

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130118.D
 Acq On : 02 Sep 2022 18:55
 Operator : CG\JU
 Sample : N4466-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAP2-T-5-(15-35)MSD

Quant Time: Sep 03 05:49:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 09/06/2022
 Supervised By : Jagrut Upadhyay 09/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	236207	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	939734	20.000	ng	0.00
39) Acenaphthene-d10	9.739	164	508838	20.000	ng	0.00
64) Phenanthrene-d10	11.216	188	824870	20.000	ng	# 0.00
76) Chrysene-d12	13.851	240	431190	20.000	ng	0.00
86) Perylene-d12	15.245	264	422294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	1607342	115.522	ng	0.01
7) Phenol-d6	6.340	99	2037715	117.472	ng	0.00
23) Nitrobenzene-d5	7.275	82	1215115	83.099	ng	0.00
42) 2,4,6-Tribromophenol	10.527	330	576554	124.476	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	2221077	72.370	ng	0.00
79) Terphenyl-d14	12.804	244	1972998	79.348	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.457	88	275818	42.418	ng	95
3) Pyridine	3.152	79	730297	41.884	ng	91
4) n-Nitrosodimethylamine	3.116	42	316305	46.128	ng	85
6) Aniline	6.369	93	762496	35.061	ng	# 49
8) 2-Chlorophenol	6.487	128	779916	51.070	ng	100
9) Benzaldehyde	6.251	77	381446	35.927	ng	97
10) Phenol	6.351	94	918479	46.844	ng	# 64
11) bis(2-Chloroethyl)ether	6.445	93	714624	47.969	ng	99
12) 1,3-Dichlorobenzene	6.645	146	784841	46.360	ng	97
13) 1,4-Dichlorobenzene	6.722	146	792806	46.491	ng	98
14) 1,2-Dichlorobenzene	6.875	146	755006	48.706	ng	97
15) Benzyl Alcohol	6.851	79	580725	49.669	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.987	45	922263	45.552	ng	# 52
17) 2-Methylphenol	6.963	107	611000	47.554	ng	# 87
18) Hexachloroethane	7.216	117	295392	47.970	ng	95
19) n-Nitroso-di-n-propyla...	7.128	70	482873	46.207	ng	92
20) 3+4-Methylphenols	7.116	107	680678	45.176	ng	# 74
22) Acetophenone	7.122	105	953885	45.434	ng	# 99
24) Nitrobenzene	7.292	77	756817	48.666	ng	96
25) Isophorone	7.534	82	1447119	48.896	ng	98
26) 2-Nitrophenol	7.604	139	407625	55.229	ng	93
27) 2,4-Dimethylphenol	7.645	122	688877	55.472	ng	97
28) bis(2-Chloroethoxy)met...	7.745	93	906105	50.967	ng	97
29) 2,4-Dichlorophenol	7.845	162	647990	48.781	ng	99
30) 1,2,4-Trichlorobenzene	7.928	180	626716	44.746	ng	99
31) Naphthalene	8.010	128	2096410	44.232	ng	99
32) Benzoic acid	7.781	122	499573	49.095	ng	98
33) 4-Chloroaniline	8.057	127	384502	20.080	ng	96
34) Hexachlorobutadiene	8.128	225	361745	45.097	ng	100
35) Caprolactam	8.439	113	199502m	48.465	ng	
36) 4-Chloro-3-methylphenol	8.545	107	683760	50.869	ng	94
37) 2-Methylnaphthalene	8.698	142	1410944	46.214	ng	99
38) 1-Methylnaphthalene	8.798	142	1349518	45.475	ng	99
40) 1,2,4,5-Tetrachloroben...	8.863	216	595275	44.864	ng	98
41) Hexachlorocyclopentadiene	8.851	237	702094	101.250	ng	97
43) 2,4,6-Trichlorophenol	8.975	196	454501	47.989	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

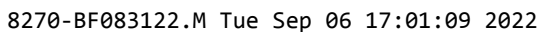
Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022

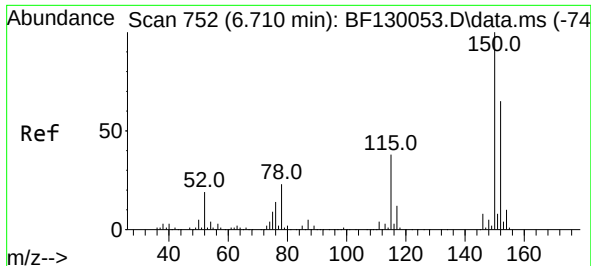
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.016	196	465107	45.308	ng	95
46) 1,1'-Biphenyl	9.163	154	1678365	45.402	ng	99
47) 2-Chloronaphthalene	9.186	162	1314148	44.367	ng	100
48) 2-Nitroaniline	9.286	65	395667	54.208	ng	88
49) Acenaphthylene	9.604	152	2000186	44.470	ng	100
50) Dimethylphthalate	9.475	163	1580304	45.597	ng	99
51) 2,6-Dinitrotoluene	9.533	165	365382	54.073	ng	# 86
52) Acenaphthene	9.775	154	1371135m	48.371	ng	
53) 3-Nitroaniline	9.698	138	214733	27.686	ng	93
54) 2,4-Dinitrophenol	9.804	184	286476	92.029	ng	# 87
55) Dibenzofuran	9.945	168	1813282	44.673	ng	99
56) 4-Nitrophenol	9.863	139	601940	100.667	ng	92
57) 2,4-Dinitrotoluene	9.933	165	451792	58.073	ng	# 89
58) Fluorene	10.286	166	1331790	43.122	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.063	232	357202	44.801	ng	# 77
60) Diethylphthalate	10.169	149	1534832	45.776	ng	98
61) 4-Chlorophenyl-phenyle...	10.280	204	613204	44.914	ng	100
62) 4-Nitroaniline	10.316	138	367842	48.766	ng	95
63) Azobenzene	10.439	77	1455131	44.078	ng	96
65) 4,6-Dinitro-2-methylph...	10.333	198	197892	50.584	ng	97
66) n-Nitrosodiphenylamine	10.404	169	1265411	45.890	ng	100
67) 4-Bromophenyl-phenylether	10.769	248	434344	47.340	ng	98
68) Hexachlorobenzene	10.827	284	471676	47.180	ng	95
69) Atrazine	10.933	200	408101	52.314	ng	98
70) Pentachlorophenol	11.022	266	503692	90.099	ng	97
71) Phenanthrene	11.245	178	1944747	43.474	ng	98
72) Anthracene	11.298	178	1956824	44.498	ng	99
73) Carbazole	11.451	167	1810642	44.650	ng	99
74) Di-n-butylphthalate	11.786	149	2259241	46.202	ng	99
75) Fluoranthene	12.427	202	1883210	42.453	ng	97
77) Benzidine	12.551	184	782142	67.185	ng	99
78) Pyrene	12.657	202	1853756	47.931	ng	99
80) Butylbenzylphthalate	13.280	149	835075	54.285	ng	97
81) Benzo(a)anthracene	13.839	228	1314238	44.475	ng	99
82) 3,3'-Dichlorobenzidine	13.804	252	264551	28.709	ng	99
83) Chrysene	13.874	228	1305421	44.808	ng	99
84) Bis(2-ethylhexyl)phtha...	13.839	149	1000108	52.303	ng	99
85) Di-n-octyl phthalate	14.451	149	1668292	55.233	ng	98
87) Indeno(1,2,3-cd)pyrene	16.598	276	1384672	49.707	ng	96
88) Benzo(b)fluoranthene	14.851	252	1249851m	44.382	ng	
89) Benzo(k)fluoranthene	14.880	252	1256374	46.129	ng	97
90) Benzo(a)pyrene	15.192	252	1121138	50.101	ng	98
91) Dibenzo(a,h)anthracene	16.621	278	1190922	52.247	ng	97
92) Benzo(g,h,i)perylene	17.009	276	1197662	52.516	ng	# 92

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

Manual Integrations

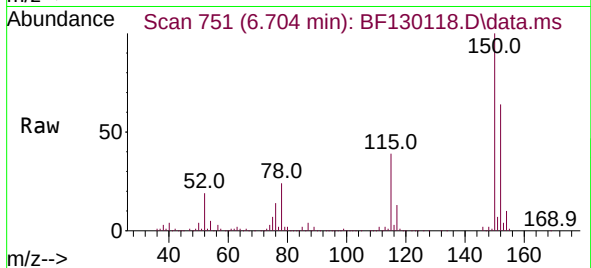
Quant Time: Sep 03 05:49:37 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

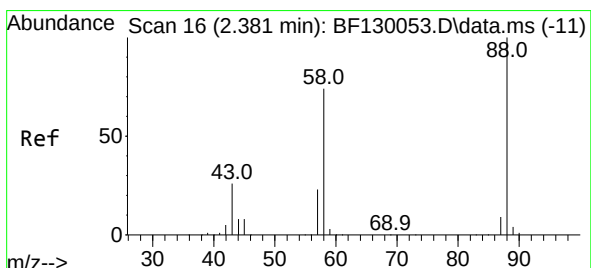
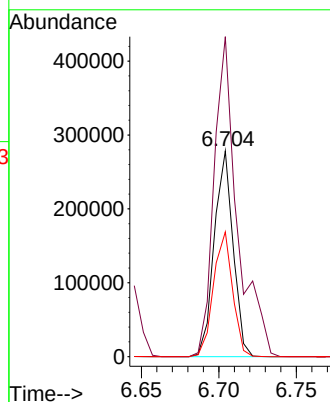
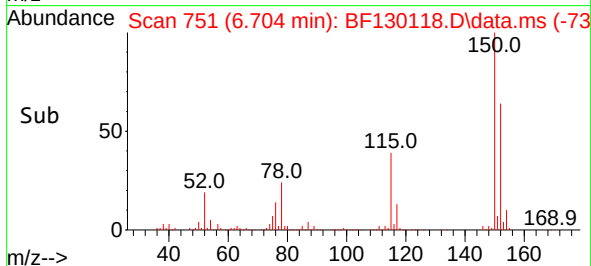
Instrument :
BNA_F
Client SampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion: 152 Resp: 236207
Ion Ratio Lower Upper
152 100
150 155.5 126.9 190.3
115 60.7 53.4 80.0

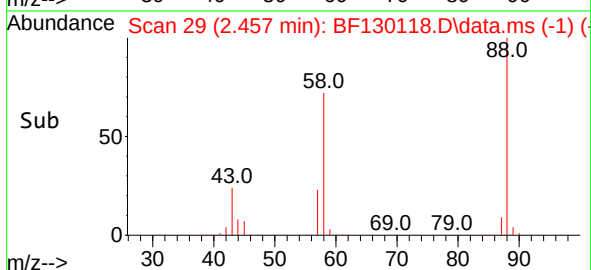
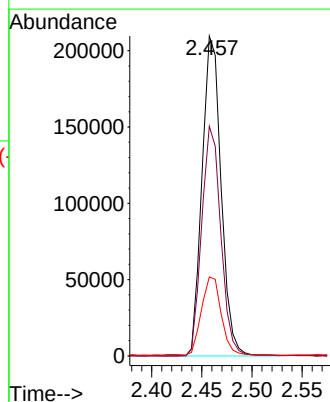
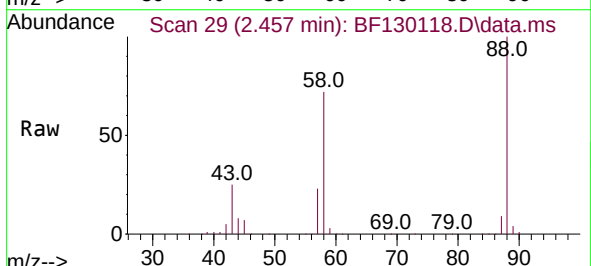
Manual Integrations
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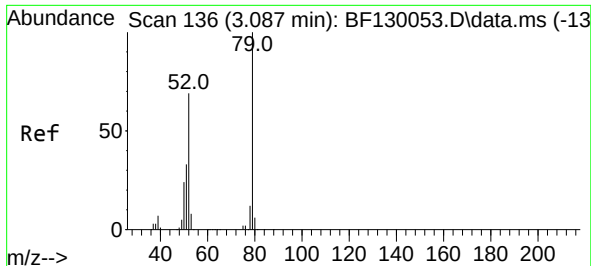
Reviewed By : Christian Giraldo 09/06/2022
Supervised By : Jagrut Upadhyay 09/06/2022



#2
1,4-Dioxane
Concen: 42.418 ng
RT: 2.457 min Scan# 29
Delta R.T. 0.076 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

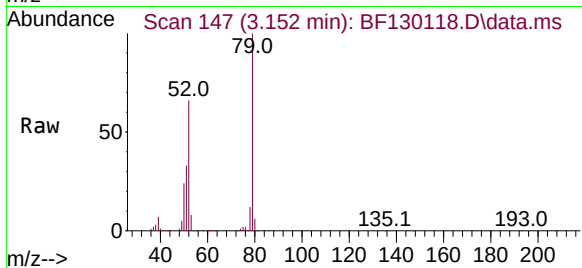
Tgt Ion: 88 Resp: 275818
Ion Ratio Lower Upper
88 100
58 72.1 60.9 91.3
43 25.7 23.6 35.4





#3
Pyridine
Concen: 41.884 ng
RT: 3.152 min Scan# 141
Delta R.T. 0.065 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

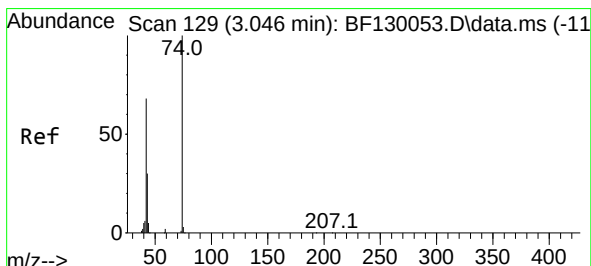
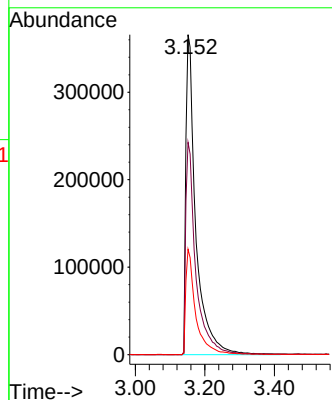
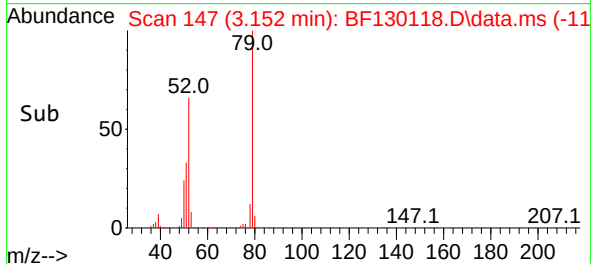
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion: 79 Resp: 730297
Ion Ratio Lower Upper
79 100
52 66.3 59.4 89.2
51 32.9 29.5 44.3

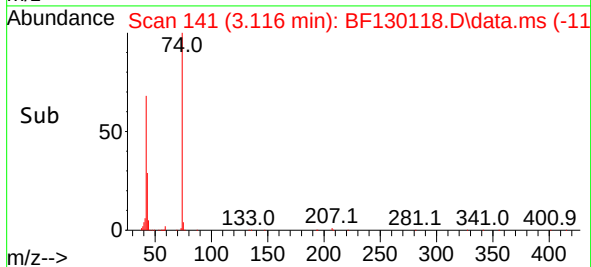
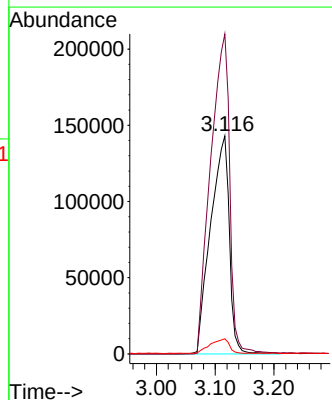
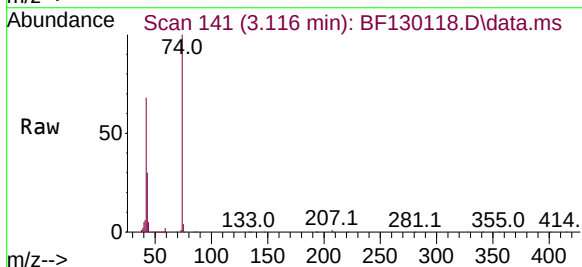
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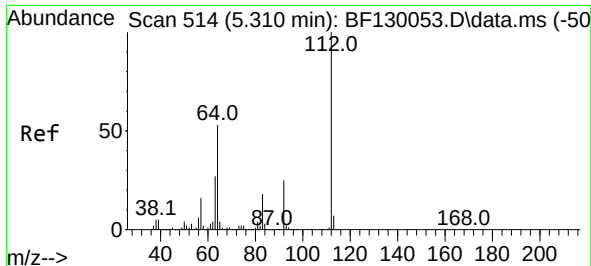
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#4
n-Nitrosodimethylamine
Concen: 46.128 ng
RT: 3.116 min Scan# 141
Delta R.T. 0.071 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

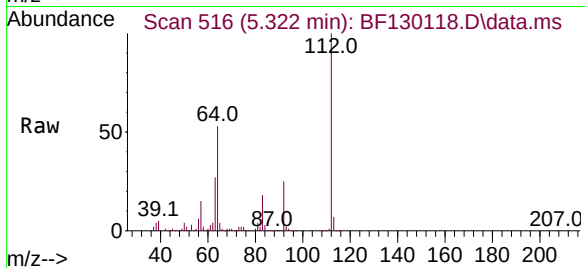
Tgt Ion: 42 Resp: 316305
Ion Ratio Lower Upper
42 100
74 146.8 103.1 154.7
44 7.0 5.4 8.2





#5
2-Fluorophenol
Concen: 115.522 ng
RT: 5.322 min Scan# 514
Delta R.T. 0.012 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

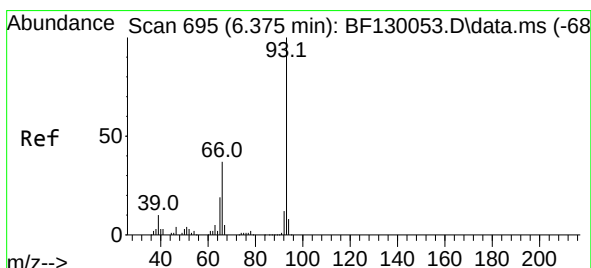
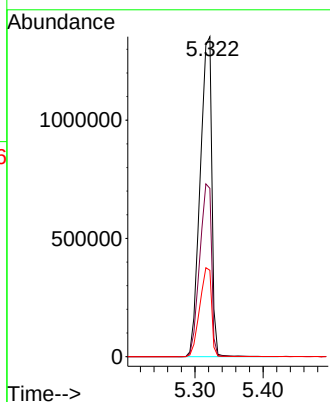
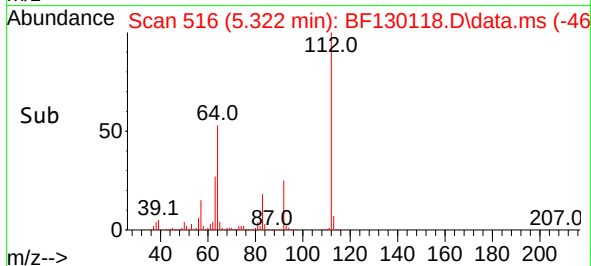
Instrument :
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ClientSampleId :
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Tgt Ion: 112 Resp: 1607342
Ion Ratio Lower Upper
112 100
64 52.6 47.6 71.4
63 27.0 24.6 37.0

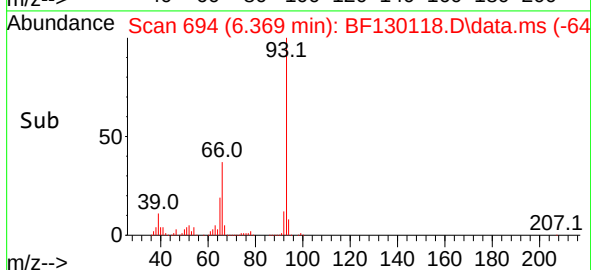
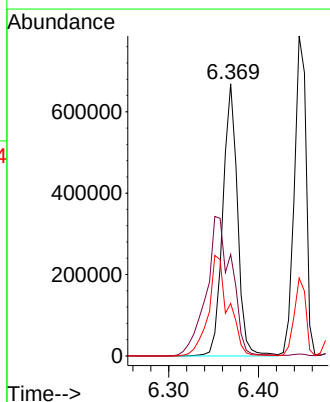
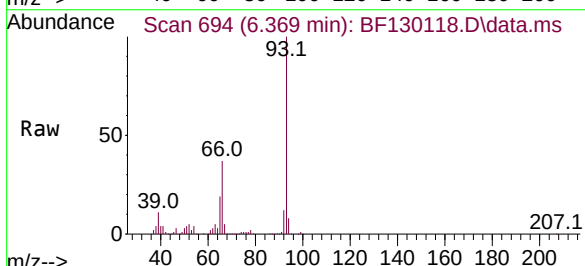
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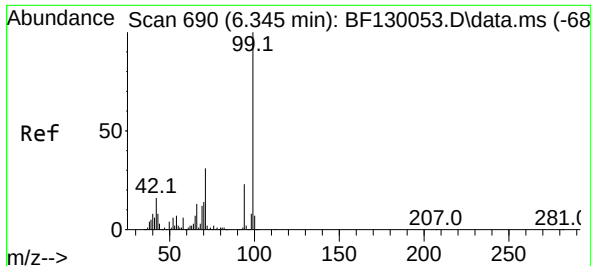
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#6
Aniline
Concen: 35.061 ng
RT: 6.369 min Scan# 694
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

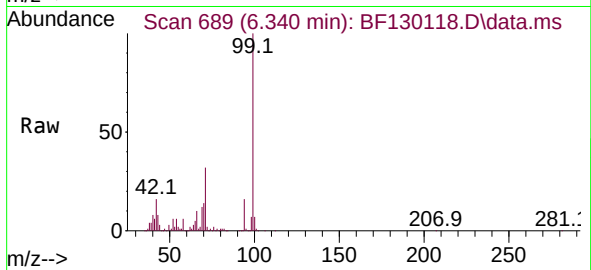
Tgt Ion: 93 Resp: 762496
Ion Ratio Lower Upper
93 100
66 37.3 68.7 103.1#
65 19.3 41.6 62.4#





#7
Phenol-d6
Concen: 117.472 ng
RT: 6.340 min Scan# 689
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

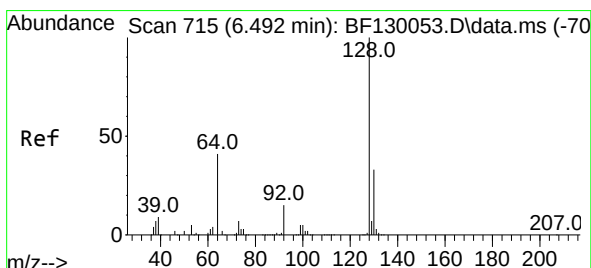
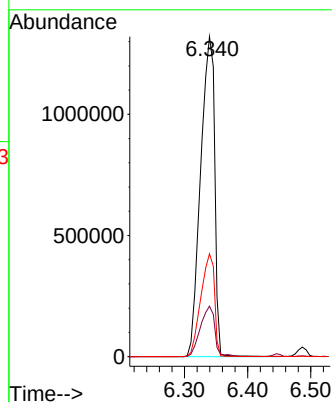
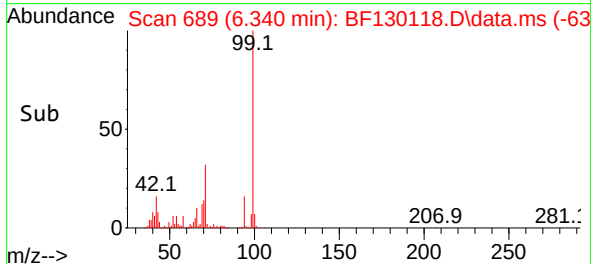
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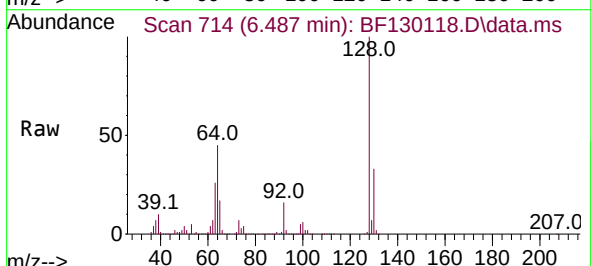
Tgt Ion: 99 Resp: 2037715
Ion Ratio Lower Upper
99 100
42 15.8 15.0 22.4
71 32.1 28.8 43.2

Manual Integrations
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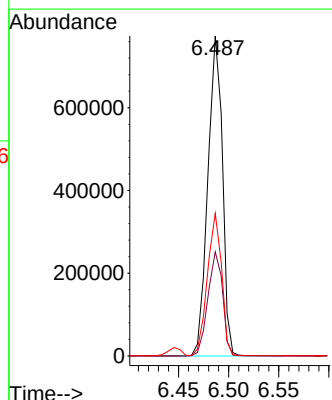
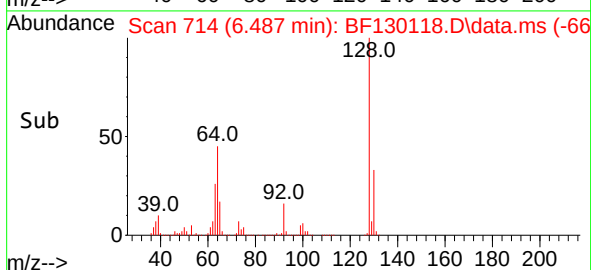
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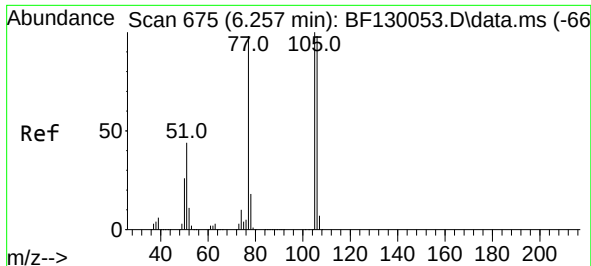


#8
2-Chlorophenol
Concen: 51.070 ng
RT: 6.487 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55



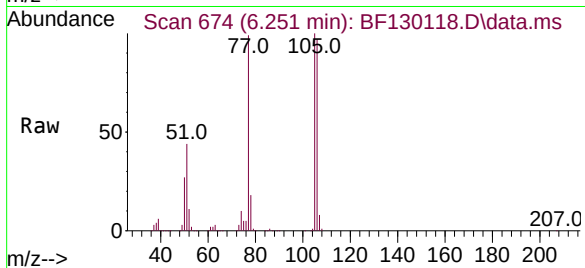
Tgt Ion:128 Resp: 779916
Ion Ratio Lower Upper
128 100
130 32.5 12.5 52.5
64 44.5 24.9 64.9





#9
Benzaldehyde
Concen: 35.927 ng
RT: 6.251 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

