

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
 Data File : BF130166.D
 Acq On : 07 Sep 2022 17:20
 Operator : CG\JU
 Sample : N4490-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14-A-SPMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/08/2022
 Supervised By : Jagrut Upadhyay 09/08/2022

Quant Time: Sep 08 02:51:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	190006	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	736891	20.000	ng	0.00
39) Acenaphthene-d10	9.728	164	326229	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	448584	20.000	ng	# 0.00
76) Chrysene-d12	13.839	240	325971	20.000	ng	0.00
86) Perylene-d12	15.233	264	431659	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	1470938	131.424	ng	0.02
7) Phenol-d6	6.340	99	1701768	121.960	ng	0.00
23) Nitrobenzene-d5	7.269	82	1154683	100.703	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	410382	138.195	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1946285	98.914	ng	0.00
79) Terphenyl-d14	12.792	244	1547552	82.328	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.510	88	227008	43.400	ng	95
3) Pyridine	3.181	79	546753	38.982	ng	92
4) n-Nitrosodimethylamine	3.116	42	267196	48.441	ng	86
6) Aniline	6.363	93	560187	32.022	ng	# 51
8) 2-Chlorophenol	6.481	128	636427	51.807	ng	100
9) Benzaldehyde	6.251	77	189013	22.131	ng	93
10) Phenol	6.351	94	669708	42.462	ng	# 64
11) bis(2-Chloroethyl)ether	6.445	93	601365	50.182	ng	95
12) 1,3-Dichlorobenzene	6.640	146	597508	43.876	ng	97
13) 1,4-Dichlorobenzene	6.716	146	609692	44.447	ng	98
14) 1,2-Dichlorobenzene	6.869	146	583350	46.782	ng	98
15) Benzyl Alcohol	6.845	79	329107	34.992	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.981	45	736981	45.251	ng	# 57
17) 2-Methylphenol	6.957	107	560690	54.250	ng	# 88
18) Hexachloroethane	7.210	117	225314	45.487	ng	94
19) n-Nitroso-di-n-propyla...	7.122	70	383330	45.601	ng	92
20) 3+4-Methylphenols	7.110	107	545366	44.997	ng	# 63
22) Acetophenone	7.116	105	806421	48.983	ng	# 98
24) Nitrobenzene	7.287	77	614621	50.402	ng	96
25) Isophorone	7.522	82	1070883	46.143	ng	99
26) 2-Nitrophenol	7.598	139	317811	54.934	ng	94
27) 2,4-Dimethylphenol	7.640	122	524223	53.833	ng	98
28) bis(2-Chloroethoxy)met...	7.739	93	712500	51.109	ng	98
29) 2,4-Dichlorophenol	7.840	162	480944	46.172	ng	99
30) 1,2,4-Trichlorobenzene	7.922	180	480357	43.737	ng	99
31) Naphthalene	8.004	128	1649516	44.383	ng	99
32) Benzoic acid	7.704	122	51259m	12.136	ng	
33) 4-Chloroaniline	8.051	127	247060	16.454	ng	96
34) Hexachlorobutadiene	8.116	225	276523	43.962	ng	99
35) Caprolactam	8.416	113	106151	32.886	ng	90
36) 4-Chloro-3-methylphenol	8.539	107	459316	43.577	ng	92
37) 2-Methylnaphthalene	8.692	142	1070217	44.703	ng	99
38) 1-Methylnaphthalene	8.792	142	1019068	43.793	ng	99
40) 1,2,4,5-Tetrachloroben...	8.857	216	456129	53.619	ng	98
41) Hexachlorocyclopentadiene	8.845	237	488874	109.965	ng	98
43) 2,4,6-Trichlorophenol	8.969	196	298849	49.217	ng	96

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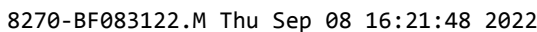
Quant Time: Sep 08 02:51:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
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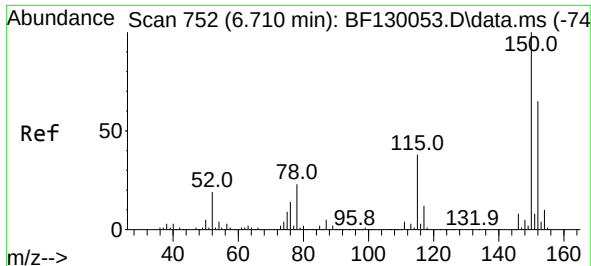
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	311084	47.267	ng	95
46) 1,1'-Biphenyl	9.157	154	1240390	52.336	ng	100
47) 2-Chloronaphthalene	9.181	162	979273	51.568	ng	99
48) 2-Nitroaniline	9.275	65	265076	56.645	ng	92
49) Acenaphthylene	9.592	152	1435115	49.767	ng	99
50) Dimethylphthalate	9.463	163	1006217	45.284	ng	99
51) 2,6-Dinitrotoluene	9.522	165	230212	53.139	ng	# 83
52) Acenaphthene	9.763	154	885261	48.711	ng	99
53) 3-Nitroaniline	9.686	138	160368	32.251	ng	92
54) 2,4-Dinitrophenol	9.786	184	36024	24.555	ng	90
55) Dibenzofuran	9.933	168	1265617	48.634	ng	99
56) 4-Nitrophenol	9.845	139	300527	78.392	ng	92
57) 2,4-Dinitrotoluene	9.916	165	278354	55.807	ng	# 88
58) Fluorene	10.275	166	918986	46.411	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.051	232	225104	44.036	ng	# 80
60) Diethylphthalate	10.157	149	891537	41.474	ng	99
61) 4-Chlorophenyl-phenyle...	10.269	204	414833	47.393	ng	97
62) 4-Nitroaniline	10.298	138	217082	44.889	ng	93
63) Azobenzene	10.428	77	920053	43.470	ng	97
65) 4,6-Dinitro-2-methylph...	10.322	198	41624	23.293	ng	86
66) n-Nitrosodiphenylamine	10.392	169	803971	53.613	ng	97
67) 4-Bromophenyl-phenylether	10.757	248	266082	53.327	ng	99
68) Hexachlorobenzene	10.816	284	296636	54.561	ng	96
69) Atrazine	10.916	200	222456	52.437	ng	98
70) Pentachlorophenol	11.010	266	221527	72.866	ng	97
71) Phenanthrene	11.233	178	1209710	49.726	ng	100
72) Anthracene	11.286	178	1224540	51.204	ng	99
73) Carbazole	11.439	167	1093636	49.591	ng	100
74) Di-n-butylphthalate	11.780	149	1207974	45.425	ng	98
75) Fluoranthene	12.416	202	1146829	47.539	ng	99
77) Benzidine	12.545	184	504026	57.270	ng	99
78) Pyrene	12.645	202	1174196	40.160	ng	99
80) Butylbenzylphthalate	13.269	149	522670	44.944	ng	96
81) Benzo(a)anthracene	13.827	228	1102973	49.374	ng	100
82) 3,3'-Dichlorobenzidine	13.798	252	298933	42.911	ng	97
83) Chrysene	13.863	228	1114734	50.614	ng	99
84) Bis(2-ethylhexyl)phtha...	13.833	149	682751	47.232	ng	99
85) Di-n-octyl phthalate	14.445	149	1398011	61.225	ng	97
87) Indeno(1,2,3-cd)pyrene	16.586	276	1582058	55.561	ng	97
88) Benzo(b)fluoranthene	14.845	252	1414436	49.136	ng	100
89) Benzo(k)fluoranthene	14.874	252	1284160	46.126	ng	99
90) Benzo(a)pyrene	15.180	252	1237052	54.082	ng	98
91) Dibenzo(a,h)anthracene	16.604	278	1375163	59.021	ng	96
92) Benzo(g,h,i)perylene	16.998	276	1378219	59.122	ng	96

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

Manual Integrations APPROVED

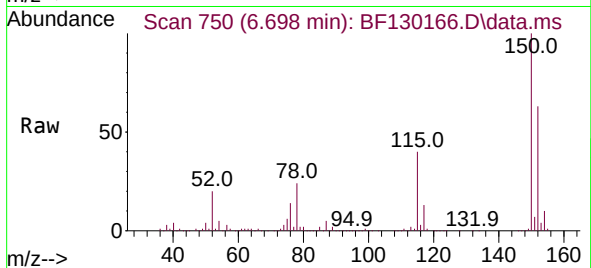
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

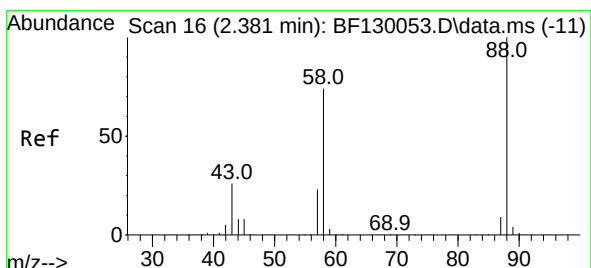
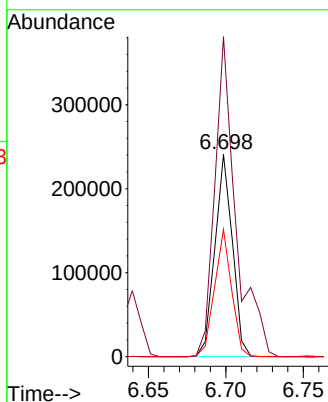
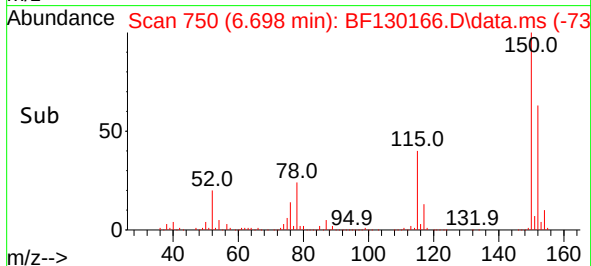
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



Tgt Ion:152 Resp: 190000
Ion Ratio Lower Upper
152 100
150 158.1 126.9 190.3
115 62.8 53.4 80.0

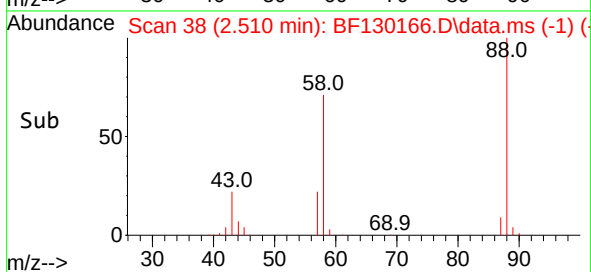
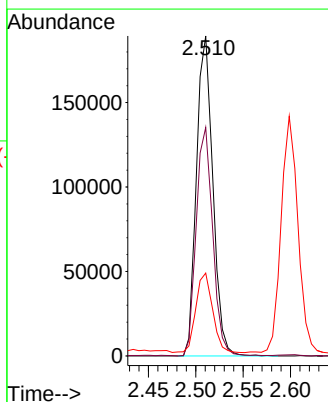
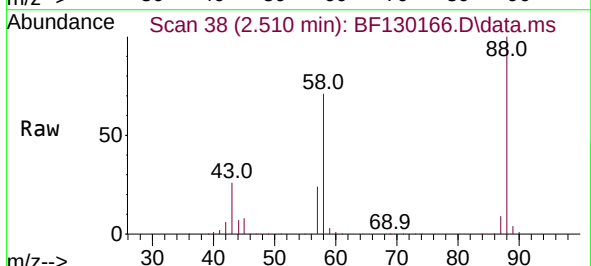
Manual Integrations
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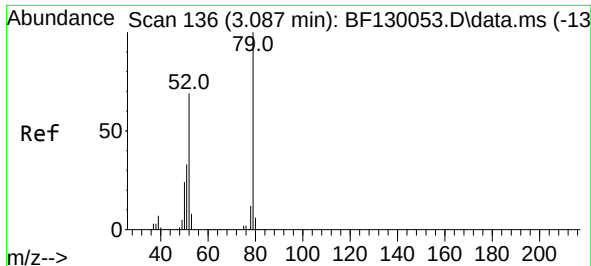
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#2
1,4-Dioxane
Concen: 43.400 ng
RT: 2.510 min Scan# 38
Delta R.T. 0.171 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

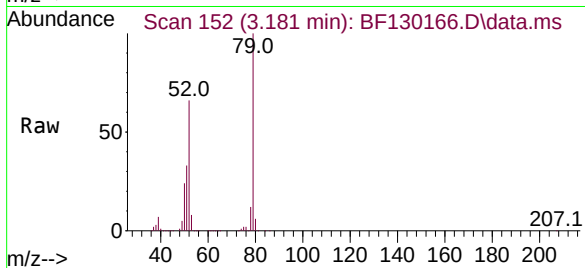
Tgt Ion: 88 Resp: 227008
Ion Ratio Lower Upper
88 100
58 72.2 60.9 91.3
43 25.3 23.6 35.4





#3
Pyridine
Concen: 38.982 ng
RT: 3.181 min Scan# 11
Delta R.T. 0.141 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

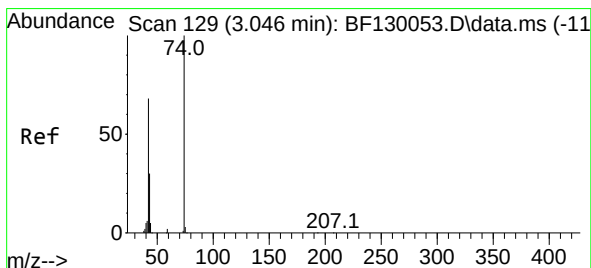
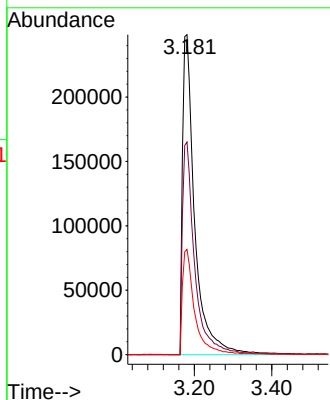
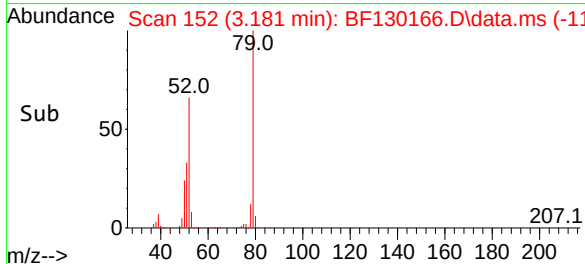
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



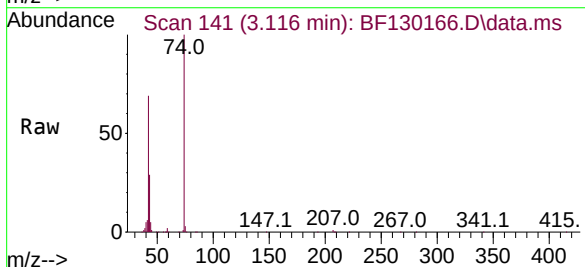
Tgt Ion: 79 Resp: 546753
Ion Ratio Lower Upper
79 100
52 66.4 59.4 89.2
51 32.9 29.5 44.3

Manual Integrations
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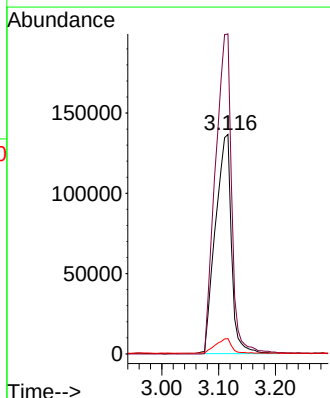
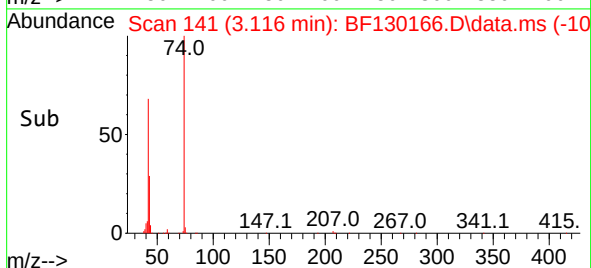
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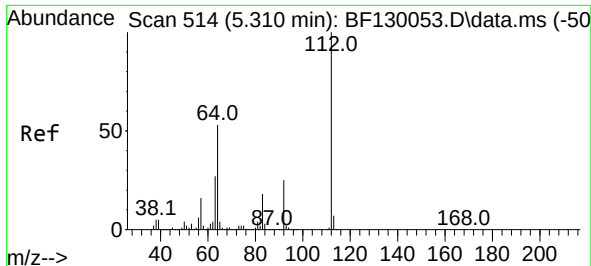


#4
n-Nitrosodimethylamine
Concen: 48.441 ng
RT: 3.116 min Scan# 141
Delta R.T. 0.118 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20



Tgt Ion: 42 Resp: 267196
Ion Ratio Lower Upper
42 100
74 145.9 103.1 154.7
44 6.9 5.4 8.2





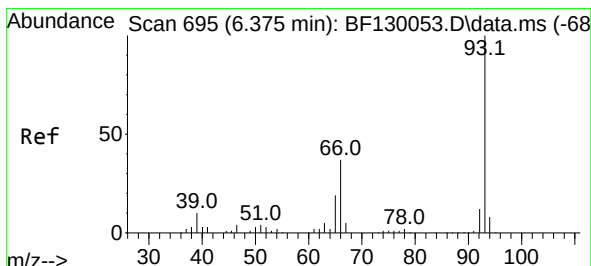
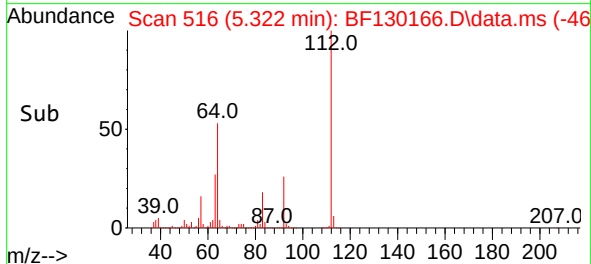
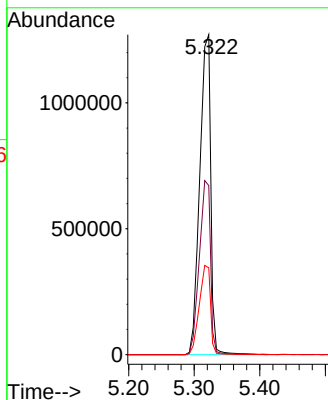
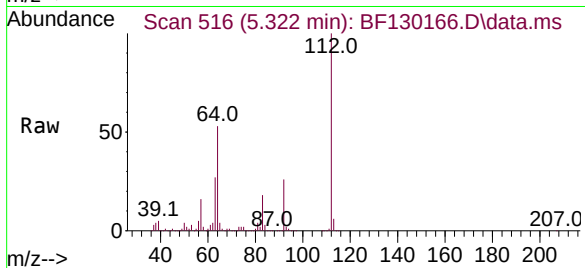
#5
2-Fluorophenol
Concen: 131.424 ng
RT: 5.322 min Scan# 514
Delta R.T. 0.024 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD

