

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130444.D
 Acq On : 28 Sep 2022 12:43
 Operator : CG\JU
 Sample : PB147922BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147922BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/29/2022
 Supervised By : Jagrut Upadhyay 09/29/2022

Quant Time: Sep 29 02:12:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	127969	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	511755	20.000	ng	0.00
39) Acenaphthene-d10	9.680	164	264818	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	448266	20.000	ng	0.00
76) Chrysene-d12	13.792	240	260950	20.000	ng	0.00
86) Perylene-d12	15.180	264	217340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	992195	134.480	ng	0.02
7) Phenol-d6	6.298	99	1198867	129.866	ng	0.00
23) Nitrobenzene-d5	7.216	82	758730	75.744	ng	0.00
42) 2,4,6-Tribromophenol	10.475	330	377928	148.939	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	1445372	79.479	ng	0.00
79) Terphenyl-d14	12.745	244	1492832	94.764	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.346	88	103569	30.565	ng	96
3) Pyridine	3.022	79	281791	31.880	ng	94
4) n-Nitrosodimethylamine	2.981	42	162601	33.823	ng	90
6) Aniline	6.310	93	452633	39.794	ng	# 30
8) 2-Chlorophenol	6.434	128	371118	44.157	ng	91
9) Benzaldehyde	6.192	77	206787	33.440	ng	94
10) Phenol	6.310	94	437461	40.436	ng	# 76
11) bis(2-Chloroethyl)ether	6.392	93	325241	41.680	ng	91
12) 1,3-Dichlorobenzene	6.587	146	399401	43.189	ng	96
13) 1,4-Dichlorobenzene	6.663	146	403730	42.811	ng	97
14) 1,2-Dichlorobenzene	6.816	146	387599	43.997	ng	96
15) Benzyl Alcohol	6.798	79	250736	34.257	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.928	45	394835	34.692	ng	83
17) 2-Methylphenol	6.916	107	305548	44.722	ng	98
18) Hexachloroethane	7.157	117	152301	40.971	ng	91
19) n-Nitroso-di-n-propyla...	7.075	70	240182	38.557	ng	88
20) 3+4-Methylphenols	7.069	107	361513	40.733	ng	# 80
22) Acetophenone	7.063	105	510231	40.780	ng	# 92
24) Nitrobenzene	7.234	77	371978	36.572	ng	95
25) Isophorone	7.475	82	643786	39.875	ng	98
26) 2-Nitrophenol	7.551	139	194309	46.602	ng	# 86
27) 2,4-Dimethylphenol	7.598	122	294458	45.866	ng	94
28) bis(2-Chloroethoxy)met...	7.692	93	387825	42.660	ng	99
29) 2,4-Dichlorophenol	7.798	162	296868	42.197	ng	94
30) 1,2,4-Trichlorobenzene	7.875	180	319922	42.061	ng	94
31) Naphthalene	7.951	128	1041772	39.513	ng	99
32) Benzoic acid	7.745	122	185077	37.278	ng	95
33) 4-Chloroaniline	8.004	127	348114	34.716	ng	98
34) Hexachlorobutadiene	8.069	225	203164	41.794	ng	99
35) Caprolactam	8.386	113	89824m	44.536	ng	
36) 4-Chloro-3-methylphenol	8.498	107	315373	40.443	ng	98
37) 2-Methylnaphthalene	8.639	142	674762	40.140	ng	99
38) 1-Methylnaphthalene	8.739	142	637076	39.451	ng	98
40) 1,2,4,5-Tetrachloroben...	8.810	216	321166	44.440	ng	98
41) Hexachlorocyclopentadiene	8.792	237	372239	96.204	ng	98
43) 2,4,6-Trichlorophenol	8.928	196	206443	40.930	ng	96

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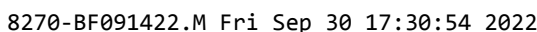
Quant Time: Sep 29 02:12:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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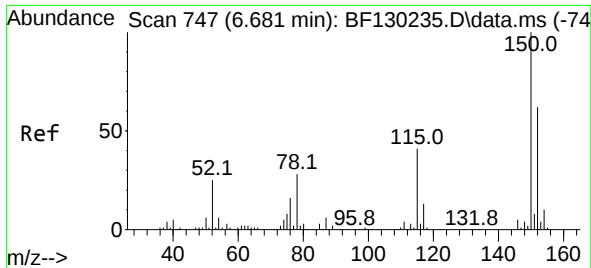
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.969	196	221994	40.787	ng	98
46) 1,1'-Biphenyl	9.110	154	820335	41.478	ng	97
47) 2-Chloronaphthalene	9.133	162	641524	40.098	ng	96
48) 2-Nitroaniline	9.233	65	186831	35.012	ng	88
49) Acenaphthylene	9.545	152	948009	39.520	ng	100
50) Dimethylphthalate	9.416	163	723517	39.553	ng	99
51) 2,6-Dinitrotoluene	9.480	165	164300	42.947	ng	# 73
52) Acenaphthene	9.716	154	685358m	43.485	ng	
53) 3-Nitroaniline	9.645	138	137084	32.158	ng	91
54) 2,4-Dinitrophenol	9.757	184	170022	81.777	ng	# 82
55) Dibenzofuran	9.886	168	871585	39.758	ng	97
56) 4-Nitrophenol	9.822	139	238735	76.891	ng	# 85
57) 2,4-Dinitrotoluene	9.880	165	216606	44.302	ng	93
58) Fluorene	10.227	166	706672	39.416	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.010	232	176620	41.459	ng	91
60) Diethylphthalate	10.116	149	705355	38.452	ng	98
61) 4-Chlorophenyl-phenyle...	10.222	204	326774	41.549	ng	99
62) 4-Nitroaniline	10.263	138	168016	39.234	ng	89
63) Azobenzene	10.386	77	637367	33.743	ng	91
65) 4,6-Dinitro-2-methylph...	10.286	198	111455	44.665	ng	91
66) n-Nitrosodiphenylamine	10.345	169	592759	39.571	ng	98
67) 4-Bromophenyl-phenylether	10.710	248	210104	42.487	ng	97
68) Hexachlorobenzene	10.775	284	244440	43.606	ng	# 92
69) Atrazine	10.880	200	192567	43.989	ng	96
70) Pentachlorophenol	10.975	266	238876	79.401	ng	99
71) Phenanthrene	11.186	178	979464	38.918	ng	100
72) Anthracene	11.239	178	997206	41.059	ng	99
73) Carbazole	11.398	167	897753	40.958	ng	99
74) Di-n-butylphthalate	11.733	149	1021071	38.631	ng	99
75) Fluoranthene	12.369	202	1008538	41.471	ng	99
77) Benzidine	12.498	184	380041	50.169	ng	99
78) Pyrene	12.598	202	987728	43.268	ng	99
80) Butylbenzylphthalate	13.221	149	363247	42.953	ng	98
81) Benzo(a)anthracene	13.780	228	714679	41.169	ng	99
82) 3,3'-Dichlorobenzidine	13.751	252	216654	45.848	ng	98
83) Chrysene	13.821	228	666502	40.436	ng	100
84) Bis(2-ethylhexyl)phtha...	13.780	149	406609	41.976	ng	99
85) Di-n-octyl phthalate	14.392	149	544313	36.738	ng	# 94
87) Indeno(1,2,3-cd)pyrene	16.504	276	674139	43.740	ng	98
88) Benzo(b)fluoranthene	14.792	252	619716	43.686	ng	98
89) Benzo(k)fluoranthene	14.821	252	588769m	42.192	ng	
90) Benzo(a)pyrene	15.121	252	530526	47.206	ng	98
91) Dibenzo(a,h)anthracene	16.521	278	579730	45.851	ng	99
92) Benzo(g,h,i)perylene	16.904	276	588041	46.170	ng	97

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

Manual Integrations APPROVED

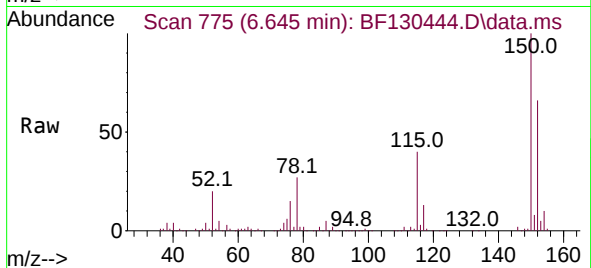
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.645 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130444.D
 Acq: 28 Sep 2022 12:43

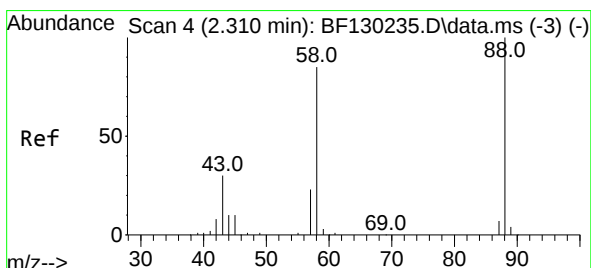
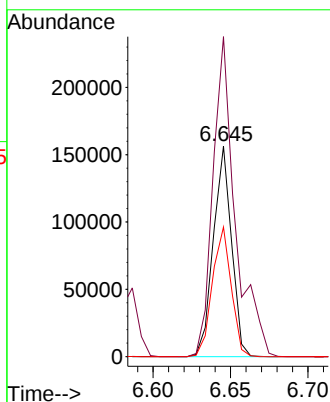
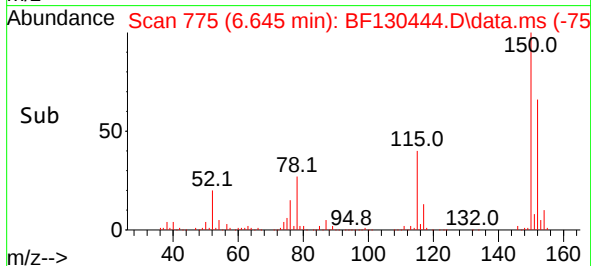
Instrument :
 BNA_F
 ClientSampleId :
 PB147922BS



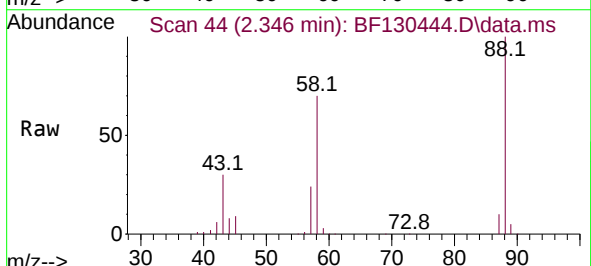
Tgt Ion: 152 Resp: 127969
 Ion Ratio Lower Upper
 152 100
 150 152.1 122.8 184.2
 115 61.5 53.8 80.8

Manual Integrations
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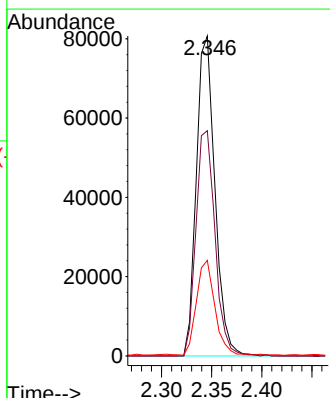
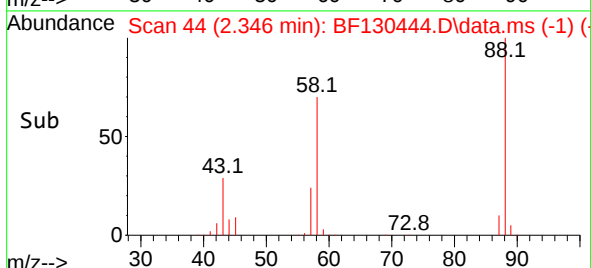
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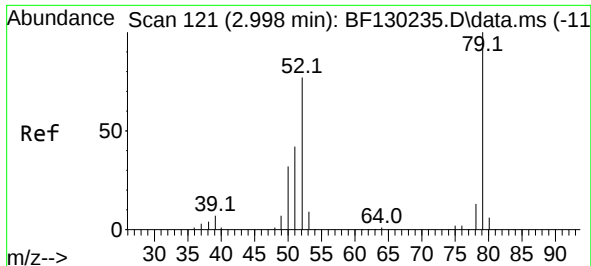


#2
 1,4-Dioxane
 Concen: 30.565 ng
 RT: 2.346 min Scan# 44
 Delta R.T. 0.082 min
 Lab File: BF130444.D
 Acq: 28 Sep 2022 12:43



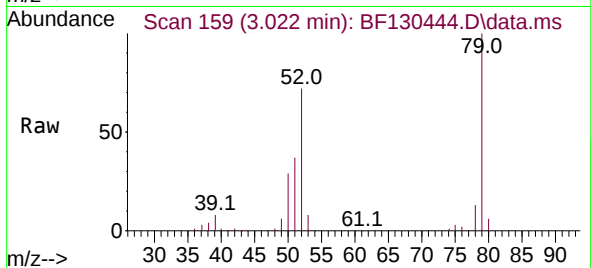
Tgt Ion: 88 Resp: 103569
 Ion Ratio Lower Upper
 88 100
 58 72.4 61.3 91.9
 43 29.0 23.0 34.6





#3
Pyridine
Concen: 31.880 ng
RT: 3.022 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

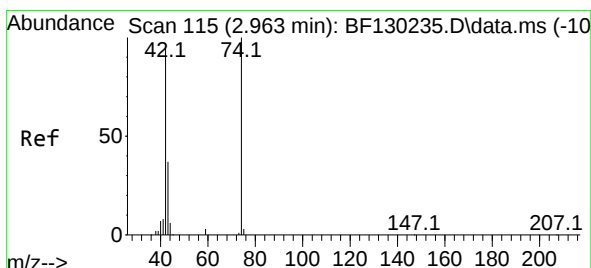
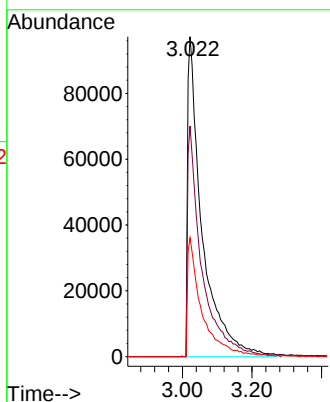
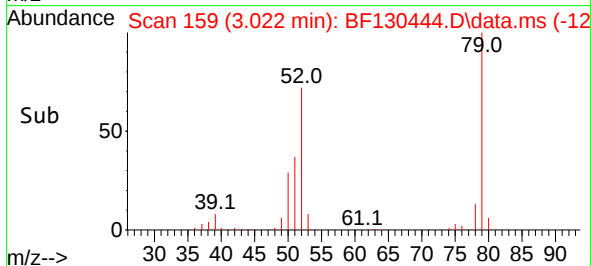
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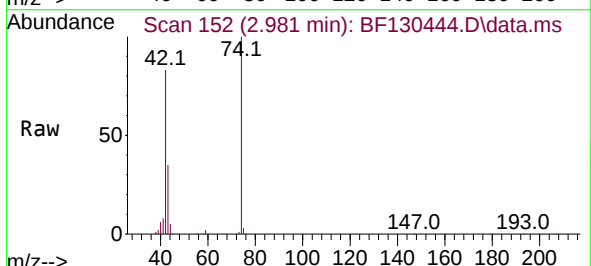
Tgt Ion: 79 Resp: 281791
Ion Ratio Lower Upper
79 100
52 72.0 62.4 93.6
51 37.1 32.2 48.4

Manual Integrations
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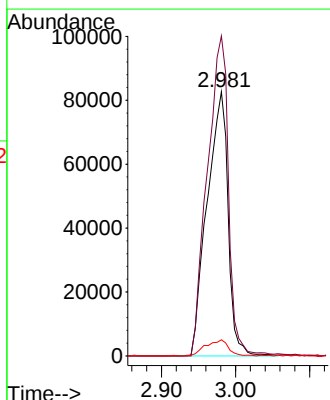
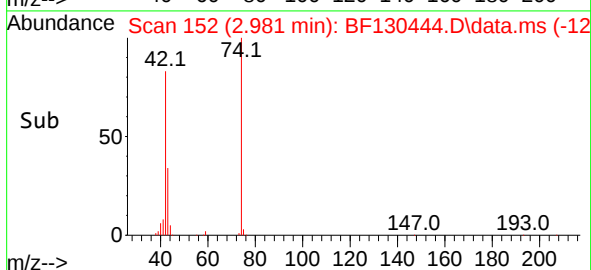
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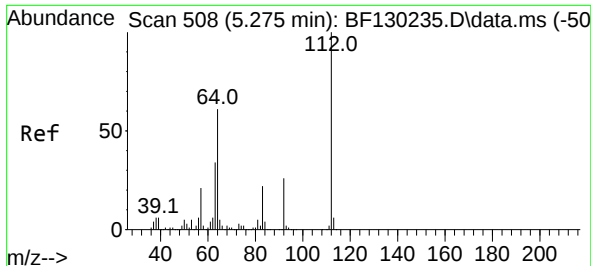


#4
n-Nitrosodimethylamine
Concen: 33.823 ng
RT: 2.981 min Scan# 152
Delta R.T. 0.076 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43



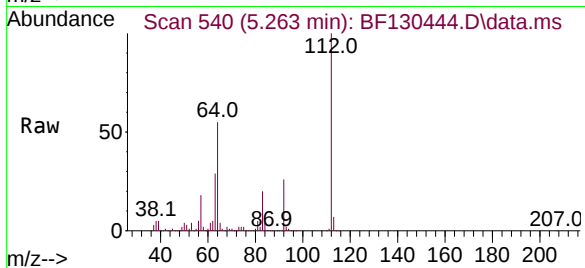
Tgt Ion: 42 Resp: 162601
Ion Ratio Lower Upper
42 100
74 121.2 88.4 132.6
44 6.1 5.0 7.4





#5
2-Fluorophenol
Concen: 134.480 ng
RT: 5.263 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

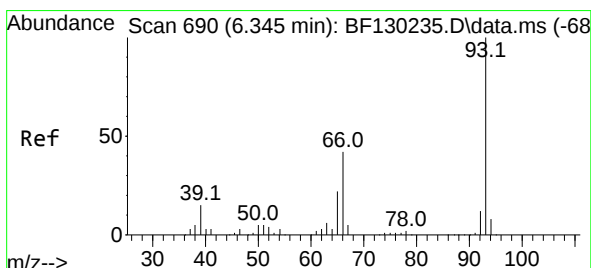
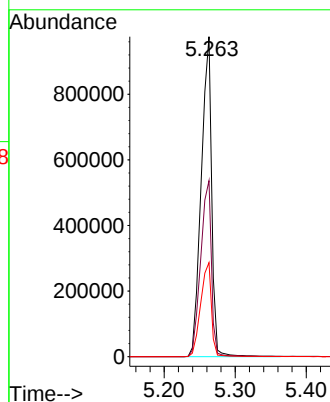
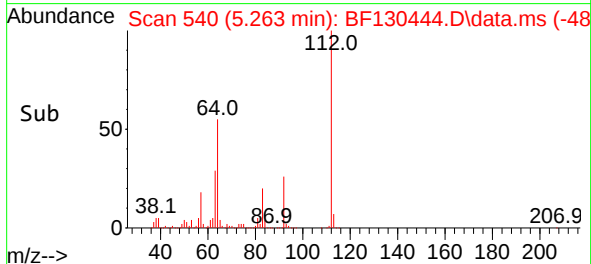
Instrument :
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Tgt Ion:112 Resp: 992195
Ion Ratio Lower Upper
112 100
64 55.0 51.4 77.0
63 29.4 28.8 43.2

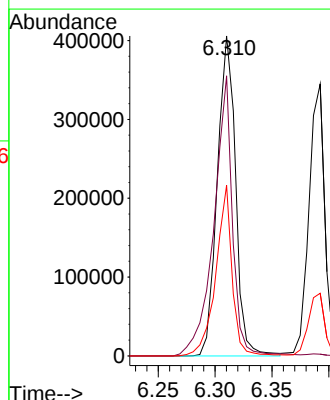
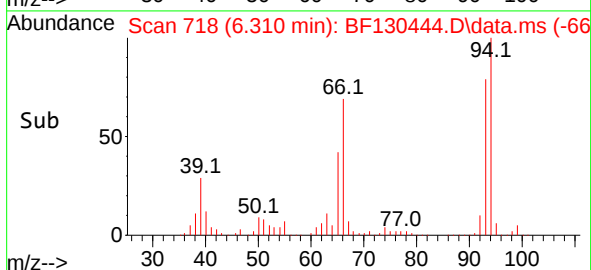
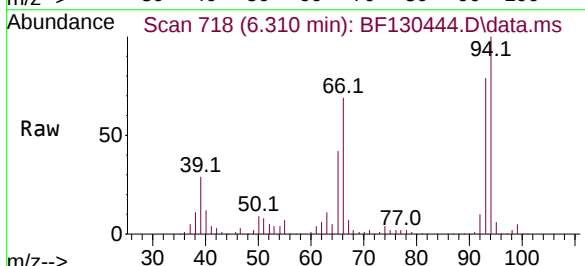
Manual Integrations
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#6
Aniline
Concen: 39.794 ng
RT: 6.310 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

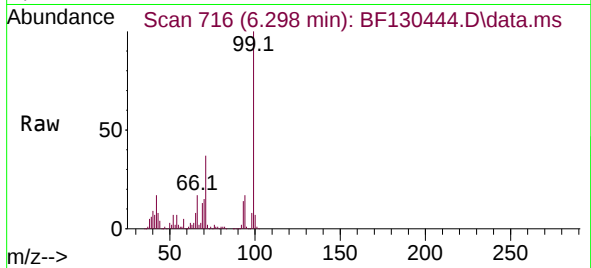
Tgt Ion: 93 Resp: 452633
Ion Ratio Lower Upper
93 100
66 87.5 34.2 51.4#
65 53.3 16.6 24.8#





#7
Phenol-d6
Concen: 129.866 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

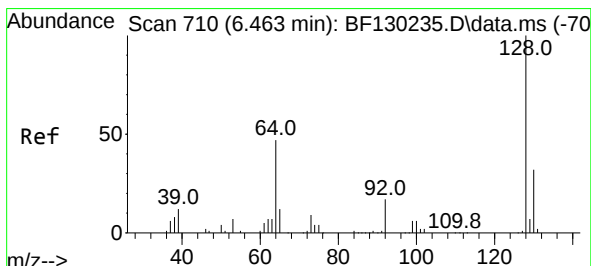
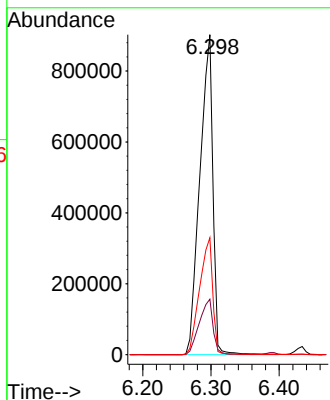
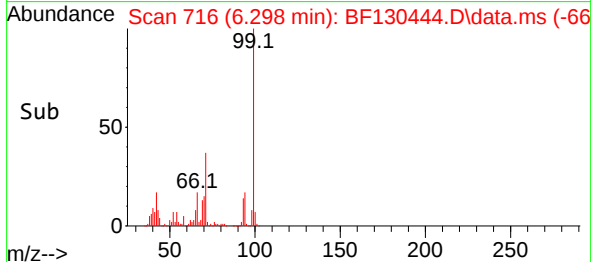
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Tgt Ion: 99 Resp: 1198862
Ion Ratio Lower Upper
99 100
42 17.3 17.0 25.6
71 36.5 32.3 48.5

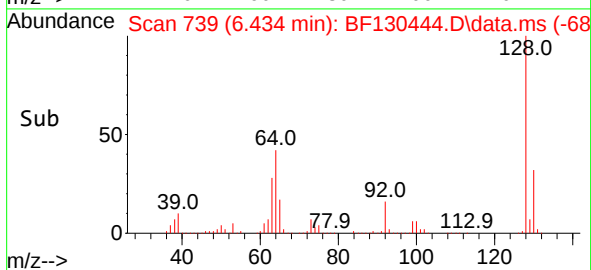
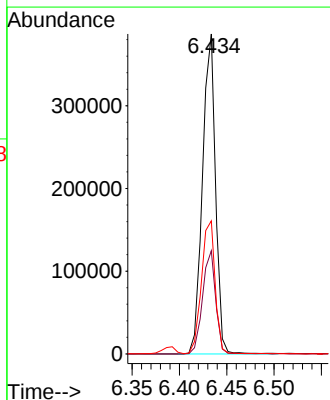
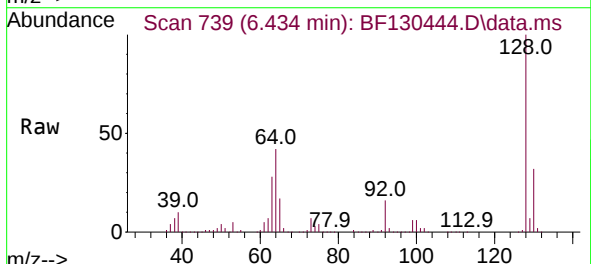
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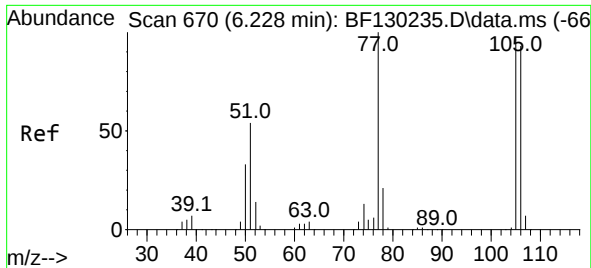
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Supervised By :Jagrut Upadhyay 09/29/2022



#8
2-Chlorophenol
Concen: 44.157 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

Tgt Ion:128 Resp: 371118
Ion Ratio Lower Upper
128 100
130 32.2 12.4 52.4
64 41.6 31.6 71.6





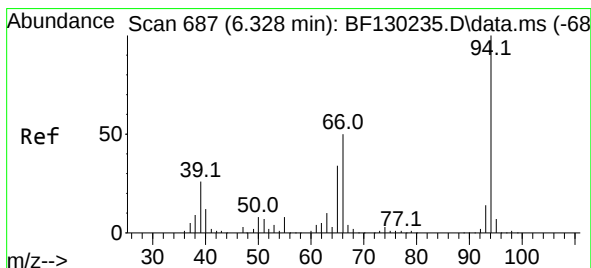
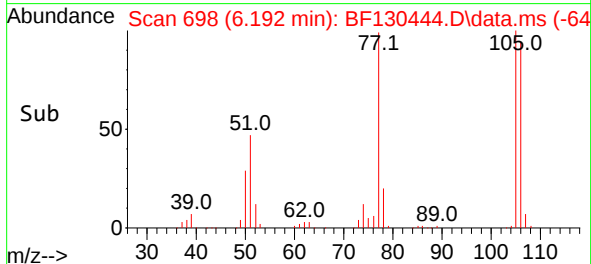
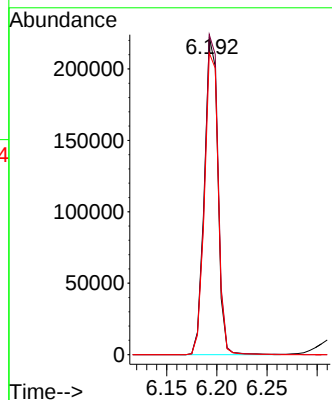
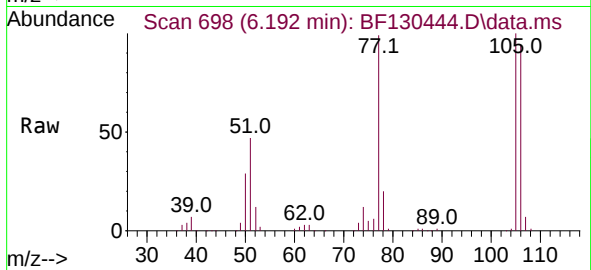
#9
Benzaldehyde
Concen: 33.440 ng
RT: 6.192 min Scan# 69
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