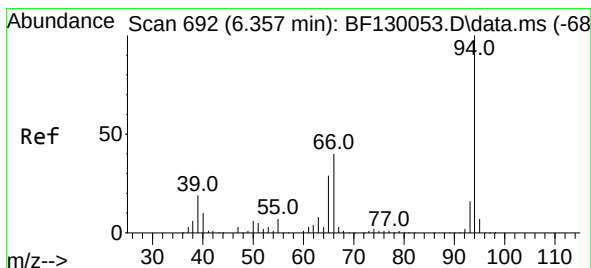
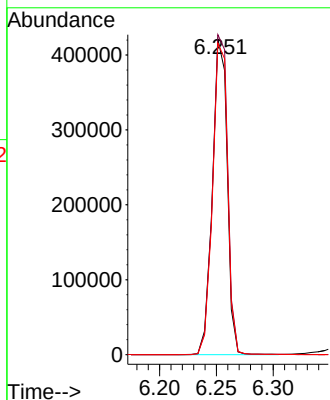
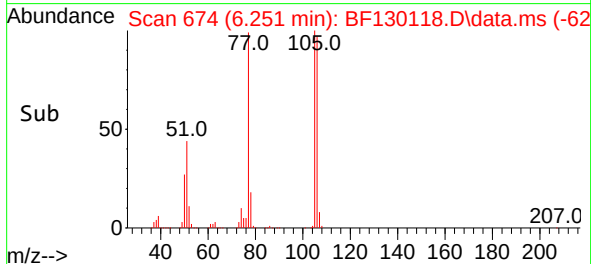
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BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion: 77 Resp: 381446
Ion Ratio Lower Upper
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105 101.4 80.3 120.3
106 98.7 74.3 114.3

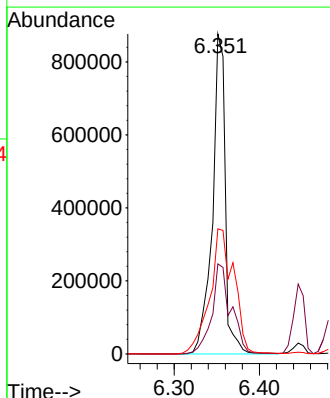
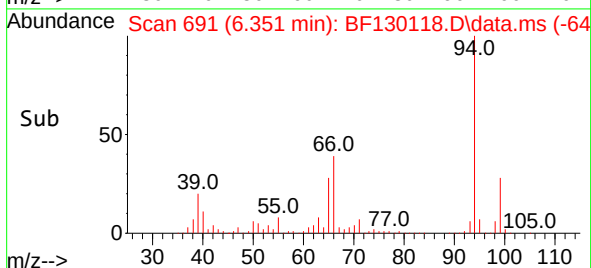
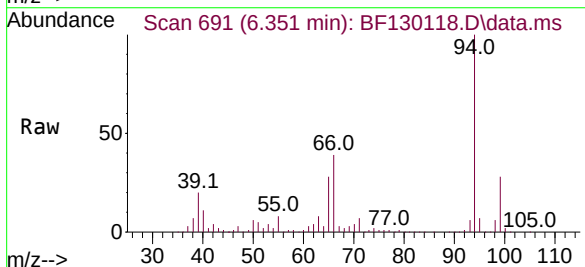
Manual Integrations
APPROVED

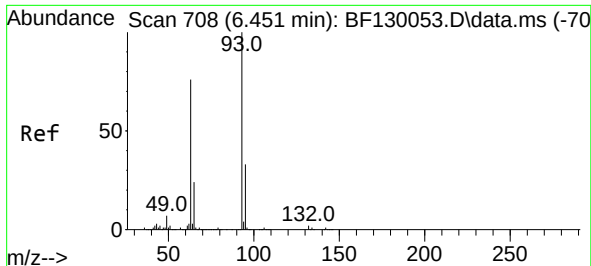
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#10
Phenol
Concen: 46.844 ng
RT: 6.351 min Scan# 691
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

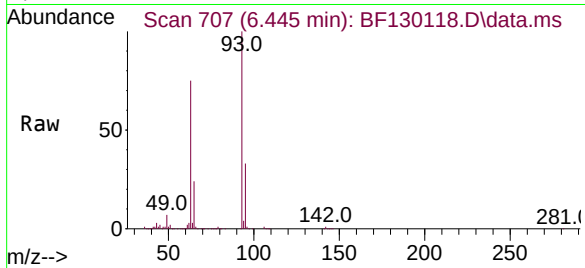
Tgt Ion: 94 Resp: 918479
Ion Ratio Lower Upper
94 100
65 28.1 24.9 64.9
66 39.1 54.2 94.2#





#11
bis(2-Chloroethyl)ether
Concen: 47.969 ng
RT: 6.445 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

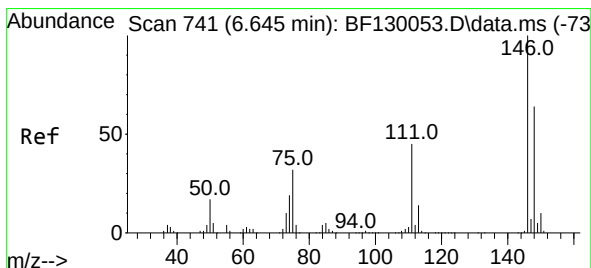
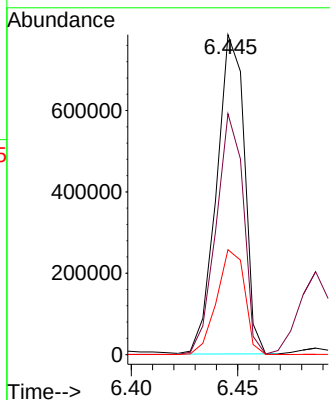
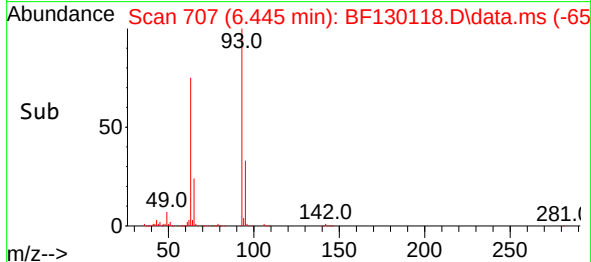
Instrument :
BNA_F
Client SampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion: 93 Resp: 714624
Ion Ratio Lower Upper
93 100
63 75.3 55.9 95.9
95 32.8 12.3 52.3

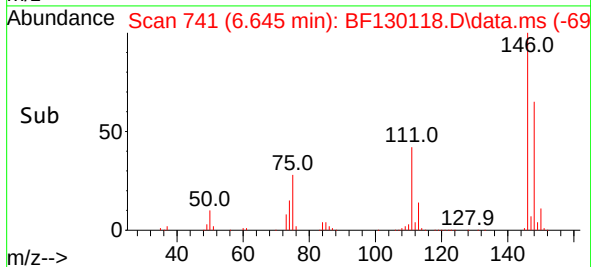
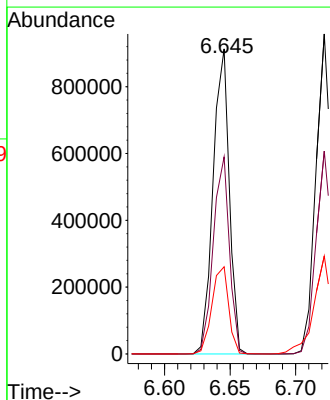
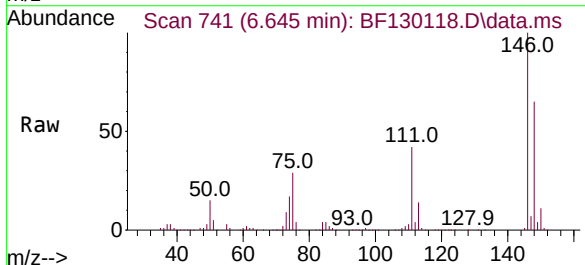
Manual Integrations
APPROVED

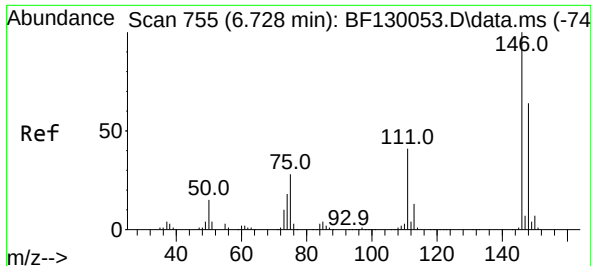
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#12
1,3-Dichlorobenzene
Concen: 46.360 ng
RT: 6.645 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

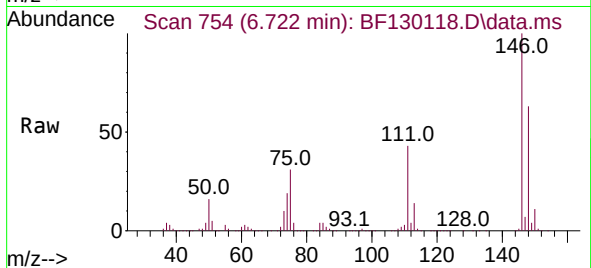
Tgt Ion:146 Resp: 784841
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
75 28.6 26.5 39.7





#13
1,4-Dichlorobenzene
Concen: 46.491 ng
RT: 6.722 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

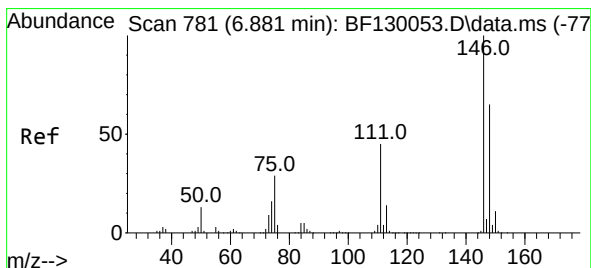
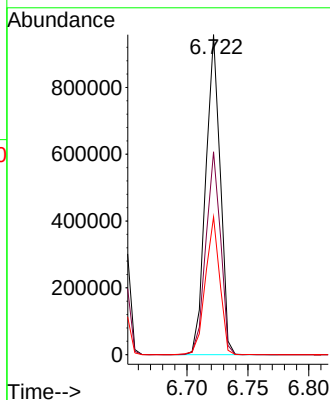
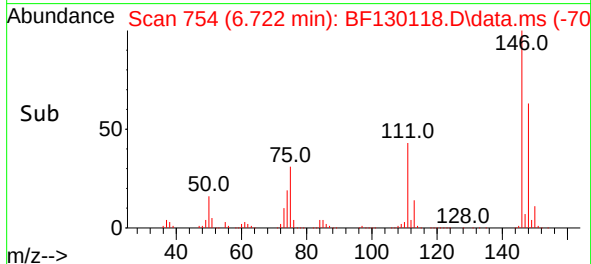
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



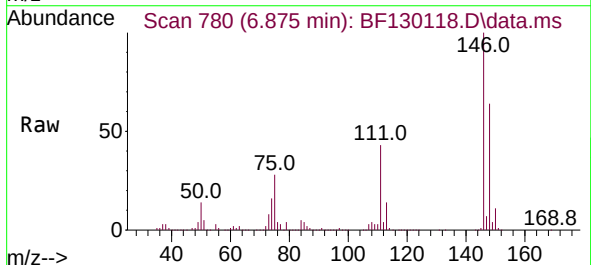
Tgt Ion:146 Resp: 792806
Ion Ratio Lower Upper
146 100
148 63.4 50.6 75.8
111 43.1 36.2 54.4

Manual Integrations
APPROVED

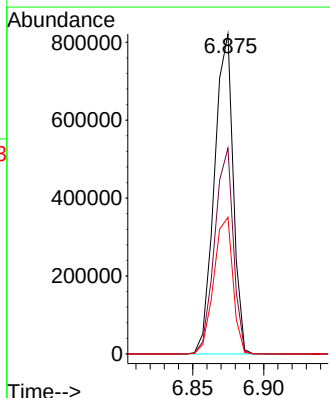
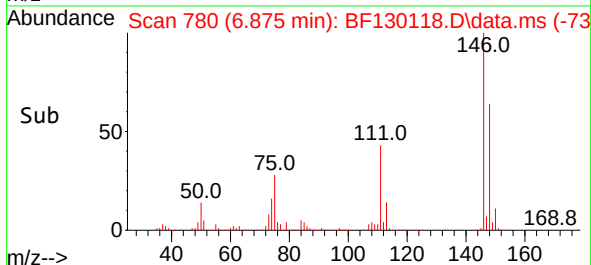
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

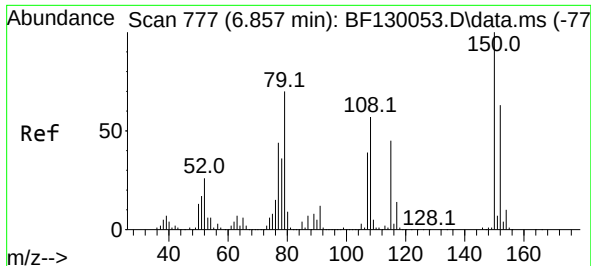


#14
1,2-Dichlorobenzene
Concen: 48.706 ng
RT: 6.875 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55



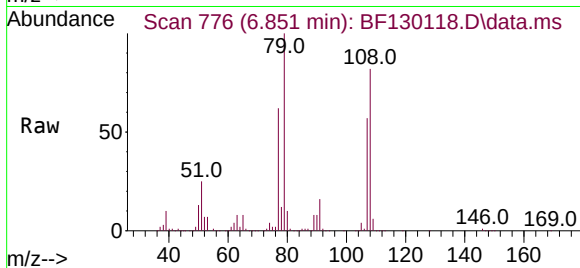
Tgt Ion:146 Resp: 755006
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 42.7 37.2 55.8





#15
Benzyl Alcohol
Concen: 49.669 ng
RT: 6.851 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

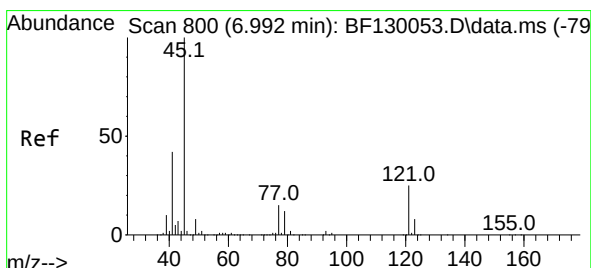
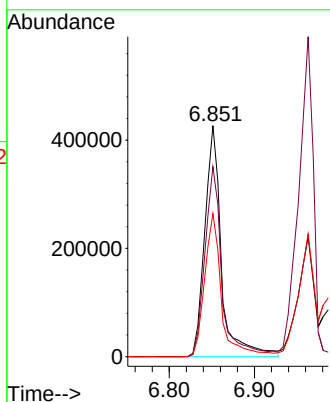
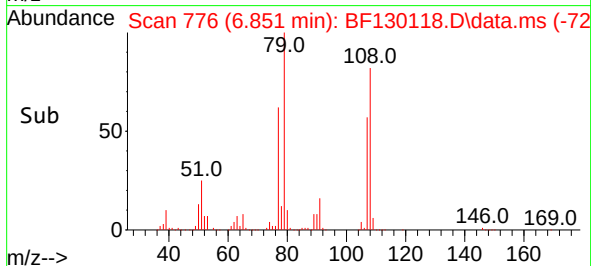
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion: 79 Resp: 580725
Ion Ratio Lower Upper
79 100
108 82.3 59.2 88.8
77 62.0 51.9 77.9

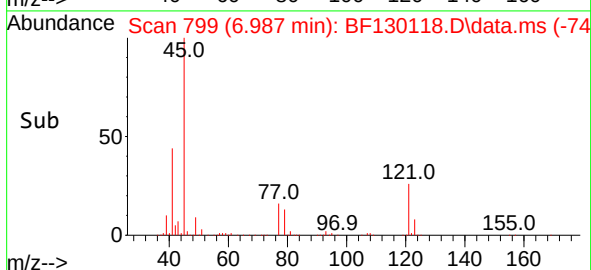
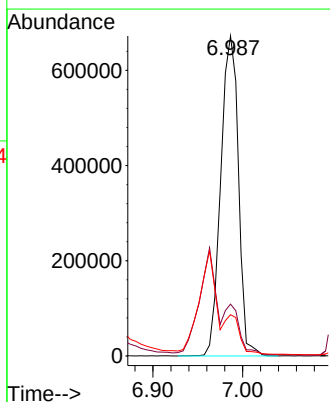
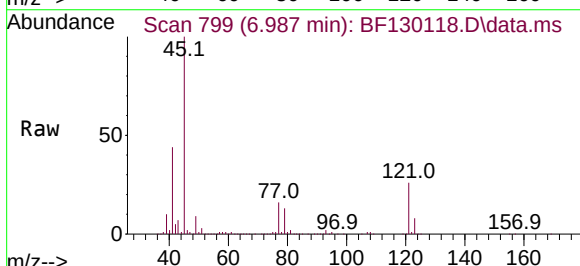
Manual Integrations
APPROVED

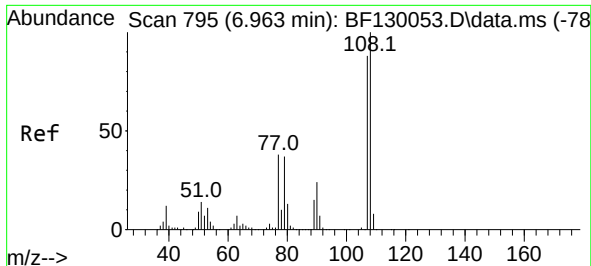
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.552 ng
RT: 6.987 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

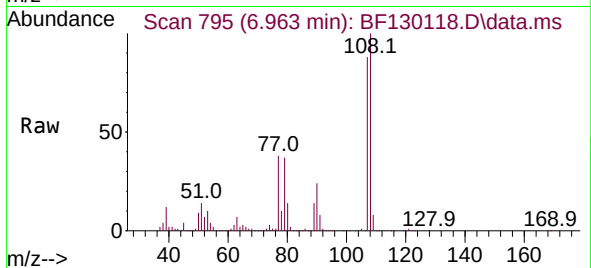
Tgt Ion: 45 Resp: 922263
Ion Ratio Lower Upper
45 100
77 16.2 27.4 67.4#
79 12.9 24.4 64.4#





#17
2-Methylphenol
Concen: 47.554 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

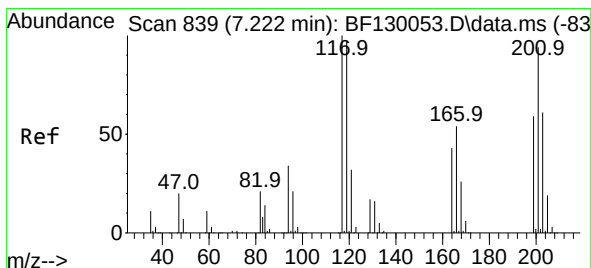
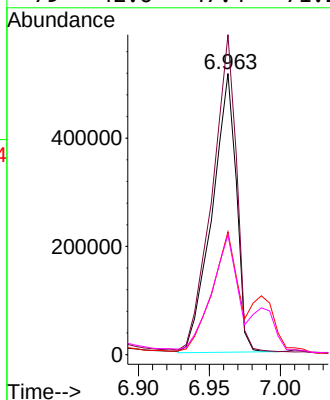
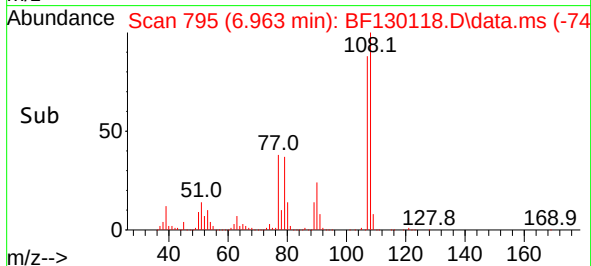
Instrument :
BNA_F
Client SampleId :
SAP2-T-5-(15-35)MSD



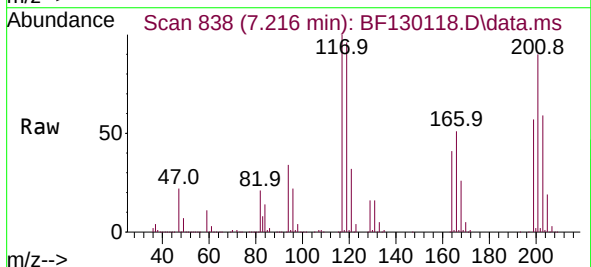
Tgt Ion:107 Resp: 611000
Ion Ratio Lower Upper
107 100
108 113.9 90.2 135.2
77 43.7 51.8 77.8
79 42.6 47.4 71.2#

Manual Integrations
APPROVED

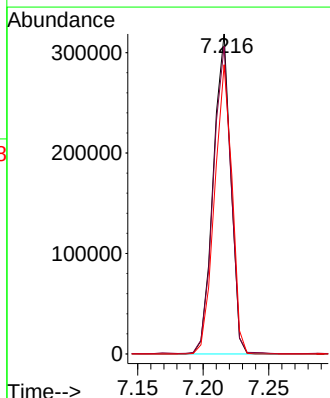
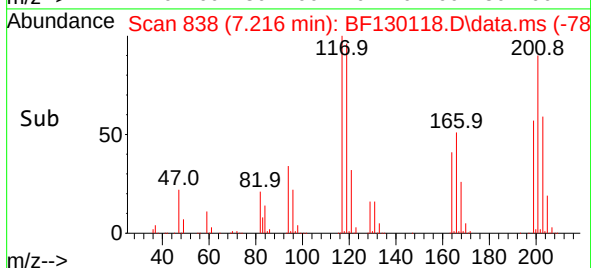
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

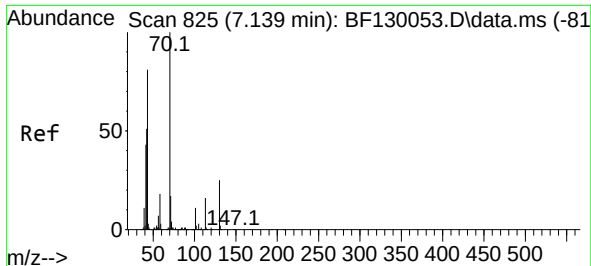


#18
Hexachloroethane
Concen: 47.970 ng
RT: 7.216 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55



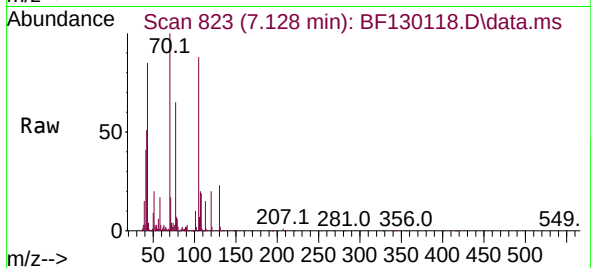
Tgt Ion:117 Resp: 295392
Ion Ratio Lower Upper
117 100
119 96.1 79.1 118.7
201 90.4 66.6 100.0





#19
n-Nitroso-di-n-propylamine
Concen: 46.207 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

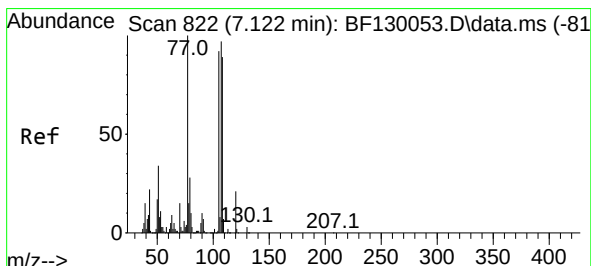
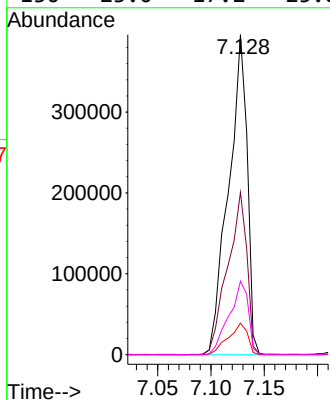
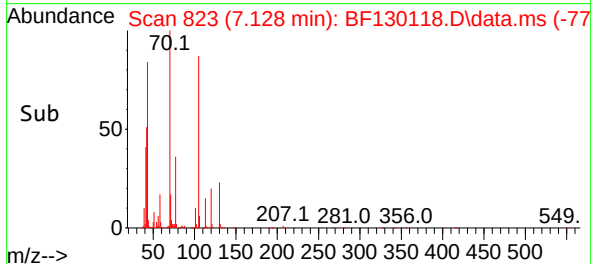
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



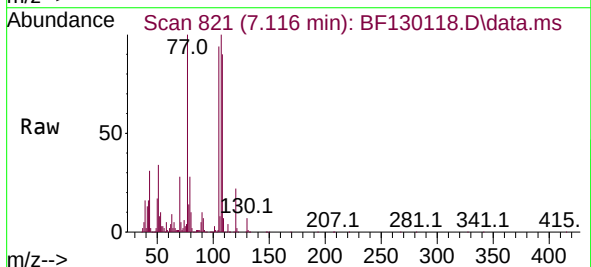
Tgt Ion: 70 Resp: 482873
Ion Ratio Lower Upper
70 100
42 50.8 47.6 71.4
101 9.8 8.1 12.1
130 23.0 17.2 25.8

Manual Integrations
APPROVED

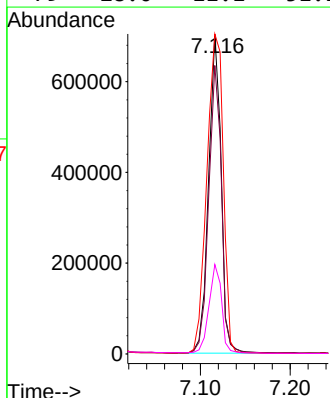
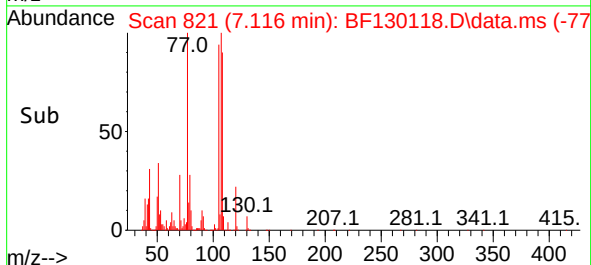
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

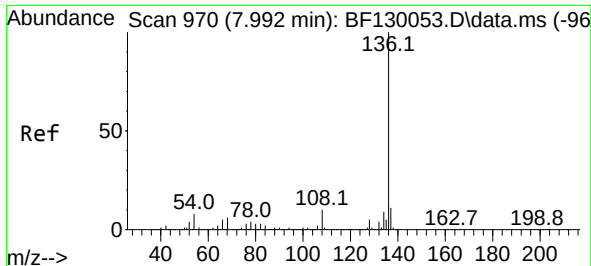


#20
3+4-Methylphenols
Concen: 45.176 ng
RT: 7.116 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55



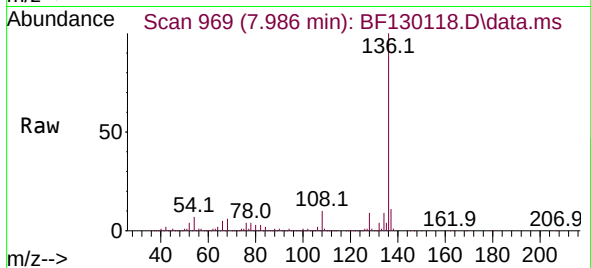
Tgt Ion:107 Resp: 680678
Ion Ratio Lower Upper
107 100
108 90.3 71.3 111.3
77 100.2 20.4 60.4#
79 28.0 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.986 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

