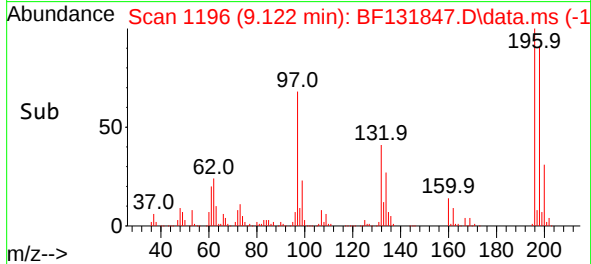
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



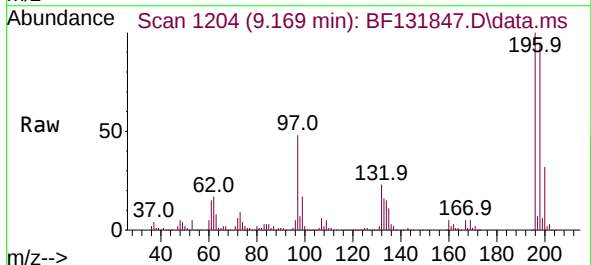
Tgt Ion:196 Resp: 134594
Ion Ratio Lower Upper
196 100
198 91.1 76.5 114.7
200 30.5 24.5 36.7

Manual Integrations
APPROVED

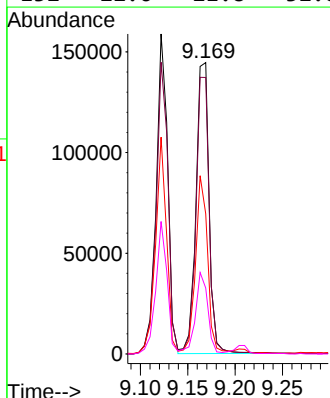
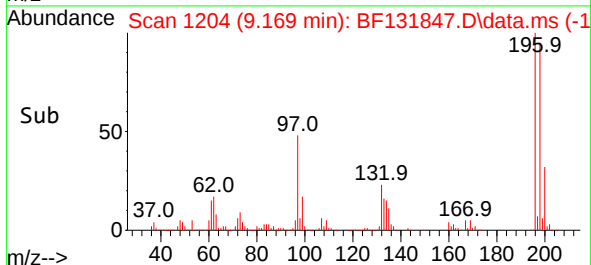
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

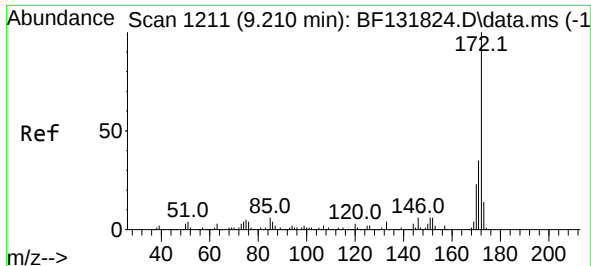


#44
2,4,5-Trichlorophenol
Concen: 41.844 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34



Tgt Ion:196 Resp: 139228
Ion Ratio Lower Upper
196 100
198 94.9 76.6 115.0
97 48.1 49.3 73.9#
132 22.6 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 78.573 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

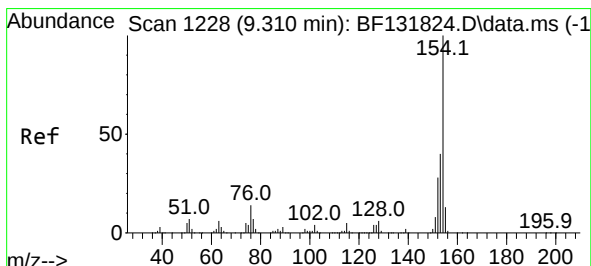
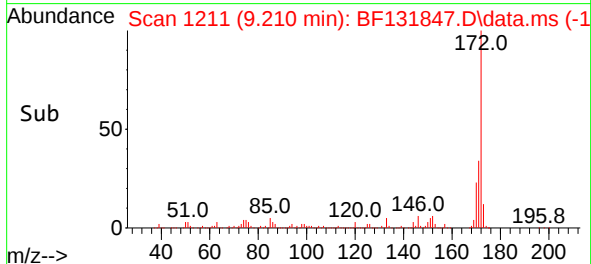
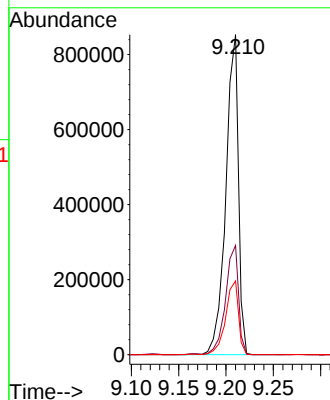
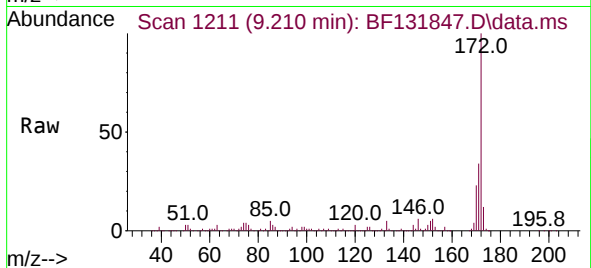
Tgt Ion:172 Resp: 78515

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.9	41.9
170	23.0	18.7	28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#46

1,1'-Biphenyl

Concen: 45.840 ng

RT: 9.310 min Scan# 1228

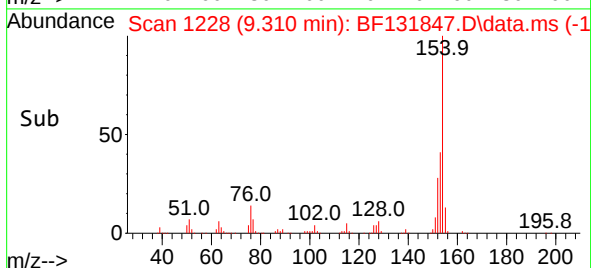
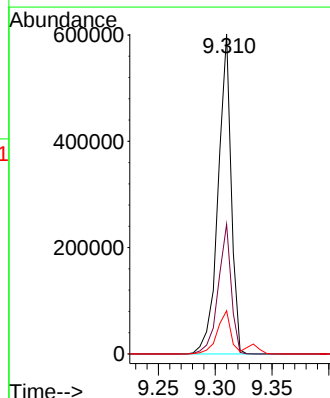
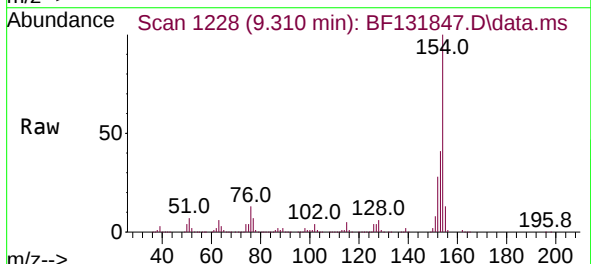
Delta R.T. 0.000 min

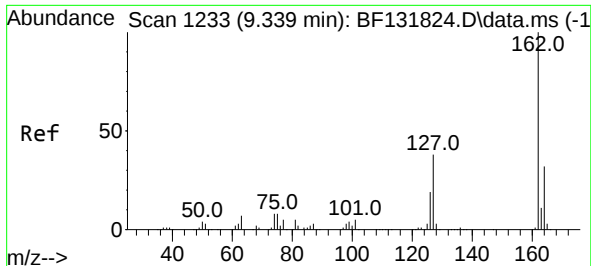
Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Tgt Ion:154 Resp: 480363

Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.8	59.8
76	13.5	0.0	33.9





#47

2-Chloronaphthalene

Concen: 43.999 ng

RT: 9.334 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

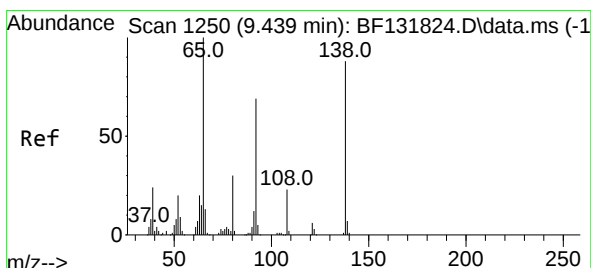
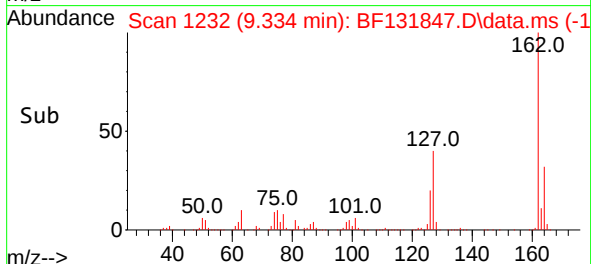
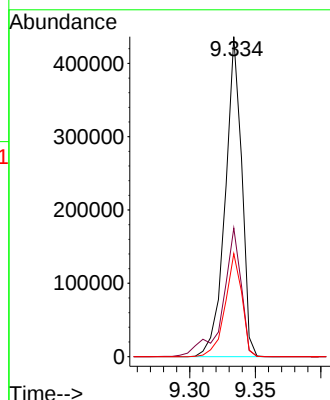
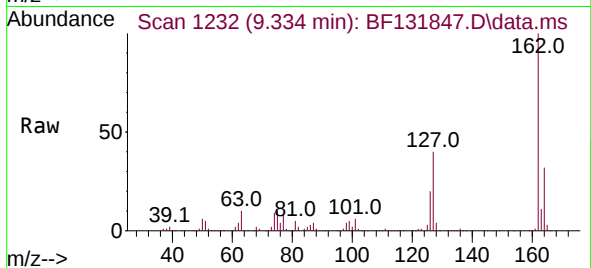
Tgt Ion:162 Resp: 381442

Ion	Ratio	Lower	Upper
162	100		
127	40.2	31.0	46.6
164	32.2	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#48

2-Nitroaniline

Concen: 41.605 ng

RT: 9.434 min Scan# 1249

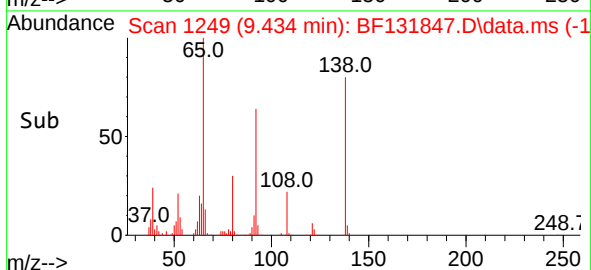
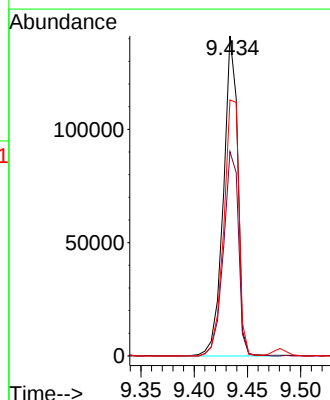
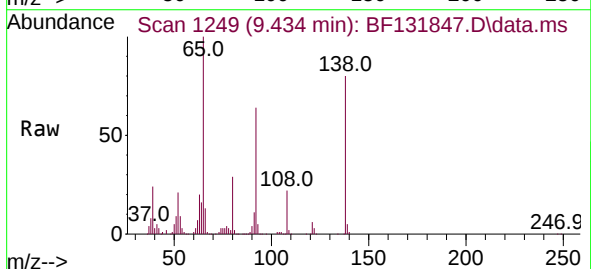
Delta R.T. -0.006 min

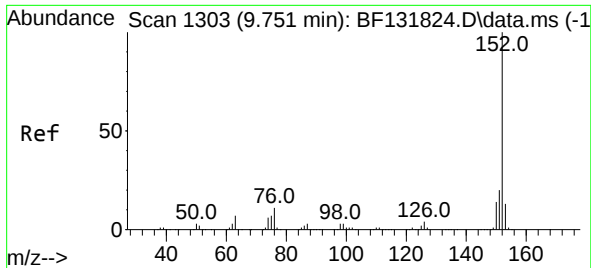
Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Tgt Ion: 65 Resp: 132207

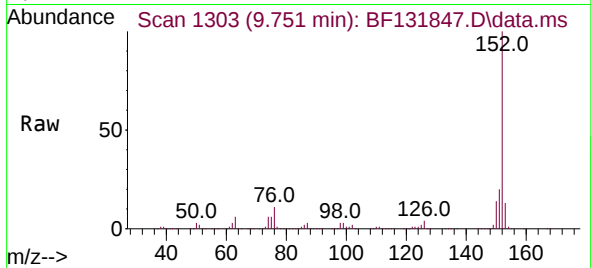
Ion	Ratio	Lower	Upper
65	100		
92	63.8	55.0	82.6
138	80.0	70.4	105.6





#49
Acenaphthylene
Concen: 42.386 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

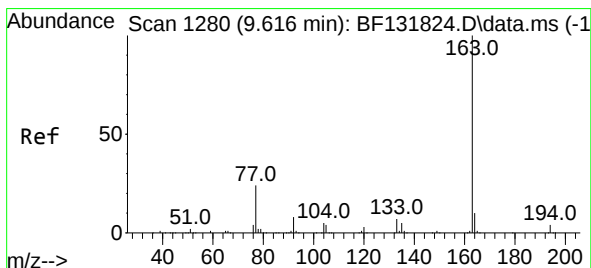
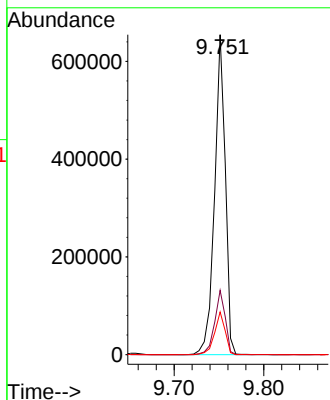
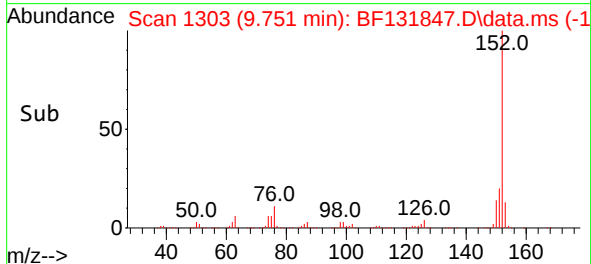
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



