

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130134.D
 Acq On : 06 Sep 2022 13:16
 Operator : CG\JU
 Sample : PB147410BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147410BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/07/2022
 Supervised By : Jagrut Upadhyay 09/07/2022

Quant Time: Sep 07 02:40:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	249466	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	1022816	20.000	ng	0.00
39) Acenaphthene-d10	9.734	164	562641	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	985413	20.000	ng	# 0.00
76) Chrysene-d12	13.839	240	532024	20.000	ng	# 0.00
86) Perylene-d12	15.233	264	461592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1408833	95.873	ng	0.01
7) Phenol-d6	6.334	99	1775175	96.897	ng	0.00
23) Nitrobenzene-d5	7.269	82	1458598	91.647	ng	0.00
42) 2,4,6-Tribromophenol	10.522	330	536466	104.746	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	2800915	82.536	ng	0.00
79) Terphenyl-d14	12.798	244	3058818	99.702	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.452	88	274626	39.990	ng	94
3) Pyridine	3.146	79	736886	40.015	ng	93
4) n-Nitrosodimethylamine	3.105	42	347626	48.001	ng	87
6) Aniline	6.363	93	989777	43.093	ng	# 50
8) 2-Chlorophenol	6.481	128	821285	50.921	ng	100
9) Benzaldehyde	6.246	77	418333	37.307	ng	97
10) Phenol	6.351	94	1026127	49.553	ng	# 69
11) bis(2-Chloroethyl)ether	6.440	93	779489	49.543	ng	100
12) 1,3-Dichlorobenzene	6.640	146	833029	46.591	ng	96
13) 1,4-Dichlorobenzene	6.716	146	848154	47.093	ng	97
14) 1,2-Dichlorobenzene	6.869	146	813451	49.687	ng	98
15) Benzyl Alcohol	6.845	79	669933	54.253	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.981	45	1021282	47.761	ng	# 52
17) 2-Methylphenol	6.957	107	666345	49.105	ng	# 87
18) Hexachloroethane	7.210	117	310330	47.717	ng	96
19) n-Nitroso-di-n-propyla...	7.128	70	532136	48.215	ng	93
20) 3+4-Methylphenols	7.116	107	744270	46.771	ng	# 73
22) Acetophenone	7.116	105	1057462	46.276	ng	# 93
24) Nitrobenzene	7.287	77	789571	46.648	ng	98
25) Isophorone	7.528	82	1622906	50.381	ng	99
26) 2-Nitrophenol	7.598	139	352308	44.578	ng	97
27) 2,4-Dimethylphenol	7.640	122	756639	55.979	ng	98
28) bis(2-Chloroethoxy)met...	7.740	93	1002530	51.810	ng	99
29) 2,4-Dichlorophenol	7.840	162	702960	48.621	ng	99
30) 1,2,4-Trichlorobenzene	7.922	180	684645	44.911	ng	98
31) Naphthalene	8.004	128	2293814	44.466	ng	99
32) Benzoic acid	7.787	122	460071	42.552	ng	98
33) 4-Chloroaniline	8.057	127	667153	32.011	ng	96
34) Hexachlorobutadiene	8.122	225	390342	44.709	ng	99
35) Caprolactam	8.445	113	204900m	45.733	ng	
36) 4-Chloro-3-methylphenol	8.539	107	763128	52.162	ng	97
37) 2-Methylnaphthalene	8.692	142	1538986	46.313	ng	99
38) 1-Methylnaphthalene	8.792	142	1460878	45.229	ng	98
40) 1,2,4,5-Tetrachloroben...	8.857	216	648850	44.225	ng	98
41) Hexachlorocyclopentadiene	8.845	237	817224	106.583	ng	97
43) 2,4,6-Trichlorophenol	8.969	196	499124	47.661	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	521626	45.954	ng	96
46) 1,1'-Biphenyl	9.157	154	1822059	44.575	ng	98
47) 2-Chloronaphthalene	9.181	162	1461414	44.621	ng	99
48) 2-Nitroaniline	9.281	65	420304	52.077	ng	91
49) Acenaphthylene	9.598	152	2235524	44.950	ng	99
50) Dimethylphthalate	9.469	163	1816627	47.403	ng	99
51) 2,6-Dinitrotoluene	9.528	165	381787	51.098	ng	94
52) Acenaphthene	9.769	154	1550499m	49.468	ng	
53) 3-Nitroaniline	9.692	138	327151	38.147	ng	98
54) 2,4-Dinitrophenol	9.798	184	341021	98.455	ng	96
55) Dibenzofuran	9.939	168	2025750	45.135	ng	97
56) 4-Nitrophenol	9.863	139	706944	106.922	ng	90
57) 2,4-Dinitrotoluene	9.928	165	498148	57.908	ng	93
58) Fluorene	10.281	166	1499021	43.895	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.057	232	411982	46.730	ng	# 77
60) Diethylphthalate	10.169	149	1747023	47.122	ng	99
61) 4-Chlorophenyl-phenyle...	10.275	204	695472	46.069	ng	99
62) 4-Nitroaniline	10.316	138	442570	53.062	ng	96
63) Azobenzene	10.433	77	1660528	45.490	ng	97
65) 4,6-Dinitro-2-methylph...	10.333	198	215966	46.736	ng	96
66) n-Nitrosodiphenylamine	10.398	169	1487406	45.153	ng	99
67) 4-Bromophenyl-phenylether	10.763	248	504505	46.028	ng	97
68) Hexachlorobenzene	10.822	284	553861	46.375	ng	95
69) Atrazine	10.933	200	496790	53.308	ng	99
70) Pentachlorophenol	11.016	266	626514	93.811	ng	97
71) Phenanthrene	11.239	178	2290801	42.866	ng	98
72) Anthracene	11.292	178	2305443	43.884	ng	98
73) Carbazole	11.445	167	2237338	46.184	ng	99
74) Di-n-butylphthalate	11.780	149	2610811	44.693	ng	99
75) Fluoranthene	12.422	202	2359557	44.526	ng	97
77) Benzidine	12.551	184	1221042	85.006	ng	100
78) Pyrene	12.651	202	2360752	49.471	ng	99
80) Butylbenzylphthalate	13.274	149	935628	49.294	ng	99
81) Benzo(a)anthracene	13.827	228	1641207	45.014	ng	99
82) 3,3'-Dichlorobenzidine	13.798	252	351892	30.949	ng	100
83) Chrysene	13.869	228	1624564	45.194	ng	100
84) Bis(2-ethylhexyl)phtha...	13.833	149	963555	40.841	ng	99
85) Di-n-octyl phthalate	14.439	149	1539388	41.306	ng	99
87) Indeno(1,2,3-cd)pyrene	16.580	276	1560091	51.237	ng	96
88) Benzo(b)fluoranthene	14.839	252	1526005	49.574	ng	98
89) Benzo(k)fluoranthene	14.874	252	1329540	44.659	ng	98
90) Benzo(a)pyrene	15.180	252	1245827	50.934	ng	98
91) Dibenzo(a,h)anthracene	16.604	278	1328858	53.336	ng	# 96
92) Benzo(g,h,i)perylene	16.992	276	1379593	55.344	ng	# 94

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

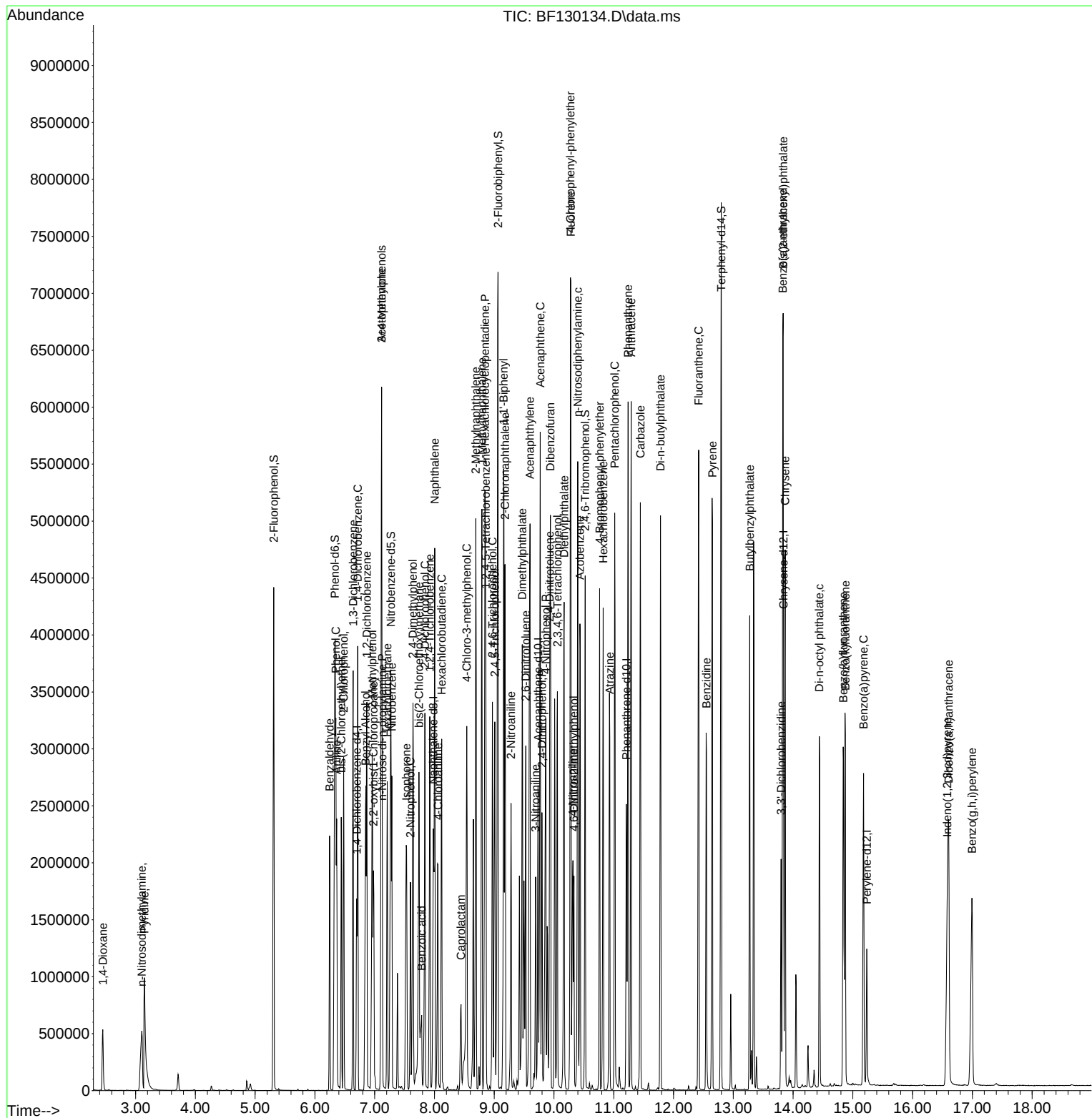
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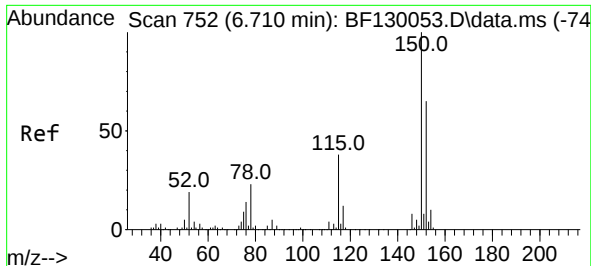
Instrument :
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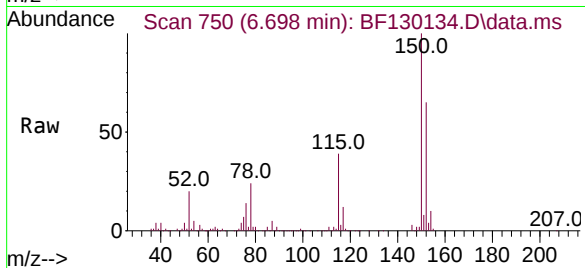
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130134.D
 Acq: 06 Sep 2022 13:16

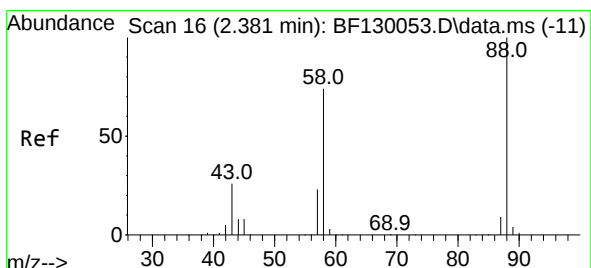
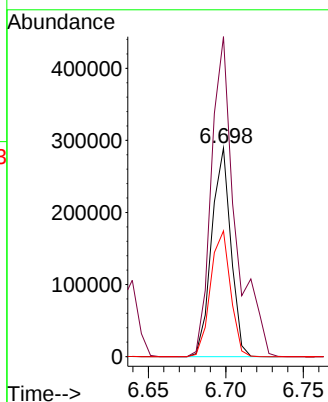
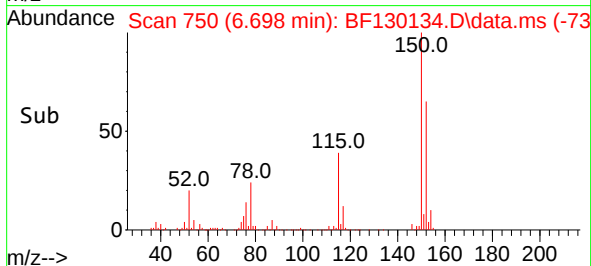
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Tgt Ion:152 Resp: 249466
 Ion Ratio Lower Upper
 152 100
 150 153.4 126.9 190.3
 115 60.3 53.4 80.0

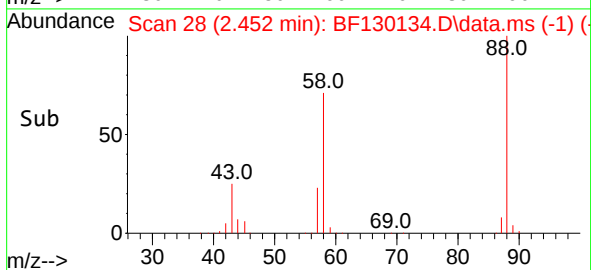
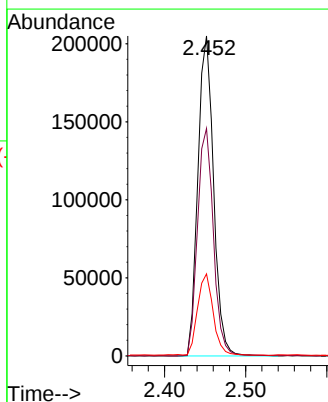
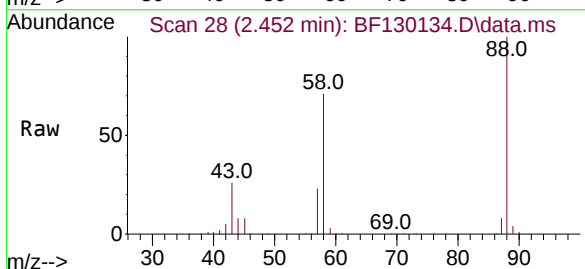
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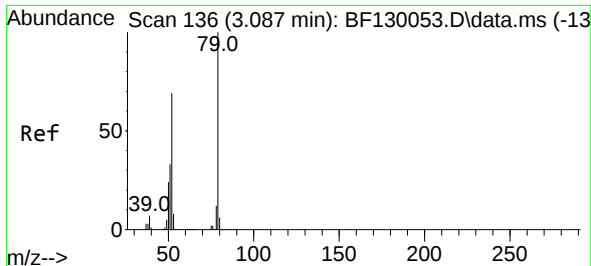
Reviewed By :Christian Giraldo 09/07/2022
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#2
 1,4-Dioxane
 Concen: 39.990 ng
 RT: 2.452 min Scan# 28
 Delta R.T. 0.112 min
 Lab File: BF130134.D
 Acq: 06 Sep 2022 13:16

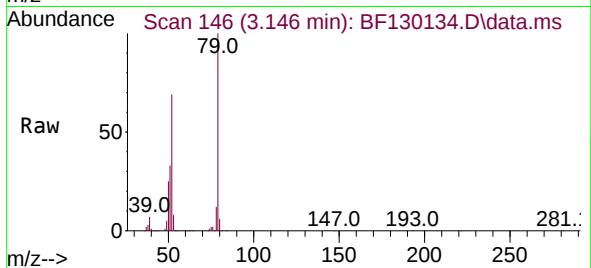
Tgt Ion: 88 Resp: 274626
 Ion Ratio Lower Upper
 88 100
 58 72.0 60.9 91.3
 43 25.3 23.6 35.4





#3
Pyridine
Concen: 40.015 ng
RT: 3.146 min Scan# 14
Delta R.T. 0.106 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

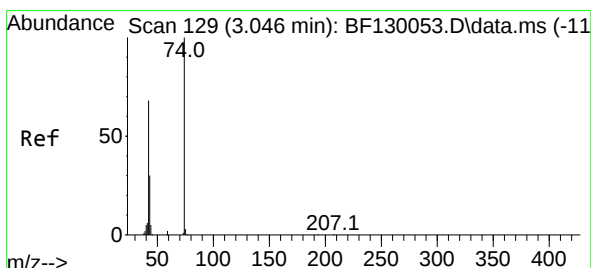
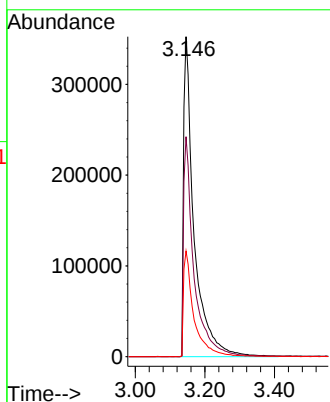
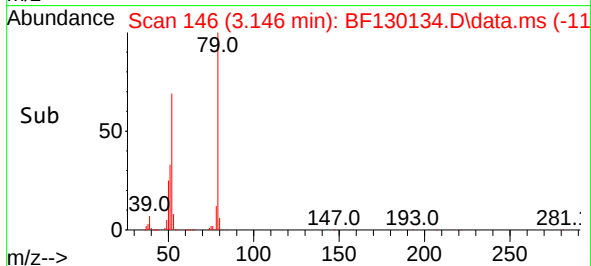
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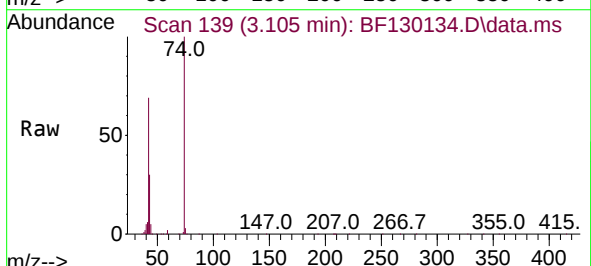
Tgt Ion: 79 Resp: 736886
Ion Ratio Lower Upper
79 100
52 68.7 59.4 89.2
51 33.0 29.5 44.3

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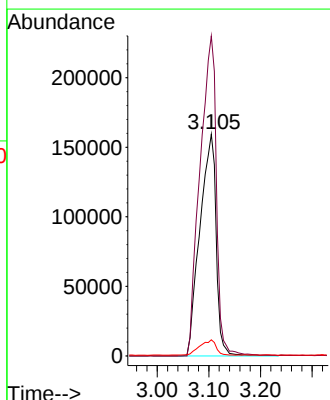
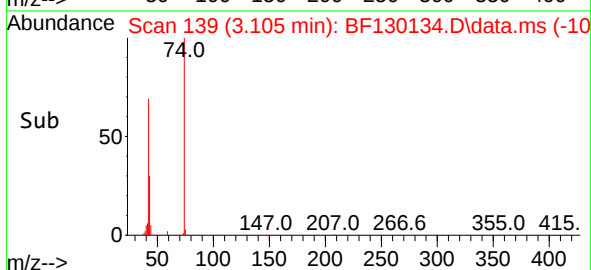
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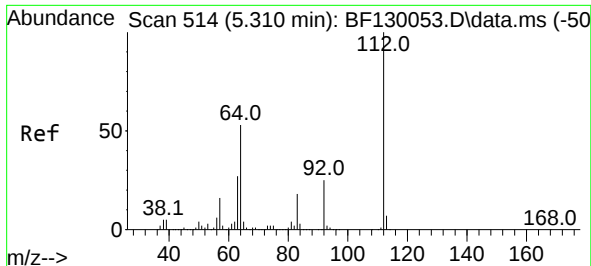


#4
n-Nitrosodimethylamine
Concen: 48.001 ng
RT: 3.105 min Scan# 139
Delta R.T. 0.106 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16



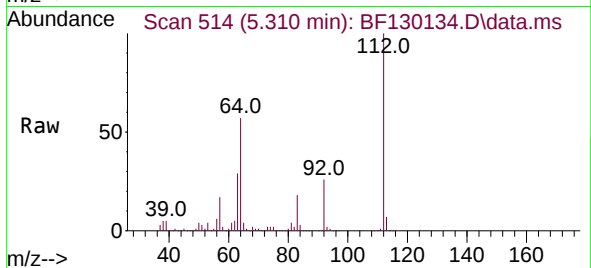
Tgt Ion: 42 Resp: 347626
Ion Ratio Lower Upper
42 100
74 144.4 103.1 154.7
44 7.3 5.4 8.2





#5
2-Fluorophenol
Concen: 95.873 ng
RT: 5.310 min Scan# 514
Delta R.T. 0.012 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

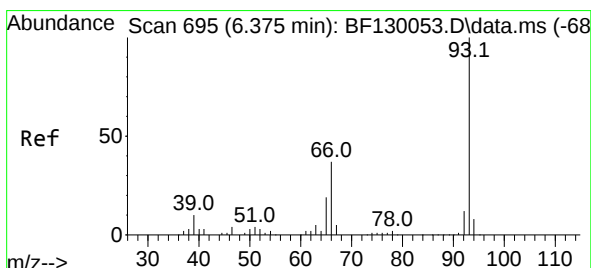
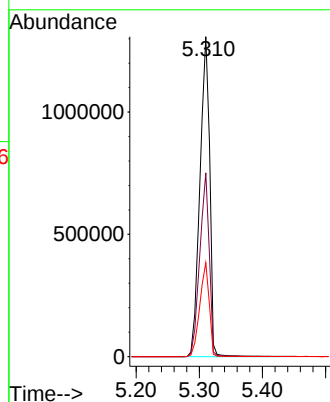
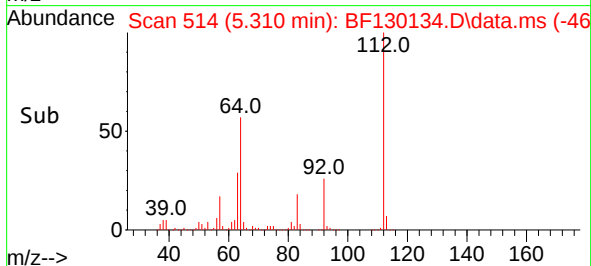
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Tgt Ion:112 Resp: 1408833
Ion Ratio Lower Upper
112 100
64 57.4 47.6 71.4
63 29.3 24.6 37.0

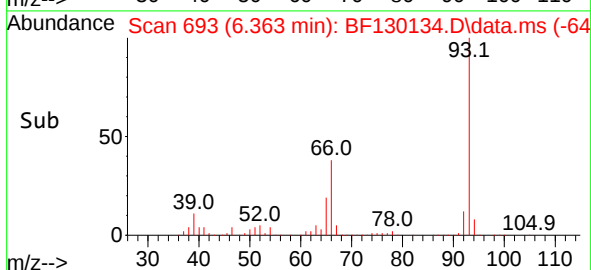
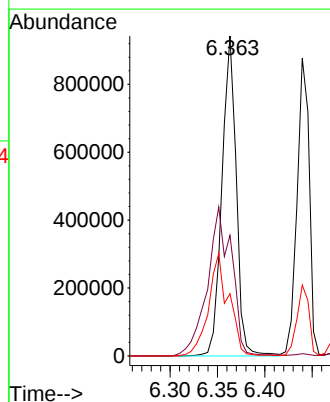
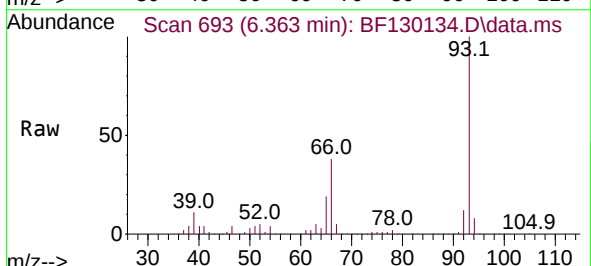
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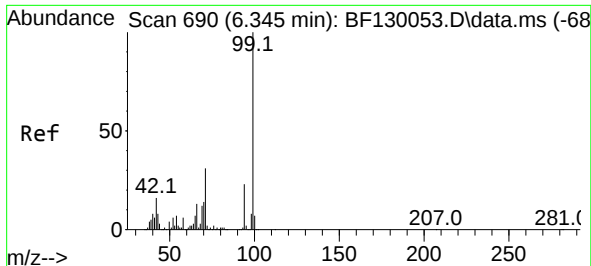
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#6
Aniline
Concen: 43.093 ng
RT: 6.363 min Scan# 693
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

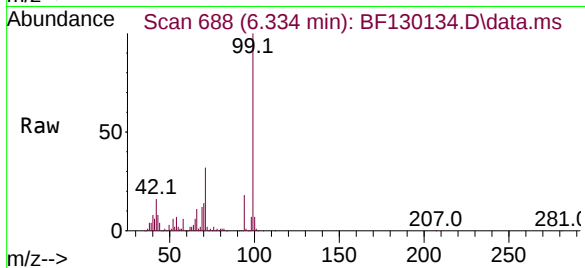
Tgt Ion: 93 Resp: 989777
Ion Ratio Lower Upper
93 100
66 37.7 68.7 103.1#
65 19.4 41.6 62.4#





#7
Phenol-d6
Concen: 96.897 ng
RT: 6.334 min Scan# 688
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

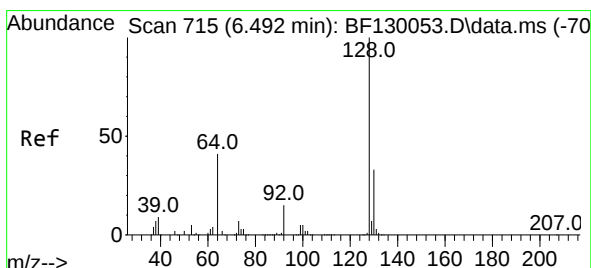
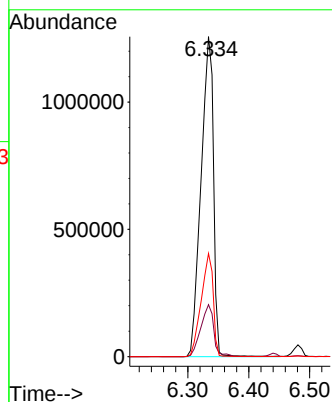
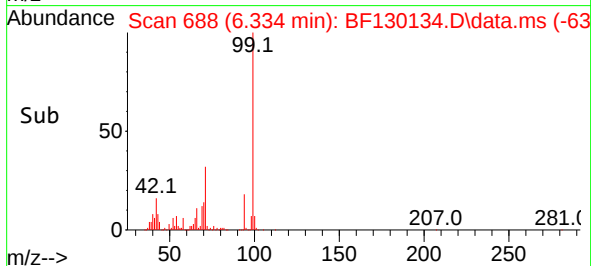
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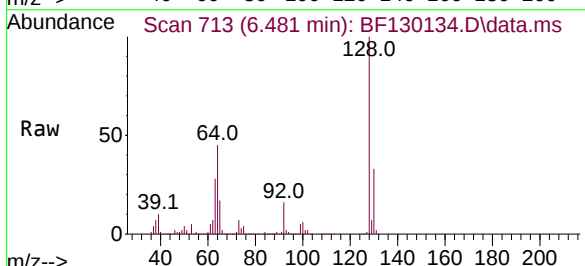
Tgt Ion: 99 Resp: 1775175
Ion Ratio Lower Upper
99 100
42 16.2 15.0 22.4
71 32.3 28.8 43.2