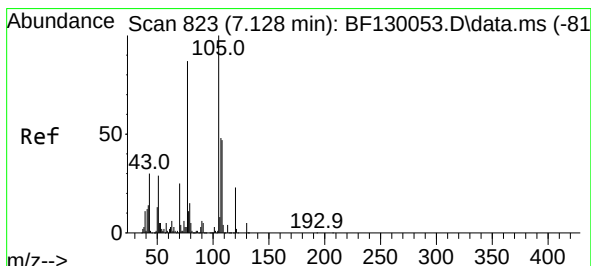
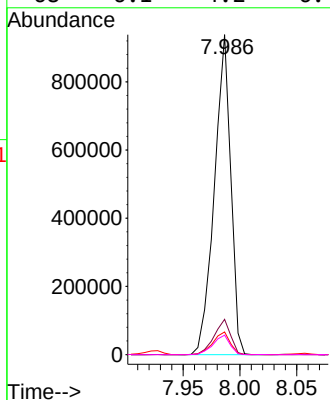
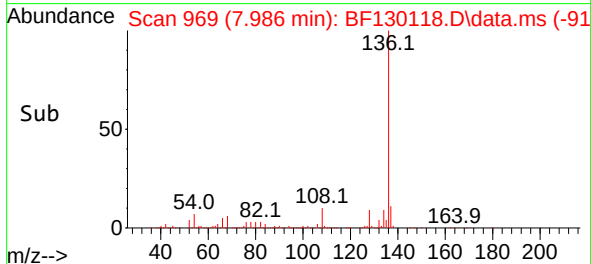
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion:136 Resp: 939734
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.1 6.2 9.2
68 6.1 4.2 6.4

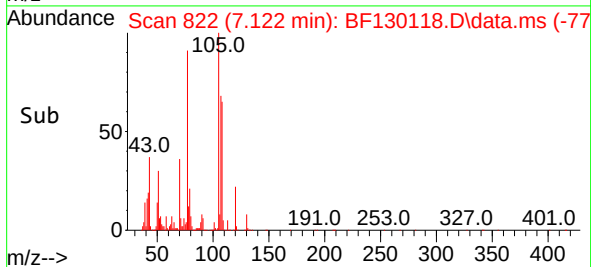
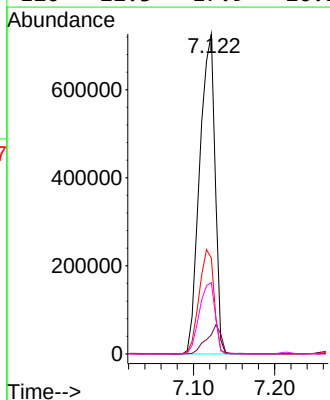
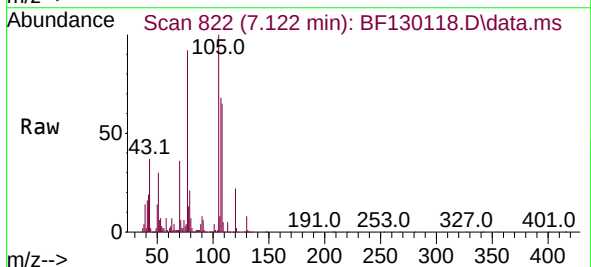
Manual Integrations
APPROVED

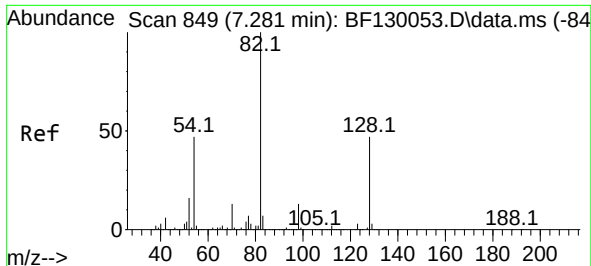
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#22
Acetophenone
Concen: 45.434 ng
RT: 7.122 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

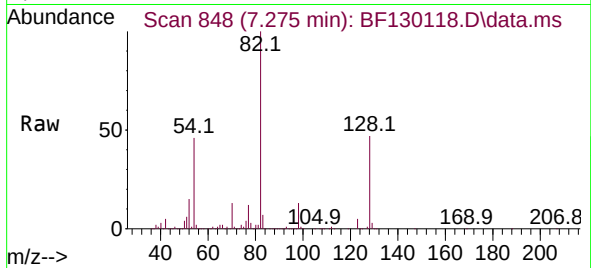
Tgt Ion:105 Resp: 953885
Ion Ratio Lower Upper
105 100
71 6.0 6.6 9.8#
51 30.0 23.8 35.8
120 22.3 17.9 26.9





#23
Nitrobenzene-d5
Concen: 83.099 ng
RT: 7.275 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

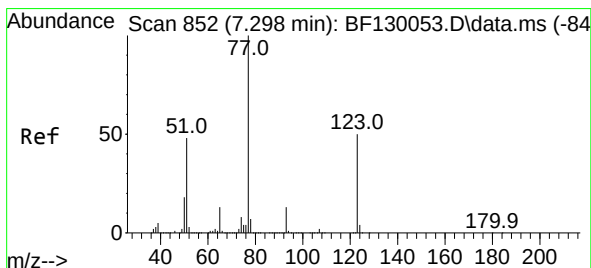
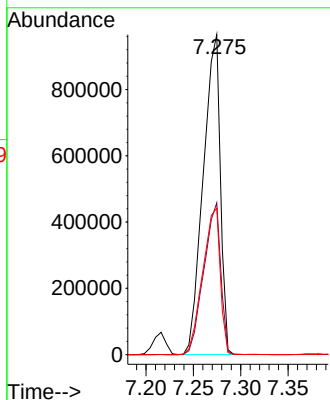
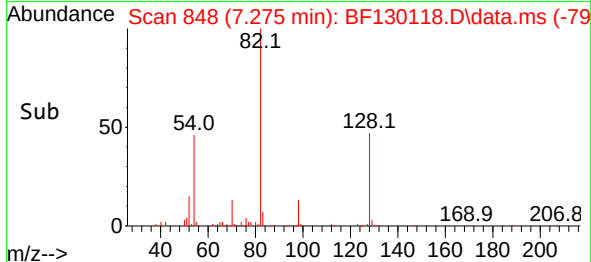
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion: 82 Resp: 1215115
Ion Ratio Lower Upper
82 100
128 47.5 36.1 54.1
54 45.8 40.0 60.0

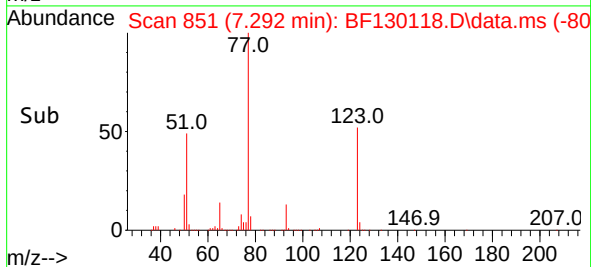
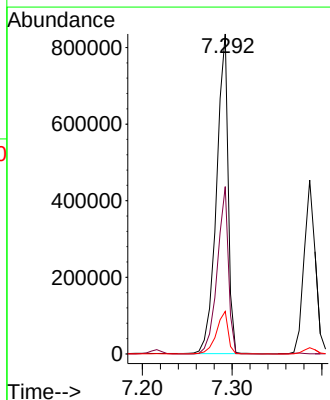
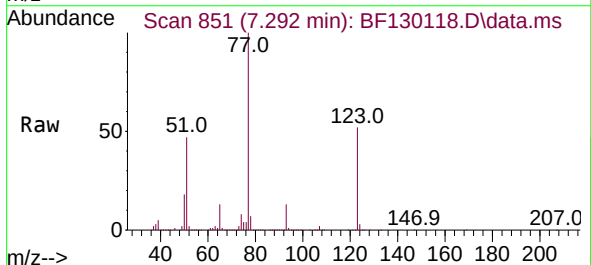
Manual Integrations
APPROVED

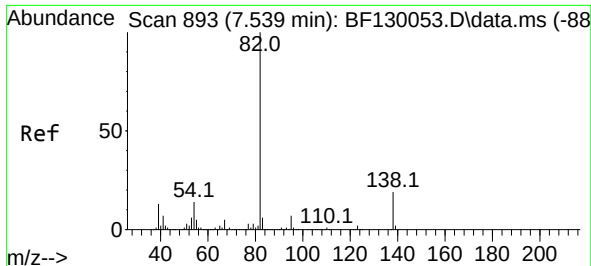
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#24
Nitrobenzene
Concen: 48.666 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

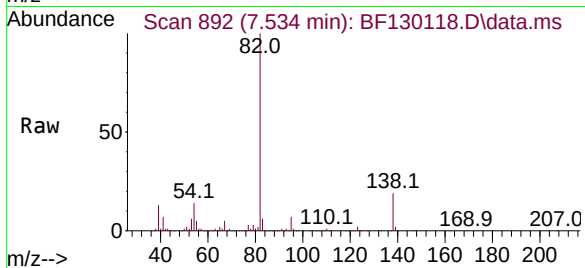
Tgt Ion: 77 Resp: 756817
Ion Ratio Lower Upper
77 100
123 52.3 39.2 58.8
65 13.3 11.1 16.7





#25
Isophorone
Concen: 48.896 ng
RT: 7.534 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

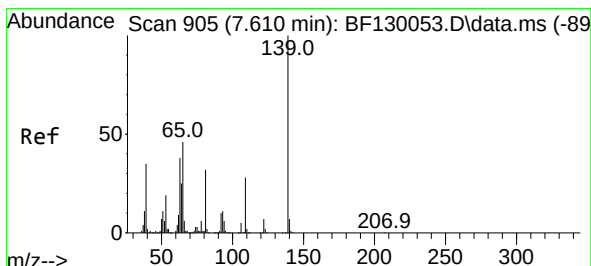
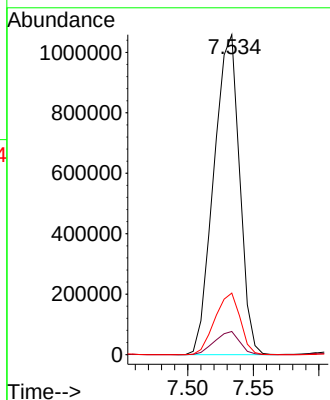
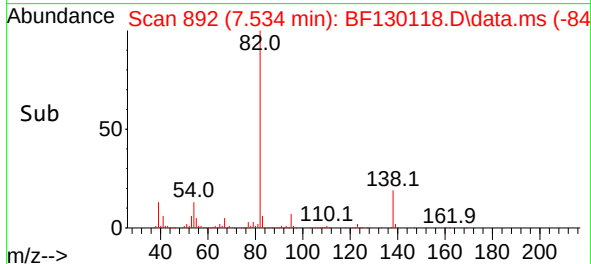
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



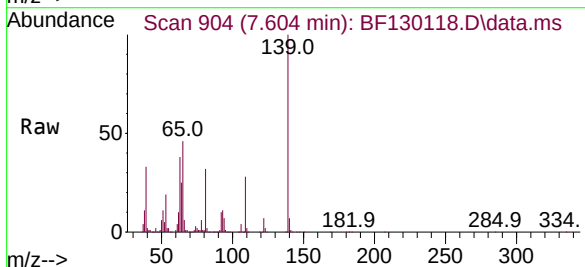
Tgt Ion: 82 Resp: 1447119
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 19.2 14.6 21.8

Manual Integrations
APPROVED

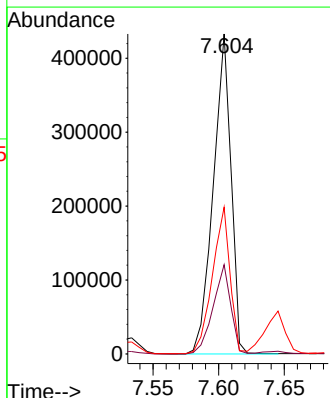
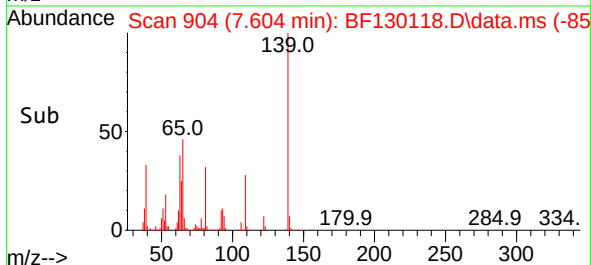
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

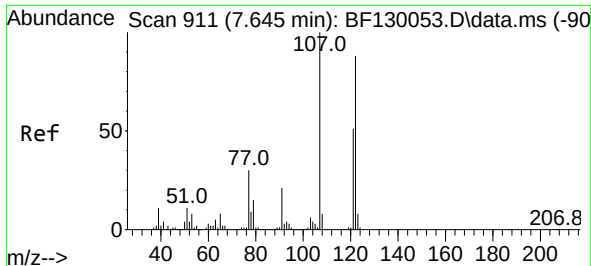


#26
2-Nitrophenol
Concen: 55.229 ng
RT: 7.604 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55



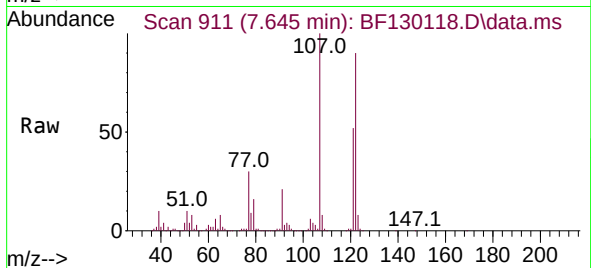
Tgt Ion:139 Resp: 407625
Ion Ratio Lower Upper
139 100
109 27.9 24.4 36.6
65 45.8 40.9 61.3





#27
2,4-Dimethylphenol
Concen: 55.472 ng
RT: 7.645 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

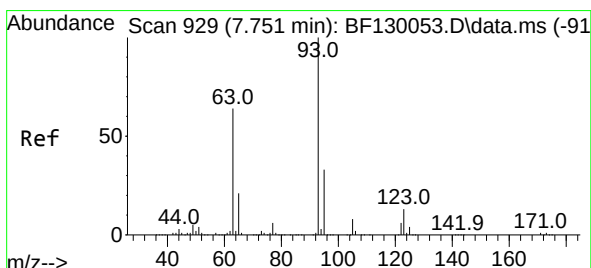
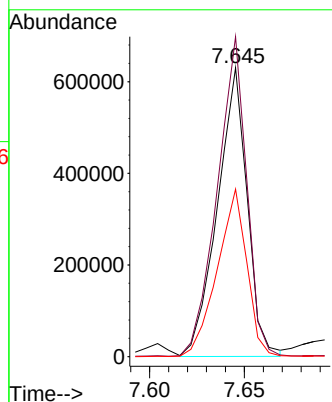
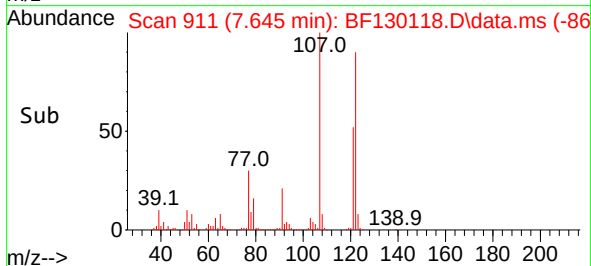
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion:122 Resp: 688872
Ion Ratio Lower Upper
122 100
107 110.8 92.2 138.4
121 58.0 46.1 69.1

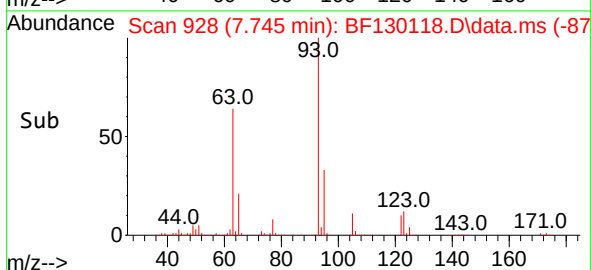
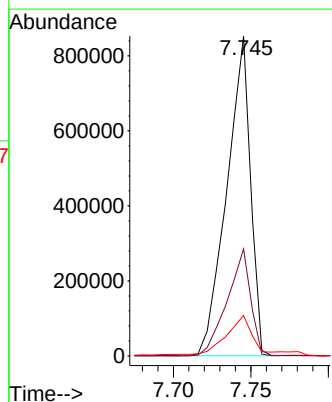
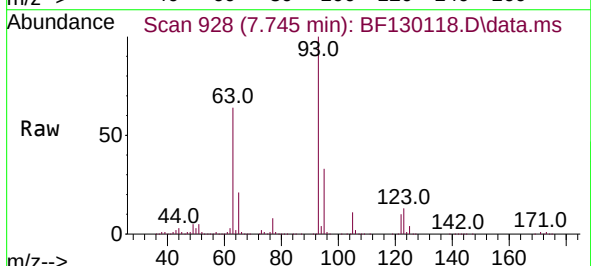
Manual Integrations
APPROVED

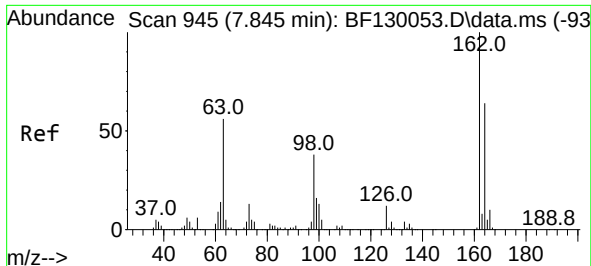
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#28
bis(2-Chloroethoxy)methane
Concen: 50.967 ng
RT: 7.745 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

Tgt Ion: 93 Resp: 906105
Ion Ratio Lower Upper
93 100
95 33.5 25.6 38.4
123 12.7 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 48.781 ng

RT: 7.845 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF130118.D

Acq: 02 Sep 2022 18:55

Instrument :

BNA_F

ClientSampleId :

SAP2-T-5-(15-35)MSD

Tgt Ion:162 Resp: 647990

Ion Ratio Lower Upper

162 100

164 63.8 43.7 83.7

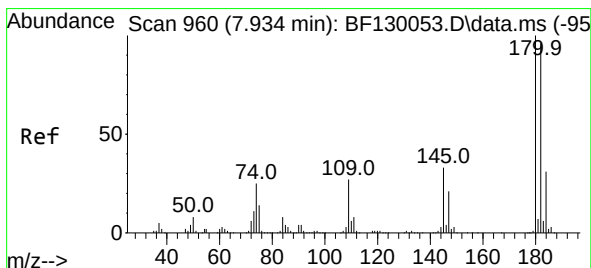
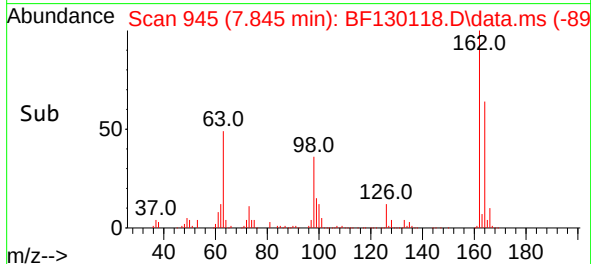
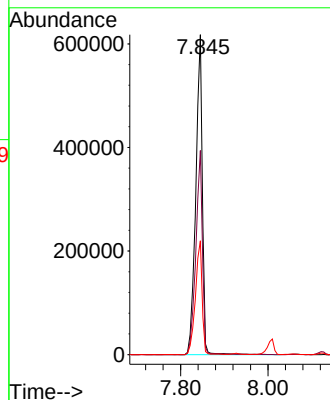
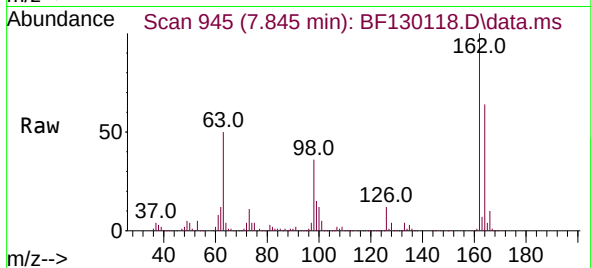
98 35.6 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.746 ng

RT: 7.928 min Scan# 959

Delta R.T. -0.006 min

Lab File: BF130118.D

Acq: 02 Sep 2022 18:55

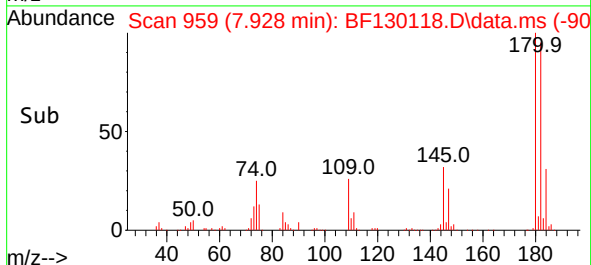
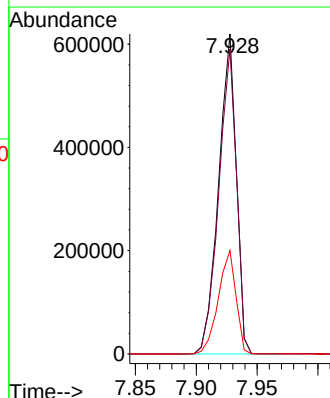
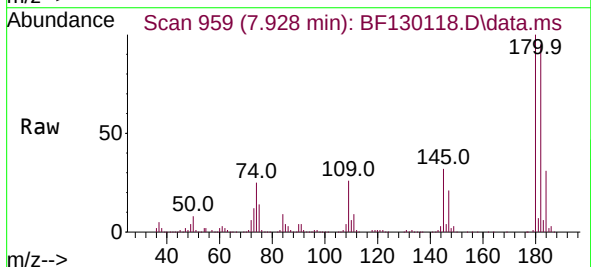
Tgt Ion:180 Resp: 626716

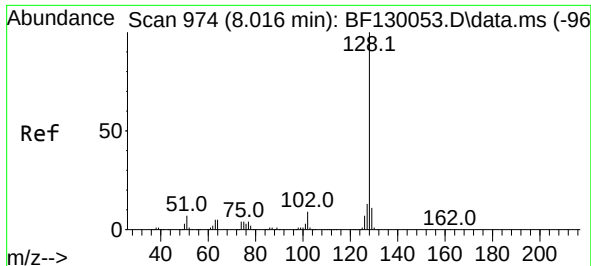
Ion Ratio Lower Upper

180 100

182 95.3 77.6 116.4

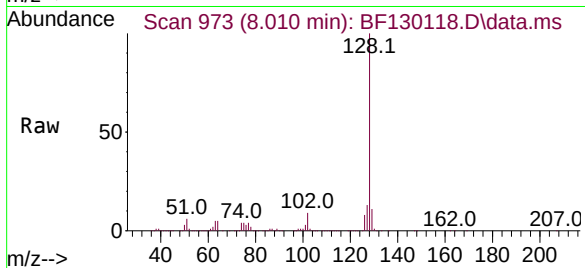
145 32.3 25.6 38.4





#31
Naphthalene
Concen: 44.232 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

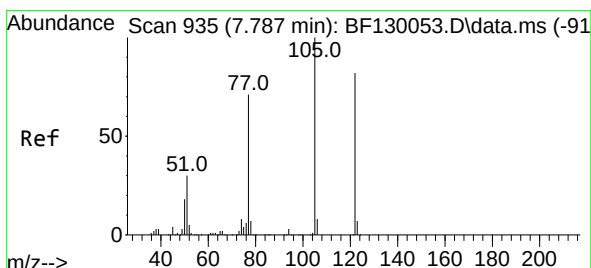
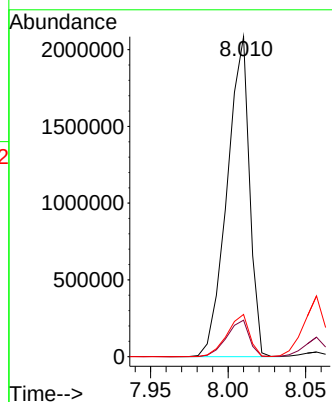
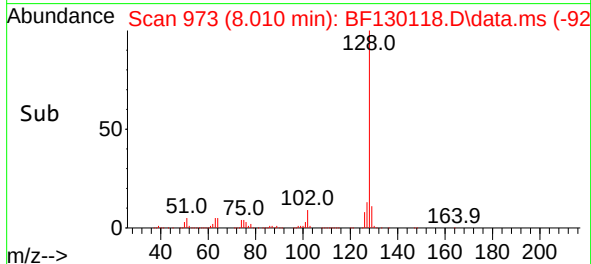
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion:128 Resp: 2096410
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.2 10.7 16.1

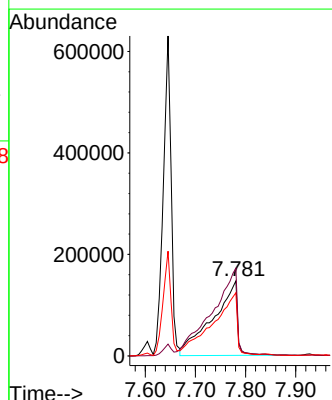
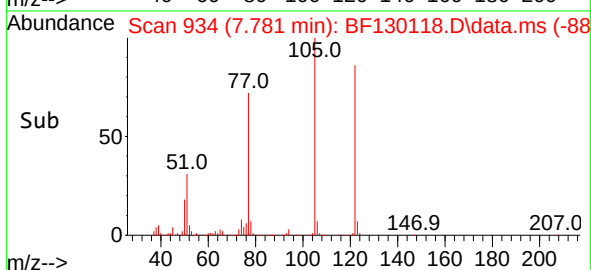
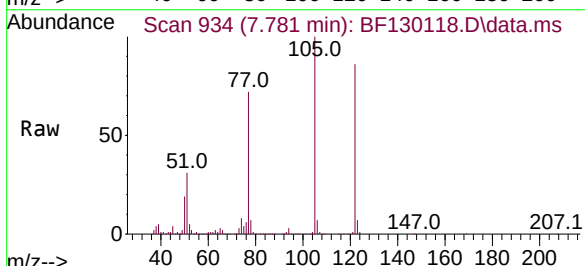
Manual Integrations
APPROVED

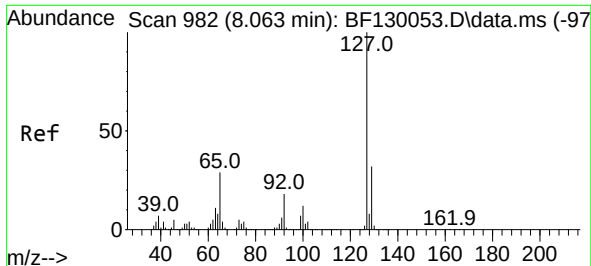
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#32
Benzoic acid
Concen: 49.095 ng
RT: 7.781 min Scan# 934
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

Tgt Ion:122 Resp: 499573
Ion Ratio Lower Upper
122 100
105 116.7 99.9 139.9
77 84.3 65.9 105.9





