

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130246.D
 Acq On : 14 Sep 2022 18:35
 Operator : CG\JU
 Sample : N4578-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/15/2022
 Supervised By : Jagrut Upadhyay 09/15/2022

Quant Time: Sep 15 01:25:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.681	152	100683	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	401227	20.000	ng	0.00
39) Acenaphthene-d10	9.710	164	203549	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	326333	20.000	ng	0.00
76) Chrysene-d12	13.816	240	160821	20.000	ng	0.00
86) Perylene-d12	15.204	264	153565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	730798	125.894	ng	0.02
7) Phenol-d6	6.316	99	845408	116.396	ng	0.00
23) Nitrobenzene-d5	7.245	82	665934	84.794	ng	0.00
42) 2,4,6-Tribromophenol	10.498	330	286056	146.666	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1158380	82.871	ng	0.00
79) Terphenyl-d14	12.775	244	948028	97.649	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	109361	41.021	ng	98
3) Pyridine	3.146	79	225574	32.436	ng	98
4) n-Nitrosodimethylamine	3.081	42	170153	44.986	ng	95
6) Aniline	6.340	93	199262m	22.266	ng	
8) 2-Chlorophenol	6.463	128	322824	48.820	ng	95
9) Benzaldehyde	6.228	77	140135	28.803	ng	98
10) Phenol	6.328	94	337907	39.699	ng	98
11) bis(2-Chloroethyl)ether	6.422	93	301535	49.115	ng	98
12) 1,3-Dichlorobenzene	6.616	146	292622	40.218	ng	99
13) 1,4-Dichlorobenzene	6.698	146	300506	40.501	ng	98
14) 1,2-Dichlorobenzene	6.846	146	292803	42.244	ng	99
15) Benzyl Alcohol	6.828	79	234347	40.694	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.963	45	410989	45.898	ng	93
17) 2-Methylphenol	6.940	107	273291	50.842	ng	98
18) Hexachloroethane	7.187	117	116106	39.698	ng	96
19) n-Nitroso-di-n-propyla...	7.104	70	237519	48.463	ng	95
20) 3+4-Methylphenols	7.093	107	319152	45.705	ng	96
22) Acetophenone	7.093	105	476729	48.599	ng	100
24) Nitrobenzene	7.263	77	363452	45.577	ng	99
25) Isophorone	7.504	82	638922	50.475	ng	99
26) 2-Nitrophenol	7.581	139	168151	51.438	ng	91
27) 2,4-Dimethylphenol	7.622	122	276548	54.943	ng	96
28) bis(2-Chloroethoxy)met...	7.722	93	376240	52.786	ng	99
29) 2,4-Dichlorophenol	7.822	162	263024	47.686	ng	96
30) 1,2,4-Trichlorobenzene	7.904	180	247740	41.543	ng	96
31) Naphthalene	7.981	128	882084	42.673	ng	100
32) Benzoic acid	7.745	122	180991	46.498	ng	98
33) 4-Chloroaniline	8.034	127	105708	13.446	ng	97
34) Hexachlorobutadiene	8.098	225	154485	40.535	ng	99
35) Caprolactam	8.410	113	66328m	41.946	ng	
36) 4-Chloro-3-methylphenol	8.516	107	298423	48.811	ng	95
37) 2-Methylnaphthalene	8.675	142	594126	45.080	ng	98
38) 1-Methylnaphthalene	8.769	142	567166	44.797	ng	98
40) 1,2,4,5-Tetrachloroben...	8.839	216	269447	48.506	ng	99
41) Hexachlorocyclopentadiene	8.828	237	340982	114.652	ng	99
43) 2,4,6-Trichlorophenol	8.951	196	185109	47.747	ng	96

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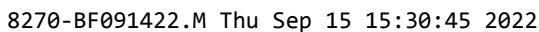
Quant Time: Sep 15 01:25:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.987	196	198285	47.396	ng	# 91
46) 1,1'-Biphenyl	9.139	154	739191	48.625	ng	98
47) 2-Chloronaphthalene	9.163	162	568378	46.219	ng	98
48) 2-Nitroaniline	9.263	65	190454	46.434	ng	90
49) Acenaphthylene	9.575	152	859695	46.626	ng	99
50) Dimethylphthalate	9.445	163	675838	48.067	ng	99
51) 2,6-Dinitrotoluene	9.504	165	146523	49.829	ng	95
52) Acenaphthene	9.745	154	636067m	52.505	ng	
53) 3-Nitroaniline	9.669	138	88731	27.080	ng	98
54) 2,4-Dinitrophenol	9.775	184	158203	97.679	ng	96
55) Dibenzofuran	9.916	168	776471	46.081	ng	97
56) 4-Nitrophenol	9.834	139	199747	83.698	ng	97
57) 2,4-Dinitrotoluene	9.904	165	188847	50.251	ng	98
58) Fluorene	10.257	166	638384	46.325	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.034	232	150890	46.080	ng	97
60) Diethylphthalate	10.145	149	660285	46.830	ng	98
61) 4-Chlorophenyl-phenylether	10.251	204	294148	48.658	ng	94
62) 4-Nitroaniline	10.286	138	140325	42.631	ng	97
63) Azobenzene	10.410	77	653395	45.004	ng	98
65) 4,6-Dinitro-2-methylph...	10.310	198	90227	49.668	ng	87
66) n-Nitrosodiphenylamine	10.375	169	532285	48.811	ng	99
67) 4-Bromophenyl-phenylether	10.739	248	181427	50.397	ng	93
68) Hexachlorobenzene	10.798	284	203028	49.752	ng	# 90
69) Atrazine	10.904	200	161939	50.814	ng	97
70) Pentachlorophenol	10.992	266	219208	100.089	ng	100
71) Phenanthrene	11.216	178	849185	46.349	ng	100
72) Anthracene	11.269	178	850867	48.124	ng	99
73) Carbazole	11.422	167	739433	46.340	ng	99
74) Di-n-butylphthalate	11.763	149	891639	46.338	ng	99
75) Fluoranthene	12.398	202	749174	42.316	ng	97
77) Benzidine	12.522	184	91448	19.588	ng	98
78) Pyrene	12.622	202	734428	52.203	ng	99
80) Butylbenzylphthalate	13.251	149	257805	49.465	ng	98
81) Benzo(a)anthracene	13.804	228	489686	45.771	ng	100
82) 3,3'-Dichlorobenzidine	13.774	252	129909	44.607	ng	98
83) Chrysene	13.839	228	462377	45.517	ng	99
84) Bis(2-ethylhexyl)phtha...	13.810	149	297106	49.768	ng	99
85) Di-n-octyl phthalate	14.421	149	429191	47.004	ng	99
87) Indeno(1,2,3-cd)pyrene	16.539	276	573142	52.630	ng	100
88) Benzo(b)fluoranthene	14.816	252	453891	45.284	ng	98
89) Benzo(k)fluoranthene	14.845	252	463350	46.994	ng	98
90) Benzo(a)pyrene	15.151	252	401673	50.584	ng	99
91) Dibenzo(a,h)anthracene	16.557	278	496500	55.577	ng	100
92) Benzo(g,h,i)perylene	16.945	276	507111	56.351	ng	99

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

Manual Integrations APPROVED

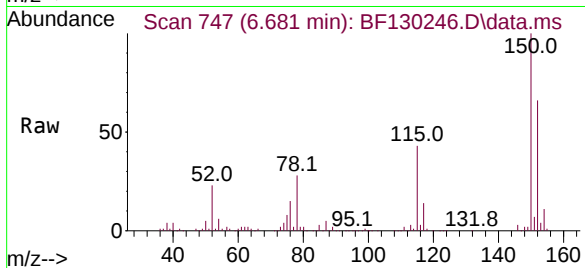
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.681 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

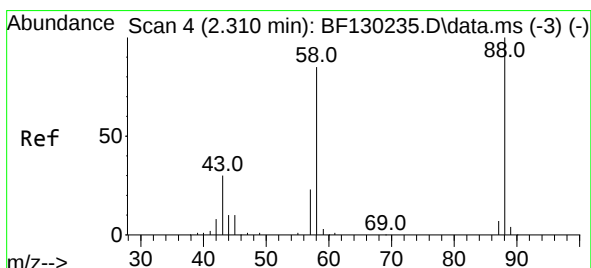
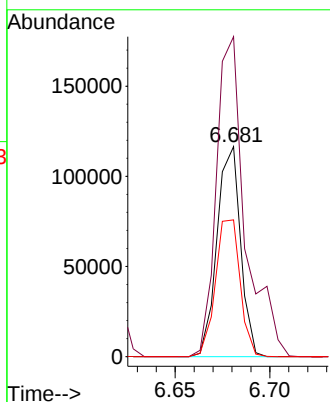
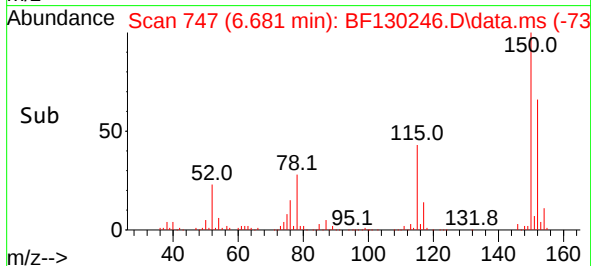
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



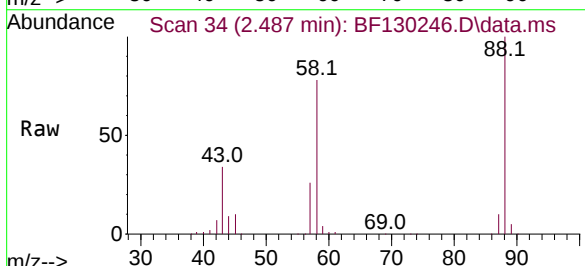
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Ion Ratio Lower Upper
152 100
150 152.4 122.8 184.2
115 65.1 53.8 80.8

Manual Integrations
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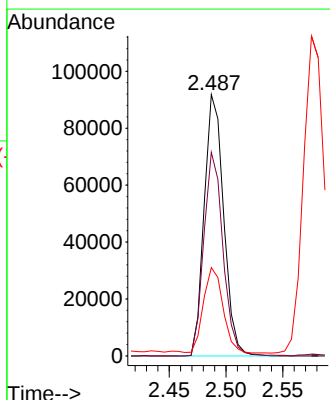
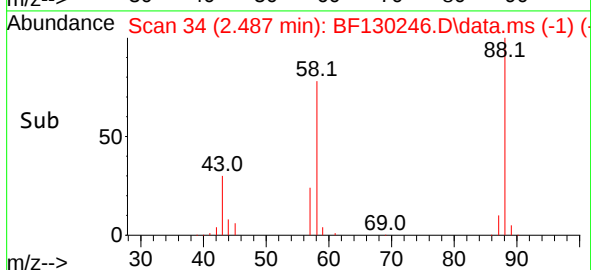
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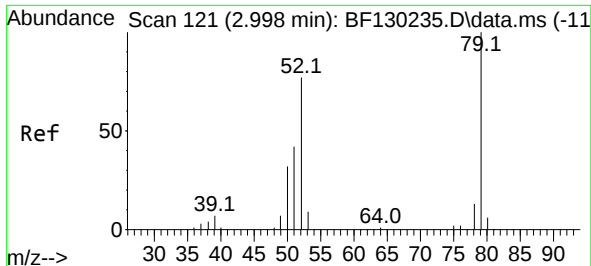


#2
1,4-Dioxane
Concen: 41.021 ng
RT: 2.487 min Scan# 34
Delta R.T. 0.177 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



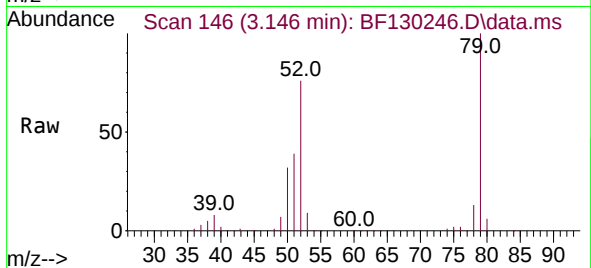
Tgt Ion: 88 Resp: 109361
Ion Ratio Lower Upper
88 100
58 77.1 61.3 91.9
43 32.8 23.0 34.6





#3
Pyridine
Concen: 32.436 ng
RT: 3.146 min Scan# 14
Delta R.T. 0.147 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

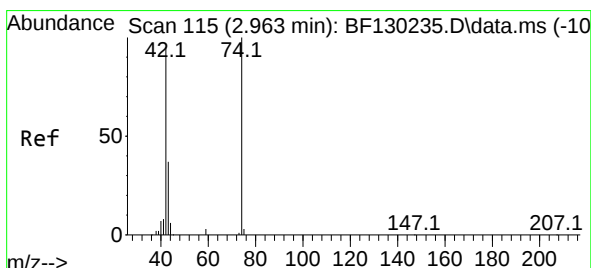
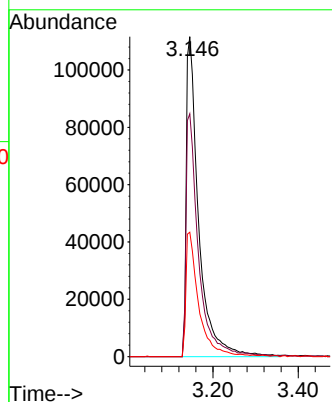
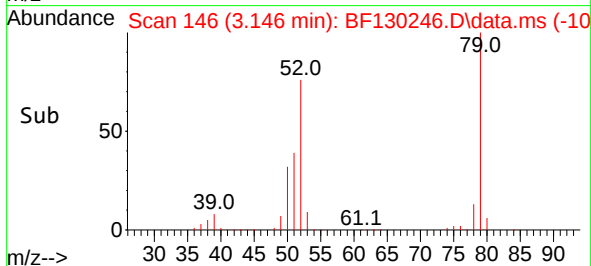
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CHERRY-HILL-COMP-1MSD



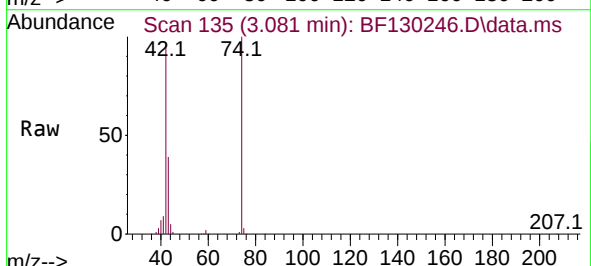
Tgt Ion: 79 Resp: 225574
Ion Ratio Lower Upper
79 100
52 75.9 62.4 93.6
51 38.9 32.2 48.4

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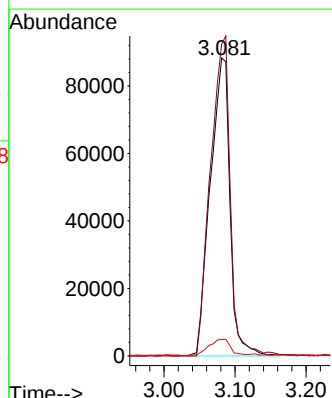
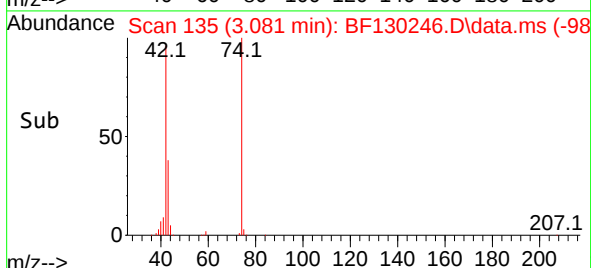
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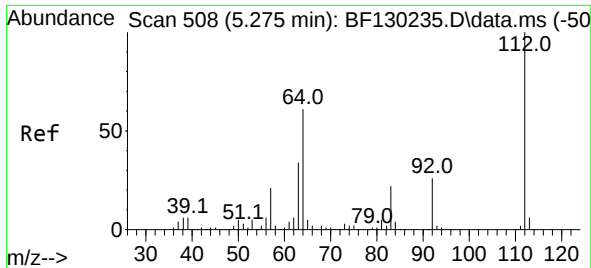


#4
n-Nitrosodimethylamine
Concen: 44.986 ng
RT: 3.081 min Scan# 135
Delta R.T. 0.118 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



Tgt Ion: 42 Resp: 170153
Ion Ratio Lower Upper
42 100
74 104.6 88.4 132.6
44 5.5 5.0 7.4





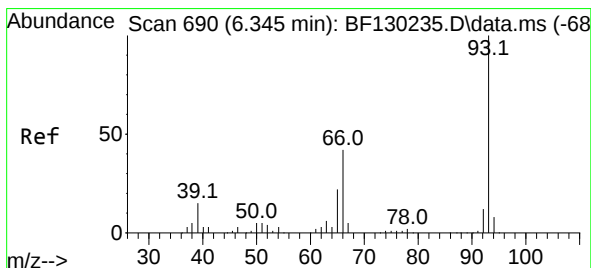
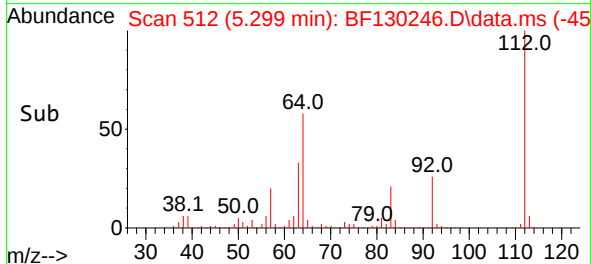
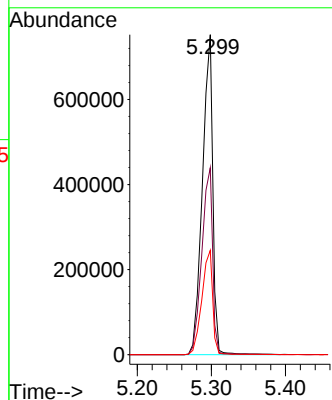
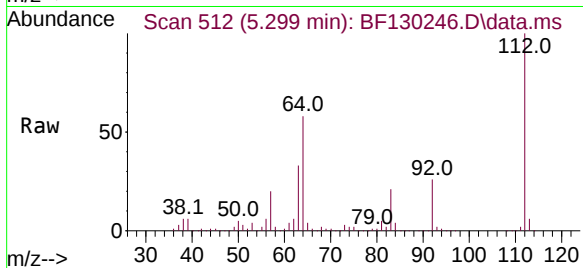
#5
2-Fluorophenol
Concen: 125.894 ng
RT: 5.299 min Scan# 512
Delta R.T. 0.024 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

Instrument :
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ClientSampleId :
CHERRY-HILL-COMP-1MSD

Tgt Ion:112 Resp: 730798
Ion Ratio Lower Upper
112 100
64 58.4 51.4 77.0
63 32.6 28.8 43.2

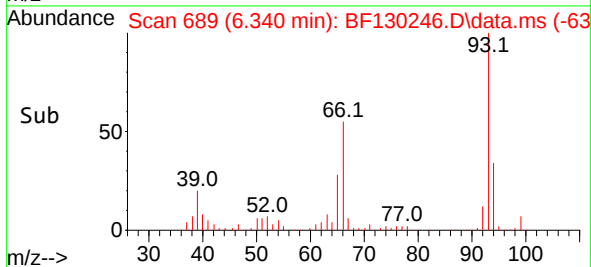
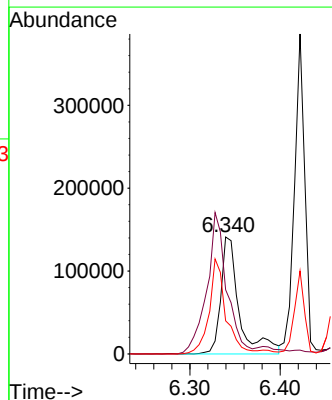
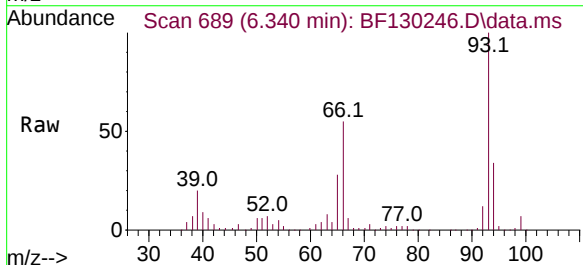
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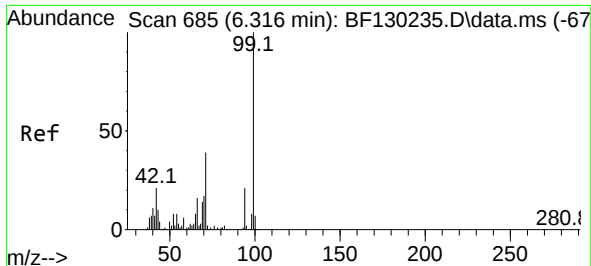
Reviewed By :Christian Giraldo 09/15/2022
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#6
Aniline
Concen: 22.266 ng m
RT: 6.340 min Scan# 689
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

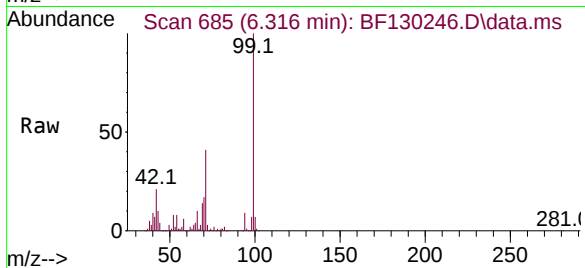
Tgt Ion: 93 Resp: 199262
Ion Ratio Lower Upper
93 100
66 54.9 34.2 51.4#
65 28.3 16.6 24.8#





#7
Phenol-d6
Concen: 116.396 ng
RT: 6.316 min Scan# 685
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

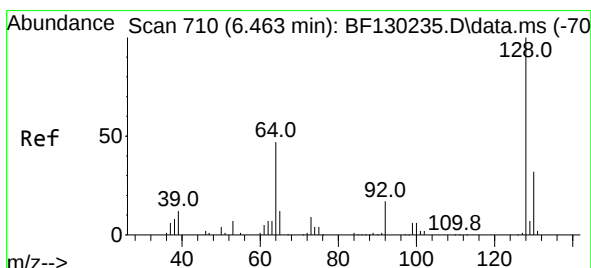
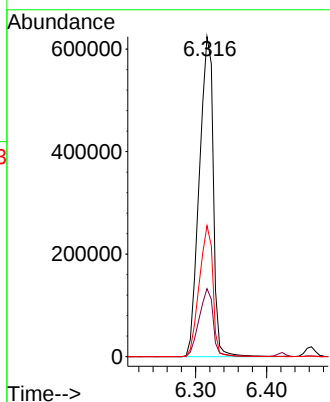
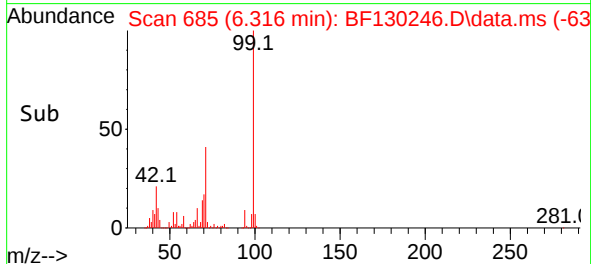
Instrument :
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Tgt Ion: 99 Resp: 845408
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 40.9 32.3 48.5

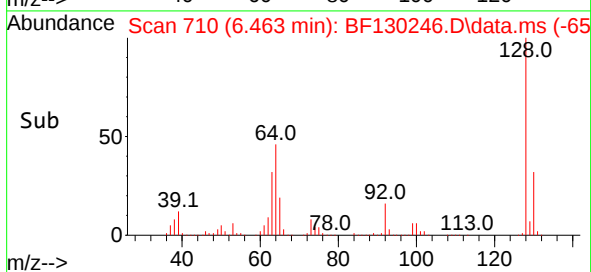
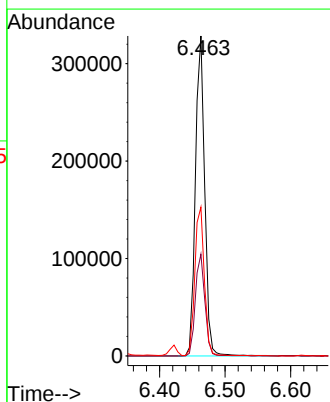
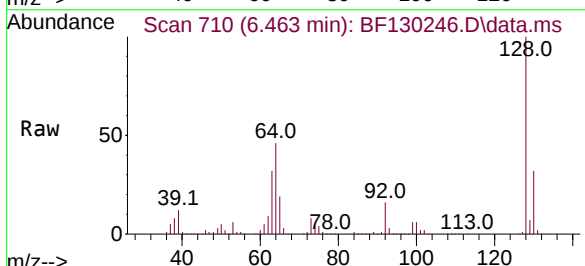
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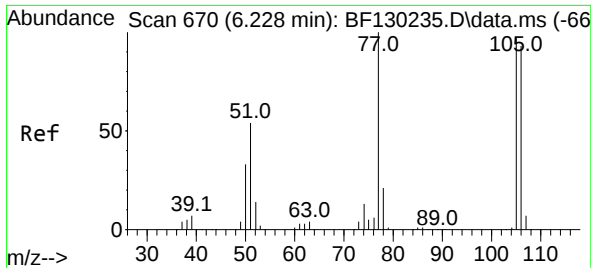
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#8
2-Chlorophenol
Concen: 48.820 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

Tgt Ion:128 Resp: 322824
Ion Ratio Lower Upper
128 100
130 31.8 12.4 52.4
64 46.5 31.6 71.6





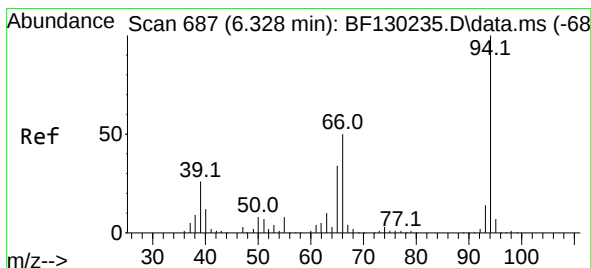
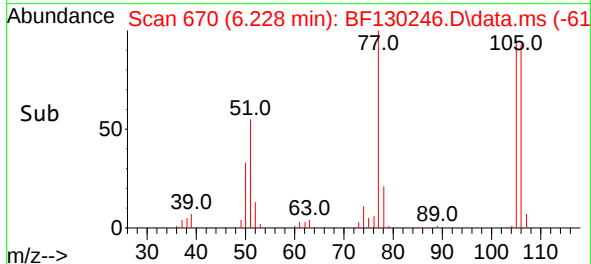
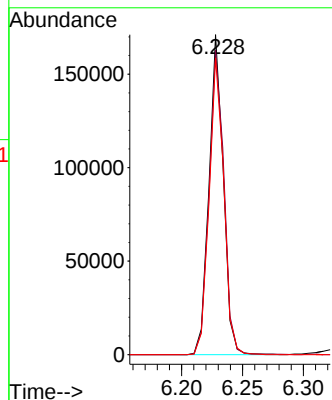
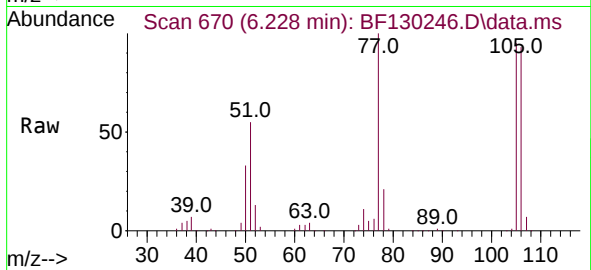
#9
Benzaldehyde
Concen: 28.803 ng
RT: 6.228 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD