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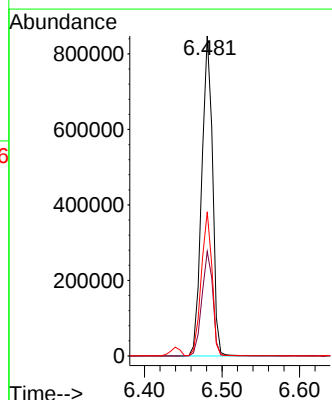
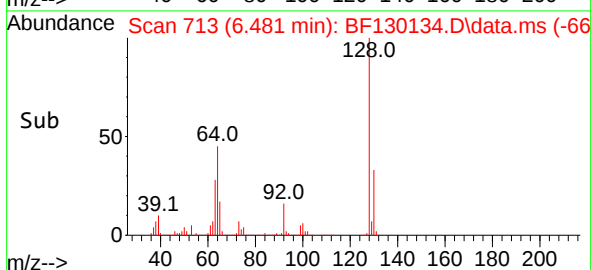
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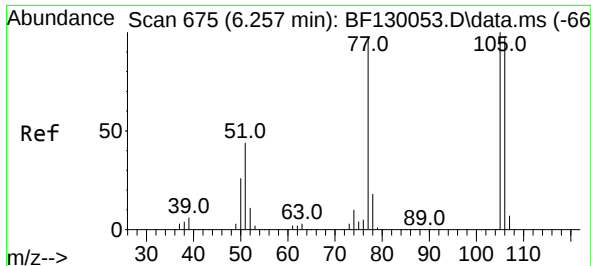


#8
2-Chlorophenol
Concen: 50.921 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16



Tgt Ion:128 Resp: 821285
Ion Ratio Lower Upper
128 100
130 32.6 12.5 52.5
64 45.0 24.9 64.9





#9
Benzaldehyde
Concen: 37.307 ng
RT: 6.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

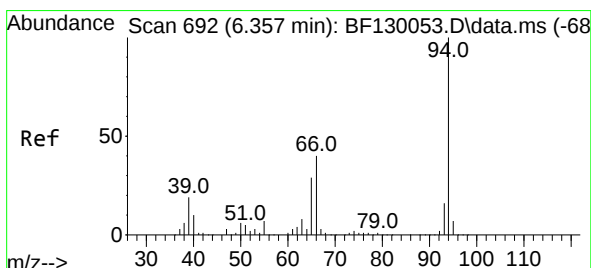
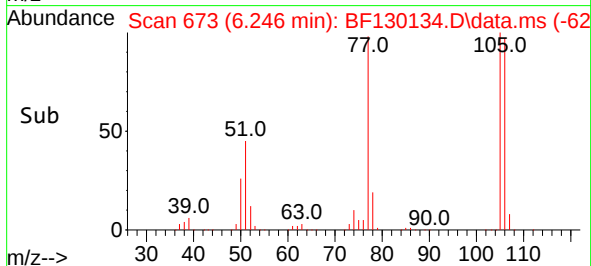
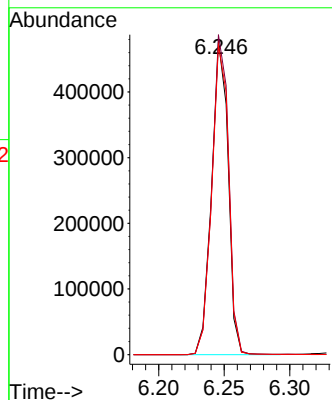
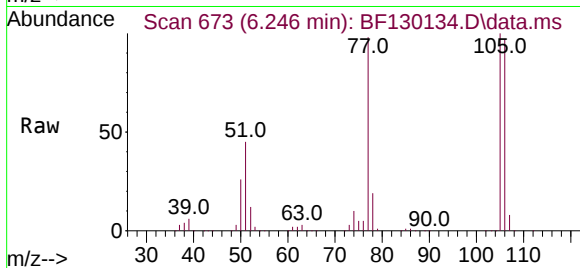
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Tgt Ion: 77 Resp: 41833
Ion Ratio Lower Upper
77 100
105 102.2 80.3 120.3
106 98.8 74.3 114.3

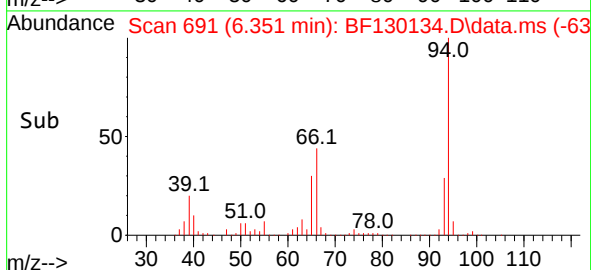
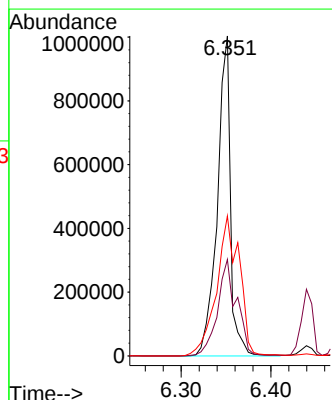
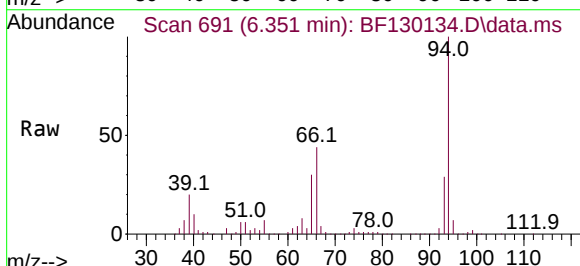
Manual Integrations
APPROVED

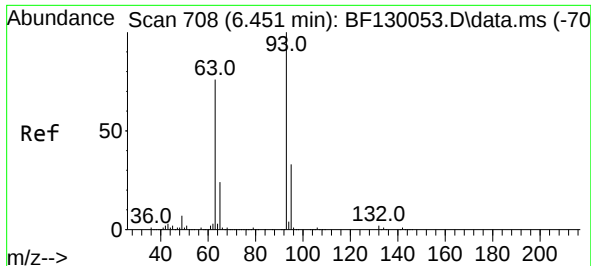
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#10
Phenol
Concen: 49.553 ng
RT: 6.351 min Scan# 691
Delta R.T. 0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Tgt Ion: 94 Resp: 1026127
Ion Ratio Lower Upper
94 100
65 30.1 24.9 64.9
66 43.7 54.2 94.2#





#11

bis(2-Chloroethyl)ether

Concen: 49.543 ng

RT: 6.440 min Scan# 708

Delta R.T. -0.006 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS

Tgt Ion: 93 Resp: 779489

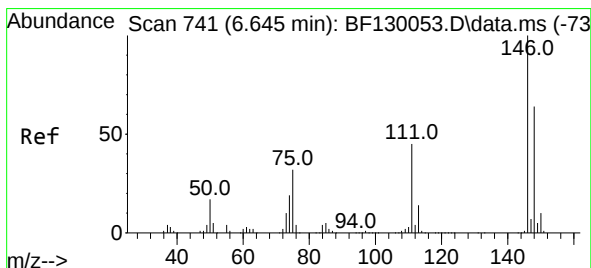
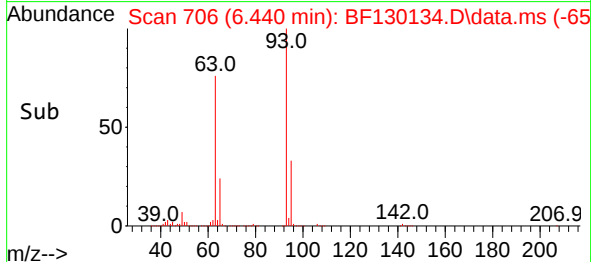
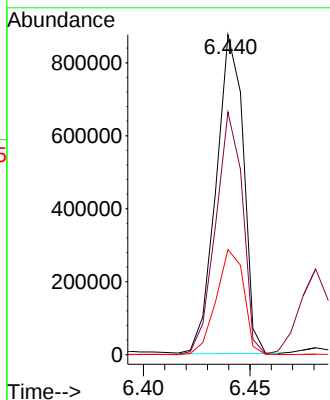
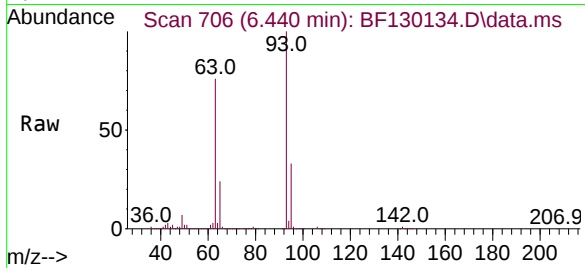
Ion	Ratio	Lower	Upper
93	100		
63	75.8	55.9	95.9
95	32.8	12.3	52.3

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#12

1,3-Dichlorobenzene

Concen: 46.591 ng

RT: 6.640 min Scan# 740

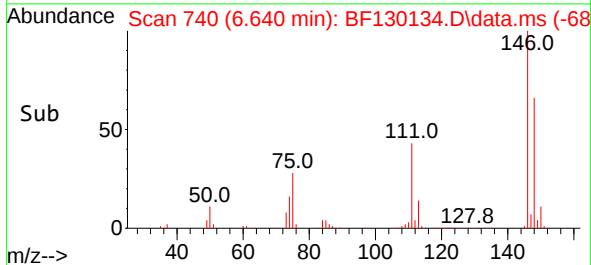
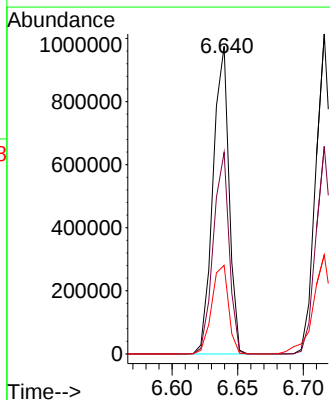
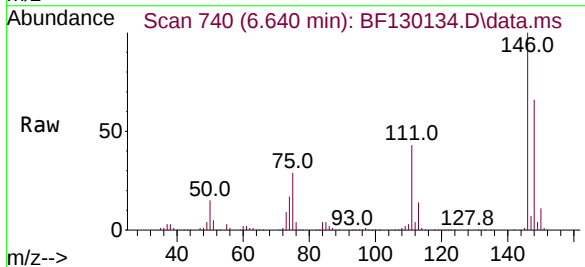
Delta R.T. 0.000 min

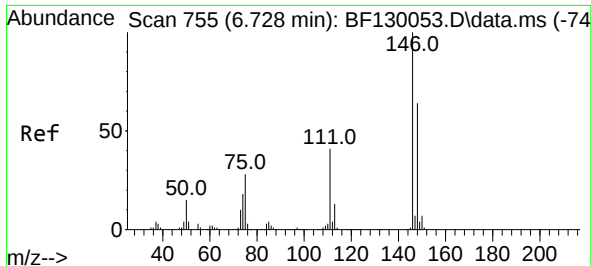
Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Tgt Ion:146 Resp: 833029

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.2	76.8
75	28.8	26.5	39.7





#13

1,4-Dichlorobenzene

Concen: 47.093 ng

RT: 6.716 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

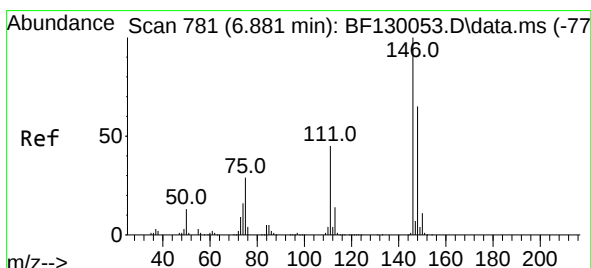
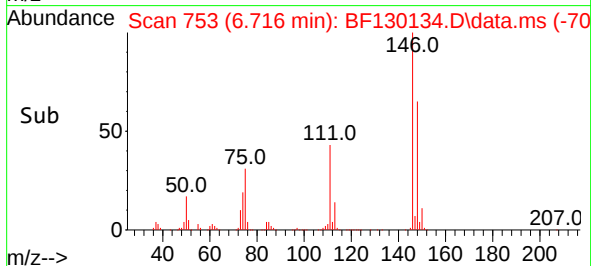
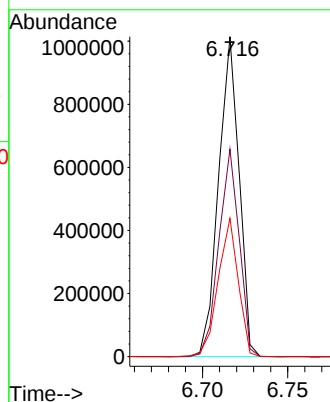
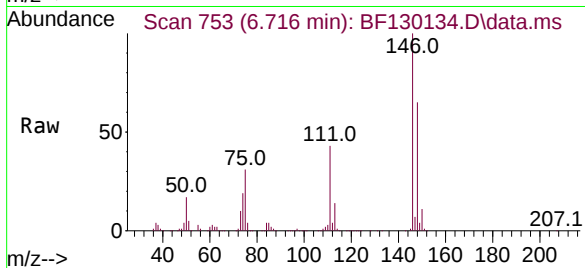
PB147410BS

Tgt Ion:146 Resp: 848154
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 75.8
 111 43.2 36.2 54.4

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022
 Supervised By :Jagrut Upadhyay 09/07/2022



#14

1,2-Dichlorobenzene

Concen: 49.687 ng

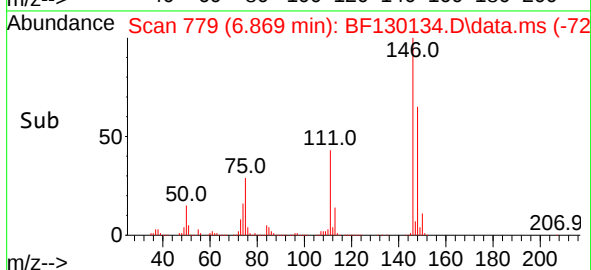
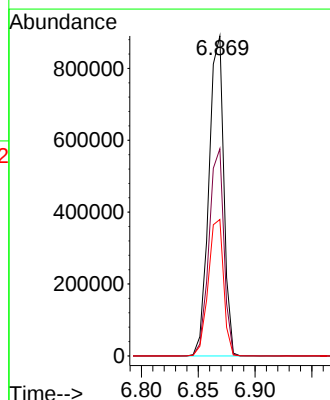
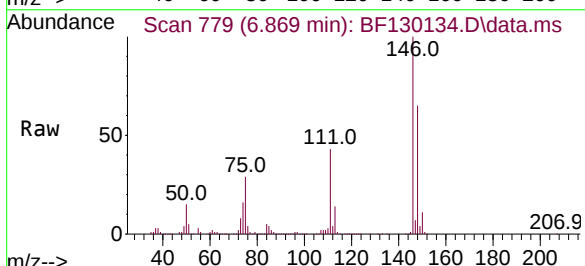
RT: 6.869 min Scan# 779

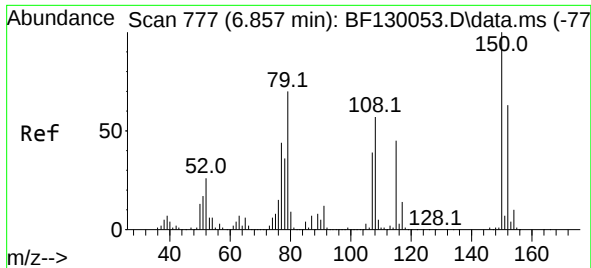
Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Tgt Ion:146 Resp: 813451
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.6
 111 42.6 37.2 55.8





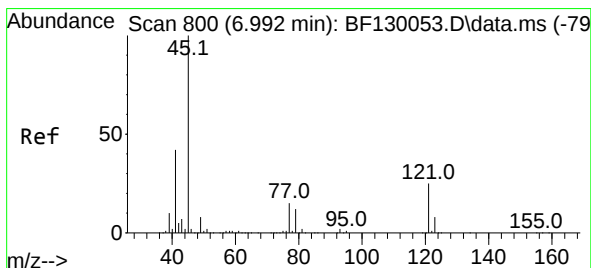
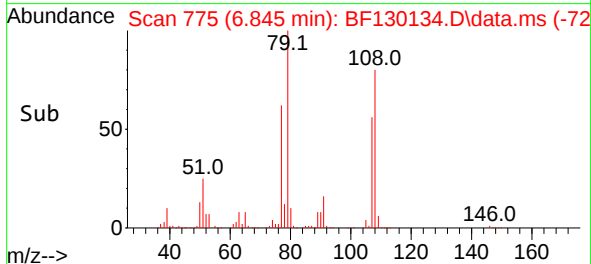
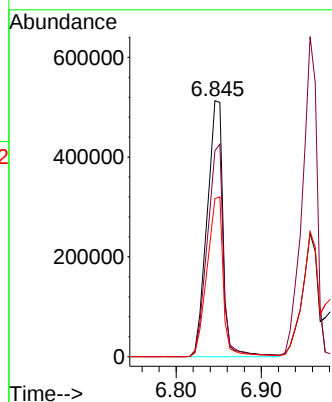
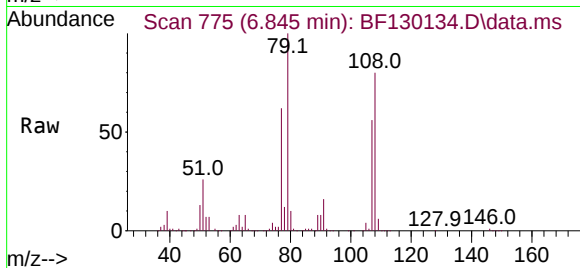
#15
Benzyl Alcohol
Concen: 54.253 ng
RT: 6.845 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Instrument :
BNA_F
ClientSampleId :
PB147410BS

Tgt Ion: 79 Resp: 669933
Ion Ratio Lower Upper
79 100
108 80.4 59.2 88.8
77 61.7 51.9 77.9

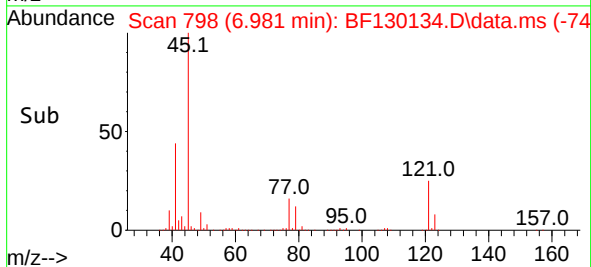
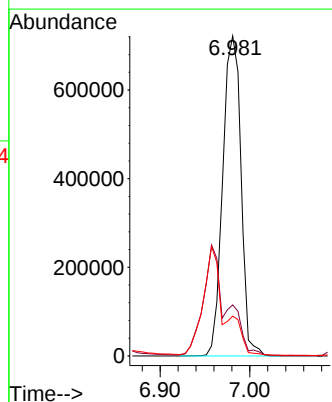
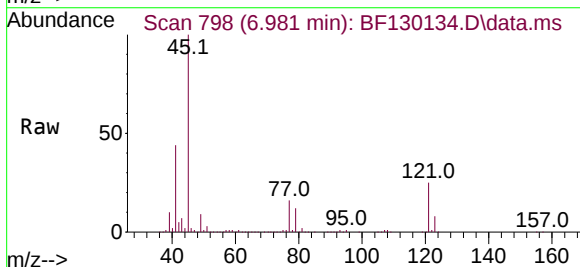
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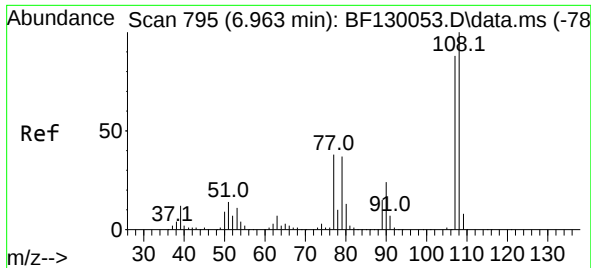
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.761 ng
RT: 6.981 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

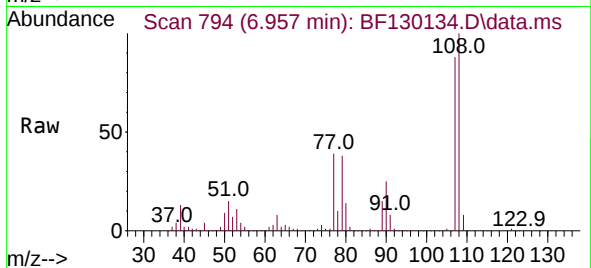
Tgt Ion: 45 Resp: 1021282
Ion Ratio Lower Upper
45 100
77 15.9 27.4 67.4#
79 12.4 24.4 64.4#





#17
2-Methylphenol
Concen: 49.105 ng
RT: 6.957 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

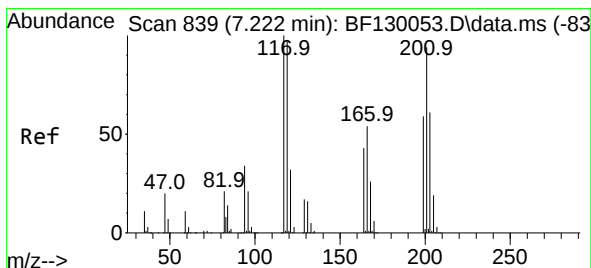
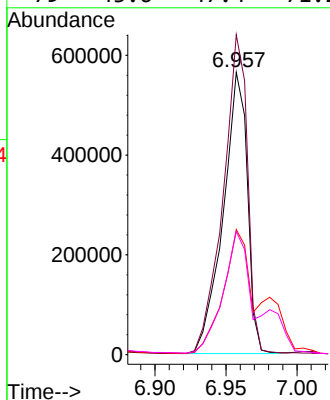
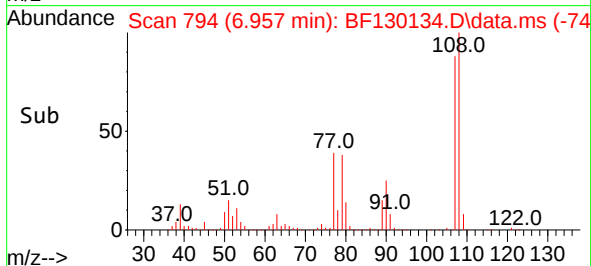
Instrument :
BNA_F
ClientSampleId :
PB147410BS



Tgt Ion:107 Resp: 666345
Ion Ratio Lower Upper
107 100
108 113.3 90.2 135.2
77 44.3 51.8 77.8
79 43.6 47.4 71.2#

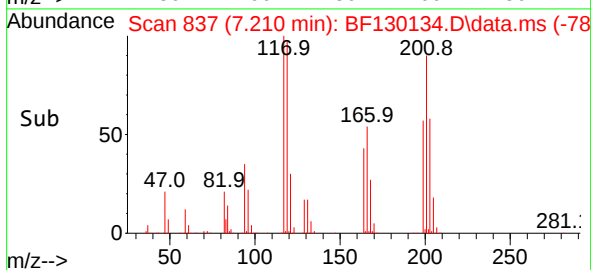
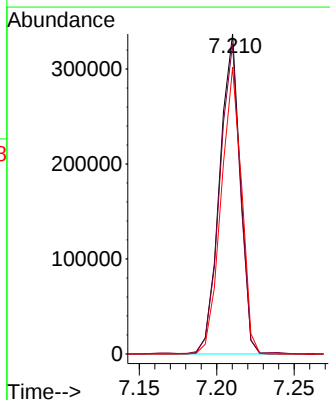
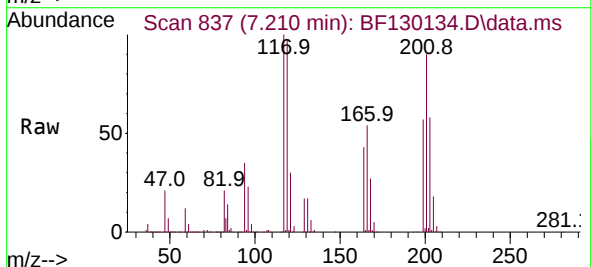
Manual Integrations
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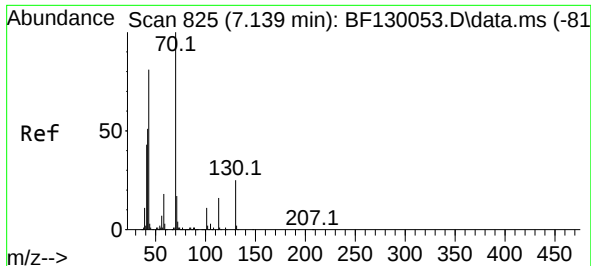
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#18
Hexachloroethane
Concen: 47.717 ng
RT: 7.210 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Tgt Ion:117 Resp: 310330
Ion Ratio Lower Upper
117 100
119 97.0 79.1 118.7
201 89.5 66.6 100.0





#19

n-Nitroso-di-n-propylamine

Concen: 48.215 ng

RT: 7.128 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS

Tgt Ion: 70 Resp: 532136

Ion Ratio Lower Upper

70 100

42 52.2 47.6 71.4

101 10.2 8.1 12.1

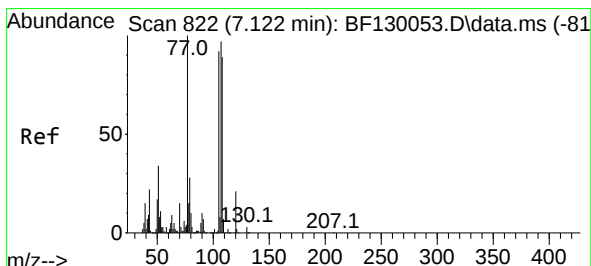
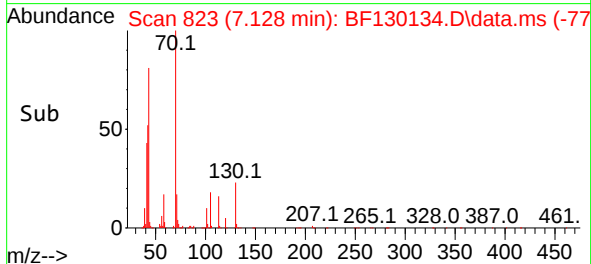
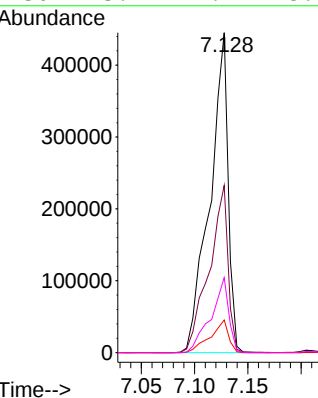
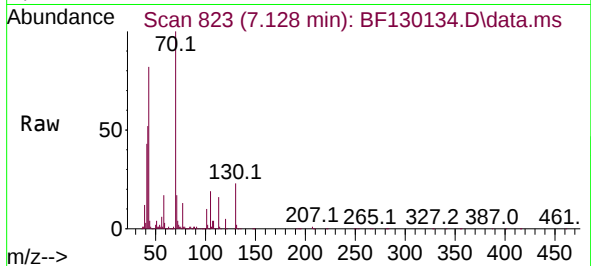
130 23.4 17.2 25.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#20