Instrument :
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Tgt Ion: 77 Resp: 20678
Ion Ratio Lower Upper
77 100
105 100.7 75.1 115.1
106 94.9 69.7 109.7

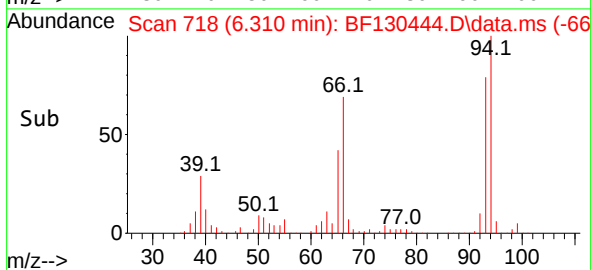
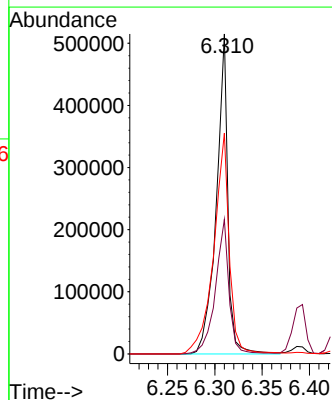
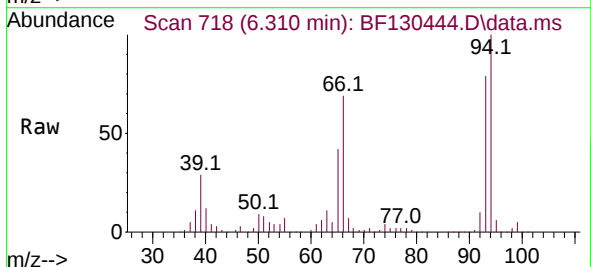
Manual Integrations
APPROVED

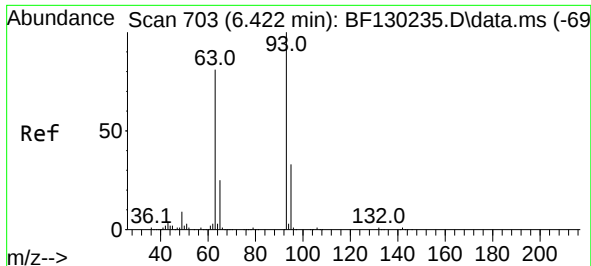
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#10
Phenol
Concen: 40.436 ng
RT: 6.310 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

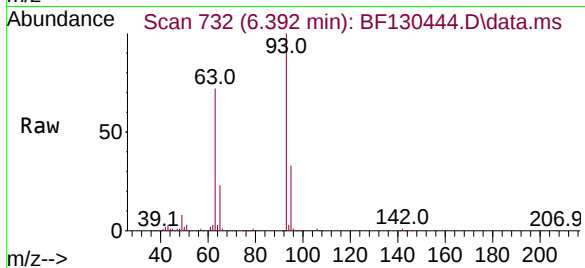
Tgt Ion: 94 Resp: 437461
Ion Ratio Lower Upper
94 100
65 42.0 14.1 54.1
66 69.0 28.1 68.1#





#11
bis(2-Chloroethyl)ether
Concen: 41.680 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

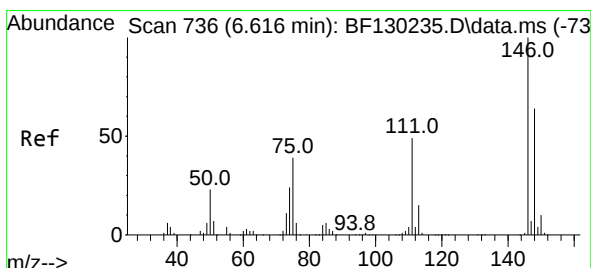
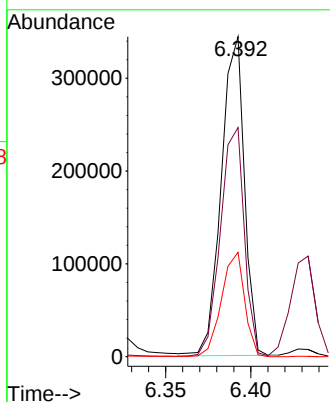
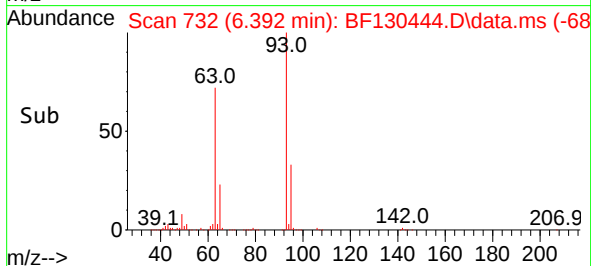
Instrument :
BNA_F
ClientSampleId :
PB147922BS



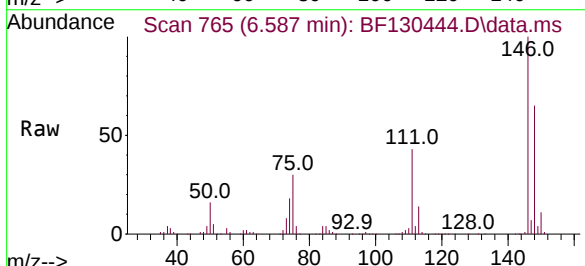
Tgt Ion: 93 Resp: 325241
Ion Ratio Lower Upper
93 100
63 71.6 62.5 102.5
95 32.6 12.5 52.5

Manual Integrations
APPROVED

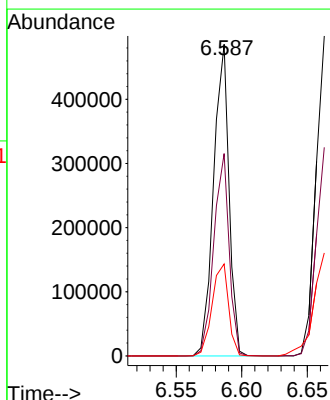
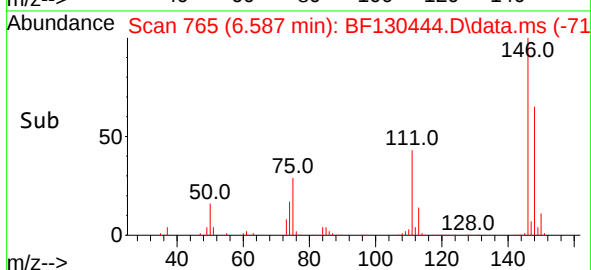
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

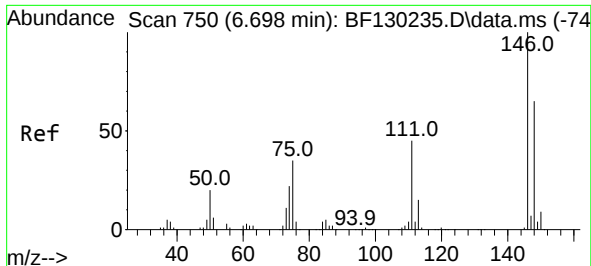


#12
1,3-Dichlorobenzene
Concen: 43.189 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43



Tgt Ion:146 Resp: 399401
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
75 29.5 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 42.811 ng

RT: 6.663 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF130444.D

Acq: 28 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

PB147922BS

Tgt Ion:146 Resp: 403730

Ion Ratio Lower Upper

146 100

148 65.2 50.3 75.5

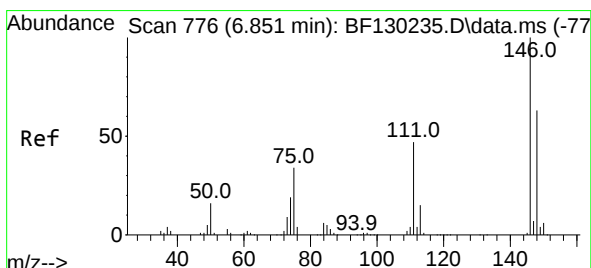
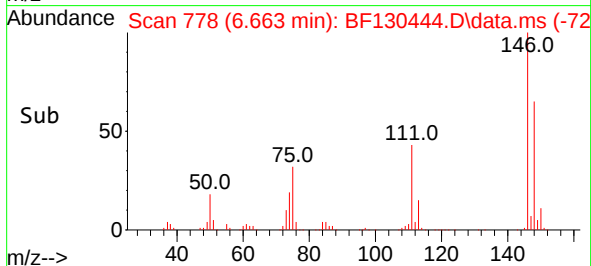
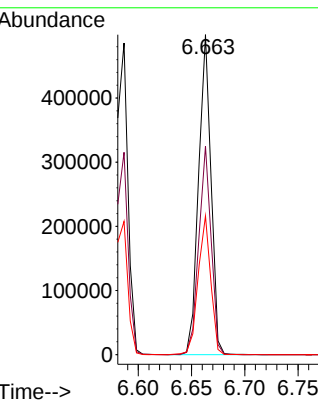
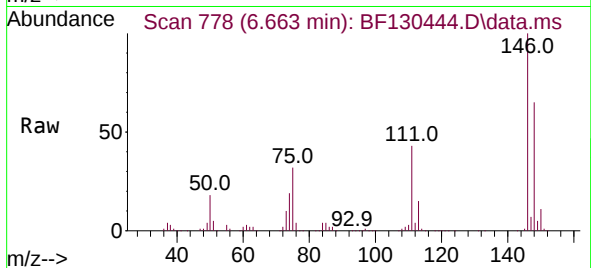
111 43.3 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#14

1,2-Dichlorobenzene

Concen: 43.997 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF130444.D

Acq: 28 Sep 2022 12:43

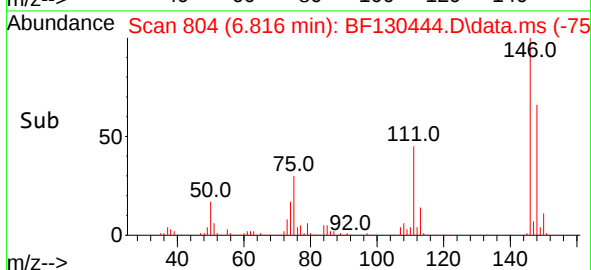
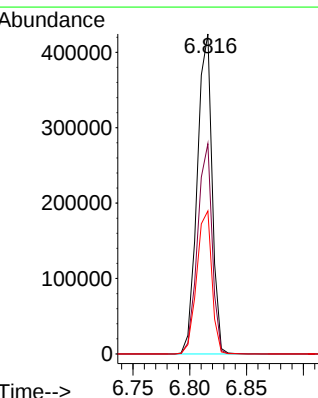
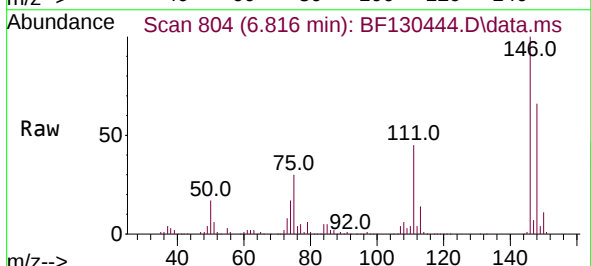
Tgt Ion:146 Resp: 387599

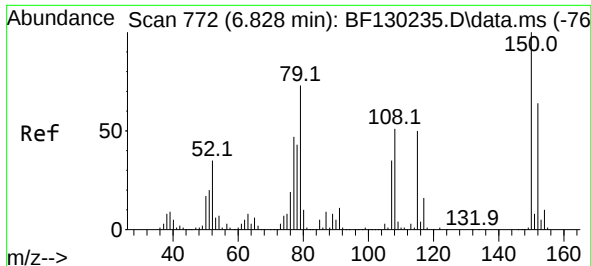
Ion Ratio Lower Upper

146 100

148 65.7 51.6 77.4

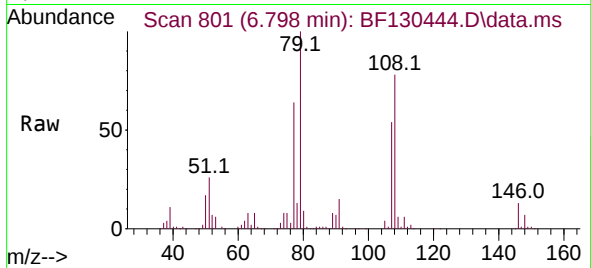
111 44.7 39.2 58.8





#15
Benzyl Alcohol
Concen: 34.257 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

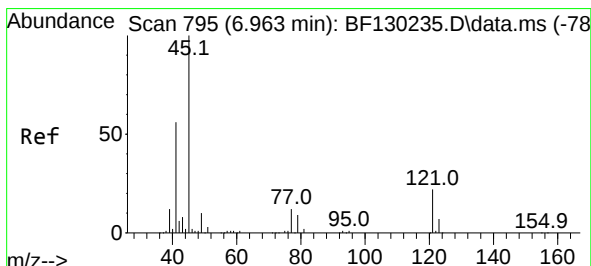
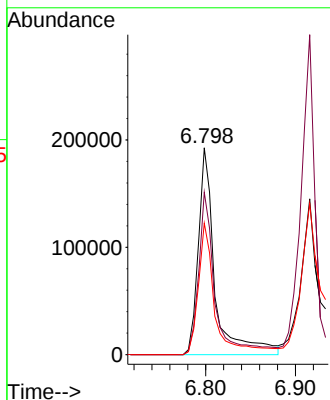
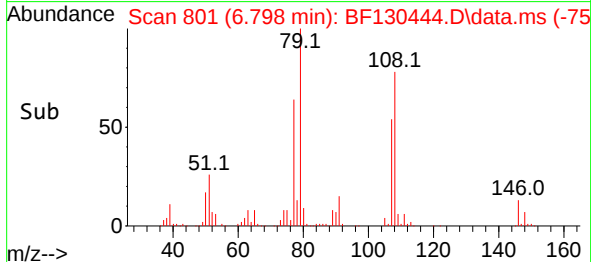
Instrument :
BNA_F
ClientSampleId :
PB147922BS



Tgt Ion: 79 Resp: 250736
Ion Ratio Lower Upper
79 100
108 78.5 54.0 81.0
77 63.6 51.3 76.9

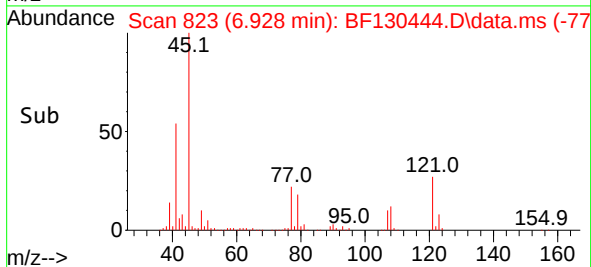
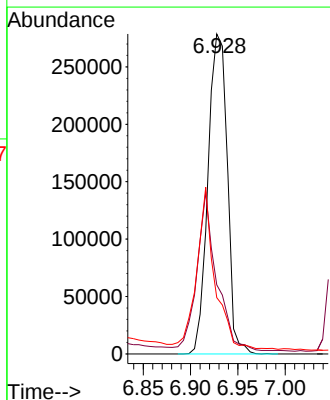
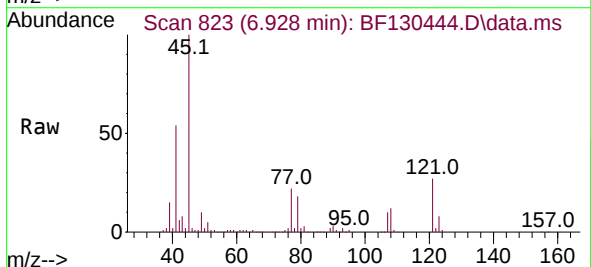
Manual Integrations
APPROVED

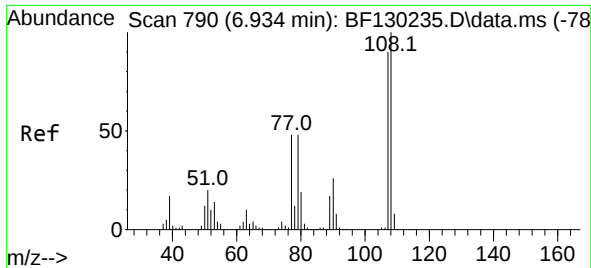
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.692 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

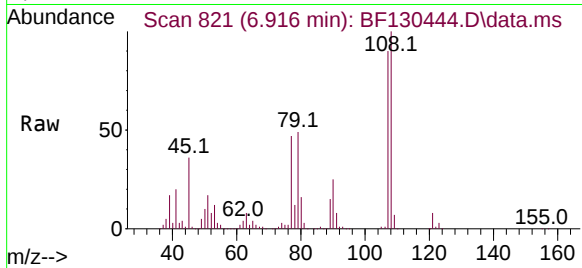
Tgt Ion: 45 Resp: 394835
Ion Ratio Lower Upper
45 100
77 21.6 0.0 34.9
79 17.6 0.0 31.0





#17
2-Methylphenol
Concen: 44.722 ng
RT: 6.916 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

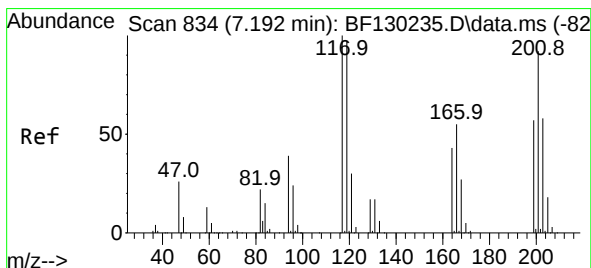
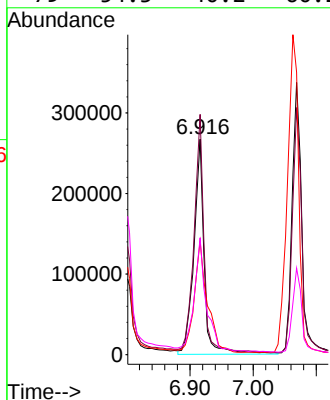
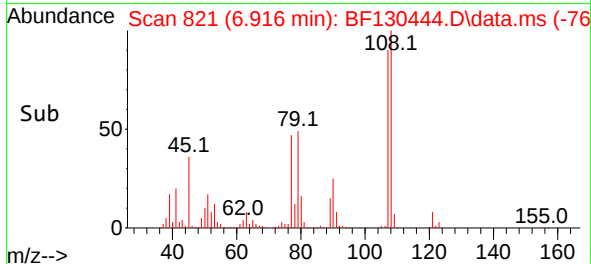
Instrument :
BNA_F
ClientSampleId :
PB147922BS



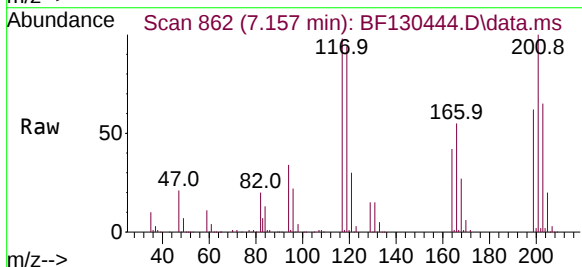
Tgt Ion:107 Resp: 305548
Ion Ratio Lower Upper
107 100
108 111.5 89.4 134.0
77 52.6 40.6 60.8
79 54.3 40.2 60.2

Manual Integrations
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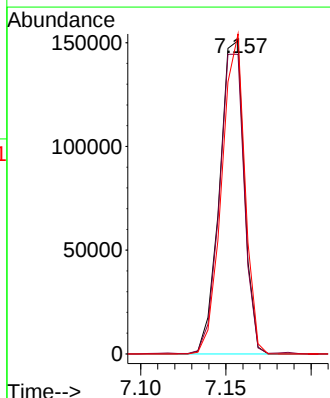
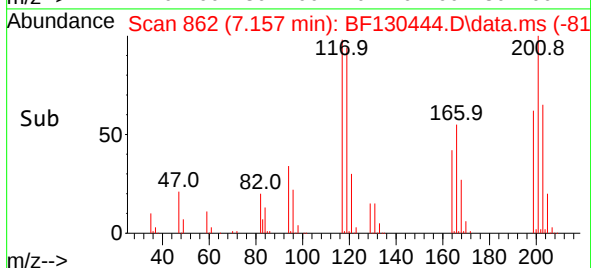
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

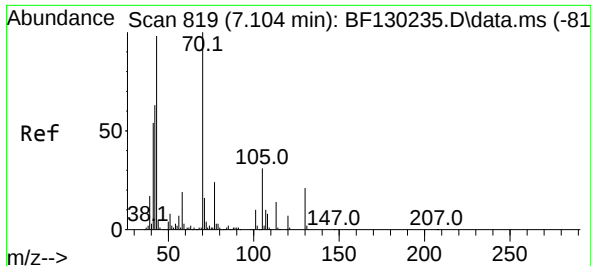


#18
Hexachloroethane
Concen: 40.971 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43



Tgt Ion:117 Resp: 152301
Ion Ratio Lower Upper
117 100
119 95.7 77.8 116.6
201 102.2 68.7 103.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.557 ng

RT: 7.075 min Scan# 84

Delta R.T. 0.006 min

Lab File: BF130444.D

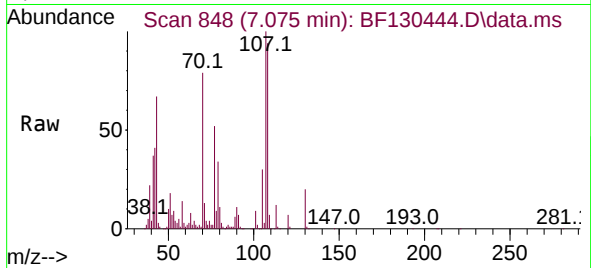
Acq: 28 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

PB147922BS



Tgt Ion: 70 Resp: 240182

Ion Ratio Lower Upper

70 100

42 52.4 50.8 76.2

101 10.8 8.2 12.4

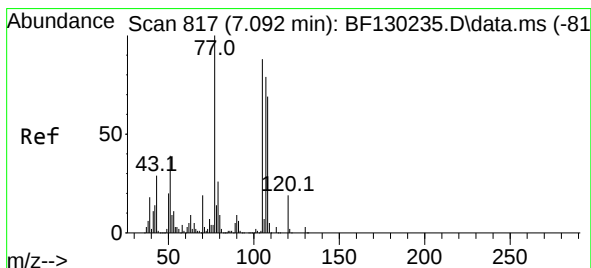
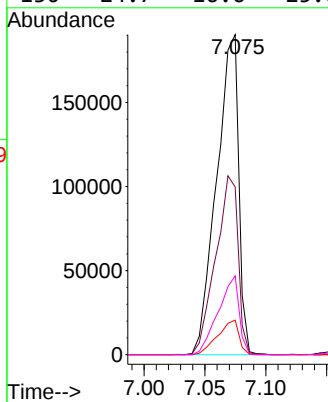
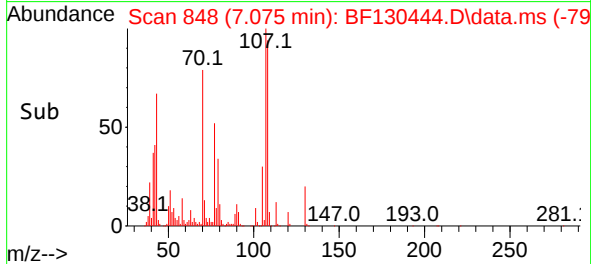
130 24.7 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#20

3+4-Methylphenols

Concen: 40.733 ng

RT: 7.069 min Scan# 847

Delta R.T. -0.000 min

Lab File: BF130444.D

Acq: 28 Sep 2022 12:43

Tgt Ion:107 Resp: 361513

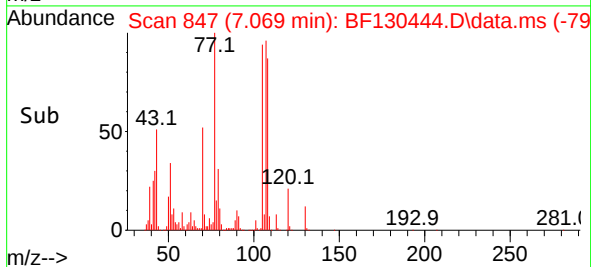
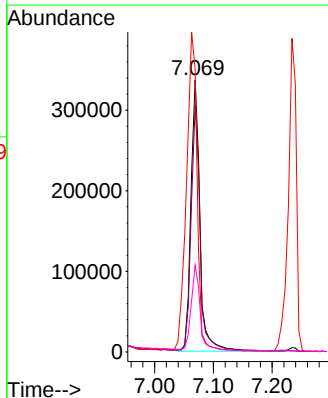
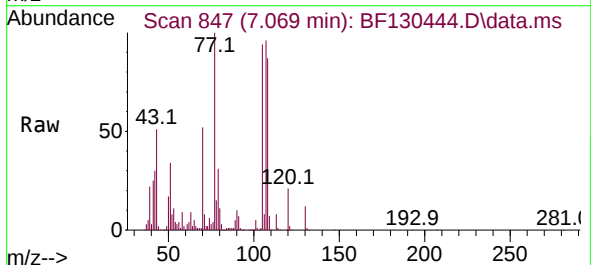
Ion Ratio Lower Upper

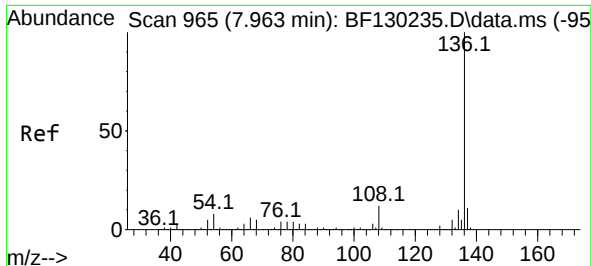
107 100

108 90.8 74.8 114.8

77 103.8 125.8 165.8#

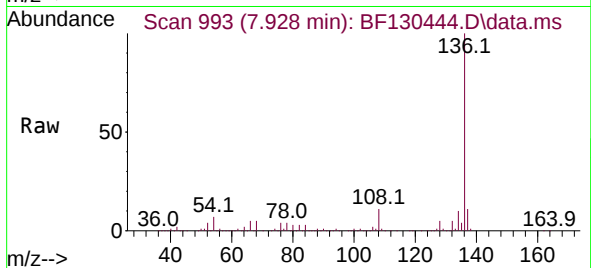
79 31.8 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