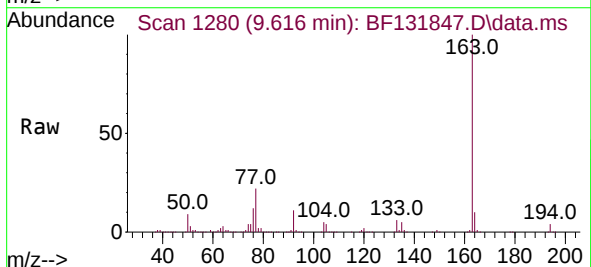
Tgt Ion:152 Resp: 547165
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 13.3 10.2 15.4

Manual Integrations
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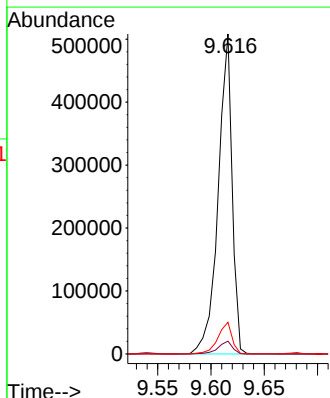
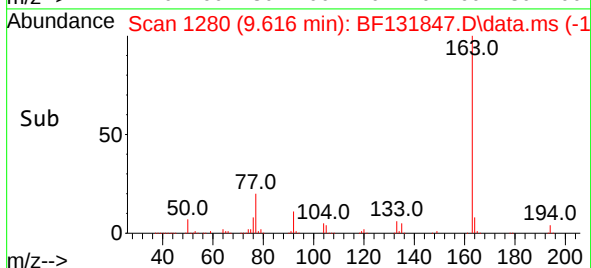
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

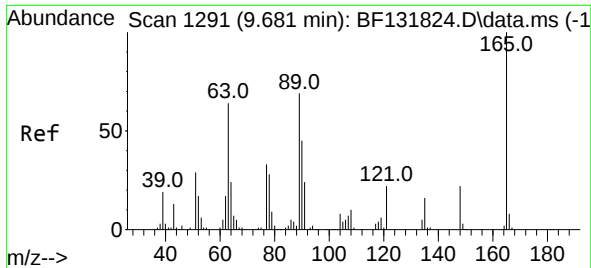


#50
Dimethylphthalate
Concen: 44.794 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34



Tgt Ion:163 Resp: 463841
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.9 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 42.511 ng

RT: 9.681 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

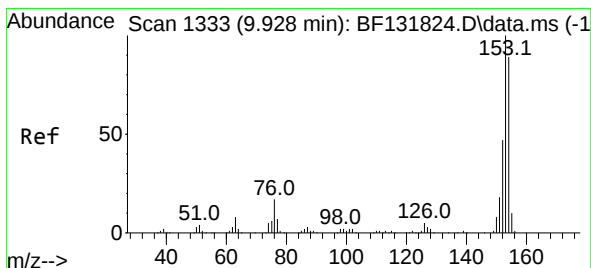
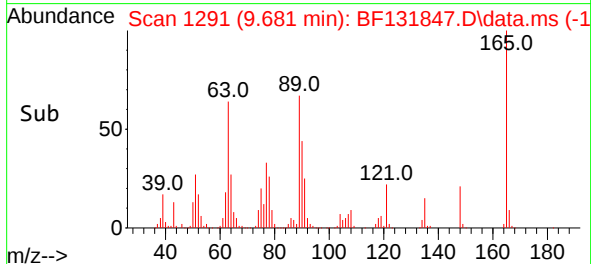
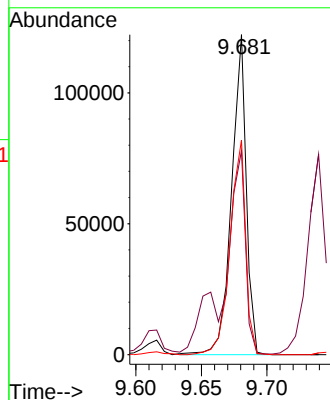
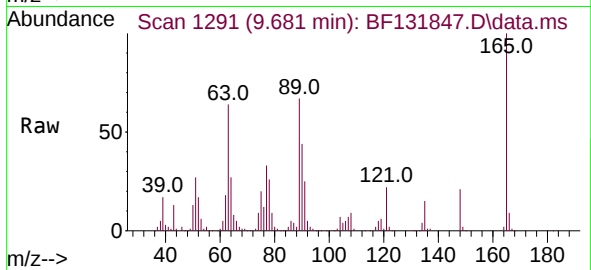
HD-01-122322MS

Tgt Ion:165	Resp:	95293
Ion Ratio	Lower	Upper
165	100	
63	63.7	55.1 82.7
89	67.0	55.0 82.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#52

Acenaphthene

Concen: 41.933 ng

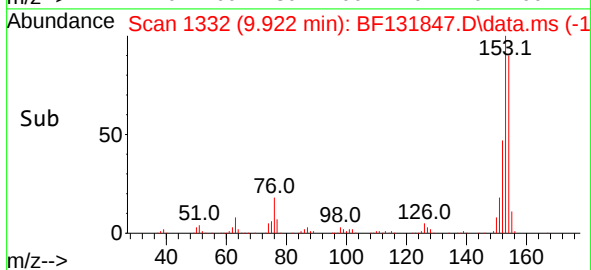
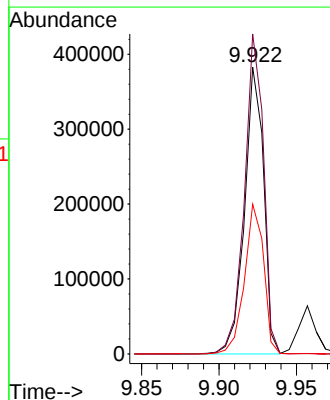
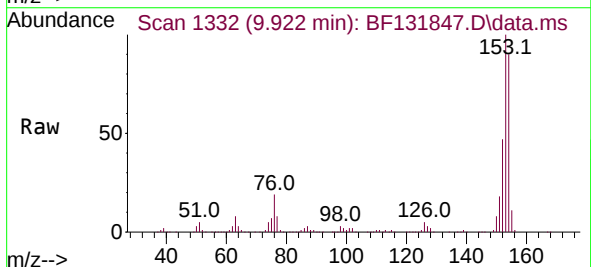
RT: 9.922 min Scan# 1332

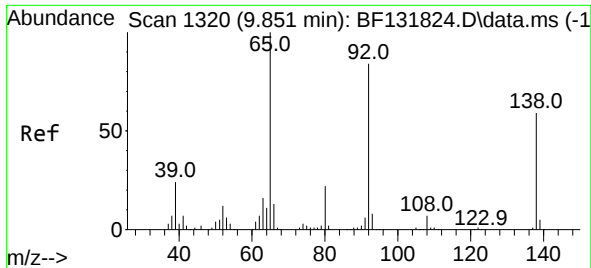
Delta R.T. -0.006 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Tgt Ion:154	Resp:	326701
Ion Ratio	Lower	Upper
154	100	
153	111.6	90.2 135.2
152	52.2	42.5 63.7





#53
3-Nitroaniline
Concen: 17.396 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

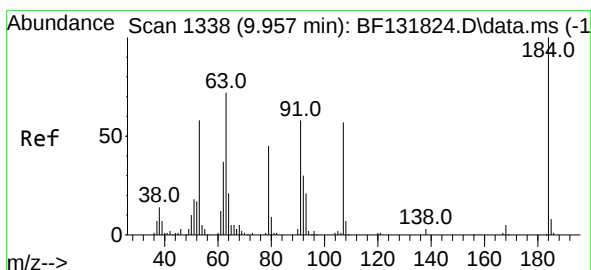
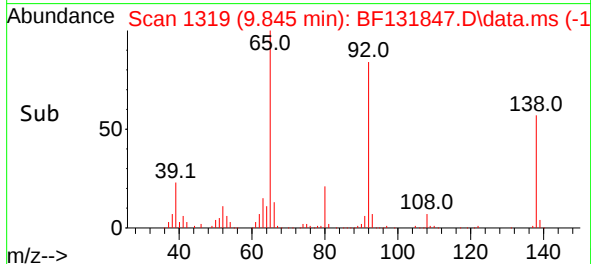
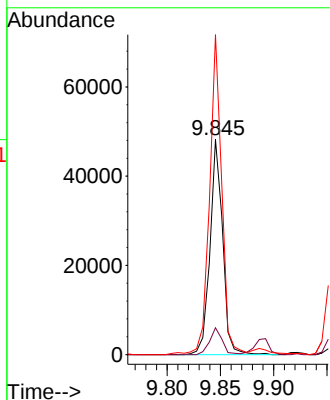
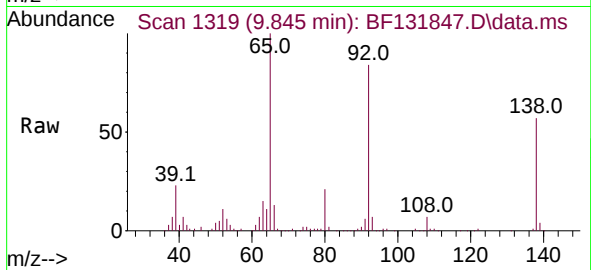
ClientSampleId :

HD-01-122322MS

Tgt Ion:138 Resp: 39732
Ion Ratio Lower Upper
138 100
108 12.5 9.3 13.9
92 148.8 113.9 170.9

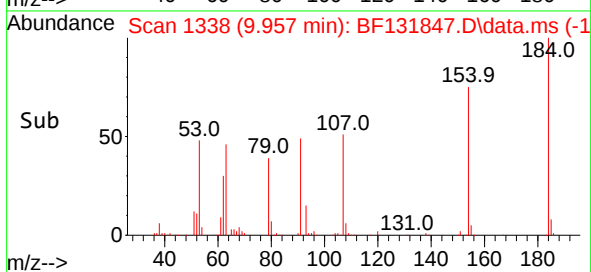
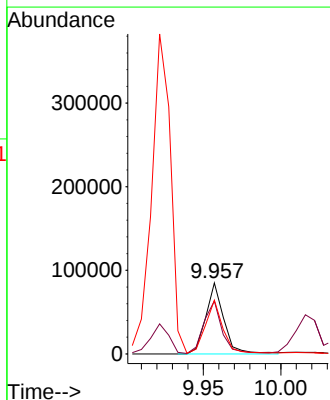
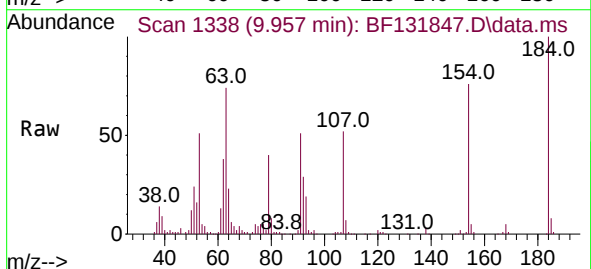
Manual Integrations
APPROVED

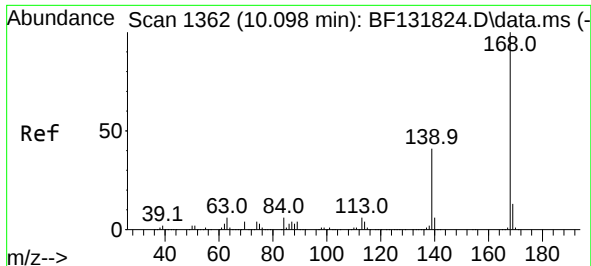
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#54
2,4-Dinitrophenol
Concen: 53.751 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

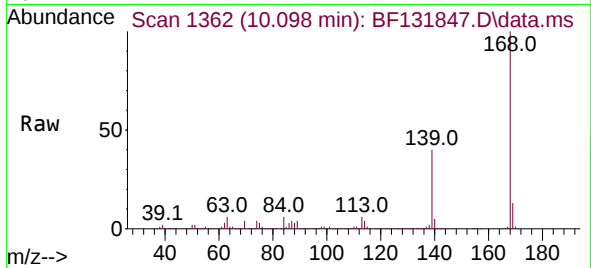
Tgt Ion:184 Resp: 69337
Ion Ratio Lower Upper
184 100
63 74.5 66.8 100.2
154 75.6 61.6 92.4





#55
Dibenzofuran
Concen: 42.163 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

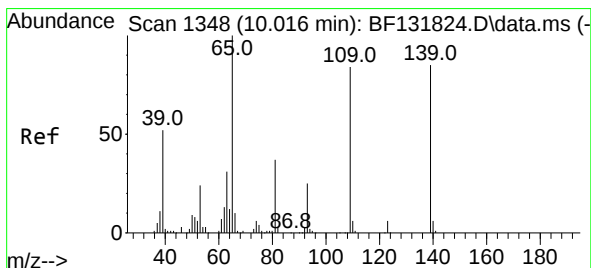
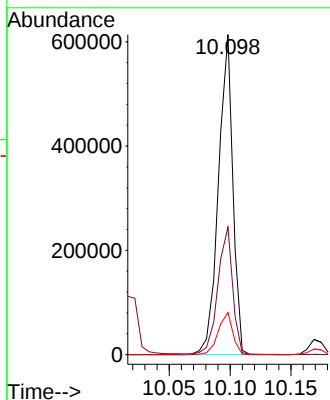
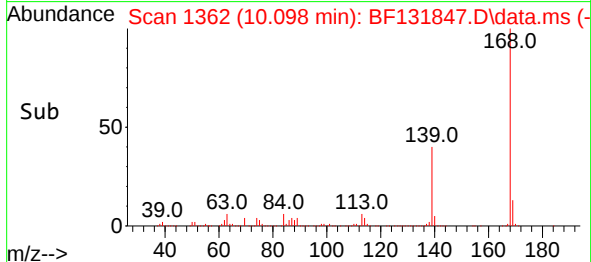
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