Tgt Ion:112 Resp: 1470938
Ion Ratio Lower Upper
112 100
64 52.8 47.6 71.4
63 27.1 24.6 37.0

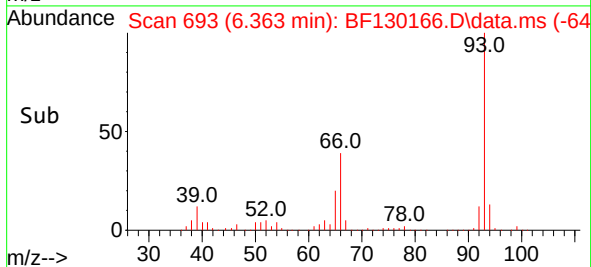
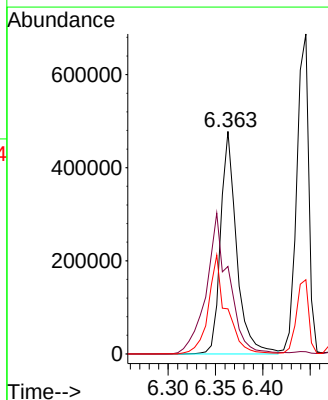
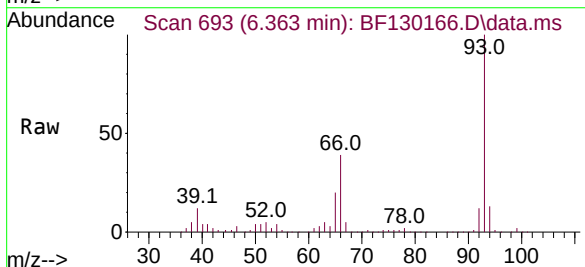
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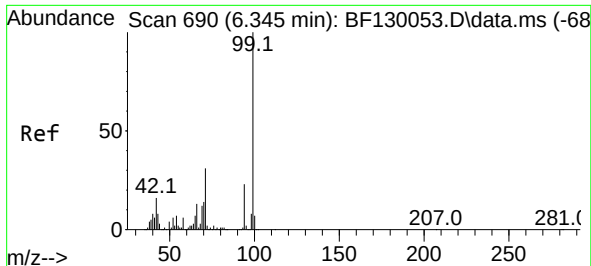
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#6
Aniline
Concen: 32.022 ng
RT: 6.363 min Scan# 693
Delta R.T. -0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

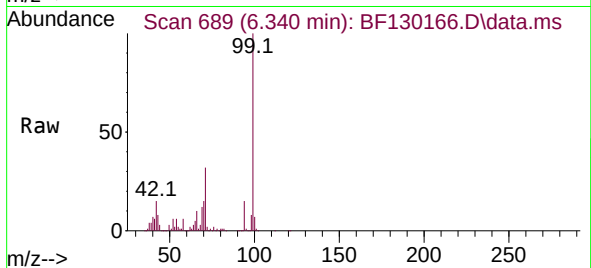
Tgt Ion: 93 Resp: 560187
Ion Ratio Lower Upper
93 100
66 39.3 68.7 103.1#
65 20.3 41.6 62.4#





#7
Phenol-d6
Concen: 121.960 ng
RT: 6.340 min Scan# 689
Delta R.T. 0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

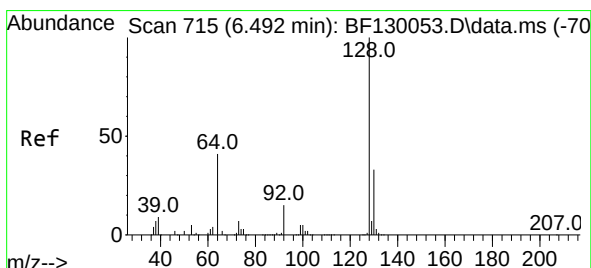
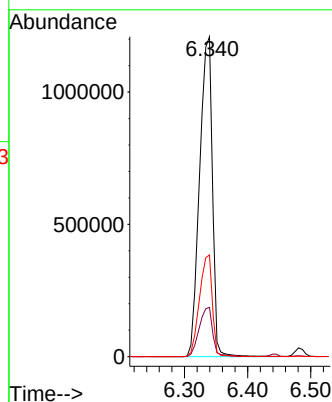
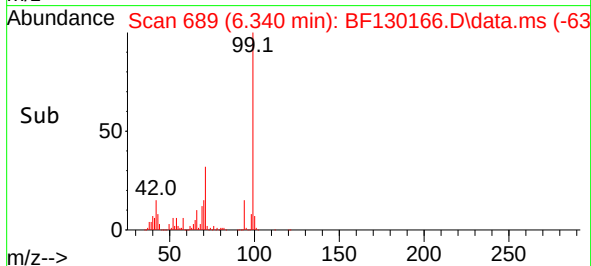
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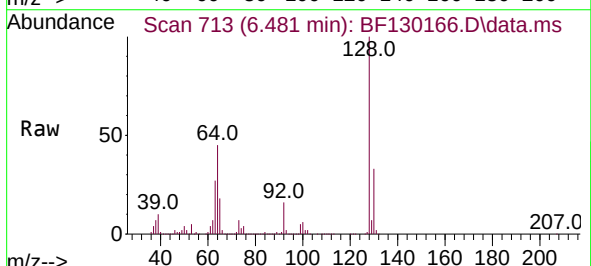
Tgt Ion: 99 Resp: 1701768
Ion Ratio Lower Upper
99 100
42 15.4 15.0 22.4
71 31.8 28.8 43.2

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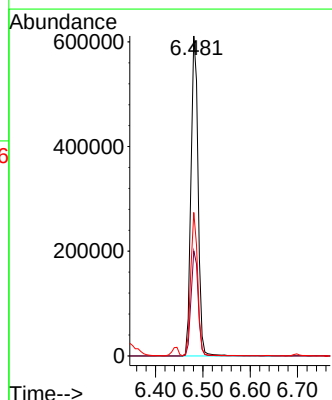
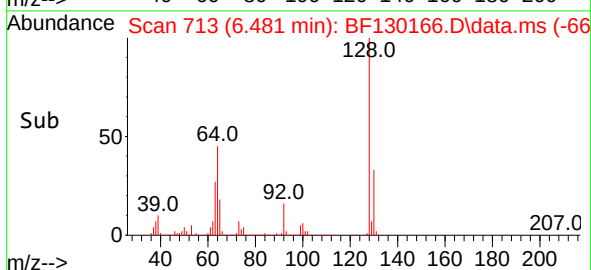
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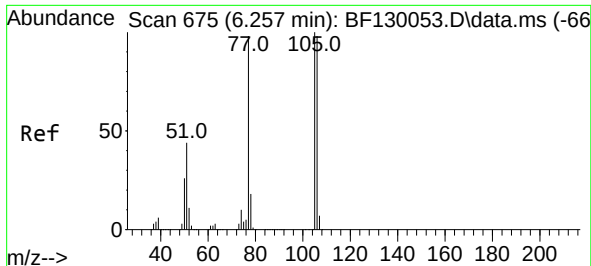


#8
2-Chlorophenol
Concen: 51.807 ng
RT: 6.481 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20



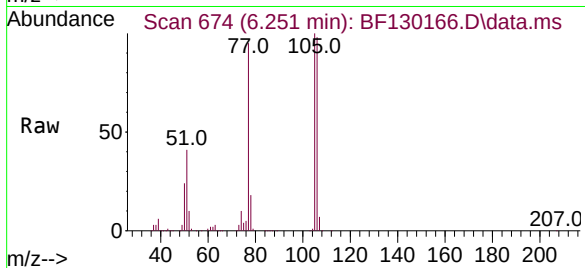
Tgt Ion:128 Resp: 636427
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 44.8 24.9 64.9





#9
Benzaldehyde
Concen: 22.131 ng
RT: 6.251 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

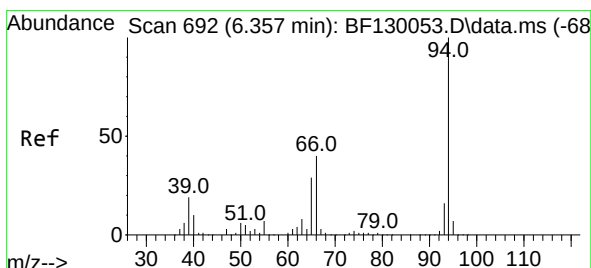
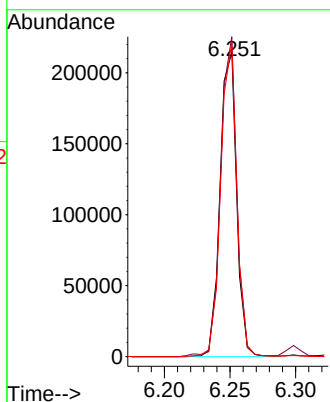
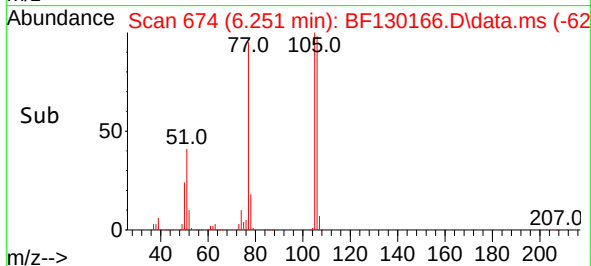
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



Tgt Ion: 77 Resp: 189013
Ion Ratio Lower Upper
77 100
105 105.2 80.3 120.3
106 103.3 74.3 114.3

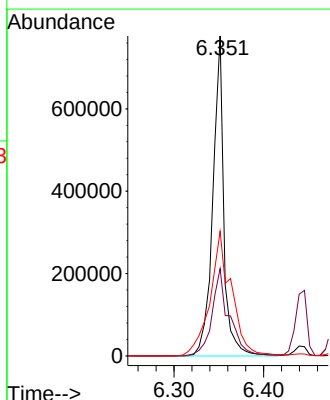
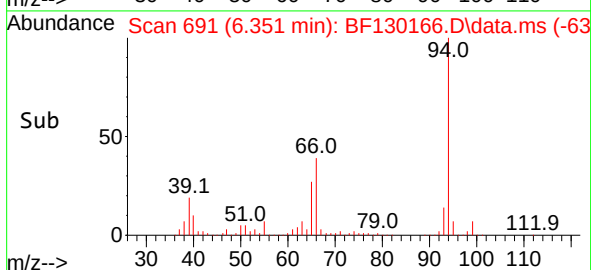
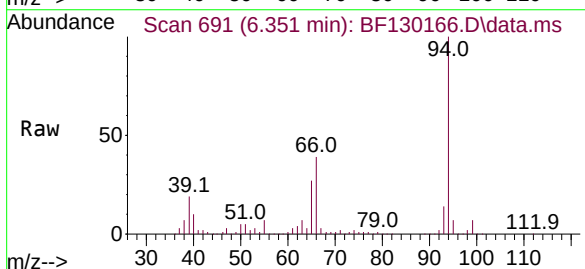
Manual Integrations
APPROVED

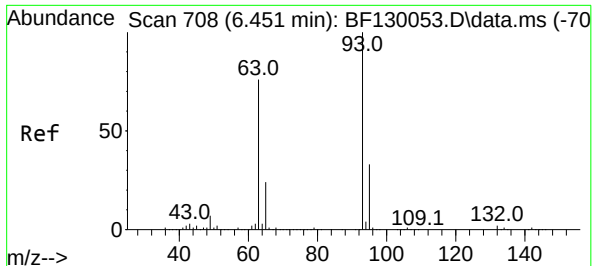
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#10
Phenol
Concen: 42.462 ng
RT: 6.351 min Scan# 691
Delta R.T. 0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

Tgt Ion: 94 Resp: 669708
Ion Ratio Lower Upper
94 100
65 27.3 24.9 64.9
66 38.9 54.2 94.2#





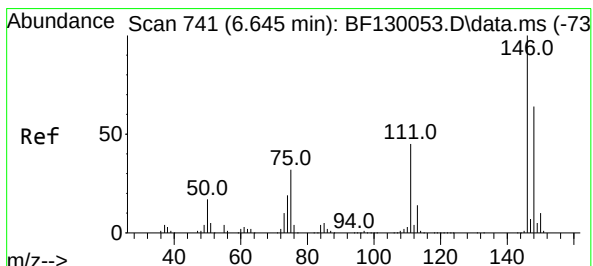
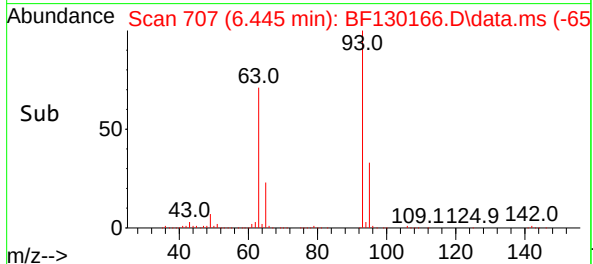
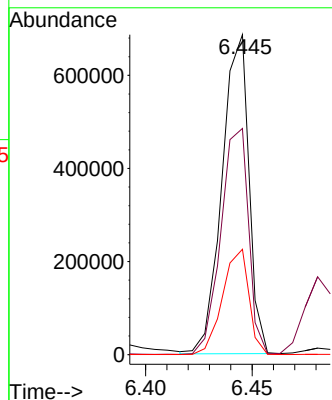
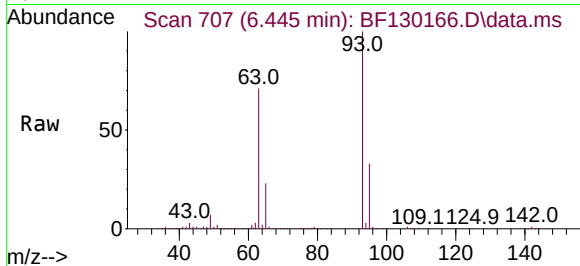
#11
bis(2-Chloroethyl)ether
Concen: 50.182 ng
RT: 6.445 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD

Tgt Ion: 93 Resp: 601365
Ion Ratio Lower Upper
93 100
63 70.7 55.9 95.9
95 32.9 12.3 52.3

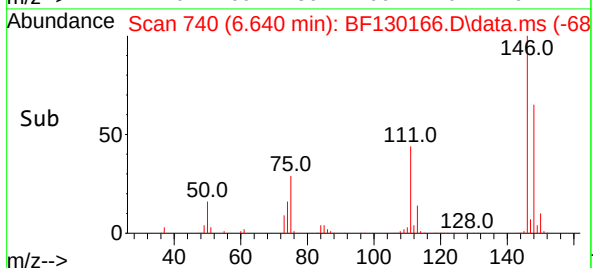
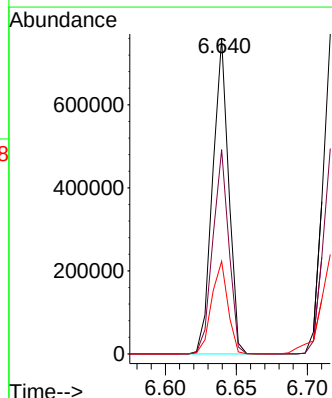
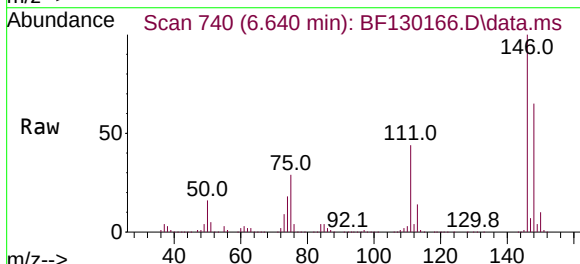
Manual Integrations
APPROVED

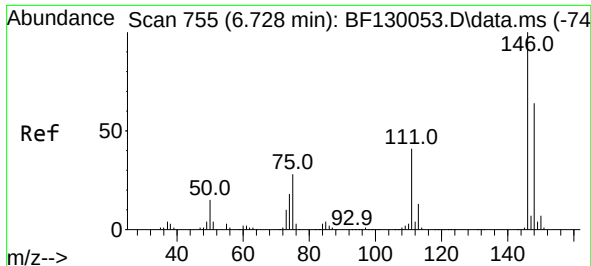
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#12
1,3-Dichlorobenzene
Concen: 43.876 ng
RT: 6.640 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

Tgt Ion:146 Resp: 597508
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
75 29.3 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 44.447 ng

RT: 6.716 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

Instrument :

BNA_F

ClientSampleId :

WC-14-A-SPMSD

Tgt Ion:146 Resp: 609692

Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

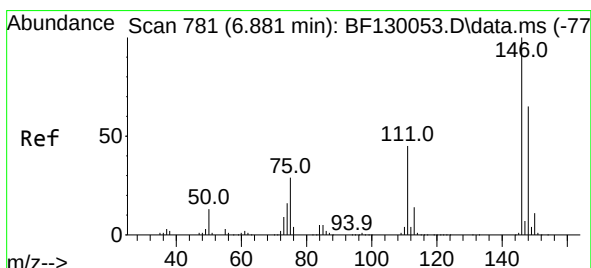
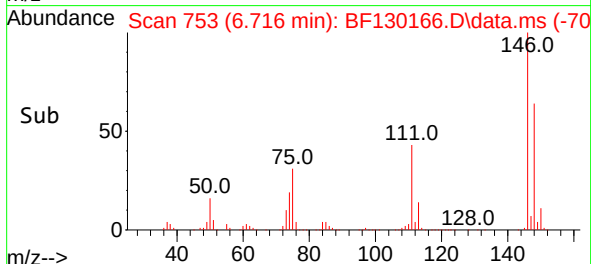
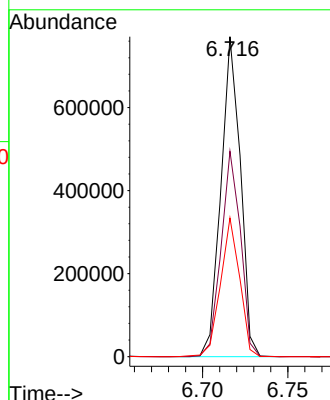
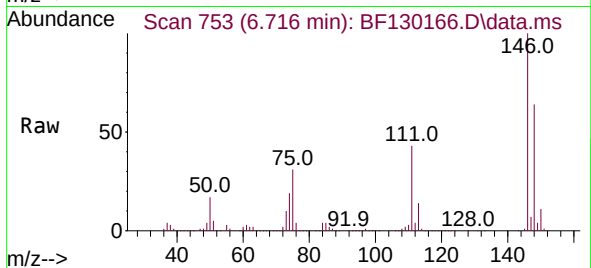
111 43.4 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#14