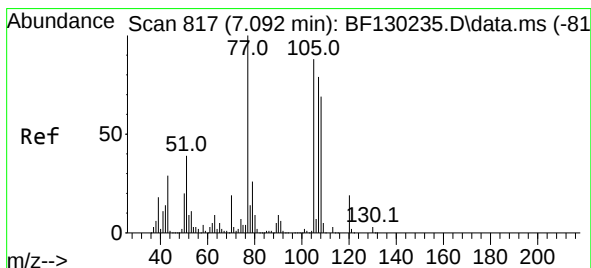
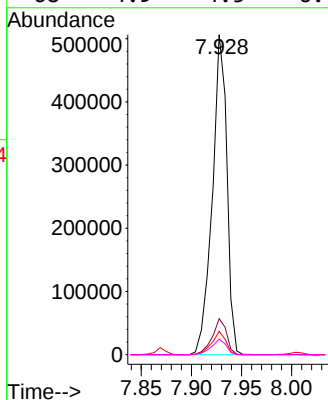
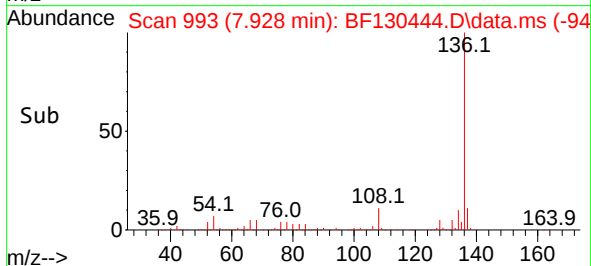
Instrument :
BNA_F
ClientSampleId :
PB147922BS



Tgt Ion:	136	Resp:	51175
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	7.3	7.1	10.7
68	4.9	4.5	6.7

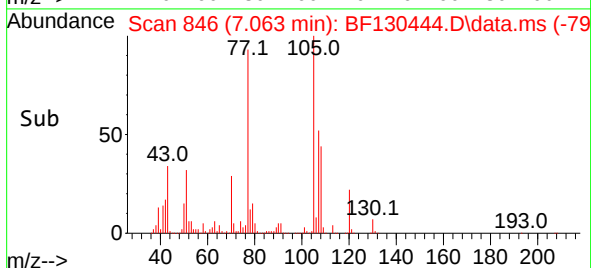
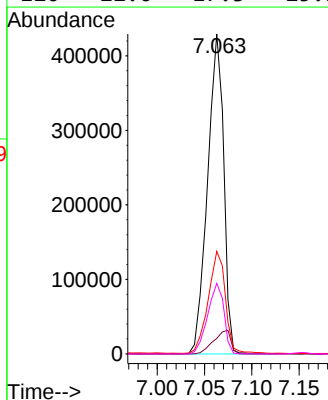
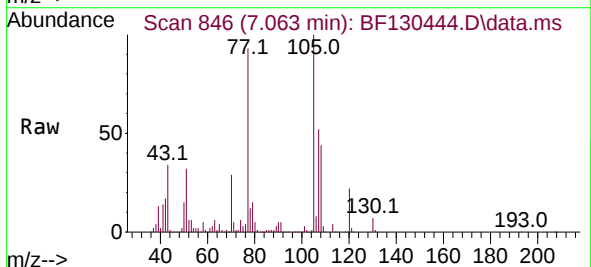
Manual Integrations
APPROVED

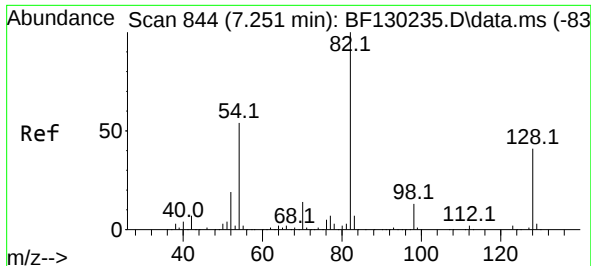
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#22
Acetophenone
Concen: 40.780 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

Tgt Ion:	105	Resp:	510231
Ion Ratio	Lower	Upper	
105	100		
71	4.8	3.9	5.9
51	32.0	32.2	48.2
120	22.0	17.3	25.9





#23

Nitrobenzene-d5

Concen: 75.744 ng

RT: 7.216 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF130444.D

Acq: 28 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

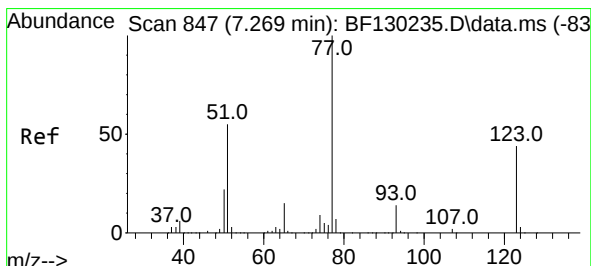
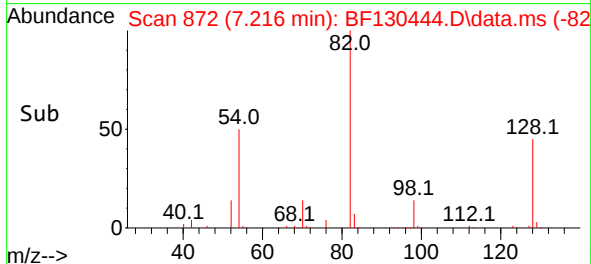
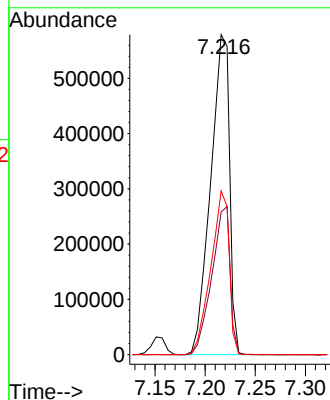
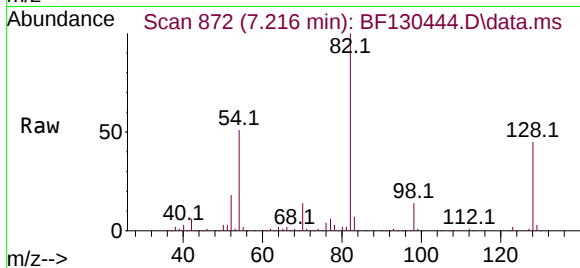
PB147922BS

Tgt Ion: 82 Resp: 758730
 Ion Ratio Lower Upper
 82 100
 128 44.6 32.6 49.0
 54 51.1 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#24

Nitrobenzene

Concen: 36.572 ng

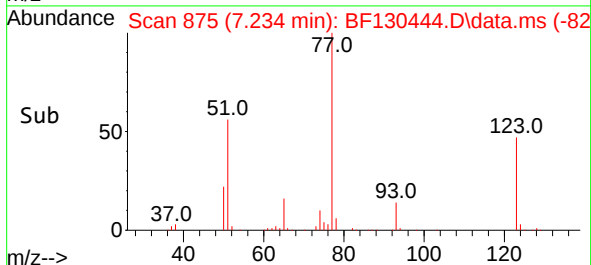
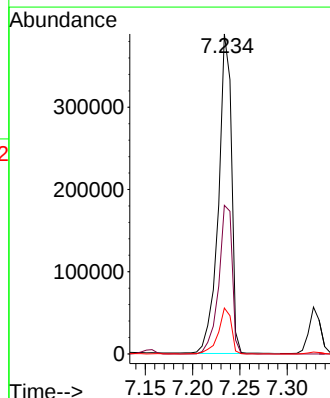
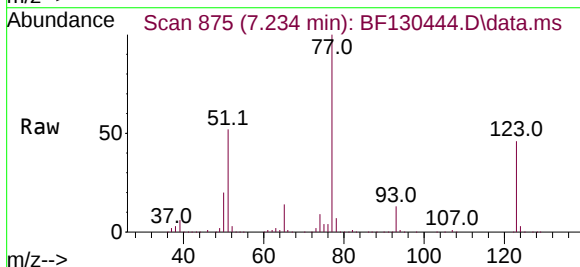
RT: 7.234 min Scan# 875

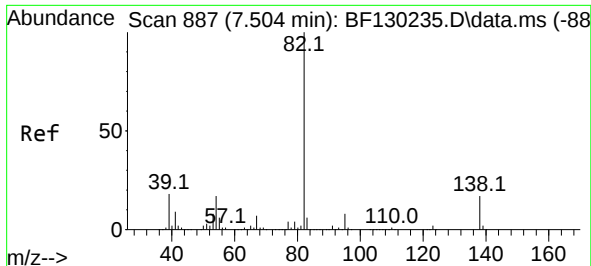
Delta R.T. -0.000 min

Lab File: BF130444.D

Acq: 28 Sep 2022 12:43

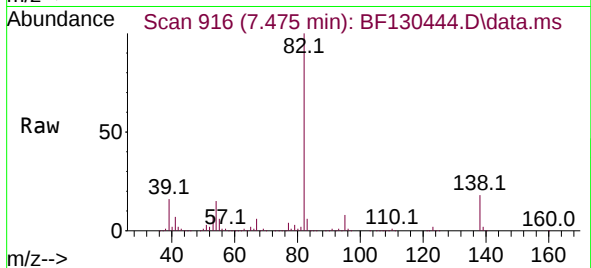
Tgt Ion: 77 Resp: 371978
 Ion Ratio Lower Upper
 77 100
 123 46.4 34.3 51.5
 65 14.3 12.0 18.0





#25
Isophorone
Concen: 39.875 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

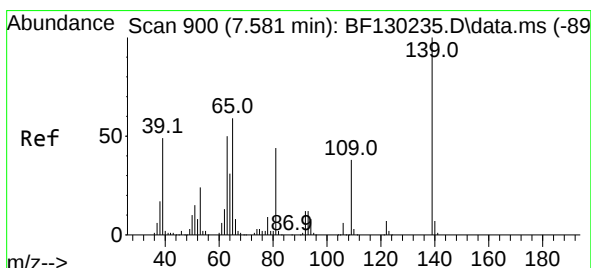
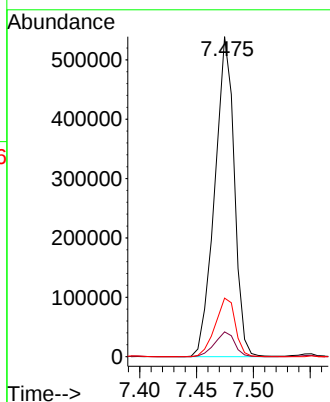
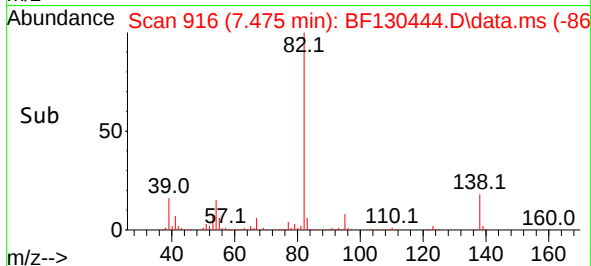
Instrument :
BNA_F
ClientSampleId :
PB147922BS



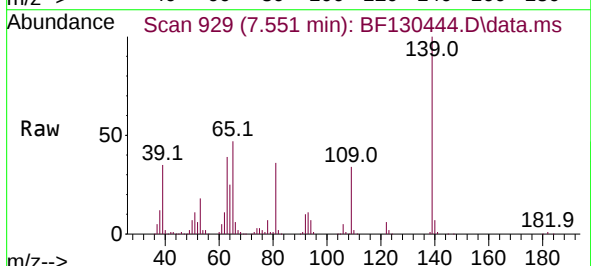
Tgt Ion: 82 Resp: 643786
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.3 13.8 20.6

Manual Integrations
APPROVED

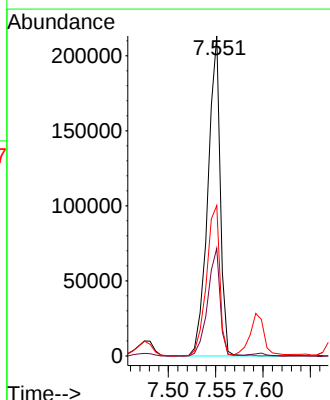
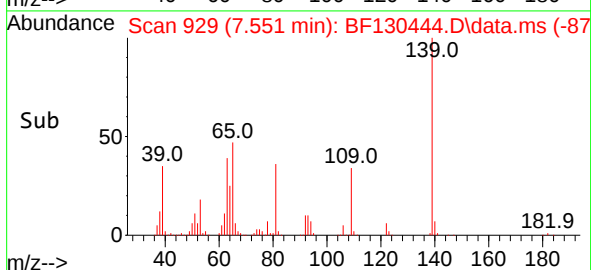
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

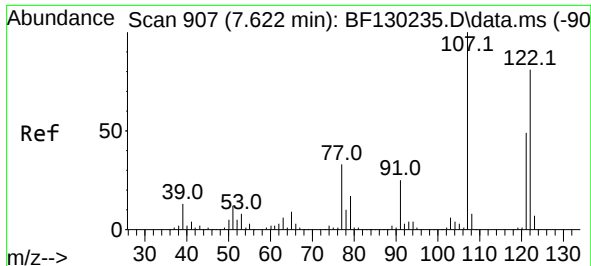


#26
2-Nitrophenol
Concen: 46.602 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43



Tgt Ion:139 Resp: 194309
Ion Ratio Lower Upper
139 100
109 33.6 30.2 45.4
65 47.0 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 45.866 ng

RT: 7.598 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130444.D

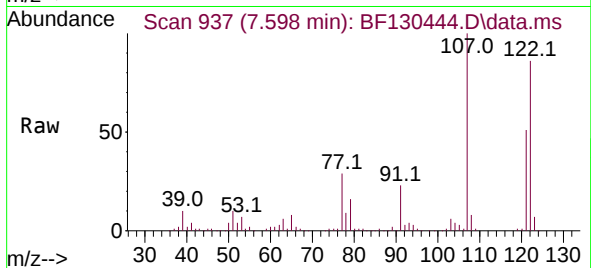
Acq: 28 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

PB147922BS



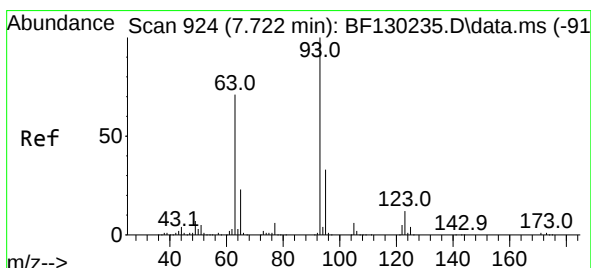
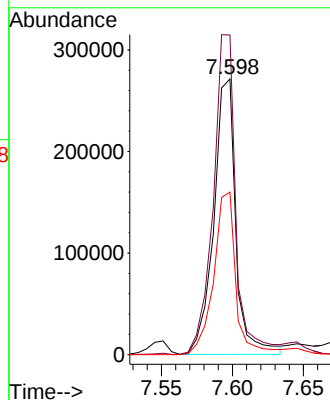
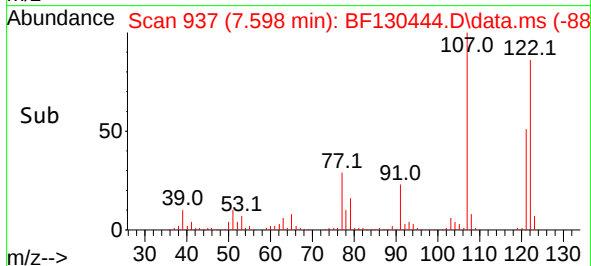
Tgt Ion:	122	Resp:	294458
Ion Ratio	Lower	Upper	
122	100		
107	116.0	100.2	150.2
121	59.0	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#28

bis(2-Chloroethoxy)methane

Concen: 42.660 ng

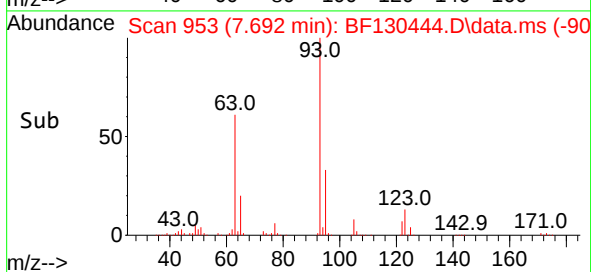
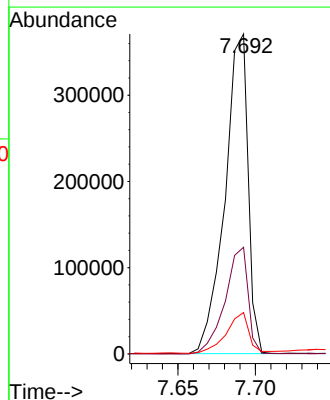
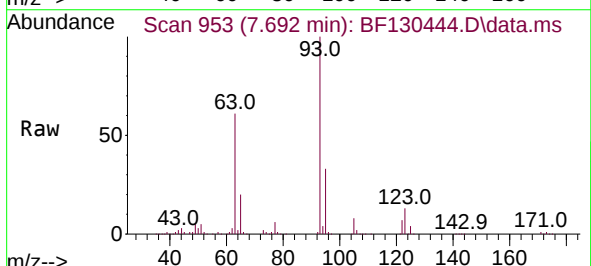
RT: 7.692 min Scan# 953

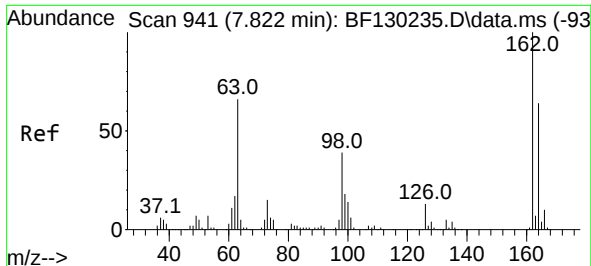
Delta R.T. 0.006 min

Lab File: BF130444.D

Acq: 28 Sep 2022 12:43

Tgt Ion:	93	Resp:	387825
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.3	39.5
123	12.9	9.4	14.2





#29

2,4-Dichlorophenol

Concen: 42.197 ng

RT: 7.798 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130444.D

Acq: 28 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

PB147922BS

Tgt Ion:162 Resp: 296868

Ion Ratio Lower Upper

162 100

164 64.6 42.2 82.2

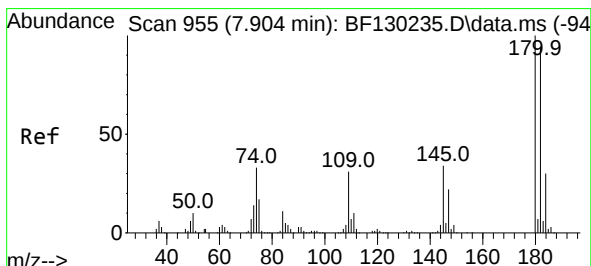
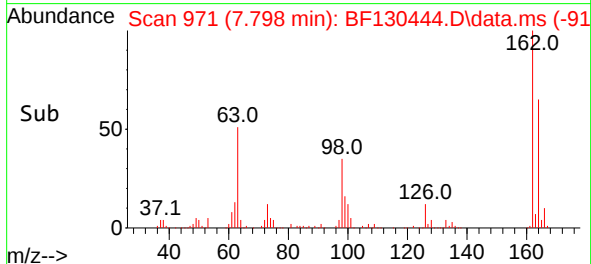
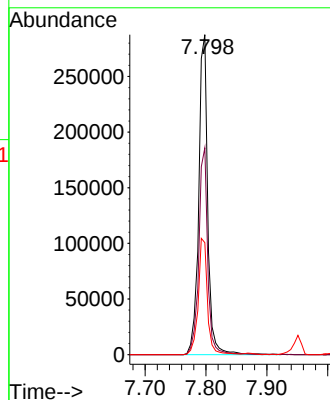
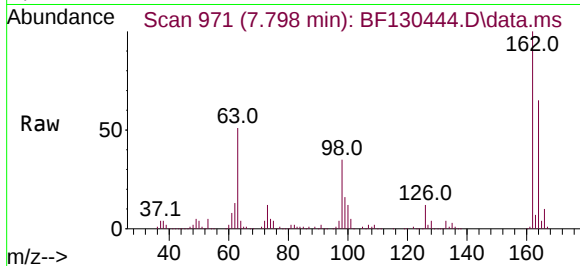
98 35.0 21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.061 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.000 min

Lab File: BF130444.D

Acq: 28 Sep 2022 12:43

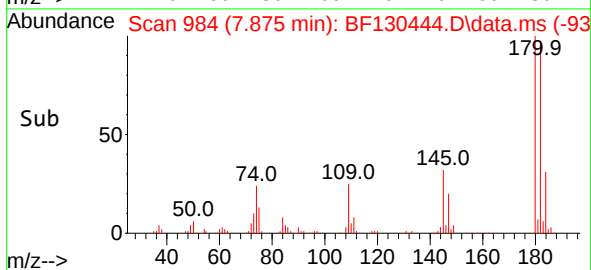
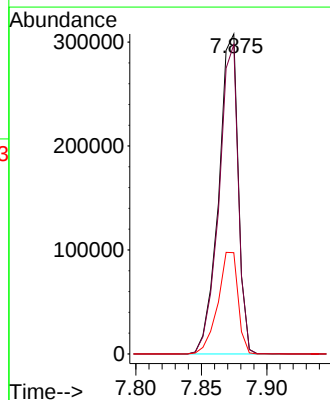
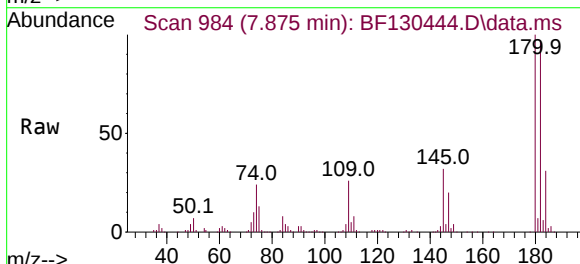
Tgt Ion:180 Resp: 319922

Ion Ratio Lower Upper

180 100

182 96.6 73.3 109.9

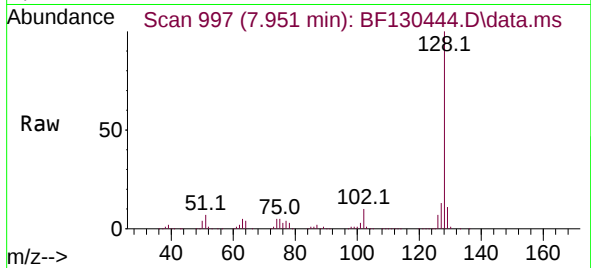
145 31.6 28.3 42.5





#31
Naphthalene
Concen: 39.513 ng
RT: 7.951 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

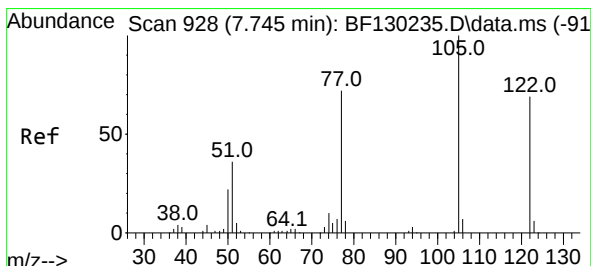
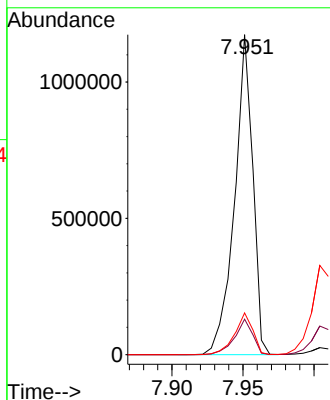
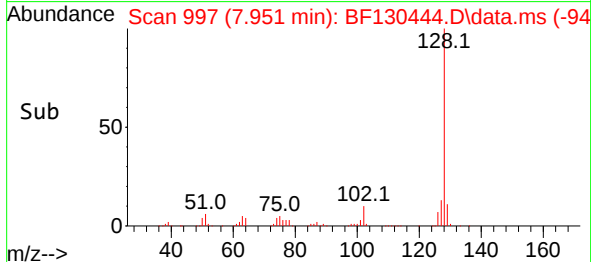
Instrument :
BNA_F
ClientSampleId :
PB147922BS



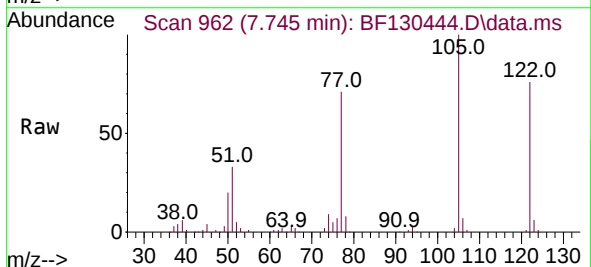
Tgt Ion:128 Resp: 1041772
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.0 10.6 16.0

Manual Integrations
APPROVED

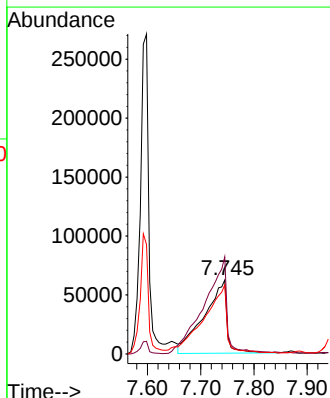
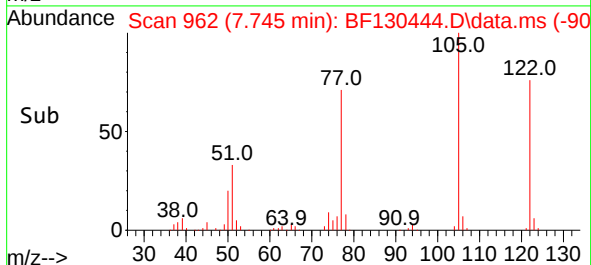
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

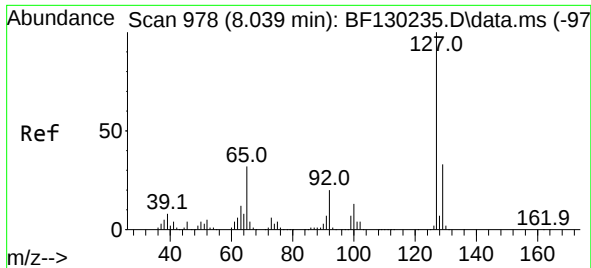


#32
Benzoic acid
Concen: 37.278 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.012 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43



Tgt Ion:122 Resp: 185077
Ion Ratio Lower Upper
122 100
105 131.4 112.9 152.9
77 93.5 82.8 122.8





#33
4-Chloroaniline
Concen: 34.716 ng
RT: 8.004 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

