

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130316.D
 Acq On : 19 Sep 2022 12:18
 Operator : CG\JU
 Sample : PB147728BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147728BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/20/2022
 Supervised By : Jagrut Upadhyay 09/20/2022

Supervised By : Jagrut
 Upadhyay
 09/20/2022

Quant Time: Sep 19 15:08:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	116614	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	457782	20.000	ng	0.00
39) Acenaphthene-d10	9.692	164	230992	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	373804	20.000	ng	0.00
76) Chrysene-d12	13.804	240	221246	20.000	ng	0.00
86) Perylene-d12	15.186	264	186096	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	565683	84.137	ng	0.01
7) Phenol-d6	6.298	99	696160	82.753	ng	0.00
23) Nitrobenzene-d5	7.234	82	660723	73.737	ng	0.00
42) 2,4,6-Tribromophenol	10.481	330	198139	89.520	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1255435	79.144	ng	0.00
79) Terphenyl-d14	12.757	244	1258109	94.196	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.381	88	86787	28.107	ng	96
3) Pyridine	3.058	79	238782	29.645	ng	97
4) n-Nitrosodimethylamine	3.022	42	158222	36.116	ng	99
6) Aniline	6.328	93	412742	39.820	ng	97
8) 2-Chlorophenol	6.446	128	321364	41.960	ng	94
9) Benzaldehyde	6.210	77	180492	32.030	ng	97
10) Phenol	6.316	94	398222	40.393	ng	85
11) bis(2-Chloroethyl)ether	6.404	93	288992	40.641	ng	95
12) 1,3-Dichlorobenzene	6.598	146	343990	40.819	ng	99
13) 1,4-Dichlorobenzene	6.681	146	351725	40.928	ng	98
14) 1,2-Dichlorobenzene	6.828	146	330996	41.231	ng	98
15) Benzyl Alcohol	6.810	79	268124	40.199	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.945	45	395912	38.174	ng	97
17) 2-Methylphenol	6.922	107	255084	40.972	ng	98
18) Hexachloroethane	7.169	117	134627	39.743	ng	99
19) n-Nitroso-di-n-propyla...	7.087	70	226465	39.895	ng	94
20) 3+4-Methylphenols	7.081	107	320796	39.664	ng	# 87
22) Acetophenone	7.081	105	457576	40.884	ng	97
24) Nitrobenzene	7.251	77	340959	37.474	ng	96
25) Isophorone	7.492	82	606323	41.982	ng	99
26) 2-Nitrophenol	7.563	139	161720	43.359	ng	94
27) 2,4-Dimethylphenol	7.604	122	275212	47.922	ng	98
28) bis(2-Chloroethoxy)met...	7.704	93	363512	44.700	ng	100
29) 2,4-Dichlorophenol	7.804	162	263555	41.879	ng	98
30) 1,2,4-Trichlorobenzene	7.887	180	271721	39.935	ng	96
31) Naphthalene	7.969	128	928607	39.374	ng	99
32) Benzoic acid	7.745	122	180557	40.656	ng	92
33) 4-Chloroaniline	8.022	127	307622	34.295	ng	97
34) Hexachlorobutadiene	8.081	225	177356	40.787	ng	100
35) Caprolactam	8.398	113	79068m	43.826	ng	
36) 4-Chloro-3-methylphenol	8.504	107	288667	41.383	ng	96
37) 2-Methylnaphthalene	8.657	142	606998	40.367	ng	99
38) 1-Methylnaphthalene	8.757	142	563676	39.021	ng	99
40) 1,2,4,5-Tetrachloroben...	8.822	216	275988	43.781	ng	99
41) Hexachlorocyclopentadiene	8.810	237	376332	111.504	ng	99
43) 2,4,6-Trichlorophenol	8.934	196	187580	42.636	ng	97

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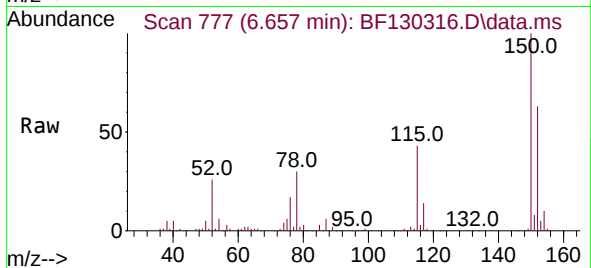
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.975	196	192145	40.472	ng	98
46) 1,1'-Biphenyl	9.122	154	727777	42.186	ng	99
47) 2-Chloronaphthalene	9.145	162	562398	40.300	ng	97
48) 2-Nitroaniline	9.245	65	178659	38.384	ng	93
49) Acenaphthylene	9.557	152	848680	40.560	ng	100
50) Dimethylphthalate	9.428	163	645745	40.470	ng	99
51) 2,6-Dinitrotoluene	9.486	165	140756	42.180	ng	97
52) Acenaphthene	9.728	154	607668m	44.201	ng	
53) 3-Nitroaniline	9.657	138	118579	31.890	ng	92
54) 2,4-Dinitrophenol	9.763	184	140431	77.767	ng	92
55) Dibenzofuran	9.898	168	762020	39.850	ng	99
56) 4-Nitrophenol	9.822	139	227501	84.002	ng	96
57) 2,4-Dinitrotoluene	9.892	165	185424	43.478	ng	91
58) Fluorene	10.239	166	623181	39.849	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.016	232	146308	39.372	ng	98
60) Diethylphthalate	10.128	149	637251	39.826	ng	99
61) 4-Chlorophenyl-phenyle...	10.239	204	289881	42.255	ng	93
62) 4-Nitroaniline	10.269	138	144730	38.746	ng	96
63) Azobenzene	10.398	77	620625	37.668	ng	96
65) 4,6-Dinitro-2-methylph...	10.292	198	87732	42.162	ng	97
66) n-Nitrosodiphenylamine	10.357	169	524350	41.977	ng	100
67) 4-Bromophenyl-phenylether	10.722	248	182542	44.267	ng	96
68) Hexachlorobenzene	10.781	284	206462	44.168	ng	# 91
69) Atrazine	10.886	200	169854	46.530	ng	96
70) Pentachlorophenol	10.981	266	223468	89.076	ng	100
71) Phenanthrene	11.198	178	851425	40.569	ng	99
72) Anthracene	11.251	178	856343	42.283	ng	99
73) Carbazole	11.410	167	771056	42.185	ng	99
74) Di-n-butylphthalate	11.745	149	947174	42.973	ng	99
75) Fluoranthene	12.380	202	847278	41.780	ng	98
77) Benzidine	12.510	184	517948	80.645	ng	99
78) Pyrene	12.610	202	844414	43.628	ng	99
80) Butylbenzylphthalate	13.233	149	337172	47.024	ng	99
81) Benzo(a)anthracene	13.792	228	612418	41.609	ng	99
82) 3,3'-Dichlorobenzidine	13.763	252	167342	41.768	ng	# 99
83) Chrysene	13.827	228	566163	40.512	ng	99
84) Bis(2-ethylhexyl)phtha...	13.792	149	409018	49.802	ng	99
85) Di-n-octyl phthalate	14.404	149	563614	44.868	ng	97
87) Indeno(1,2,3-cd)pyrene	16.510	276	563574	42.705	ng	99
88) Benzo(b)fluoranthene	14.798	252	546443	44.988	ng	100
89) Benzo(k)fluoranthene	14.827	252	482637	40.394	ng	99
90) Benzo(a)pyrene	15.133	252	446656	46.416	ng	98
91) Dibenzo(a,h)anthracene	16.527	278	495339	45.754	ng	97
92) Benzo(g,h,i)perylene	16.915	276	482057	44.203	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
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PB147728BS

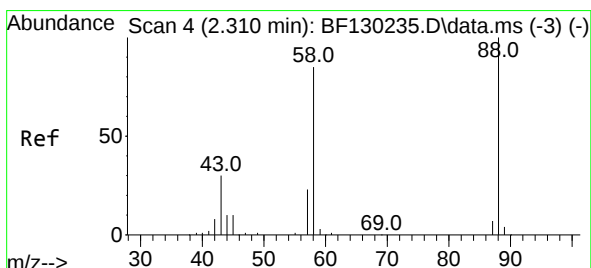
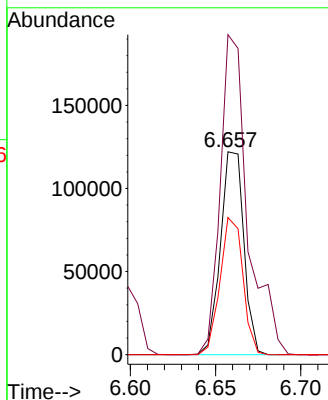
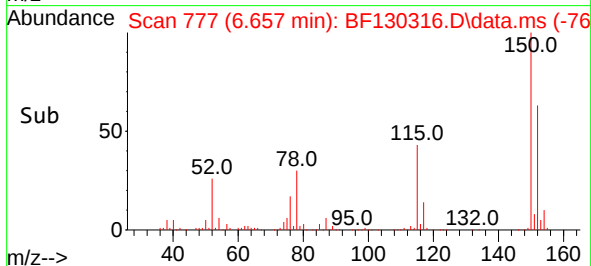


Tgt Ion:152 Resp: 116614
Ion Ratio Lower Upper
152 100
150 157.8 122.8 184.2
115 67.6 53.8 80.8

Manual Integrations
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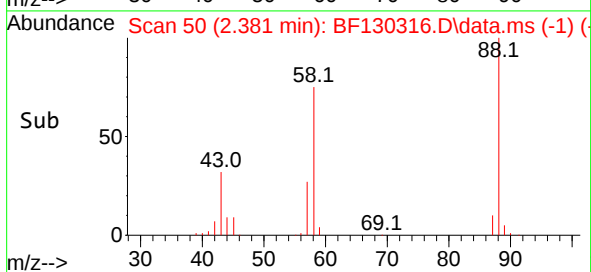
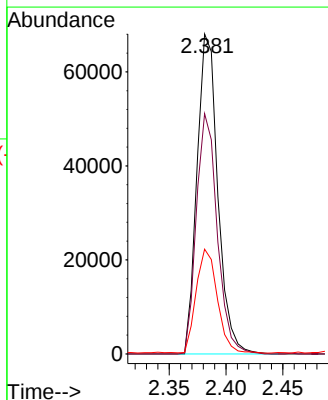
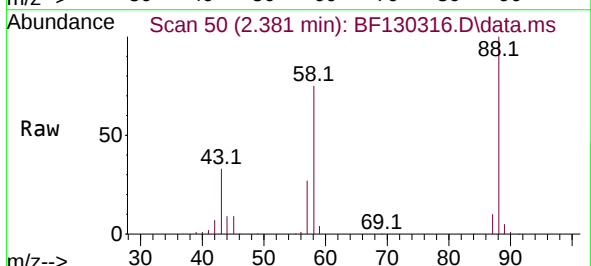
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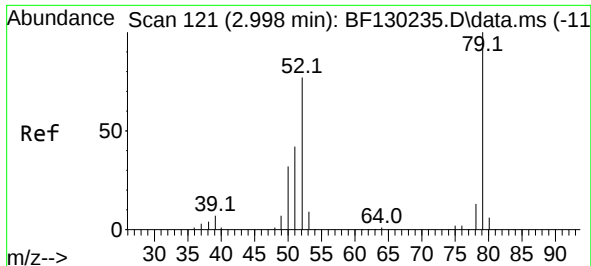
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#2
1,4-Dioxane
Concen: 28.107 ng
RT: 2.381 min Scan# 50
Delta R.T. 0.094 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

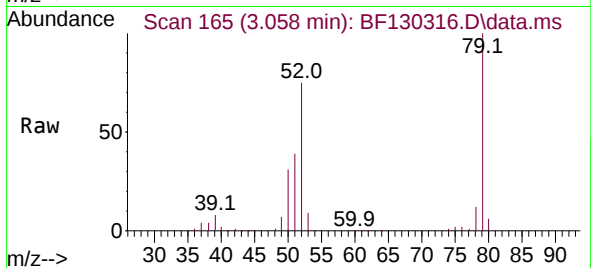
Tgt Ion: 88 Resp: 86787
Ion Ratio Lower Upper
88 100
58 75.0 61.3 91.9
43 33.0 23.0 34.6





#3
Pyridine
Concen: 29.645 ng
RT: 3.058 min Scan# 10
Delta R.T. 0.088 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
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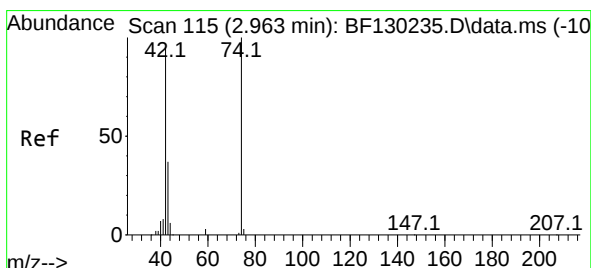
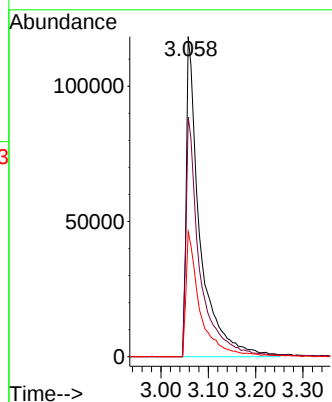
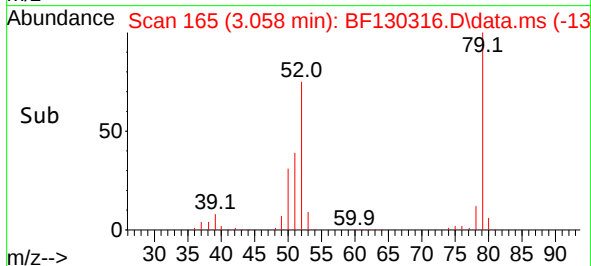


Tgt Ion: 79 Resp: 238782
Ion Ratio Lower Upper
79 100
52 74.9 62.4 93.6
51 39.0 32.2 48.4

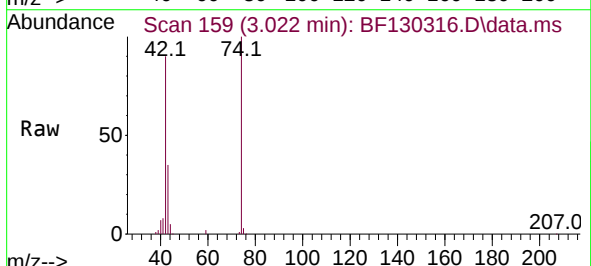
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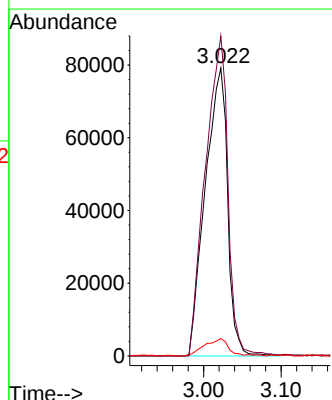
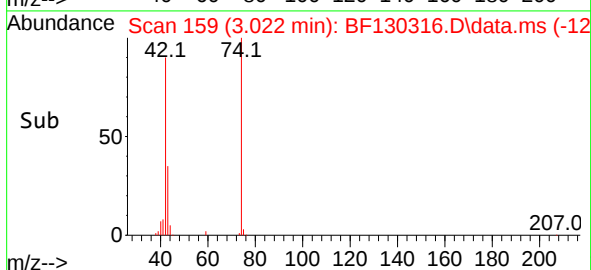
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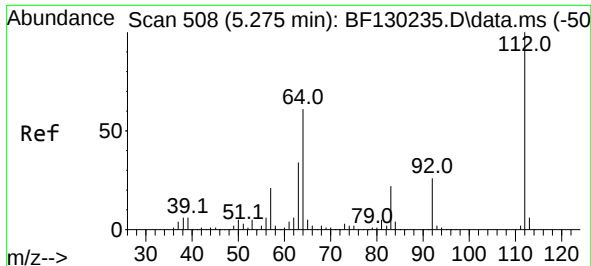


#4
n-Nitrosodimethylamine
Concen: 36.116 ng
RT: 3.022 min Scan# 159
Delta R.T. 0.082 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18



Tgt Ion: 42 Resp: 158222
Ion Ratio Lower Upper
42 100
74 111.2 88.4 132.6
44 6.0 5.0 7.4





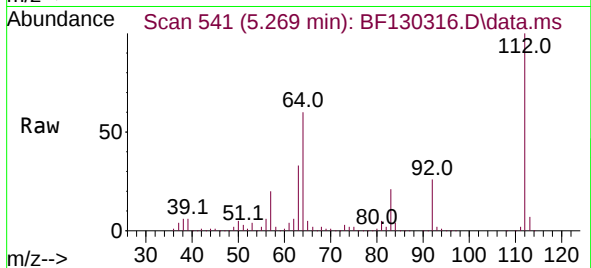
#5
2-Fluorophenol
Concen: 84.137 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB147728BS

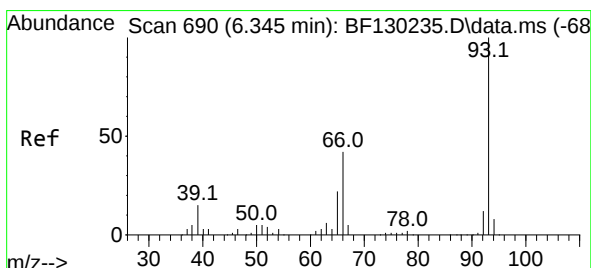
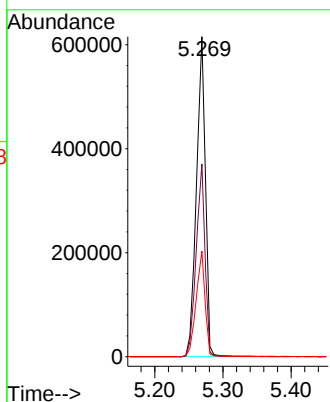
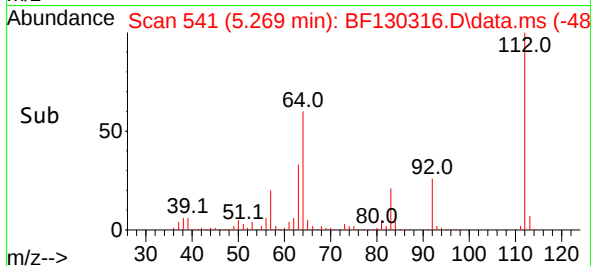


Tgt Ion:112 Resp: 565683
Ion Ratio Lower Upper
112 100
64 60.2 51.4 77.0
63 33.0 28.8 43.2

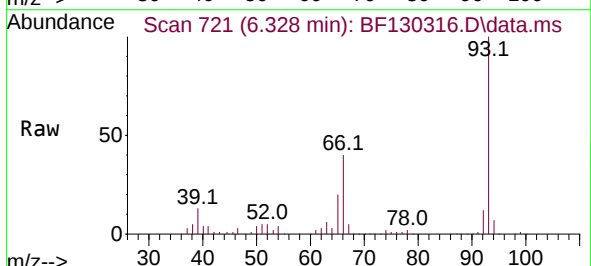
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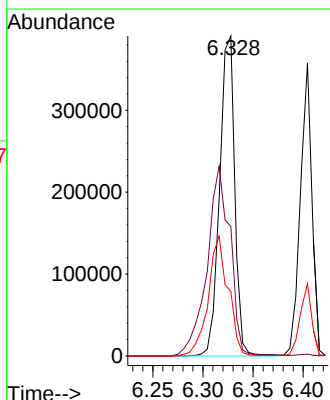
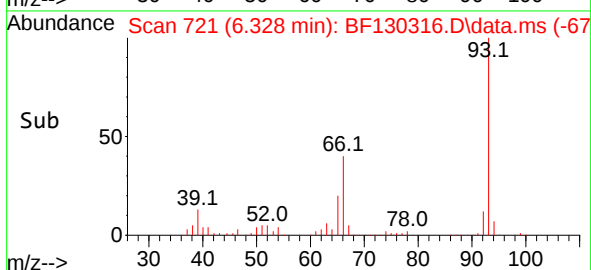
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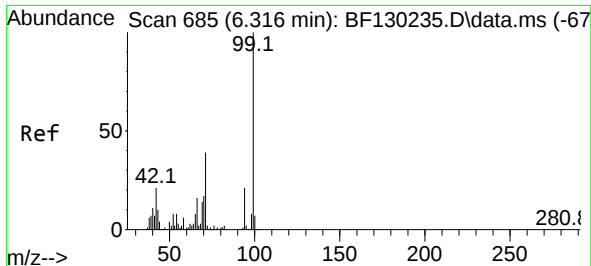


#6
Aniline
Concen: 39.820 ng
RT: 6.328 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF130316.D
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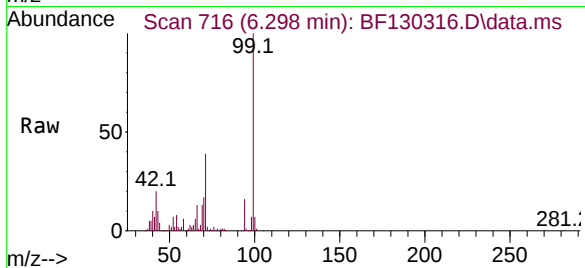
Tgt Ion: 93 Resp: 412742
Ion Ratio Lower Upper
93 100
66 40.5 34.2 51.4
65 20.1 16.6 24.8





#7
Phenol-d6
Concen: 82.753 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

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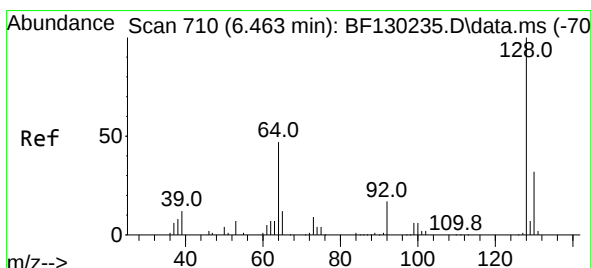
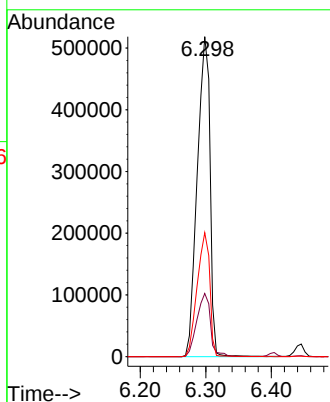
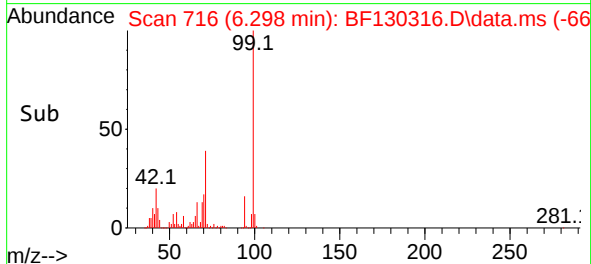


Tgt Ion: 99 Resp: 696160
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 38.7 32.3 48.5

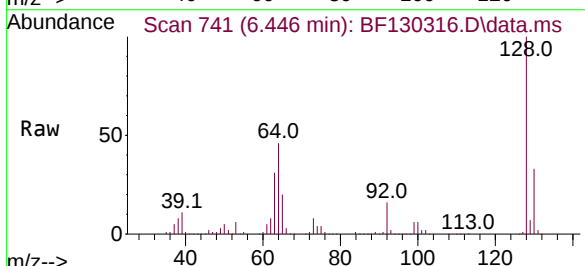
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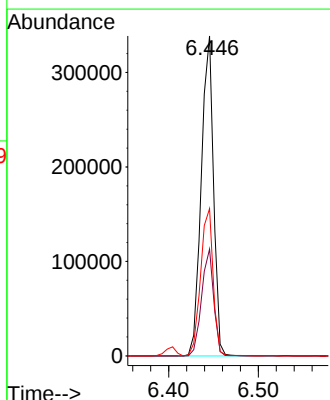
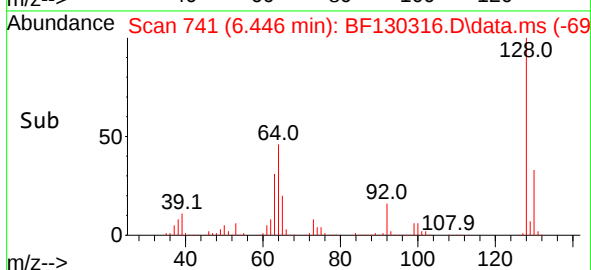
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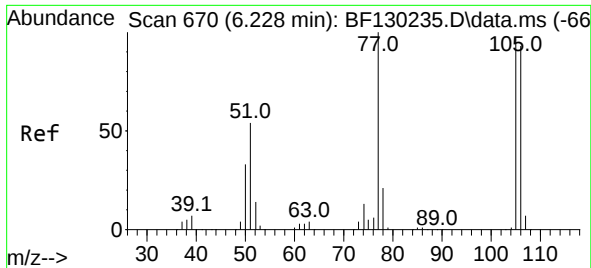


#8
2-Chlorophenol
Concen: 41.960 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18



Tgt Ion:128 Resp: 321364
Ion Ratio Lower Upper
128 100
130 33.4 12.4 52.4
64 46.0 31.6 71.6





#9
Benzaldehyde
Concen: 32.030 ng
RT: 6.210 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

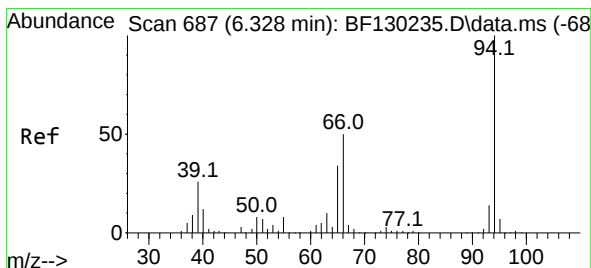
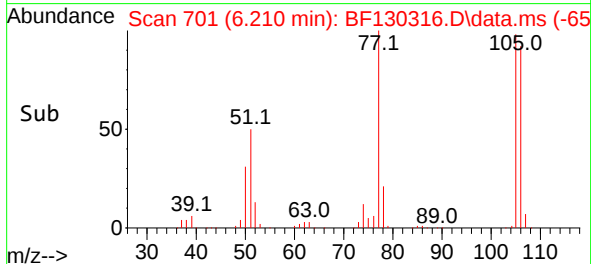
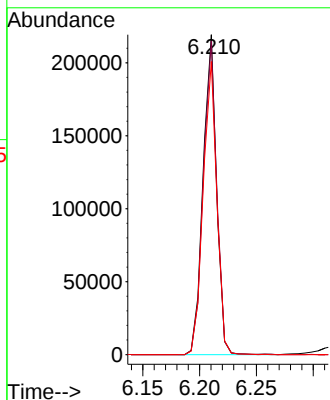
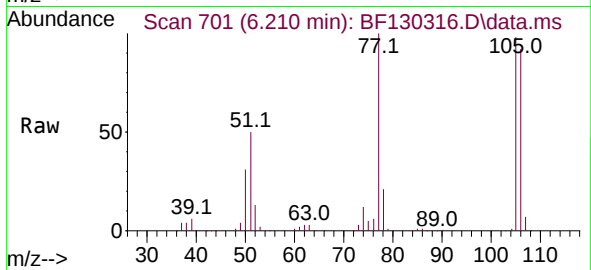
Instrument :
BNA_F
Client Sample Id :
PB147728BS