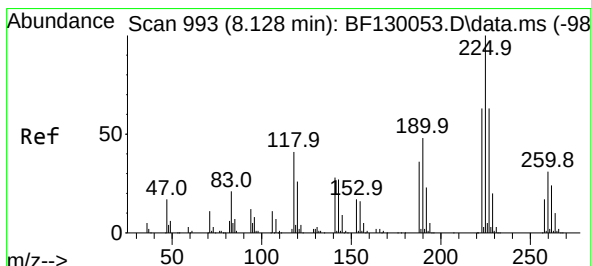
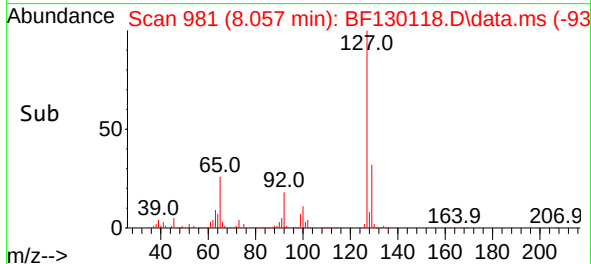
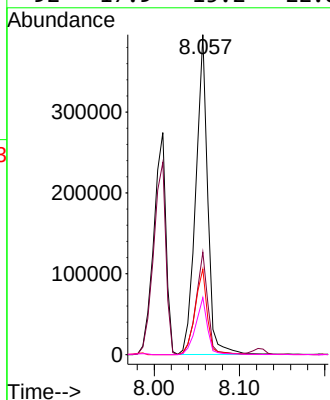
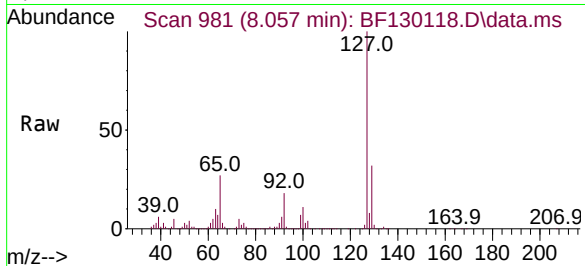
#33
4-Chloroaniline
Concen: 20.080 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD

Tgt Ion:	127	Resp:	384502
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.7	40.1
65	26.7	24.2	36.2
92	17.9	15.2	22.8

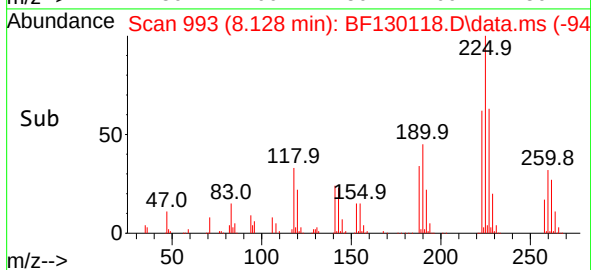
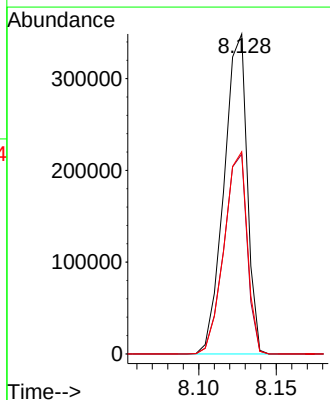
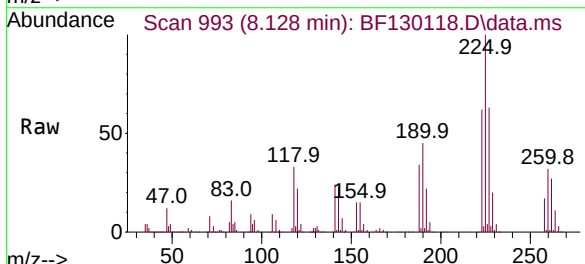
Manual Integrations
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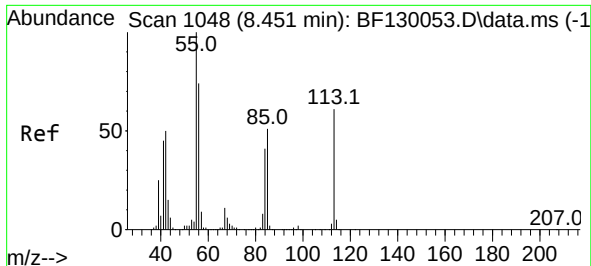
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#34
Hexachlorobutadiene
Concen: 45.097 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

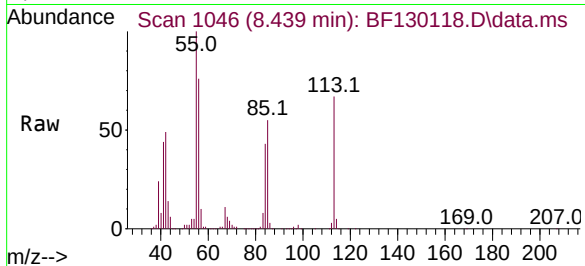
Tgt Ion:	225	Resp:	361745
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.2	75.2
227	63.2	50.6	75.8





#35
 Caprolactam
 Concen: 48.465 ng m
 RT: 8.439 min Scan# 1046
 Delta R.T. -0.012 min
 Lab File: BF130118.D
 Acq: 02 Sep 2022 18:55

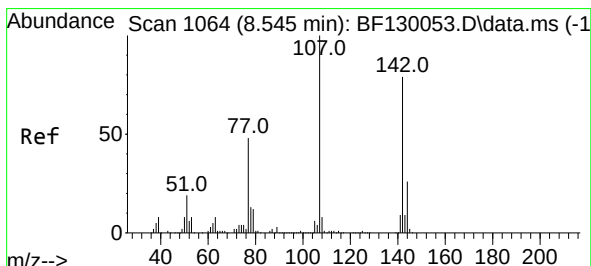
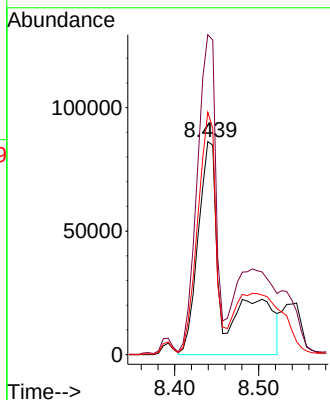
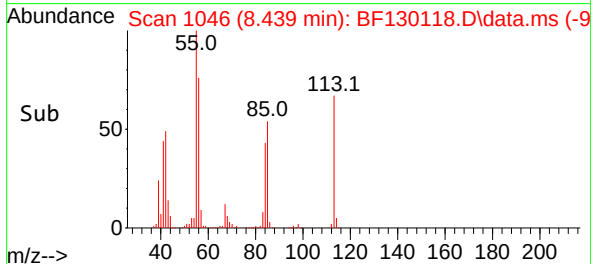
Instrument :
 BNA_F
 ClientSampleId :
 SAP2-T-5-(15-35)MSD



Tgt Ion:113 Resp: 199502
 Ion Ratio Lower Upper
 113 100
 55 150.2 148.8 188.8
 56 113.8 109.1 149.1

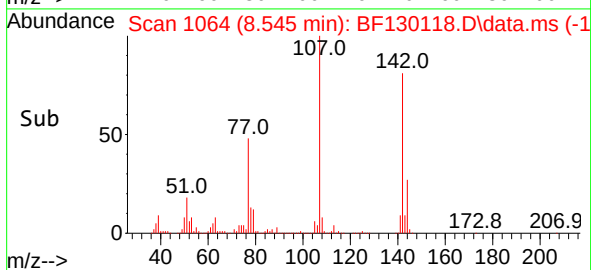
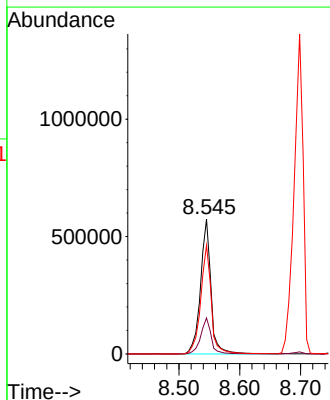
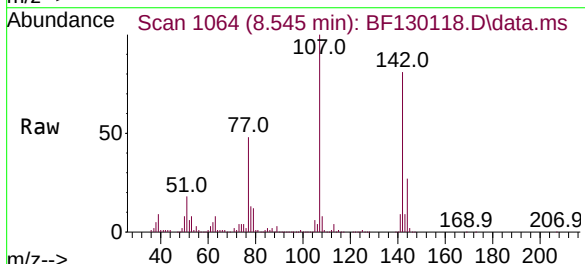
Manual Integrations
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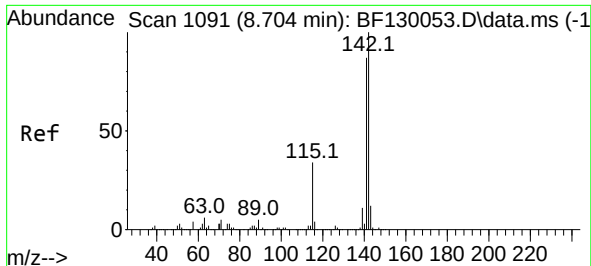
Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022



#36
 4-Chloro-3-methylphenol
 Concen: 50.869 ng
 RT: 8.545 min Scan# 1064
 Delta R.T. 0.000 min
 Lab File: BF130118.D
 Acq: 02 Sep 2022 18:55

Tgt Ion:107 Resp: 683760
 Ion Ratio Lower Upper
 107 100
 144 26.7 19.9 29.9
 142 80.6 60.2 90.4





#37

2-Methylnaphthalene

Concen: 46.214 ng

RT: 8.698 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130118.D

Acq: 02 Sep 2022 18:55

Instrument :

BNA_F

ClientSampleId :

SAP2-T-5-(15-35)MSD

Tgt Ion:142 Resp: 1410944

Ion Ratio Lower Upper

142 100

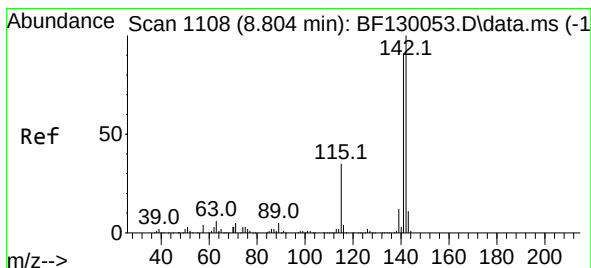
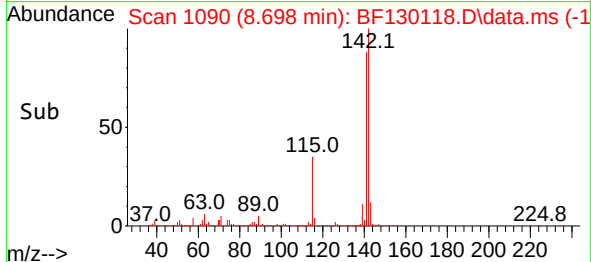
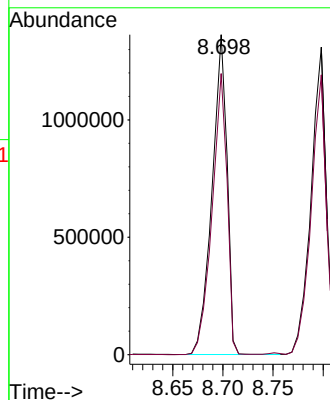
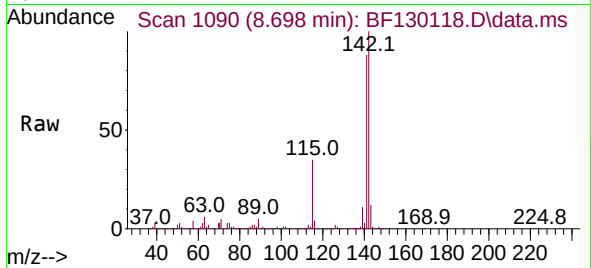
141 87.8 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#38

1-Methylnaphthalene

Concen: 45.475 ng

RT: 8.798 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF130118.D

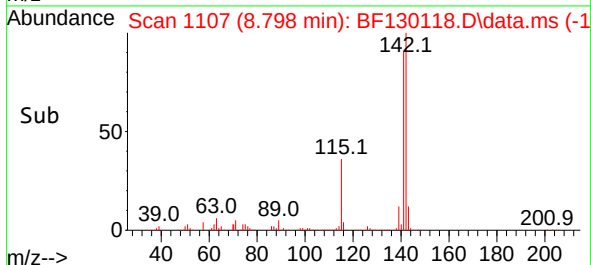
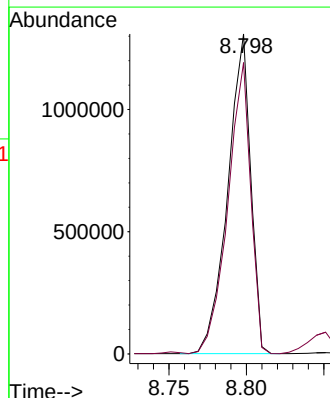
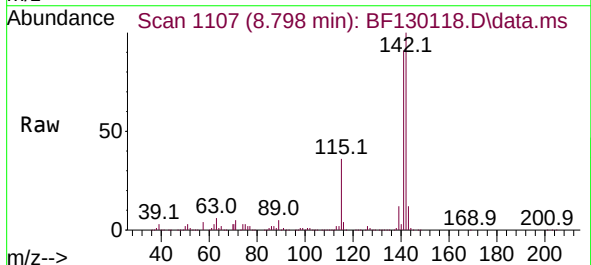
Acq: 02 Sep 2022 18:55

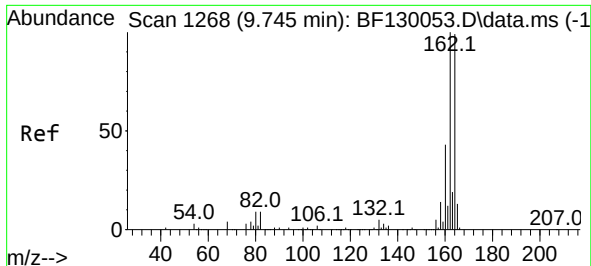
Tgt Ion:142 Resp: 1349518

Ion Ratio Lower Upper

142 100

141 91.0 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.739 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF130118.D

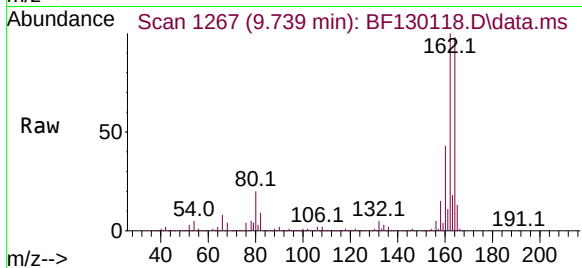
Acq: 02 Sep 2022 18:55

Instrument :

BNA_F

ClientSampleId :

SAP2-T-5-(15-35)MSD



Tgt Ion:164 Resp: 508838

Ion Ratio Lower Upper

164 100

162 102.4 82.0 123.0

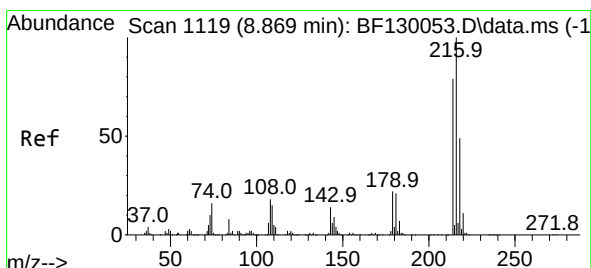
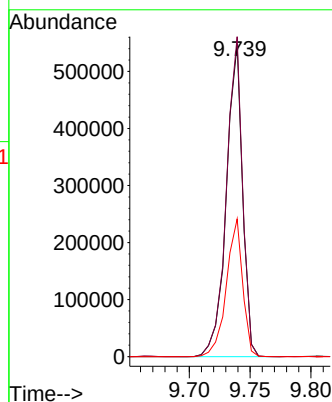
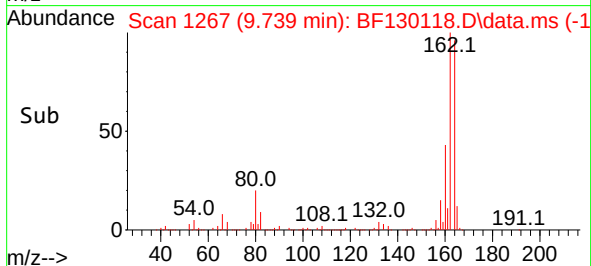
160 44.0 35.4 53.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.864 ng

RT: 8.863 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF130118.D

Acq: 02 Sep 2022 18:55

Tgt Ion:216 Resp: 595275

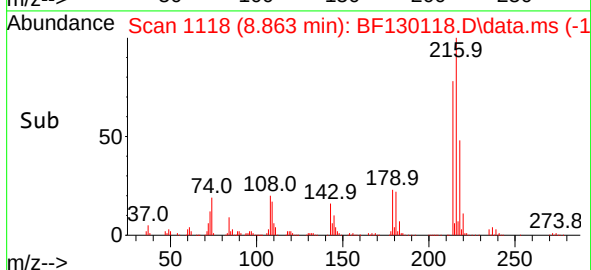
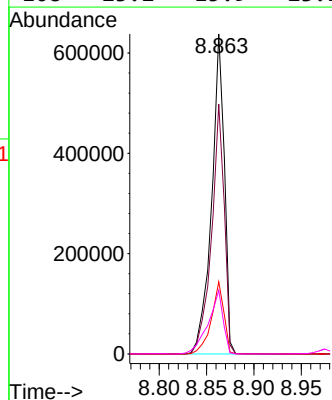
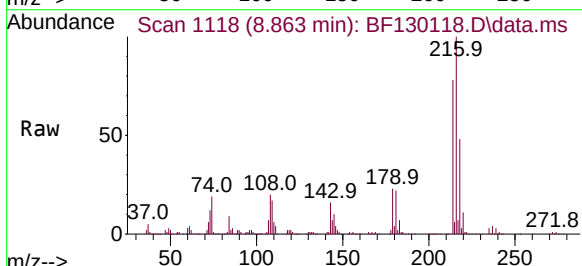
Ion Ratio Lower Upper

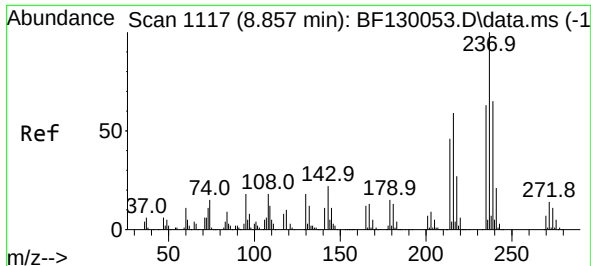
216 100

214 77.8 63.1 94.7

179 22.3 18.1 27.1

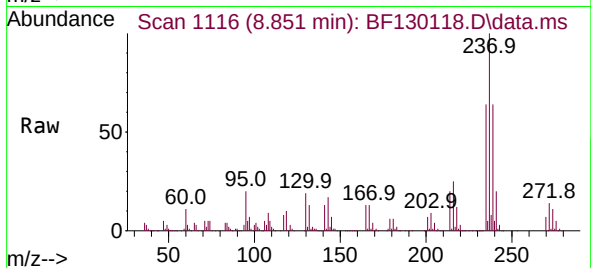
108 23.2 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 101.250 ng
RT: 8.851 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

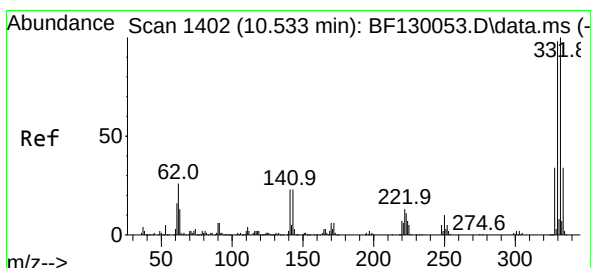
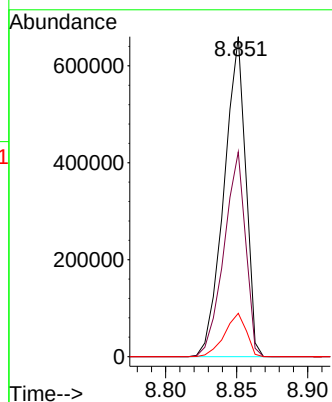
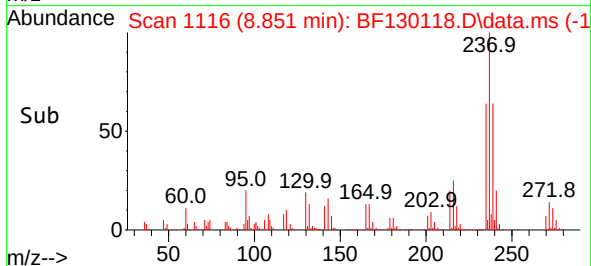
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



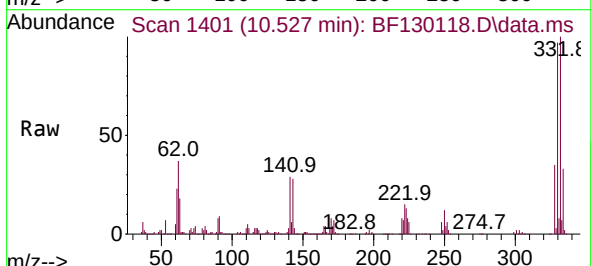
Tgt Ion:237 Resp: 702094
Ion Ratio Lower Upper
237 100
235 64.0 41.5 81.5
272 13.5 0.0 33.3

Manual Integrations
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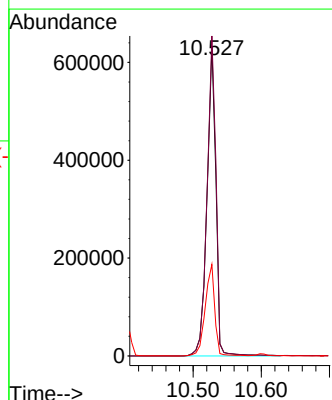
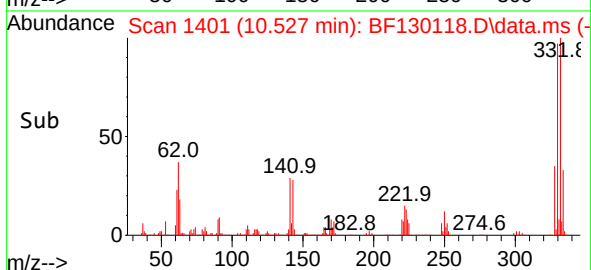
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

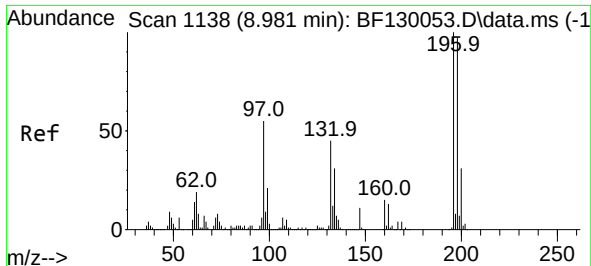


#42
2,4,6-Tribromophenol
Concen: 124.476 ng
RT: 10.527 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55



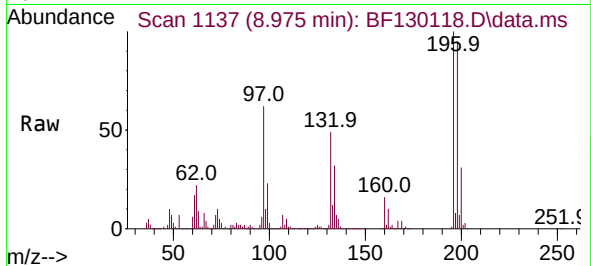
Tgt Ion:330 Resp: 576554
Ion Ratio Lower Upper
330 100
332 103.8 82.6 124.0
141 31.6 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 47.989 ng
RT: 8.975 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

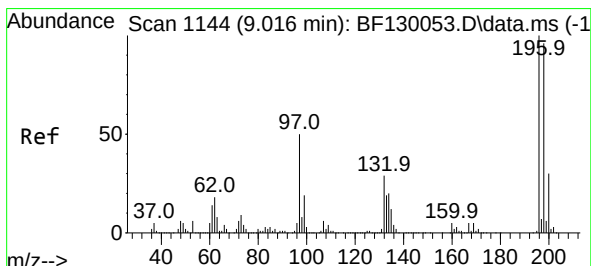
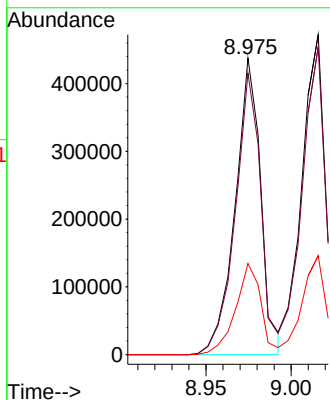
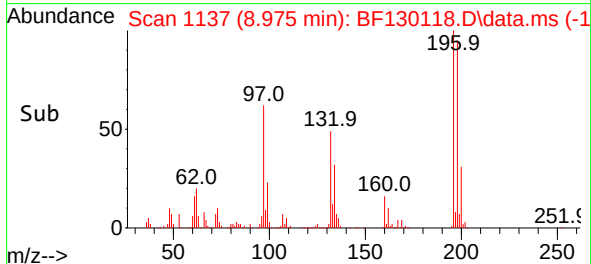
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



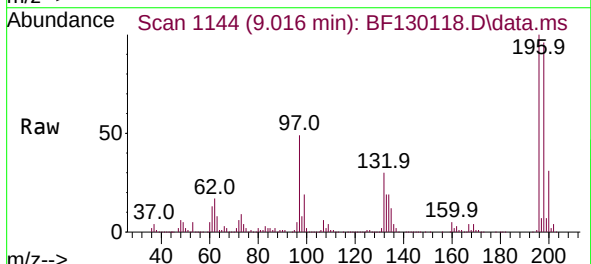
Tgt Ion:196 Resp: 454501
Ion Ratio Lower Upper
196 100
198 94.9 79.0 118.4
200 30.8 25.1 37.7

Manual Integrations
APPROVED

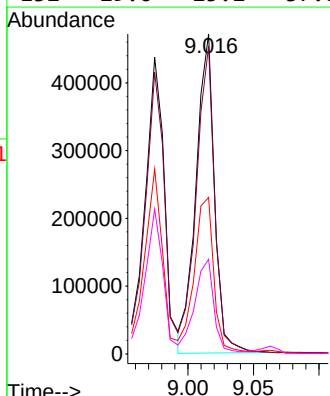
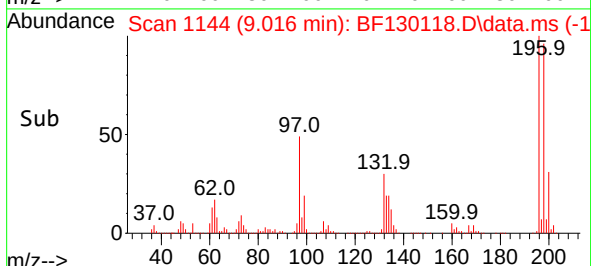
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