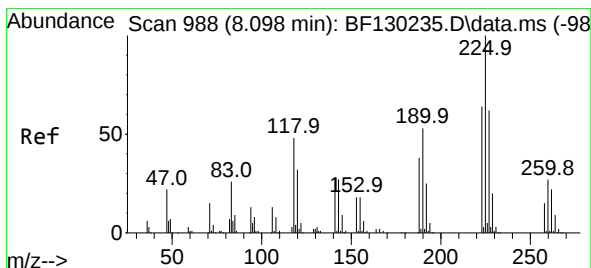
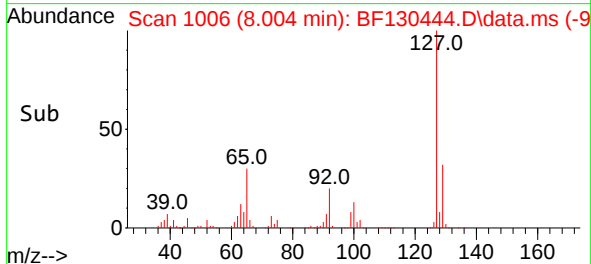
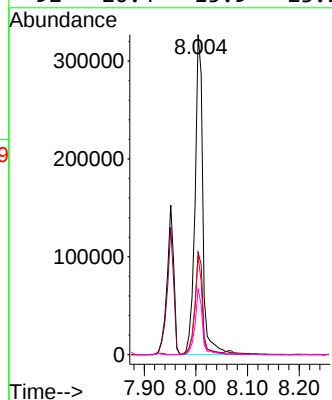
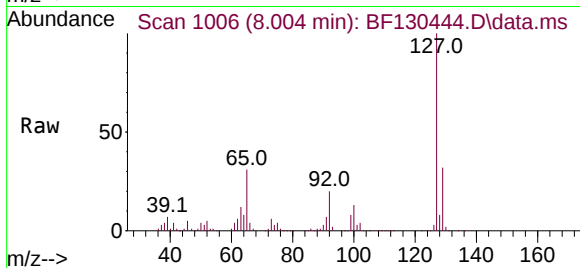
PB147922BS

Tgt Ion:127 Resp: 348114
Ion Ratio Lower Upper
127 100
129 32.0 25.6 38.4
65 30.9 27.0 40.6
92 20.4 15.9 23.9

Manual Integrations

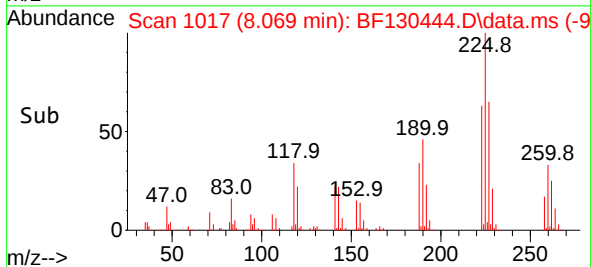
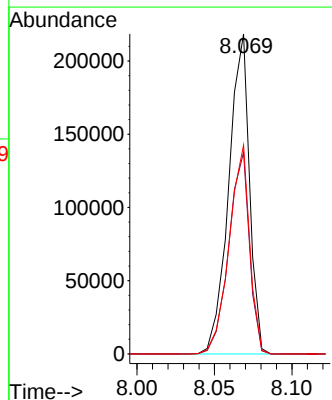
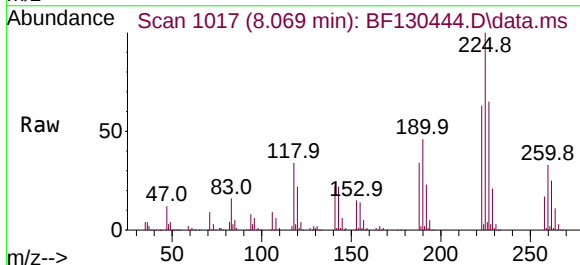
APPROVED

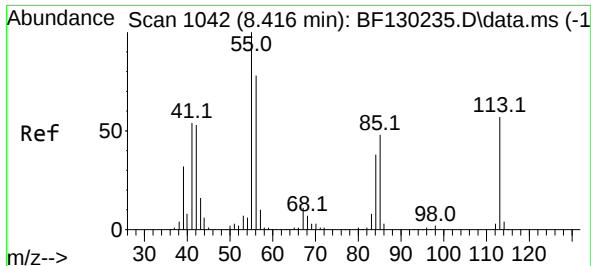
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#34
Hexachlorobutadiene
Concen: 41.794 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

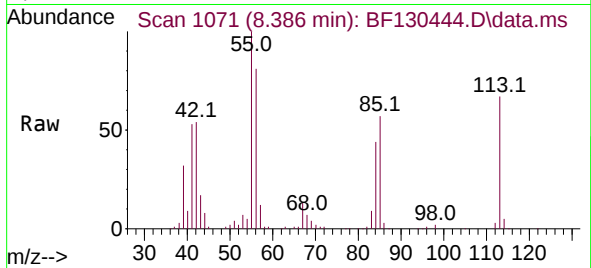
Tgt Ion:225 Resp: 203164
Ion Ratio Lower Upper
225 100
223 63.0 50.3 75.5
227 65.2 51.1 76.7





#35
 Caprolactam
 Concen: 44.536 ng m
 RT: 8.386 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: BF130444.D
 Acq: 28 Sep 2022 12:43

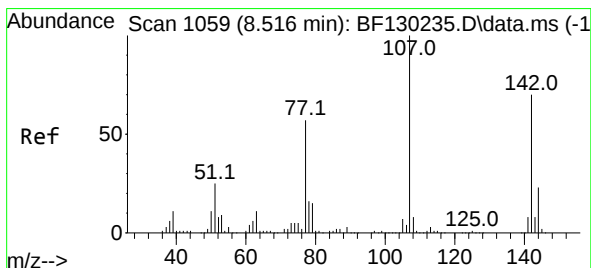
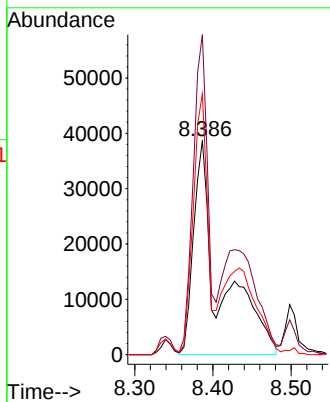
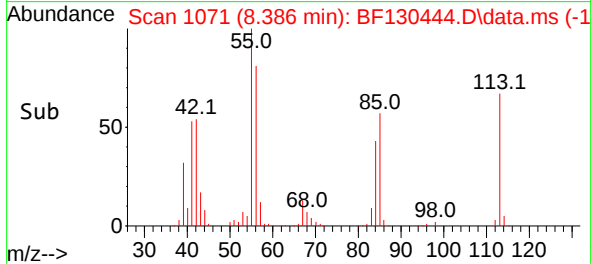
Instrument :
 BNA_F
 ClientSampleId :
 PB147922BS



Tgt Ion:113 Resp: 89824
 Ion Ratio Lower Upper
 113 100
 55 149.4 155.4 195.4
 56 121.7 120.4 160.4

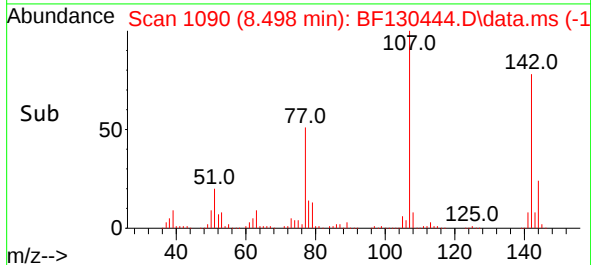
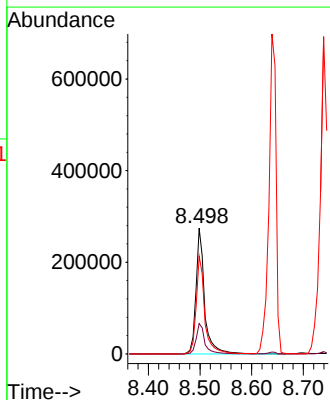
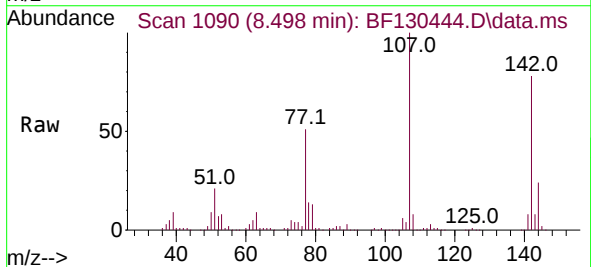
Manual Integrations
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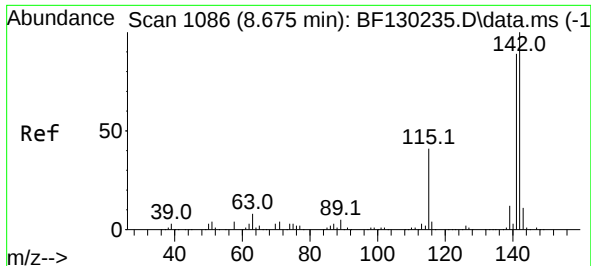
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#36
 4-Chloro-3-methylphenol
 Concen: 40.443 ng
 RT: 8.498 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: BF130444.D
 Acq: 28 Sep 2022 12:43

Tgt Ion:107 Resp: 315373
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.0 30.0
 142 77.9 61.3 91.9





#37

2-Methylnaphthalene

Concen: 40.140 ng

RT: 8.639 min Scan# 1114

Delta R.T. -0.000 min

Lab File: BF130444.D

Acq: 28 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

PB147922BS

Tgt Ion:142 Resp: 674762

Ion Ratio Lower Upper

142 100

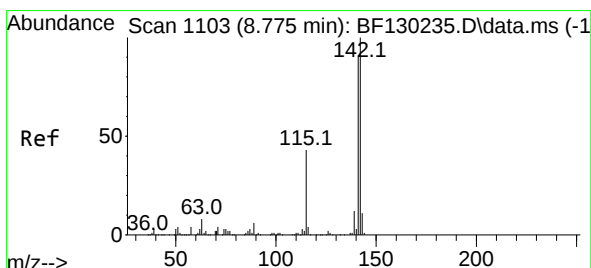
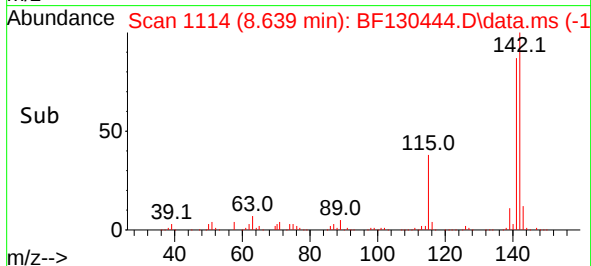
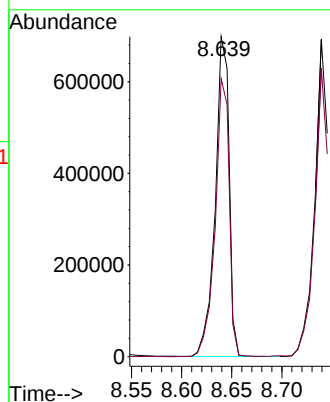
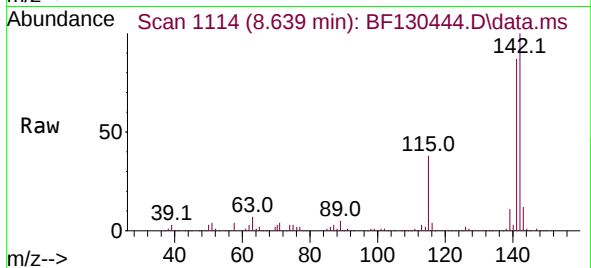
141 86.8 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#38

1-Methylnaphthalene

Concen: 39.451 ng

RT: 8.739 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF130444.D

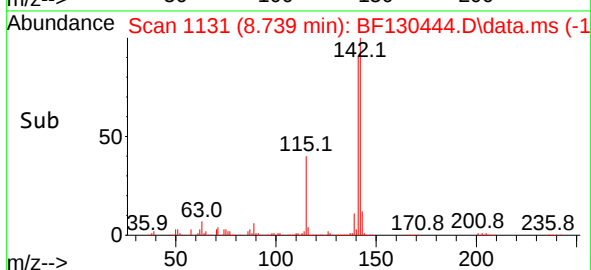
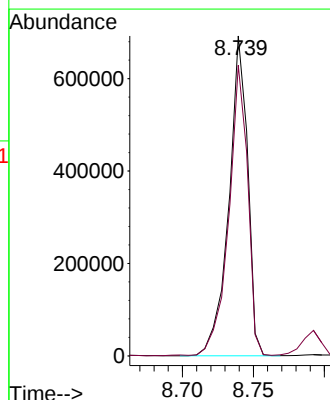
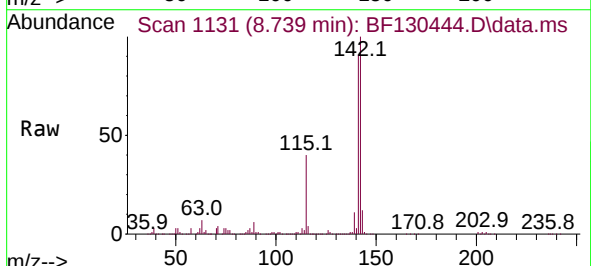
Acq: 28 Sep 2022 12:43

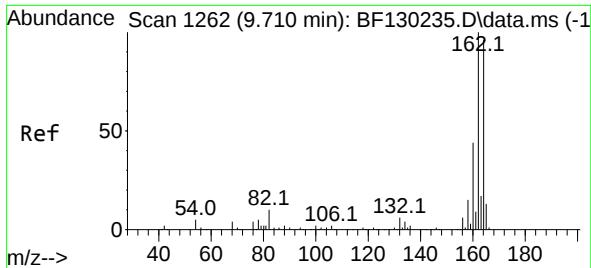
Tgt Ion:142 Resp: 637076

Ion Ratio Lower Upper

142 100

141 90.9 73.8 110.8





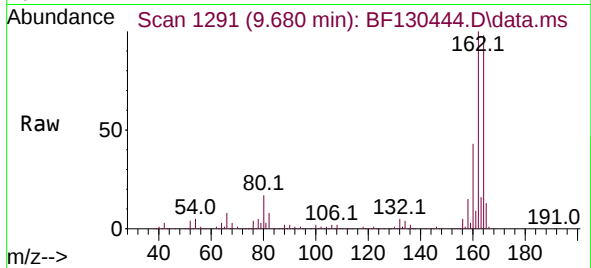
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.680 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

PB147922BS

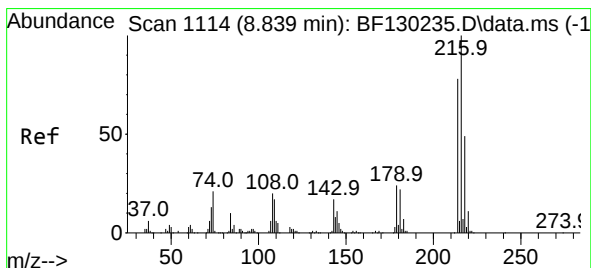
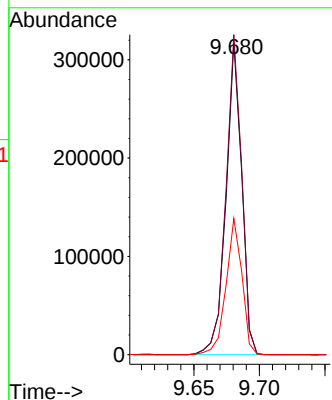
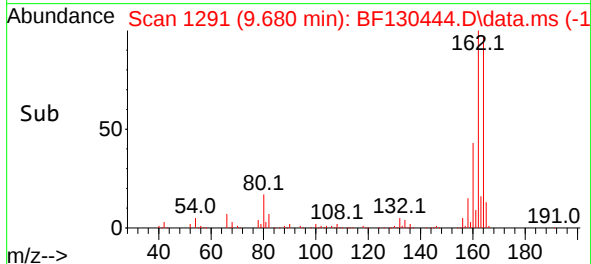


Tgt Ion:164 Resp: 264818
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 43.7 36.2 54.4

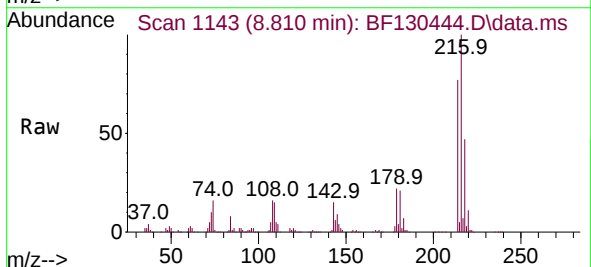
Manual Integrations

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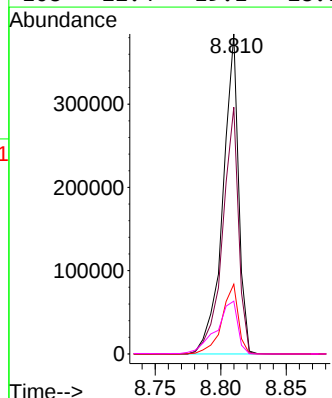
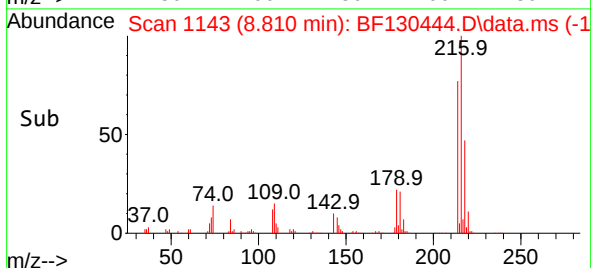
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.440 ng
RT: 8.810 min Scan# 1143
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43



Tgt Ion:216 Resp: 321166
Ion Ratio Lower Upper
216 100
214 78.1 62.8 94.2
179 22.5 19.5 29.3
108 22.4 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 96.204 ng
RT: 8.792 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

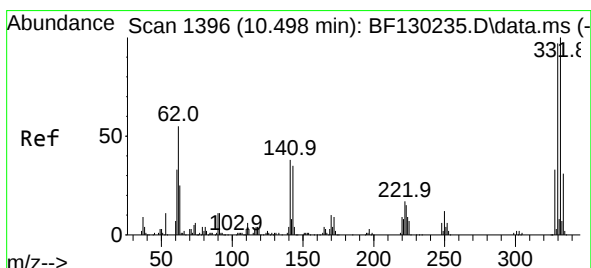
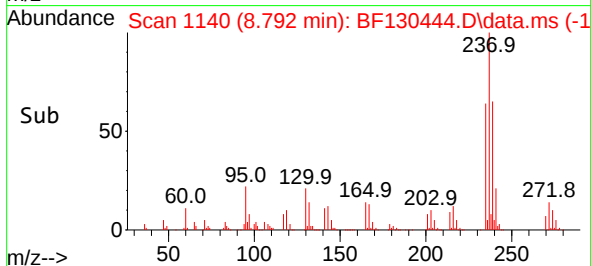
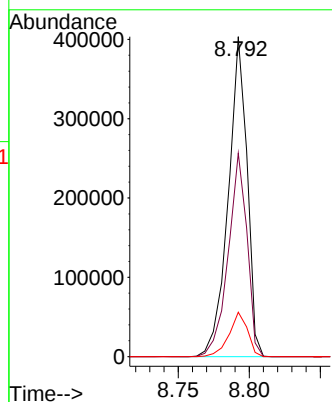
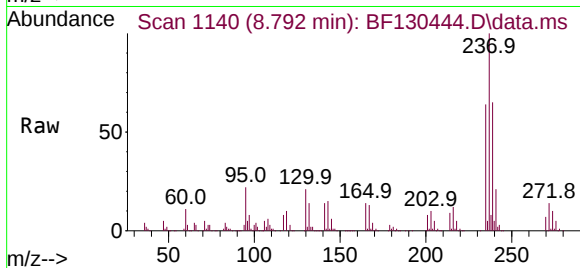
PB147922BS

Tgt Ion:237 Resp: 372239
Ion Ratio Lower Upper
237 100
235 63.6 42.5 82.5
272 13.9 0.0 32.8

Manual Integrations

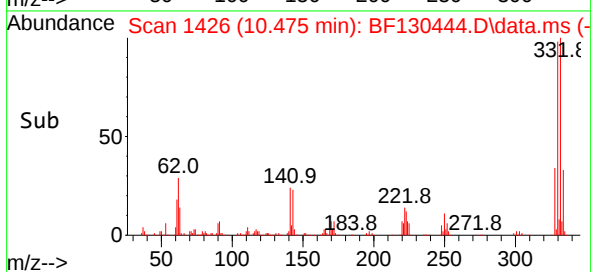
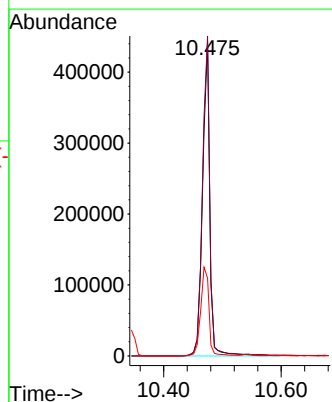
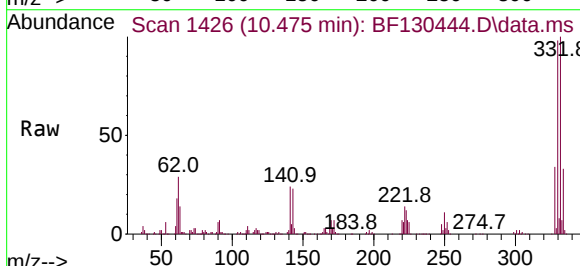
APPROVED

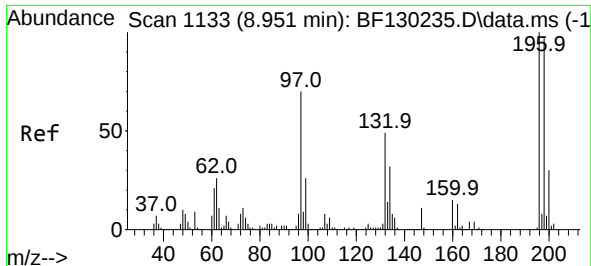
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#42
2,4,6-Tribromophenol
Concen: 148.939 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

Tgt Ion:330 Resp: 377928
Ion Ratio Lower Upper
330 100
332 103.9 83.4 125.2
141 32.2 34.0 51.0#





#43

2,4,6-Trichlorophenol

Concen: 40.930 ng

RT: 8.928 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF130444.D

Acq: 28 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

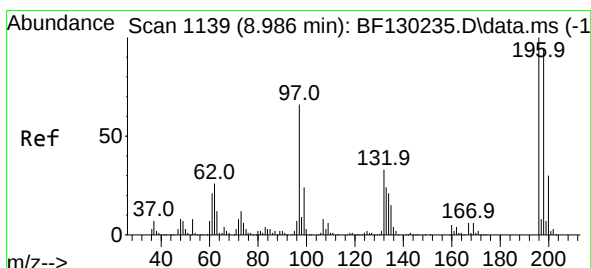
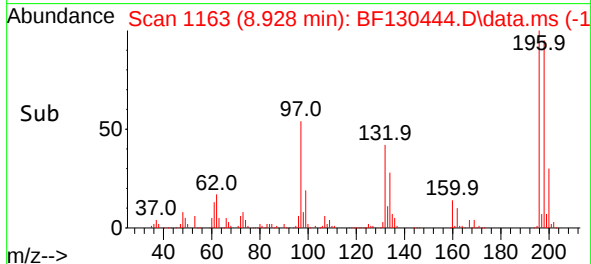
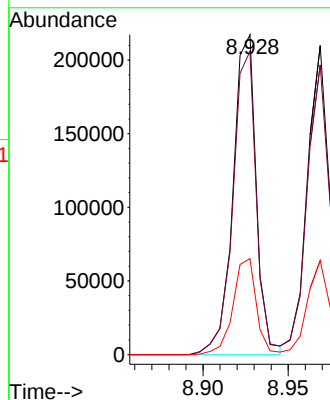
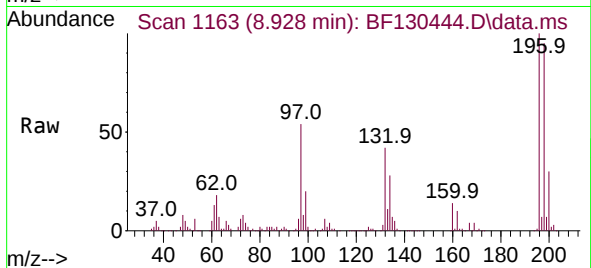
PB147922BS

Tgt Ion:196 Resp: 206443
 Ion Ratio Lower Upper
 196 100
 198 94.8 72.4 108.6
 200 30.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#44

2,4,5-Trichlorophenol

Concen: 40.787 ng

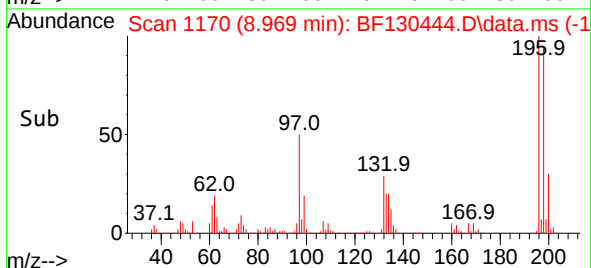
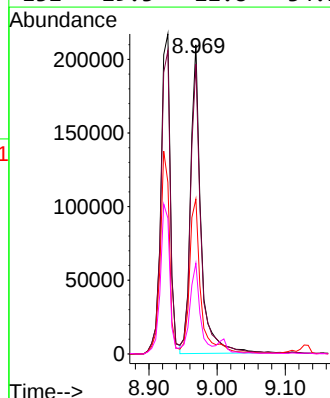
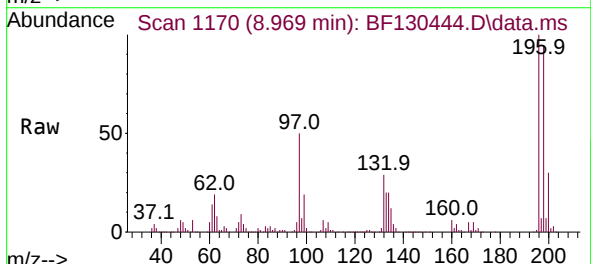
RT: 8.969 min Scan# 1170

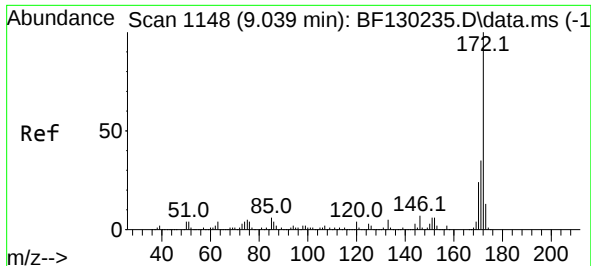
Delta R.T. 0.006 min

Lab File: BF130444.D

Acq: 28 Sep 2022 12:43

Tgt Ion:196 Resp: 221994
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.8 112.2
 97 50.1 43.7 65.5
 132 29.3 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 79.479 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF130444.D