3+4-Methylphenols

Concen: 46.771 ng

RT: 7.116 min Scan# 821

Delta R.T. 0.006 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Tgt Ion:107 Resp: 744270

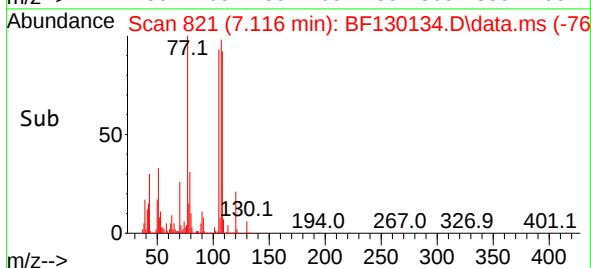
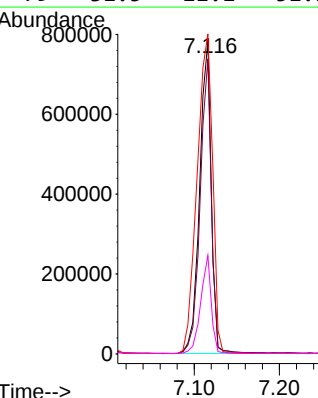
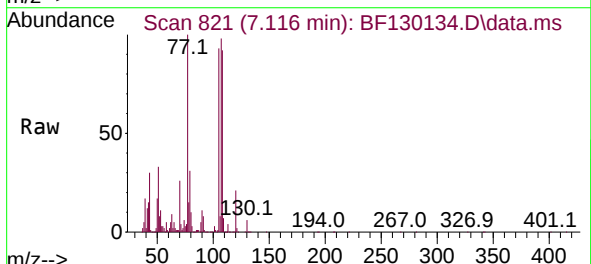
Ion Ratio Lower Upper

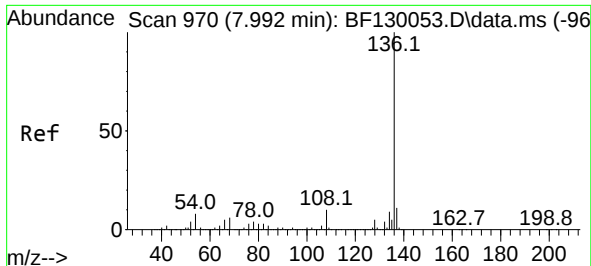
107 100

108 94.4 71.3 111.3

77 102.4 20.4 60.4#

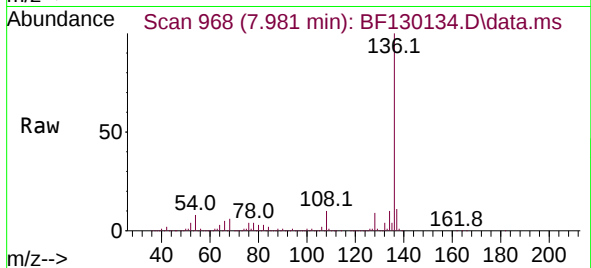
79 31.5 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

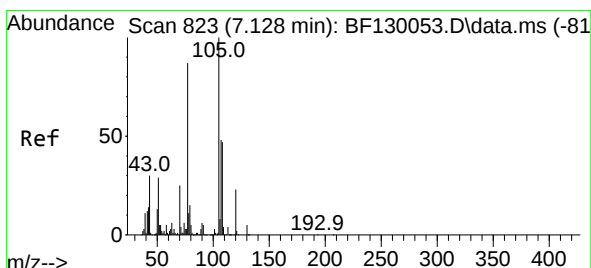
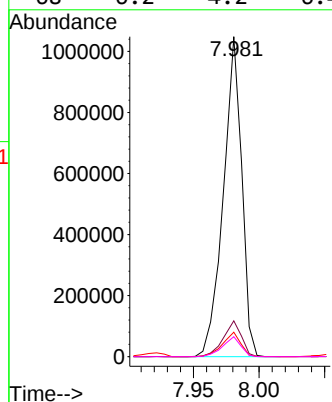
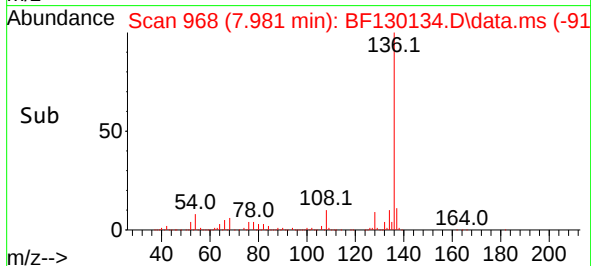
Instrument :
BNA_F
ClientSampleId :
PB147410BS



Tgt Ion:136 Resp: 1022816
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.6 6.2 9.2
68 6.2 4.2 6.4

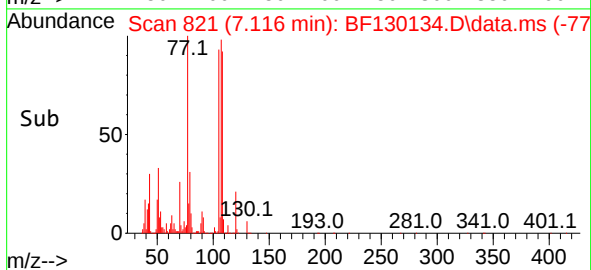
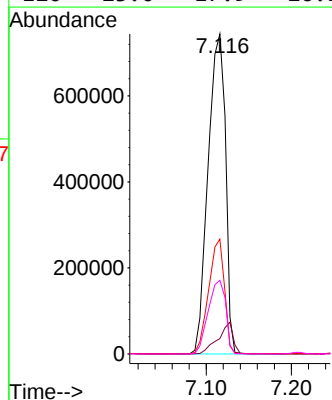
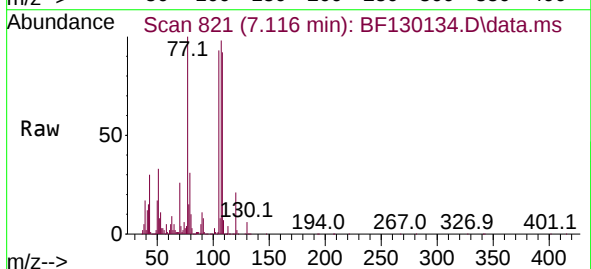
Manual Integrations
APPROVED

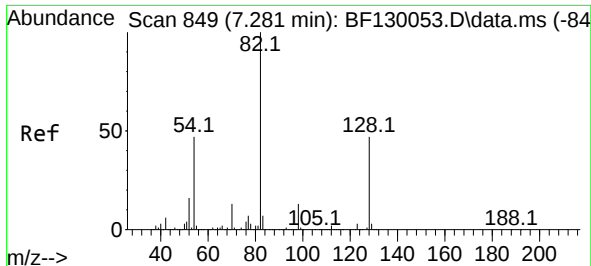
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#22
Acetophenone
Concen: 46.276 ng
RT: 7.116 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Tgt Ion:105 Resp: 1057462
Ion Ratio Lower Upper
105 100
71 4.8 6.6 9.8#
51 35.9 23.8 35.8#
120 23.0 17.9 26.9





#23

Nitrobenzene-d5

Concen: 91.647 ng

RT: 7.269 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS

Tgt Ion: 82 Resp: 1458598

Ion Ratio Lower Upper

82 100

128 44.6 36.1 54.1

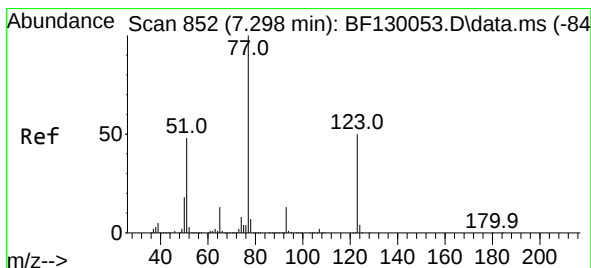
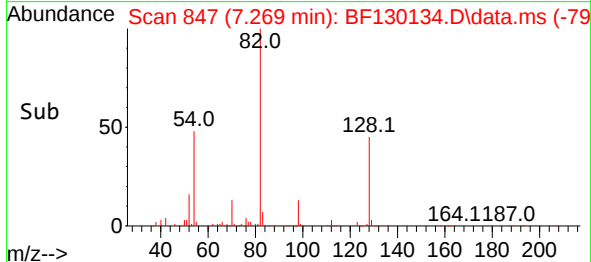
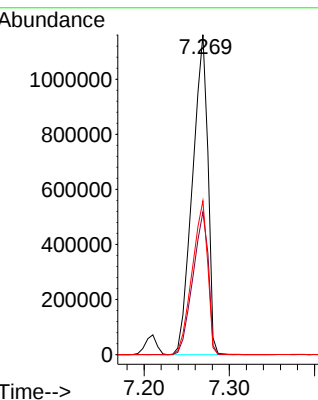
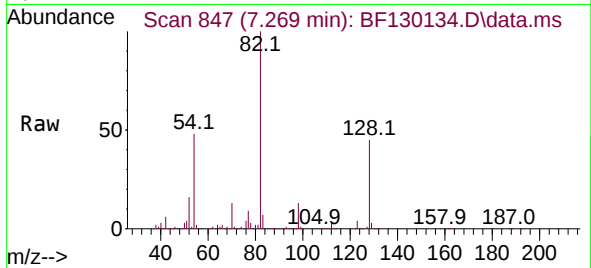
54 48.1 40.0 60.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#24

Nitrobenzene

Concen: 46.648 ng

RT: 7.287 min Scan# 850

Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

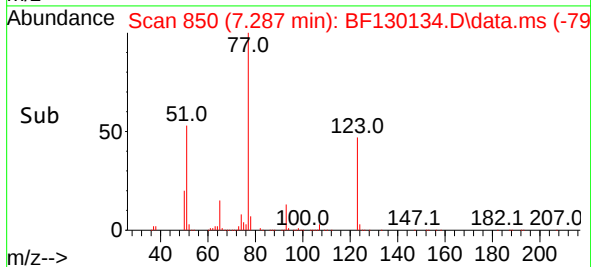
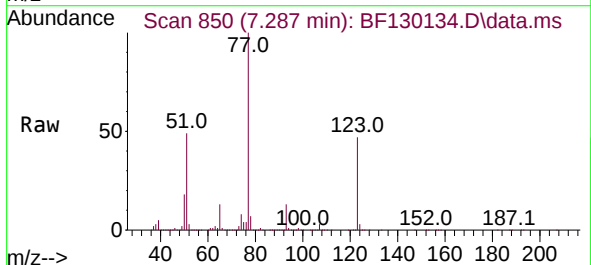
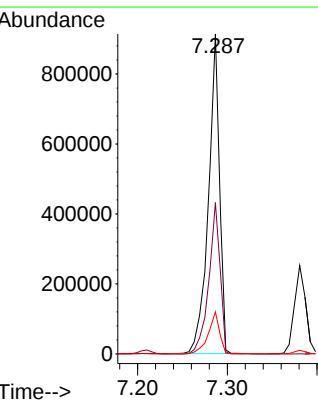
Tgt Ion: 77 Resp: 789571

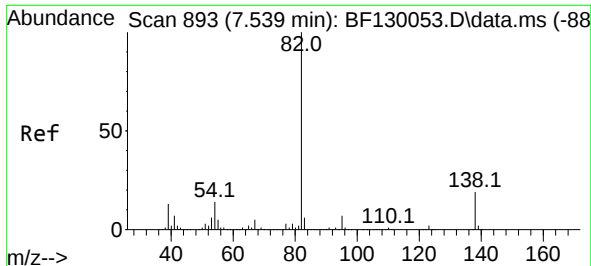
Ion Ratio Lower Upper

77 100

123 47.3 39.2 58.8

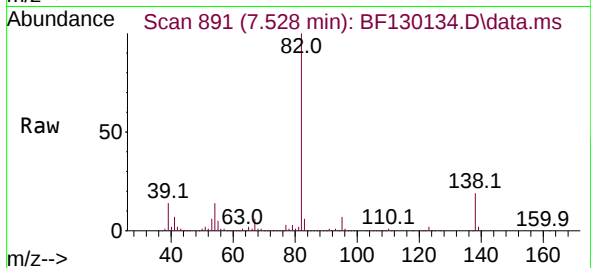
65 13.1 11.1 16.7





#25
Isophorone
Concen: 50.381 ng
RT: 7.528 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

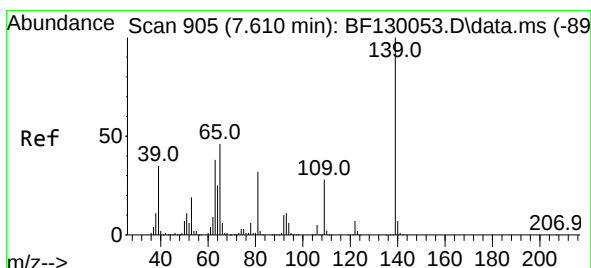
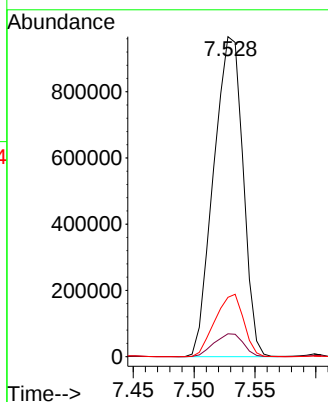
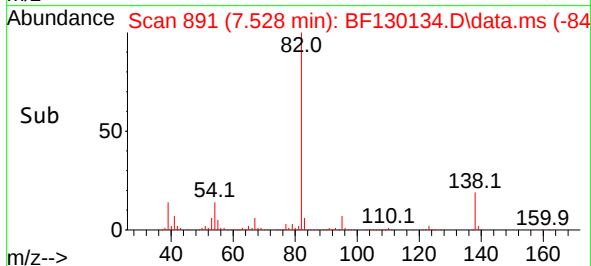
Instrument :
BNA_F
ClientSampleId :
PB147410BS



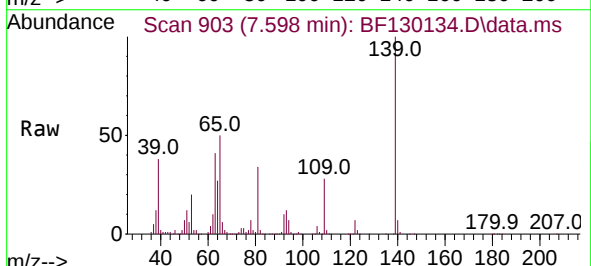
Tgt Ion: 82 Resp: 1622906
Ion Ratio Lower Upper
82 100
95 7.1 5.9 8.9
138 18.5 14.6 21.8

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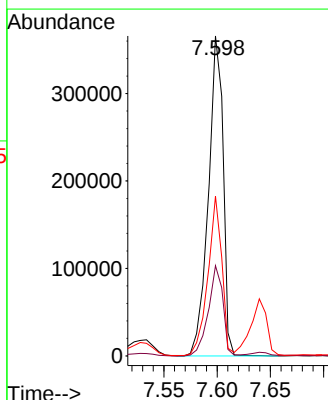
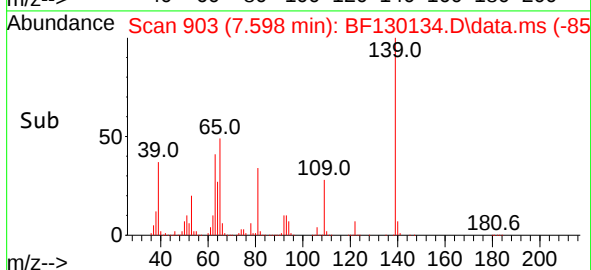
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

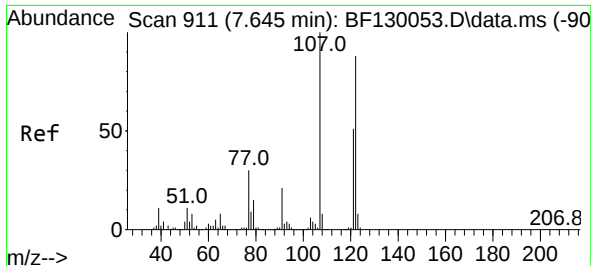


#26
2-Nitrophenol
Concen: 44.578 ng
RT: 7.598 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16



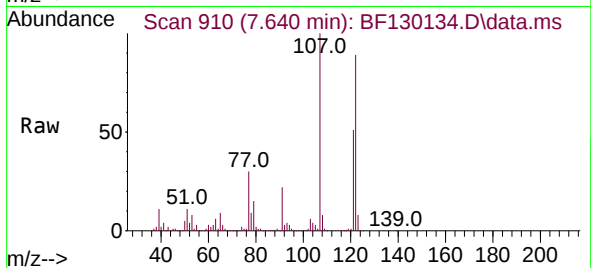
Tgt Ion:139 Resp: 352308
Ion Ratio Lower Upper
139 100
109 28.2 24.4 36.6
65 49.9 40.9 61.3





#27
2,4-Dimethylphenol
Concen: 55.979 ng
RT: 7.640 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

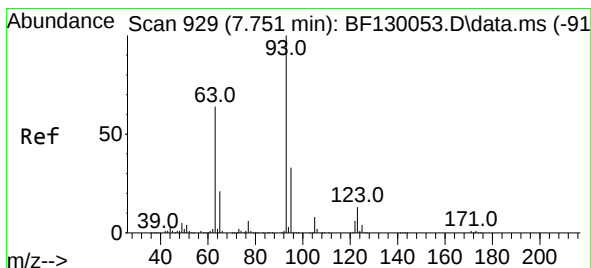
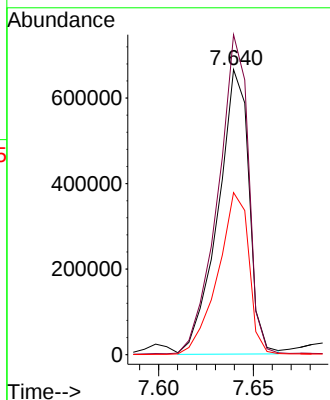
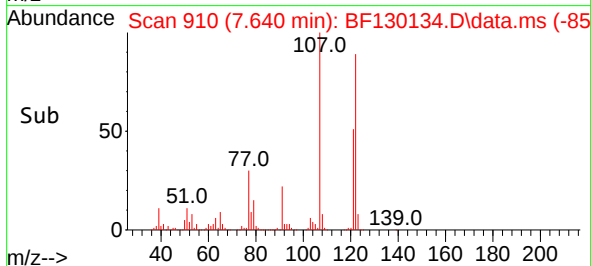
Instrument :
BNA_F
ClientSampleId :
PB147410BS



Tgt Ion: 122 Resp: 756639
Ion Ratio Lower Upper
122 100
107 112.3 92.2 138.4
121 56.9 46.1 69.1

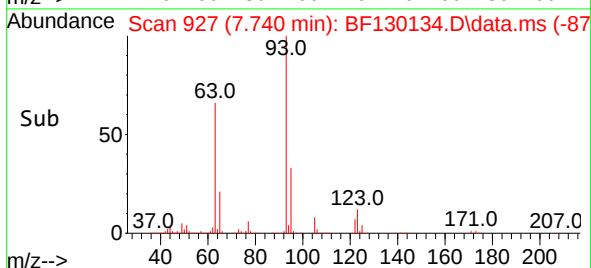
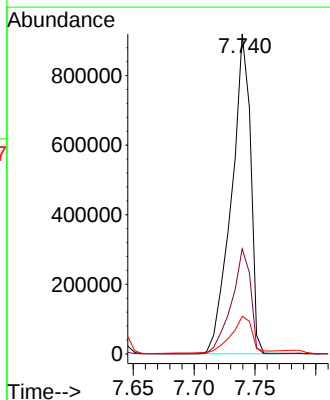
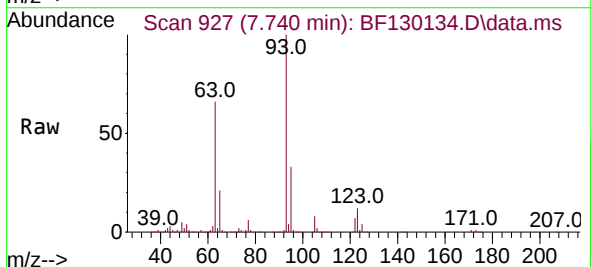
Manual Integrations
APPROVED

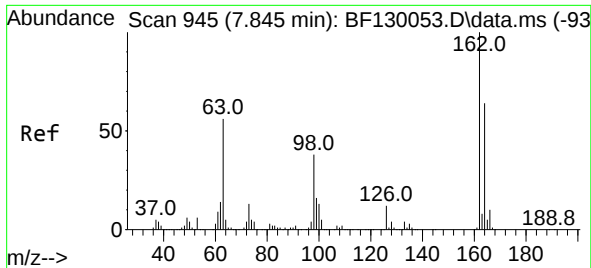
Reviewed By : Christian Giraldo 09/07/2022
Supervised By : Jagrut Upadhyay 09/07/2022



#28
bis(2-Chloroethoxy)methane
Concen: 51.810 ng
RT: 7.740 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Tgt Ion: 93 Resp: 1002530
Ion Ratio Lower Upper
93 100
95 32.8 25.6 38.4
123 11.7 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 48.621 ng

RT: 7.840 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS

Tgt Ion:162 Resp: 702960

Ion Ratio Lower Upper

162 100

164 63.1 43.7 83.7

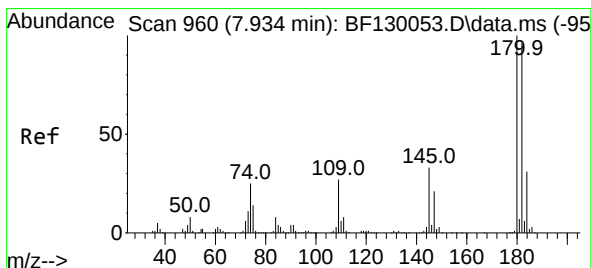
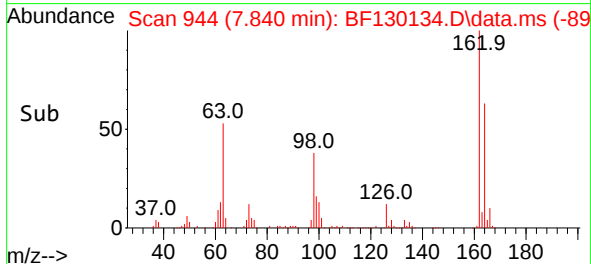
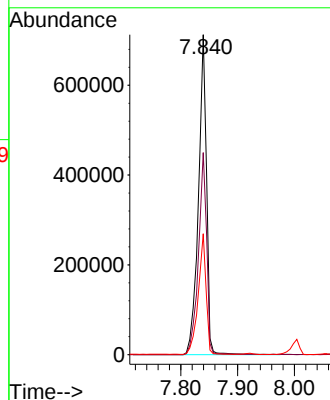
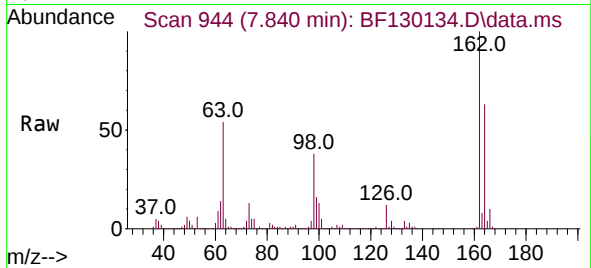
98 37.8 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.911 ng

RT: 7.922 min Scan# 958

Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

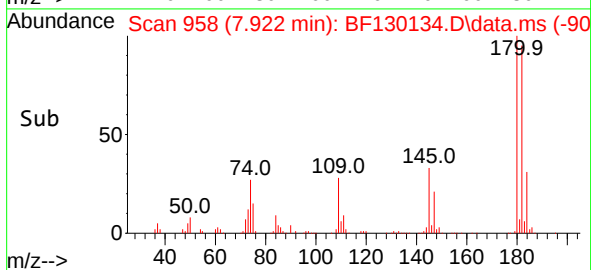
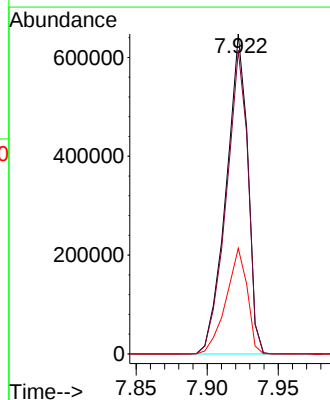
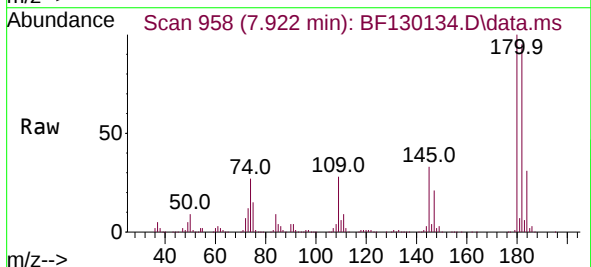
Tgt Ion:180 Resp: 684645

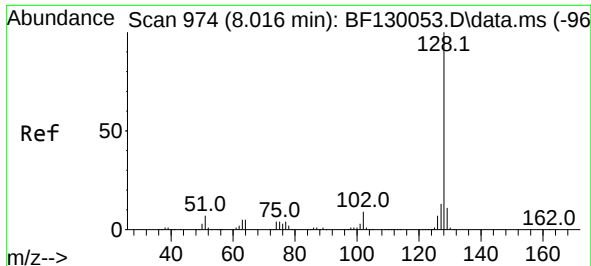
Ion Ratio Lower Upper

180 100

182 94.8 77.6 116.4

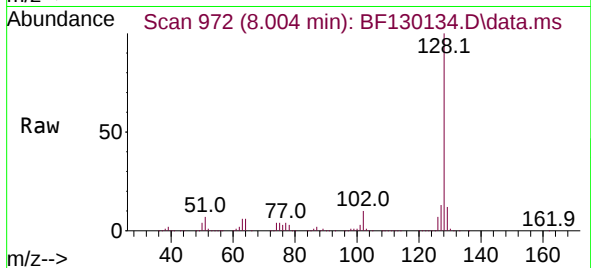
145 33.0 25.6 38.4





#31
Naphthalene
Concen: 44.466 ng
RT: 8.004 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

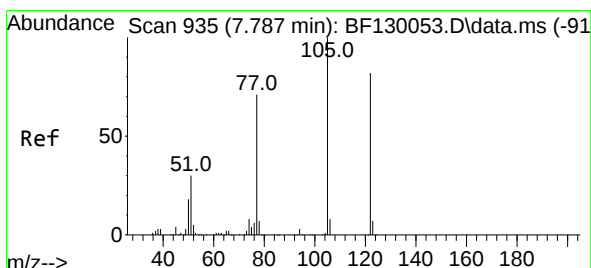
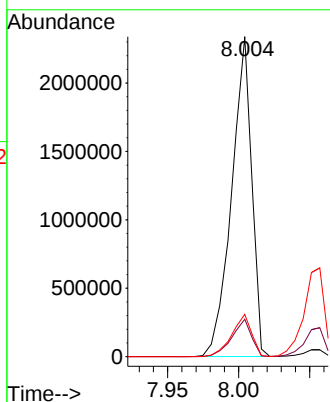
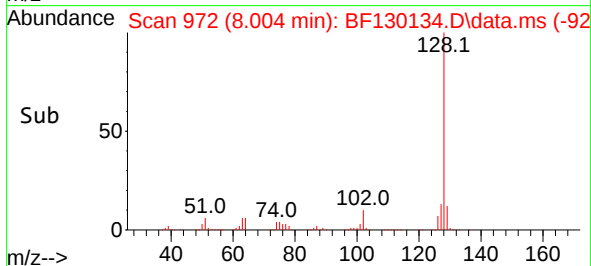
Instrument :
BNA_F
ClientSampleId :
PB147410BS



