

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF130001.D
 Acq On : 25 Aug 2022 16:03
 Operator : CG\JU
 Sample : N4353-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-4-COMP-2MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/26/2022
 Supervised By : Jagrut Upadhyay 08/26/2022

Quant Time: Aug 26 00:58:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	117206	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	467286	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	227903	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	322100	20.000	ng	0.00
76) Chrysene-d12	13.927	240	243441	20.000	ng	0.00
86) Perylene-d12	15.374	264	261410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	798622	112.817	ng	0.01
7) Phenol-d6	6.422	99	963885	108.732	ng	0.00
23) Nitrobenzene-d5	7.328	82	642920	73.652	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	211552	92.488	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1105341	73.663	ng	0.00
79) Terphenyl-d14	12.863	244	826036	56.460	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	135384	46.356	ng	99
3) Pyridine	3.275	79	323080	42.272	ng	95
4) n-Nitrosodimethylamine	3.234	42	194134	55.117	ng	90
6) Aniline	6.428	93	359990	35.630	ng	90
8) 2-Chlorophenol	6.557	128	379700	48.182	ng	99
9) Benzaldehyde	6.316	77	217861	47.085	ng	99
10) Phenol	6.434	94	462186	47.531	ng	84
11) bis(2-Chloroethyl)ether	6.492	93	357963	48.477	ng	96
12) 1,3-Dichlorobenzene	6.692	146	407584	47.908	ng	98
13) 1,4-Dichlorobenzene	6.775	146	413400	47.556	ng	98
14) 1,2-Dichlorobenzene	6.928	146	385876	47.795	ng	99
15) Benzyl Alcohol	6.916	79	327851	48.989	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.028	45	488035	49.324	ng	79
17) 2-Methylphenol	7.033	107	307707	48.629	ng	95
18) Hexachloroethane	7.257	117	161769	49.556	ng	98
19) n-Nitroso-di-n-propyla...	7.175	70	277658	49.552	ng	97
20) 3+4-Methylphenols	7.192	107	397252	46.770	ng	98
22) Acetophenone	7.175	105	558902	49.081	ng	# 96
24) Nitrobenzene	7.345	77	408707	46.433	ng	92
25) Isophorone	7.586	82	722264	48.074	ng	99
26) 2-Nitrophenol	7.663	139	201492	46.539	ng	92
27) 2,4-Dimethylphenol	7.710	122	318852	51.352	ng	95
28) bis(2-Chloroethoxy)met...	7.792	93	437403	49.862	ng	99
29) 2,4-Dichlorophenol	7.916	162	307507	45.292	ng	97
30) 1,2,4-Trichlorobenzene	7.980	180	313267	43.737	ng	98
31) Naphthalene	8.063	128	1075947	44.037	ng	99
32) Benzoic acid	7.863	122	127625	46.321	ng	96
33) 4-Chloroaniline	8.122	127	213143	22.184	ng	98
34) Hexachlorobutadiene	8.169	225	198153	45.434	ng	99
35) Caprolactam	8.504	113	90656m	42.938	ng	
36) 4-Chloro-3-methylphenol	8.622	107	329155	44.938	ng	96
37) 2-Methylnaphthalene	8.751	142	692497	43.184	ng	98
38) 1-Methylnaphthalene	8.851	142	651836	41.826	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	305156	48.142	ng	98
41) Hexachlorocyclopentadiene	8.898	237	131937	69.896	ng	99
43) 2,4,6-Trichlorophenol	9.045	196	188395	45.744	ng	96

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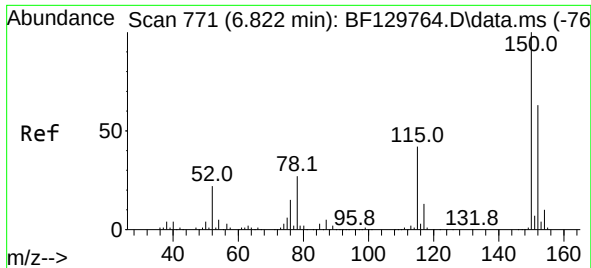
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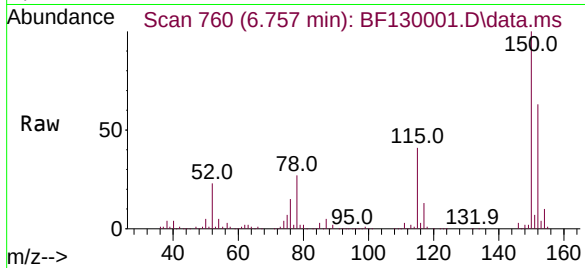
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	194009	43.786	ng	97
46) 1,1'-Biphenyl	9.216	154	832744	48.098	ng	100
47) 2-Chloronaphthalene	9.245	162	643022	46.939	ng	99
48) 2-Nitroaniline	9.351	65	206411	47.679	ng	96
49) Acenaphthylene	9.657	152	926548	44.603	ng	100
50) Dimethylphthalate	9.522	163	740990	45.355	ng	100
51) 2,6-Dinitrotoluene	9.592	165	161809	45.657	ng	98
52) Acenaphthene	9.827	154	552834	43.864	ng	99
53) 3-Nitroaniline	9.769	138	103270	26.349	ng	99
54) 2,4-Dinitrophenol	9.886	184	92873	59.469	ng	94
55) Dibenzofuran	9.998	168	836242	44.165	ng	93
56) 4-Nitrophenol	9.963	139	127856	73.329	ng	93
57) 2,4-Dinitrotoluene	10.004	165	204473	44.445	ng	98
58) Fluorene	10.345	166	666412	42.152	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	125033	38.452	ng	# 74
60) Diethylphthalate	10.216	149	717450	44.041	ng	97
61) 4-Chlorophenyl-phenyle...	10.333	204	313113	44.133	ng	99
62) 4-Nitroaniline	10.386	138	140609m	35.562	ng	
63) Azobenzene	10.492	77	677555	43.514	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	71467	37.795	ng	92
66) n-Nitrosodiphenylamine	10.457	169	555547	51.101	ng	99
67) 4-Bromophenyl-phenylether	10.821	248	187713	49.757	ng	98
68) Hexachlorobenzene	10.892	284	202011	49.432	ng	94
69) Atrazine	10.986	200	171857	51.504	ng	99
70) Pentachlorophenol	11.098	266	88315m	72.607	ng	
71) Phenanthrene	11.304	178	802612	44.616	ng	100
72) Anthracene	11.357	178	814692	45.541	ng	100
73) Carbazole	11.521	167	721907	44.454	ng	100
74) Di-n-butylphthalate	11.833	149	944064	45.170	ng	99
75) Fluoranthene	12.498	202	752760	40.893	ng	100
77) Benzidine	12.627	184	394059	70.473	ng	99
78) Pyrene	12.727	202	767699	36.289	ng	99
80) Butylbenzylphthalate	13.333	149	356123	39.783	ng	96
81) Benzo(a)anthracene	13.921	228	730873	43.643	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	227512	43.866	ng	98
83) Chrysene	13.957	228	679784	43.365	ng	99
84) Bis(2-ethylhexyl)phtha...	13.886	149	494383	46.552	ng	96
85) Di-n-octyl phthalate	14.498	149	857279	58.475	ng	99
87) Indeno(1,2,3-cd)pyrene	16.821	276	696064	38.786	ng	98
88) Benzo(b)fluoranthene	14.957	252	835461	46.673	ng	99
89) Benzo(k)fluoranthene	14.986	252	711843	41.467	ng	98
90) Benzo(a)pyrene	15.315	252	669554	47.499	ng	99
91) Dibenzo(a,h)anthracene	16.821	278	622210	42.020	ng	99
92) Benzo(g,h,i)perylene	17.256	276	566808	38.368	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BF130001.D
 Acq: 25 Aug 2022 16:03

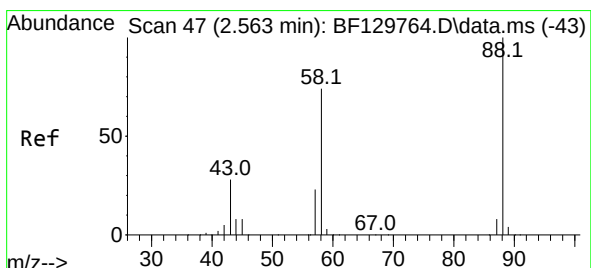
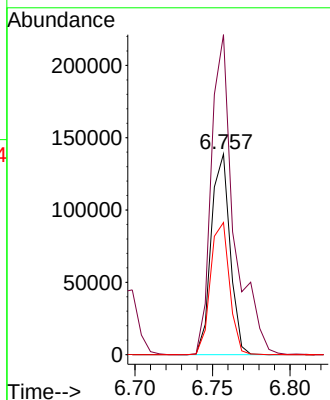
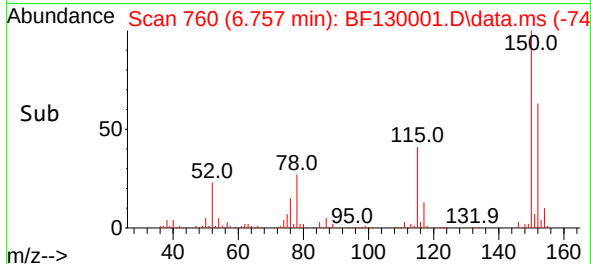
Instrument :
 BNA_F
 ClientSampleId :
 3-4-COMP-2MSD



Tgt Ion: 152 Resp: 117200
 Ion Ratio Lower Upper
 152 100
 150 159.6 126.9 190.3
 115 65.9 53.4 80.0

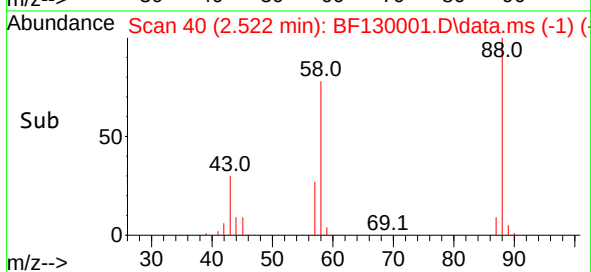
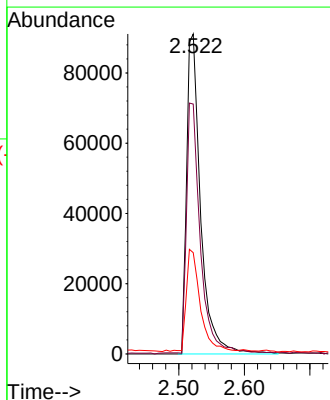
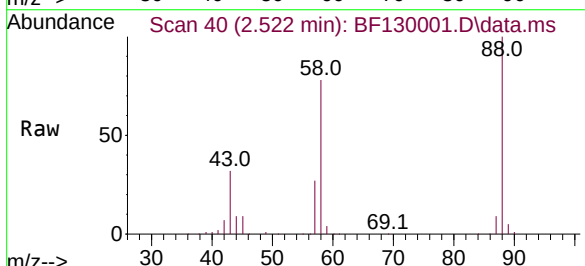
Manual Integrations
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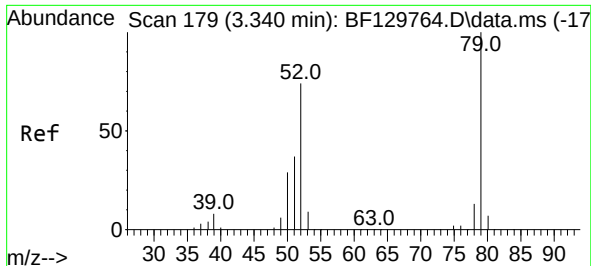
Reviewed By : Christian Giraldo 08/26/2022
 Supervised By : Jagrut Upadhyay 08/26/2022



#2
 1,4-Dioxane
 Concen: 46.356 ng
 RT: 2.522 min Scan# 40
 Delta R.T. 0.076 min
 Lab File: BF130001.D
 Acq: 25 Aug 2022 16:03

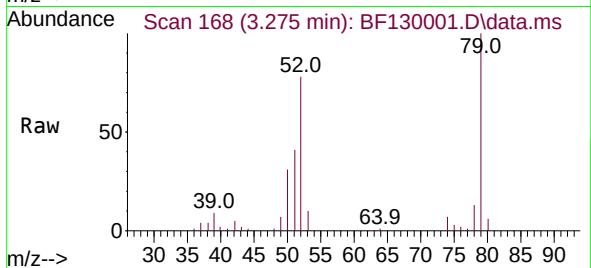
Tgt Ion: 88 Resp: 135384
 Ion Ratio Lower Upper
 88 100
 58 76.3 60.9 91.3
 43 31.8 23.6 35.4





#3
Pyridine
Concen: 42.272 ng
RT: 3.275 min Scan# 10
Delta R.T. 0.070 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

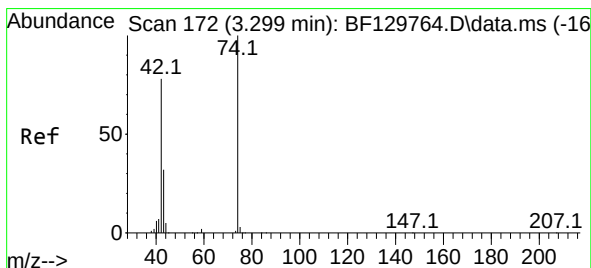
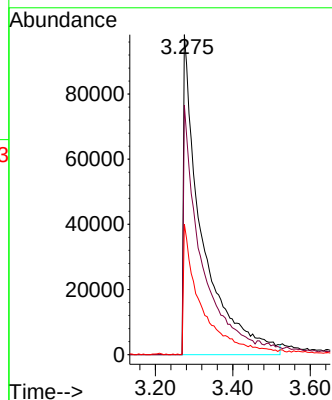
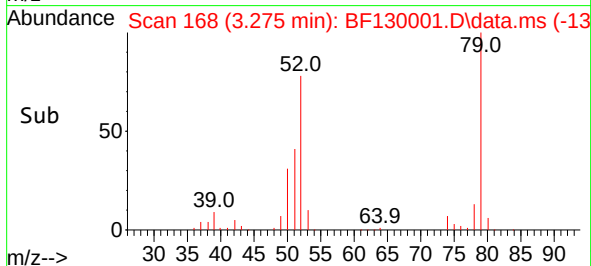
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



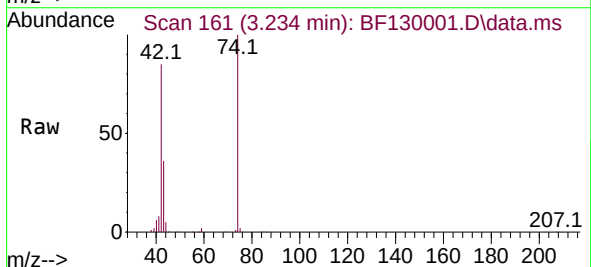
Tgt Ion: 79 Resp: 323080
Ion Ratio Lower Upper
79 100
52 77.9 59.4 89.2
51 40.8 29.5 44.3

Manual Integrations
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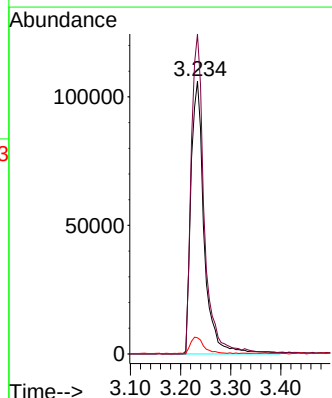
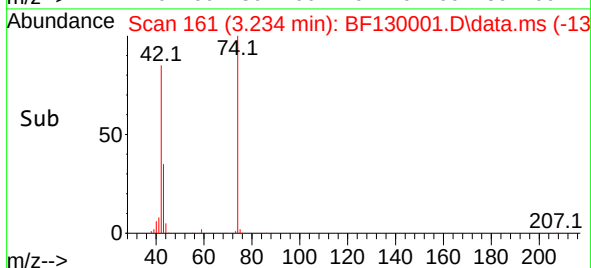
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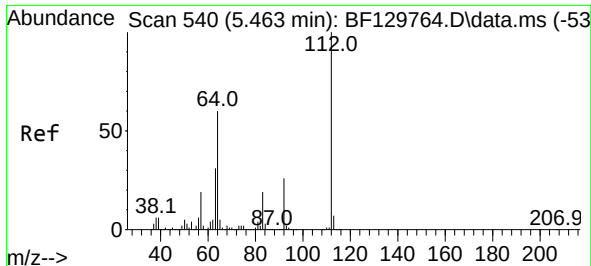


#4
n-Nitrosodimethylamine
Concen: 55.117 ng
RT: 3.234 min Scan# 161
Delta R.T. 0.065 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03



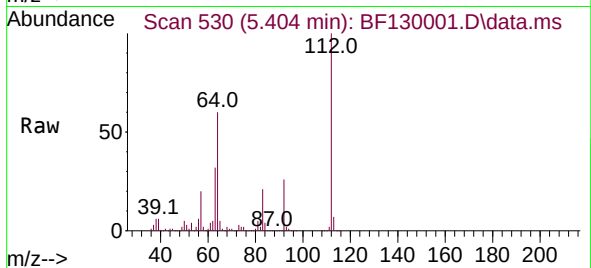
Tgt Ion: 42 Resp: 194134
Ion Ratio Lower Upper
42 100
74 117.3 103.1 154.7
44 5.9 5.4 8.2





#5
2-Fluorophenol
Concen: 112.817 ng
RT: 5.404 min Scan# 531
Delta R.T. 0.012 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

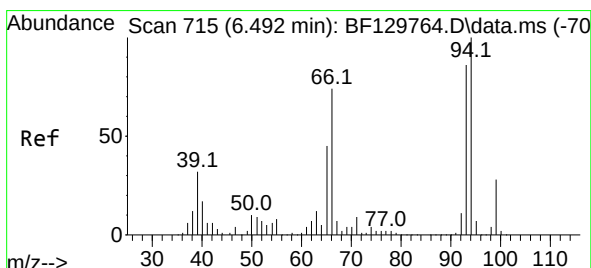
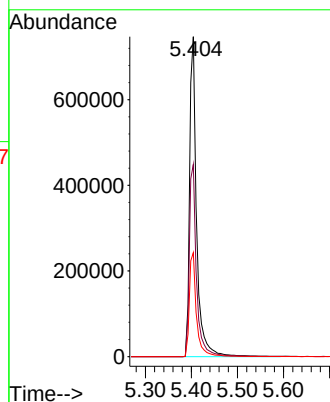
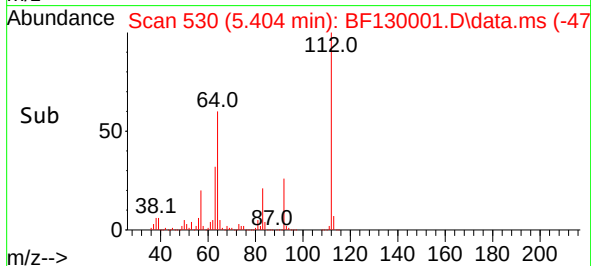
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



Tgt Ion: 112 Resp: 798622
Ion Ratio Lower Upper
112 100
64 60.0 47.6 71.4
63 32.5 24.6 37.0

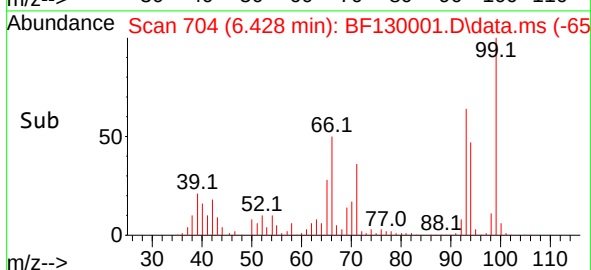
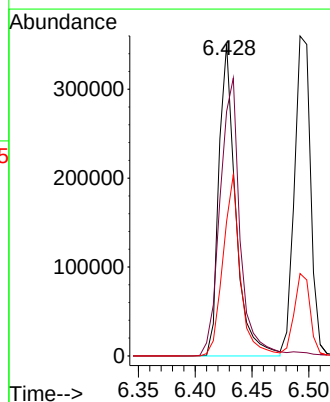
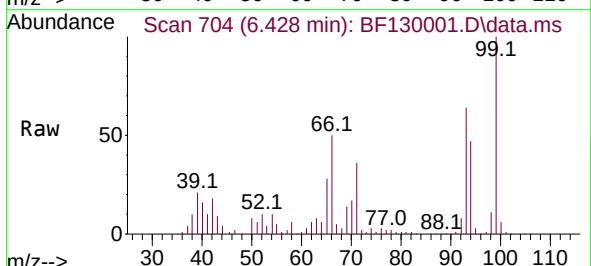
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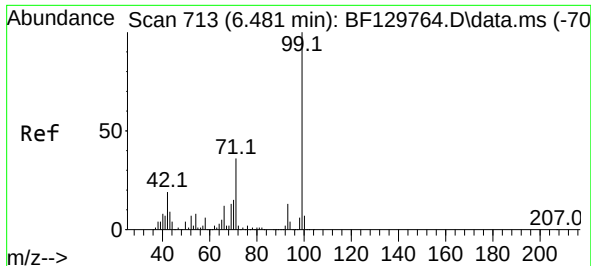
Reviewed By :Christian Giraldo 08/26/2022
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#6
Aniline
Concen: 35.630 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

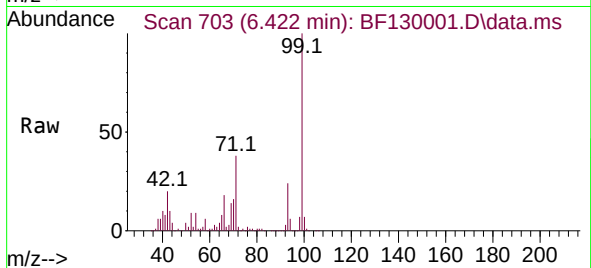
Tgt Ion: 93 Resp: 359990
Ion Ratio Lower Upper
93 100
66 78.4 68.7 103.1
65 43.1 41.6 62.4





#7
Phenol-d6
Concen: 108.732 ng
RT: 6.422 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

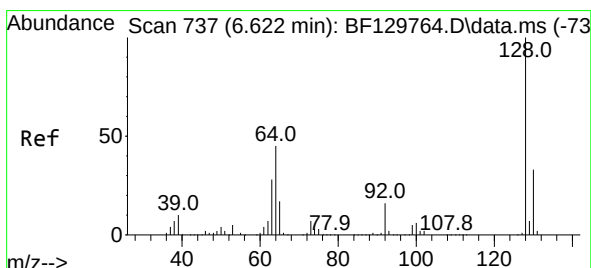
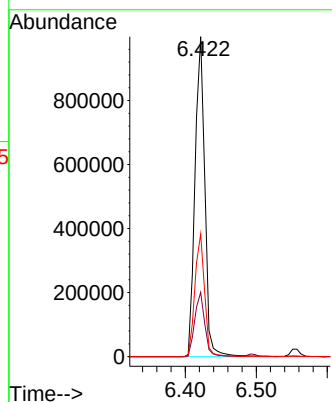
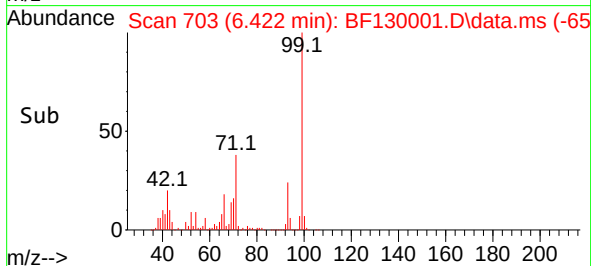
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



Tgt Ion: 99 Resp: 963885
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.4
71 38.4 28.8 43.2

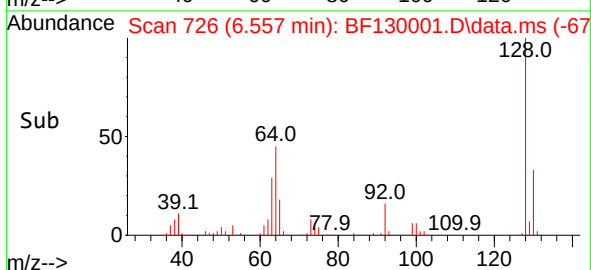
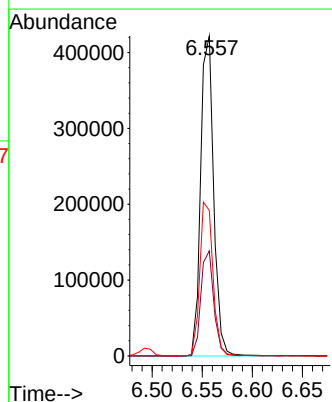
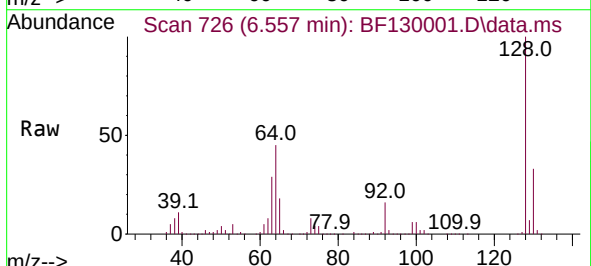
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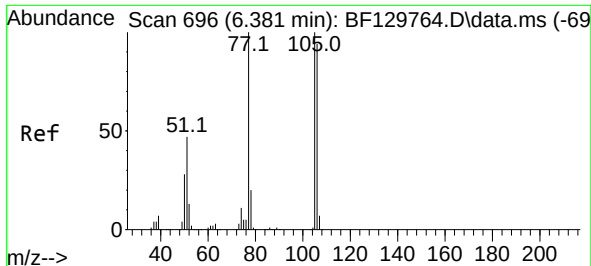
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#8
2-Chlorophenol
Concen: 48.182 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

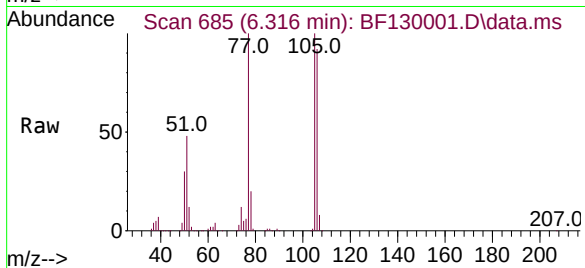
Tgt Ion:128 Resp: 379700
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 45.4 24.9 64.9





#9
Benzaldehyde
Concen: 47.085 ng
RT: 6.316 min Scan# 68
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