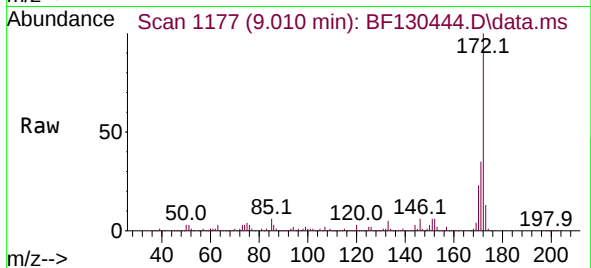
Acq: 28 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

PB147922BS



Tgt Ion:172 Resp: 1445372

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

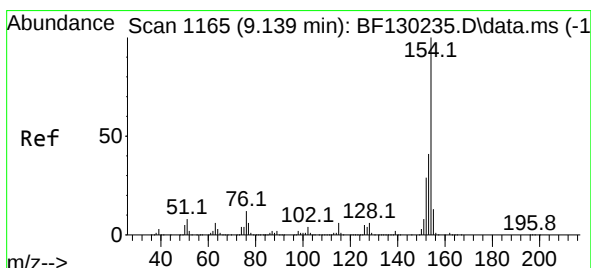
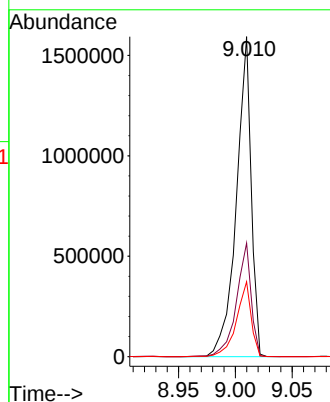
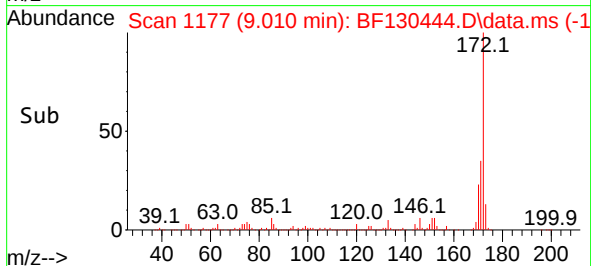
170 23.4 18.7 28.1

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/29/2022



#46

1,1'-Biphenyl

Concen: 41.478 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF130444.D

Acq: 28 Sep 2022 12:43

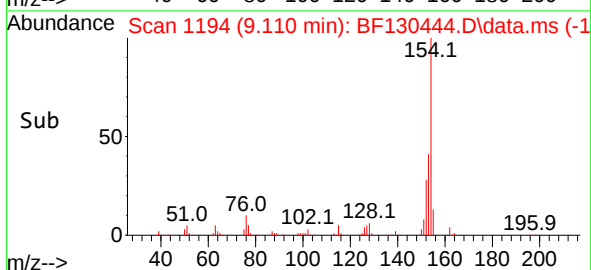
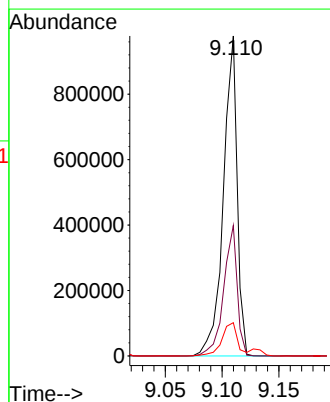
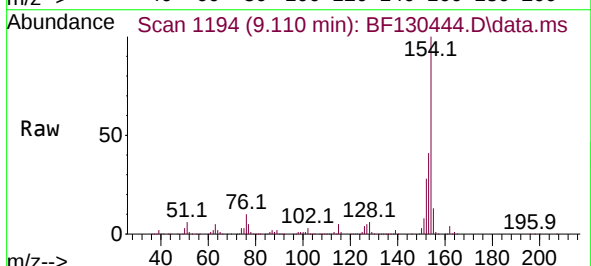
Tgt Ion:154 Resp: 820335

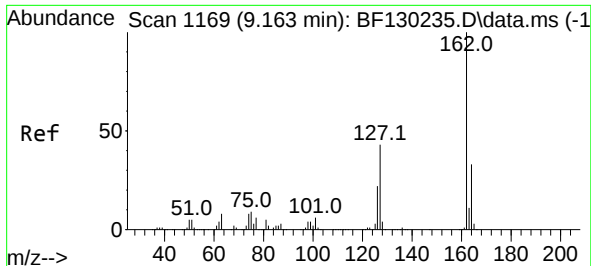
Ion Ratio Lower Upper

154 100

153 40.7 20.0 60.0

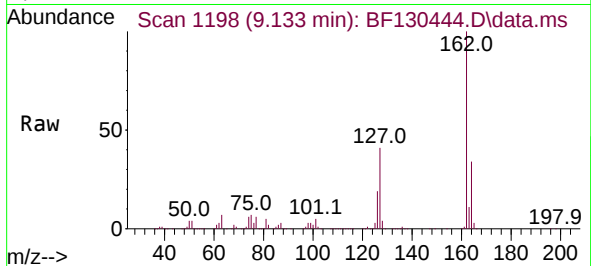
76 10.4 0.0 33.3





#47
2-Chloronaphthalene
Concen: 40.098 ng
RT: 9.133 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

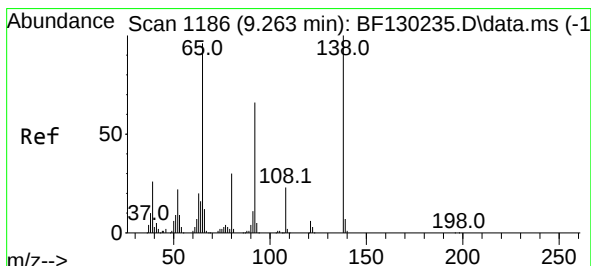
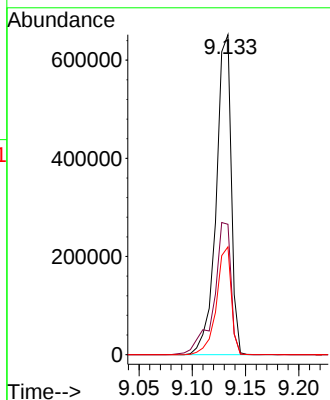
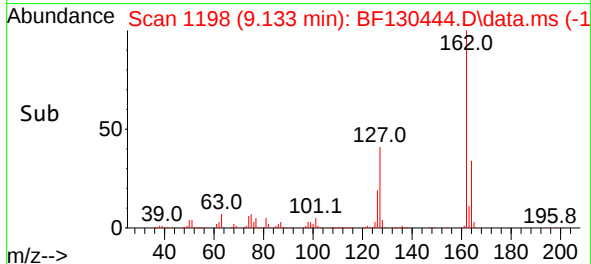
Instrument :
BNA_F
ClientSampleId :
PB147922BS



Tgt Ion:162 Resp: 641524
Ion Ratio Lower Upper
162 100
127 40.7 35.9 53.9
164 33.7 26.2 39.2

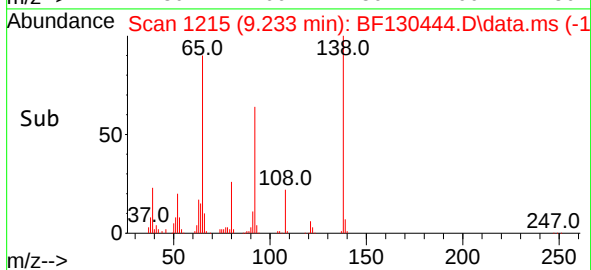
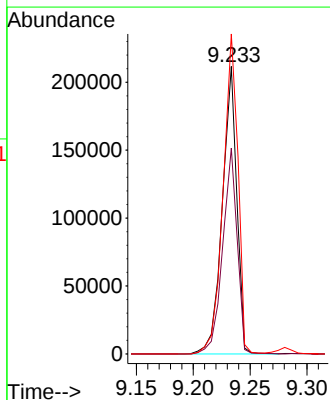
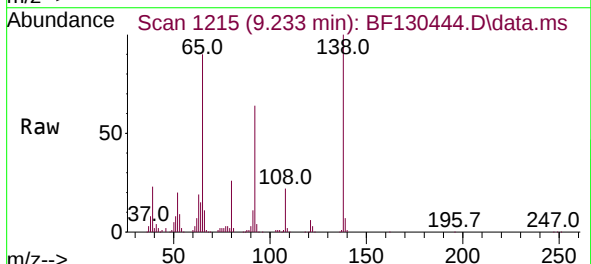
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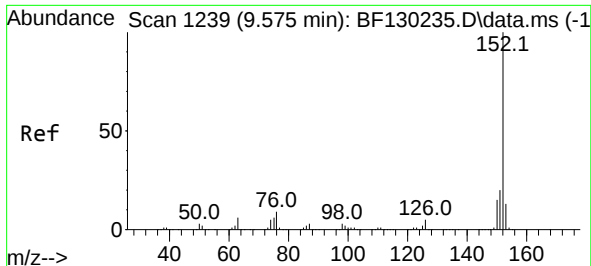
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#48
2-Nitroaniline
Concen: 35.012 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

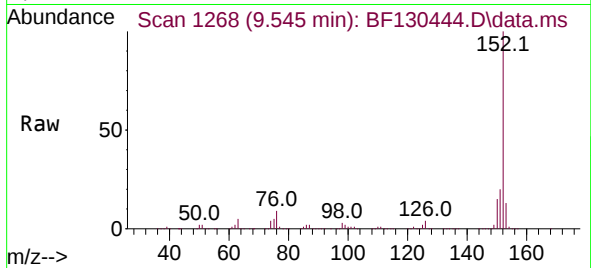
Tgt Ion: 65 Resp: 186831
Ion Ratio Lower Upper
65 100
92 71.6 52.2 78.4
138 111.3 77.0 115.4





#49
Acenaphthylene
Concen: 39.520 ng
RT: 9.545 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

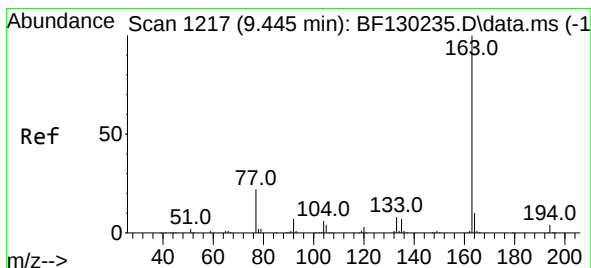
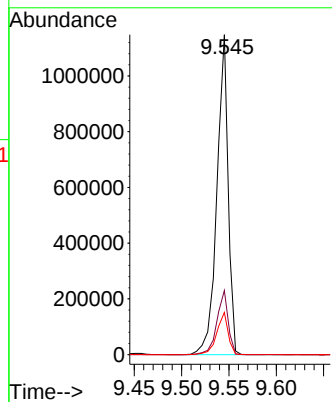
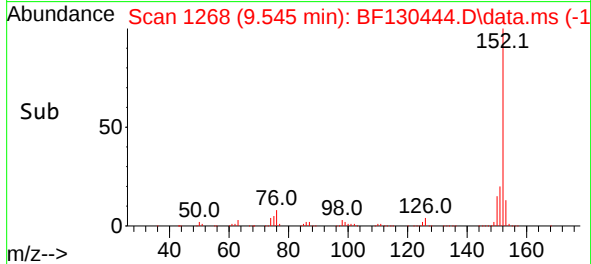
Instrument :
BNA_F
ClientSampleId :
PB147922BS



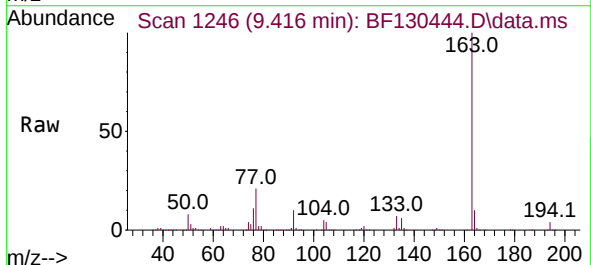
Tgt Ion:152 Resp: 948009
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.2 10.6 15.8

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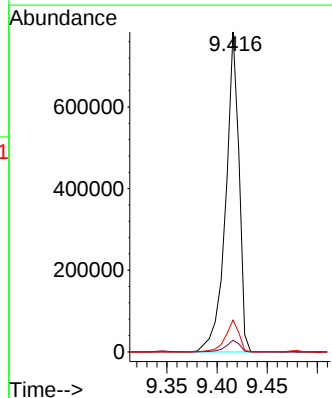
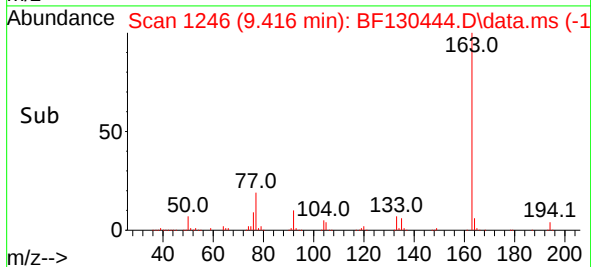
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

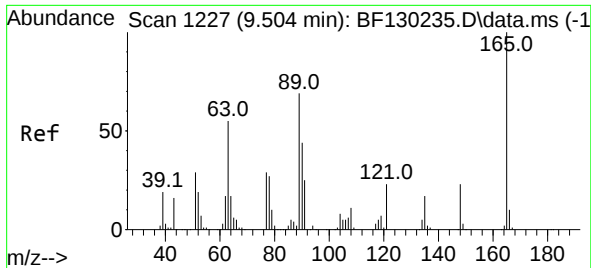


#50
Dimethylphthalate
Concen: 39.553 ng
RT: 9.416 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43



Tgt Ion:163 Resp: 723517
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.9 8.2 12.2





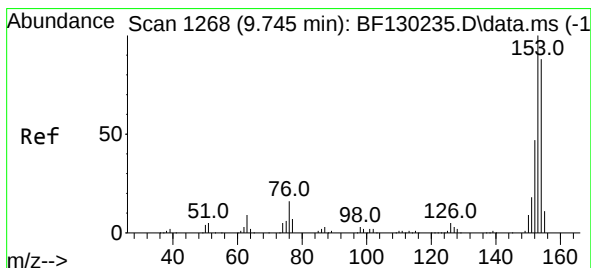
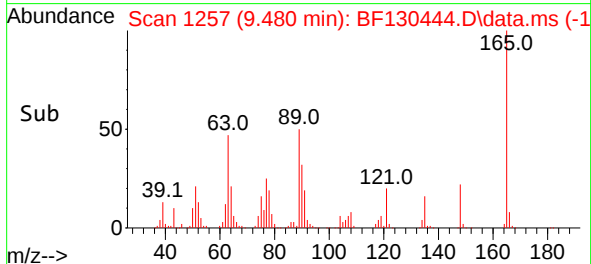
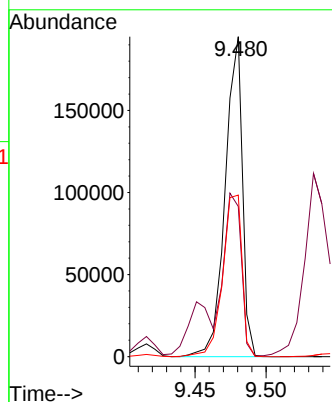
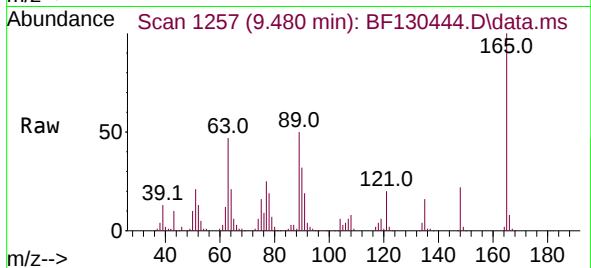
#51
2,6-Dinitrotoluene
Concen: 42.947 ng
RT: 9.480 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

Instrument :
BNA_F
ClientSampleId :
PB147922BS

Tgt Ion:165 Resp: 164300
Ion Ratio Lower Upper
165 100
63 46.9 58.8 88.2
89 50.5 54.5 81.7

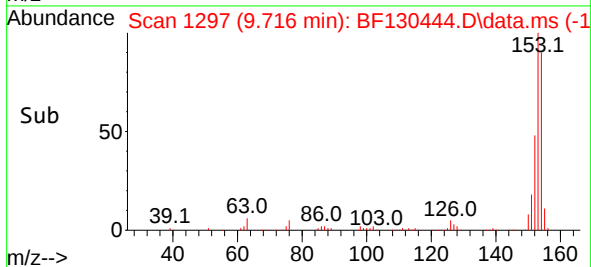
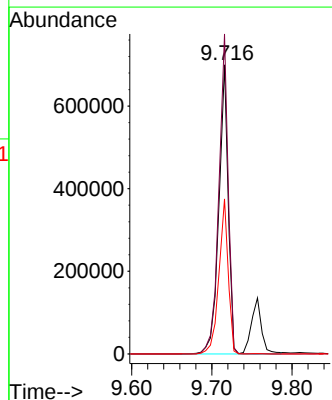
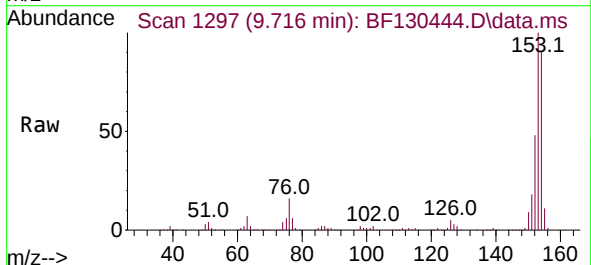
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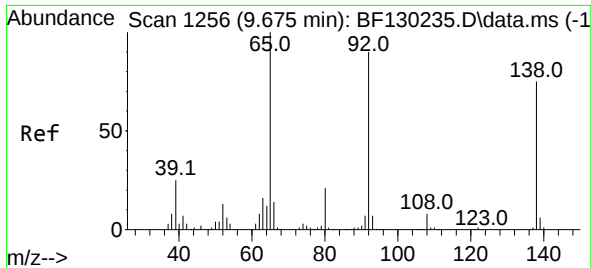
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#52
Acenaphthene
Concen: 43.485 ng m
RT: 9.716 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

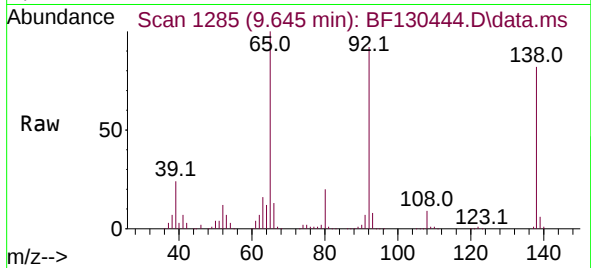
Tgt Ion:154 Resp: 685358
Ion Ratio Lower Upper
154 100
153 110.7 90.6 136.0
152 53.6 43.8 65.6





#53
3-Nitroaniline
Concen: 32.158 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

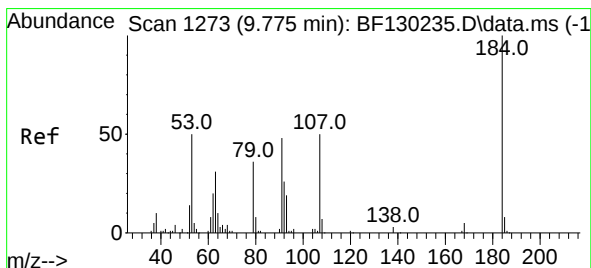
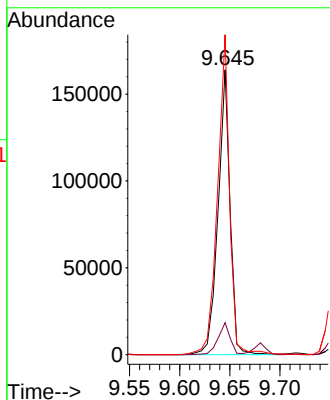
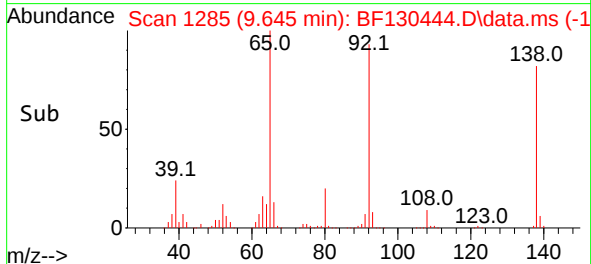
Instrument :
BNA_F
ClientSampleId :
PB147922BS



Tgt Ion:138 Resp: 137084
Ion Ratio Lower Upper
138 100
108 11.2 9.2 13.8
92 112.3 99.2 148.8

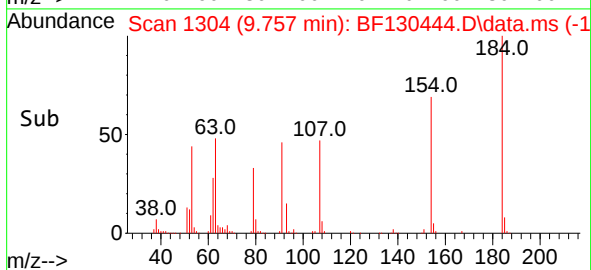
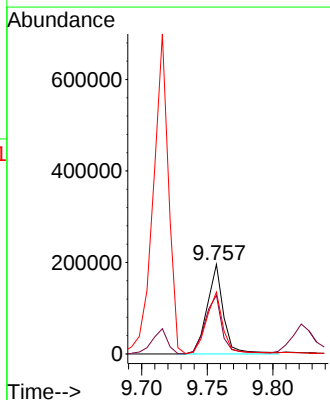
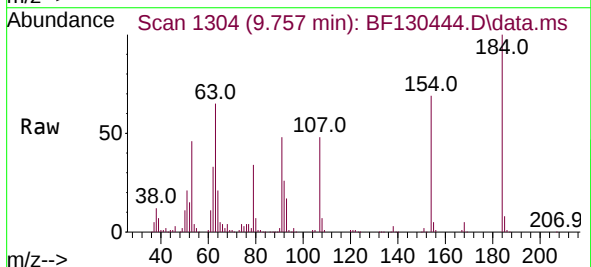
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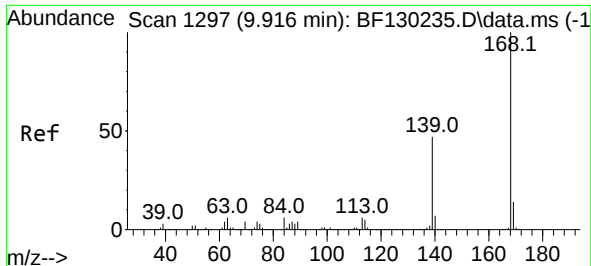
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#54
2,4-Dinitrophenol
Concen: 81.777 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

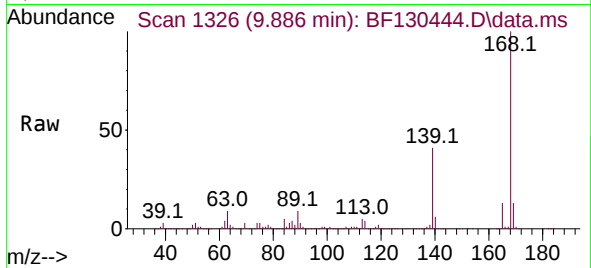
Tgt Ion:184 Resp: 170022
Ion Ratio Lower Upper
184 100
63 65.5 70.0 105.0#
154 69.2 63.0 94.6





#55
Dibenzenofuran
Concen: 39.758 ng
RT: 9.886 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

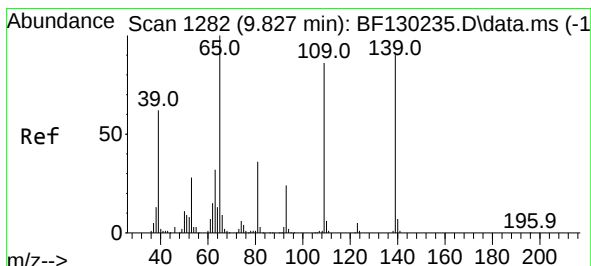
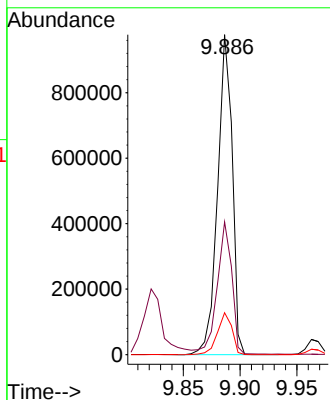
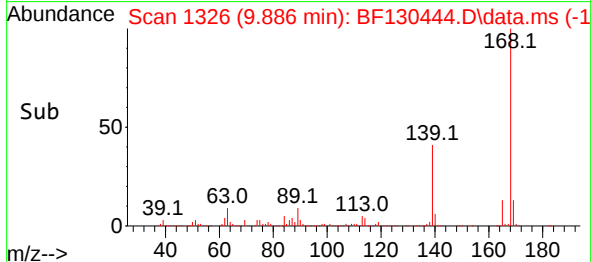
Instrument :
BNA_F
ClientSampleId :
PB147922BS



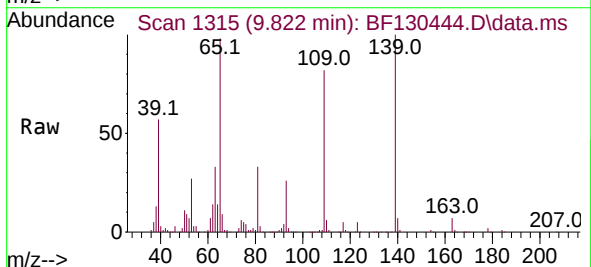
Tgt Ion:168 Resp: 871585
Ion Ratio Lower Upper
168 100
139 41.5 35.0 52.4
169 13.1 10.9 16.3

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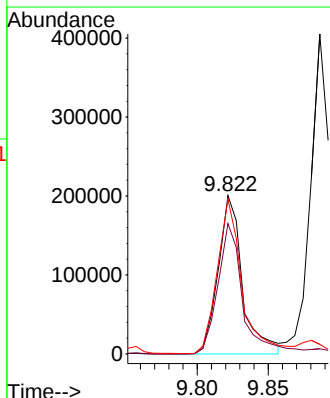
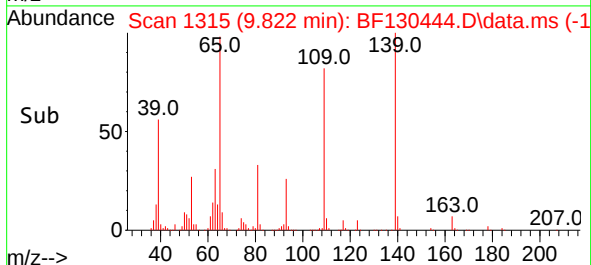
Reviewed By :Christian Giraldo 09/29/2022
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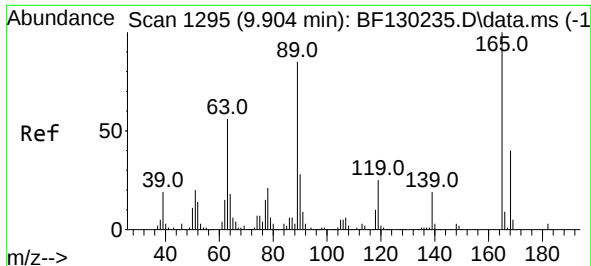