Tgt Ion:128 Resp: 2293814
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 13.2 10.7 16.1

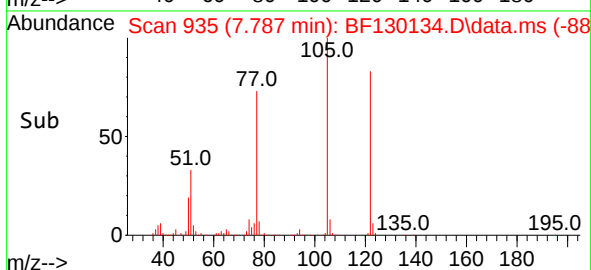
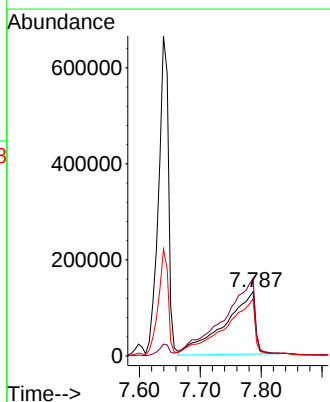
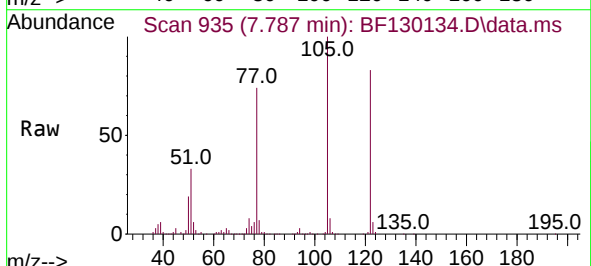
Manual Integrations
APPROVED

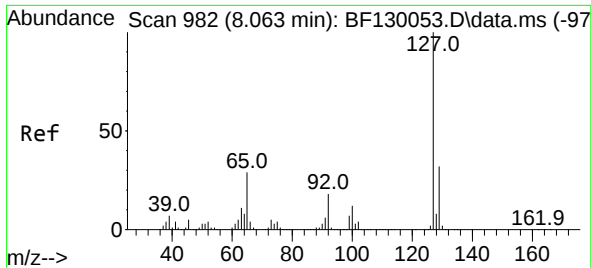
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#32
Benzoic acid
Concen: 42.552 ng
RT: 7.787 min Scan# 935
Delta R.T. 0.018 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Tgt Ion:122 Resp: 460071
Ion Ratio Lower Upper
122 100
105 120.6 99.9 139.9
77 88.7 65.9 105.9





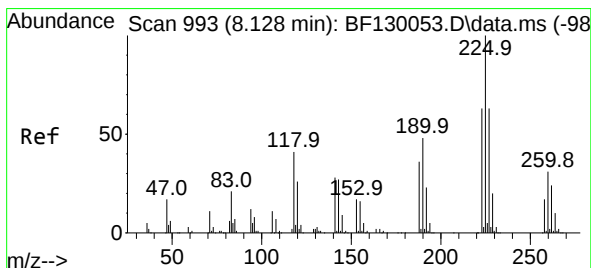
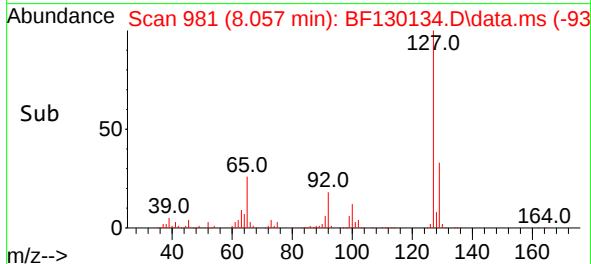
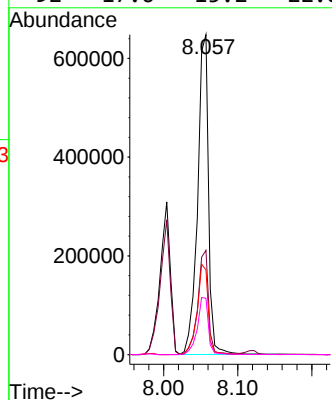
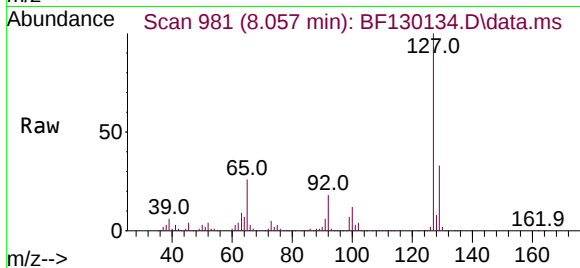
#33
4-Chloroaniline
Concen: 32.011 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Instrument :
BNA_F
ClientSampleId :
PB147410BS

Tgt Ion:	127	Resp:	66715
Ion Ratio	Lower	Upper	
127	100		
129	32.6	26.7	40.1
65	26.5	24.2	36.2
92	17.6	15.2	22.8

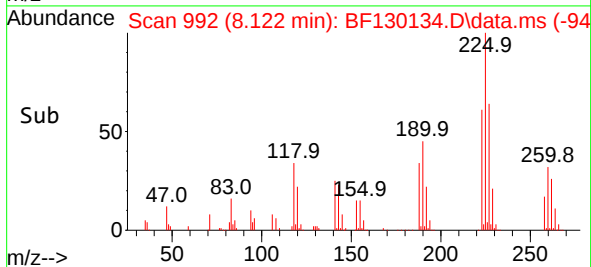
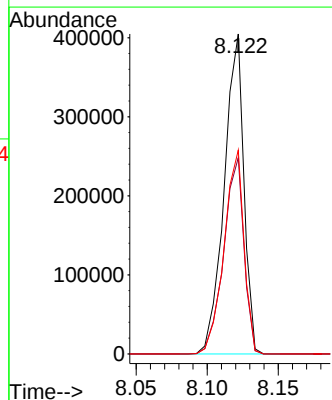
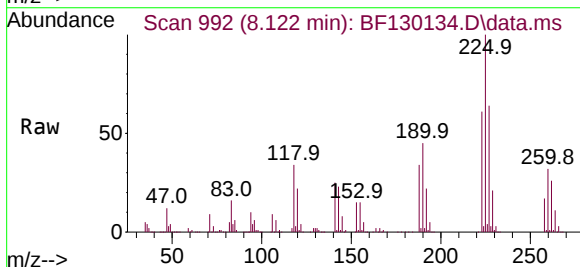
Manual Integrations
APPROVED

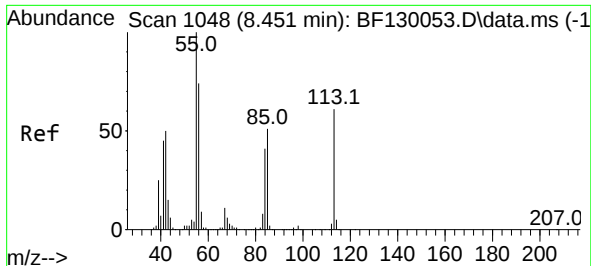
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#34
Hexachlorobutadiene
Concen: 44.709 ng
RT: 8.122 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

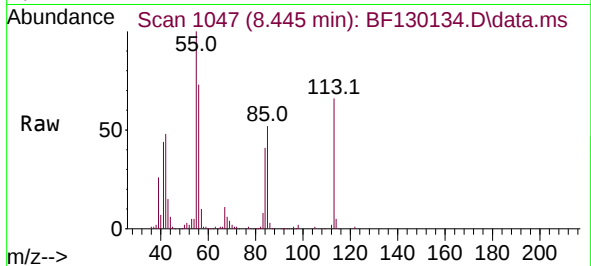
Tgt Ion:	225	Resp:	390342
Ion Ratio	Lower	Upper	
225	100		
223	61.3	50.2	75.2
227	63.7	50.6	75.8





#35
Caprolactam
Concen: 45.733 ng m
RT: 8.445 min Scan# 1048
Delta R.T. 0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

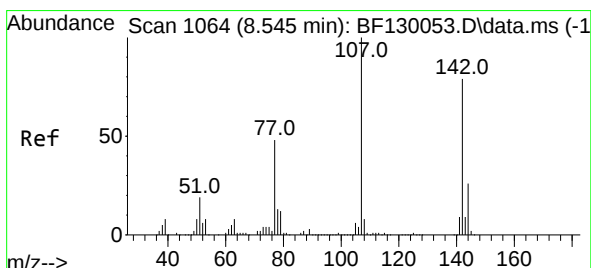
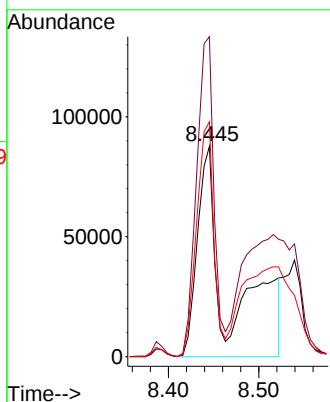
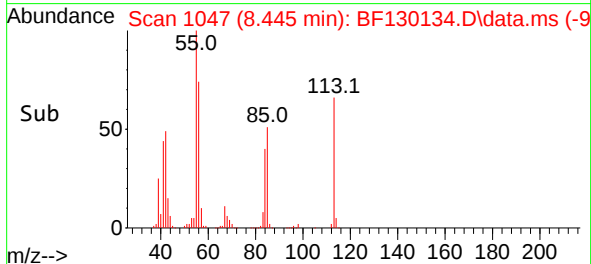
Instrument :
BNA_F
ClientSampleId :
PB147410BS



Tgt Ion:113 Resp: 204900
Ion Ratio Lower Upper
113 100
55 152.2 148.8 188.8
56 111.6 109.1 149.1

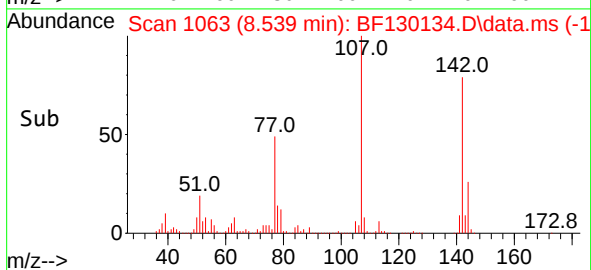
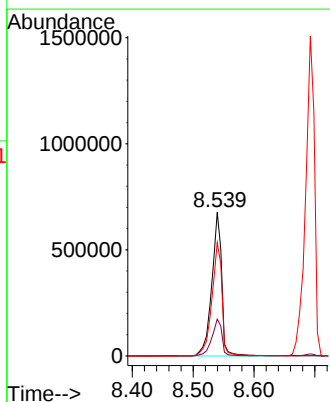
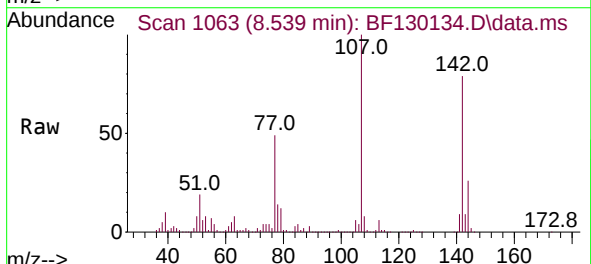
Manual Integrations
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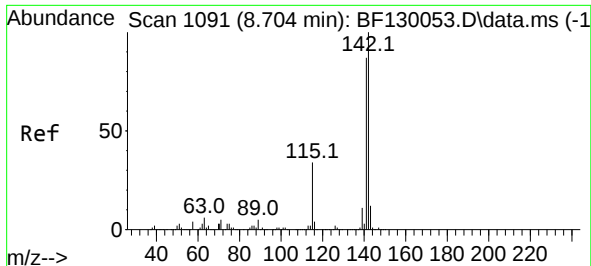
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#36
4-Chloro-3-methylphenol
Concen: 52.162 ng
RT: 8.539 min Scan# 1063
Delta R.T. 0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Tgt Ion:107 Resp: 763128
Ion Ratio Lower Upper
107 100
144 25.5 19.9 29.9
142 78.8 60.2 90.4





#37

2-Methylnaphthalene

Concen: 46.313 ng

RT: 8.692 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS

Tgt Ion:142 Resp: 1538986

Ion Ratio Lower Upper

142 100

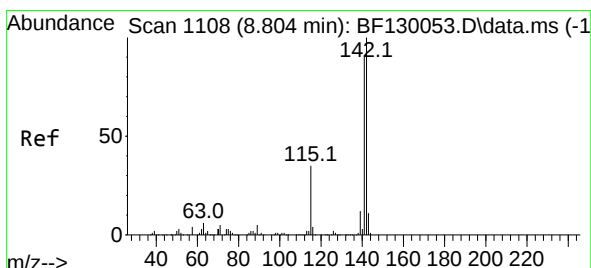
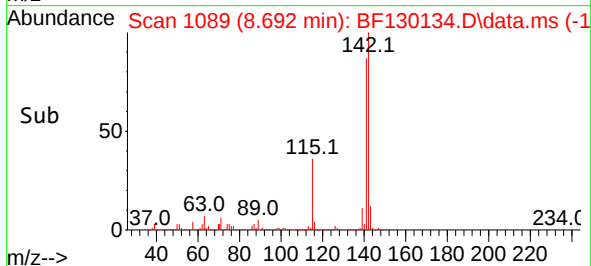
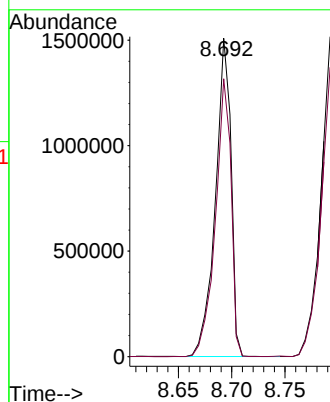
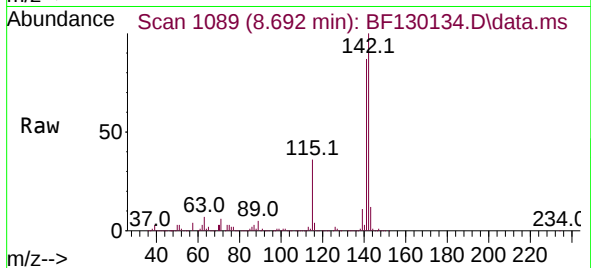
141 87.3 70.9 106.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#38

1-Methylnaphthalene

Concen: 45.229 ng

RT: 8.792 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF130134.D

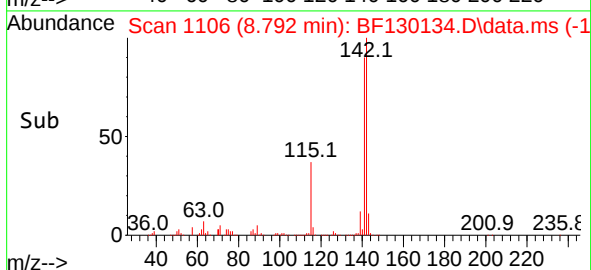
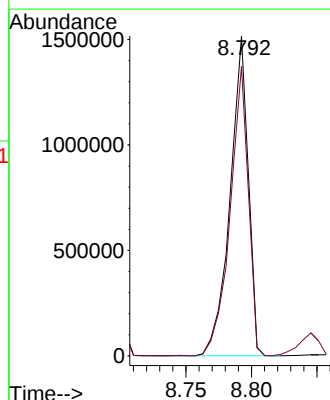
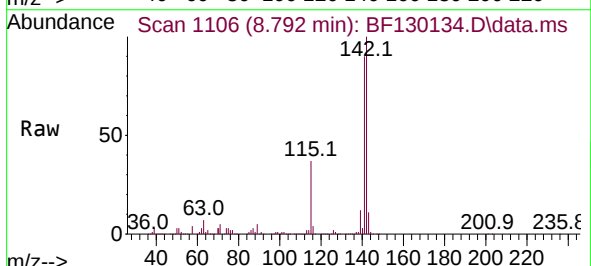
Acq: 06 Sep 2022 13:16

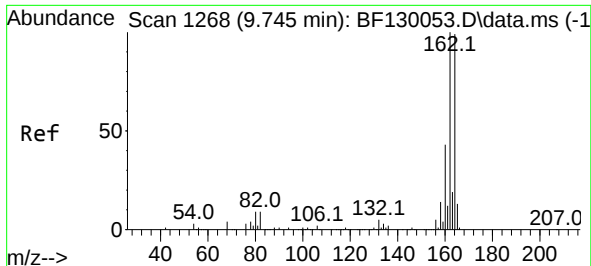
Tgt Ion:142 Resp: 1460878

Ion Ratio Lower Upper

142 100

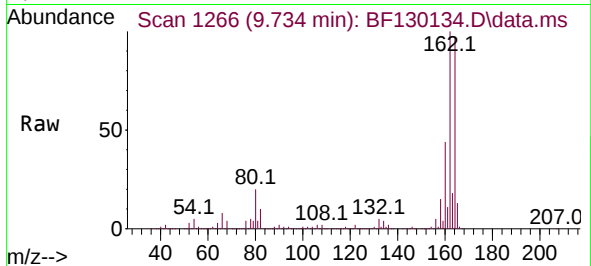
141 90.4 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.734 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

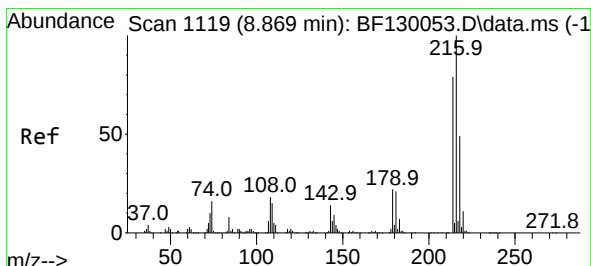
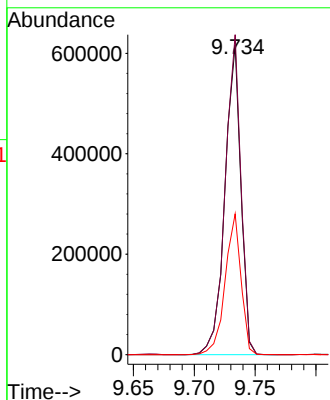
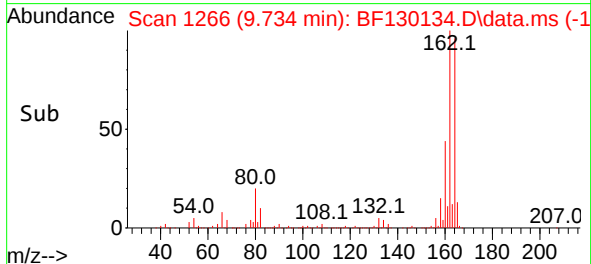
Instrument :
BNA_F
ClientSampleId :
PB147410BS



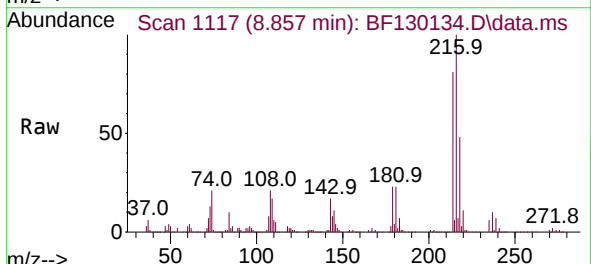
Tgt Ion:164 Resp: 56264
Ion Ratio Lower Upper
164 100
162 103.3 82.0 123.0
160 45.5 35.4 53.0

Manual Integrations
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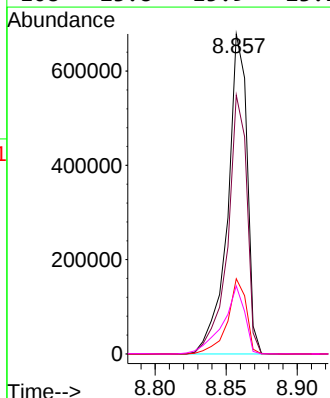
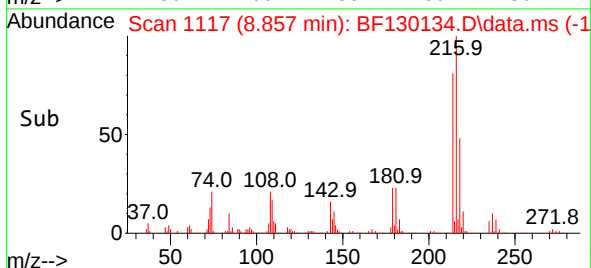
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

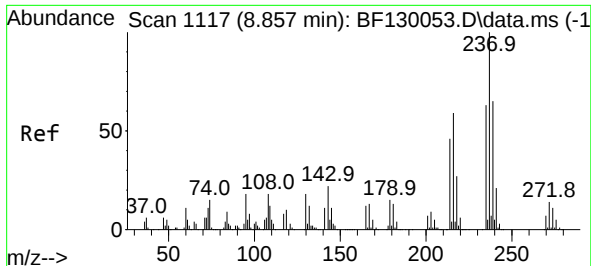


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.225 ng
RT: 8.857 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16



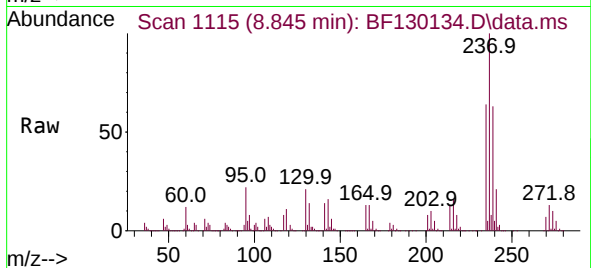
Tgt Ion:216 Resp: 648850
Ion Ratio Lower Upper
216 100
214 79.4 63.1 94.7
179 22.5 18.1 27.1
108 23.8 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 106.583 ng
RT: 8.845 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

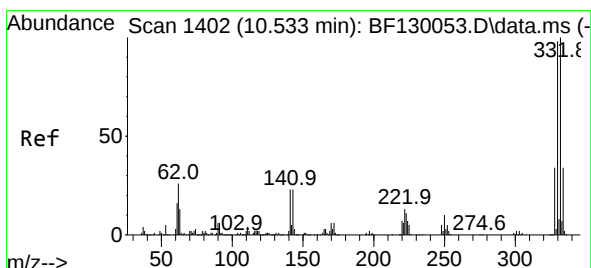
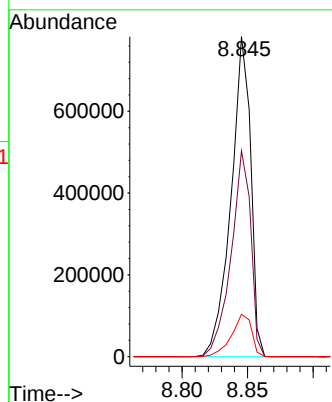
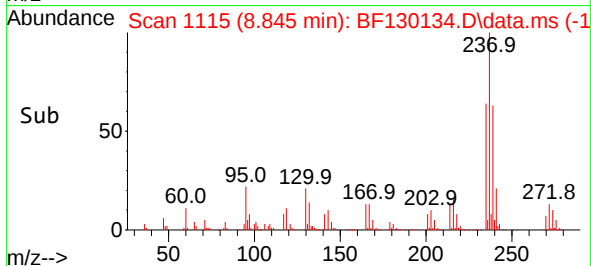
Instrument :
BNA_F
ClientSampleId :
PB147410BS



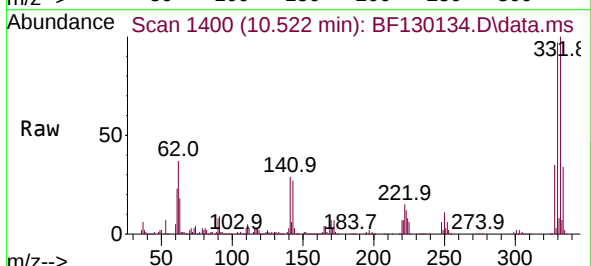
Tgt Ion: 237 Resp: 817224
Ion Ratio Lower Upper
237 100
235 64.3 41.5 81.5
272 13.2 0.0 33.3

Manual Integrations
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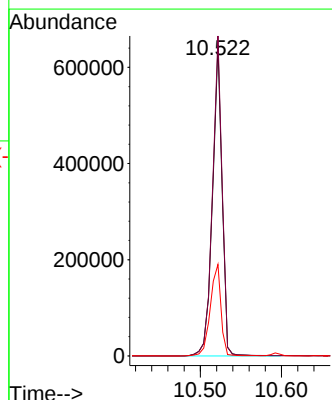
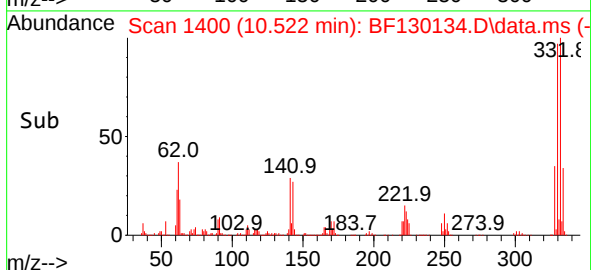
Reviewed By : Christian Giraldo 09/07/2022
Supervised By : Jagrut Upadhyay 09/07/2022

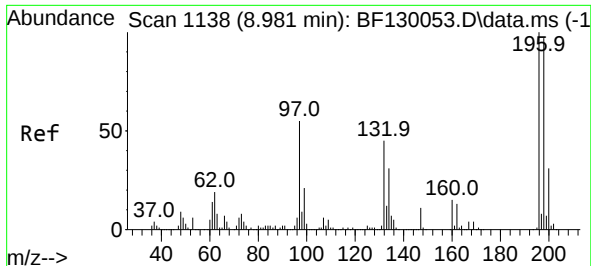


#42
2,4,6-Tribromophenol
Concen: 104.746 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16



Tgt Ion: 330 Resp: 536466
Ion Ratio Lower Upper
330 100
332 103.0 82.6 124.0
141 32.5 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 47.661 ng

RT: 8.969 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF130134.D

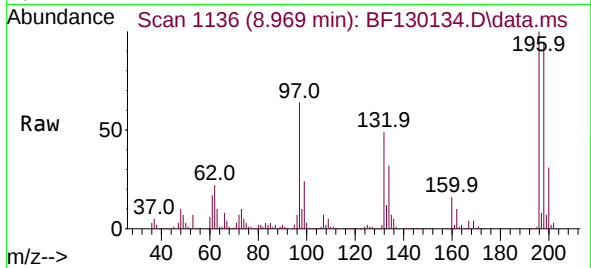
Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS



Tgt Ion:196 Resp: 499124

Ion Ratio Lower Upper

196 100

198 94.5 79.0 118.4

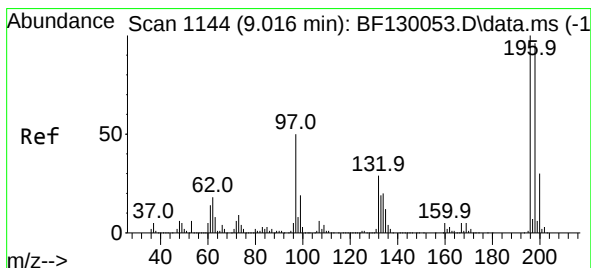
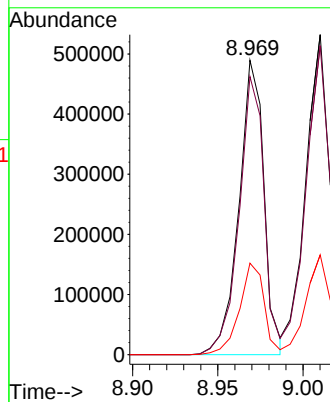
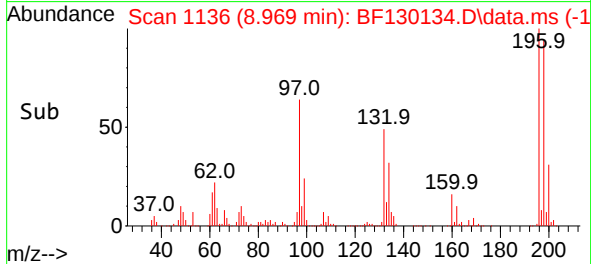
200 31.1 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#44

