

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131837.D
 Acq On : 27 Dec 2022 15:16
 Operator : CG\JU
 Sample : PB149909BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149909BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 28 00:33:58 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	6.833	152	84293	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	325343	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	196596	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	387668	20.000	ng	0.00
76) Chrysene-d12	14.039	240	302173	20.000	ng	0.00
86) Perylene-d12	15.521	264	185087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	662171	130.184	ng	0.02
7) Phenol-d6	6.475	99	847510	126.823	ng	0.00
23) Nitrobenzene-d5	7.410	82	583144	71.563	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	254517	119.155	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1002593	69.853	ng	0.00
79) Terphenyl-d14	12.980	244	1367153	76.531	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	85754	36.356	ng	99
3) Pyridine	3.357	79	214765	32.388	ng	98
4) n-Nitrosodimethylamine	3.328	42	129646	41.582	ng	98
6) Aniline	6.498	93	263032	32.455	ng	98
8) 2-Chlorophenol	6.622	128	234911	43.836	ng	98
9) Benzaldehyde	6.381	77	64740	15.098	ng	93
10) Phenol	6.486	94	327065	41.099	ng	95
11) bis(2-Chloroethyl)ether	6.575	93	247532m	43.497	ng	
12) 1,3-Dichlorobenzene	6.775	146	253363	41.373	ng	99
13) 1,4-Dichlorobenzene	6.851	146	256206	41.513	ng	98
14) 1,2-Dichlorobenzene	7.004	146	244648	42.187	ng	98
15) Benzyl Alcohol	6.986	79	247157	42.176	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	315285	43.414	ng	96
17) 2-Methylphenol	7.098	107	206108	42.071	ng	99
18) Hexachloroethane	7.345	117	104869	42.080	ng	99
19) n-Nitroso-di-n-propyla...	7.257	70	199949	42.366	ng	99
20) 3+4-Methylphenols	7.251	107	264801	41.426	ng	97
22) Acetophenone	7.251	105	375375	39.355	ng	99
24) Nitrobenzene	7.428	77	307641	37.671	ng	99
25) Isophorone	7.669	82	540816	40.640	ng	99
26) 2-Nitrophenol	7.745	139	125405	39.496	ng	98
27) 2,4-Dimethylphenol	7.780	122	203454	44.921	ng	95
28) bis(2-Chloroethoxy)met...	7.880	93	306025	42.865	ng	100
29) 2,4-Dichlorophenol	7.986	162	206694	37.879	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	245021	37.873	ng	99
31) Naphthalene	8.151	128	661839	37.145	ng	99
32) Benzoic acid	7.922	122	138790	41.926	ng	95
33) 4-Chloroaniline	8.204	127	169410	24.780	ng	97
34) Hexachlorobutadiene	8.263	225	163768	36.999	ng	98
35) Caprolactam	8.586	113	63527m	39.321	ng	
36) 4-Chloro-3-methylphenol	8.692	107	242523	39.326	ng	99
37) 2-Methylnaphthalene	8.845	142	458531	38.345	ng	99
38) 1-Methylnaphthalene	8.945	142	427040	36.765	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	261081	37.822	ng	99
41) Hexachlorocyclopentadiene	8.992	237	266930	85.931	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	158442	35.837	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	176759	36.985	ng	96
46) 1,1'-Biphenyl	9.310	154	572221	38.018	ng	100
47) 2-Chloronaphthalene	9.339	162	456425	36.654	ng	98
48) 2-Nitroaniline	9.439	65	166464	36.471	ng	98
49) Acenaphthylene	9.751	152	679999	36.674	ng	100
50) Dimethylphthalate	9.616	163	552031	37.116	ng	100
51) 2,6-Dinitrotoluene	9.680	165	122940	38.184	ng	97
52) Acenaphthene	9.927	154	412763	36.885	ng	100
53) 3-Nitroaniline	9.851	138	84467	25.747	ng	98
54) 2,4-Dinitrophenol	9.963	184	148171	79.970	ng	99
55) Dibenzofuran	10.098	168	630931	36.595	ng	99
56) 4-Nitrophenol	10.027	139	182097	79.237	ng	98
57) 2,4-Dinitrotoluene	10.086	165	170266	38.669	ng	93
58) Fluorene	10.445	166	510231	36.251	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	142014m	36.211	ng	
60) Diethylphthalate	10.322	149	542940	37.928	ng	100
61) 4-Chlorophenyl-phenyle...	10.433	204	276763	37.825	ng	98
62) 4-Nitroaniline	10.474	138	122571	35.850	ng	96
63) Azobenzene	10.598	77	587812	37.000	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	100112	37.929	ng	87
66) n-Nitrosodiphenylamine	10.557	169	444943	37.626	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	168601	37.524	ng	98
68) Hexachlorobenzene	10.986	284	187482	37.985	ng	97
69) Atrazine	11.086	200	175008	44.953	ng	98
70) Pentachlorophenol	11.192	266	200403	82.054	ng	97
71) Phenanthrene	11.410	178	776476	36.423	ng	100
72) Anthracene	11.463	178	780031	37.403	ng	99
73) Carbazole	11.621	167	704695	38.276	ng	99
74) Di-n-butylphthalate	11.945	149	847248	38.073	ng	100
75) Fluoranthene	12.604	202	917431	36.946	ng	99
77) Benzidine	12.727	184	225203	45.351	ng	100
78) Pyrene	12.833	202	936558	36.979	ng	99
80) Butylbenzylphthalate	13.451	149	360600	38.386	ng	95
81) Benzo(a)anthracene	14.027	228	808078	36.936	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	226355	35.796	ng	97
83) Chrysene	14.068	228	753311	36.642	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	463050	40.483	ng	# 99
85) Di-n-octyl phthalate	14.627	149	646440	41.983	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	472265	40.163	ng	99
88) Benzo(b)fluoranthene	15.086	252	592046	43.625	ng	100
89) Benzo(k)fluoranthene	15.115	252	597636	45.577	ng	99
90) Benzo(a)pyrene	15.456	252	467828	44.525	ng	# 96
91) Dibenzo(a,h)anthracene	17.033	278	409718	42.538	ng	100
92) Benzo(g,h,i)perylene	17.474	276	410173	37.316	ng	98

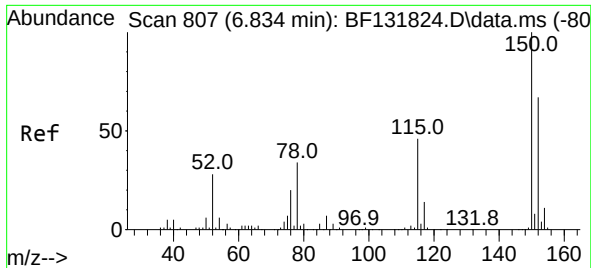
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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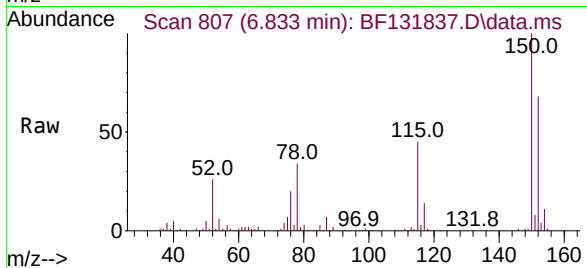
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.833 min Scan# 80
 Delta R.T. -0.001 min
 Lab File: BF131837.D
 Acq: 27 Dec 2022 15:16

Instrument :

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PB149909BS

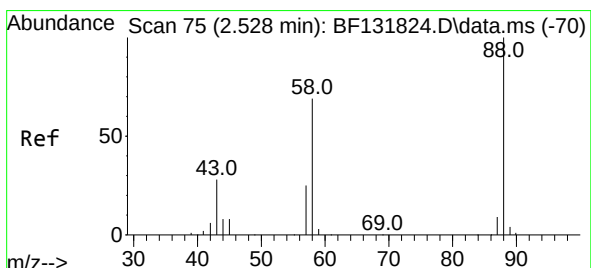
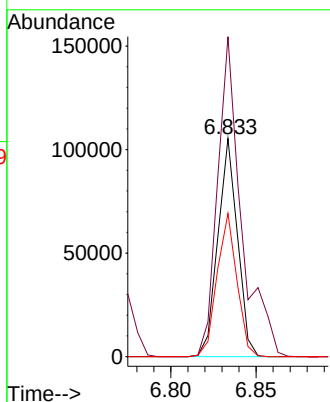
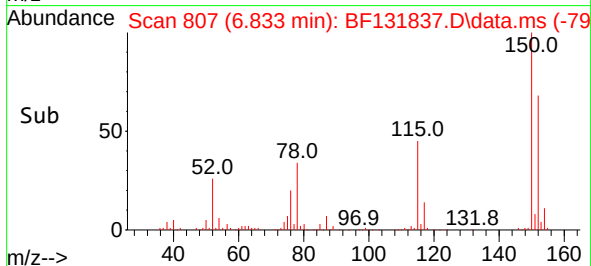


Tgt Ion:152 Resp: 84293
 Ion Ratio Lower Upper
 152 100
 150 146.6 120.0 180.0
 115 65.6 55.1 82.7

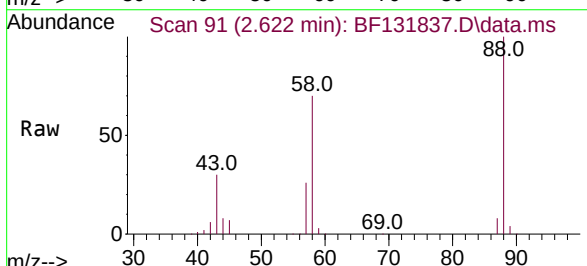
Manual Integrations

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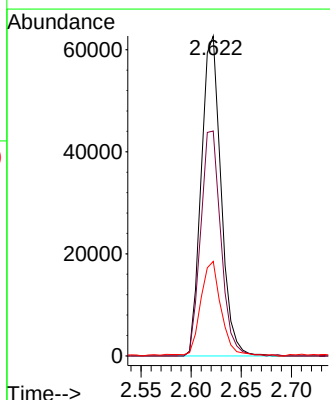
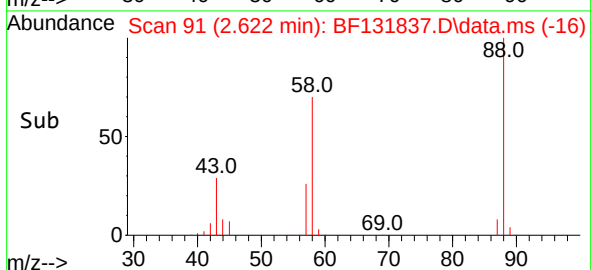
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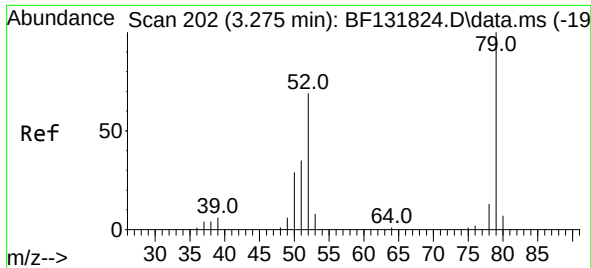


#2
 1,4-Dioxane
 Concen: 36.356 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.094 min
 Lab File: BF131837.D
 Acq: 27 Dec 2022 15:16



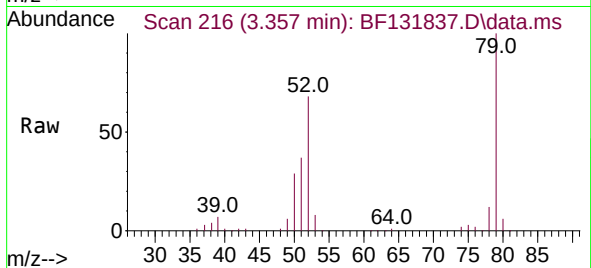
Tgt Ion: 88 Resp: 85754
 Ion Ratio Lower Upper
 88 100
 58 71.7 58.2 87.2
 43 31.1 24.2 36.4





#3
Pyridine
Concen: 32.388 ng
RT: 3.357 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

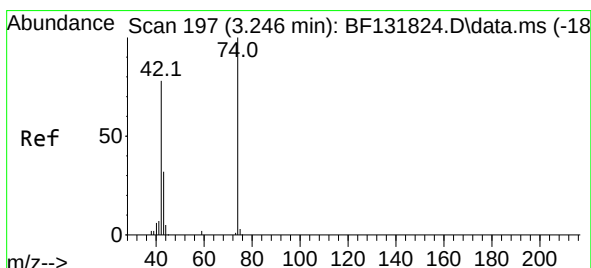
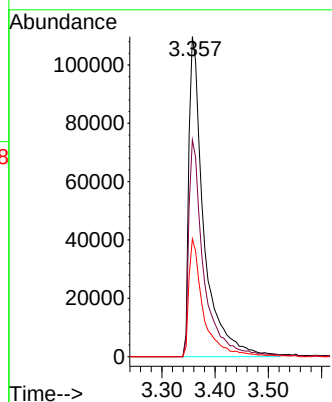
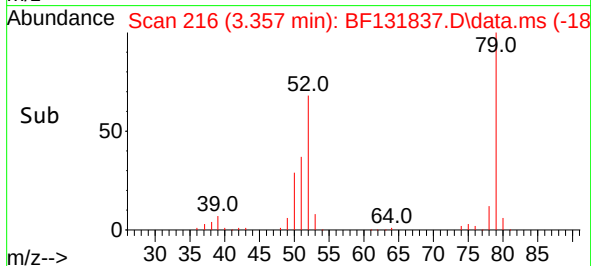
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BNA_F
ClientSampleId :
PB149909BS



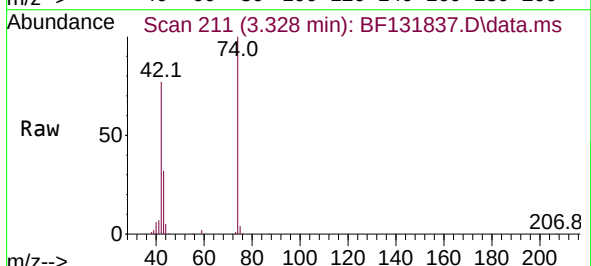
Tgt Ion: 79 Resp: 214765
Ion Ratio Lower Upper
79 100
52 67.7 55.4 83.2
51 36.8 27.8 41.8

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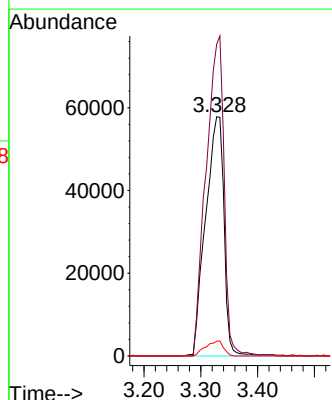
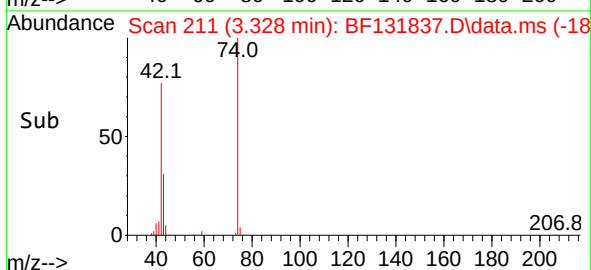
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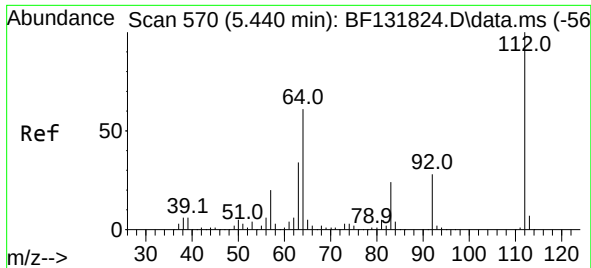


#4
n-Nitrosodimethylamine
Concen: 41.582 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16



Tgt Ion: 42 Resp: 129646
Ion Ratio Lower Upper
42 100
74 130.4 102.0 153.0
44 6.1 4.6 7.0





#5
2-Fluorophenol
Concen: 130.184 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

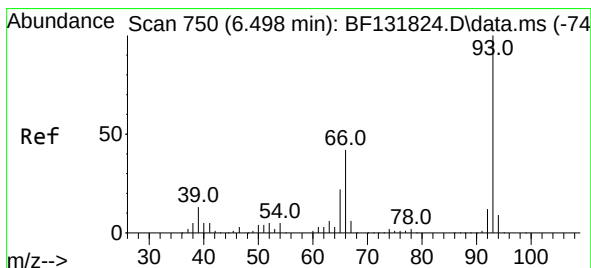
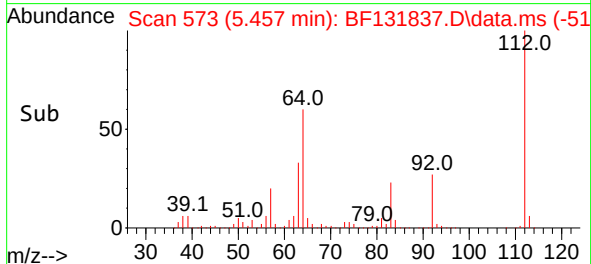
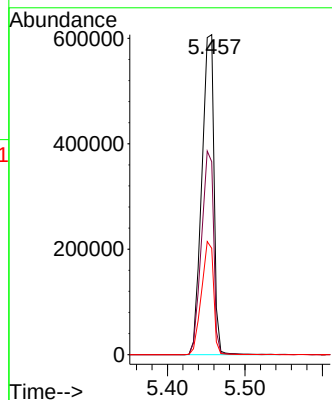
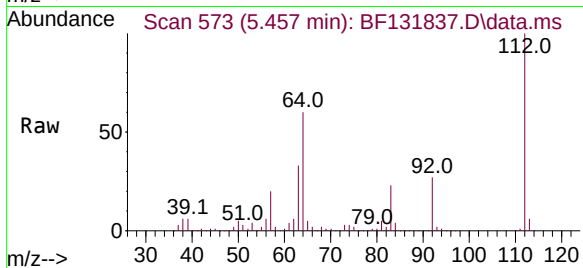
PB149909BS

Tgt Ion:112 Resp: 66217
Ion Ratio Lower Upper
112 100
64 60.3 49.2 73.8
63 33.2 27.5 41.3

Manual Integrations

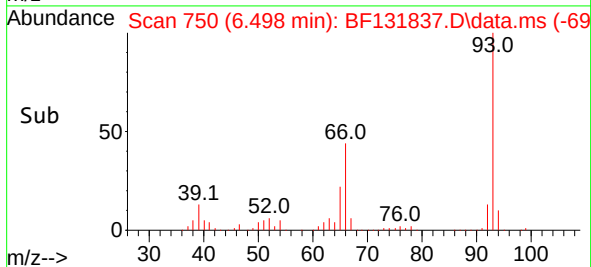
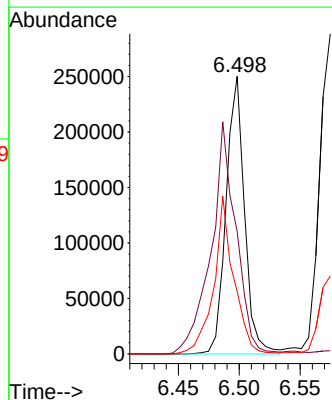
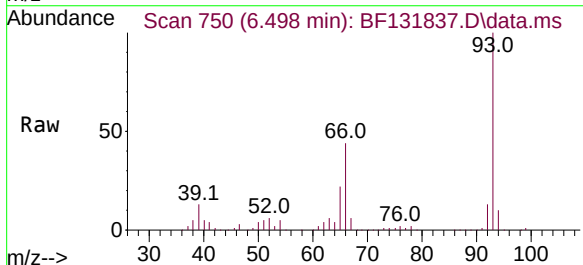
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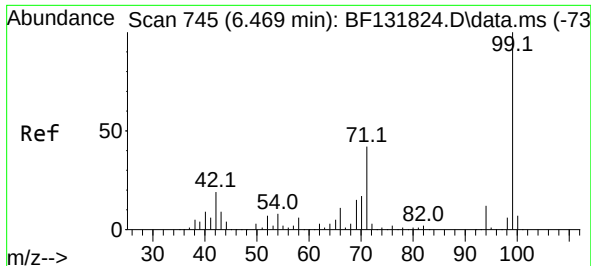
Reviewed By :Christian Giraldo 12/28/2022
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#6
Aniline
Concen: 32.455 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

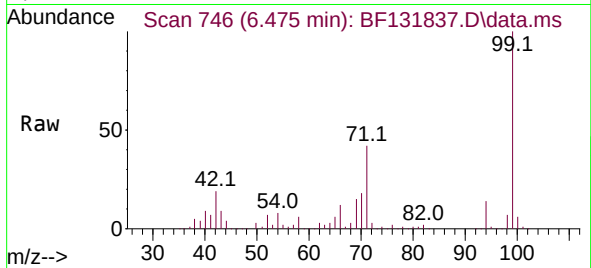
Tgt Ion: 93 Resp: 263032
Ion Ratio Lower Upper
93 100
66 44.2 33.9 50.9
65 22.5 17.4 26.0





#7
Phenol-d6
Concen: 126.823 ng
RT: 6.475 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

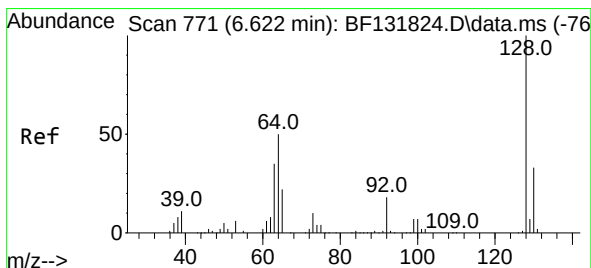
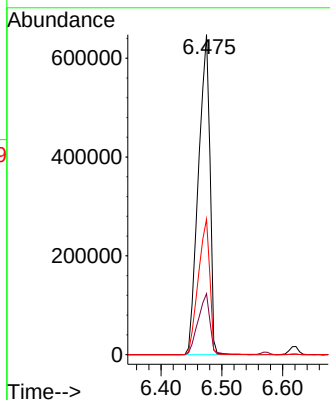
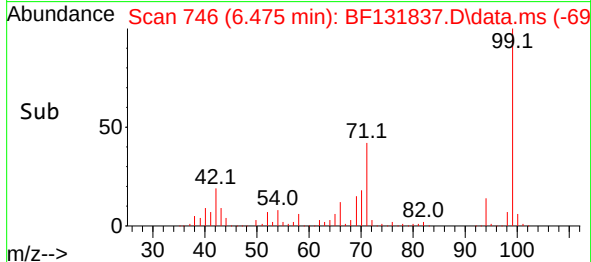
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Tgt Ion: 99 Resp: 847510
Ion Ratio Lower Upper
99 100
42 19.0 15.3 22.9
71 42.3 33.5 50.3

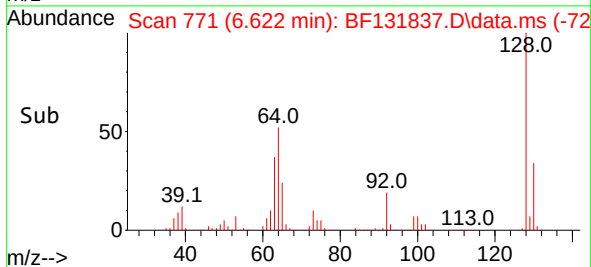
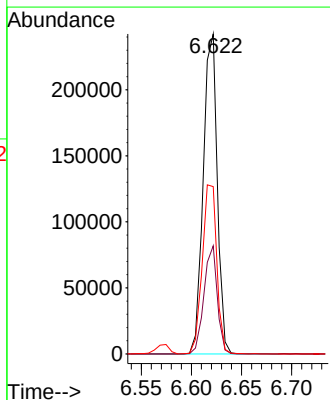
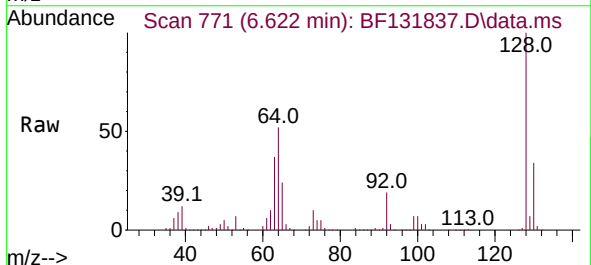
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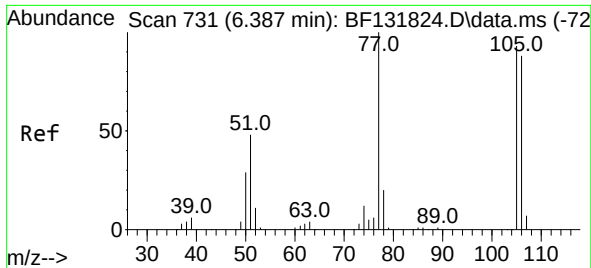
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#8
2-Chlorophenol
Concen: 43.836 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion:128 Resp: 234911
Ion Ratio Lower Upper
128 100
130 33.8 12.6 52.6
64 52.3 30.7 70.7





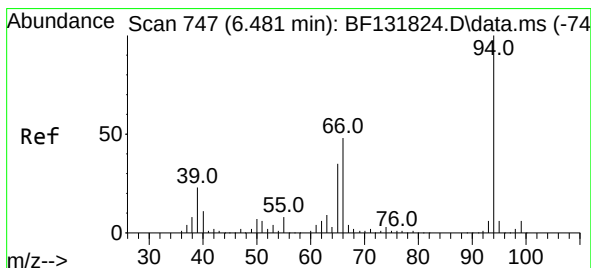
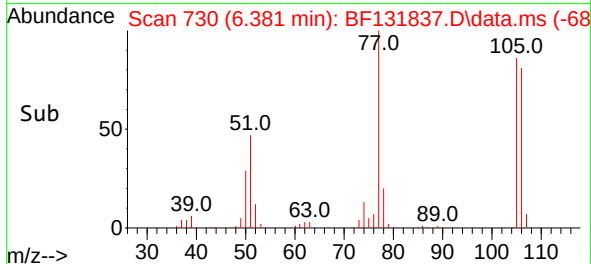
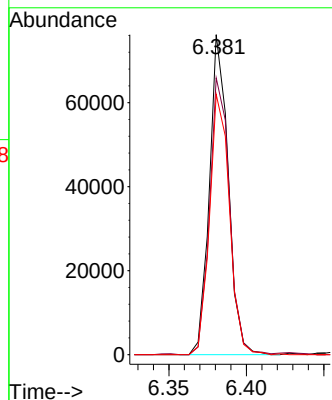
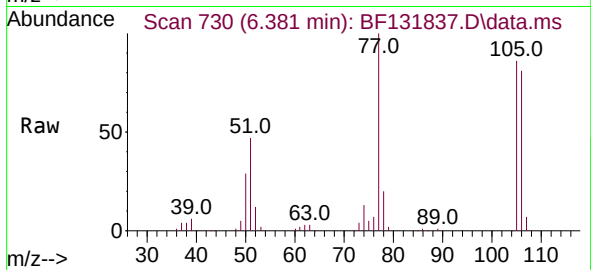
#9
Benzaldehyde
Concen: 15.098 ng
RT: 6.381 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :
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PB149909BS