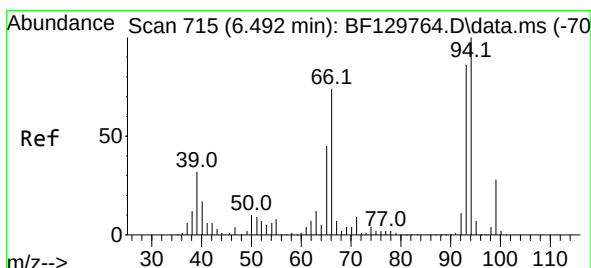
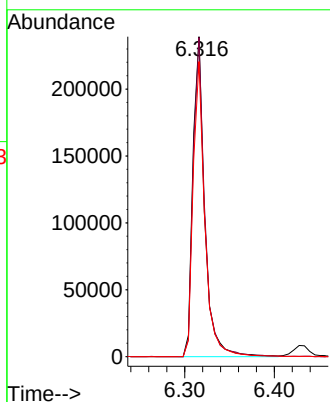
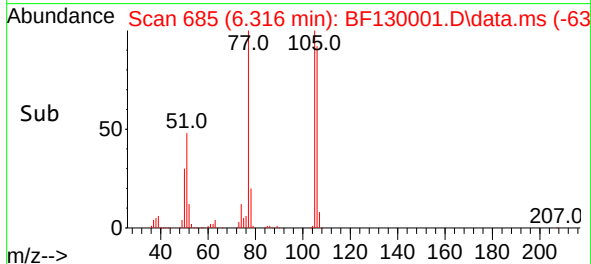
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



Tgt Ion: 77 Resp: 21786
Ion Ratio Lower Upper
77 100
105 99.7 80.3 120.3
106 92.2 74.3 114.3

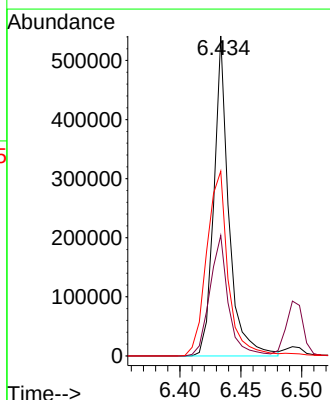
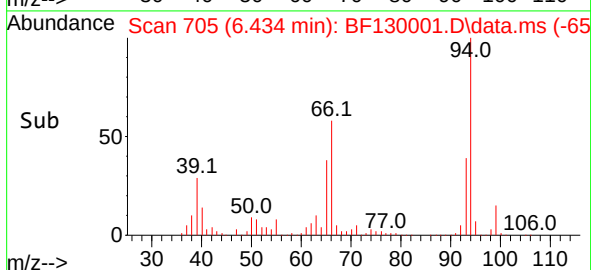
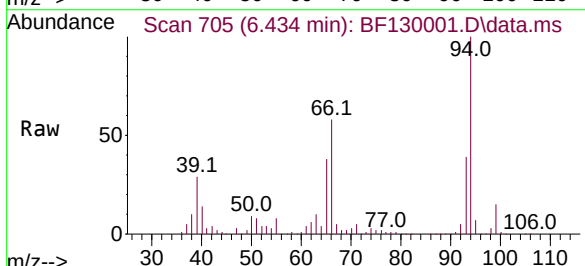
Manual Integrations
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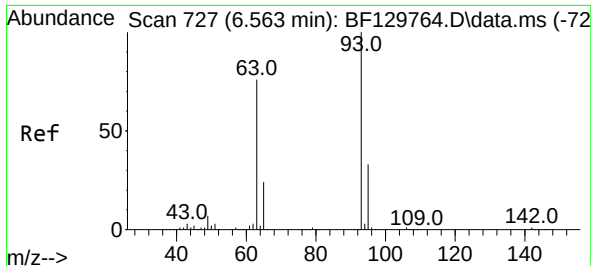
Reviewed By :Christian Giraldo 08/26/2022
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#10
Phenol
Concen: 47.531 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

Tgt Ion: 94 Resp: 462186
Ion Ratio Lower Upper
94 100
65 37.6 24.9 64.9
66 57.7 54.2 94.2





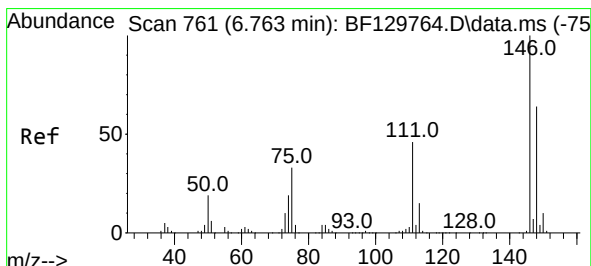
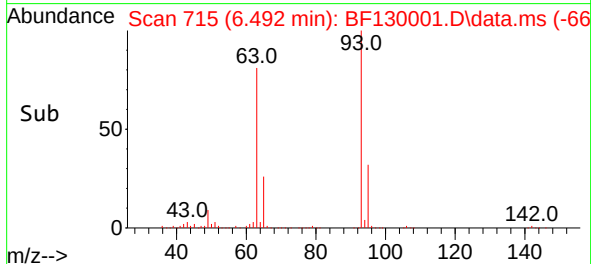
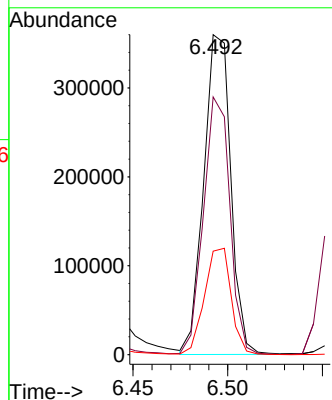
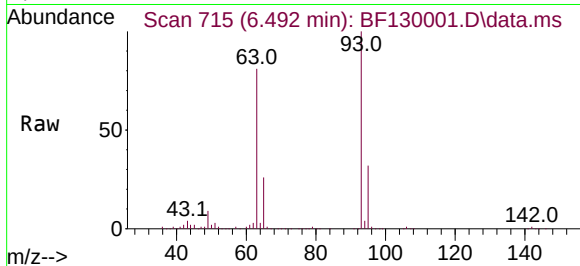
#11
bis(2-Chloroethyl)ether
Concen: 48.477 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD

Tgt Ion: 93 Resp: 357963
Ion Ratio Lower Upper
93 100
63 80.5 55.9 95.9
95 32.3 12.3 52.3

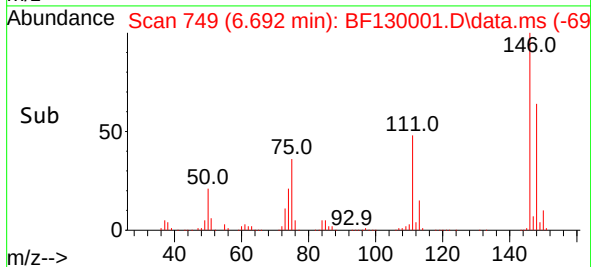
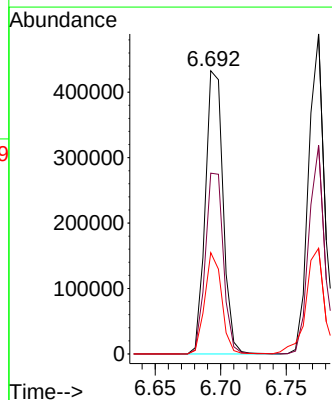
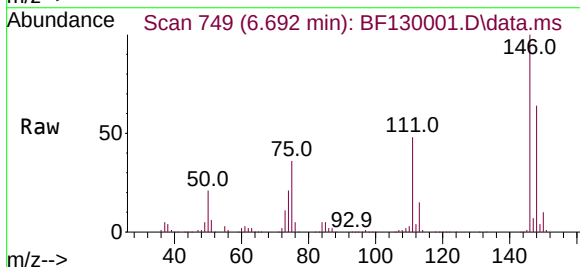
Manual Integrations
APPROVED

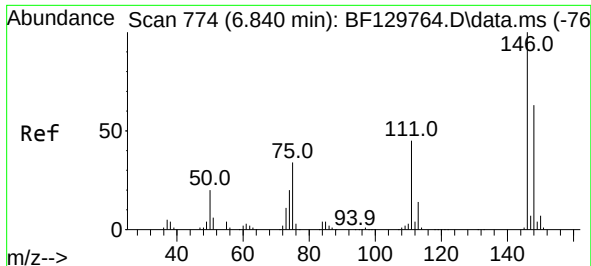
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#12
1,3-Dichlorobenzene
Concen: 47.908 ng
RT: 6.692 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

Tgt Ion:146 Resp: 407584
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
75 35.7 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 47.556 ng

RT: 6.775 min Scan# 70

Delta R.T. -0.000 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

Instrument :

BNA_F

ClientSampleId :

3-4-COMP-2MSD

Tgt Ion:146 Resp: 413400

Ion Ratio Lower Upper

146 100

148 65.2 50.6 75.8

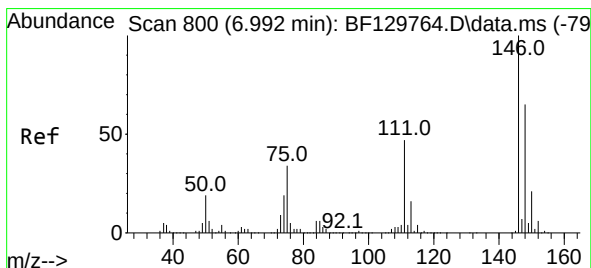
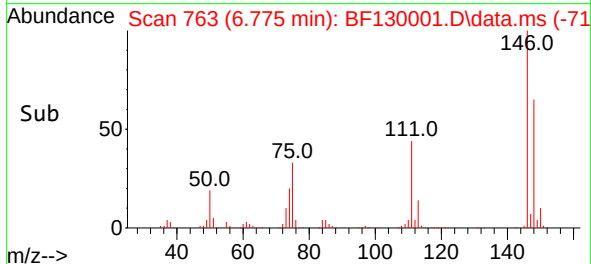
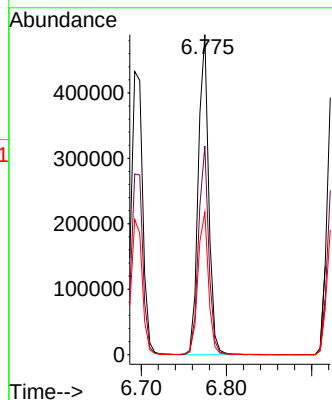
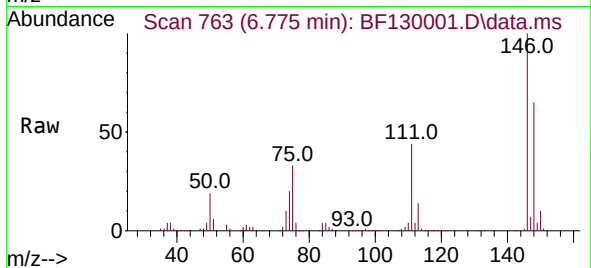
111 44.5 36.2 54.4

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#14

1,2-Dichlorobenzene

Concen: 47.795 ng

RT: 6.928 min Scan# 789

Delta R.T. -0.000 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

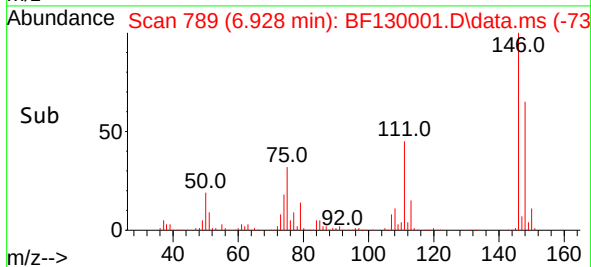
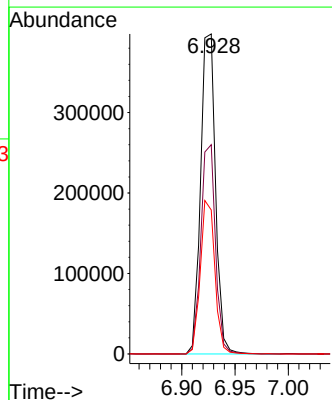
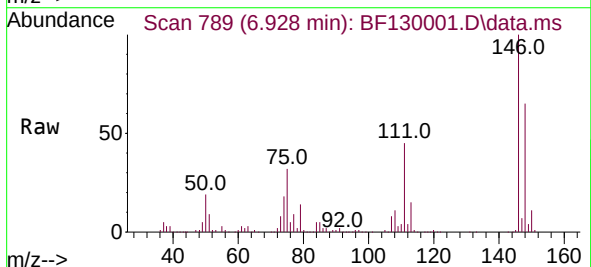
Tgt Ion:146 Resp: 385876

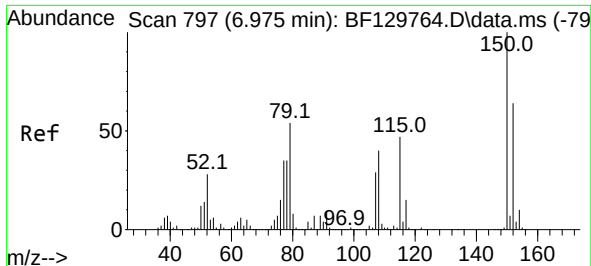
Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.6

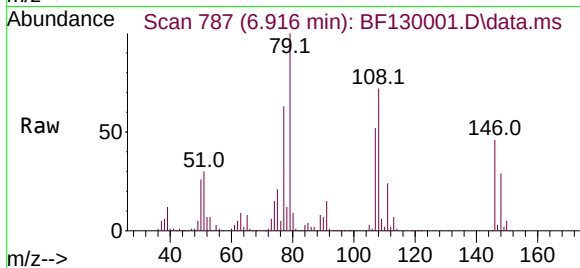
111 45.0 37.2 55.8





#15
Benzyl Alcohol
Concen: 48.989 ng
RT: 6.916 min Scan# 78
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

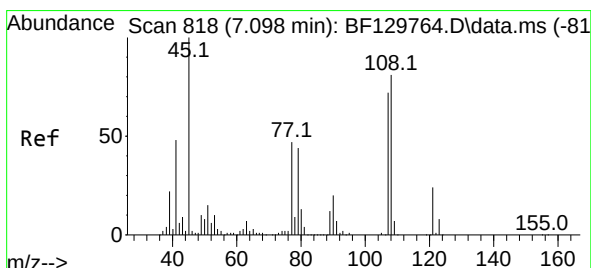
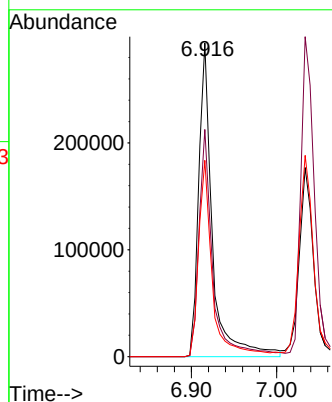
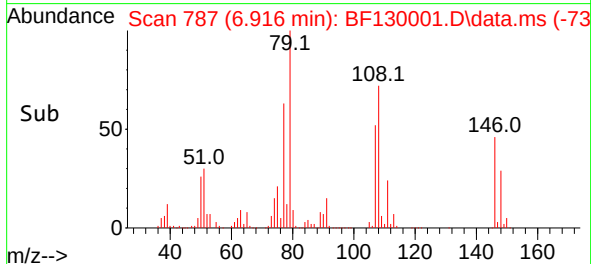
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



Tgt Ion: 79 Resp: 32785
Ion Ratio Lower Upper
79 100
108 72.4 59.2 88.8
77 62.6 51.9 77.9

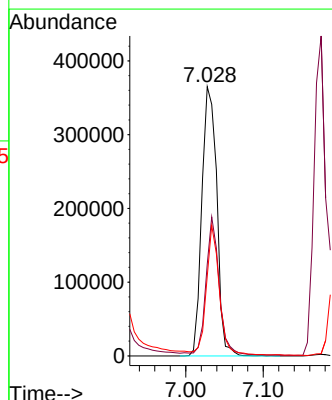
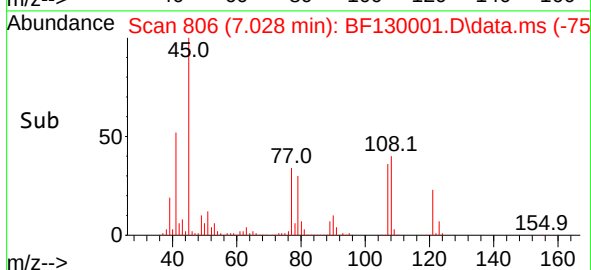
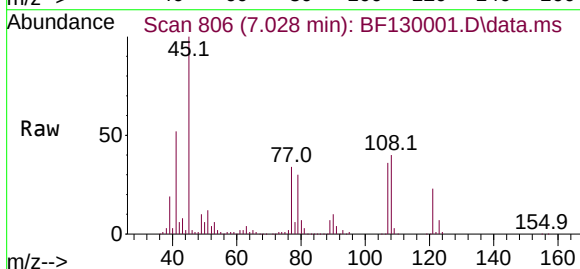
Manual Integrations
APPROVED

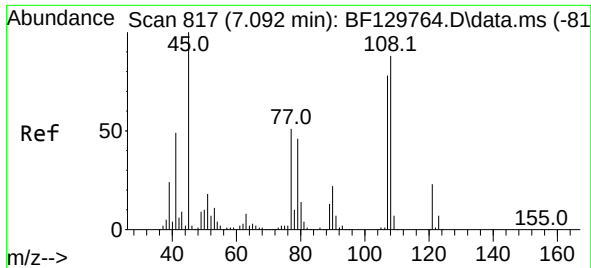
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.324 ng
RT: 7.028 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

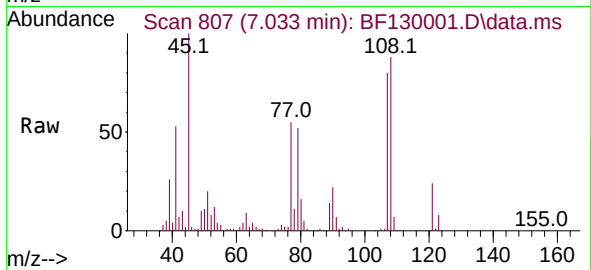
Tgt Ion: 45 Resp: 488035
Ion Ratio Lower Upper
45 100
77 34.0 27.4 67.4
79 29.6 24.4 64.4





#17
2-Methylphenol
Concen: 48.629 ng
RT: 7.033 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

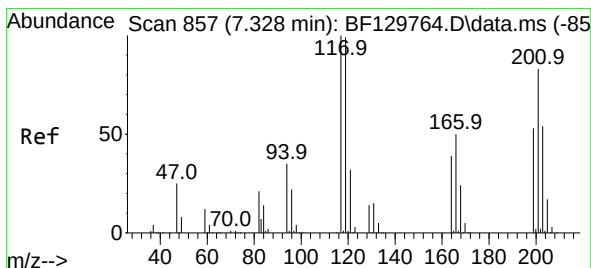
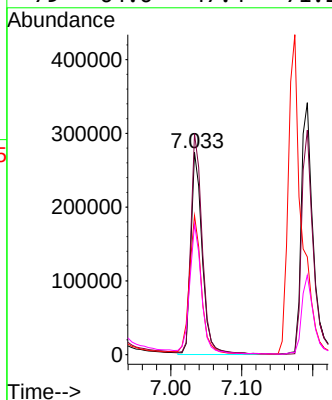
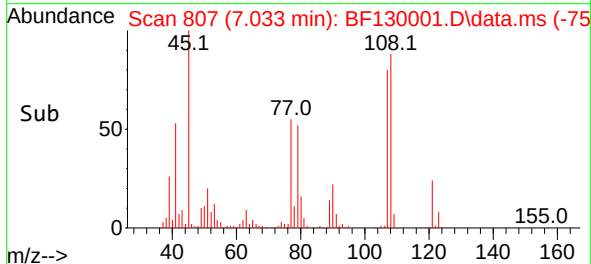
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



Tgt Ion:107 Resp: 30770
Ion Ratio Lower Upper
107 100
108 109.3 90.2 135.2
77 68.7 51.8 77.8
79 64.6 47.4 71.2

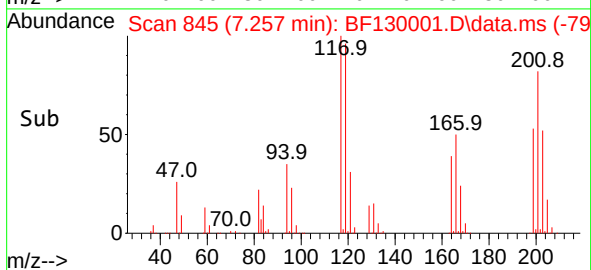
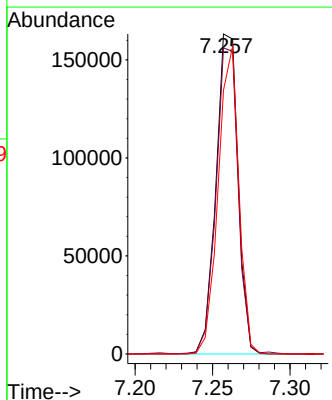
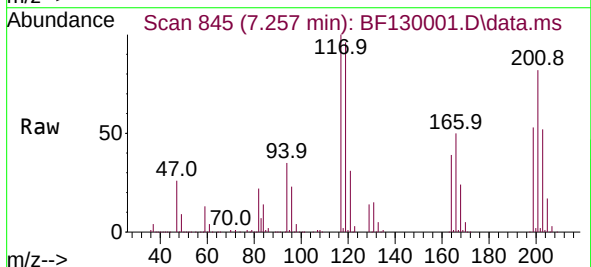
Manual Integrations
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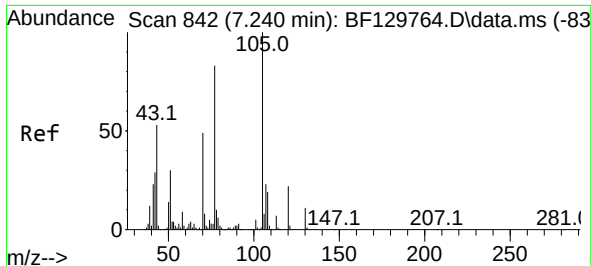
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#18
Hexachloroethane
Concen: 49.556 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

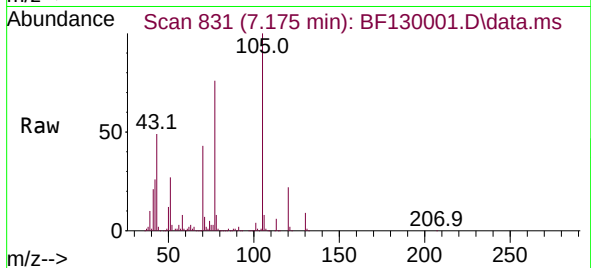
Tgt Ion:117 Resp: 161769
Ion Ratio Lower Upper
117 100
119 95.6 79.1 118.7
201 82.4 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 49.552 ng
RT: 7.175 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

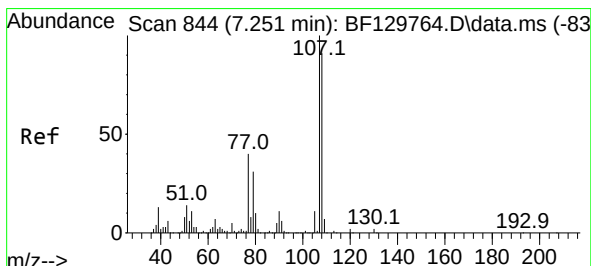
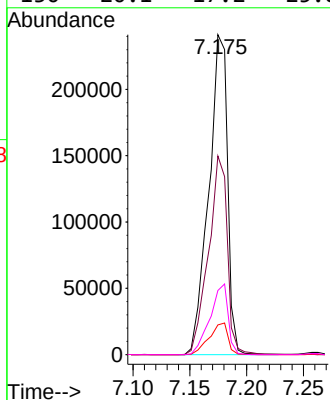
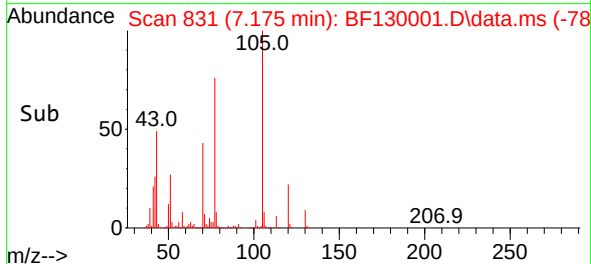
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



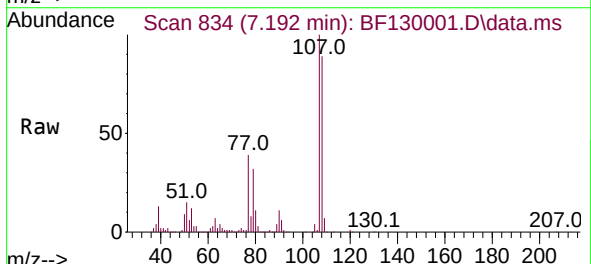
Tgt Ion: 70 Resp: 277658
Ion Ratio Lower Upper
70 100
42 62.1 47.6 71.4
101 9.3 8.1 12.1
130 20.1 17.2 25.8

Manual Integrations
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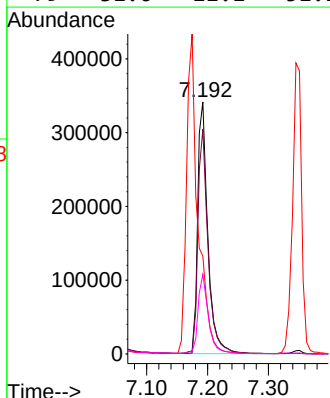
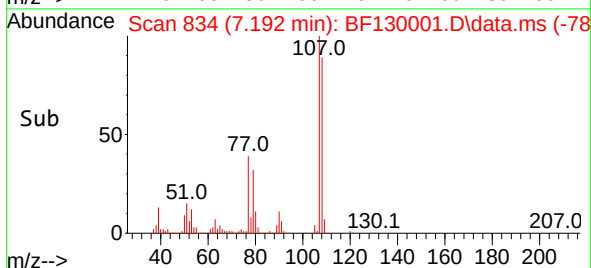
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

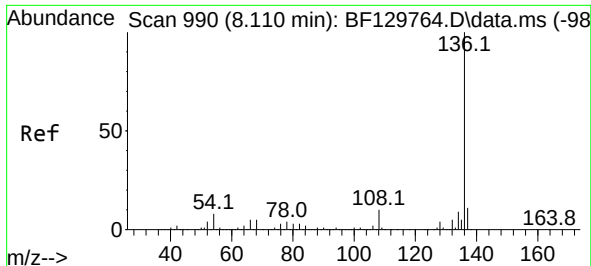


#20
3+4-Methylphenols
Concen: 46.770 ng
RT: 7.192 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03



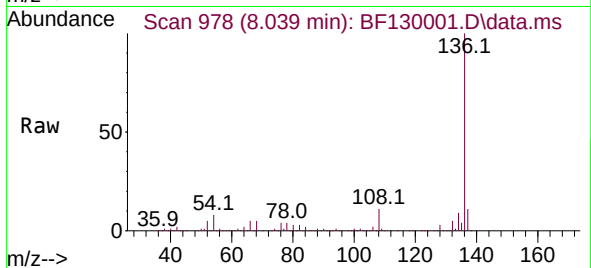
Tgt Ion:107 Resp: 397252
Ion Ratio Lower Upper
107 100
108 89.1 71.3 111.3
77 38.8 20.4 60.4
79 31.6 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