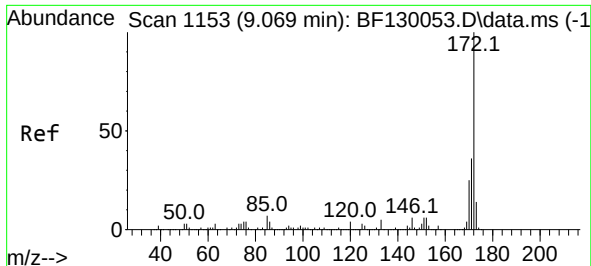


#44
2,4,5-Trichlorophenol
Concen: 45.308 ng
RT: 9.016 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55



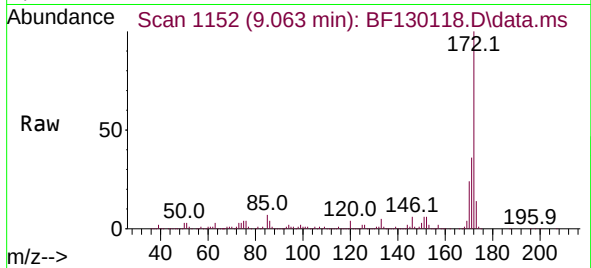
Tgt Ion:196 Resp: 465107
Ion Ratio Lower Upper
196 100
198 96.1 76.4 114.6
97 48.9 46.5 69.7
132 29.6 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 72.370 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

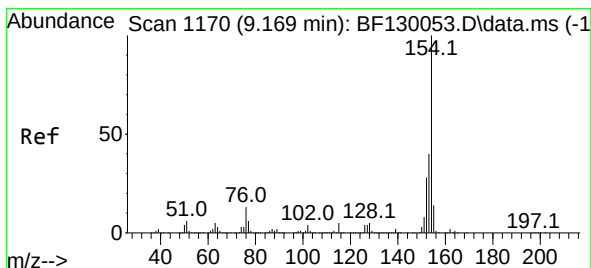
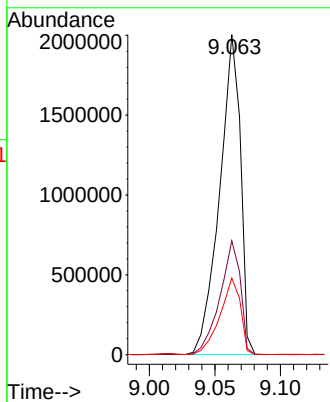
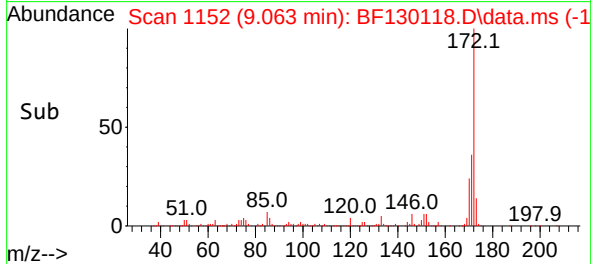
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion:172 Resp: 2221072
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.9 19.1 28.7

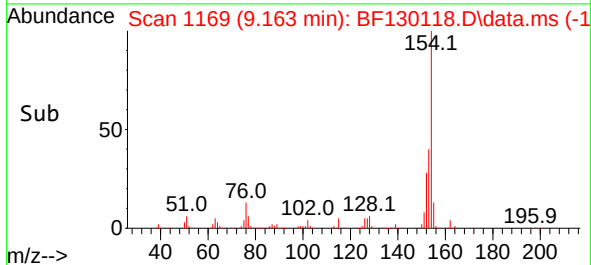
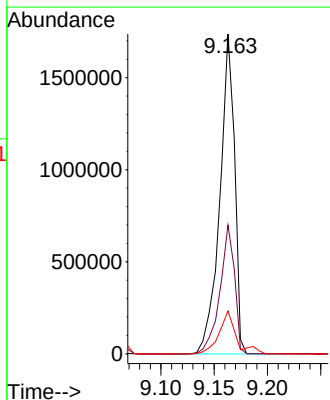
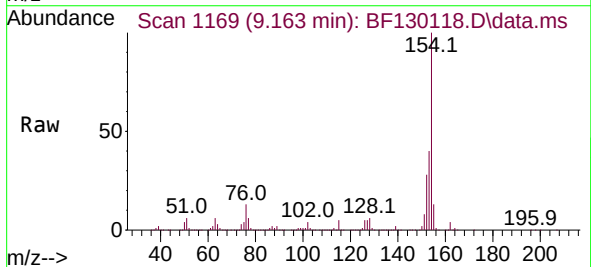
Manual Integrations
APPROVED

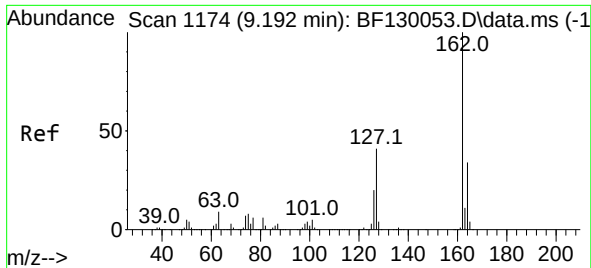
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#46
1,1'-Biphenyl
Concen: 45.402 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

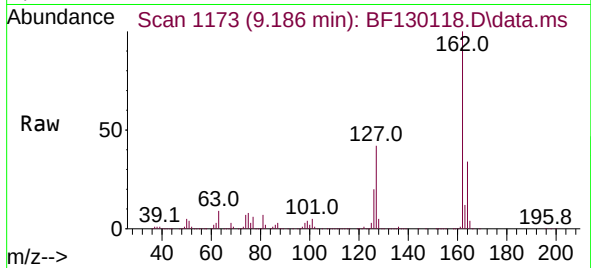
Tgt Ion:154 Resp: 1678365
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 13.4 0.0 32.1





#47
2-Chloronaphthalene
Concen: 44.367 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

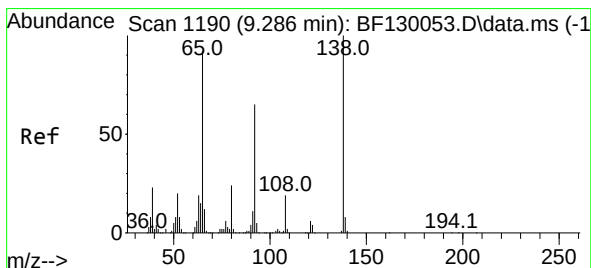
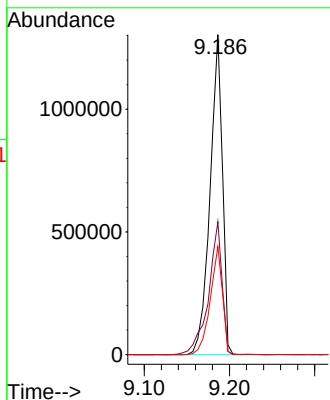
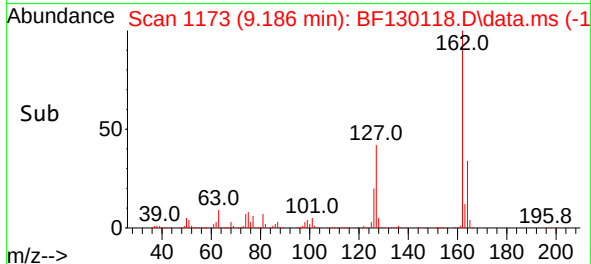
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion: 162 Resp: 1314148
Ion Ratio Lower Upper
162 100
127 41.5 33.1 49.7
164 33.8 26.7 40.1

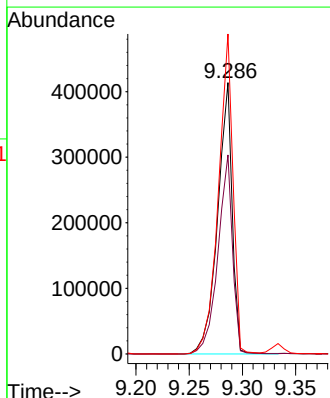
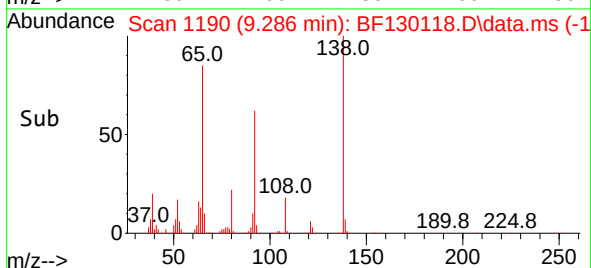
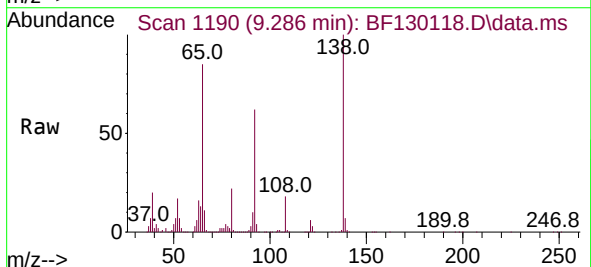
Manual Integrations
APPROVED

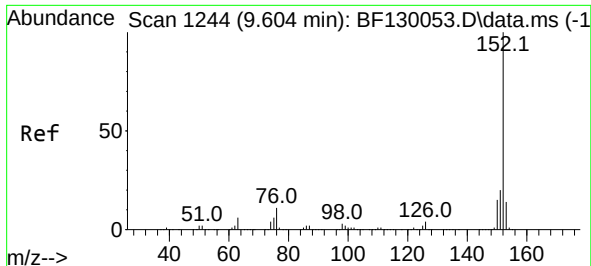
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#48
2-Nitroaniline
Concen: 54.208 ng
RT: 9.286 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

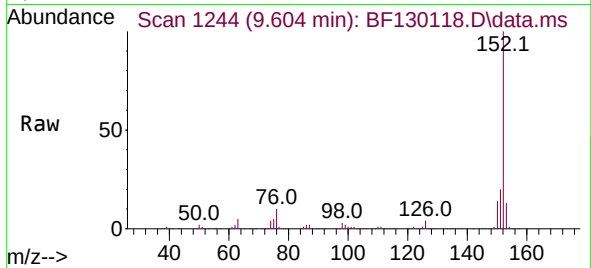
Tgt Ion: 65 Resp: 395667
Ion Ratio Lower Upper
65 100
92 73.4 55.0 82.4
138 118.0 81.3 121.9





#49
Acenaphthylene
Concen: 44.470 ng
RT: 9.604 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

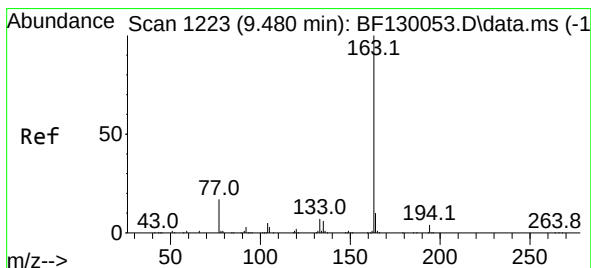
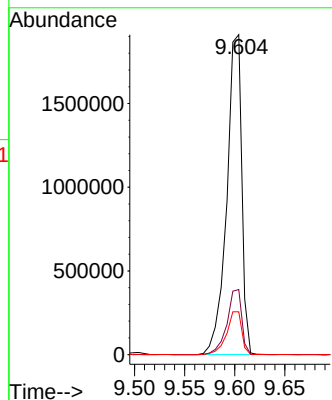
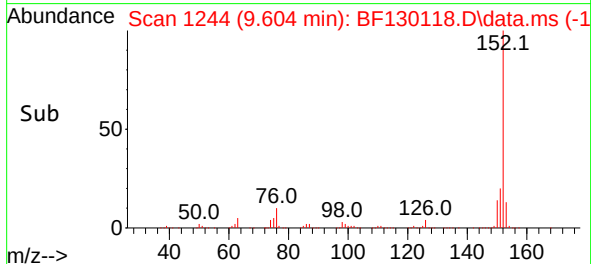
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion:152 Resp: 2000186
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.4 10.6 16.0

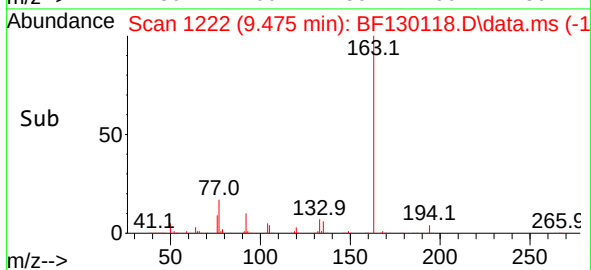
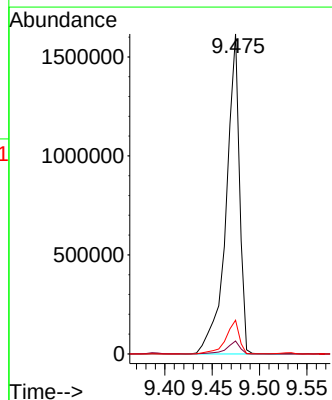
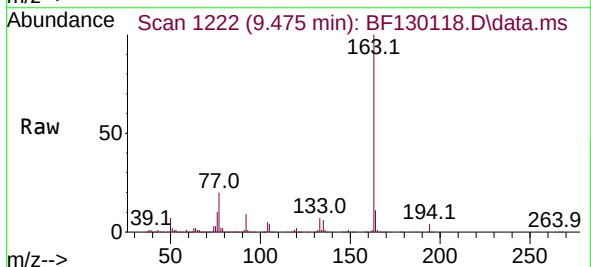
Manual Integrations
APPROVED

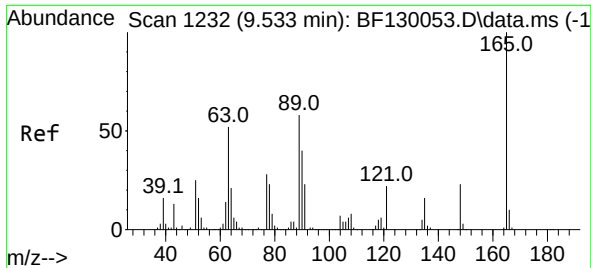
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#50
Dimethylphthalate
Concen: 45.597 ng
RT: 9.475 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

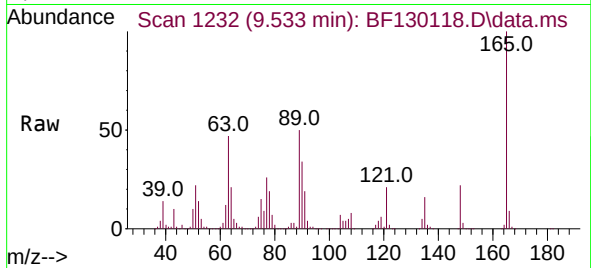
Tgt Ion:163 Resp: 1580304
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 54.073 ng
RT: 9.533 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

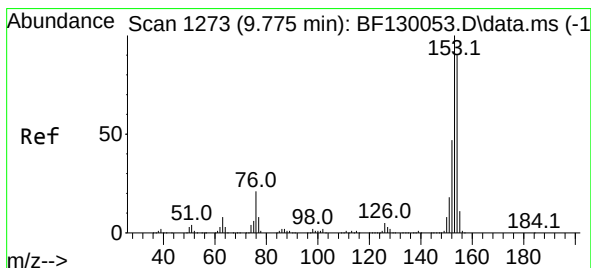
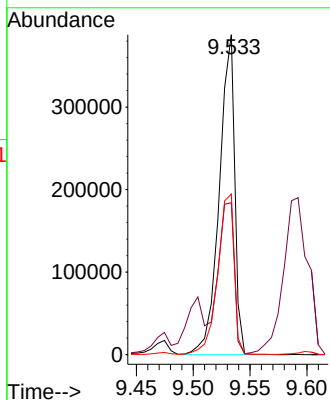
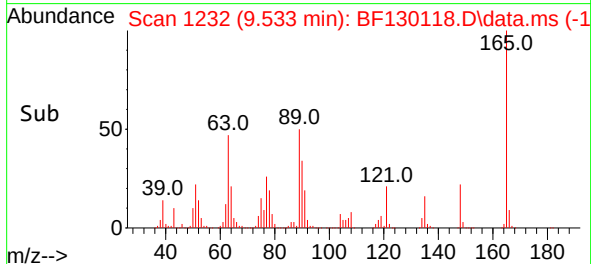
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion:165 Resp: 365382
Ion Ratio Lower Upper
165 100
63 47.5 47.8 71.8
89 50.2 47.2 70.8

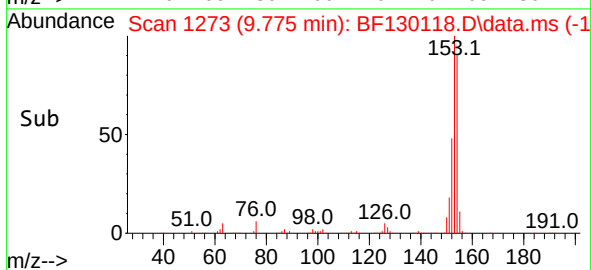
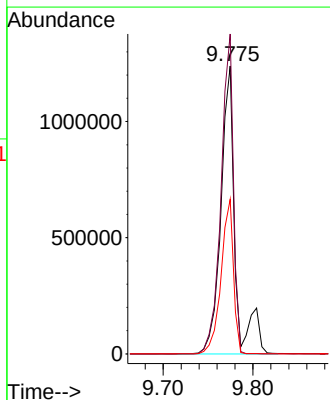
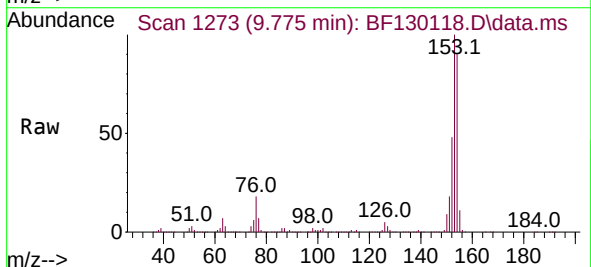
Manual Integrations
APPROVED

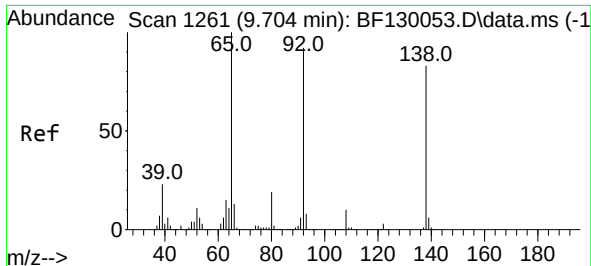
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#52
Acenaphthene
Concen: 48.371 ng m
RT: 9.775 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

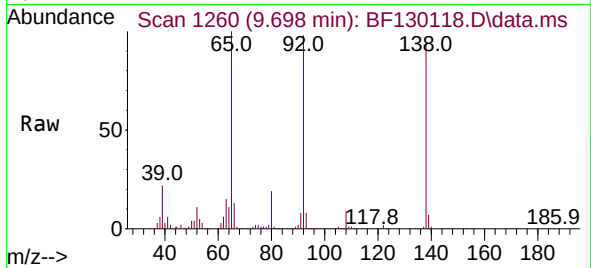
Tgt Ion:154 Resp: 1371135
Ion Ratio Lower Upper
154 100
153 111.2 89.8 134.6
152 53.7 42.1 63.1





#53
3-Nitroaniline
Concen: 27.686 ng
RT: 9.698 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

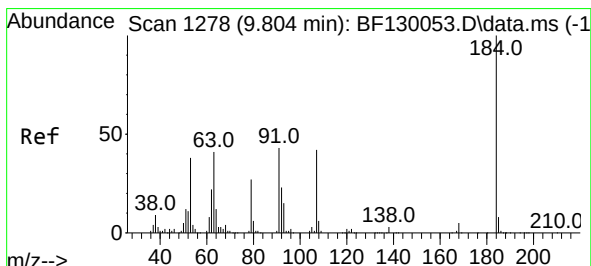
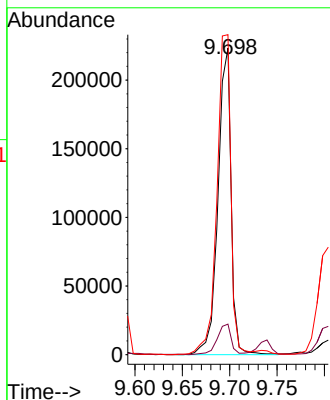
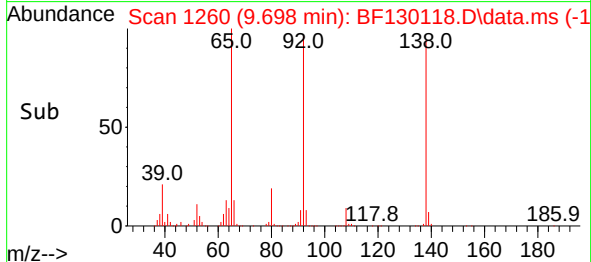
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion:138 Resp: 214733
Ion Ratio Lower Upper
138 100
108 10.0 8.4 12.6
92 104.4 89.8 134.8

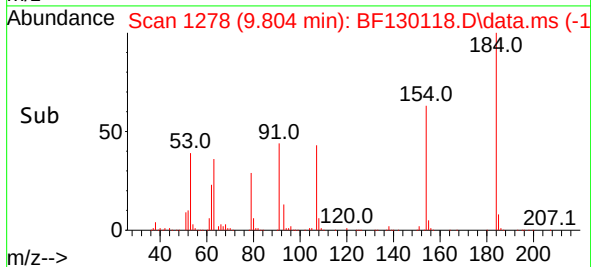
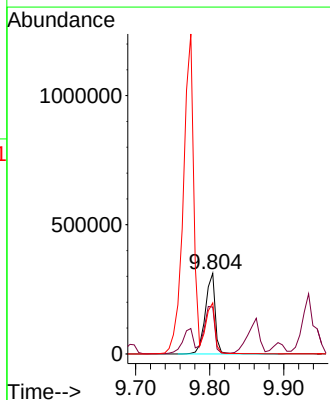
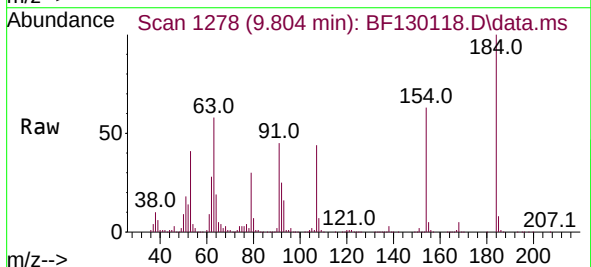
Manual Integrations
APPROVED

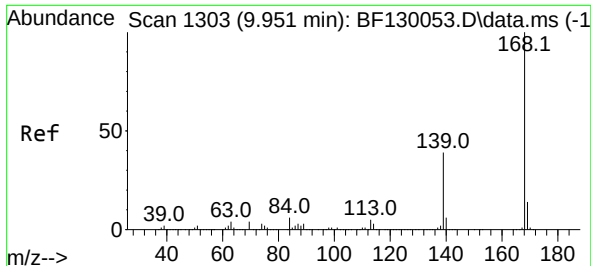
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#54
2,4-Dinitrophenol
Concen: 92.029 ng
RT: 9.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

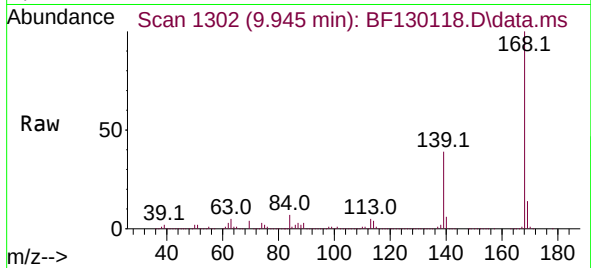
Tgt Ion:184 Resp: 286476
Ion Ratio Lower Upper
184 100
63 58.1 59.6 89.4#
154 63.3 55.3 82.9





#55
Dibenzenofuran
Concen: 44.673 ng
RT: 9.945 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

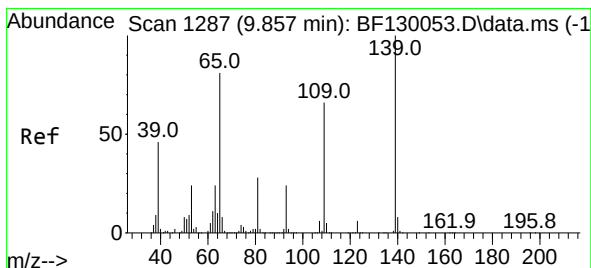
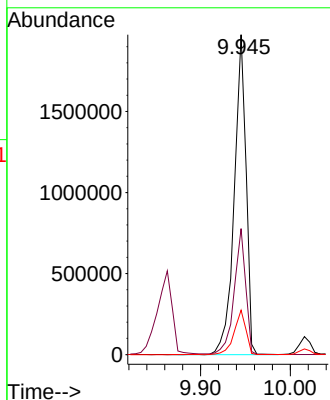
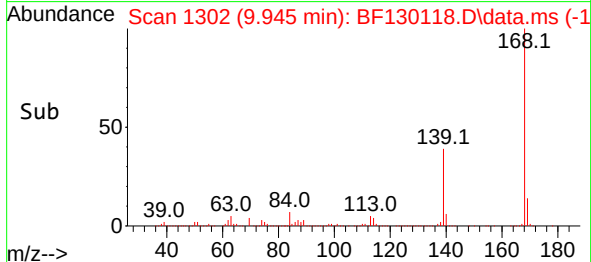
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion:168 Resp: 1813282
Ion Ratio Lower Upper
168 100
139 39.4 31.3 46.9
169 13.9 10.7 16.1

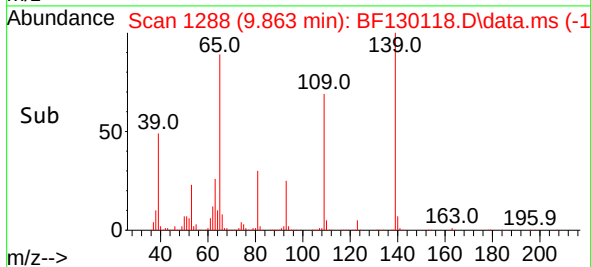
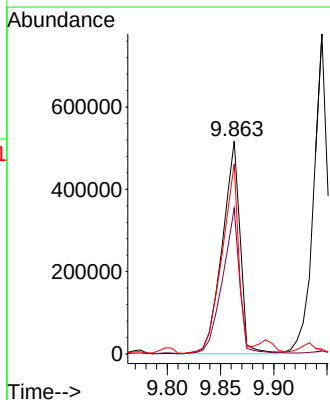
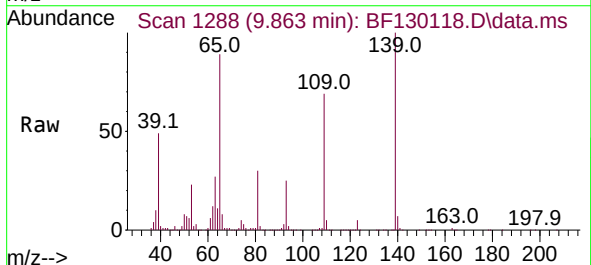
Manual Integrations
APPROVED