Tgt Ion: 77 Resp: 64740
Ion Ratio Lower Upper
77 100
105 86.5 72.9 112.9
106 81.3 68.5 108.5

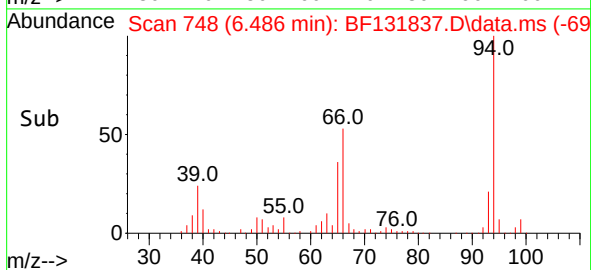
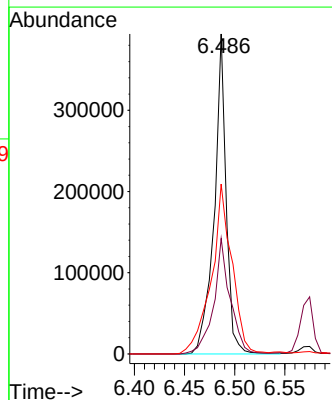
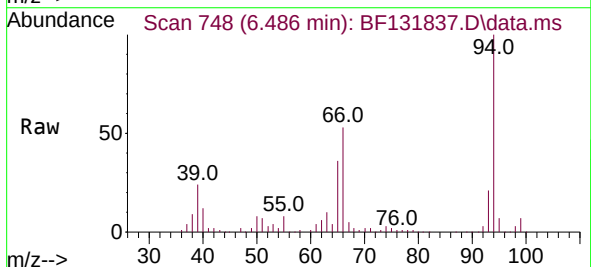
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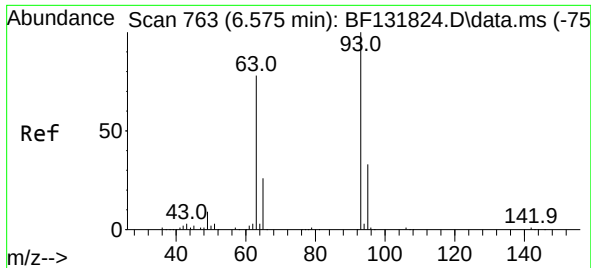
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#10
Phenol
Concen: 41.099 ng
RT: 6.486 min Scan# 748
Delta R.T. 0.006 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion: 94 Resp: 327065
Ion Ratio Lower Upper
94 100
65 36.1 14.6 54.6
66 53.1 28.2 68.2





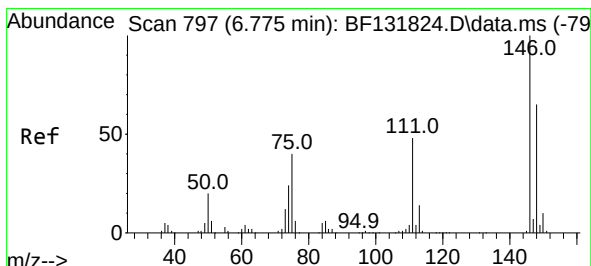
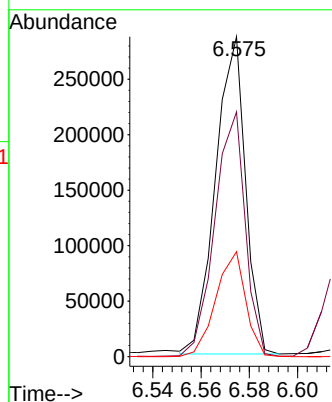
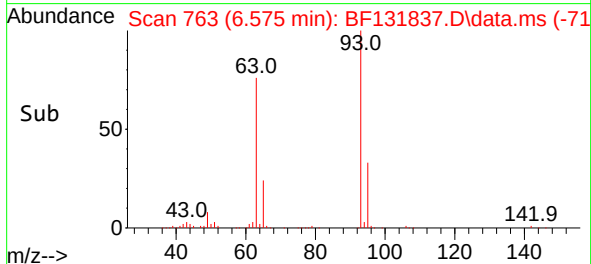
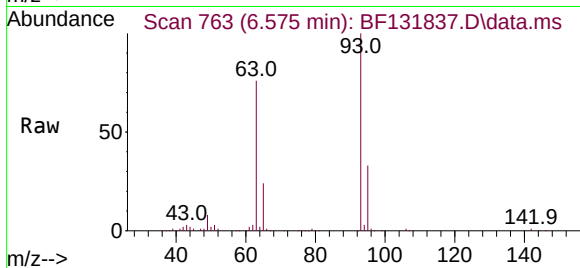
#11
bis(2-Chloroethyl)ether
Concen: 43.497 ng m
RT: 6.575 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :
BNA_F
ClientSampleId :
PB149909BS

Tgt Ion: 93 Resp: 247532
Ion Ratio Lower Upper
93 100
63 76.5 57.6 97.6
95 32.8 12.7 52.7

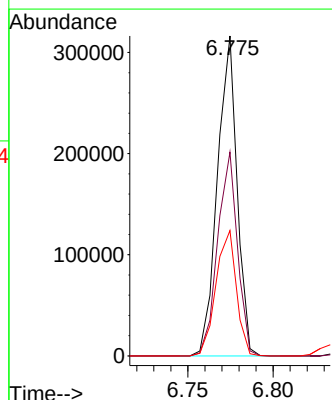
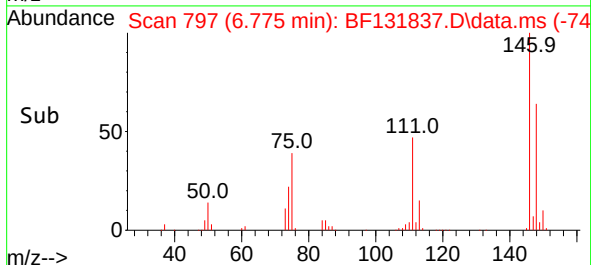
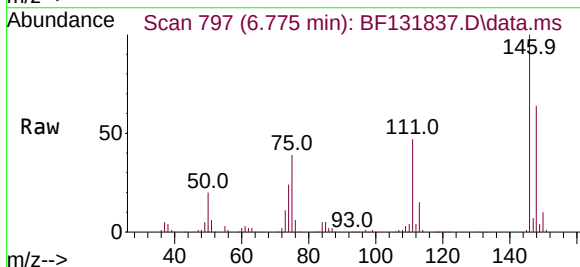
Manual Integrations
APPROVED

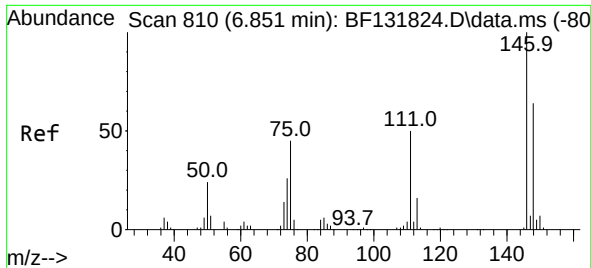
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#12
1,3-Dichlorobenzene
Concen: 41.373 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion:146 Resp: 253363
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
75 39.2 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 41.513 ng

RT: 6.851 min Scan# 810

Delta R.T. -0.000 min

Lab File: BF131837.D

Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB149909BS

Tgt Ion:146 Resp: 256206

Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

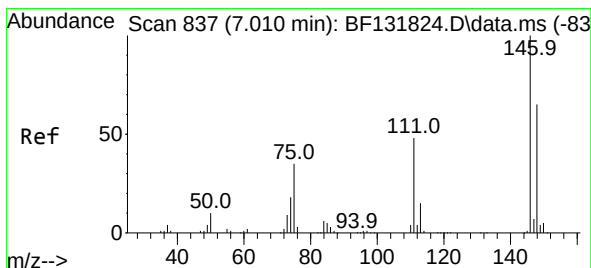
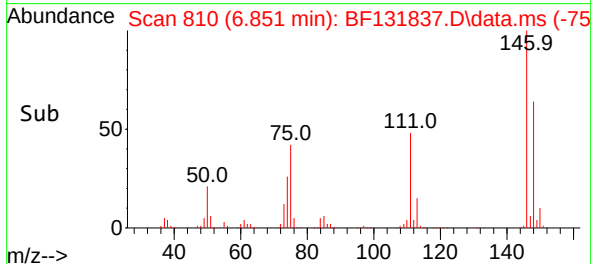
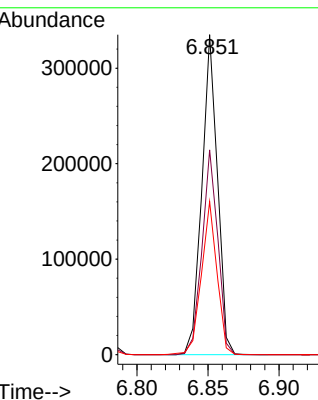
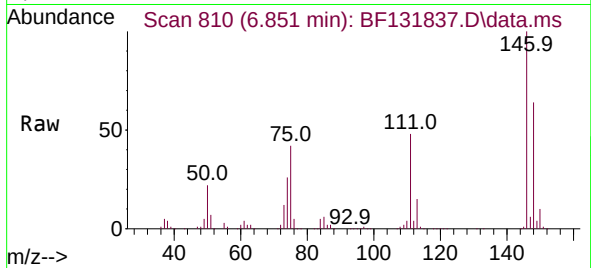
111 47.8 40.1 60.1

Manual Integrations

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Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Jagrut Upadhyay 12/28/2022



#14

1,2-Dichlorobenzene

Concen: 42.187 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF131837.D

Acq: 27 Dec 2022 15:16

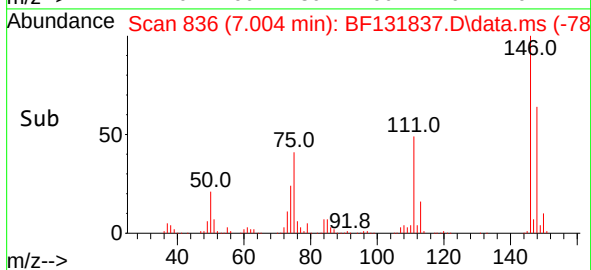
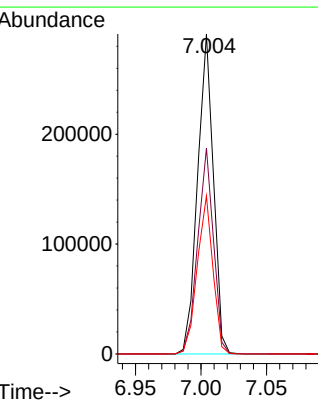
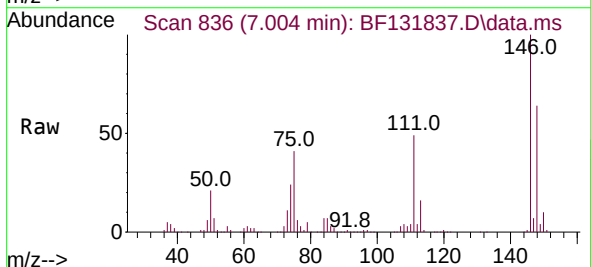
Tgt Ion:146 Resp: 244648

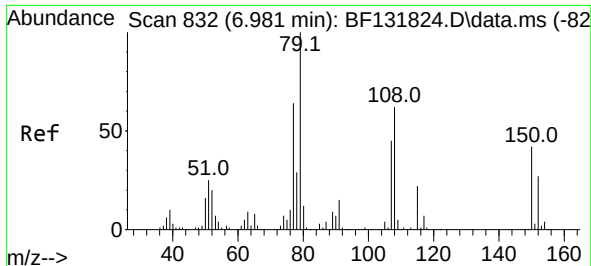
Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.4

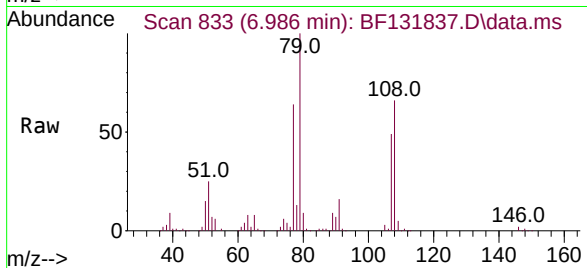
111 49.4 38.2 57.4





#15
Benzyl Alcohol
Concen: 42.176 ng
RT: 6.986 min Scan# 832
Delta R.T. 0.006 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

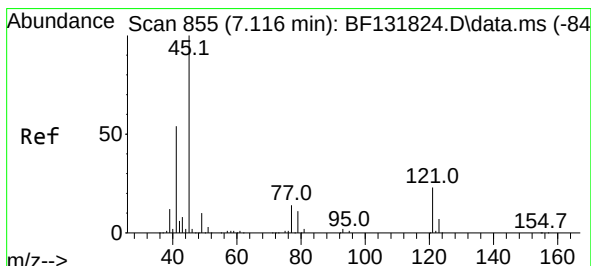
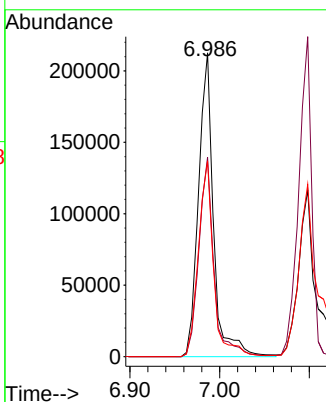
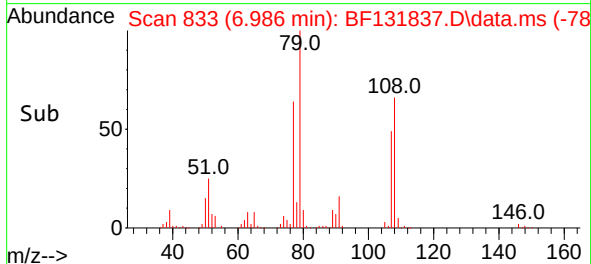
Instrument :
BNA_F
ClientSampleId :
PB149909BS



Tgt Ion: 79 Resp: 247152
Ion Ratio Lower Upper
79 100
108 65.6 49.8 74.8
77 64.5 51.4 77.0

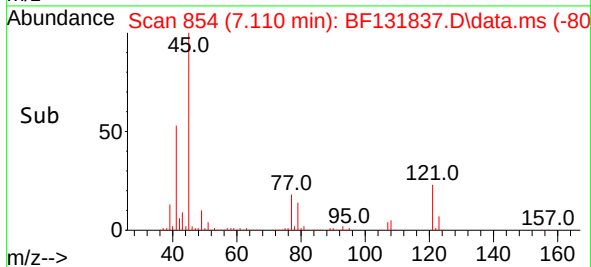
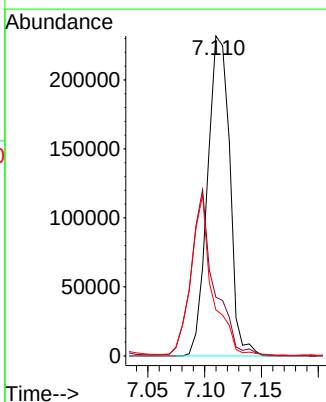
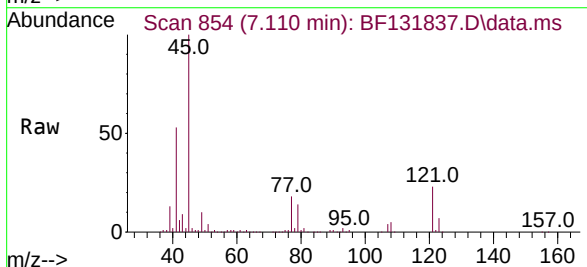
Manual Integrations
APPROVED

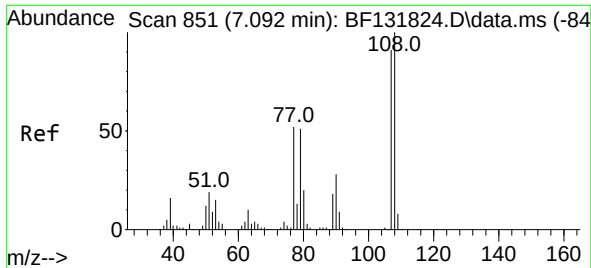
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.414 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion: 45 Resp: 315285
Ion Ratio Lower Upper
45 100
77 18.4 0.0 36.1
79 14.4 0.0 33.3





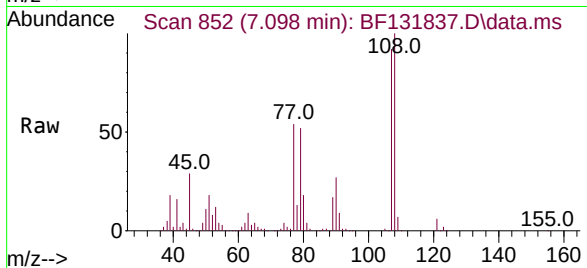
#17
2-Methylphenol
Concen: 42.071 ng
RT: 7.098 min Scan# 851
Delta R.T. 0.006 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB149909BS

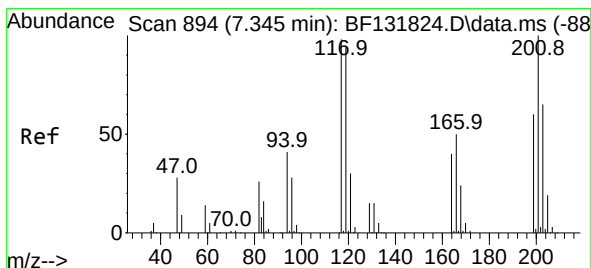
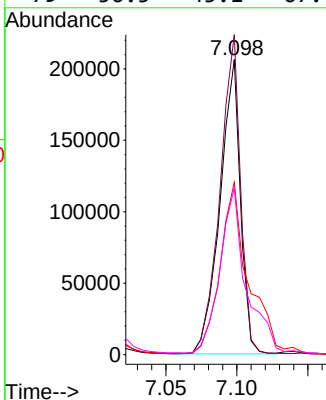
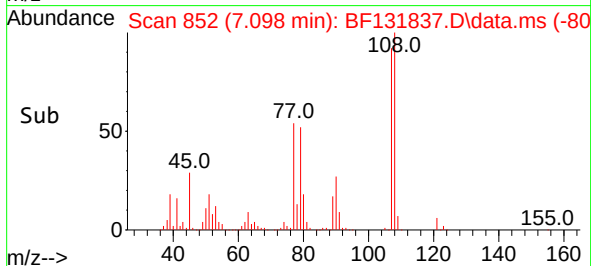


Tgt Ion:107 Resp: 206108
Ion Ratio Lower Upper
107 100
108 108.4 87.6 131.4
77 58.4 45.8 68.8
79 56.5 45.1 67.7

Manual Integrations

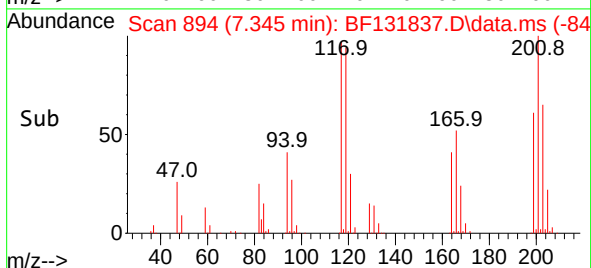
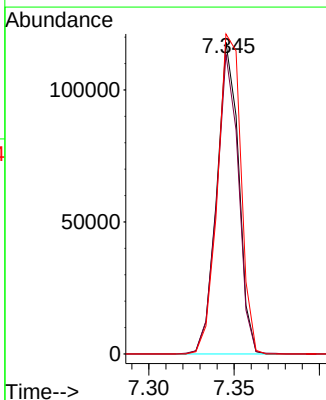
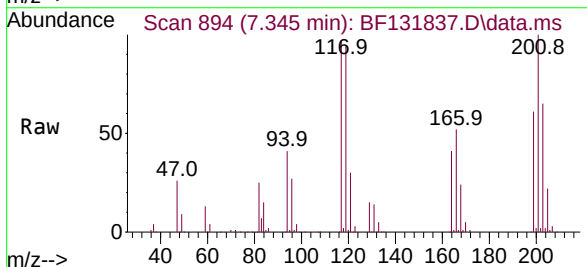
APPROVED

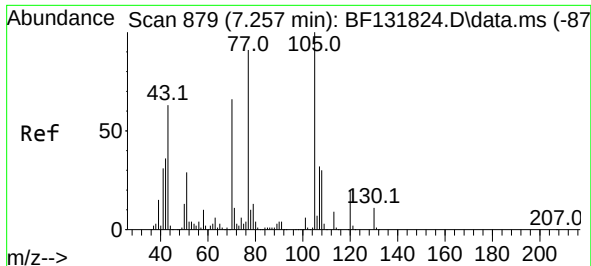
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#18
Hexachloroethane
Concen: 42.080 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion:117 Resp: 104869
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7
201 102.7 81.7 122.5





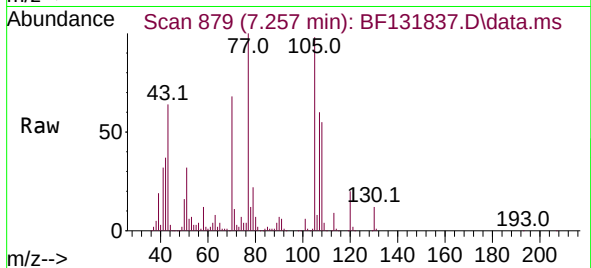
#19
n-Nitroso-di-n-propylamine
Concen: 42.366 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB149909BS

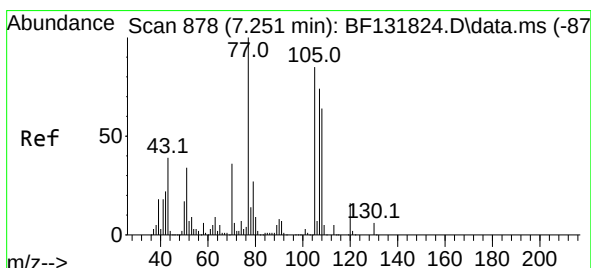
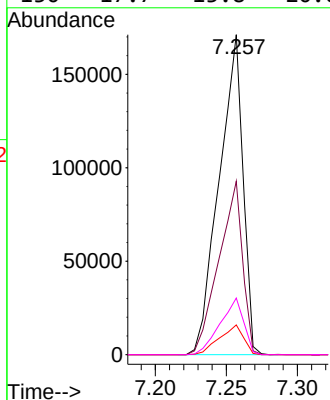
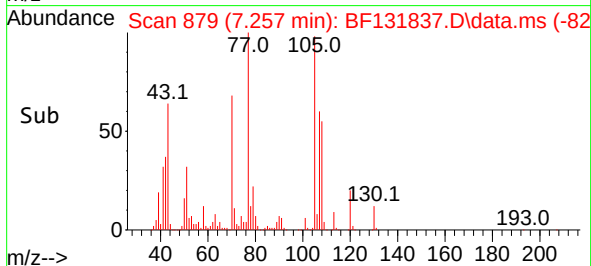


Tgt Ion: 70 Resp: 199949
Ion Ratio Lower Upper
70 100
42 54.2 43.8 65.6
101 9.3 7.4 11.0
130 17.7 13.8 20.6

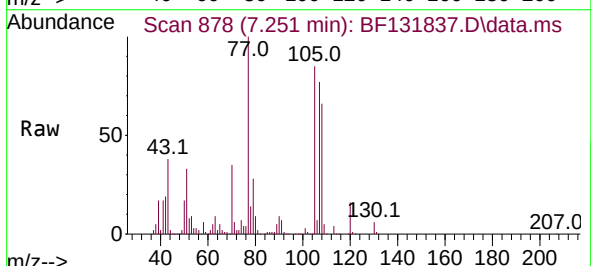
Manual Integrations

APPROVED

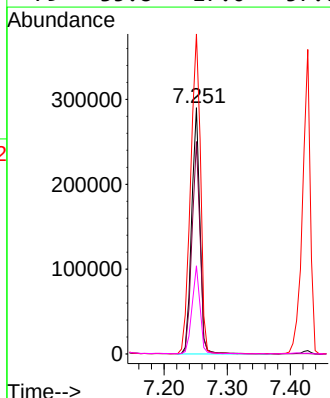
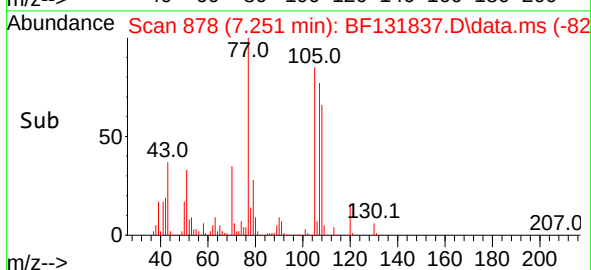
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

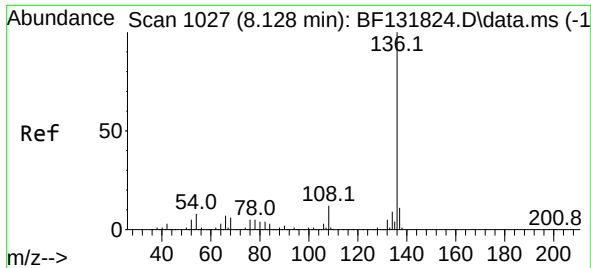


#20
3+4-Methylphenols
Concen: 41.426 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16



Tgt Ion:107 Resp: 264801
Ion Ratio Lower Upper
107 100
108 86.3 67.1 107.1
77 130.0 114.9 154.9
79 35.8 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: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

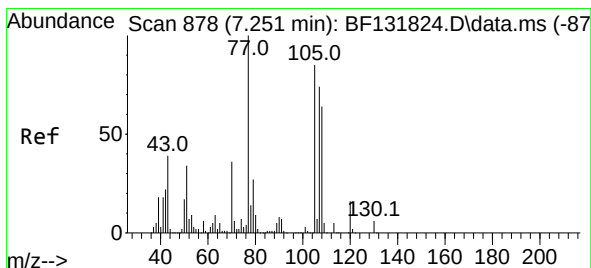
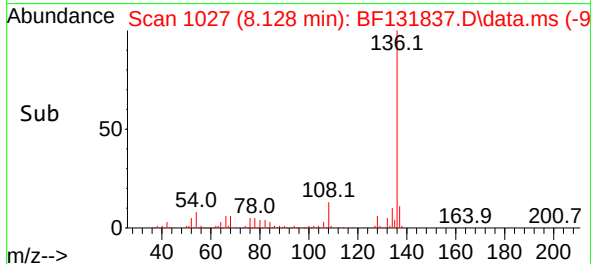
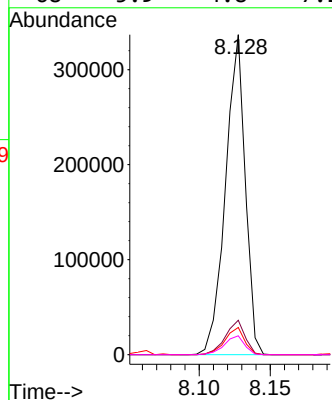
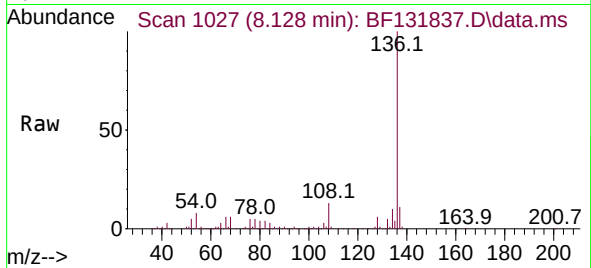
PB149909BS