#56
4-Nitrophenol
Concen: 76.891 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.012 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43



Tgt Ion:139 Resp: 238735
Ion Ratio Lower Upper
139 100
109 82.3 72.2 112.2
65 97.7 97.7 137.7#





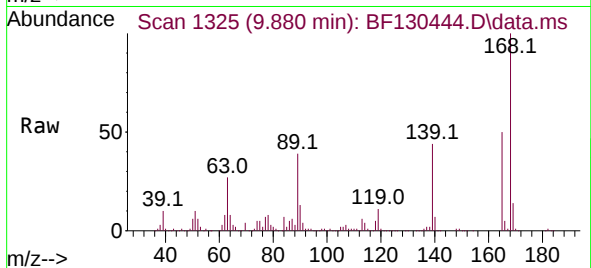
#57
2,4-Dinitrotoluene
Concen: 44.302 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

PB147922BS

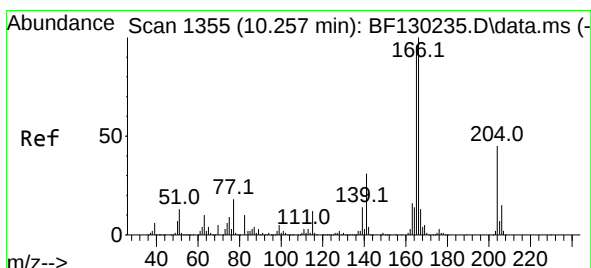
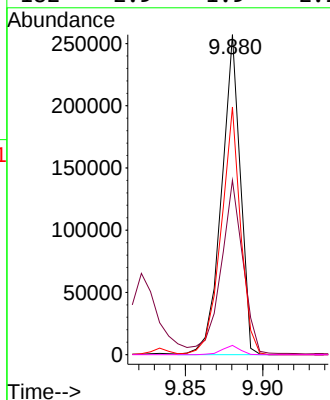
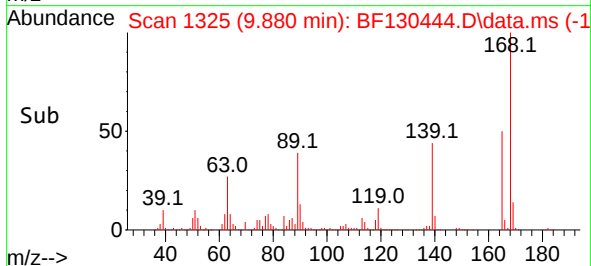


Tgt Ion:165 Resp: 216606
Ion Ratio Lower Upper
165 100
63 54.5 44.7 67.1
89 77.4 69.0 103.4
182 2.9 1.9 2.9

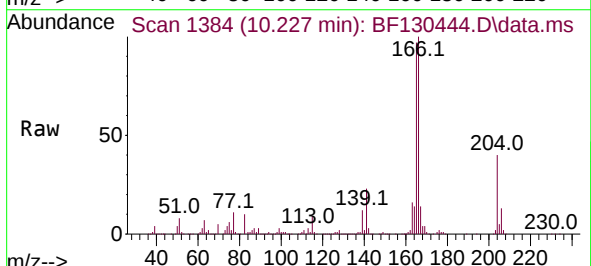
Manual Integrations

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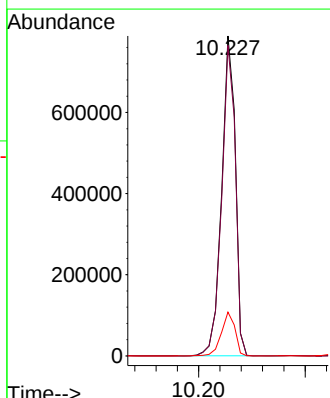
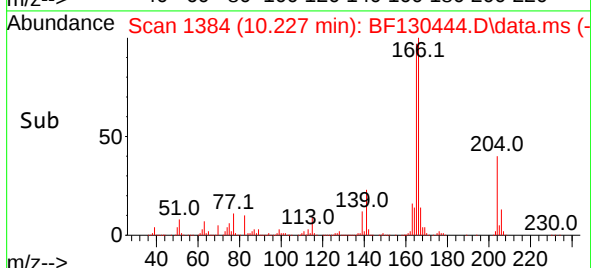
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

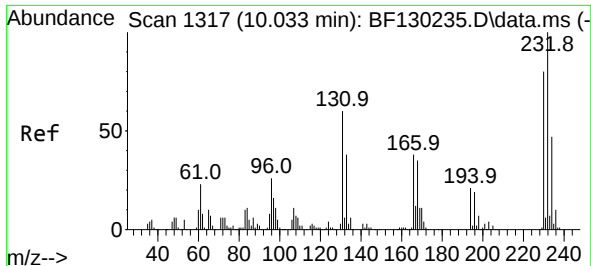


#58
Fluorene
Concen: 39.416 ng
RT: 10.227 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43



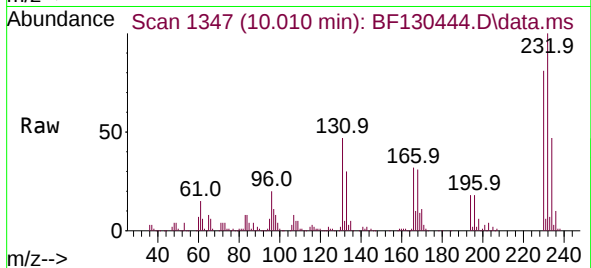
Tgt Ion:166 Resp: 706672
Ion Ratio Lower Upper
166 100
165 97.0 78.8 118.2
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.459 ng
RT: 10.010 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

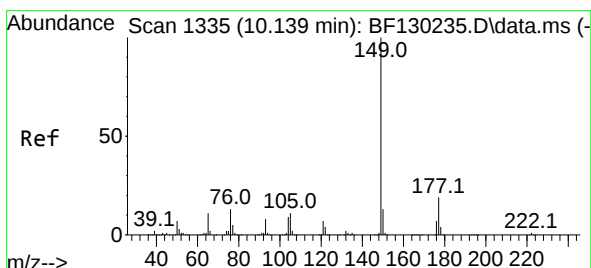
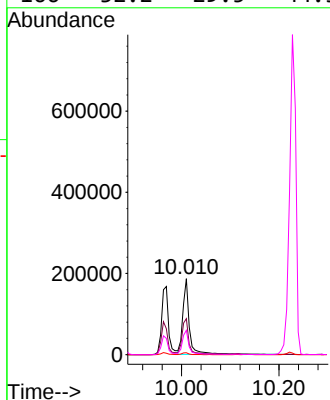
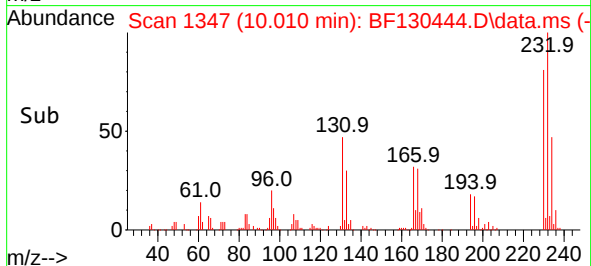
Instrument :
BNA_F
ClientSampleId :
PB147922BS



Tgt Ion:232 Resp: 176620
Ion Ratio Lower Upper
232 100
131 50.2 46.4 69.6
130 2.6 2.3 3.5
166 32.2 29.5 44.3

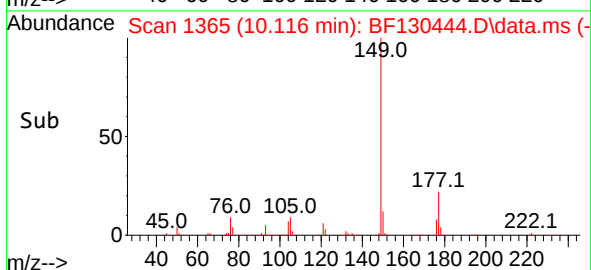
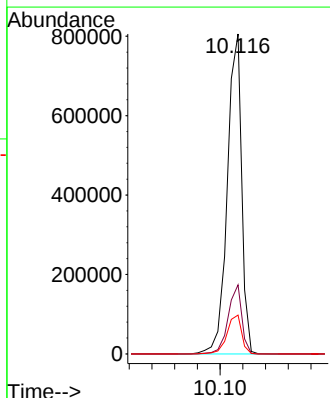
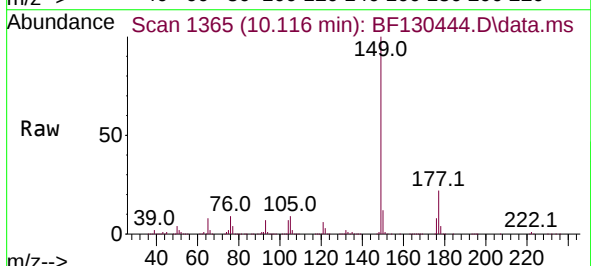
Manual Integrations
APPROVED

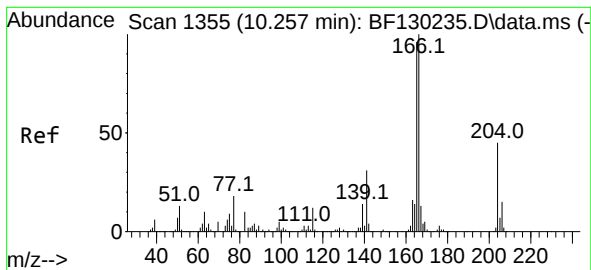
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#60
Diethylphthalate
Concen: 38.452 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

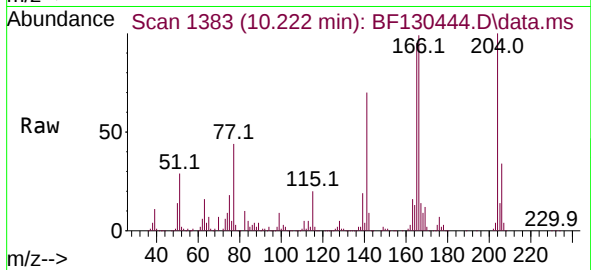
Tgt Ion:149 Resp: 705355
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.1 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.549 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

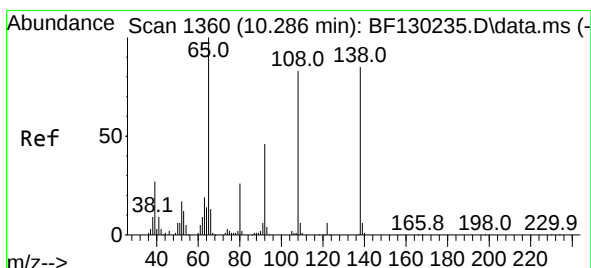
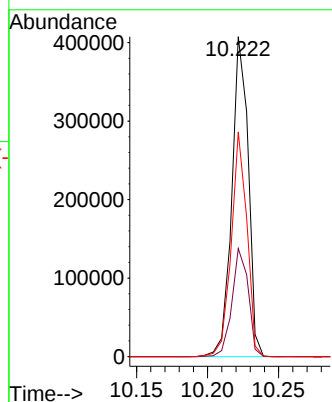
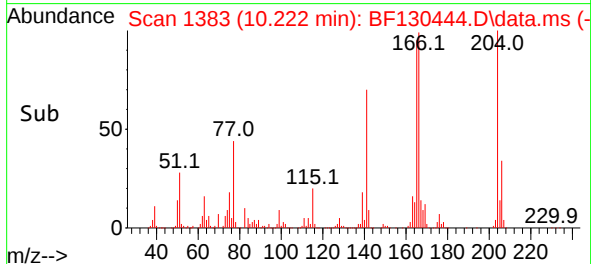
Instrument :
BNA_F
ClientSampleId :
PB147922BS



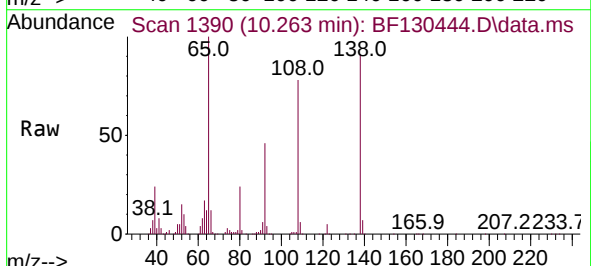
Tgt Ion:204 Resp: 326774
Ion Ratio Lower Upper
204 100
206 33.8 26.6 39.8
141 70.2 57.1 85.7

Manual Integrations
APPROVED

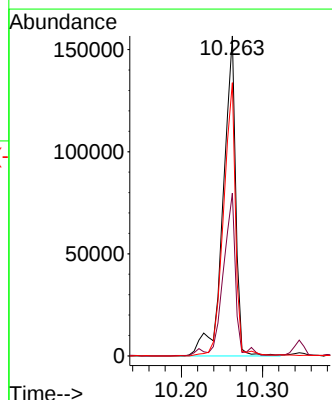
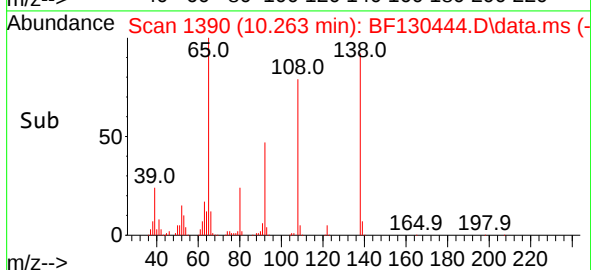
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

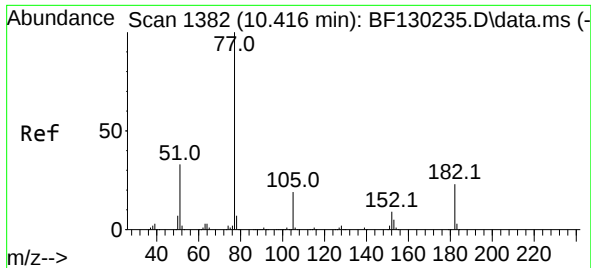


#62
4-Nitroaniline
Concen: 39.234 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.012 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43



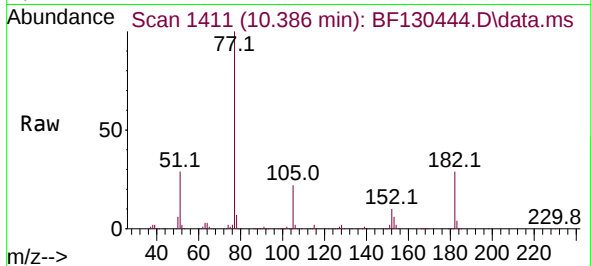
Tgt Ion:138 Resp: 168016
Ion Ratio Lower Upper
138 100
92 50.9 36.7 76.7
108 85.4 78.2 118.2





#63
Azobenzene
Concen: 33.743 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

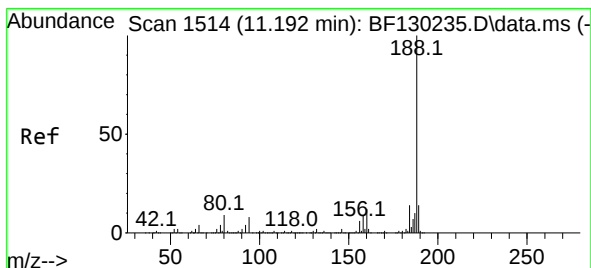
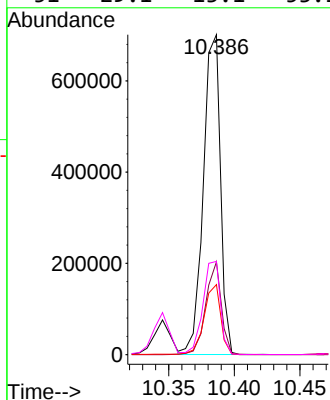
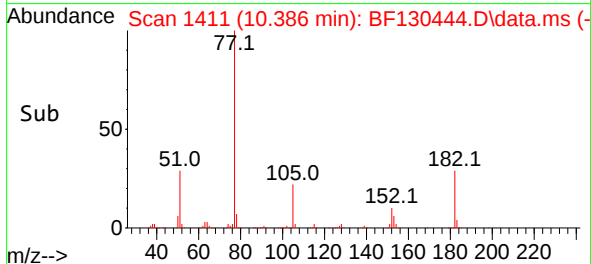
Instrument :
BNA_F
ClientSampleId :
PB147922BS



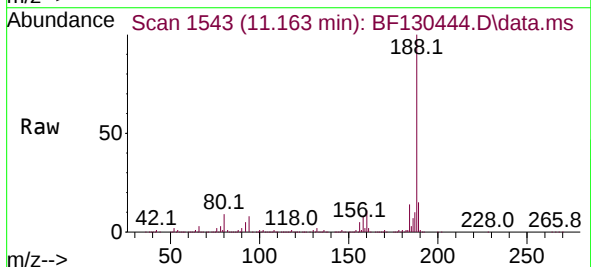
Tgt Ion: 77 Resp: 637362
Ion Ratio Lower Upper
77 100
182 29.0 2.1 42.1
105 21.9 0.0 39.4
51 29.1 13.1 53.1

Manual Integrations
APPROVED

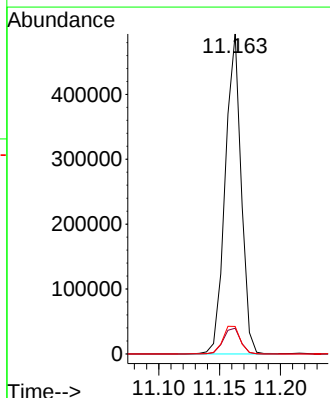
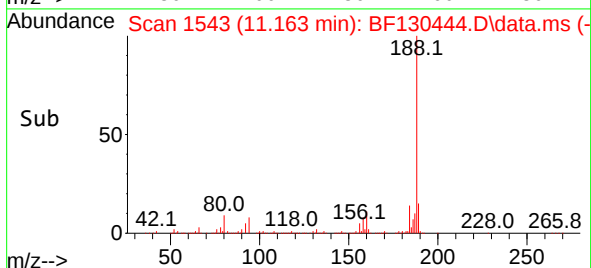
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

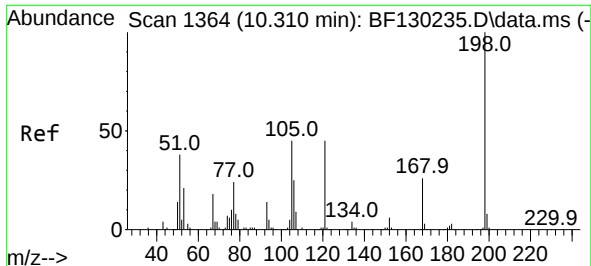


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43



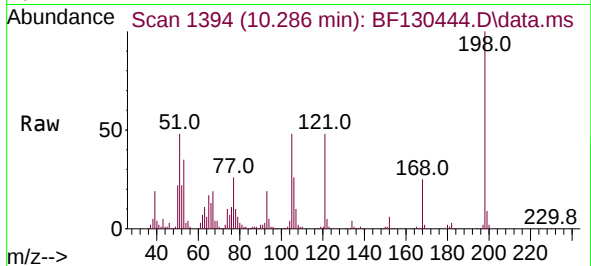
Tgt Ion:188 Resp: 448266
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.6 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 44.665 ng
RT: 10.286 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

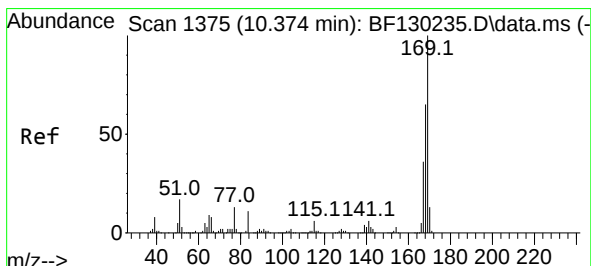
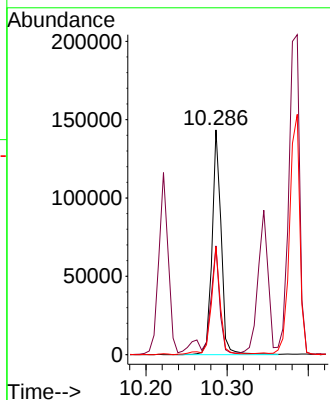
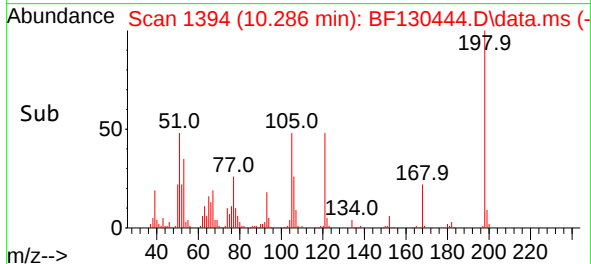
Instrument :
BNA_F
ClientSampleId :
PB147922BS



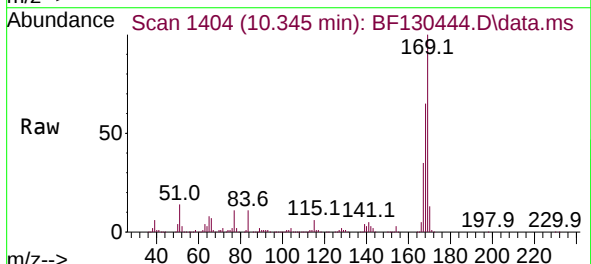
Tgt Ion:198 Resp: 111455
Ion Ratio Lower Upper
198 100
51 48.3 36.9 76.9
105 48.0 33.0 73.0

Manual Integrations
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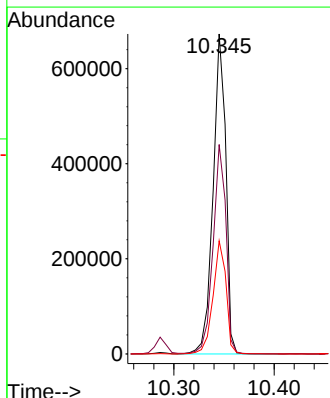
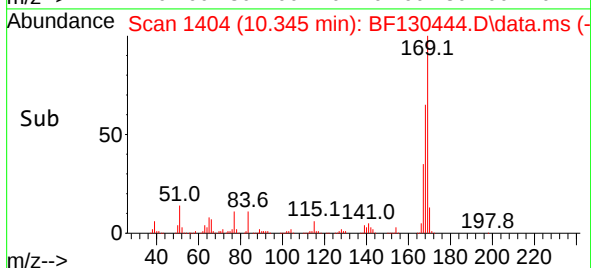
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

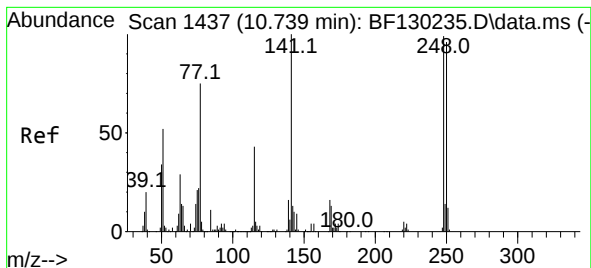


#66
n-Nitrosodiphenylamine
Concen: 39.571 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43



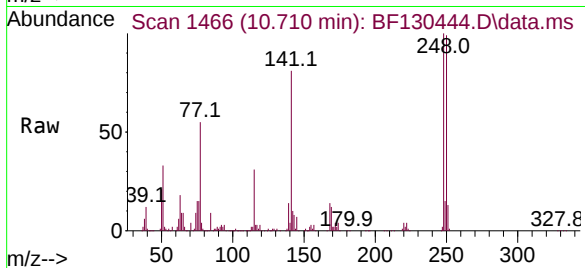
Tgt Ion:169 Resp: 592759
Ion Ratio Lower Upper
169 100
168 65.4 53.2 79.8
167 35.3 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.487 ng
RT: 10.710 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

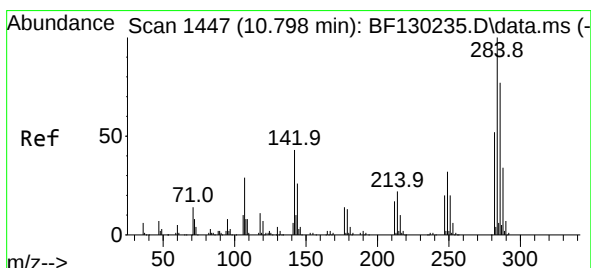
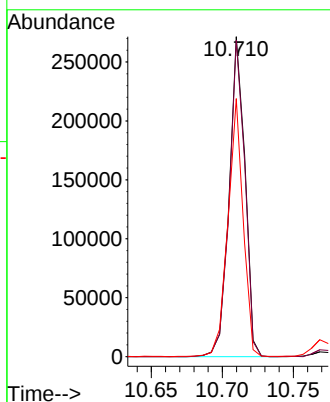
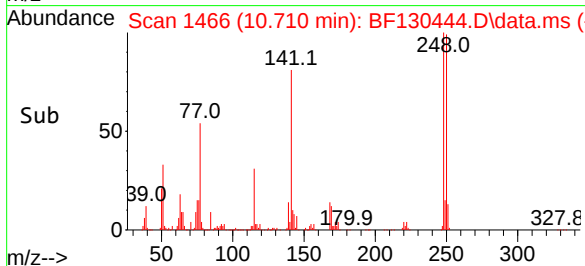
Instrument :
BNA_F
ClientSampleId :
PB147922BS



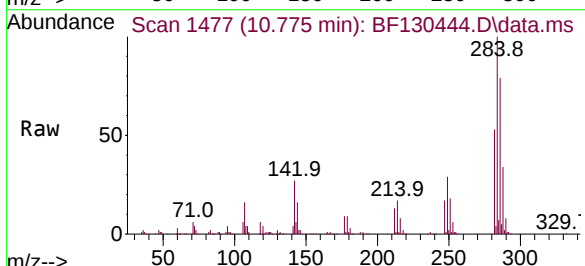
Tgt Ion:248 Resp: 210104
Ion Ratio Lower Upper
248 100
250 98.9 80.0 120.0
141 80.7 68.5 102.7

Manual Integrations
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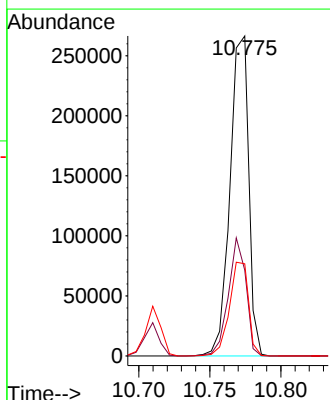
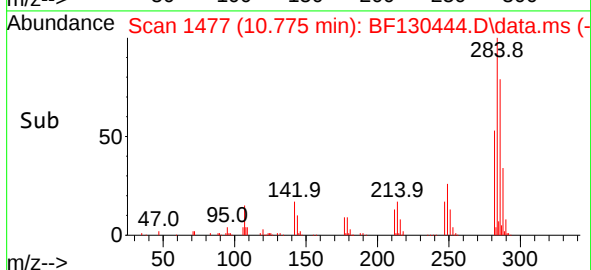
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