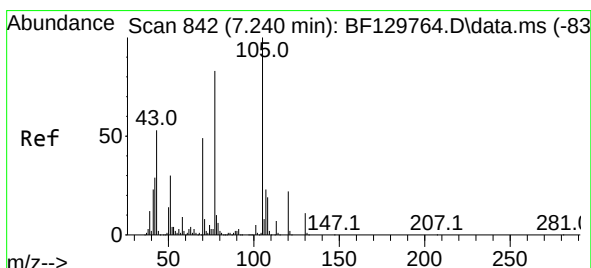
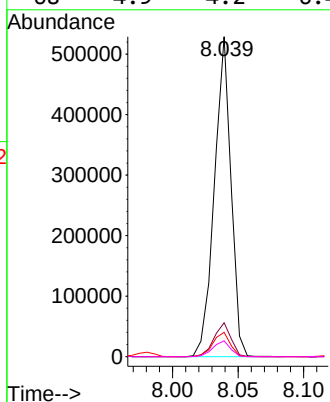
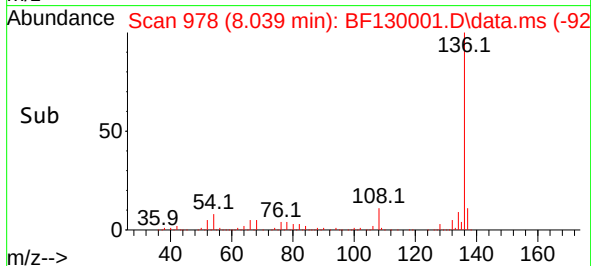
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



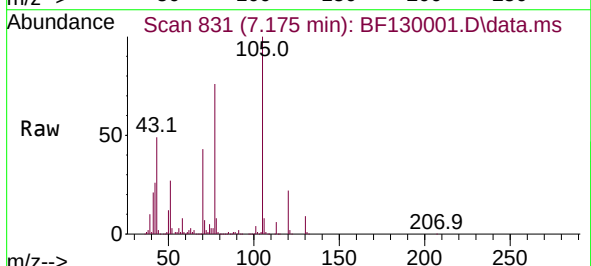
Tgt Ion:136 Resp: 467286
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.6 6.2 9.2
68 4.9 4.2 6.4

Manual Integrations
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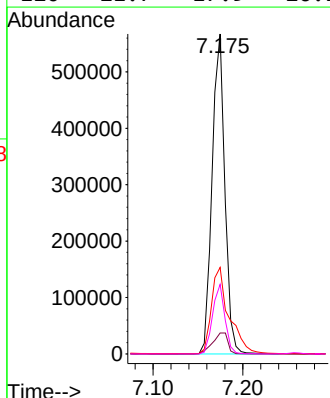
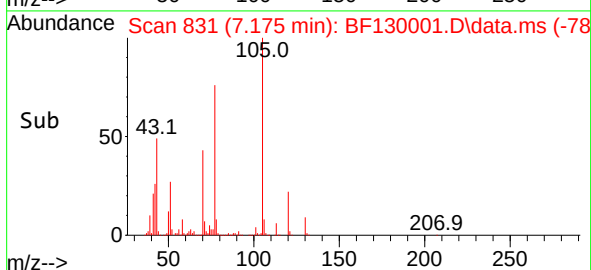
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

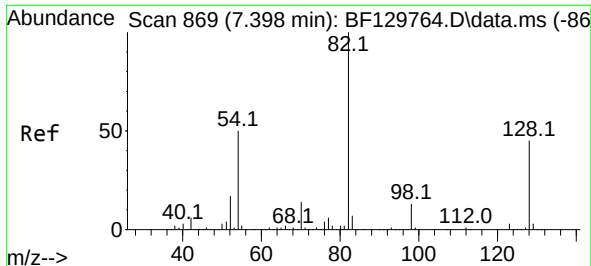


#22
Acetophenone
Concen: 49.081 ng
RT: 7.175 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03



Tgt Ion:105 Resp: 558902
Ion Ratio Lower Upper
105 100
71 6.5 6.6 9.8#
51 27.0 23.8 35.8
120 21.7 17.9 26.9





#23

Nitrobenzene-d5

Concen: 73.652 ng

RT: 7.328 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

Instrument :

BNA_F

ClientSampleId :

3-4-COMP-2MSD

Tgt Ion: 82 Resp: 642920

Ion Ratio Lower Upper

82 100

128 41.7 36.1 54.1

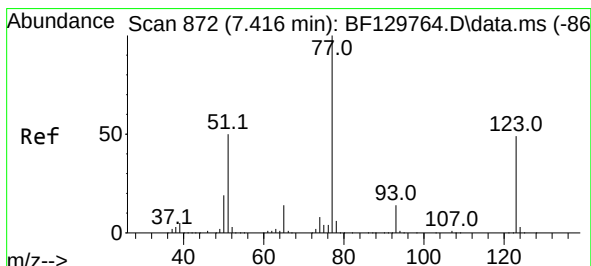
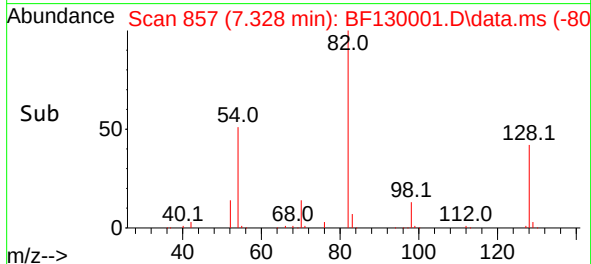
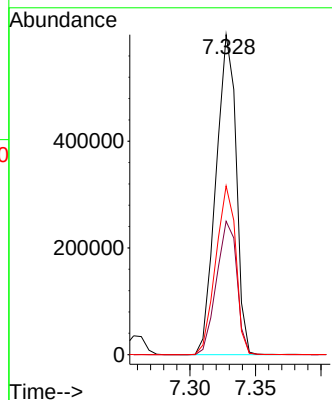
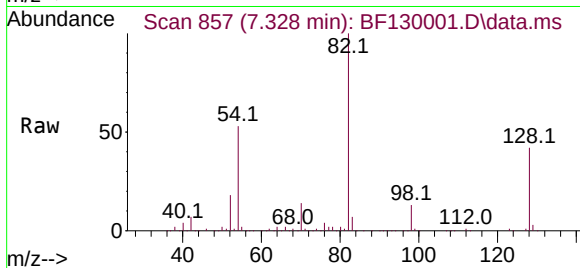
54 52.8 40.0 60.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#24

Nitrobenzene

Concen: 46.433 ng

RT: 7.345 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

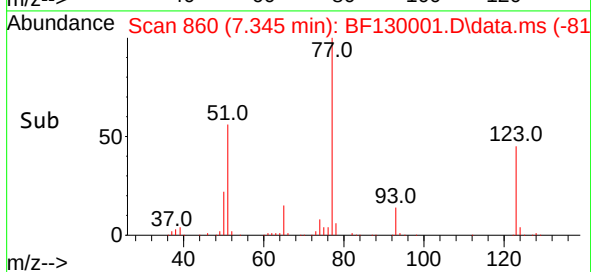
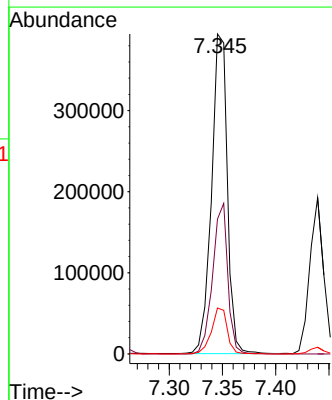
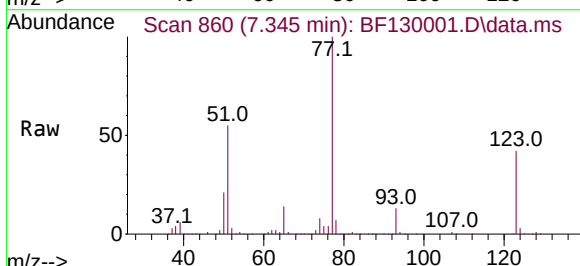
Tgt Ion: 77 Resp: 408707

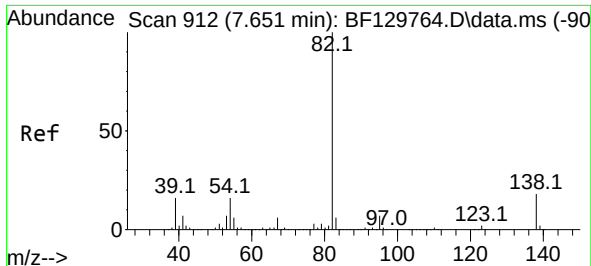
Ion Ratio Lower Upper

77 100

123 42.2 39.2 58.8

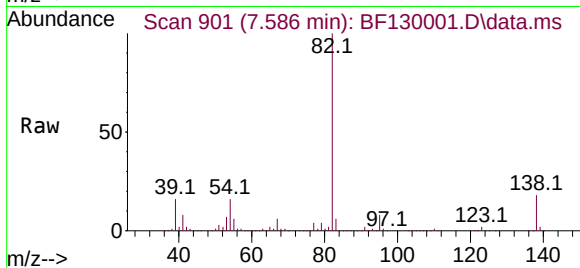
65 14.3 11.1 16.7





#25
Isophorone
Concen: 48.074 ng
RT: 7.586 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

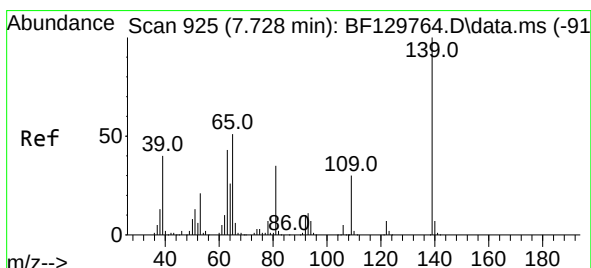
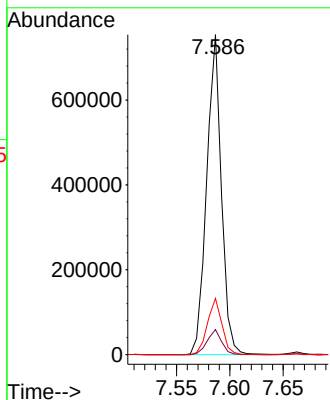
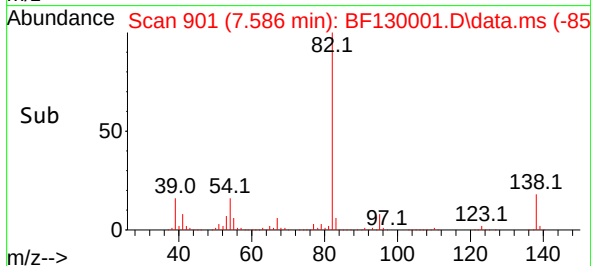
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



Tgt Ion: 82 Resp: 722264
Ion Ratio Lower Upper
82 100
95 7.8 5.9 8.9
138 17.6 14.6 21.8

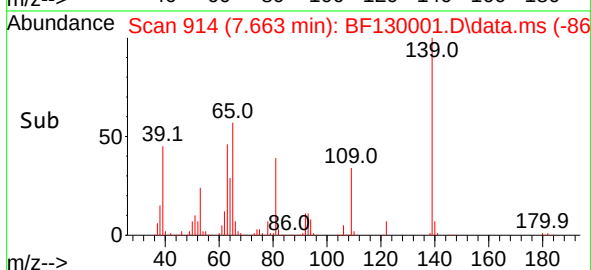
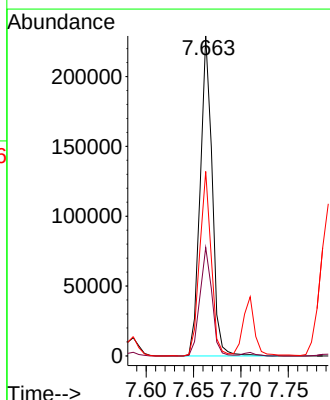
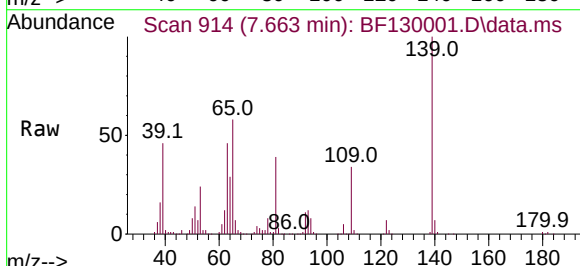
Manual Integrations
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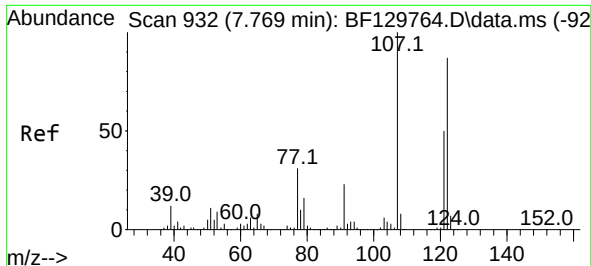
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#26
2-Nitrophenol
Concen: 46.539 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

Tgt Ion:139 Resp: 201492
Ion Ratio Lower Upper
139 100
109 33.9 24.4 36.6
65 57.6 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 51.352 ng

RT: 7.710 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130001.D

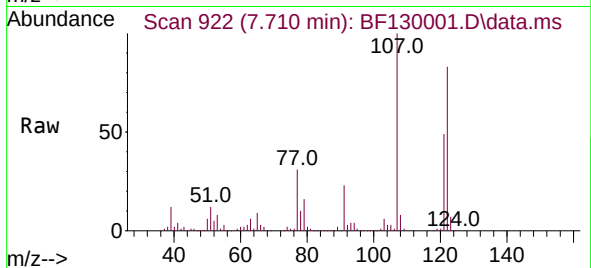
Acq: 25 Aug 2022 16:03

Instrument :

BNA_F

ClientSampleId :

3-4-COMP-2MSD

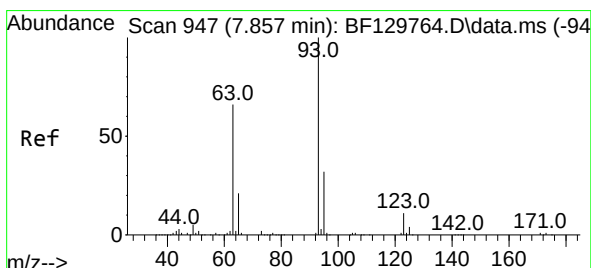
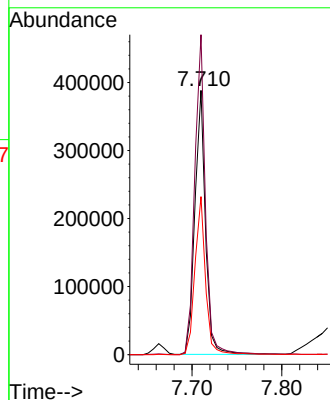
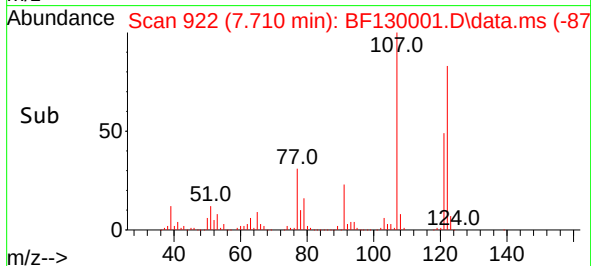


Tgt Ion:	122	Resp:	31885
Ion Ratio	Lower	Upper	
122	100		
107	121.1	92.2	138.4
121	59.8	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#28

bis(2-Chloroethoxy)methane

Concen: 49.862 ng

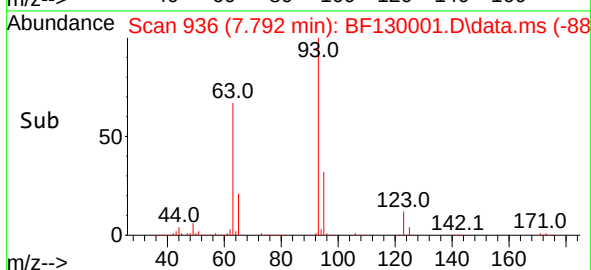
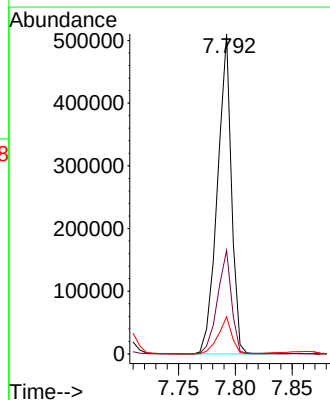
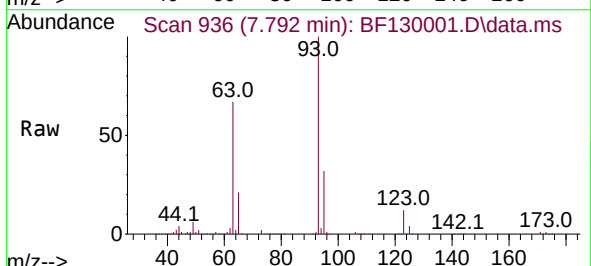
RT: 7.792 min Scan# 936

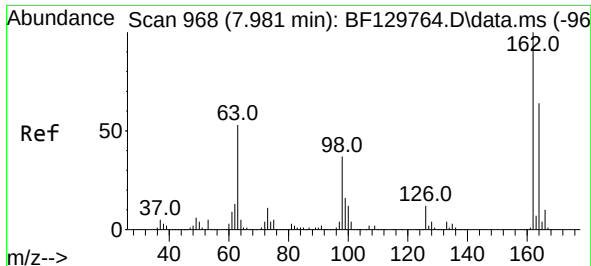
Delta R.T. -0.000 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

Tgt Ion:	93	Resp:	437403
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.6	38.4
123	11.6	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 45.292 ng

RT: 7.916 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

Instrument :

BNA_F

ClientSampleId :

3-4-COMP-2MSD

Tgt Ion:162 Resp: 30750

Ion Ratio Lower Upper

162 100

164 62.1 43.7 83.7

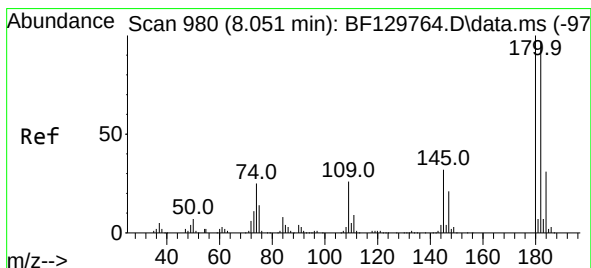
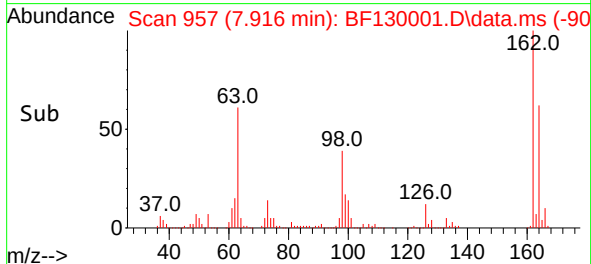
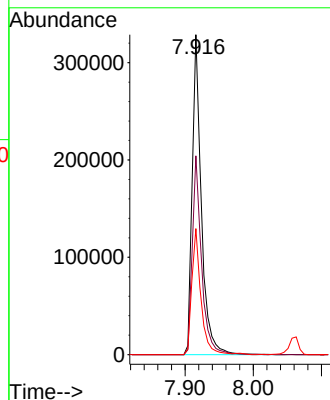
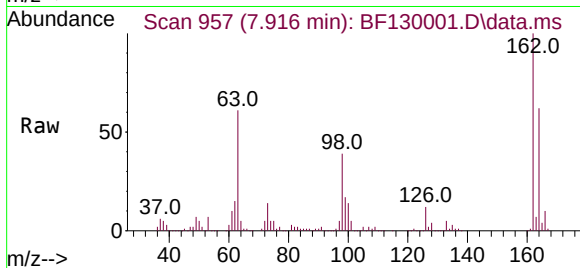
98 39.4 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.737 ng

RT: 7.980 min Scan# 968

Delta R.T. -0.000 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

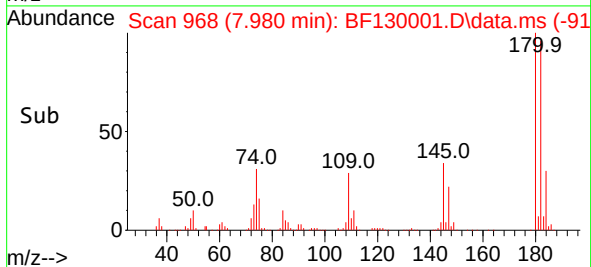
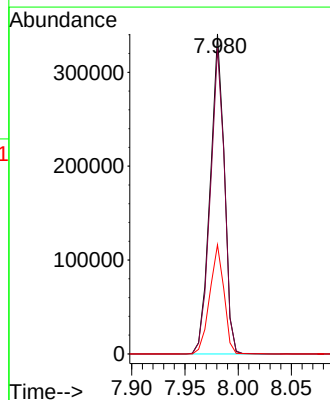
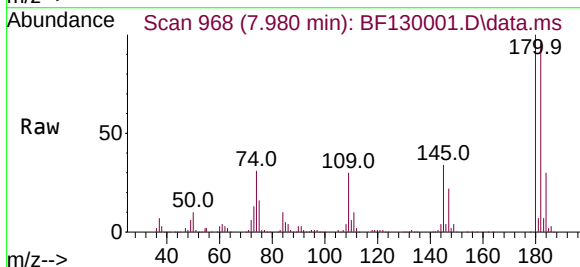
Tgt Ion:180 Resp: 313267

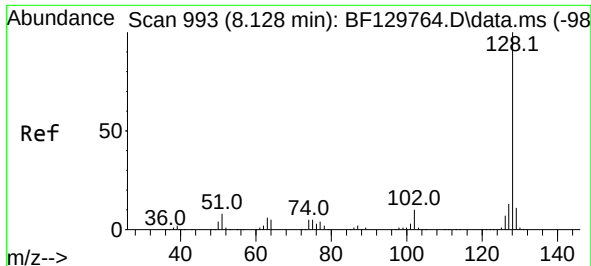
Ion Ratio Lower Upper

180 100

182 95.6 77.6 116.4

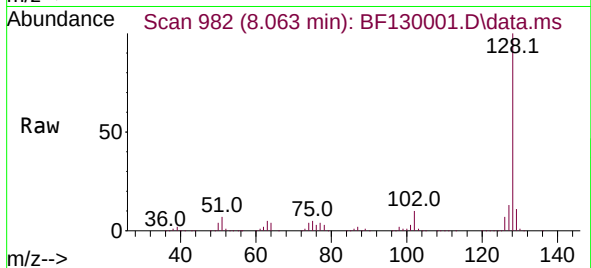
145 34.1 25.6 38.4





#31
Naphthalene
Concen: 44.037 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

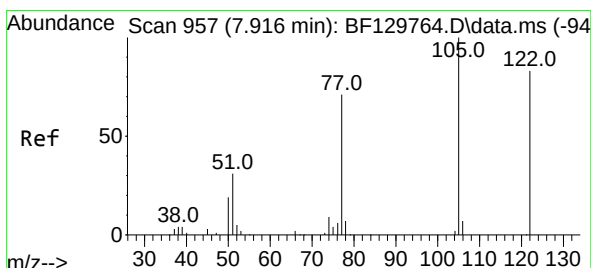
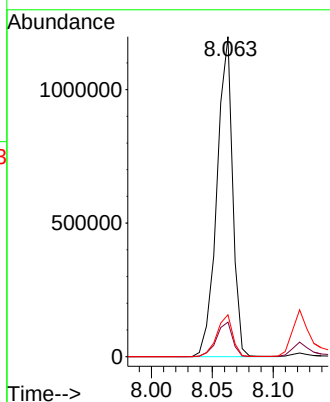
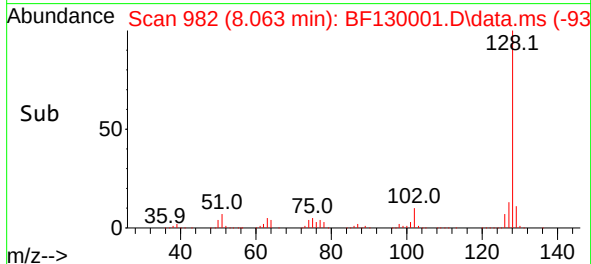
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



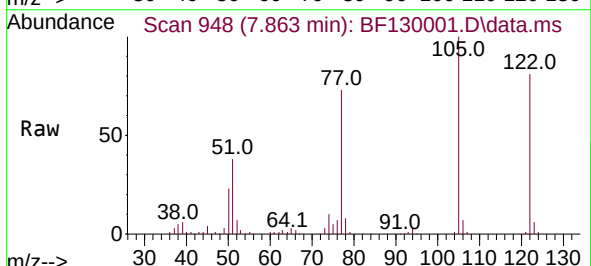
Tgt Ion:128 Resp: 1075947
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.1 10.7 16.1

Manual Integrations
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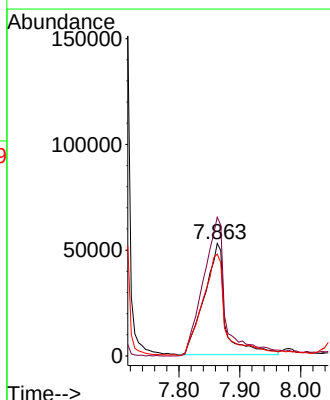
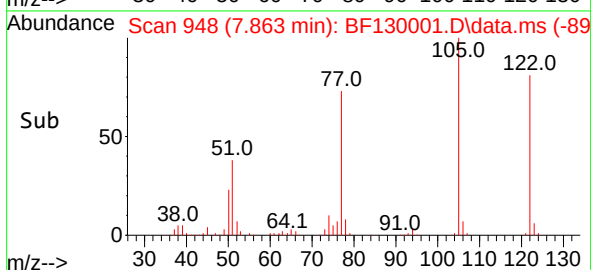
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

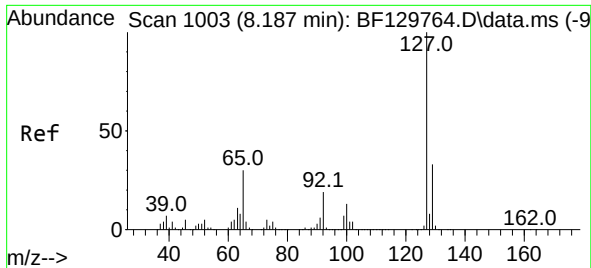


#32
Benzoic acid
Concen: 46.321 ng
RT: 7.863 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03



Tgt Ion:122 Resp: 127625
Ion Ratio Lower Upper
122 100
105 123.4 99.9 139.9
77 90.6 65.9 105.9