Tgt Ion:168 Resp: 506100
Ion Ratio Lower Upper
168 100
139 39.8 32.6 49.0
169 13.2 10.5 15.7

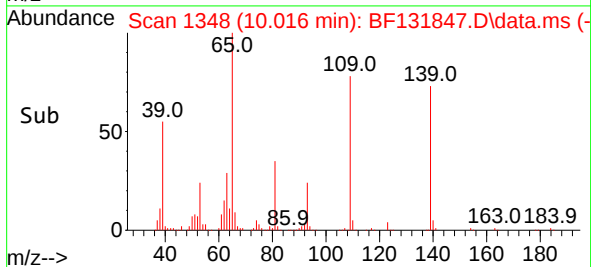
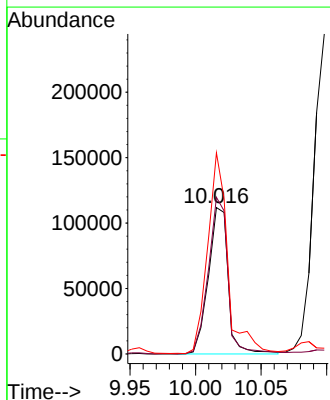
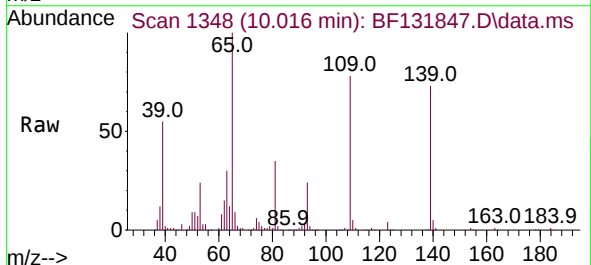
Manual Integrations
APPROVED

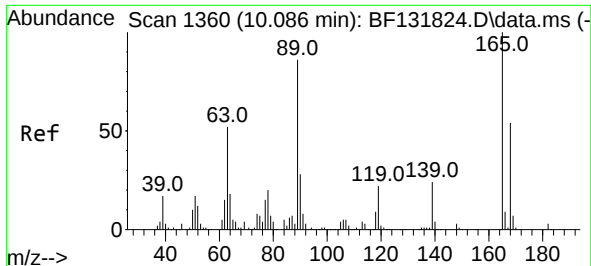
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#56
4-Nitrophenol
Concen: 73.411 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:139 Resp: 117458
Ion Ratio Lower Upper
139 100
109 107.0 78.5 118.5
65 137.5 97.5 137.5





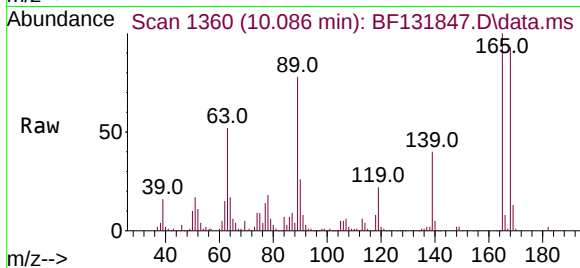
#57
2,4-Dinitrotoluene
Concen: 41.365 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

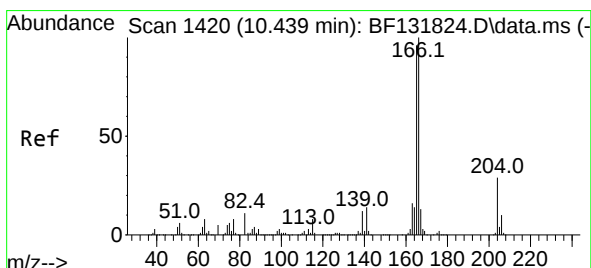
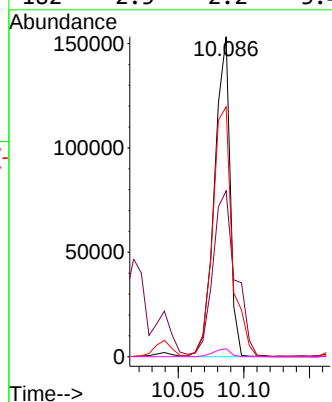
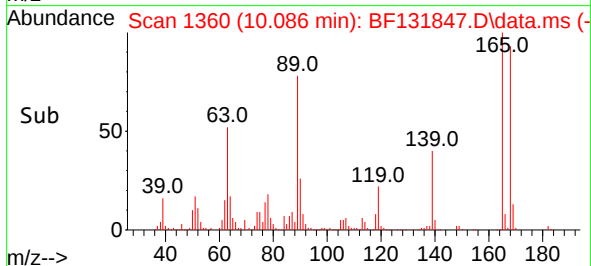


Tgt Ion:165 Resp: 126807
Ion Ratio Lower Upper
165 100
63 51.8 42.1 63.1
89 78.0 69.1 103.7
182 2.5 2.2 3.4

Manual Integrations

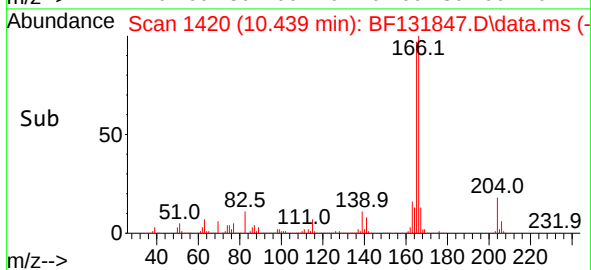
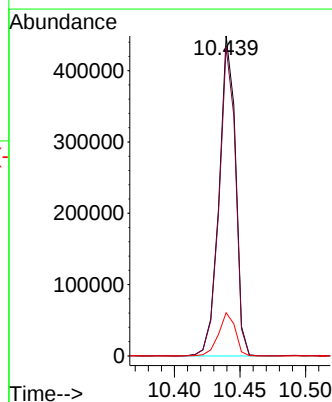
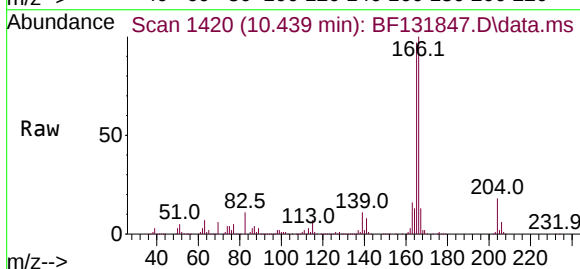
APPROVED

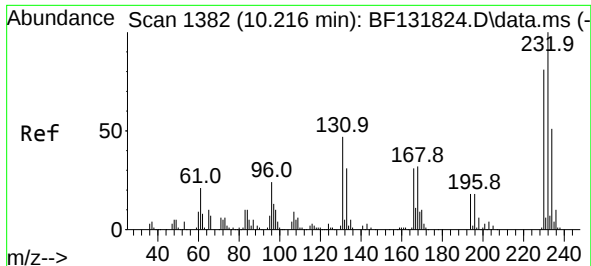
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#58
Fluorene
Concen: 40.049 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

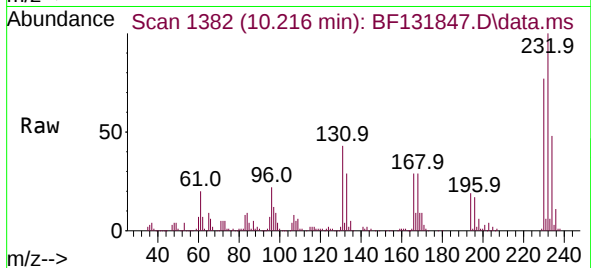
Tgt Ion:166 Resp: 392454
Ion Ratio Lower Upper
166 100
165 96.5 77.0 115.4
167 13.5 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.427 ng m
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

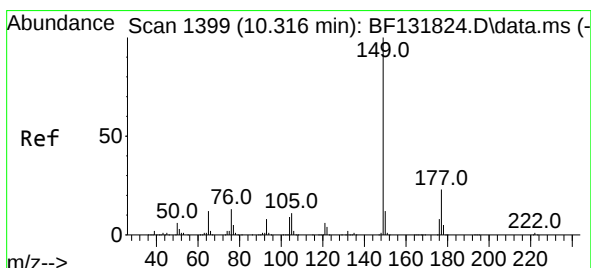
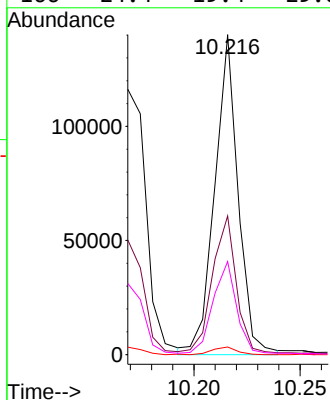
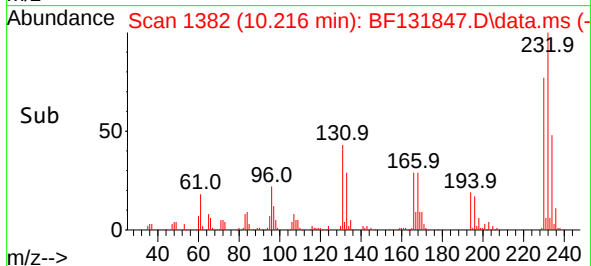
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



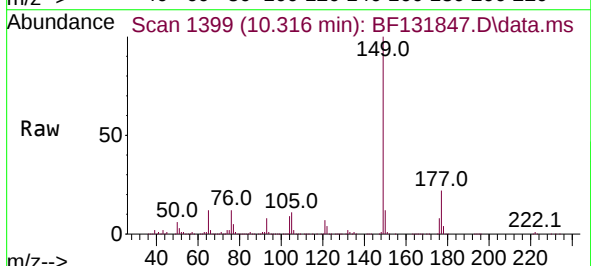
Tgt Ion:232 Resp: 107654
Ion Ratio Lower Upper
232 100
131 39.4 30.1 45.1
130 2.5 1.8 2.6
166 24.4 19.4 29.0

Manual Integrations
APPROVED

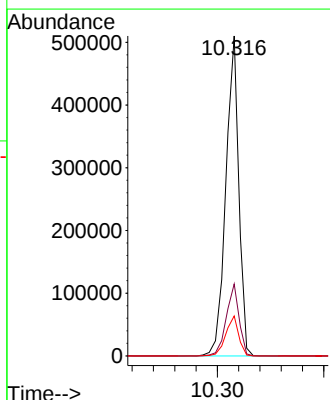
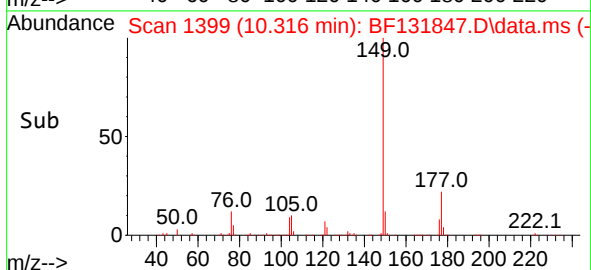
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

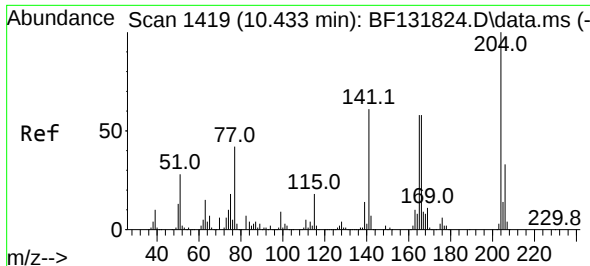


#60
Diethylphthalate
Concen: 43.277 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34



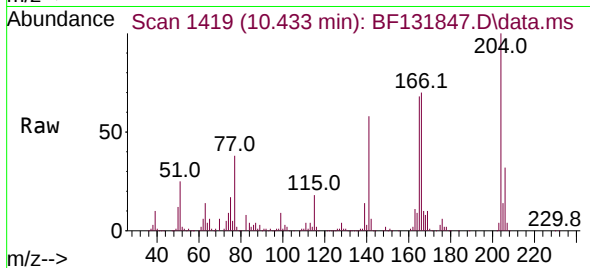
Tgt Ion:149 Resp: 431310
Ion Ratio Lower Upper
149 100
177 22.5 18.1 27.1
150 12.5 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 42.769 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

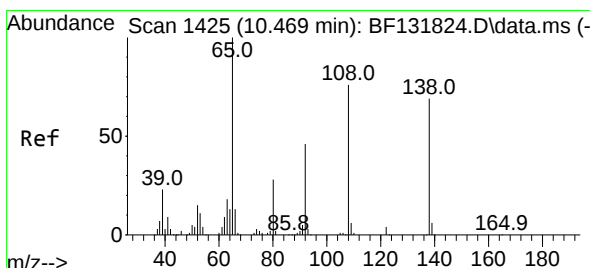
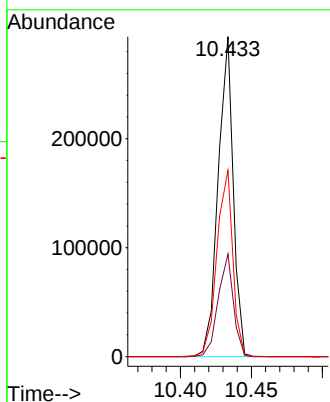
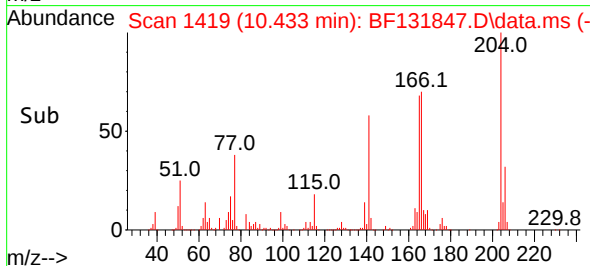
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