Tgt Ion: 77 Resp: 140135
Ion Ratio Lower Upper
77 100
105 95.1 75.1 115.1
106 92.7 69.7 109.7

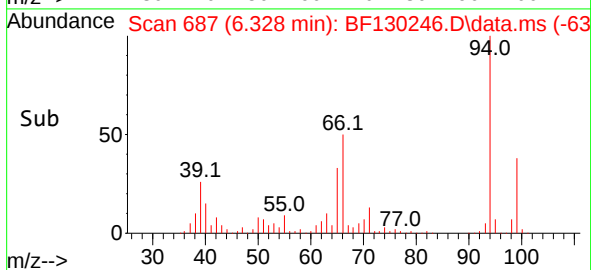
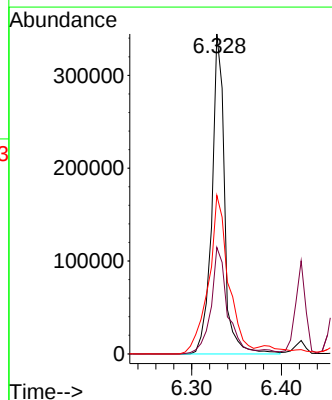
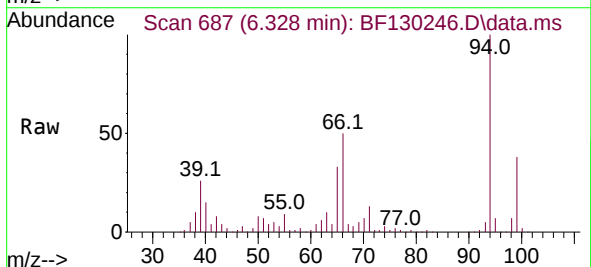
Manual Integrations
APPROVED

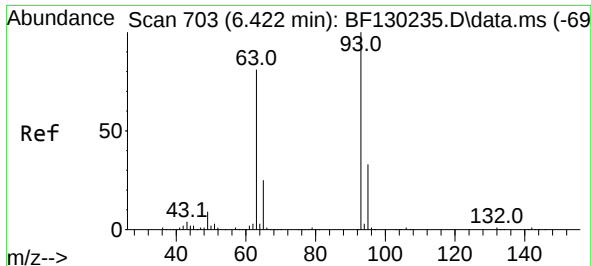
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#10
Phenol
Concen: 39.699 ng
RT: 6.328 min Scan# 687
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

Tgt Ion: 94 Resp: 337907
Ion Ratio Lower Upper
94 100
65 33.3 14.1 54.1
66 49.5 28.1 68.1





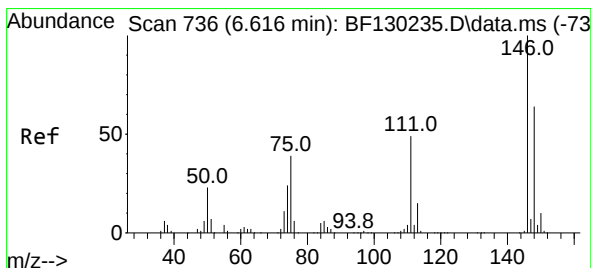
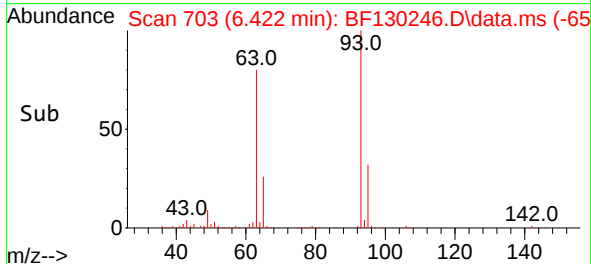
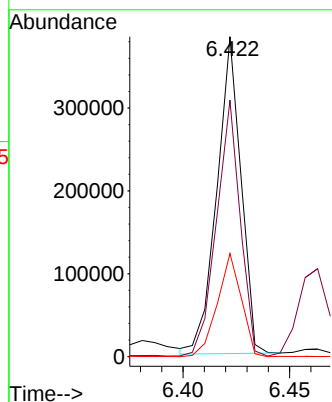
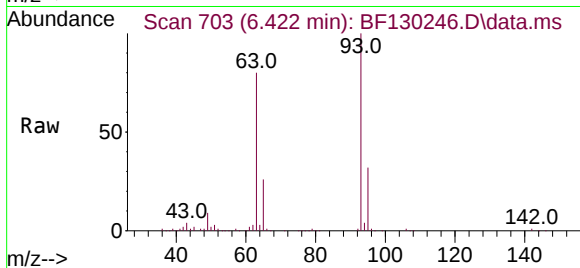
#11
bis(2-Chloroethyl)ether
Concen: 49.115 ng
RT: 6.422 min Scan# 703
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD

Tgt Ion: 93 Resp: 301535
Ion Ratio Lower Upper
93 100
63 80.1 62.5 102.5
95 32.2 12.5 52.5

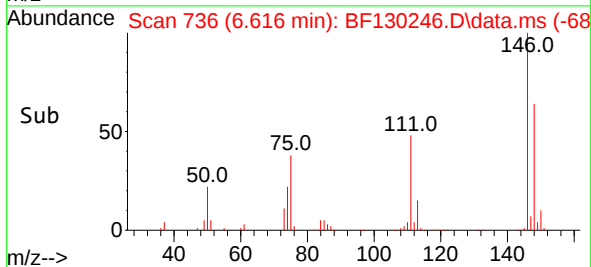
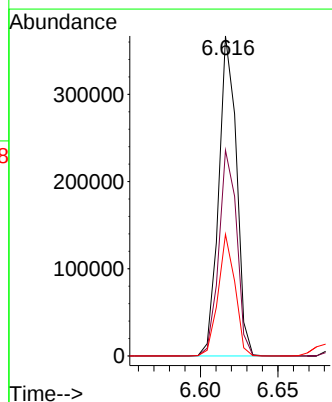
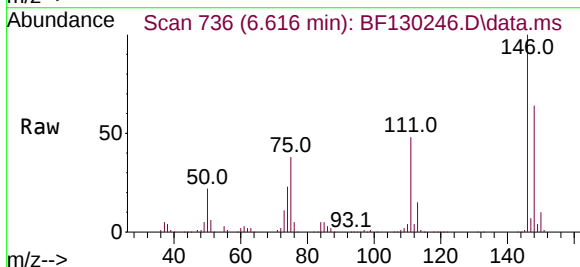
Manual Integrations
APPROVED

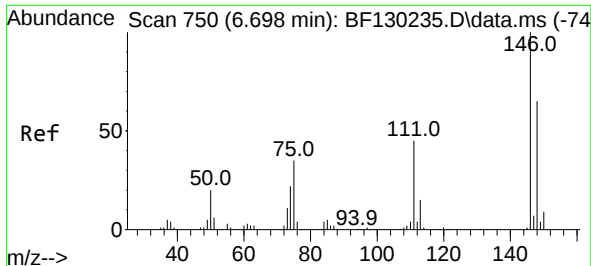
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#12
1,3-Dichlorobenzene
Concen: 40.218 ng
RT: 6.616 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

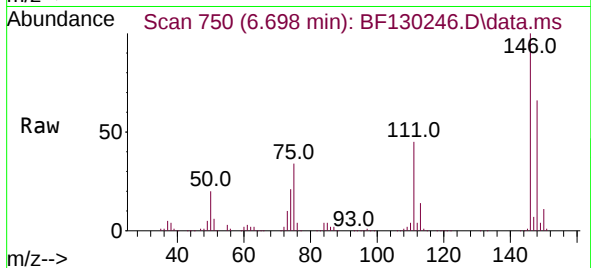
Tgt Ion:146 Resp: 292622
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
75 38.0 28.8 43.2





#13
1,4-Dichlorobenzene
Concen: 40.501 ng
RT: 6.698 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

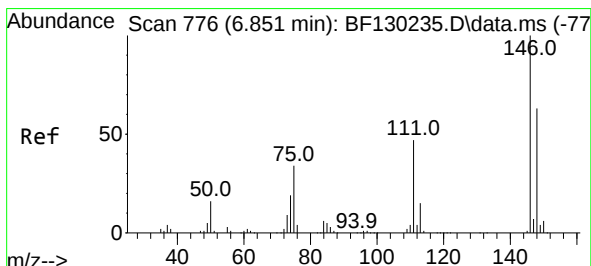
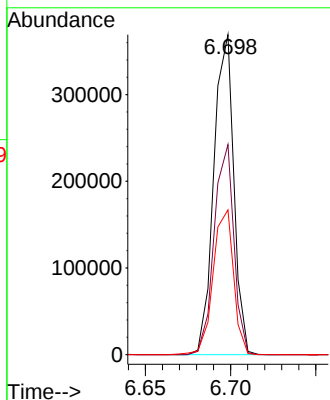
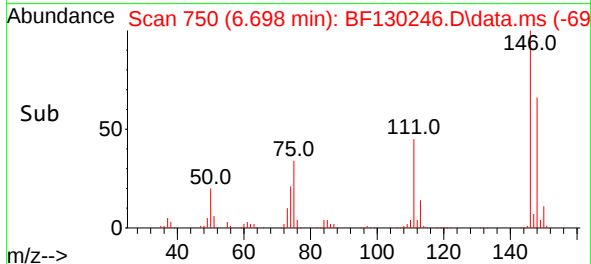
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



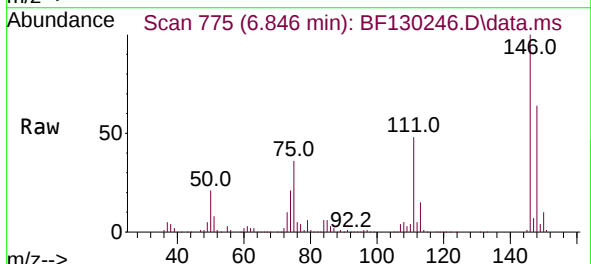
Tgt Ion:146 Resp: 300500
Ion Ratio Lower Upper
146 100
148 65.6 50.3 75.5
111 45.2 36.3 54.5

Manual Integrations
APPROVED

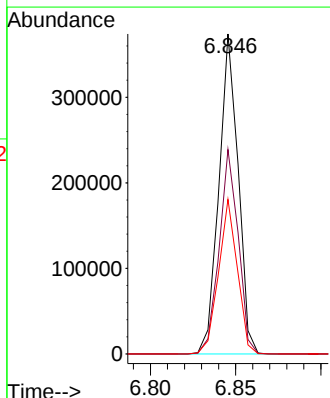
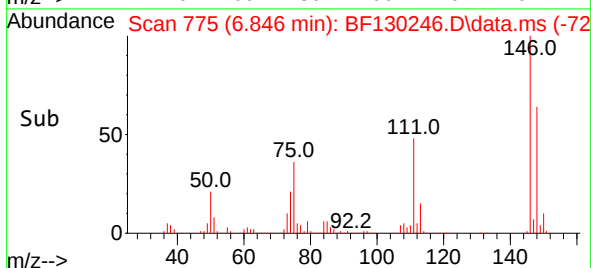
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

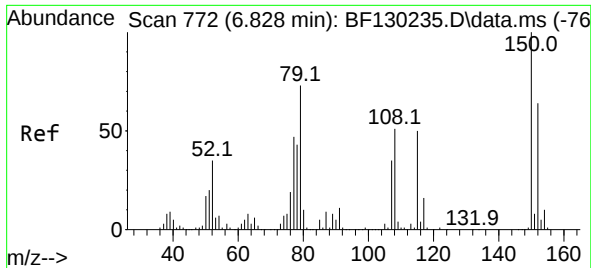


#14
1,2-Dichlorobenzene
Concen: 42.244 ng
RT: 6.846 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



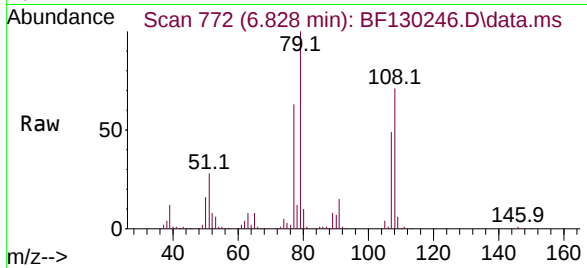
Tgt Ion:146 Resp: 292803
Ion Ratio Lower Upper
146 100
148 63.9 51.6 77.4
111 48.3 39.2 58.8





#15
Benzyl Alcohol
Concen: 40.694 ng
RT: 6.828 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

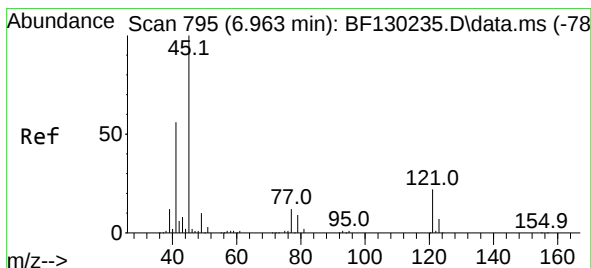
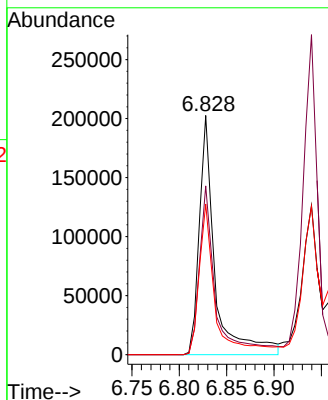
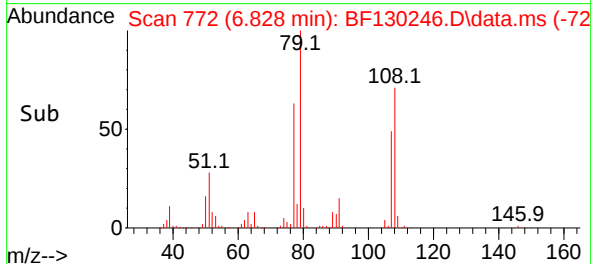
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



Tgt Ion: 79 Resp: 23434
Ion Ratio Lower Upper
79 100
108 70.6 54.0 81.0
77 63.0 51.3 76.9

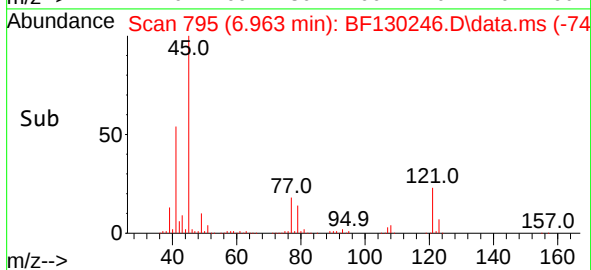
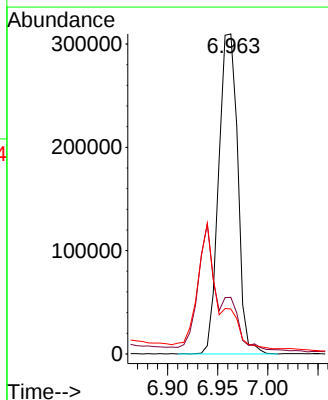
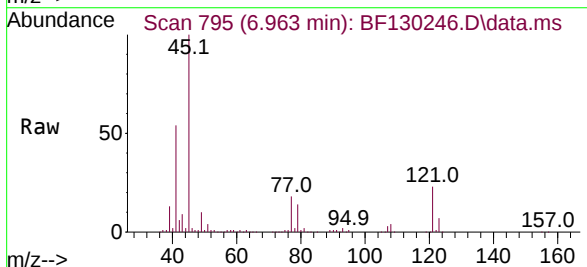
Manual Integrations
APPROVED

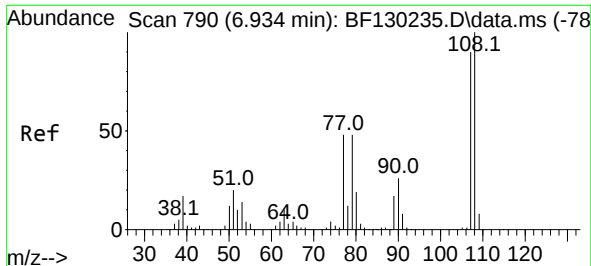
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.898 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

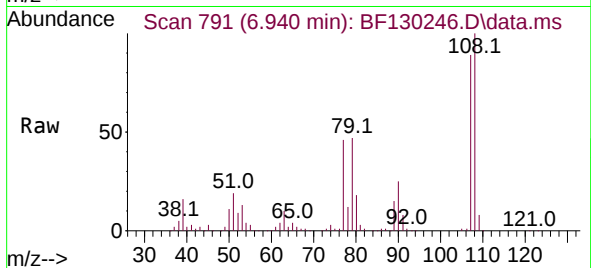
Tgt Ion: 45 Resp: 410989
Ion Ratio Lower Upper
45 100
77 17.7 0.0 34.9
79 14.0 0.0 31.0





#17
2-Methylphenol
Concen: 50.842 ng
RT: 6.940 min Scan# 790
Delta R.T. 0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

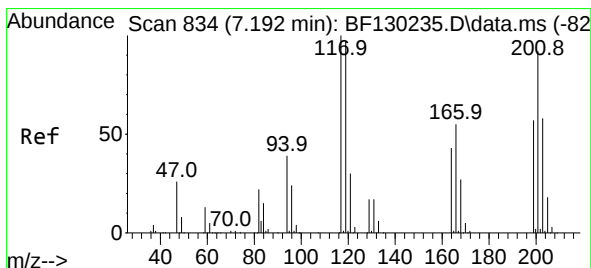
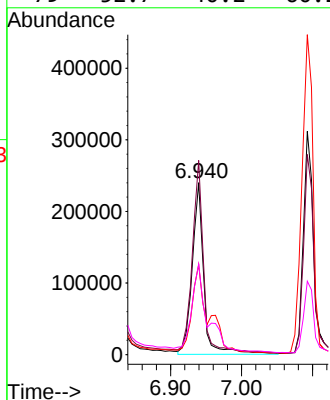
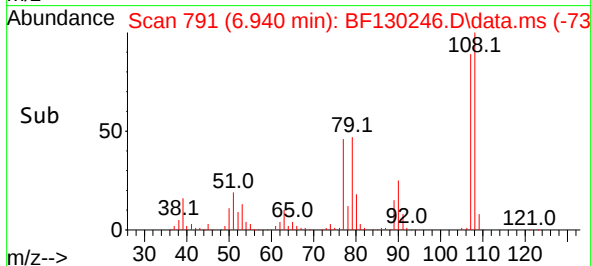
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



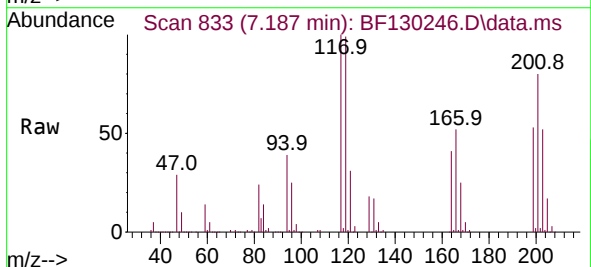
Tgt Ion:	107	Resp:	27329
Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.4	134.0
77	52.3	40.6	60.8
79	52.7	40.2	60.2

Manual Integrations
APPROVED

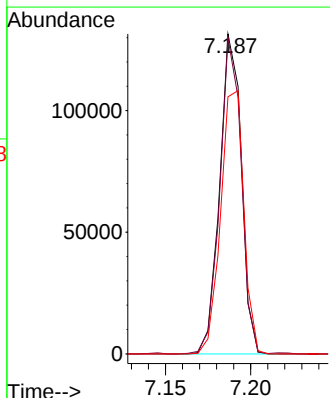
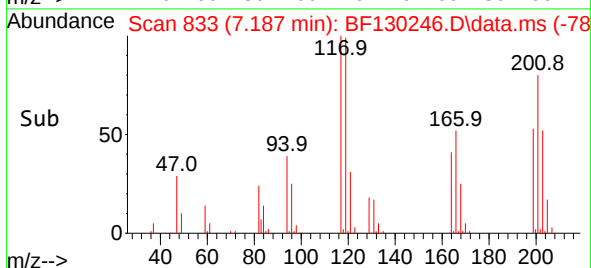
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

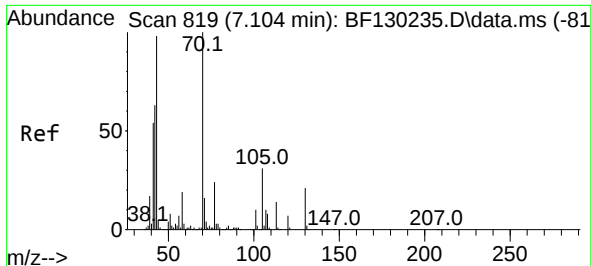


#18
Hexachloroethane
Concen: 39.698 ng
RT: 7.187 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



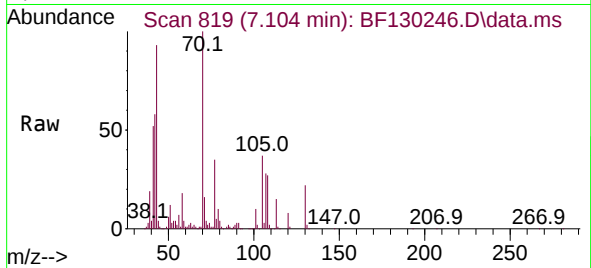
Tgt Ion:	117	Resp:	116106
Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.8	116.6
201	80.3	68.7	103.1





#19
n-Nitroso-di-n-propylamine
Concen: 48.463 ng
RT: 7.104 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

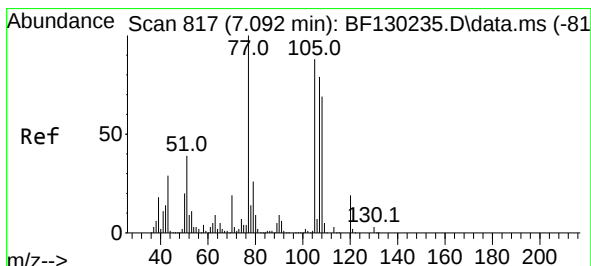
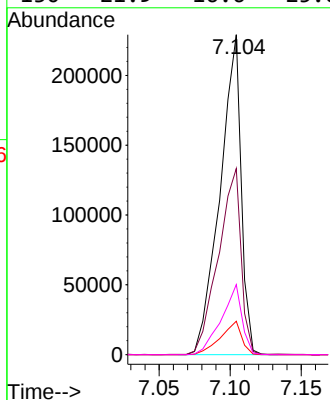
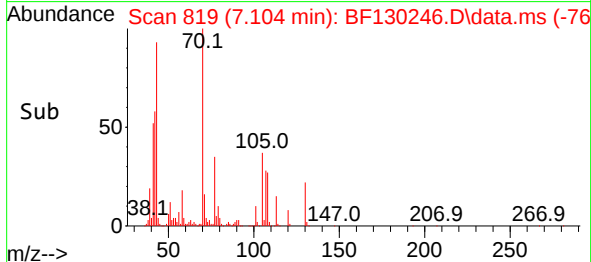
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



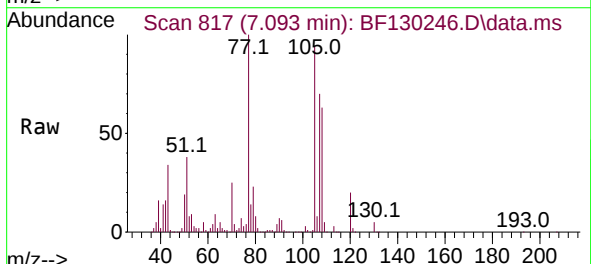
Tgt Ion: 70 Resp: 237519
Ion Ratio Lower Upper
70 100
42 58.1 50.8 76.2
101 10.4 8.2 12.4
130 21.9 16.6 25.0

Manual Integrations
APPROVED

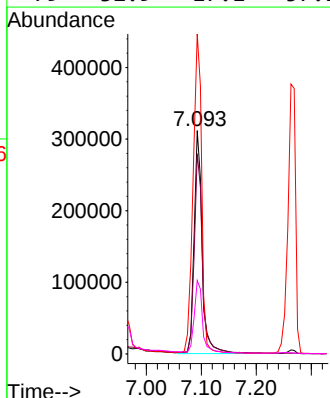
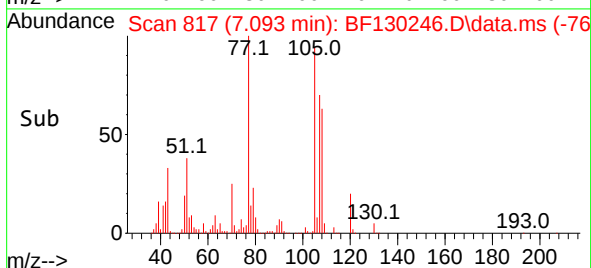
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

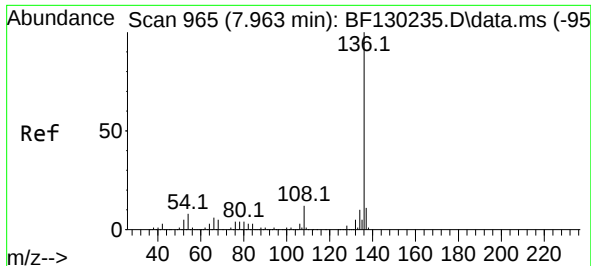


#20
3+4-Methylphenols
Concen: 45.705 ng
RT: 7.093 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



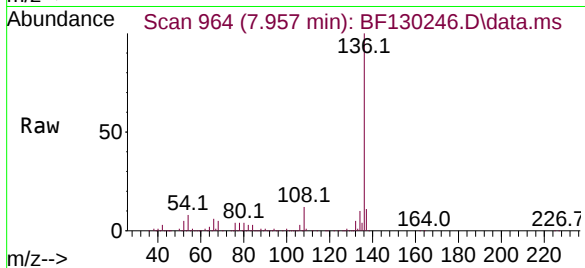
Tgt Ion:107 Resp: 319152
Ion Ratio Lower Upper
107 100
108 89.6 74.8 114.8
77 143.3 125.8 165.8
79 32.9 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