Tgt Ion: 77 Resp: 180492
Ion Ratio Lower Upper
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105 98.0 75.1 115.1
106 91.6 69.7 109.7

Manual Integrations
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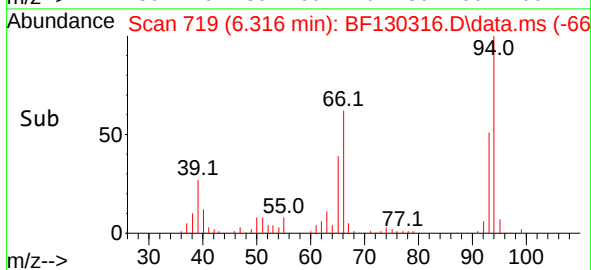
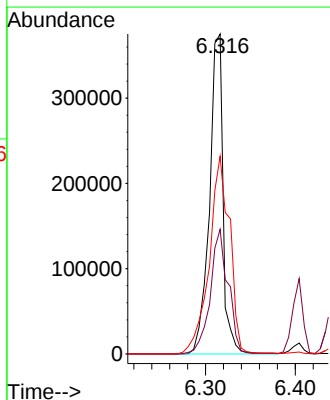
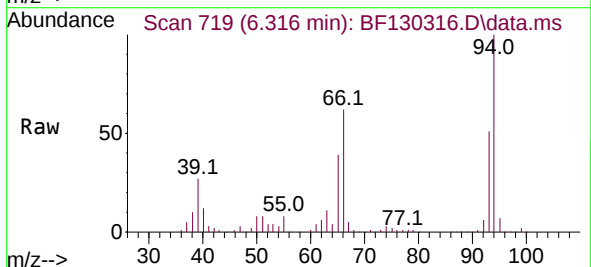
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Supervised By :Jagrut Upadhyay 09/20/2022

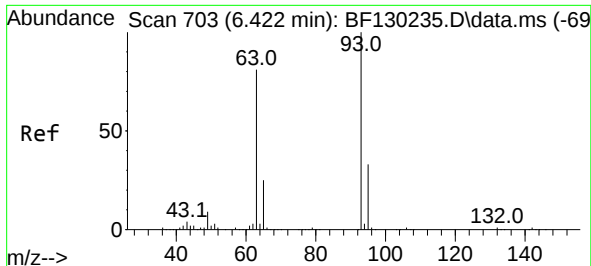
Supervised By :Jagrut
Upadhyay
09/20/2022



#10
Phenol
Concen: 40.393 ng
RT: 6.316 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

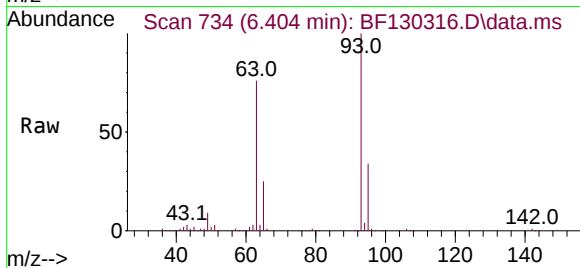
Tgt Ion: 94 Resp: 398222
Ion Ratio Lower Upper
94 100
65 39.0 14.1 54.1
66 61.7 28.1 68.1





#11
bis(2-Chloroethyl)ether
Concen: 40.641 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

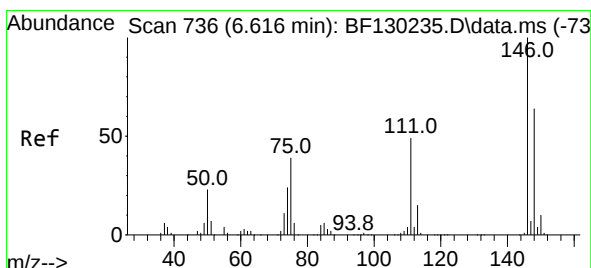
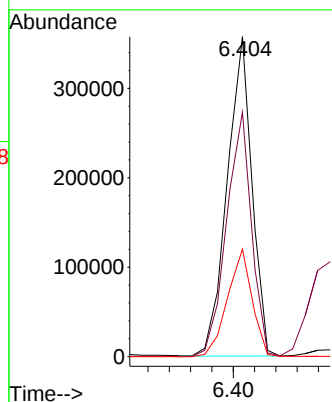
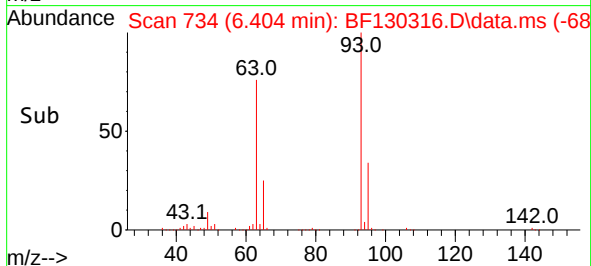


Tgt Ion: 93 Resp: 288992
Ion Ratio Lower Upper
93 100
63 76.4 62.5 102.5
95 33.6 12.5 52.5

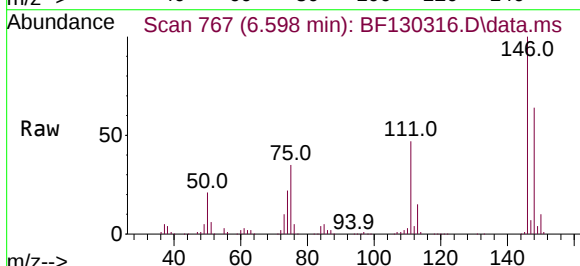
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

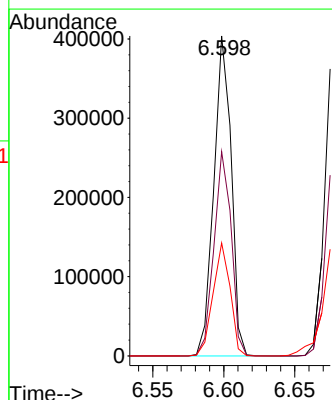
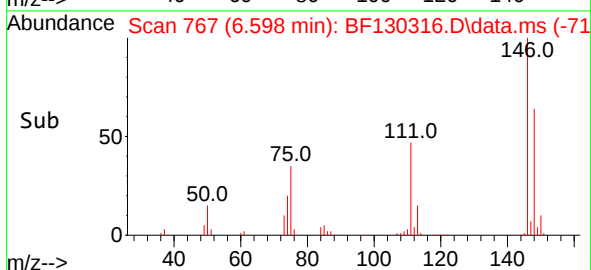
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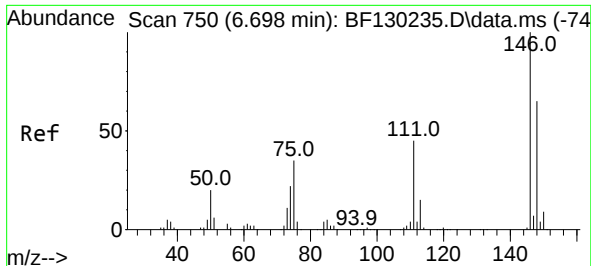


#12
1,3-Dichlorobenzene
Concen: 40.819 ng
RT: 6.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18



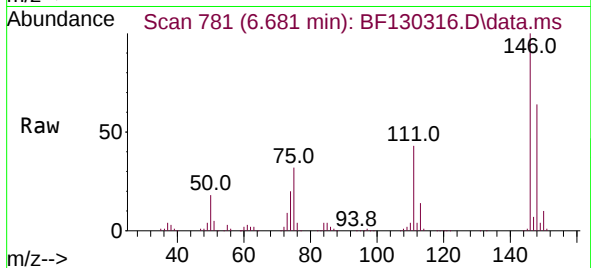
Tgt Ion:146 Resp: 343990
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
75 35.3 28.8 43.2





#13
1,4-Dichlorobenzene
Concen: 40.928 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

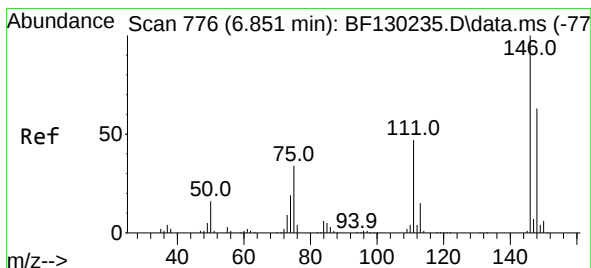
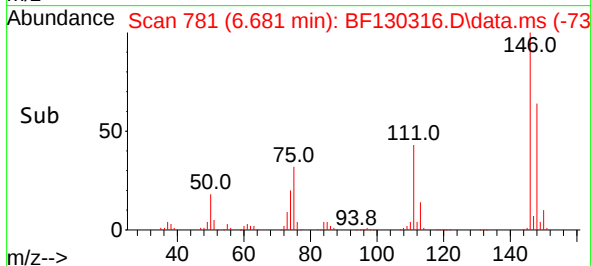
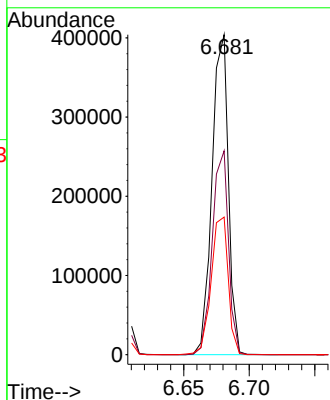


Tgt Ion:146 Resp: 351725
Ion Ratio Lower Upper
146 100
148 63.7 50.3 75.5
111 43.0 36.3 54.5

Manual Integrations
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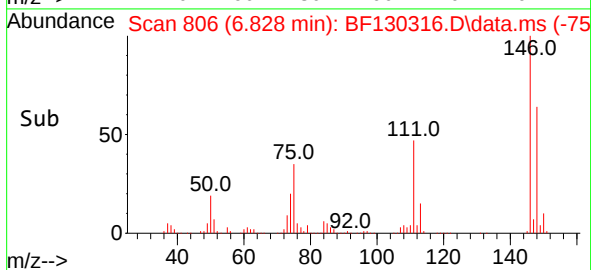
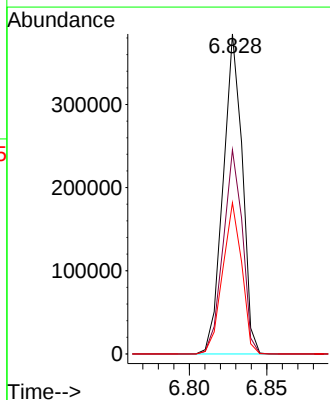
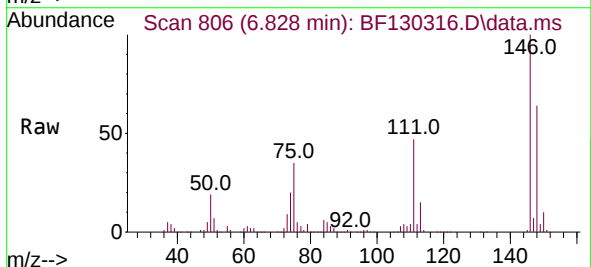
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

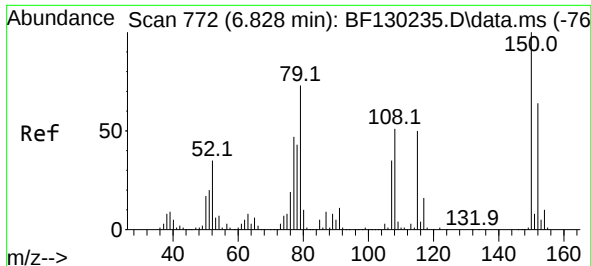
Supervised By :Jagrut
Upadhyay
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#14
1,2-Dichlorobenzene
Concen: 41.231 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

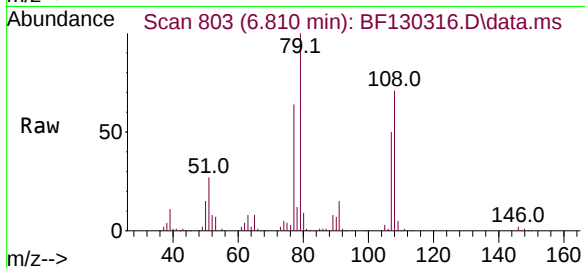
Tgt Ion:146 Resp: 330996
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
111 47.2 39.2 58.8





#15
Benzyl Alcohol
Concen: 40.199 ng
RT: 6.810 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

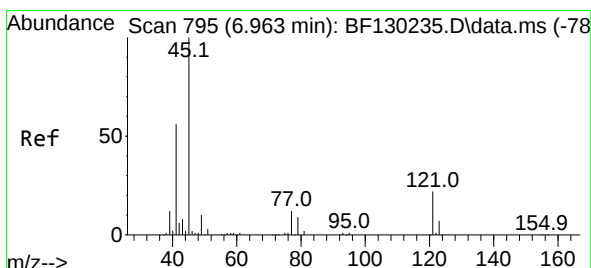
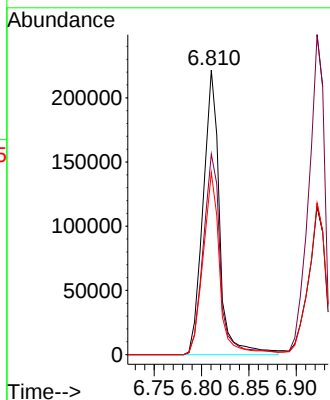
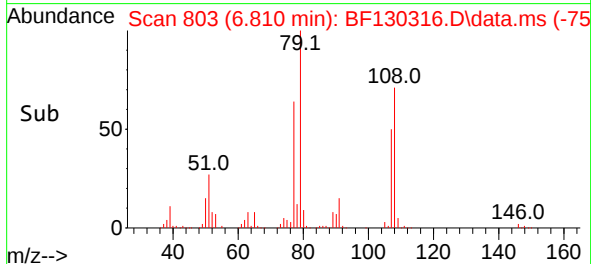


Tgt Ion: 79 Resp: 268124
Ion Ratio Lower Upper
79 100
108 70.5 54.0 81.0
77 64.0 51.3 76.9

Manual Integrations
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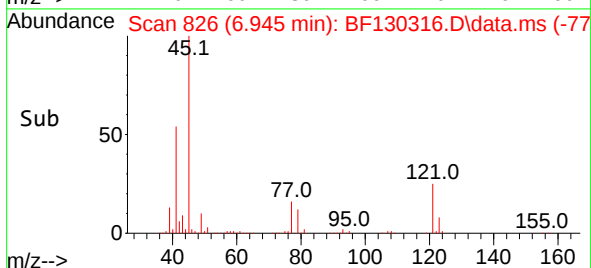
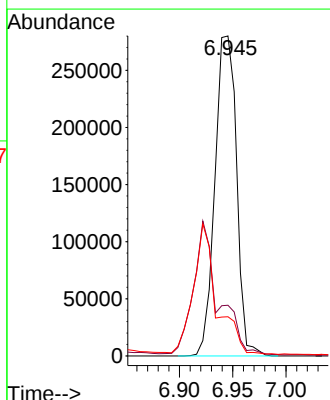
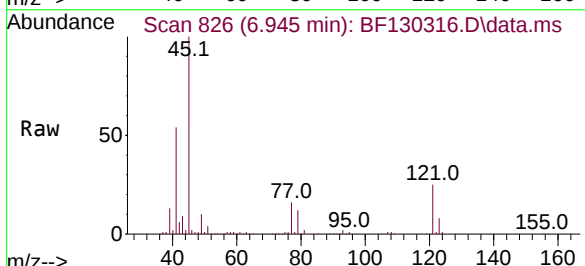
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

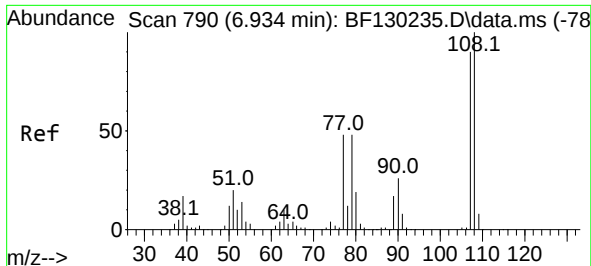
Supervised By :Jagrut
Upadhyay
09/20/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.174 ng
RT: 6.945 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Tgt Ion: 45 Resp: 395912
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.9
79 12.2 0.0 31.0





#17
2-Methylphenol
Concen: 40.972 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

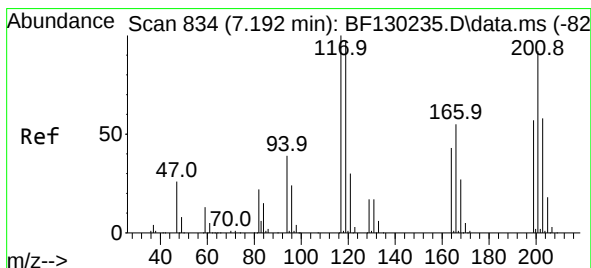
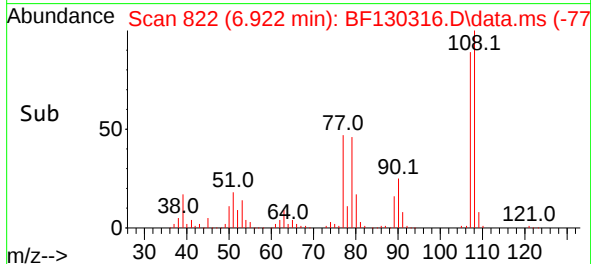
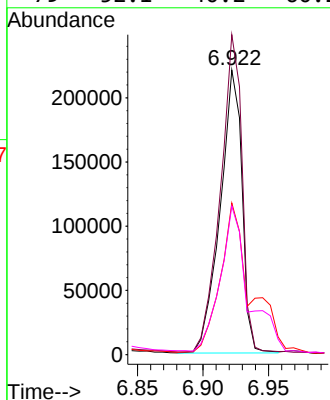
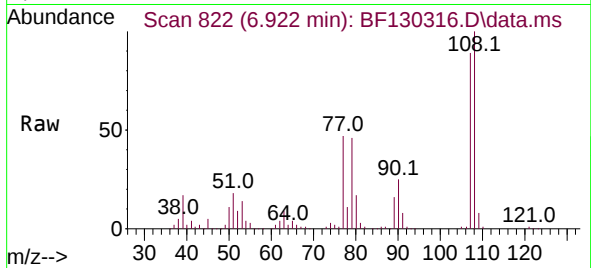
Instrument :
BNA_F
ClientSampleId :
PB147728BS

Tgt Ion:107 Resp: 255084
Ion Ratio Lower Upper
107 100
108 112.4 89.4 134.0
77 53.3 40.6 60.8
79 52.1 40.2 60.2

Manual Integrations
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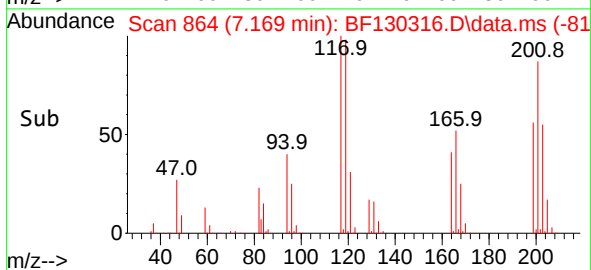
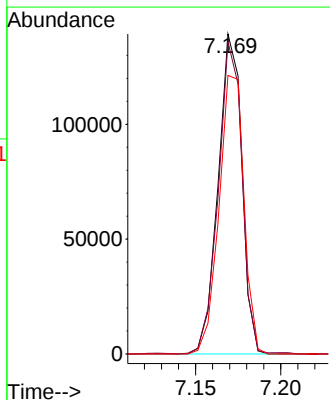
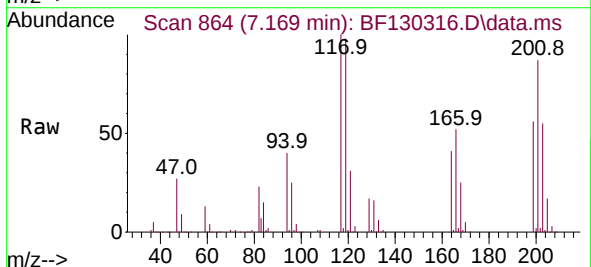
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

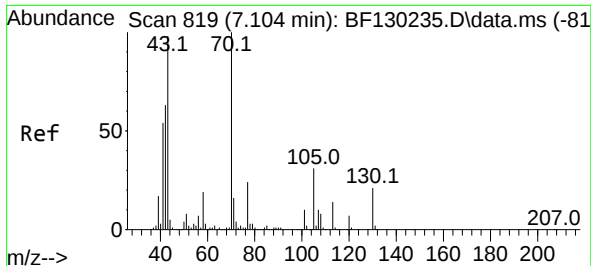
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#18
Hexachloroethane
Concen: 39.743 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Tgt Ion:117 Resp: 134627
Ion Ratio Lower Upper
117 100
119 97.5 77.8 116.6
201 87.0 68.7 103.1





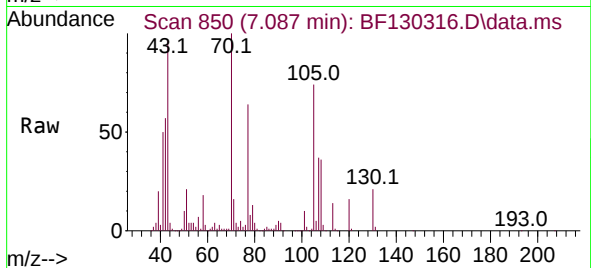
#19
n-Nitroso-di-n-propylamine
Concen: 39.895 ng
RT: 7.087 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB147728BS

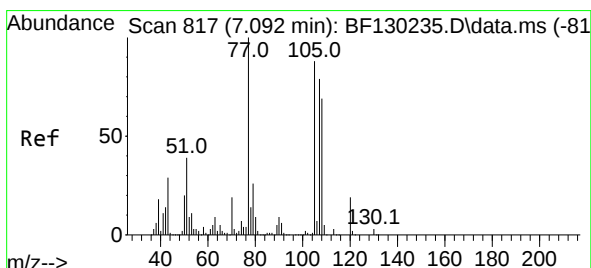
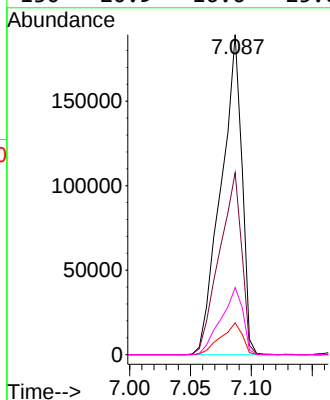
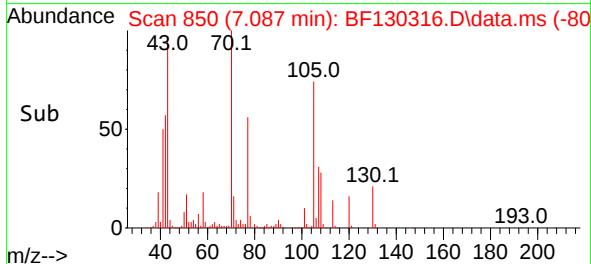


Tgt Ion: 70 Resp: 226465
Ion Ratio Lower Upper
70 100
42 56.9 50.8 76.2
101 9.9 8.2 12.4
130 20.9 16.6 25.0

Manual Integrations
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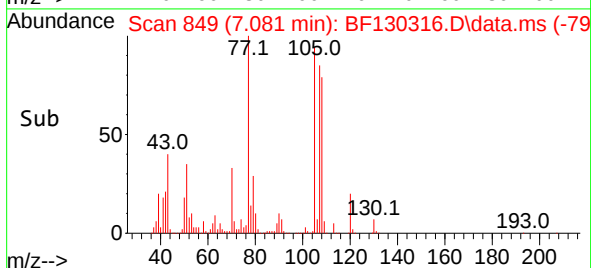
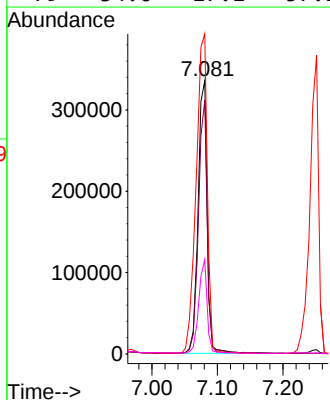
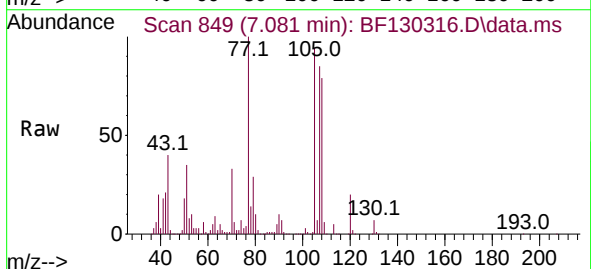
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

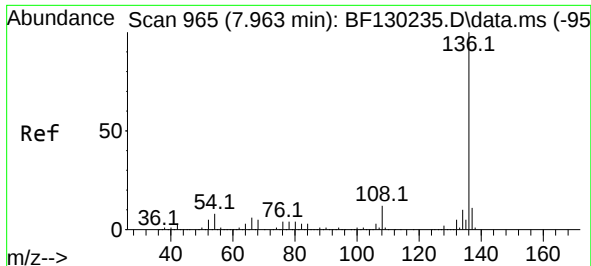
Supervised By :Jagrut
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#20
3+4-Methylphenols
Concen: 39.664 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

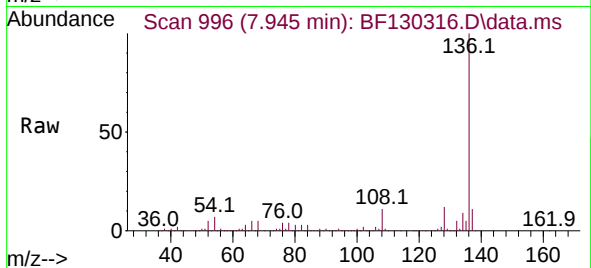
Tgt Ion:107 Resp: 320796
Ion Ratio Lower Upper
107 100
108 92.8 74.8 114.8
77 117.1 125.8 165.8#
79 34.6 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