Tgt Ion:204 Resp: 217876
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 58.2 49.0 73.4

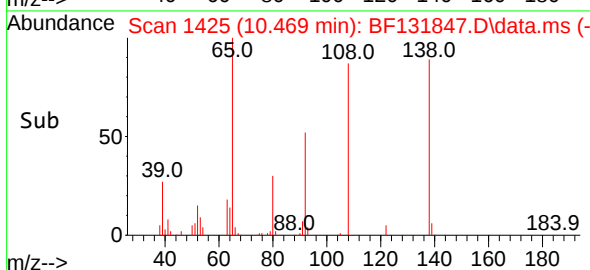
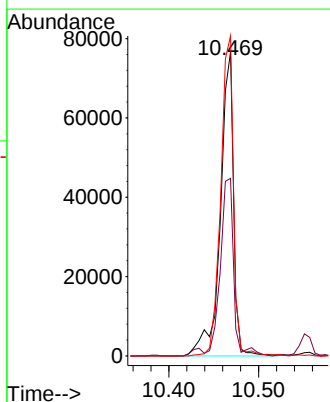
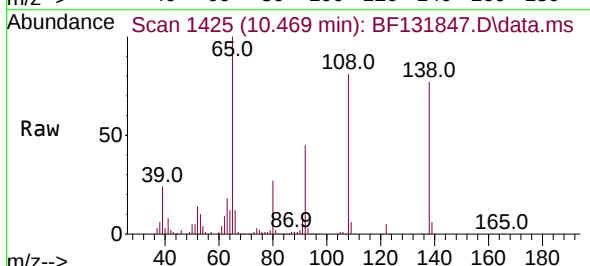
Manual Integrations
APPROVED

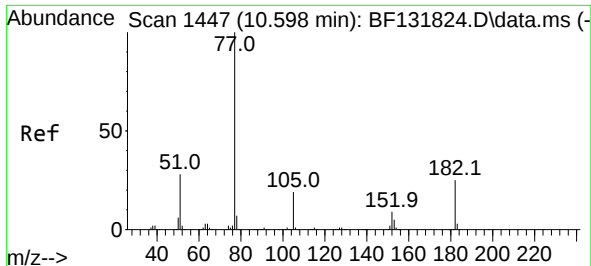
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#62
4-Nitroaniline
Concen: 33.166 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

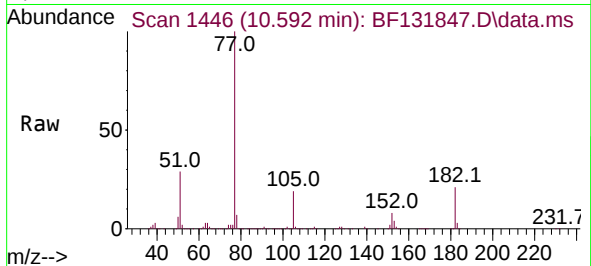
Tgt Ion:138 Resp: 78948
Ion Ratio Lower Upper
138 100
92 58.4 47.2 87.2
108 105.3 89.2 129.2





#63
Azobenzene
Concen: 47.126 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

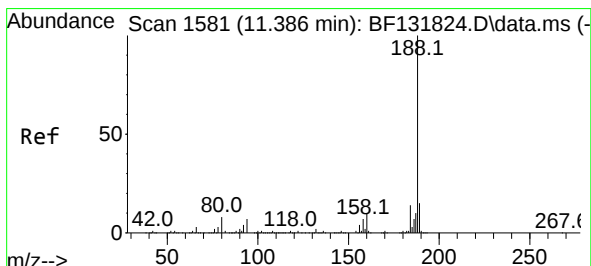
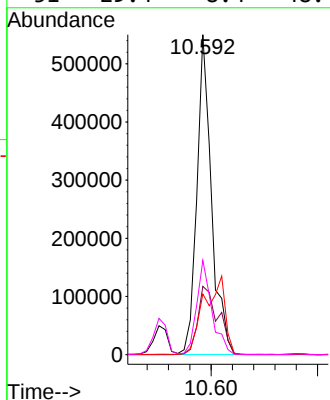
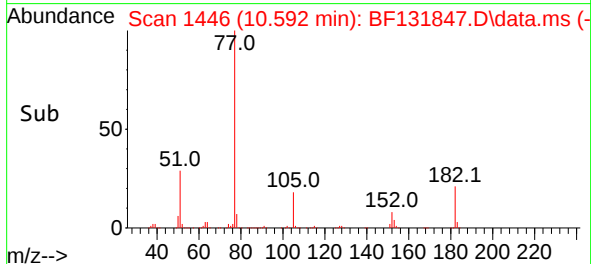
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



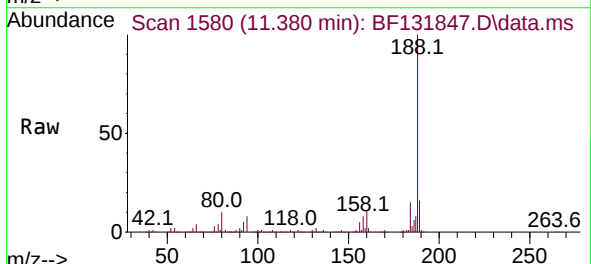
Tgt Ion: 77 Resp: 52124
Ion Ratio Lower Upper
77 100
182 21.3 5.0 45.0
105 18.9 0.0 39.4
51 29.4 8.4 48.4

Manual Integrations
APPROVED

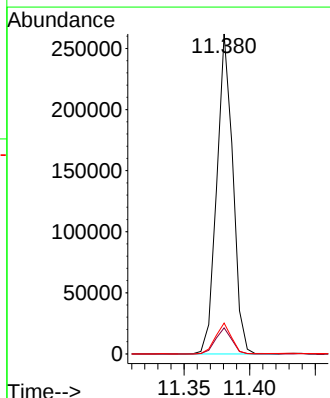
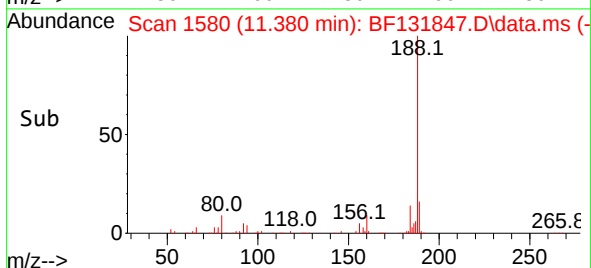
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

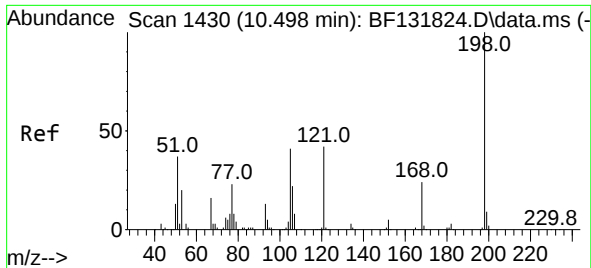


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34



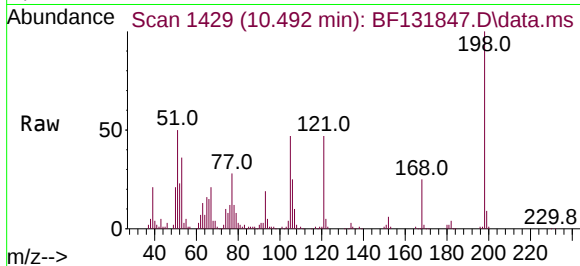
Tgt Ion:188 Resp: 224270
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.6
80 9.6 6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 34.010 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

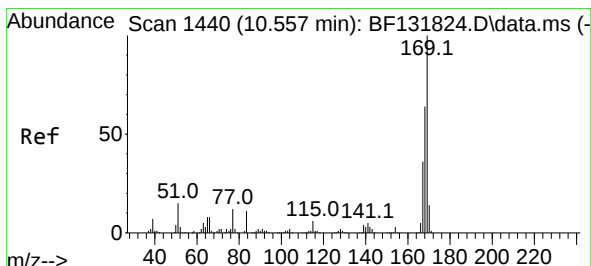
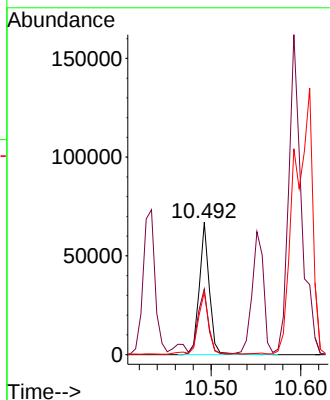
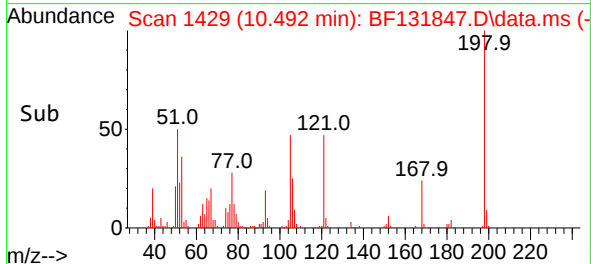
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



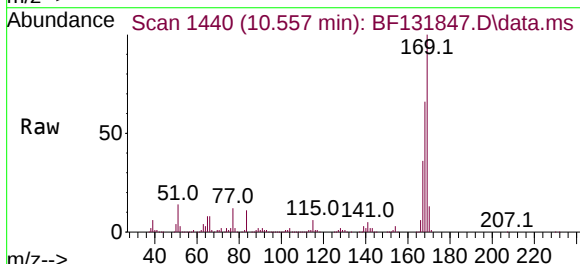
Tgt Ion:198 Resp: 51932
Ion Ratio Lower Upper
198 100
51 49.5 21.6 61.6
105 47.2 22.0 62.0

Manual Integrations
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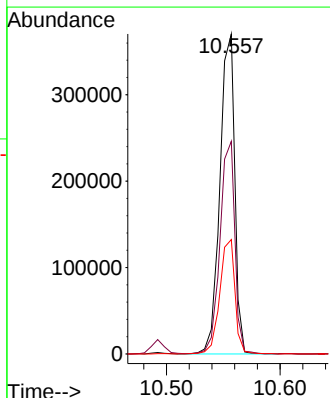
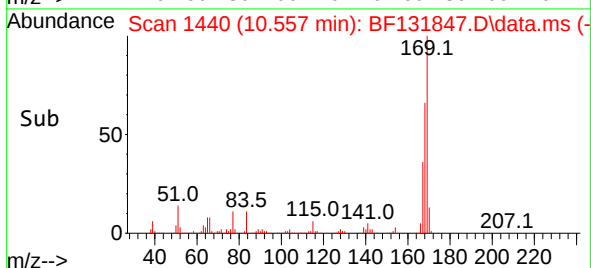
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

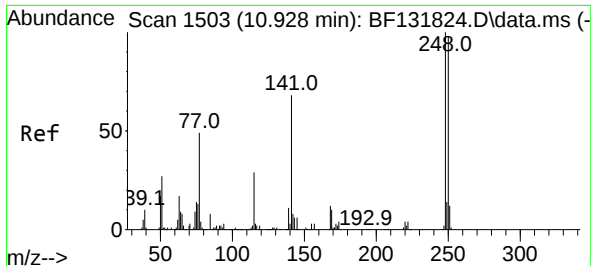


#66
n-Nitrosodiphenylamine
Concen: 49.026 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34



Tgt Ion:169 Resp: 335395
Ion Ratio Lower Upper
169 100
168 66.4 51.5 77.3
167 35.7 28.4 42.6





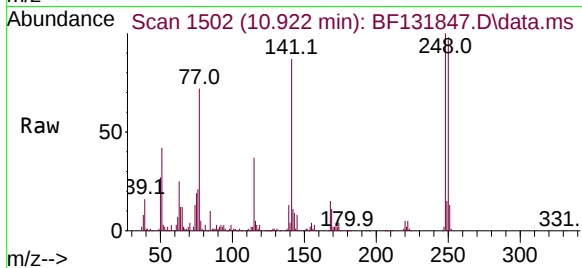
#67
4-Bromophenyl-phenylether
Concen: 47.530 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

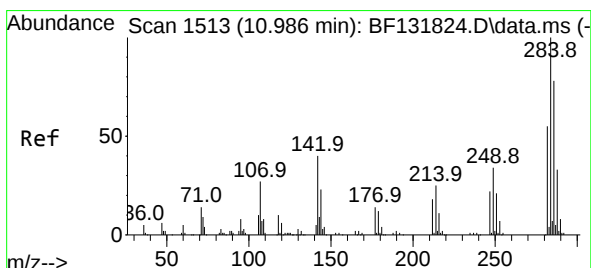
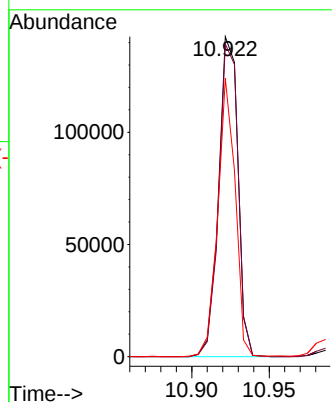
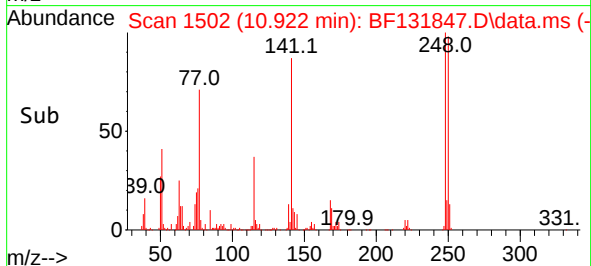


Tgt Ion:248 Resp: 123544
Ion Ratio Lower Upper
248 100
250 97.7 78.0 117.0
141 86.9 54.8 82.2