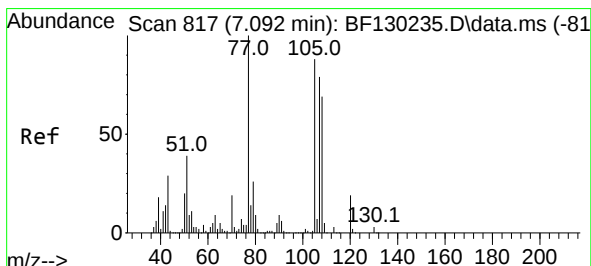
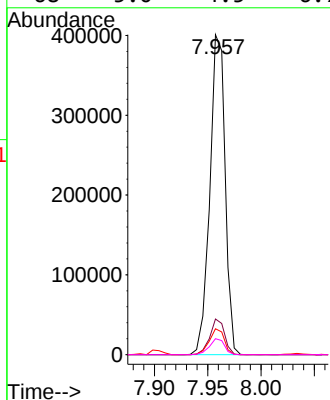
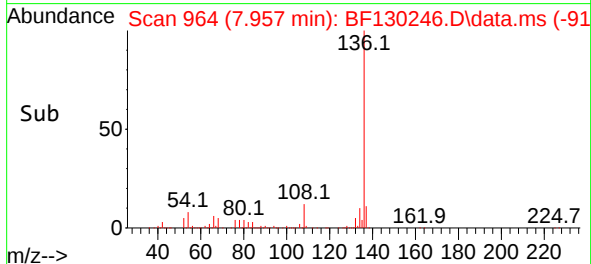
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



Tgt Ion:136 Resp: 401227
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.1 7.1 10.7
68 5.0 4.5 6.7

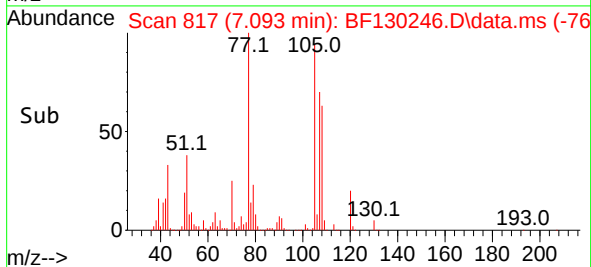
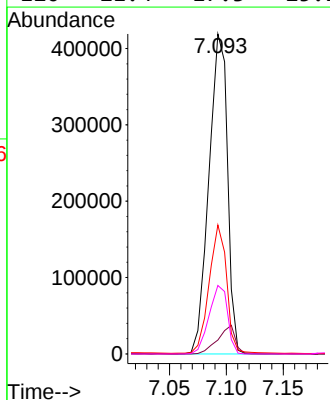
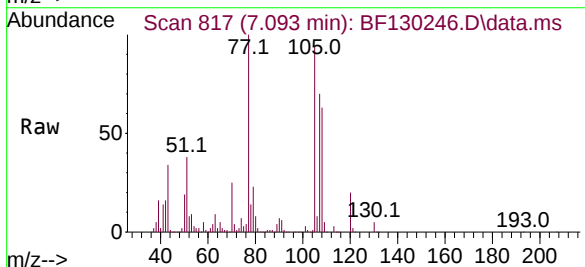
Manual Integrations
APPROVED

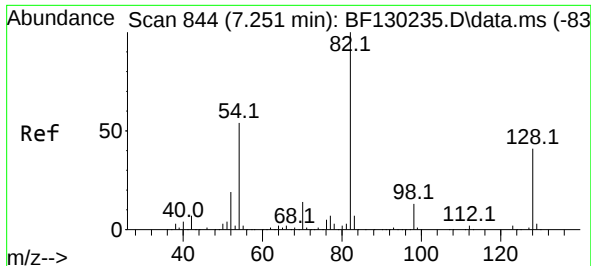
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#22
Acetophenone
Concen: 48.599 ng
RT: 7.093 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

Tgt Ion:105 Resp: 476729
Ion Ratio Lower Upper
105 100
71 4.3 3.9 5.9
51 40.3 32.2 48.2
120 21.4 17.3 25.9





#23

Nitrobenzene-d5

Concen: 84.794 ng

RT: 7.245 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF130246.D

Acq: 14 Sep 2022 18:35

Instrument :

BNA_F

ClientSampleId :

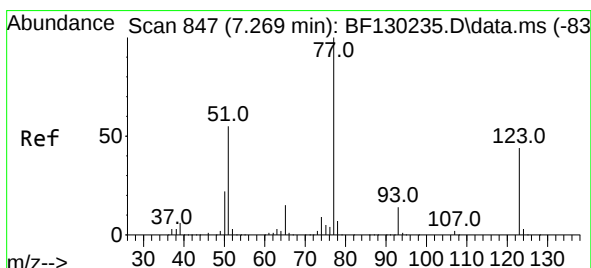
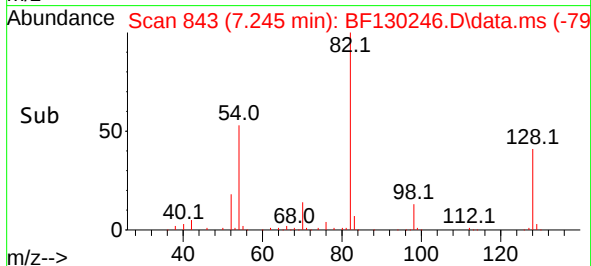
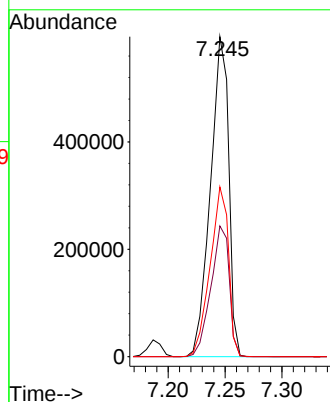
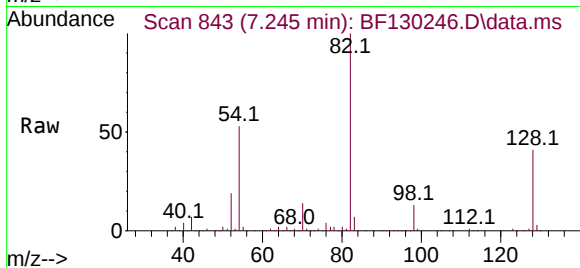
CHERRY-HILL-COMP-1MSD

Tgt Ion: 82 Resp: 665934
 Ion Ratio Lower Upper
 82 100
 128 40.9 32.6 49.0
 54 53.0 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/15/2022
 Supervised By :Jagrut Upadhyay 09/15/2022



#24

Nitrobenzene

Concen: 45.577 ng

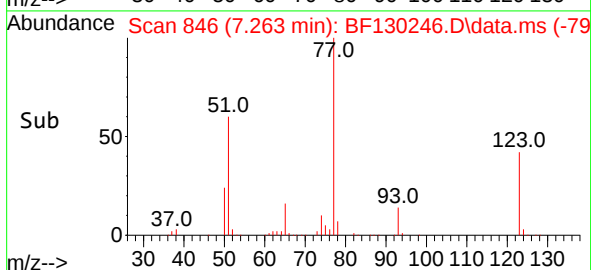
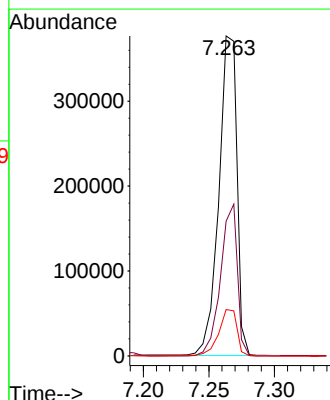
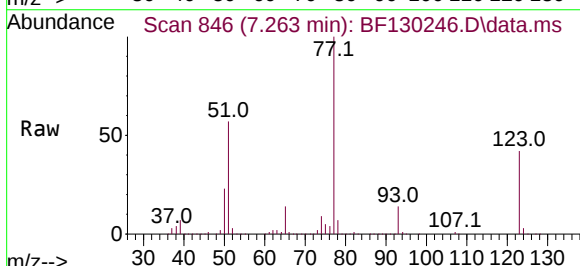
RT: 7.263 min Scan# 846

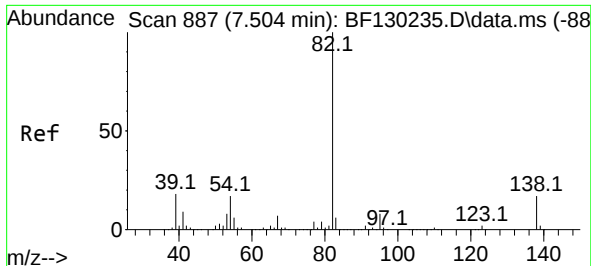
Delta R.T. -0.006 min

Lab File: BF130246.D

Acq: 14 Sep 2022 18:35

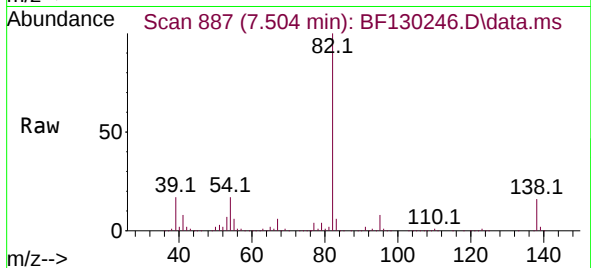
Tgt Ion: 77 Resp: 363452
 Ion Ratio Lower Upper
 77 100
 123 42.1 34.3 51.5
 65 14.5 12.0 18.0





#25
Isophorone
Concen: 50.475 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

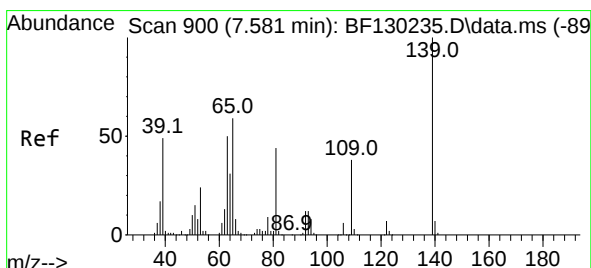
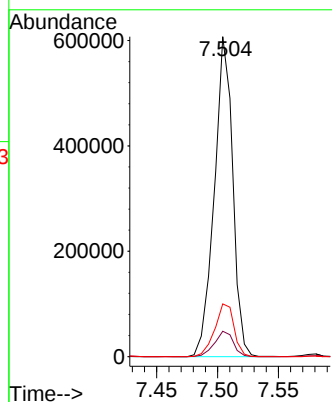
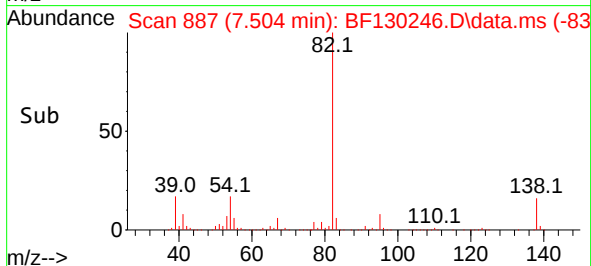
Instrument :
BNA_F
Client SampleId :
CHERRY-HILL-COMP-1MSD



Tgt Ion: 82 Resp: 638922
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 16.5 13.8 20.6

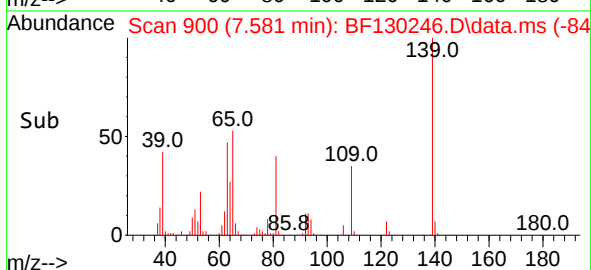
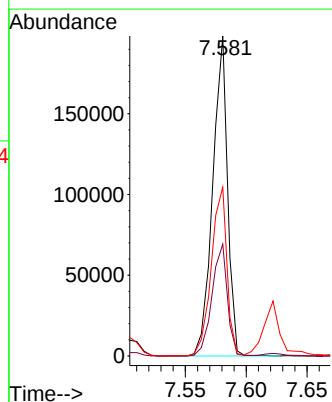
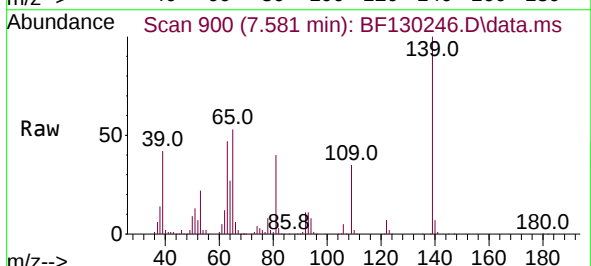
Manual Integrations
APPROVED

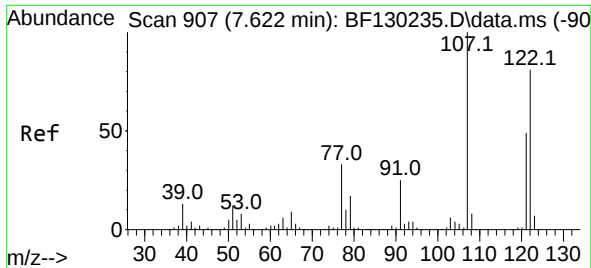
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#26
2-Nitrophenol
Concen: 51.438 ng
RT: 7.581 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

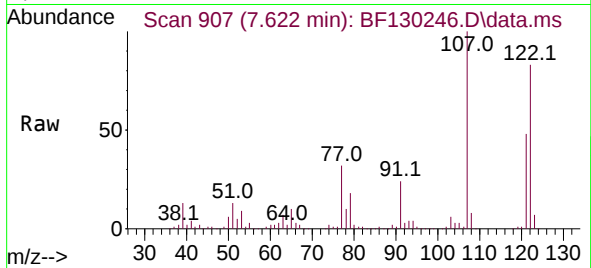
Tgt Ion:139 Resp: 168151
Ion Ratio Lower Upper
139 100
109 34.9 30.2 45.4
65 52.7 48.9 73.3





#27
2,4-Dimethylphenol
Concen: 54.943 ng
RT: 7.622 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

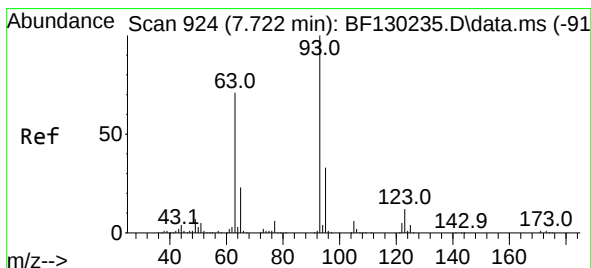
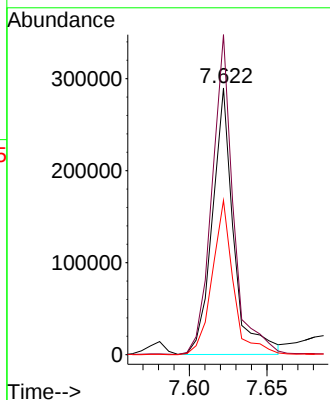
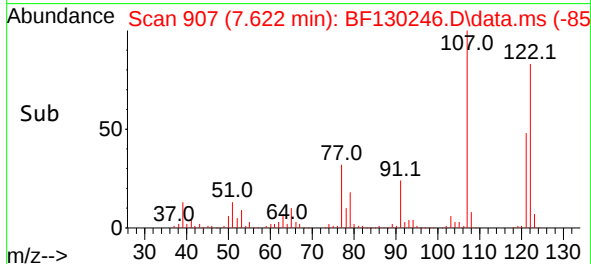
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



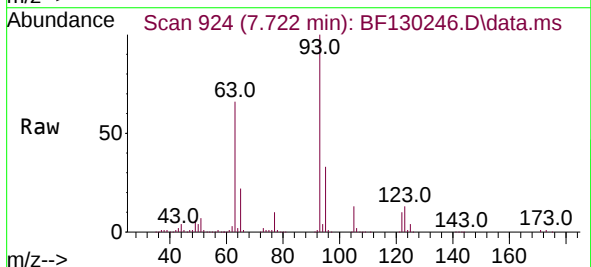
Tgt Ion:122 Resp: 276548
Ion Ratio Lower Upper
122 100
107 120.0 100.2 150.2
121 57.8 47.8 71.8

Manual Integrations
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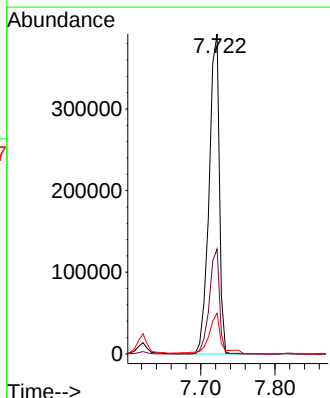
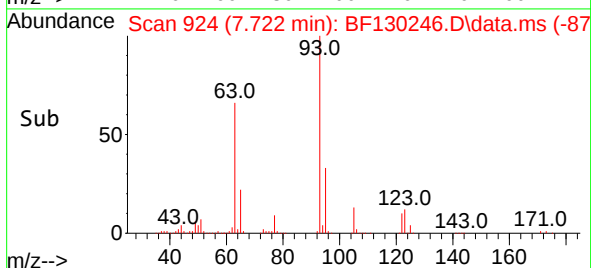
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

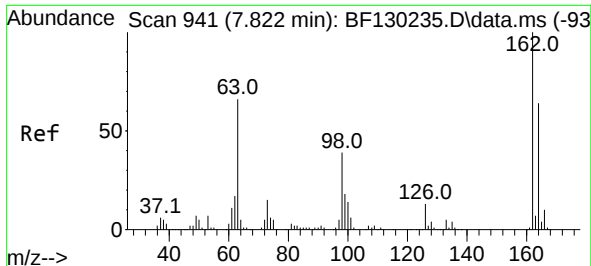


#28
bis(2-Chloroethoxy)methane
Concen: 52.786 ng
RT: 7.722 min Scan# 924
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



Tgt Ion: 93 Resp: 376240
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 12.7 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 47.686 ng

RT: 7.822 min Scan# 941

Delta R.T. 0.000 min

Lab File: BF130246.D

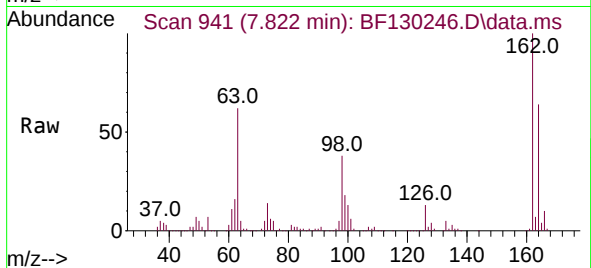
Acq: 14 Sep 2022 18:35

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-1MSD

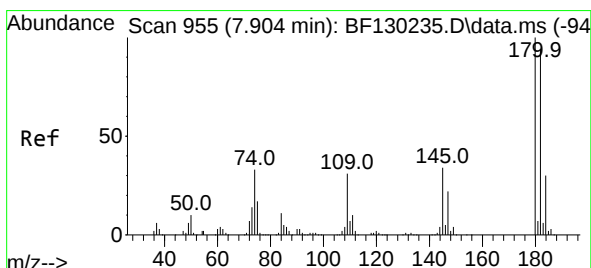
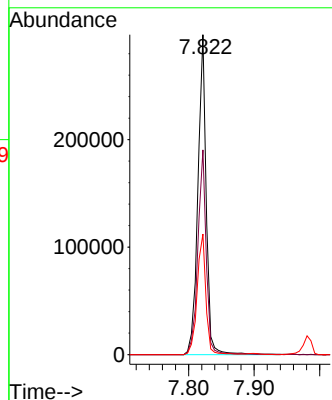
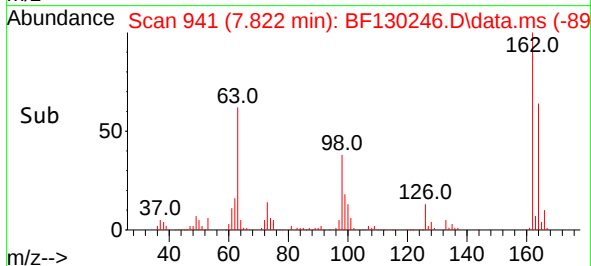


Tgt Ion:	162	Resp:	263024
Ion Ratio	Lower	Upper	
162	100		
164	64.0	42.2	82.2
98	37.7	21.7	61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.543 ng

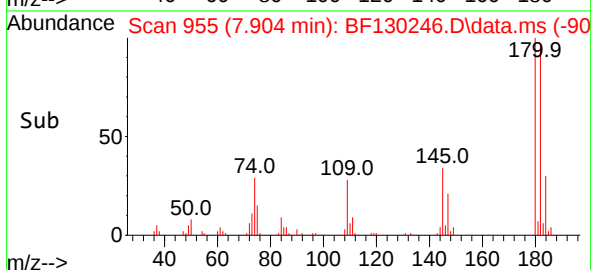
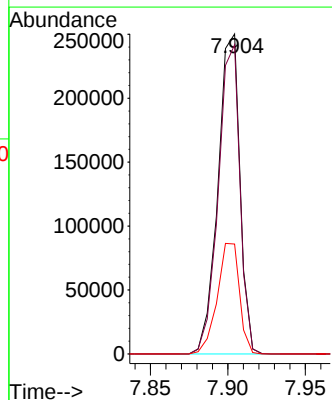
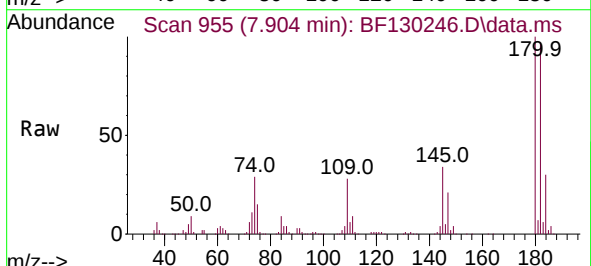
RT: 7.904 min Scan# 955

Delta R.T. 0.000 min

Lab File: BF130246.D

Acq: 14 Sep 2022 18:35

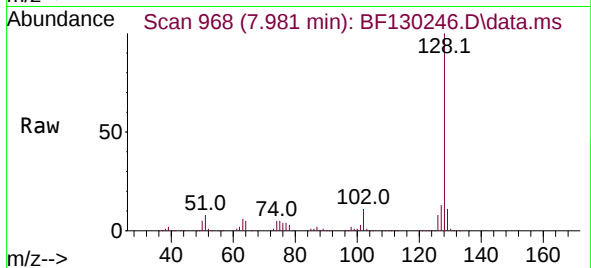
Tgt Ion:	180	Resp:	247740
Ion Ratio	Lower	Upper	
180	100		
182	96.6	73.3	109.9
145	34.3	28.3	42.5





#31
Naphthalene
Concen: 42.673 ng
RT: 7.981 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

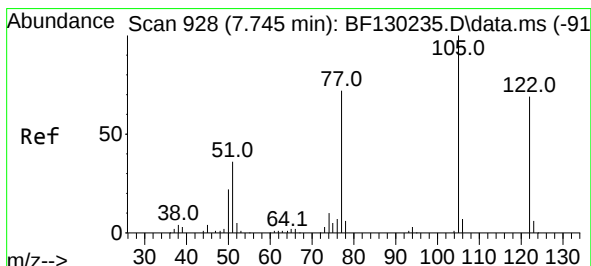
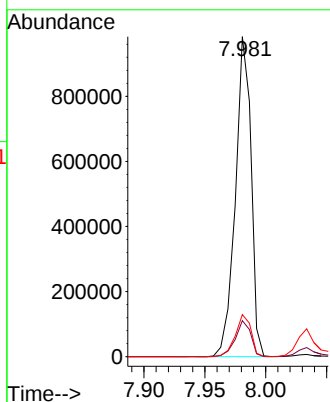
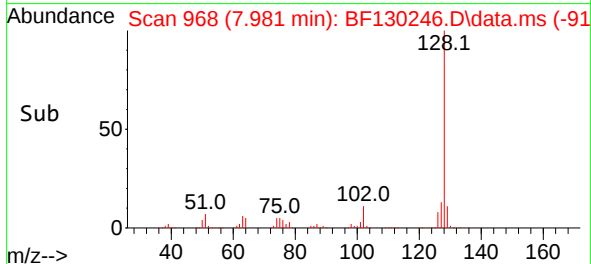
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



Tgt Ion:128 Resp: 882084
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.1 10.6 16.0

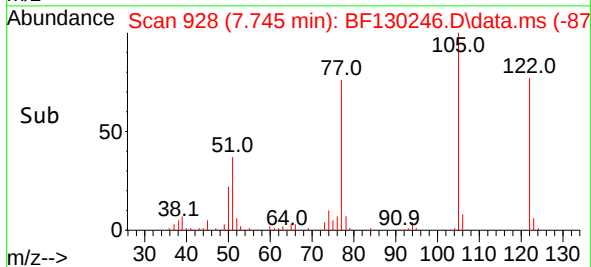
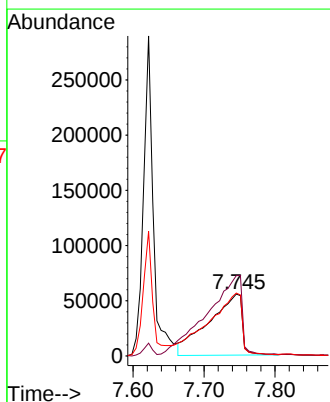
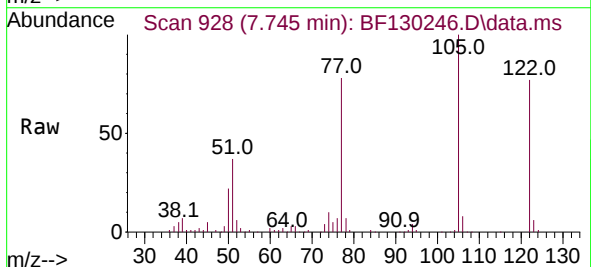
Manual Integrations
APPROVED

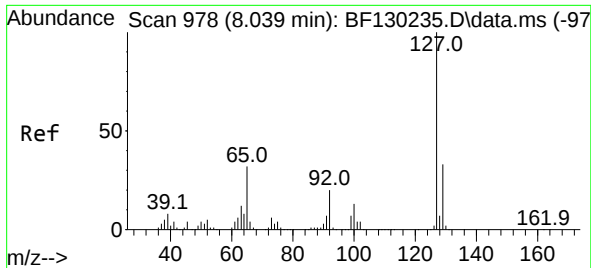
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#32
Benzoic acid
Concen: 46.498 ng
RT: 7.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

Tgt Ion:122 Resp: 180991
Ion Ratio Lower Upper
122 100
105 129.8 112.9 152.9
77 101.5 82.8 122.8