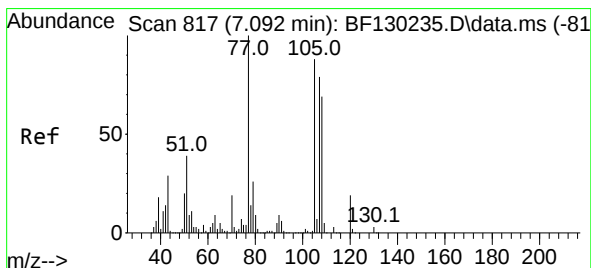
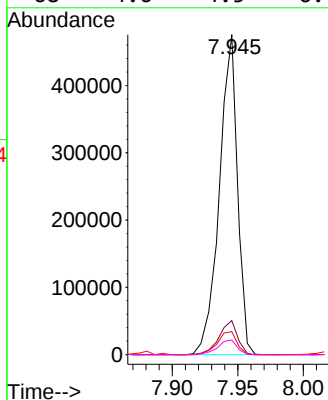
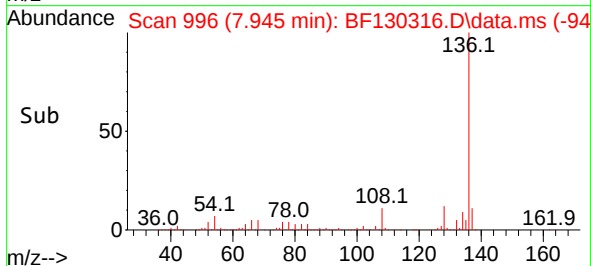


Tgt Ion:136 Resp: 457782
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 7.2 7.1 10.7
68 4.6 4.5 6.7

Manual Integrations
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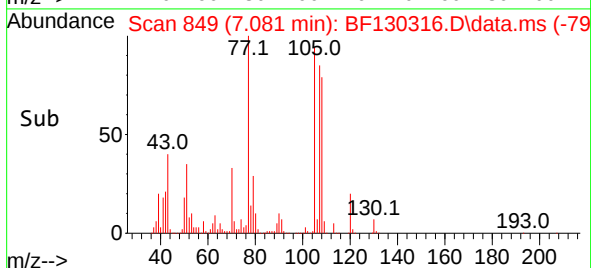
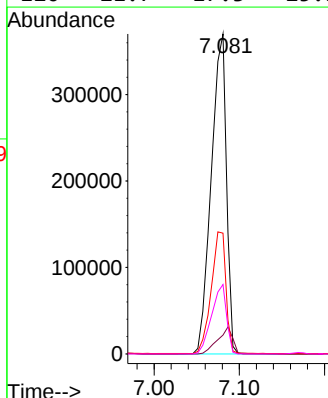
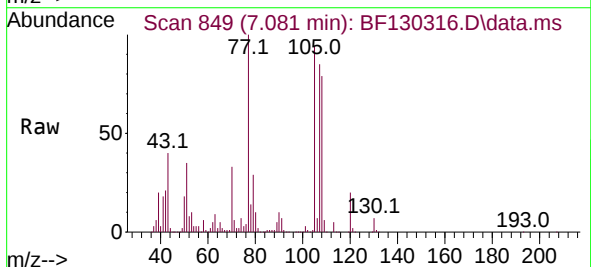
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

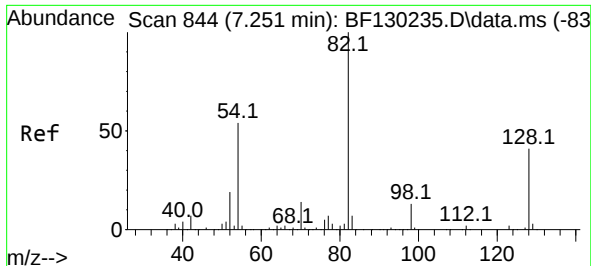
Supervised By :Jagrut
Upadhyay
09/20/2022



#22
Acetophenone
Concen: 40.884 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

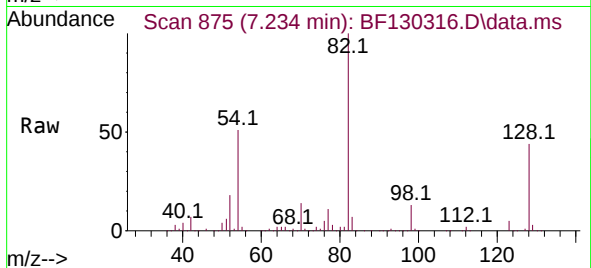
Tgt Ion:105 Resp: 457576
Ion Ratio Lower Upper
105 100
71 5.9 3.9 5.9
51 37.7 32.2 48.2
120 21.7 17.3 25.9





#23
Nitrobenzene-d5
Concen: 73.737 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

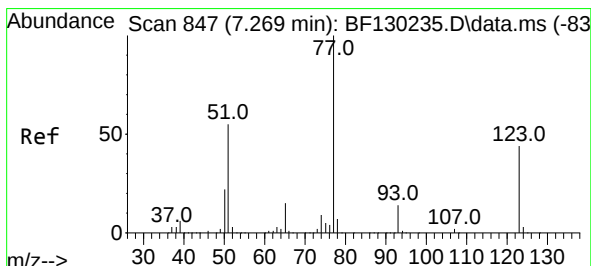
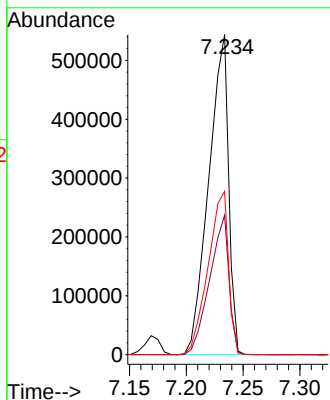
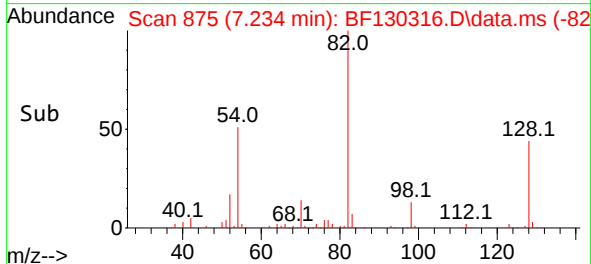


Tgt Ion: 82 Resp: 660723
Ion Ratio Lower Upper
82 100
128 43.5 32.6 49.0
54 51.0 43.8 65.6

Manual Integrations
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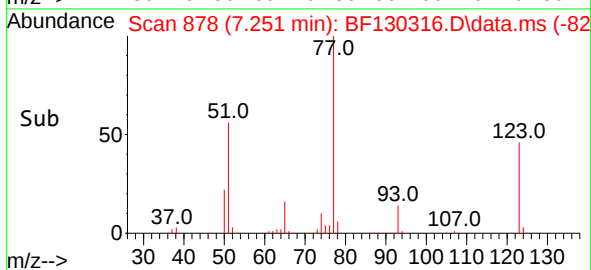
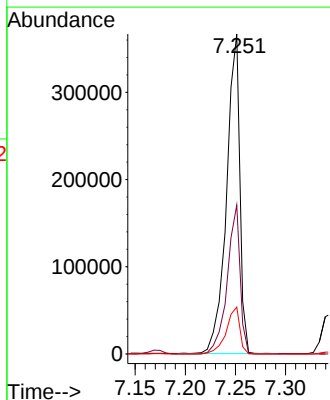
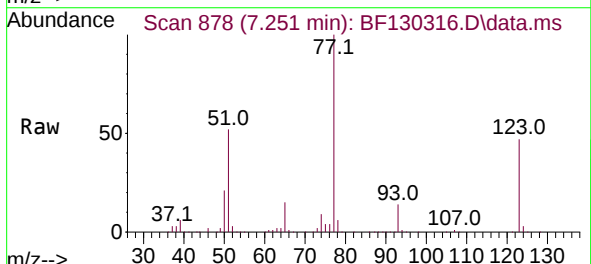
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

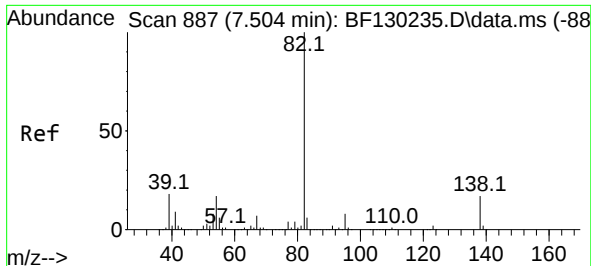
Supervised By :Jagrut
Upadhyay
09/20/2022



#24
Nitrobenzene
Concen: 37.474 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

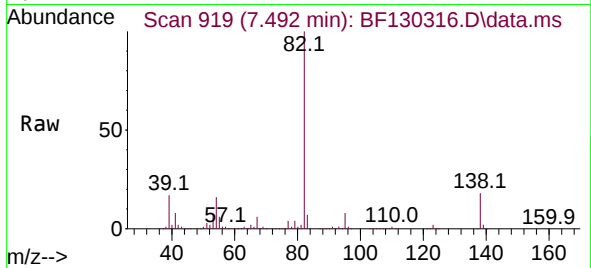
Tgt Ion: 77 Resp: 340959
Ion Ratio Lower Upper
77 100
123 46.5 34.3 51.5
65 14.6 12.0 18.0





#25
Isophorone
Concen: 41.982 ng
RT: 7.492 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

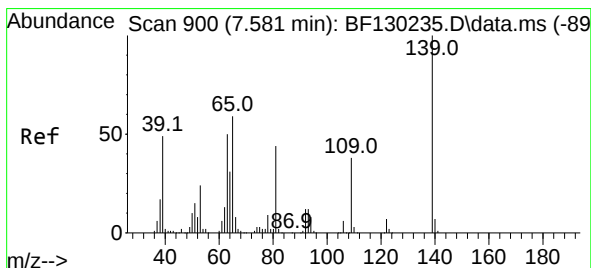
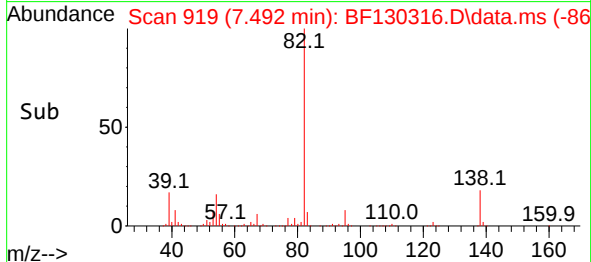
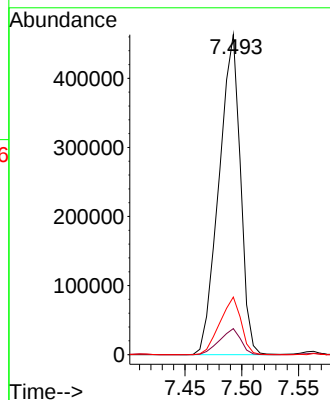


Tgt Ion: 82 Resp: 606323
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.0 13.8 20.6

Manual Integrations
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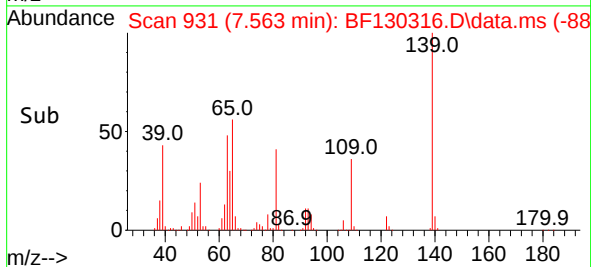
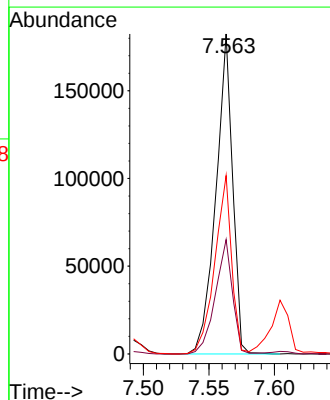
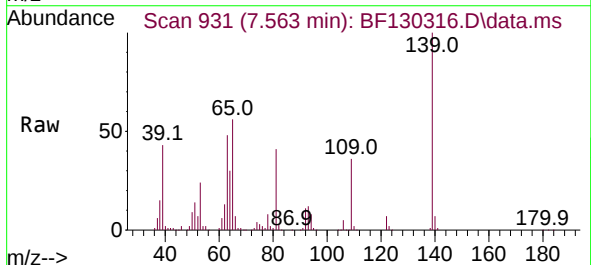
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

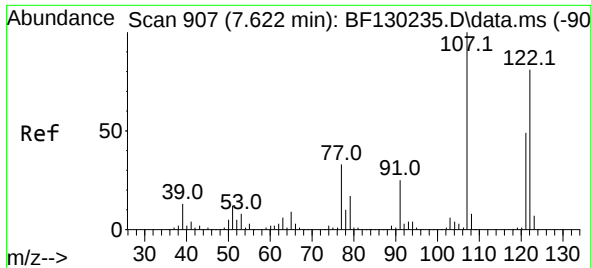
Supervised By :Jagrut
Upadhyay
09/20/2022



#26
2-Nitrophenol
Concen: 43.359 ng
RT: 7.563 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Tgt Ion:139 Resp: 161720
Ion Ratio Lower Upper
139 100
109 35.7 30.2 45.4
65 55.7 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 47.922 ng

RT: 7.604 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB147728BS

Tgt Ion:122 Resp: 275212
 Ion Ratio Lower Upper
 122 100
 107 122.2 100.2 150.2
 121 59.7 47.8 71.8

Manual Integrations

APPROVED

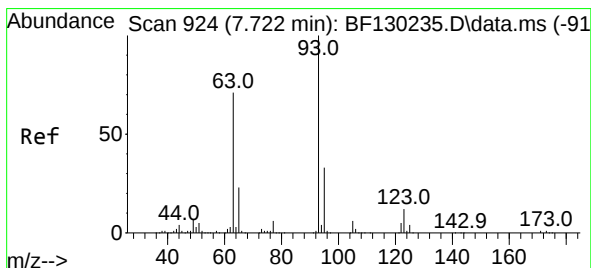
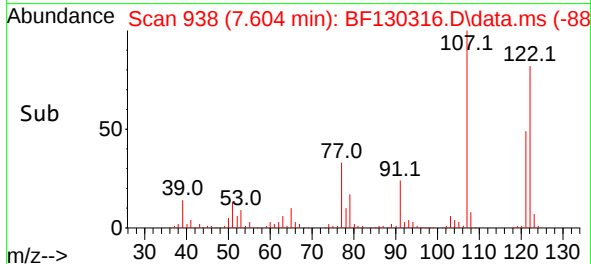
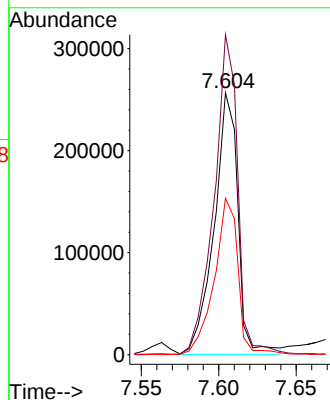
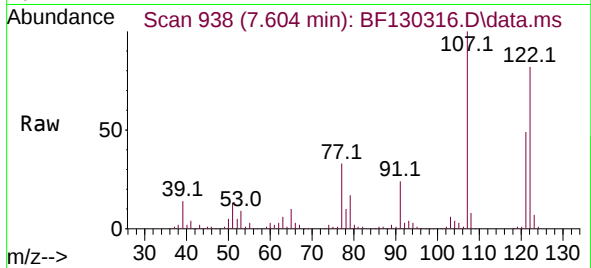
Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022

Supervised By :Jagrut

Upadhyay

09/20/2022



#28

bis(2-Chloroethoxy)methane

Concen: 44.700 ng

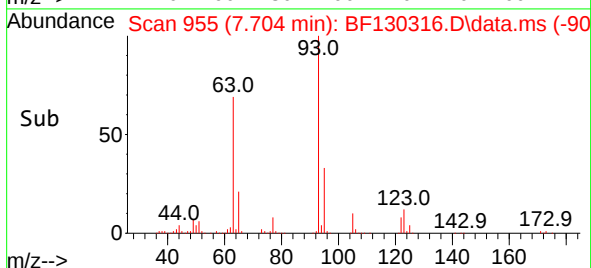
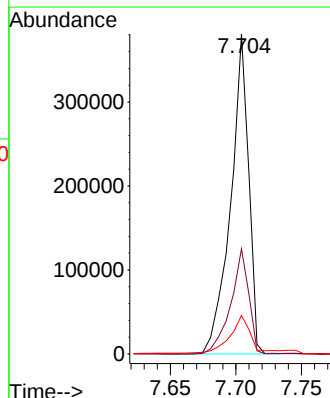
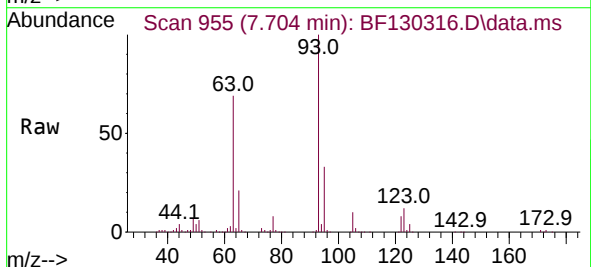
RT: 7.704 min Scan# 955

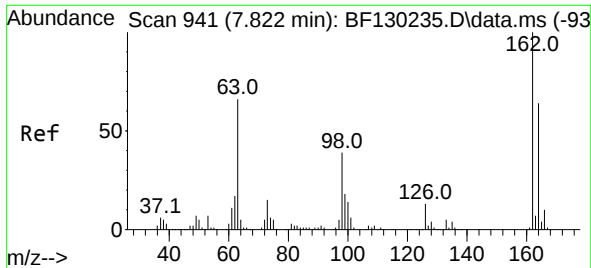
Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

Tgt Ion: 93 Resp: 363512
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 12.0 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 41.879 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB147728BS

Tgt Ion:162	Resp: 26355
Ion Ratio	Lower Upper
162 100	
164 63.0	42.2 82.2
98 39.5	21.7 61.7

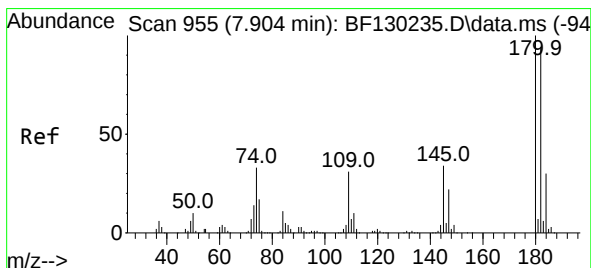
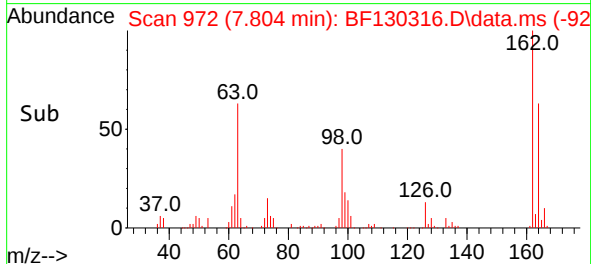
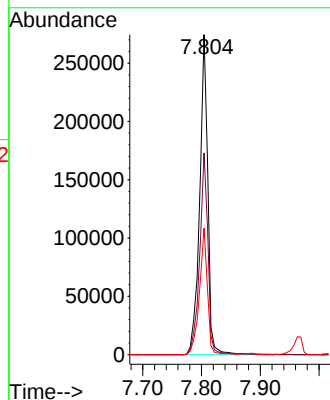
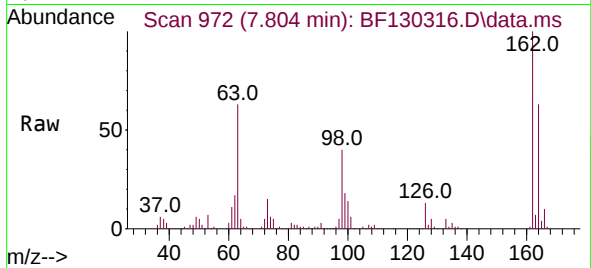
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022

Supervised By :Jagrut
Upadhyay
09/20/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.935 ng

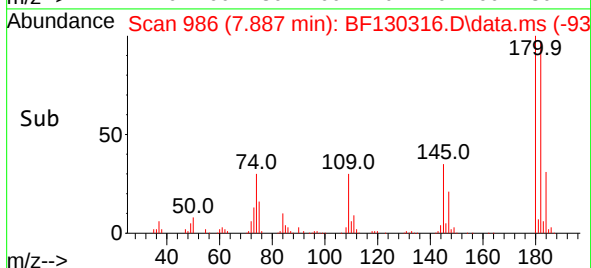
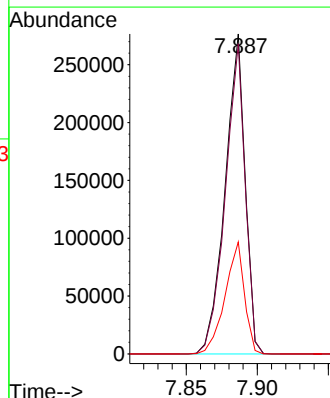
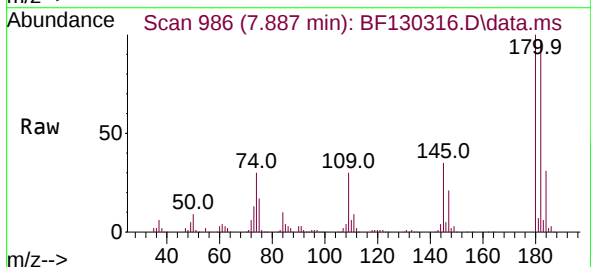
RT: 7.887 min Scan# 986

Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

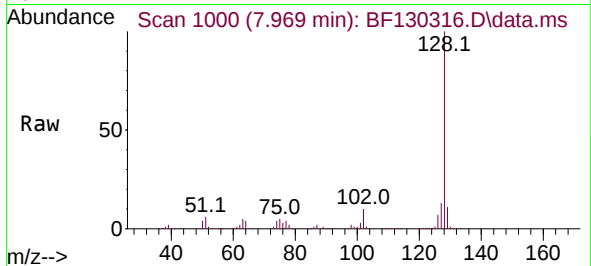
Tgt Ion:180	Resp: 271721
Ion Ratio	Lower Upper
180 100	
182 96.9	73.3 109.9
145 35.0	28.3 42.5





#31
Naphthalene
Concen: 39.374 ng
RT: 7.969 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

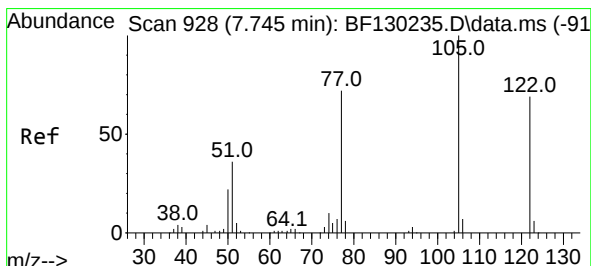
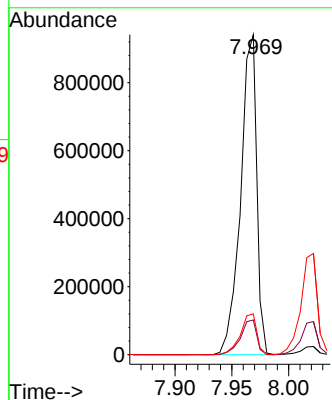
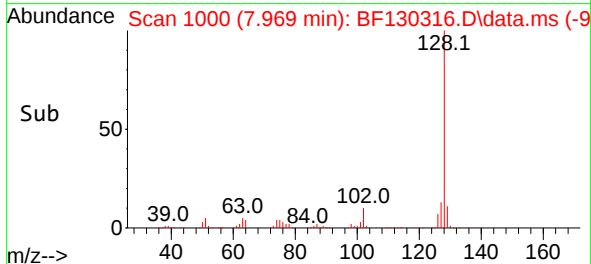


Tgt Ion:128 Resp: 928607
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 12.7 10.6 16.0

Manual Integrations
APPROVED

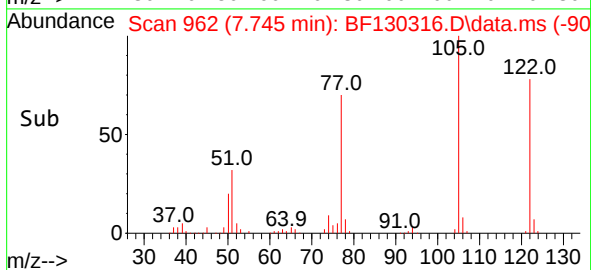
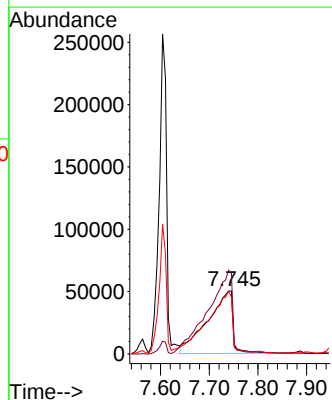
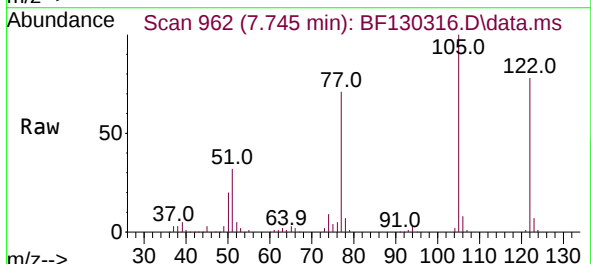
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

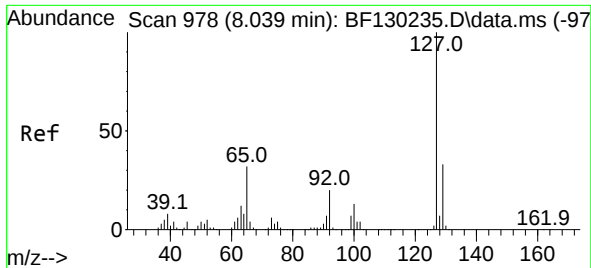
Supervised By :Jagrut
Upadhyay
09/20/2022



#32
Benzoic acid
Concen: 40.656 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.012 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Tgt Ion:122 Resp: 180557
Ion Ratio Lower Upper
122 100
105 128.1 112.9 152.9
77 90.4 82.8 122.8





#33
4-Chloroaniline
Concen: 34.295 ng
RT: 8.022 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :

BNA_F

ClientSampleId :

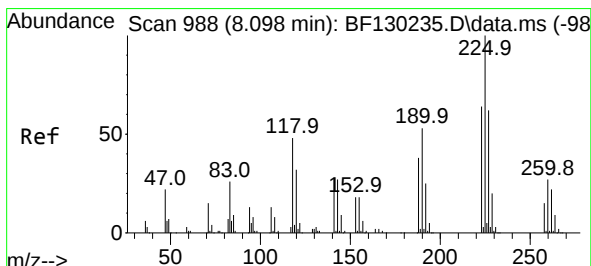
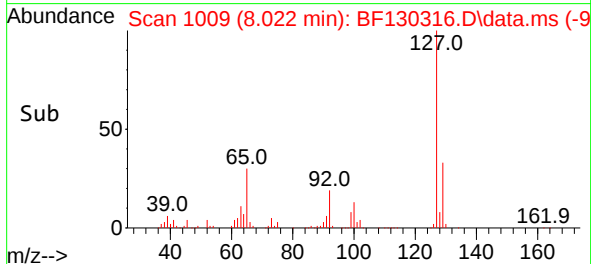
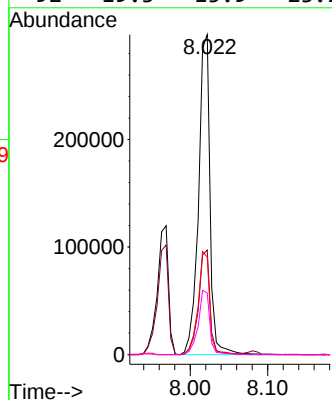
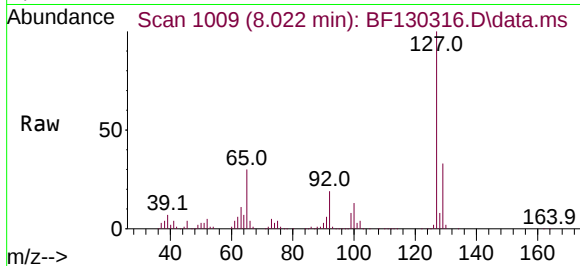
PB147728BS