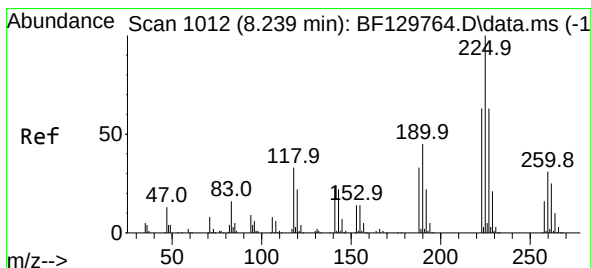
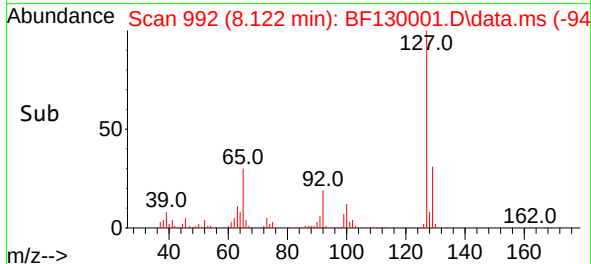
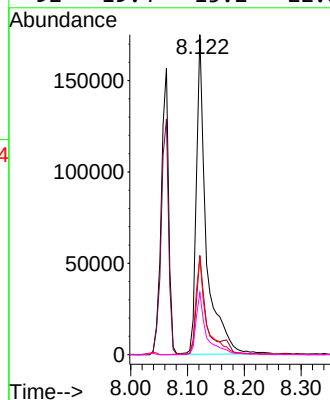
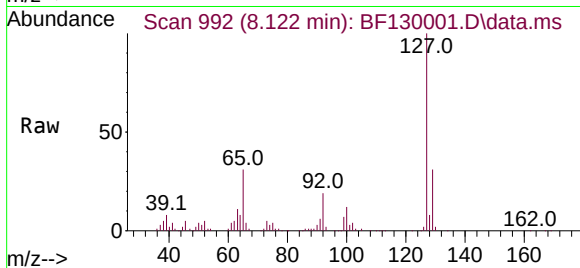
#33
4-Chloroaniline
Concen: 22.184 ng
RT: 8.122 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD

Tgt Ion:127 Resp: 21314
Ion Ratio Lower Upper
127 100
129 31.0 26.7 40.1
65 30.6 24.2 36.2
92 19.4 15.2 22.8

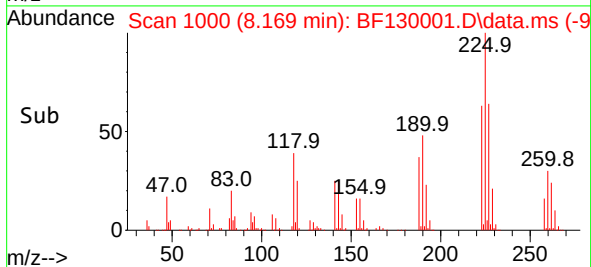
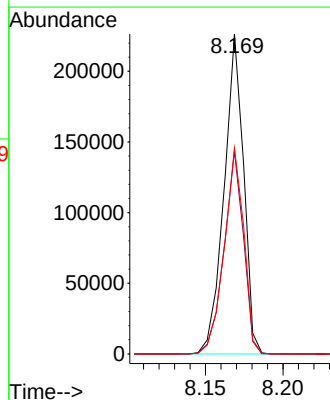
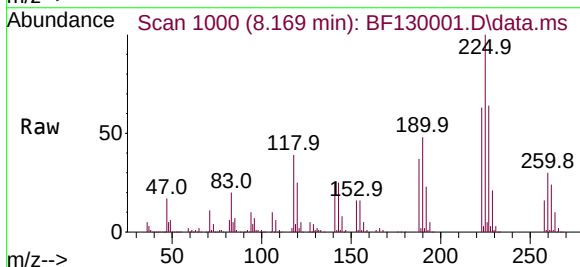
Manual Integrations
APPROVED

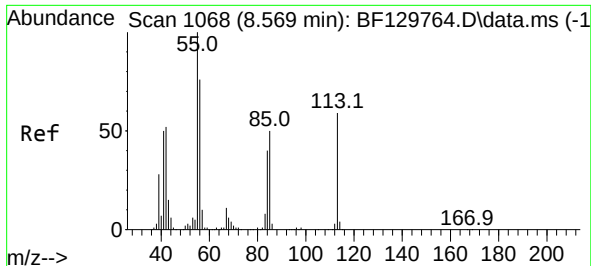
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#34
Hexachlorobutadiene
Concen: 45.434 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

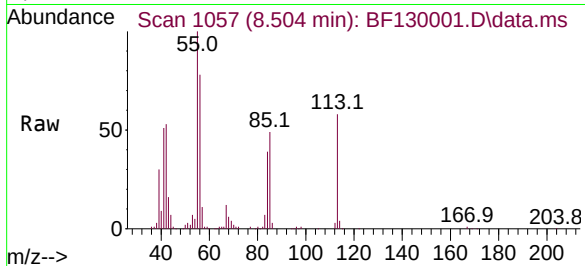
Tgt Ion:225 Resp: 198153
Ion Ratio Lower Upper
225 100
223 63.4 50.2 75.2
227 64.4 50.6 75.8





#35
Caprolactam
Concen: 42.938 ng m
RT: 8.504 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

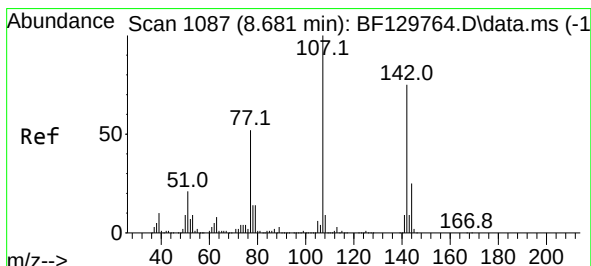
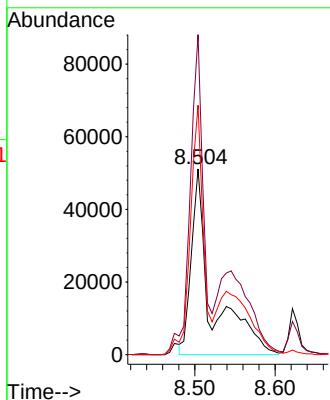
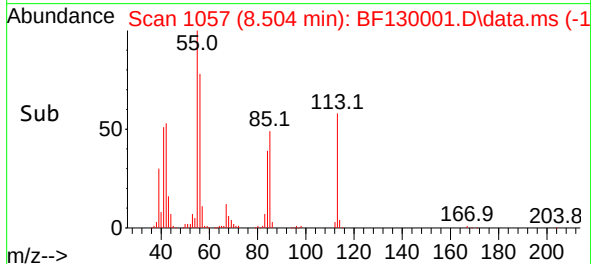
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



Tgt Ion:113 Resp: 90656
Ion Ratio Lower Upper
113 100
55 172.3 148.8 188.8
56 134.3 109.1 149.1

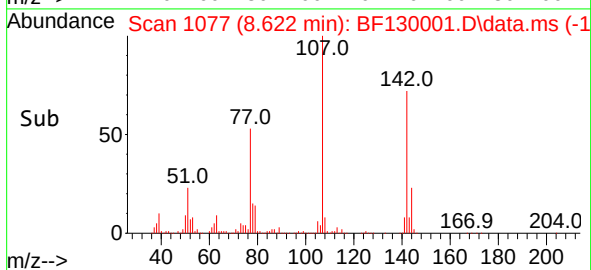
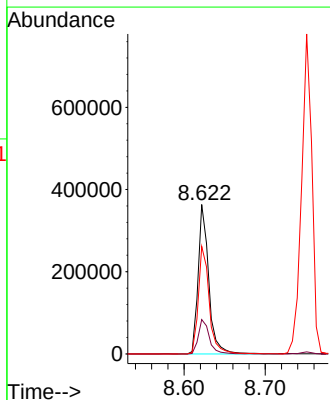
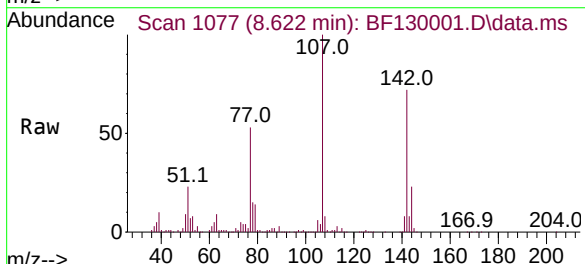
Manual Integrations
APPROVED

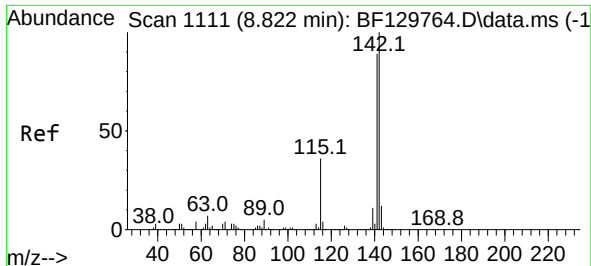
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#36
4-Chloro-3-methylphenol
Concen: 44.938 ng
RT: 8.622 min Scan# 1077
Delta R.T. 0.006 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

Tgt Ion:107 Resp: 329155
Ion Ratio Lower Upper
107 100
144 23.0 19.9 29.9
142 71.9 60.2 90.4





#37

2-Methylnaphthalene

Concen: 43.184 ng

RT: 8.751 min Scan# 1109

Delta R.T. -0.000 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

Instrument :

BNA_F

ClientSampleId :

3-4-COMP-2MSD

Tgt Ion:142 Resp: 692497

Ion Ratio Lower Upper

142 100

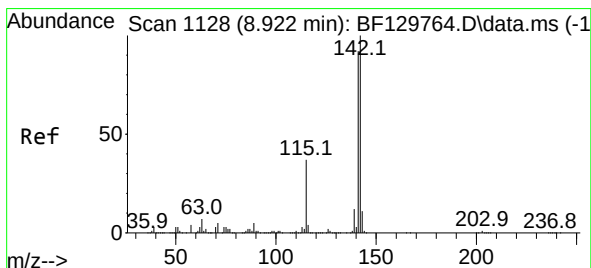
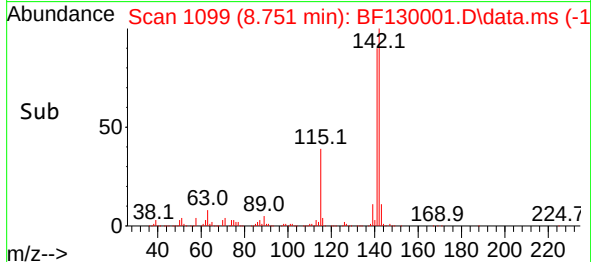
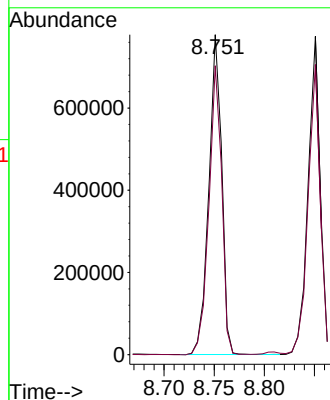
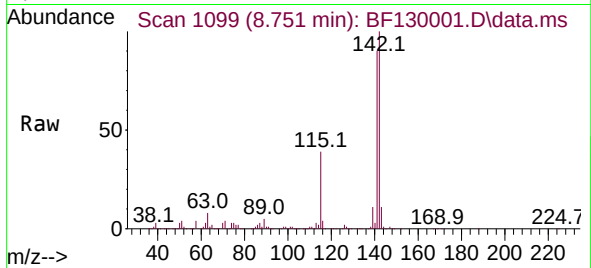
141 90.3 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#38

1-Methylnaphthalene

Concen: 41.826 ng

RT: 8.851 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BF130001.D

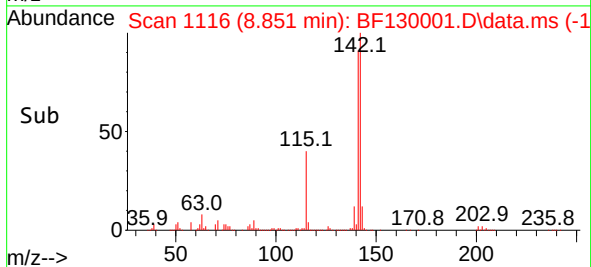
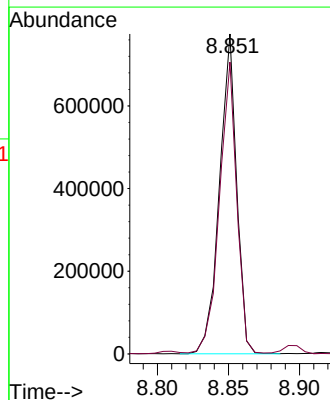
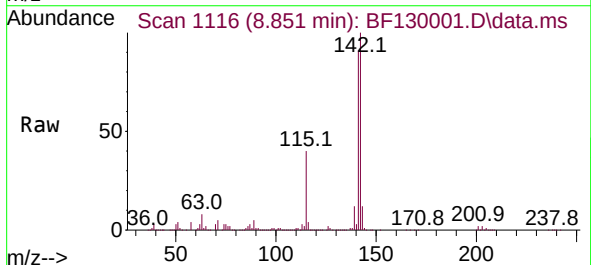
Acq: 25 Aug 2022 16:03

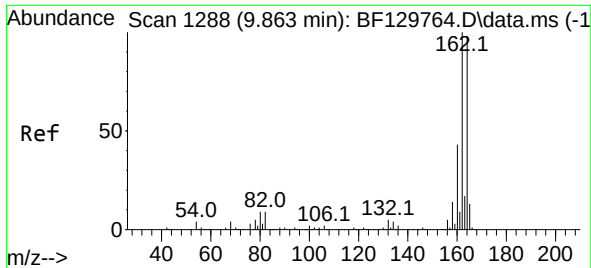
Tgt Ion:142 Resp: 651836

Ion Ratio Lower Upper

142 100

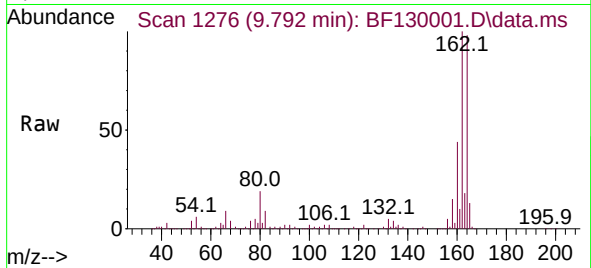
141 91.2 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

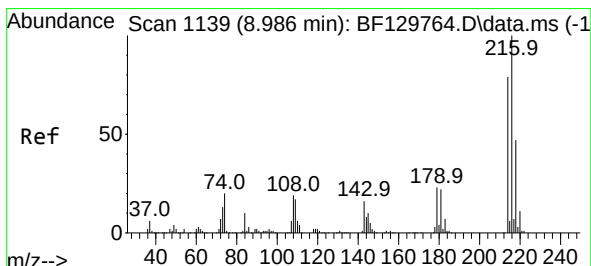
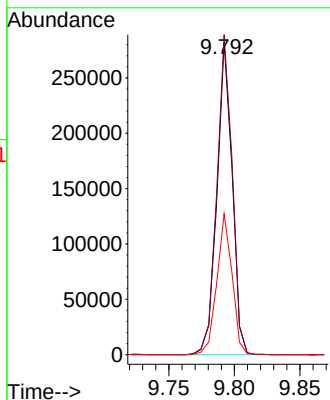
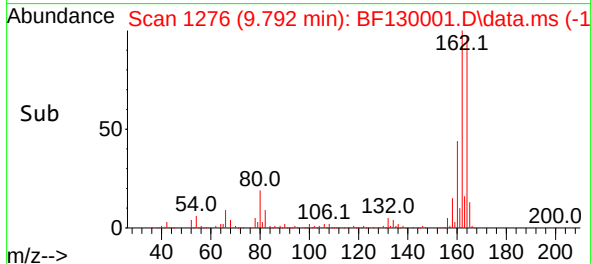
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



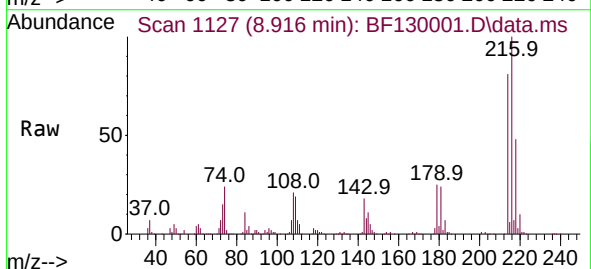
Tgt Ion:164 Resp: 227903
Ion Ratio Lower Upper
164 100
162 102.5 82.0 123.0
160 45.1 35.4 53.0

Manual Integrations
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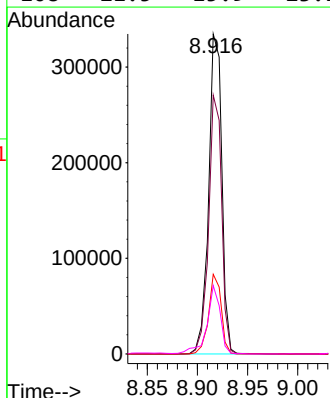
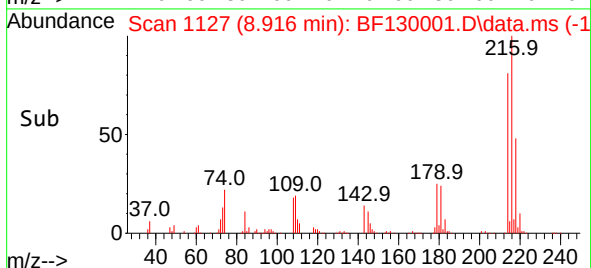
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

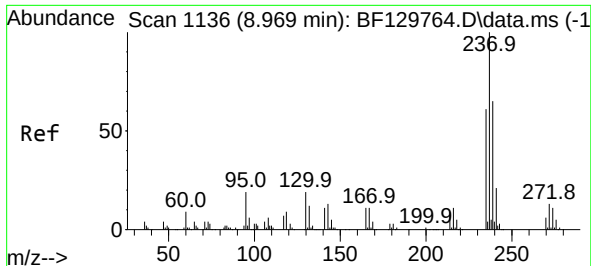


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.142 ng
RT: 8.916 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03



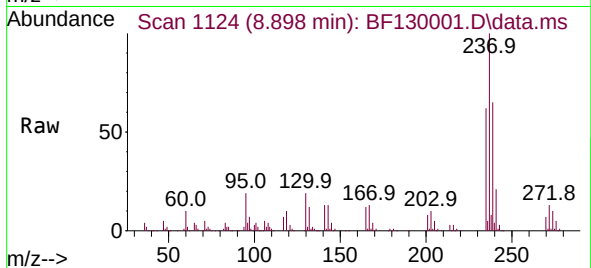
Tgt Ion:216 Resp: 305156
Ion Ratio Lower Upper
216 100
214 79.8 63.1 94.7
179 23.7 18.1 27.1
108 21.5 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 69.896 ng
RT: 8.898 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

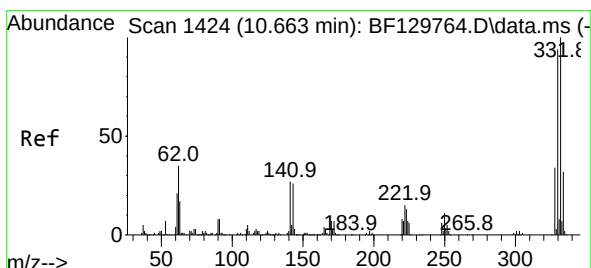
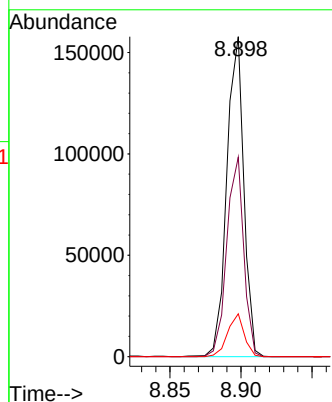
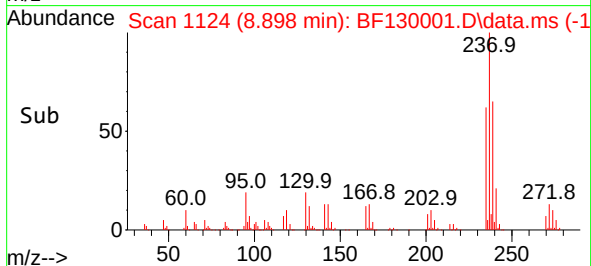
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



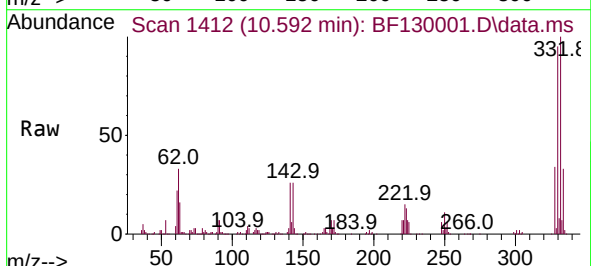
Tgt Ion:237 Resp: 131937
Ion Ratio Lower Upper
237 100
235 62.3 41.5 81.5
272 13.4 0.0 33.3

Manual Integrations
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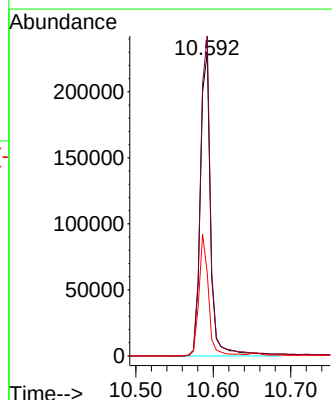
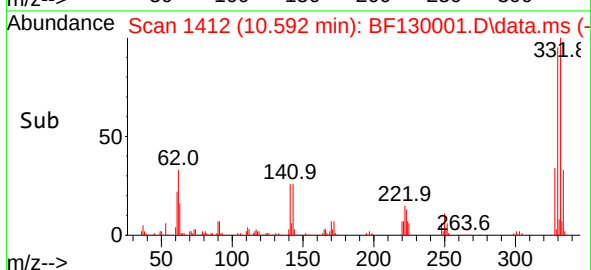
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

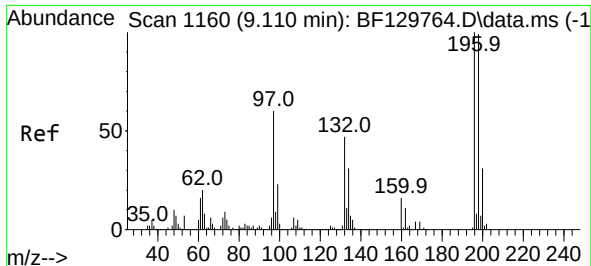


#42
2,4,6-Tribromophenol
Concen: 92.488 ng
RT: 10.592 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03



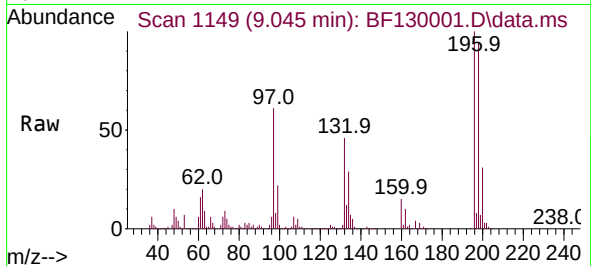
Tgt Ion:330 Resp: 211552
Ion Ratio Lower Upper
330 100
332 104.3 82.6 124.0
141 37.2 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 45.744 ng
RT: 9.045 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

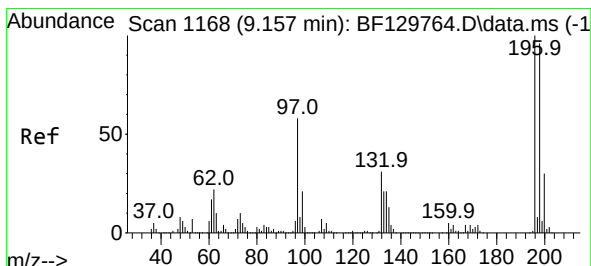
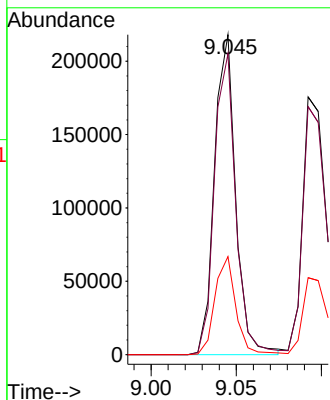
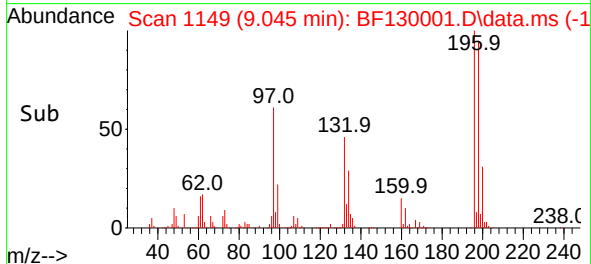
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



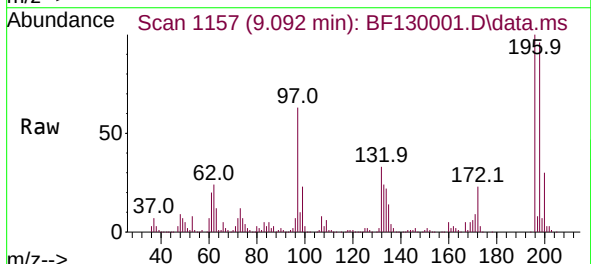
Tgt Ion:196 Resp: 188395
Ion Ratio Lower Upper
196 100
198 94.0 79.0 118.4
200 30.6 25.1 37.7

Manual Integrations
APPROVED

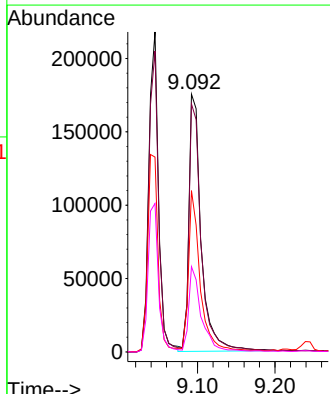
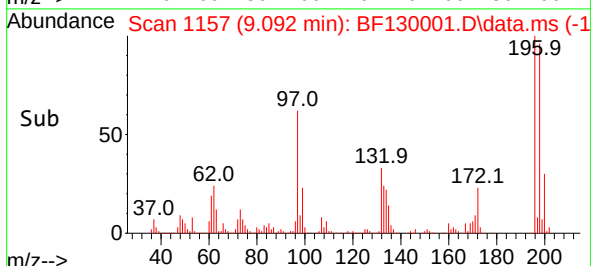
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