1,2-Dichlorobenzene

Concen: 46.782 ng

RT: 6.869 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

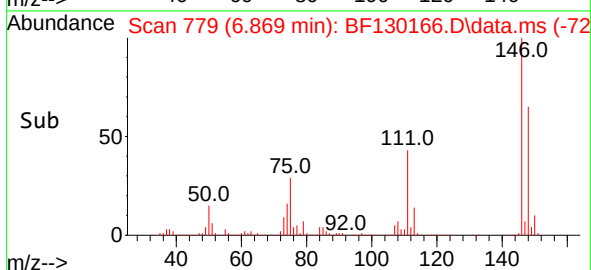
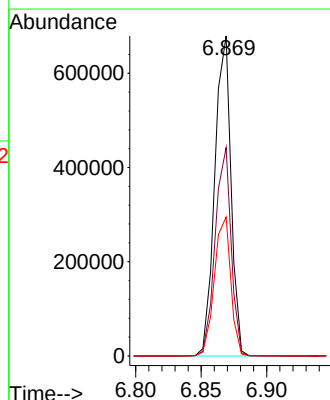
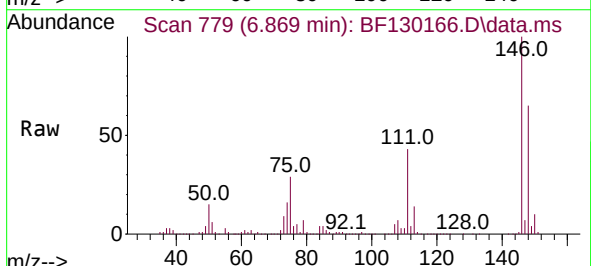
Tgt Ion:146 Resp: 583350

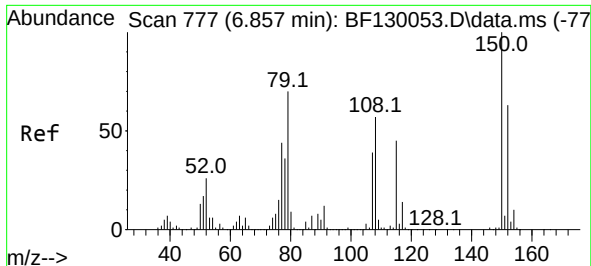
Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.6

111 43.4 37.2 55.8





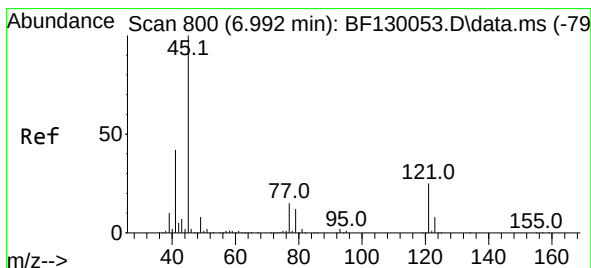
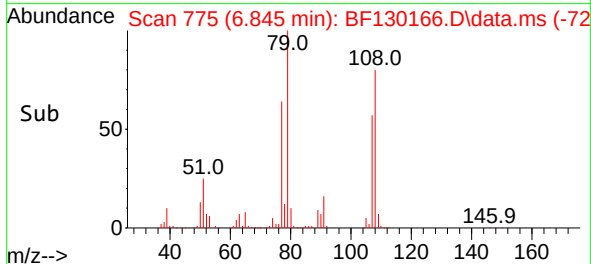
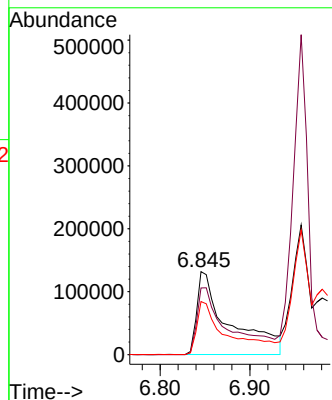
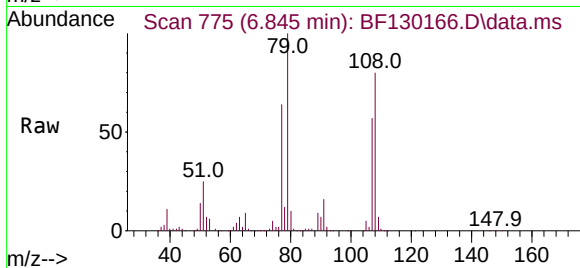
#15
Benzyl Alcohol
Concen: 34.992 ng
RT: 6.845 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD

Tgt Ion: 79 Resp: 329107
Ion Ratio Lower Upper
79 100
108 80.4 59.2 88.8
77 64.0 51.9 77.9

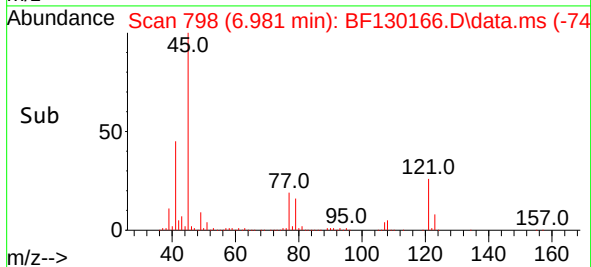
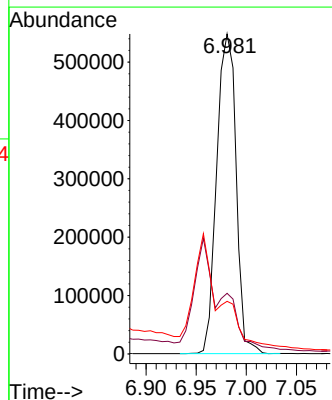
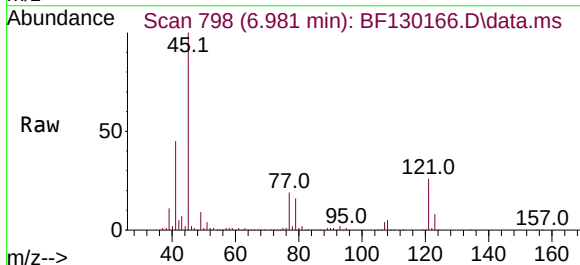
Manual Integrations
APPROVED

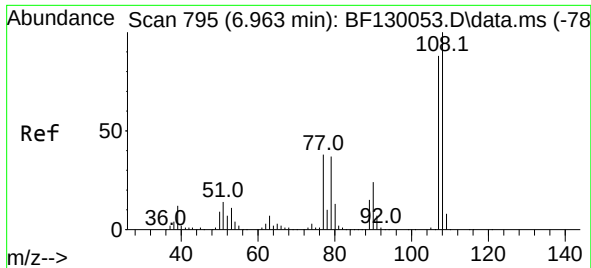
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.251 ng
RT: 6.981 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

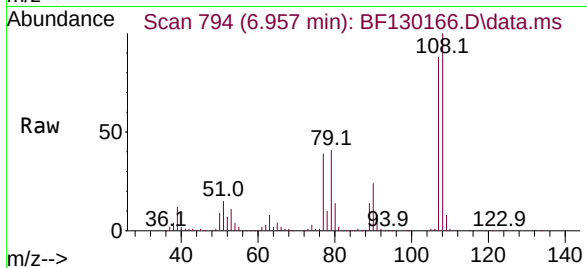
Tgt Ion: 45 Resp: 736981
Ion Ratio Lower Upper
45 100
77 18.9 27.4 67.4#
79 16.4 24.4 64.4#





#17
2-Methylphenol
Concen: 54.250 ng
RT: 6.957 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

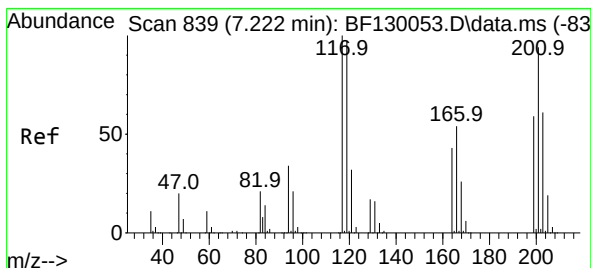
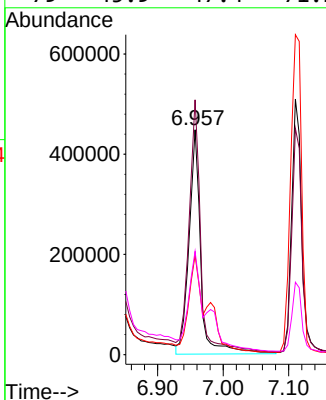
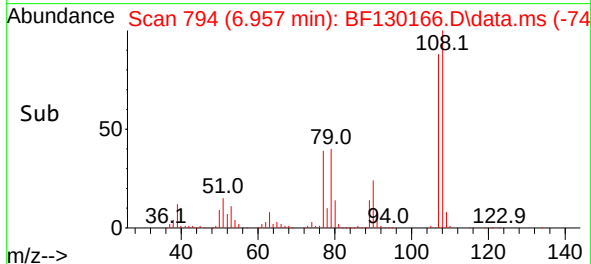
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



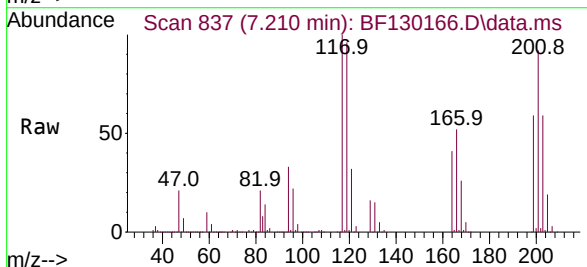
Tgt Ion:107 Resp: 560690
Ion Ratio Lower Upper
107 100
108 113.3 90.2 135.2
77 44.1 51.8 77.8
79 45.9 47.4 71.2#

Manual Integrations
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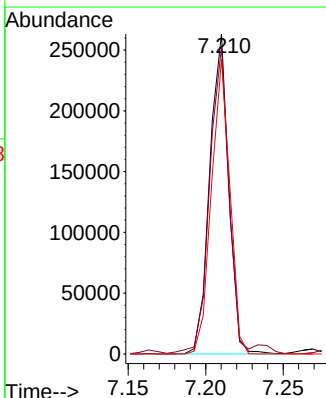
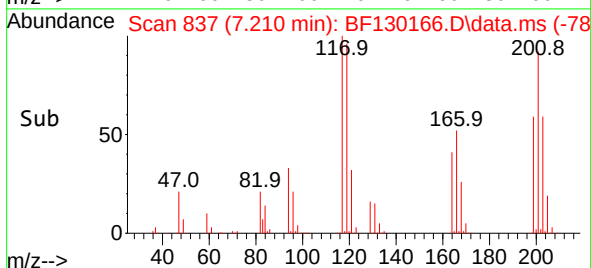
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

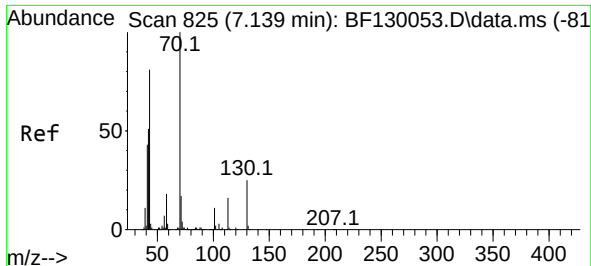


#18
Hexachloroethane
Concen: 45.487 ng
RT: 7.210 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20



Tgt Ion:117 Resp: 225314
Ion Ratio Lower Upper
117 100
119 95.9 79.1 118.7
201 92.1 66.6 100.0





#19

n-Nitroso-di-n-propylamine

Concen: 45.601 ng

RT: 7.122 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130166.D

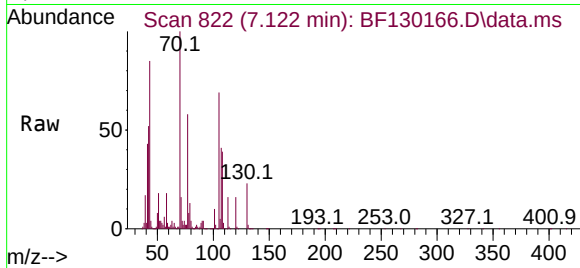
Acq: 07 Sep 2022 17:20

Instrument :

BNA_F

ClientSampleId :

WC-14-A-SPMSD



Tgt Ion: 70 Resp: 383336

Ion Ratio Lower Upper

70 100

42 51.9 47.6 71.4

101 10.1 8.1 12.1

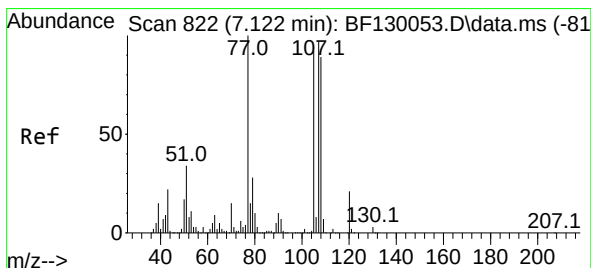
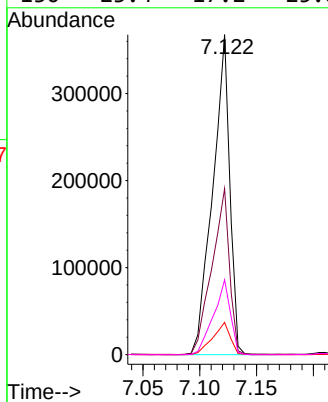
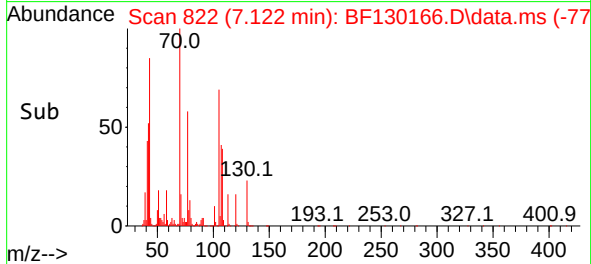
130 23.4 17.2 25.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#20

3+4-Methylphenols

Concen: 44.997 ng

RT: 7.110 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

Tgt Ion:107 Resp: 545366

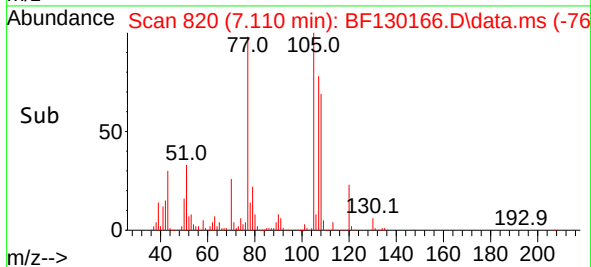
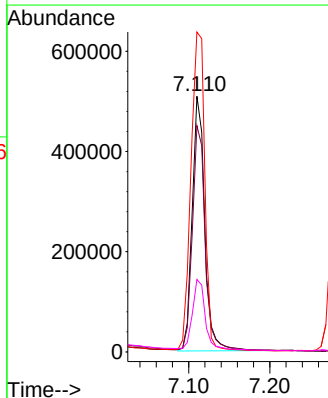
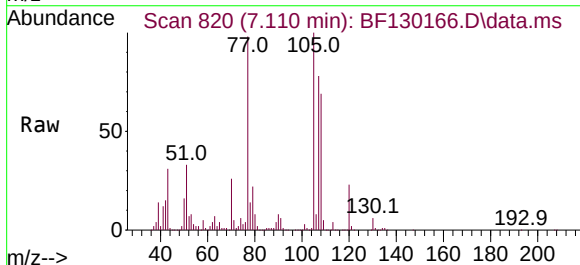
Ion Ratio Lower Upper

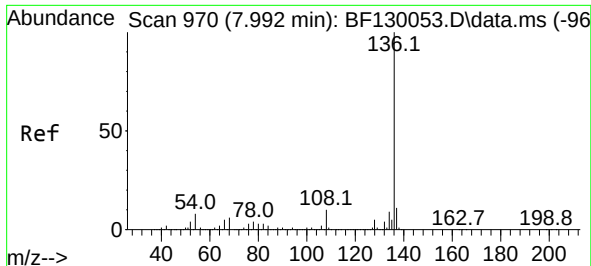
107 100

108 88.5 71.3 111.3

77 125.2 20.4 60.4#

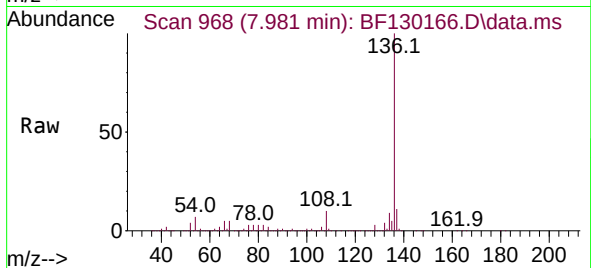
79 28.3 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

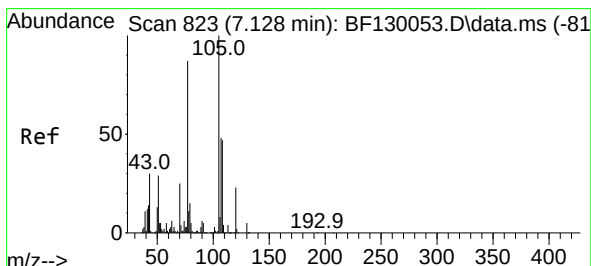
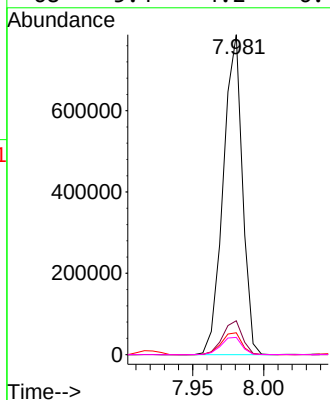
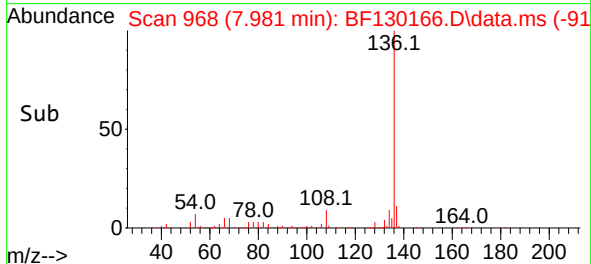
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



Tgt Ion:136 Resp: 736891
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 6.8 6.2 9.2
68 5.4 4.2 6.4

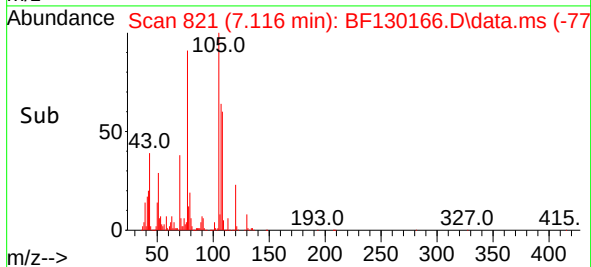
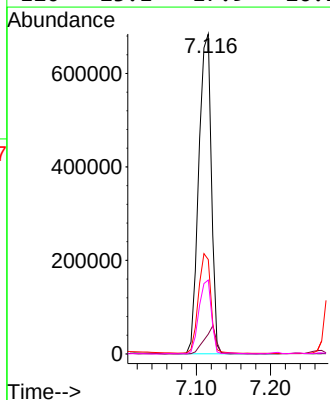
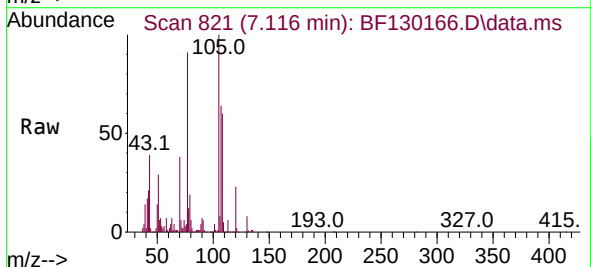
Manual Integrations
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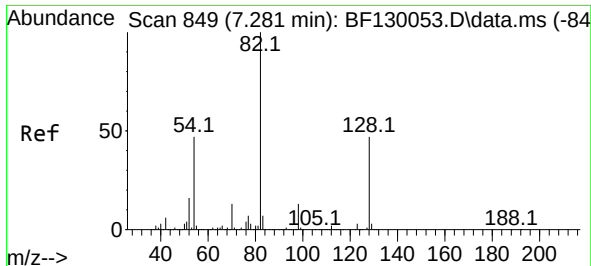
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#22
Acetophenone
Concen: 48.983 ng
RT: 7.116 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