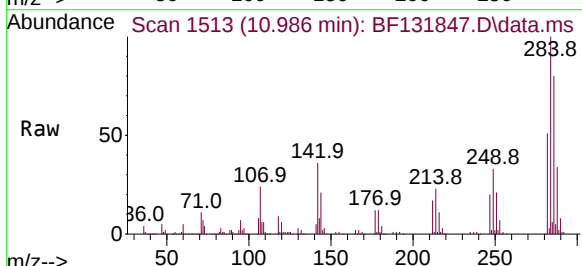
Manual Integrations

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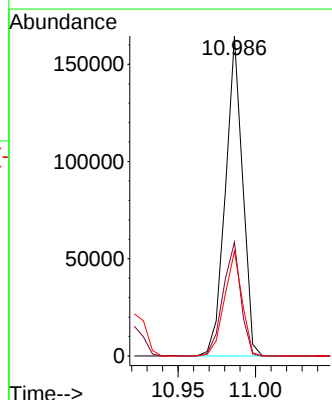
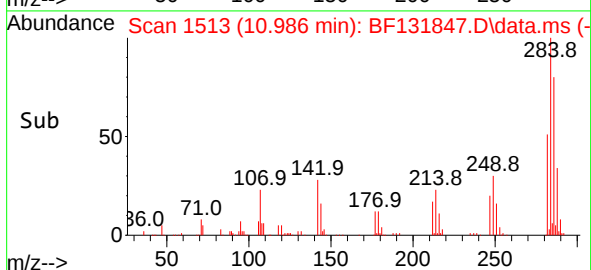
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

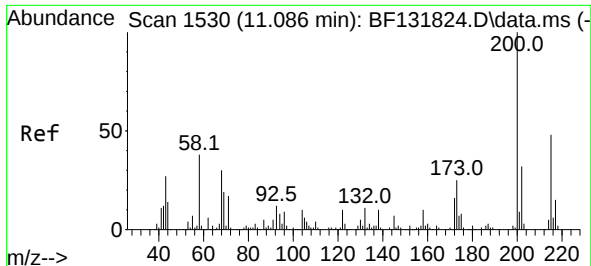


#68
Hexachlorobenzene
Concen: 44.322 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34



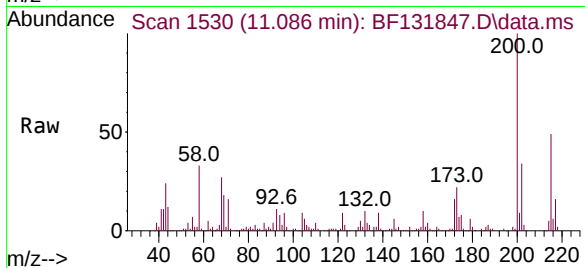
Tgt Ion:284 Resp: 126555
Ion Ratio Lower Upper
284 100
142 35.5 31.6 47.4
249 32.7 26.9 40.3





#69
 Atrazine
 Concen: 53.148 ng
 RT: 11.086 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131847.D
 Acq: 27 Dec 2022 20:34

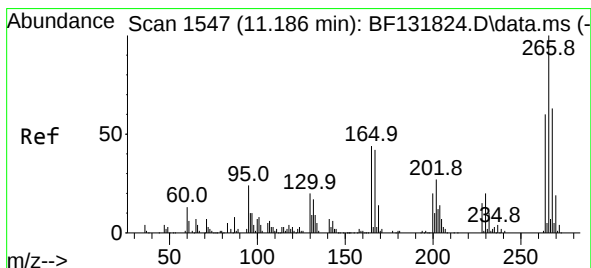
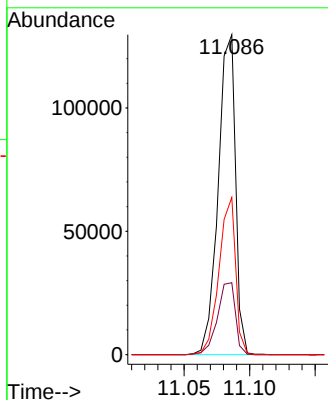
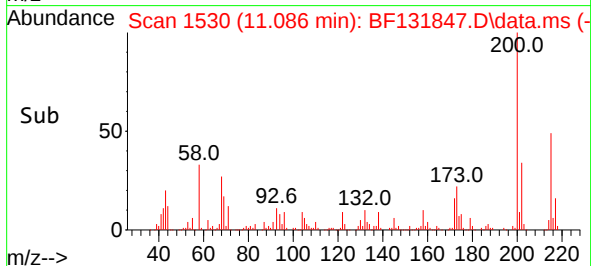
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-122322MS



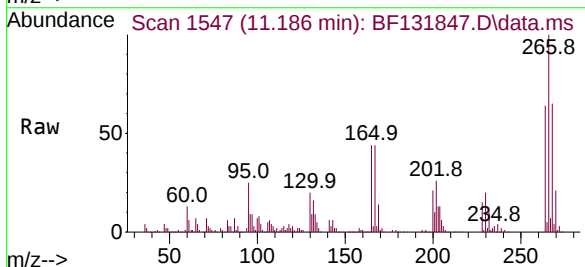
Tgt Ion:200 Resp: 119701
 Ion Ratio Lower Upper
 200 100
 173 22.5 4.5 44.5
 215 49.1 28.5 68.5

Manual Integrations
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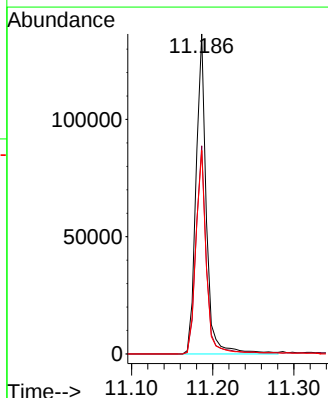
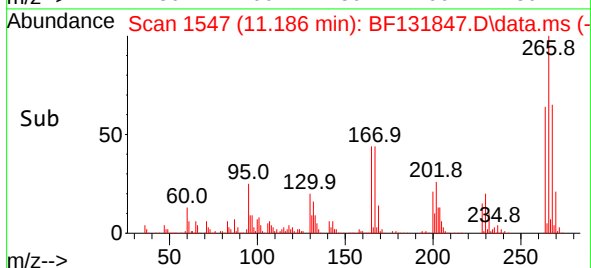
Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Jagrut Upadhyay 12/28/2022

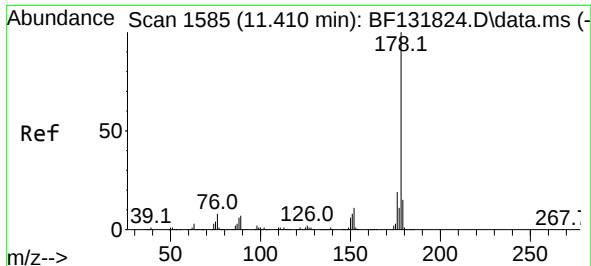


#70
 Pentachlorophenol
 Concen: 85.151 ng
 RT: 11.186 min Scan# 1547
 Delta R.T. 0.000 min
 Lab File: BF131847.D
 Acq: 27 Dec 2022 20:34



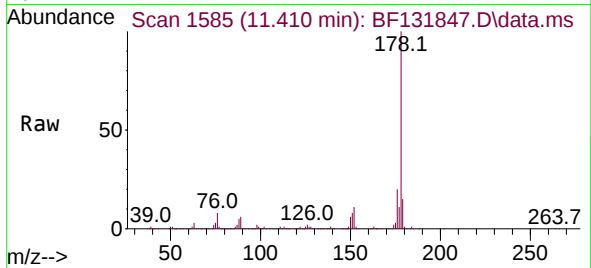
Tgt Ion:266 Resp: 120311
 Ion Ratio Lower Upper
 266 100
 268 65.0 50.5 75.7
 264 63.6 48.3 72.5





#71
Phenanthrene
Concen: 41.124 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

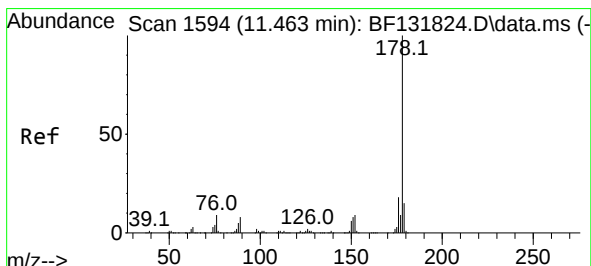
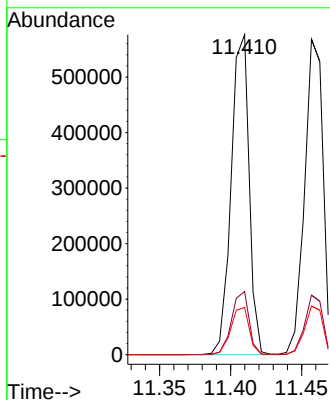
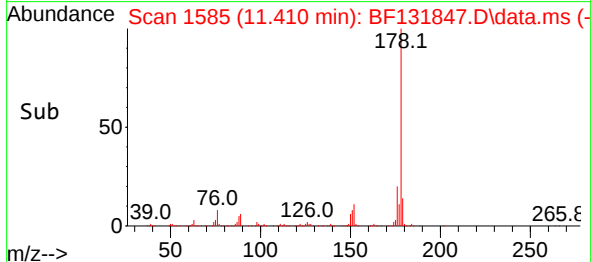
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



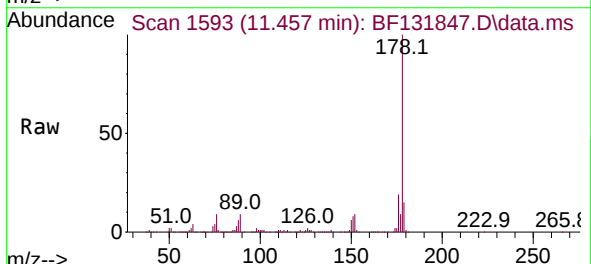
Tgt Ion:178 Resp: 507183
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 14.7 12.2 18.4

Manual Integrations
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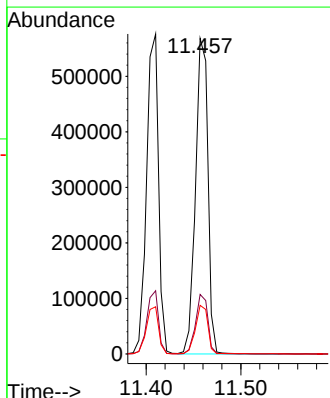
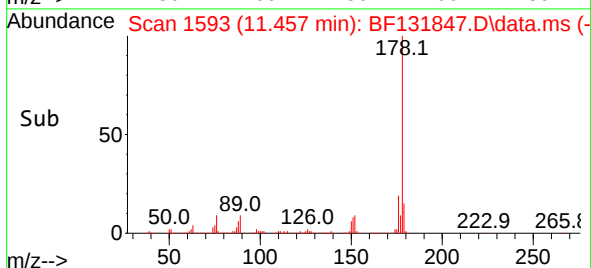
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

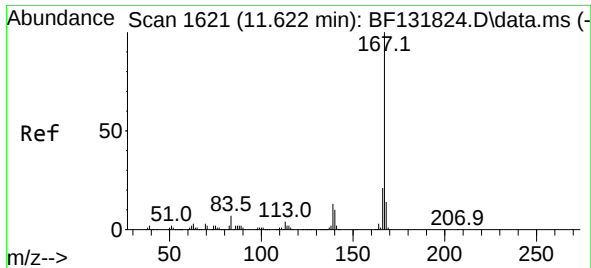


#72
Anthracene
Concen: 42.778 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34



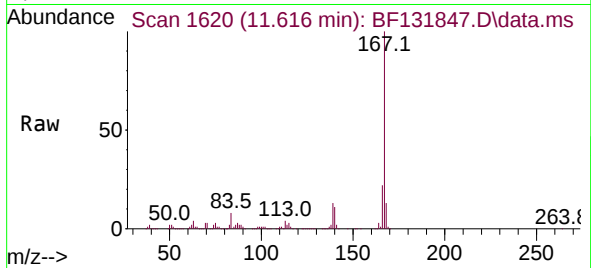
Tgt Ion:178 Resp: 516100
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.4 12.2 18.2





#73
Carbazole
Concen: 39.215 ng
RT: 11.616 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

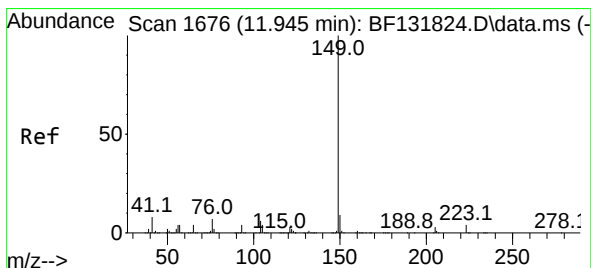
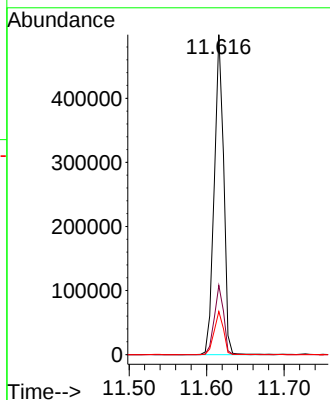
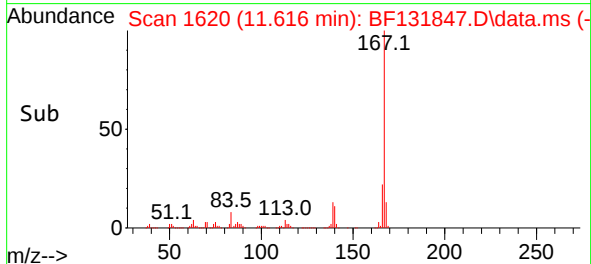
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



Tgt Ion:167 Resp: 417666
Ion Ratio Lower Upper
167 100
166 21.7 16.6 24.8
139 13.5 10.6 15.8