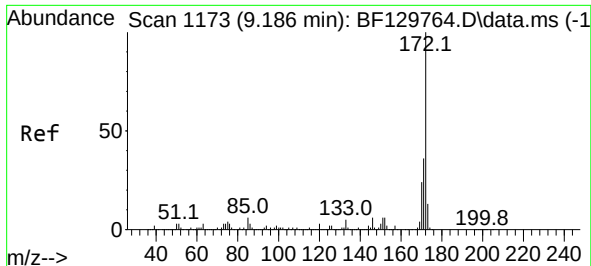


#44
2,4,5-Trichlorophenol
Concen: 43.786 ng
RT: 9.092 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03



Tgt Ion:196 Resp: 194009
Ion Ratio Lower Upper
196 100
198 96.2 76.4 114.6
97 62.6 46.5 69.7
132 33.0 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 73.663 ng

RT: 9.116 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

Instrument :

BNA_F

ClientSampleId :

3-4-COMP-2MSD

Tgt Ion:172 Resp: 110534

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

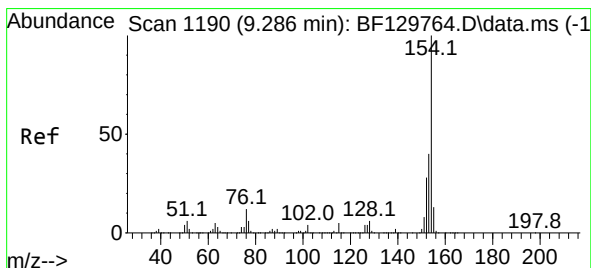
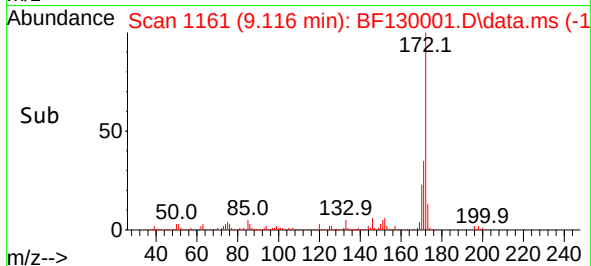
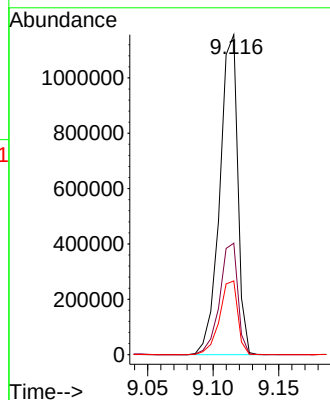
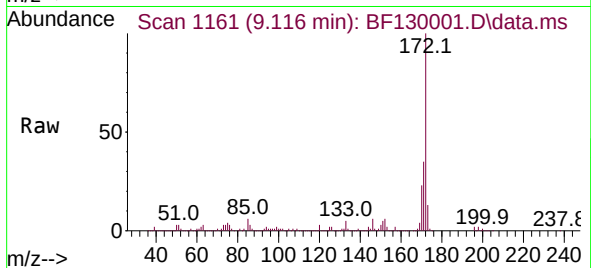
170 23.0 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#46

1,1'-Biphenyl

Concen: 48.098 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

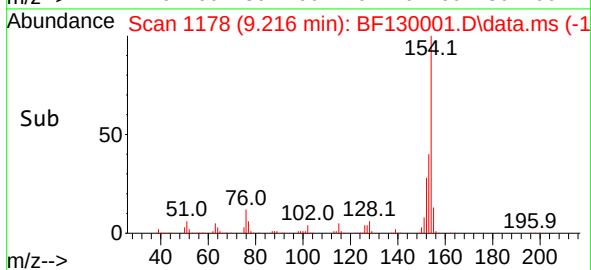
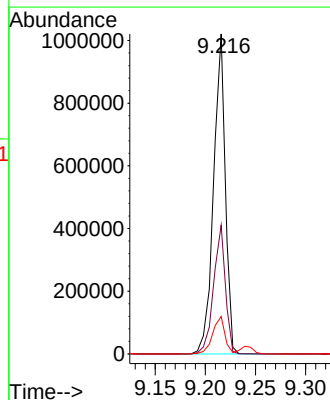
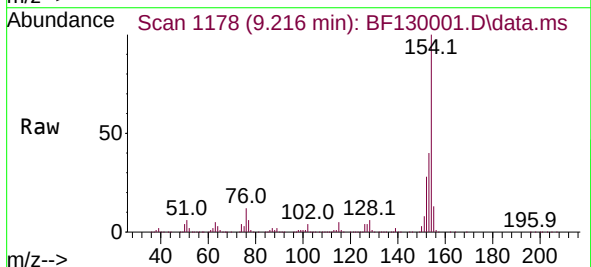
Tgt Ion:154 Resp: 832744

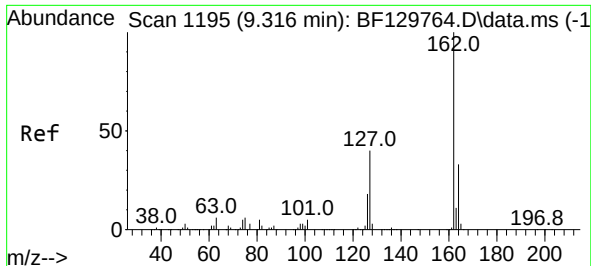
Ion Ratio Lower Upper

154 100

153 40.2 20.2 60.2

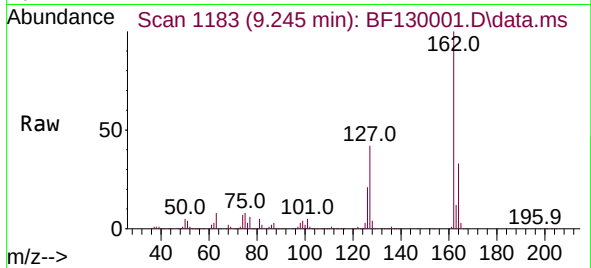
76 11.7 0.0 32.1





#47
2-Chloronaphthalene
Concen: 46.939 ng
RT: 9.245 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

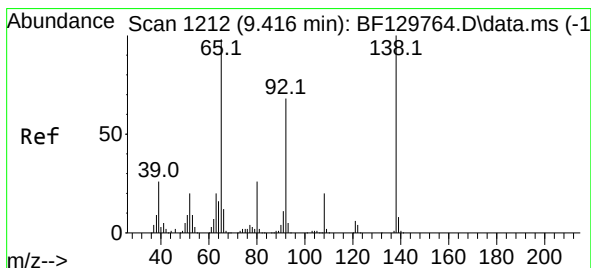
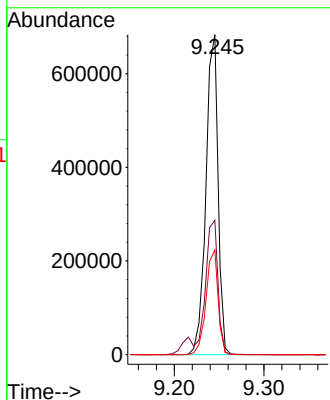
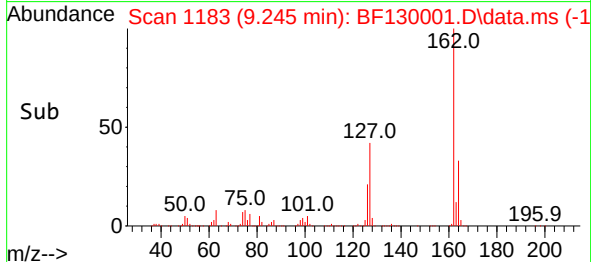
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



Tgt Ion: 162 Resp: 643022
Ion Ratio Lower Upper
162 100
127 41.9 33.1 49.7
164 32.7 26.7 40.1

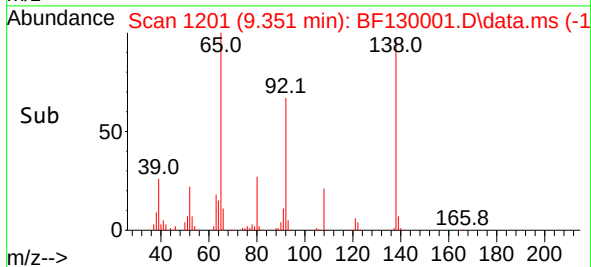
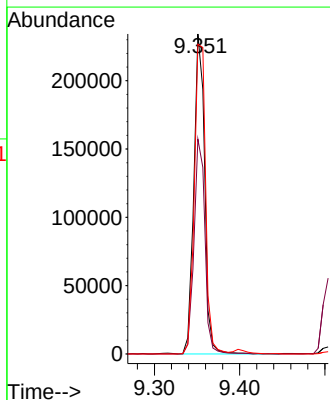
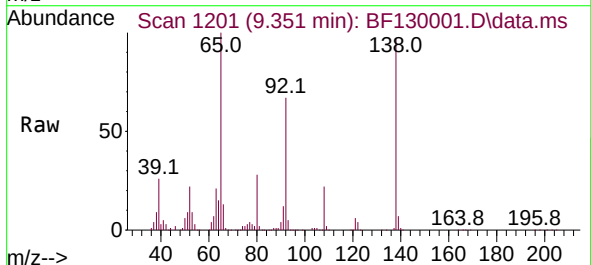
Manual Integrations
APPROVED

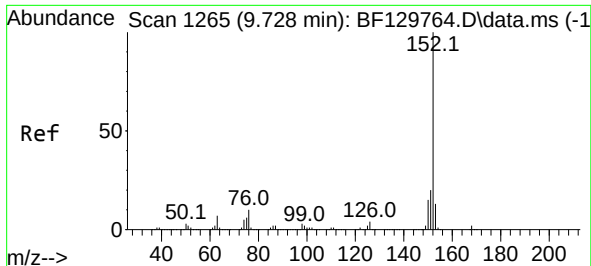
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#48
2-Nitroaniline
Concen: 47.679 ng
RT: 9.351 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

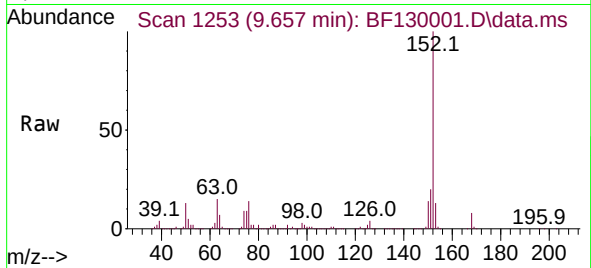
Tgt Ion: 65 Resp: 206411
Ion Ratio Lower Upper
65 100
92 67.1 55.0 82.4
138 96.8 81.3 121.9





#49
Acenaphthylene
Concen: 44.603 ng
RT: 9.657 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

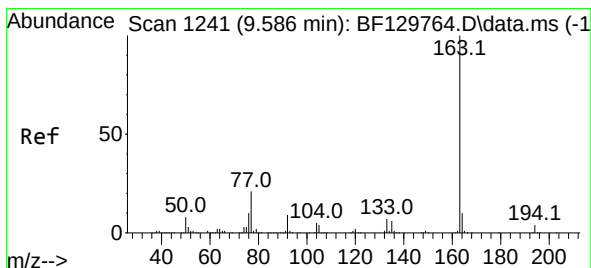
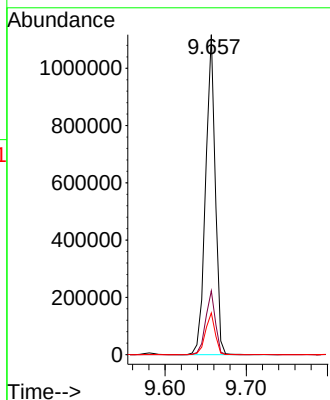
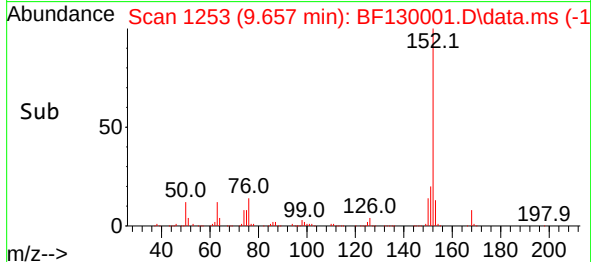
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



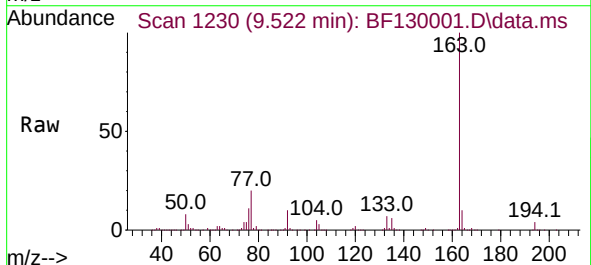
Tgt Ion:152 Resp: 926548
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.0 10.6 16.0

Manual Integrations
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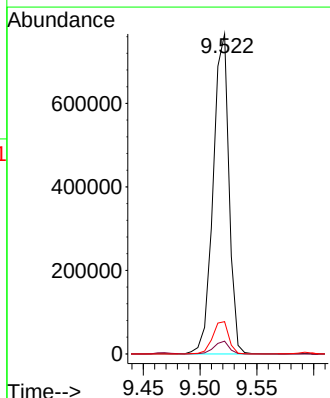
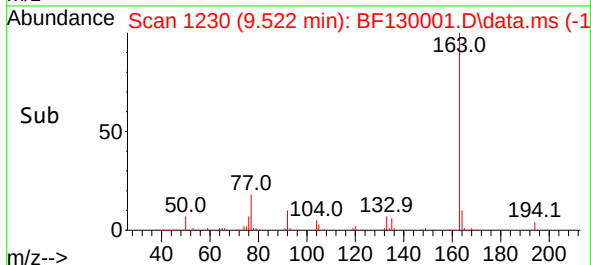
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

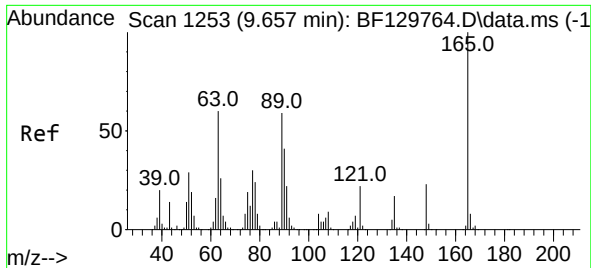


#50
Dimethylphthalate
Concen: 45.355 ng
RT: 9.522 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03



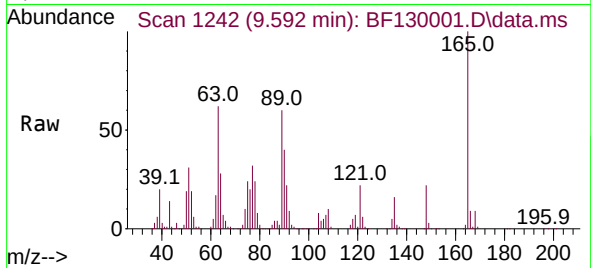
Tgt Ion:163 Resp: 740990
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.657 ng
RT: 9.592 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

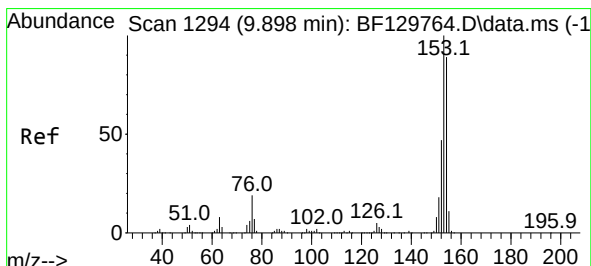
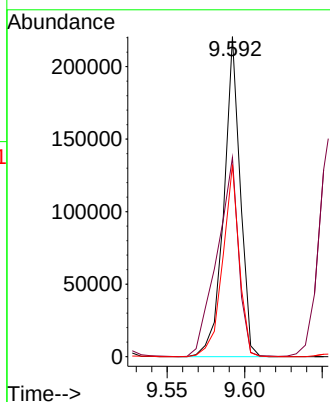
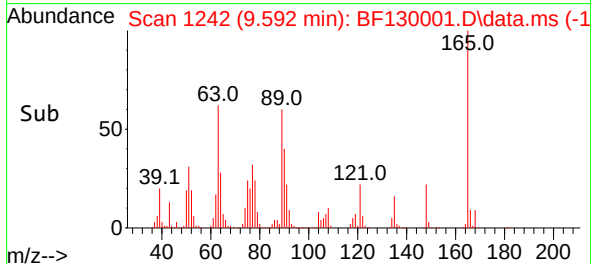
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



Tgt Ion:165 Resp: 161809
Ion Ratio Lower Upper
165 100
63 62.2 47.8 71.8
89 60.0 47.2 70.8

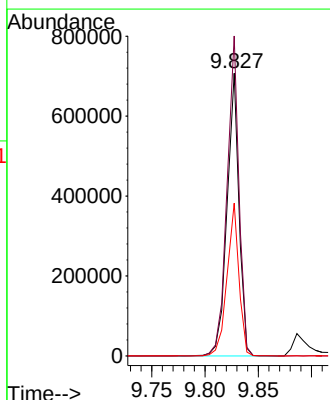
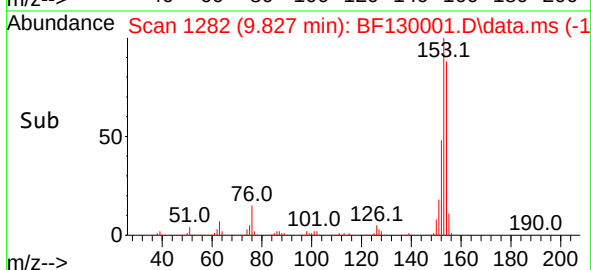
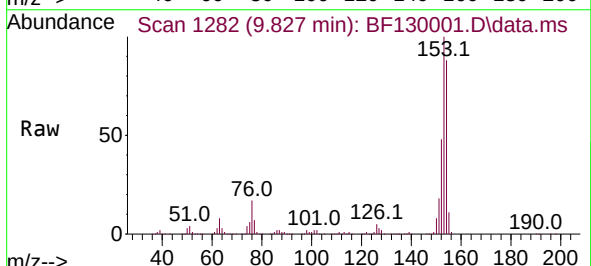
Manual Integrations
APPROVED

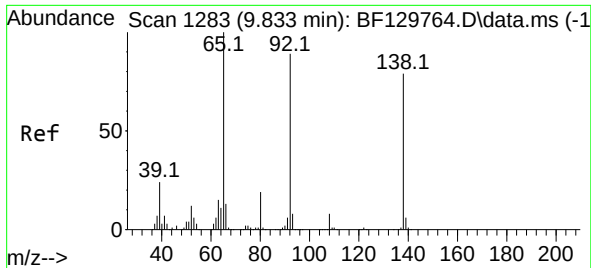
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#52
Acenaphthene
Concen: 43.864 ng
RT: 9.827 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

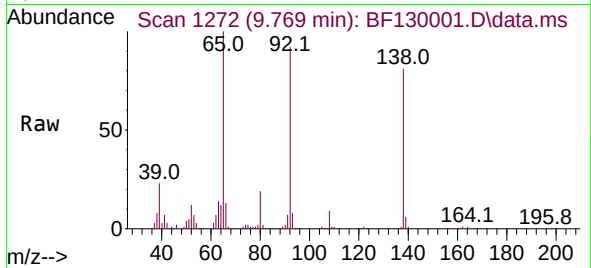
Tgt Ion:154 Resp: 552834
Ion Ratio Lower Upper
154 100
153 113.2 89.8 134.6
152 54.0 42.1 63.1





#53
3-Nitroaniline
Concen: 26.349 ng
RT: 9.769 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

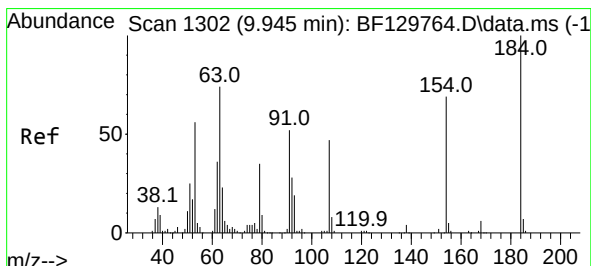
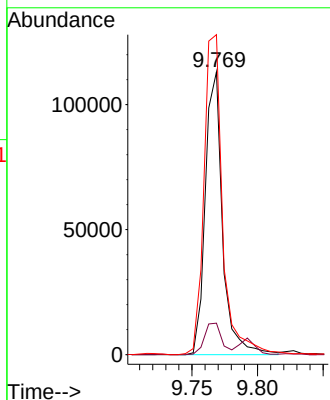
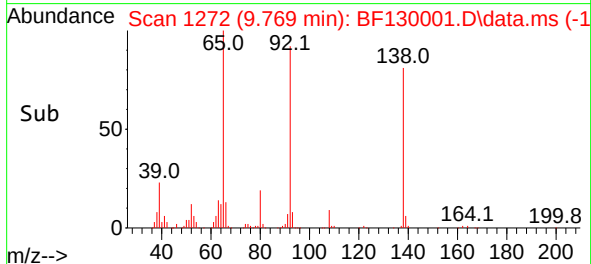
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



Tgt Ion:138 Resp: 103270
Ion Ratio Lower Upper
138 100
108 11.1 8.4 12.6
92 113.2 89.8 134.8

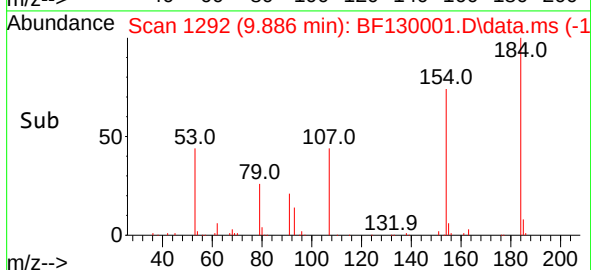
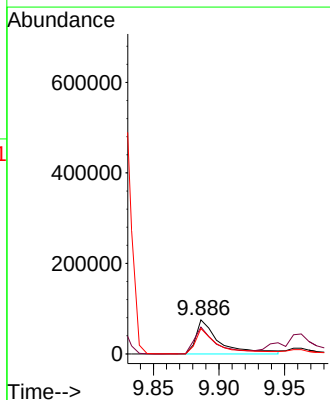
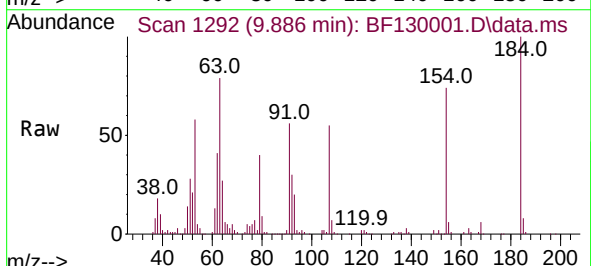
Manual Integrations
APPROVED

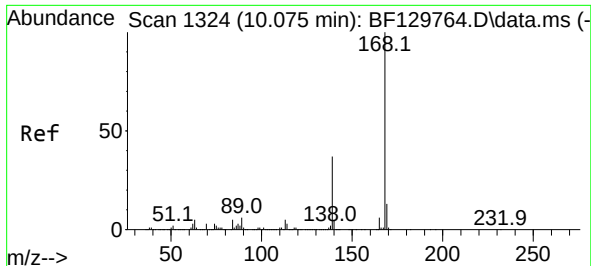
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#54
2,4-Dinitrophenol
Concen: 59.469 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

Tgt Ion:184 Resp: 92873
Ion Ratio Lower Upper
184 100
63 78.8 59.6 89.4
154 74.4 55.3 82.9





#55

Dibenzofuran

Concen: 44.165 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.000 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

Instrument :

BNA_F

ClientSampleId :

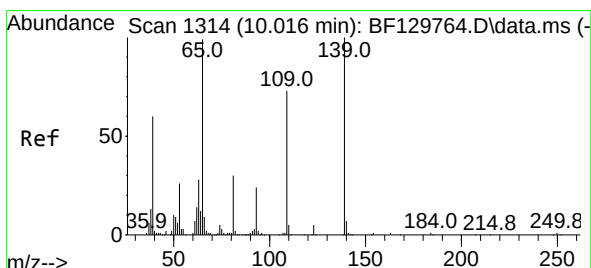
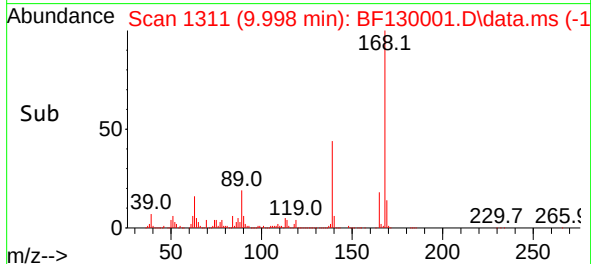
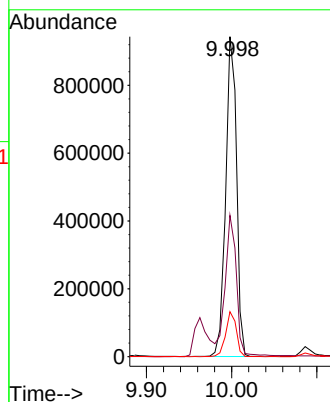
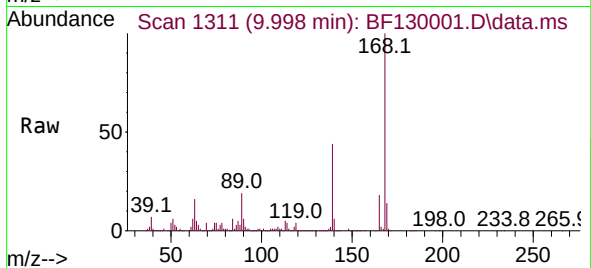
3-4-COMP-2MSD

Tgt Ion:168	Resp: 83624
Ion Ratio	Lower Upper
168 100	
139 44.1	31.3 46.9
169 14.0	10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#56

4-Nitrophenol

Concen: 73.329 ng

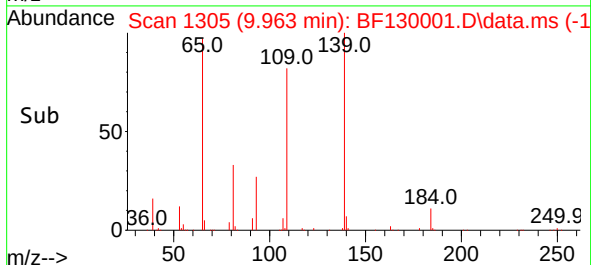
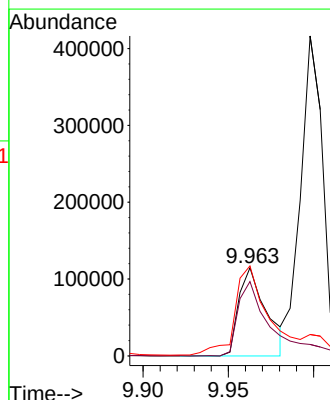
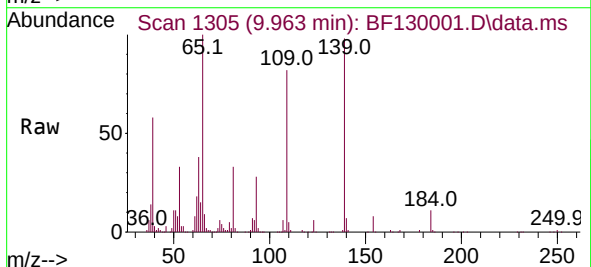
RT: 9.963 min Scan# 1305