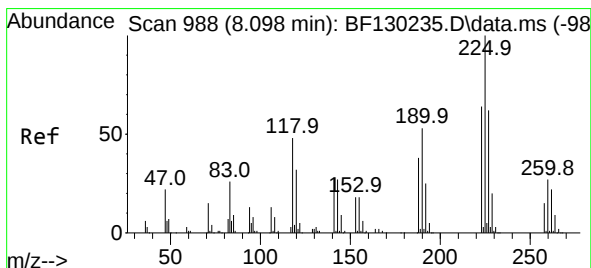
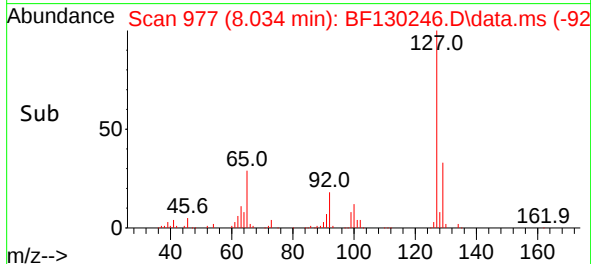
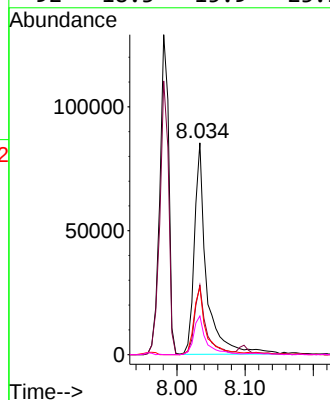
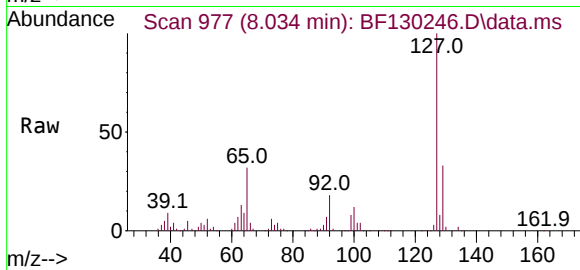
#33
4-Chloroaniline
Concen: 13.446 ng
RT: 8.034 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD

Tgt Ion:	127	Resp:	105708
Ion Ratio	Lower	Upper	
127	100		
129	32.8	25.6	38.4
65	31.9	27.0	40.6
92	18.3	15.9	23.9

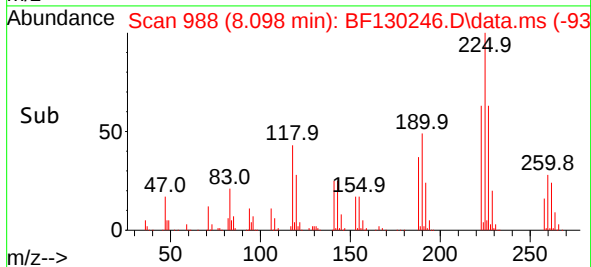
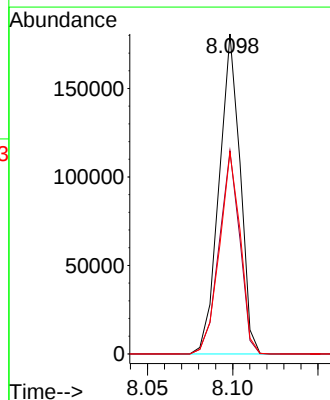
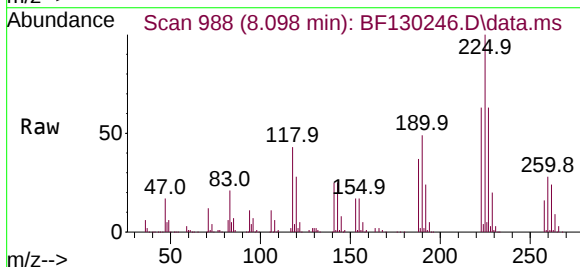
Manual Integrations
APPROVED

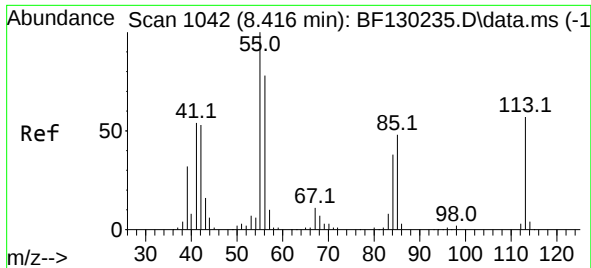
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#34
Hexachlorobutadiene
Concen: 40.535 ng
RT: 8.098 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

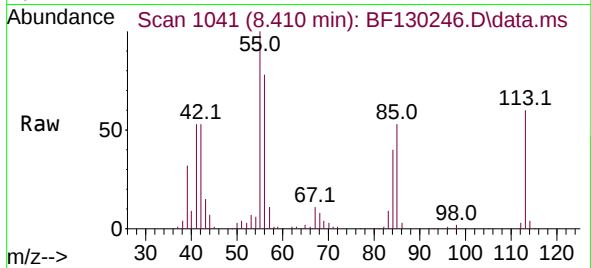
Tgt Ion:	225	Resp:	154485
Ion Ratio	Lower	Upper	
225	100		
223	63.4	50.3	75.5
227	62.9	51.1	76.7





#35
 Caprolactam
 Concen: 41.946 ng m
 RT: 8.410 min Scan# 1041
 Delta R.T. -0.006 min
 Lab File: BF130246.D
 Acq: 14 Sep 2022 18:35

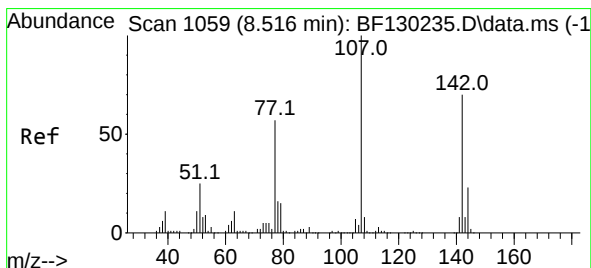
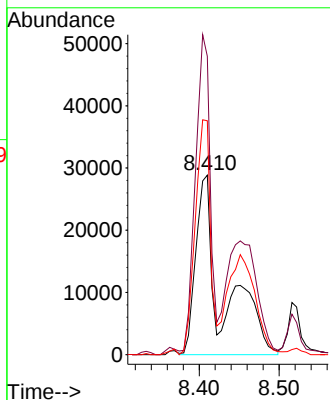
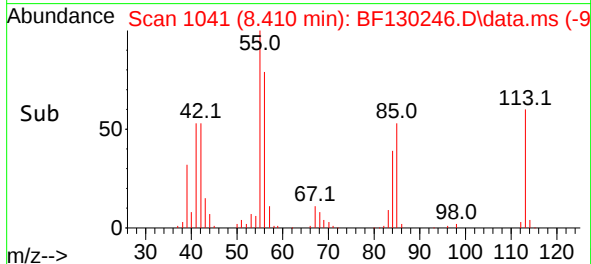
Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-1MSD



Tgt Ion:113 Resp: 66328
 Ion Ratio Lower Upper
 113 100
 55 166.3 155.4 195.4
 56 130.3 120.4 160.4

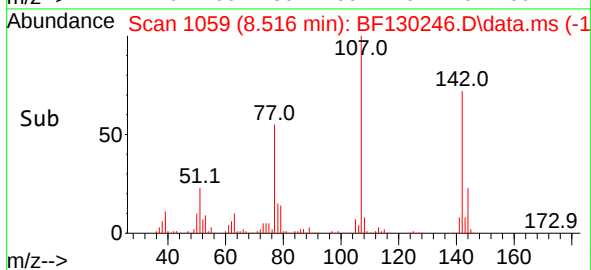
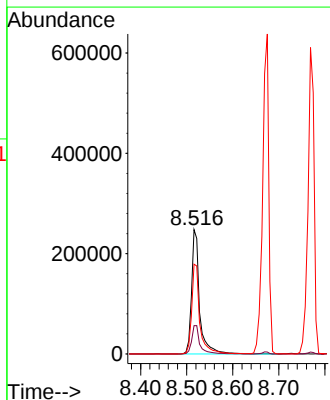
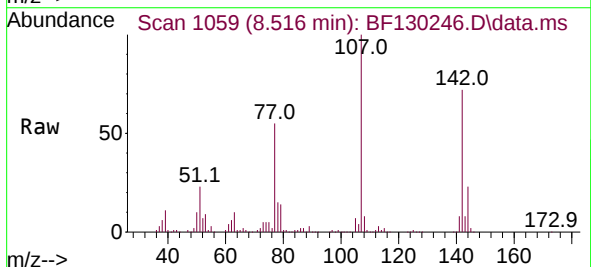
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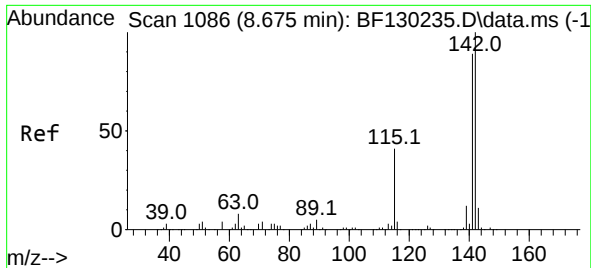
Reviewed By :Christian Giraldo 09/15/2022
 Supervised By :Jagrut Upadhyay 09/15/2022



#36
 4-Chloro-3-methylphenol
 Concen: 48.811 ng
 RT: 8.516 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: BF130246.D
 Acq: 14 Sep 2022 18:35

Tgt Ion:107 Resp: 298423
 Ion Ratio Lower Upper
 107 100
 144 22.8 20.0 30.0
 142 72.1 61.3 91.9





#37

2-Methylnaphthalene

Concen: 45.080 ng

RT: 8.675 min Scan# 1086

Delta R.T. 0.000 min

Lab File: BF130246.D

Acq: 14 Sep 2022 18:35

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-1MSD

Tgt Ion:142 Resp: 594126

Ion Ratio Lower Upper

142 100

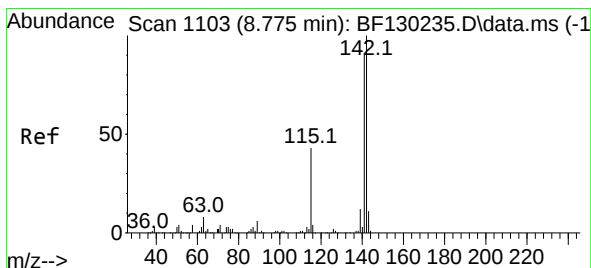
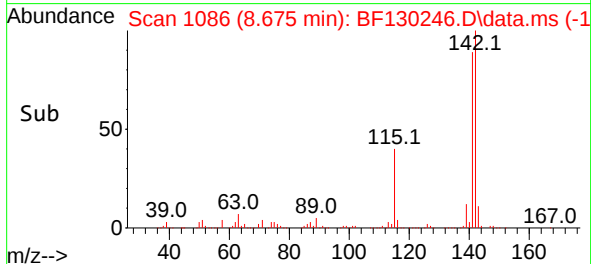
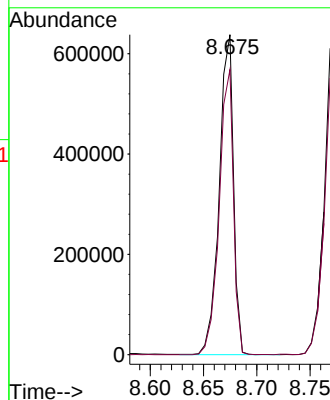
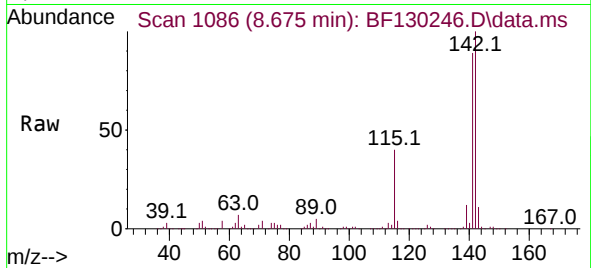
141 89.1 70.0 105.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/15/2022

Supervised By :Jagrut Upadhyay 09/15/2022



#38

1-Methylnaphthalene

Concen: 44.797 ng

RT: 8.769 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BF130246.D

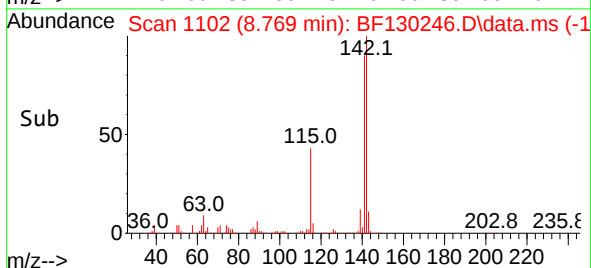
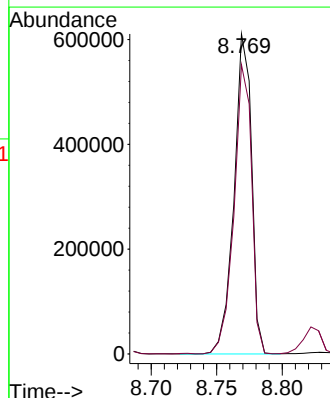
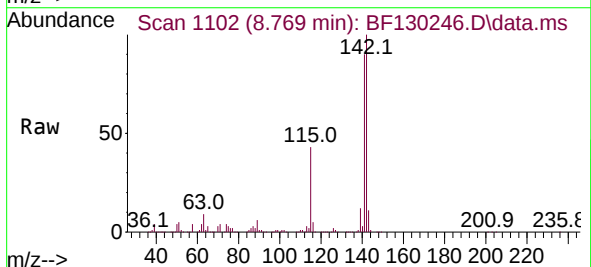
Acq: 14 Sep 2022 18:35

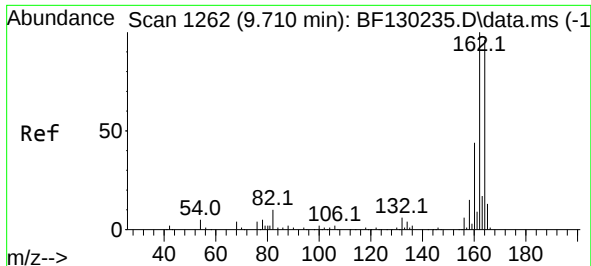
Tgt Ion:142 Resp: 567166

Ion Ratio Lower Upper

142 100

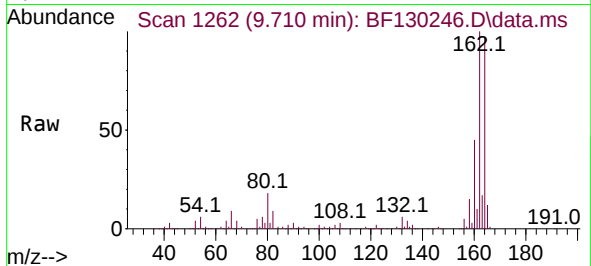
141 90.3 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.710 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

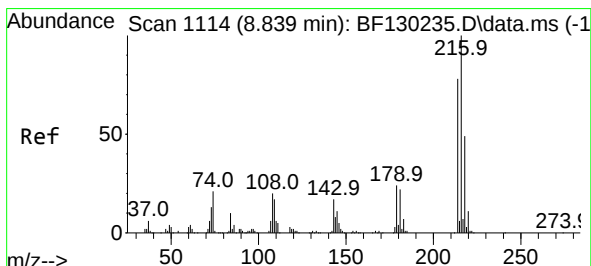
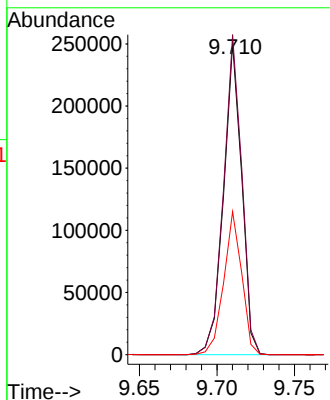
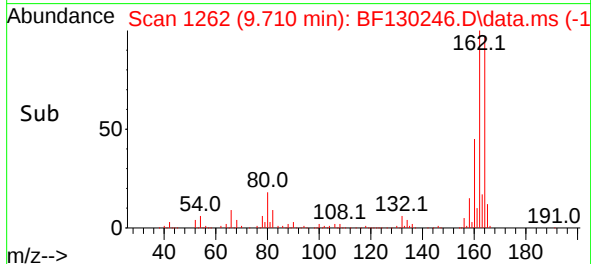
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



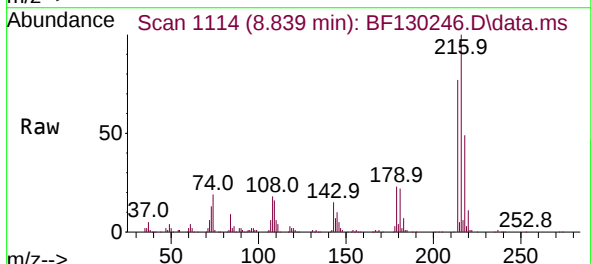
Tgt Ion:164 Resp: 203549
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 45.9 36.2 54.4

Manual Integrations
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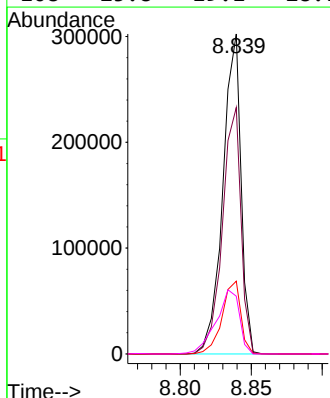
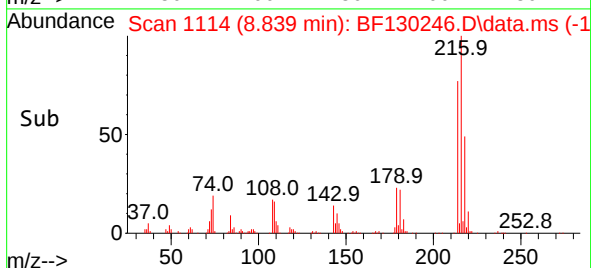
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.506 ng
RT: 8.839 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



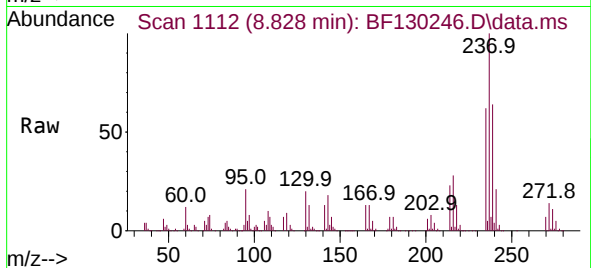
Tgt Ion:216 Resp: 269447
Ion Ratio Lower Upper
216 100
214 78.7 62.8 94.2
179 23.4 19.5 29.3
108 25.8 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 114.652 ng
RT: 8.828 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

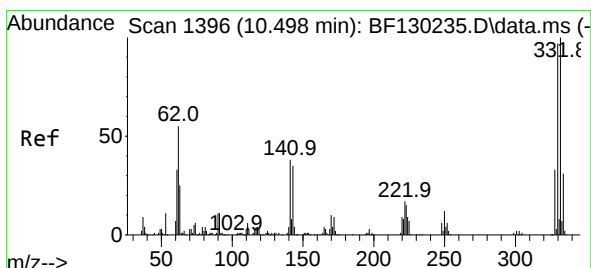
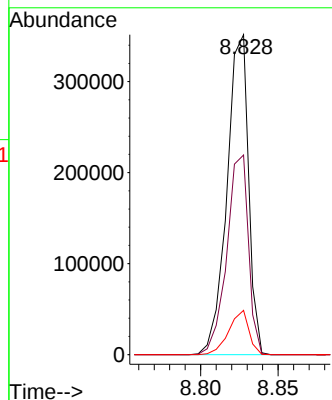
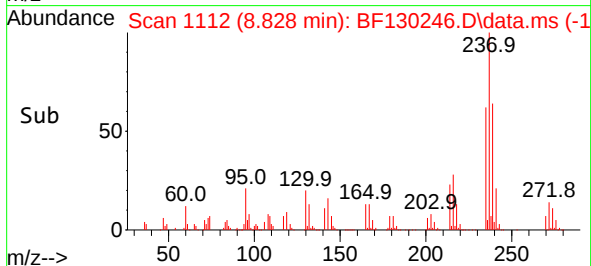
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



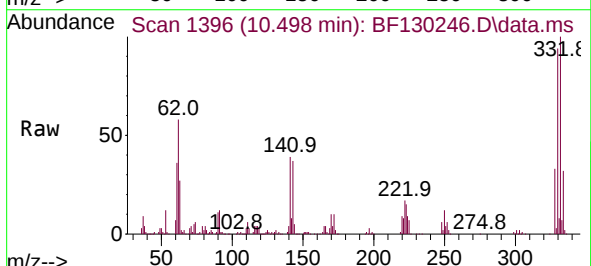
Tgt Ion: 237 Resp: 340982
Ion Ratio Lower Upper
237 100
235 62.4 42.5 82.5
272 13.8 0.0 32.8

Manual Integrations
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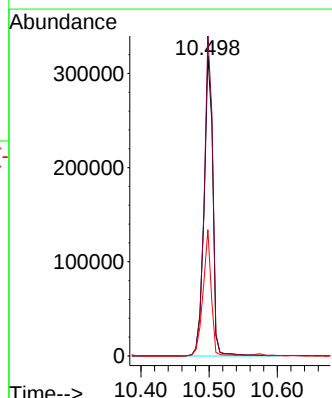
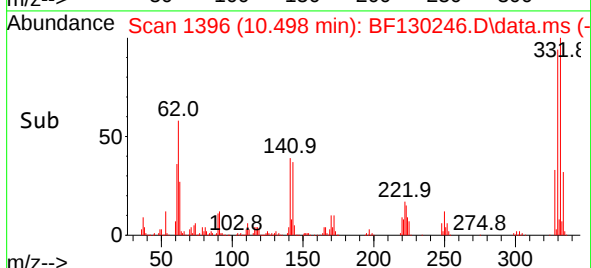
Reviewed By : Christian Giraldo 09/15/2022
Supervised By : Jagrut Upadhyay 09/15/2022

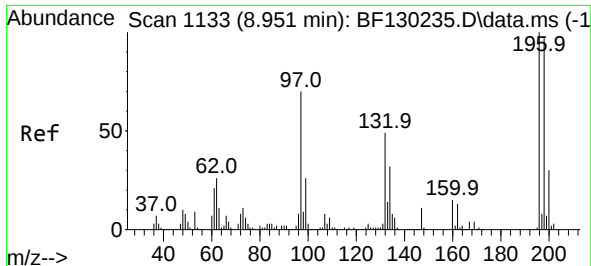


#42
2,4,6-Tribromophenol
Concen: 146.666 ng
RT: 10.498 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



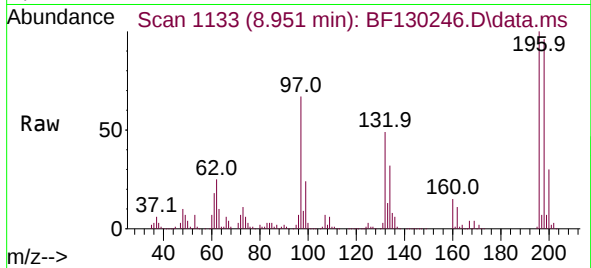
Tgt Ion: 330 Resp: 286056
Ion Ratio Lower Upper
330 100
332 104.0 83.4 125.2
141 39.2 34.0 51.0





#43
2,4,6-Trichlorophenol
Concen: 47.747 ng
RT: 8.951 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

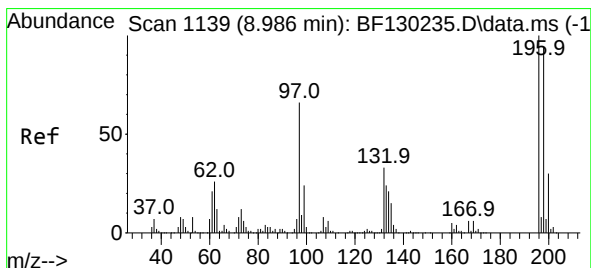
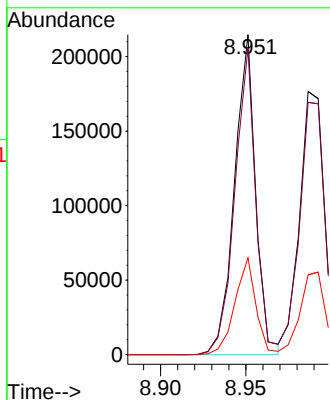
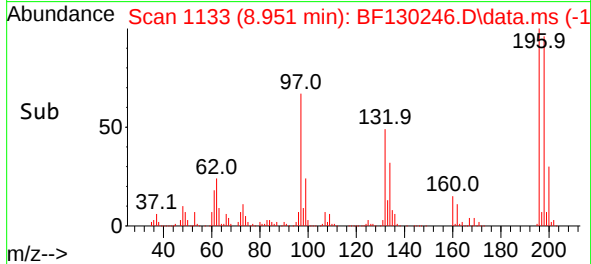
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



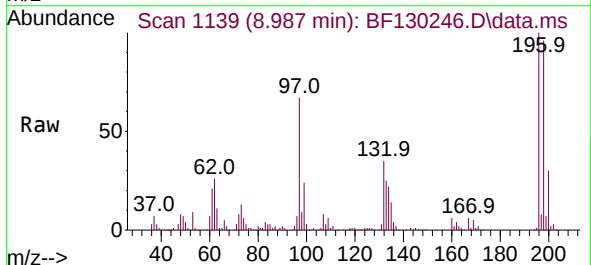
Tgt Ion:196 Resp: 185109
Ion Ratio Lower Upper
196 100
198 95.8 72.4 108.6
200 30.2 23.8 35.6

Manual Integrations
APPROVED

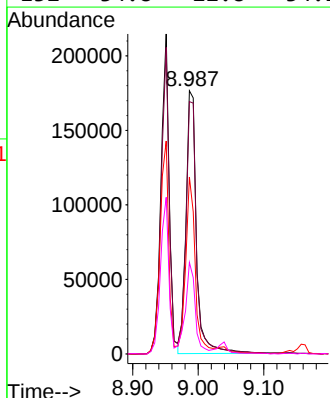
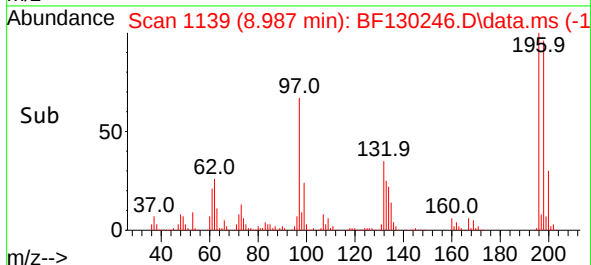
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

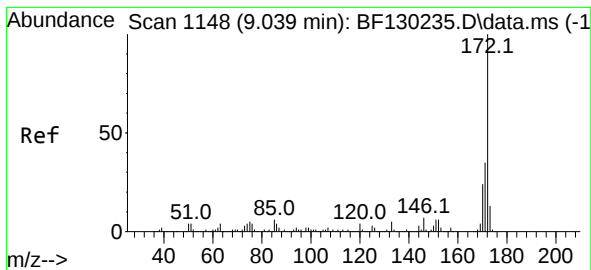


#44
2,4,5-Trichlorophenol
Concen: 47.396 ng
RT: 8.987 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



Tgt Ion:196 Resp: 198285
Ion Ratio Lower Upper
196 100
198 95.9 74.8 112.2
97 67.3 43.7 65.5#
132 34.8 22.8 34.2#