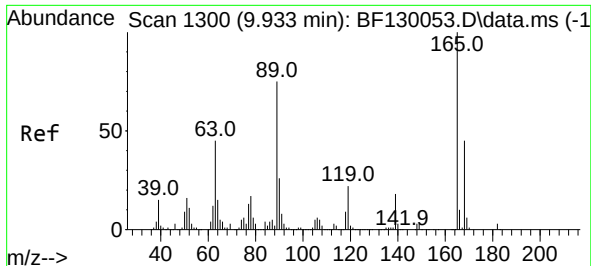
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#56
4-Nitrophenol
Concen: 100.667 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

Tgt Ion:139 Resp: 601940
Ion Ratio Lower Upper
139 100
109 68.5 52.9 92.9
65 89.5 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 58.073 ng

RT: 9.933 min Scan# 1300

Delta R.T. 0.000 min

Lab File: BF130118.D

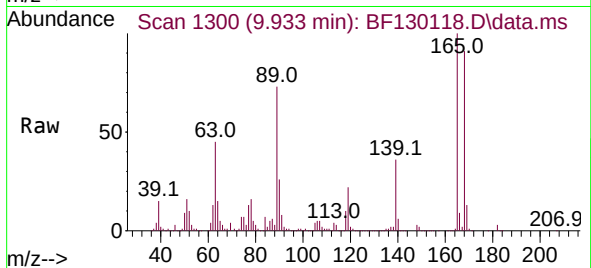
Acq: 02 Sep 2022 18:55

Instrument :

BNA_F

ClientSampleId :

SAP2-T-5-(15-35)MSD



Tgt Ion:165 Resp: 451792

Ion Ratio Lower Upper

165 100

63 45.2 48.4 72.6

89 73.5 62.3 93.5

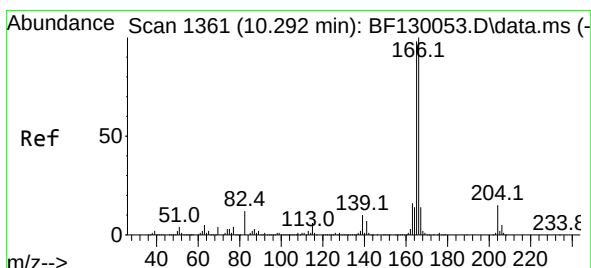
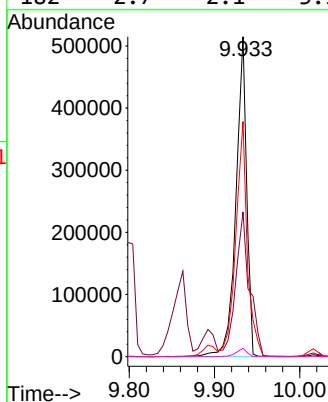
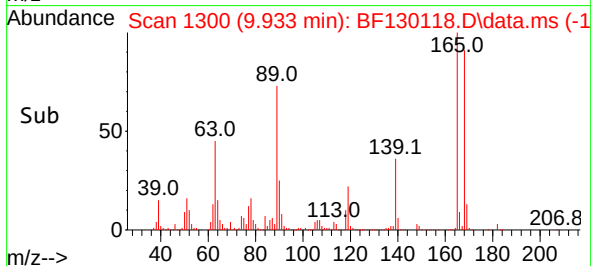
182 2.7 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#58

Fluorene

Concen: 43.122 ng

RT: 10.286 min Scan# 1360

Delta R.T. -0.006 min

Lab File: BF130118.D

Acq: 02 Sep 2022 18:55

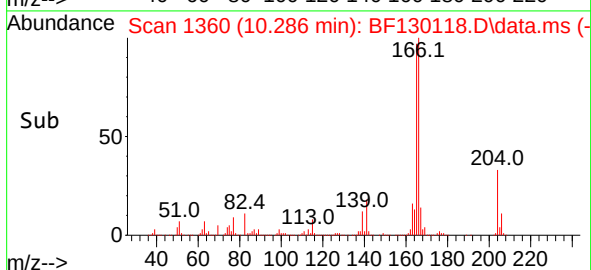
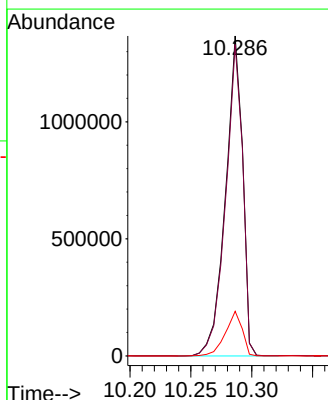
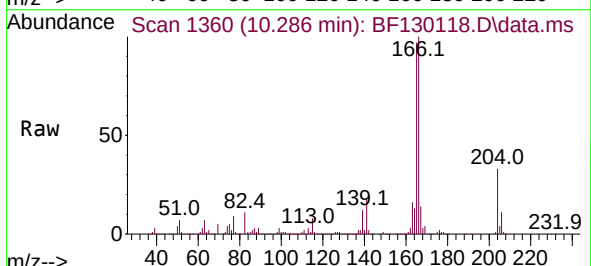
Tgt Ion:166 Resp: 1331790

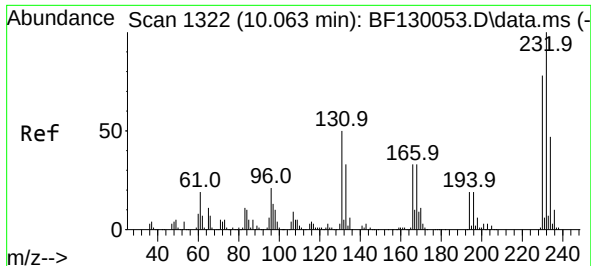
Ion Ratio Lower Upper

166 100

165 97.3 77.9 116.9

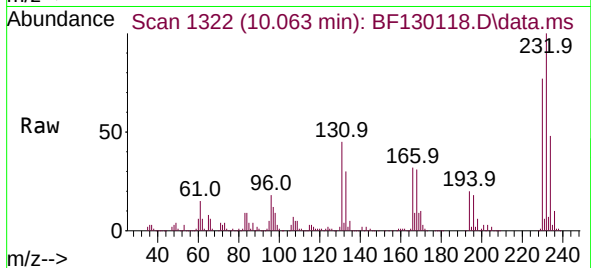
167 13.9 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.801 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

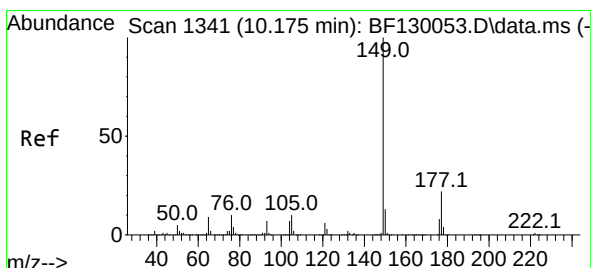
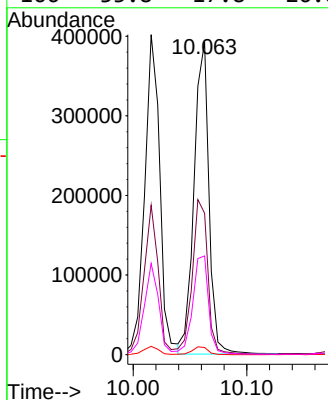
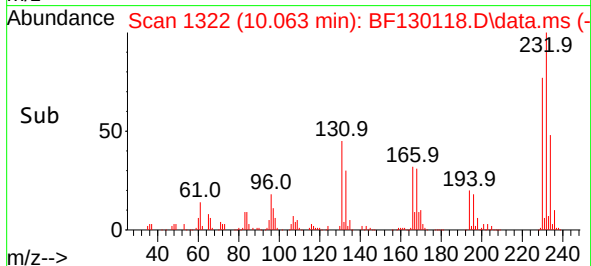
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion:232 Resp: 357202
Ion Ratio Lower Upper
232 100
131 51.7 29.9 44.9
130 2.6 1.5 2.3
166 33.8 17.8 26.8

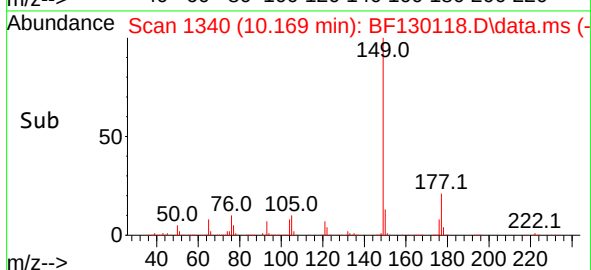
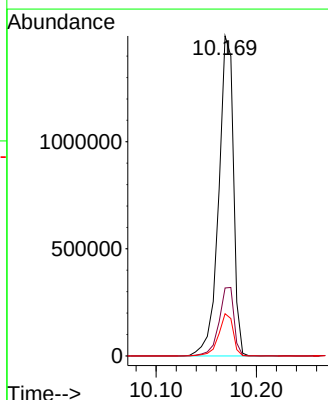
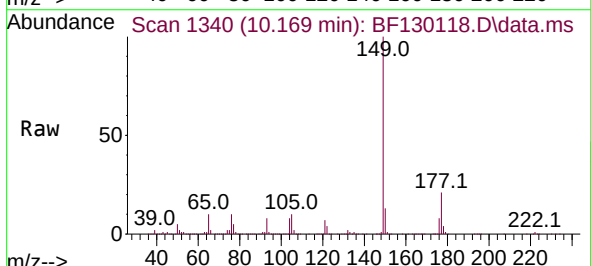
Manual Integrations
APPROVED

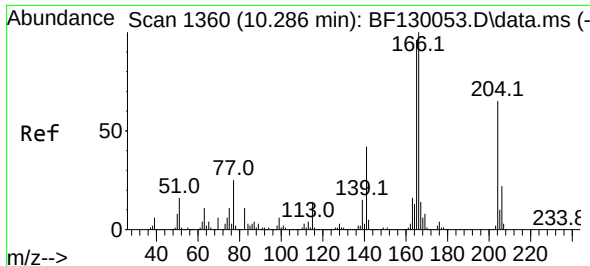
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#60
Diethylphthalate
Concen: 45.776 ng
RT: 10.169 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

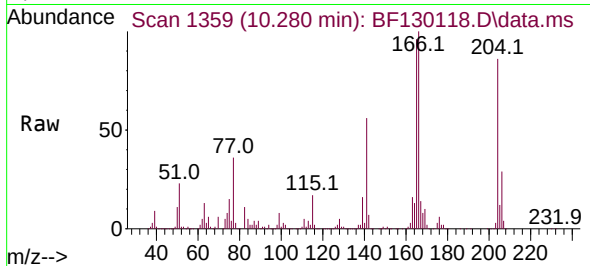
Tgt Ion:149 Resp: 1534832
Ion Ratio Lower Upper
149 100
177 21.2 17.7 26.5
150 13.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.914 ng
RT: 10.280 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

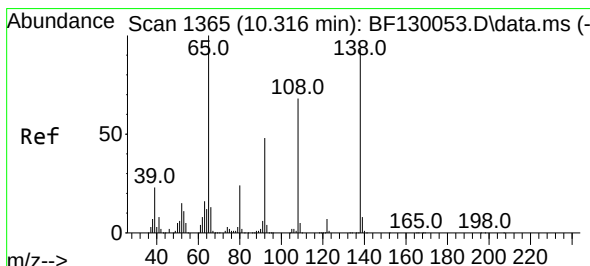
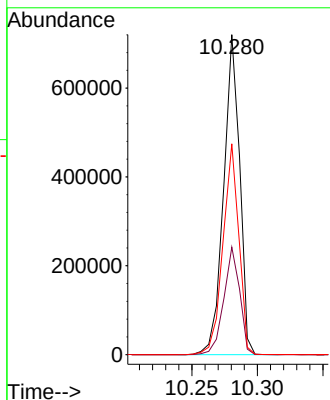
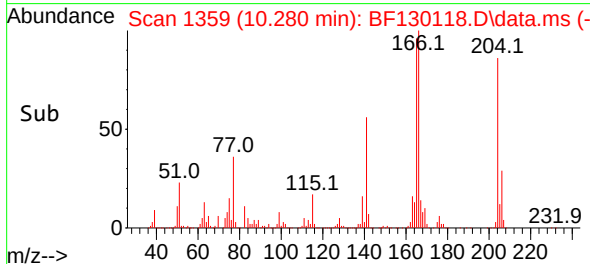
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



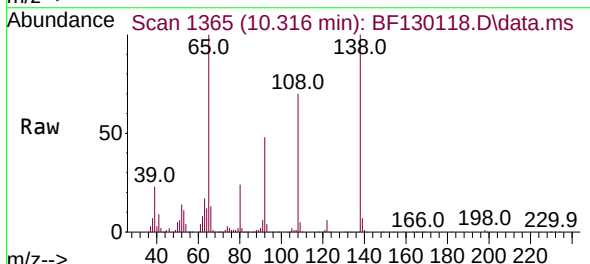
Tgt Ion:204 Resp: 613204
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 65.9 52.6 79.0

Manual Integrations
APPROVED

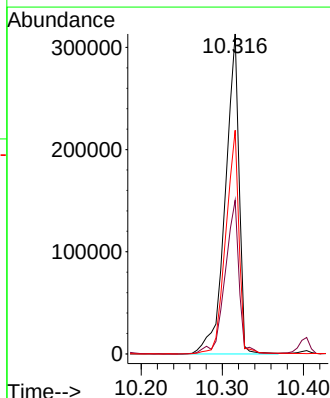
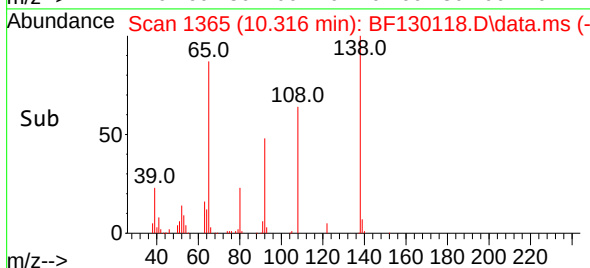
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

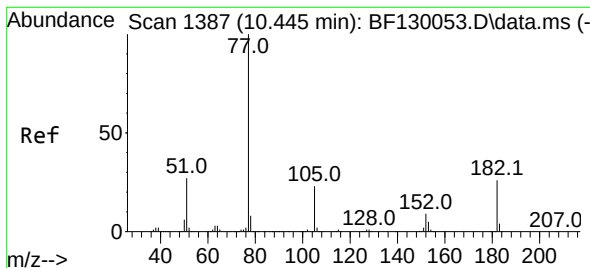


#62
4-Nitroaniline
Concen: 48.766 ng
RT: 10.316 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55



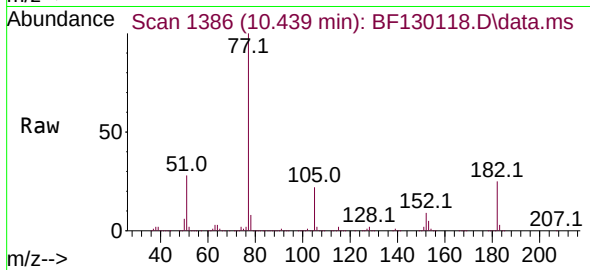
Tgt Ion:138 Resp: 367842
Ion Ratio Lower Upper
138 100
92 48.0 30.3 70.3
108 69.9 55.7 95.7





#63
Azobenzene
Concen: 44.078 ng
RT: 10.439 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

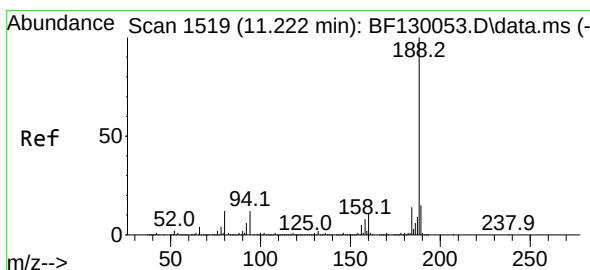
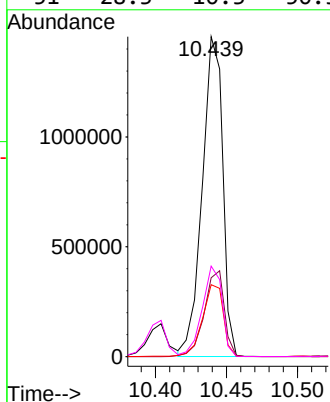
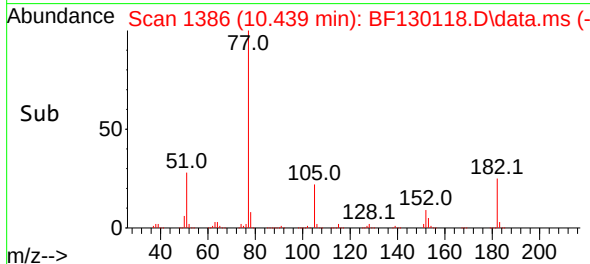
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion: 77 Resp: 145513
Ion Ratio Lower Upper
77 100
182 24.6 2.2 42.2
105 22.5 0.8 40.8
51 28.3 10.3 50.3

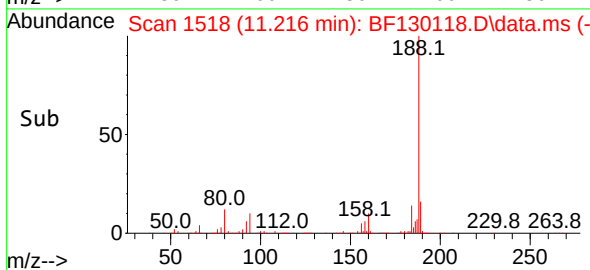
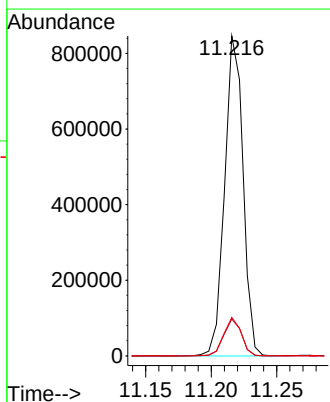
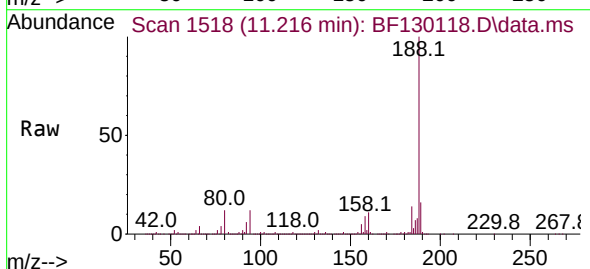
Manual Integrations
APPROVED

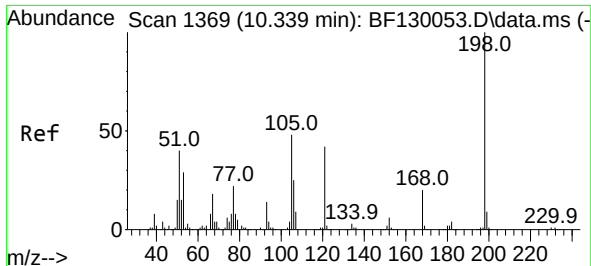
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

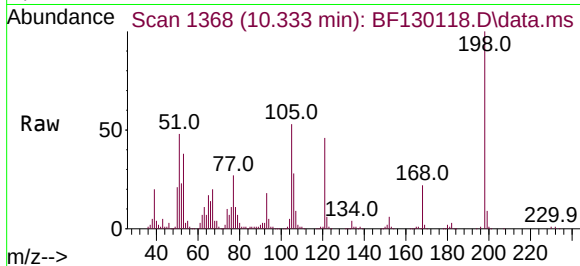
Tgt Ion:188 Resp: 824870
Ion Ratio Lower Upper
188 100
94 11.5 7.4 11.2#
80 12.0 7.9 11.9#





#65
4,6-Dinitro-2-methylphenol
Concen: 50.584 ng
RT: 10.333 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

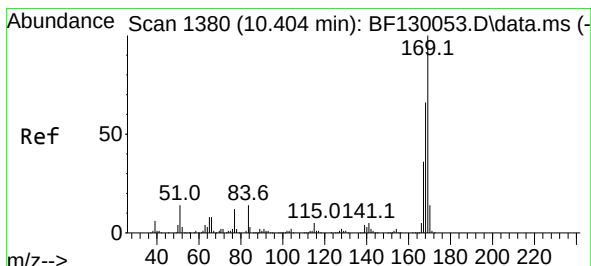
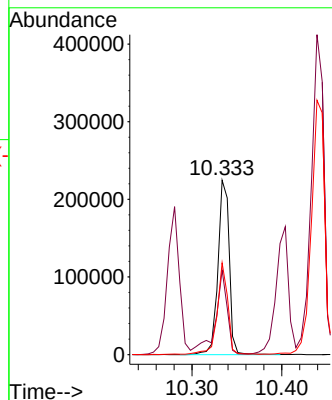
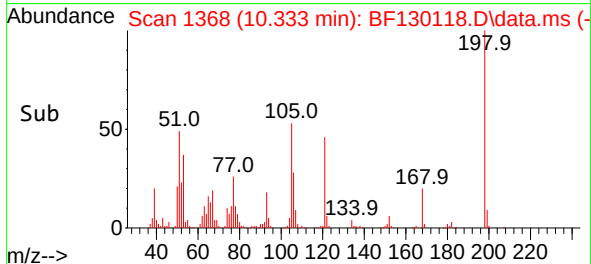
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion:198 Resp: 197892
Ion Ratio Lower Upper
198 100
51 48.5 29.4 69.4
105 52.7 29.2 69.2

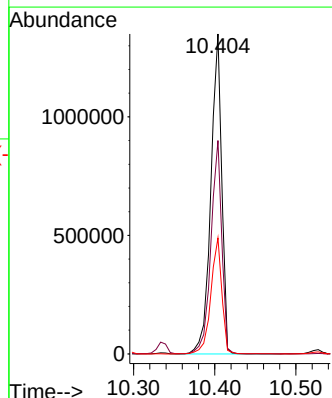
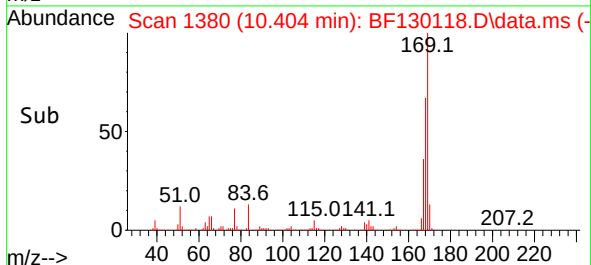
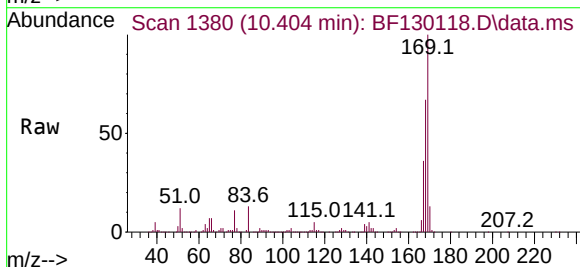
Manual Integrations
APPROVED

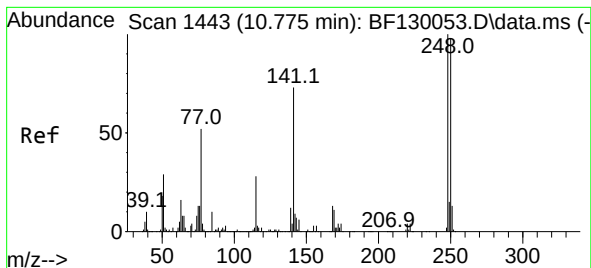
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#66
n-Nitrosodiphenylamine
Concen: 45.890 ng
RT: 10.404 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

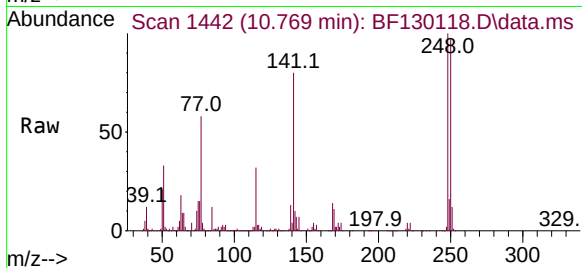
Tgt Ion:169 Resp: 1265411
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.2
167 36.2 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 47.340 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

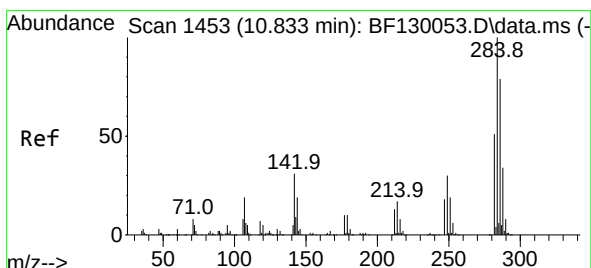
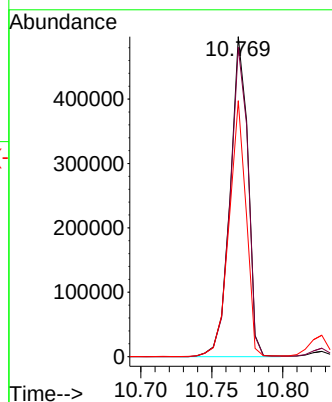
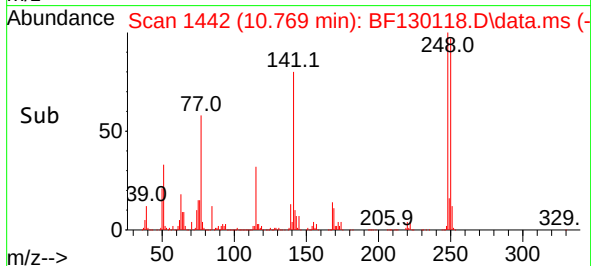
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion:248 Resp: 434344
Ion Ratio Lower Upper
248 100
250 96.6 77.8 116.6
141 80.0 66.2 99.2

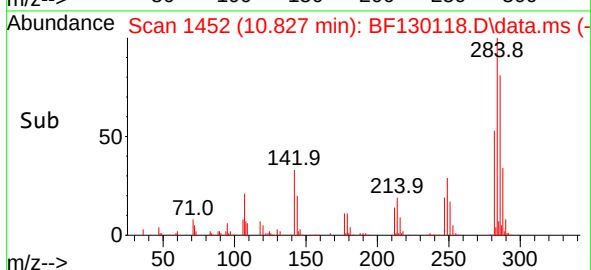
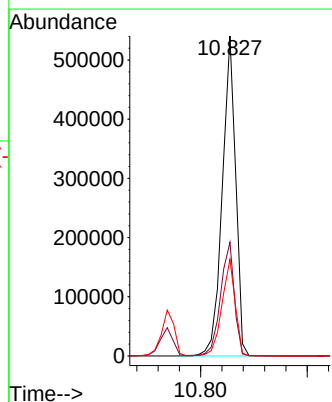
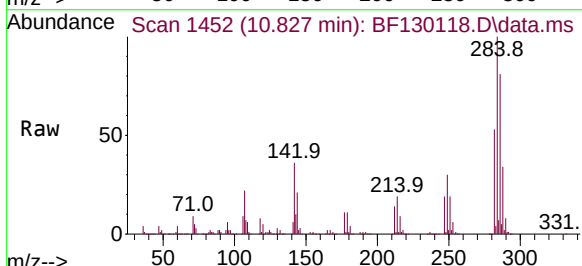
Manual Integrations
APPROVED