Tgt Ion:136 Resp: 325343
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.5 6.7 10.1
68 5.9 4.8 7.2

Manual Integrations

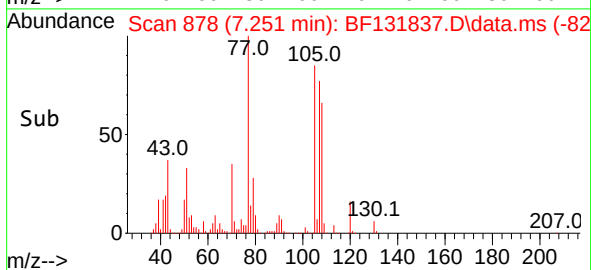
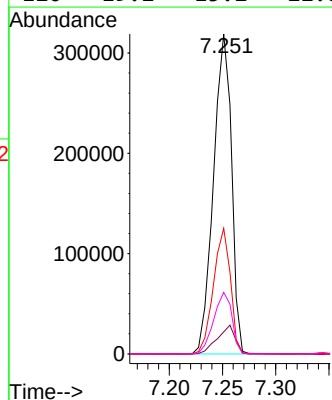
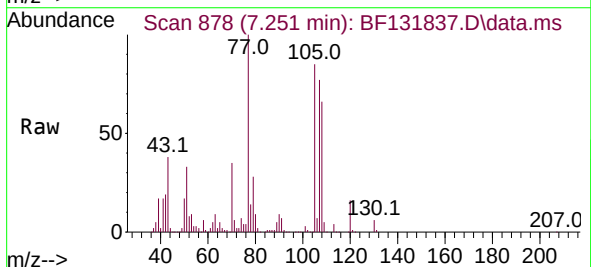
APPROVED

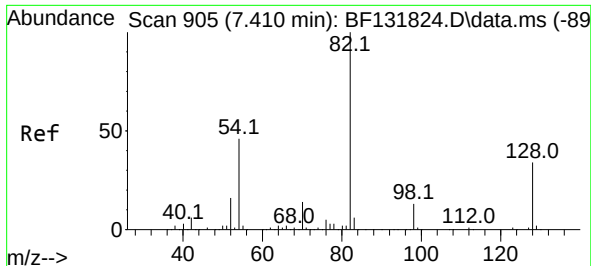
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#22
Acetophenone
Concen: 39.355 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion:105 Resp: 375375
Ion Ratio Lower Upper
105 100
71 6.9 5.4 8.0
51 39.2 31.9 47.9
120 19.2 15.2 22.8





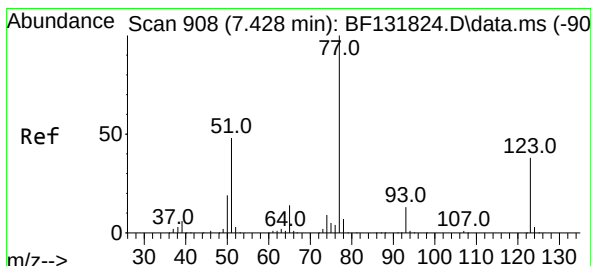
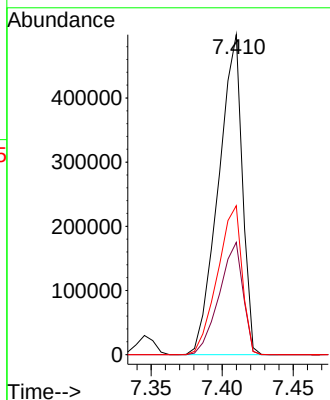
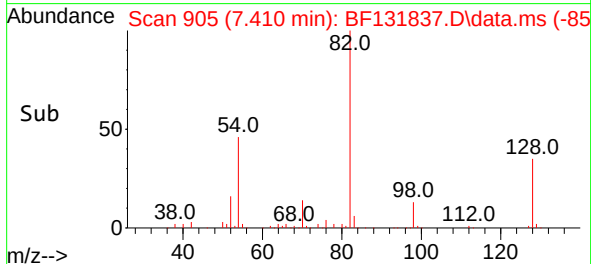
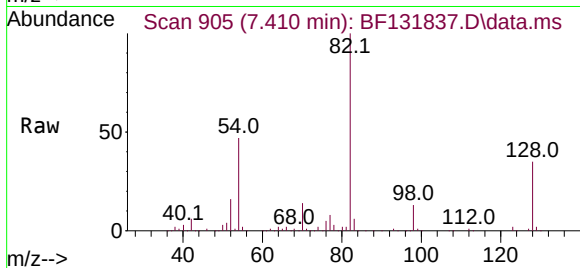
#23
Nitrobenzene-d5
Concen: 71.563 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :
BNA_F
ClientSampleId :
PB149909BS

Tgt Ion: 82 Resp: 583144
Ion Ratio Lower Upper
82 100
128 35.1 27.1 40.7
54 46.5 37.0 55.6

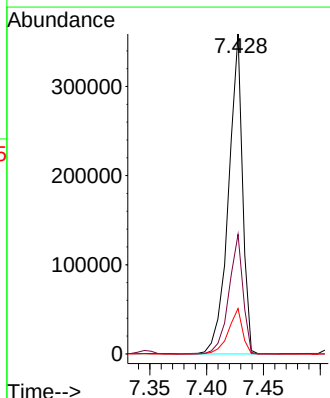
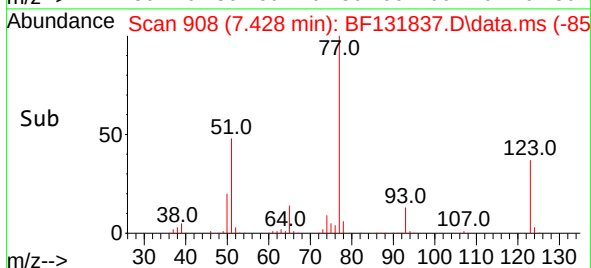
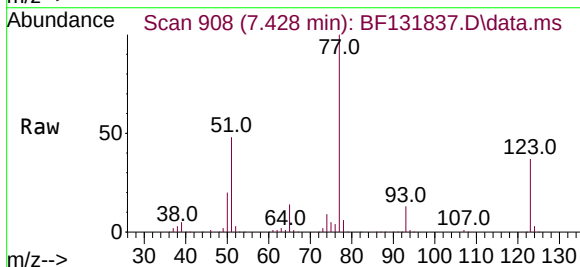
Manual Integrations
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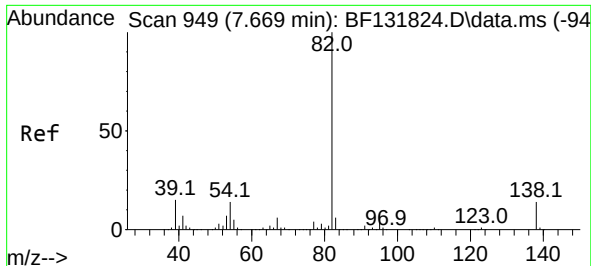
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#24
Nitrobenzene
Concen: 37.671 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion: 77 Resp: 307641
Ion Ratio Lower Upper
77 100
123 37.4 30.4 45.6
65 14.2 11.1 16.7





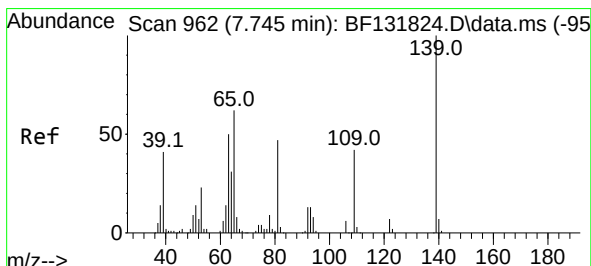
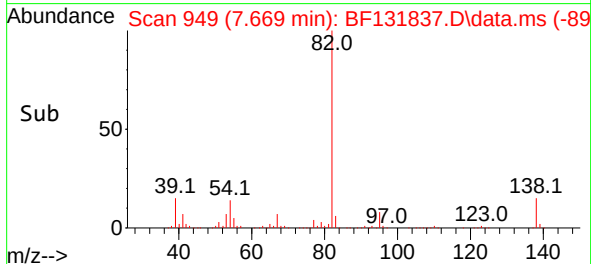
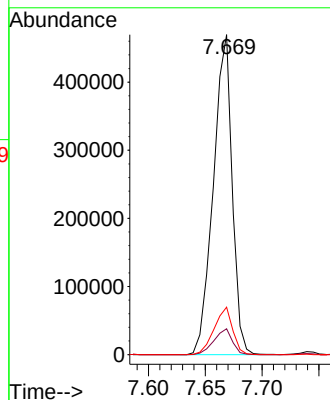
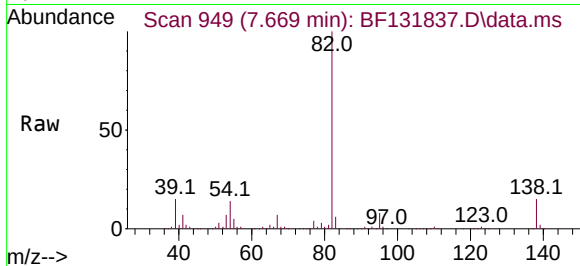
#25
Isophorone
Concen: 40.640 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :
BNA_F
ClientSampleId :
PB149909BS

Tgt Ion: 82 Resp: 540816
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.4
138 14.8 11.5 17.3

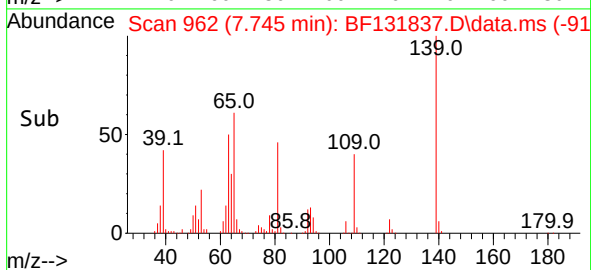
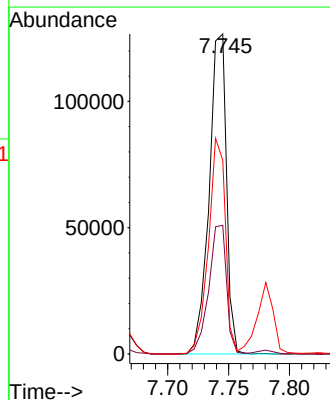
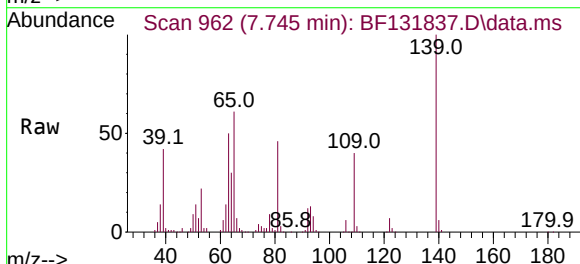
Manual Integrations
APPROVED

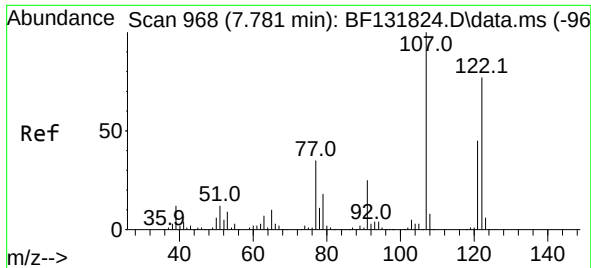
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#26
2-Nitrophenol
Concen: 39.496 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion:139 Resp: 125405
Ion Ratio Lower Upper
139 100
109 40.2 33.7 50.5
65 60.5 49.4 74.2





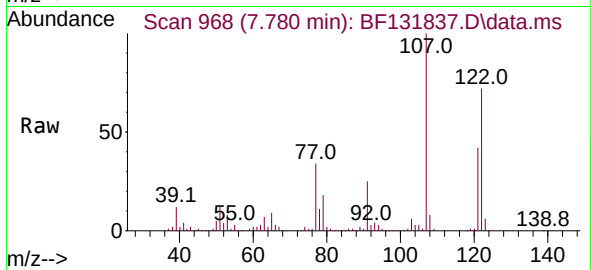
#27
2,4-Dimethylphenol
Concen: 44.921 ng
RT: 7.780 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB149909BS

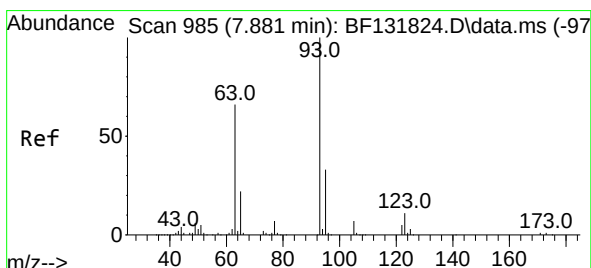
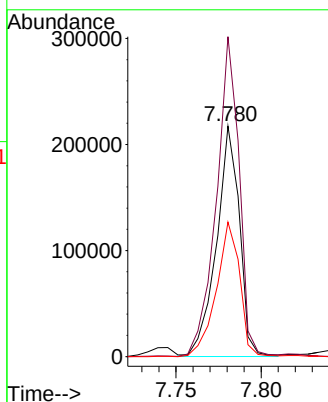
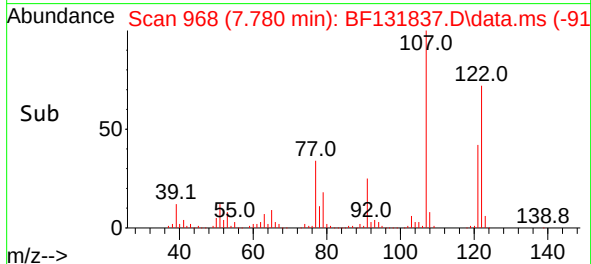


Tgt Ion:122 Resp: 203454
Ion Ratio Lower Upper
122 100
107 138.9 104.4 156.6
121 58.4 46.8 70.2

Manual Integrations

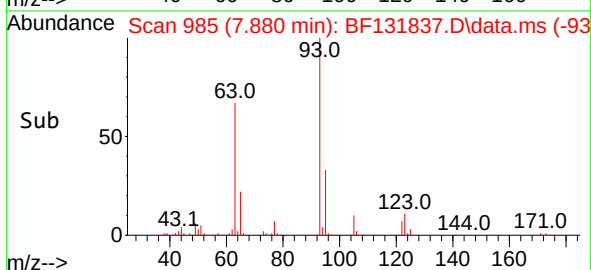
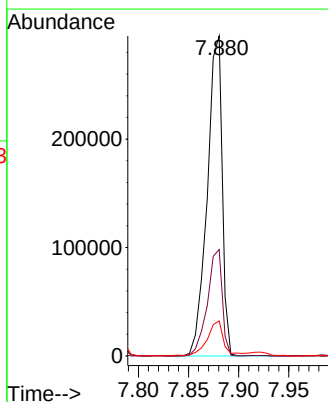
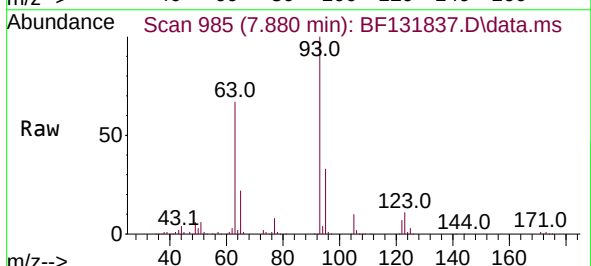
APPROVED

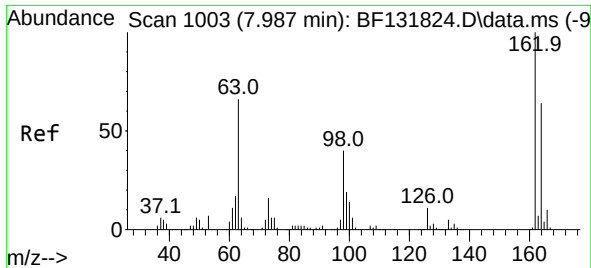
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#28
bis(2-Chloroethoxy)methane
Concen: 42.865 ng
RT: 7.880 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion: 93 Resp: 306025
Ion Ratio Lower Upper
93 100
95 33.2 26.3 39.5
123 10.9 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 37.879 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF131837.D

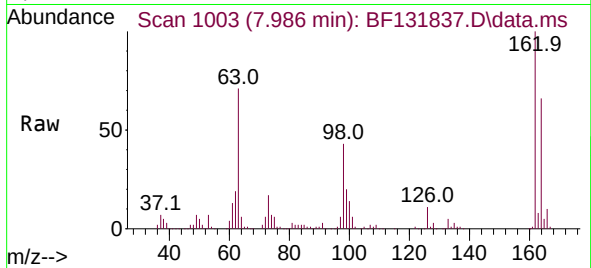
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB149909BS



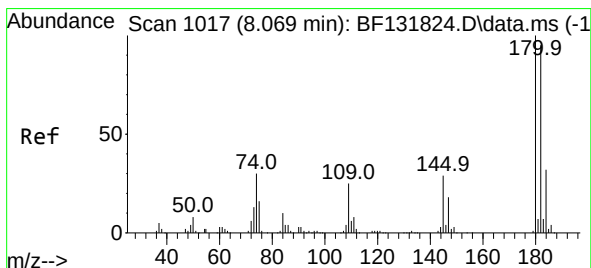
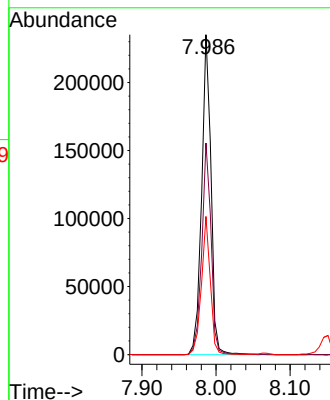
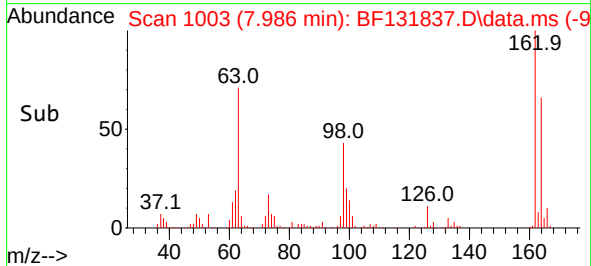
Tgt Ion:	162	Resp:	206694
Ion Ratio	Lower	Upper	
162	100		
164	66.1	44.1	84.1
98	43.2	19.9	59.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Jagrut Upadhyay 12/28/2022



#30

1,2,4-Trichlorobenzene

Concen: 37.873 ng

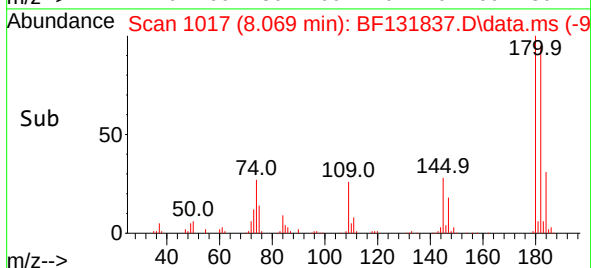
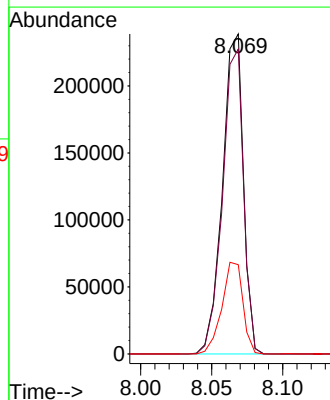
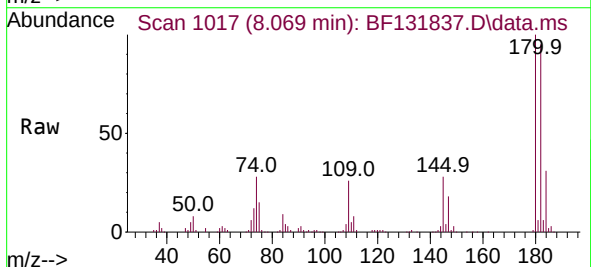
RT: 8.069 min Scan# 1017

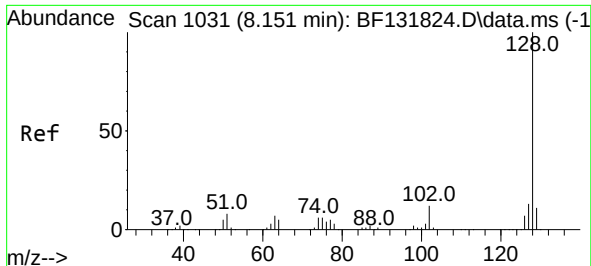
Delta R.T. -0.000 min

Lab File: BF131837.D

Acq: 27 Dec 2022 15:16

Tgt Ion:	180	Resp:	245021
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.2	114.4
145	27.9	23.3	34.9





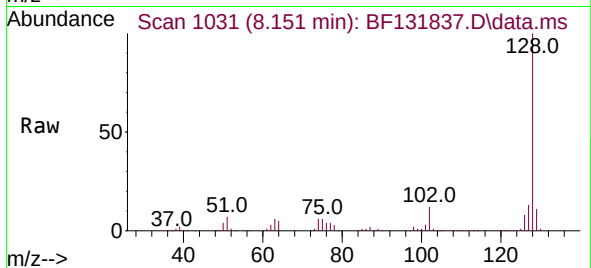
#31
Naphthalene
Concen: 37.145 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB149909BS

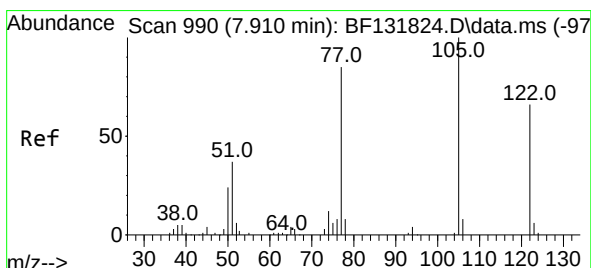
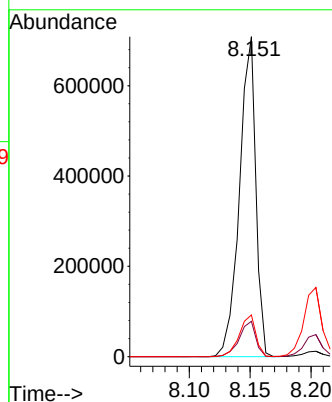
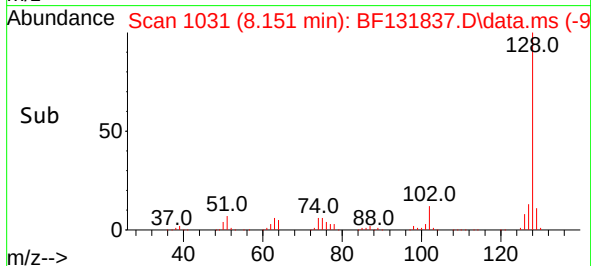


Tgt Ion:128 Resp: 661839
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.6 15.8

Manual Integrations

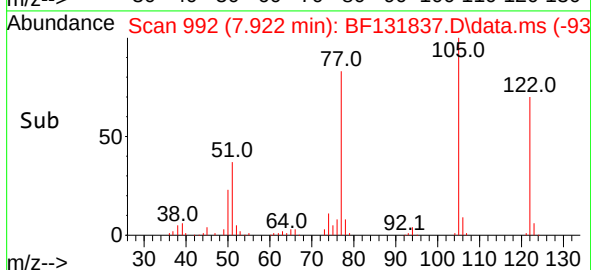
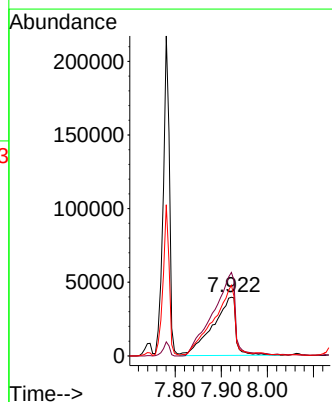
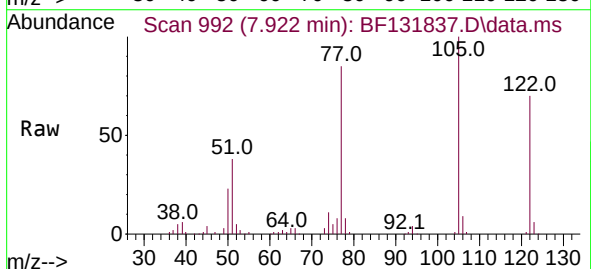
APPROVED

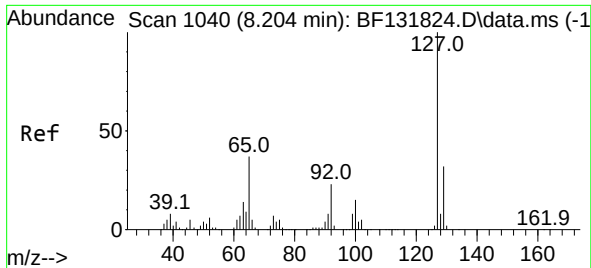
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#32
Benzoic acid
Concen: 41.926 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.012 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion:122 Resp: 138790
Ion Ratio Lower Upper
122 100
105 142.3 127.9 167.9
77 120.6 106.9 146.9





#33
4-Chloroaniline
Concen: 24.780 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