Tgt Ion:127 Resp: 307622
Ion Ratio Lower Upper
127 100
129 32.7 25.6 38.4
65 30.5 27.0 40.6
92 19.3 15.9 23.9

Manual Integrations
APPROVED

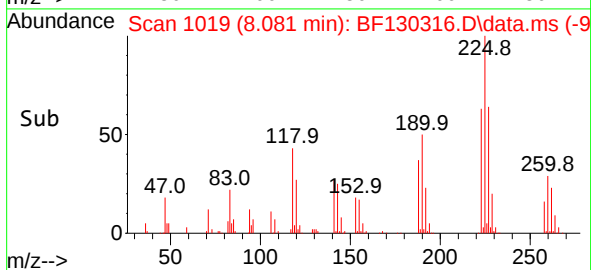
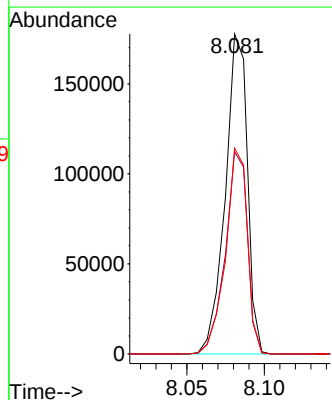
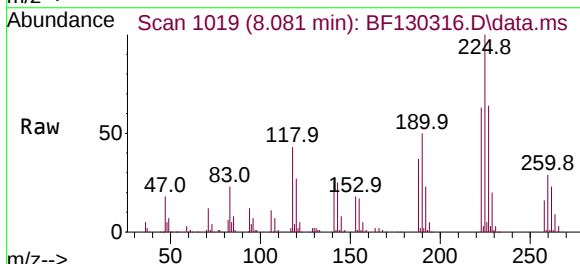
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

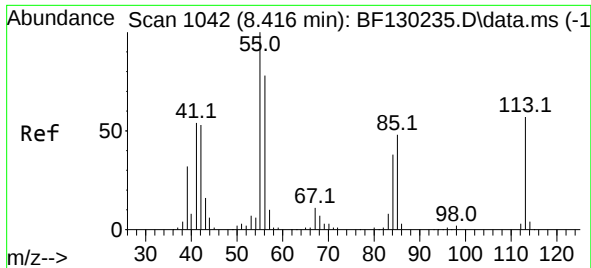
Supervised By :Jagrut
Upadhyay
09/20/2022



#34
Hexachlorobutadiene
Concen: 40.787 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

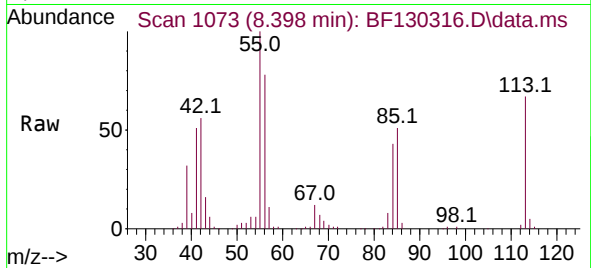
Tgt Ion:225 Resp: 177356
Ion Ratio Lower Upper
225 100
223 63.2 50.3 75.5
227 64.3 51.1 76.7





#35
Caprolactam
Concen: 43.826 ng m
RT: 8.398 min Scan# 1091
Delta R.T. -0.006 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

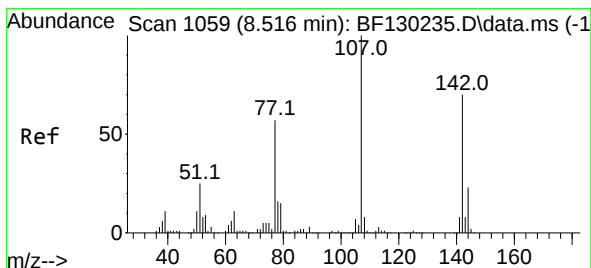
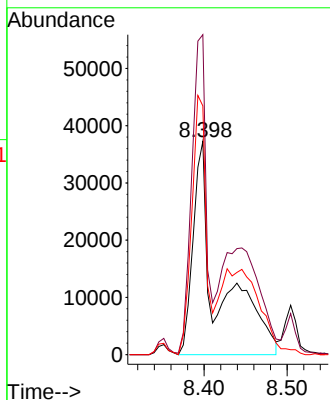
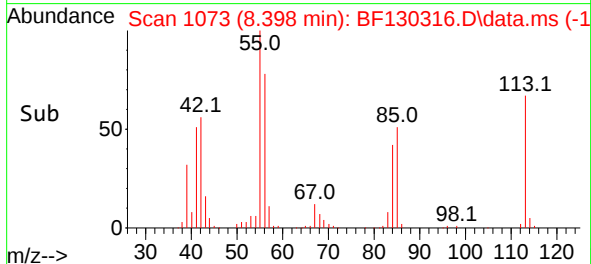


Tgt Ion:113 Resp: 79068
Ion Ratio Lower Upper
113 100
55 150.1 155.4 195.4
56 116.7 120.4 160.4

Manual Integrations
APPROVED

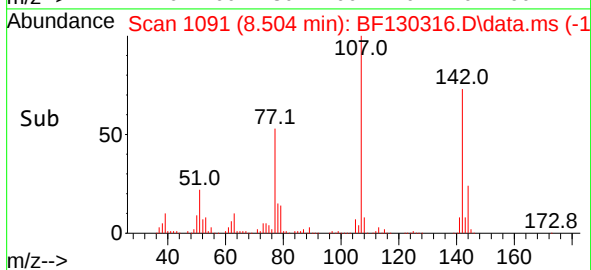
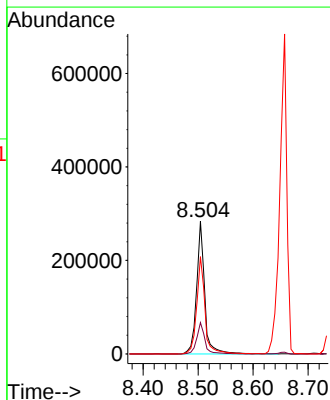
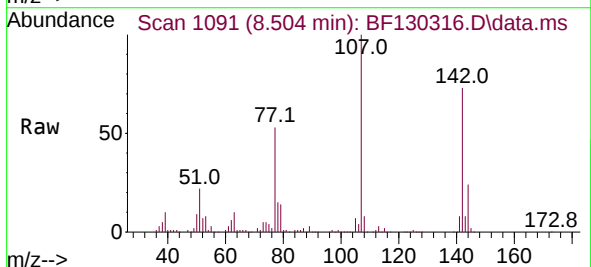
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

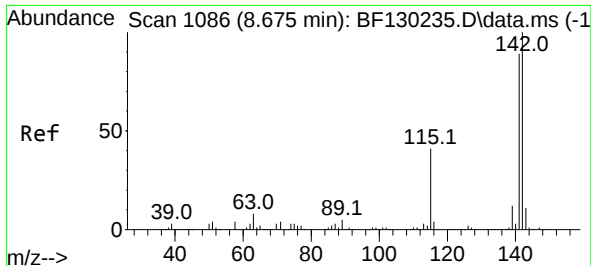
Supervised By :Jagrut
Upadhyay
09/20/2022



#36
4-Chloro-3-methylphenol
Concen: 41.383 ng
RT: 8.504 min Scan# 1091
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Tgt Ion:107 Resp: 288667
Ion Ratio Lower Upper
107 100
144 23.6 20.0 30.0
142 73.3 61.3 91.9





#37
2-Methylnaphthalene
Concen: 40.367 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

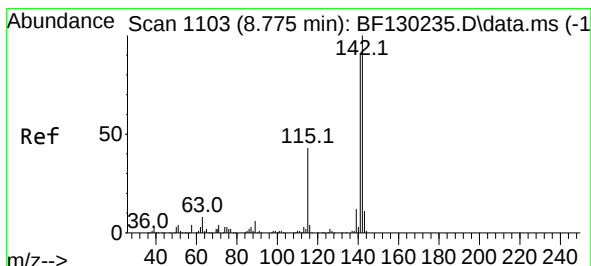
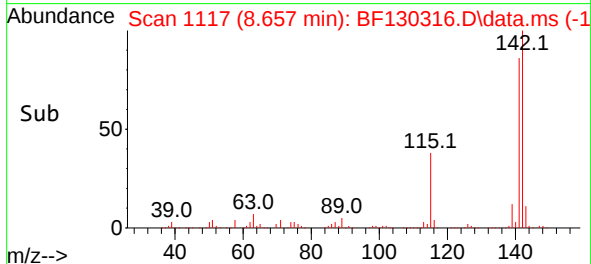
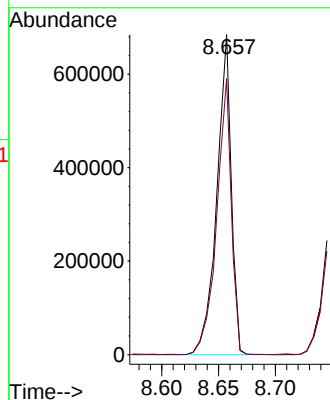
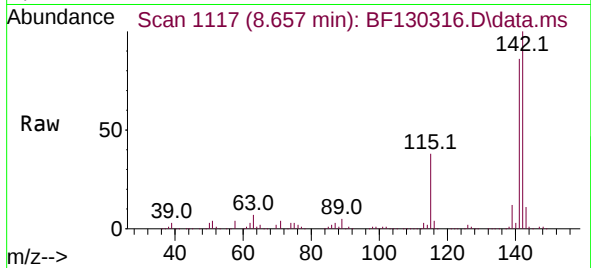
Instrument :
BNA_F
ClientSampleId :
PB147728BS

Tgt Ion:142 Resp: 606998
Ion Ratio Lower Upper
142 100
141 86.2 70.0 105.0

Manual Integrations
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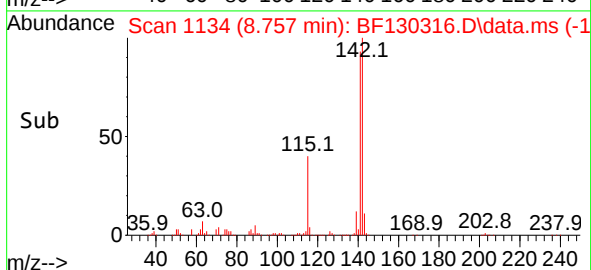
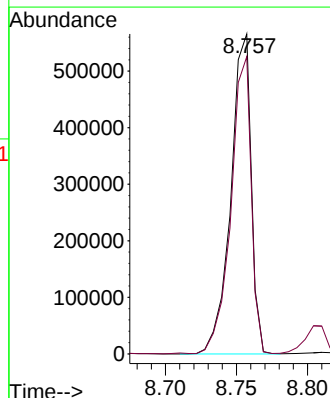
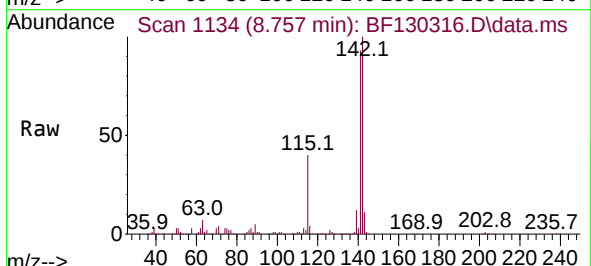
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

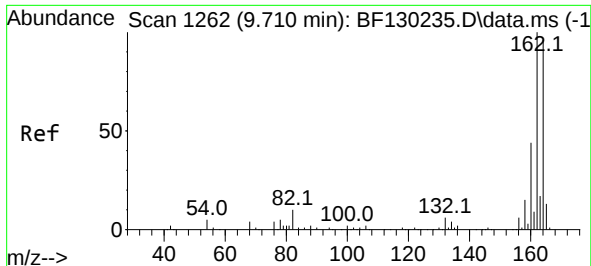
Supervised By :Jagrut
Upadhyay
09/20/2022



#38
1-Methylnaphthalene
Concen: 39.021 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

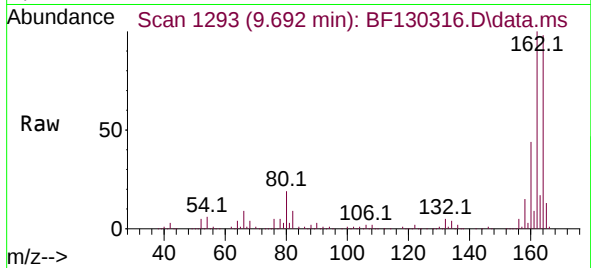
Tgt Ion:142 Resp: 563676
Ion Ratio Lower Upper
142 100
141 92.9 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.692 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

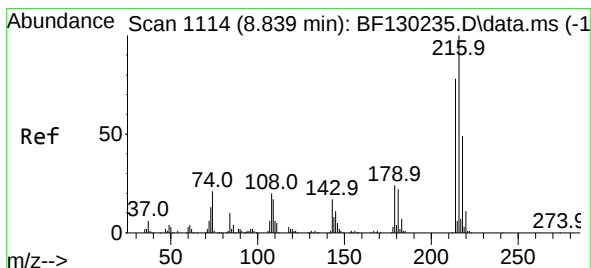
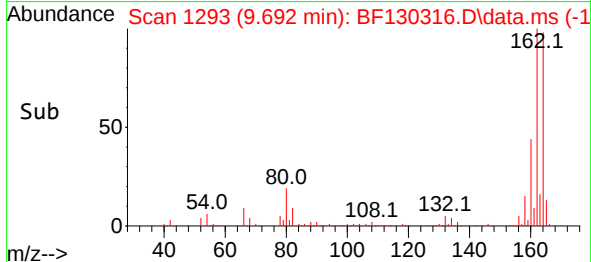
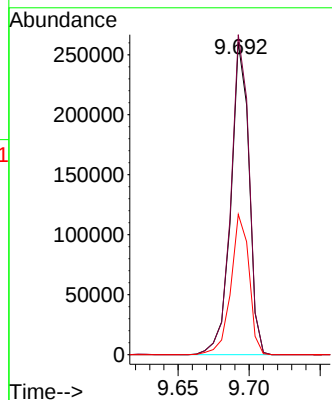


Tgt Ion:164 Resp: 230992
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 44.9 36.2 54.4

Manual Integrations
APPROVED

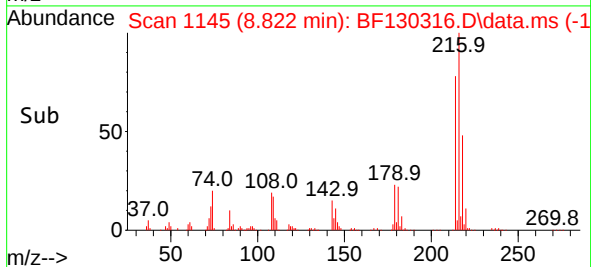
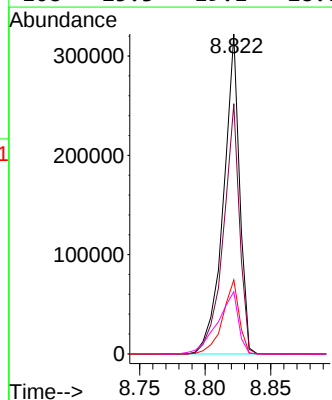
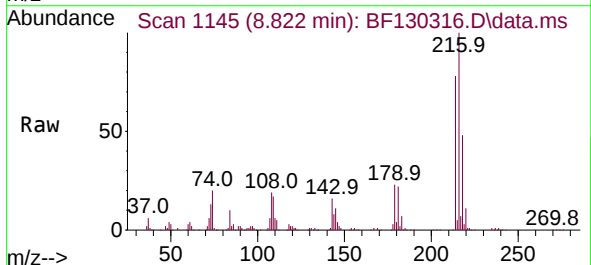
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

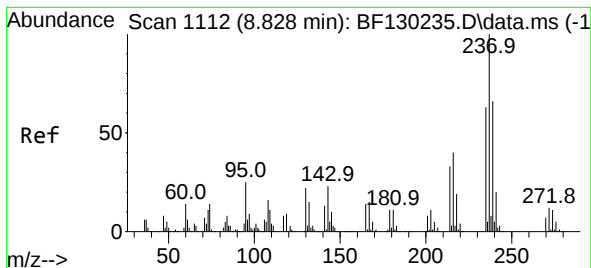
Supervised By :Jagrut
Upadhyay
09/20/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.781 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Tgt Ion:216 Resp: 275988
Ion Ratio Lower Upper
216 100
214 78.1 62.8 94.2
179 23.5 19.5 29.3
108 25.3 19.1 28.7





#41

Hexachlorocyclopentadiene

Concen: 111.504 ng

RT: 8.810 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB147728BS

Tgt Ion:237 Resp: 376332

Ion Ratio Lower Upper

237 100

235 63.0 42.5 82.5

272 13.3 0.0 32.8

Manual Integrations

APPROVED

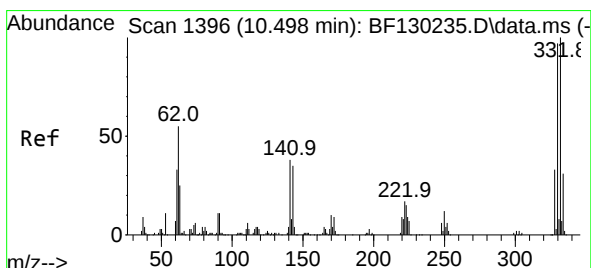
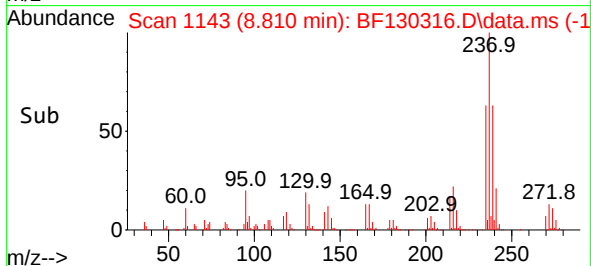
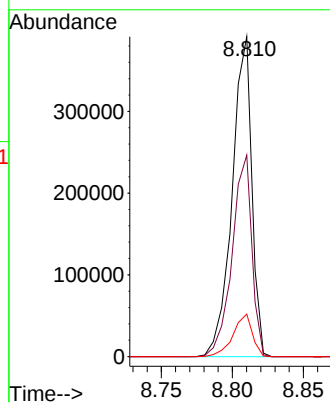
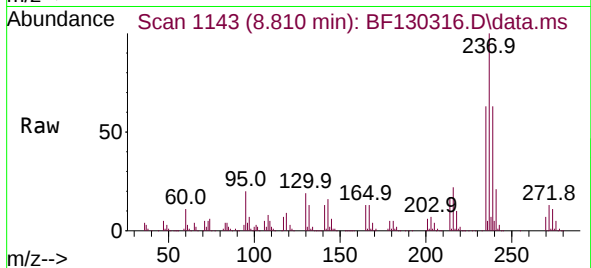
Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022

Supervised By :Jagrut

Upadhyay

09/20/2022



#42

2,4,6-Tribromophenol

Concen: 89.520 ng

RT: 10.481 min Scan# 1427

Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

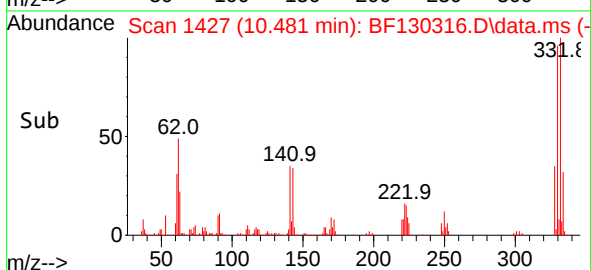
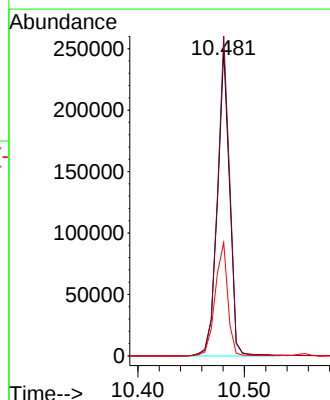
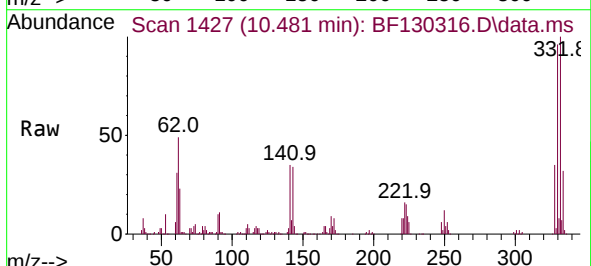
Tgt Ion:330 Resp: 198139

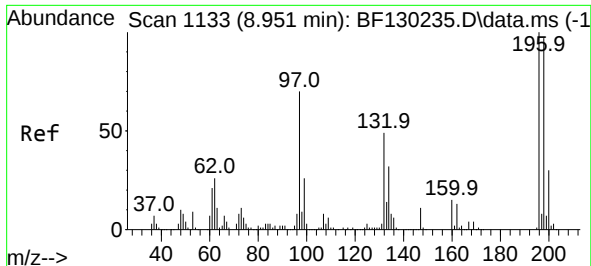
Ion Ratio Lower Upper

330 100

332 104.6 83.4 125.2

141 38.4 34.0 51.0





#43

2,4,6-Trichlorophenol

Concen: 42.636 ng

RT: 8.934 min Scan# 1116

Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB147728BS

Tgt Ion:196 Resp: 187586

Ion Ratio Lower Upper

196 100

198 94.1 72.4 108.6

200 30.1 23.8 35.6

Manual Integrations

APPROVED

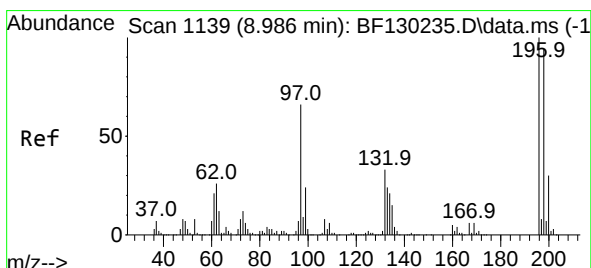
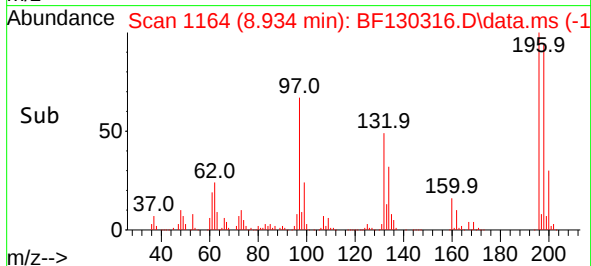
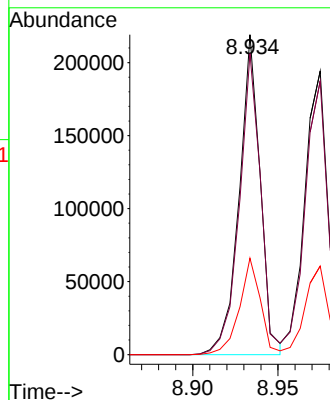
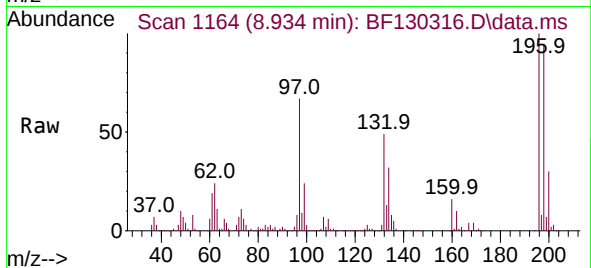
Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022

Supervised By :Jagrut

Upadhyay

09/20/2022



#44

2,4,5-Trichlorophenol

Concen: 40.472 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

Tgt Ion:196 Resp: 192145

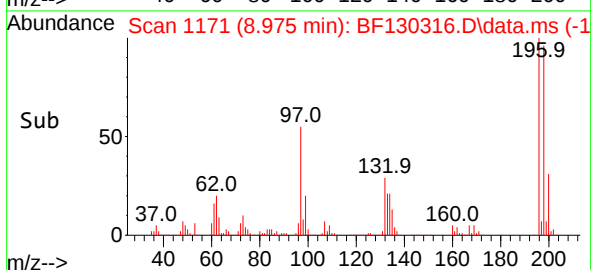
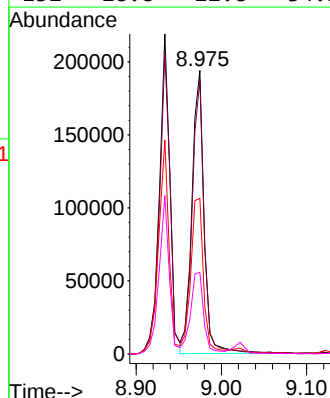
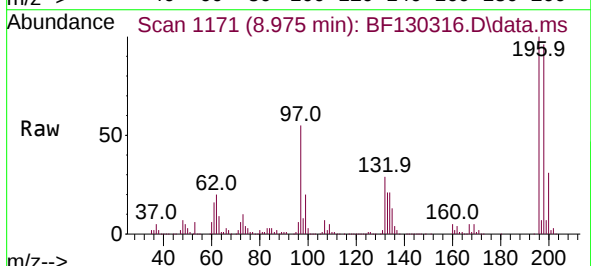
Ion Ratio Lower Upper