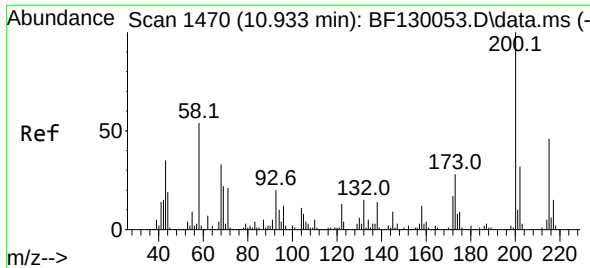
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#68
Hexachlorobenzene
Concen: 47.180 ng
RT: 10.827 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

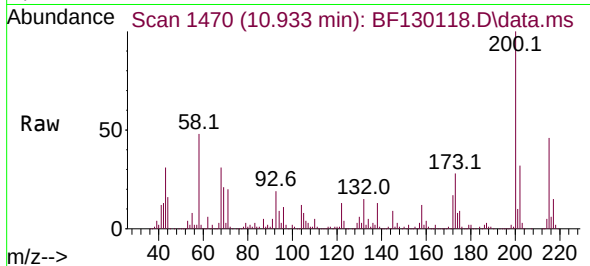
Tgt Ion:284 Resp: 471676
Ion Ratio Lower Upper
284 100
142 35.5 31.4 47.0
249 30.2 25.7 38.5





#69
Atrazine
Concen: 52.314 ng
RT: 10.933 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

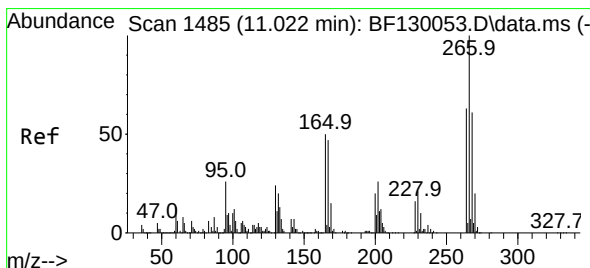
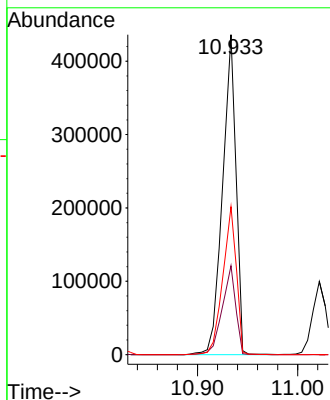
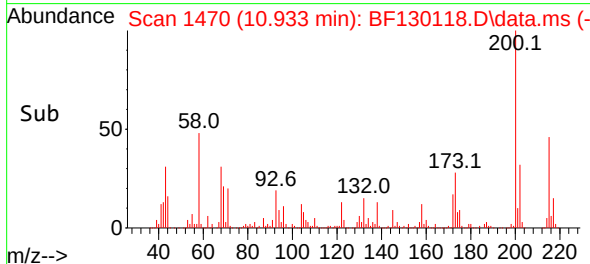
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



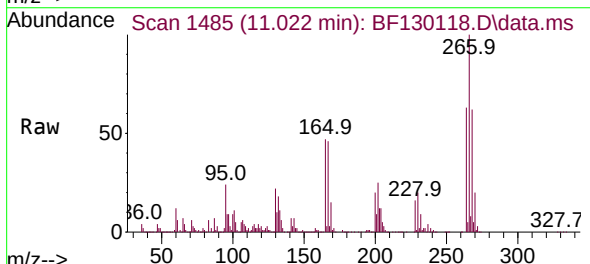
Tgt Ion:200 Resp: 408101
Ion Ratio Lower Upper
200 100
173 27.8 6.4 46.4
215 46.2 27.1 67.1

Manual Integrations
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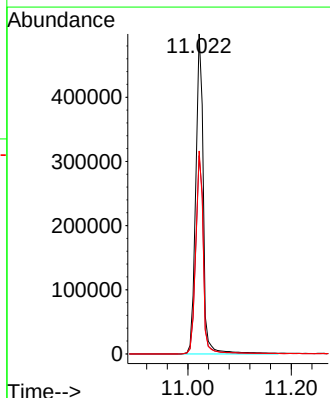
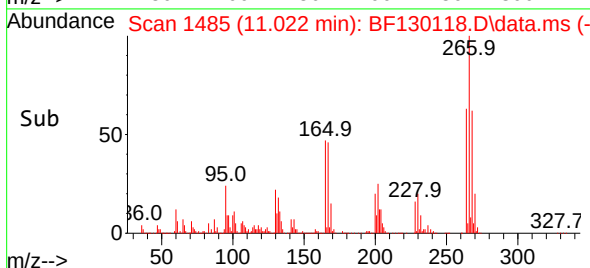
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

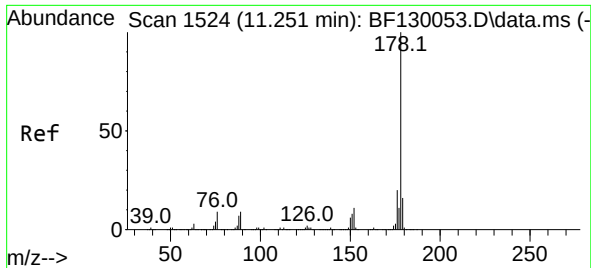


#70
Pentachlorophenol
Concen: 90.099 ng
RT: 11.022 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55



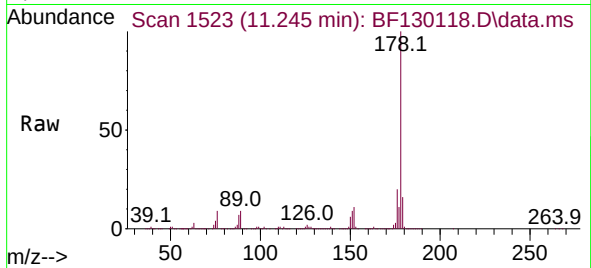
Tgt Ion:266 Resp: 503692
Ion Ratio Lower Upper
266 100
268 62.0 49.0 73.4
264 63.4 47.9 71.9





#71
Phenanthrene
Concen: 43.474 ng
RT: 11.245 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

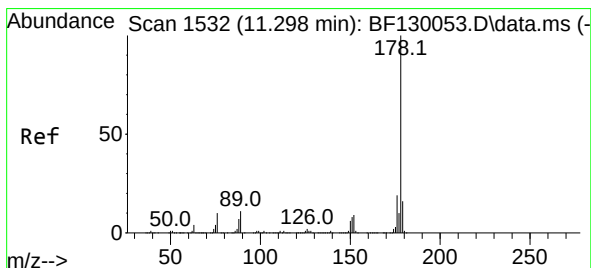
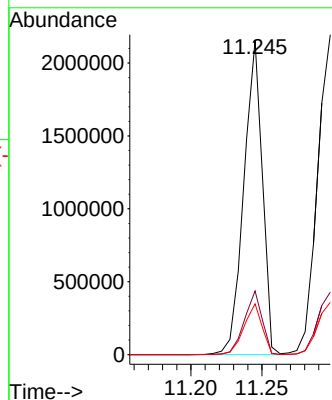
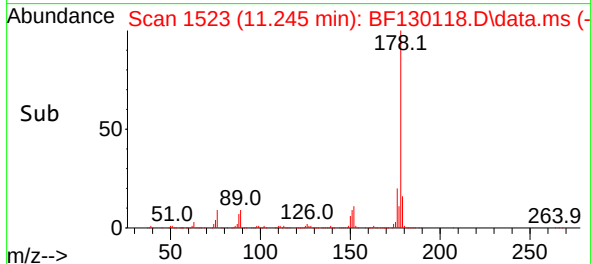
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



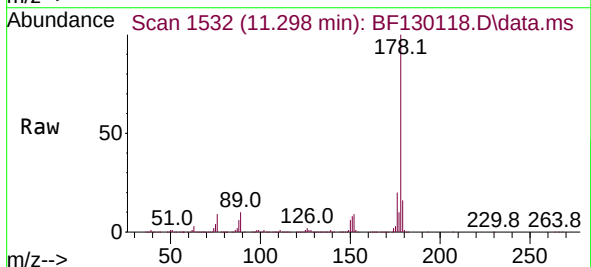
Tgt Ion:178 Resp: 1944747
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 16.2 12.5 18.7

Manual Integrations
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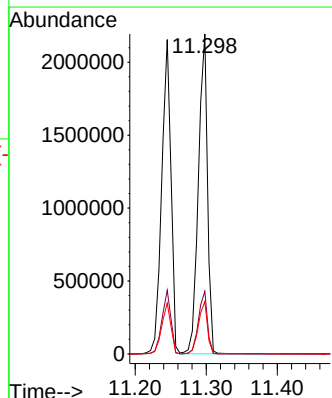
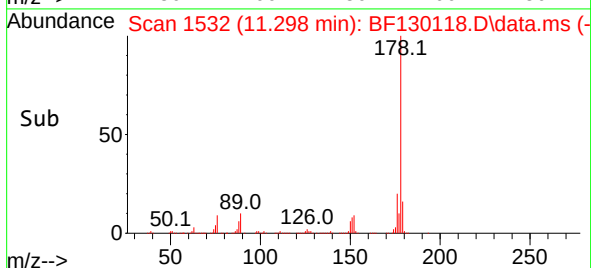
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

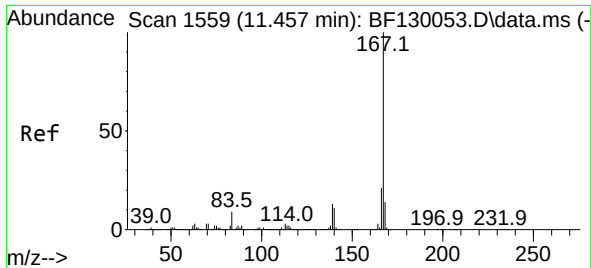


#72
Anthracene
Concen: 44.498 ng
RT: 11.298 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55



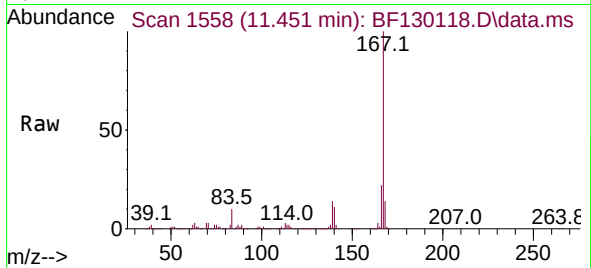
Tgt Ion:178 Resp: 1956824
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 16.3 12.6 18.8





#73
 Carbazole
 Concen: 44.650 ng
 RT: 11.451 min Scan# 1558
 Delta R.T. -0.006 min
 Lab File: BF130118.D
 Acq: 02 Sep 2022 18:55

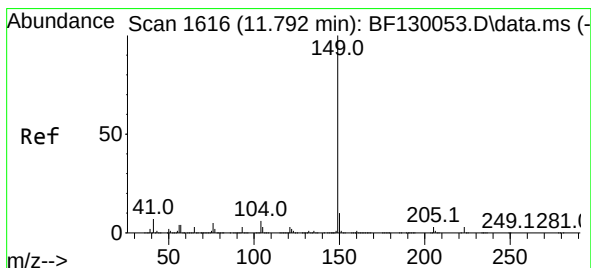
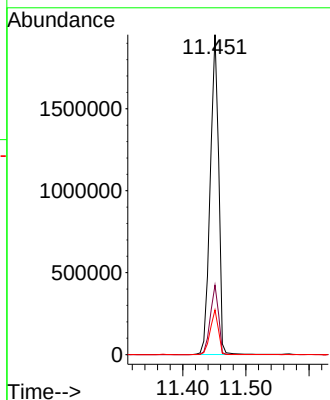
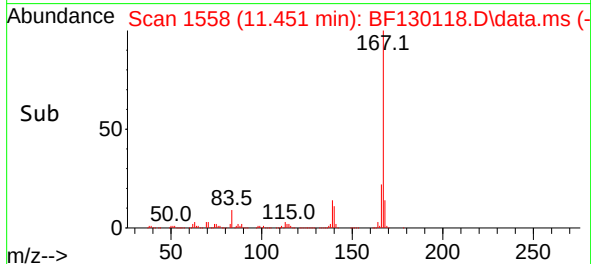
Instrument :
 BNA_F
 ClientSampleId :
 SAP2-T-5-(15-35)MSD



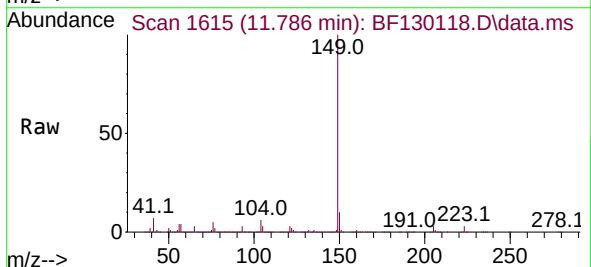
Tgt Ion:167 Resp: 1810642
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 14.0 11.0 16.6

Manual Integrations
 APPROVED

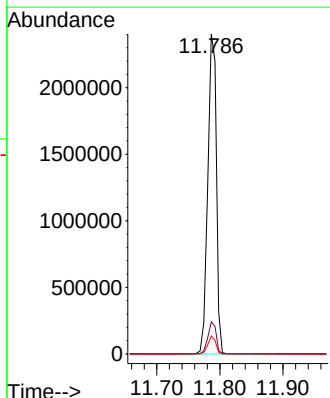
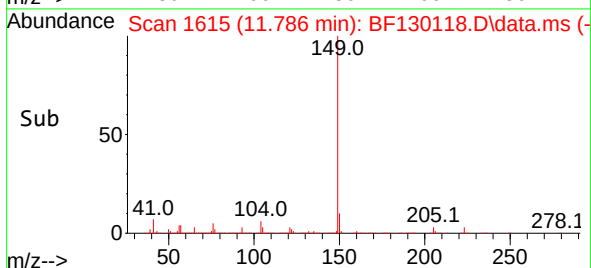
Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022

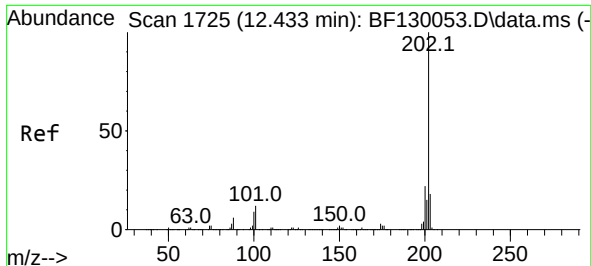


#74
 Di-n-butylphthalate
 Concen: 46.202 ng
 RT: 11.786 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF130118.D
 Acq: 02 Sep 2022 18:55



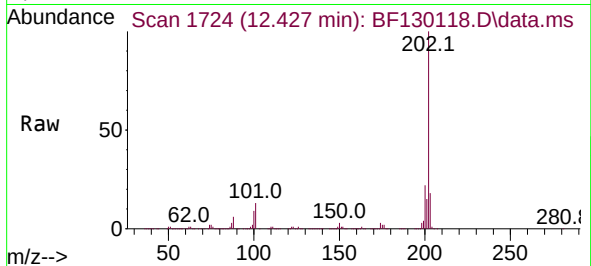
Tgt Ion:149 Resp: 2259241
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.6
 104 5.6 4.2 6.4





#75
Fluoranthene
Concen: 42.453 ng
RT: 12.427 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

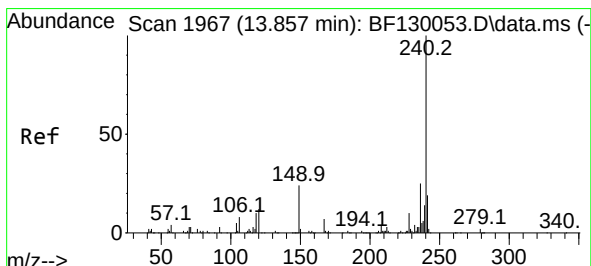
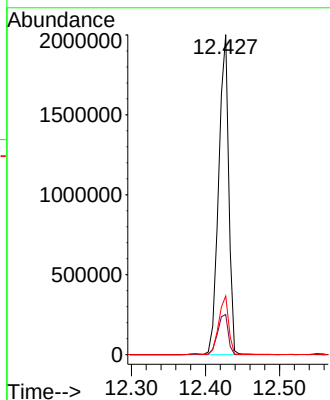
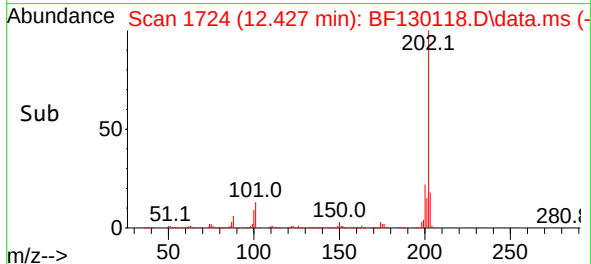
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



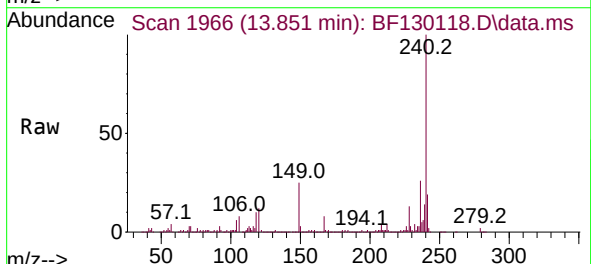
Tgt Ion:202 Resp: 1883210
Ion Ratio Lower Upper
202 100
101 12.5 0.0 30.7
203 18.3 0.0 37.5

Manual Integrations
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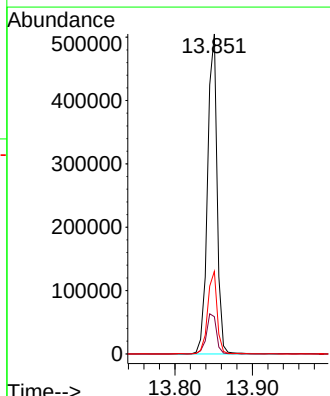
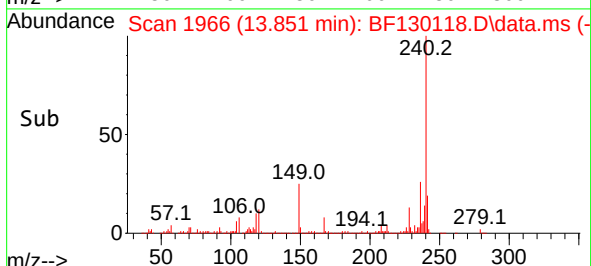
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

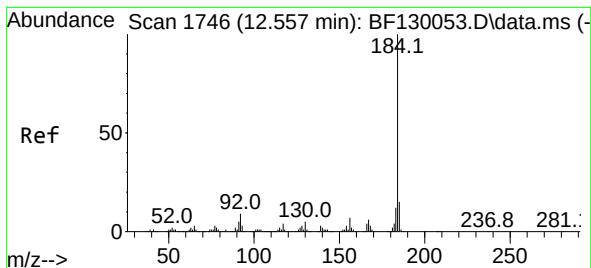


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55



Tgt Ion:240 Resp: 431190
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 25.8 20.7 31.1





#77

Benzidine

Concen: 67.185 ng

RT: 12.551 min Scan# 1745

Delta R.T. -0.006 min

Lab File: BF130118.D

Acq: 02 Sep 2022 18:55

Instrument :

BNA_F

ClientSampleId :

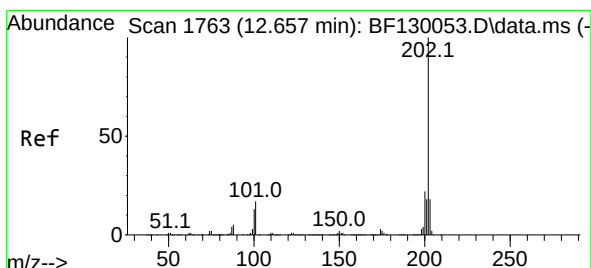
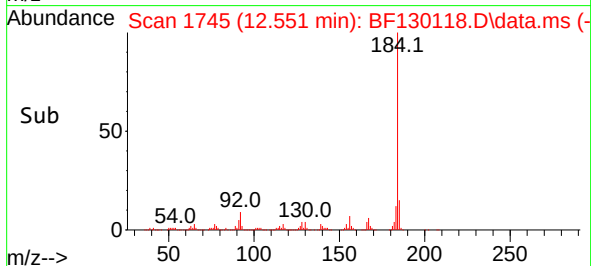
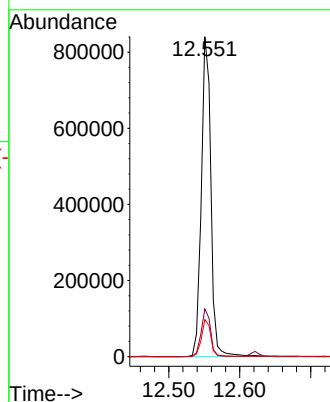
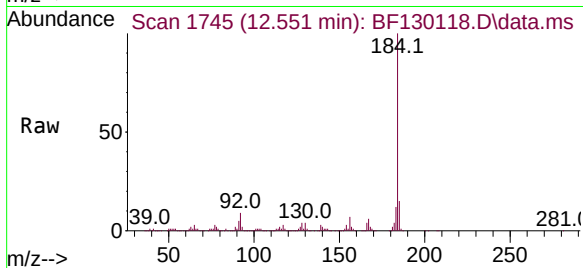
SAP2-T-5-(15-35)MSD

Tgt Ion:184	Resp: 78214
Ion Ratio	Lower Upper
184	100
185	14.9 11.4 17.2
183	11.6 9.4 14.2

Manual Integrations

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Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#78

Pyrene

Concen: 47.931 ng

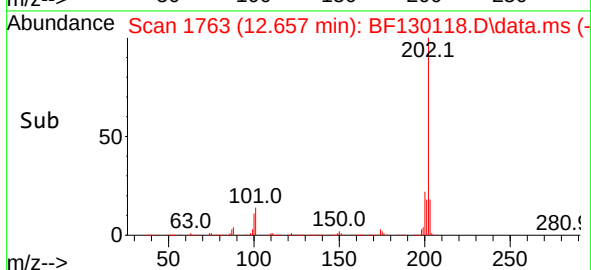
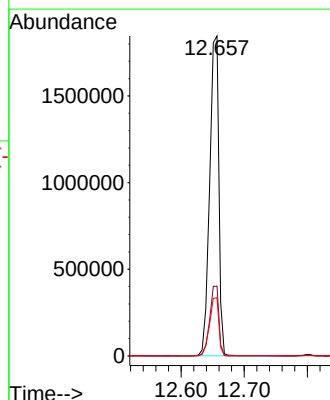
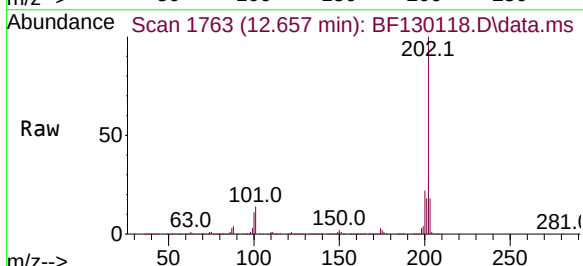
RT: 12.657 min Scan# 1763

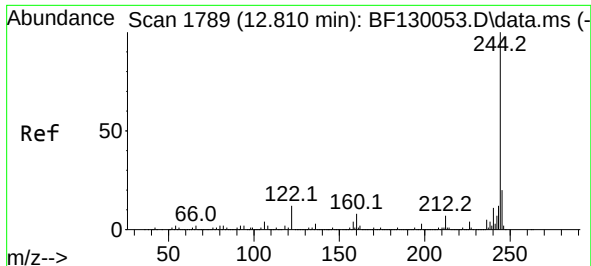
Delta R.T. 0.000 min

Lab File: BF130118.D

Acq: 02 Sep 2022 18:55

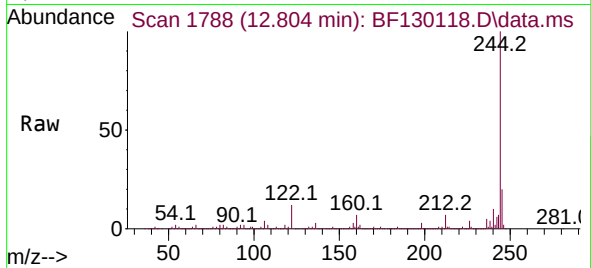
Tgt Ion:202	Resp: 1853756
Ion Ratio	Lower Upper
202	100
200	21.8 17.0 25.6
203	18.2 14.1 21.1





#79
Terphenyl-d14
Concen: 79.348 ng
RT: 12.804 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

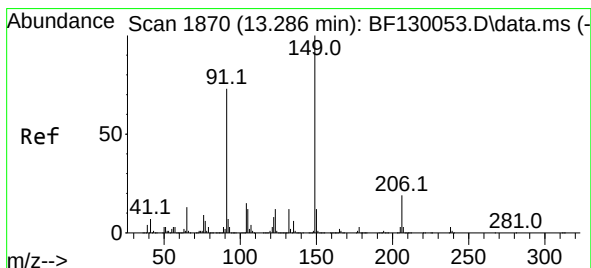
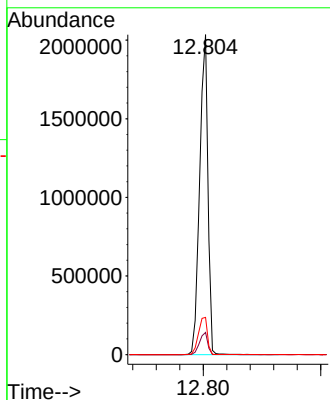
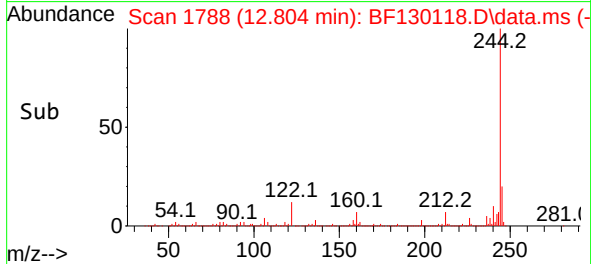
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



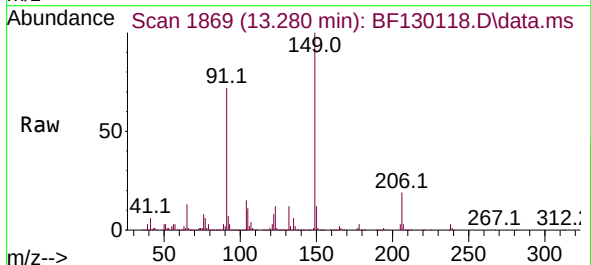
Tgt Ion:244 Resp: 1972998
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.6 9.9 14.9