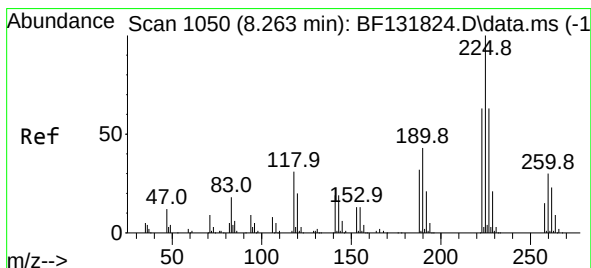
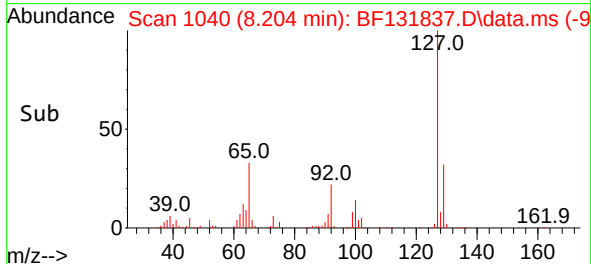
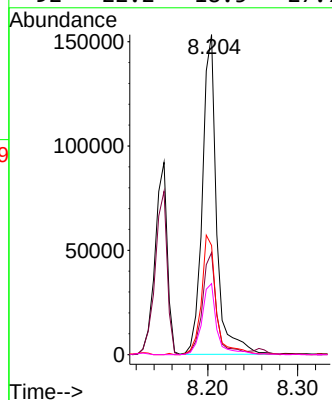
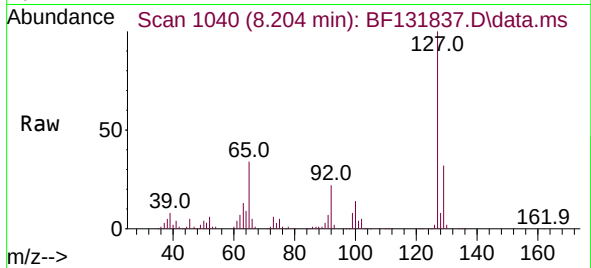
PB149909BS

Tgt Ion:127 Resp: 169410
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.8
65 34.1 29.7 44.5
92 22.2 18.5 27.7

Manual Integrations

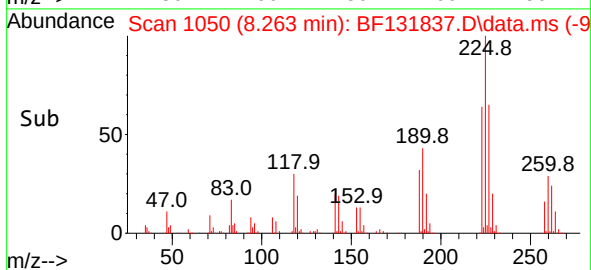
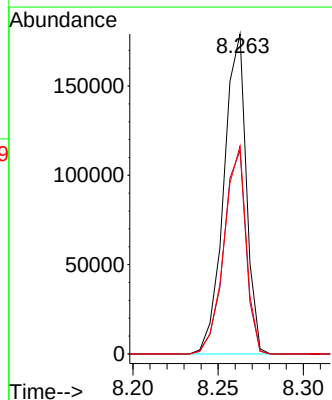
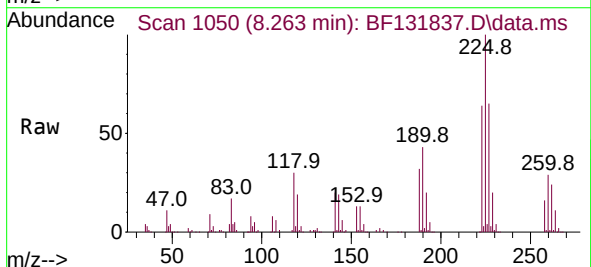
APPROVED

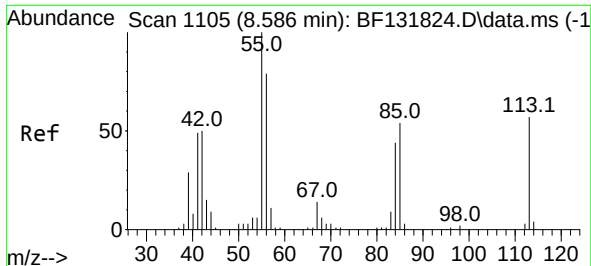
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#34
Hexachlorobutadiene
Concen: 36.999 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

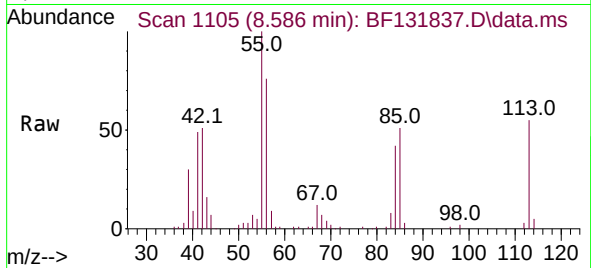
Tgt Ion:225 Resp: 163768
Ion Ratio Lower Upper
225 100
223 63.6 50.0 75.0
227 65.0 50.8 76.2





#35
Caprolactam
Concen: 39.321 ng m
RT: 8.586 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

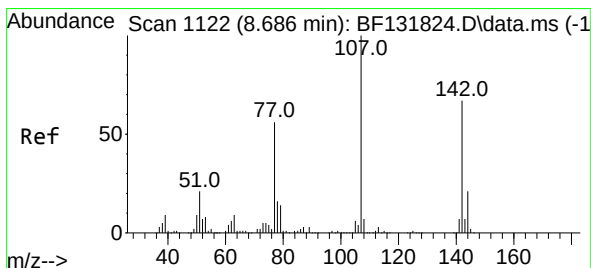
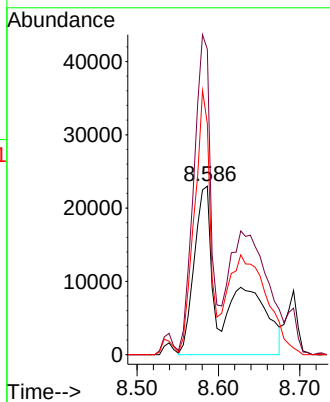
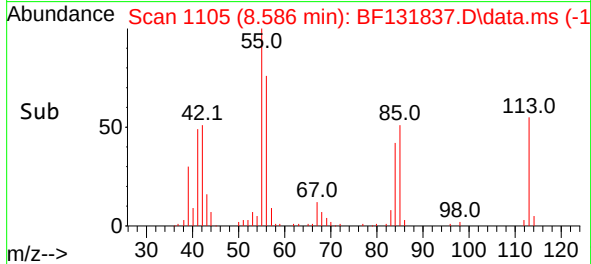
Instrument :
BNA_F
ClientSampleId :
PB149909BS



Tgt Ion:113 Resp: 63527
Ion Ratio Lower Upper
113 100
55 181.3 153.3 193.3
56 137.3 116.3 156.3

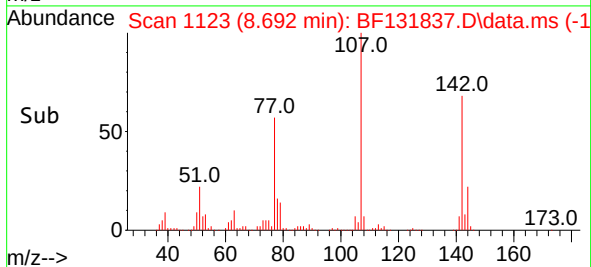
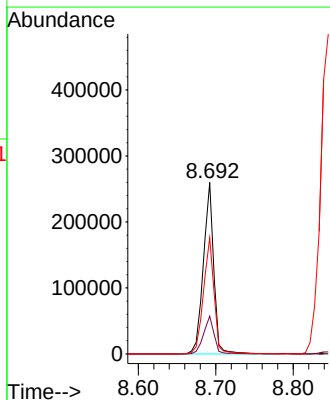
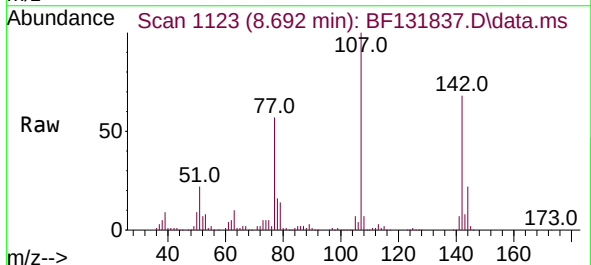
Manual Integrations
APPROVED

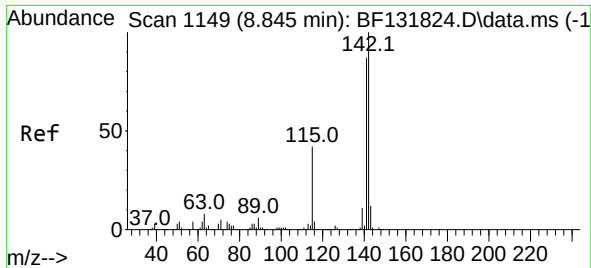
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#36
4-Chloro-3-methylphenol
Concen: 39.326 ng
RT: 8.692 min Scan# 1123
Delta R.T. 0.006 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion:107 Resp: 242523
Ion Ratio Lower Upper
107 100
144 22.0 16.8 25.2
142 67.7 53.8 80.8





#37
2-Methylnaphthalene
Concen: 38.345 ng
RT: 8.845 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

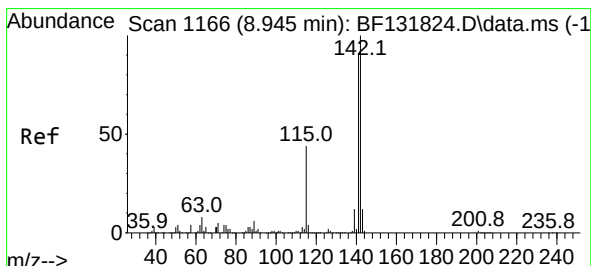
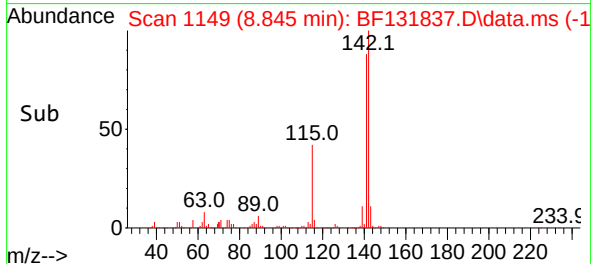
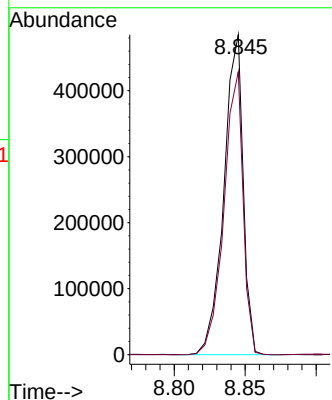
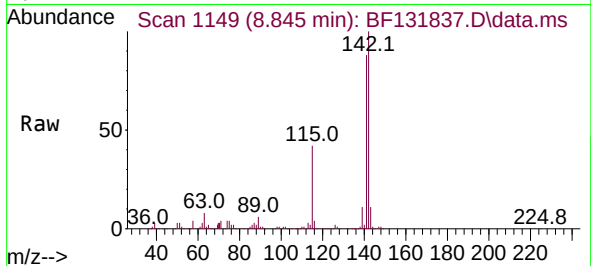
PB149909BS

Tgt Ion:142 Resp: 458531
Ion Ratio Lower Upper
142 100
141 88.4 69.8 104.8

Manual Integrations

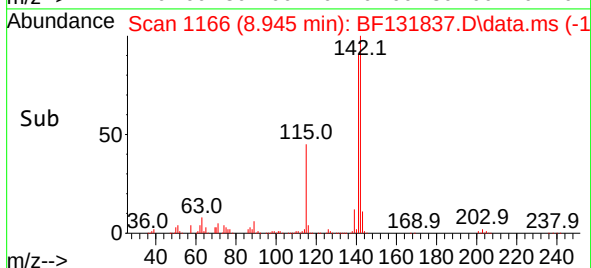
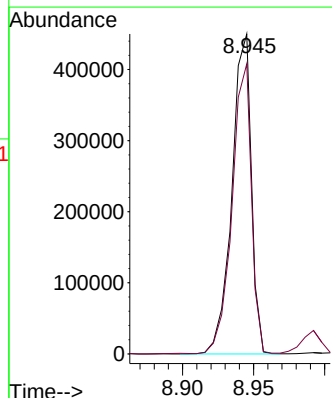
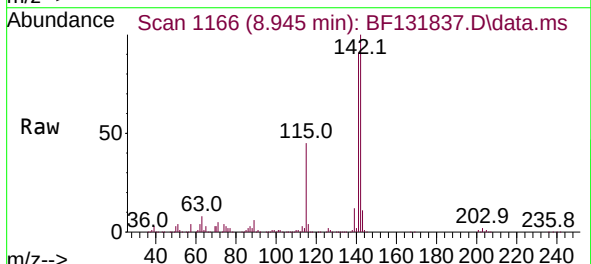
APPROVED

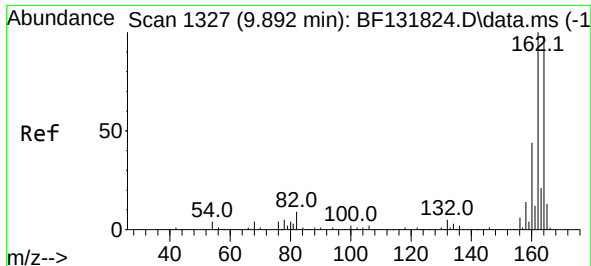
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#38
1-Methylnaphthalene
Concen: 36.765 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion:142 Resp: 427040
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.000 min

Lab File: BF131837.D

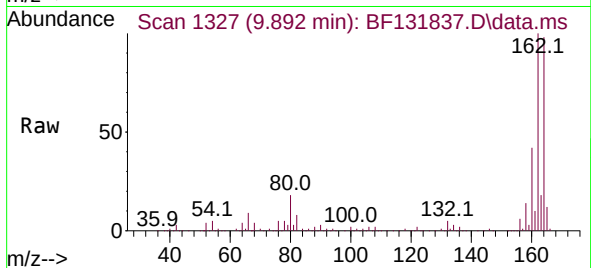
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB149909BS



Tgt Ion:164 Resp: 196596

Ion Ratio Lower Upper

164 100

162 101.6 81.8 122.6

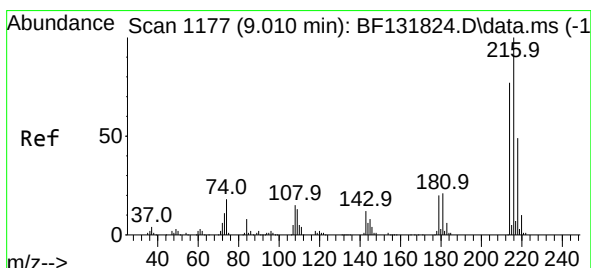
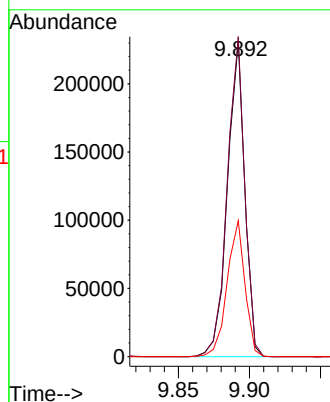
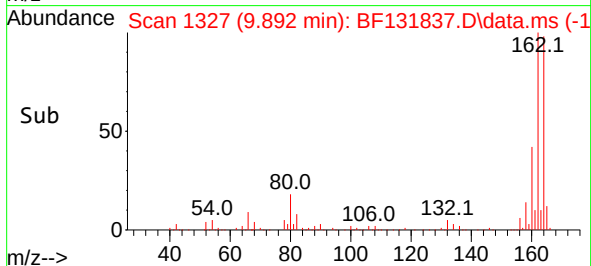
160 43.1 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Jagrut Upadhyay 12/28/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.822 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF131837.D

Acq: 27 Dec 2022 15:16

Tgt Ion:216 Resp: 261081

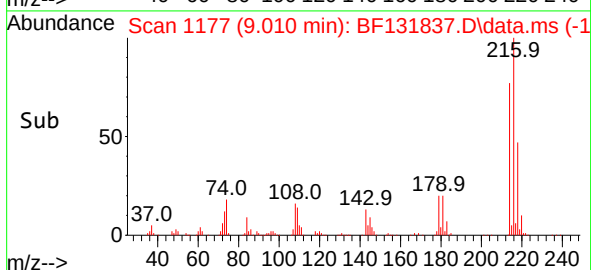
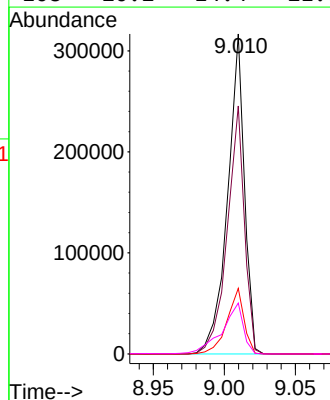
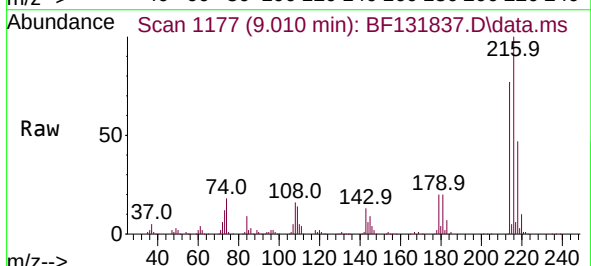
Ion Ratio Lower Upper

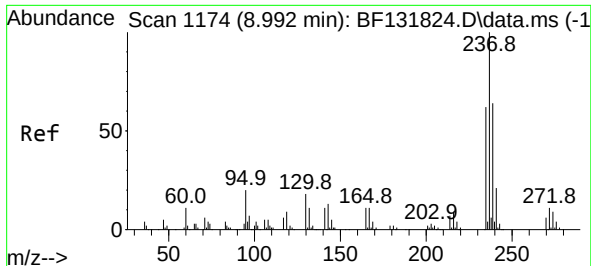
216 100

214 78.7 63.0 94.4

179 20.7 16.4 24.6

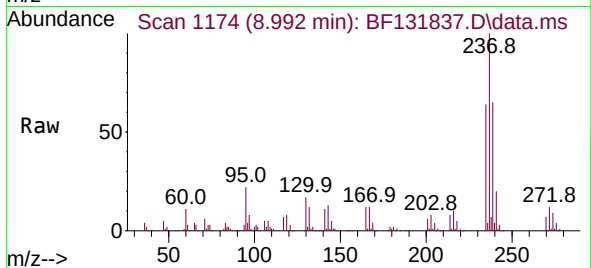
108 20.2 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 85.931 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

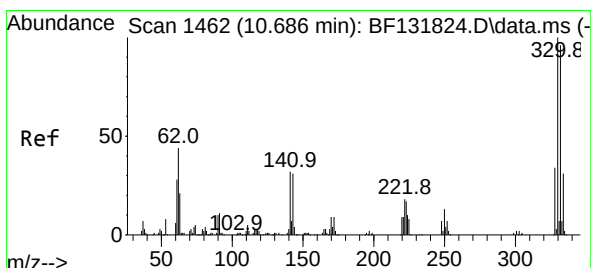
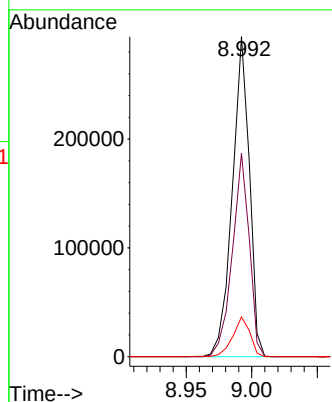
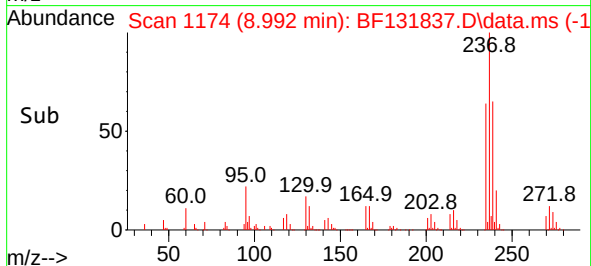
Instrument :
BNA_F
ClientSampleId :
PB149909BS



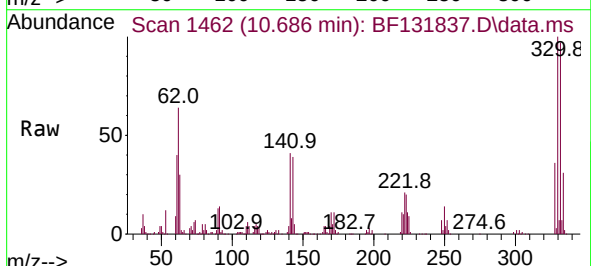
Tgt Ion:237 Resp: 266930
Ion Ratio Lower Upper
237 100
235 63.5 42.3 82.3
272 12.4 0.0 31.4

Manual Integrations
APPROVED

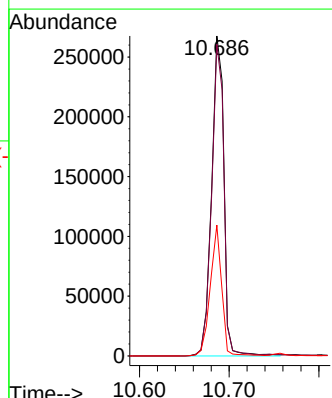
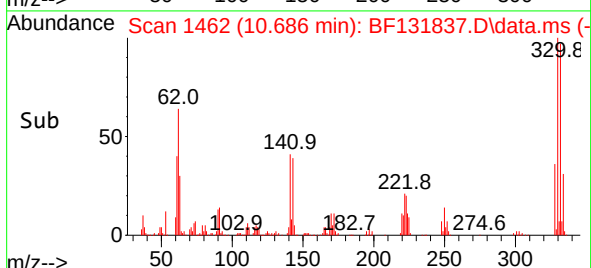
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

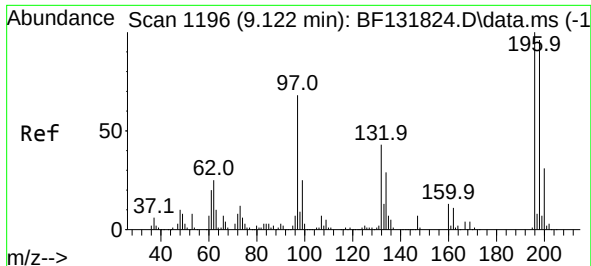


#42
2,4,6-Tribromophenol
Concen: 119.155 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16



Tgt Ion:330 Resp: 254517
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 38.0 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 35.837 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

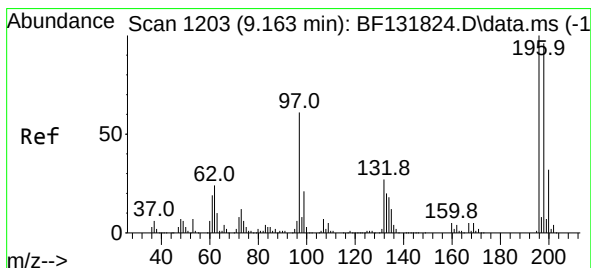
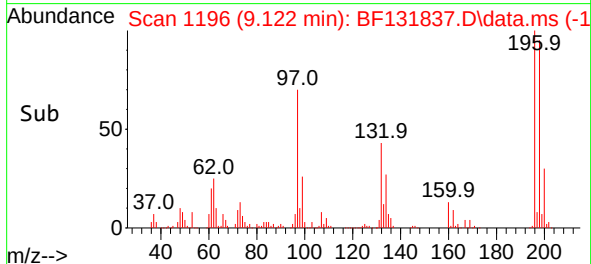
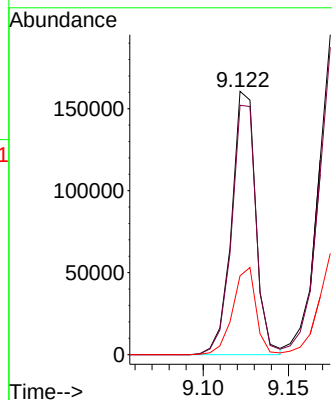
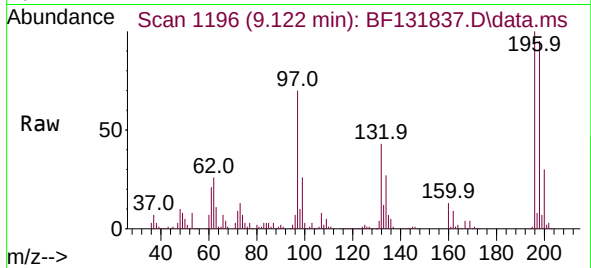
PB149909BS

Tgt Ion:196 Resp: 158442
Ion Ratio Lower Upper
196 100
198 94.7 76.5 114.7
200 29.9 24.5 36.7

Manual Integrations

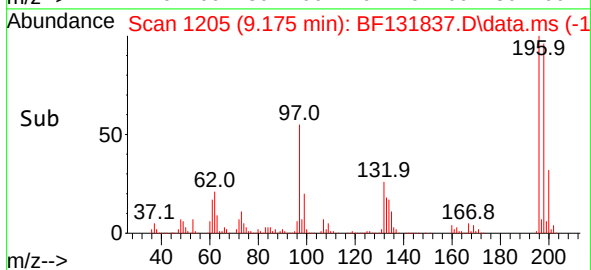
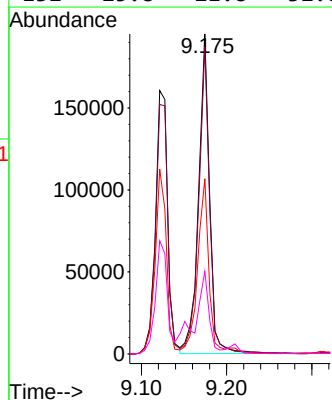
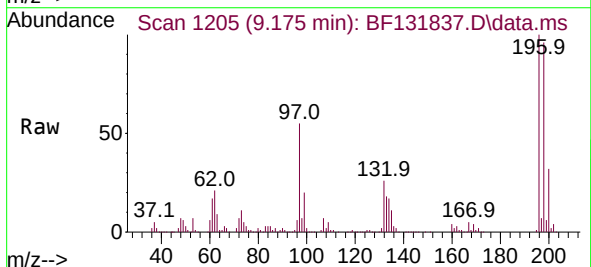
APPROVED

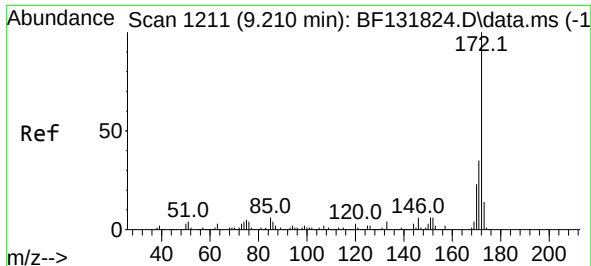
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#44
2,4,5-Trichlorophenol
Concen: 36.985 ng
RT: 9.175 min Scan# 1205
Delta R.T. 0.012 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion:196 Resp: 176759
Ion Ratio Lower Upper
196 100
198 96.1 76.6 115.0
97 54.7 49.3 73.9
132 25.8 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 69.853 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.000 min

Lab File: BF131837.D

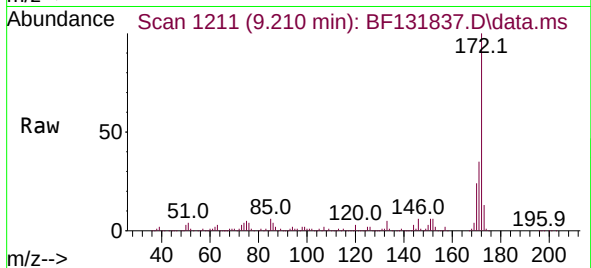
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB149909BS