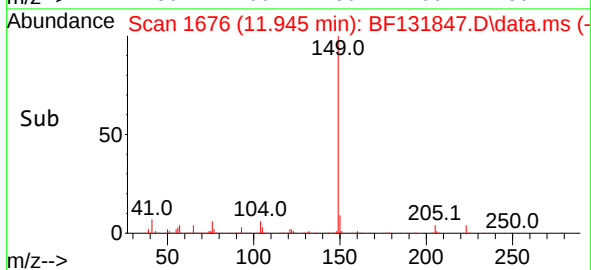
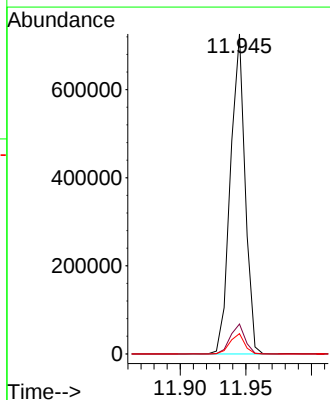
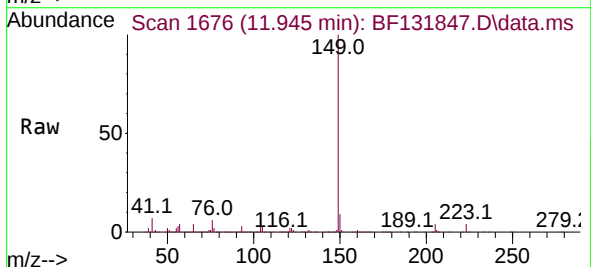
Manual Integrations
APPROVED

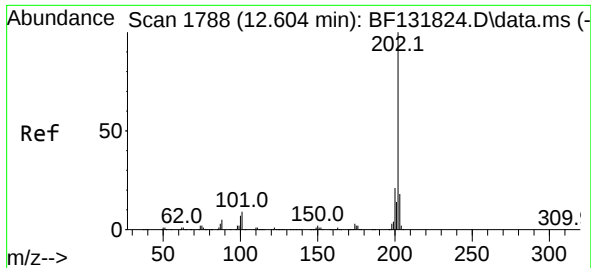
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#74
Di-n-butylphthalate
Concen: 44.091 ng
RT: 11.945 min Scan# 1676
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

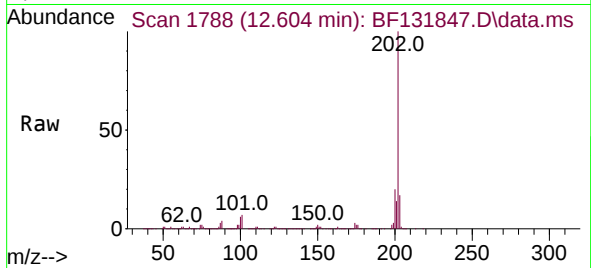
Tgt Ion:149 Resp: 567616
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 6.3 5.1 7.7





#75
Fluoranthene
Concen: 33.500 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

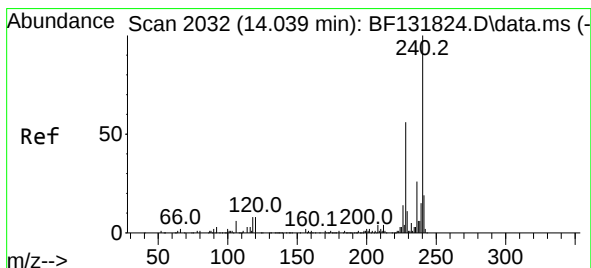
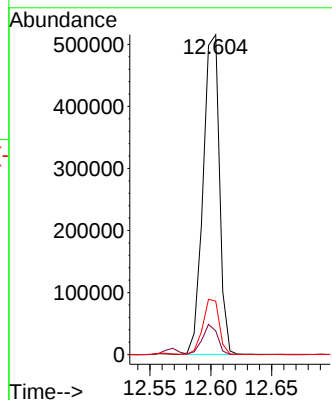
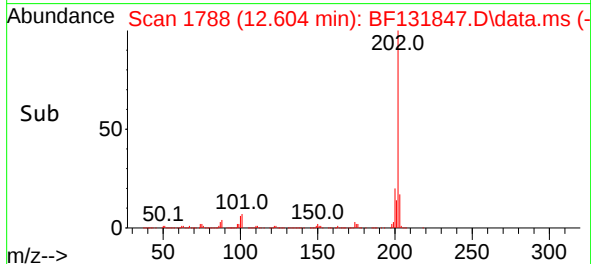
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



Tgt Ion:202 Resp: 481235
Ion Ratio Lower Upper
202 100
101 7.4 0.0 28.6
203 16.7 0.0 37.8

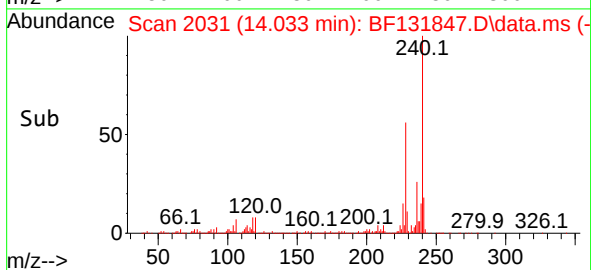
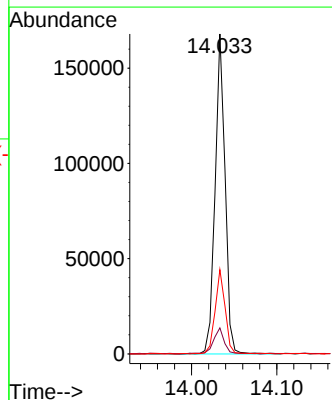
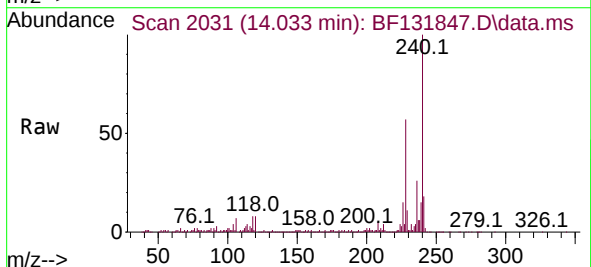
Manual Integrations
APPROVED

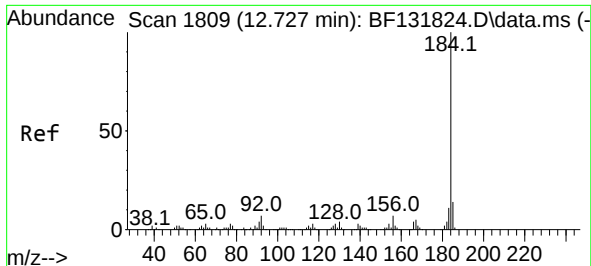
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:240 Resp: 136563
Ion Ratio Lower Upper
240 100
120 8.1 6.7 10.1
236 26.3 20.6 31.0





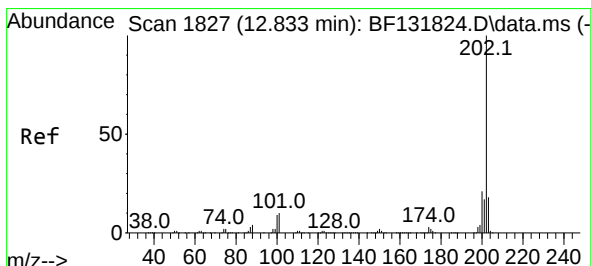
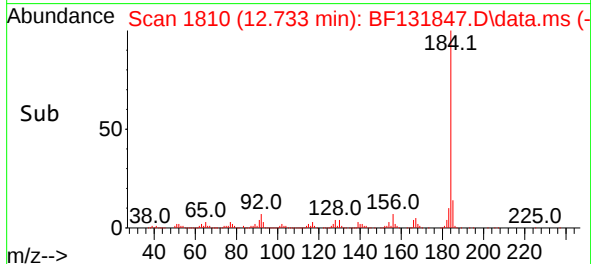
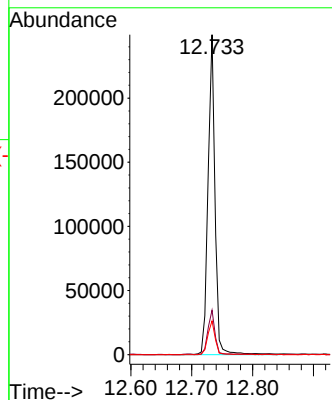
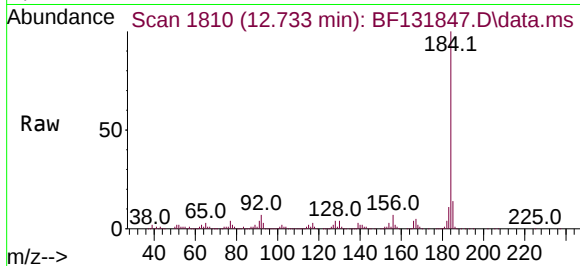
#77
Benzidine
Concen: 87.848 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

Tgt Ion:184 Resp: 197152
Ion Ratio Lower Upper
184 100
185 13.9 11.6 17.4
183 10.5 9.0 13.4

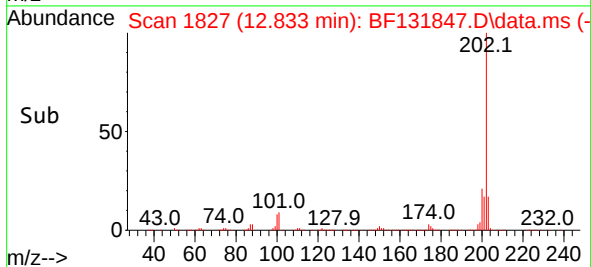
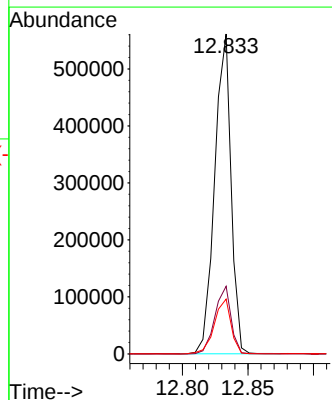
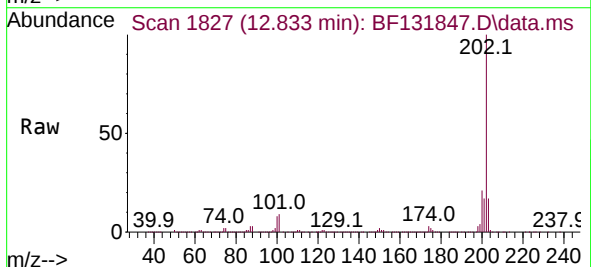
Manual Integrations
APPROVED

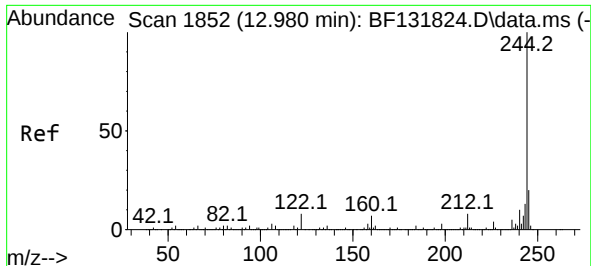
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#78
Pyrene
Concen: 42.681 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:202 Resp: 488536
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.1 14.4 21.6





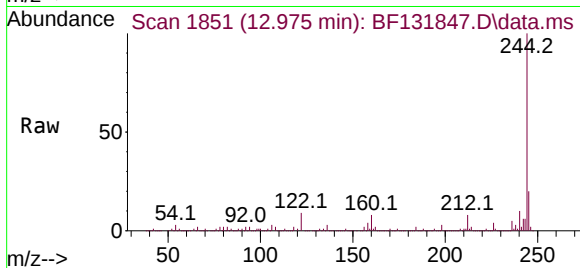
#79
 Terphenyl-d14
 Concen: 79.107 ng
 RT: 12.975 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF131847.D
 Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

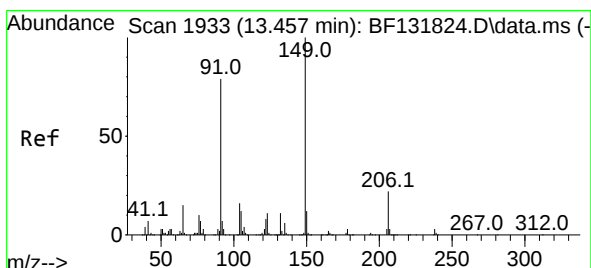
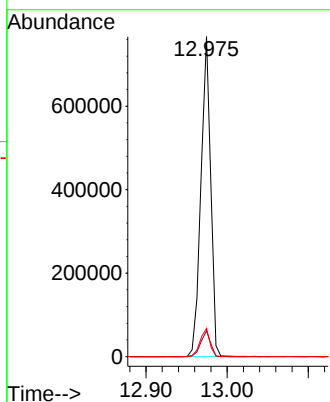
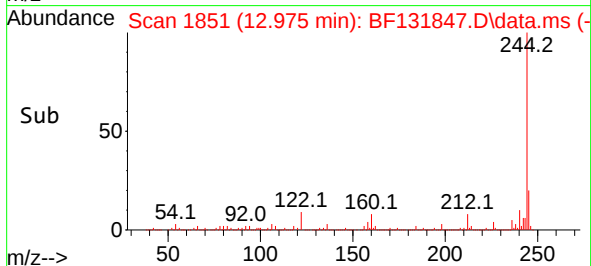


Tgt Ion:244 Resp: 638659
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.8 6.4 9.6