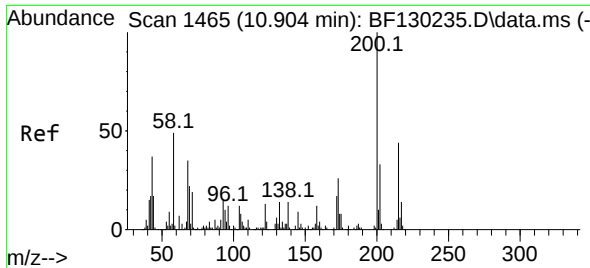


#68
Hexachlorobenzene
Concen: 43.606 ng
RT: 10.775 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43



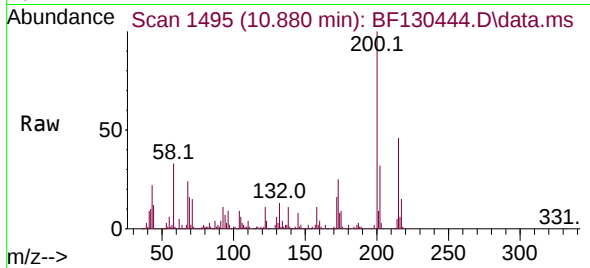
Tgt Ion:284 Resp: 244440
Ion Ratio Lower Upper
284 100
142 26.8 27.2 40.8#
249 28.8 23.8 35.8





#69
 Atrazine
 Concen: 43.989 ng
 RT: 10.880 min Scan# 1465
 Delta R.T. 0.006 min
 Lab File: BF130444.D
 Acq: 28 Sep 2022 12:43

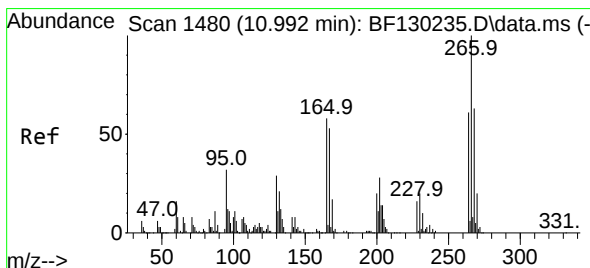
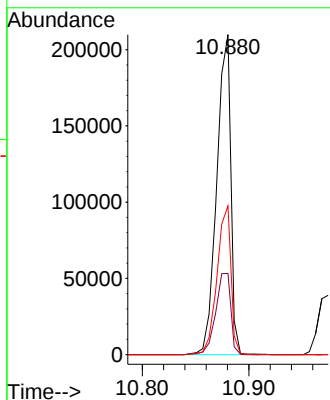
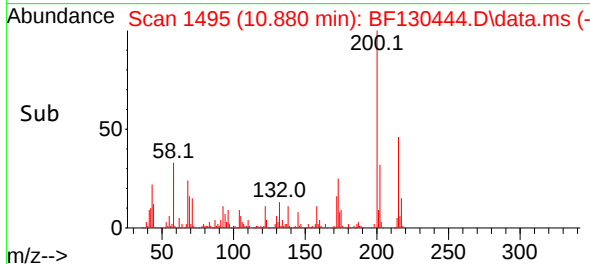
Instrument :
 BNA_F
 ClientSampleId :
 PB147922BS



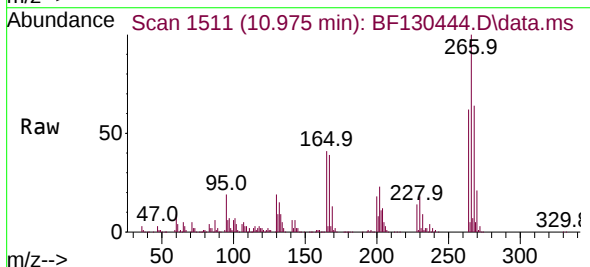
Tgt Ion:200 Resp: 192562
 Ion Ratio Lower Upper
 200 100
 173 25.4 6.2 46.2
 215 46.5 22.5 62.5

Manual Integrations
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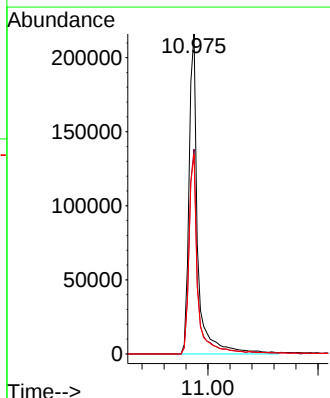
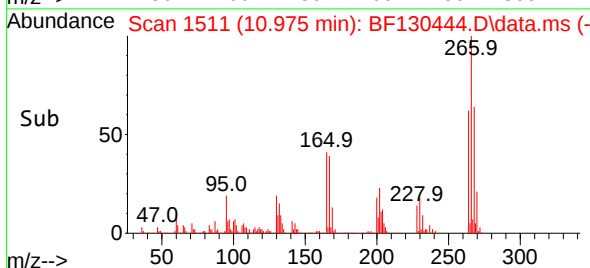
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022

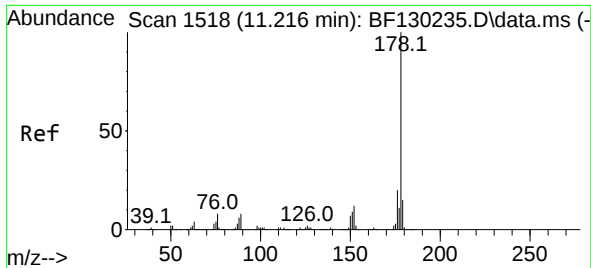


#70
 Pentachlorophenol
 Concen: 79.401 ng
 RT: 10.975 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: BF130444.D
 Acq: 28 Sep 2022 12:43



Tgt Ion:266 Resp: 238876
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.5 75.7
 264 62.4 50.5 75.7





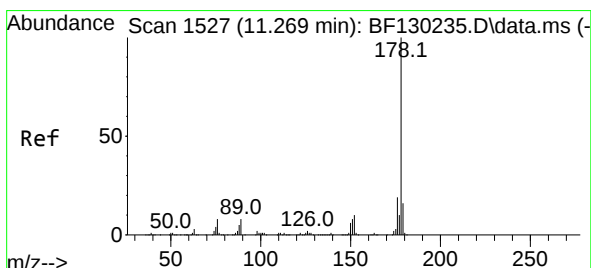
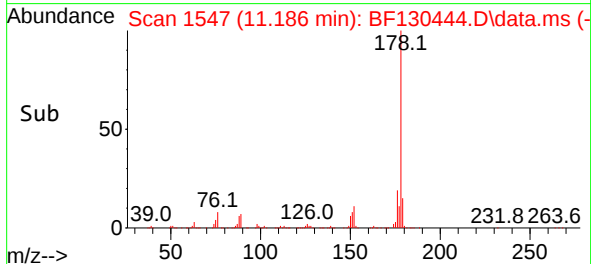
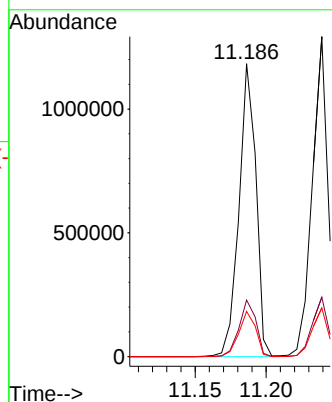
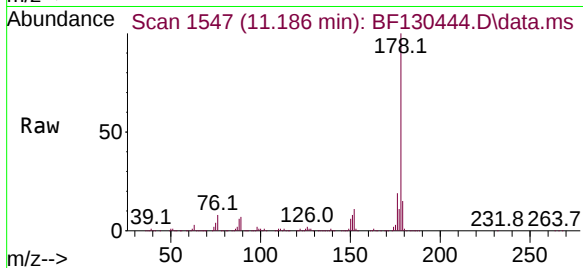
#71
Phenanthrene
Concen: 38.918 ng
RT: 11.186 min Scan# 11556
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

Instrument :
BNA_F
ClientSampleId :
PB147922BS

Tgt Ion:178 Resp: 979464
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.4 18.6

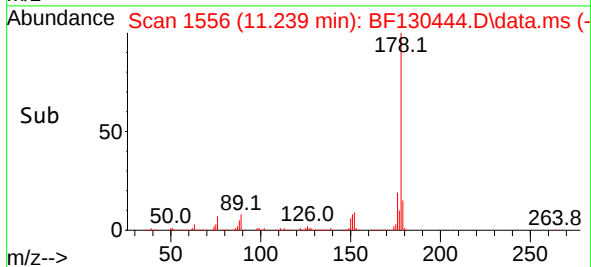
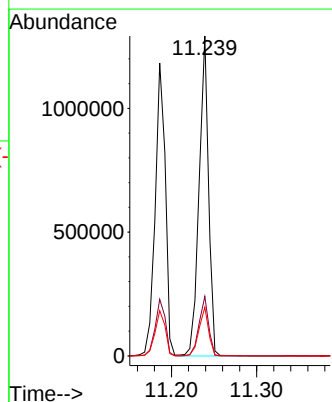
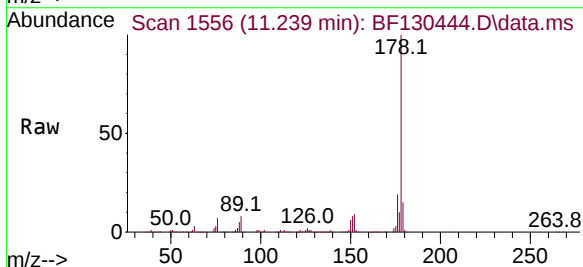
Manual Integrations
APPROVED

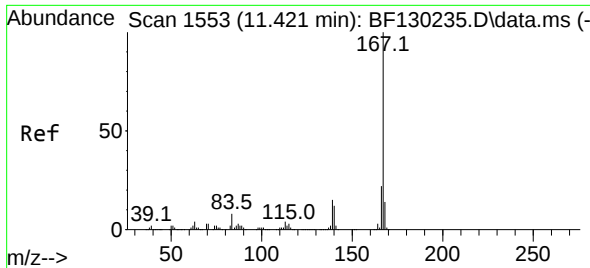
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#72
Anthracene
Concen: 41.059 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

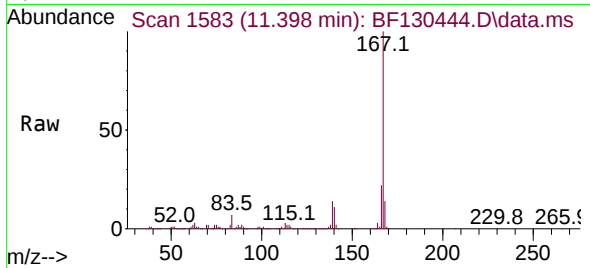
Tgt Ion:178 Resp: 997206
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.2 12.7 19.1





#73
 Carbazole
 Concen: 40.958 ng
 RT: 11.398 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF130444.D
 Acq: 28 Sep 2022 12:43

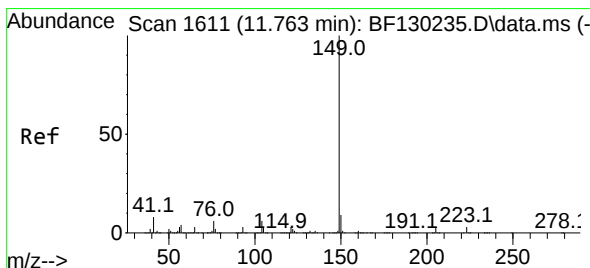
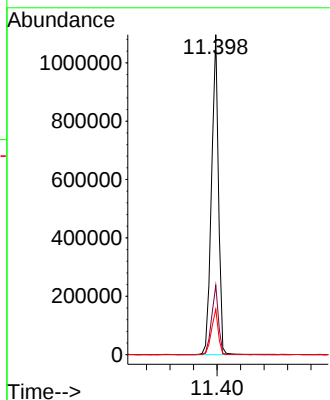
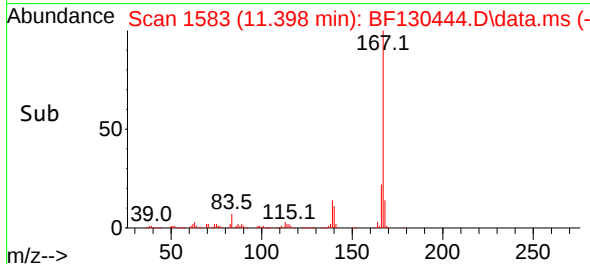
Instrument :
 BNA_F
 ClientSampleId :
 PB147922BS



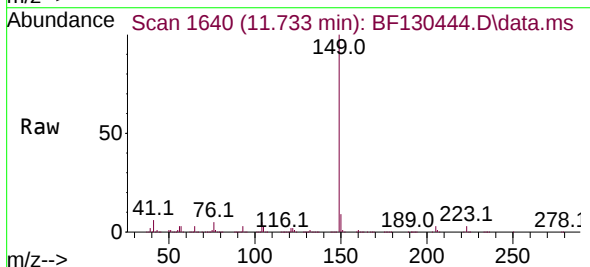
Tgt Ion:167 Resp: 897753
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 14.2 11.6 17.4

Manual Integrations
 APPROVED

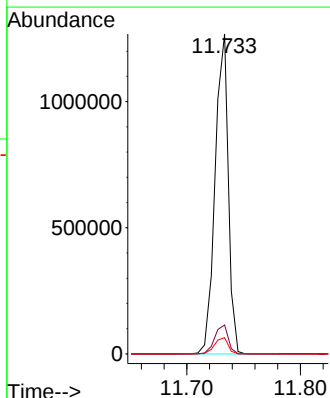
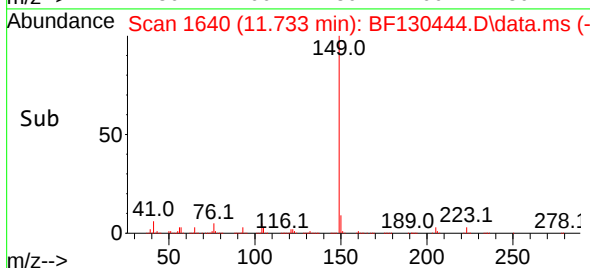
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022

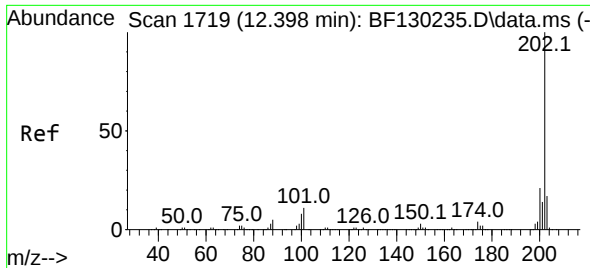


#74
 Di-n-butylphthalate
 Concen: 38.631 ng
 RT: 11.733 min Scan# 1640
 Delta R.T. 0.006 min
 Lab File: BF130444.D
 Acq: 28 Sep 2022 12:43



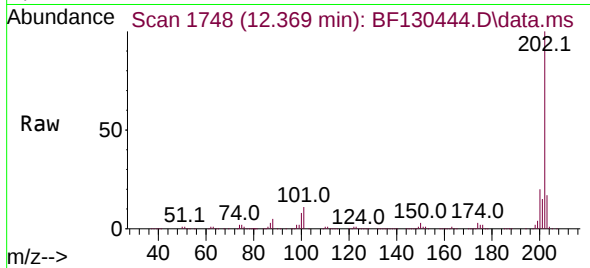
Tgt Ion:149 Resp: 1021071
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 5.1 4.8 7.2





#75
Fluoranthene
Concen: 41.471 ng
RT: 12.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

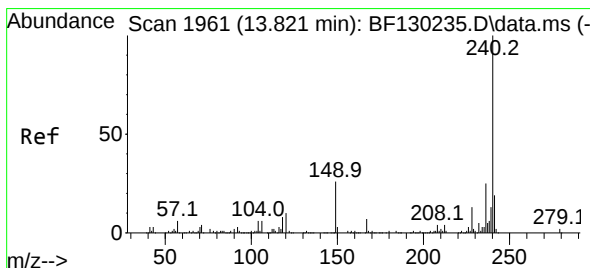
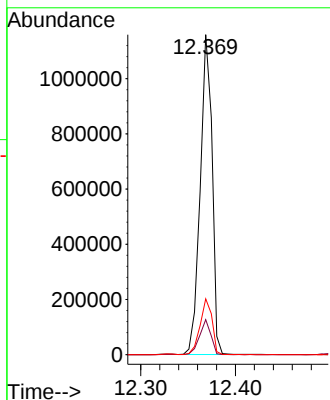
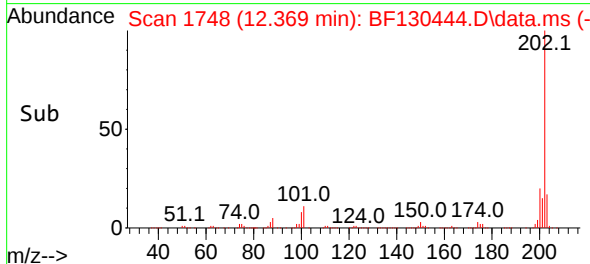
Instrument :
BNA_F
ClientSampleId :
PB147922BS



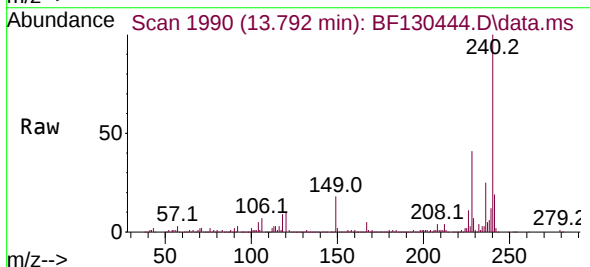
Tgt Ion:202 Resp: 1008538
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.8
203 17.4 0.0 37.8

Manual Integrations
APPROVED

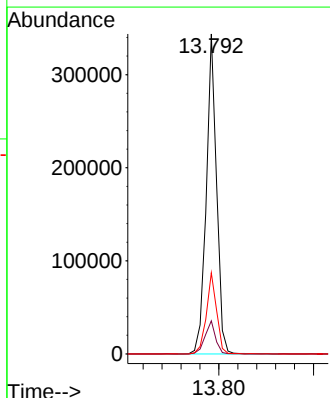
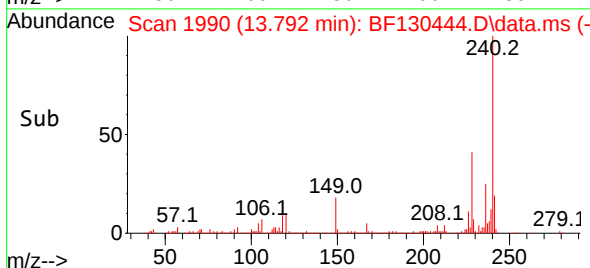
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

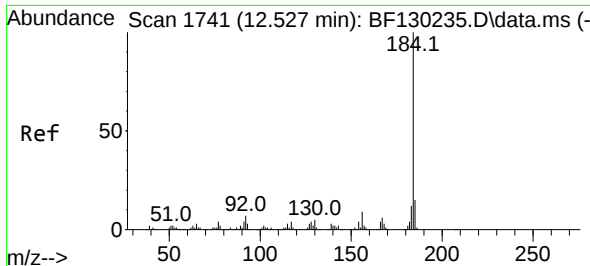


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.792 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43



Tgt Ion:240 Resp: 260950
Ion Ratio Lower Upper
240 100
120 10.4 8.7 13.1
236 25.3 20.9 31.3





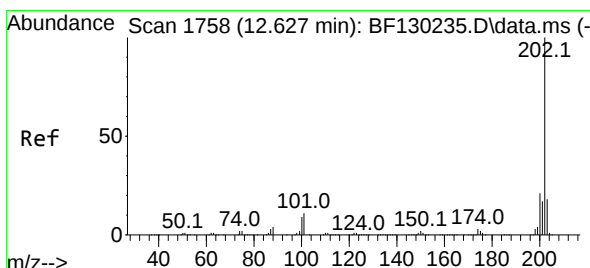
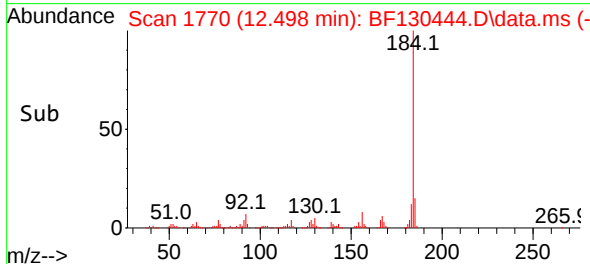
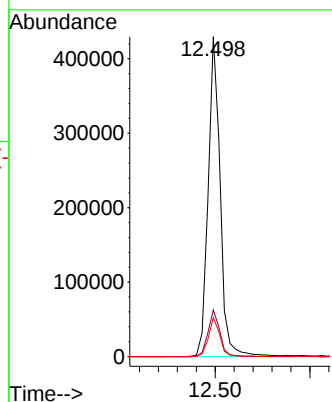
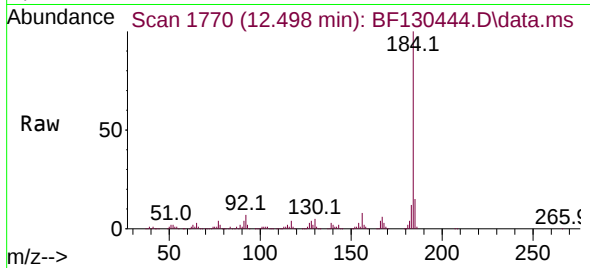
#77
Benzidine
Concen: 50.169 ng
RT: 12.498 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

Instrument :
BNA_F
ClientSampleId :
PB147922BS

Tgt Ion:184 Resp: 38004
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 12.2 9.1 13.7

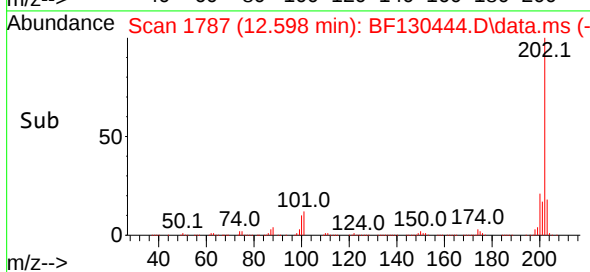
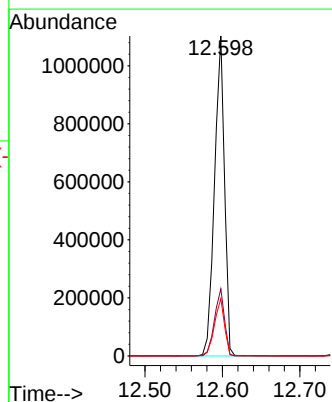
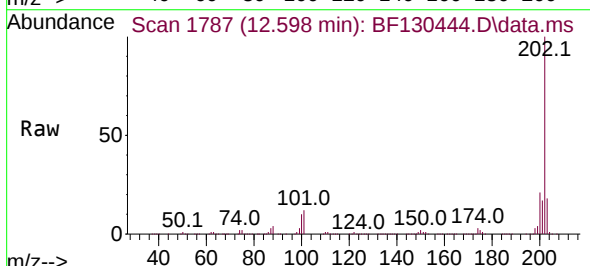
Manual Integrations
APPROVED

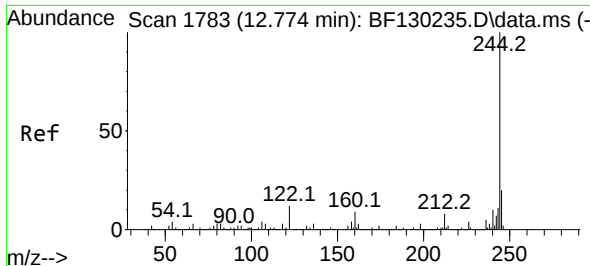
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#78
Pyrene
Concen: 43.268 ng
RT: 12.598 min Scan# 1787
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

Tgt Ion:202 Resp: 987728
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 17.9 14.3 21.5





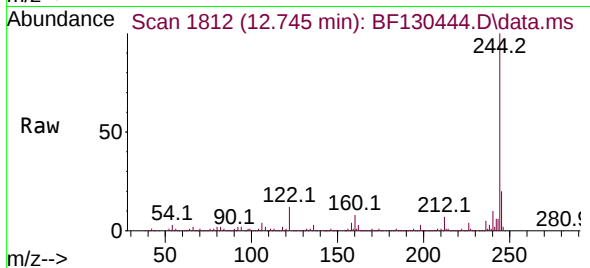
#79
 Terphenyl-d14
 Concen: 94.764 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. -0.000 min
 Lab File: BF130444.D
 Acq: 28 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

PB147922BS

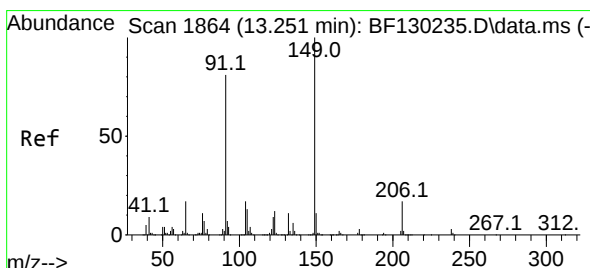
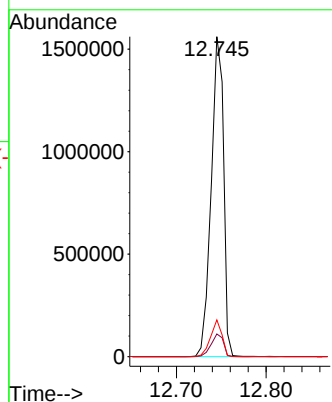
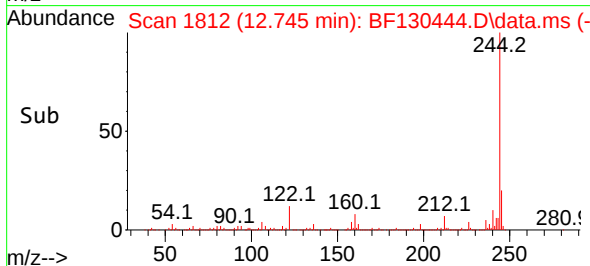


Tgt Ion:244 Resp: 1492832
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.5 8.5 12.7

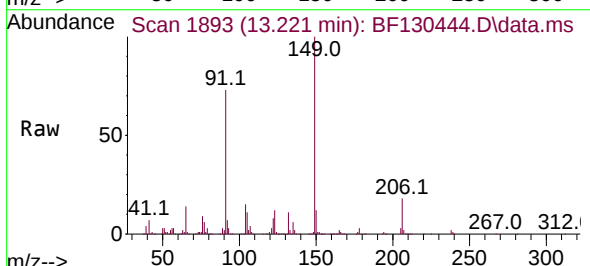
Manual Integrations

APPROVED

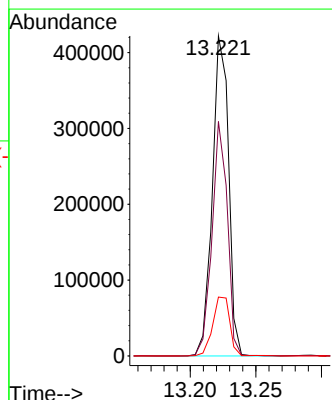
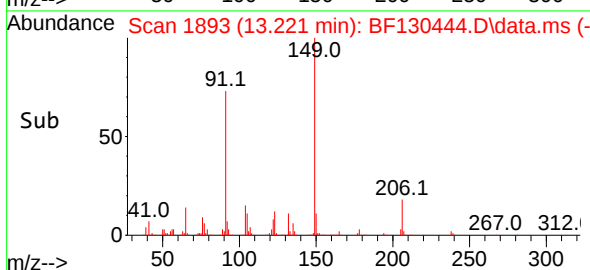
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022