2,4,5-Trichlorophenol

Concen: 45.954 ng

RT: 9.010 min Scan# 1143

Delta R.T. 0.006 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Tgt Ion:196 Resp: 521626

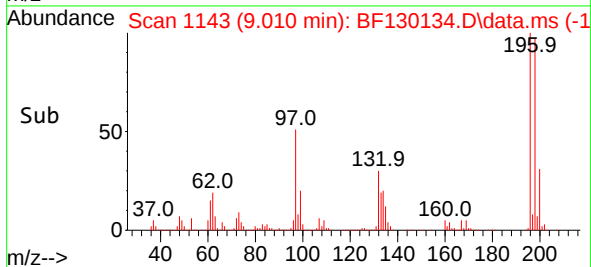
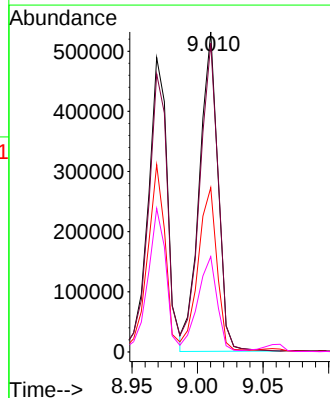
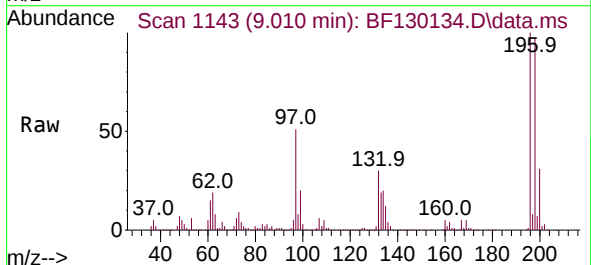
Ion Ratio Lower Upper

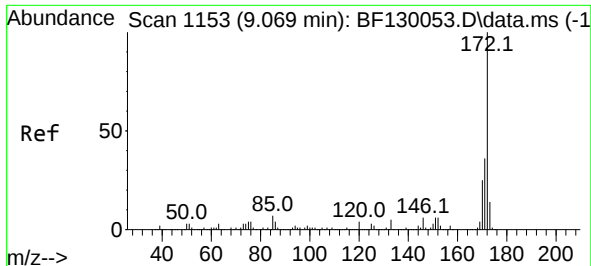
196 100

198 96.5 76.4 114.6

97 51.3 46.5 69.7

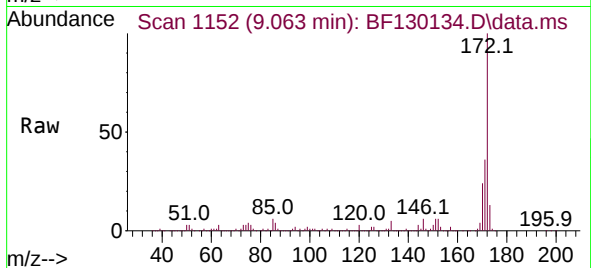
132 29.8 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 82.536 ng
RT: 9.063 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

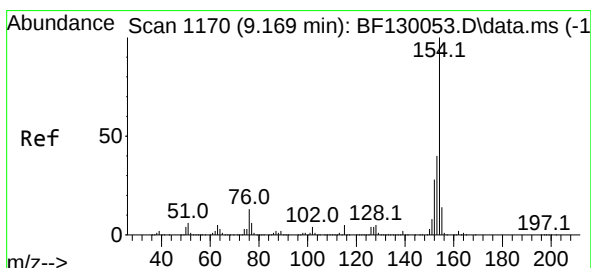
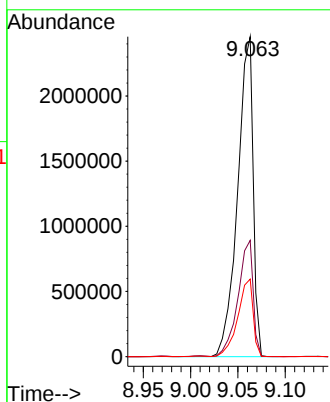
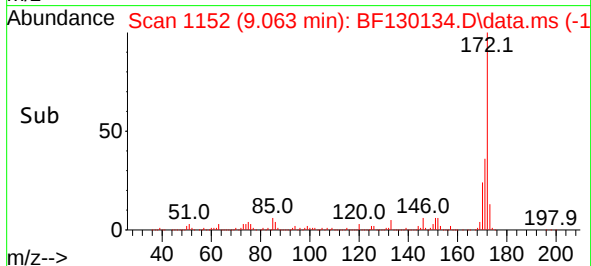
Instrument :
BNA_F
ClientSampleId :
PB147410BS



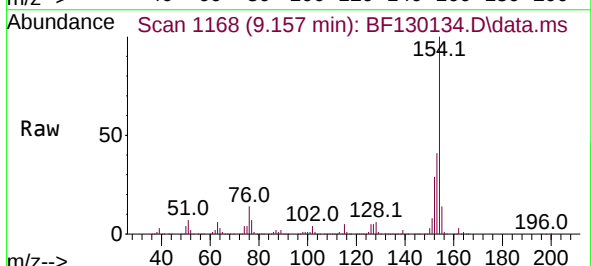
Tgt Ion:172 Resp: 2800915
Ion Ratio Lower Upper
172 100
171 36.3 28.4 42.6
170 24.2 19.1 28.7

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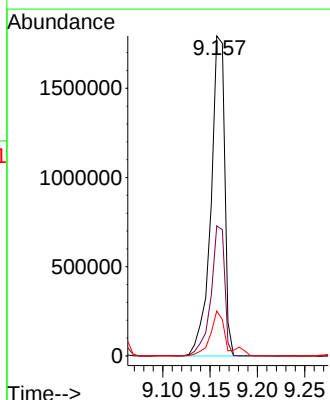
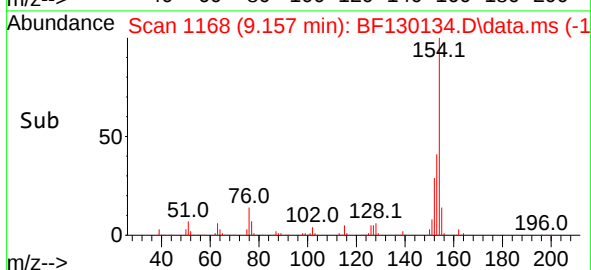
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

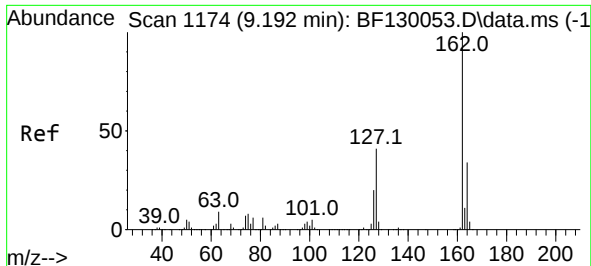


#46
1,1'-Biphenyl
Concen: 44.575 ng
RT: 9.157 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16



Tgt Ion:154 Resp: 1822059
Ion Ratio Lower Upper
154 100
153 40.6 20.2 60.2
76 14.0 0.0 32.1





#47

2-Chloronaphthalene

Concen: 44.621 ng

RT: 9.181 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS

Tgt Ion:162 Resp: 1461414

Ion Ratio Lower Upper

162 100

127 42.4 33.1 49.7

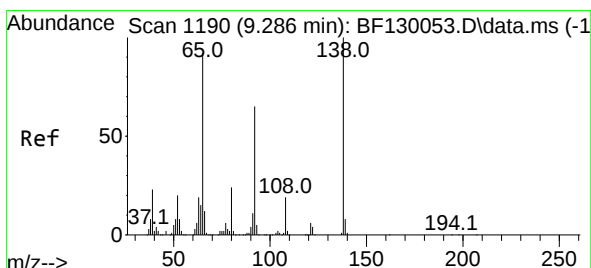
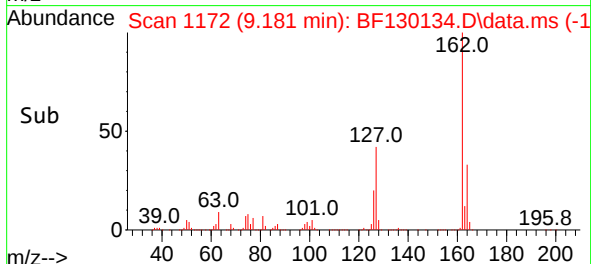
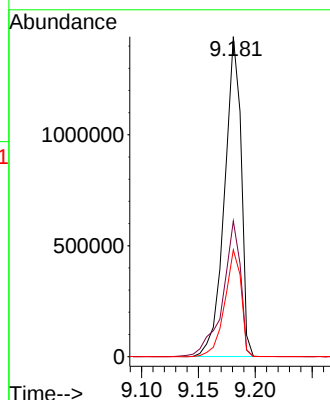
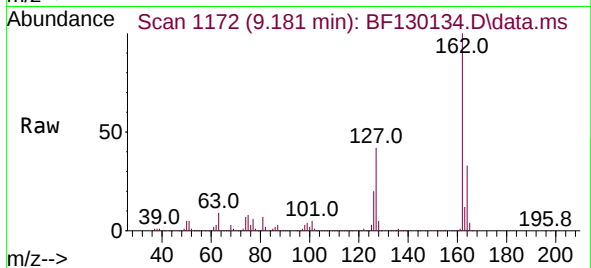
164 33.4 26.7 40.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#48

2-Nitroaniline

Concen: 52.077 ng

RT: 9.281 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

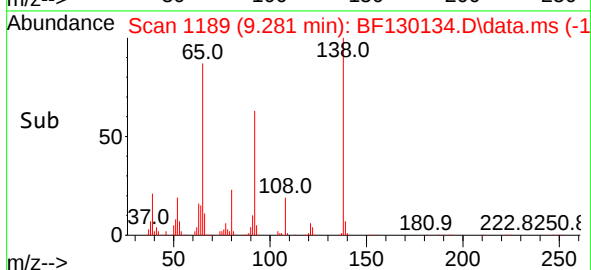
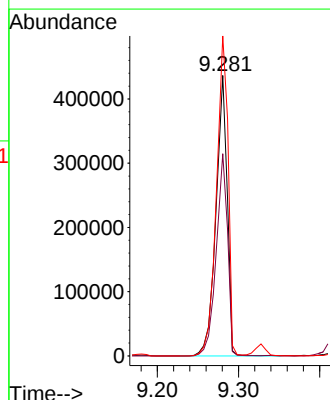
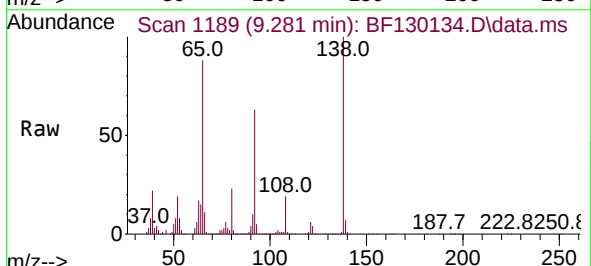
Tgt Ion: 65 Resp: 420304

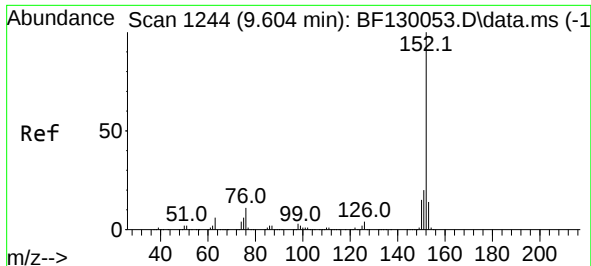
Ion Ratio Lower Upper

65 100

92 72.1 55.0 82.4

138 114.1 81.3 121.9





#49

Acenaphthylene

Concen: 44.950 ng

RT: 9.598 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS

Tgt Ion:152 Resp: 2235524

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

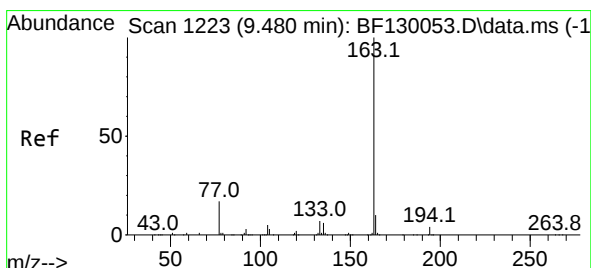
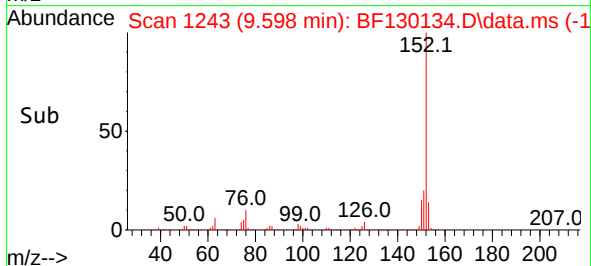
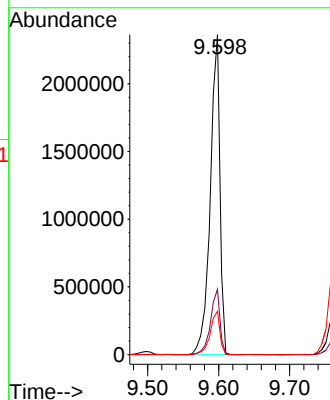
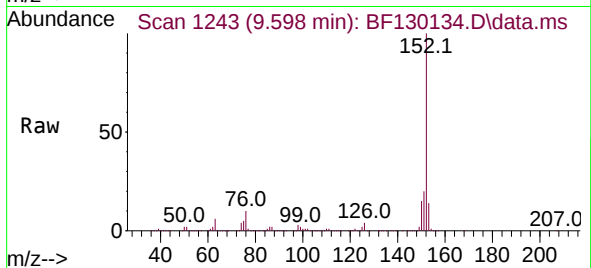
153 13.5 10.6 16.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#50

Dimethylphthalate

Concen: 47.403 ng

RT: 9.469 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

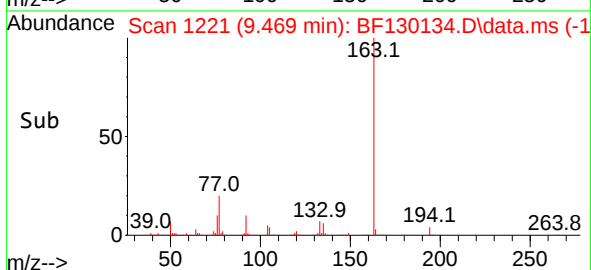
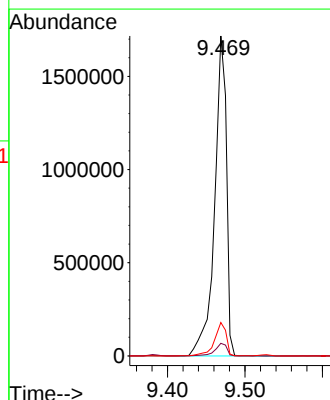
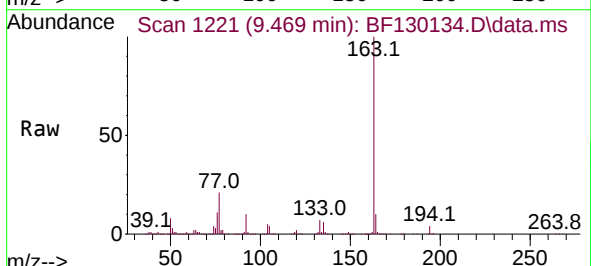
Tgt Ion:163 Resp: 1816627

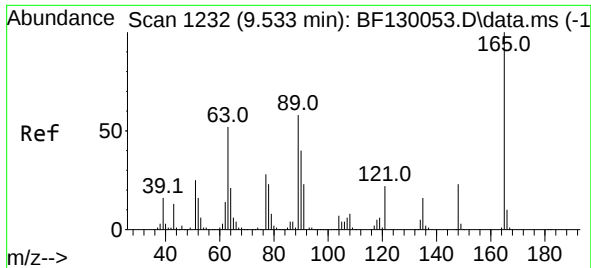
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

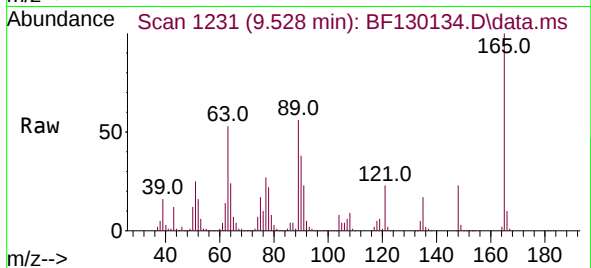
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 51.098 ng
RT: 9.528 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

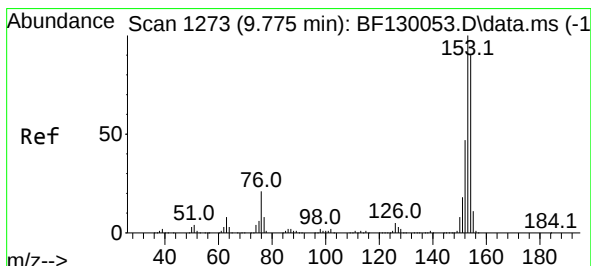
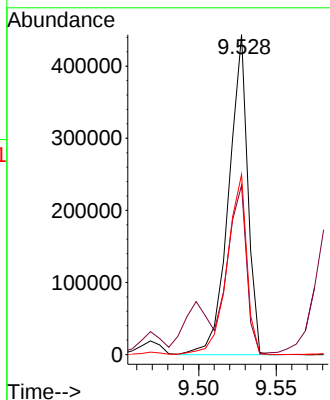
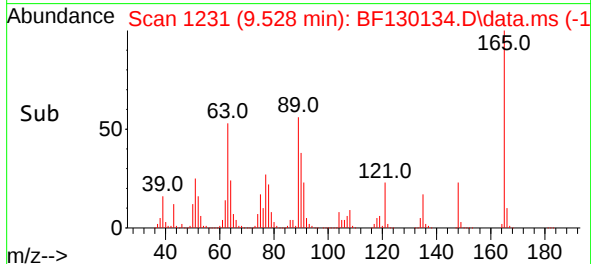
Instrument :
BNA_F
ClientSampleId :
PB147410BS



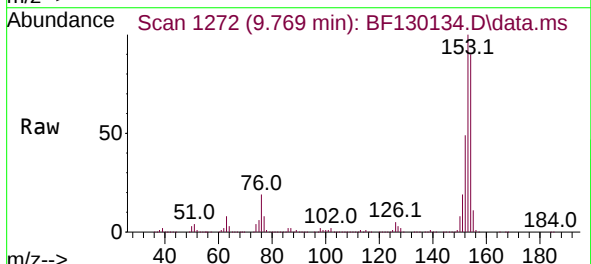
Tgt Ion:165 Resp: 38178
Ion Ratio Lower Upper
165 100
63 52.9 47.8 71.8
89 56.3 47.2 70.8

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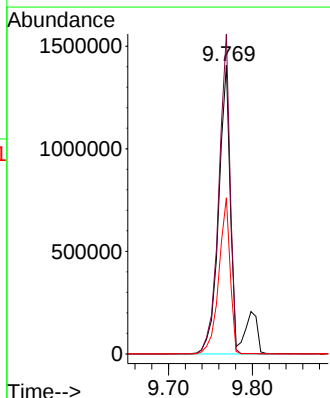
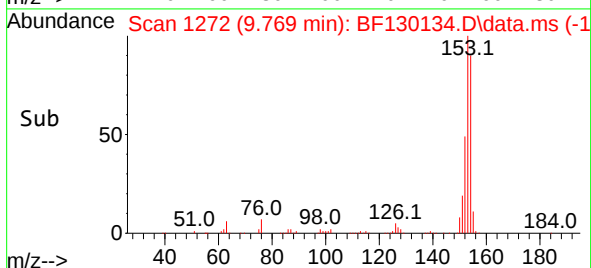
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

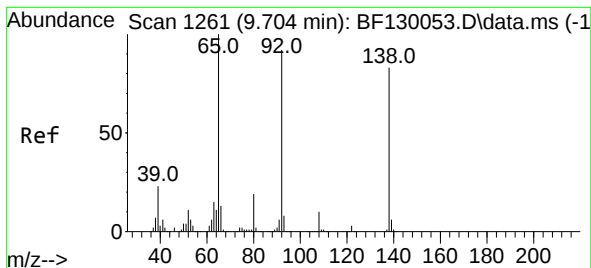


#52
Acenaphthene
Concen: 49.468 ng m
RT: 9.769 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16



Tgt Ion:154 Resp: 1550499
Ion Ratio Lower Upper
154 100
153 110.9 89.8 134.6
152 54.1 42.1 63.1





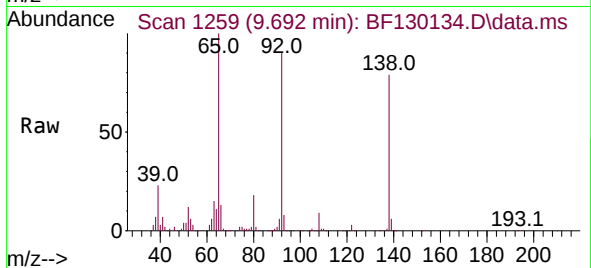
#53
3-Nitroaniline
Concen: 38.147 ng
RT: 9.692 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS

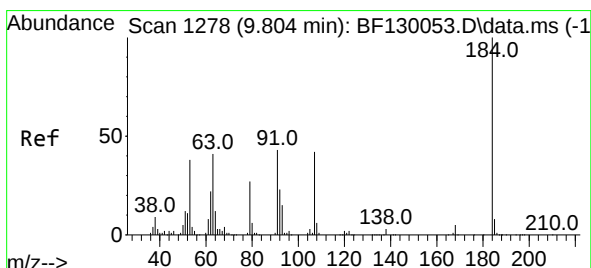
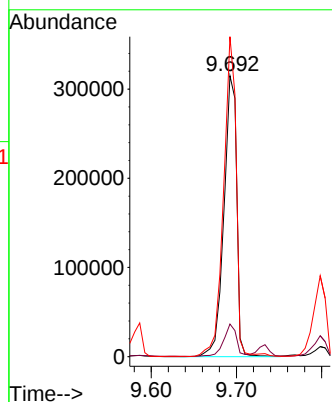
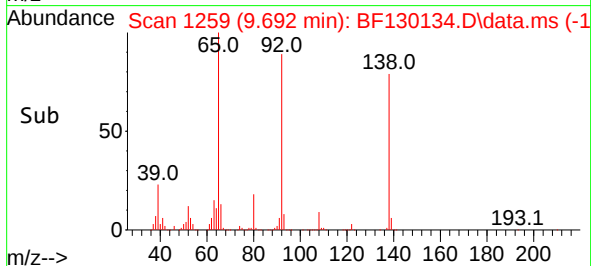


Tgt Ion:138 Resp: 32715
Ion Ratio Lower Upper
138 100
108 11.6 8.4 12.6
92 113.9 89.8 134.8

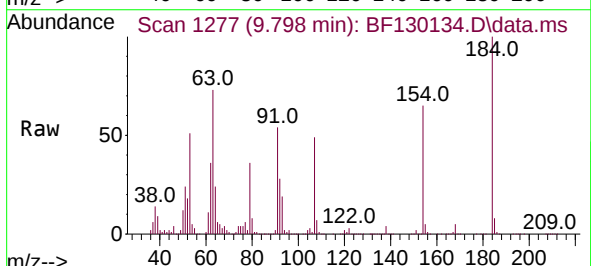
Manual Integrations

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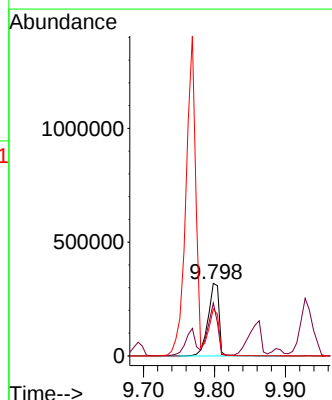
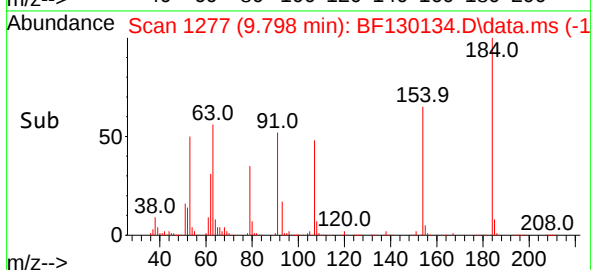
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

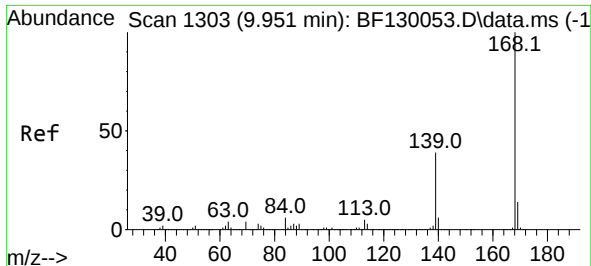


#54
2,4-Dinitrophenol
Concen: 98.455 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16



Tgt Ion:184 Resp: 341021
Ion Ratio Lower Upper
184 100
63 72.8 59.6 89.4
154 64.6 55.3 82.9





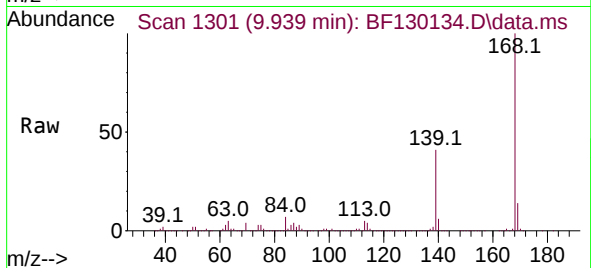
#55
Dibenzenofuran
Concen: 45.135 ng
RT: 9.939 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS

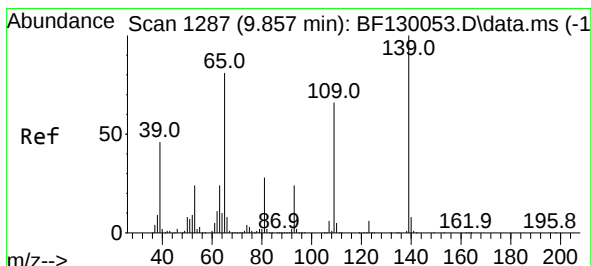
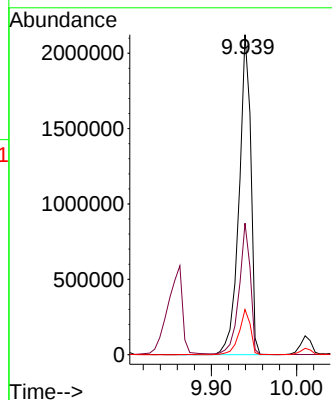
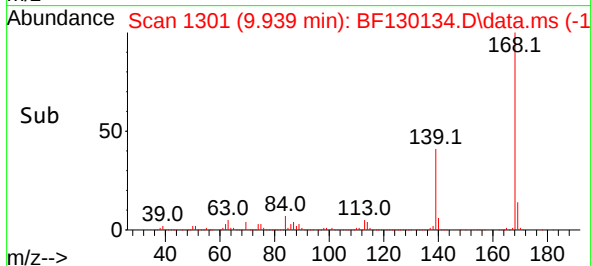