Tgt Ion:172 Resp: 1002593

Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

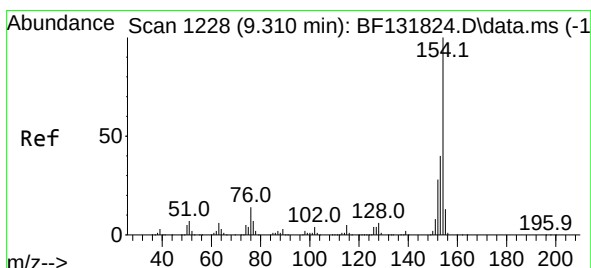
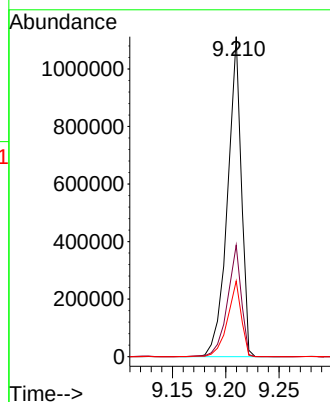
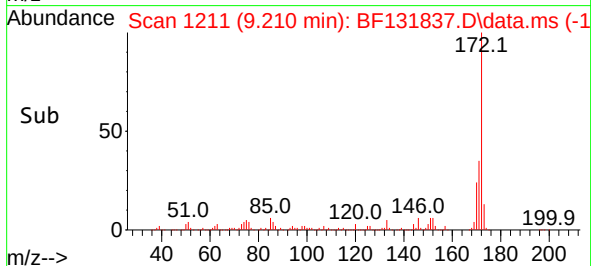
170 23.6 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Jagrut Upadhyay 12/28/2022



#46

1,1'-Biphenyl

Concen: 38.018 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF131837.D

Acq: 27 Dec 2022 15:16

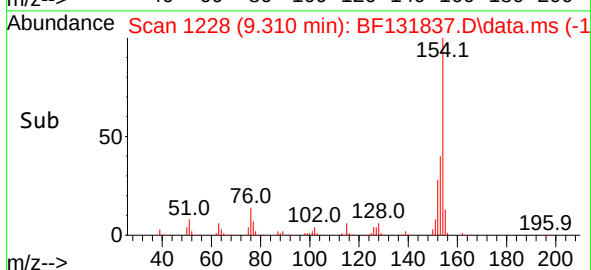
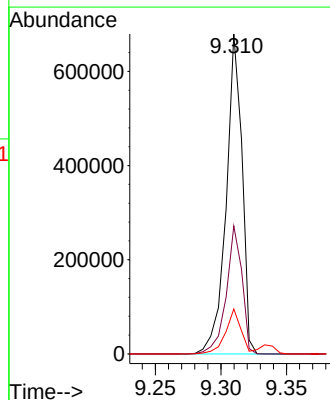
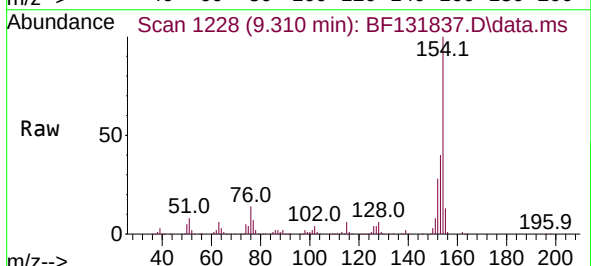
Tgt Ion:154 Resp: 572221

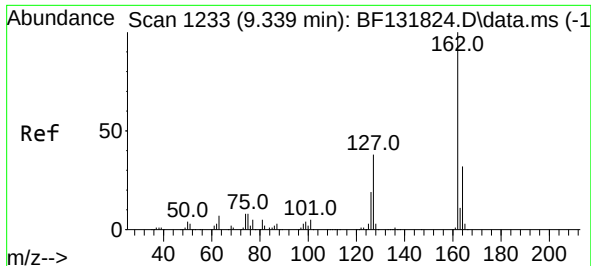
Ion Ratio Lower Upper

154 100

153 40.0 19.8 59.8

76 14.1 0.0 33.9





#47

2-Chloronaphthalene

Concen: 36.654 ng

RT: 9.339 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF131837.D

Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB149909BS

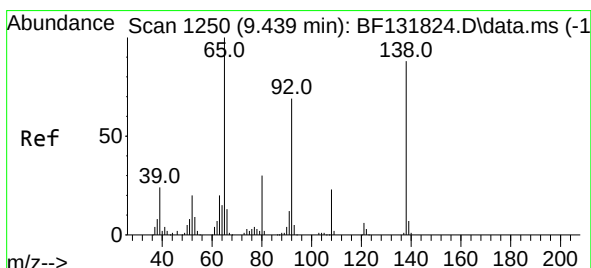
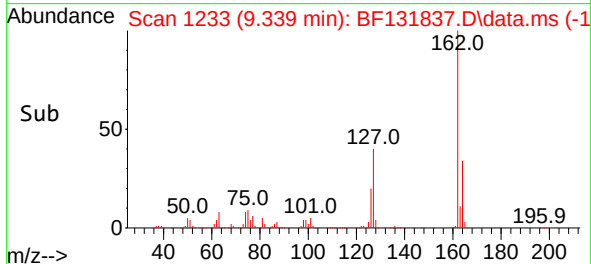
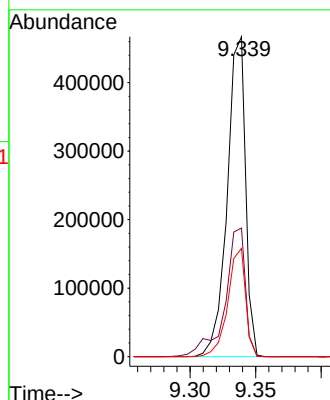
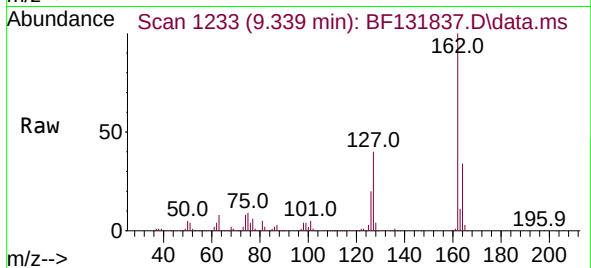
Tgt Ion:162 Resp: 456425

Ion	Ratio	Lower	Upper
162	100		
127	40.2	31.0	46.6
164	33.8	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: 36.471 ng

RT: 9.439 min Scan# 1250

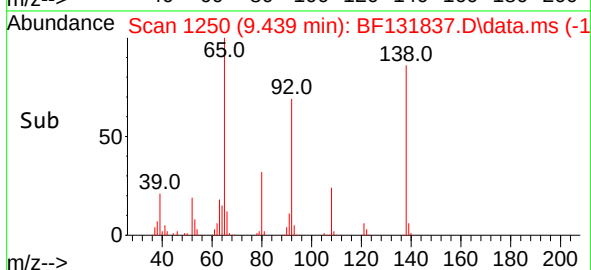
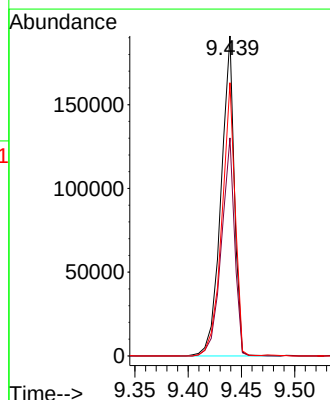
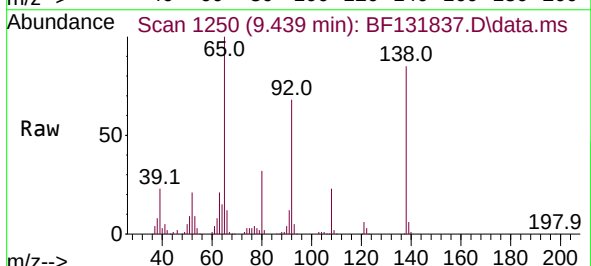
Delta R.T. -0.000 min

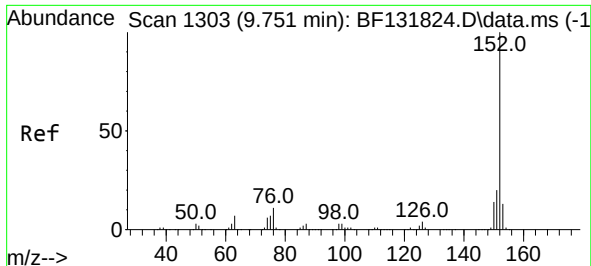
Lab File: BF131837.D

Acq: 27 Dec 2022 15:16

Tgt Ion: 65 Resp: 166464

Ion	Ratio	Lower	Upper
65	100		
92	68.1	55.0	82.6
138	85.4	70.4	105.6





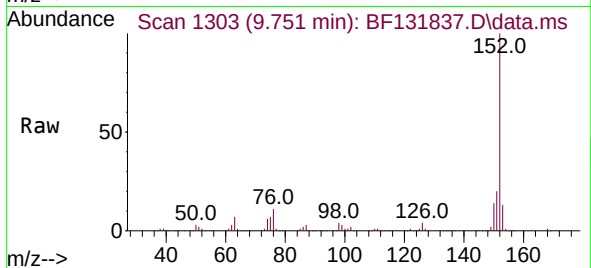
#49
Acenaphthylene
Concen: 36.674 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB149909BS

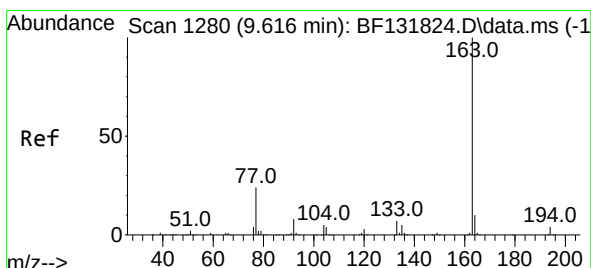
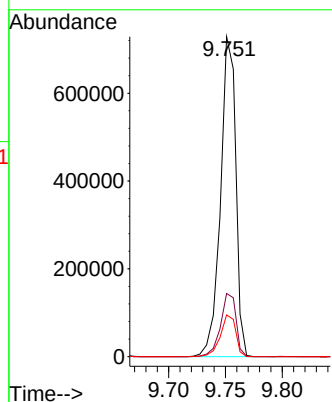
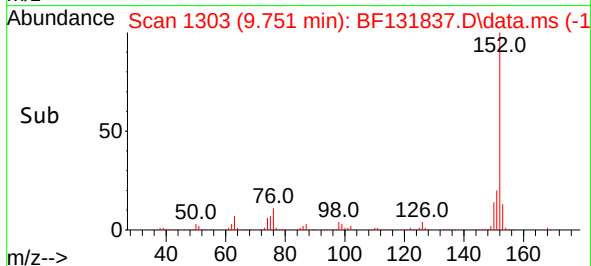


Tgt Ion:152 Resp: 679999
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.0 10.2 15.4

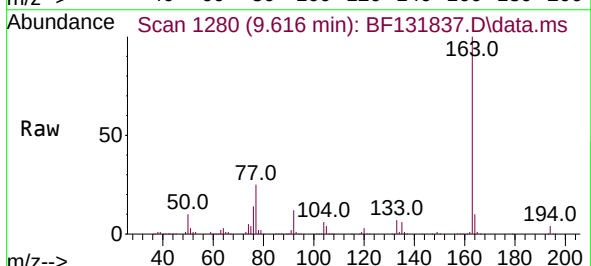
Manual Integrations

APPROVED

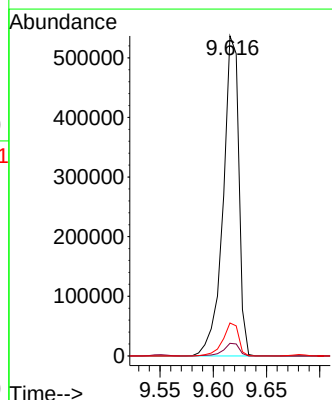
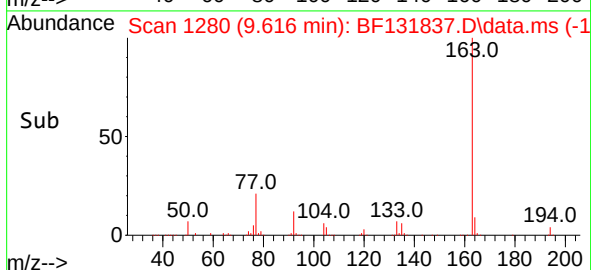
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

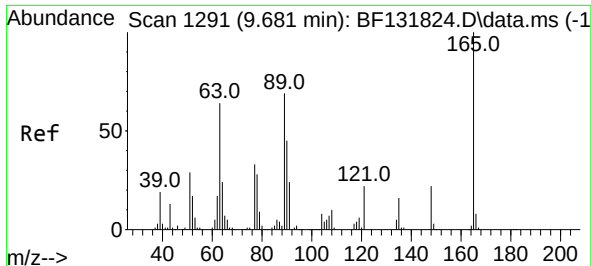


#50
Dimethylphthalate
Concen: 37.116 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16



Tgt Ion:163 Resp: 552031
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.3 8.2 12.4





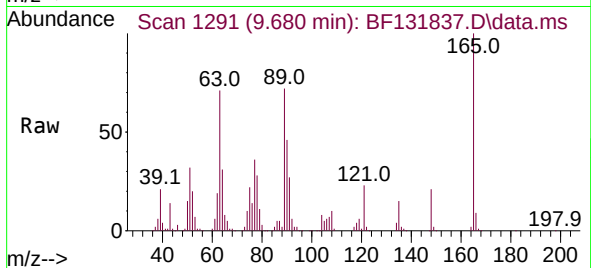
#51
2,6-Dinitrotoluene
Concen: 38.184 ng
RT: 9.680 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB149909BS

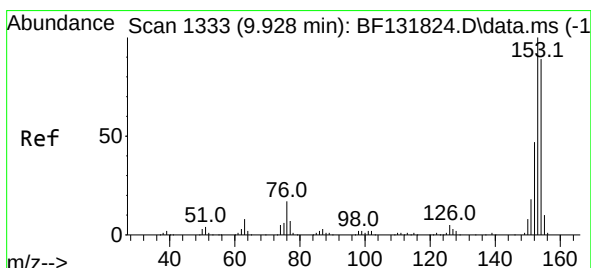
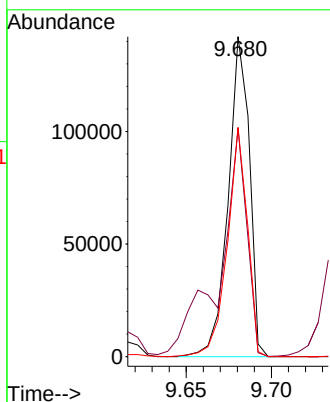
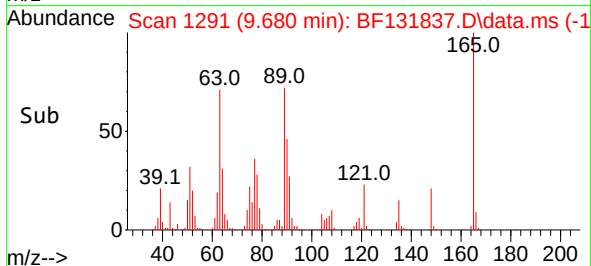


Tgt Ion:165 Resp: 122940
Ion Ratio Lower Upper
165 100
63 71.4 55.1 82.7
89 71.6 55.0 82.4

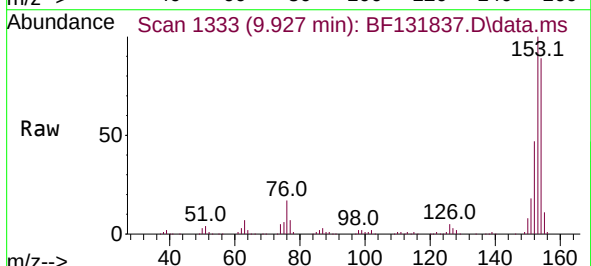
Manual Integrations

APPROVED

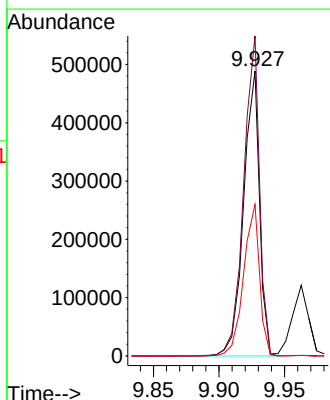
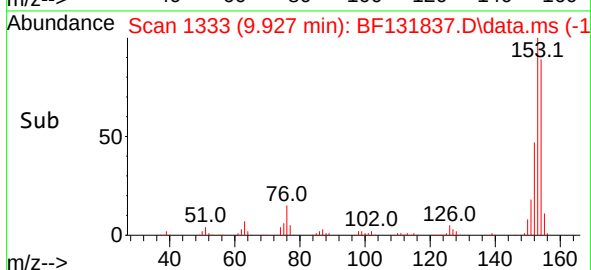
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

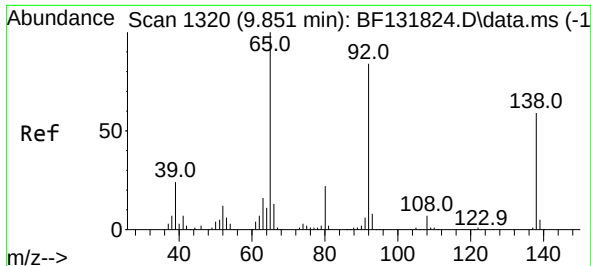


#52
Acenaphthene
Concen: 36.885 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16



Tgt Ion:154 Resp: 412763
Ion Ratio Lower Upper
154 100
153 112.3 90.2 135.2
152 53.1 42.5 63.7





#53
3-Nitroaniline
Concen: 25.747 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

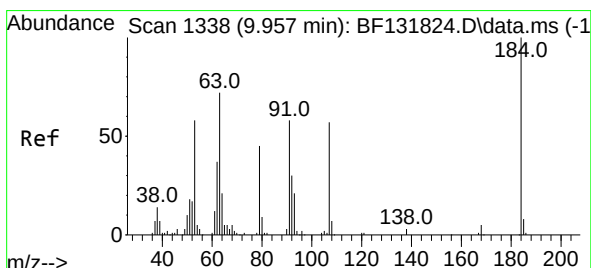
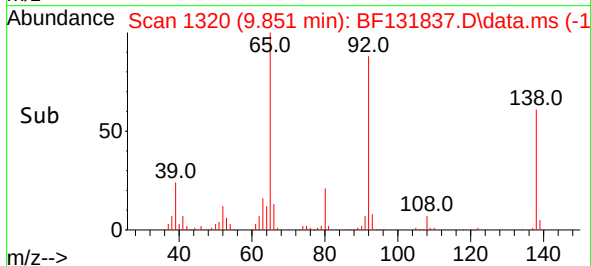
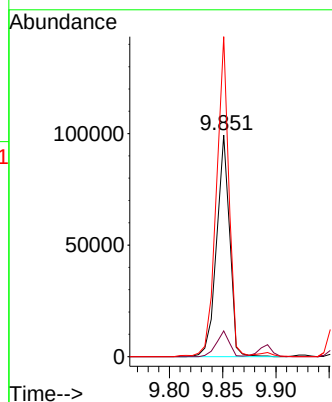
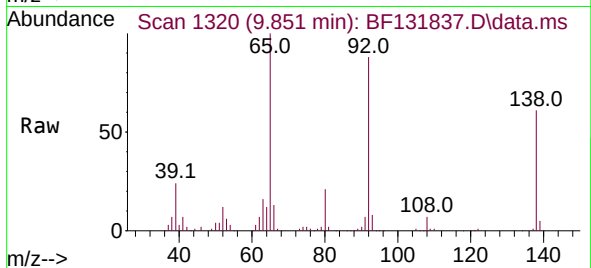
ClientSampleId :

PB149909BS

Tgt Ion:138 Resp: 84462
Ion Ratio Lower Upper
138 100
108 11.6 9.3 13.9
92 144.4 113.9 170.9

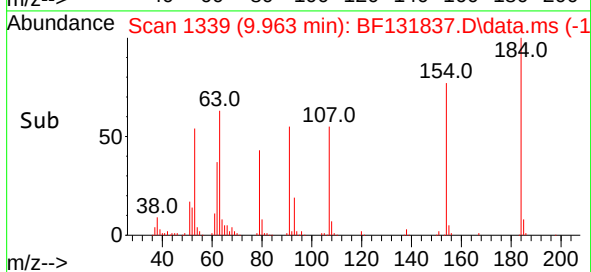
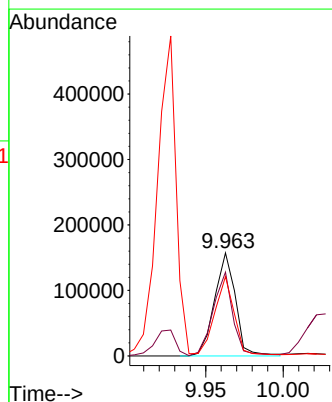
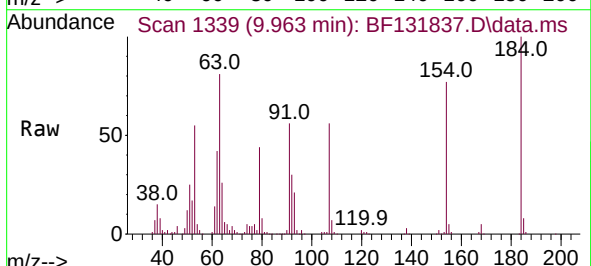
Manual Integrations
APPROVED

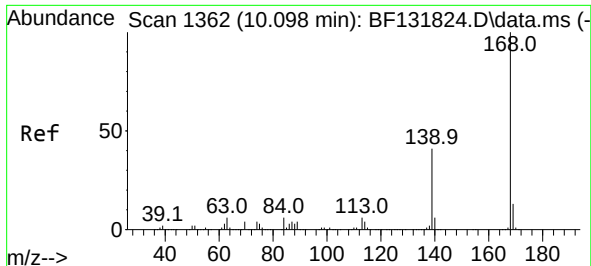
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#54
2,4-Dinitrophenol
Concen: 79.970 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

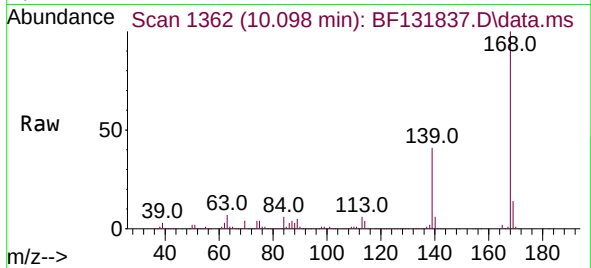
Tgt Ion:184 Resp: 148171
Ion Ratio Lower Upper
184 100
63 81.4 66.8 100.2
154 77.1 61.6 92.4





#55
Dibenzofuran
Concen: 36.595 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

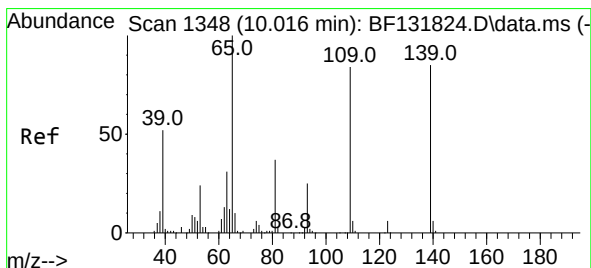
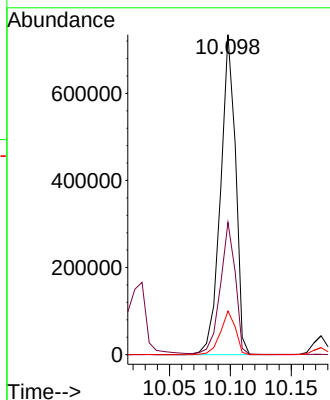
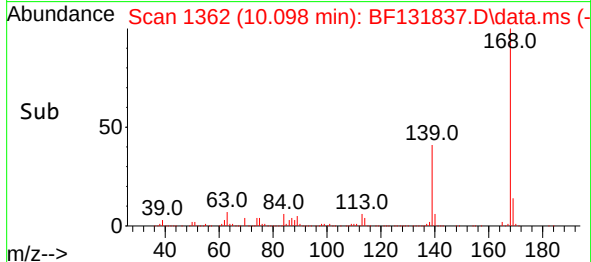
Instrument :
BNA_F
ClientSampleId :
PB149909BS



Tgt Ion:168 Resp: 630931
Ion Ratio Lower Upper
168 100
139 41.3 32.6 49.0
169 13.6 10.5 15.7

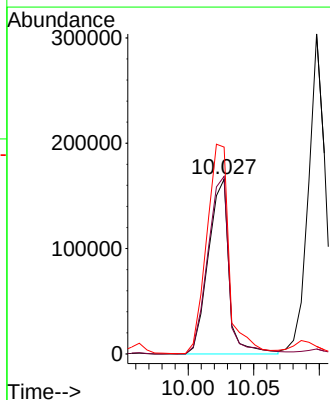
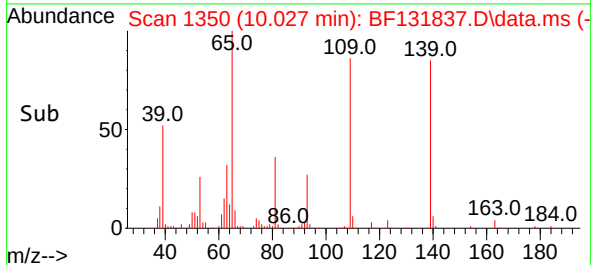
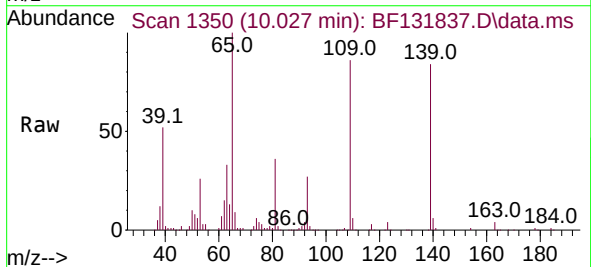
Manual Integrations
APPROVED

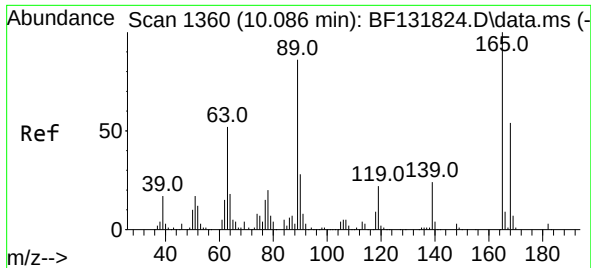
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#56
4-Nitrophenol
Concen: 79.237 ng
RT: 10.027 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion:139 Resp: 182097
Ion Ratio Lower Upper
139 100
109 101.7 78.5 118.5
65 118.5 97.5 137.5