#45

2-Fluorobiphenyl

Concen: 82.871 ng

RT: 9.039 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF130246.D

Acq: 14 Sep 2022 18:35

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-1MSD

Tgt Ion:172 Resp: 1158386

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

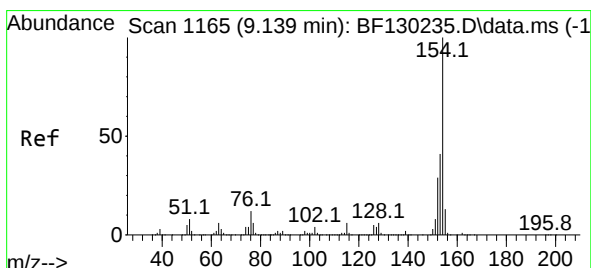
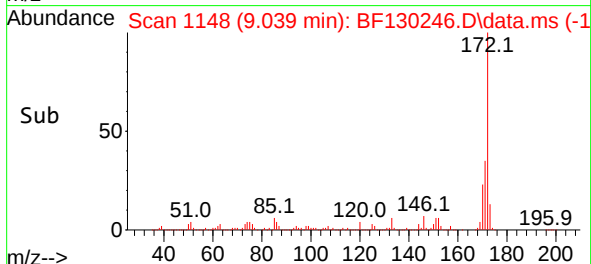
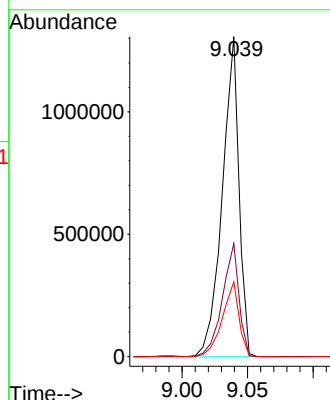
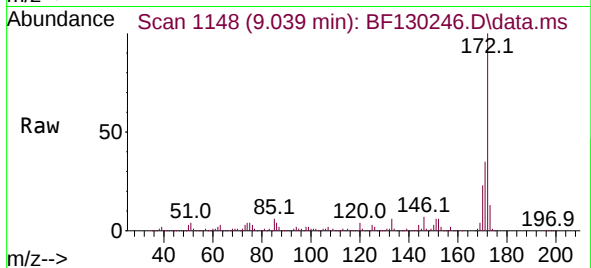
170 23.4 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/15/2022

Supervised By :Jagrut Upadhyay 09/15/2022



#46

1,1'-Biphenyl

Concen: 48.625 ng

RT: 9.139 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF130246.D

Acq: 14 Sep 2022 18:35

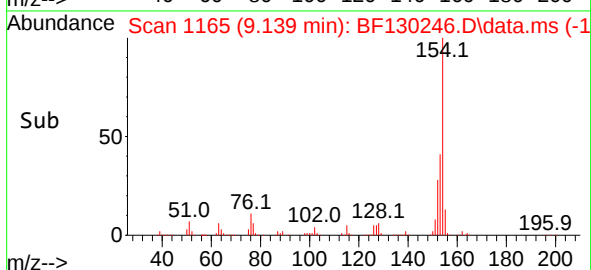
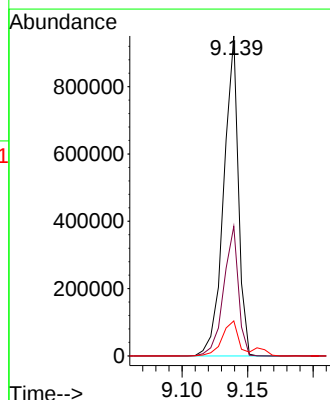
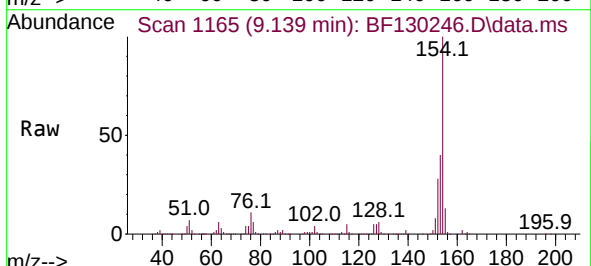
Tgt Ion:154 Resp: 739191

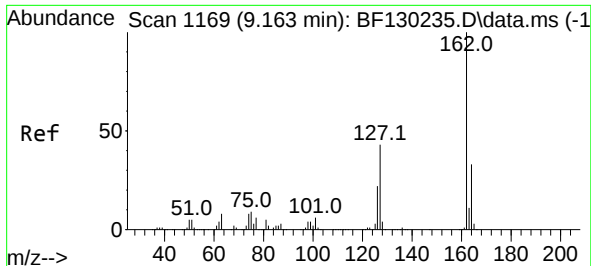
Ion Ratio Lower Upper

154 100

153 40.5 20.0 60.0

76 10.9 0.0 33.3





#47

2-Chloronaphthalene

Concen: 46.219 ng

RT: 9.163 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130246.D

Acq: 14 Sep 2022 18:35

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-1MSD

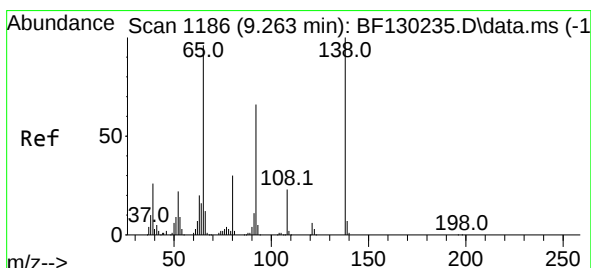
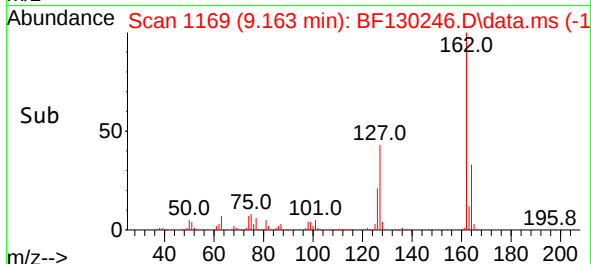
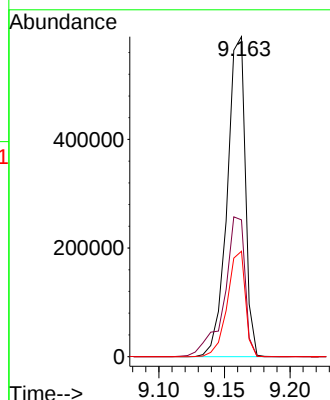
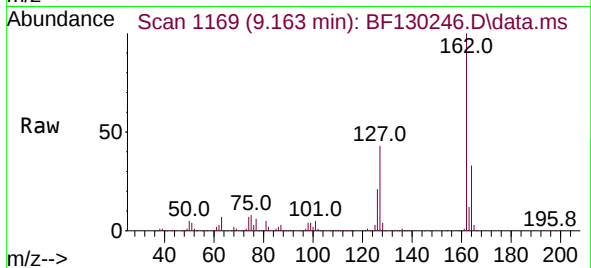
Tgt Ion:162 Resp: 568378
 Ion Ratio Lower Upper
 162 100
 127 42.7 35.9 53.9
 164 32.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/15/2022

Supervised By :Jagrut Upadhyay 09/15/2022



#48

2-Nitroaniline

Concen: 46.434 ng

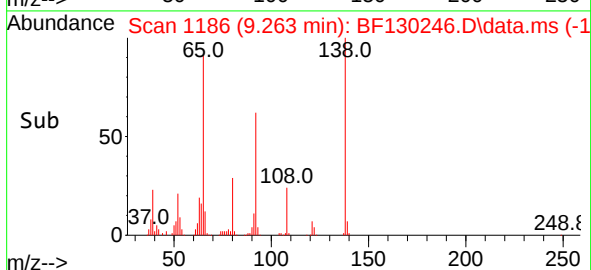
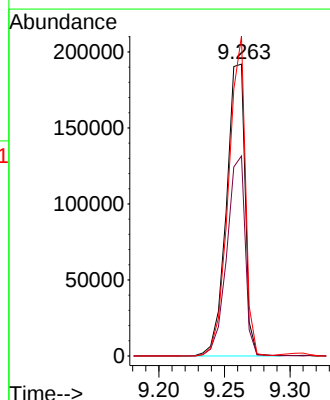
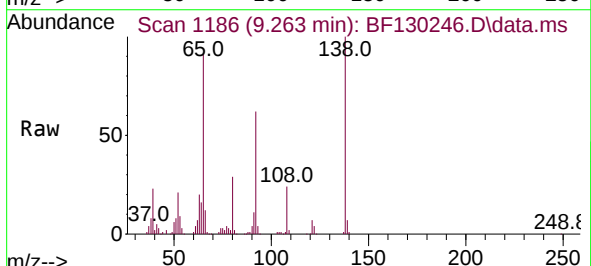
RT: 9.263 min Scan# 1186

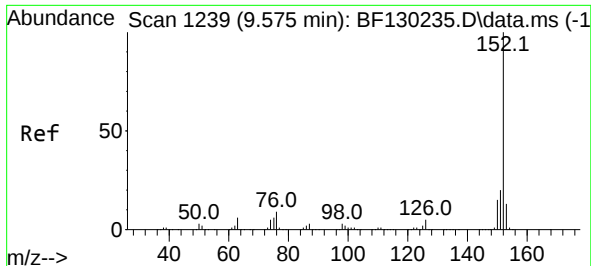
Delta R.T. 0.000 min

Lab File: BF130246.D

Acq: 14 Sep 2022 18:35

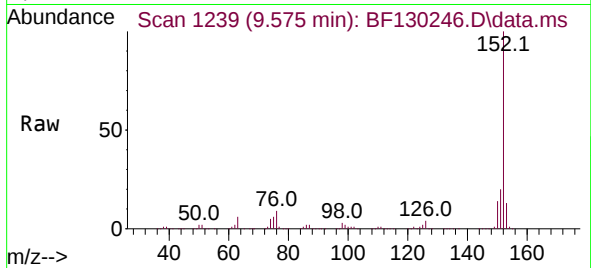
Tgt Ion: 65 Resp: 190454
 Ion Ratio Lower Upper
 65 100
 92 68.5 52.2 78.4
 138 109.7 77.0 115.4





#49
Acenaphthylene
Concen: 46.626 ng
RT: 9.575 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

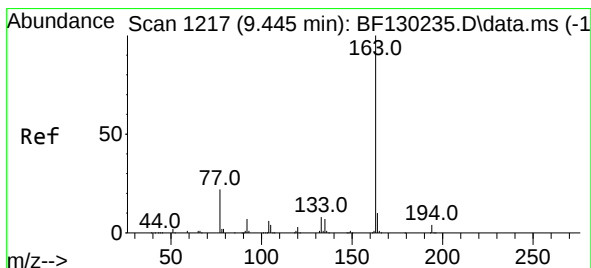
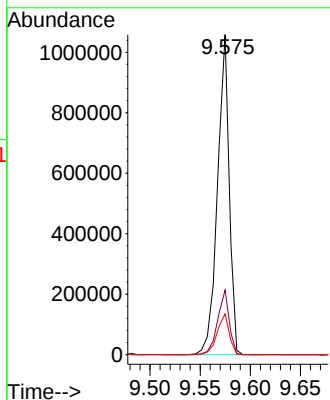
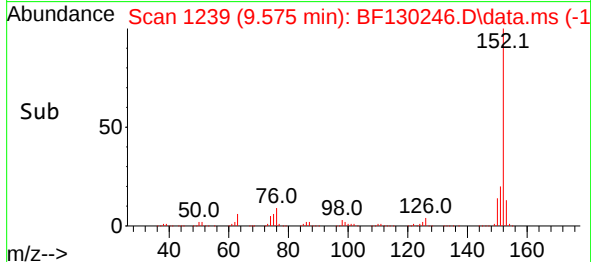
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



Tgt Ion:152 Resp: 859695
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 12.7 10.6 15.8

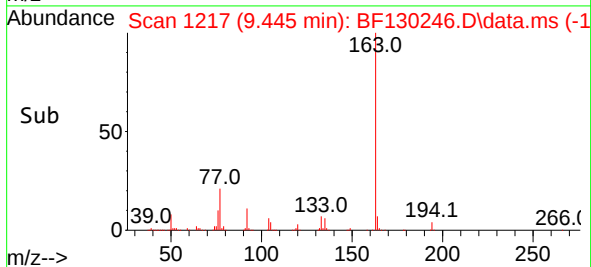
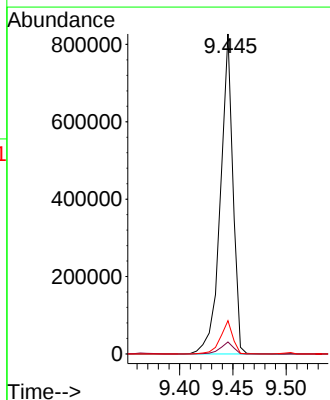
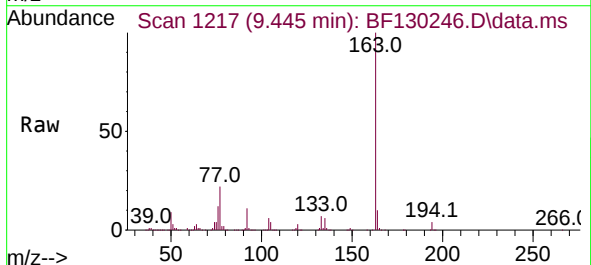
Manual Integrations
APPROVED

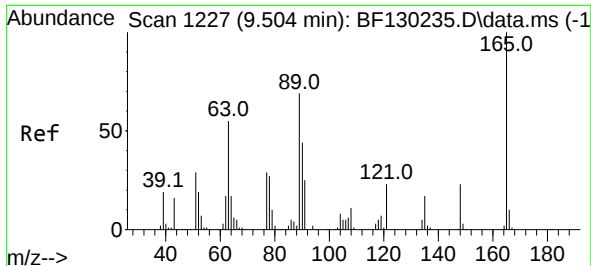
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#50
Dimethylphthalate
Concen: 48.067 ng
RT: 9.445 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

Tgt Ion:163 Resp: 675838
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 49.829 ng

RT: 9.504 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF130246.D

Acq: 14 Sep 2022 18:35

Instrument :

BNA_F

ClientSampleId :

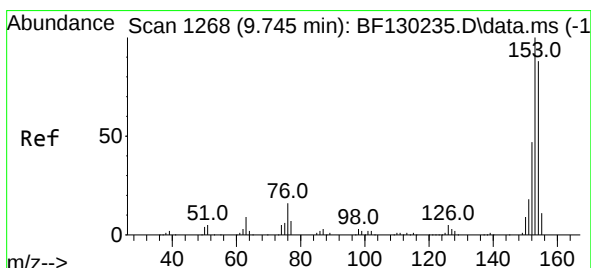
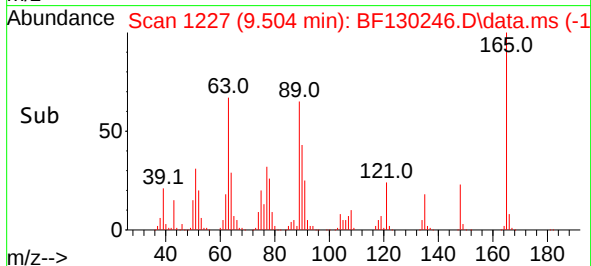
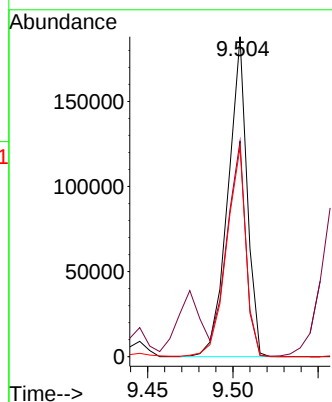
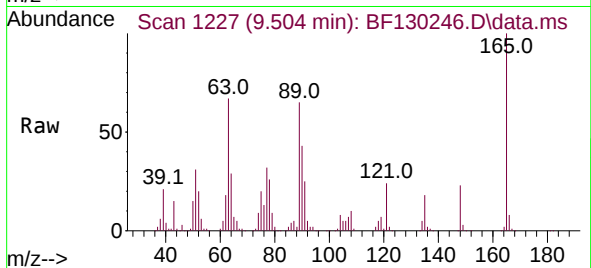
CHERRY-HILL-COMP-1MSD

Tgt Ion:	165	Resp:	146523
Ion Ratio	Lower	Upper	
165	100		
63	67.3	58.8	88.2
89	65.5	54.5	81.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#52

Acenaphthene

Concen: 52.505 ng m

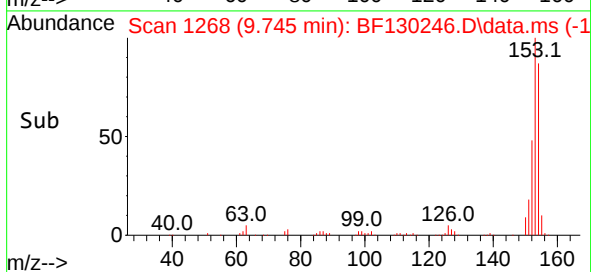
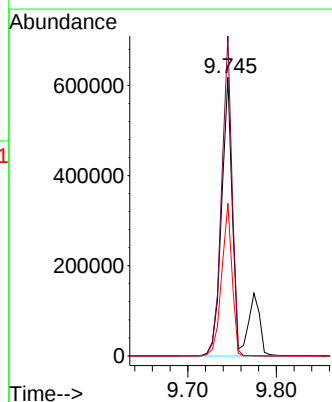
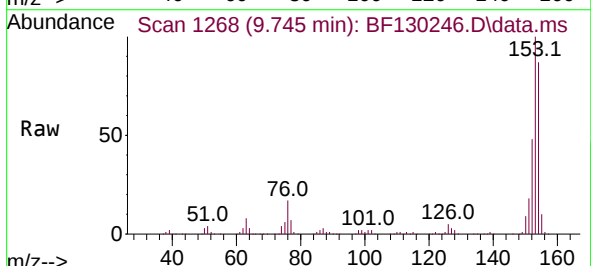
RT: 9.745 min Scan# 1268

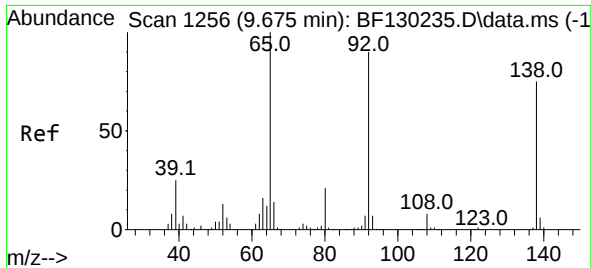
Delta R.T. 0.000 min

Lab File: BF130246.D

Acq: 14 Sep 2022 18:35

Tgt Ion:	154	Resp:	636067
Ion Ratio	Lower	Upper	
154	100		
153	114.9	90.6	136.0
152	54.8	43.8	65.6





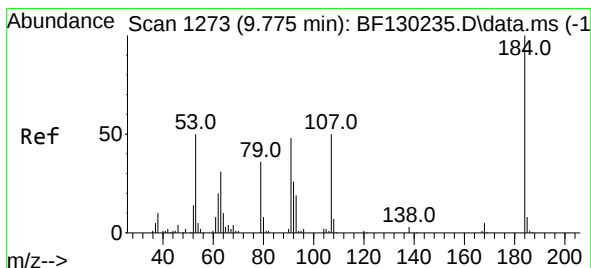
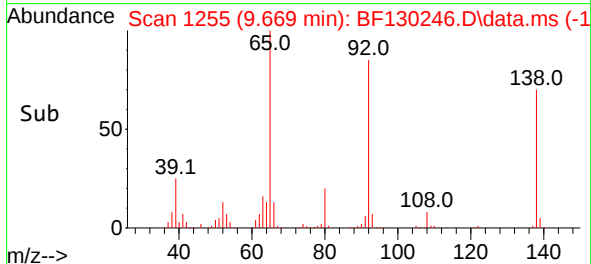
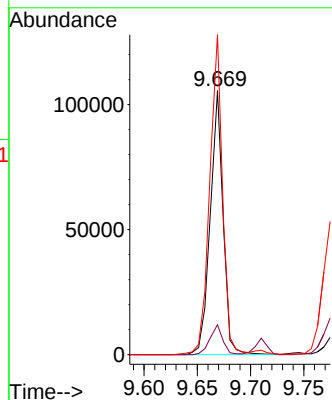
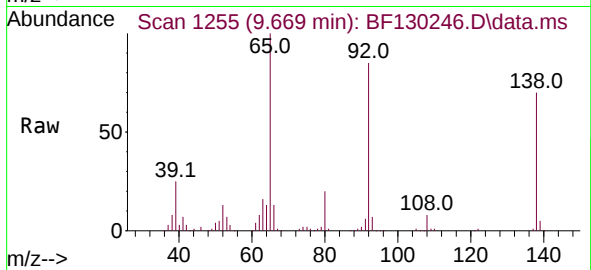
#53
3-Nitroaniline
Concen: 27.080 ng
RT: 9.669 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD

Tgt Ion:138 Resp: 88731
Ion Ratio Lower Upper
138 100
108 11.3 9.2 13.8
92 121.2 99.2 148.8

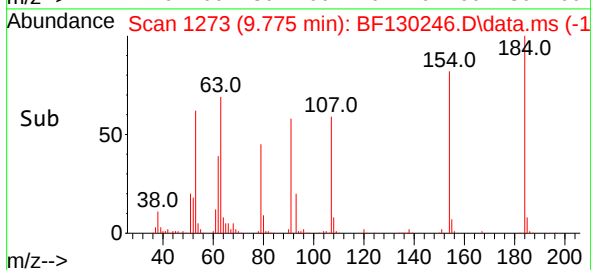
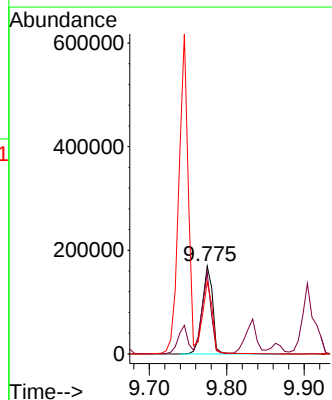
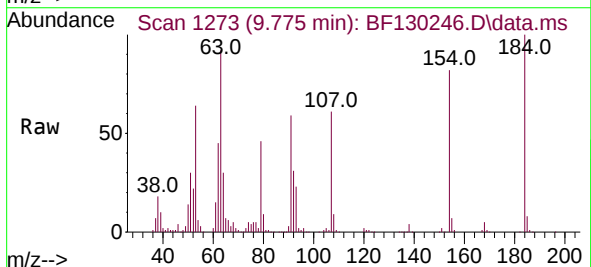
Manual Integrations
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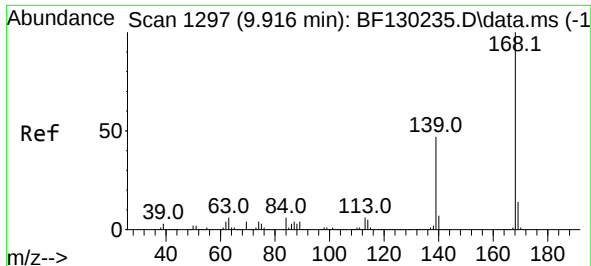
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#54
2,4-Dinitrophenol
Concen: 97.679 ng
RT: 9.775 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

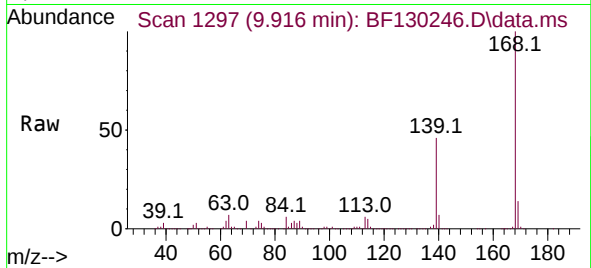
Tgt Ion:184 Resp: 158203
Ion Ratio Lower Upper
184 100
63 92.2 70.0 105.0
154 82.0 63.0 94.6





#55
Dibenzofuran
Concen: 46.081 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

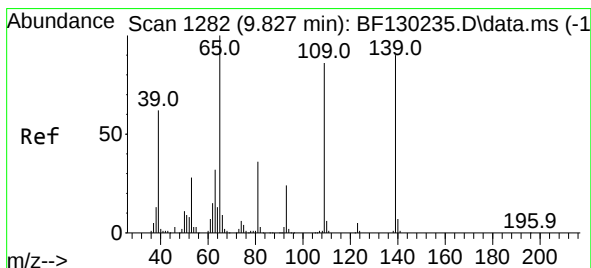
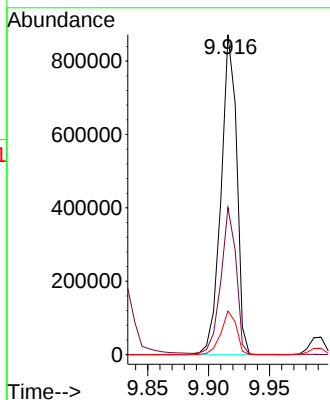
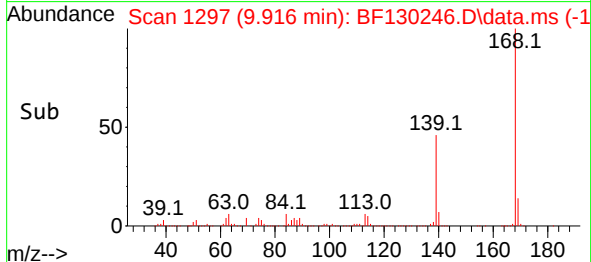
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



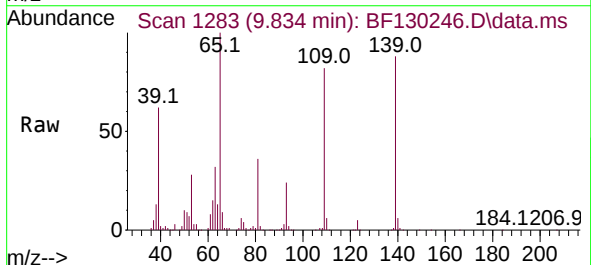
Tgt Ion:168 Resp: 77647
Ion Ratio Lower Upper
168 100
139 46.0 35.0 52.4
169 13.6 10.9 16.3

Manual Integrations
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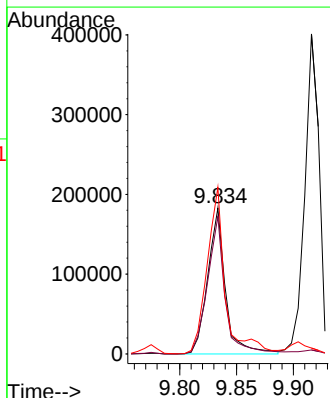
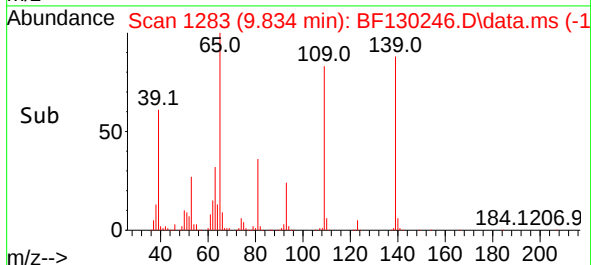
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

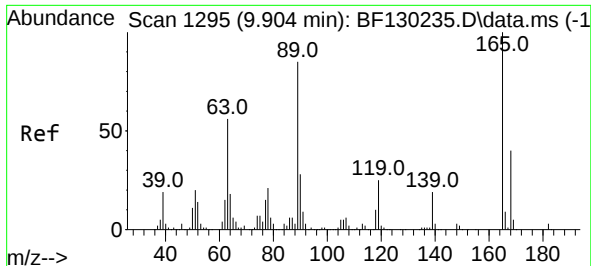


#56
4-Nitrophenol
Concen: 83.698 ng
RT: 9.834 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