Tgt Ion:168 Resp: 2025750
Ion Ratio Lower Upper
168 100
139 41.1 31.3 46.9
169 14.1 10.7 16.1

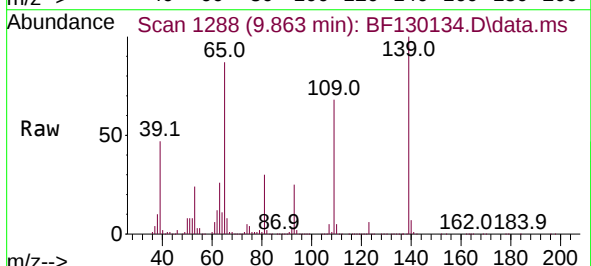
Manual Integrations

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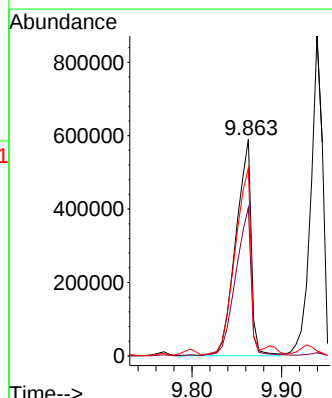
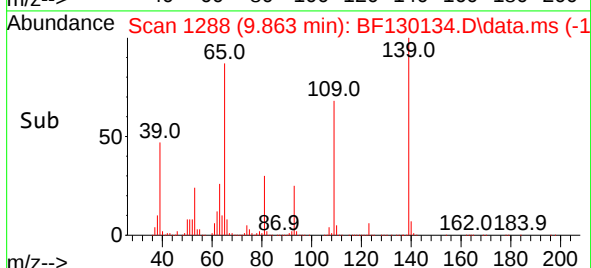
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

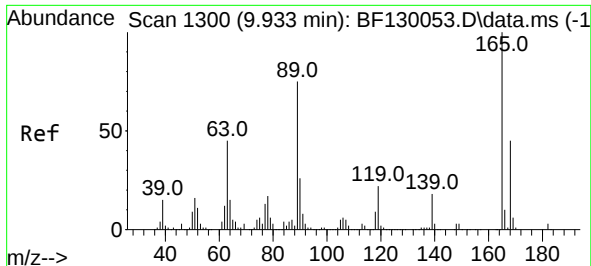


#56
4-Nitrophenol
Concen: 106.922 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.018 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16



Tgt Ion:139 Resp: 706944
Ion Ratio Lower Upper
139 100
109 68.5 52.9 92.9
65 86.7 79.5 119.5





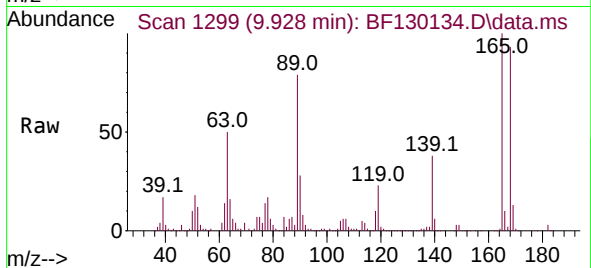
#57
2,4-Dinitrotoluene
Concen: 57.908 ng
RT: 9.928 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS

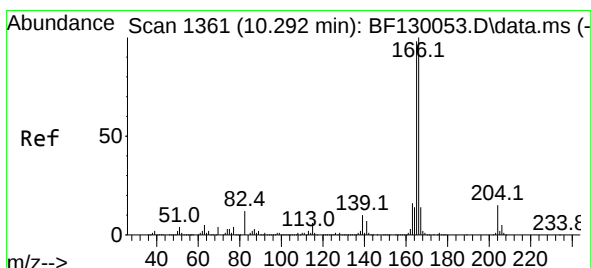
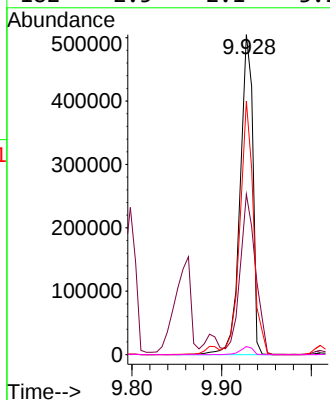
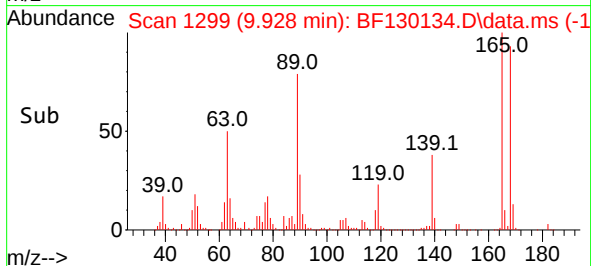


Tgt Ion:165 Resp: 498148
Ion Ratio Lower Upper
165 100
63 50.1 48.4 72.6
89 79.2 62.3 93.5
182 2.5 2.1 3.1

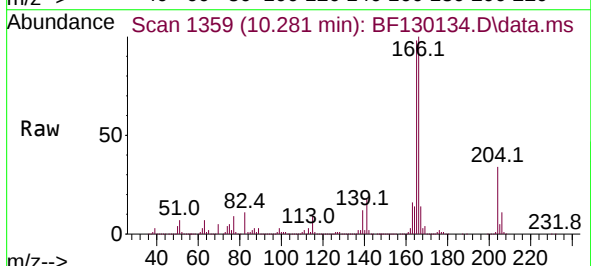
Manual Integrations

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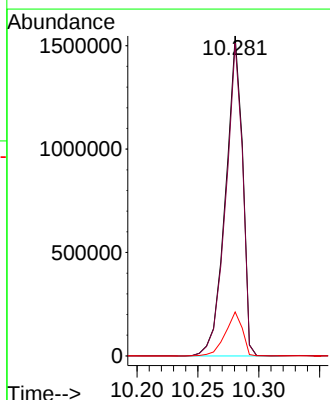
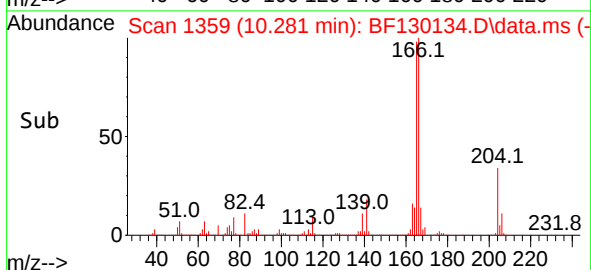
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

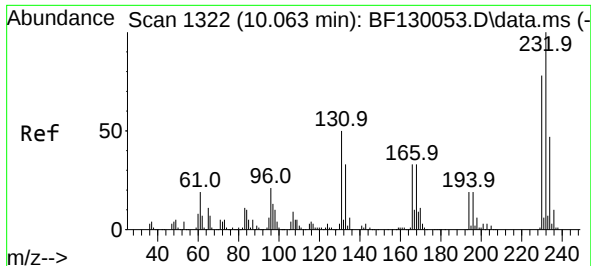


#58
Fluorene
Concen: 43.895 ng
RT: 10.281 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16



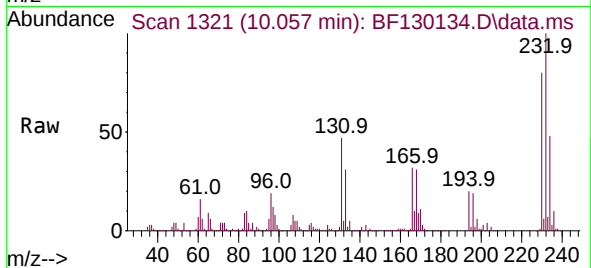
Tgt Ion:166 Resp: 1499021
Ion Ratio Lower Upper
166 100
165 97.8 77.9 116.9
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.730 ng
RT: 10.057 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

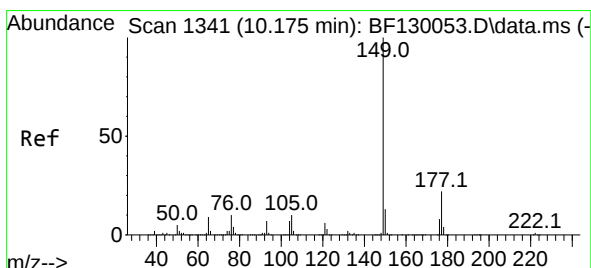
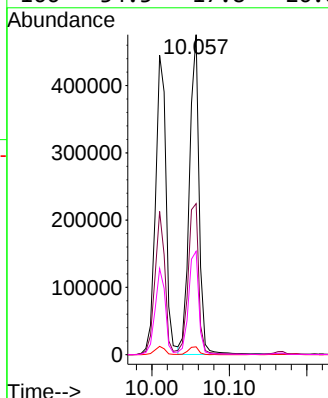
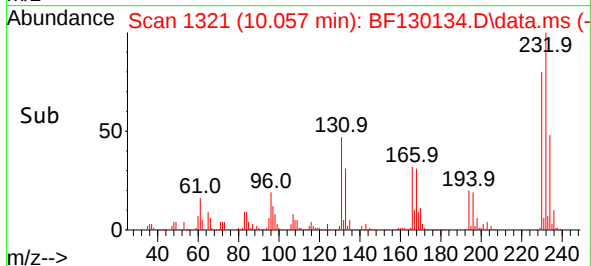
Instrument :
BNA_F
ClientSampleId :
PB147410BS



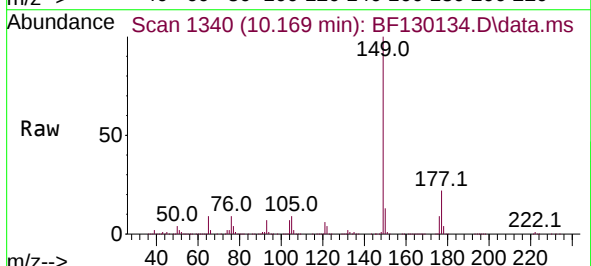
Tgt Ion:232 Resp: 411982
Ion Ratio Lower Upper
232 100
131 51.2 29.9 44.9
130 2.6 1.5 2.3
166 34.3 17.8 26.8

Manual Integrations
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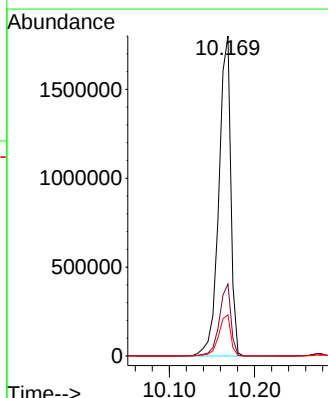
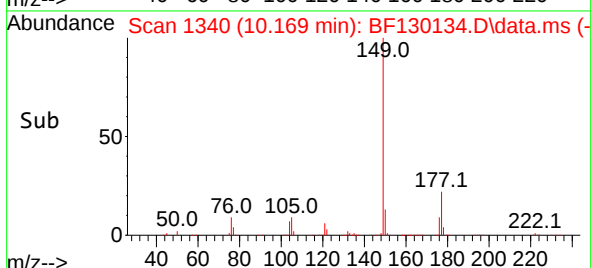
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

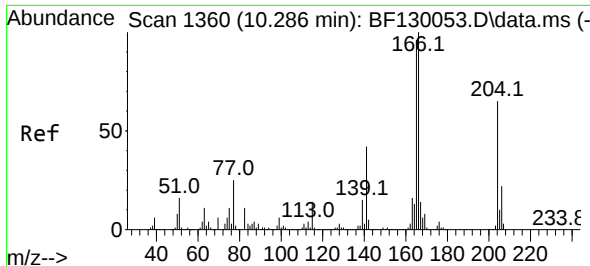


#60
Diethylphthalate
Concen: 47.122 ng
RT: 10.169 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16



Tgt Ion:149 Resp: 1747023
Ion Ratio Lower Upper
149 100
177 22.4 17.7 26.5
150 12.8 10.1 15.1





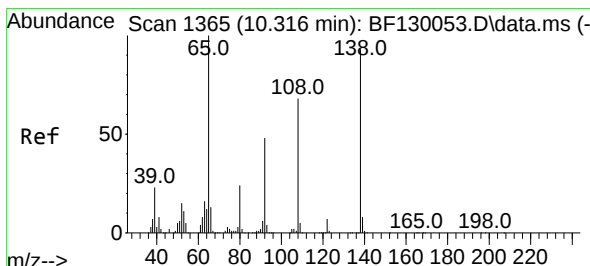
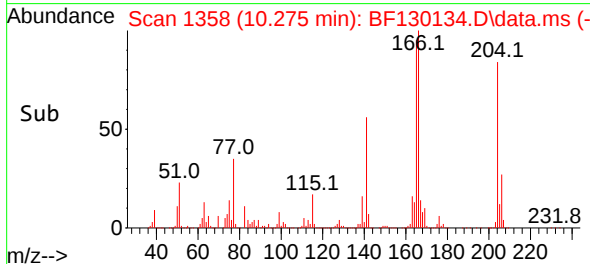
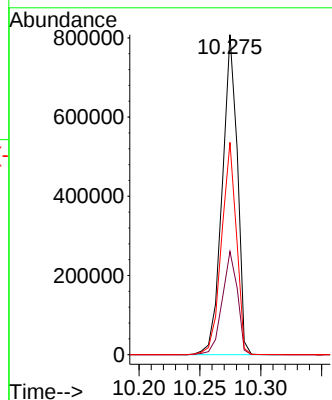
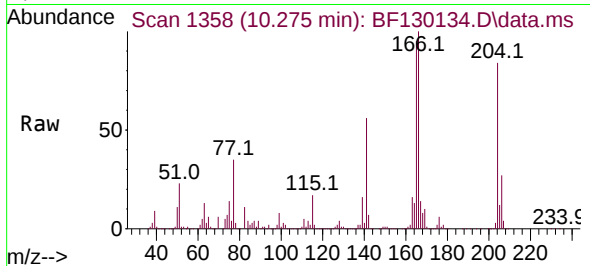
#61
4-Chlorophenyl-phenylether
Concen: 46.069 ng
RT: 10.275 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Instrument :
BNA_F
ClientSampleId :
PB147410BS

Tgt Ion:204 Resp: 695472
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 66.3 52.6 79.0

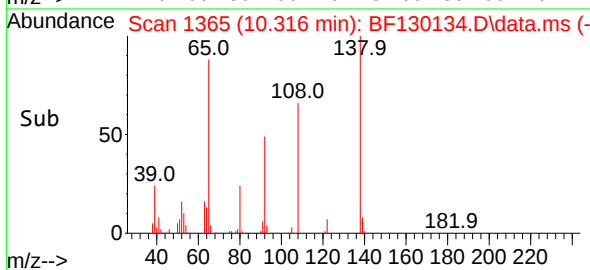
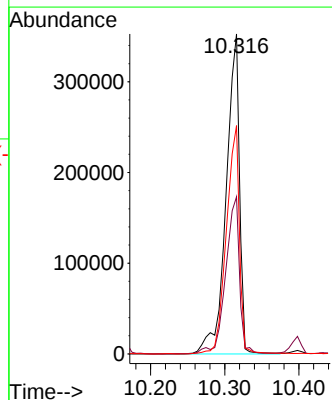
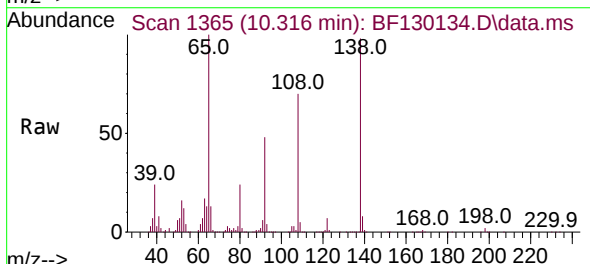
Manual Integrations
APPROVED

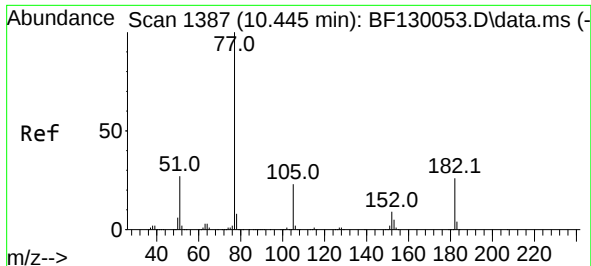
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#62
4-Nitroaniline
Concen: 53.062 ng
RT: 10.316 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Tgt Ion:138 Resp: 442570
Ion Ratio Lower Upper
138 100
92 49.1 30.3 70.3
108 71.3 55.7 95.7





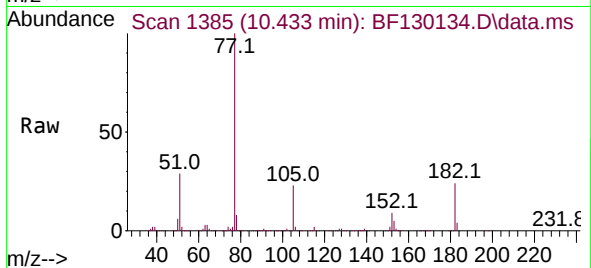
#63
Azobenzene
Concen: 45.490 ng
RT: 10.433 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS

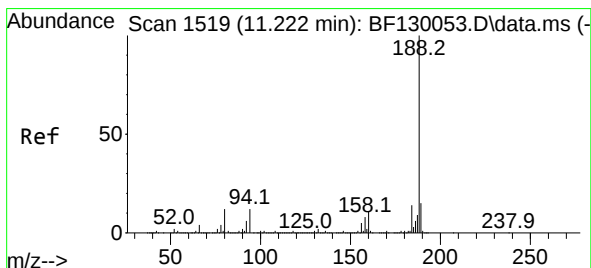
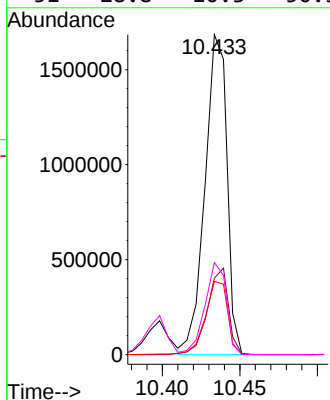
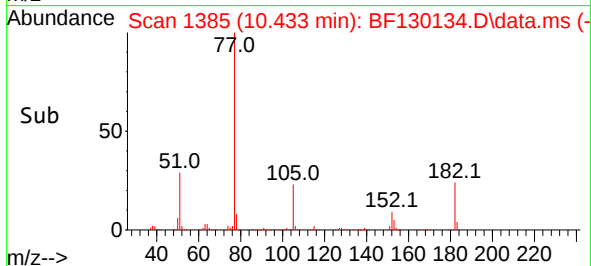


Tgt Ion: 77 Resp: 1660528
Ion Ratio Lower Upper
77 100
182 23.9 2.2 42.2
105 22.9 0.8 40.8
51 28.8 10.3 50.3

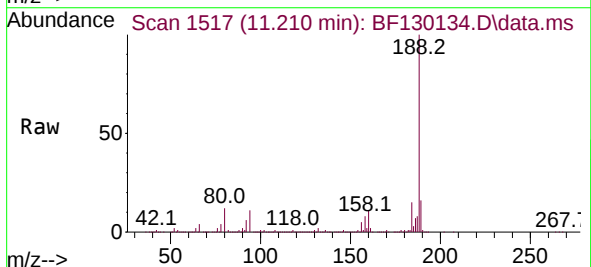
Manual Integrations

APPROVED

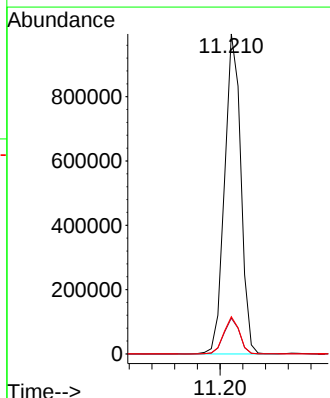
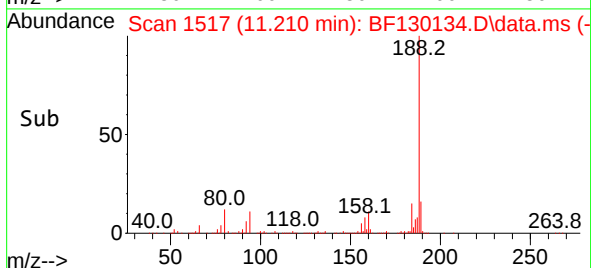
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

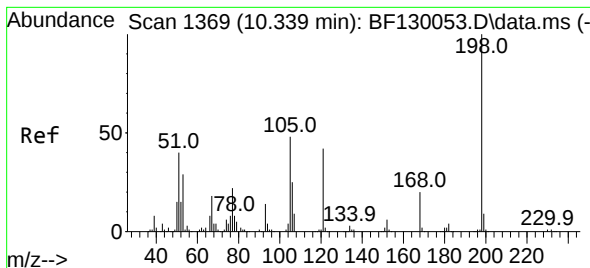


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16



Tgt Ion:188 Resp: 985413
Ion Ratio Lower Upper
188 100
94 11.2 7.4 11.2#
80 11.6 7.9 11.9





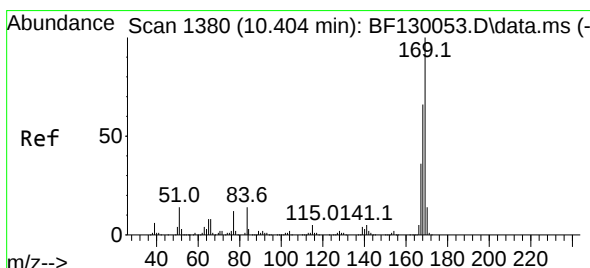
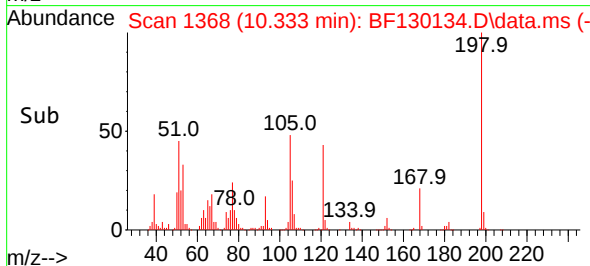
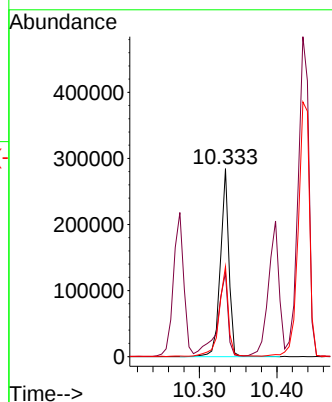
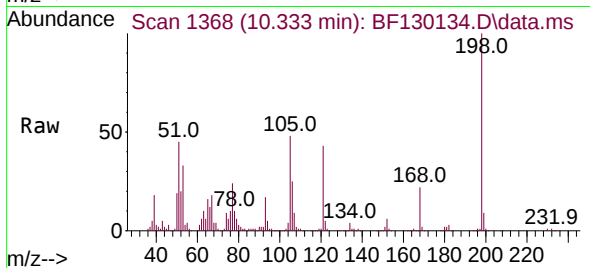
#65
4,6-Dinitro-2-methylphenol
Concen: 46.736 ng
RT: 10.333 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Instrument :
BNA_F
ClientSampleId :
PB147410BS

Tgt Ion:198 Resp: 215966
Ion Ratio Lower Upper
198 100
51 44.6 29.4 69.4
105 47.9 29.2 69.2

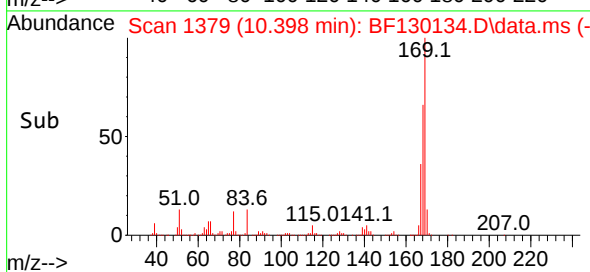
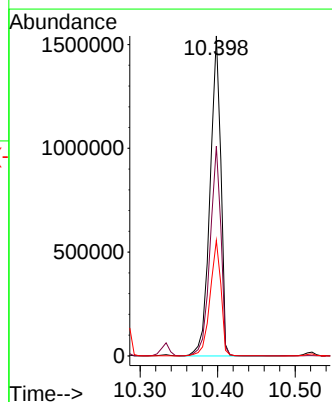
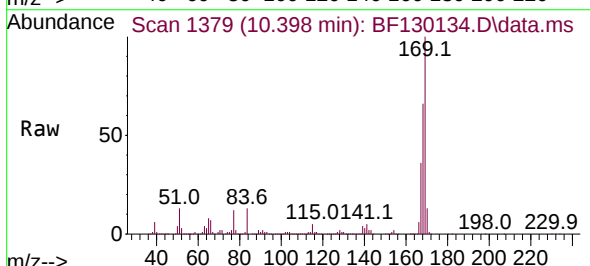
Manual Integrations
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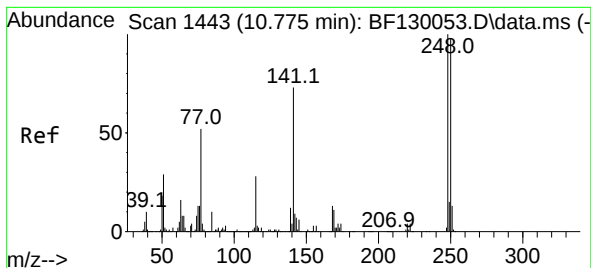
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#66
n-Nitrosodiphenylamine
Concen: 45.153 ng
RT: 10.398 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

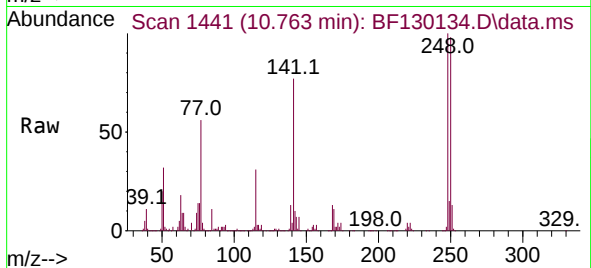
Tgt Ion:169 Resp: 1487406
Ion Ratio Lower Upper
169 100
168 65.5 53.4 80.2
167 36.1 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 46.028 ng
RT: 10.763 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

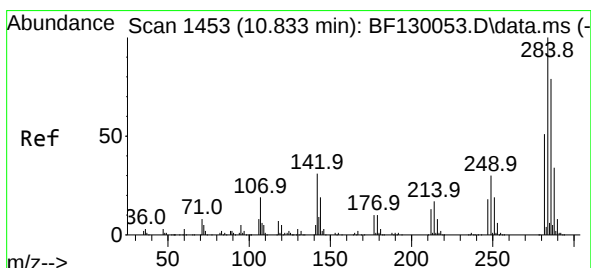
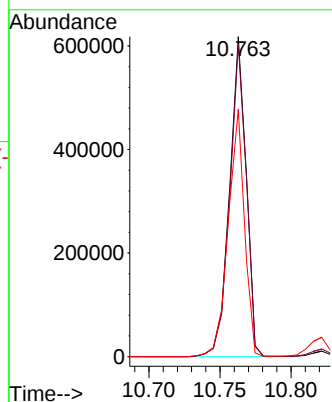
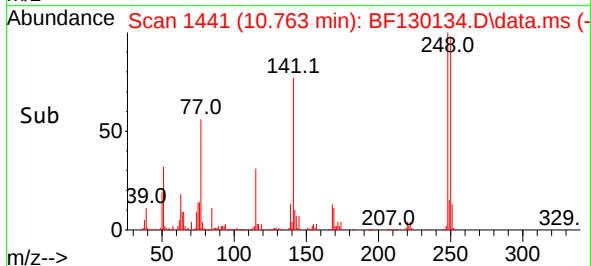
Instrument :
BNA_F
ClientSampleId :
PB147410BS