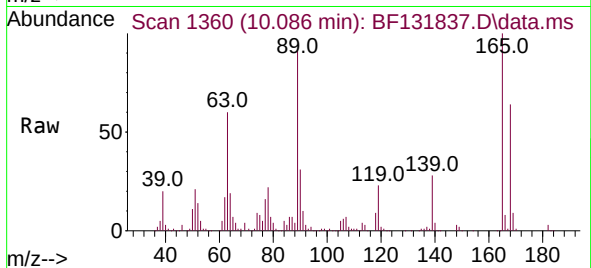
#57
2,4-Dinitrotoluene
Concen: 38.669 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB149909BS

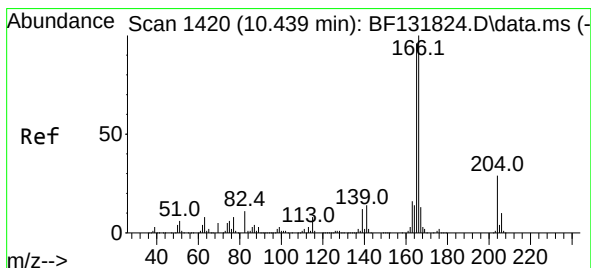
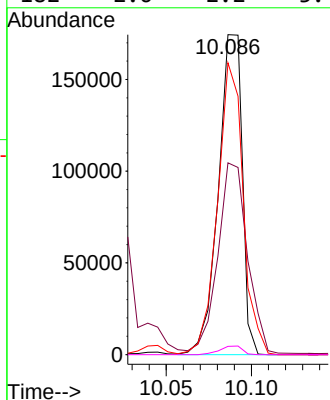
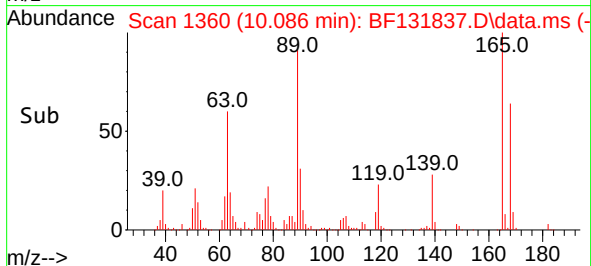


Tgt Ion:165 Resp: 170266
Ion Ratio Lower Upper
165 100
63 59.9 42.1 63.1
89 91.2 69.1 103.7
182 2.6 2.2 3.4

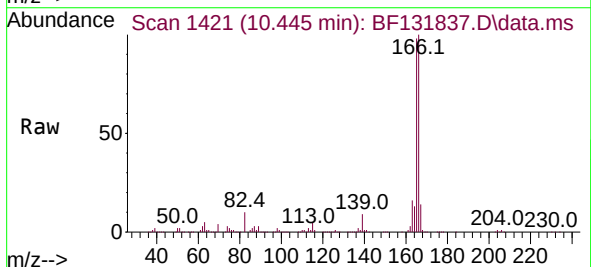
Manual Integrations

APPROVED

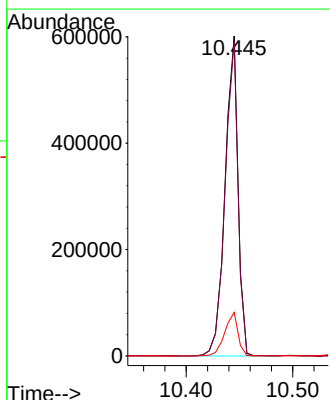
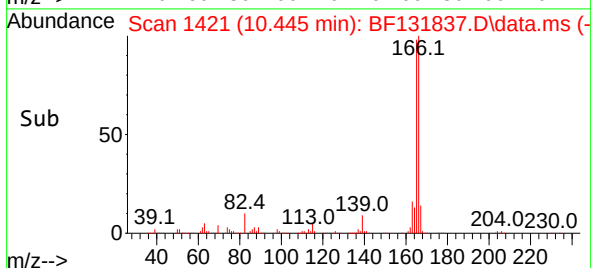
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

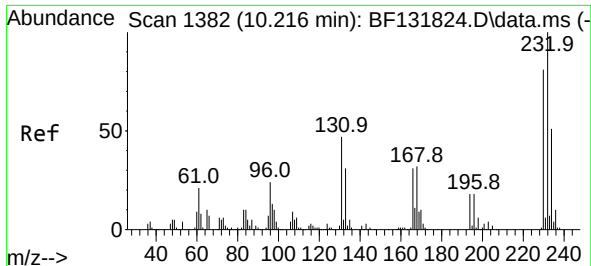


#58
Fluorene
Concen: 36.251 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16



Tgt Ion:166 Resp: 510231
Ion Ratio Lower Upper
166 100
165 98.3 77.0 115.4
167 13.6 10.4 15.6





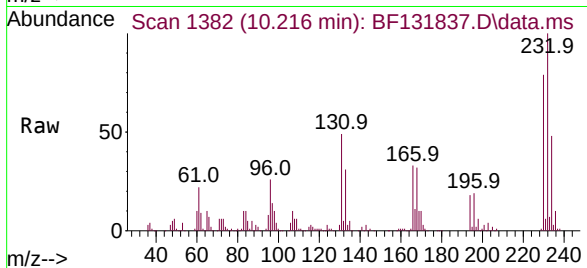
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.211 ng m
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB149909BS

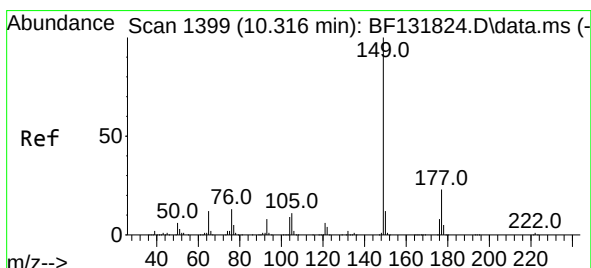
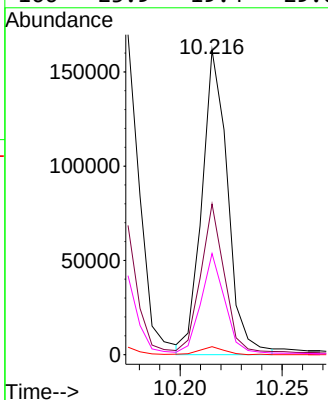
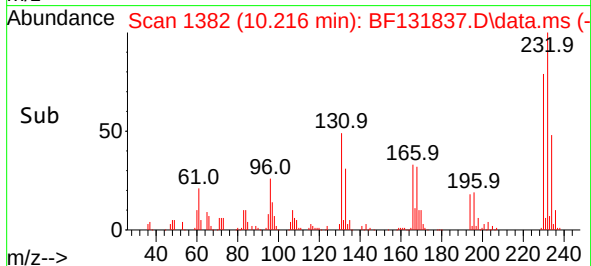


Tgt Ion:232 Resp: 142014
Ion Ratio Lower Upper
232 100
131 40.0 30.1 45.1
130 2.3 1.8 2.6
166 23.9 19.4 29.0

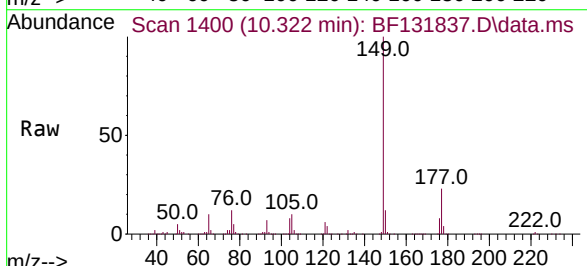
Manual Integrations

APPROVED

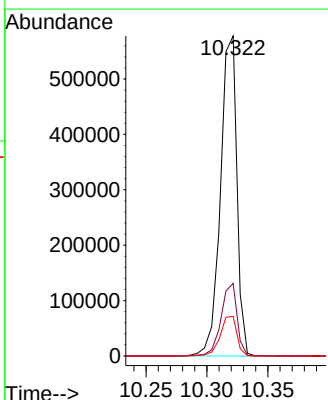
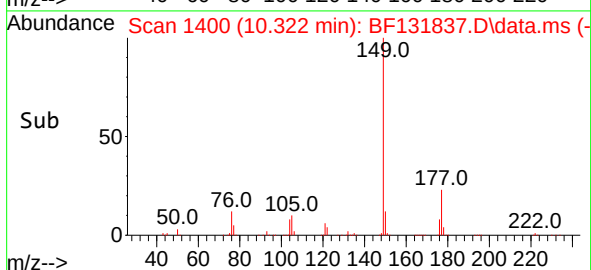
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

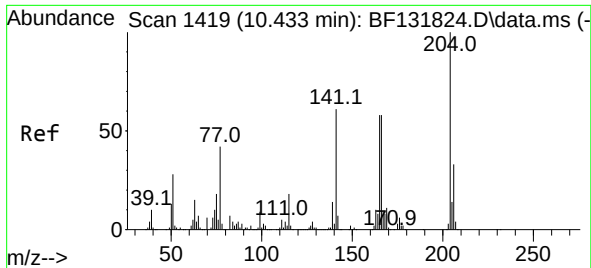


#60
Diethylphthalate
Concen: 37.928 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16



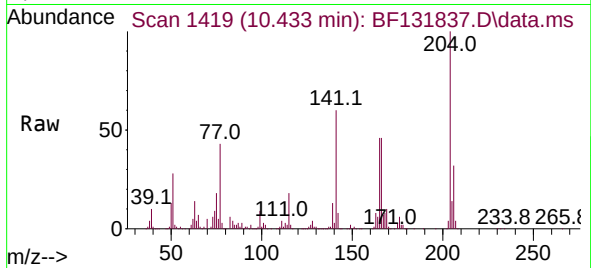
Tgt Ion:149 Resp: 542940
Ion Ratio Lower Upper
149 100
177 22.7 18.1 27.1
150 12.3 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 37.825 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

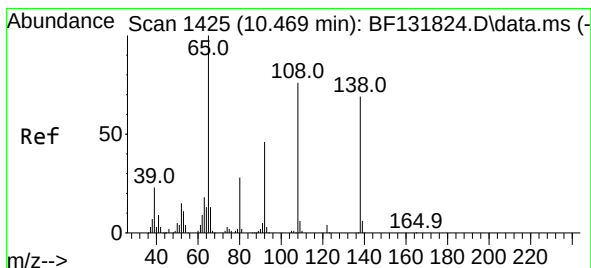
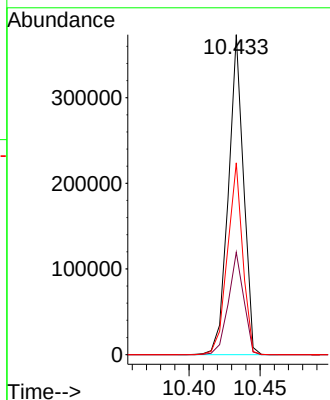
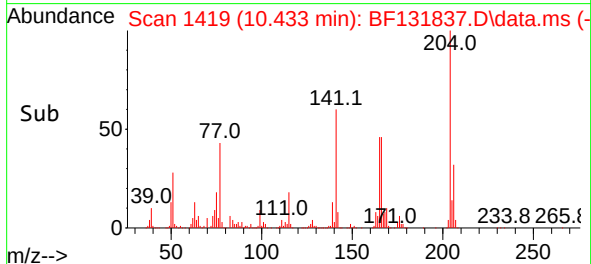
Instrument :
BNA_F
ClientSampleId :
PB149909BS



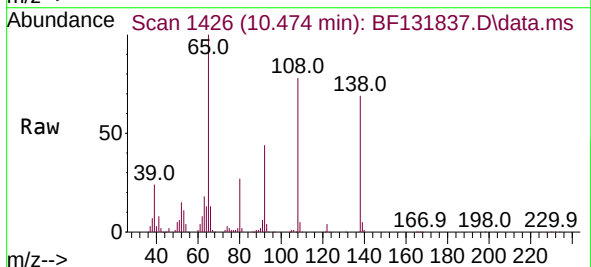
Tgt Ion:204 Resp: 276763
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 60.0 49.0 73.4

Manual Integrations
APPROVED

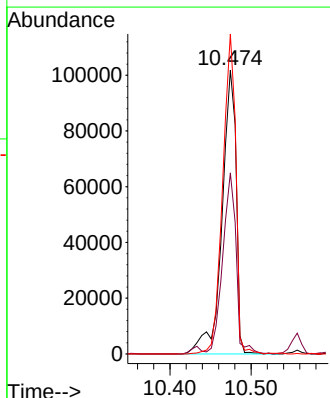
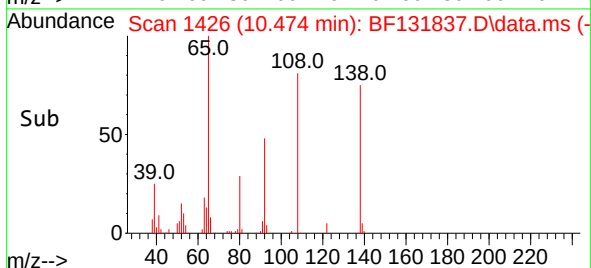
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

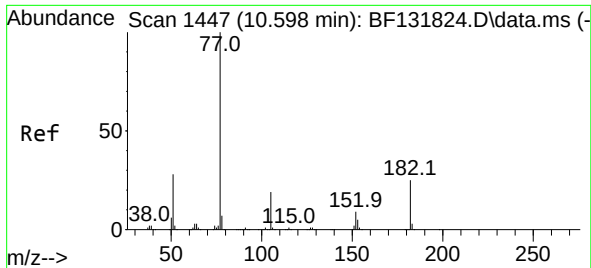


#62
4-Nitroaniline
Concen: 35.850 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16



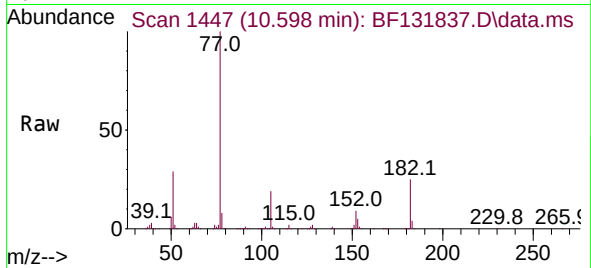
Tgt Ion:138 Resp: 122571
Ion Ratio Lower Upper
138 100
92 63.8 47.2 87.2
108 112.7 89.2 129.2





#63
Azobenzene
Concen: 37.000 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

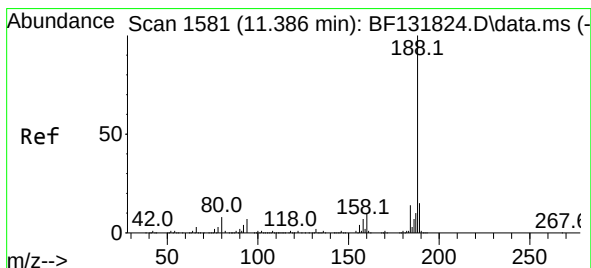
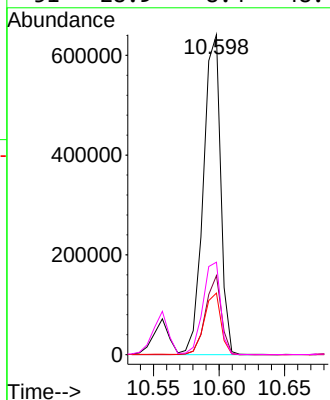
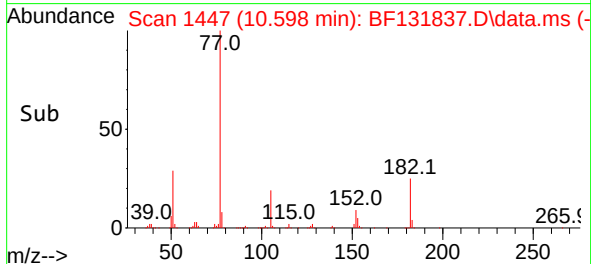
Instrument :
BNA_F
ClientSampleId :
PB149909BS



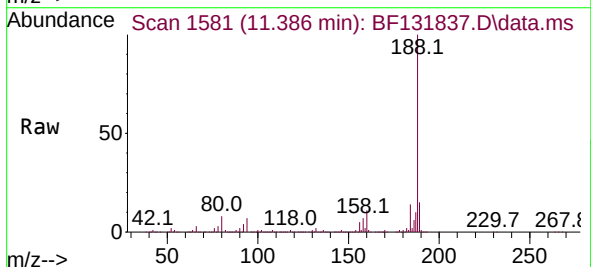
Tgt Ion: 77 Resp: 587812
Ion Ratio Lower Upper
77 100
182 24.7 5.0 45.0
105 19.2 0.0 39.4
51 28.9 8.4 48.4

Manual Integrations
APPROVED

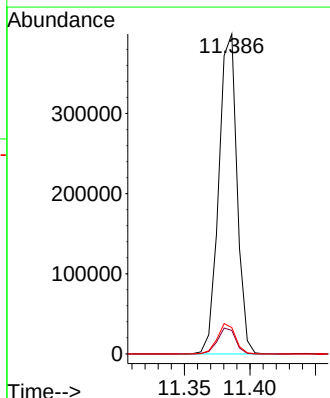
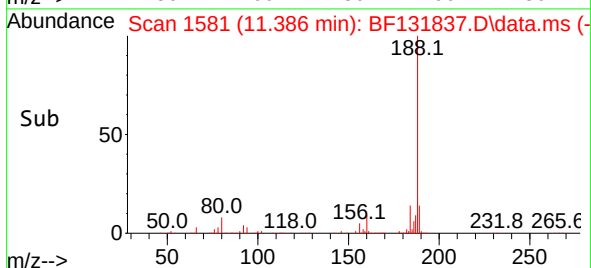
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

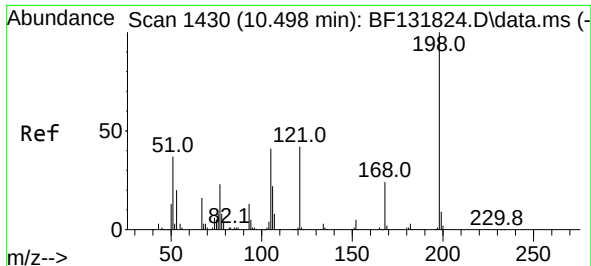


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16



Tgt Ion:188 Resp: 387668
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.6
80 8.2 6.7 10.1





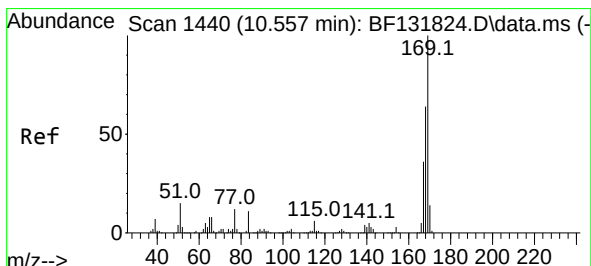
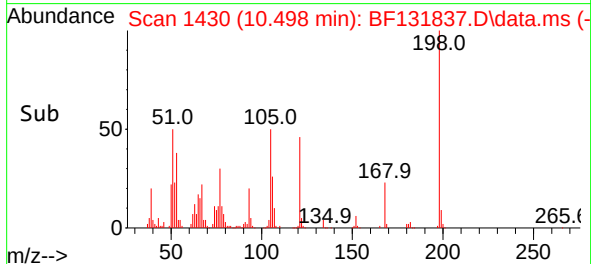
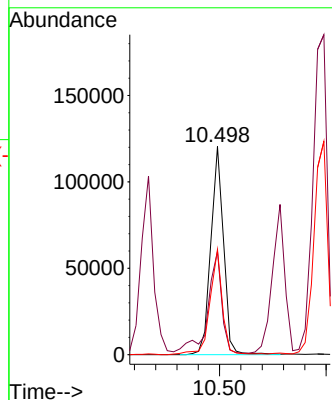
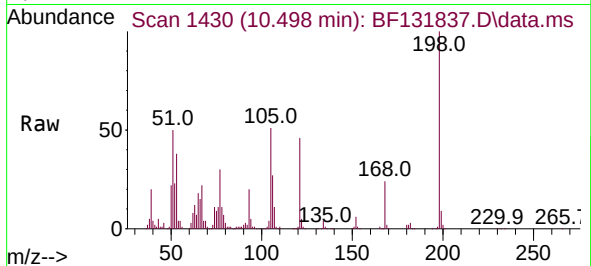
#65
4,6-Dinitro-2-methylphenol
Concen: 37.929 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :
BNA_F
ClientSampleId :
PB149909BS

Tgt Ion:198 Resp: 100112
Ion Ratio Lower Upper
198 100
51 49.7 21.6 61.6
105 50.5 22.0 62.0

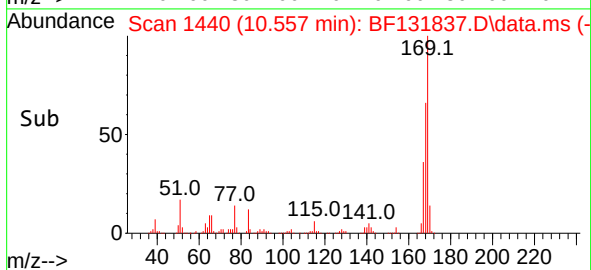
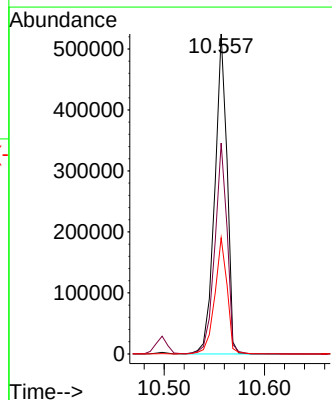
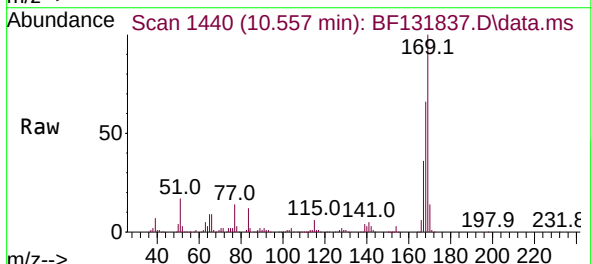
Manual Integrations
APPROVED

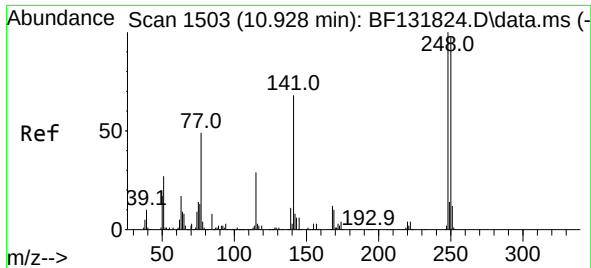
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#66
n-Nitrosodiphenylamine
Concen: 37.626 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

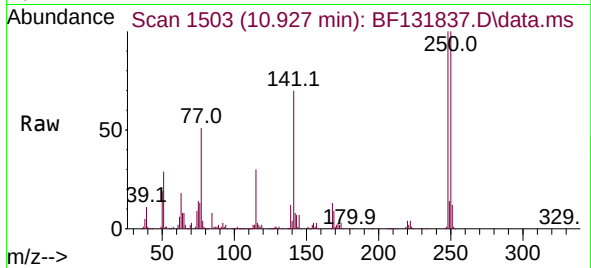
Tgt Ion:169 Resp: 444943
Ion Ratio Lower Upper
169 100
168 65.9 51.5 77.3
167 36.3 28.4 42.6





#67
4-Bromophenyl-phenylether
Concen: 37.524 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

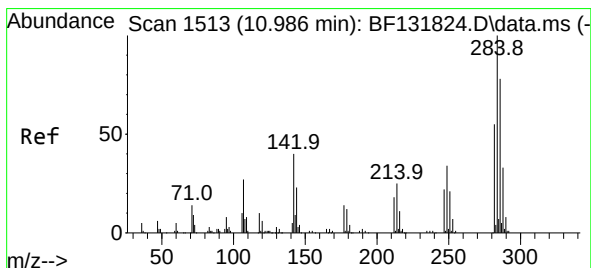
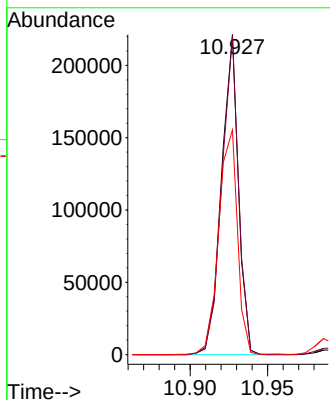
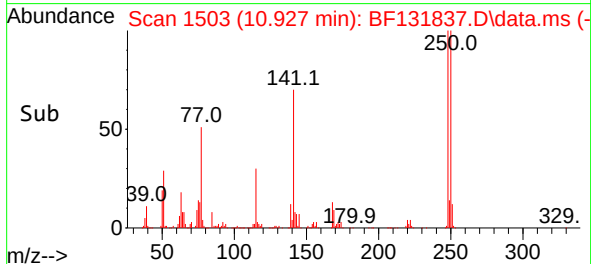
Instrument :
BNA_F
ClientSampleId :
PB149909BS



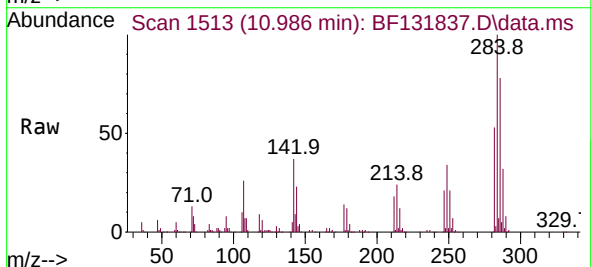
Tgt Ion:248 Resp: 168601
Ion Ratio Lower Upper
248 100
250 99.6 78.0 117.0
141 70.2 54.8 82.2

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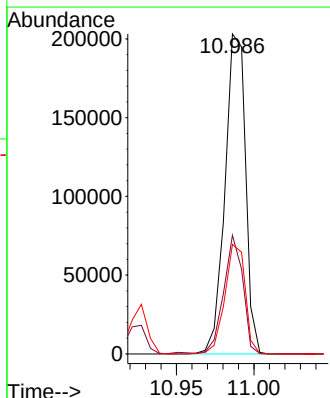
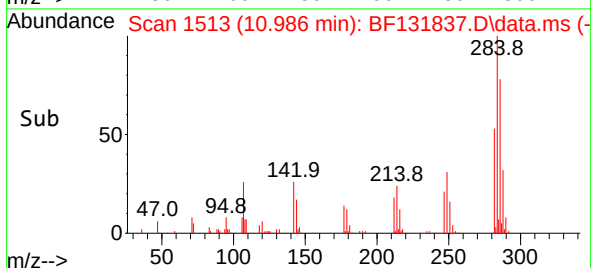
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