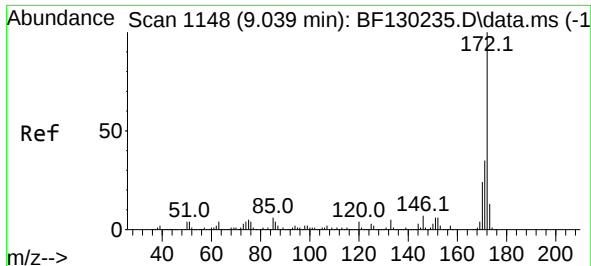
196 100

198 96.5 74.8 112.2

97 54.8 43.7 65.5

132 28.8 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 79.144 ng

RT: 9.022 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB147728BS

Tgt Ion:172 Resp: 1255435

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.2 18.7 28.1

Manual Integrations

APPROVED

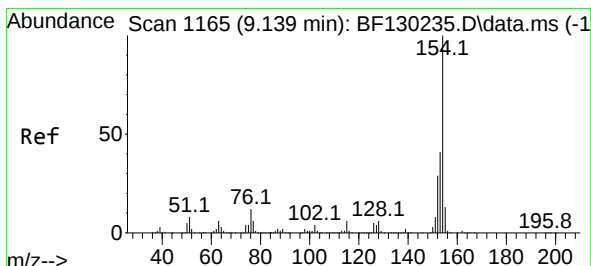
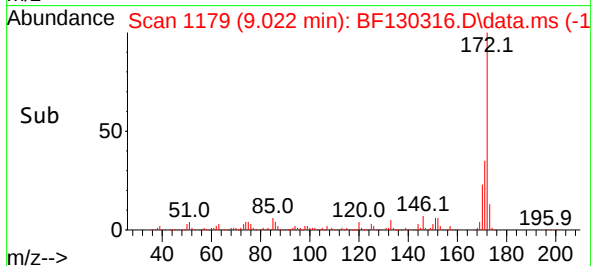
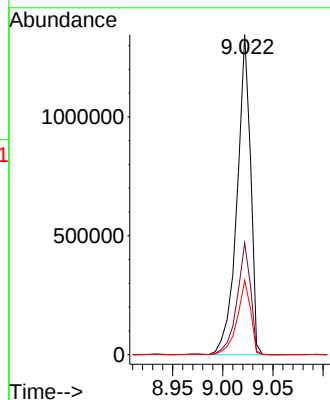
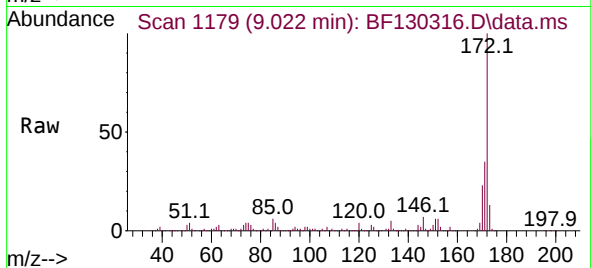
Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022

Supervised By :Jagrut

Upadhyay

09/20/2022



#46

1,1'-Biphenyl

Concen: 42.186 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

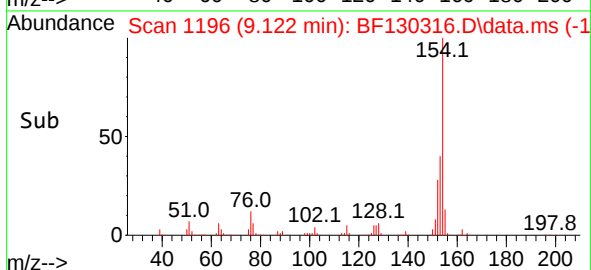
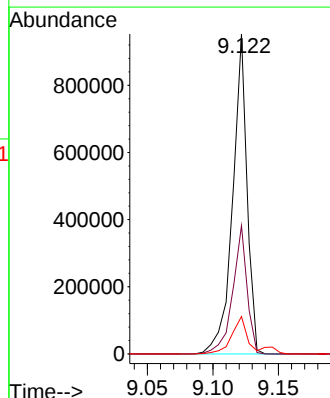
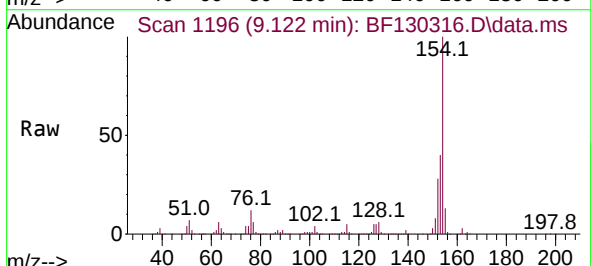
Tgt Ion:154 Resp: 727777

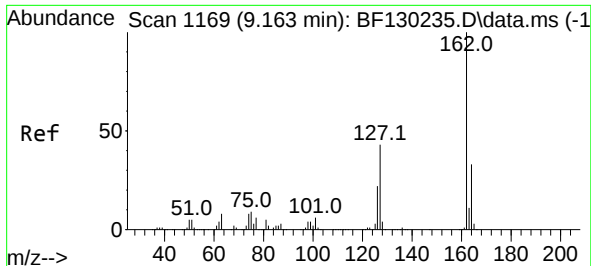
Ion Ratio Lower Upper

154 100

153 40.1 20.0 60.0

76 11.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 40.300 ng

RT: 9.145 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130316.D

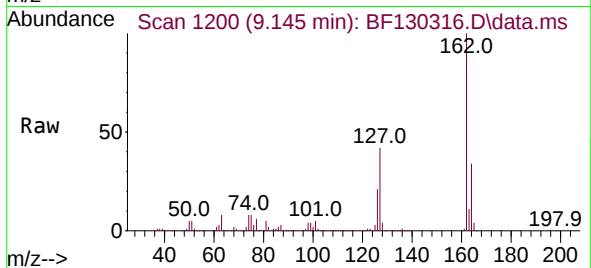
Acq: 19 Sep 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB147728BS



Tgt Ion:162 Resp: 562398

Ion Ratio Lower Upper

162 100

127 42.4 35.9 53.9

164 33.7 26.2 39.2

Manual Integrations

APPROVED

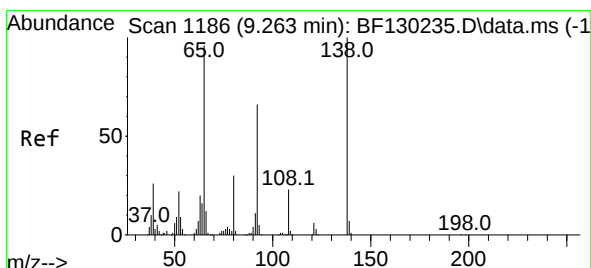
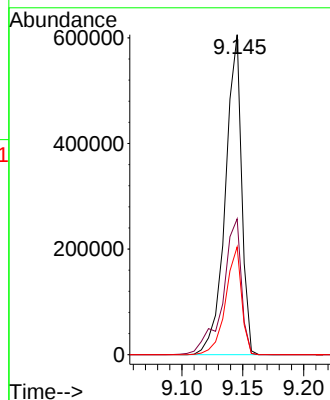
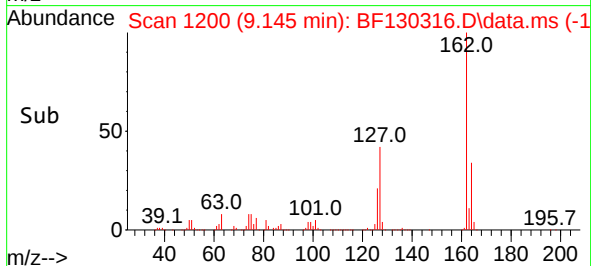
Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022

Supervised By :Jagrut

Upadhyay

09/20/2022



#48

2-Nitroaniline

Concen: 38.384 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

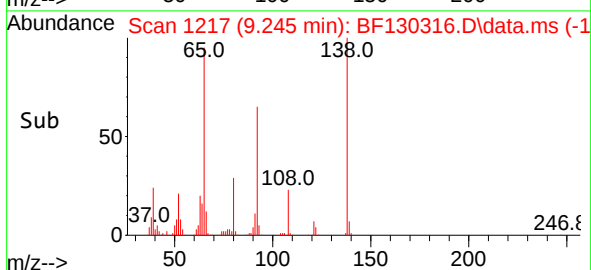
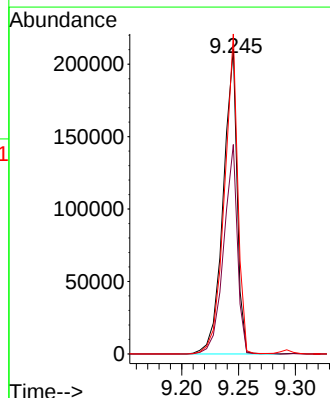
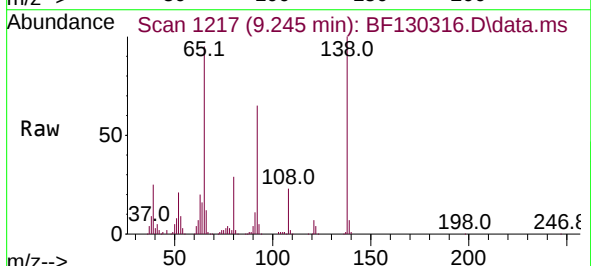
Tgt Ion: 65 Resp: 178659

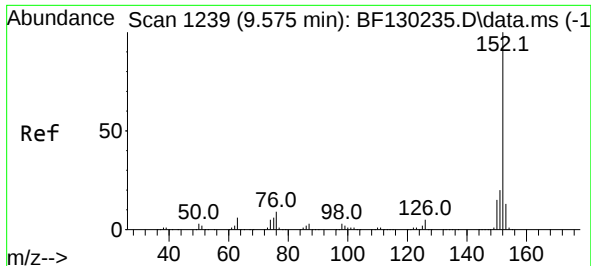
Ion Ratio Lower Upper

65 100

92 68.7 52.2 78.4

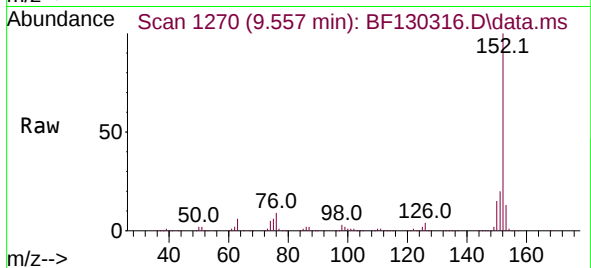
138 104.9 77.0 115.4





#49
Acenaphthylene
Concen: 40.560 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

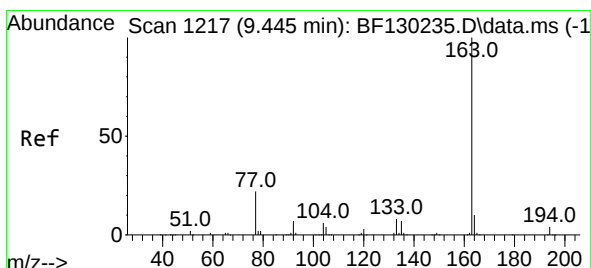
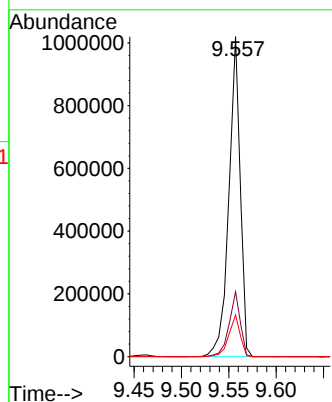
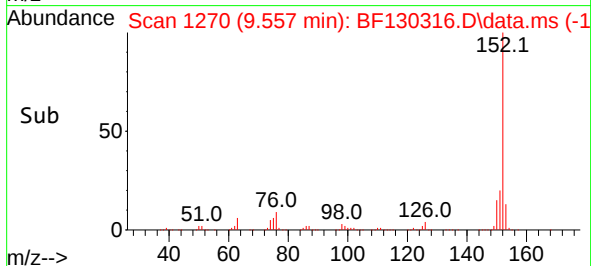


Tgt Ion:152 Resp: 848680
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.0 10.6 15.8

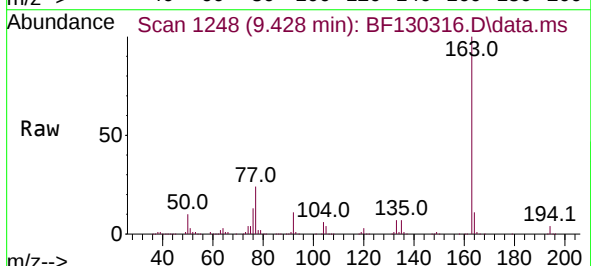
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

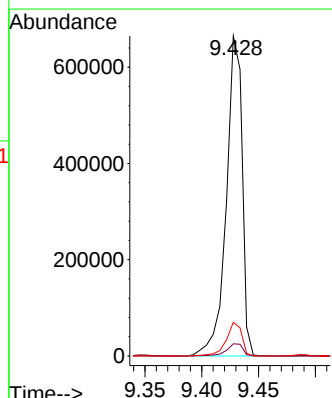
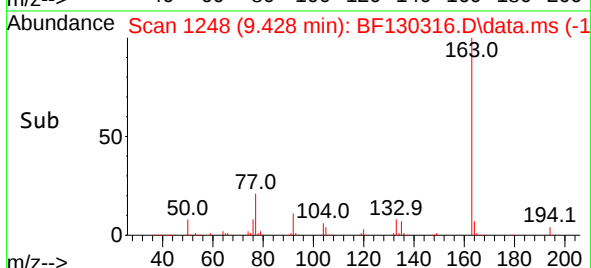
Supervised By :Jagrut
Upadhyay
09/20/2022

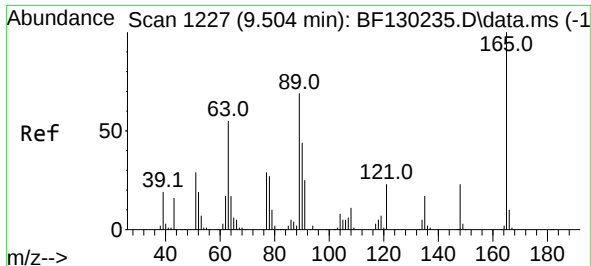


#50
Dimethylphthalate
Concen: 40.470 ng
RT: 9.428 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18



Tgt Ion:163 Resp: 645745
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.5 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 42.180 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB147728BS

Tgt Ion:	165	Resp:	140756
Ion Ratio	Lower	Upper	
165	100		
63	68.7	58.8	88.2
89	67.8	54.5	81.7

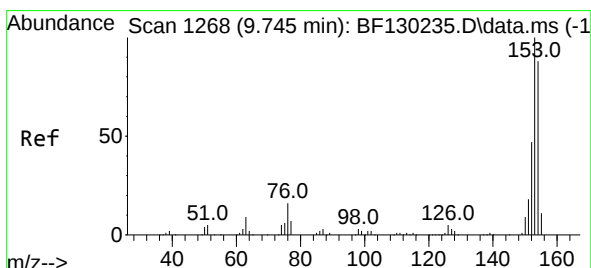
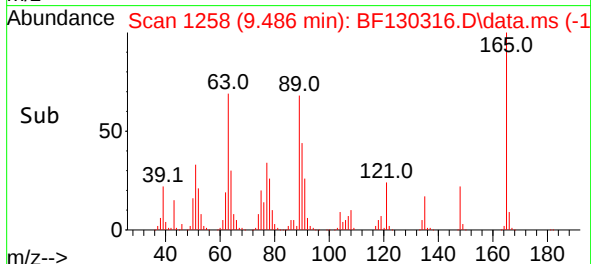
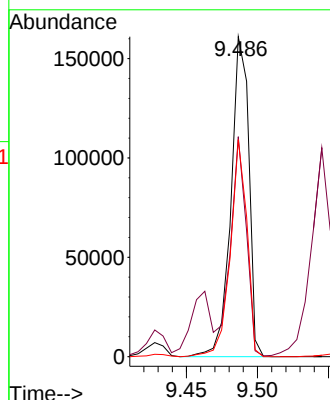
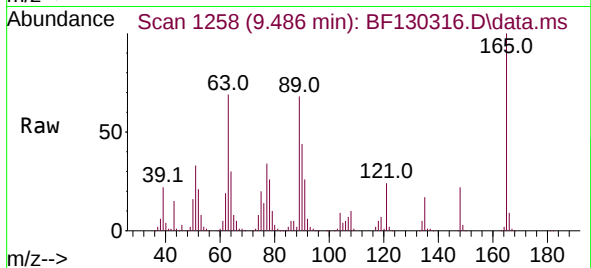
Manual Integrations

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Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022

Supervised By :Jagrut
Upadhyay
09/20/2022



#52

Acenaphthene

Concen: 44.201 ng m

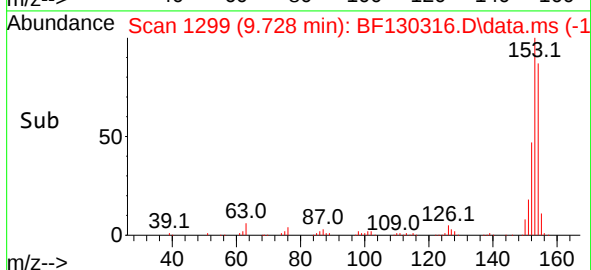
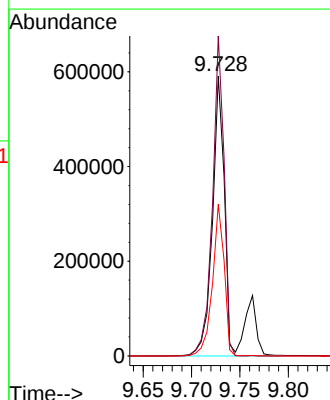
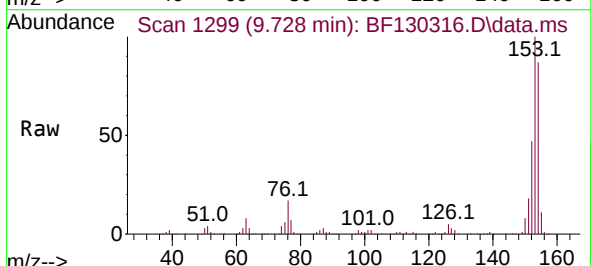
RT: 9.728 min Scan# 1299

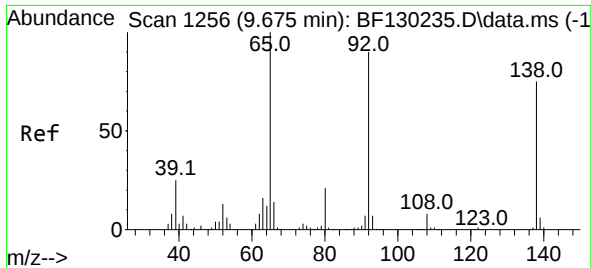
Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

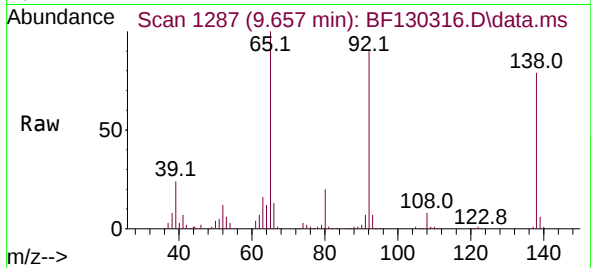
Tgt Ion:	154	Resp:	607668
Ion Ratio	Lower	Upper	
154	100		
153	114.4	90.6	136.0
152	54.2	43.8	65.6





#53
3-Nitroaniline
Concen: 31.890 ng
RT: 9.657 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

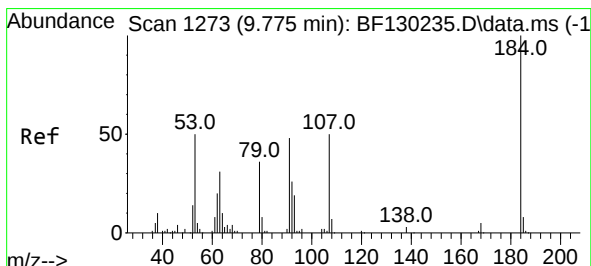
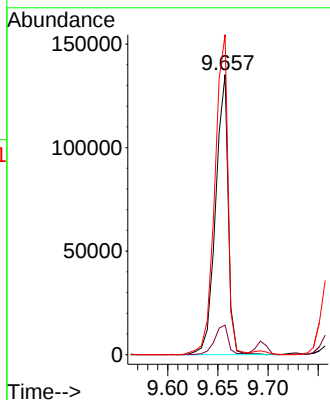
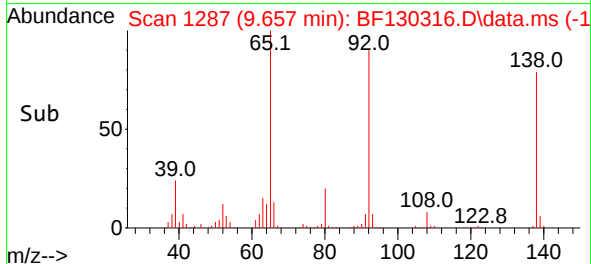


Tgt Ion:138 Resp: 118579
Ion Ratio Lower Upper
138 100
108 10.6 9.2 13.8
92 114.2 99.2 148.8

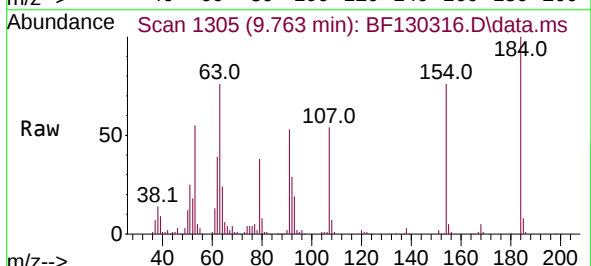
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

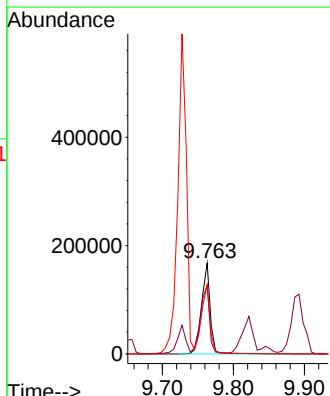
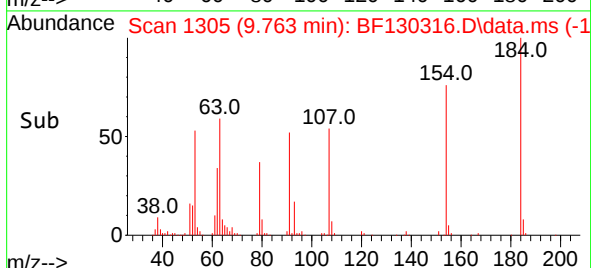
Supervised By :Jagrut
Upadhyay
09/20/2022

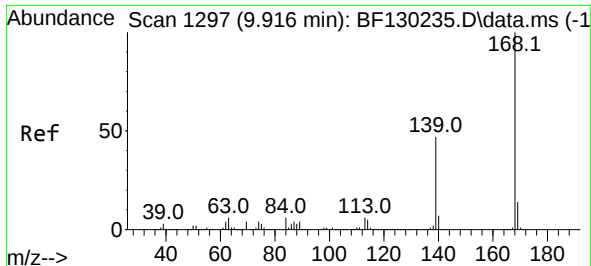


#54
2,4-Dinitrophenol
Concen: 77.767 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18



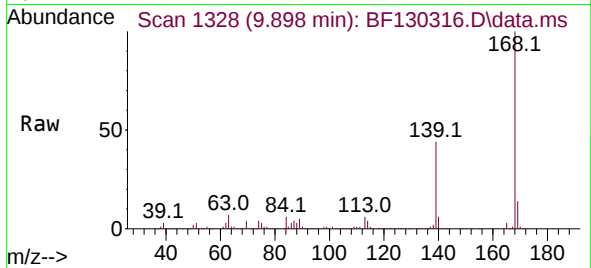
Tgt Ion:184 Resp: 140431
Ion Ratio Lower Upper
184 100
63 75.8 70.0 105.0
154 76.2 63.0 94.6





#55
Dibenzofuran
Concen: 39.850 ng
RT: 9.898 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

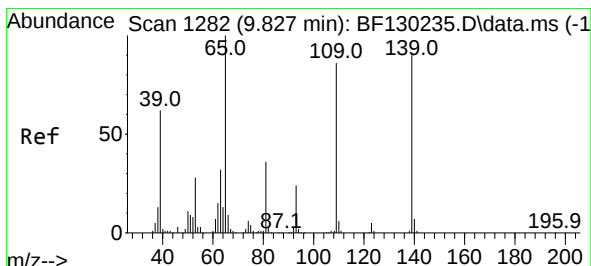
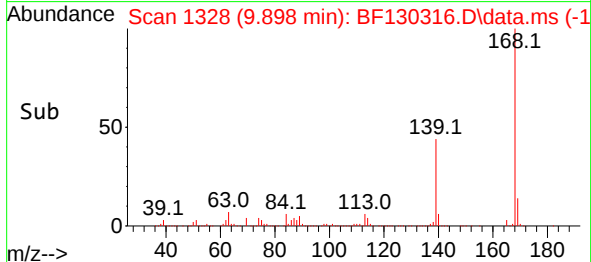
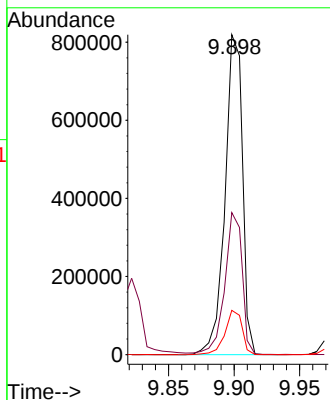


Tgt Ion:168 Resp: 762020
Ion Ratio Lower Upper
168 100
139 44.4 35.0 52.4
169 13.8 10.9 16.3

Manual Integrations
APPROVED

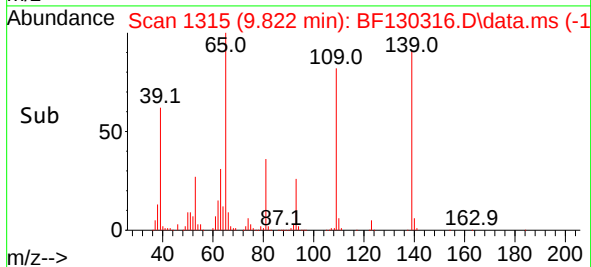
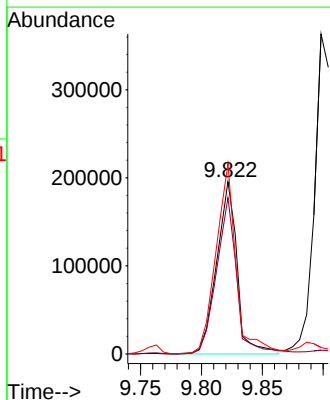
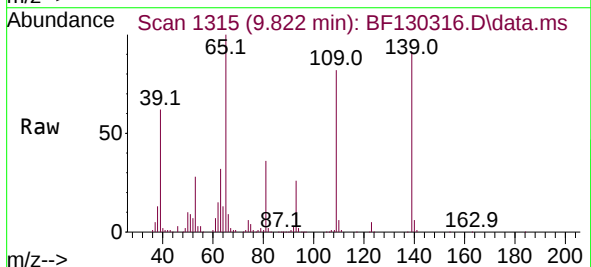
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

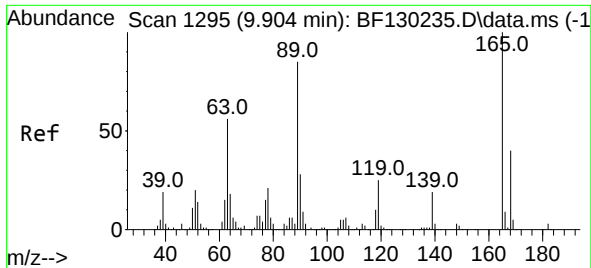
Supervised By :Jagrut
Upadhyay
09/20/2022