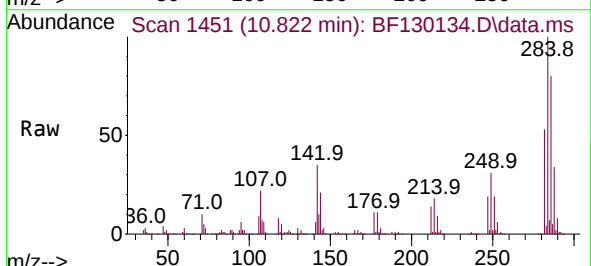
Tgt Ion:248 Resp: 504505
Ion Ratio Lower Upper
248 100
250 97.6 77.8 116.6
141 77.3 66.2 99.2

Manual Integrations
APPROVED

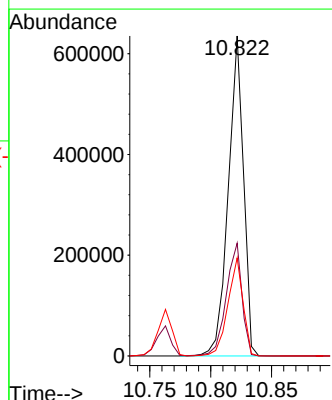
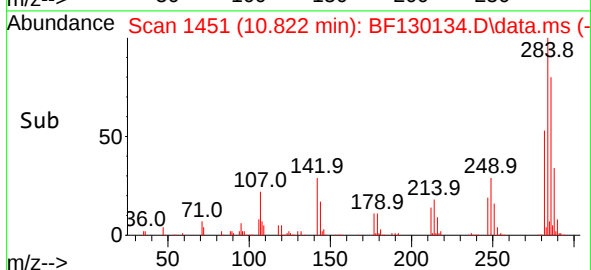
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

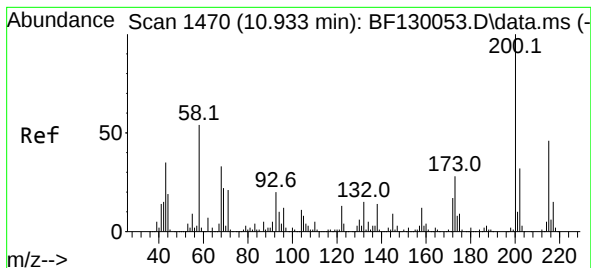


#68
Hexachlorobenzene
Concen: 46.375 ng
RT: 10.822 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16



Tgt Ion:284 Resp: 553861
Ion Ratio Lower Upper
284 100
142 35.3 31.4 47.0
249 30.6 25.7 38.5





#69

Atrazine

Concen: 53.308 ng

RT: 10.933 min Scan# 1470

Delta R.T. 0.006 min

Lab File: BF130134.D

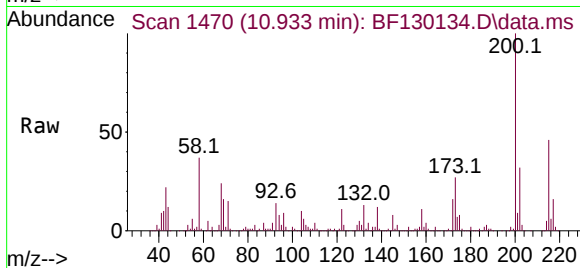
Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS



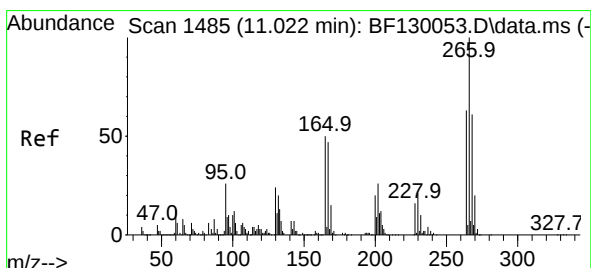
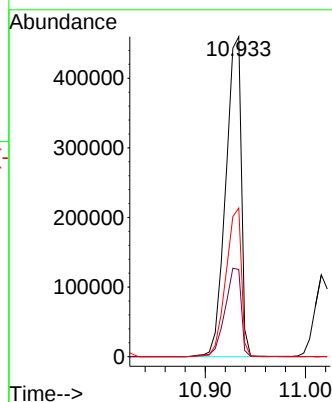
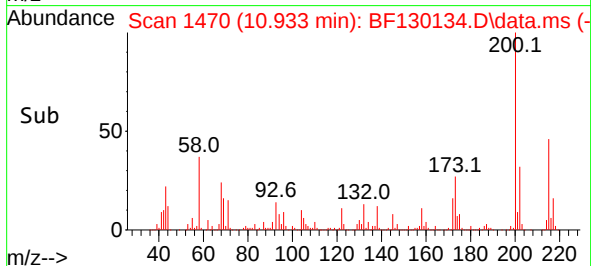
Tgt Ion:200 Resp: 496790

Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.4	46.4
215	46.4	27.1	67.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#70

Pentachlorophenol

Concen: 93.811 ng

RT: 11.016 min Scan# 1484

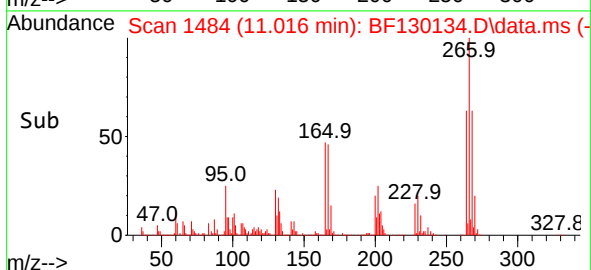
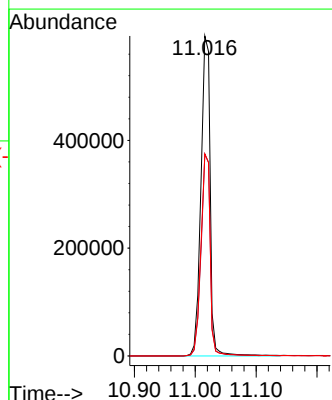
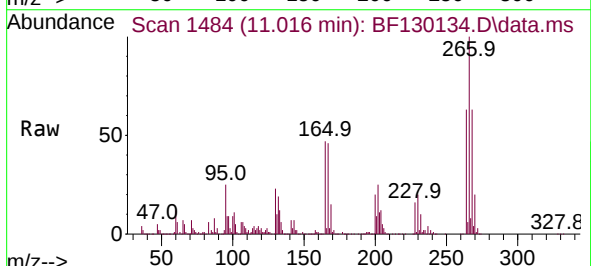
Delta R.T. 0.000 min

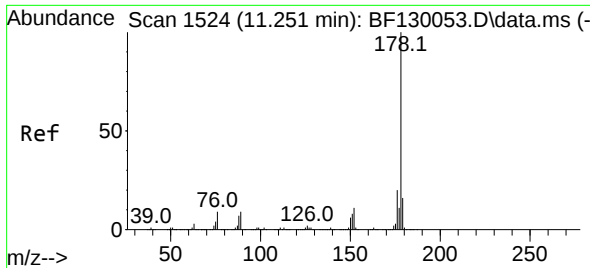
Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Tgt Ion:266 Resp: 626514

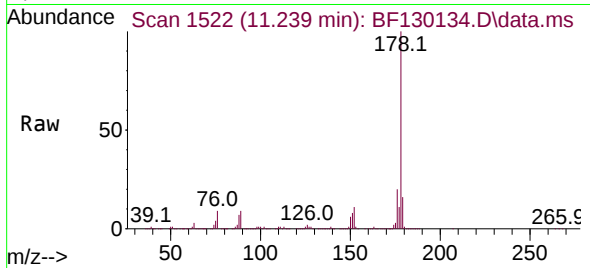
Ion	Ratio	Lower	Upper
266	100		
268	63.1	49.0	73.4
264	63.1	47.9	71.9





#71
Phenanthrene
Concen: 42.866 ng
RT: 11.239 min Scan# 11239
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

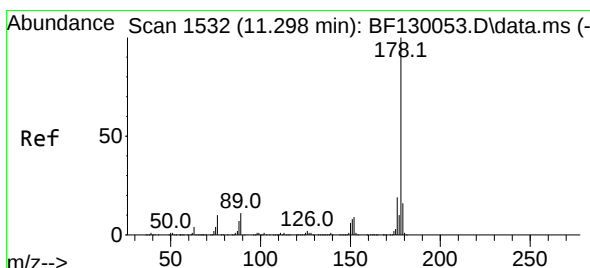
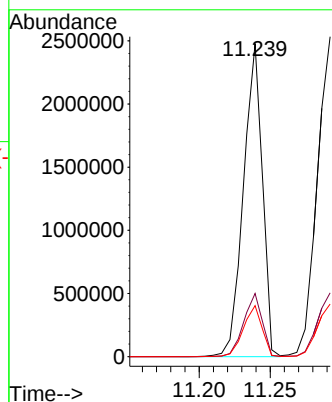
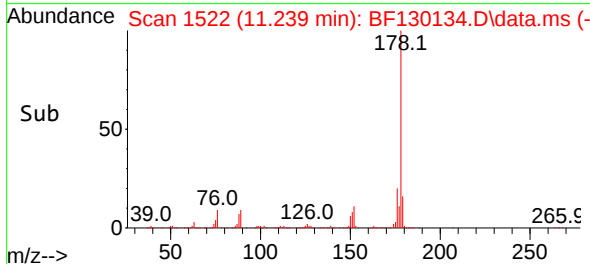
Instrument :
BNA_F
ClientSampleId :
PB147410BS



Tgt Ion:178 Resp: 2290801
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 16.3 12.5 18.7

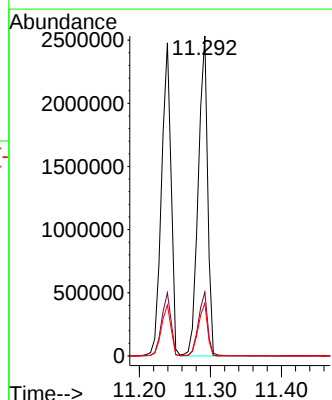
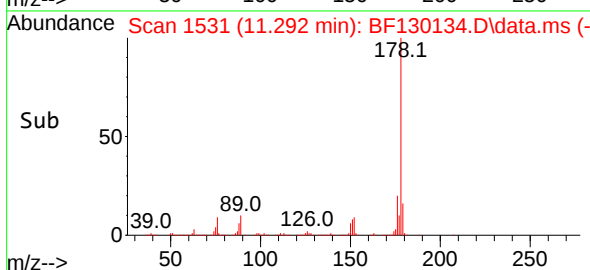
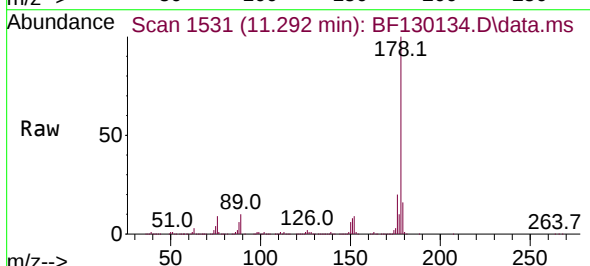
Manual Integrations
APPROVED

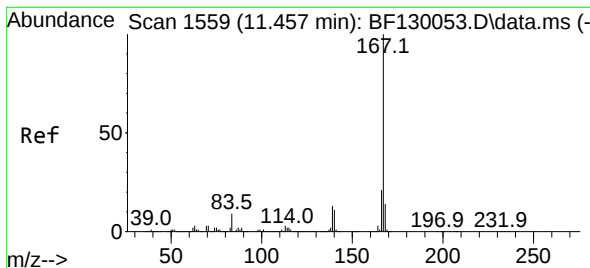
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#72
Anthracene
Concen: 43.884 ng
RT: 11.292 min Scan# 1531
Delta R.T. 0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Tgt Ion:178 Resp: 2305443
Ion Ratio Lower Upper
178 100
176 20.0 15.1 22.7
179 16.4 12.6 18.8





#73

Carbazole

Concen: 46.184 ng

RT: 11.445 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS

Tgt Ion:167 Resp: 2237338

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

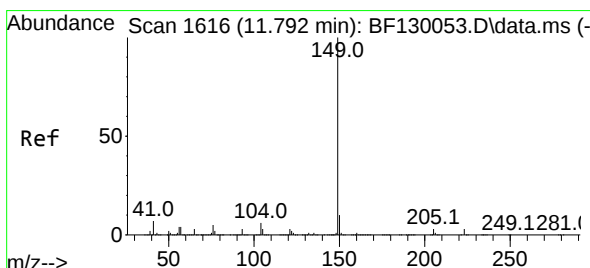
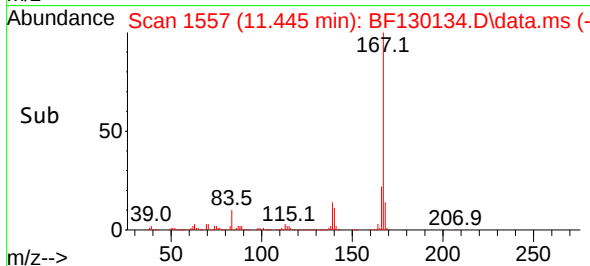
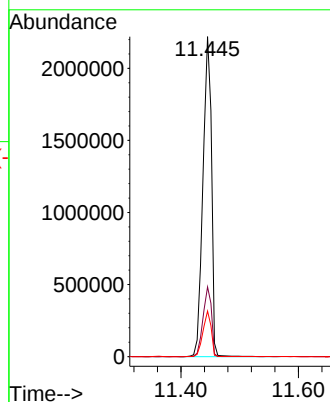
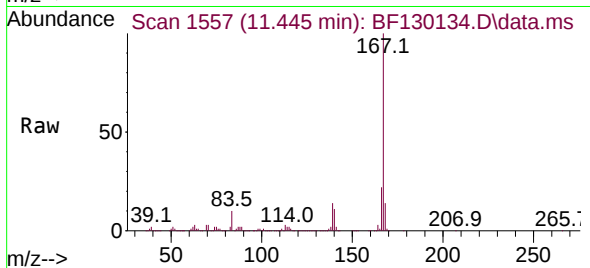
139 14.2 11.0 16.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#74

Di-n-butylphthalate

Concen: 44.693 ng

RT: 11.780 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

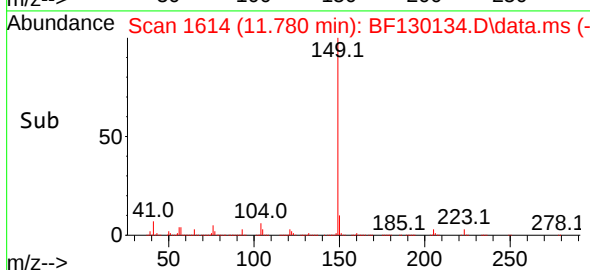
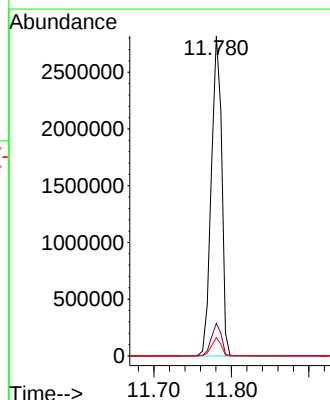
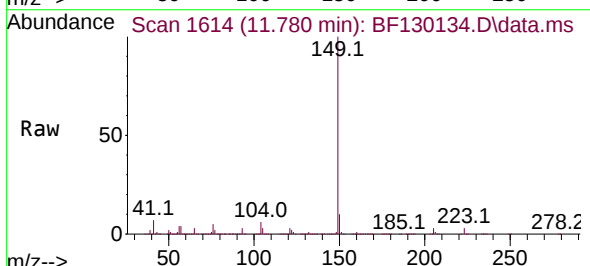
Tgt Ion:149 Resp: 2610811

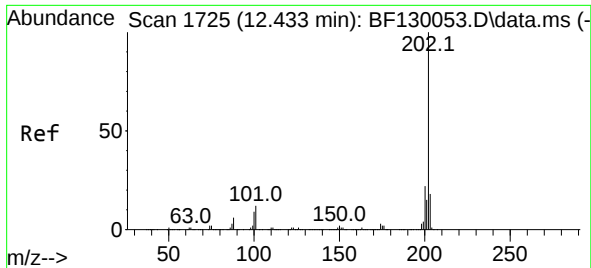
Ion Ratio Lower Upper

149 100

150 10.2 7.8 11.6

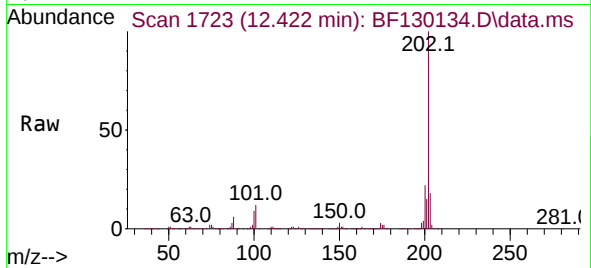
104 5.7 4.2 6.4





#75
Fluoranthene
Concen: 44.526 ng
RT: 12.422 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

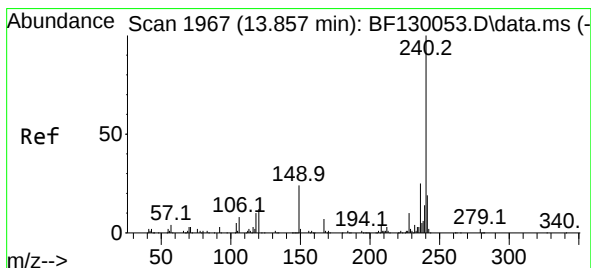
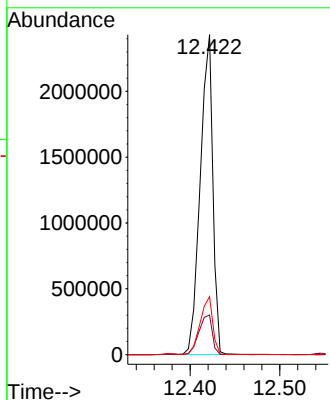
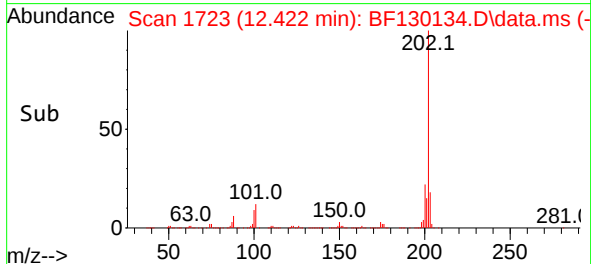
Instrument :
BNA_F
ClientSampleId :
PB147410BS



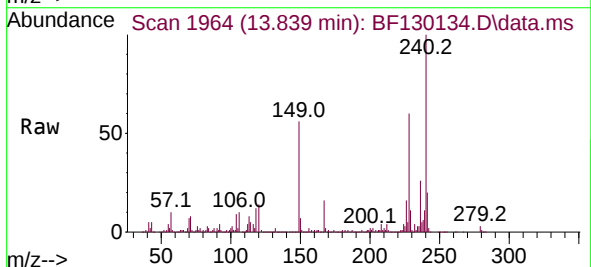
Tgt Ion:202 Resp: 235955
Ion Ratio Lower Upper
202 100
101 12.4 0.0 30.7
203 18.1 0.0 37.5

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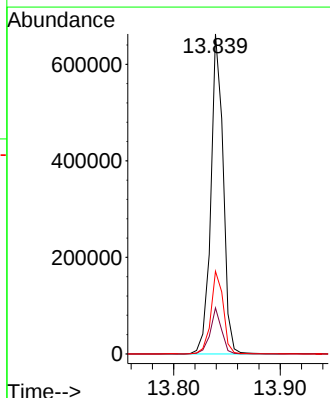
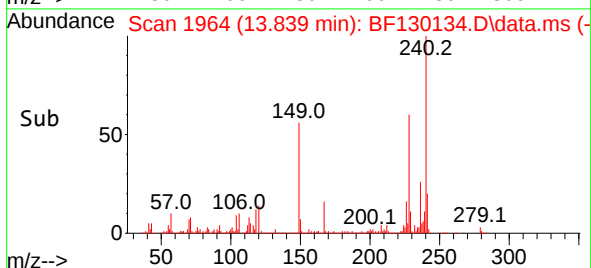
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

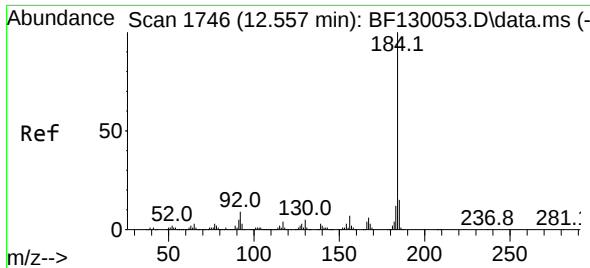


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16



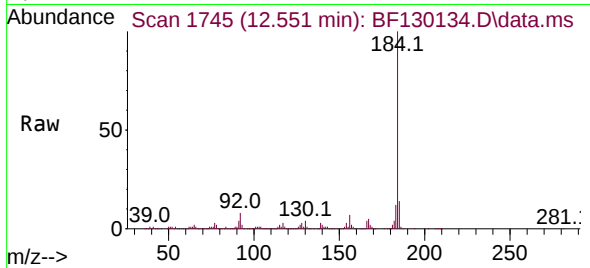
Tgt Ion:240 Resp: 532024
Ion Ratio Lower Upper
240 100
120 14.4 9.2 13.8#
236 25.8 20.7 31.1





#77
Benzidine
Concen: 85.006 ng
RT: 12.551 min Scan# 1745
Delta R.T. 0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

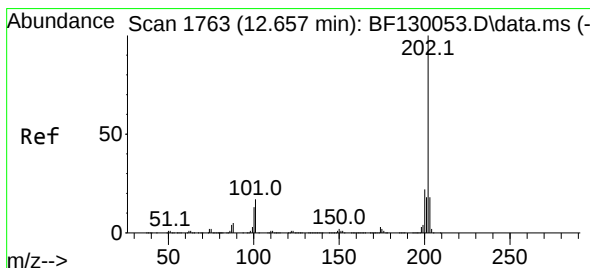
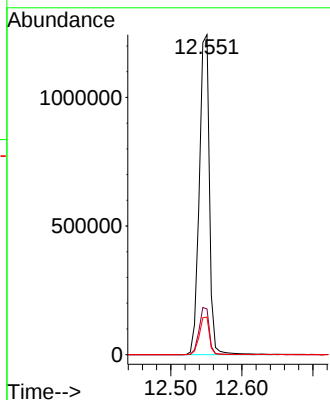
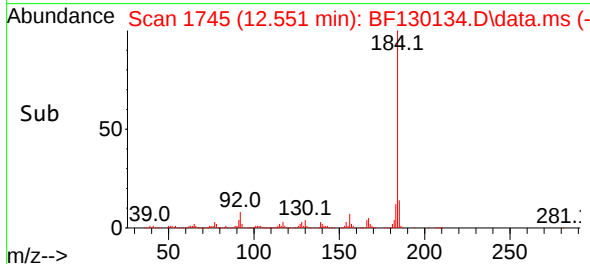
Instrument :
BNA_F
ClientSampleId :
PB147410BS



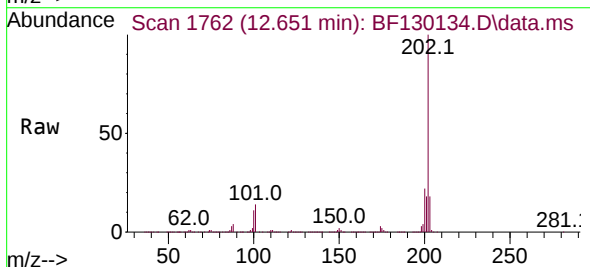
Tgt Ion:184 Resp: 1221042
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 11.7 9.4 14.2

Manual Integrations
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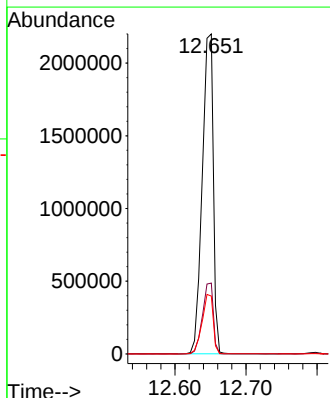
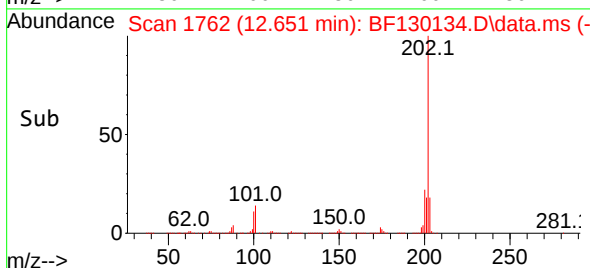
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

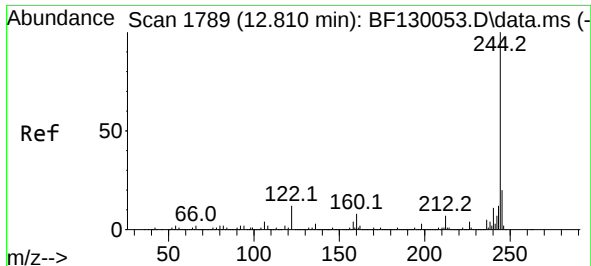


#78
Pyrene
Concen: 49.471 ng
RT: 12.651 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16



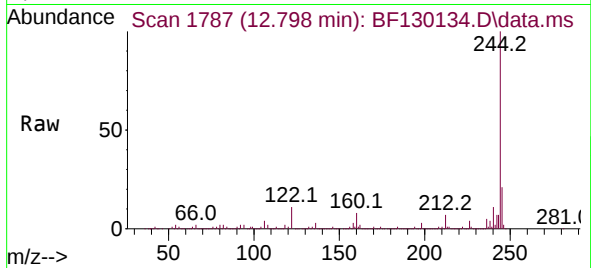
Tgt Ion:202 Resp: 2360752
Ion Ratio Lower Upper
202 100
200 22.1 17.0 25.6
203 18.1 14.1 21.1





#79
Terphenyl-d14
Concen: 99.702 ng
RT: 12.798 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

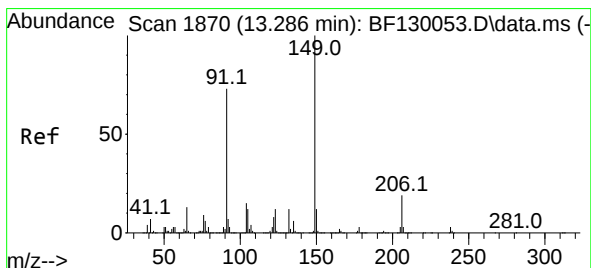
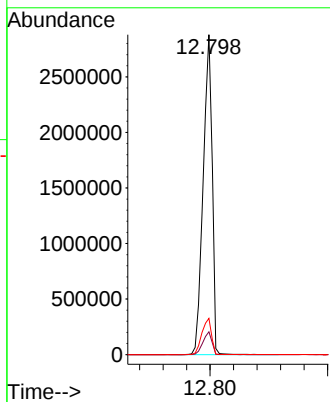
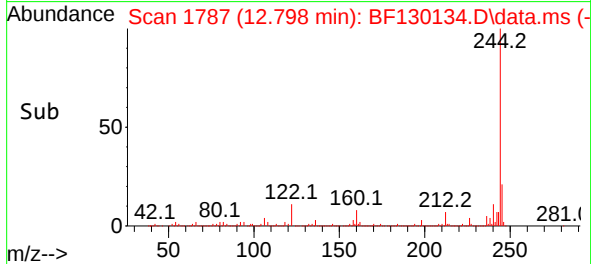
Instrument :
BNA_F
ClientSampleId :
PB147410BS