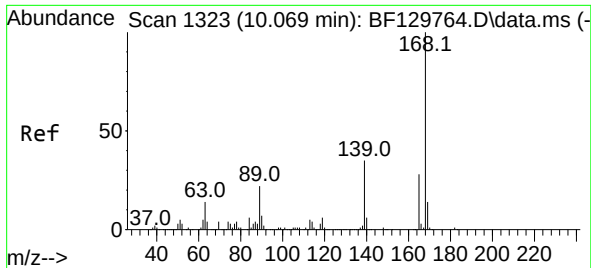
Delta R.T. 0.006 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

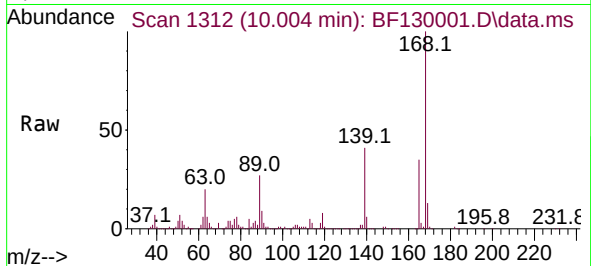
Tgt Ion:139	Resp: 127856
Ion Ratio	Lower Upper
139 100	
109 84.3	52.9 92.9
65 102.2	79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 44.445 ng
RT: 10.004 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

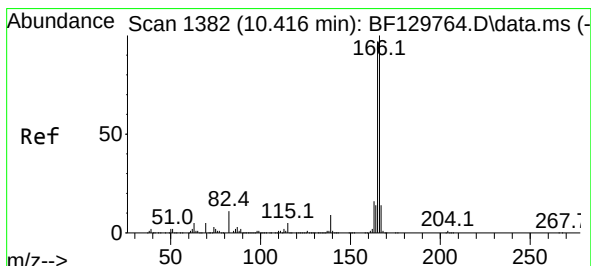
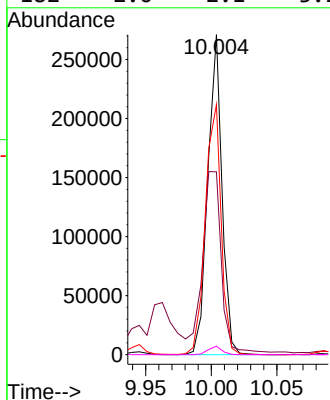
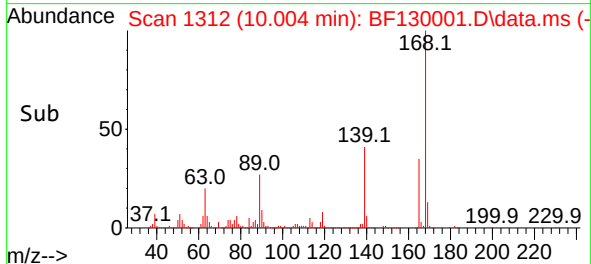
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



Tgt Ion:165 Resp: 204473
Ion Ratio Lower Upper
165 100
63 57.1 48.4 72.6
89 78.1 62.3 93.5
182 2.6 2.1 3.1

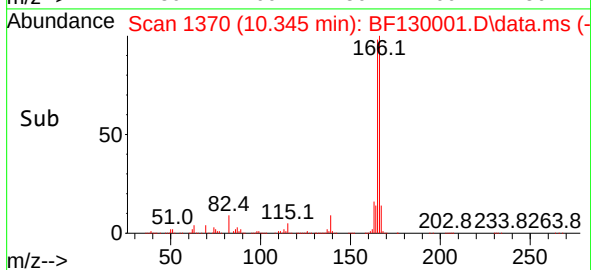
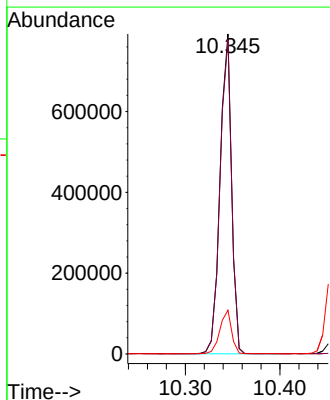
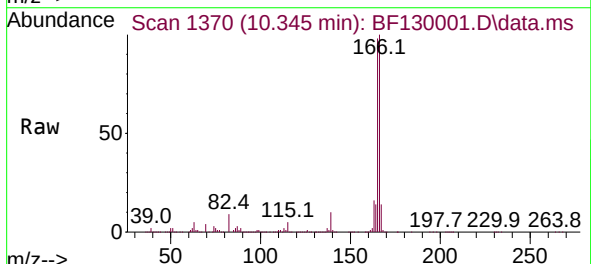
Manual Integrations
APPROVED

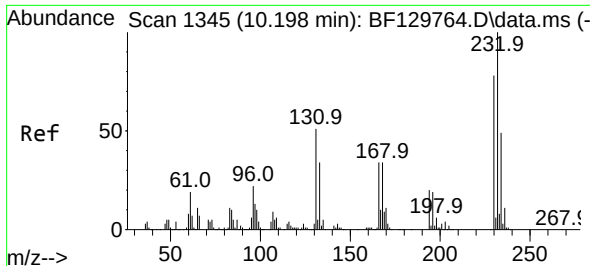
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#58
Fluorene
Concen: 42.152 ng
RT: 10.345 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

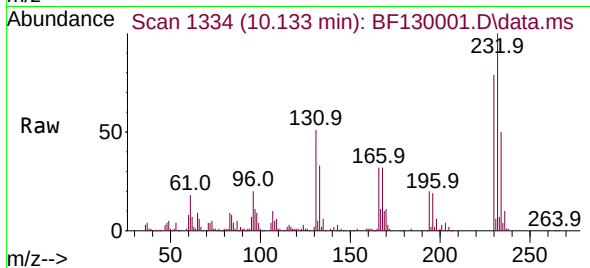
Tgt Ion:166 Resp: 666412
Ion Ratio Lower Upper
166 100
165 98.3 77.9 116.9
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.452 ng
RT: 10.133 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

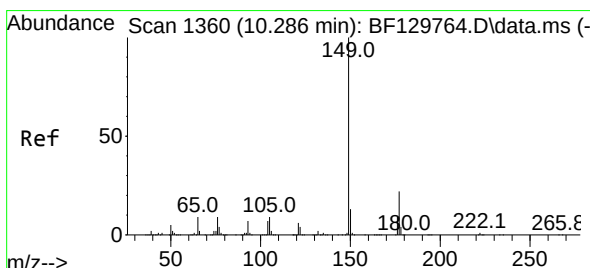
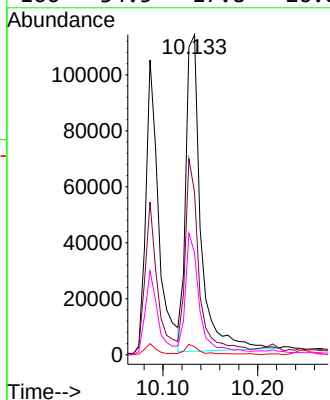
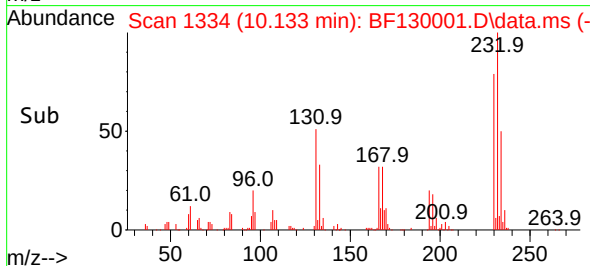
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



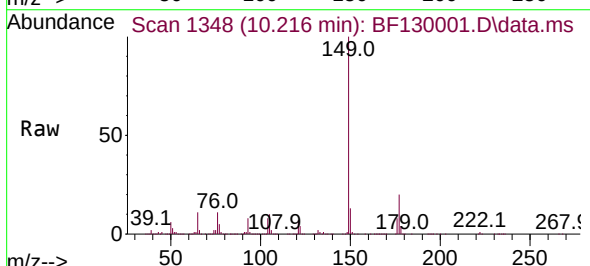
Tgt Ion:232 Resp: 125033
Ion Ratio Lower Upper
232 100
131 53.6 29.9 44.9
130 3.3 1.5 2.3
166 34.5 17.8 26.8

Manual Integrations
APPROVED

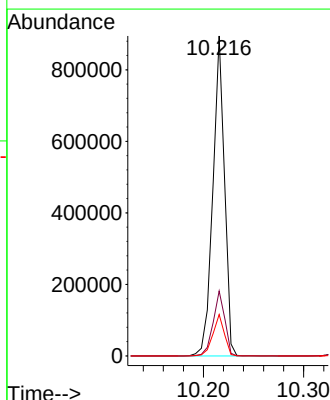
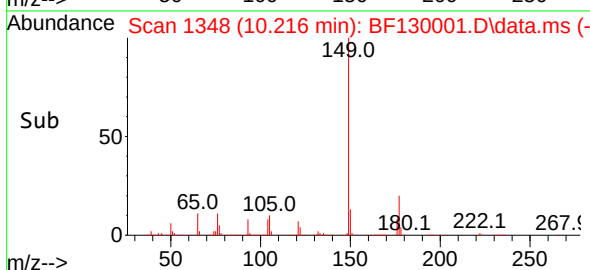
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

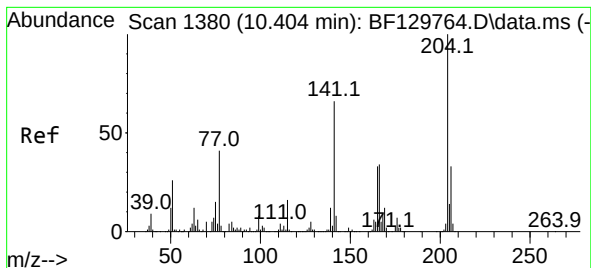


#60
Diethylphthalate
Concen: 44.041 ng
RT: 10.216 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03



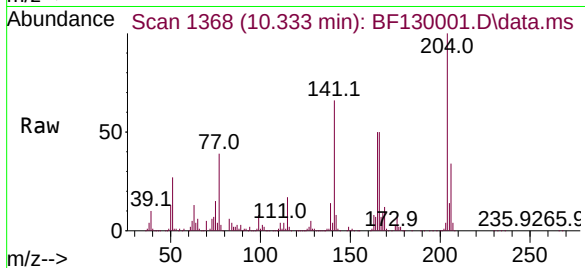
Tgt Ion:149 Resp: 717450
Ion Ratio Lower Upper
149 100
177 20.3 17.7 26.5
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.133 ng
RT: 10.333 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

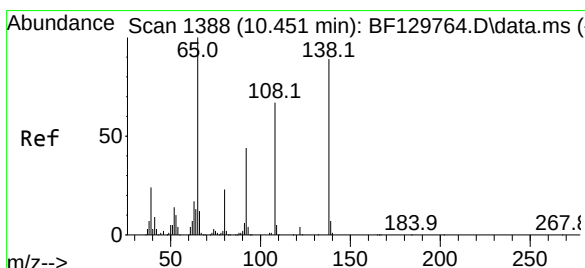
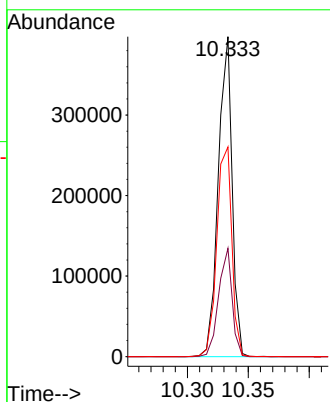
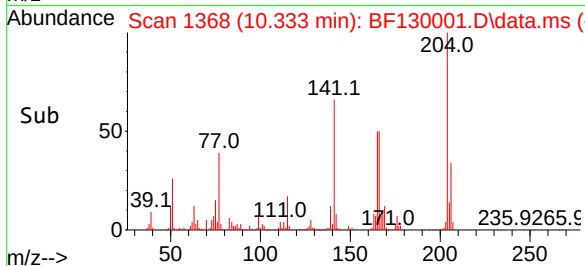
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



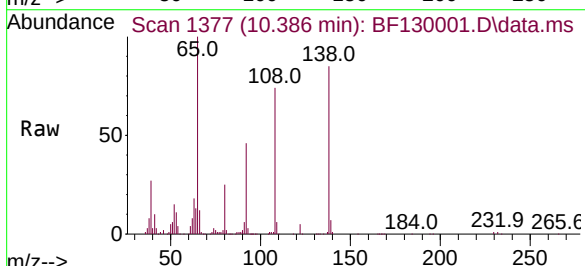
Tgt Ion:204 Resp: 31311
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 65.5 52.6 79.0

Manual Integrations
APPROVED

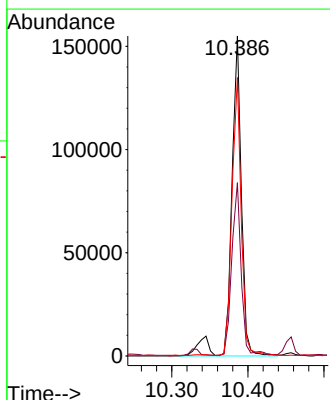
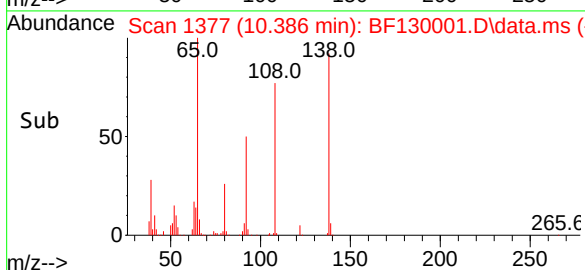
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

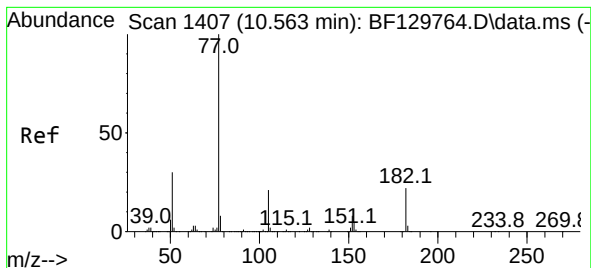


#62
4-Nitroaniline
Concen: 35.562 ng m
RT: 10.386 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03



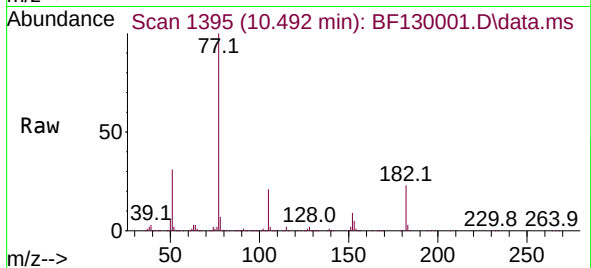
Tgt Ion:138 Resp: 140609
Ion Ratio Lower Upper
138 100
92 54.1 30.3 70.3
108 87.0 55.7 95.7





#63
Azobenzene
Concen: 43.514 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

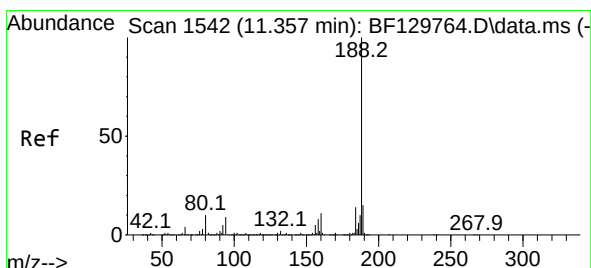
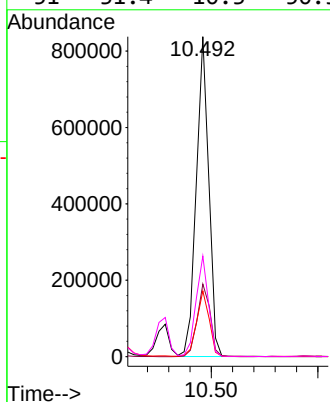
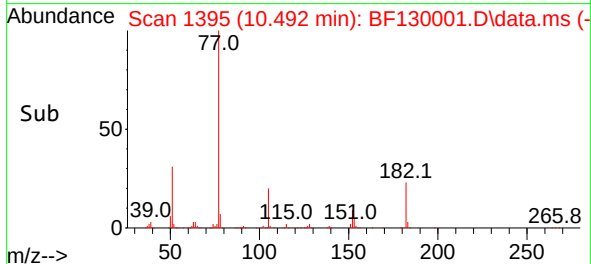
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



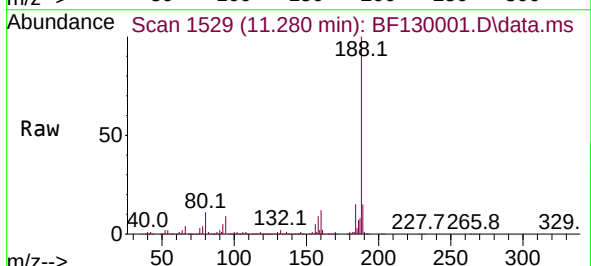
Tgt Ion: 77 Resp: 67755
Ion Ratio Lower Upper
77 100
182 22.7 2.2 42.2
105 20.5 0.8 40.8
51 31.4 10.3 50.3

Manual Integrations
APPROVED

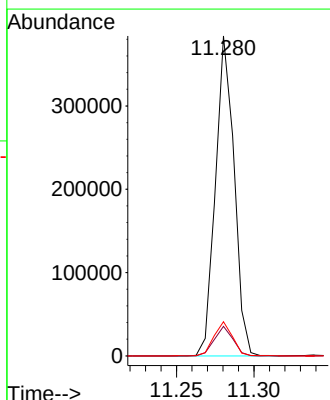
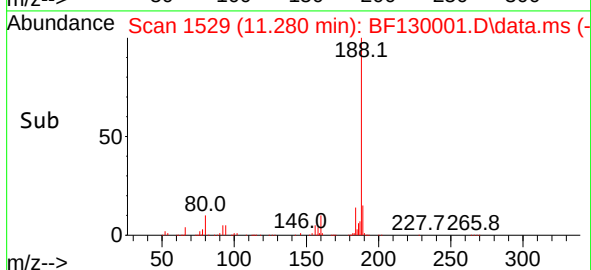
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

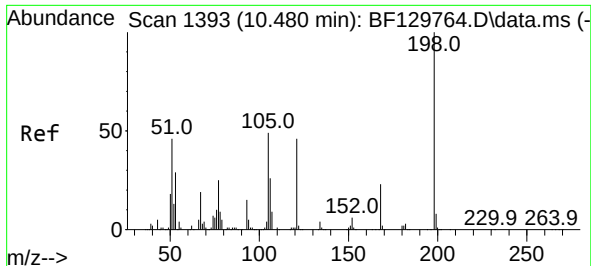


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03



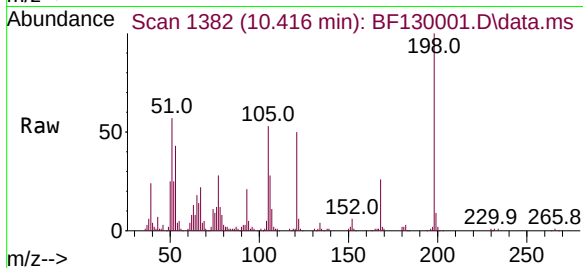
Tgt Ion:188 Resp: 322100
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.7 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 37.795 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

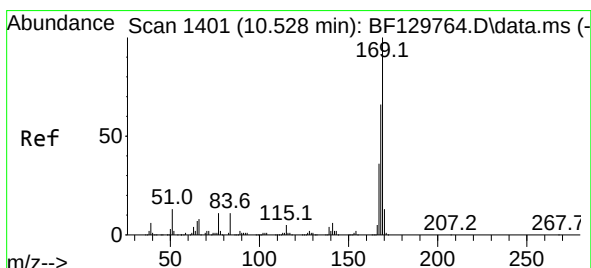
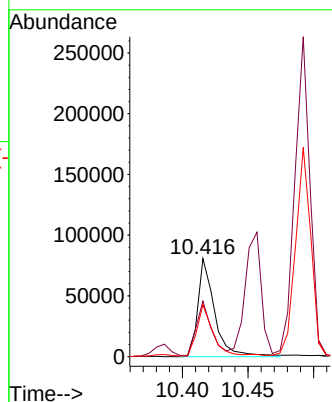
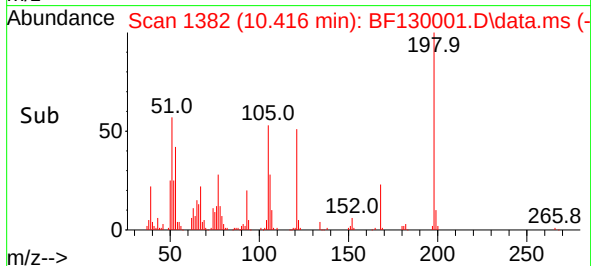
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



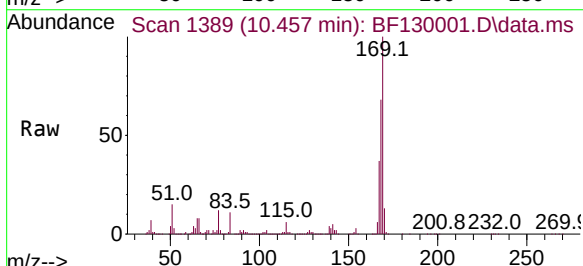
Tgt Ion:198 Resp: 71462
Ion Ratio Lower Upper
198 100
51 56.7 29.4 69.4
105 52.8 29.2 69.2

Manual Integrations
APPROVED

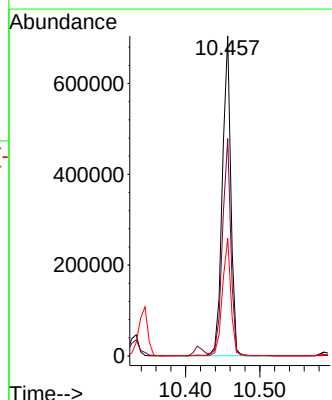
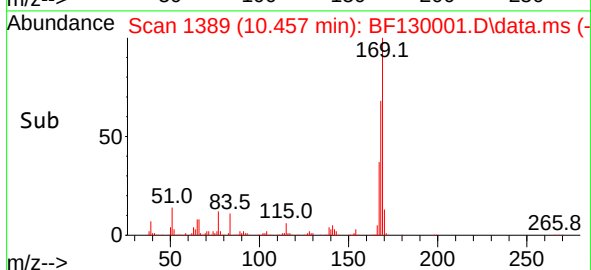
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

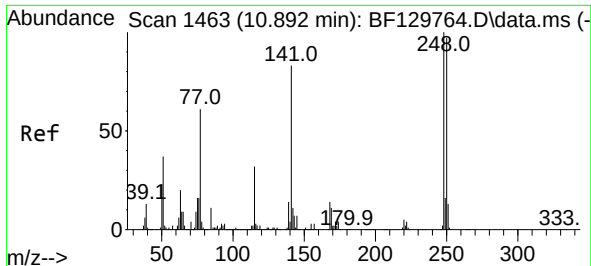


#66
n-Nitrosodiphenylamine
Concen: 51.101 ng
RT: 10.457 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03



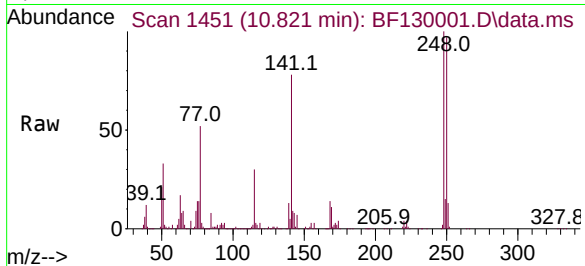
Tgt Ion:169 Resp: 555547
Ion Ratio Lower Upper
169 100
168 67.9 53.4 80.2
167 36.8 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 49.757 ng
RT: 10.821 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

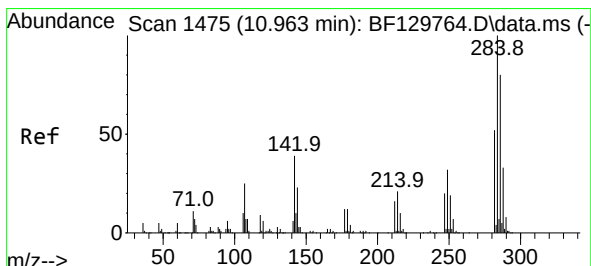
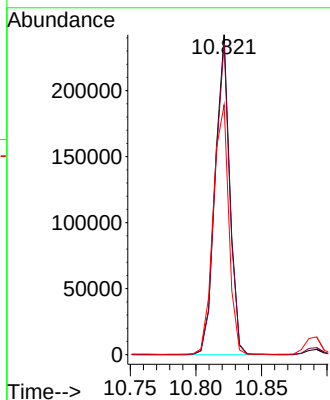
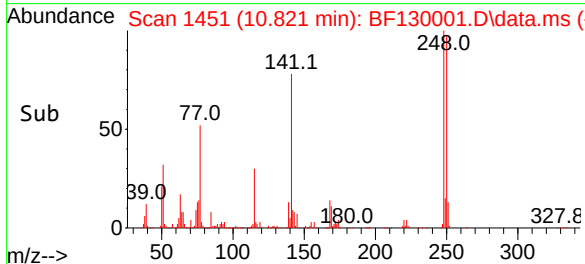
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



Tgt Ion:248 Resp: 187713
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 78.1 66.2 99.2

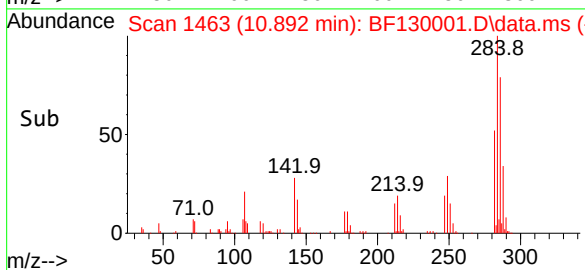
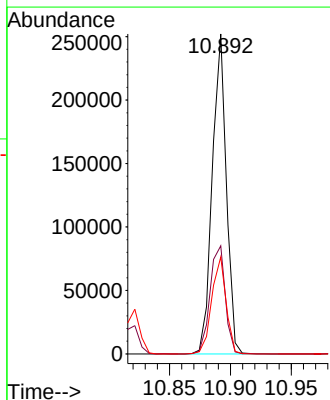
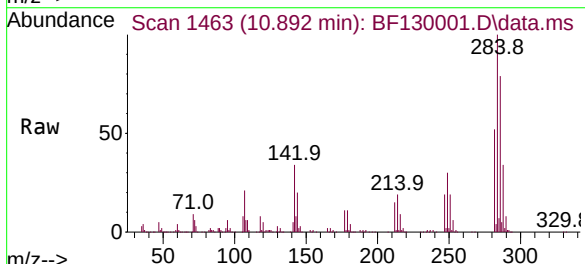
Manual Integrations
APPROVED