#56
4-Nitrophenol
Concen: 84.002 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Tgt Ion:139 Resp: 227501
Ion Ratio Lower Upper
139 100
109 90.7 72.2 112.2
65 110.5 97.7 137.7





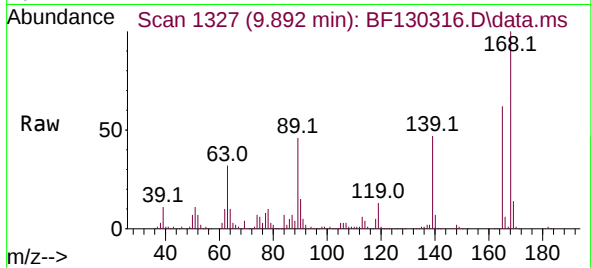
#57
2,4-Dinitrotoluene
Concen: 43.478 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB147728BS

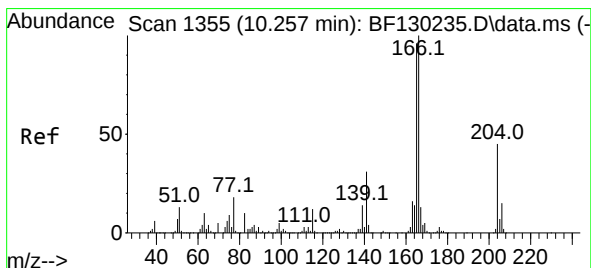
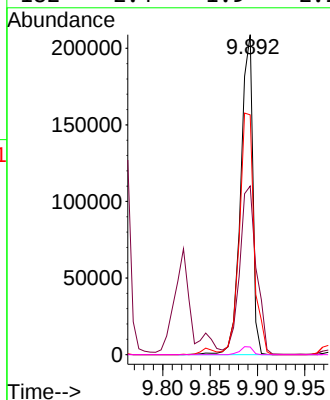
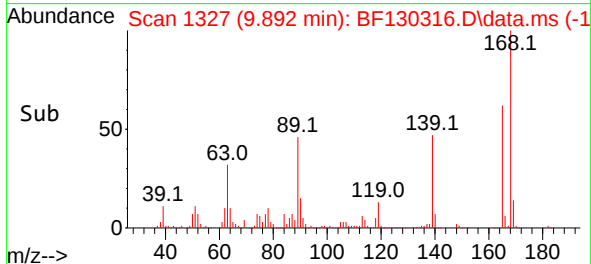


Tgt Ion:165 Resp: 185424
Ion Ratio Lower Upper
165 100
63 52.7 44.7 67.1
89 74.9 69.0 103.4
182 2.4 1.9 2.9

Manual Integrations
APPROVED

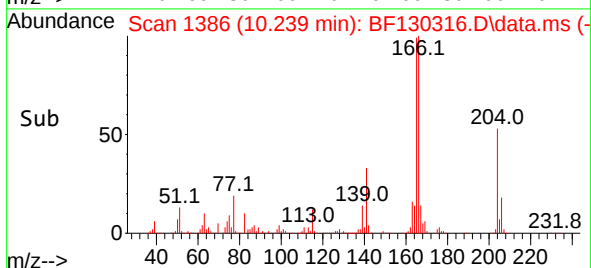
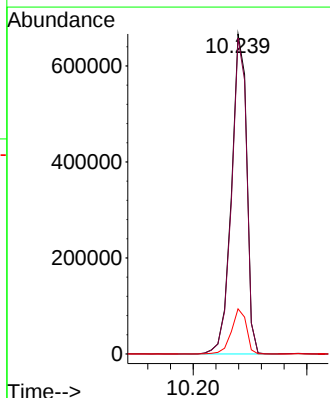
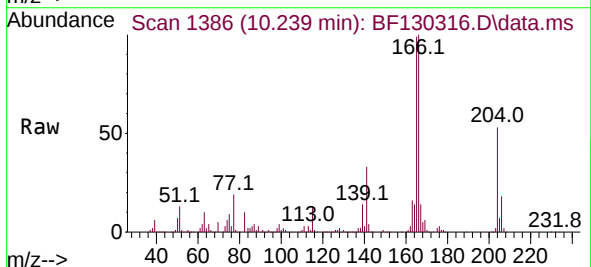
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

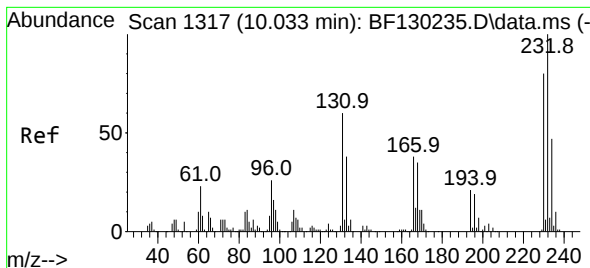
Supervised By :Jagrut
Upadhyay
09/20/2022



#58
Fluorene
Concen: 39.849 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Tgt Ion:166 Resp: 623181
Ion Ratio Lower Upper
166 100
165 98.7 78.8 118.2
167 14.1 10.6 15.8





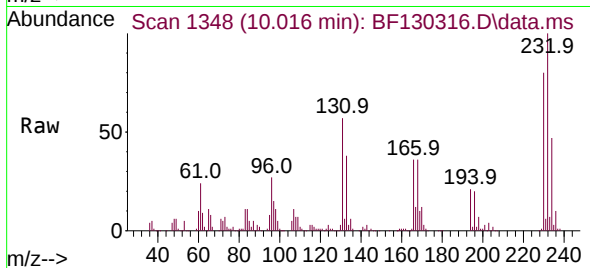
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.372 ng
RT: 10.016 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB147728BS



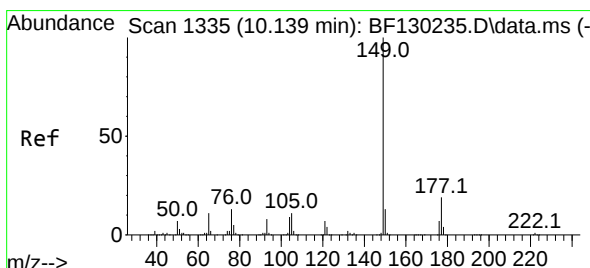
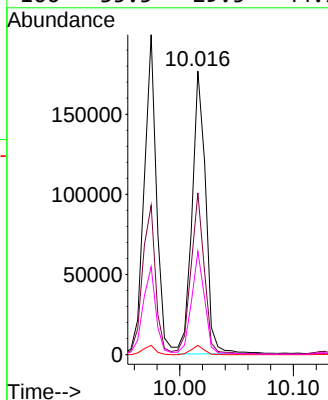
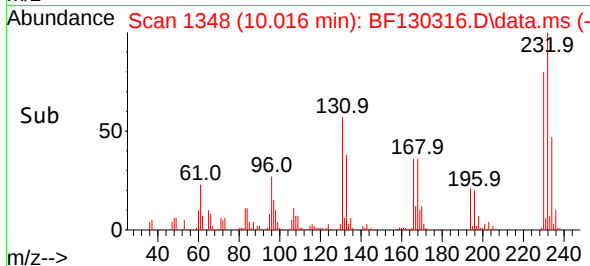
Tgt Ion:232 Resp: 146308
Ion Ratio Lower Upper
232 100
131 56.7 46.4 69.6
130 3.0 2.3 3.5
166 35.5 29.5 44.3

Manual Integrations

APPROVED

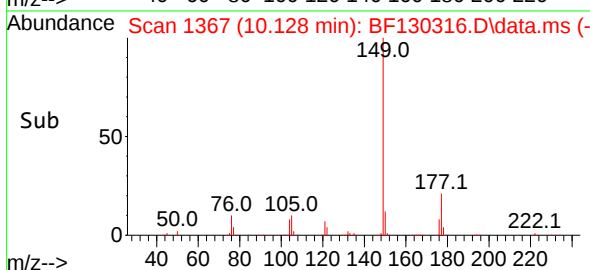
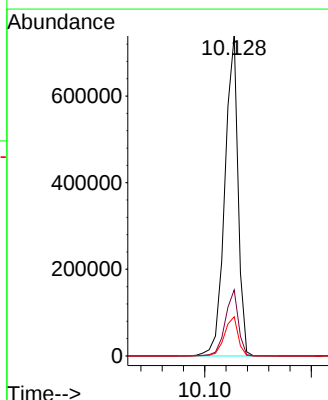
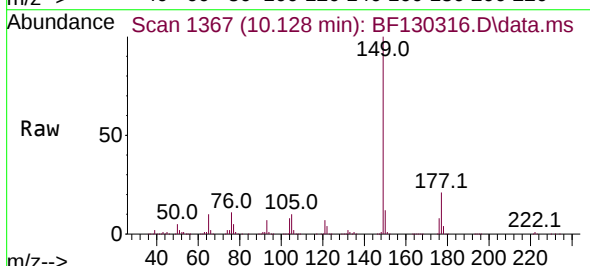
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

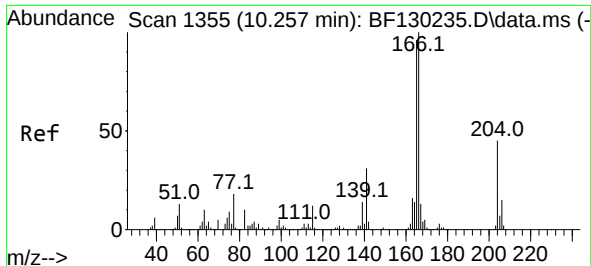
Supervised By :Jagrut
Upadhyay
09/20/2022



#60
Diethylphthalate
Concen: 39.826 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Tgt Ion:149 Resp: 637251
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.2 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.255 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :

BNA_F

ClientSampleId :

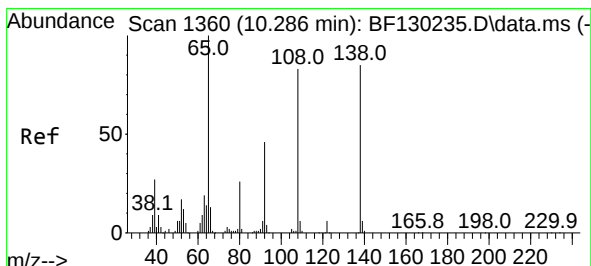
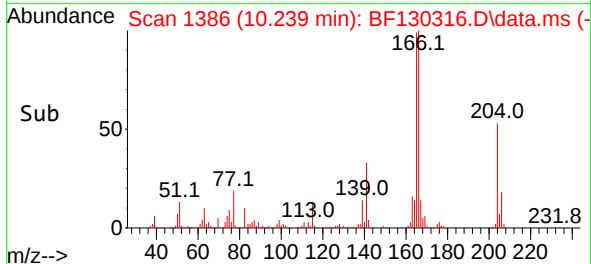
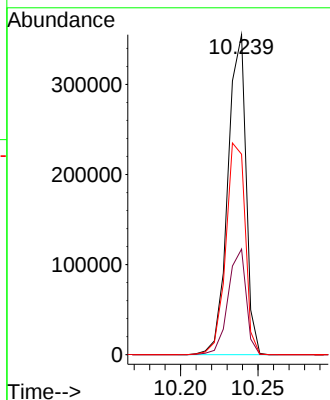
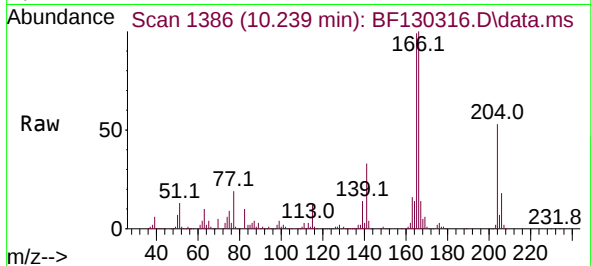
PB147728BS

Tgt Ion:204 Resp: 28988
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 62.6 57.1 85.7

Manual Integrations
APPROVED

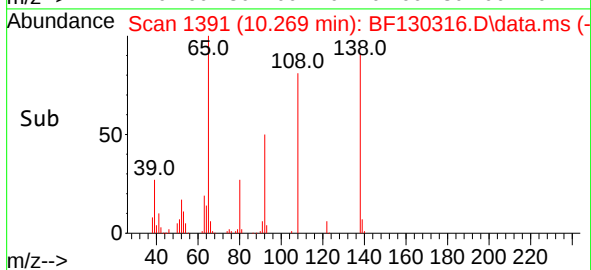
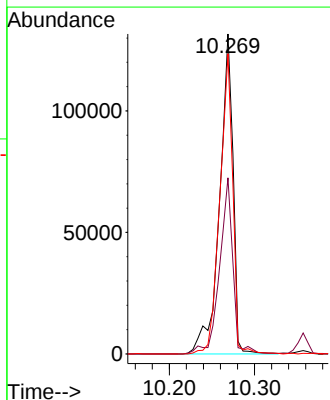
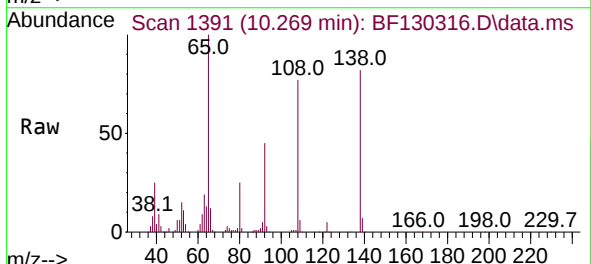
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

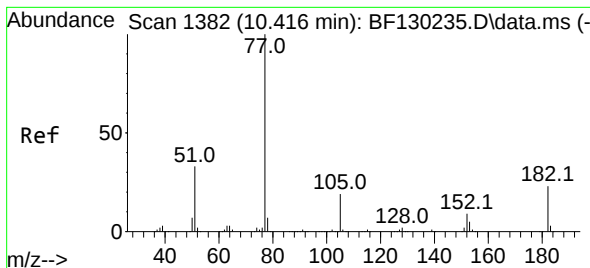
Supervised By :Jagrut
Upadhyay
09/20/2022



#62
4-Nitroaniline
Concen: 38.746 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Tgt Ion:138 Resp: 144730
Ion Ratio Lower Upper
138 100
92 55.0 36.7 76.7
108 93.8 78.2 118.2





#63

Azobenzene

Concen: 37.668 ng

RT: 10.398 min Scan# 1413

Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB147728BS

Tgt Ion: 77 Resp: 620625

Ion Ratio Lower Upper

77 100

182 24.6 2.1 42.1

105 20.5 0.0 39.4

51 31.3 13.1 53.1

Manual Integrations

APPROVED

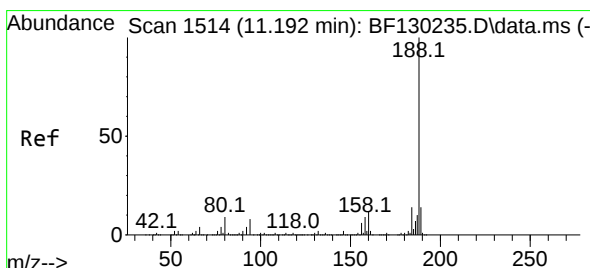
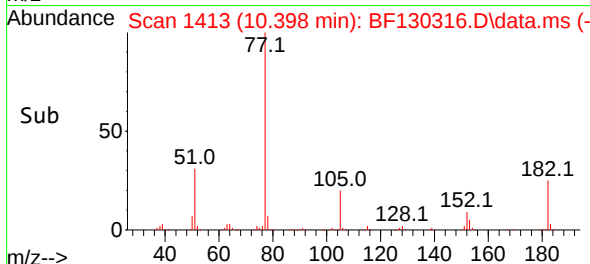
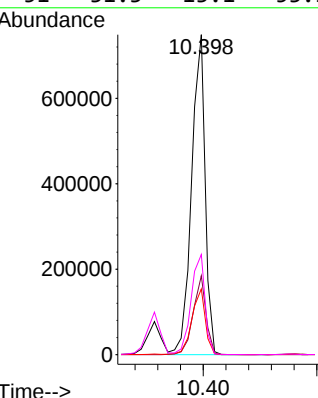
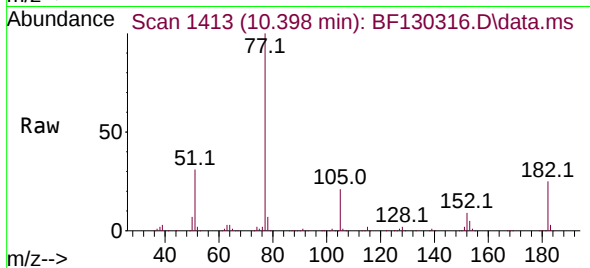
Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022

Supervised By :Jagrut

Upadhyay

09/20/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.175 min Scan# 1545

Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

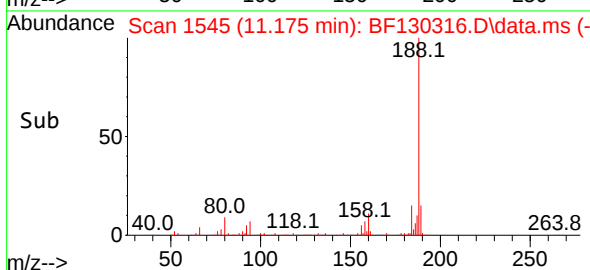
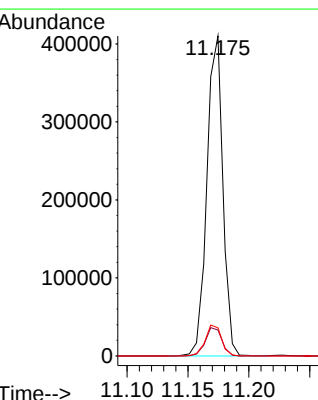
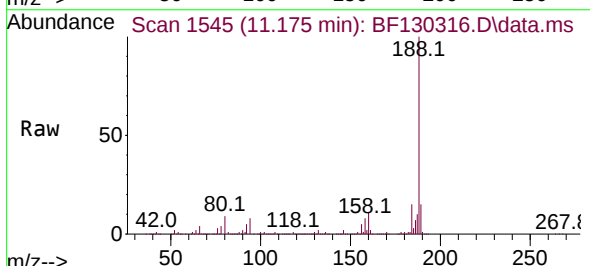
Tgt Ion:188 Resp: 373804

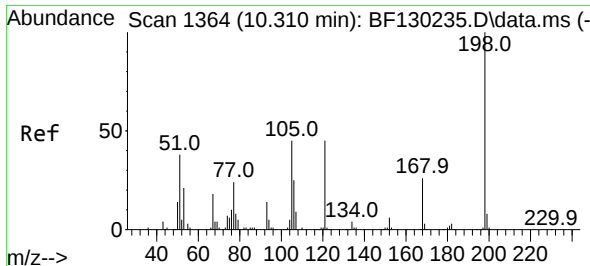
Ion Ratio Lower Upper

188 100

94 8.1 7.4 11.2

80 8.8 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 42.162 ng
RT: 10.292 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

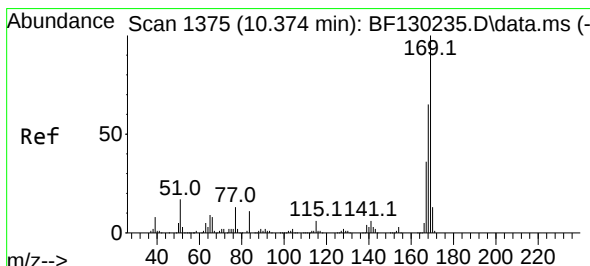
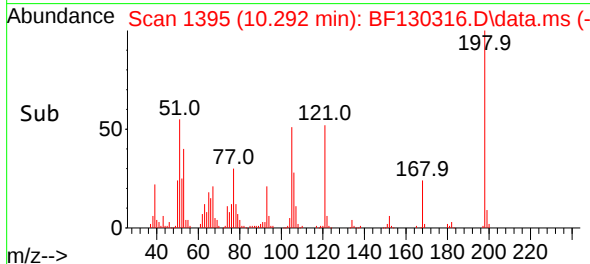
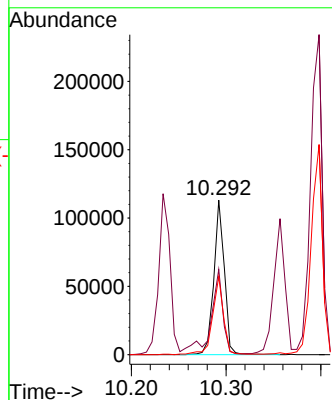
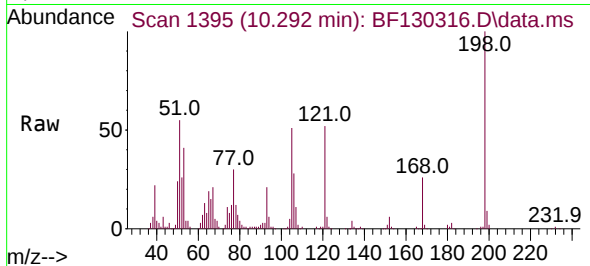
Instrument :
BNA_F
ClientSampleId :
PB147728BS

Tgt Ion:198 Resp: 87732
Ion Ratio Lower Upper
198 100
51 55.2 36.9 76.9
105 50.5 33.0 73.0

Manual Integrations
APPROVED

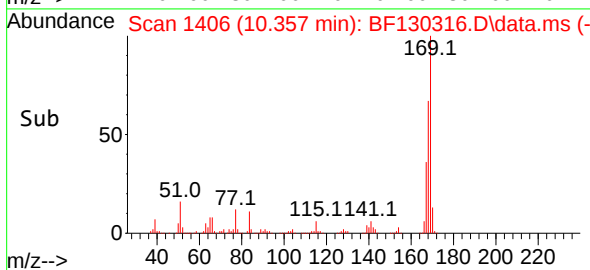
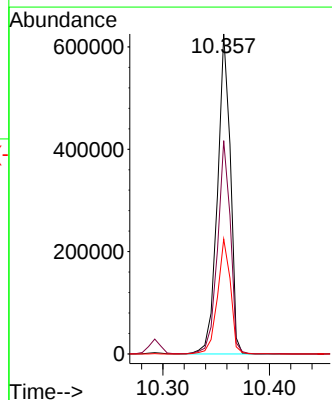
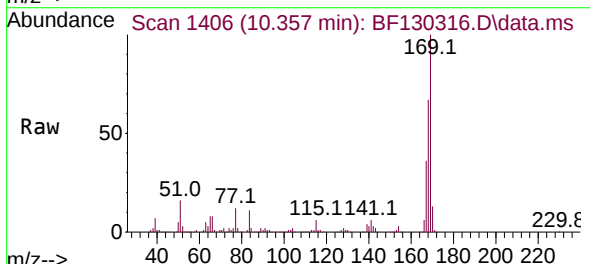
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

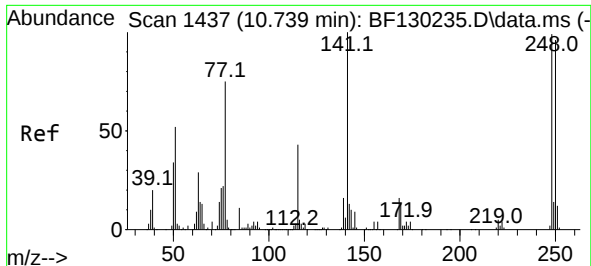
Supervised By :Jagrut
Upadhyay
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#66
n-Nitrosodiphenylamine
Concen: 41.977 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

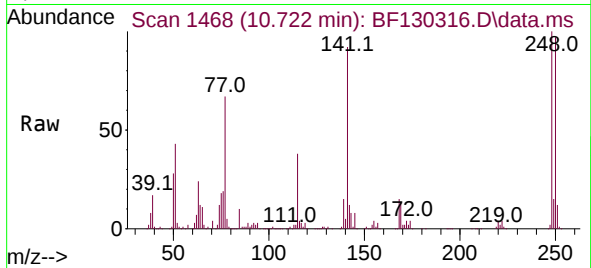
Tgt Ion:169 Resp: 524350
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 35.9 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 44.267 ng
RT: 10.722 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

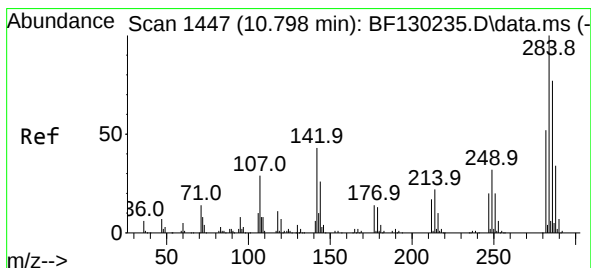
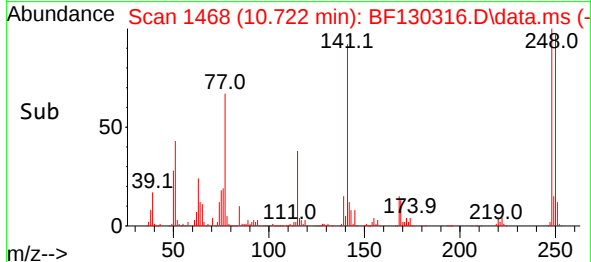
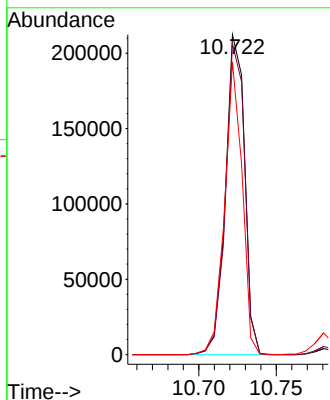


Tgt Ion:248 Resp: 182542
Ion Ratio Lower Upper
248 100
250 97.2 80.0 120.0
141 91.5 68.5 102.7

Manual Integrations
APPROVED

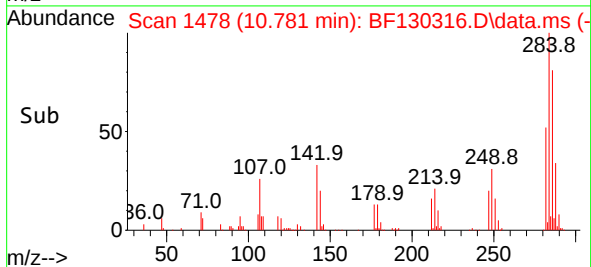
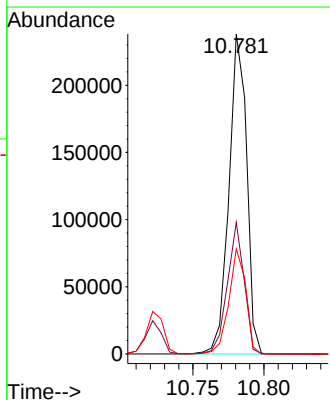
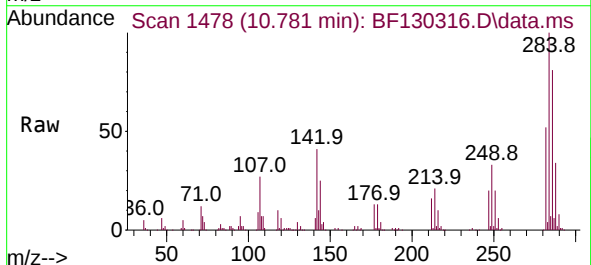
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