Tgt Ion:244 Resp: 3058818
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 11.3 9.9 14.9

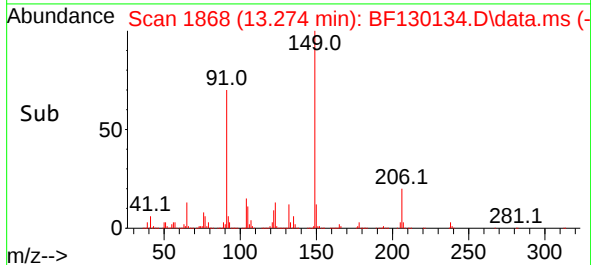
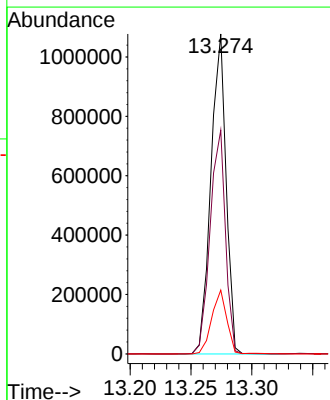
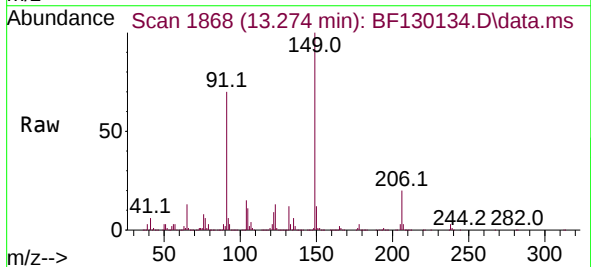
Manual Integrations
APPROVED

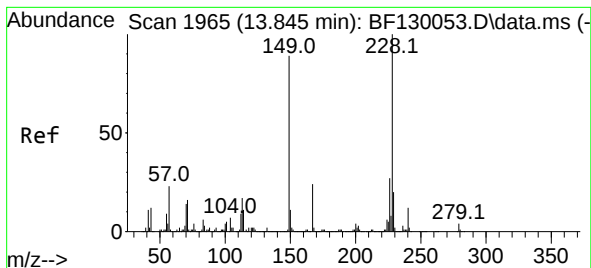
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#80
Butylbenzylphthalate
Concen: 49.294 ng
RT: 13.274 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Tgt Ion:149 Resp: 935628
Ion Ratio Lower Upper
149 100
91 69.9 55.4 83.0
206 19.9 15.8 23.6





#81

Benzo(a)anthracene

Concen: 45.014 ng

RT: 13.827 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS

Tgt Ion:228 Resp: 1641207

Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.0

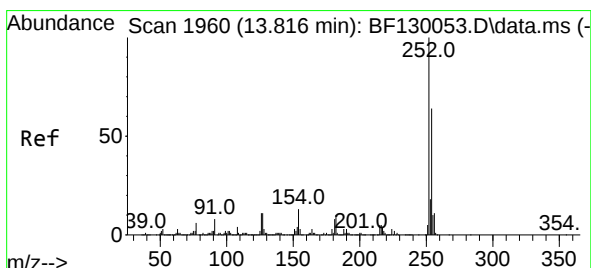
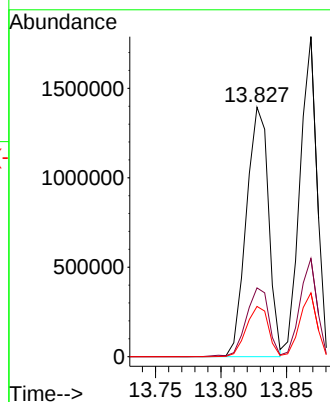
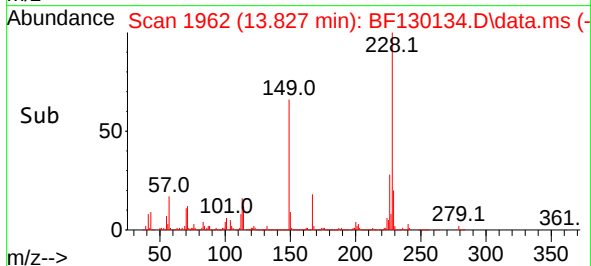
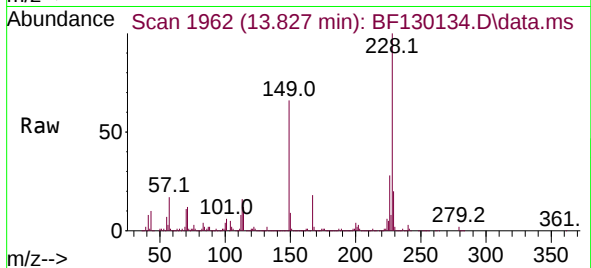
229 20.1 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#82

3,3'-Dichlorobenzidine

Concen: 30.949 ng

RT: 13.798 min Scan# 1957

Delta R.T. -0.006 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

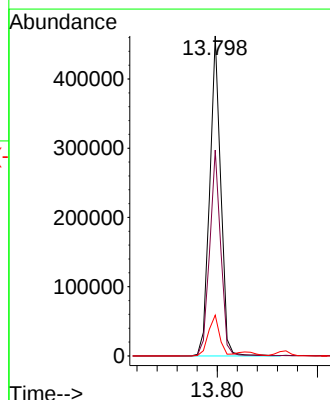
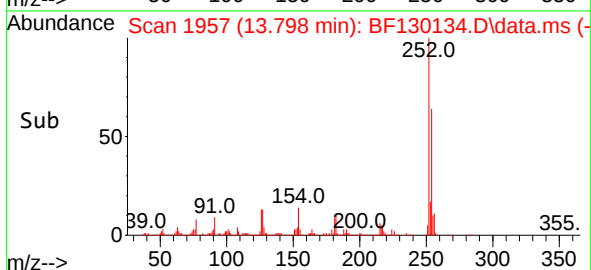
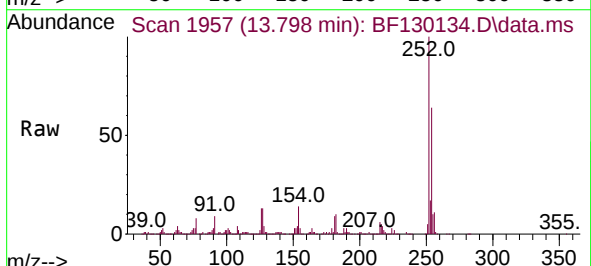
Tgt Ion:252 Resp: 351892

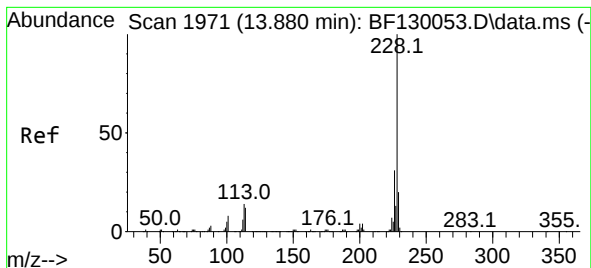
Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.2

126 12.7 10.2 15.4





#83

Chrysene

Concen: 45.194 ng

RT: 13.869 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS

Tgt Ion:228 Resp: 1624564

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

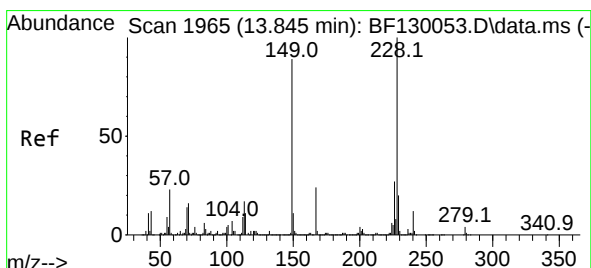
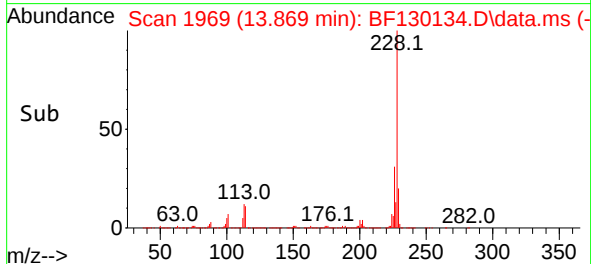
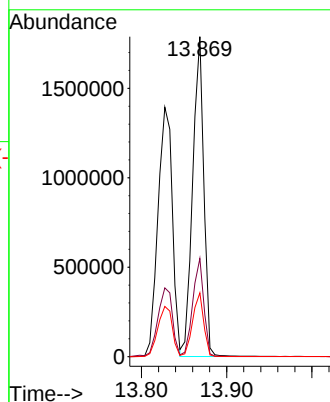
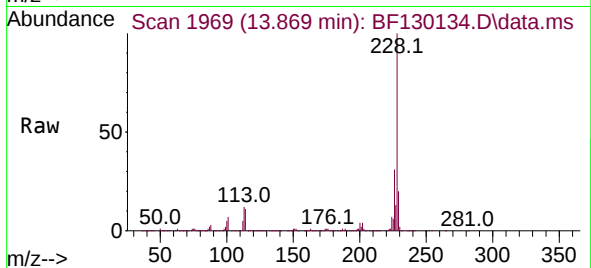
229 19.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.841 ng

RT: 13.833 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

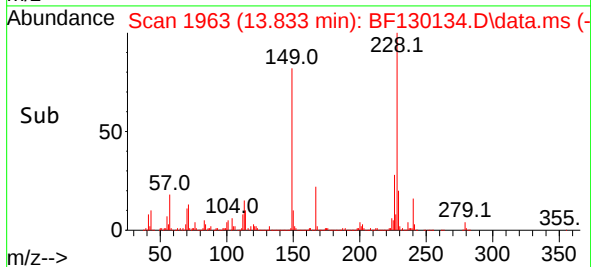
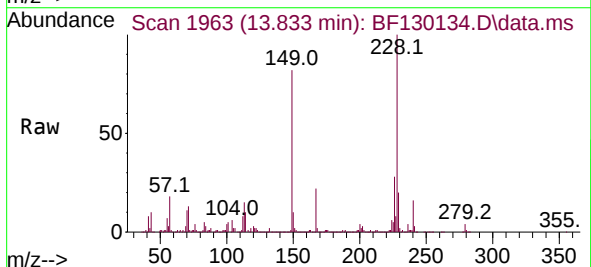
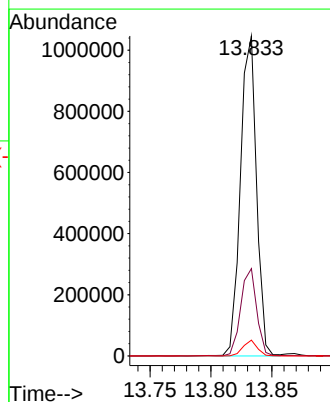
Tgt Ion:149 Resp: 963555

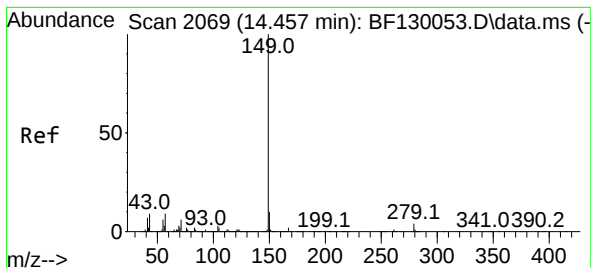
Ion Ratio Lower Upper

149 100

167 27.3 22.0 33.0

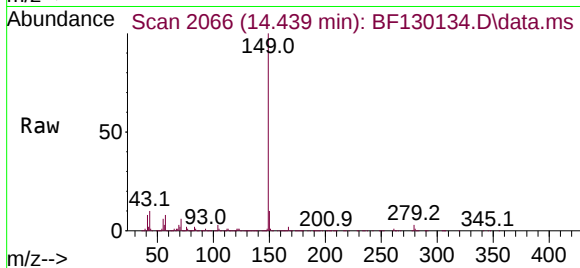
279 5.0 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 41.306 ng
RT: 14.439 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

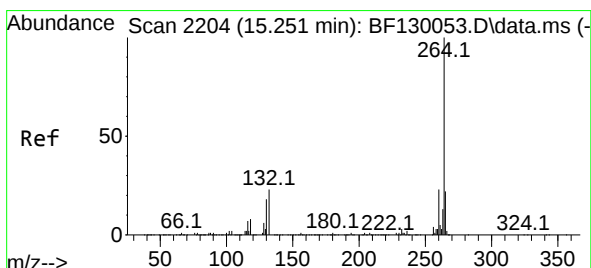
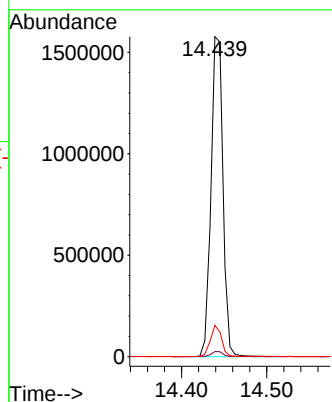
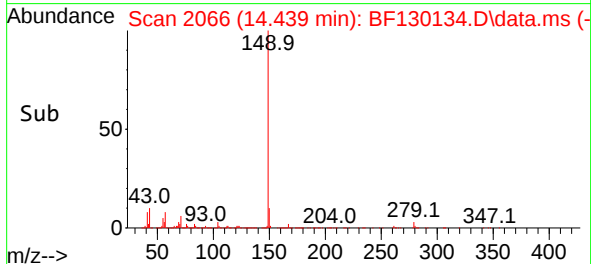
Instrument :
BNA_F
ClientSampleId :
PB147410BS



Tgt Ion:149 Resp: 1539388
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.8 11.6

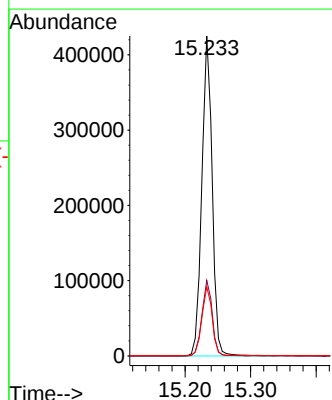
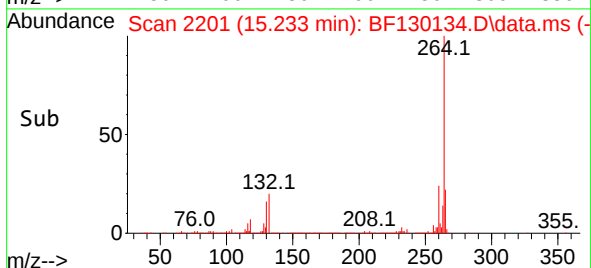
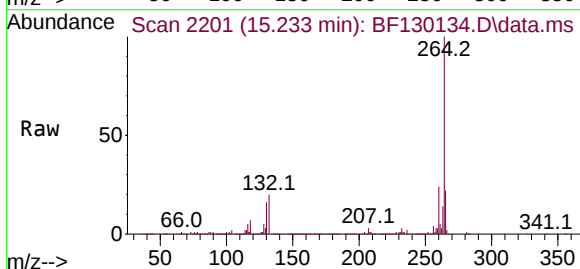
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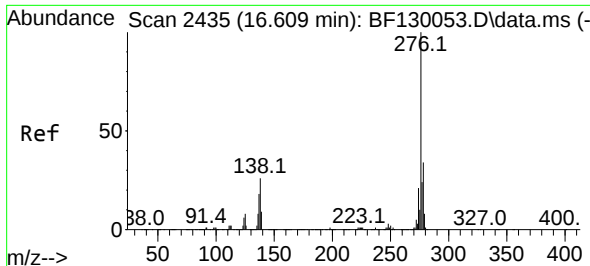
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.233 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Tgt Ion:264 Resp: 461592
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.6 16.7 25.1





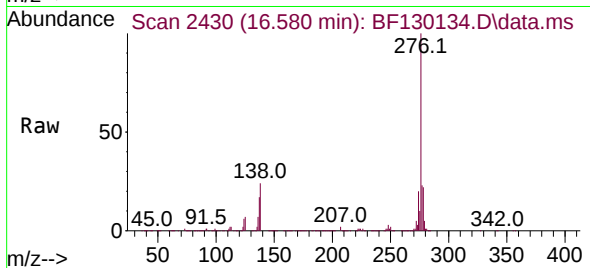
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.237 ng
RT: 16.580 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

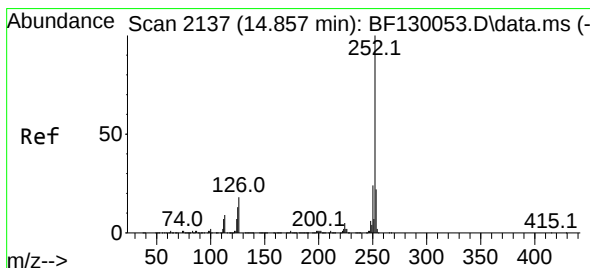
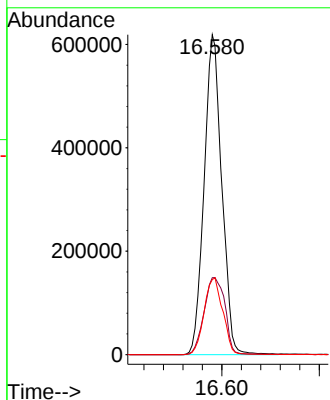
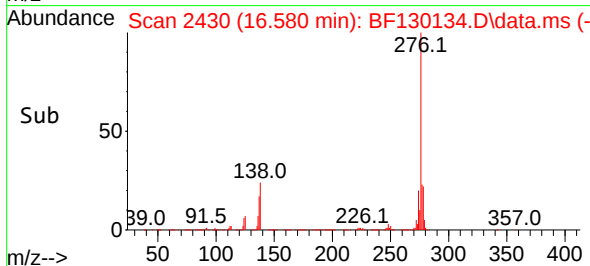
PB147410BS



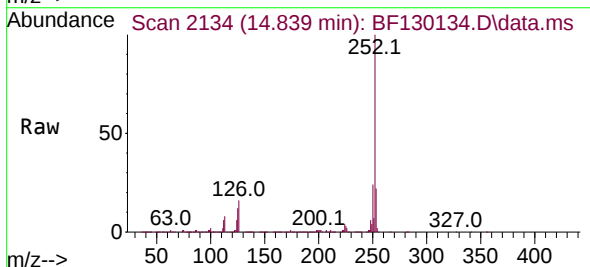
Tgt Ion:276 Resp: 1560091
Ion Ratio Lower Upper
276 100
138 28.4 19.8 29.8
277 25.3 20.4 30.6

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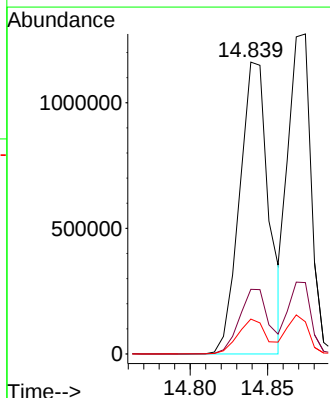
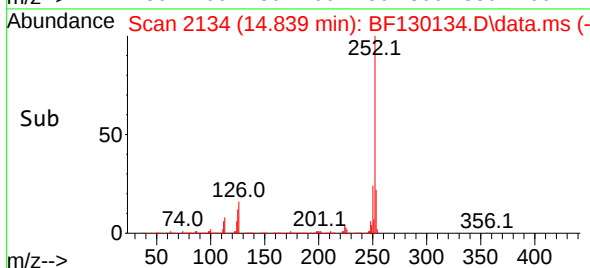
Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

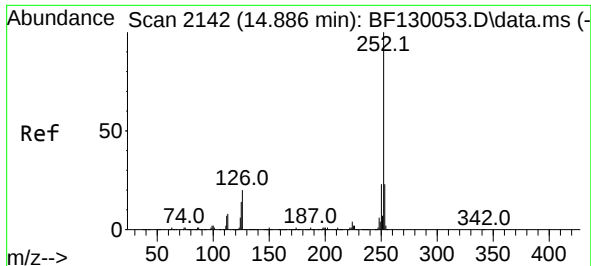


#88
Benzo(b)fluoranthene
Concen: 49.574 ng
RT: 14.839 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF130134.D
Acq: 06 Sep 2022 13:16



Tgt Ion:252 Resp: 1526005
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.9 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 44.659 ng

RT: 14.874 min Scan# 2140

Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS

Tgt Ion:252 Resp: 1329540

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

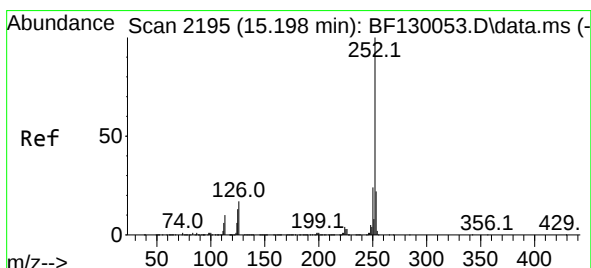
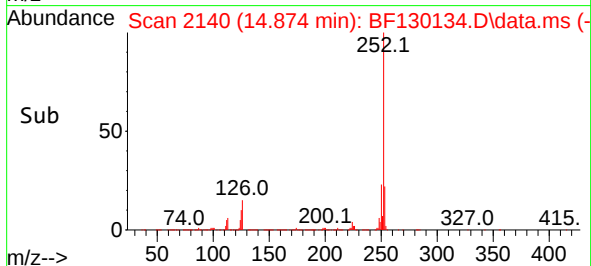
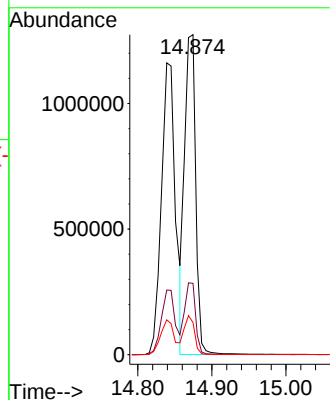
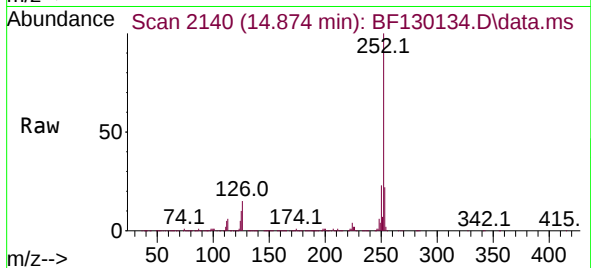
125 10.0 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/07/2022

Supervised By :Jagrut Upadhyay 09/07/2022



#90

Benzo(a)pyrene

Concen: 50.934 ng

RT: 15.180 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

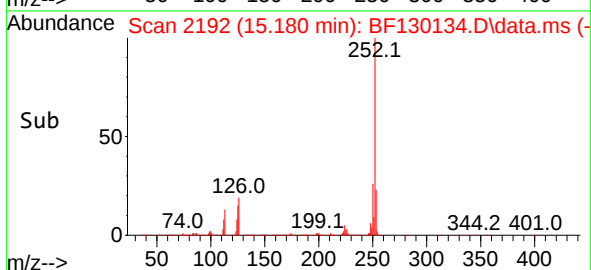
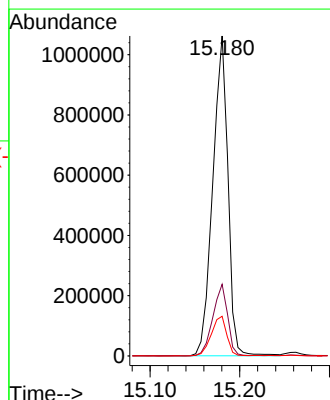
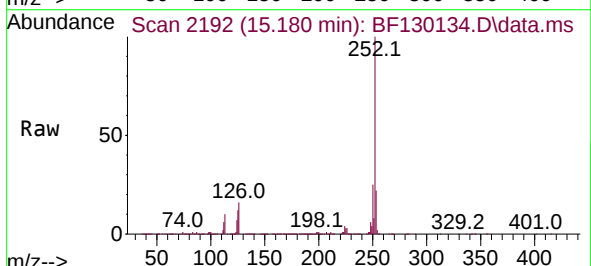
Tgt Ion:252 Resp: 1245827

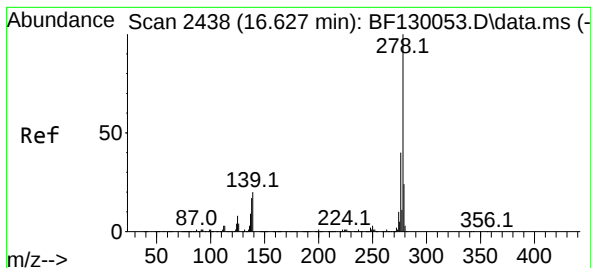
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 12.4 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 53.336 ng

RT: 16.604 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Instrument :

BNA_F

ClientSampleId :

PB147410BS

Tgt Ion:278 Resp: 1328858

Ion Ratio Lower Upper

278 100

139 18.5 12.2 18.4

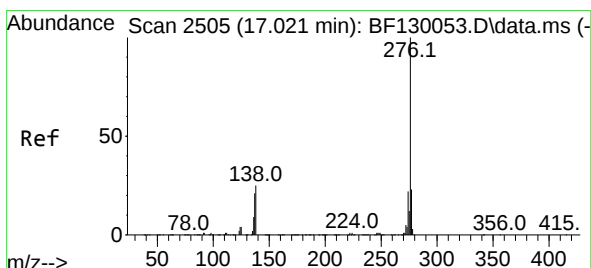
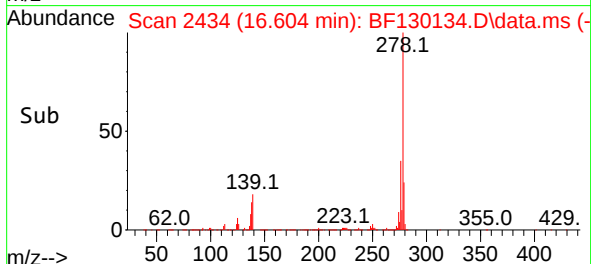
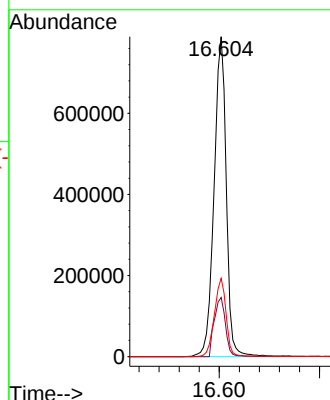
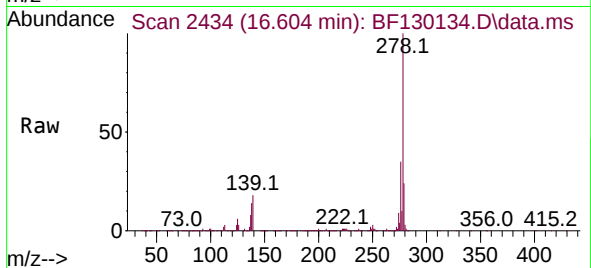
279 24.5 18.7 28.1

Manual Integrations

APPROVED

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#92

Benzo(g,h,i)perylene

Concen: 55.344 ng

RT: 16.992 min Scan# 2500

Delta R.T. -0.006 min

Lab File: BF130134.D

Acq: 06 Sep 2022 13:16

Tgt Ion:276 Resp: 1379593

Ion Ratio Lower Upper

276 100

277 23.7 18.2 27.4

138 24.3 15.8 23.8