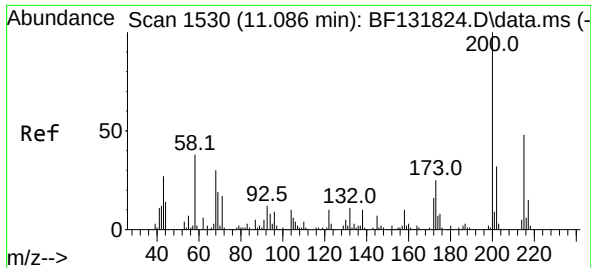


#68
Hexachlorobenzene
Concen: 37.985 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16



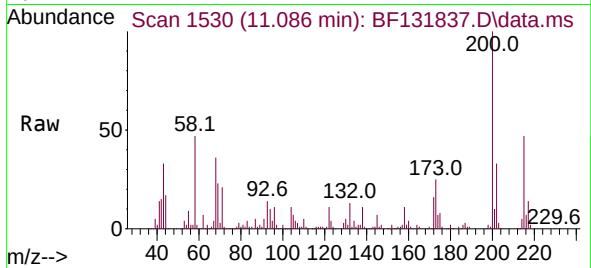
Tgt Ion:284 Resp: 187482
Ion Ratio Lower Upper
284 100
142 37.1 31.6 47.4
249 34.2 26.9 40.3





#69
 Atrazine
 Concen: 44.953 ng
 RT: 11.086 min Scan# 1530
 Delta R.T. -0.000 min
 Lab File: BF131837.D
 Acq: 27 Dec 2022 15:16

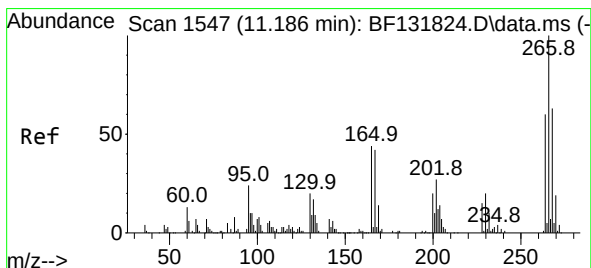
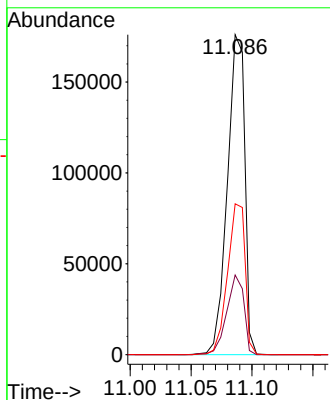
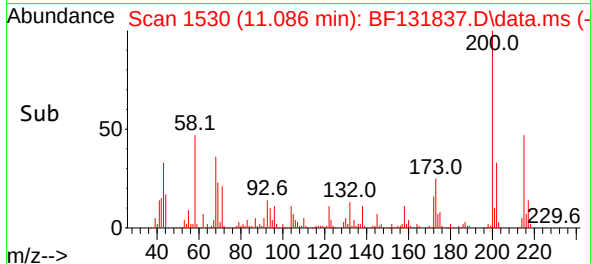
Instrument :
 BNA_F
 ClientSampleId :
 PB149909BS



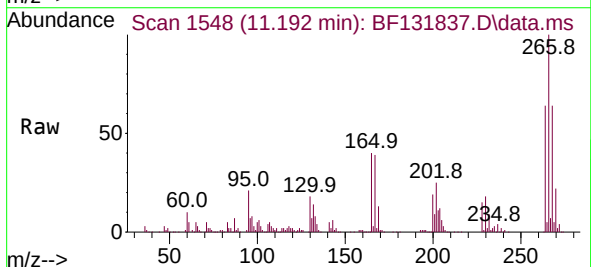
Tgt Ion:200 Resp: 175008
 Ion Ratio Lower Upper
 200 100
 173 24.9 4.5 44.5
 215 47.1 28.5 68.5

Manual Integrations
 APPROVED

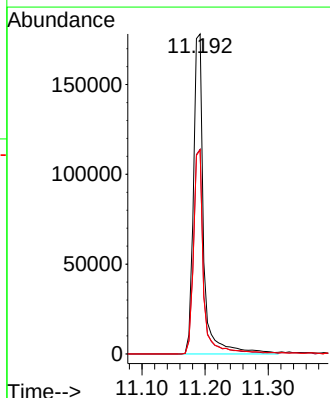
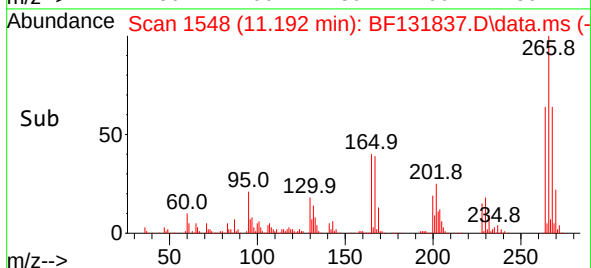
Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Jagrut Upadhyay 12/28/2022

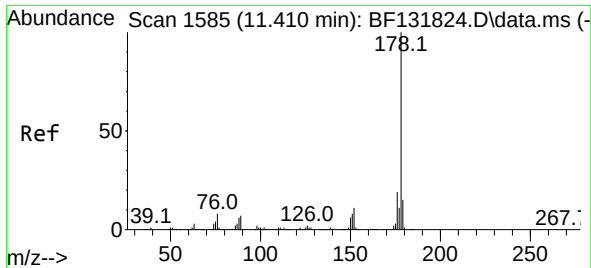


#70
 Pentachlorophenol
 Concen: 82.054 ng
 RT: 11.192 min Scan# 1548
 Delta R.T. 0.006 min
 Lab File: BF131837.D
 Acq: 27 Dec 2022 15:16



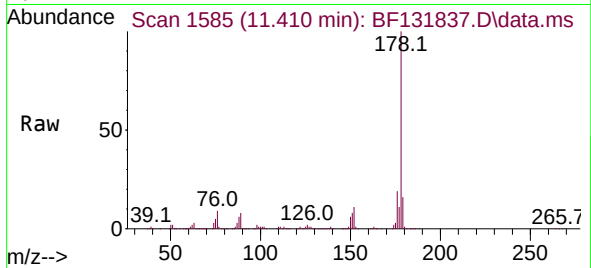
Tgt Ion:266 Resp: 200403
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.5 75.7
 264 63.7 48.3 72.5





#71
Phenanthrene
Concen: 36.423 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

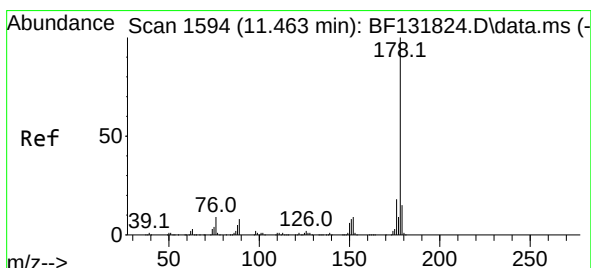
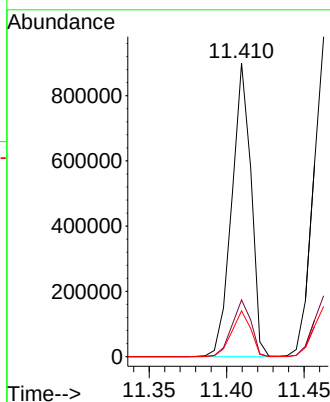
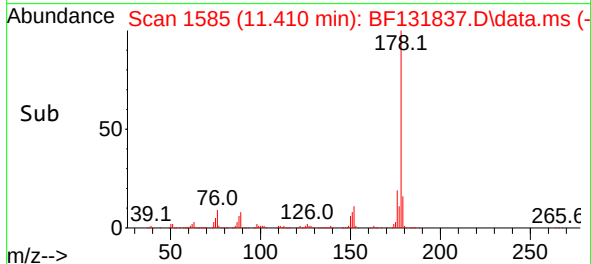
Instrument :
BNA_F
ClientSampleId :
PB149909BS



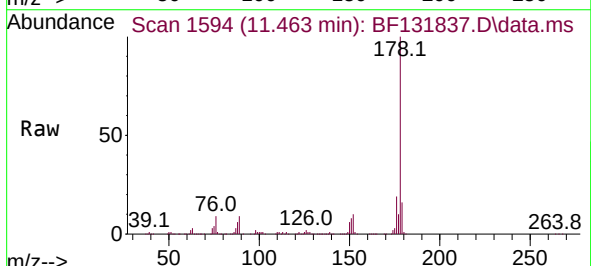
Tgt Ion:178 Resp: 776476
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.6 12.2 18.4

Manual Integrations
APPROVED

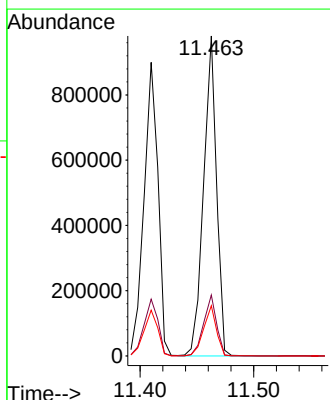
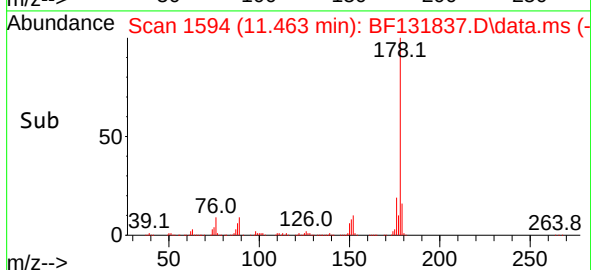
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

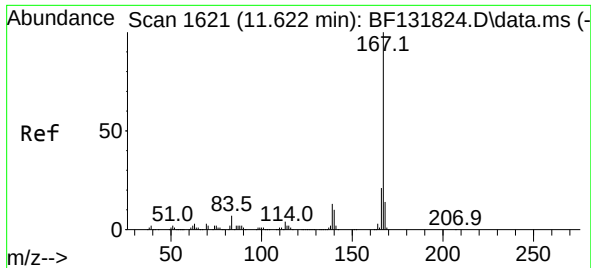


#72
Anthracene
Concen: 37.403 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16



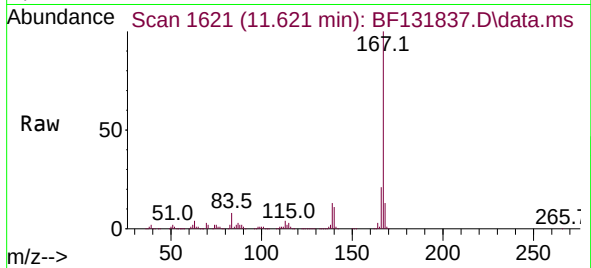
Tgt Ion:178 Resp: 780031
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.7 12.2 18.2





#73
 Carbazole
 Concen: 38.276 ng
 RT: 11.621 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF131837.D
 Acq: 27 Dec 2022 15:16

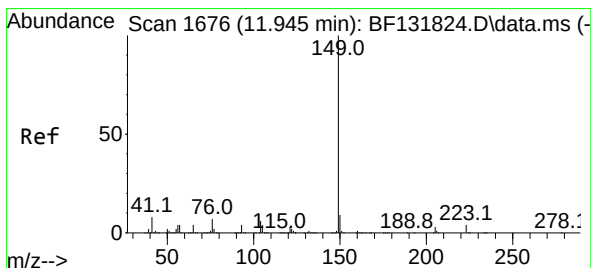
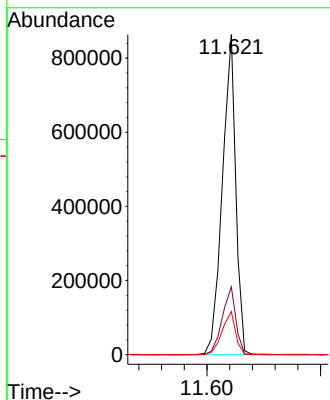
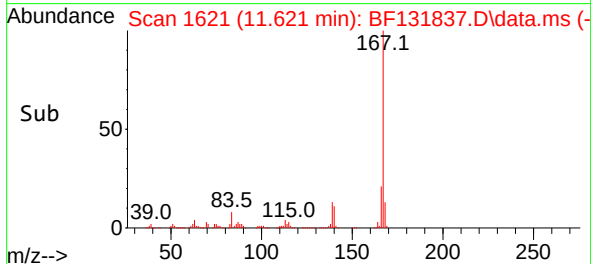
Instrument :
 BNA_F
 ClientSampleId :
 PB149909BS



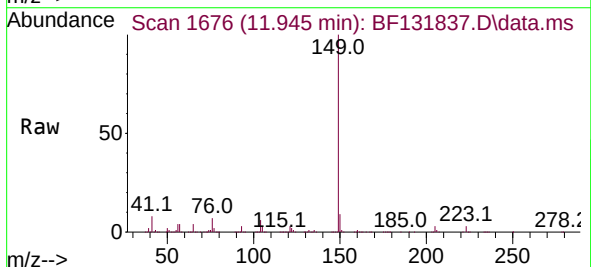
Tgt Ion:167 Resp: 704695
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.6 24.8
 139 13.4 10.6 15.8

Manual Integrations
 APPROVED

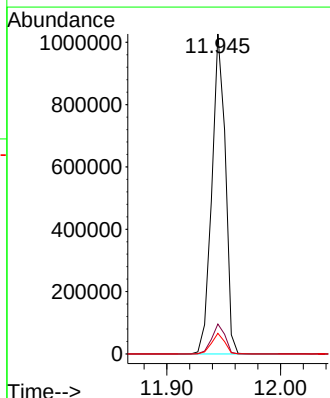
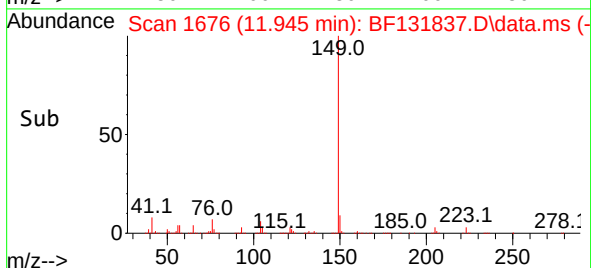
Reviewed By :Christian Giraldo 12/28/2022
 Supervised By :Jagrut Upadhyay 12/28/2022

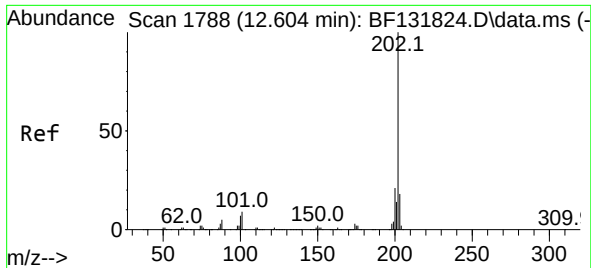


#74
 Di-n-butylphthalate
 Concen: 38.073 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF131837.D
 Acq: 27 Dec 2022 15:16



Tgt Ion:149 Resp: 847248
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 6.4 5.1 7.7





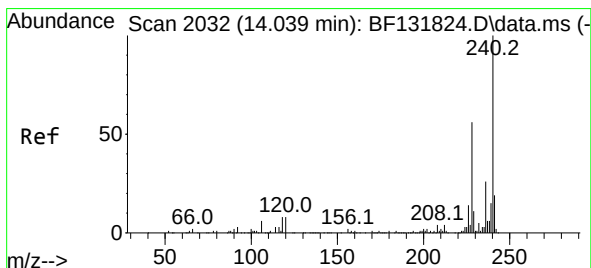
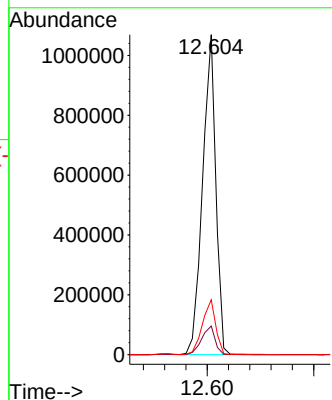
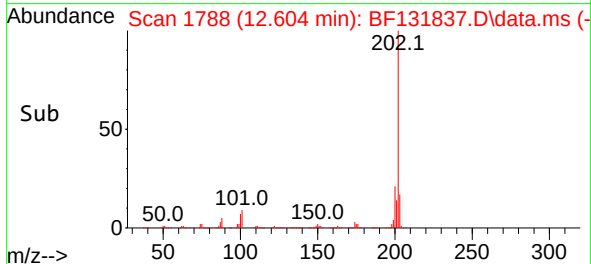
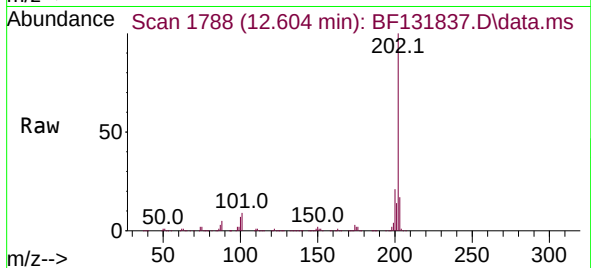
#75
Fluoranthene
Concen: 36.946 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :
BNA_F
ClientSampleId :
PB149909BS

Tgt Ion:202 Resp: 917431
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.6
203 17.1 0.0 37.8

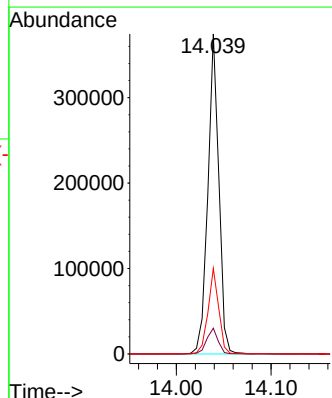
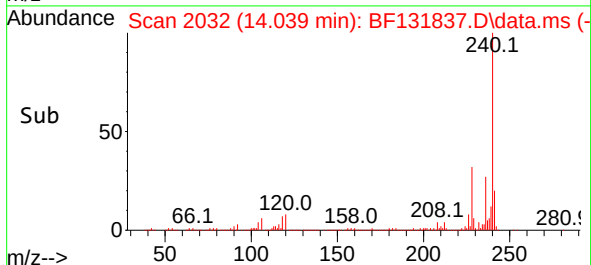
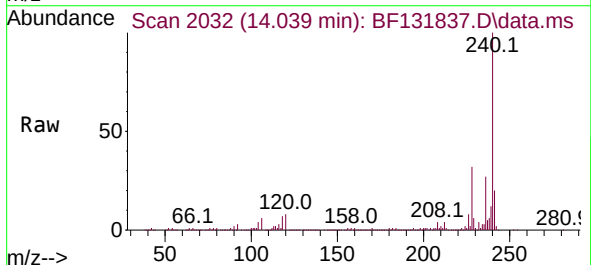
Manual Integrations
APPROVED

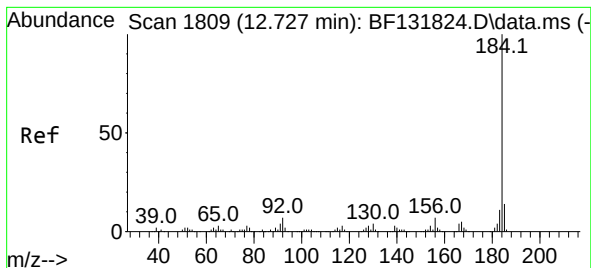
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion:240 Resp: 302173
Ion Ratio Lower Upper
240 100
120 8.0 6.7 10.1
236 26.7 20.6 31.0





#77

Benzidine

Concen: 45.351 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF131837.D

Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB149909BS

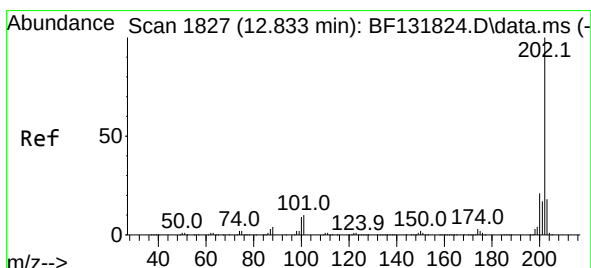
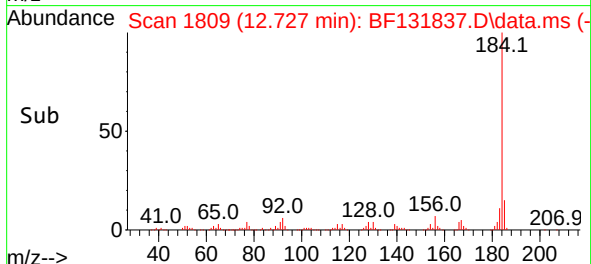
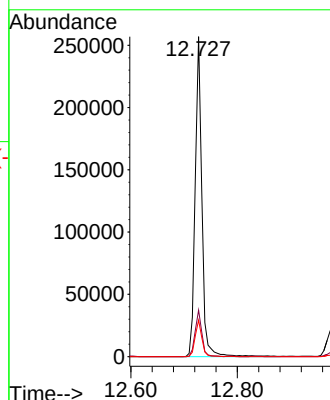
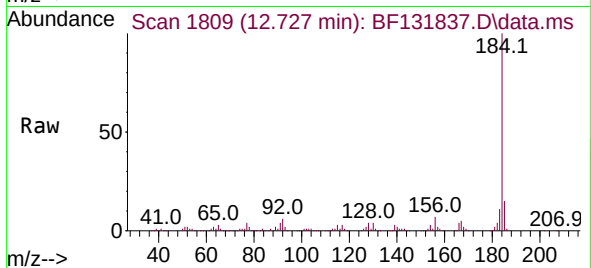
Tgt Ion:184 Resp: 225203

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.6	17.4
183	11.4	9.0	13.4

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 36.979 ng

RT: 12.833 min Scan# 1827

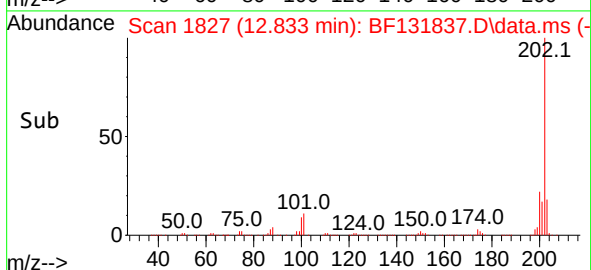
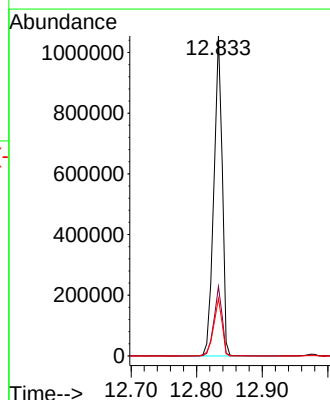
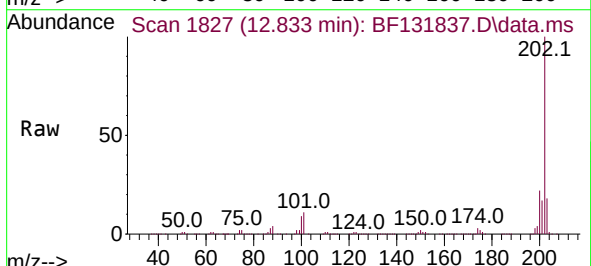
Delta R.T. -0.000 min

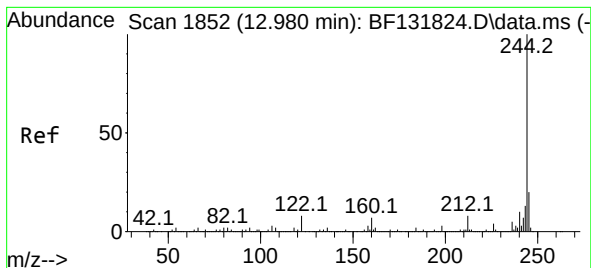
Lab File: BF131837.D

Acq: 27 Dec 2022 15:16

Tgt Ion:202 Resp: 936558

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.7	25.1
203	17.9	14.4	21.6





#79

Terphenyl-d14

Concen: 76.531 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF131837.D

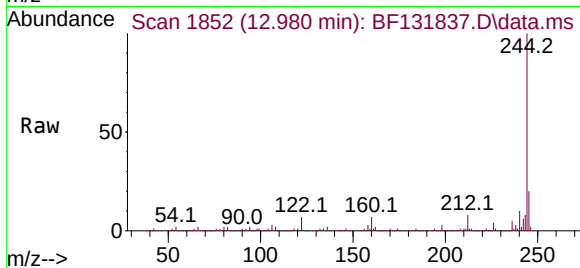
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB149909BS



Tgt Ion:244 Resp: 1367153

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

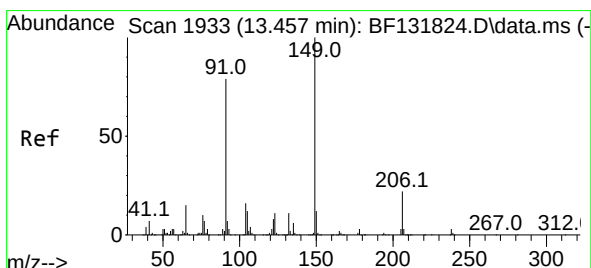
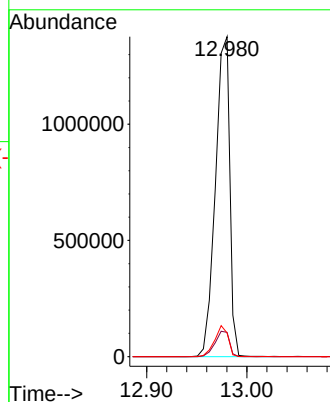
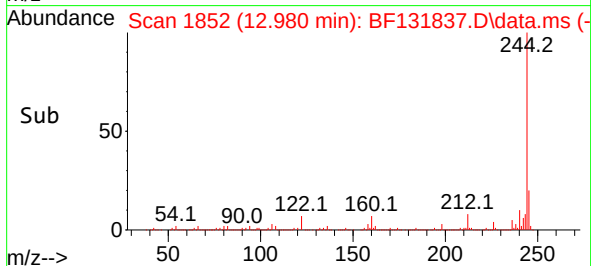
122 7.4 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Jagrut Upadhyay 12/28/2022



#80

Butylbenzylphthalate

Concen: 38.386 ng

RT: 13.451 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF131837.D

Acq: 27 Dec 2022 15:16

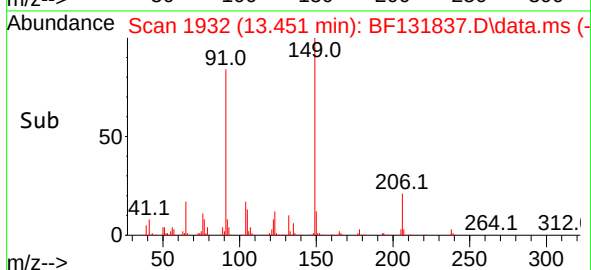
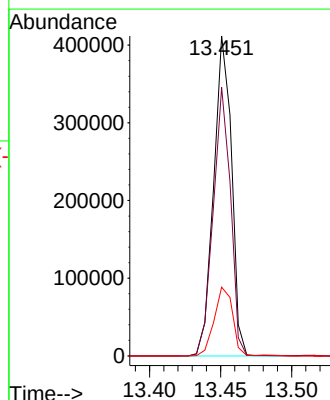
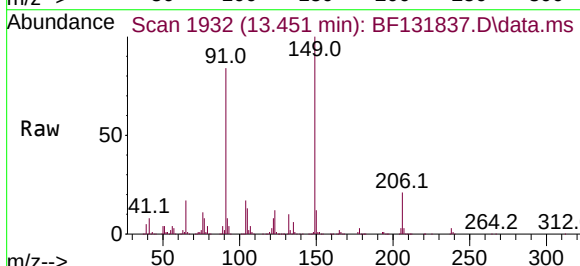
Tgt Ion:149 Resp: 360600