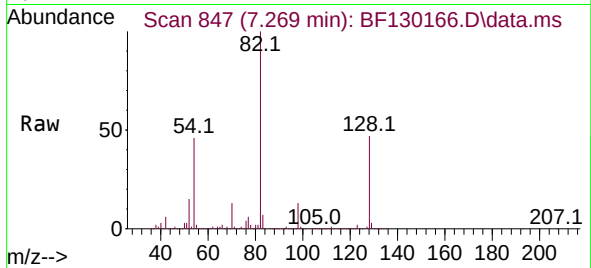
Tgt Ion:105 Resp: 806421
Ion Ratio Lower Upper
105 100
71 6.2 6.6 9.8#
51 29.5 23.8 35.8
120 23.1 17.9 26.9





#23
Nitrobenzene-d5
Concen: 100.703 ng
RT: 7.269 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

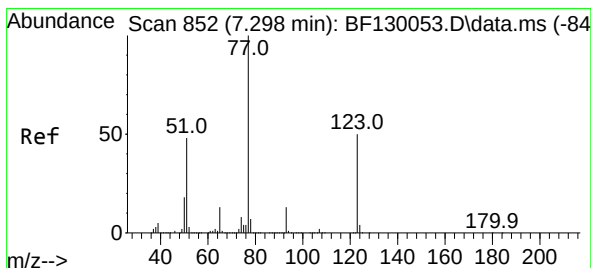
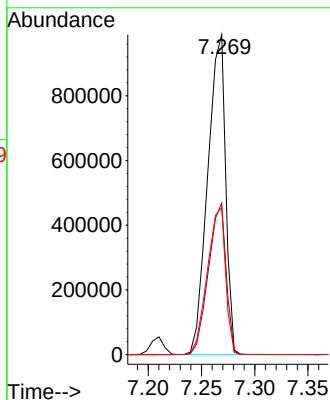
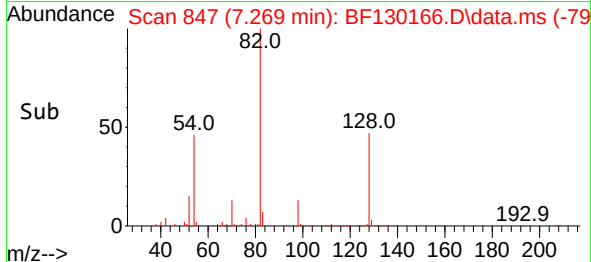
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



Tgt Ion: 82 Resp: 1154683
Ion Ratio Lower Upper
82 100
128 47.3 36.1 54.1
54 45.9 40.0 60.0

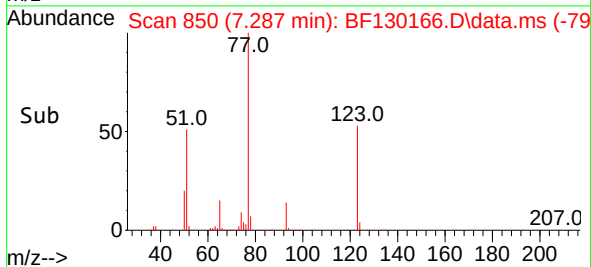
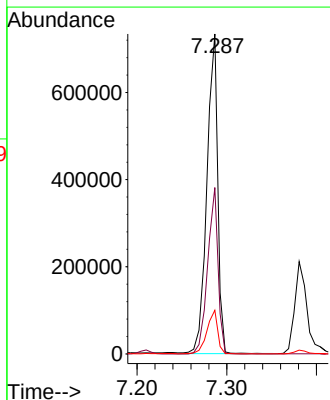
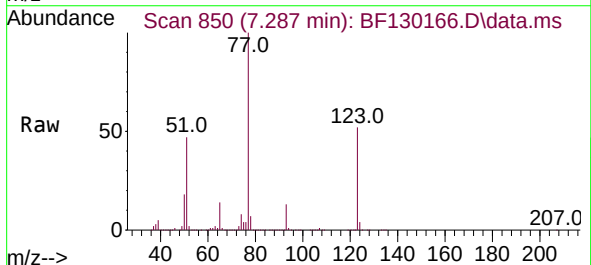
Manual Integrations
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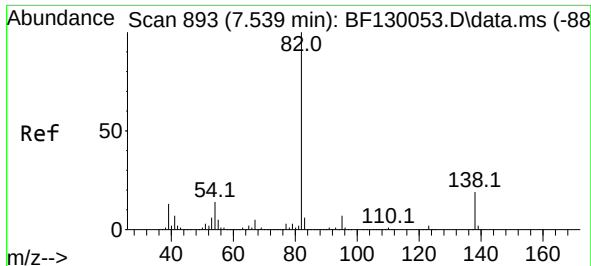
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#24
Nitrobenzene
Concen: 50.402 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

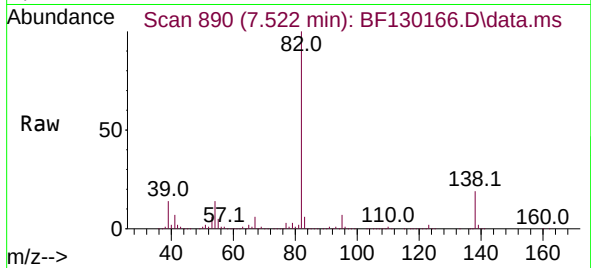
Tgt Ion: 77 Resp: 614621
Ion Ratio Lower Upper
77 100
123 52.0 39.2 58.8
65 13.6 11.1 16.7





#25
Isophorone
Concen: 46.143 ng
RT: 7.522 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

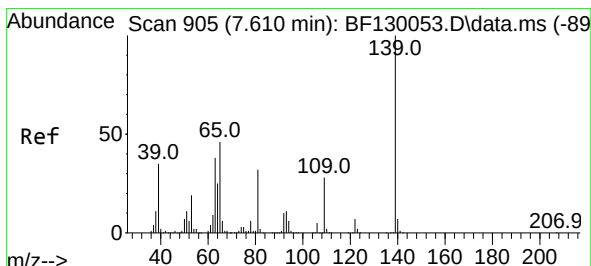
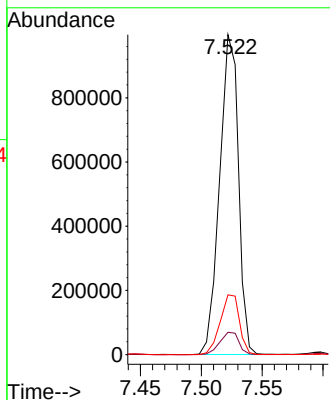
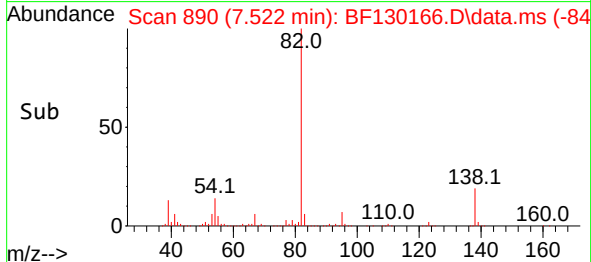
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



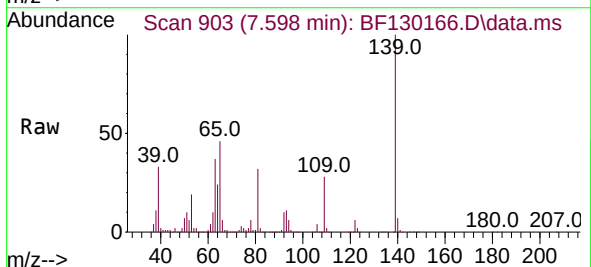
Tgt Ion: 82 Resp: 1070883
Ion Ratio Lower Upper
82 100
95 7.0 5.9 8.9
138 18.7 14.6 21.8

Manual Integrations
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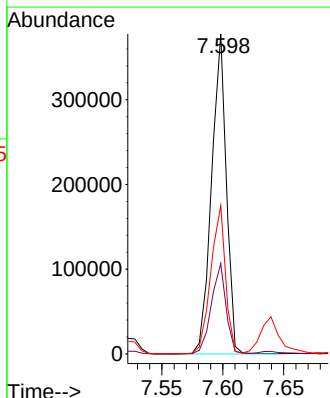
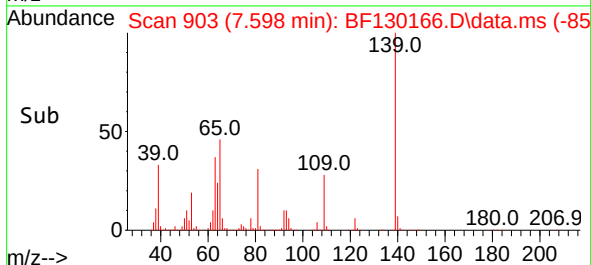
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

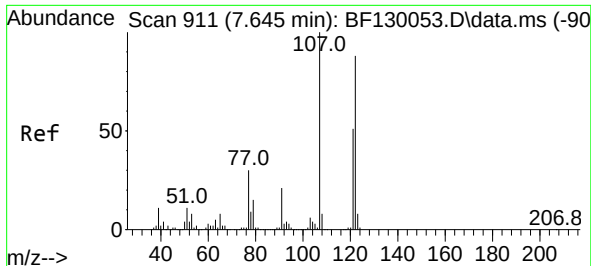


#26
2-Nitrophenol
Concen: 54.934 ng
RT: 7.598 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20



Tgt Ion:139 Resp: 317811
Ion Ratio Lower Upper
139 100
109 28.2 24.4 36.6
65 46.3 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 53.833 ng

RT: 7.640 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF130166.D

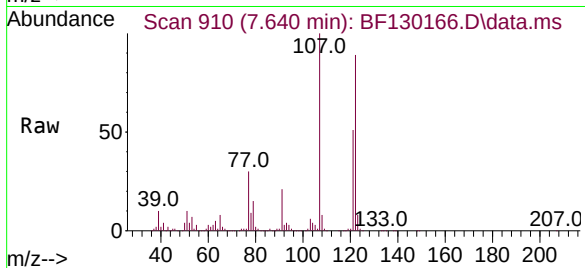
Acq: 07 Sep 2022 17:20

Instrument :

BNA_F

ClientSampleId :

WC-14-A-SPMSD



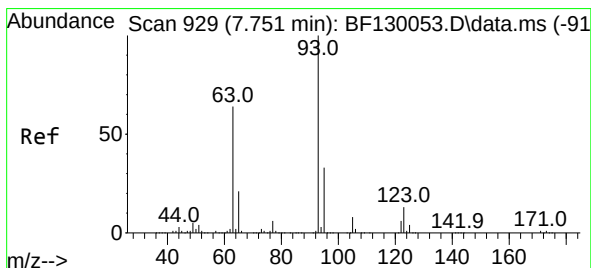
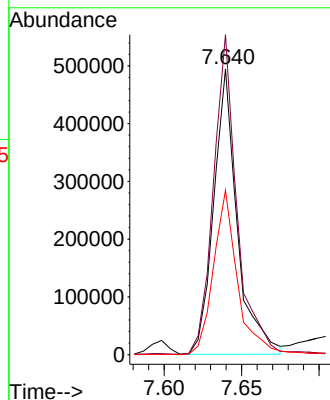
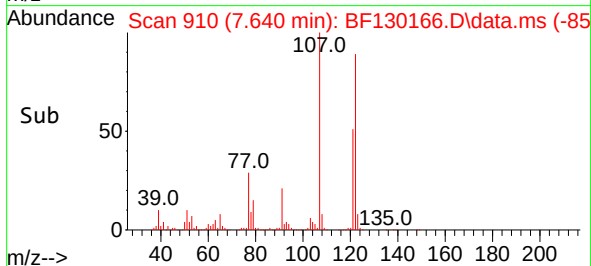
Tgt Ion:	122	Resp:	524223
Ion	Ratio	Lower	Upper
122	100		
107	112.0	92.2	138.4
121	57.6	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#28

bis(2-Chloroethoxy)methane

Concen: 51.109 ng

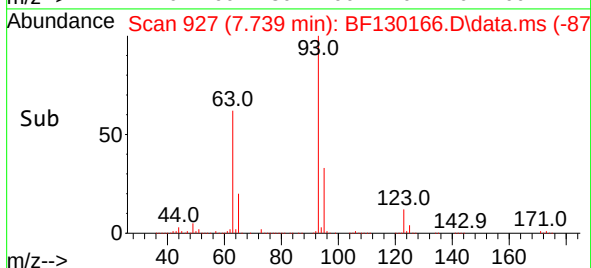
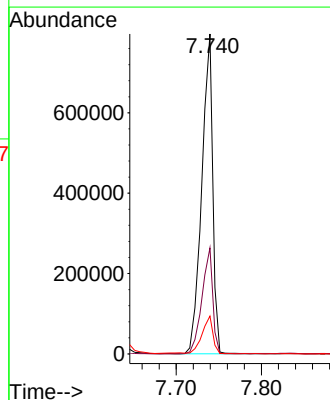
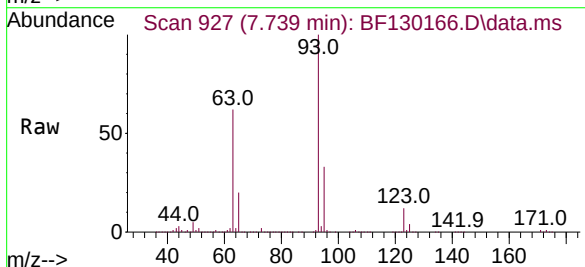
RT: 7.739 min Scan# 927

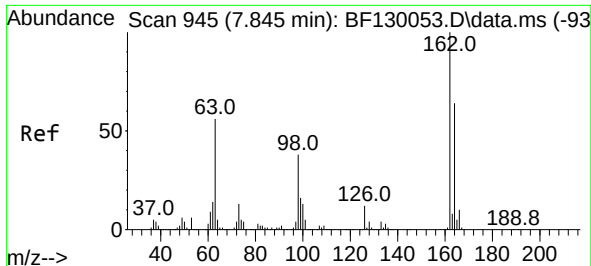
Delta R.T. 0.000 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

Tgt Ion:	93	Resp:	712500
Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.6	38.4
123	11.8	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 46.172 ng

RT: 7.840 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

Instrument :

BNA_F

ClientSampleId :

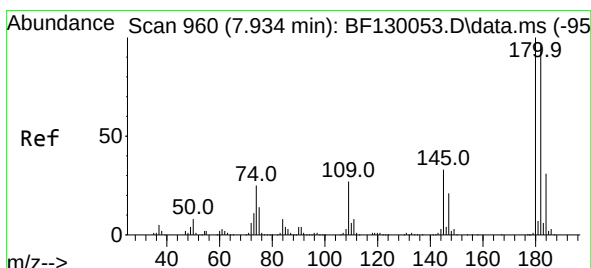
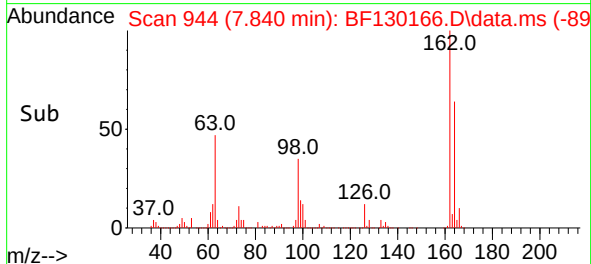
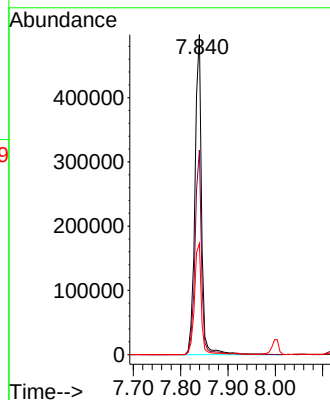
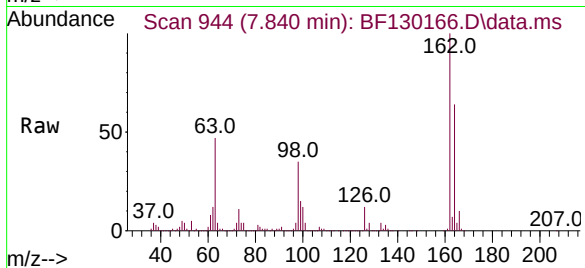
WC-14-A-SPMSD

Tgt Ion:162 Resp: 480944
 Ion Ratio Lower Upper
 162 100
 164 63.9 43.7 83.7
 98 34.7 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/08/2022
 Supervised By :Jagrut Upadhyay 09/08/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.737 ng

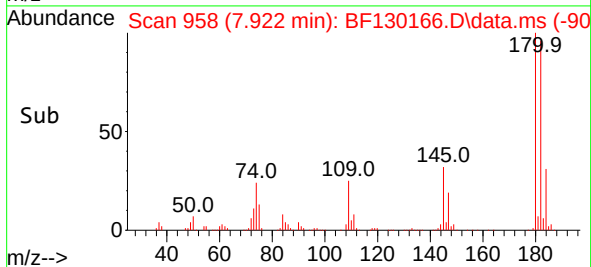
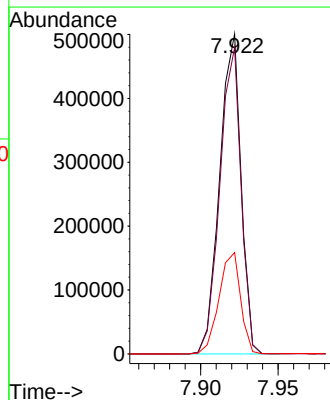
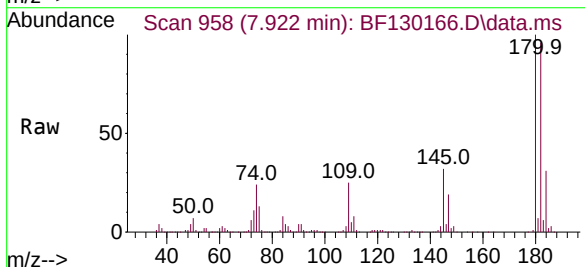
RT: 7.922 min Scan# 958

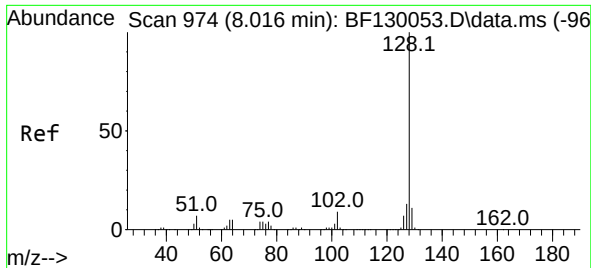
Delta R.T. 0.000 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