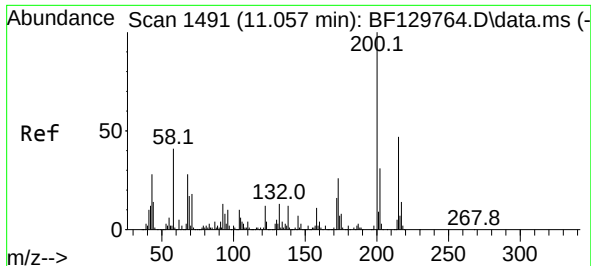
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#68
Hexachlorobenzene
Concen: 49.432 ng
RT: 10.892 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

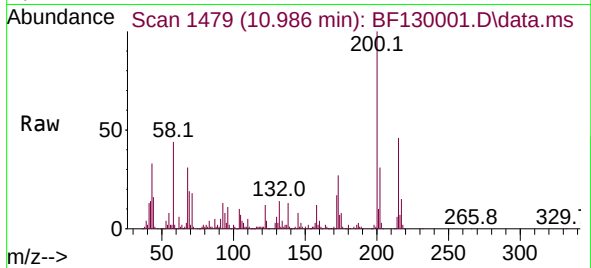
Tgt Ion:284 Resp: 202011
Ion Ratio Lower Upper
284 100
142 33.8 31.4 47.0
249 30.3 25.7 38.5





#69
Atrazine
Concen: 51.504 ng
RT: 10.986 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

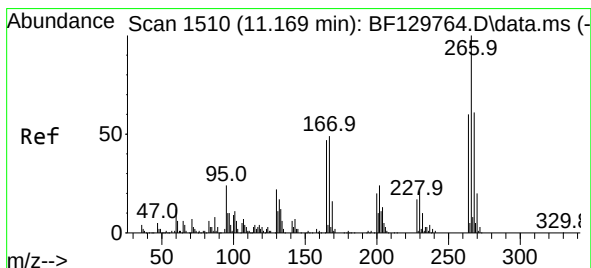
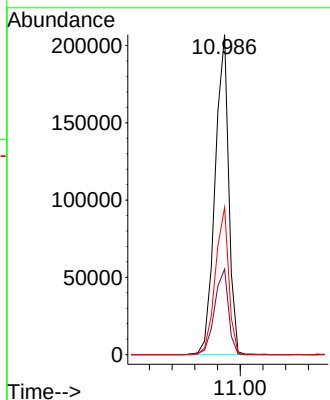
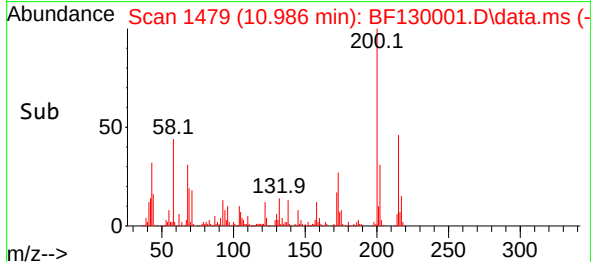
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



Tgt Ion:200 Resp: 17185
Ion Ratio Lower Upper
200 100
173 26.7 6.4 46.4
215 46.0 27.1 67.1

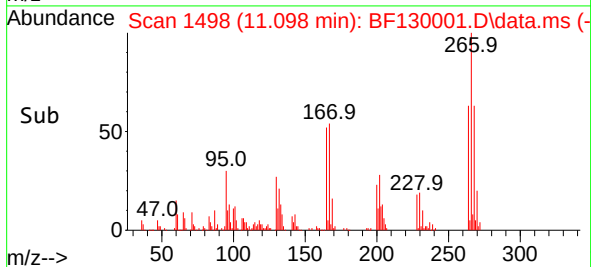
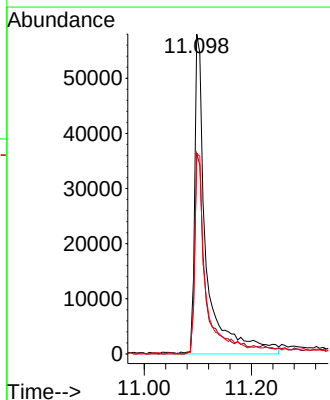
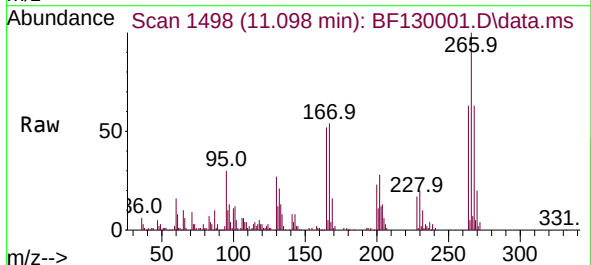
Manual Integrations
APPROVED

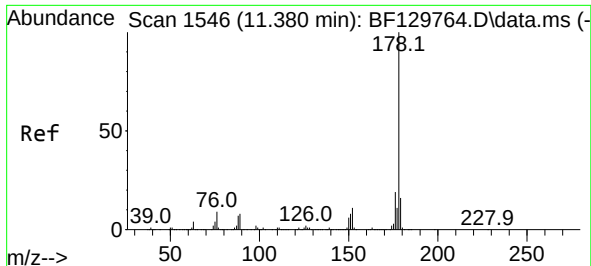
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#70
Pentachlorophenol
Concen: 72.607 ng m
RT: 11.098 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

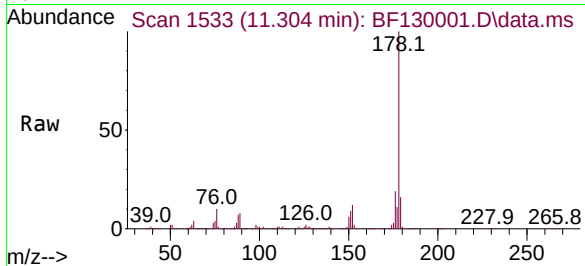
Tgt Ion:266 Resp: 88315
Ion Ratio Lower Upper
266 100
268 62.7 49.0 73.4
264 62.6 47.9 71.9





#71
Phenanthrene
Concen: 44.616 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

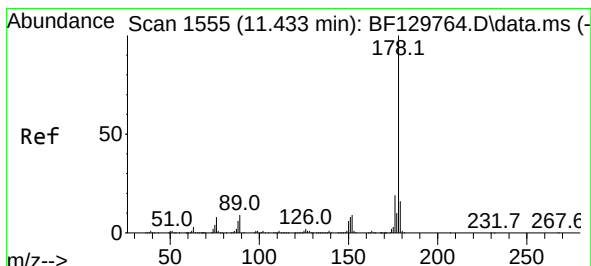
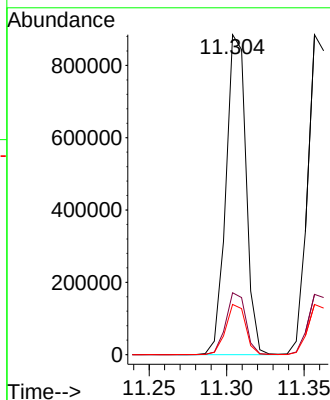
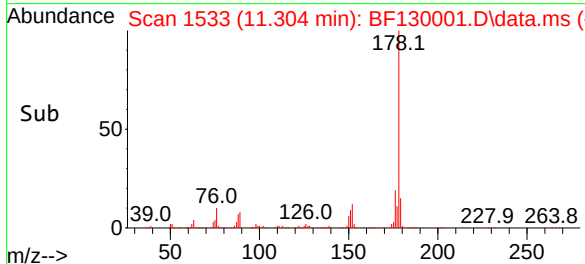
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



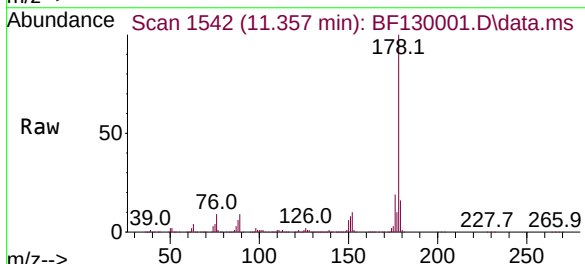
Tgt Ion:178 Resp: 802612
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.7 12.5 18.7

Manual Integrations
APPROVED

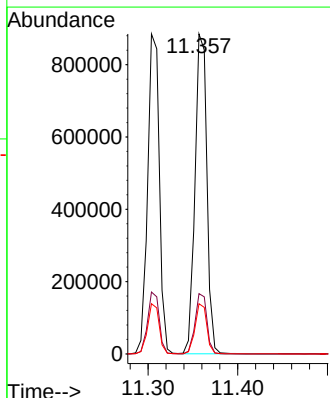
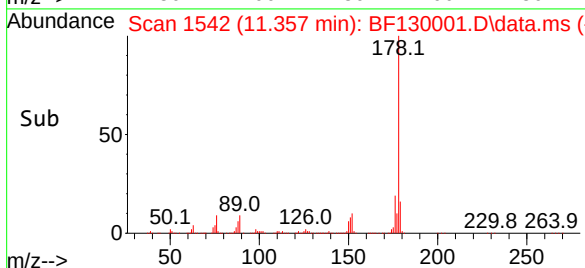
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

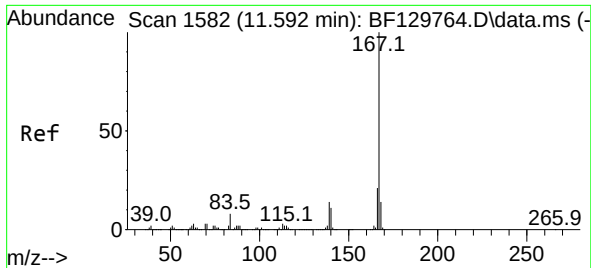


#72
Anthracene
Concen: 45.541 ng
RT: 11.357 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03



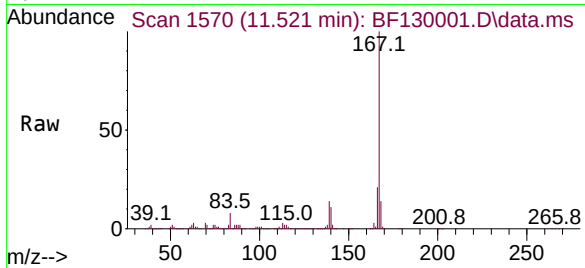
Tgt Ion:178 Resp: 814692
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.7 12.6 18.8





#73
Carbazole
Concen: 44.454 ng
RT: 11.521 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

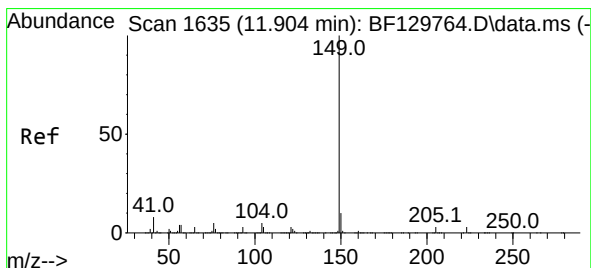
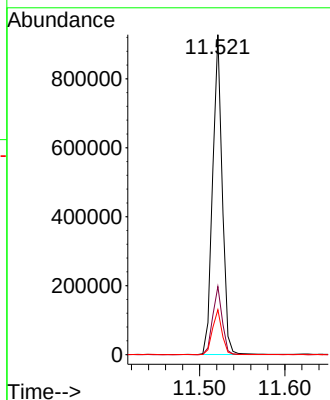
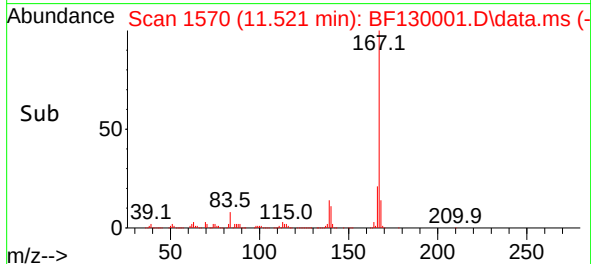
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



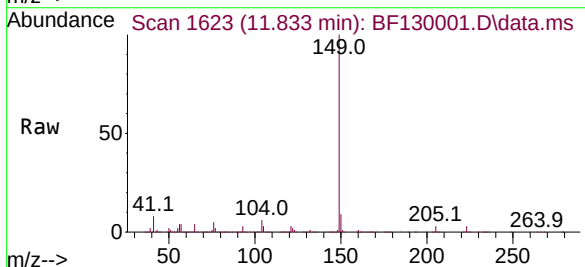
Tgt Ion:167 Resp: 721907
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 14.0 11.0 16.6

Manual Integrations
APPROVED

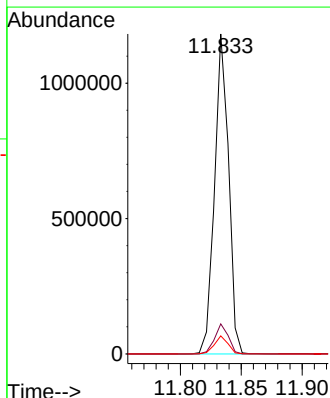
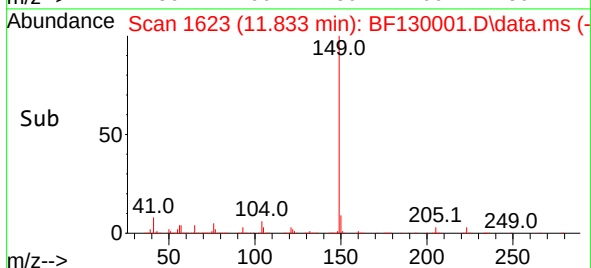
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

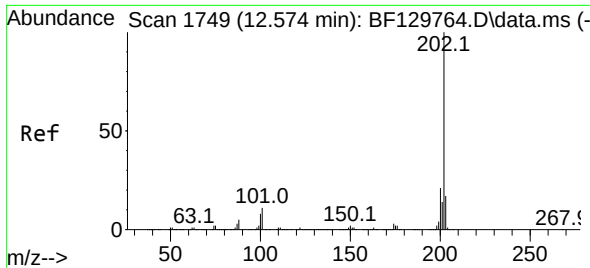


#74
Di-n-butylphthalate
Concen: 45.170 ng
RT: 11.833 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03



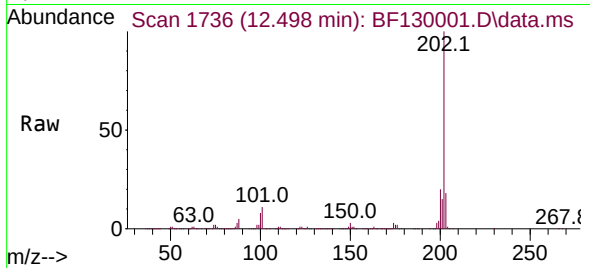
Tgt Ion:149 Resp: 944064
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.6 4.2 6.4





#75
Fluoranthene
Concen: 40.893 ng
RT: 12.498 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

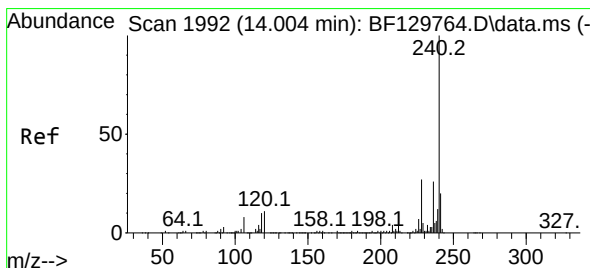
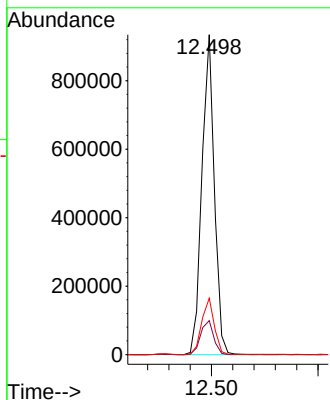
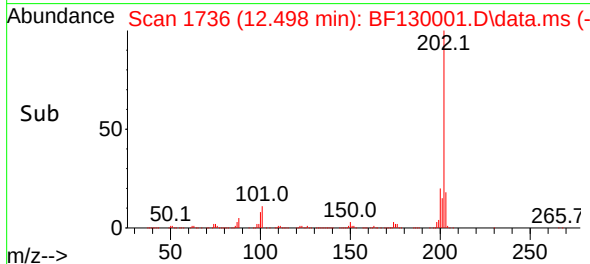
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



Tgt Ion:202 Resp: 752760
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.7
203 17.6 0.0 37.5

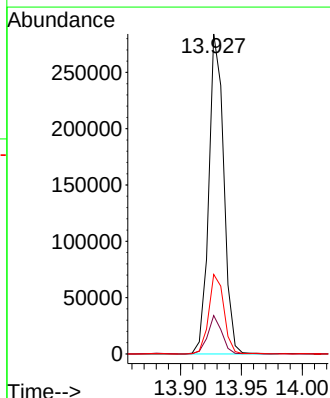
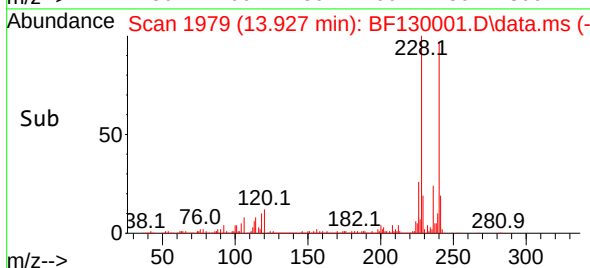
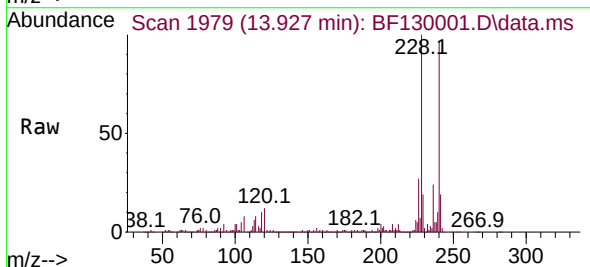
Manual Integrations
APPROVED

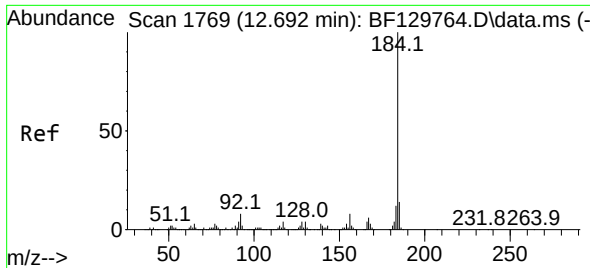
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

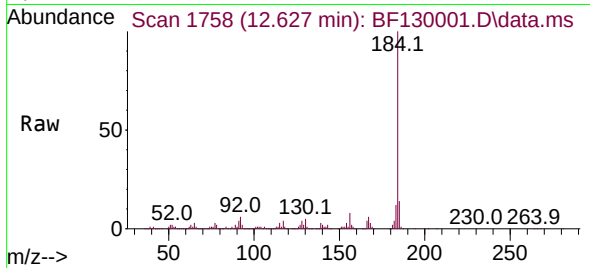
Tgt Ion:240 Resp: 243441
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 24.8 20.7 31.1





#77
Benzidine
Concen: 70.473 ng
RT: 12.627 min Scan# 1775
Delta R.T. 0.006 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

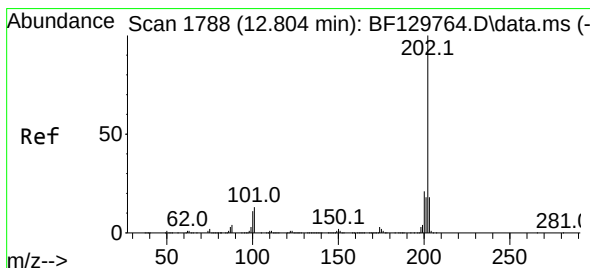
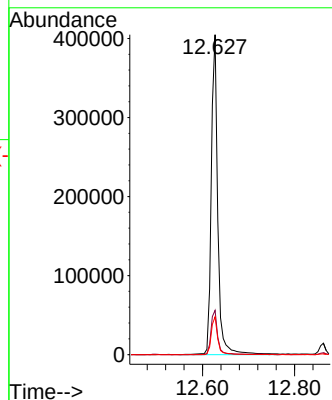
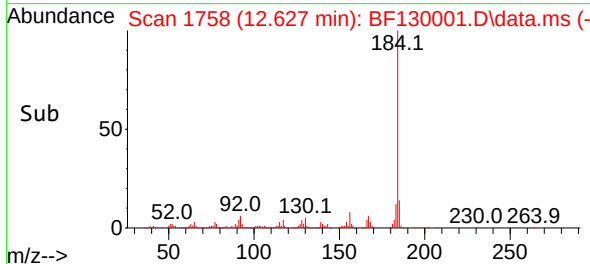
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



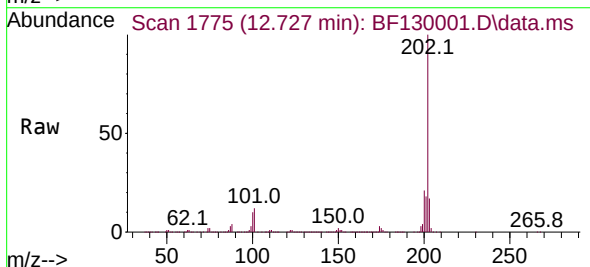
Tgt Ion:184 Resp: 394059
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.2
183 11.8 9.4 14.2

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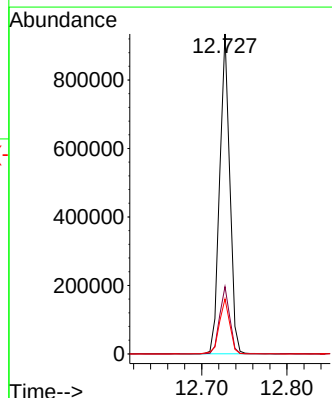
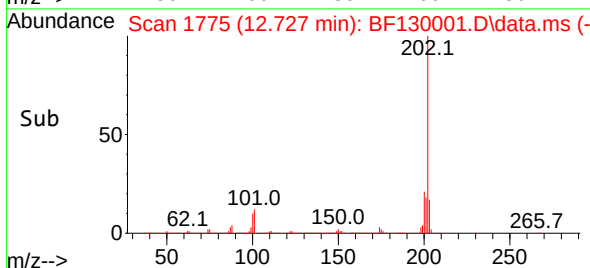
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

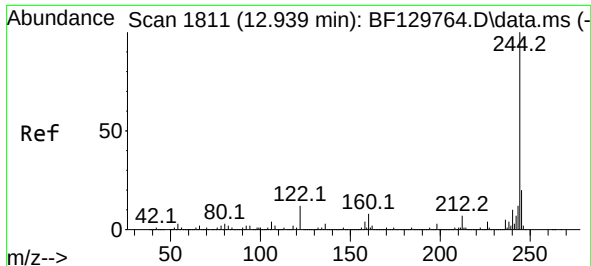


#78
Pyrene
Concen: 36.289 ng
RT: 12.727 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03



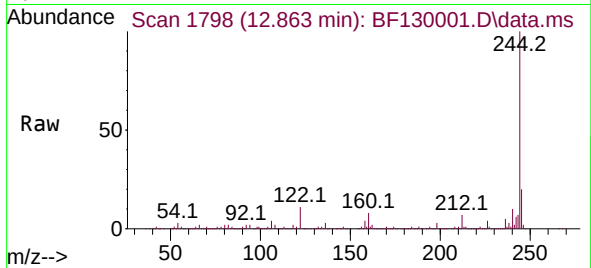
Tgt Ion:202 Resp: 767699
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 17.2 14.1 21.1





#79
 Terphenyl-d14
 Concen: 56.460 ng
 RT: 12.863 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130001.D
 Acq: 25 Aug 2022 16:03

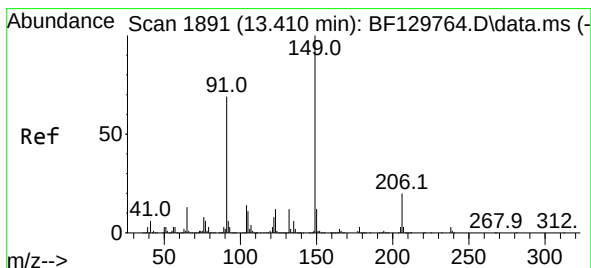
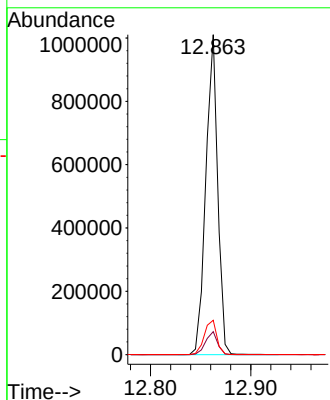
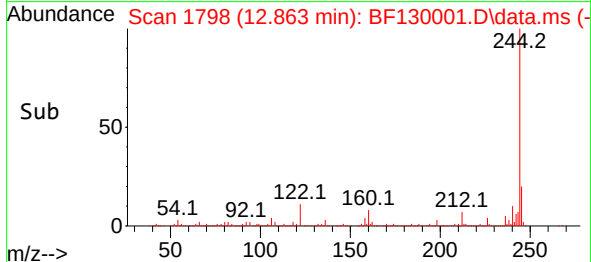
Instrument :
 BNA_F
 ClientSampleId :
 3-4-COMP-2MSD



Tgt Ion:244 Resp: 826036
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.8 9.9 14.9

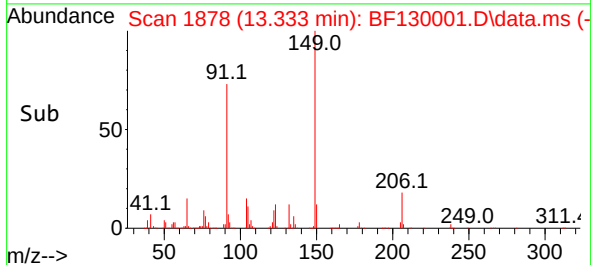
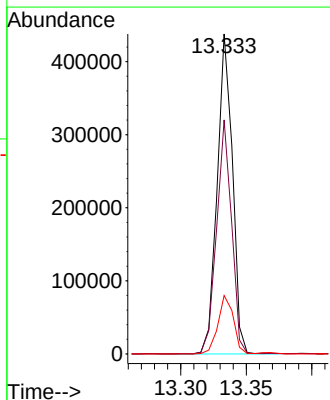
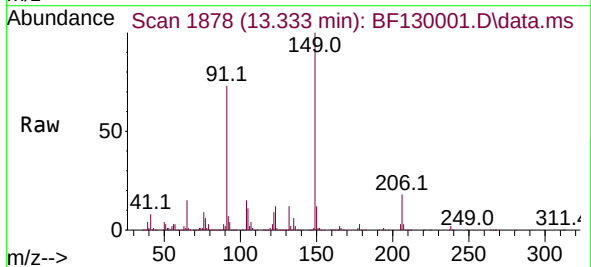
Manual Integrations
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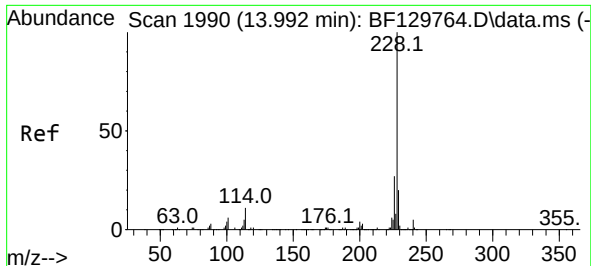
Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022