Manual Integrations

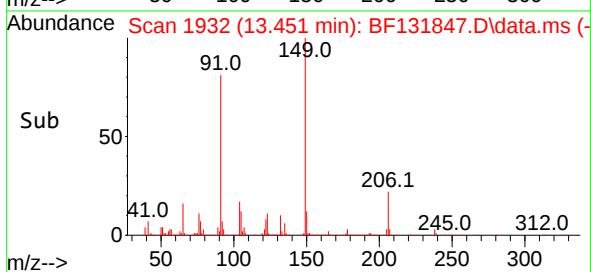
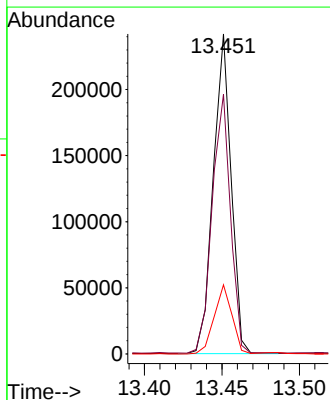
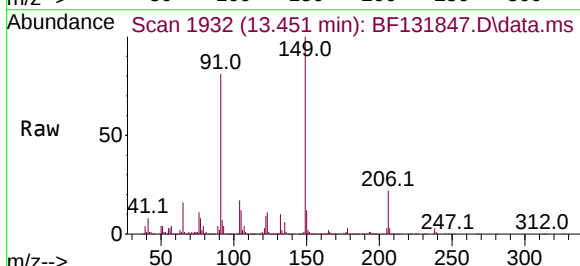
APPROVED

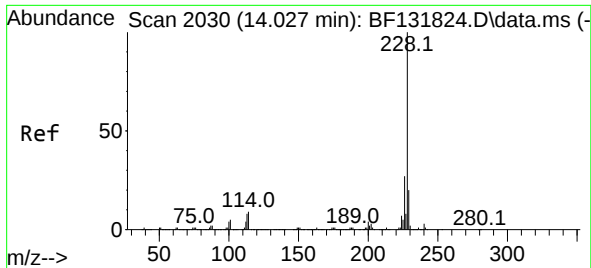
Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Jagrut Upadhyay 12/28/2022



#80
 Butylbenzylphthalate
 Concen: 45.821 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF131847.D
 Acq: 27 Dec 2022 20:34

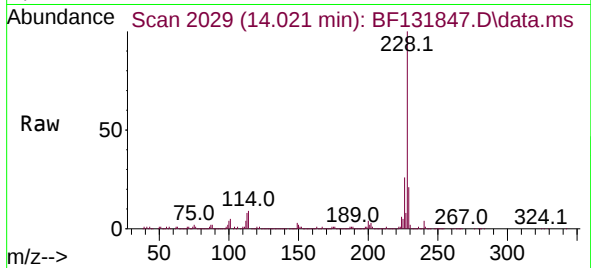
Tgt Ion:149 Resp: 194533
 Ion Ratio Lower Upper
 149 100
 91 81.1 63.2 94.8
 206 21.6 17.9 26.9





#81
Benzo(a)anthracene
Concen: 42.059 ng
RT: 14.021 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

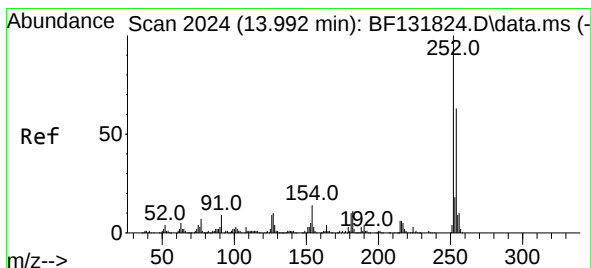
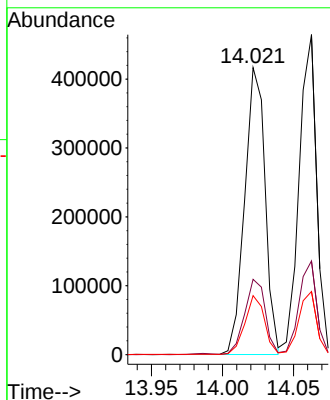
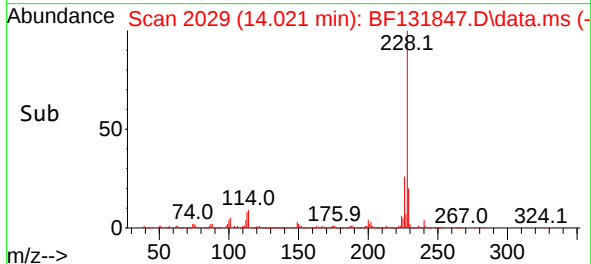
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



Tgt Ion:228 Resp: 415859
Ion Ratio Lower Upper
228 100
226 26.3 22.0 33.0
229 20.5 16.0 24.0

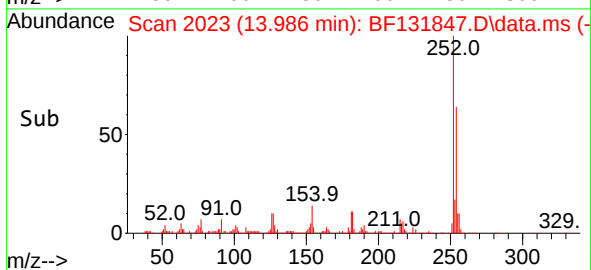
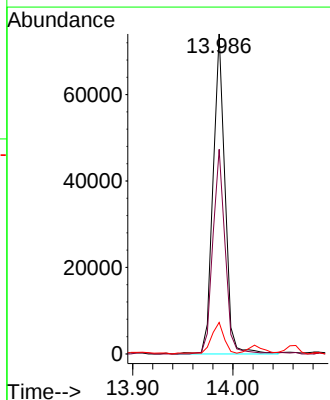
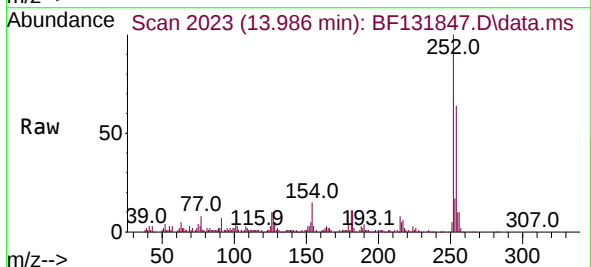
Manual Integrations
APPROVED

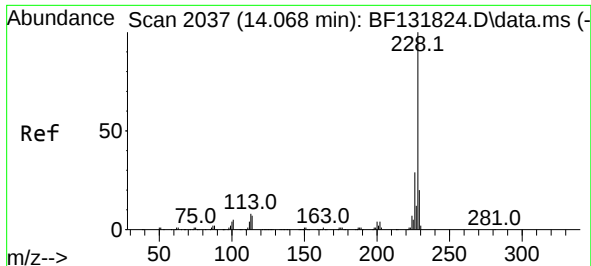
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#82
3,3'-Dichlorobenzidine
Concen: 21.455 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:252 Resp: 61315
Ion Ratio Lower Upper
252 100
254 63.9 50.4 75.6
126 9.8 7.5 11.3





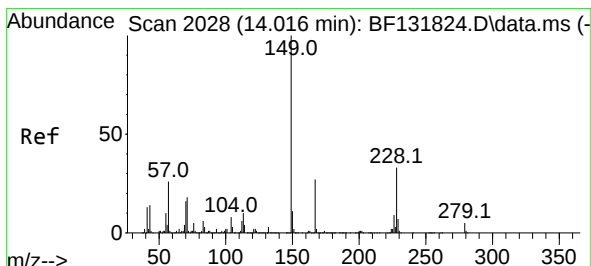
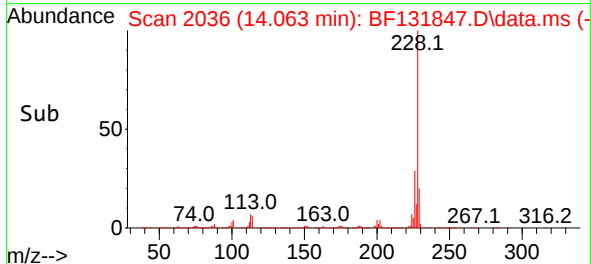
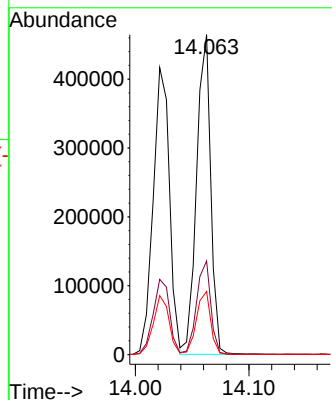
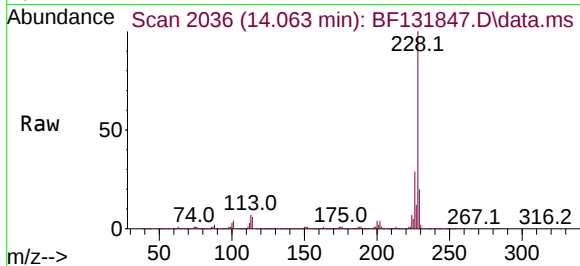
#83
Chrysene
Concen: 43.037 ng
RT: 14.063 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS

Tgt Ion:228 Resp: 399864
Ion Ratio Lower Upper
228 100
226 29.3 23.5 35.3
229 19.7 16.2 24.2

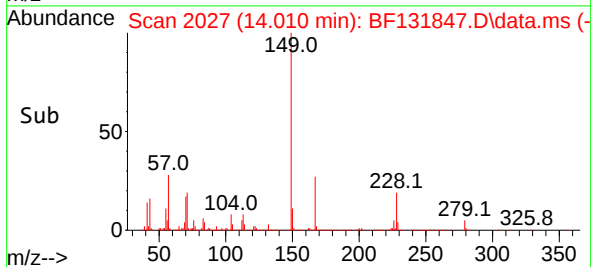
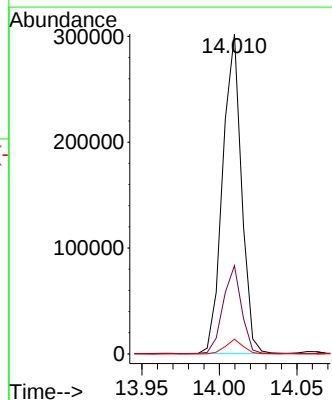
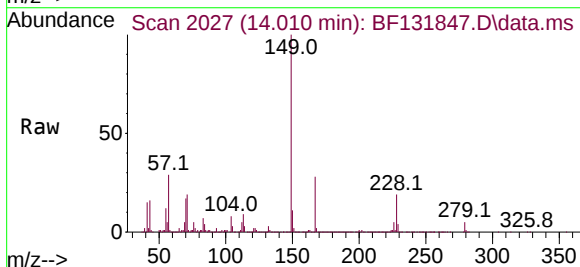
Manual Integrations
APPROVED

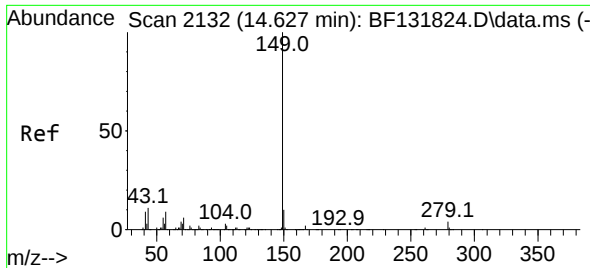
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.470 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

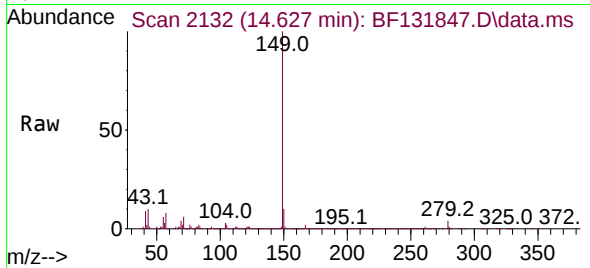
Tgt Ion:149 Resp: 255724
Ion Ratio Lower Upper
149 100
167 27.6 21.8 32.6
279 4.6 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 62.543 ng
RT: 14.627 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

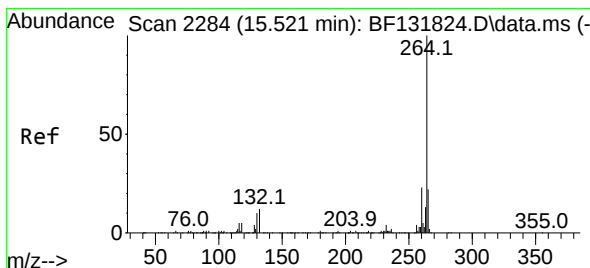
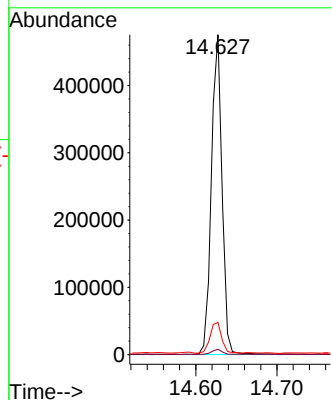
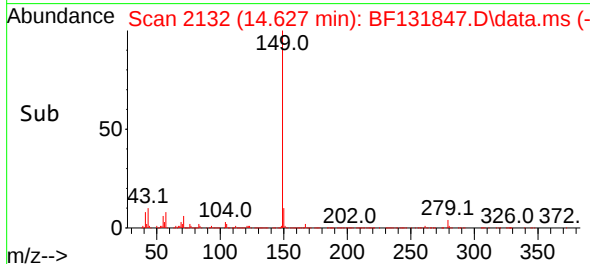
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



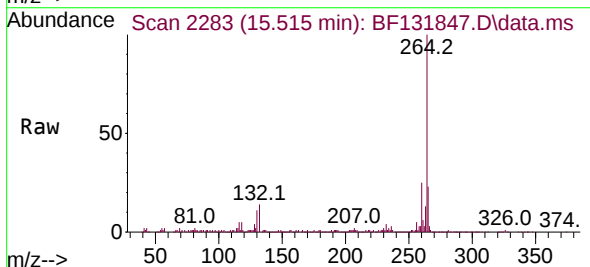
Tgt Ion:149 Resp: 435221
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.4 8.1 12.1