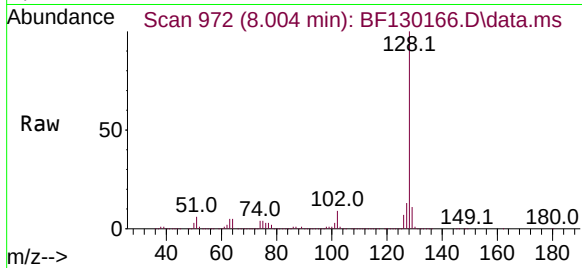
Tgt Ion:180 Resp: 480357
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.6 116.4
 145 31.7 25.6 38.4





#31
Naphthalene
Concen: 44.383 ng
RT: 8.004 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

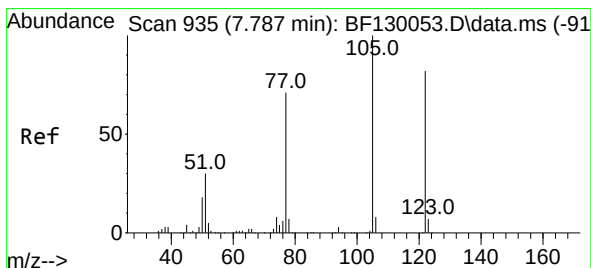
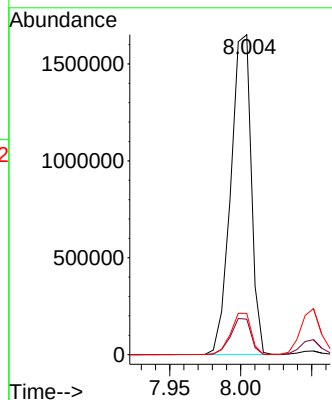
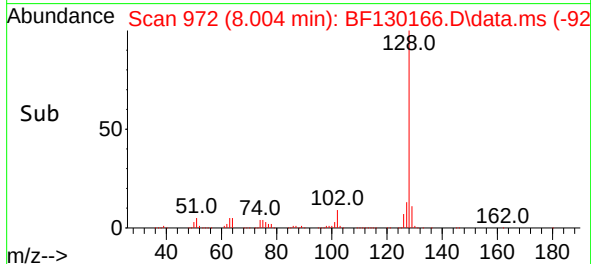
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



Tgt Ion:128 Resp: 1649516
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.9 10.7 16.1

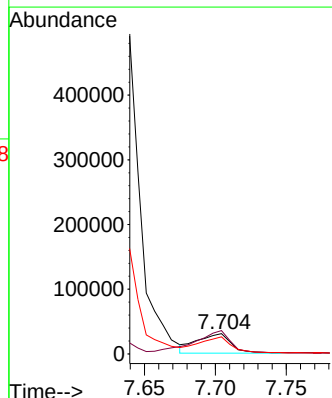
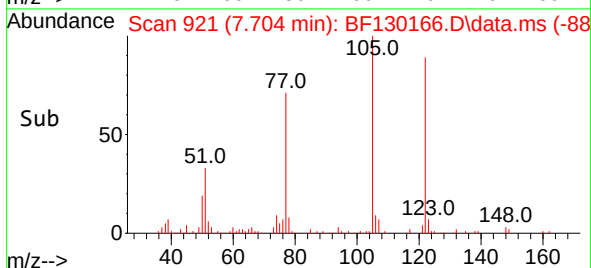
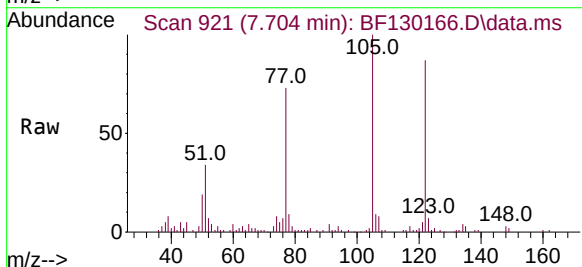
Manual Integrations
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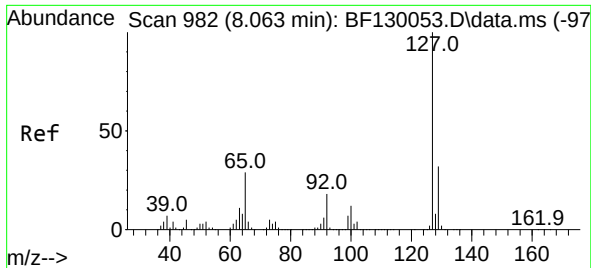
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#32
Benzoic acid
Concen: 12.136 ng m
RT: 7.704 min Scan# 921
Delta R.T. -0.065 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

Tgt Ion:122 Resp: 51259
Ion Ratio Lower Upper
122 100
105 114.4 99.9 139.9
77 83.8 65.9 105.9





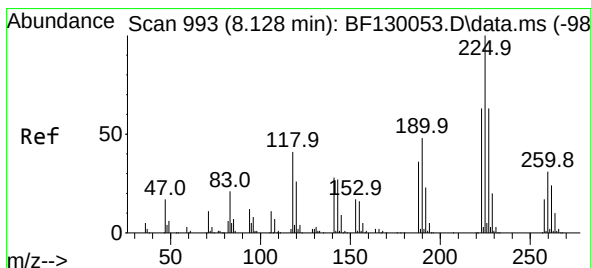
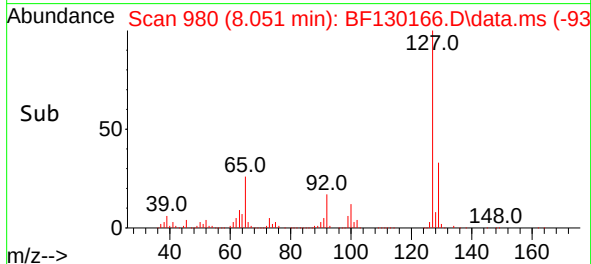
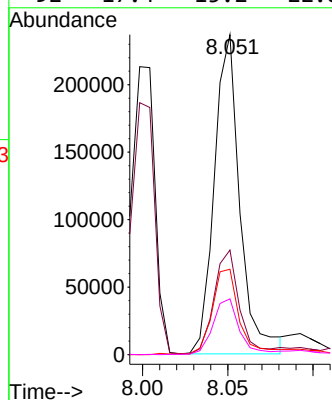
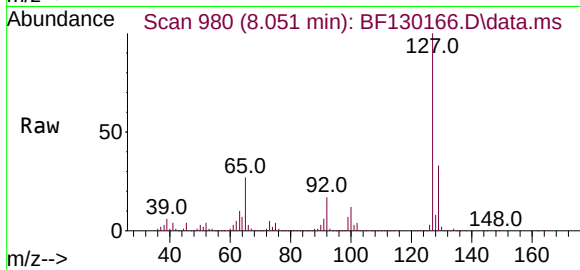
#33
4-Chloroaniline
Concen: 16.454 ng
RT: 8.051 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD

Tgt Ion:127 Resp: 247060
Ion Ratio Lower Upper
127 100
129 32.7 26.7 40.1
65 26.7 24.2 36.2
92 17.4 15.2 22.8

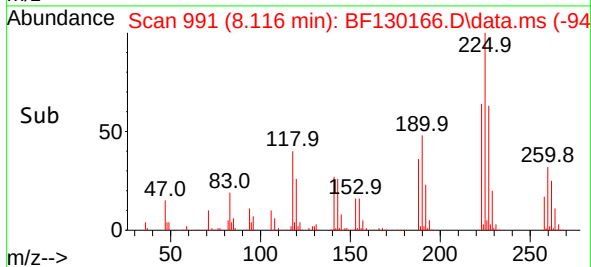
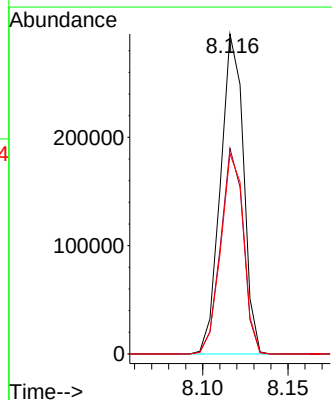
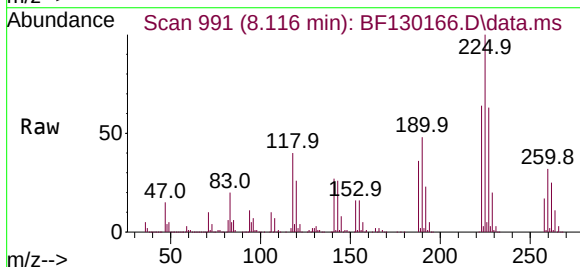
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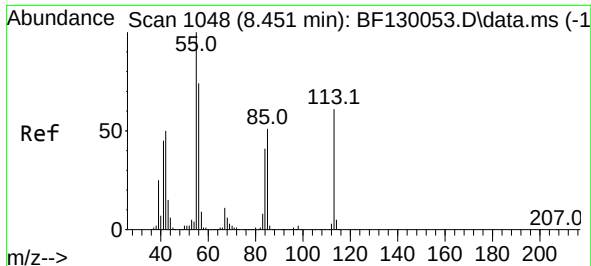
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#34
Hexachlorobutadiene
Concen: 43.962 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

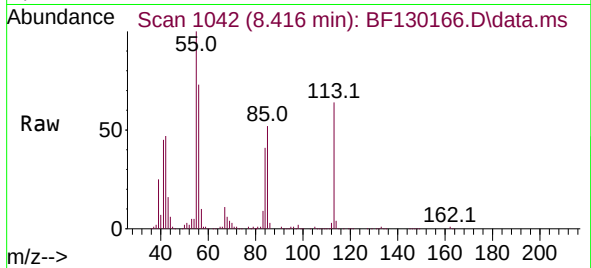
Tgt Ion:225 Resp: 276523
Ion Ratio Lower Upper
225 100
223 64.2 50.2 75.2
227 62.5 50.6 75.8





#35
 Caprolactam
 Concen: 32.886 ng
 RT: 8.416 min Scan# 1042
 Delta R.T. -0.024 min
 Lab File: BF130166.D
 Acq: 07 Sep 2022 17:20

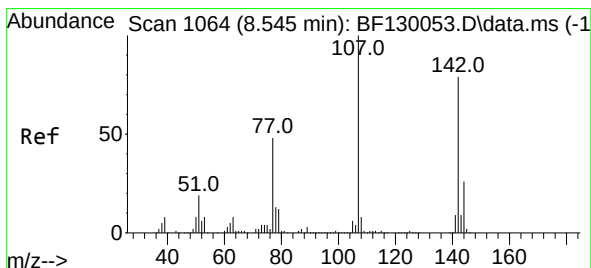
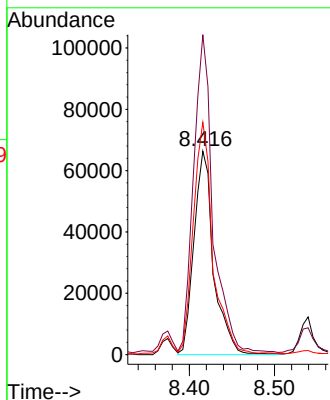
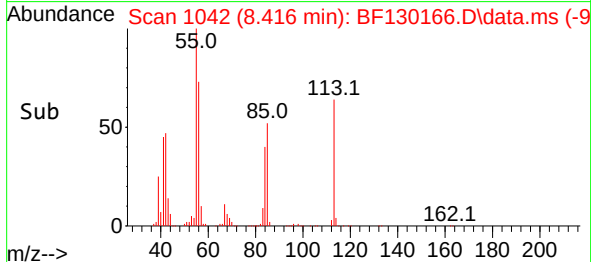
Instrument :
 BNA_F
 ClientSampleId :
 WC-14-A-SPMSD



Tgt Ion:113 Resp: 10615
 Ion Ratio Lower Upper
 113 100
 55 157.2 148.8 188.8
 56 114.1 109.1 149.1

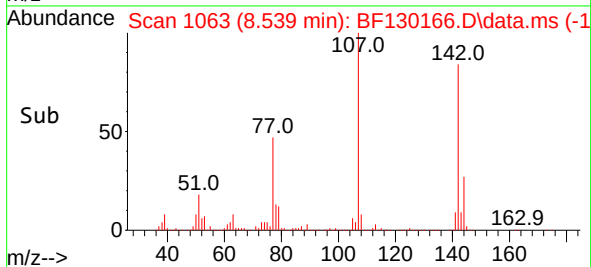
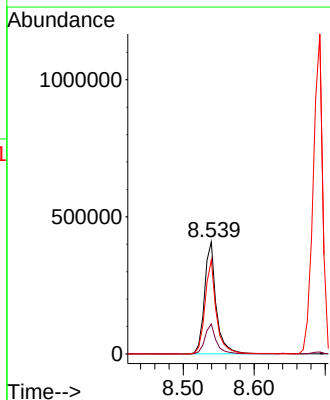
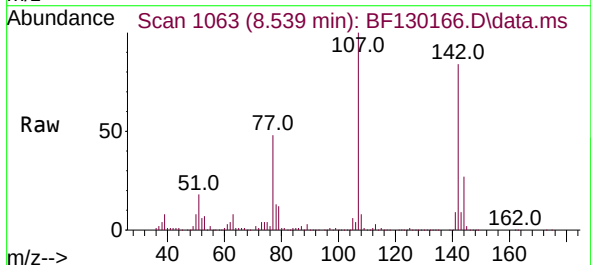
Manual Integrations
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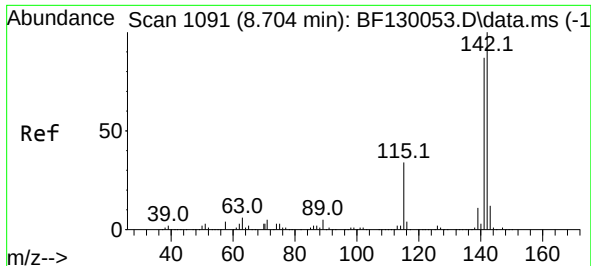
Reviewed By :Christian Giraldo 09/08/2022
 Supervised By :Jagrut Upadhyay 09/08/2022



#36
 4-Chloro-3-methylphenol
 Concen: 43.577 ng
 RT: 8.539 min Scan# 1063
 Delta R.T. 0.006 min
 Lab File: BF130166.D
 Acq: 07 Sep 2022 17:20

Tgt Ion:107 Resp: 459316
 Ion Ratio Lower Upper
 107 100
 144 26.6 19.9 29.9
 142 83.9 60.2 90.4





#37

2-Methylnaphthalene

Concen: 44.703 ng

RT: 8.692 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

Instrument :

BNA_F

ClientSampleId :

WC-14-A-SPMSD

Tgt Ion:142 Resp: 107021

Ion Ratio Lower Upper

142 100

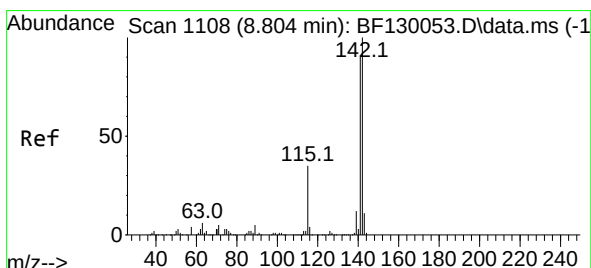
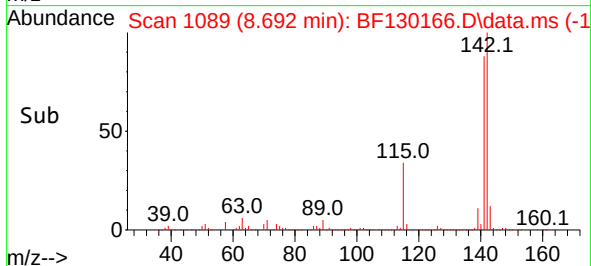
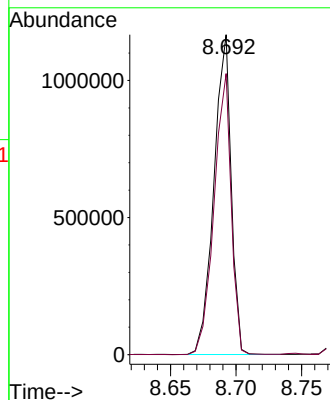
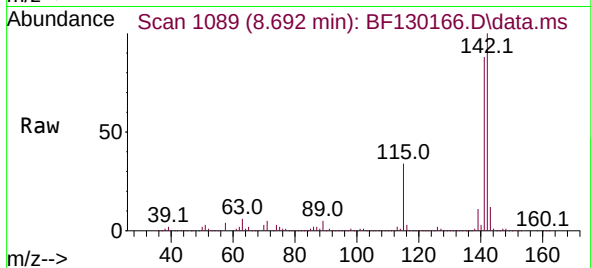
141 87.8 70.9 106.3

Manual Integrations

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Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#38

1-Methylnaphthalene

Concen: 43.793 ng

RT: 8.792 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF130166.D

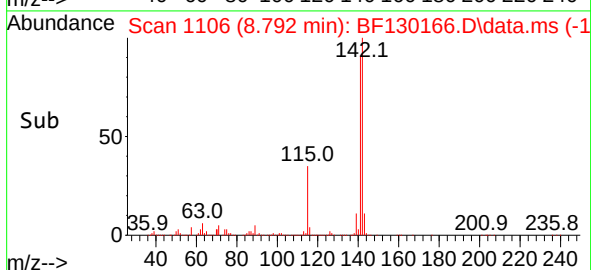
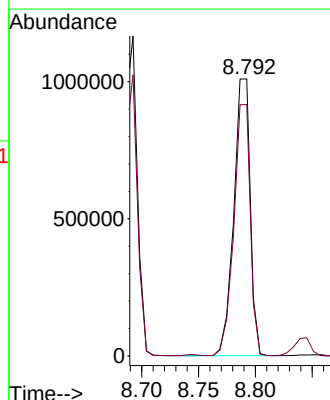
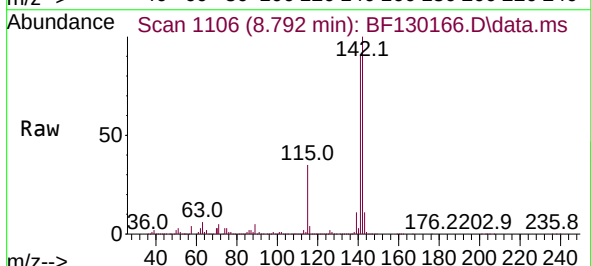
Acq: 07 Sep 2022 17:20