Manual Integrations
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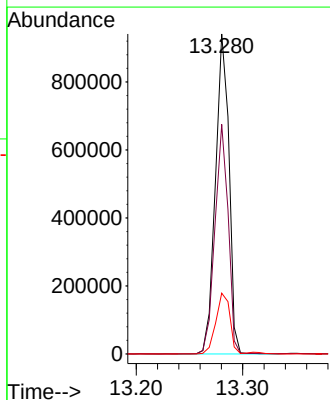
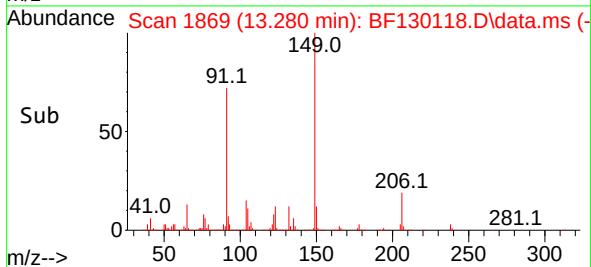
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

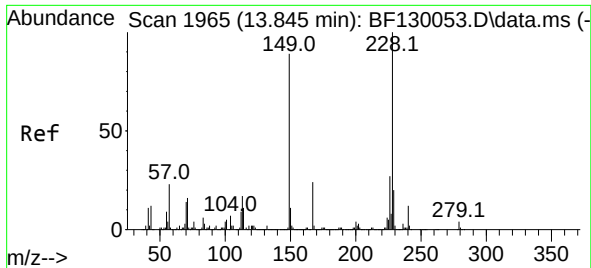


#80
Butylbenzylphthalate
Concen: 54.285 ng
RT: 13.280 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55



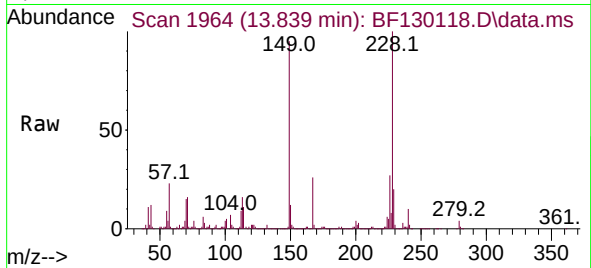
Tgt Ion:149 Resp: 835075
Ion Ratio Lower Upper
149 100
91 71.7 55.4 83.0
206 19.0 15.8 23.6





#81
Benzo(a)anthracene
Concen: 44.475 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

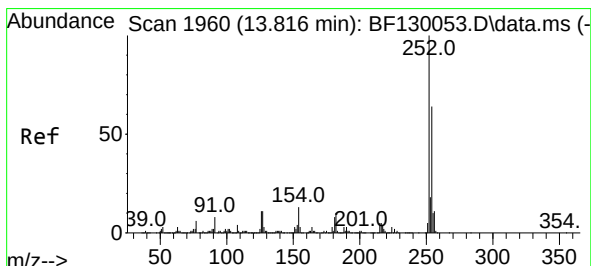
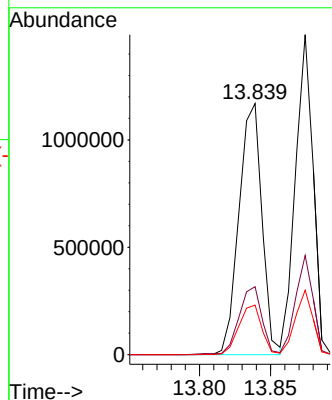
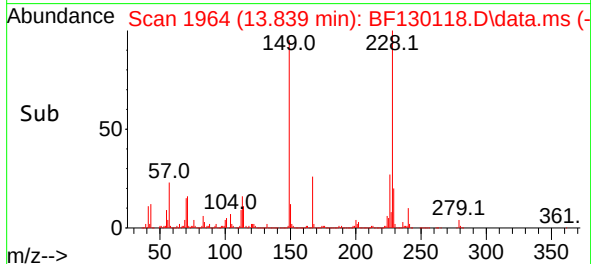
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion:228 Resp: 1314238
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.7 16.1 24.1

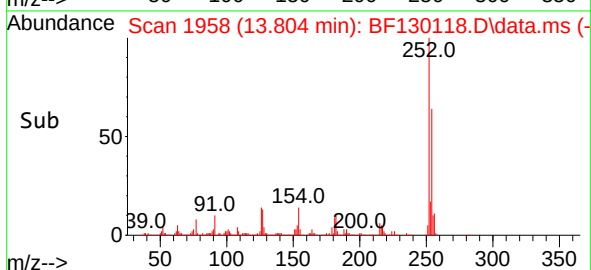
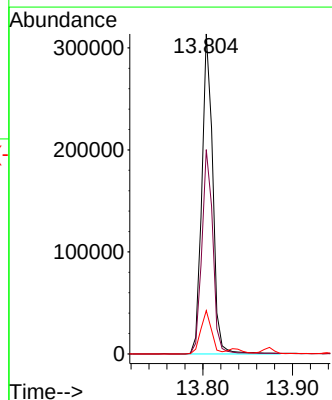
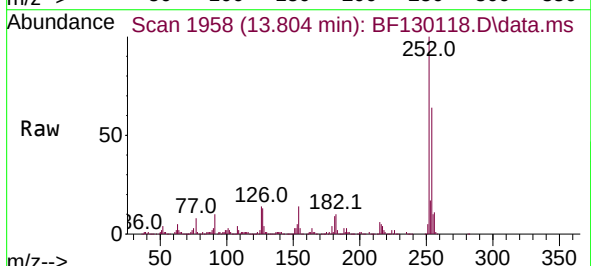
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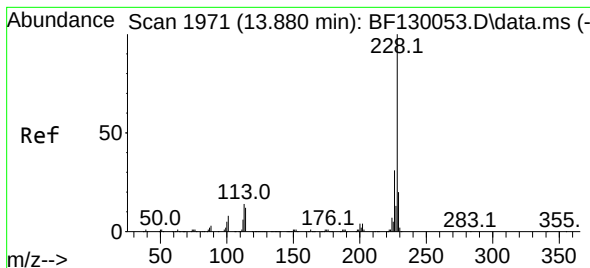
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#82
3,3'-Dichlorobenzidine
Concen: 28.709 ng
RT: 13.804 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

Tgt Ion:252 Resp: 264551
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.2
126 13.5 10.2 15.4





#83

Chrysene

Concen: 44.808 ng

RT: 13.874 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BF130118.D

Acq: 02 Sep 2022 18:55

Instrument :

BNA_F

ClientSampleId :

SAP2-T-5-(15-35)MSD

Tgt Ion:228 Resp: 130542

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

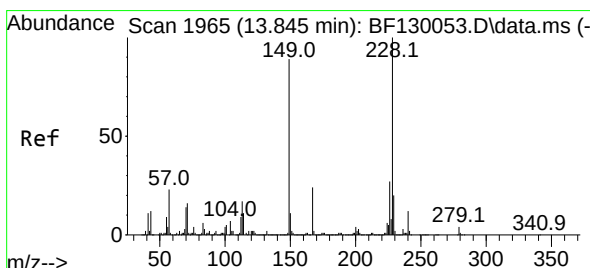
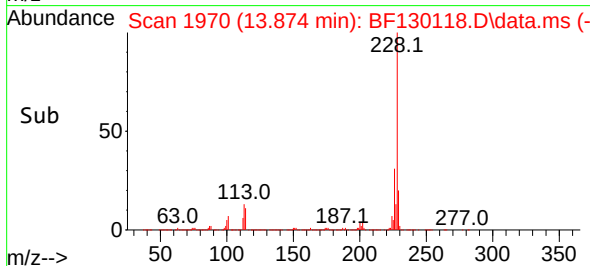
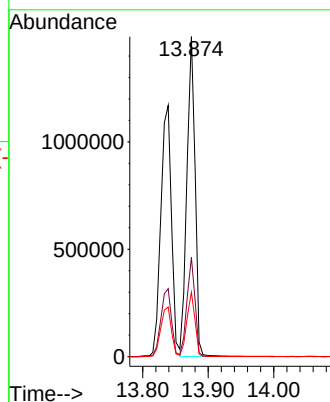
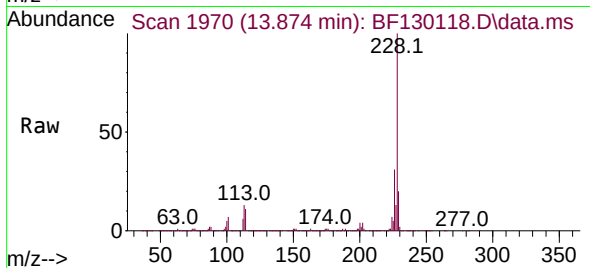
229 20.1 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.303 ng

RT: 13.839 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BF130118.D

Acq: 02 Sep 2022 18:55

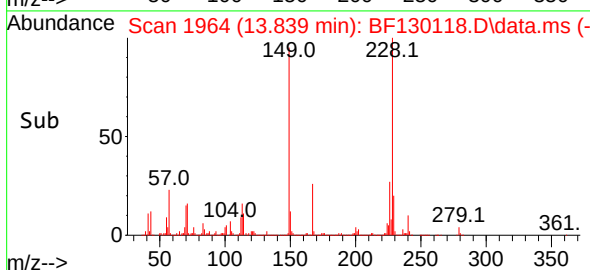
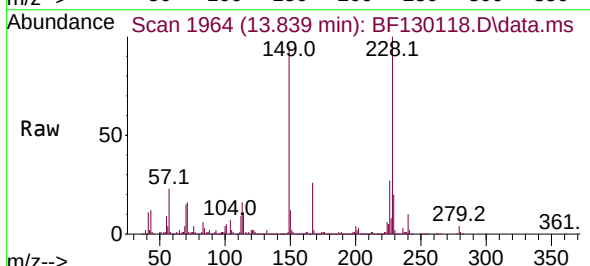
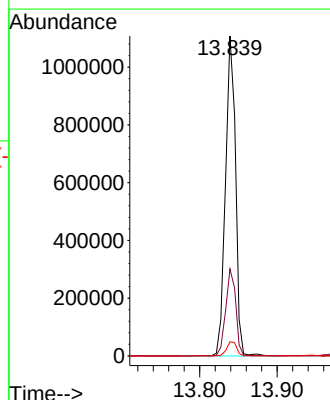
Tgt Ion:149 Resp: 1000108

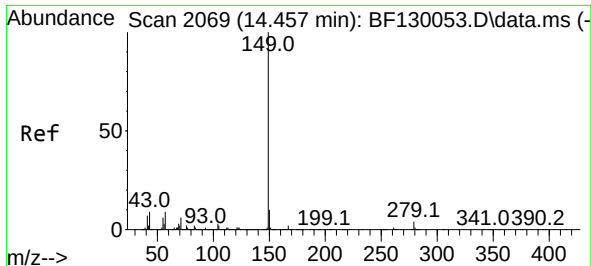
Ion Ratio Lower Upper

149 100

167 27.2 22.0 33.0

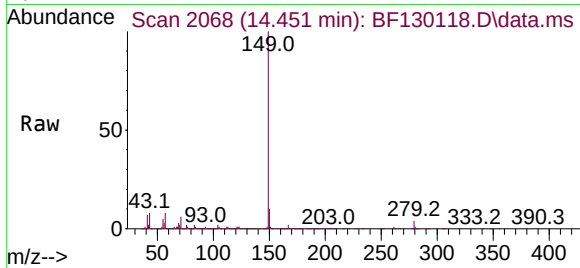
279 4.4 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 55.233 ng
RT: 14.451 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

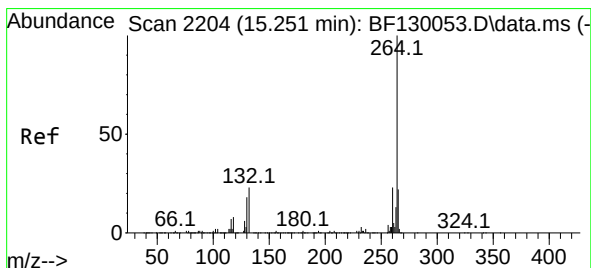
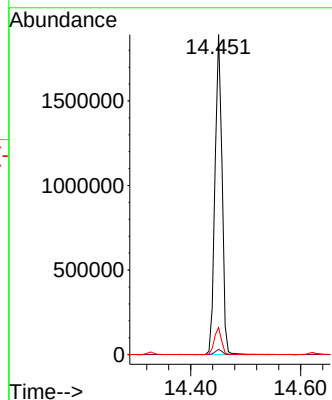
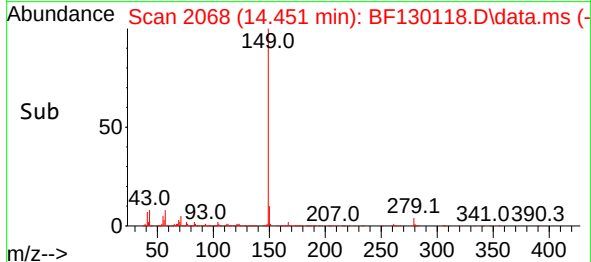
Instrument :
BNA_F
Client Sample Id :
SAP2-T-5-(15-35)MSD



Tgt Ion:149 Resp: 1668292
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.7 7.8 11.6

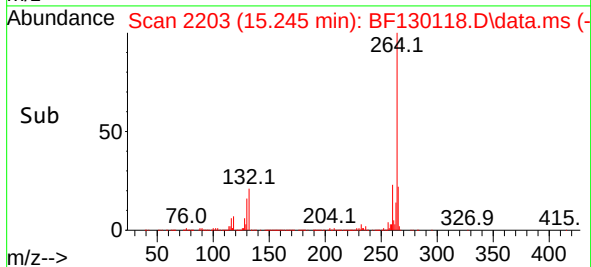
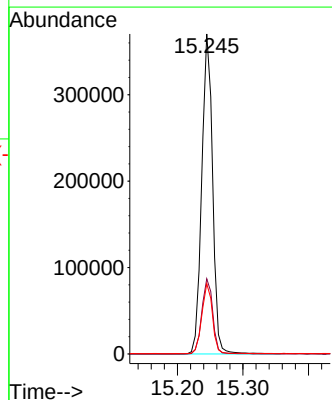
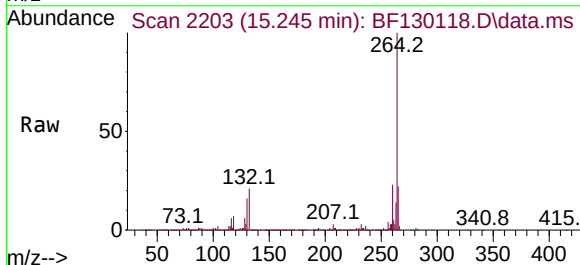
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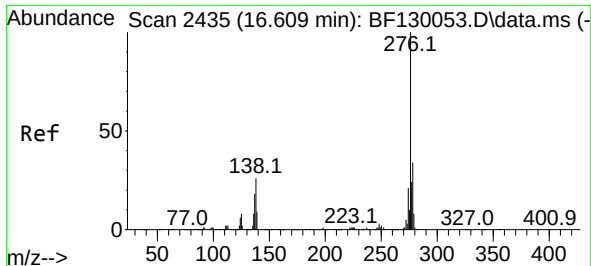
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.245 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

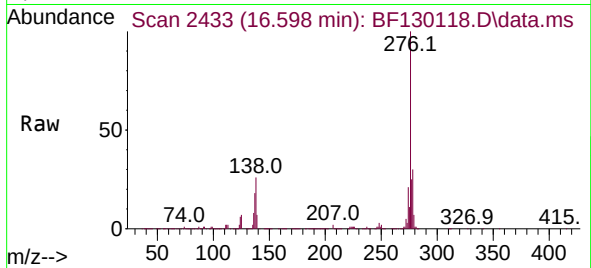
Tgt Ion:264 Resp: 422294
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.9 16.7 25.1





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.707 ng
RT: 16.598 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

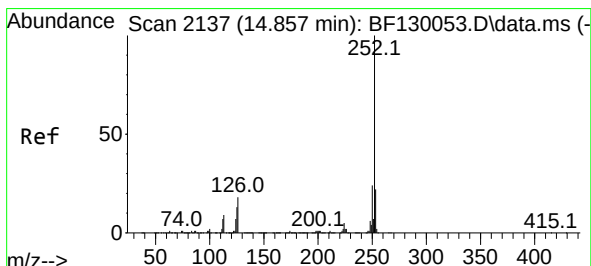
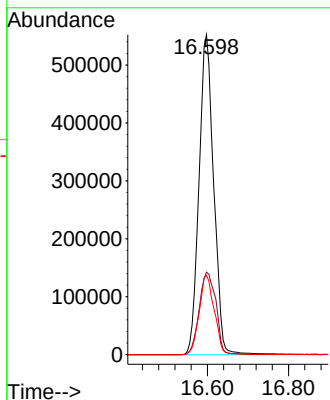
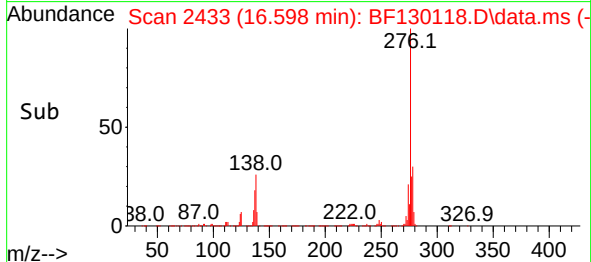
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion:276 Resp: 1384672
Ion Ratio Lower Upper
276 100
138 29.3 19.8 29.8
277 25.5 20.4 30.6

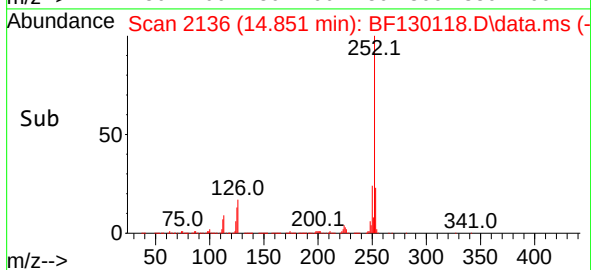
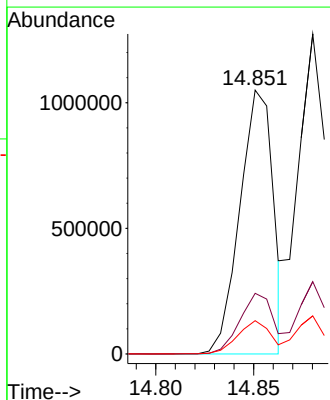
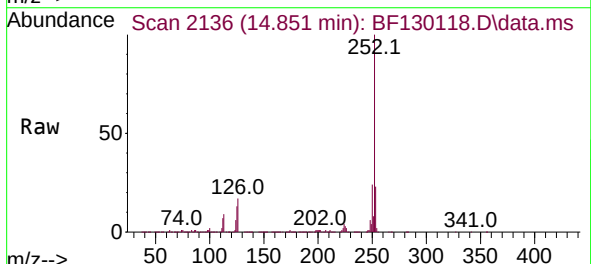
Manual Integrations
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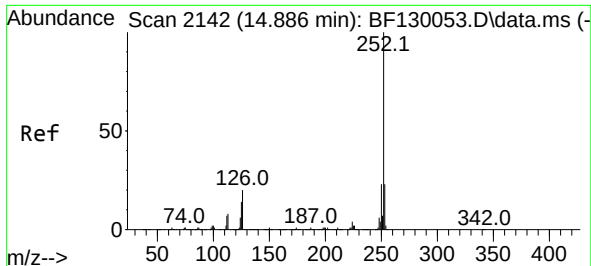
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#88
Benzo(b)fluoranthene
Concen: 44.382 ng m
RT: 14.851 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

Tgt Ion:252 Resp: 1249851
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 12.6 8.3 12.5#





#89

Benzo(k)fluoranthene

Concen: 46.129 ng

RT: 14.880 min Scan# 2142

Delta R.T. -0.006 min

Lab File: BF130118.D

Acq: 02 Sep 2022 18:55

Instrument :

BNA_F

ClientSampleId :

SAP2-T-5-(15-35)MSD

Tgt Ion:252 Resp: 1256374

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

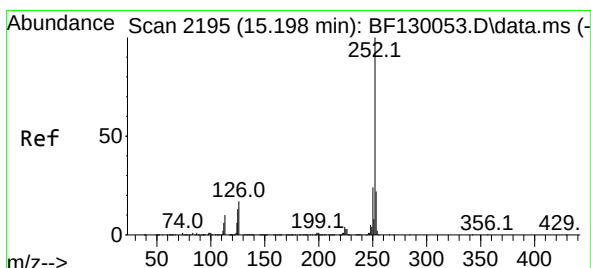
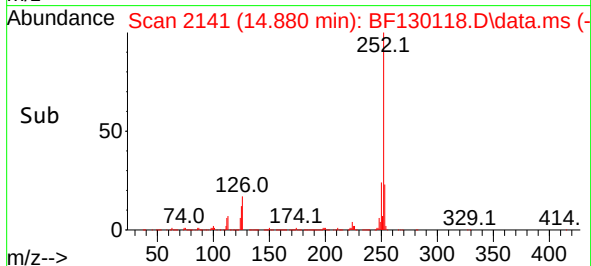
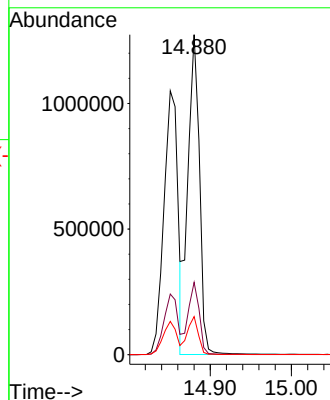
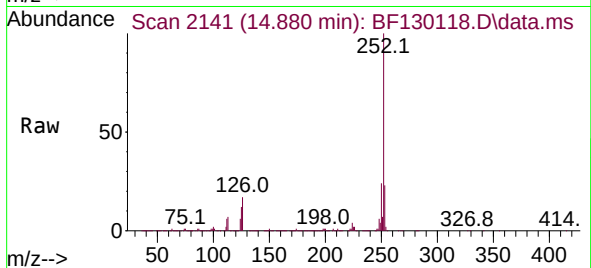
125 11.9 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/06/2022

Supervised By :Jagrut Upadhyay 09/06/2022



#90

Benzo(a)pyrene

Concen: 50.101 ng

RT: 15.192 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF130118.D

Acq: 02 Sep 2022 18:55

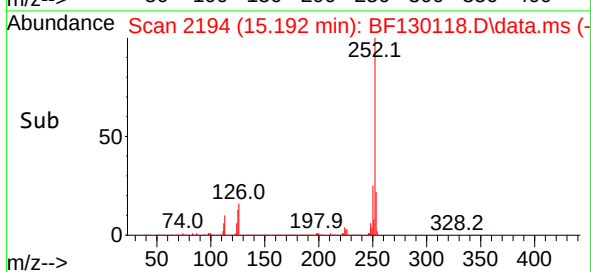
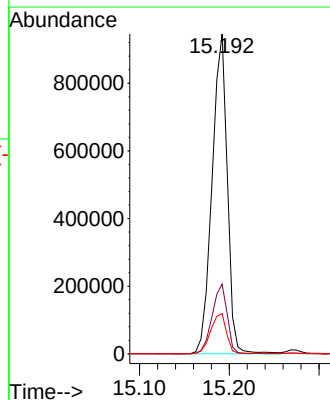
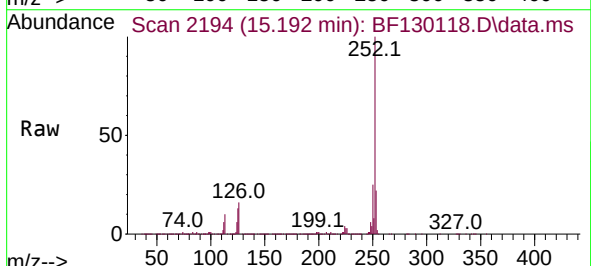
Tgt Ion:252 Resp: 1121138

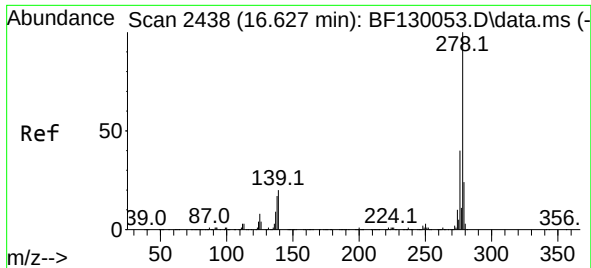
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

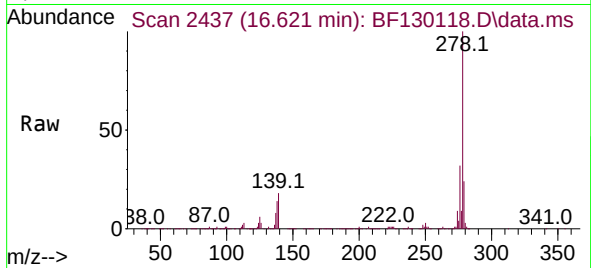
125 12.6 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 52.247 ng
RT: 16.621 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

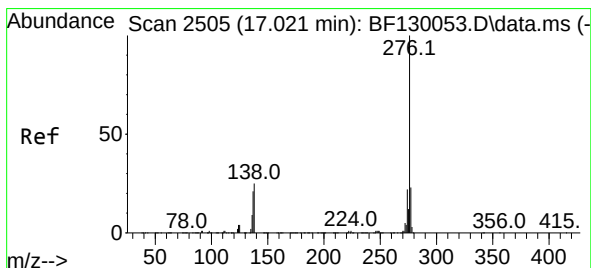
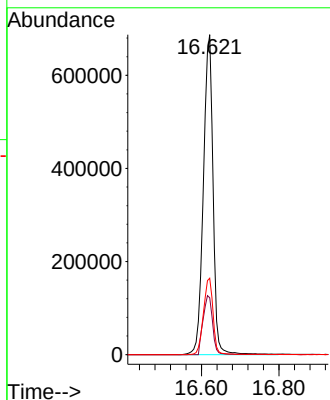
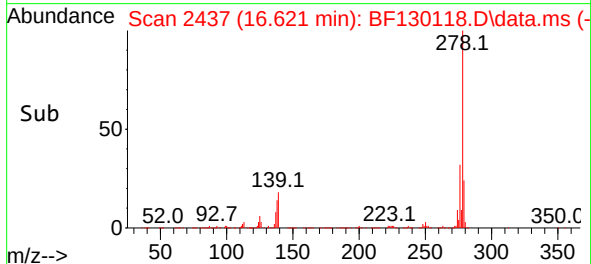
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)MSD



Tgt Ion: 278 Resp: 1190922
Ion Ratio Lower Upper
278 100
139 17.8 12.2 18.4
279 23.9 18.7 28.1

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 09/06/2022
Supervised By : Jagrut Upadhyay 09/06/2022



#92
Benzo(g,h,i)perylene
Concen: 52.516 ng
RT: 17.009 min Scan# 2503
Delta R.T. -0.012 min
Lab File: BF130118.D
Acq: 02 Sep 2022 18:55

Tgt Ion: 276 Resp: 1197662
Ion Ratio Lower Upper
276 100
277 24.1 18.2 27.4
138 26.0 15.8 23.8#