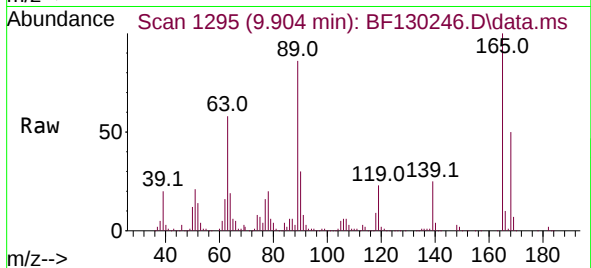
Tgt Ion:139 Resp: 199747
Ion Ratio Lower Upper
139 100
109 94.1 72.2 112.2
65 114.2 97.7 137.7





#57
2,4-Dinitrotoluene
Concen: 50.251 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

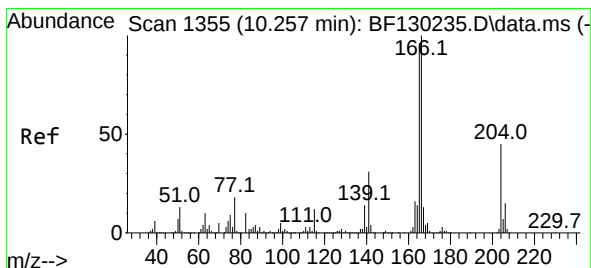
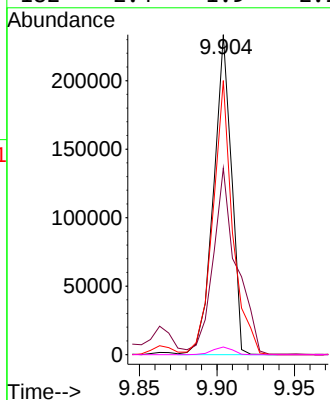
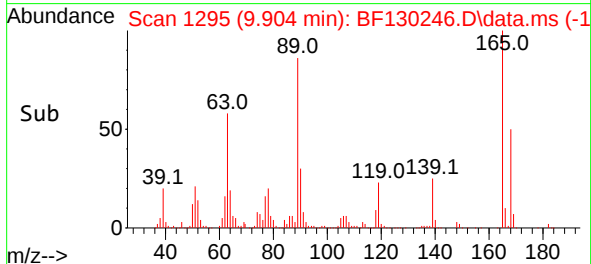
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



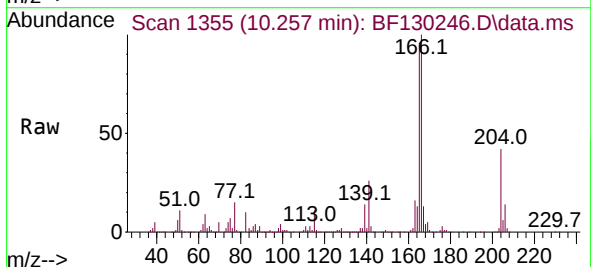
Tgt Ion:165 Resp: 188847
Ion Ratio Lower Upper
165 100
63 58.3 44.7 67.1
89 85.6 69.0 103.4
182 2.4 1.9 2.9

Manual Integrations
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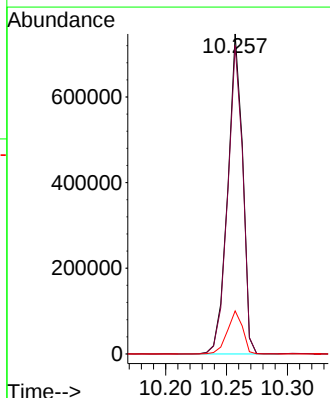
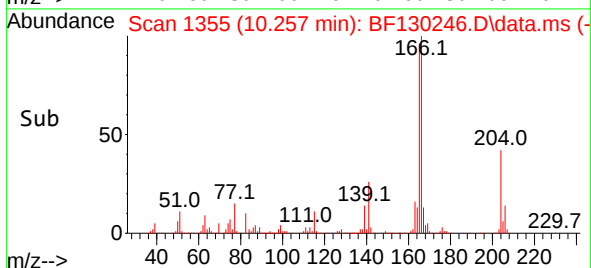
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

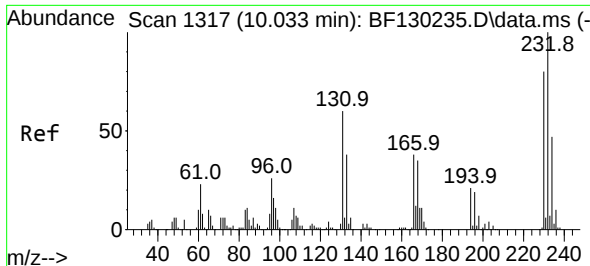


#58
Fluorene
Concen: 46.325 ng
RT: 10.257 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



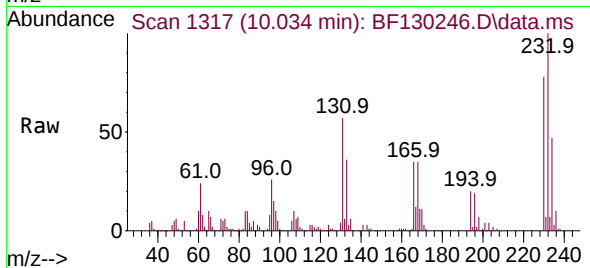
Tgt Ion:166 Resp: 638384
Ion Ratio Lower Upper
166 100
165 96.4 78.8 118.2
167 13.4 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.080 ng
RT: 10.034 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

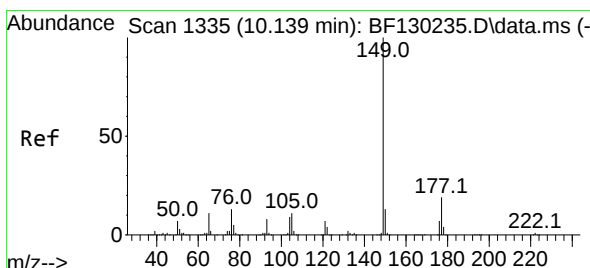
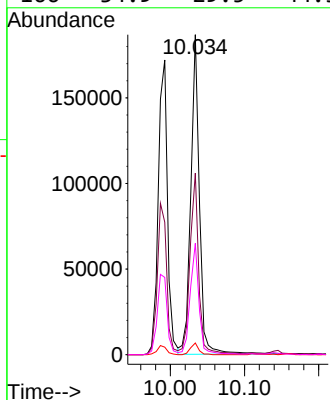
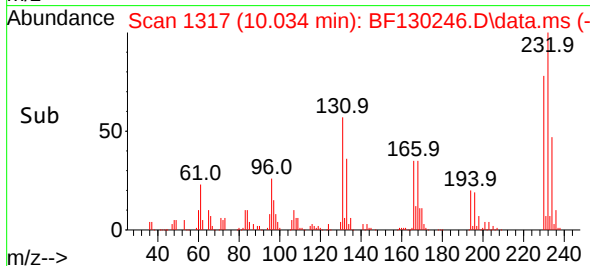
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



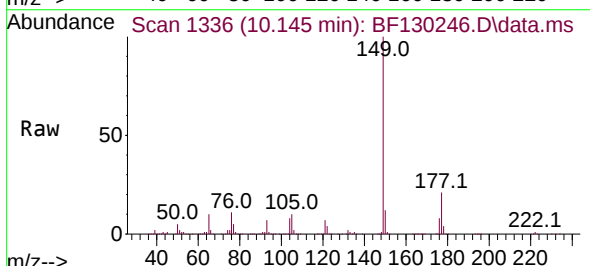
Tgt Ion:232 Resp: 150890
Ion Ratio Lower Upper
232 100
131 56.4 46.4 69.6
130 3.4 2.3 3.5
166 34.9 29.5 44.3

Manual Integrations
APPROVED

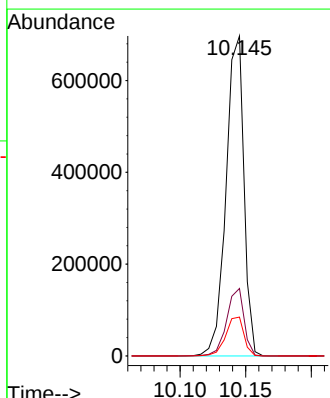
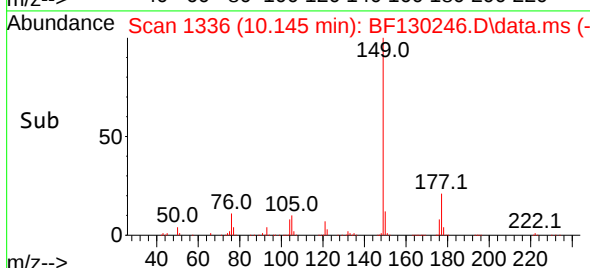
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

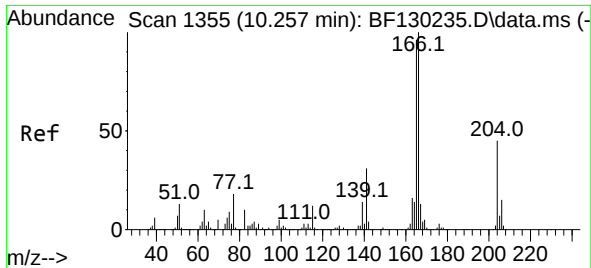


#60
Diethylphthalate
Concen: 46.830 ng
RT: 10.145 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



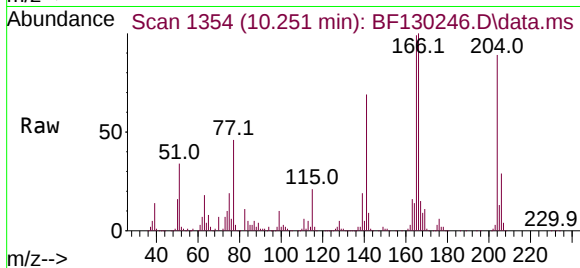
Tgt Ion:149 Resp: 660285
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.1 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 48.658 ng
RT: 10.251 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

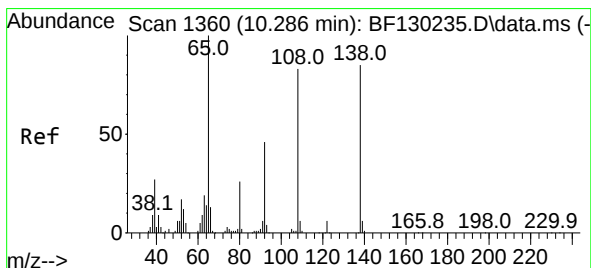
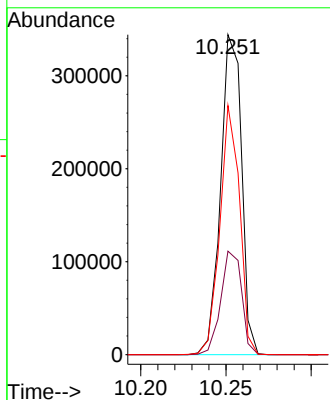
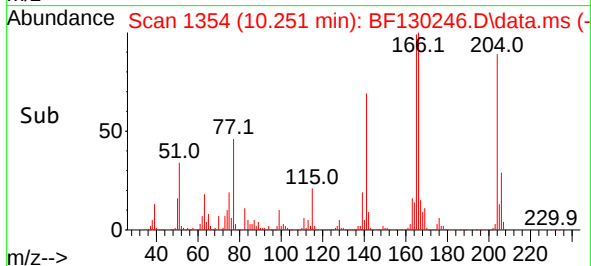
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



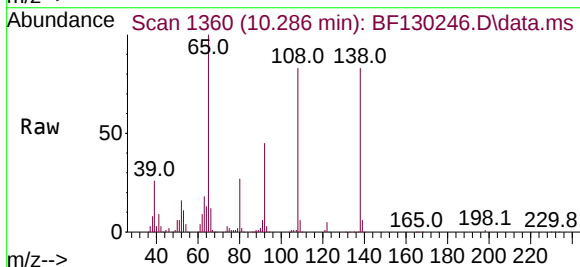
Tgt Ion:204 Resp: 294148
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 77.8 57.1 85.7

Manual Integrations
APPROVED

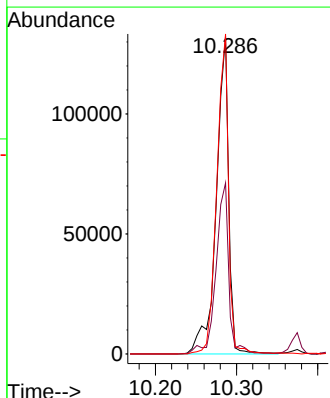
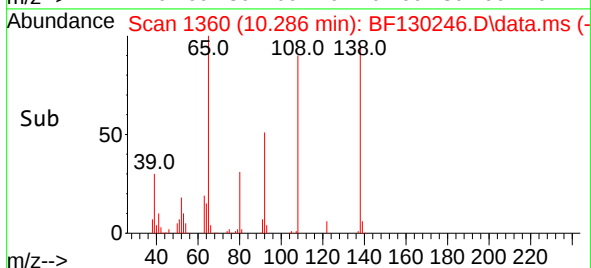
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

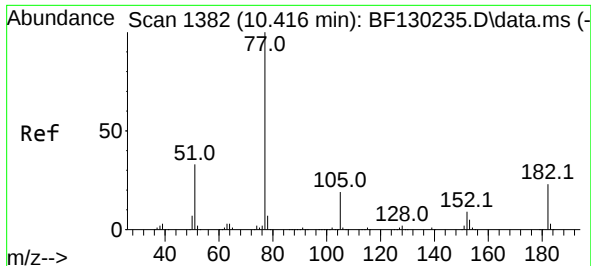


#62
4-Nitroaniline
Concen: 42.631 ng
RT: 10.286 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



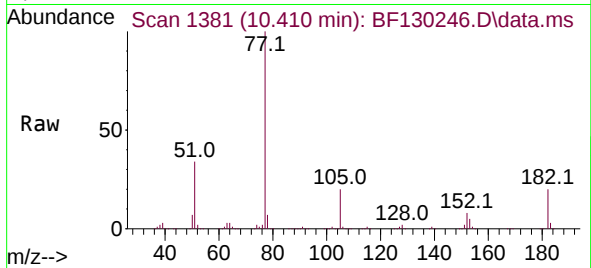
Tgt Ion:138 Resp: 140325
Ion Ratio Lower Upper
138 100
92 53.9 36.7 76.7
108 100.8 78.2 118.2





#63
Azobenzene
Concen: 45.004 ng
RT: 10.410 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

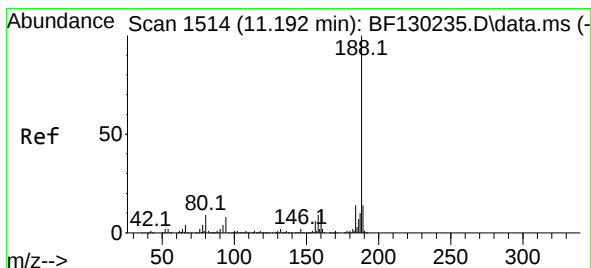
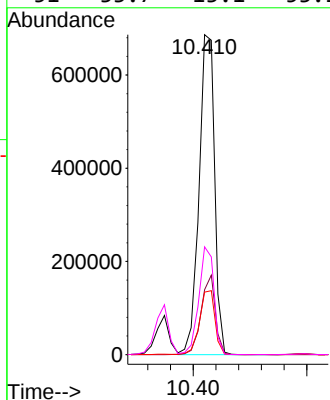
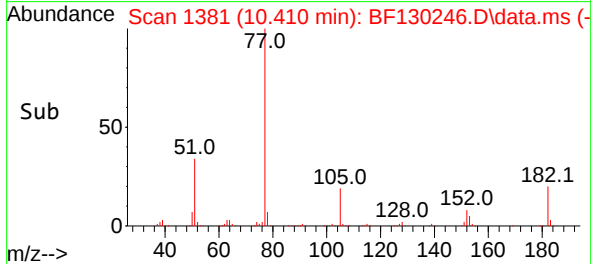
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



Tgt Ion: 77 Resp: 653395
Ion Ratio Lower Upper
77 100
182 20.3 2.1 42.1
105 19.5 0.0 39.4
51 33.7 13.1 53.1

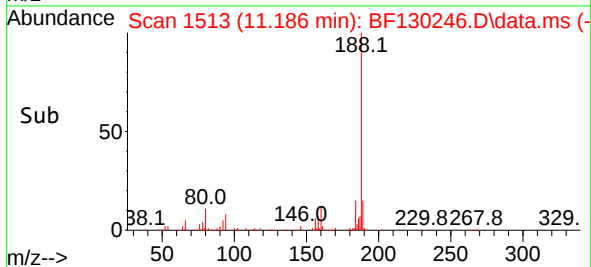
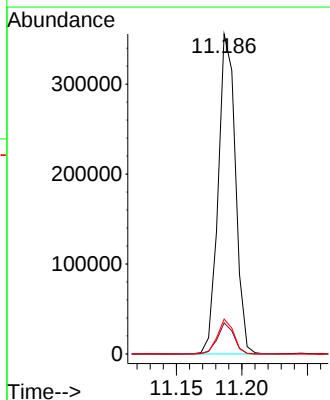
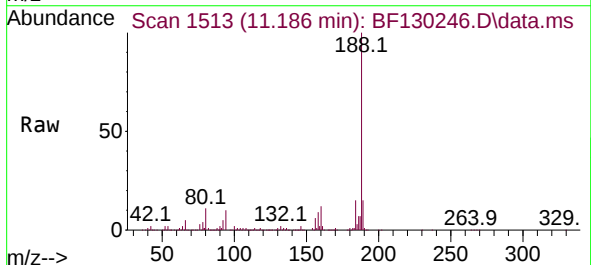
Manual Integrations
APPROVED

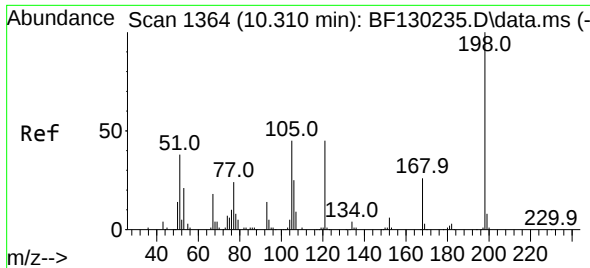
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

Tgt Ion:188 Resp: 326333
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.9 7.9 11.9





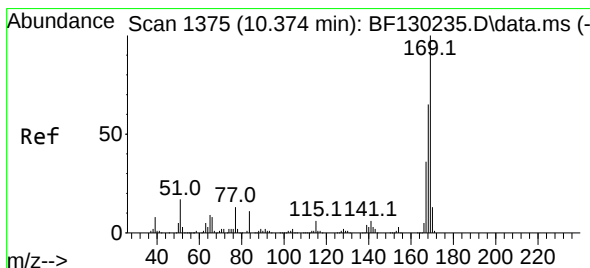
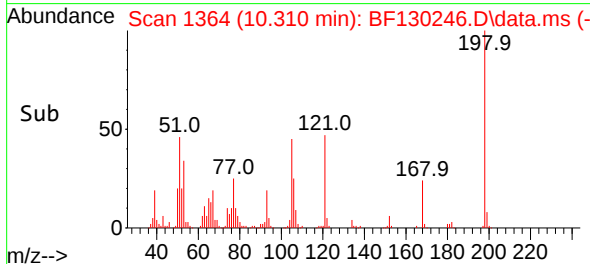
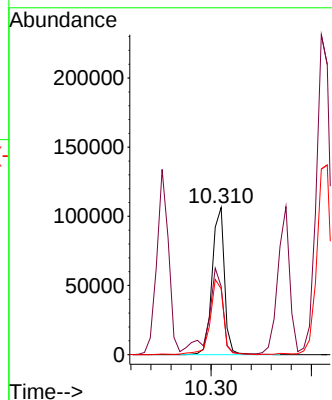
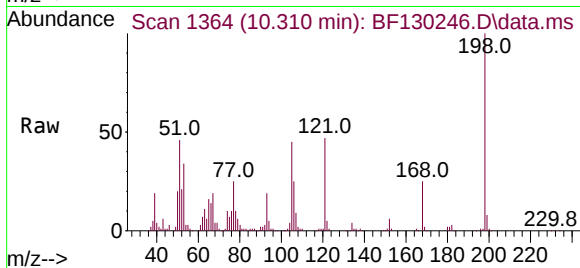
#65
4,6-Dinitro-2-methylphenol
Concen: 49.668 ng
RT: 10.310 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD

Tgt Ion:198 Resp: 90227
Ion Ratio Lower Upper
198 100
51 46.3 36.9 76.9
105 44.7 33.0 73.0

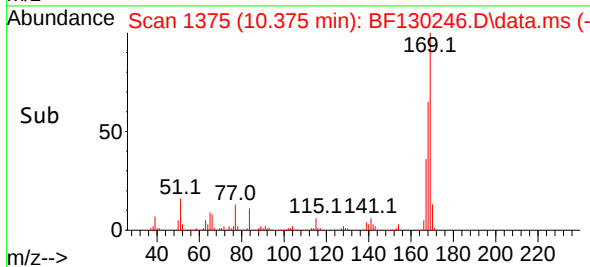
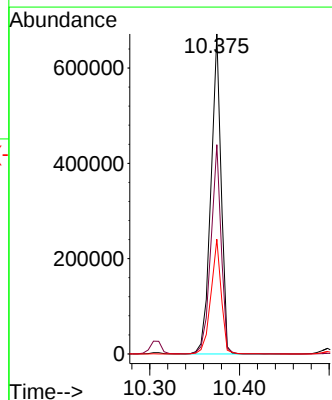
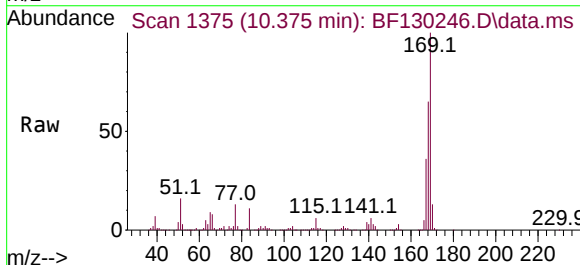
Manual Integrations
APPROVED

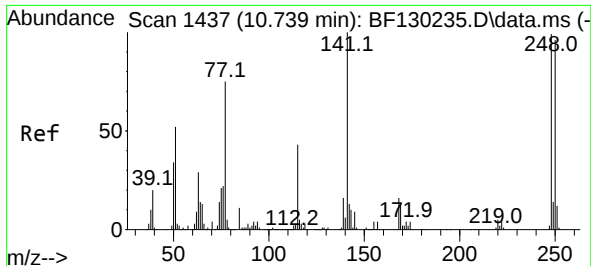
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#66
n-Nitrosodiphenylamine
Concen: 48.811 ng
RT: 10.375 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

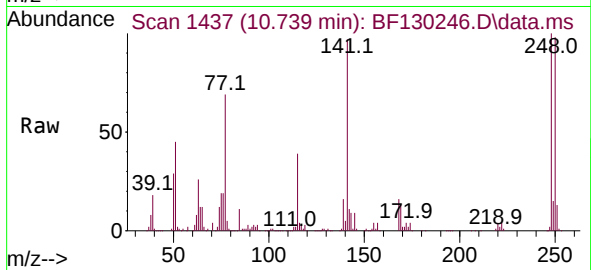
Tgt Ion:169 Resp: 532285
Ion Ratio Lower Upper
169 100
168 65.4 53.2 79.8
167 35.8 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 50.397 ng
RT: 10.739 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

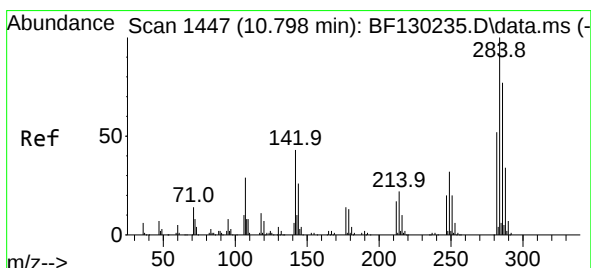
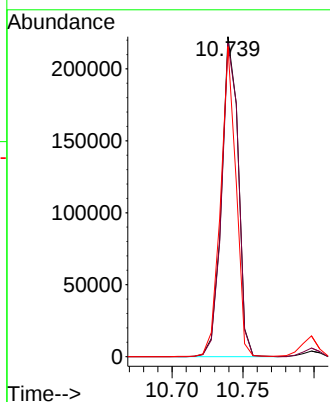
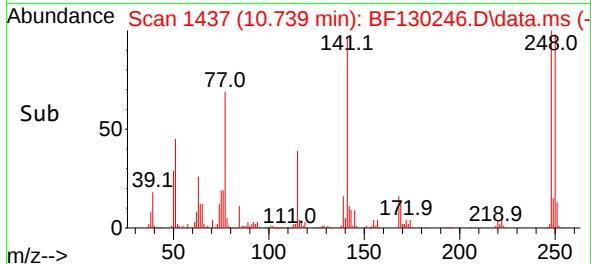
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



Tgt Ion:248 Resp: 181427
Ion Ratio Lower Upper
248 100
250 97.9 80.0 120.0
141 96.9 68.5 102.7

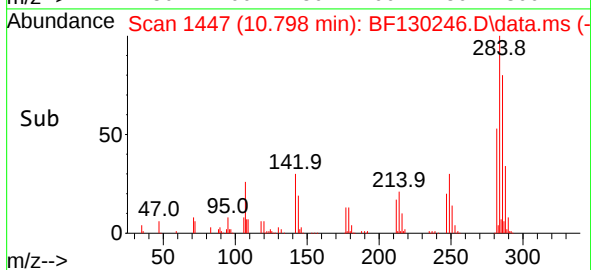
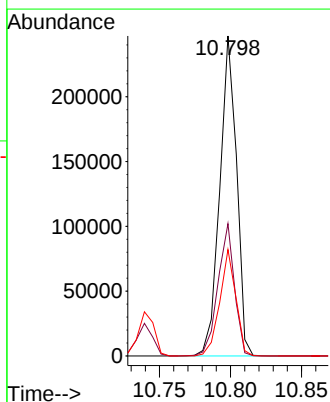
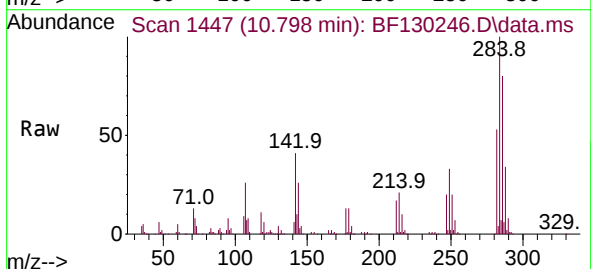
Manual Integrations
APPROVED