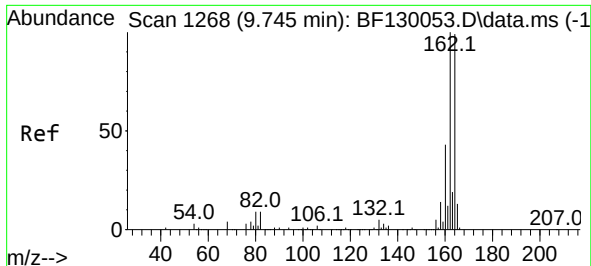
Tgt Ion:142 Resp: 1019068

Ion Ratio Lower Upper

142 100

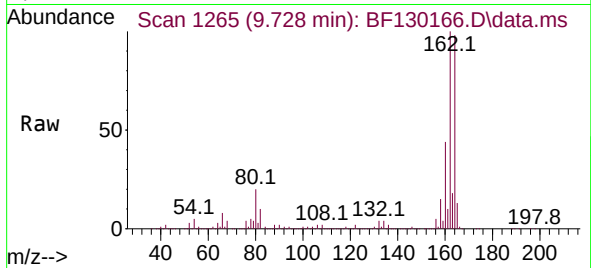
141 90.8 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.728 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

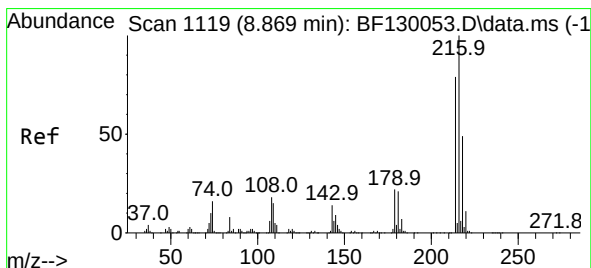
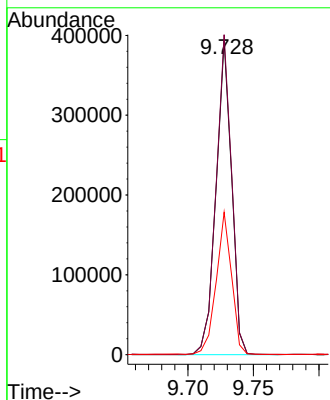
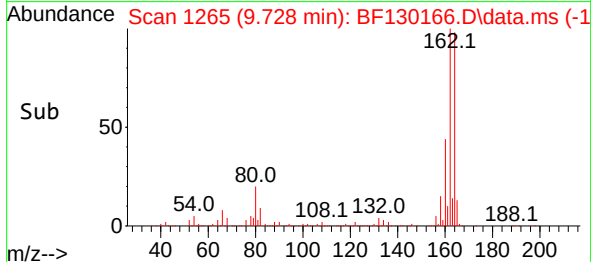
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



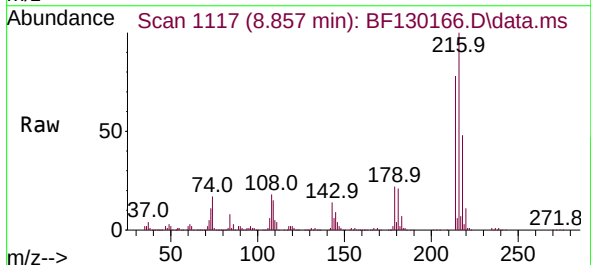
Tgt Ion:164 Resp: 326229
Ion Ratio Lower Upper
164 100
162 101.9 82.0 123.0
160 45.3 35.4 53.0

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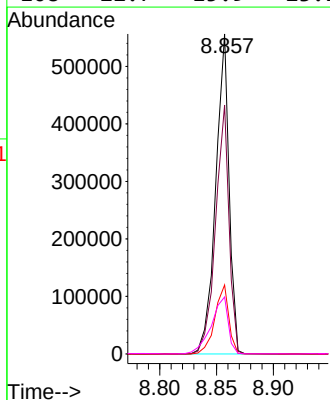
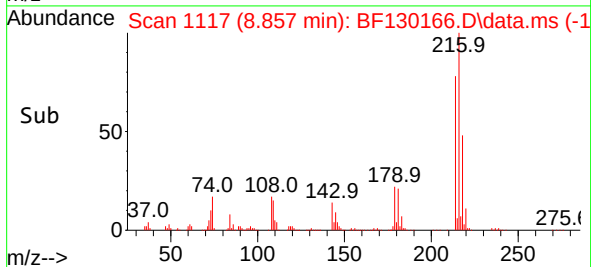
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

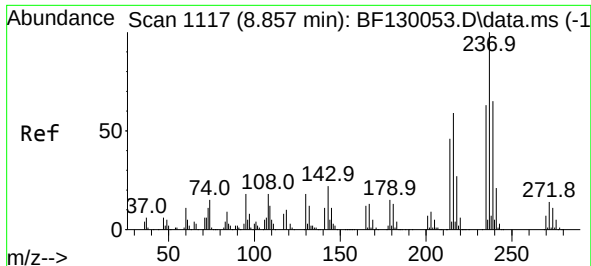


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.619 ng
RT: 8.857 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20



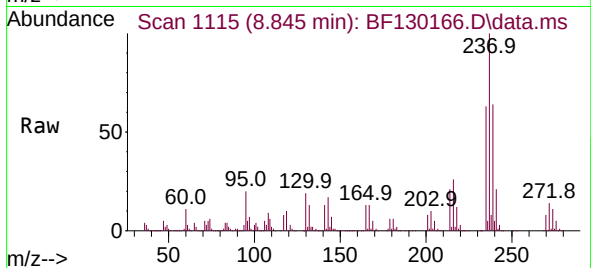
Tgt Ion:216 Resp: 456129
Ion Ratio Lower Upper
216 100
214 78.1 63.1 94.7
179 22.2 18.1 27.1
108 22.7 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 109.965 ng
RT: 8.845 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

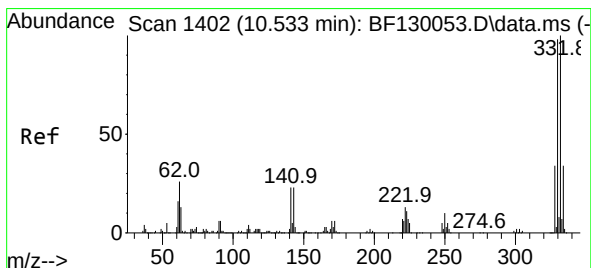
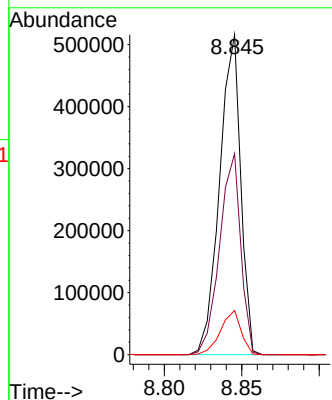
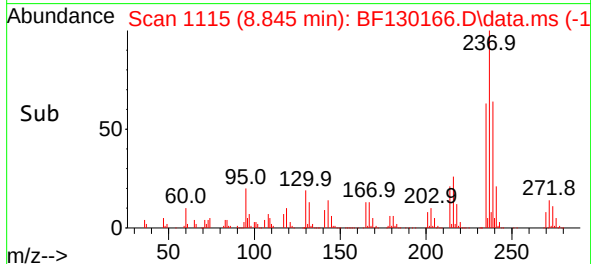
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



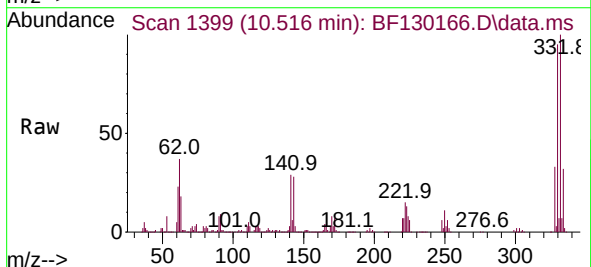
Tgt Ion:237 Resp: 488874
Ion Ratio Lower Upper
237 100
235 62.8 41.5 81.5
272 13.8 0.0 33.3

Manual Integrations
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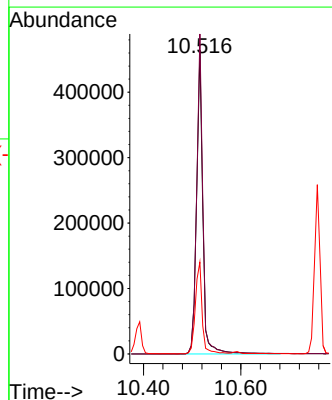
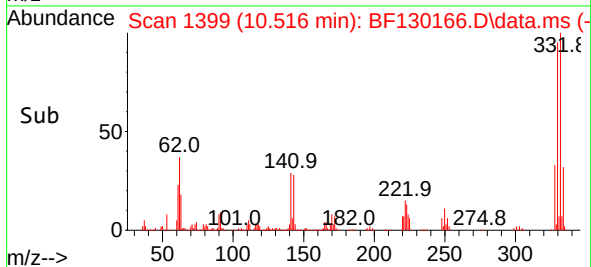
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

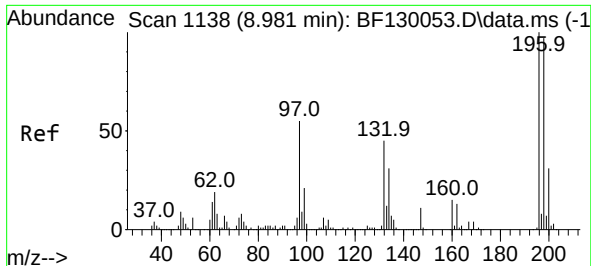


#42
2,4,6-Tribromophenol
Concen: 138.195 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20



Tgt Ion:330 Resp: 410382
Ion Ratio Lower Upper
330 100
332 104.5 82.6 124.0
141 33.1 27.6 41.4





#43

2,4,6-Trichlorophenol

Concen: 49.217 ng

RT: 8.969 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

Instrument :

BNA_F

ClientSampleId :

WC-14-A-SPMSD

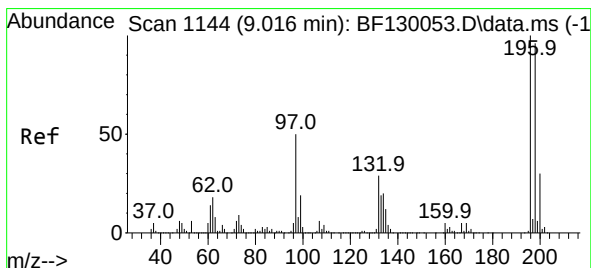
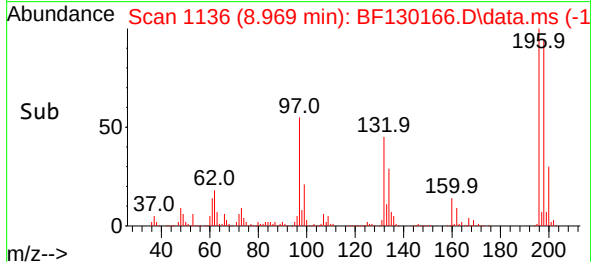
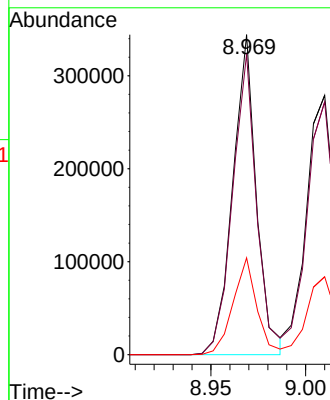
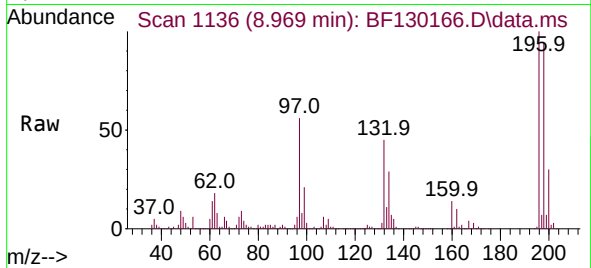
Tgt Ion:196 Resp: 298849
 Ion Ratio Lower Upper
 196 100
 198 94.0 79.0 118.4
 200 30.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#44

2,4,5-Trichlorophenol

Concen: 47.267 ng

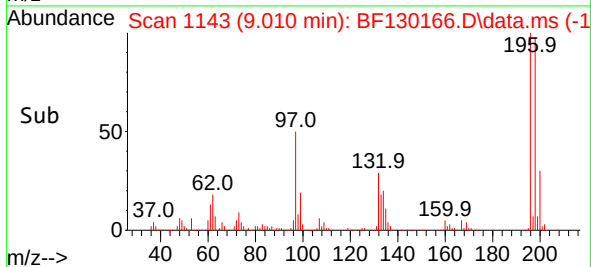
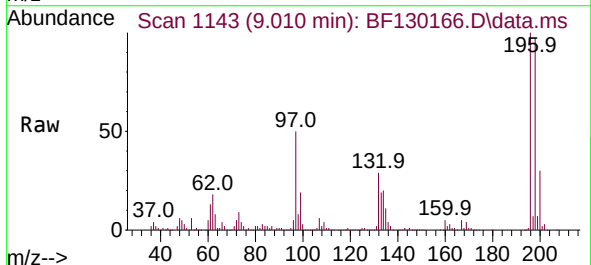
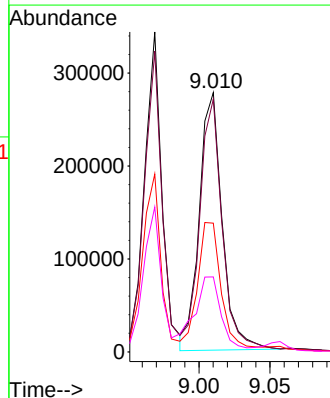
RT: 9.010 min Scan# 1143

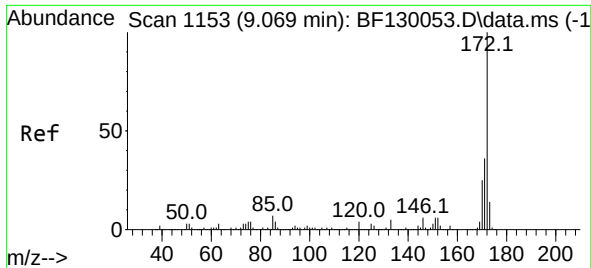
Delta R.T. 0.006 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

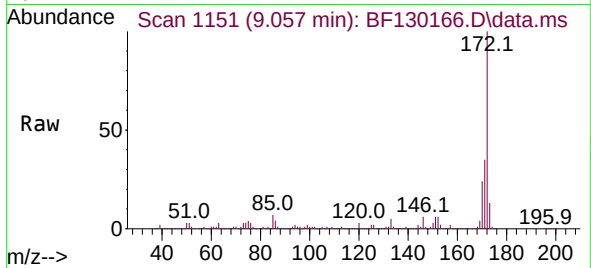
Tgt Ion:196 Resp: 311084
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.4 114.6
 97 49.6 46.5 69.7
 132 28.9 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 98.914 ng
RT: 9.057 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

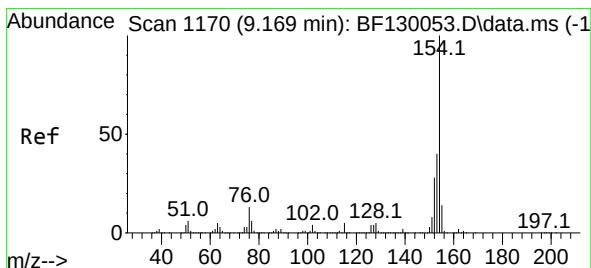
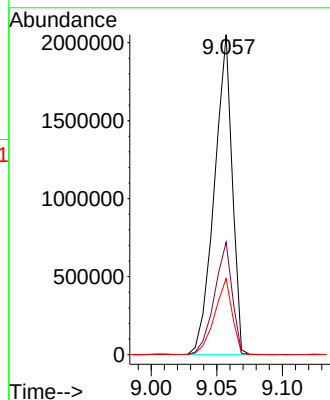
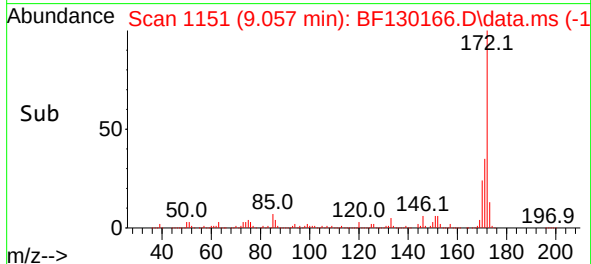
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



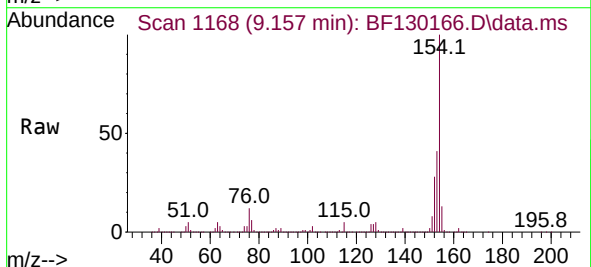
Tgt Ion:172 Resp: 1946285
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.8 19.1 28.7

Manual Integrations
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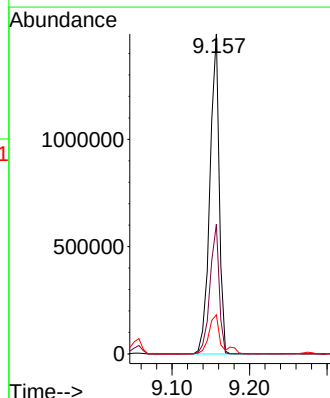
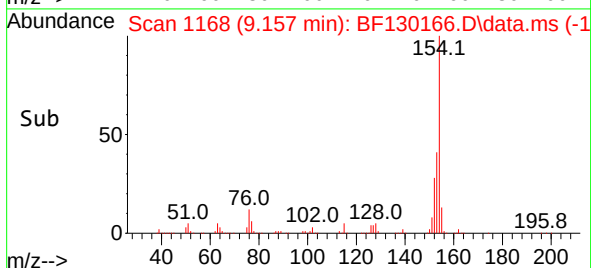
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

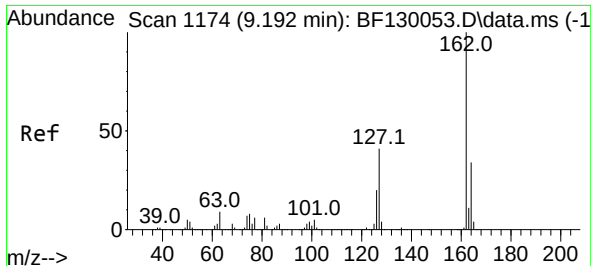


#46
1,1'-Biphenyl
Concen: 52.336 ng
RT: 9.157 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20



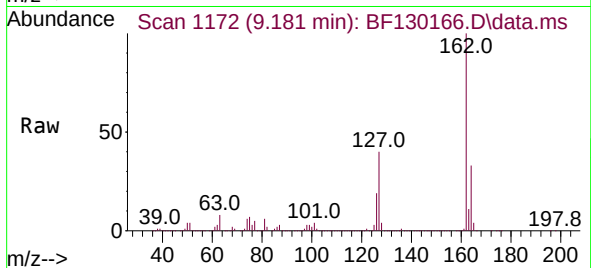
Tgt Ion:154 Resp: 1240390
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 12.2 0.0 32.1





#47
2-Chloronaphthalene
Concen: 51.568 ng
RT: 9.181 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