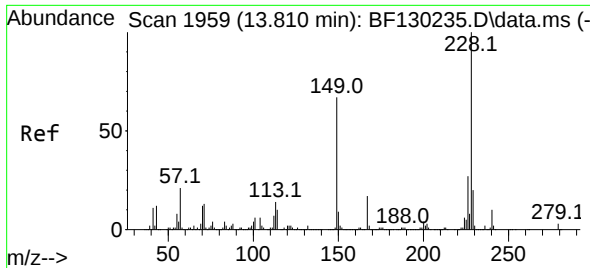


#80
 Butylbenzylphthalate
 Concen: 42.953 ng
 RT: 13.221 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: BF130444.D
 Acq: 28 Sep 2022 12:43



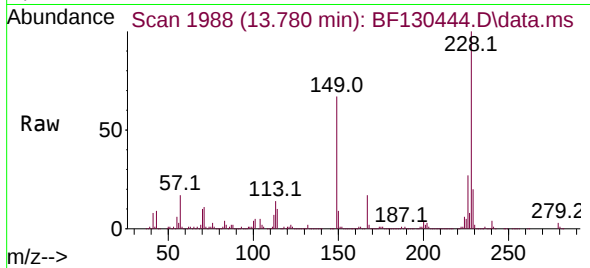
Tgt Ion:149 Resp: 363247
 Ion Ratio Lower Upper
 149 100
 91 73.2 59.8 89.8
 206 18.4 13.9 20.9





#81
Benzo(a)anthracene
Concen: 41.169 ng
RT: 13.780 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

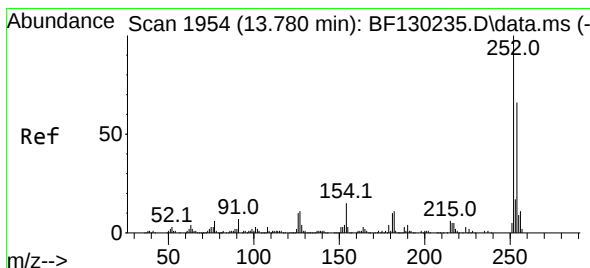
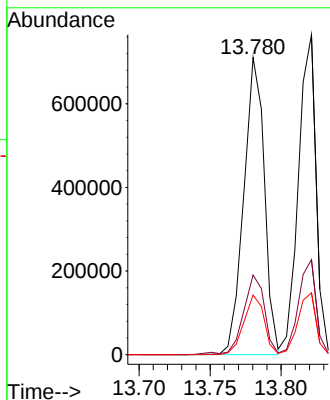
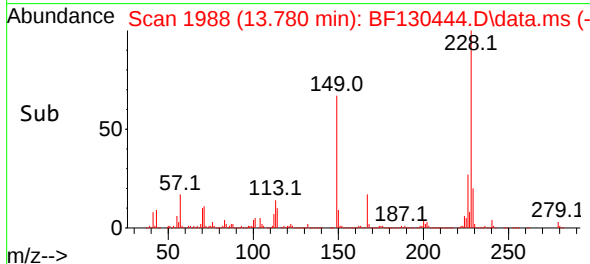
Instrument :
BNA_F
ClientSampleId :
PB147922BS



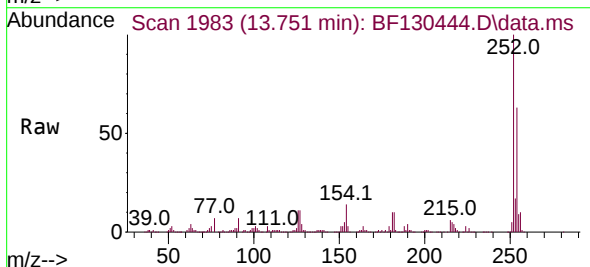
Tgt Ion:228 Resp: 714679
Ion Ratio Lower Upper
228 100
226 26.8 21.9 32.9
229 20.1 16.1 24.1

Manual Integrations
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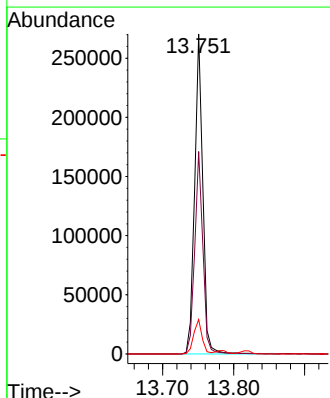
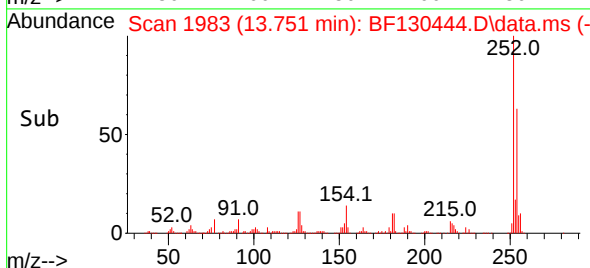
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

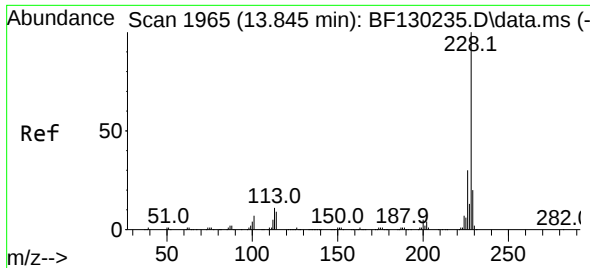


#82
3,3'-Dichlorobenzidine
Concen: 45.848 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43



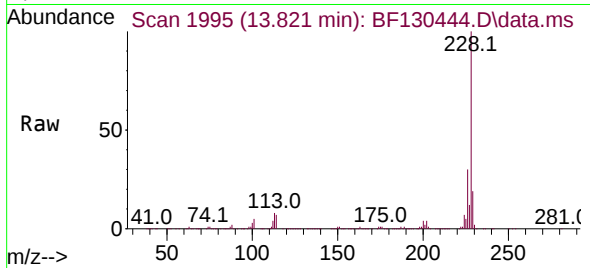
Tgt Ion:252 Resp: 216654
Ion Ratio Lower Upper
252 100
254 63.2 51.1 76.7
126 10.7 10.4 15.6





#83
Chrysene
Concen: 40.436 ng
RT: 13.821 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

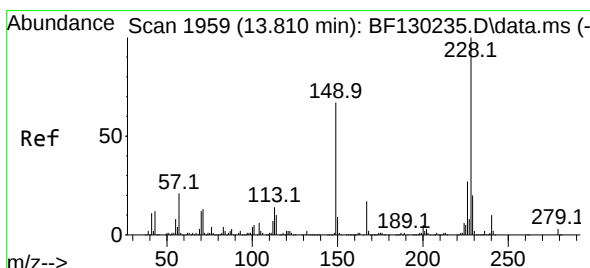
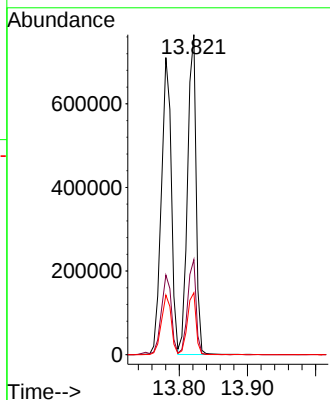
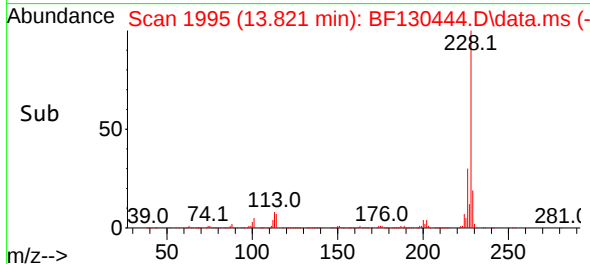
Instrument :
BNA_F
ClientSampleId :
PB147922BS



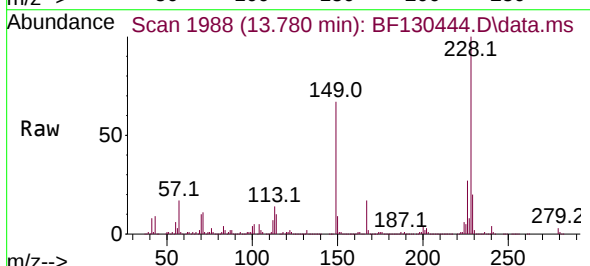
Tgt Ion:228 Resp: 666502
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.8
229 19.3 15.3 22.9

Manual Integrations
APPROVED

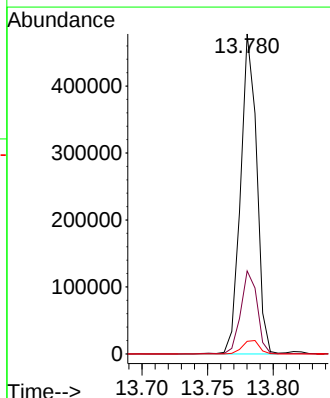
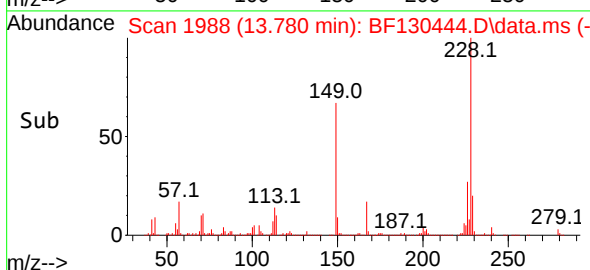
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

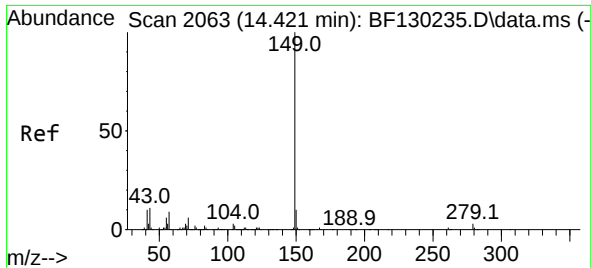


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.976 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43



Tgt Ion:149 Resp: 406609
Ion Ratio Lower Upper
149 100
167 25.9 20.5 30.7
279 4.0 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 36.738 ng
RT: 14.392 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

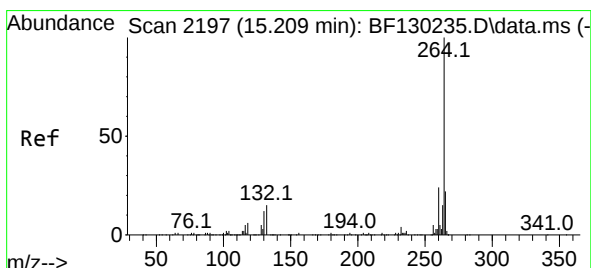
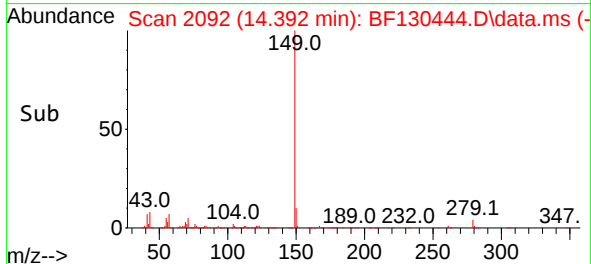
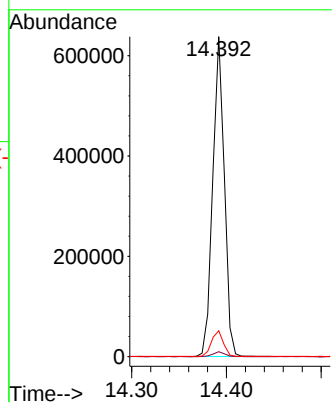
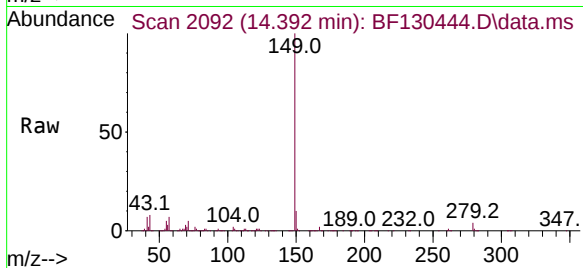
PB147922BS

Tgt Ion:149 Resp: 544313
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.2 8.7 13.1

Manual Integrations

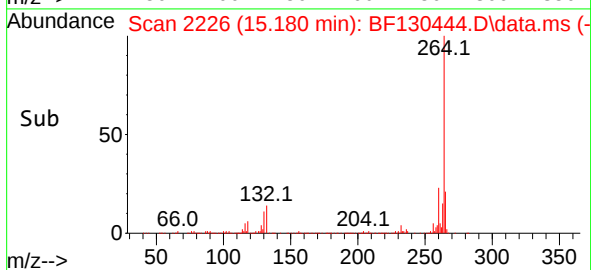
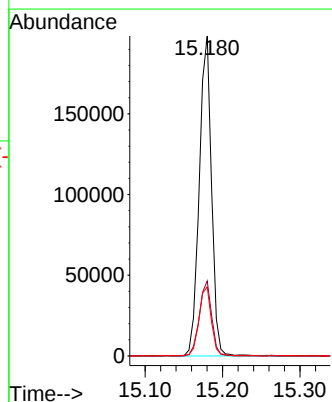
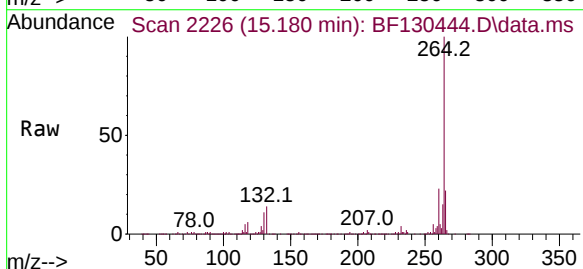
APPROVED

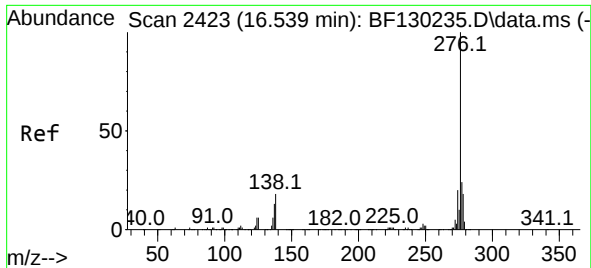
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.180 min Scan# 2226
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

Tgt Ion:264 Resp: 217340
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.6 17.0 25.4





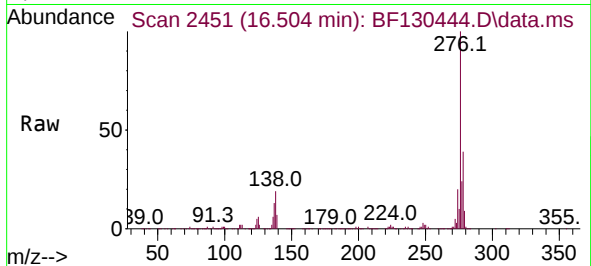
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.740 ng
 RT: 16.504 min Scan# 2423
 Delta R.T. 0.006 min
 Lab File: BF130444.D
 Acq: 28 Sep 2022 12:43

Instrument :

BNA_F

ClientSampleId :

PB147922BS

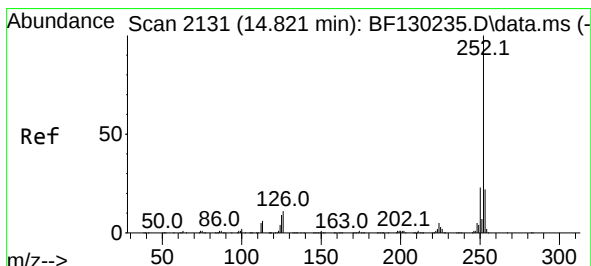
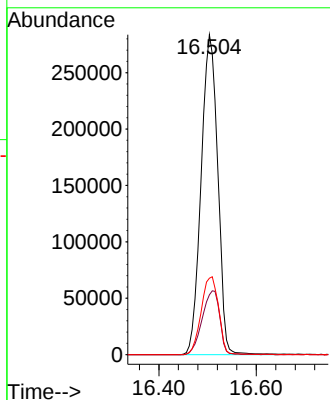
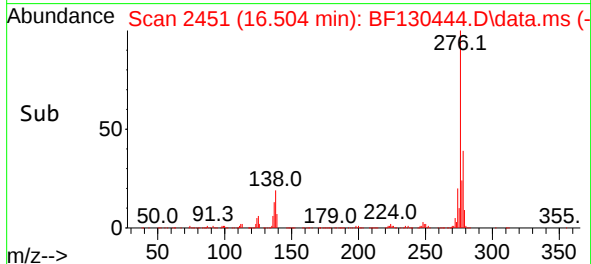


Tgt Ion:276 Resp: 674139
 Ion Ratio Lower Upper
 276 100
 138 20.9 18.5 27.7
 277 25.5 20.2 30.4

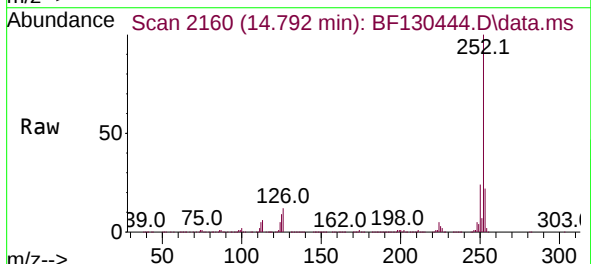
Manual Integrations

APPROVED

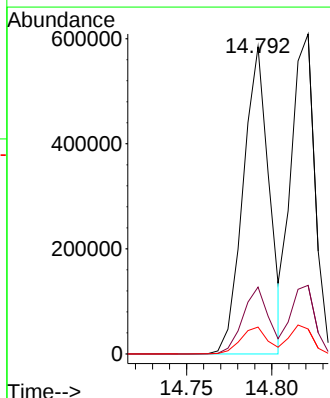
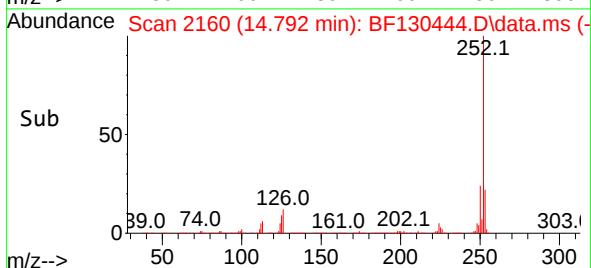
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022

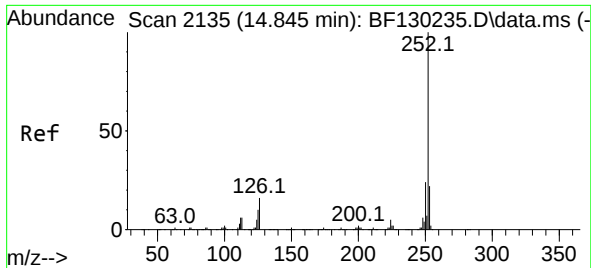


#88
 Benzo(b)fluoranthene
 Concen: 43.686 ng
 RT: 14.792 min Scan# 2160
 Delta R.T. 0.006 min
 Lab File: BF130444.D
 Acq: 28 Sep 2022 12:43



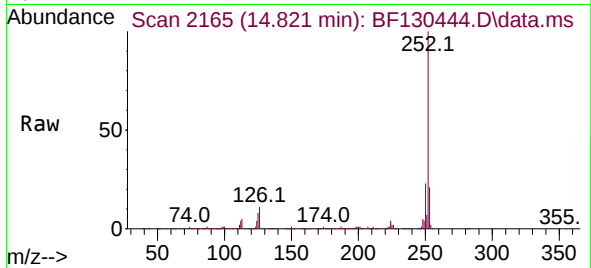
Tgt Ion:252 Resp: 619716
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.7 26.5
 125 8.7 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 42.192 ng m
RT: 14.821 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

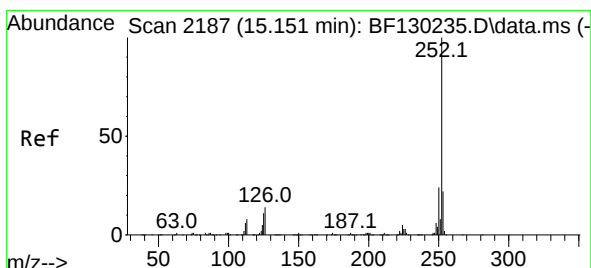
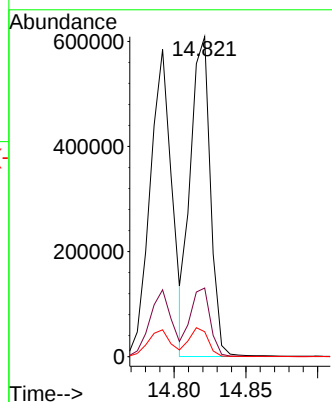
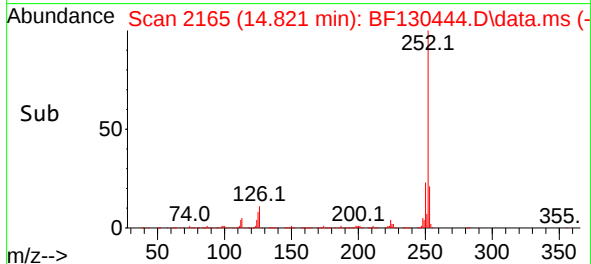
Instrument :
BNA_F
ClientSampleId :
PB147922BS



Tgt Ion:252 Resp: 588769
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 7.8 7.9 11.9

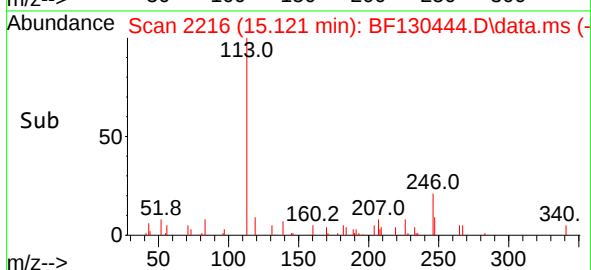
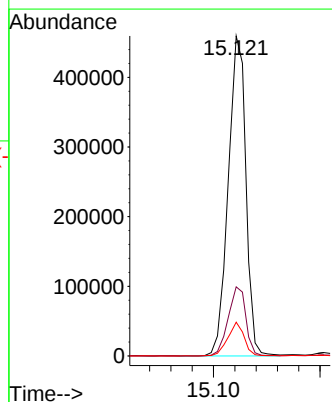
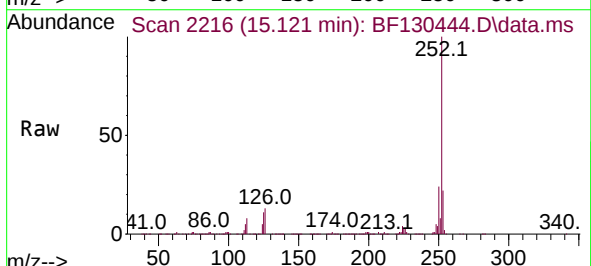
Manual Integrations
APPROVED

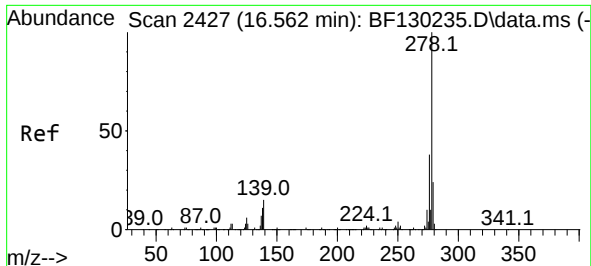
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#90
Benzo(a)pyrene
Concen: 47.206 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.006 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

Tgt Ion:252 Resp: 530526
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 10.5 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 45.851 ng
RT: 16.521 min Scan# 2427
Delta R.T. 0.012 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

Instrument :

BNA_F

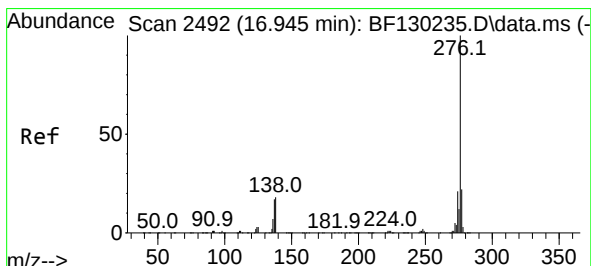
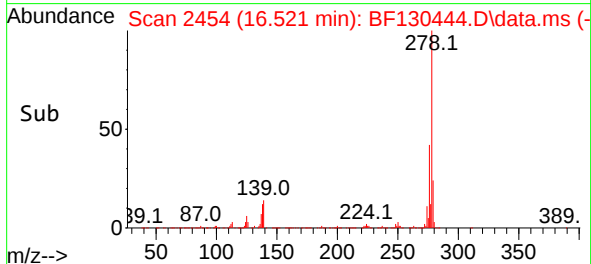
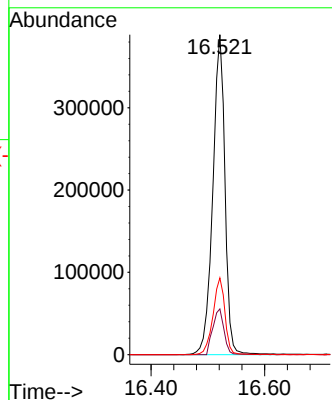
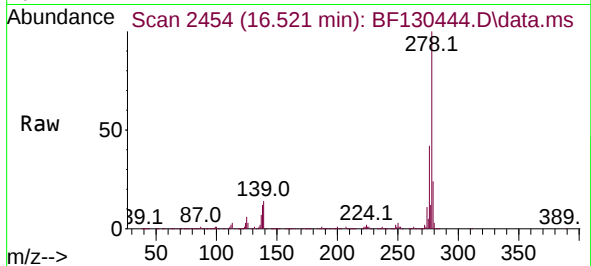
ClientSampleId :

PB147922BS

Tgt Ion:278 Resp: 579730
Ion Ratio Lower Upper
278 100
139 14.3 11.8 17.8
279 24.0 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#92
Benzo(g,h,i)perylene
Concen: 46.170 ng
RT: 16.904 min Scan# 2519
Delta R.T. 0.012 min
Lab File: BF130444.D
Acq: 28 Sep 2022 12:43

Tgt Ion:276 Resp: 588041
Ion Ratio Lower Upper
276 100
277 25.0 18.6 27.8
138 17.6 14.6 21.8