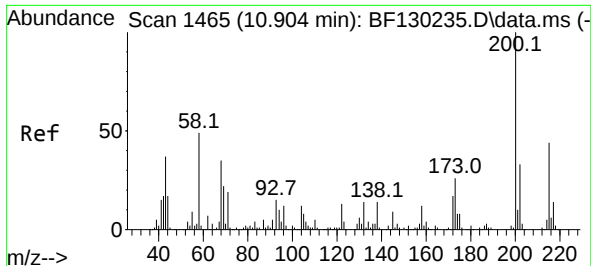
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#68
Hexachlorobenzene
Concen: 49.752 ng
RT: 10.798 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

Tgt Ion:284 Resp: 203028
Ion Ratio Lower Upper
284 100
142 41.3 27.2 40.8#
249 33.2 23.8 35.8





#69

Atrazine

Concen: 50.814 ng

RT: 10.904 min Scan# 1465

Delta R.T. 0.000 min

Lab File: BF130246.D

Acq: 14 Sep 2022 18:35

Instrument :

BNA_F

ClientSampleId :

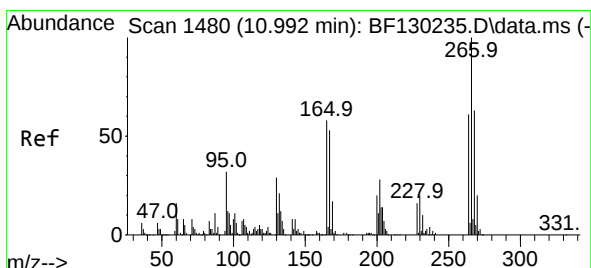
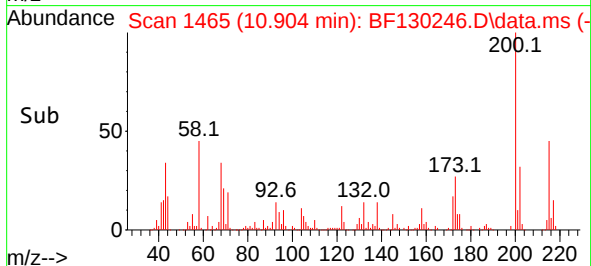
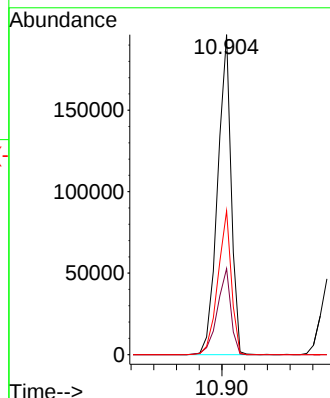
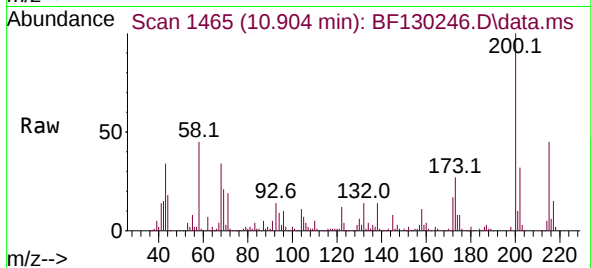
CHERRY-HILL-COMP-1MSD

Tgt Ion:200 Resp: 161939
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.2 46.2
 215 44.9 22.5 62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/15/2022
 Supervised By :Jagrut Upadhyay 09/15/2022



#70

Pentachlorophenol

Concen: 100.089 ng

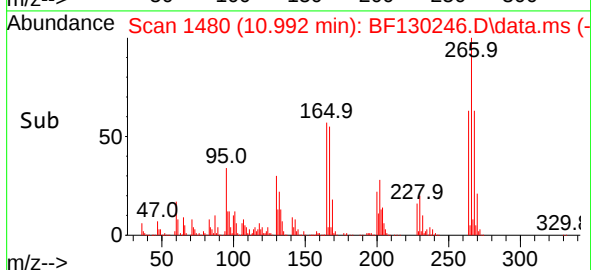
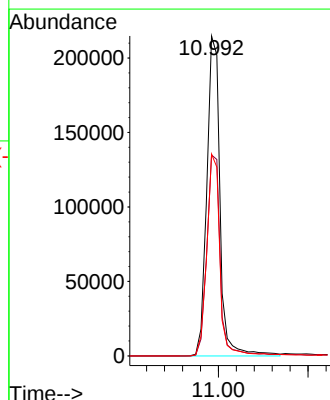
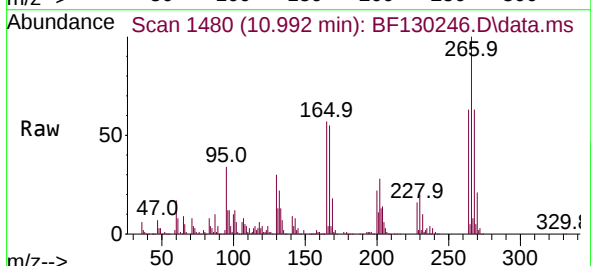
RT: 10.992 min Scan# 1480

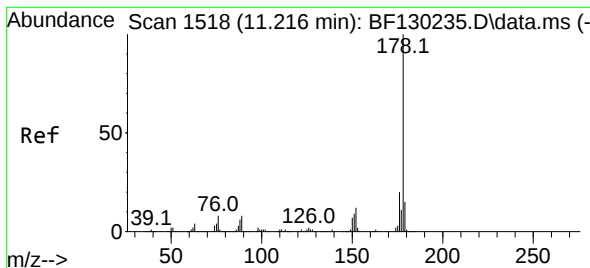
Delta R.T. 0.000 min

Lab File: BF130246.D

Acq: 14 Sep 2022 18:35

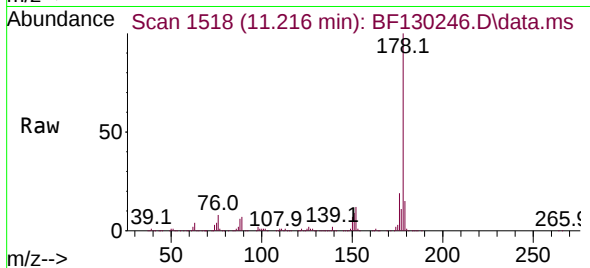
Tgt Ion:266 Resp: 219208
 Ion Ratio Lower Upper
 266 100
 268 62.8 50.5 75.7
 264 63.1 50.5 75.7





#71
Phenanthrene
Concen: 46.349 ng
RT: 11.216 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

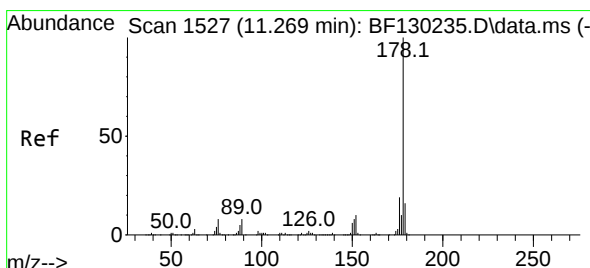
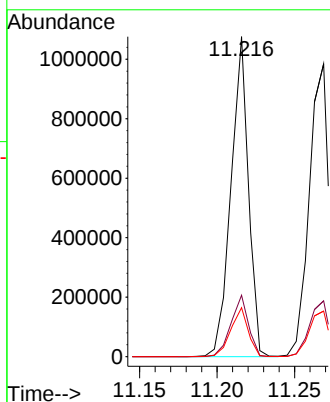
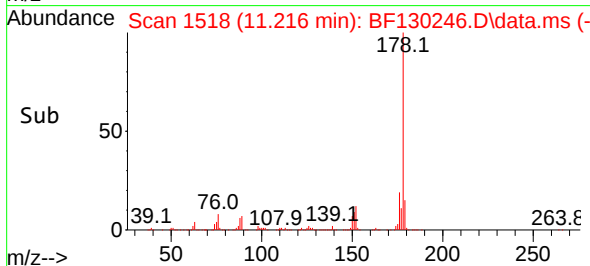
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



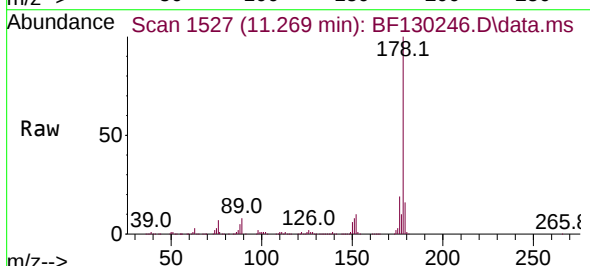
Tgt Ion:178 Resp: 849185
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.3 12.4 18.6

Manual Integrations
APPROVED

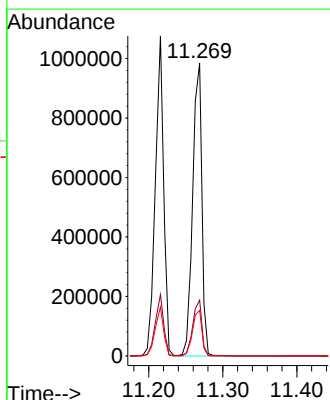
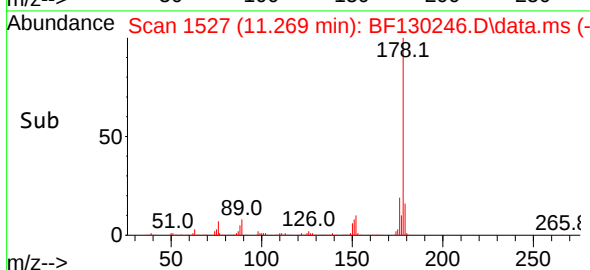
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

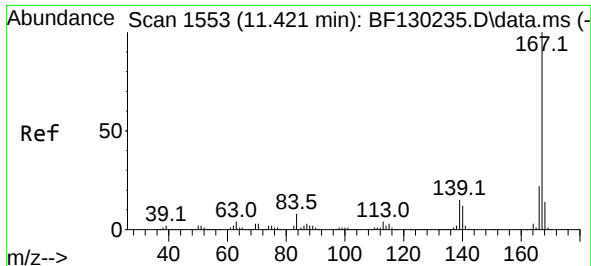


#72
Anthracene
Concen: 48.124 ng
RT: 11.269 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



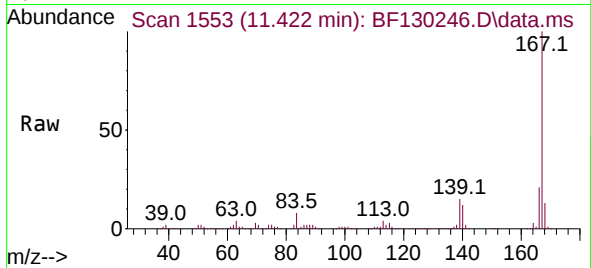
Tgt Ion:178 Resp: 850867
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.6
179 15.6 12.7 19.1





#73
 Carbazole
 Concen: 46.340 ng
 RT: 11.422 min Scan# 1553
 Delta R.T. 0.000 min
 Lab File: BF130246.D
 Acq: 14 Sep 2022 18:35

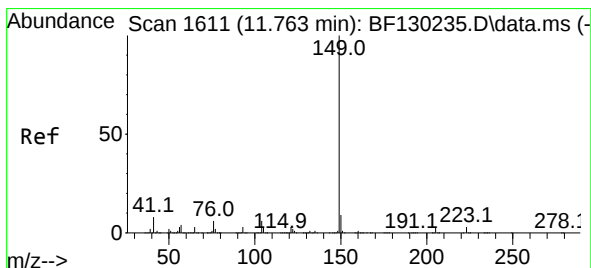
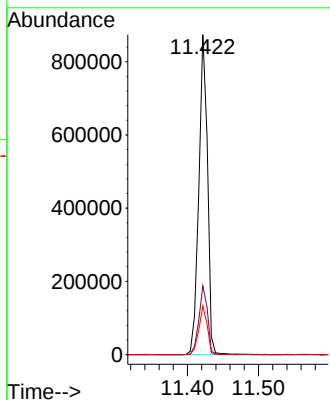
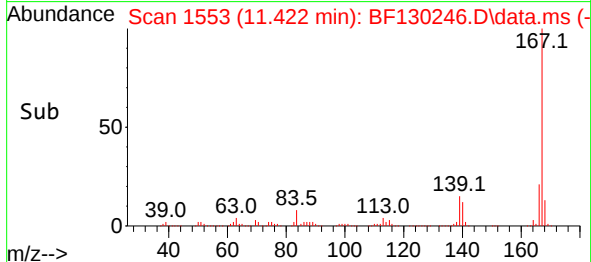
Instrument :
 BNA_F
 ClientSampleId :
 CHERRY-HILL-COMP-1MSD



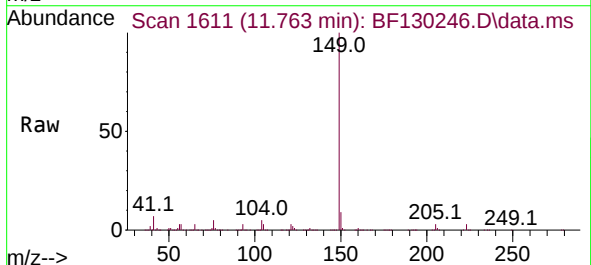
Tgt Ion:167 Resp: 739433
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.2
 139 15.1 11.6 17.4

Manual Integrations
 APPROVED

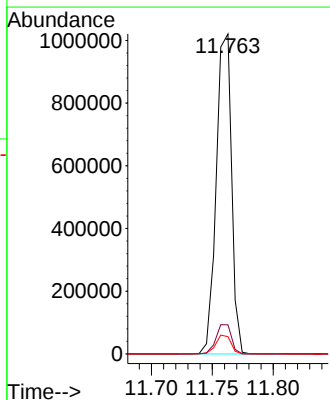
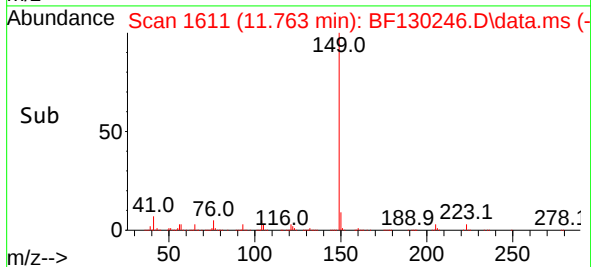
Reviewed By :Christian Giraldo 09/15/2022
 Supervised By :Jagrut Upadhyay 09/15/2022

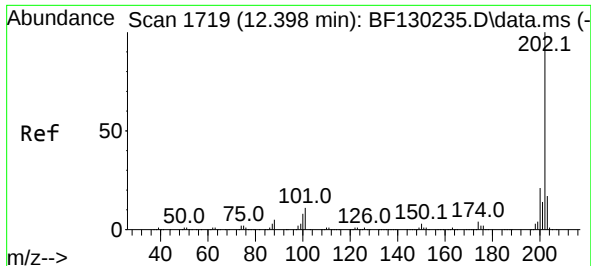


#74
 Di-n-butylphthalate
 Concen: 46.338 ng
 RT: 11.763 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF130246.D
 Acq: 14 Sep 2022 18:35



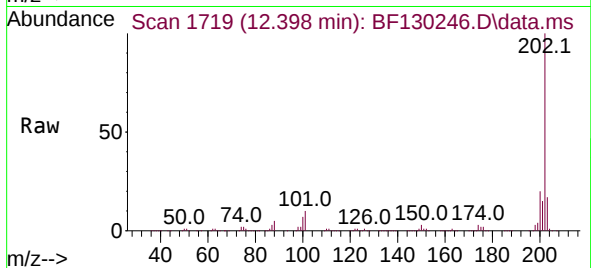
Tgt Ion:149 Resp: 891639
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.4 4.8 7.2





#75
Fluoranthene
Concen: 42.316 ng
RT: 12.398 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

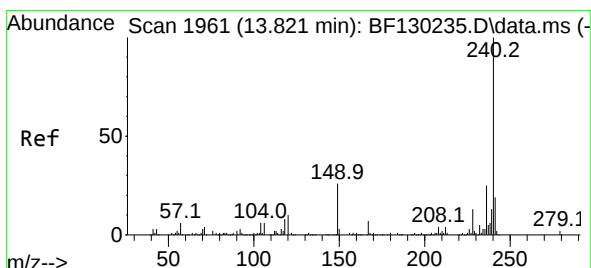
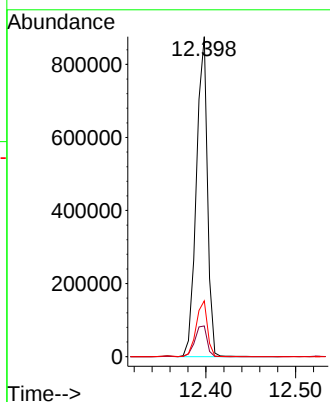
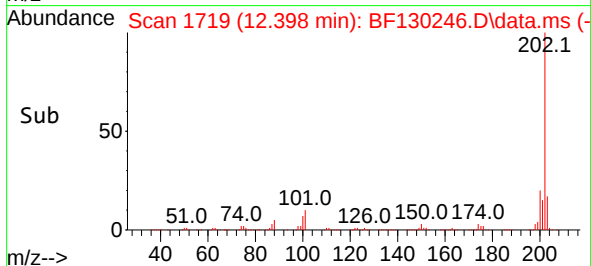
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



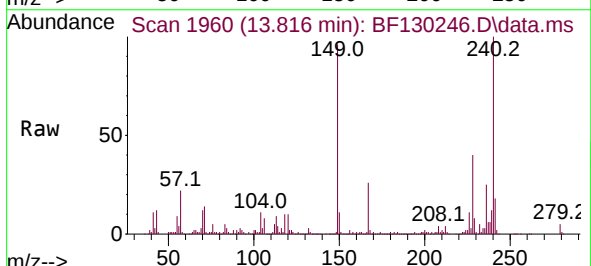
Tgt Ion:202 Resp: 749174
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.8
203 17.4 0.0 37.8

Manual Integrations
APPROVED

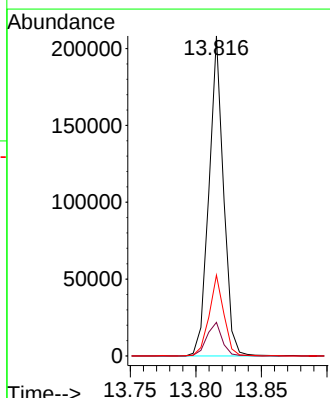
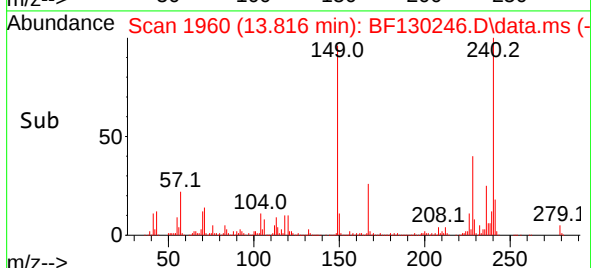
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

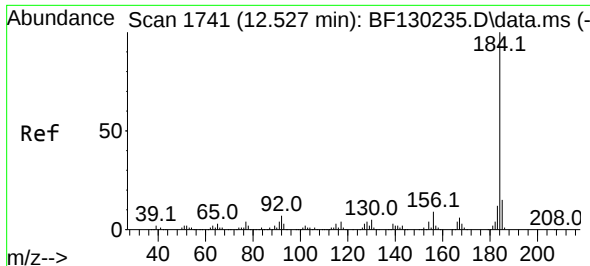


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.816 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



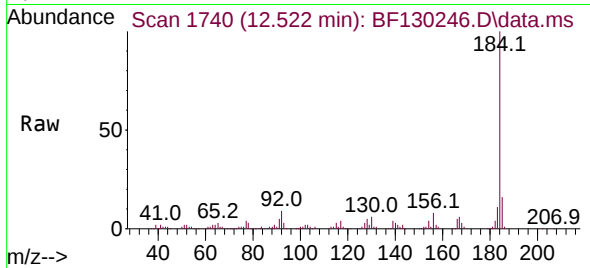
Tgt Ion:240 Resp: 160821
Ion Ratio Lower Upper
240 100
120 10.5 8.7 13.1
236 25.2 20.9 31.3





#77
Benzidine
Concen: 19.588 ng
RT: 12.522 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

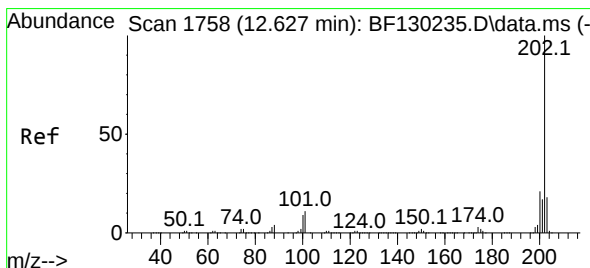
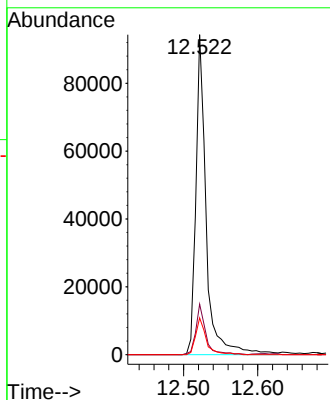
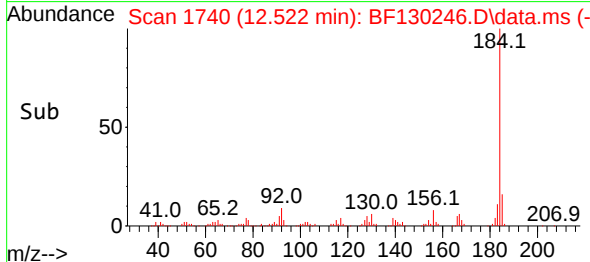
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



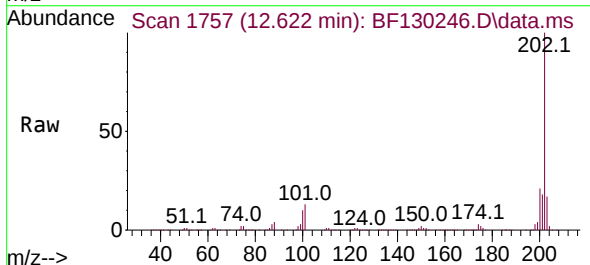
Tgt Ion:184 Resp: 91448
Ion Ratio Lower Upper
184 100
185 15.8 11.8 17.6
183 11.5 9.1 13.7

Manual Integrations
APPROVED

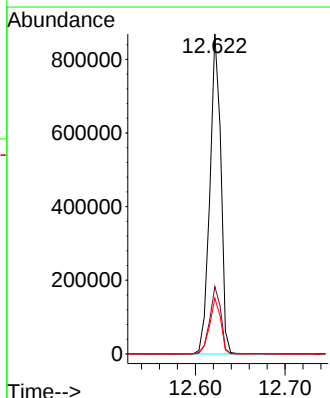
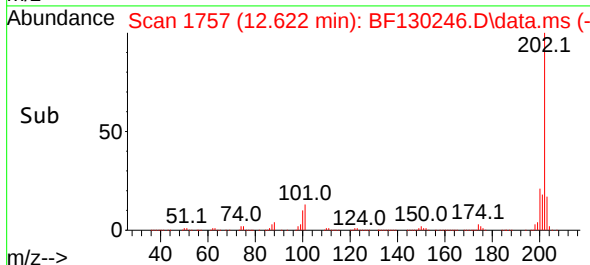
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

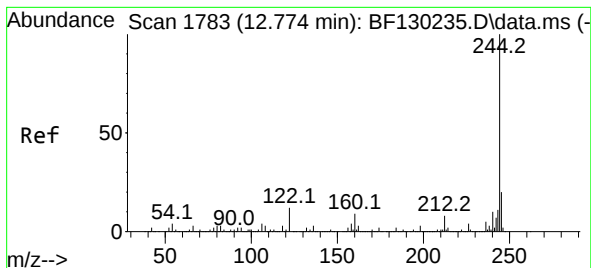


#78
Pyrene
Concen: 52.203 ng
RT: 12.622 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



Tgt Ion:202 Resp: 734428
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 17.4 14.3 21.5





#79

Terphenyl-d14

Concen: 97.649 ng

RT: 12.775 min Scan# 1783

Delta R.T. 0.000 min

Lab File: BF130246.D

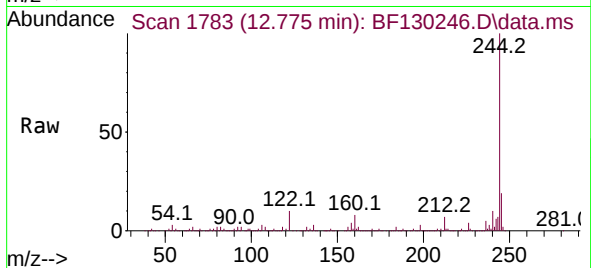
Acq: 14 Sep 2022 18:35

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-1MSD



Tgt Ion:244 Resp: 948028

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

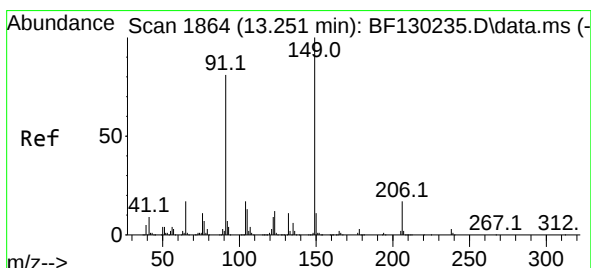
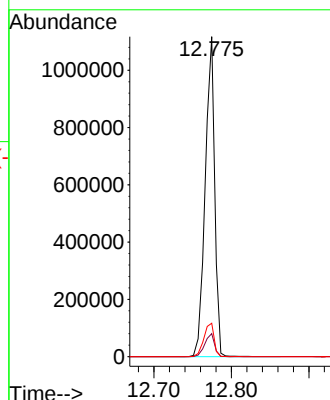
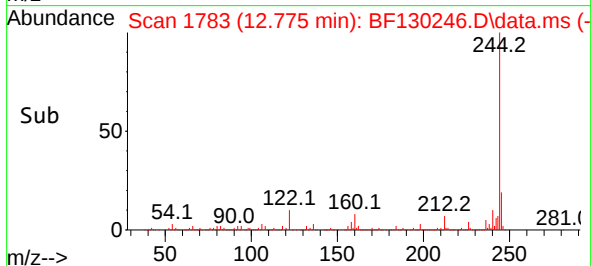
122 10.4 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/15/2022

Supervised By :Jagrut Upadhyay 09/15/2022



#80

Butylbenzylphthalate

Concen: 49.465 ng

RT: 13.251 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BF130246.D

Acq: 14 Sep 2022 18:35

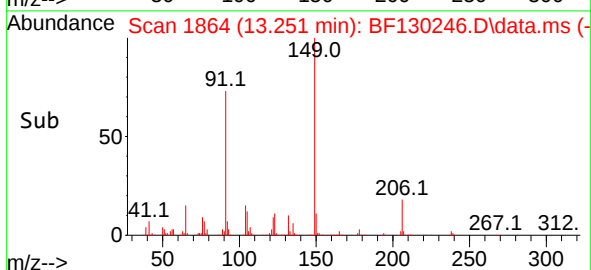
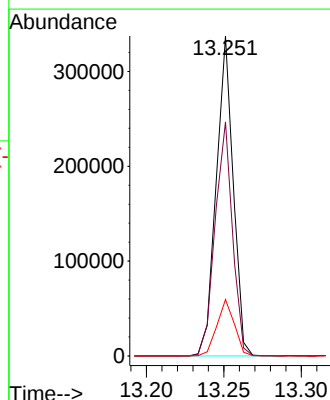
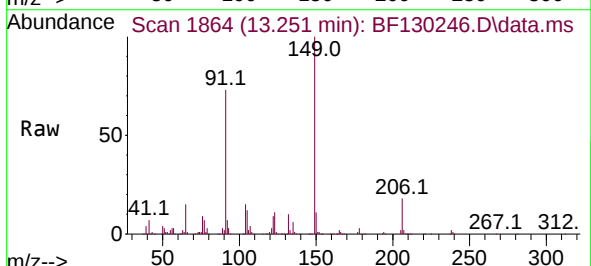
Tgt Ion:149 Resp: 257805