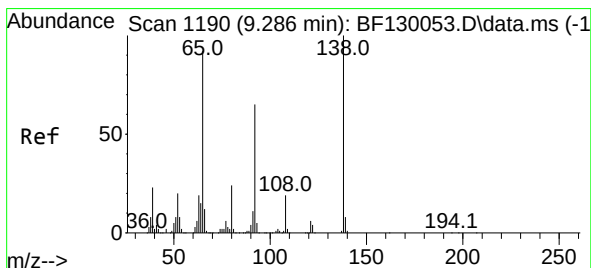
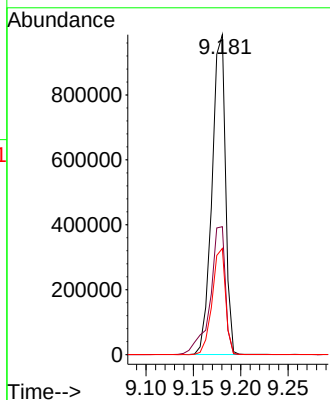
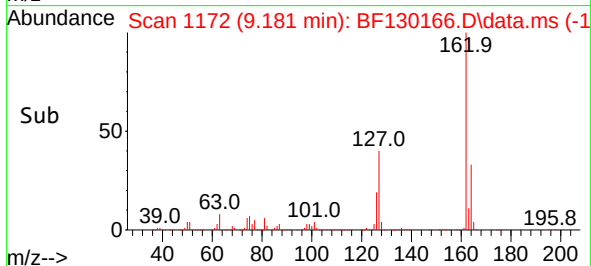
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



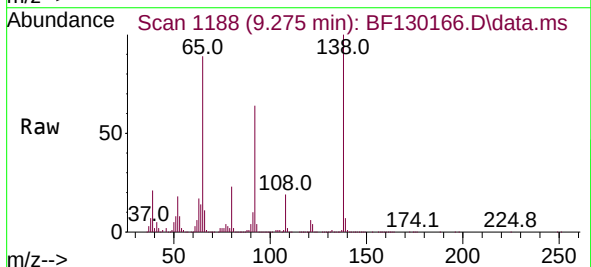
Tgt Ion:162 Resp: 979273
Ion Ratio Lower Upper
162 100
127 40.0 33.1 49.7
164 33.2 26.7 40.1

Manual Integrations
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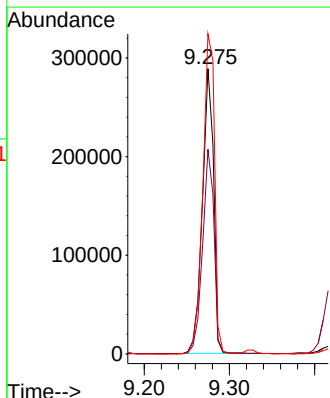
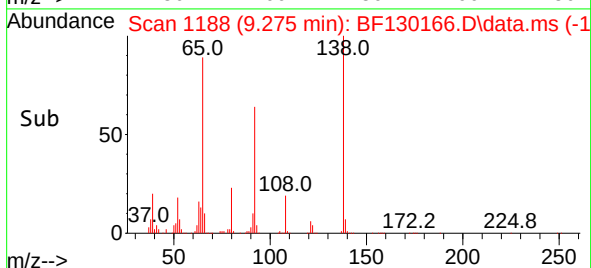
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

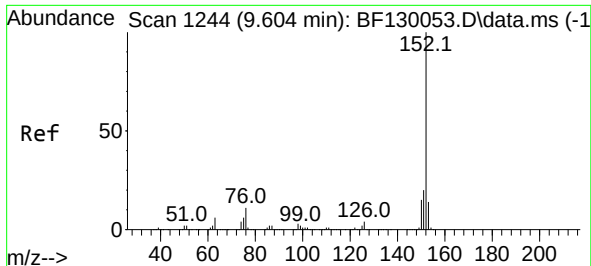


#48
2-Nitroaniline
Concen: 56.645 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20



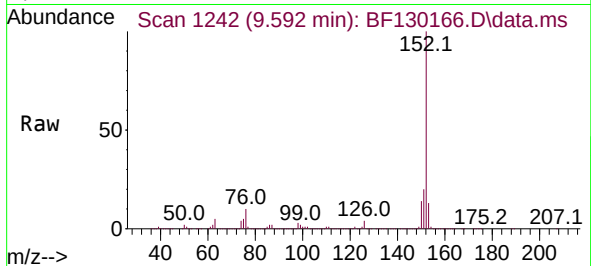
Tgt Ion: 65 Resp: 265076
Ion Ratio Lower Upper
65 100
92 71.7 55.0 82.4
138 112.2 81.3 121.9





#49
Acenaphthylene
Concen: 49.767 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

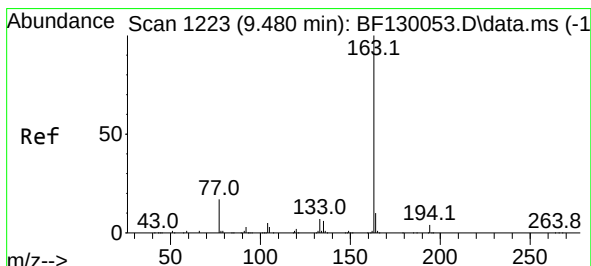
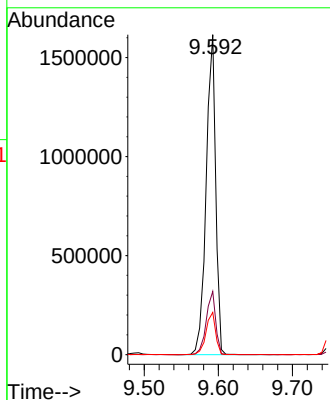
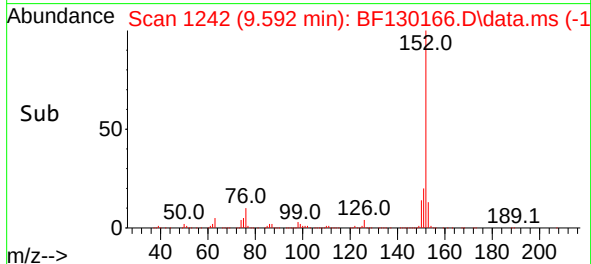
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



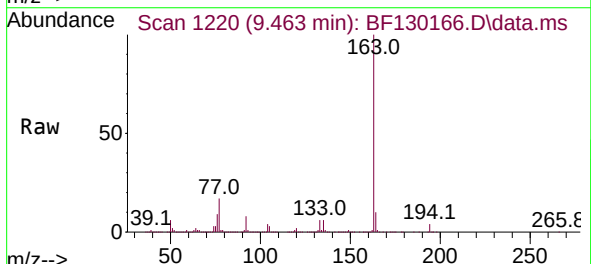
Tgt Ion:152 Resp: 143511
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.2 10.6 16.0

Manual Integrations
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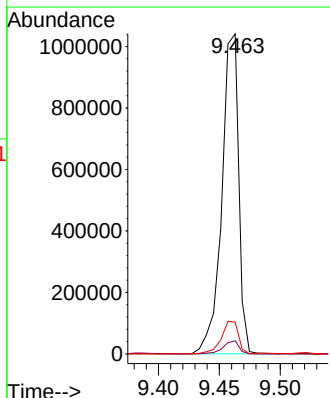
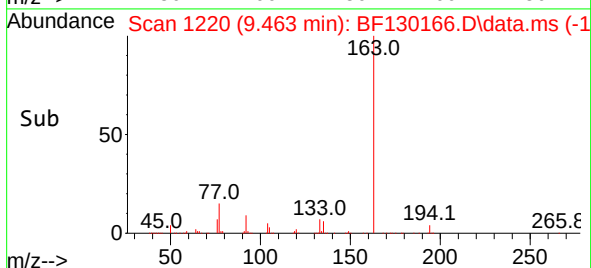
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

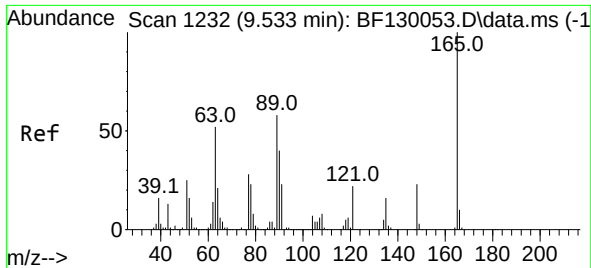


#50
Dimethylphthalate
Concen: 45.284 ng
RT: 9.463 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20



Tgt Ion:163 Resp: 1006217
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 8.2 12.2





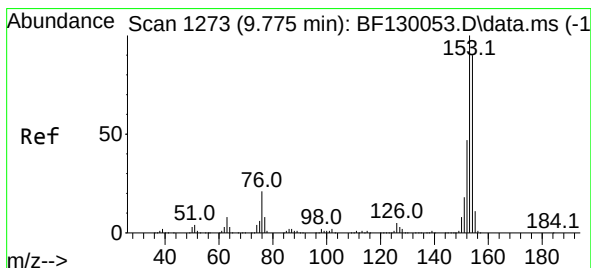
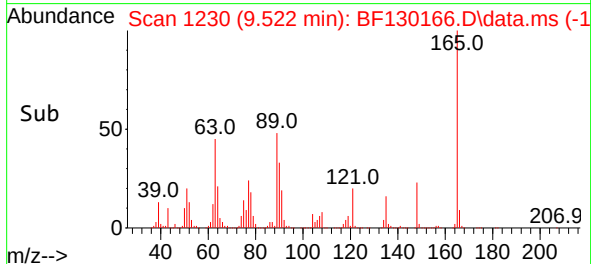
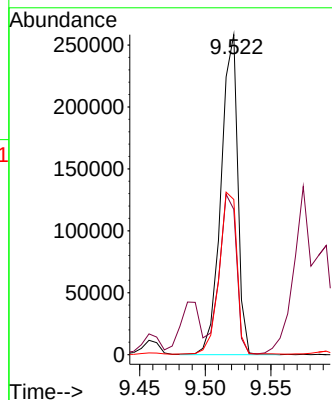
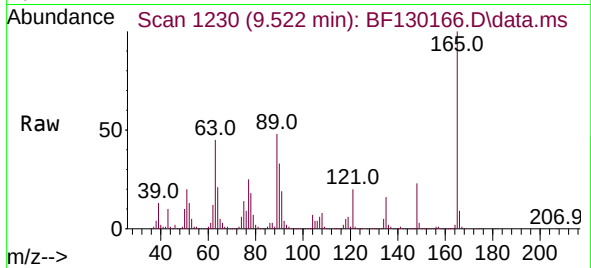
#51
2,6-Dinitrotoluene
Concen: 53.139 ng
RT: 9.522 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD

Tgt Ion:165 Resp: 230212
Ion Ratio Lower Upper
165 100
63 45.4 47.8 71.8
89 48.5 47.2 70.8

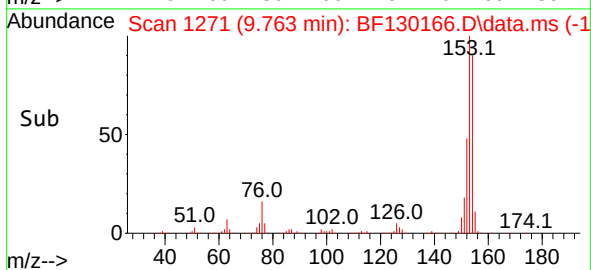
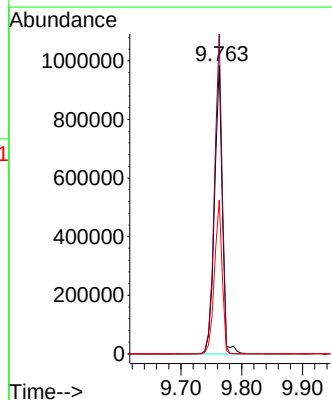
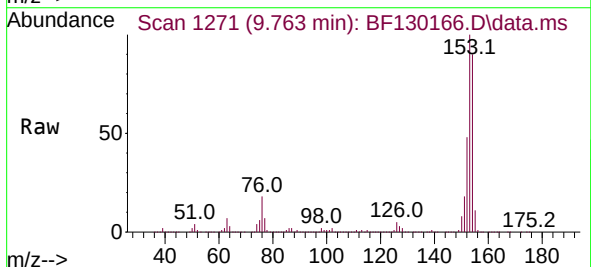
Manual Integrations
APPROVED

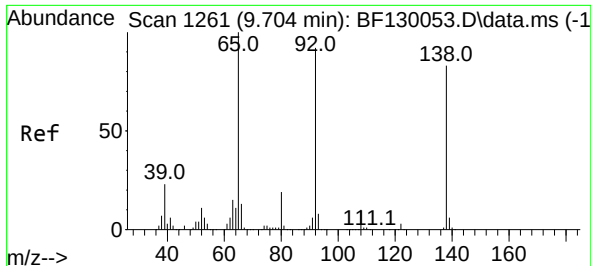
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#52
Acenaphthene
Concen: 48.711 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

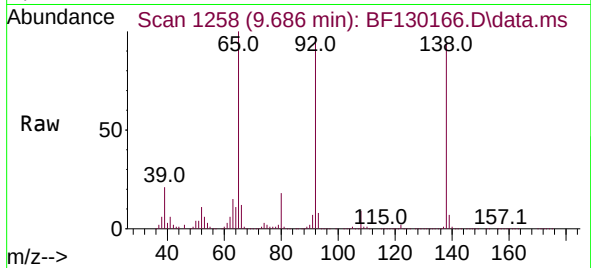
Tgt Ion:154 Resp: 885261
Ion Ratio Lower Upper
154 100
153 111.0 89.8 134.6
152 53.4 42.1 63.1





#53
3-Nitroaniline
Concen: 32.251 ng
RT: 9.686 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

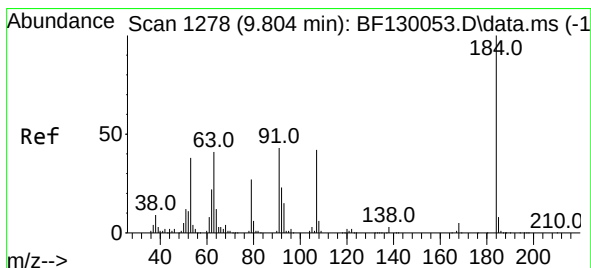
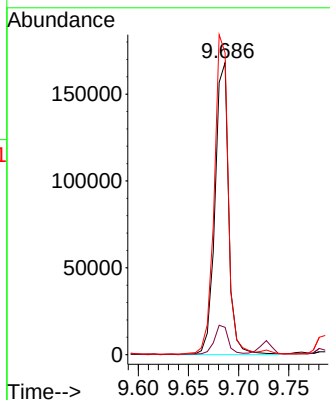
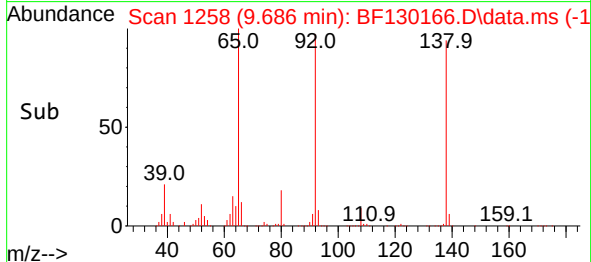
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



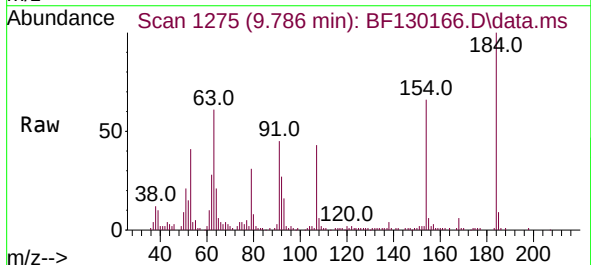
Tgt Ion:138 Resp: 160368
Ion Ratio Lower Upper
138 100
108 9.4 8.4 12.6
92 103.4 89.8 134.8

Manual Integrations
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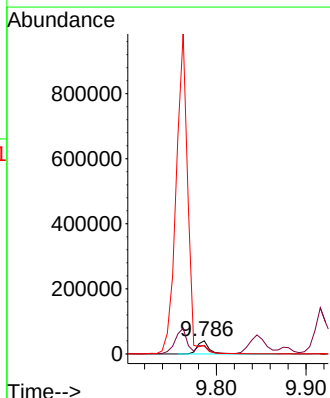
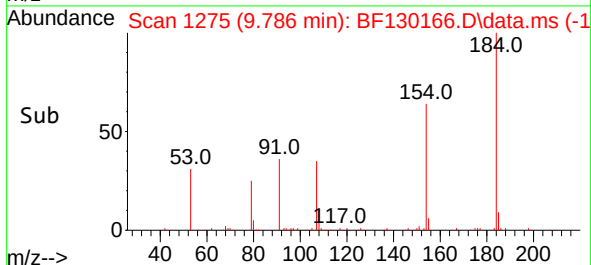
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

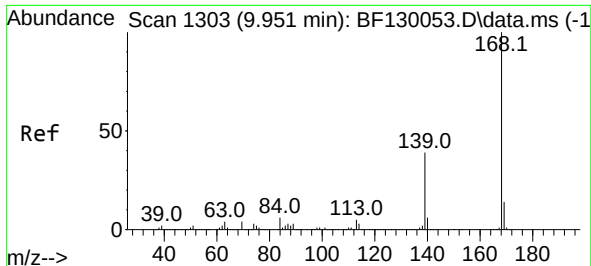


#54
2,4-Dinitrophenol
Concen: 24.555 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20



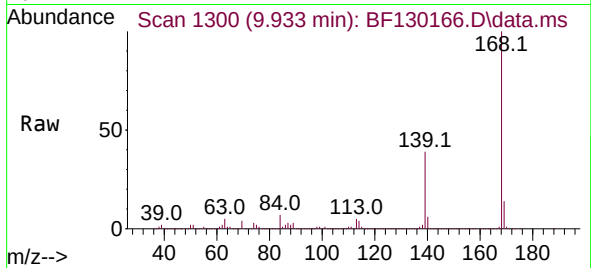
Tgt Ion:184 Resp: 36024
Ion Ratio Lower Upper
184 100
63 60.9 59.6 89.4
154 65.8 55.3 82.9





#55
Dibenzenofuran
Concen: 48.634 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

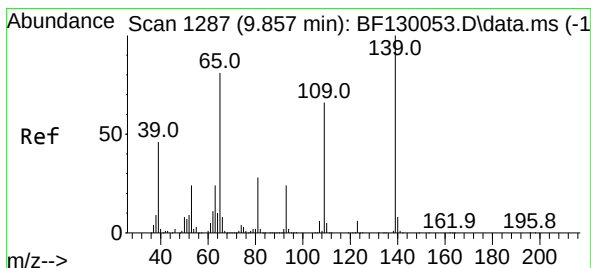
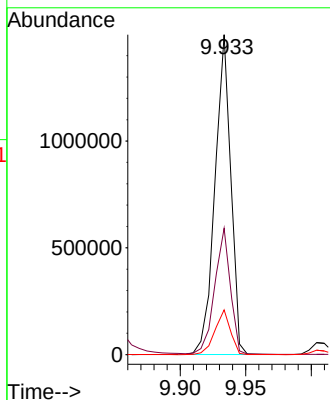
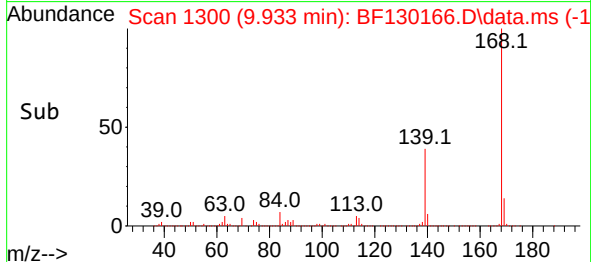
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