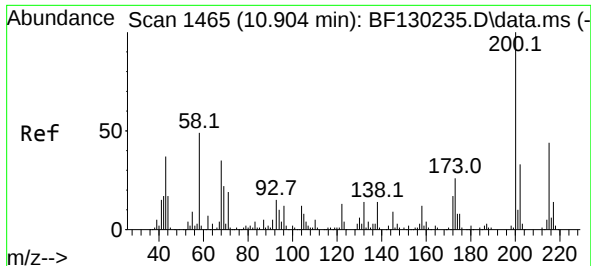
Supervised By :Jagrut
Upadhyay
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#68
Hexachlorobenzene
Concen: 44.168 ng
RT: 10.781 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

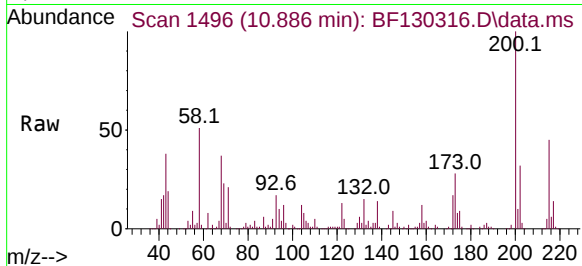
Tgt Ion:284 Resp: 206462
Ion Ratio Lower Upper
284 100
142 41.1 27.2 40.8#
249 32.8 23.8 35.8





#69
Atrazine
Concen: 46.530 ng
RT: 10.886 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

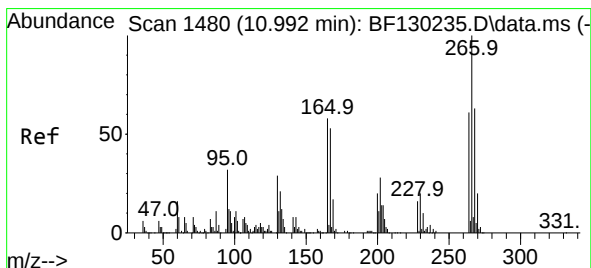
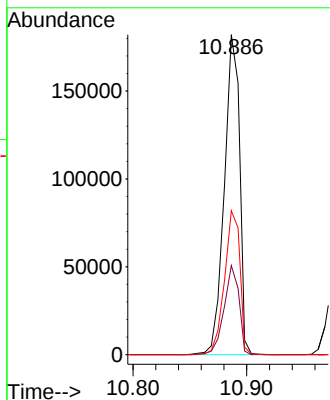


Tgt Ion:200 Resp: 169854
Ion Ratio Lower Upper
200 100
173 27.8 6.2 46.2
215 45.0 22.5 62.5

Manual Integrations
APPROVED

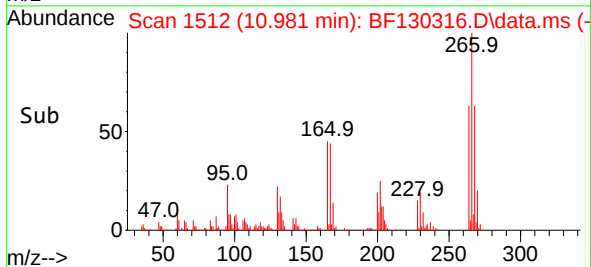
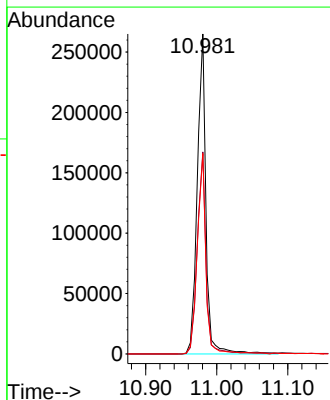
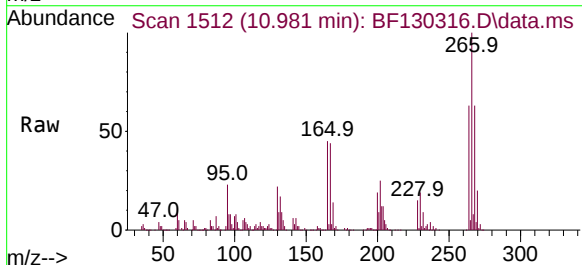
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

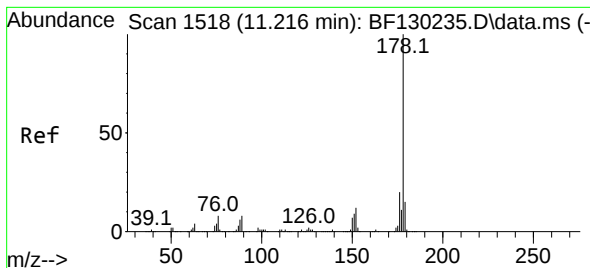
Supervised By :Jagrut
Upadhyay
09/20/2022



#70
Pentachlorophenol
Concen: 89.076 ng
RT: 10.981 min Scan# 1512
Delta R.T. 0.006 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Tgt Ion:266 Resp: 223468
Ion Ratio Lower Upper
266 100
268 63.1 50.5 75.7
264 62.7 50.5 75.7





#71

Phenanthrene

Concen: 40.569 ng

RT: 11.198 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB147728BS

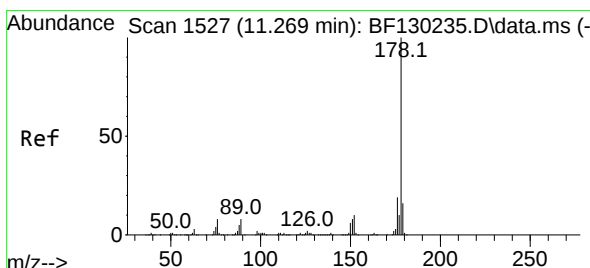
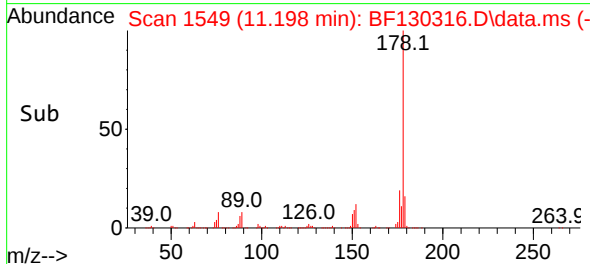
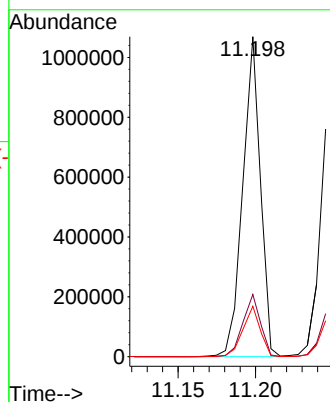
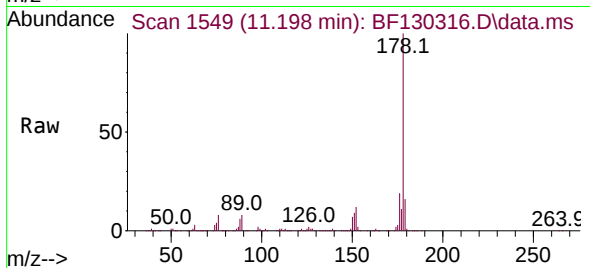
Tgt Ion:178 Resp: 851425
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 15.7 12.4 18.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/20/2022
 Supervised By :Jagrut Upadhyay 09/20/2022

Supervised By :Jagrut
 Upadhyay
 09/20/2022



#72

Anthracene

Concen: 42.283 ng

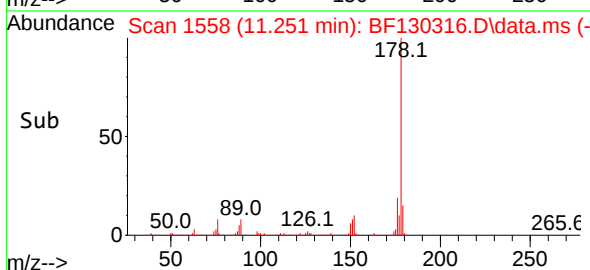
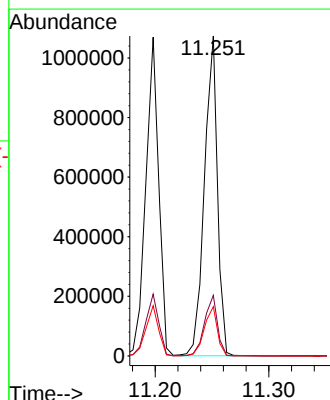
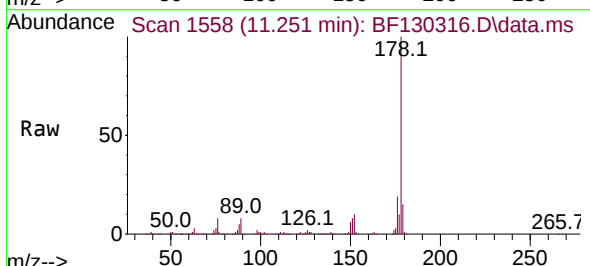
RT: 11.251 min Scan# 1558

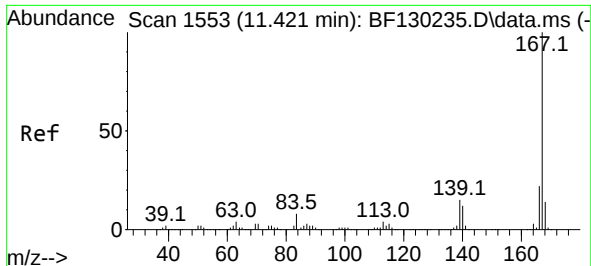
Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

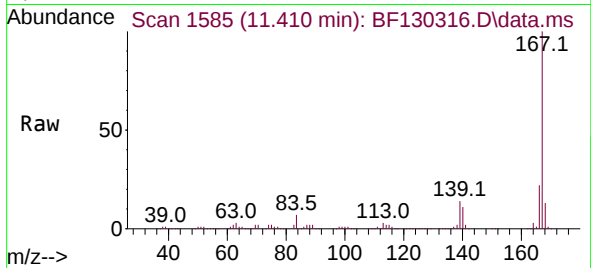
Tgt Ion:178 Resp: 856343
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.0 22.6
 179 15.4 12.7 19.1





#73
Carbazole
Concen: 42.185 ng
RT: 11.410 min Scan# 1553
Delta R.T. 0.006 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

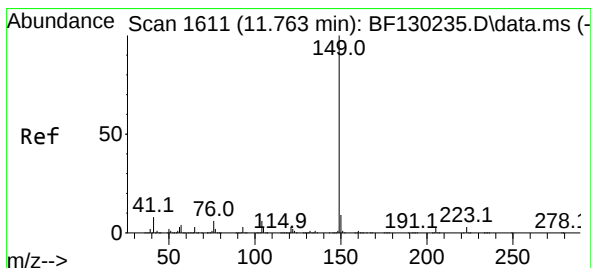
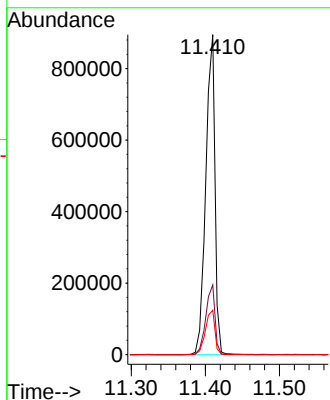
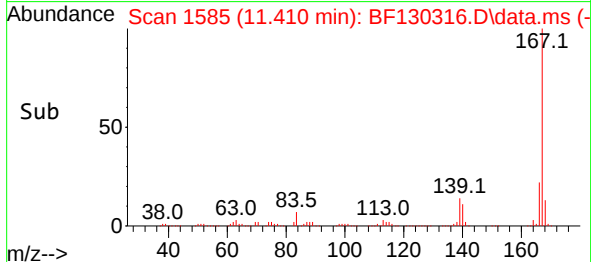


Tgt Ion:167 Resp: 771056
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 13.9 11.6 17.4

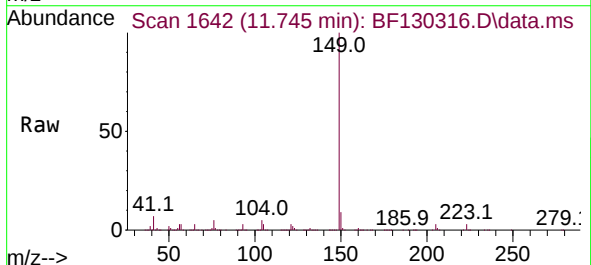
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

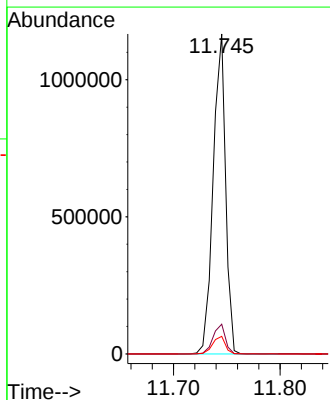
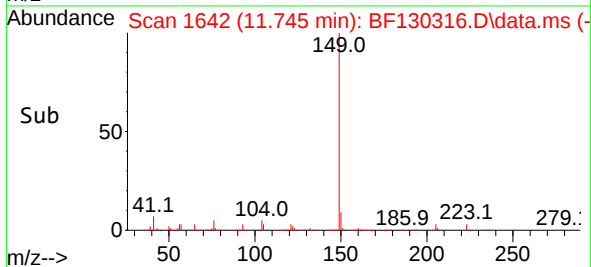
Supervised By :Jagrut
Upadhyay
09/20/2022

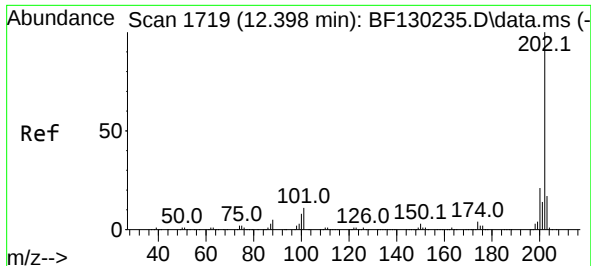


#74
Di-n-butylphthalate
Concen: 42.973 ng
RT: 11.745 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18



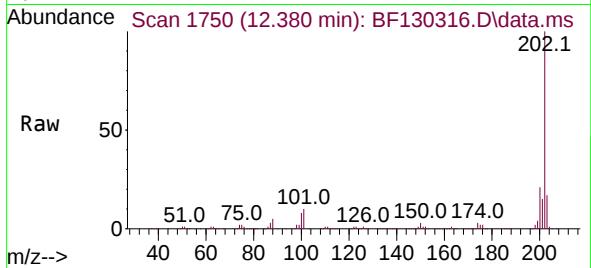
Tgt Ion:149 Resp: 947174
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 5.5 4.8 7.2





#75
Fluoranthene
Concen: 41.780 ng
RT: 12.380 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

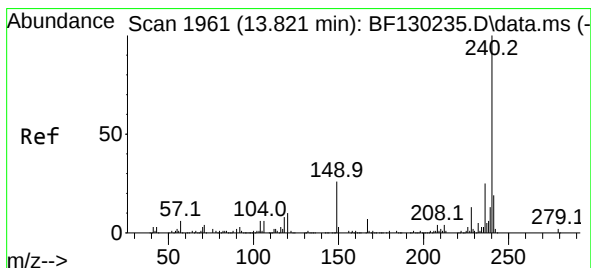
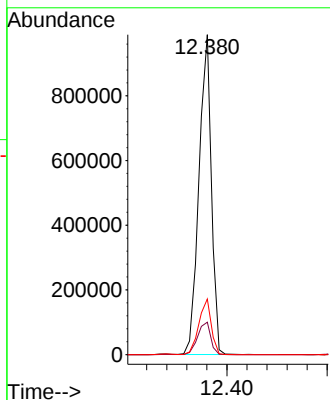
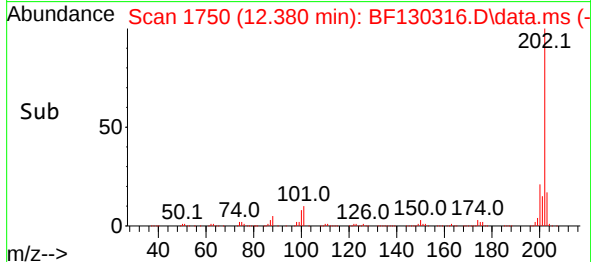


Tgt Ion:202 Resp: 847278
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.8
203 17.4 0.0 37.8

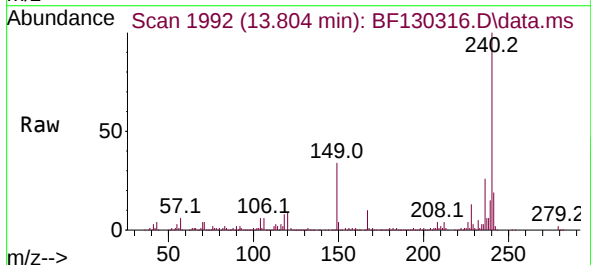
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

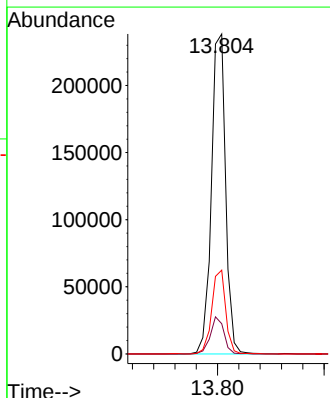
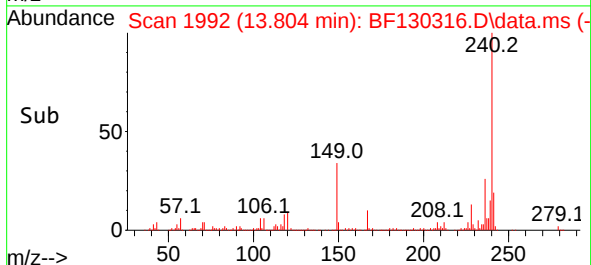
Supervised By :Jagrut
Upadhyay
09/20/2022

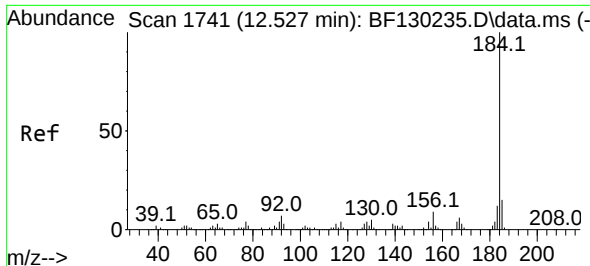


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18



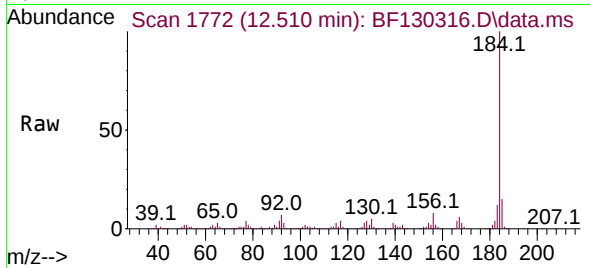
Tgt Ion:240 Resp: 221246
Ion Ratio Lower Upper
240 100
120 9.4 8.7 13.1
236 26.2 20.9 31.3





#77
Benzidine
Concen: 80.645 ng
RT: 12.510 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

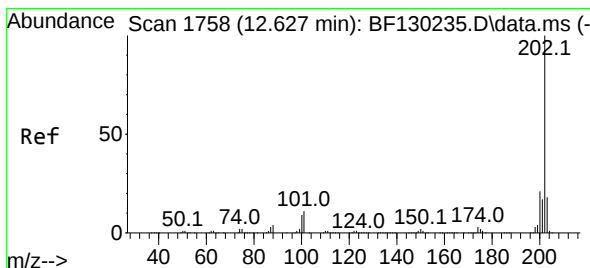
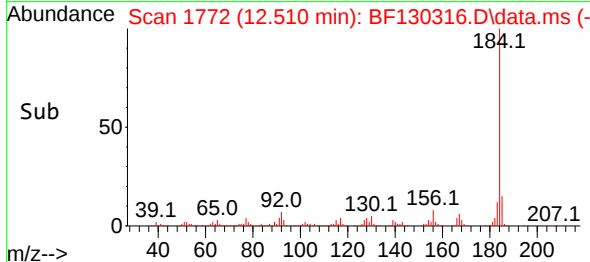
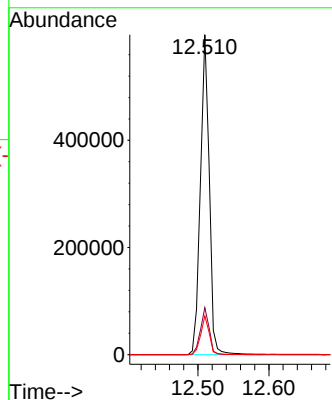


Tgt Ion:184 Resp: 517948
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 12.1 9.1 13.7

Manual Integrations
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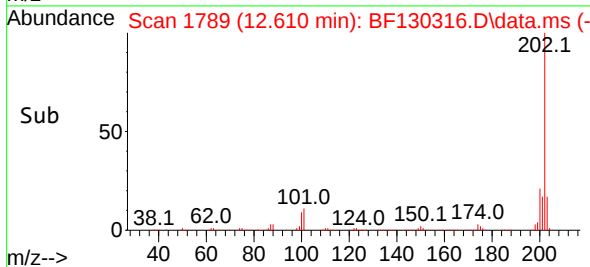
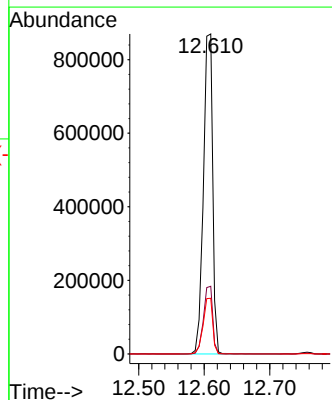
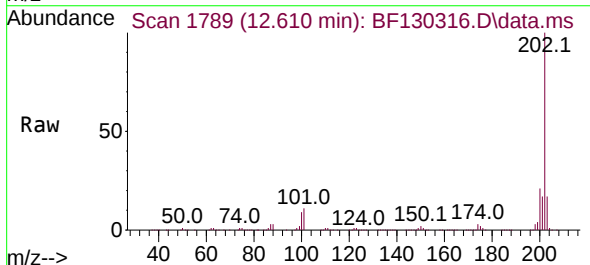
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

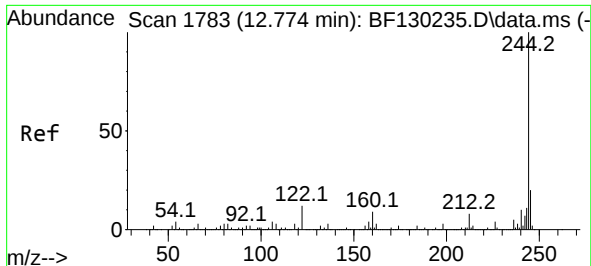
Supervised By :Jagrut
Upadhyay
09/20/2022



#78
Pyrene
Concen: 43.628 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

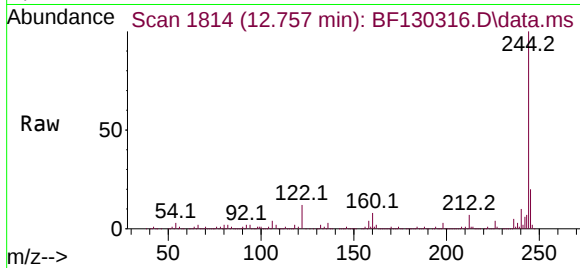
Tgt Ion:202 Resp: 844414
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.4 14.3 21.5





#79
Terphenyl-d14
Concen: 94.196 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

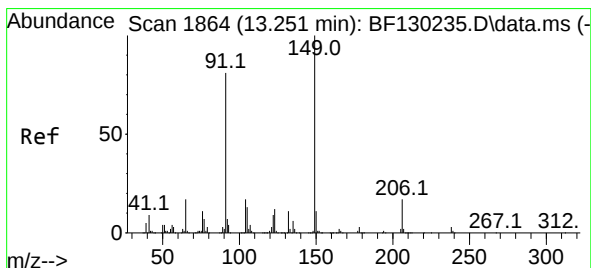
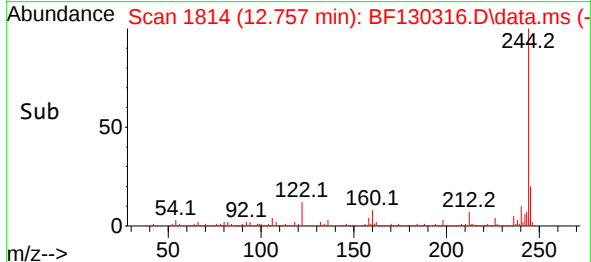
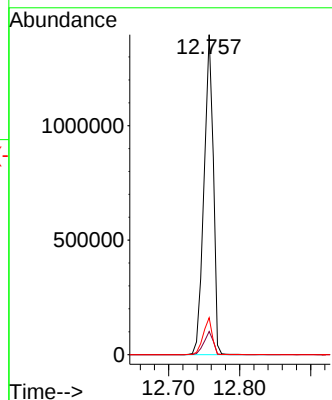


Tgt Ion:244 Resp: 1258109
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.5 8.5 12.7

Manual Integrations
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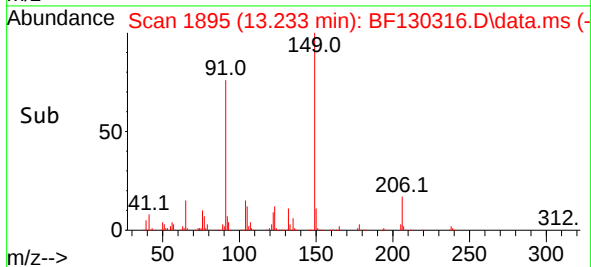
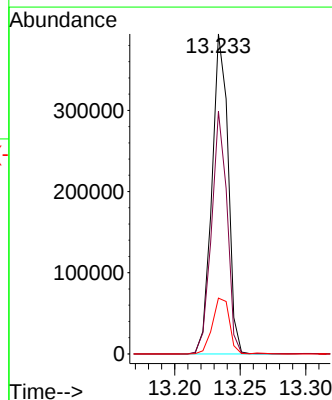
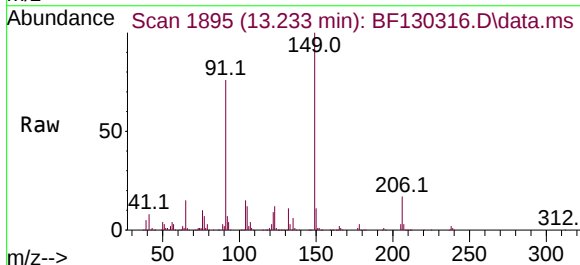
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