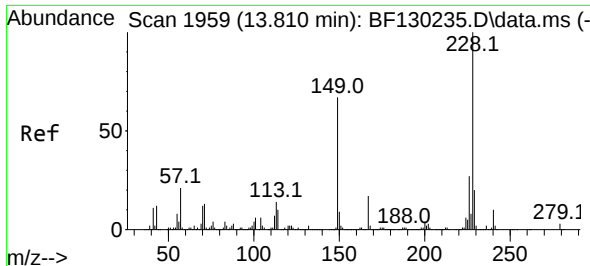
Ion Ratio Lower Upper

149 100

91 73.1 59.8 89.8

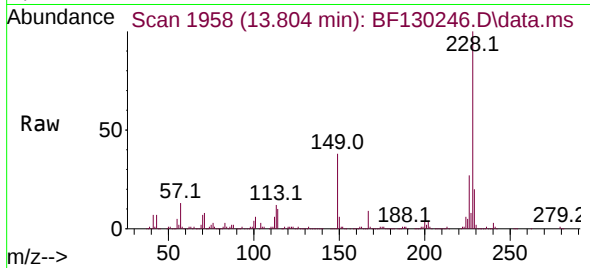
206 17.6 13.9 20.9





#81
Benzo(a)anthracene
Concen: 45.771 ng
RT: 13.804 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

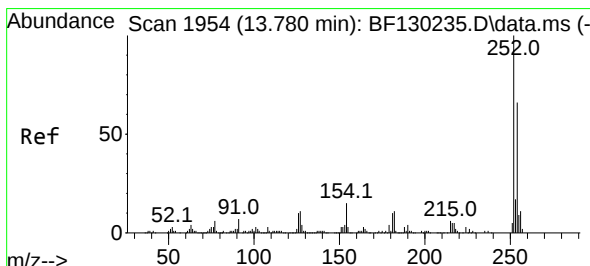
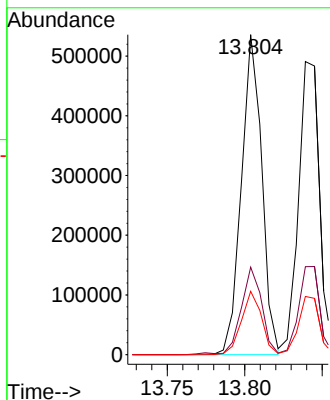
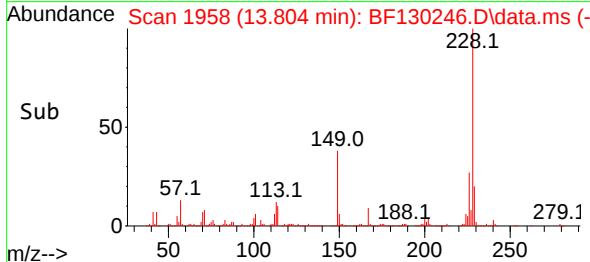
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



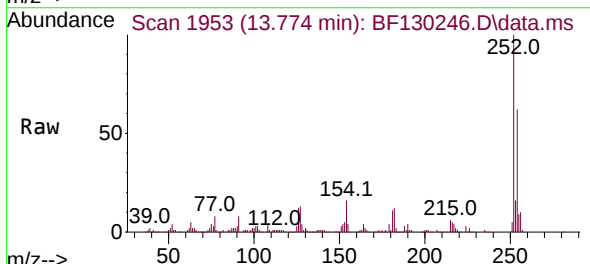
Tgt Ion:228 Resp: 489686
Ion Ratio Lower Upper
228 100
226 27.3 21.9 32.9
229 19.8 16.1 24.1

Manual Integrations
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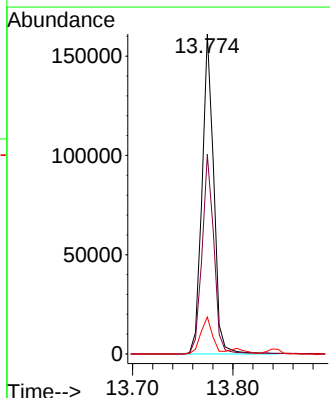
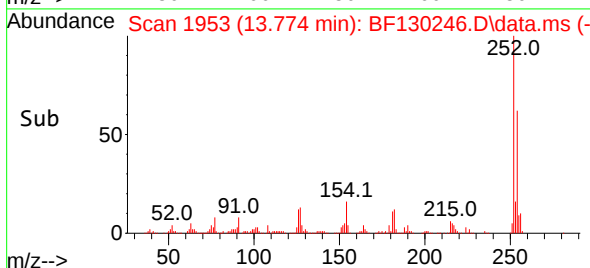
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

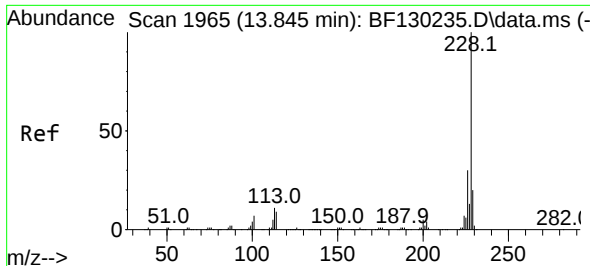


#82
3,3'-Dichlorobenzidine
Concen: 44.607 ng
RT: 13.774 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



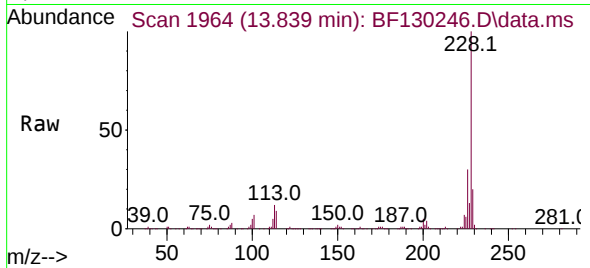
Tgt Ion:252 Resp: 129909
Ion Ratio Lower Upper
252 100
254 62.3 51.1 76.7
126 11.5 10.4 15.6





#83
Chrysene
Concen: 45.517 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

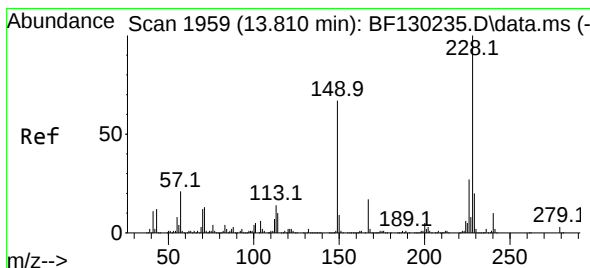
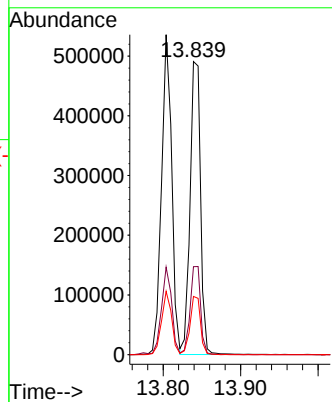
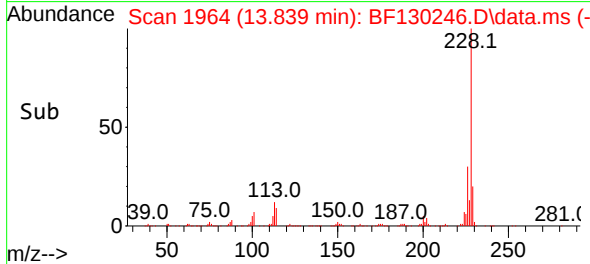
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



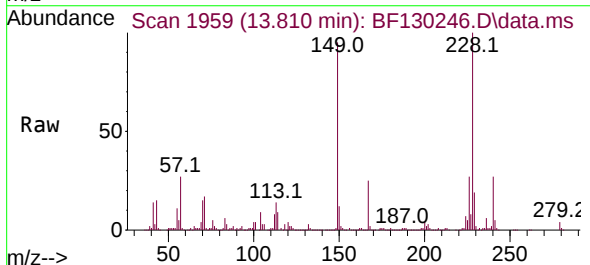
Tgt Ion:228 Resp: 462372
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 19.8 15.3 22.9

Manual Integrations
APPROVED

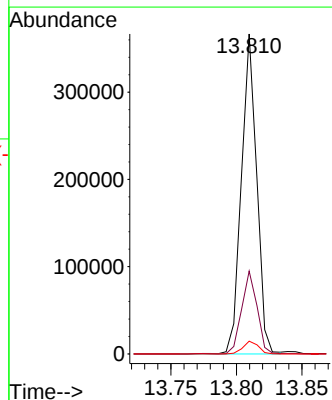
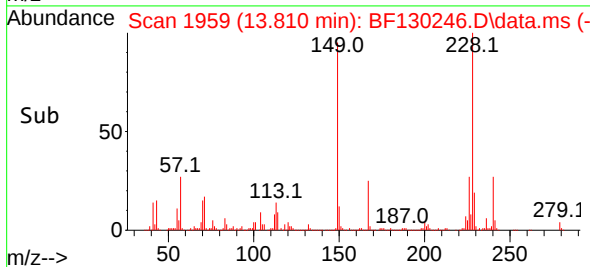
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

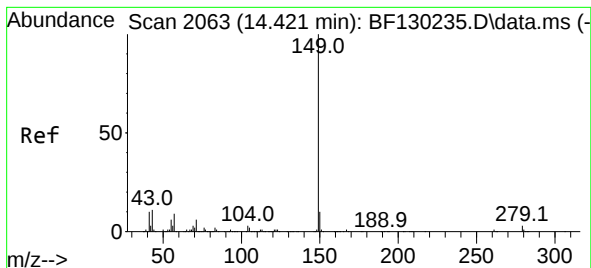


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.768 ng
RT: 13.810 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



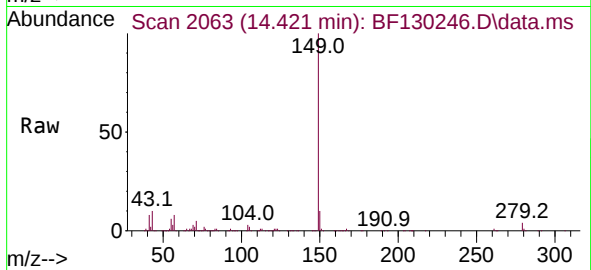
Tgt Ion:149 Resp: 297106
Ion Ratio Lower Upper
149 100
167 25.9 20.5 30.7
279 4.0 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 47.004 ng
RT: 14.421 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

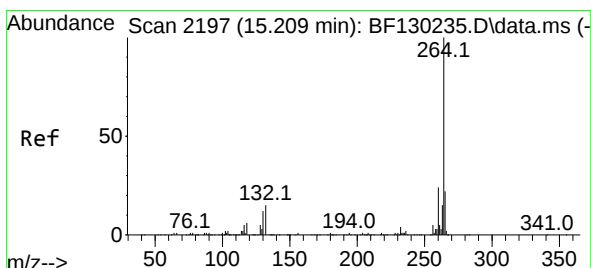
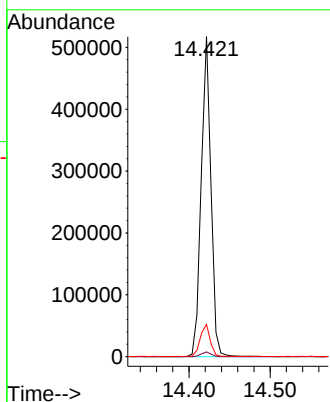
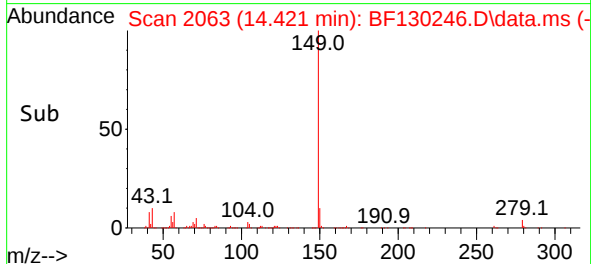
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



Tgt Ion:149 Resp: 429191
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 10.3 8.7 13.1

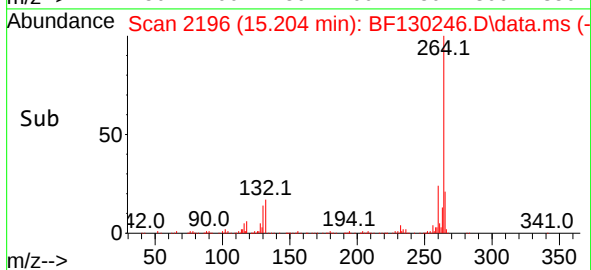
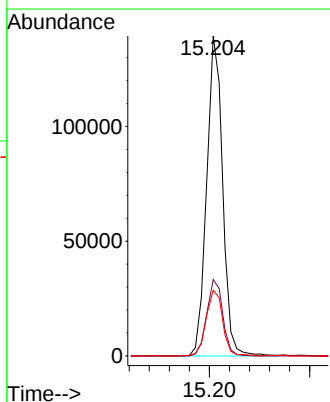
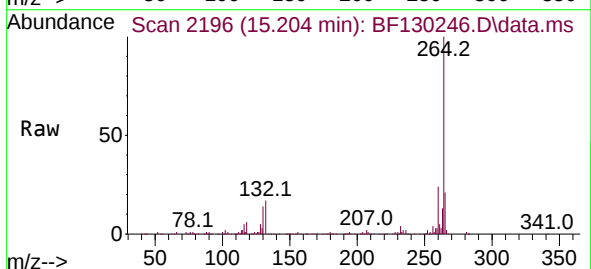
Manual Integrations
APPROVED

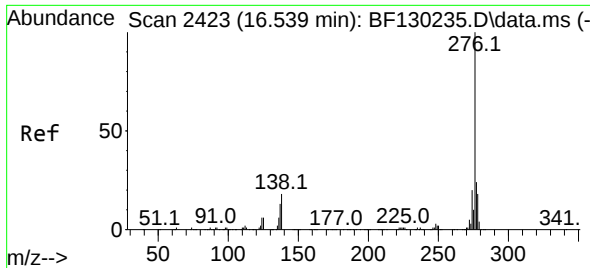
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.204 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

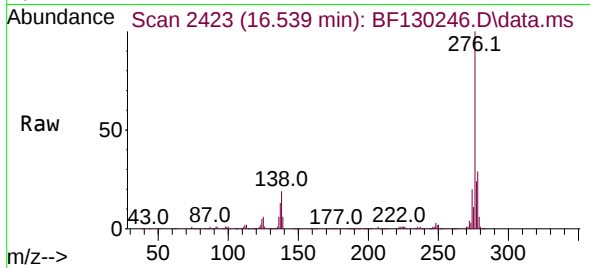
Tgt Ion:264 Resp: 153565
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 20.5 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.630 ng
RT: 16.539 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35

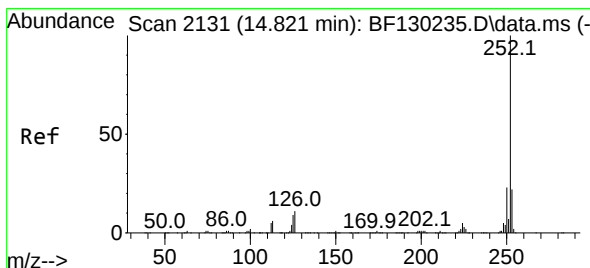
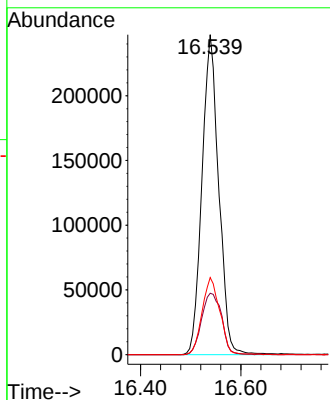
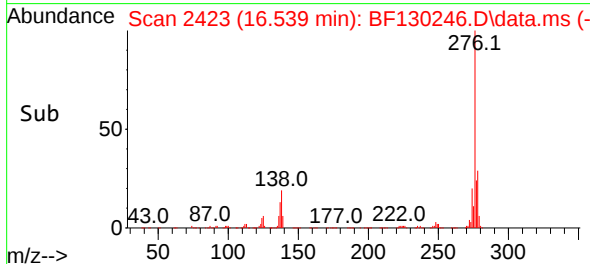
Instrument :
BNA_F
ClientSampleId :
CHERRY-HILL-COMP-1MSD



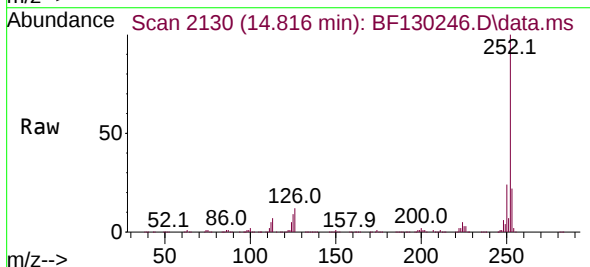
Tgt Ion:276 Resp: 573142
Ion Ratio Lower Upper
276 100
138 22.8 18.5 27.7
277 25.4 20.2 30.4

Manual Integrations
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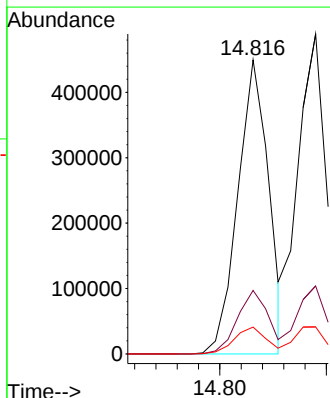
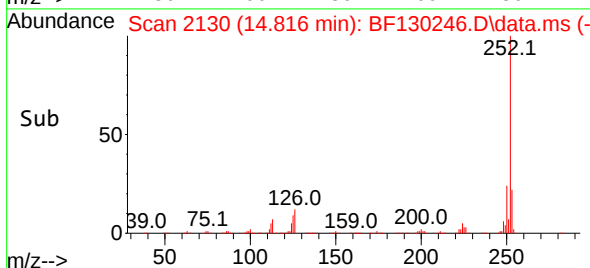
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

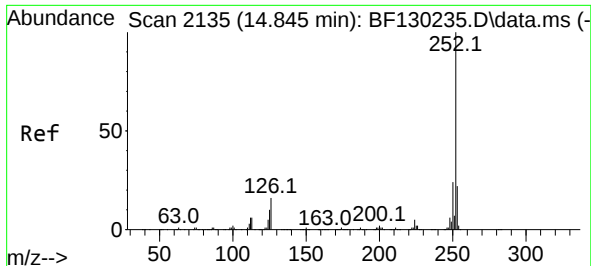


#88
Benzo(b)fluoranthene
Concen: 45.284 ng
RT: 14.816 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BF130246.D
Acq: 14 Sep 2022 18:35



Tgt Ion:252 Resp: 453891
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 9.1 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 46.994 ng

RT: 14.845 min Scan# 2135

Delta R.T. 0.000 min

Lab File: BF130246.D

Acq: 14 Sep 2022 18:35

Instrument :

BNA_F

ClientSampleId :

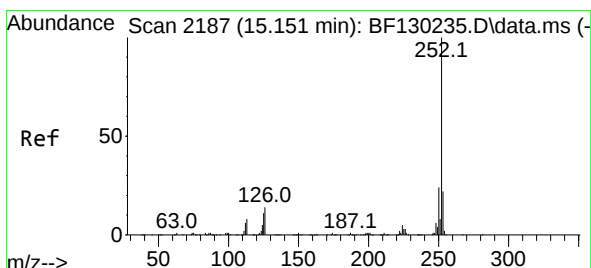
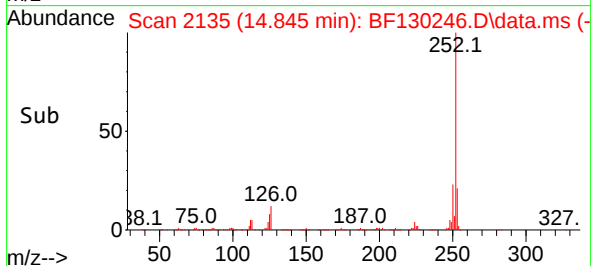
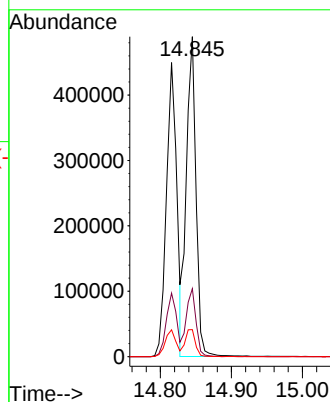
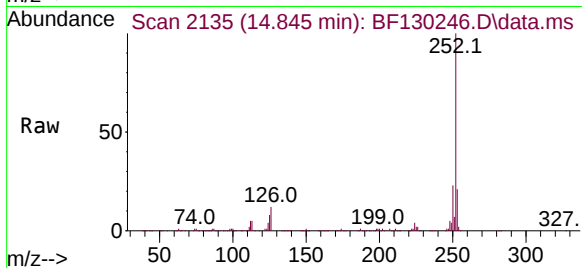
CHERRY-HILL-COMP-1MSD

Tgt Ion:252 Resp: 463350
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.4 26.2
 125 8.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/15/2022
 Supervised By :Jagrut Upadhyay 09/15/2022



#90

Benzo(a)pyrene

Concen: 50.584 ng

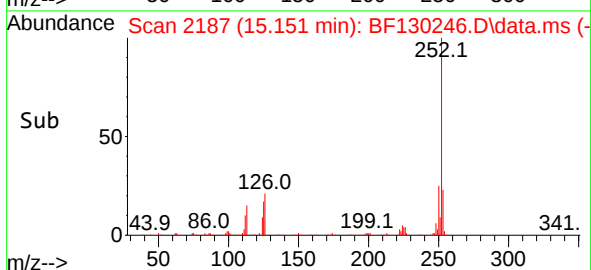
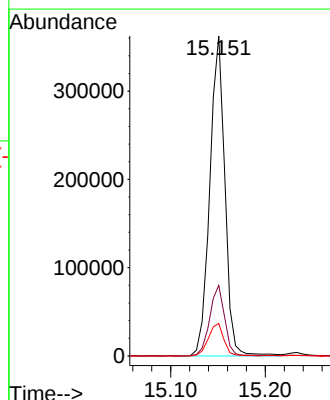
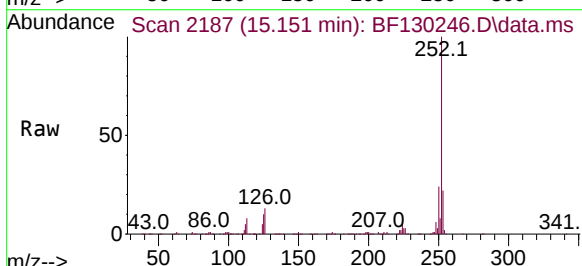
RT: 15.151 min Scan# 2187

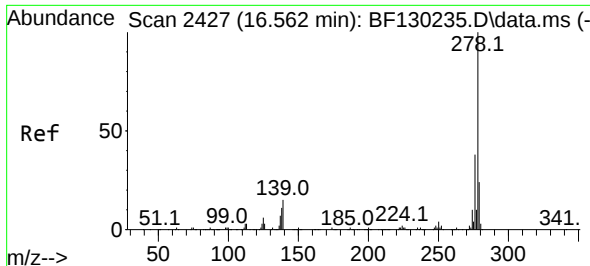
Delta R.T. 0.000 min

Lab File: BF130246.D

Acq: 14 Sep 2022 18:35

Tgt Ion:252 Resp: 401673
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.8 26.6
 125 10.1 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 55.577 ng

RT: 16.557 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BF130246.D

Acq: 14 Sep 2022 18:35

Instrument :

BNA_F

ClientSampleId :

CHERRY-HILL-COMP-1MSD

Tgt Ion:278 Resp: 496500

Ion Ratio Lower Upper

278 100

139 14.9 11.8 17.8

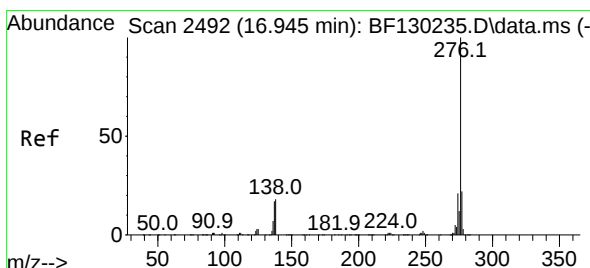
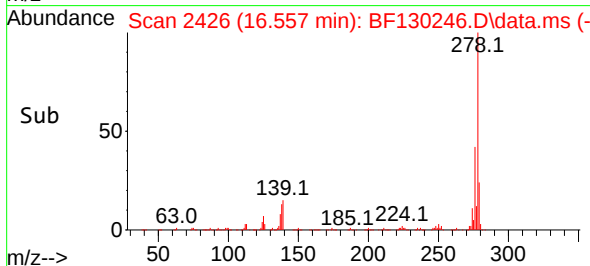
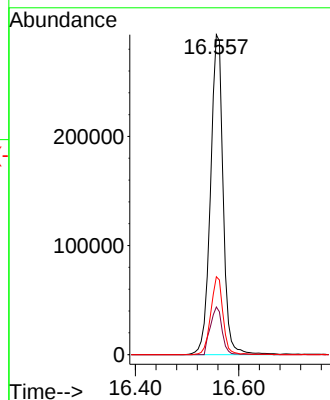
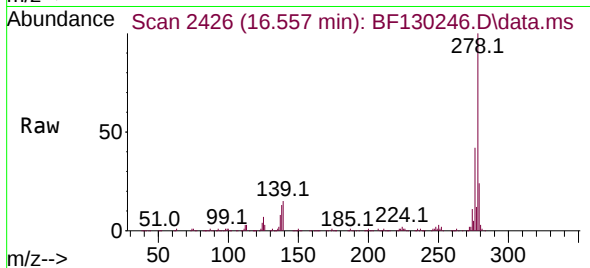
279 24.3 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/15/2022

Supervised By :Jagrut Upadhyay 09/15/2022



#92

Benzo(g,h,i)perylene

Concen: 56.351 ng

RT: 16.945 min Scan# 2492

Delta R.T. 0.000 min

Lab File: BF130246.D

Acq: 14 Sep 2022 18:35

Tgt Ion:276 Resp: 507111

Ion Ratio Lower Upper

276 100

277 24.0 18.6 27.8

138 18.7 14.6 21.8