#80
 Butylbenzylphthalate
 Concen: 39.783 ng
 RT: 13.333 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: BF130001.D
 Acq: 25 Aug 2022 16:03

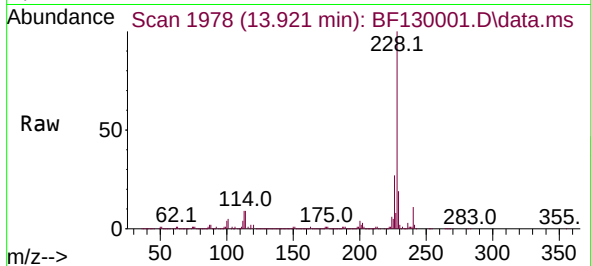
Tgt Ion:149 Resp: 356123
 Ion Ratio Lower Upper
 149 100
 91 73.1 55.4 83.0
 206 18.2 15.8 23.6





#81
Benzo(a)anthracene
Concen: 43.643 ng
RT: 13.921 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

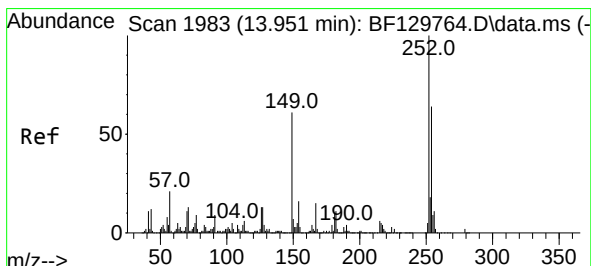
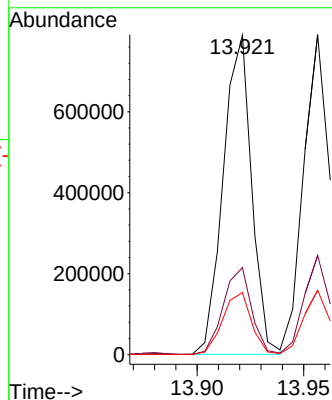
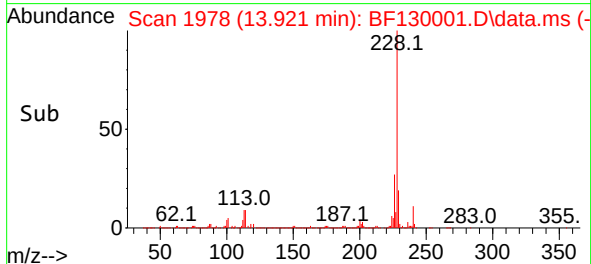
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



Tgt Ion:228 Resp: 730873
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 19.4 16.1 24.1

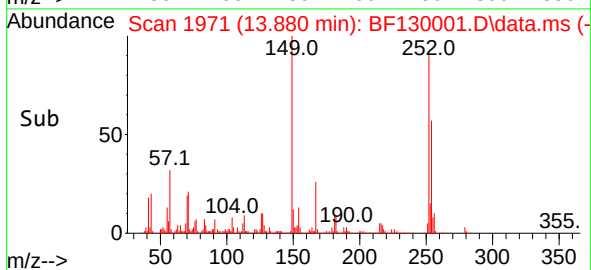
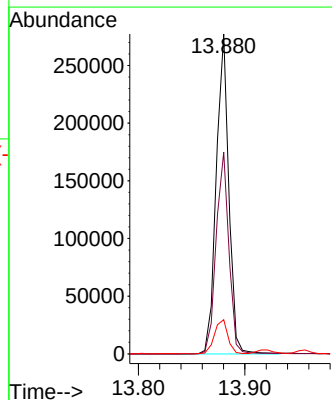
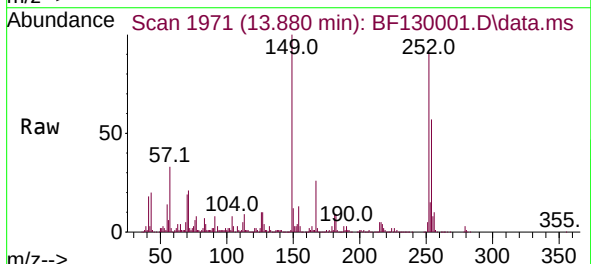
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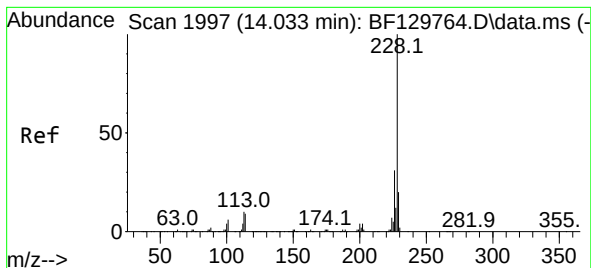
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#82
3,3'-Dichlorobenzidine
Concen: 43.866 ng
RT: 13.880 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

Tgt Ion:252 Resp: 227512
Ion Ratio Lower Upper
252 100
254 63.1 51.4 77.2
126 10.7 10.2 15.4





#83

Chrysene

Concen: 43.365 ng

RT: 13.957 min Scan# 1997

Delta R.T. 0.006 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

Instrument :

BNA_F

ClientSampleId :

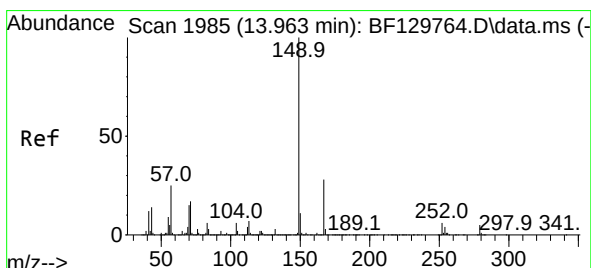
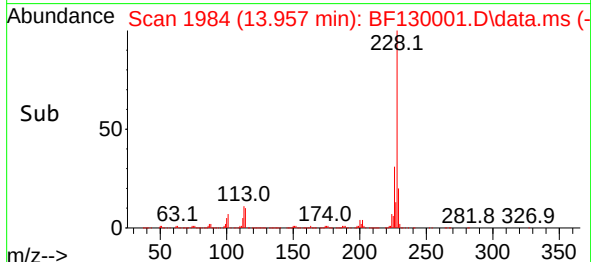
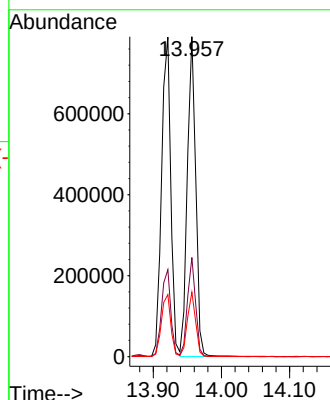
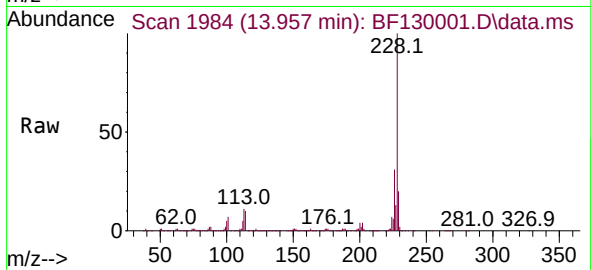
3-4-COMP-2MSD

Tgt Ion:228 Resp: 679784
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.4 36.6
 229 20.1 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022
 Supervised By :Jagrut Upadhyay 08/26/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.552 ng

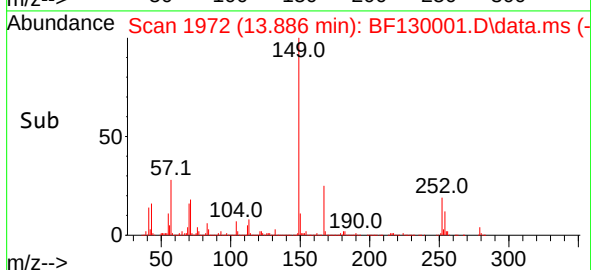
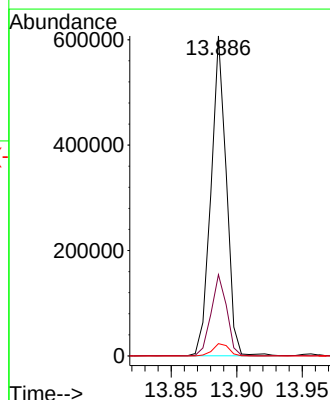
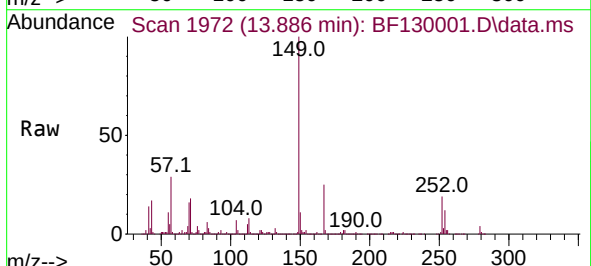
RT: 13.886 min Scan# 1972

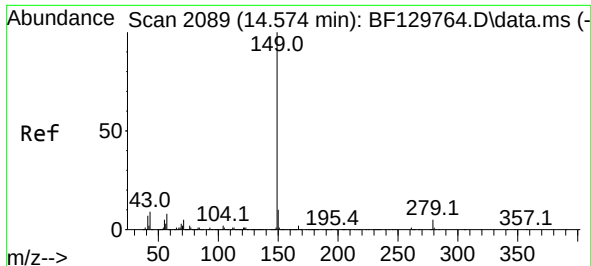
Delta R.T. -0.000 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

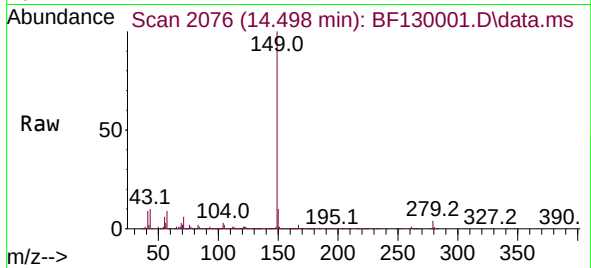
Tgt Ion:149 Resp: 494383
 Ion Ratio Lower Upper
 149 100
 167 25.4 22.0 33.0
 279 3.8 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 58.475 ng
RT: 14.498 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

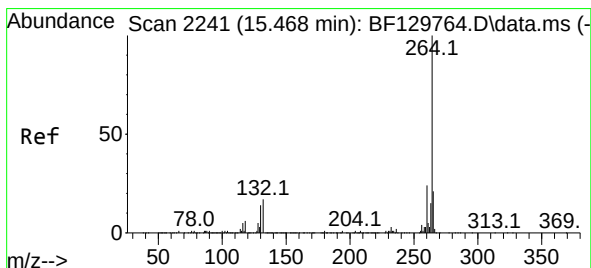
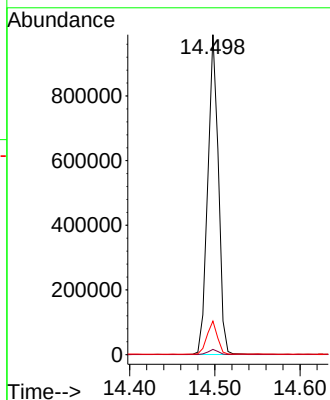
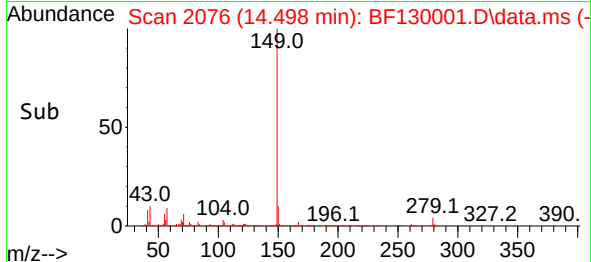
Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD



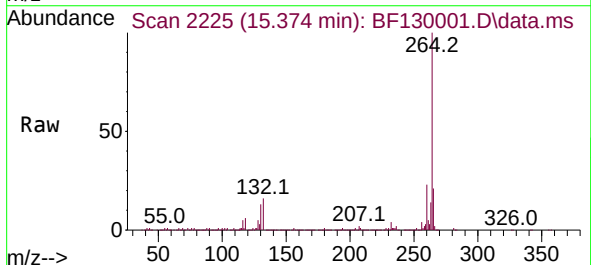
Tgt Ion:149 Resp: 857279
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.1 7.8 11.6

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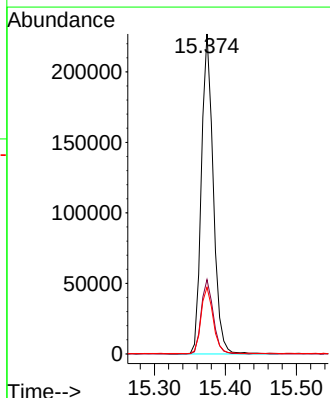
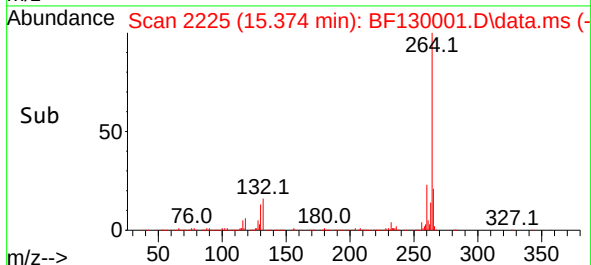
Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

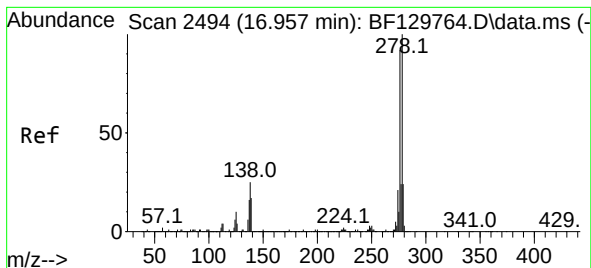


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.374 min Scan# 2225
Delta R.T. 0.006 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03



Tgt Ion:264 Resp: 261410
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 20.8 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.786 ng

RT: 16.821 min Scan# 24

Delta R.T. 0.006 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

Instrument :

BNA_F

ClientSampleId :

3-4-COMP-2MSD

Tgt Ion:276 Resp: 696064

Ion Ratio Lower Upper

276 100

138 23.5 19.8 29.8

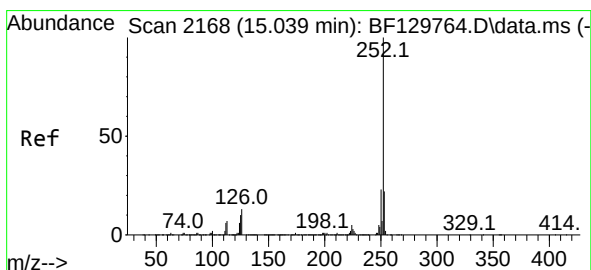
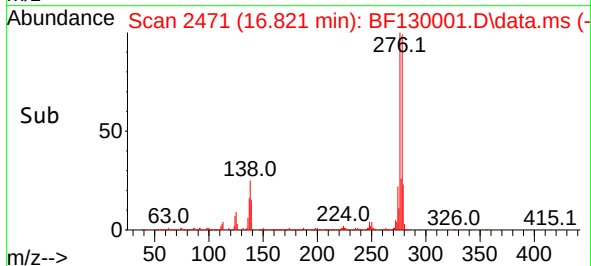
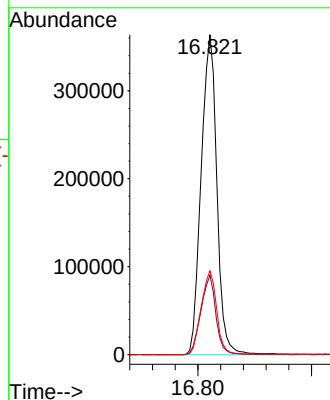
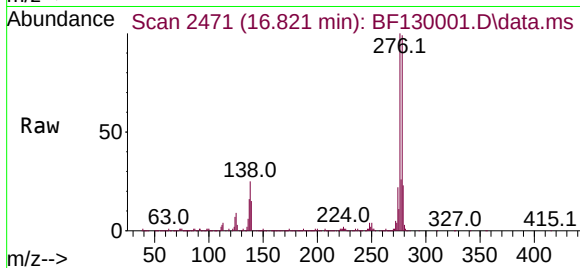
277 25.8 20.4 30.6

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#88

Benzo(b)fluoranthene

Concen: 46.673 ng

RT: 14.957 min Scan# 2154

Delta R.T. 0.006 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

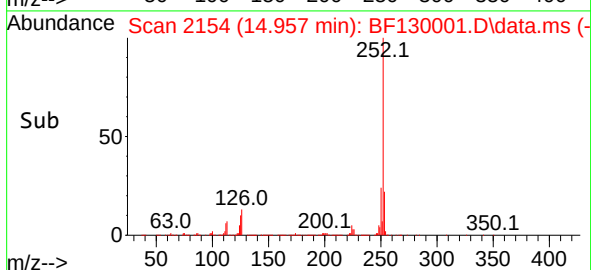
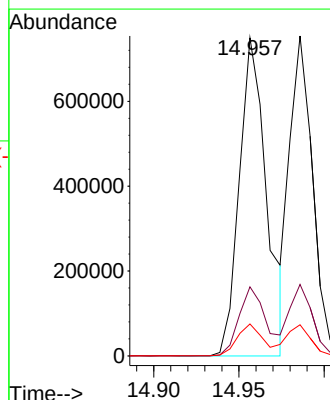
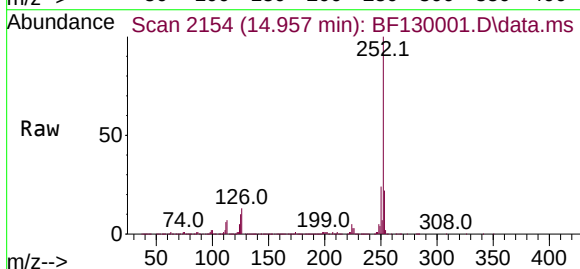
Tgt Ion:252 Resp: 835461

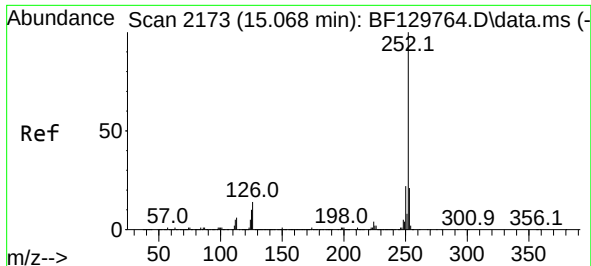
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 10.0 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 41.467 ng

RT: 14.986 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

Instrument :

BNA_F

ClientSampleId :

3-4-COMP-2MSD

Tgt Ion:252 Resp: 711843

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

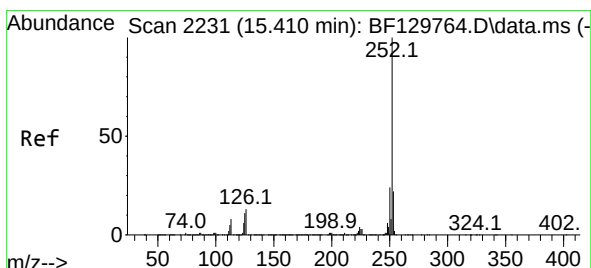
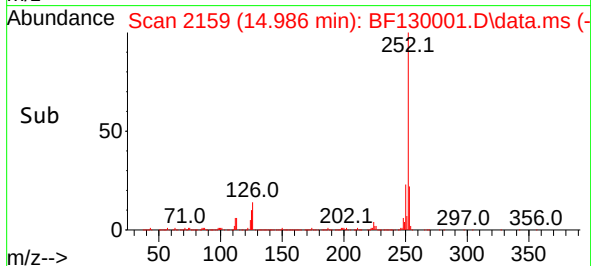
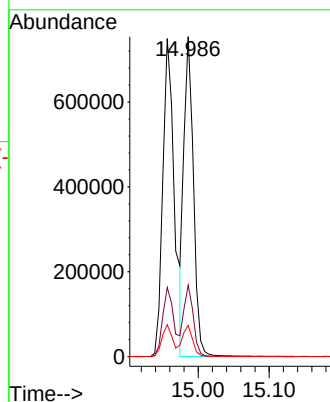
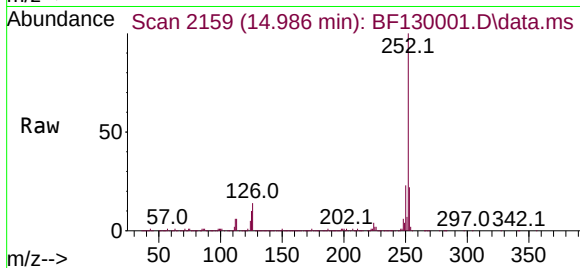
125 9.7 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 08/26/2022

Supervised By :Jagrut Upadhyay 08/26/2022



#90

Benzo(a)pyrene

Concen: 47.499 ng

RT: 15.315 min Scan# 2215

Delta R.T. 0.006 min

Lab File: BF130001.D

Acq: 25 Aug 2022 16:03

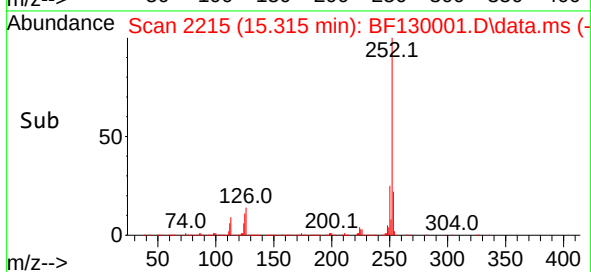
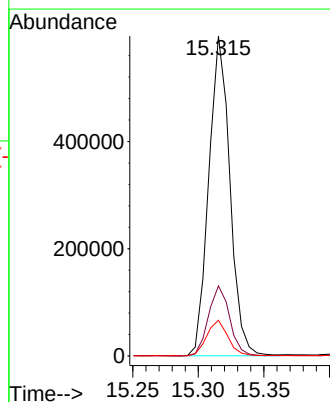
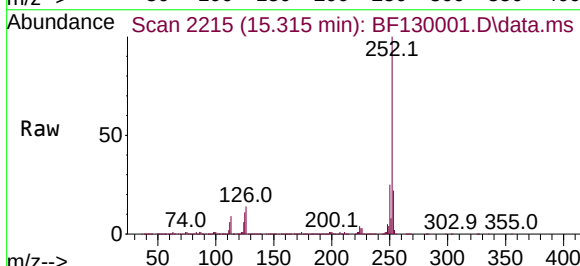
Tgt Ion:252 Resp: 669554

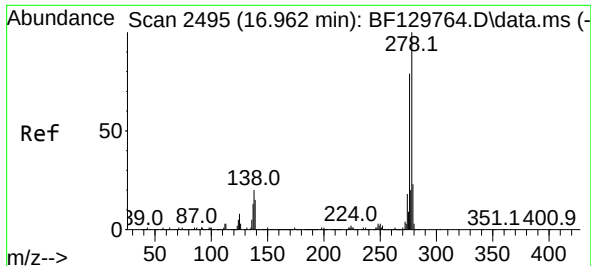
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 11.1 8.8 13.2





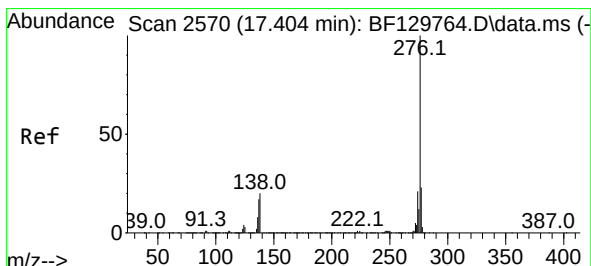
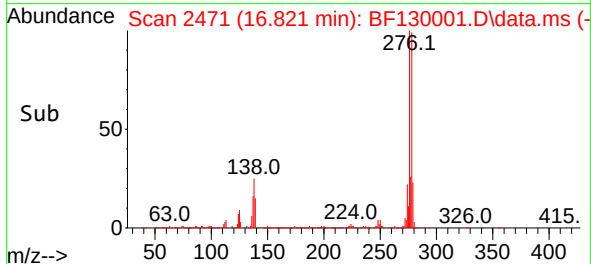
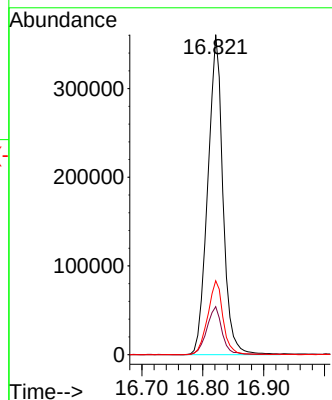
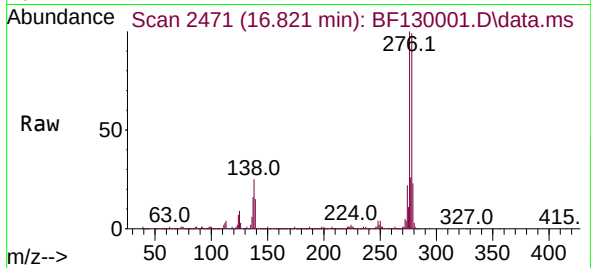
#91
Dibenzo(a,h)anthracene
Concen: 42.020 ng
RT: 16.821 min Scan# 2495
Delta R.T. 0.006 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

Instrument :
BNA_F
ClientSampleId :
3-4-COMP-2MSD

Tgt Ion:278 Resp: 622210
Ion Ratio Lower Upper
278 100
139 15.0 12.2 18.4
279 23.1 18.7 28.1

Manual Integrations
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Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022



#92
Benzo(g,h,i)perylene
Concen: 38.368 ng
RT: 17.256 min Scan# 2545
Delta R.T. 0.012 min
Lab File: BF130001.D
Acq: 25 Aug 2022 16:03

Tgt Ion:276 Resp: 566808
Ion Ratio Lower Upper
276 100
277 23.4 18.2 27.4
138 19.5 15.8 23.8