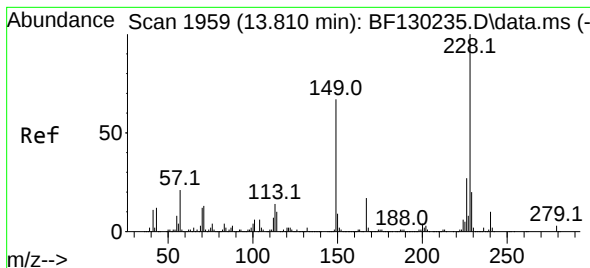
Supervised By :Jagrut
Upadhyay
09/20/2022



#80
Butylbenzylphthalate
Concen: 47.024 ng
RT: 13.233 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

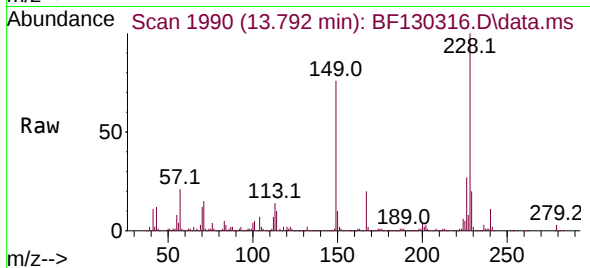
Tgt Ion:149 Resp: 337172
Ion Ratio Lower Upper
149 100
91 75.8 59.8 89.8
206 17.4 13.9 20.9





#81
Benzo(a)anthracene
Concen: 41.609 ng
RT: 13.792 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

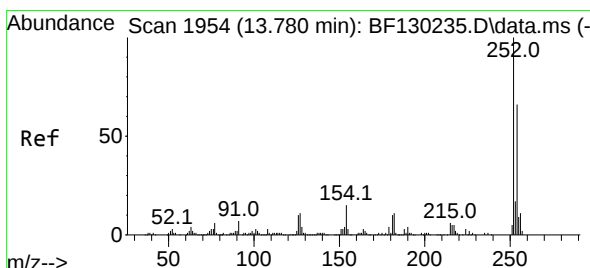
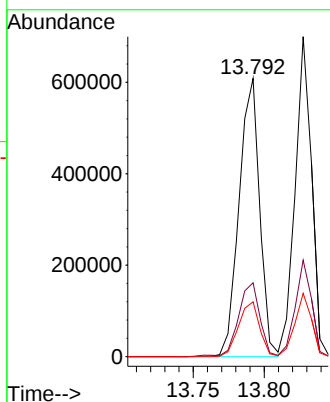
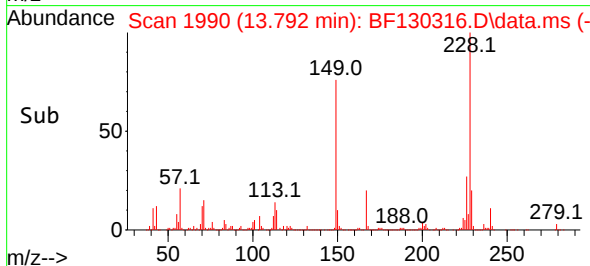


Tgt Ion:228 Resp: 612418
Ion Ratio Lower Upper
228 100
226 26.5 21.9 32.9
229 19.7 16.1 24.1

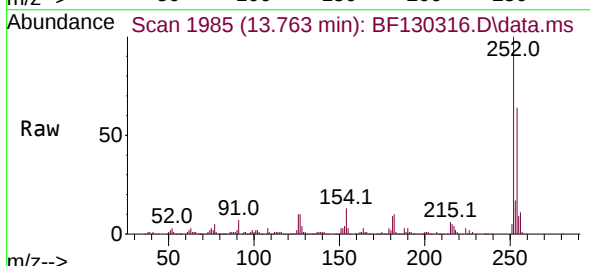
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

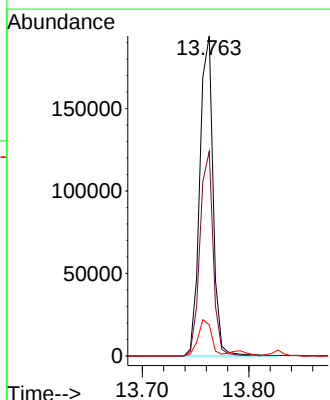
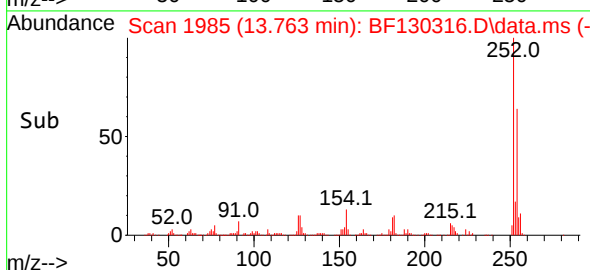
Supervised By :Jagrut
Upadhyay
09/20/2022

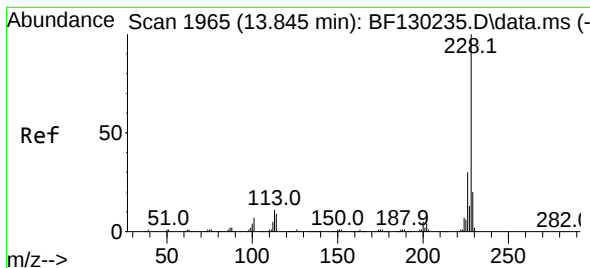


#82
3,3'-Dichlorobenzidine
Concen: 41.768 ng
RT: 13.763 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18



Tgt Ion:252 Resp: 167342
Ion Ratio Lower Upper
252 100
254 63.9 51.1 76.7
126 9.8 10.4 15.6#





#83

Chrysene

Concen: 40.512 ng

RT: 13.827 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BF130316.D

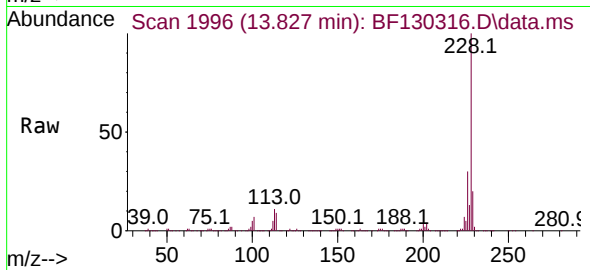
Acq: 19 Sep 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB147728BS



Tgt Ion:228 Resp: 566163

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 19.8 15.3 22.9

Manual Integrations

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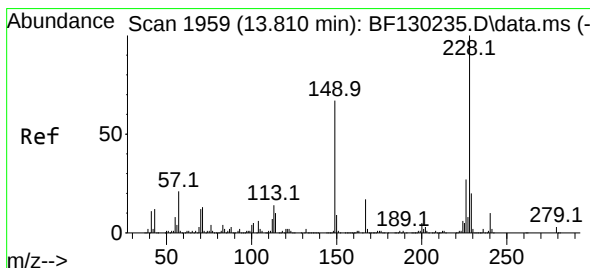
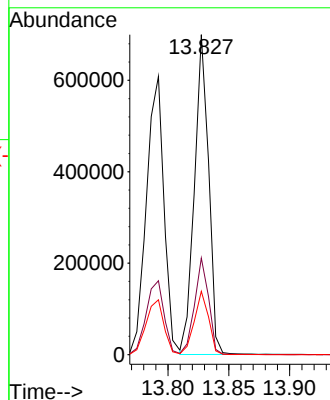
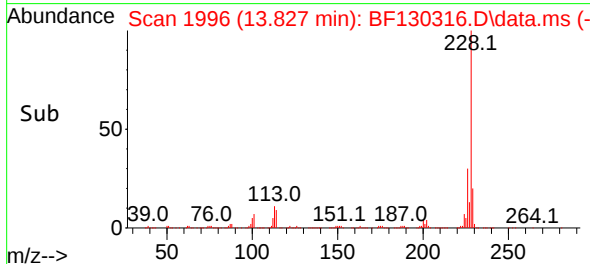
Reviewed By :Christian Giraldo 09/20/2022

Supervised By :Jagrut Upadhyay 09/20/2022

Supervised By :Jagrut

Upadhyay

09/20/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.802 ng

RT: 13.792 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BF130316.D

Acq: 19 Sep 2022 12:18

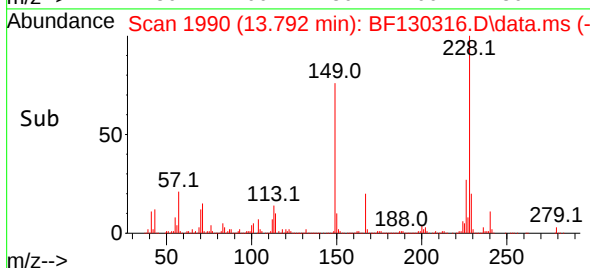
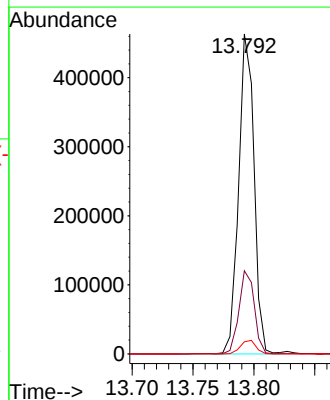
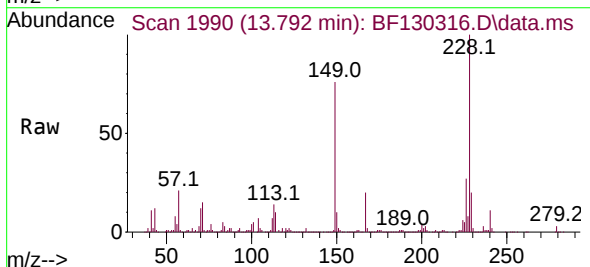
Tgt Ion:149 Resp: 409018

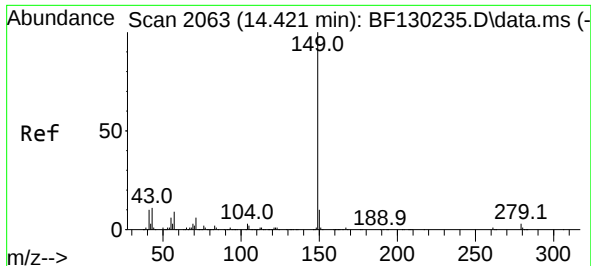
Ion Ratio Lower Upper

149 100

167 26.0 20.5 30.7

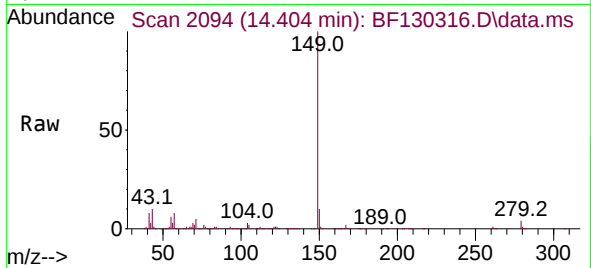
279 3.8 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 44.868 ng
RT: 14.404 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

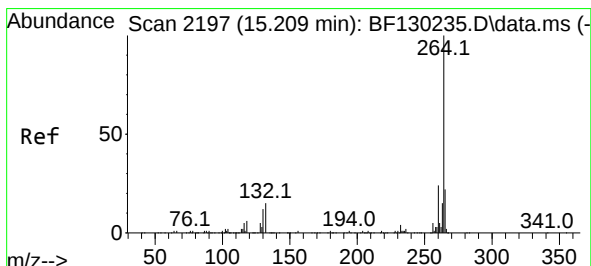
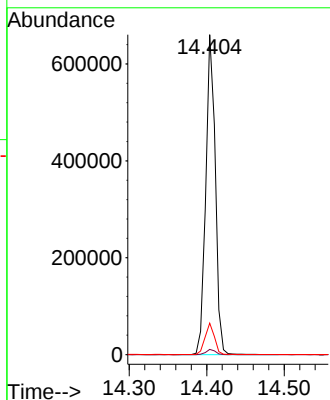
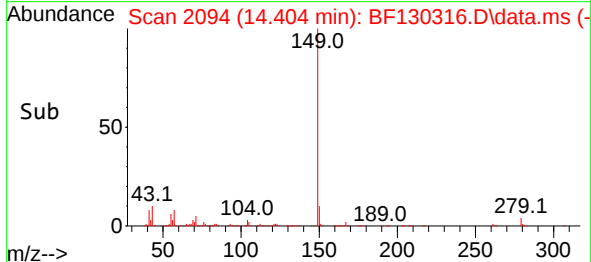


Tgt Ion:149 Resp: 563614
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.8 8.7 13.1

Manual Integrations
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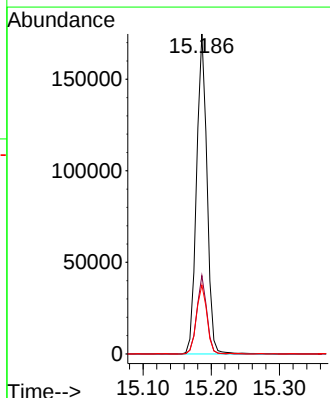
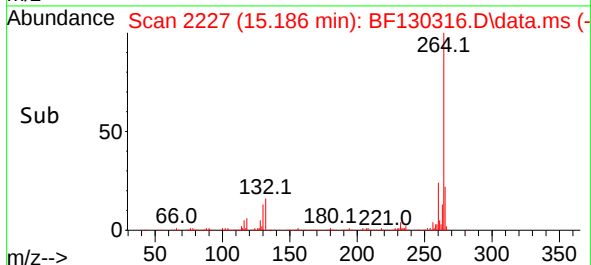
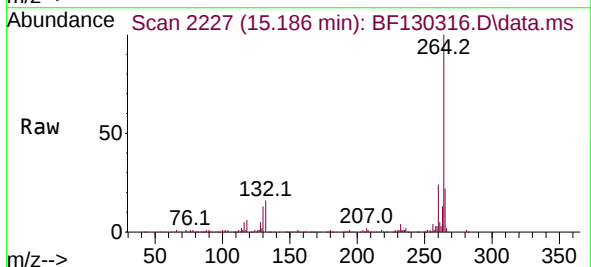
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

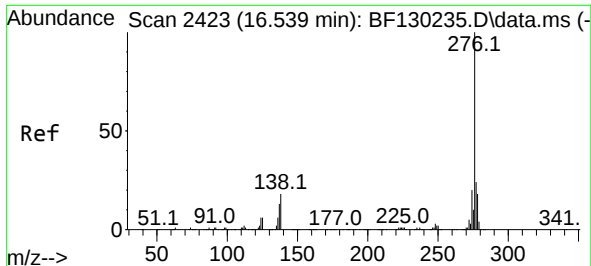
Supervised By :Jagrut
Upadhyay
09/20/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.186 min Scan# 2227
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Tgt Ion:264 Resp: 186096
Ion Ratio Lower Upper
264 100
260 24.5 19.3 28.9
265 21.5 17.0 25.4





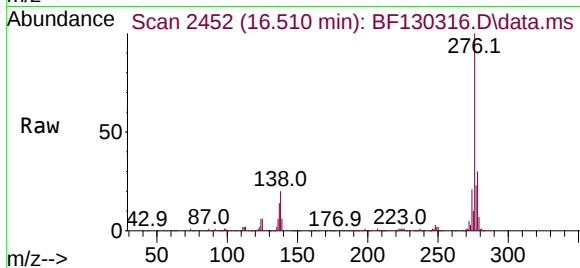
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.705 ng
RT: 16.510 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB147728BS

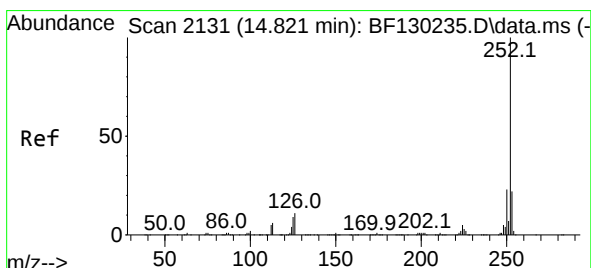
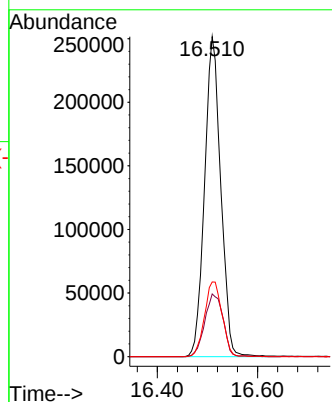
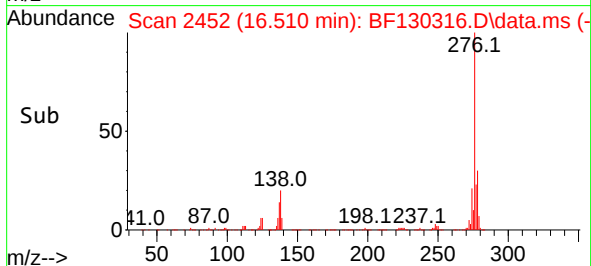


Tgt Ion:276 Resp: 563574
Ion Ratio Lower Upper
276 100
138 22.1 18.5 27.7
277 25.3 20.2 30.4

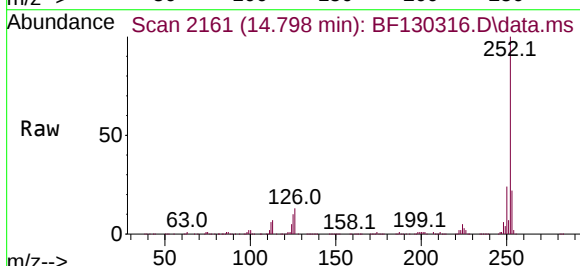
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

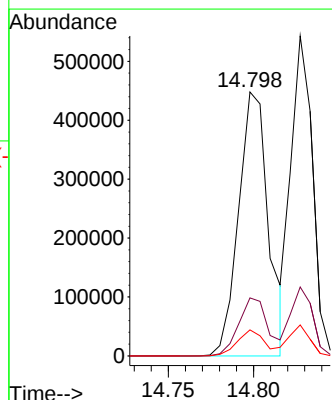
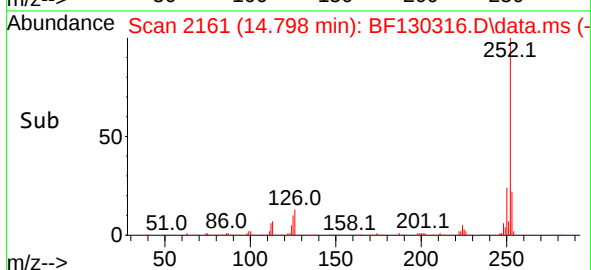
Supervised By :Jagrut
Upadhyay
09/20/2022

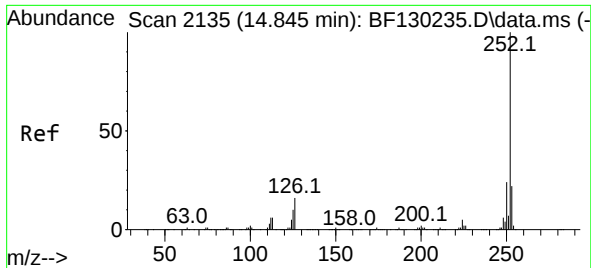


#88
Benzo(b)fluoranthene
Concen: 44.988 ng
RT: 14.798 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18



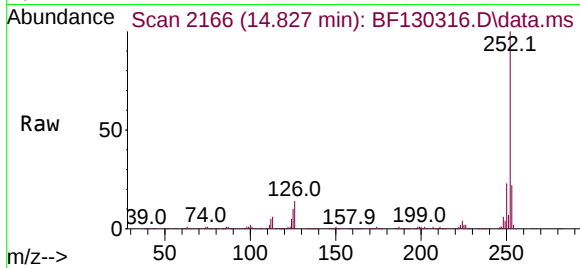
Tgt Ion:252 Resp: 546443
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.9 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 40.394 ng
RT: 14.827 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

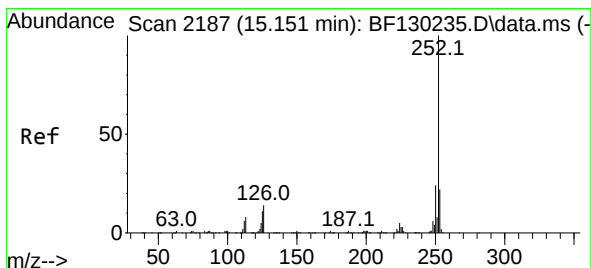
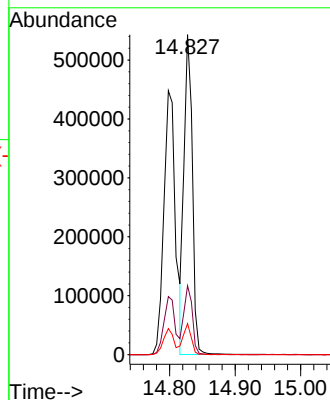
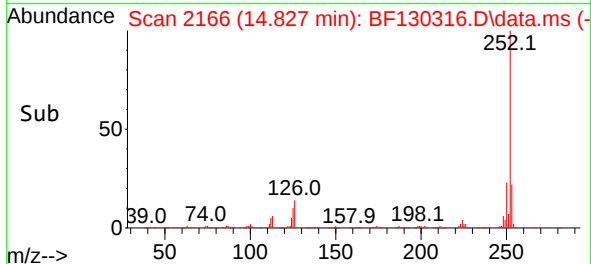


Tgt Ion:252 Resp: 482637
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 9.7 7.9 11.9

Manual Integrations
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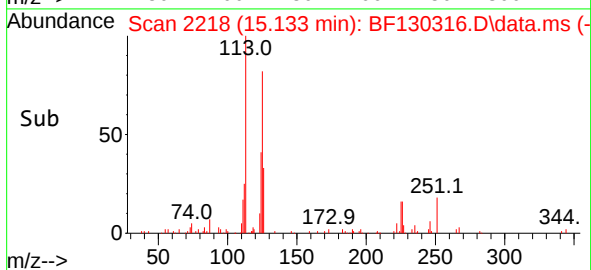
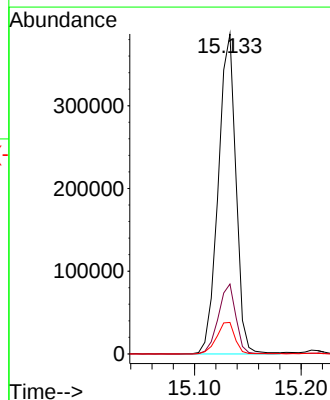
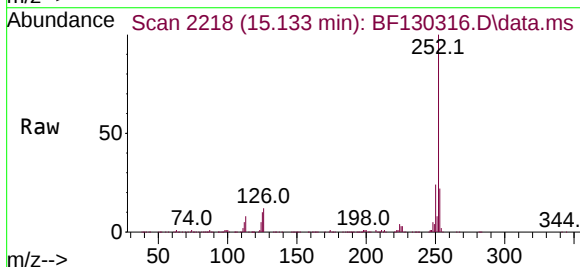
Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/20/2022

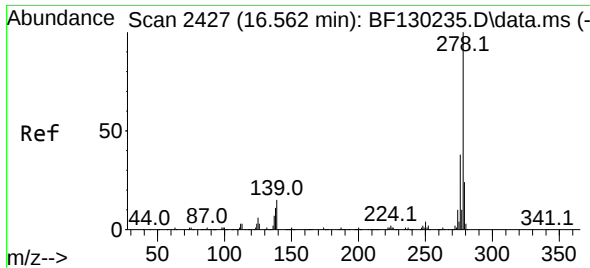
Supervised By :Jagrut
Upadhyay
09/20/2022



#90
Benzo(a)pyrene
Concen: 46.416 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

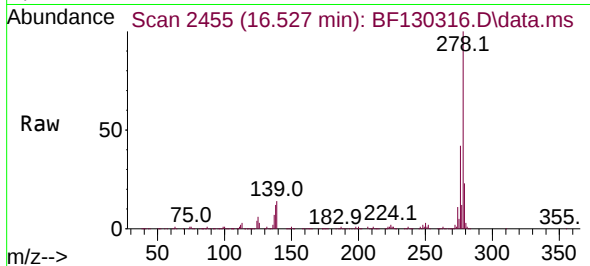
Tgt Ion:252 Resp: 446656
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 9.8 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 45.754 ng
RT: 16.527 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18

Instrument :
BNA_F
ClientSampleId :
PB147728BS

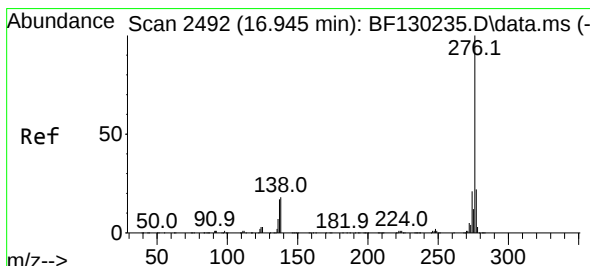
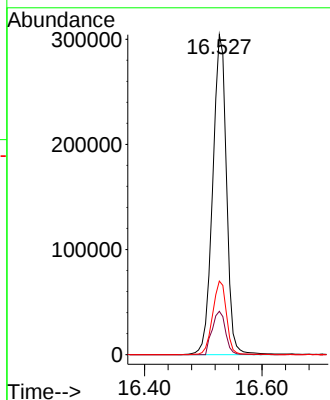
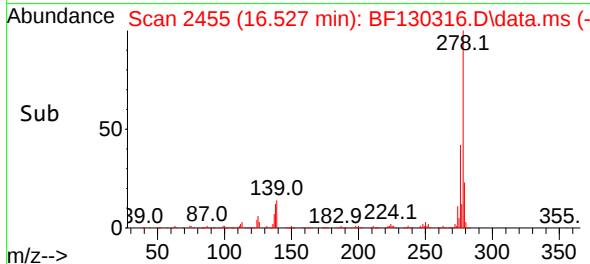


Tgt Ion: 278 Resp: 495339
Ion Ratio Lower Upper
278 100
139 13.5 11.8 17.8
279 23.0 19.4 29.0

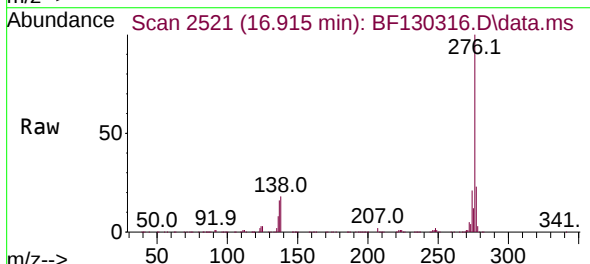
Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 09/20/2022
Supervised By : Jagrut Upadhyay 09/20/2022

Supervised By : Jagrut
Upadhyay
09/20/2022



#92
Benzo(g,h,i)perylene
Concen: 44.203 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.006 min
Lab File: BF130316.D
Acq: 19 Sep 2022 12:18



Tgt Ion: 276 Resp: 482057
Ion Ratio Lower Upper
276 100
277 23.2 18.6 27.8
138 18.0 14.6 21.8