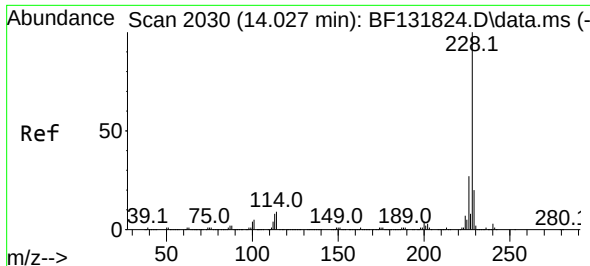
Ion Ratio Lower Upper

149 100

91 83.9 63.2 94.8

206 21.5 17.9 26.9





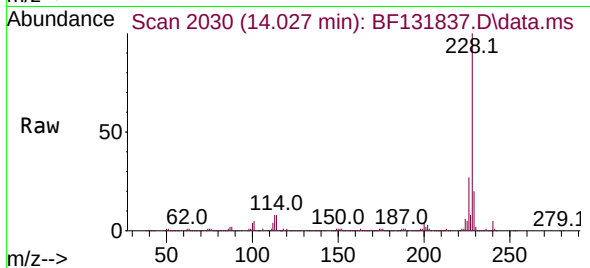
#81
Benzo(a)anthracene
Concen: 36.936 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB149909BS

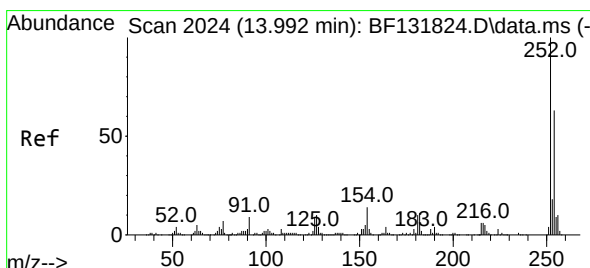
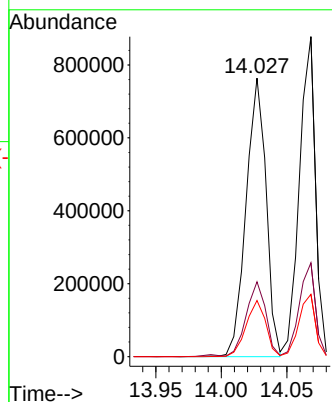
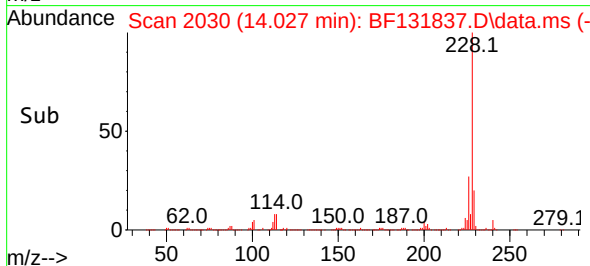


Tgt Ion:228 Resp: 808078
Ion Ratio Lower Upper
228 100
226 26.8 22.0 33.0
229 20.1 16.0 24.0

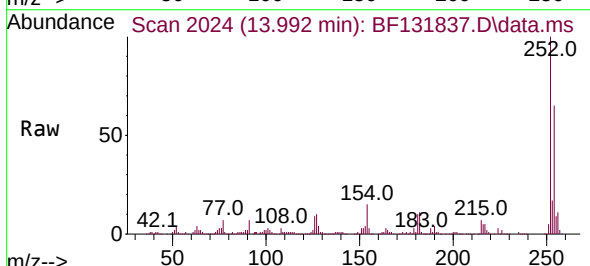
Manual Integrations

APPROVED

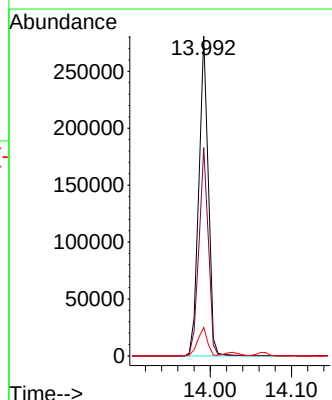
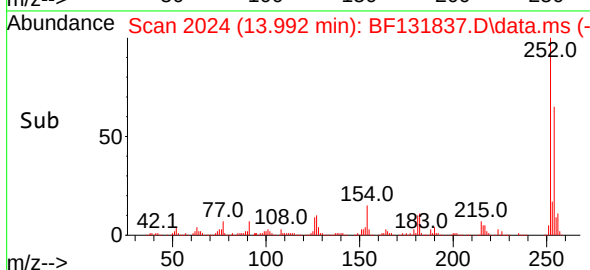
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

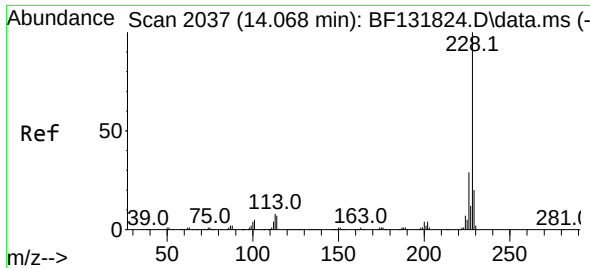


#82
3,3'-Dichlorobenzidine
Concen: 35.796 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16



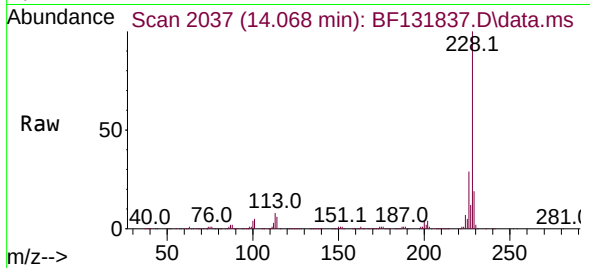
Tgt Ion:252 Resp: 226355
Ion Ratio Lower Upper
252 100
254 65.1 50.4 75.6
126 8.9 7.5 11.3





#83
Chrysene
Concen: 36.642 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

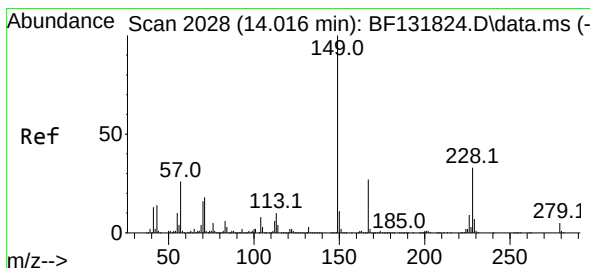
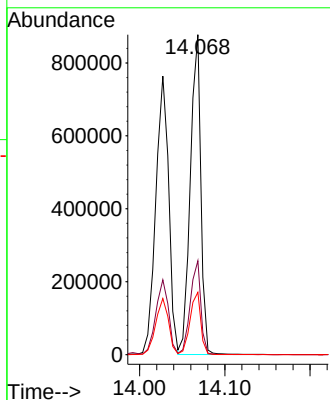
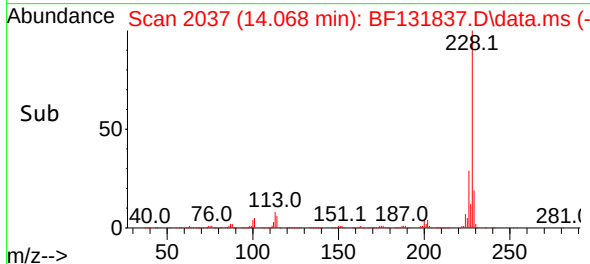
Instrument :
BNA_F
ClientSampleId :
PB149909BS



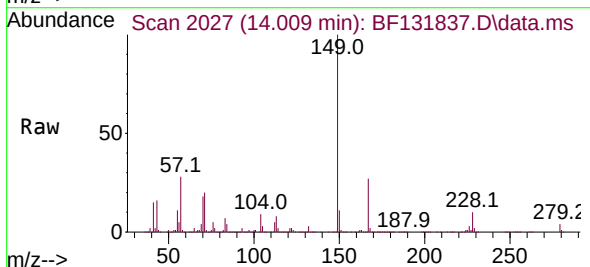
Tgt Ion:228 Resp: 753311
Ion Ratio Lower Upper
228 100
226 29.3 23.5 35.3
229 19.5 16.2 24.2

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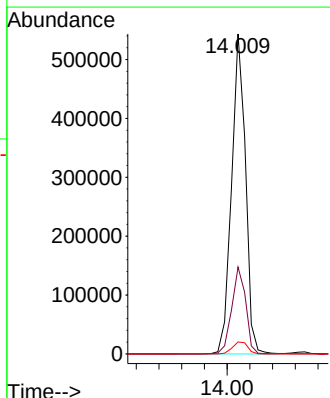
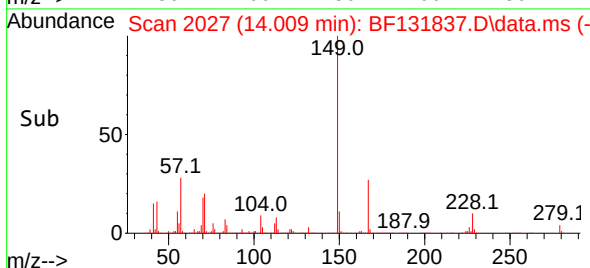
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

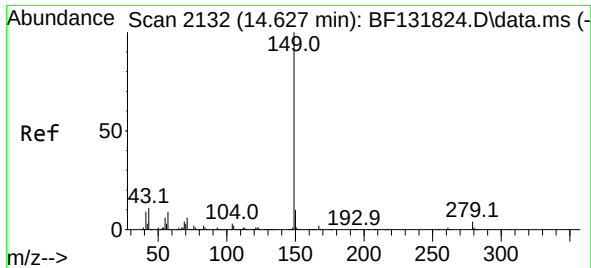


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.483 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16



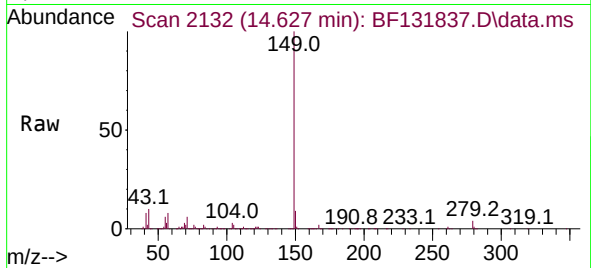
Tgt Ion:149 Resp: 463050
Ion Ratio Lower Upper
149 100
167 27.1 21.8 32.6
279 3.7 3.9 5.9#





#85
Di-n-octyl phthalate
Concen: 41.983 ng
RT: 14.627 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

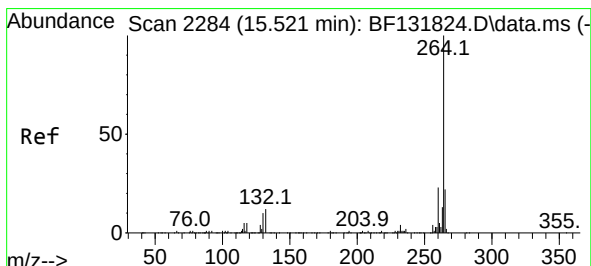
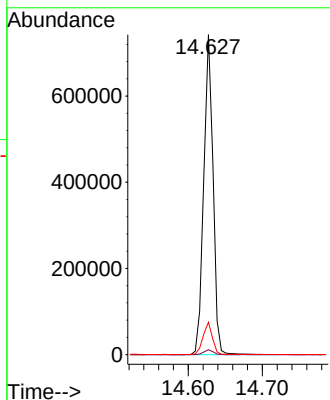
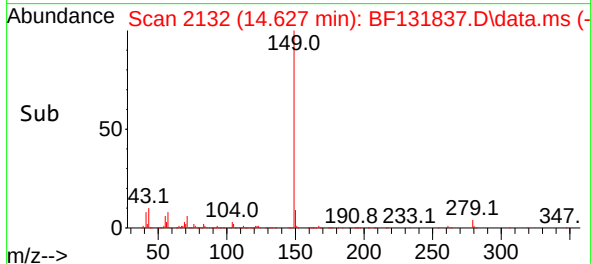
Instrument :
BNA_F
ClientSampleId :
PB149909BS



Tgt Ion:149 Resp: 646440
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.2 8.1 12.1

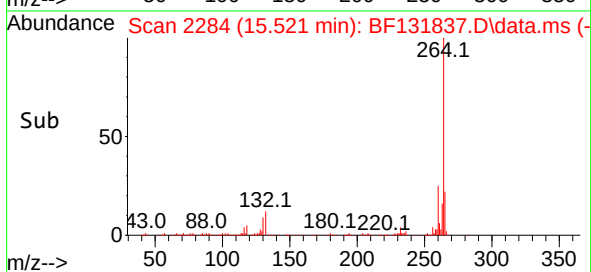
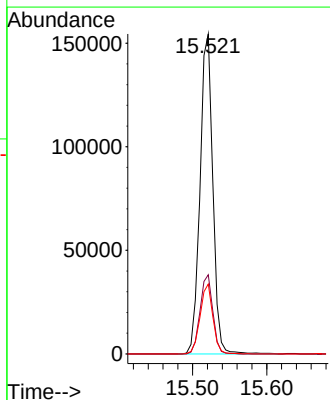
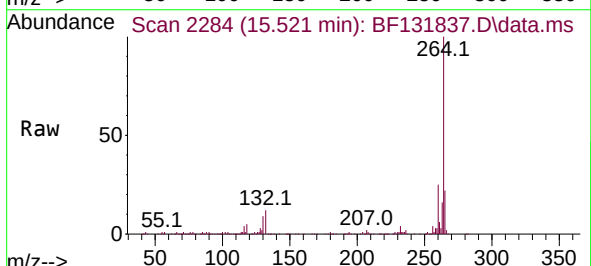
Manual Integrations
APPROVED

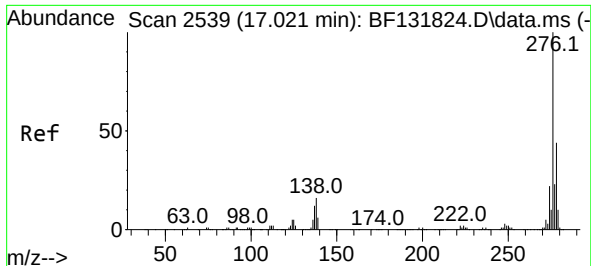
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion:264 Resp: 185087
Ion Ratio Lower Upper
264 100
260 24.7 18.6 28.0
265 21.9 17.4 26.0





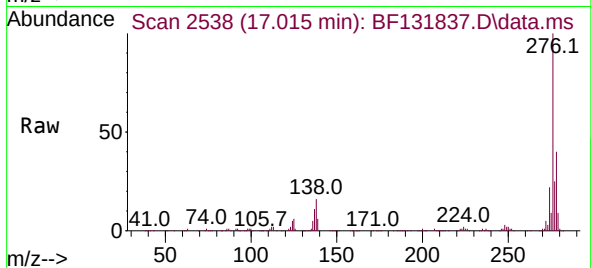
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.163 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

PB149909BS

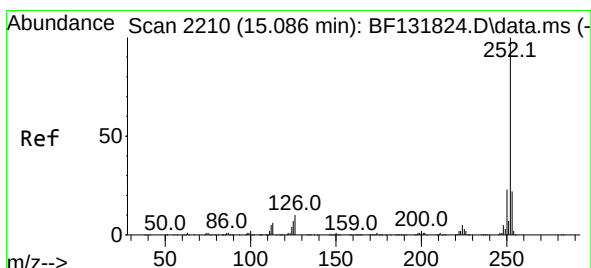
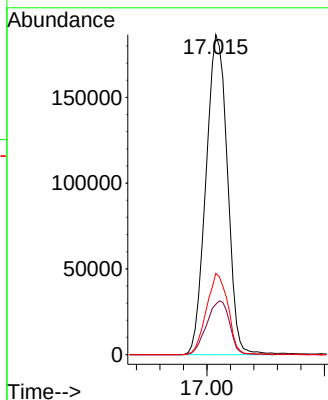
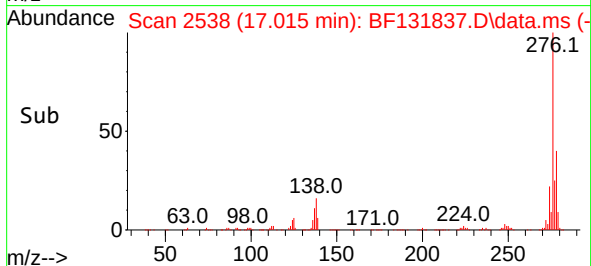


Tgt Ion:276 Resp: 472265
Ion Ratio Lower Upper
276 100
138 18.0 14.5 21.7
277 25.5 19.7 29.5

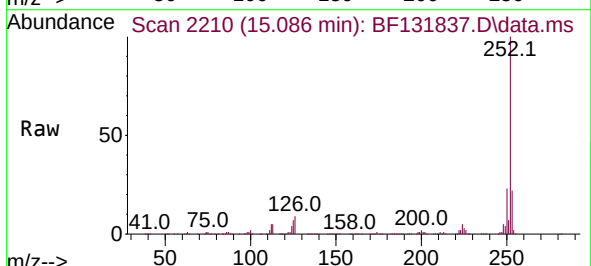
Manual Integrations

APPROVED

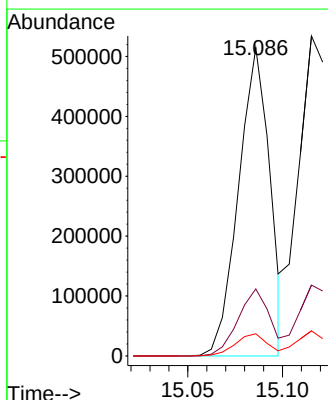
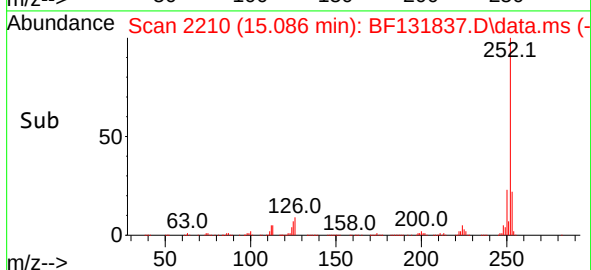
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

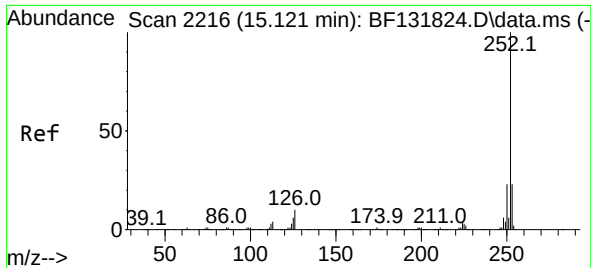


#88
Benzo(b)fluoranthene
Concen: 43.625 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16



Tgt Ion:252 Resp: 592046
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 7.2 5.8 8.8





#89
Benzo(k)fluoranthene
Concen: 45.577 ng
RT: 15.115 min Scan# 2215
Delta R.T. -0.006 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

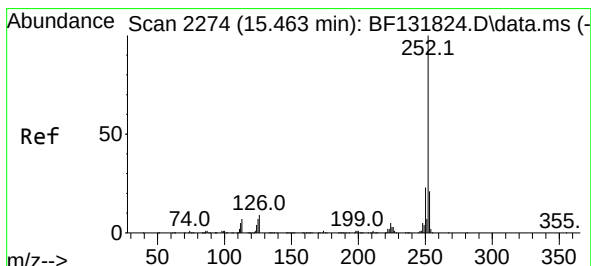
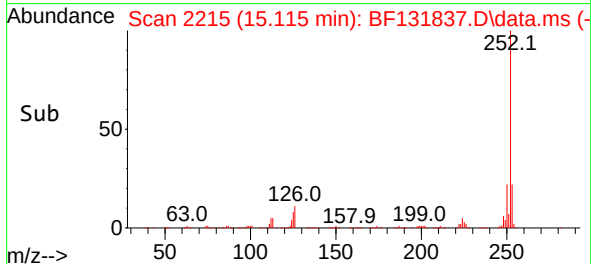
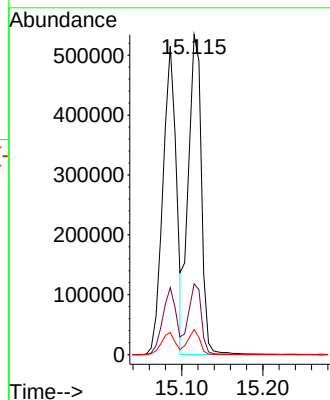
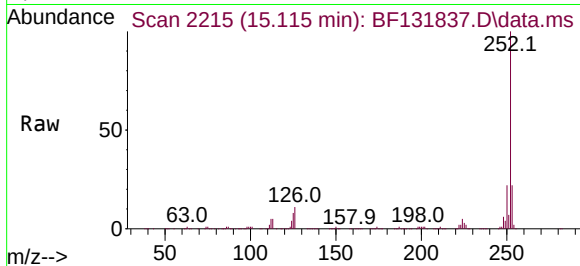
PB149909BS

Tgt Ion:252 Resp: 597636
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 7.8 5.4 8.0

Manual Integrations

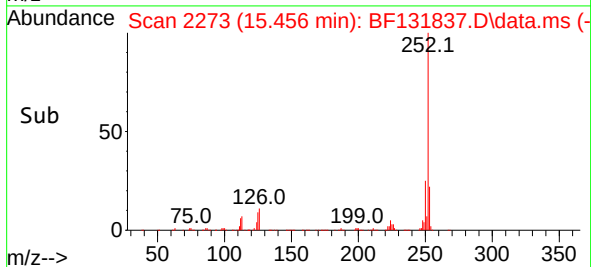
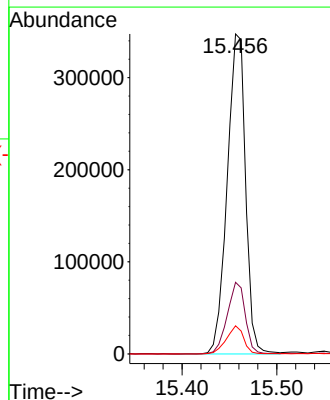
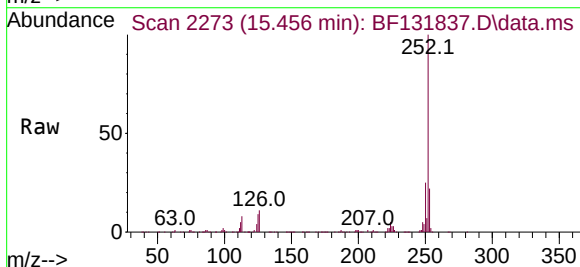
APPROVED

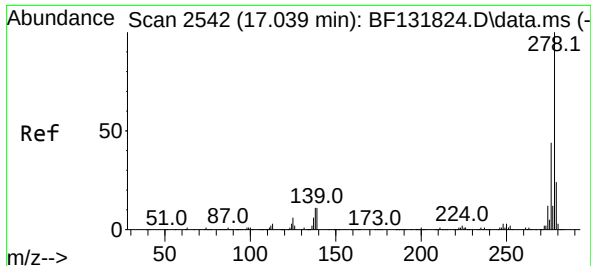
Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022



#90
Benzo(a)pyrene
Concen: 44.525 ng
RT: 15.456 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion:252 Resp: 467828
Ion Ratio Lower Upper
252 100
253 22.4 16.6 24.8
125 8.8 5.8 8.8#





#91
Dibenzo(a,h)anthracene
Concen: 42.538 ng
RT: 17.033 min Scan# 2542
Delta R.T. -0.006 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Instrument :

BNA_F

ClientSampleId :

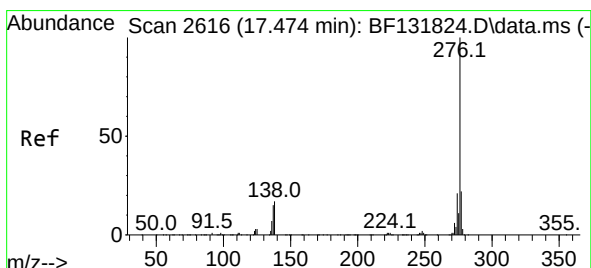
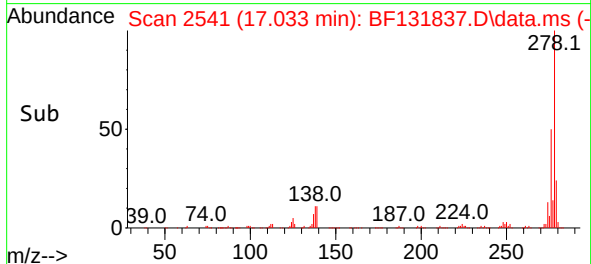
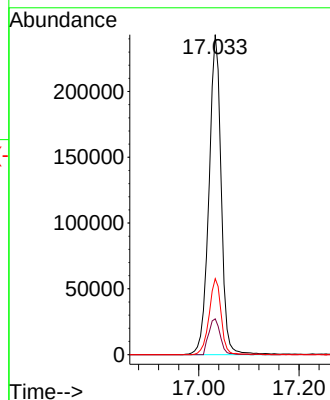
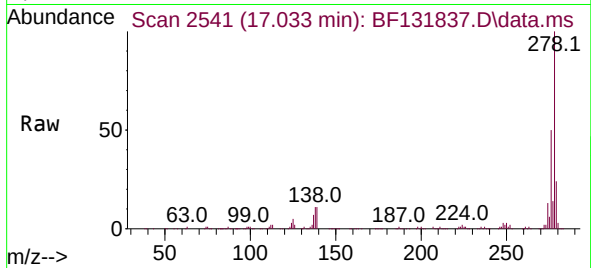
PB149909BS

Tgt Ion:278 Resp: 409718
Ion Ratio Lower Upper
278 100
139 11.2 8.6 12.8
279 23.7 19.0 28.4

Manual Integrations

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



#92
Benzo(g,h,i)perylene
Concen: 37.316 ng
RT: 17.474 min Scan# 2616
Delta R.T. -0.000 min
Lab File: BF131837.D
Acq: 27 Dec 2022 15:16

Tgt Ion:276 Resp: 410173
Ion Ratio Lower Upper
276 100
277 23.0 17.9 26.9
138 15.4 13.7 20.5