Manual Integrations
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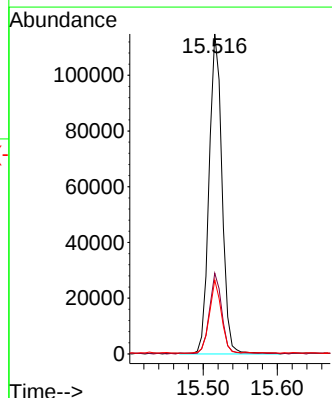
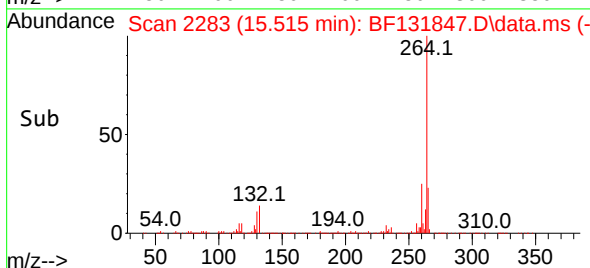
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

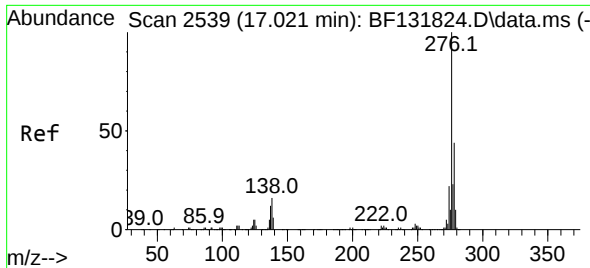


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34



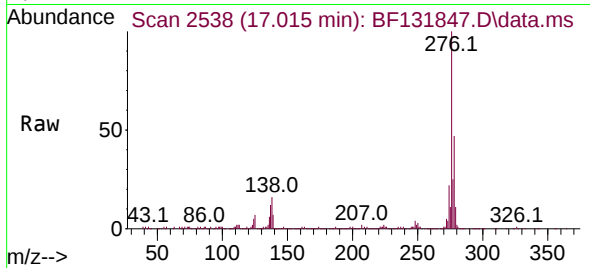
Tgt Ion:264 Resp: 139049
Ion Ratio Lower Upper
264 100
260 25.2 18.6 28.0
265 23.1 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.255 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

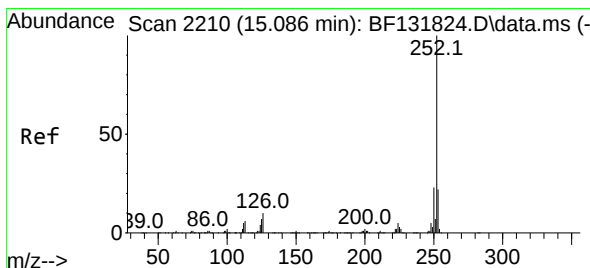
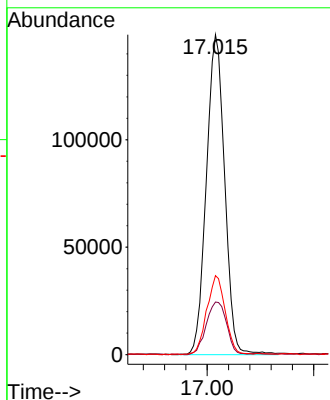
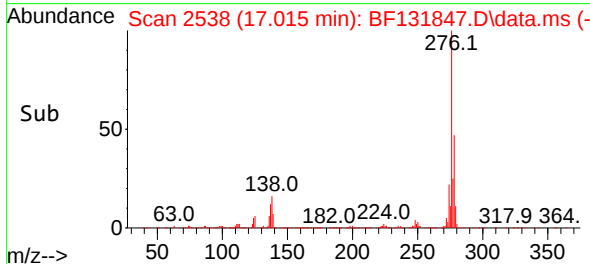
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



Tgt Ion:276 Resp: 355612
Ion Ratio Lower Upper
276 100
138 18.3 14.5 21.7
277 24.9 19.7 29.5

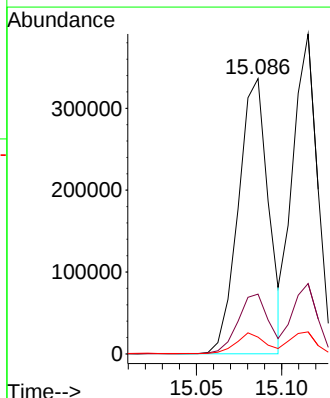
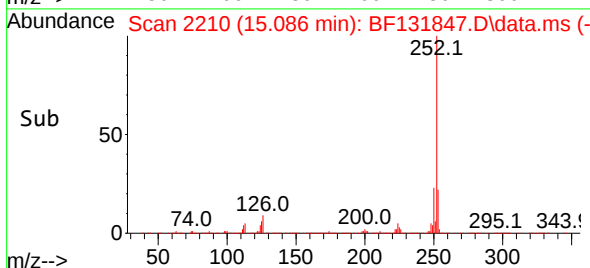
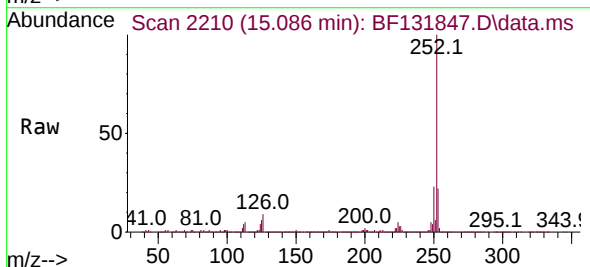
Manual Integrations
APPROVED

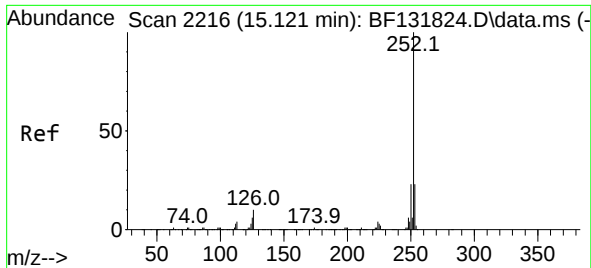
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#88
Benzo(b)fluoranthene
Concen: 40.652 ng
RT: 15.086 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:252 Resp: 414475
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 6.1 5.8 8.8





#89

Benzo(k)fluoranthene

Concen: 40.242 ng

RT: 15.116 min Scan# 2215

Delta R.T. -0.006 min

Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Instrument :

BNA_F

ClientSampleId :

HD-01-122322MS

Tgt Ion:252 Resp: 396431

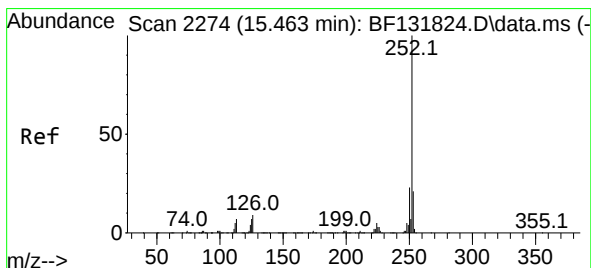
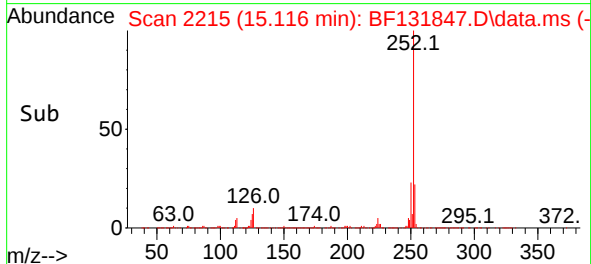
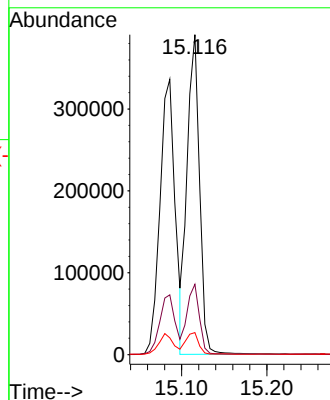
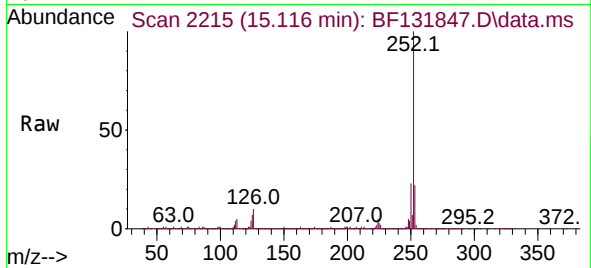
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	6.9	5.4	8.0

Manual Integrations

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Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Jagrut Upadhyay 12/28/2022



#90

Benzo(a)pyrene

Concen: 43.547 ng

RT: 15.457 min Scan# 2273

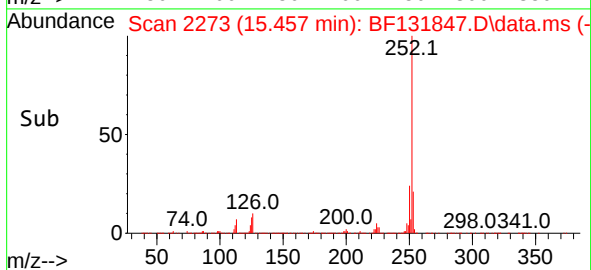
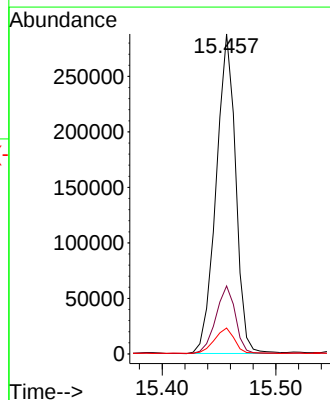
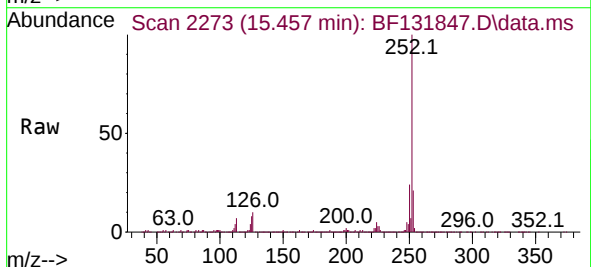
Delta R.T. -0.006 min

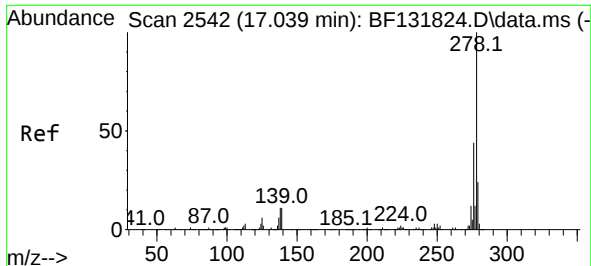
Lab File: BF131847.D

Acq: 27 Dec 2022 20:34

Tgt Ion:252 Resp: 343739

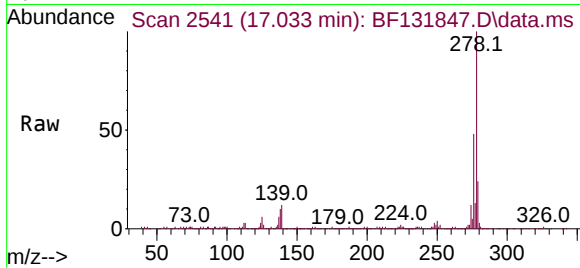
Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.6	24.8
125	8.1	5.8	8.8





#91
Dibenzo(a,h)anthracene
Concen: 41.554 ng
RT: 17.033 min Scan# 2541
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

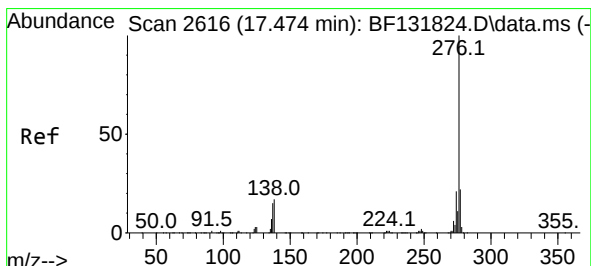
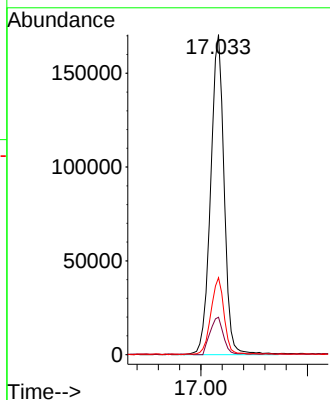
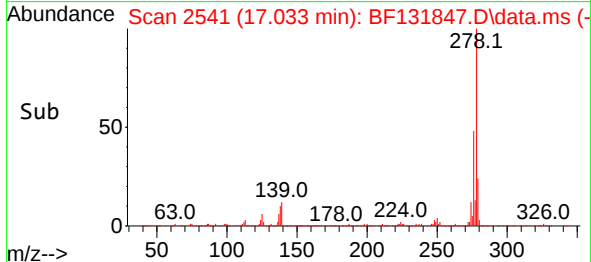
Instrument :
BNA_F
ClientSampleId :
HD-01-122322MS



Tgt Ion:278 Resp: 30068
Ion Ratio Lower Upper
278 100
139 11.7 8.6 12.8
279 24.0 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#92
Benzo(g,h,i)perylene
Concen: 33.419 ng
RT: 17.468 min Scan# 2615
Delta R.T. -0.006 min
Lab File: BF131847.D
Acq: 27 Dec 2022 20:34

Tgt Ion:276 Resp: 270706
Ion Ratio Lower Upper
276 100
277 23.6 17.9 26.9
138 14.4 13.7 20.5