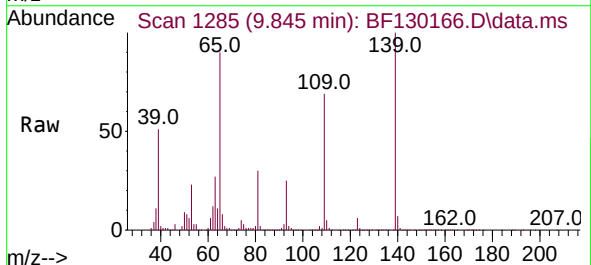
Tgt Ion:168 Resp: 1265617
Ion Ratio Lower Upper
168 100
139 39.5 31.3 46.9
169 14.0 10.7 16.1

Manual Integrations
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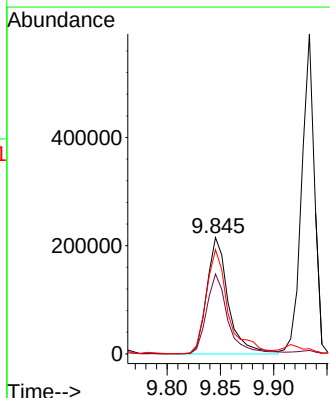
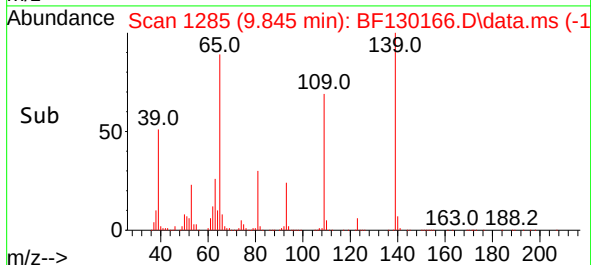
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

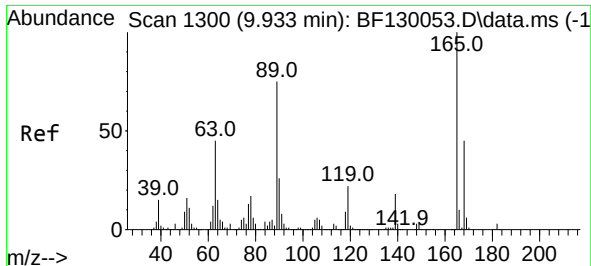


#56
4-Nitrophenol
Concen: 78.392 ng
RT: 9.845 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20



Tgt Ion:139 Resp: 300527
Ion Ratio Lower Upper
139 100
109 68.7 52.9 92.9
65 89.6 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 55.807 ng

RT: 9.916 min Scan# 1300

Delta R.T. -0.006 min

Lab File: BF130166.D

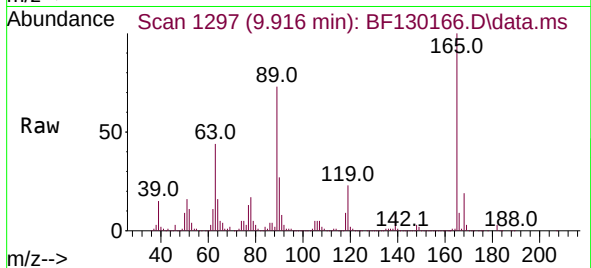
Acq: 07 Sep 2022 17:20

Instrument :

BNA_F

ClientSampleId :

WC-14-A-SPMSD



Tgt Ion:165 Resp: 278354

Ion Ratio Lower Upper

165 100

63 44.2 48.4 72.6

89 73.3 62.3 93.5

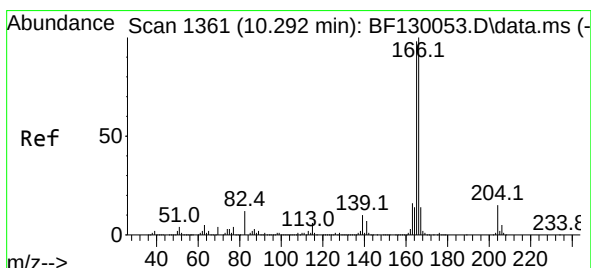
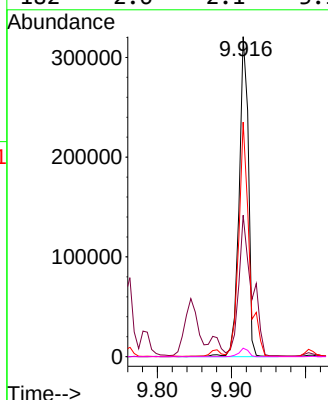
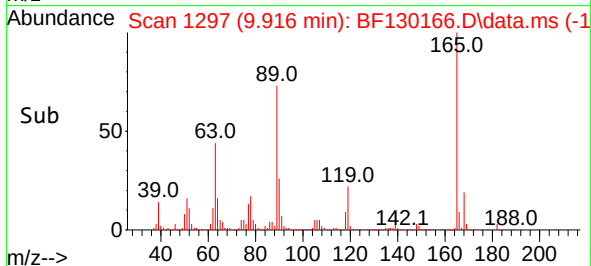
182 2.6 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#58

Fluorene

Concen: 46.411 ng

RT: 10.275 min Scan# 1358

Delta R.T. -0.006 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

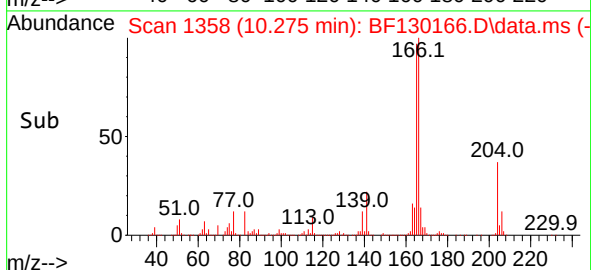
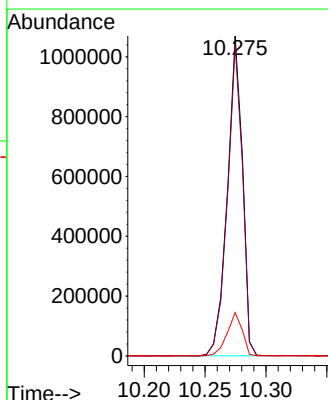
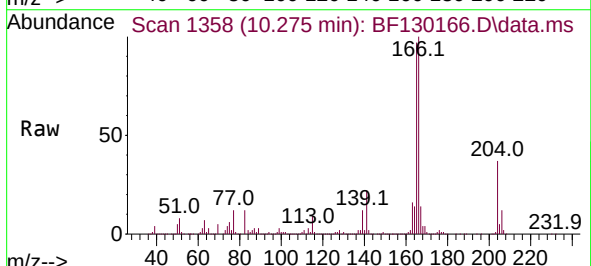
Tgt Ion:166 Resp: 918986

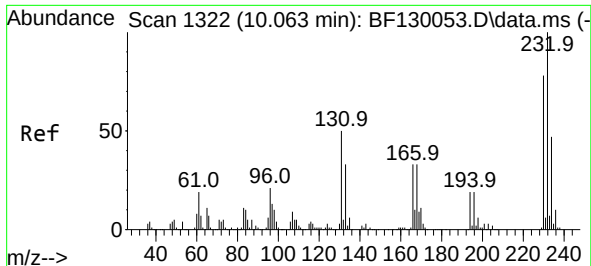
Ion Ratio Lower Upper

166 100

165 97.0 77.9 116.9

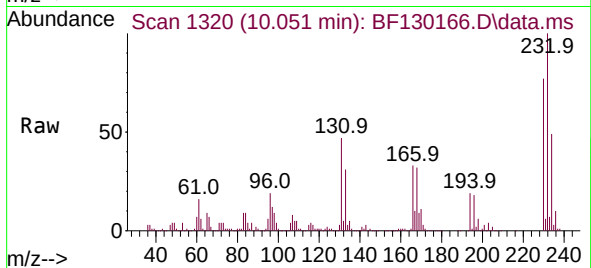
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.036 ng
RT: 10.051 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

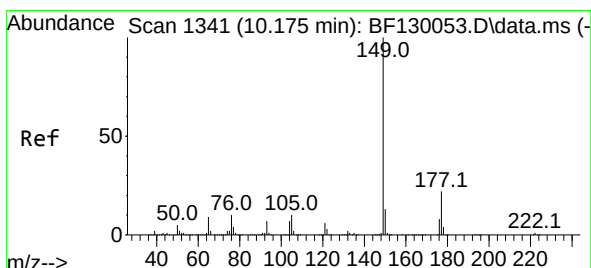
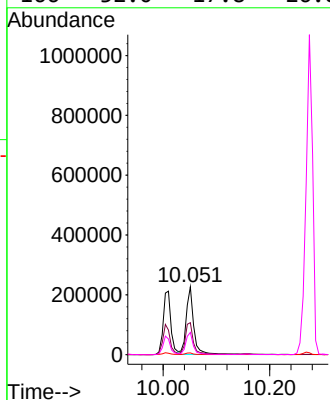
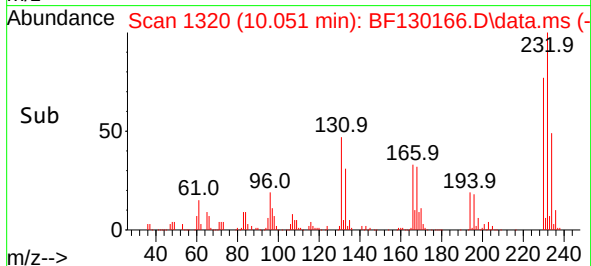
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



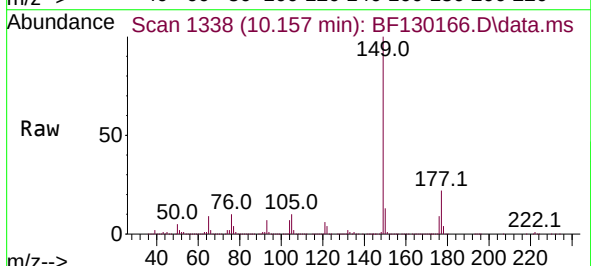
Tgt Ion:232 Resp: 225104
Ion Ratio Lower Upper
232 100
131 50.2 29.9 44.9
130 2.4 1.5 2.3
166 32.0 17.8 26.8

Manual Integrations
APPROVED

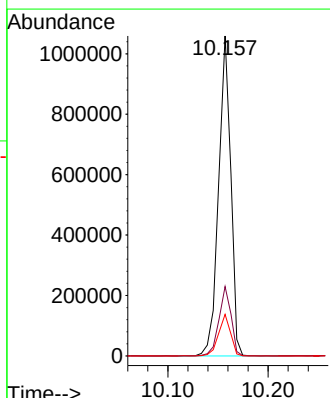
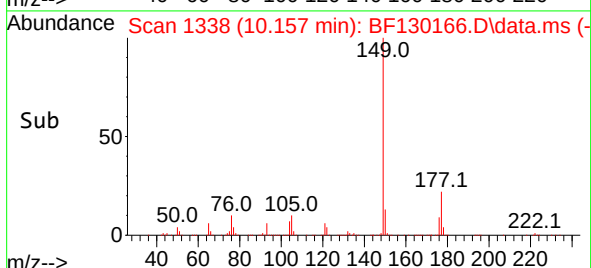
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

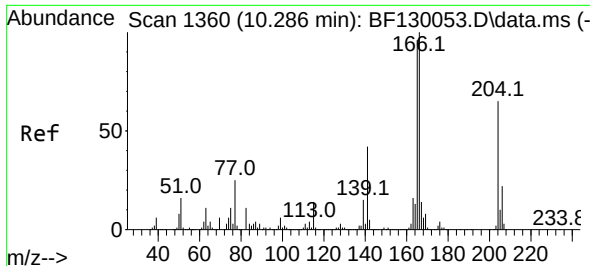


#60
Diethylphthalate
Concen: 41.474 ng
RT: 10.157 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20



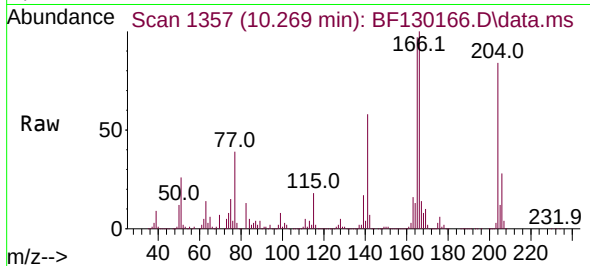
Tgt Ion:149 Resp: 891537
Ion Ratio Lower Upper
149 100
177 21.7 17.7 26.5
150 13.0 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.393 ng
RT: 10.269 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

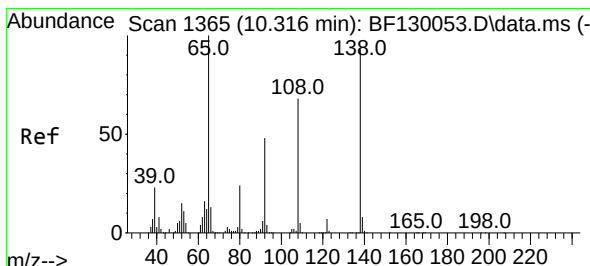
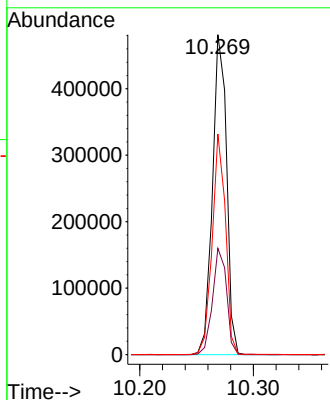
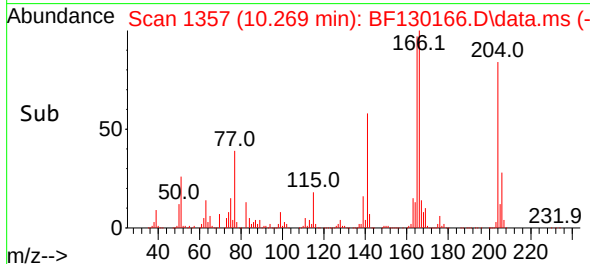
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



Tgt Ion:204 Resp: 414833
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 68.9 52.6 79.0

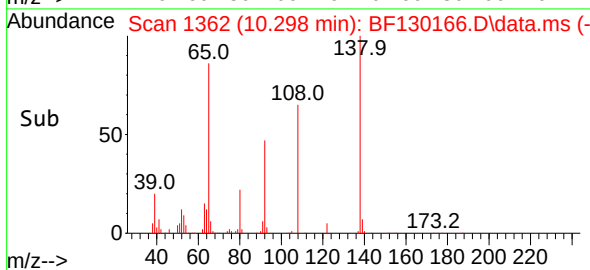
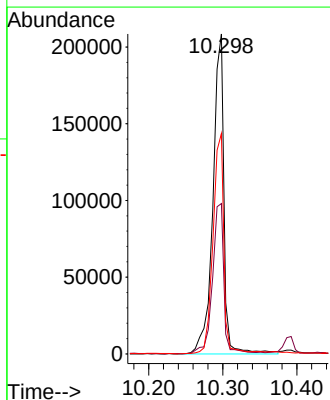
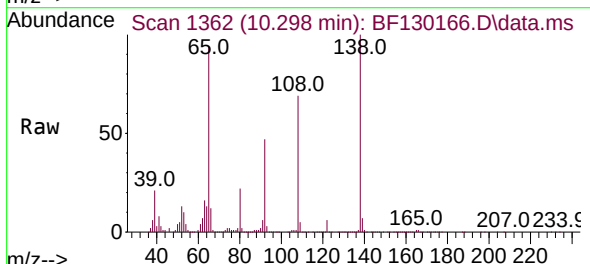
Manual Integrations
APPROVED

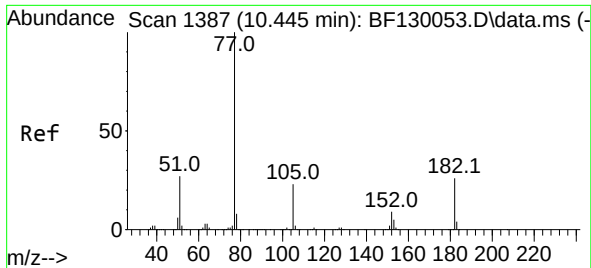
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#62
4-Nitroaniline
Concen: 44.889 ng
RT: 10.298 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

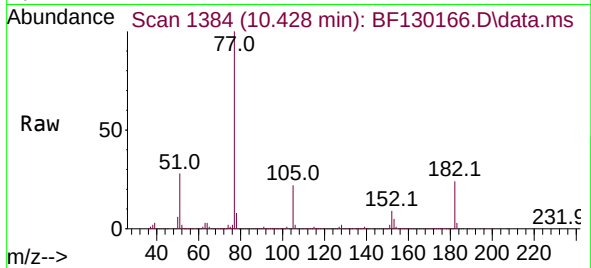
Tgt Ion:138 Resp: 217082
Ion Ratio Lower Upper
138 100
92 47.0 30.3 70.3
108 68.8 55.7 95.7





#63
Azobenzene
Concen: 43.470 ng
RT: 10.428 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

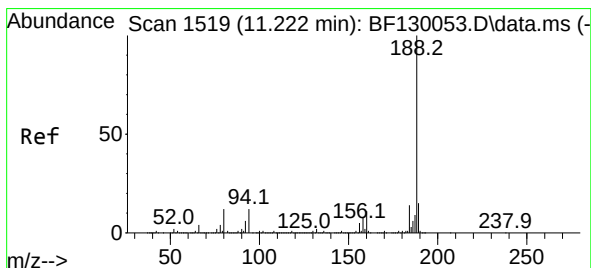
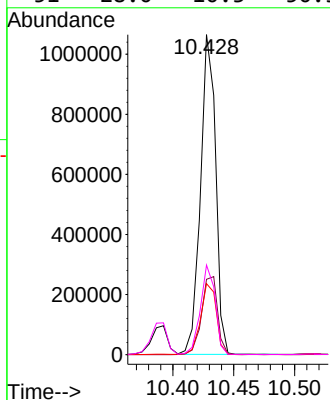
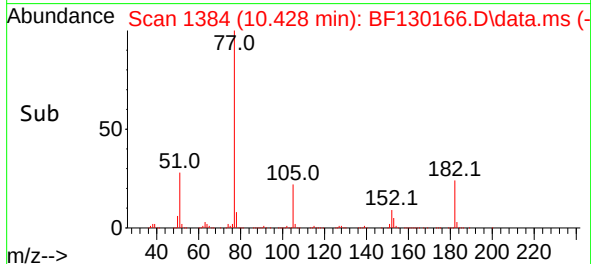
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



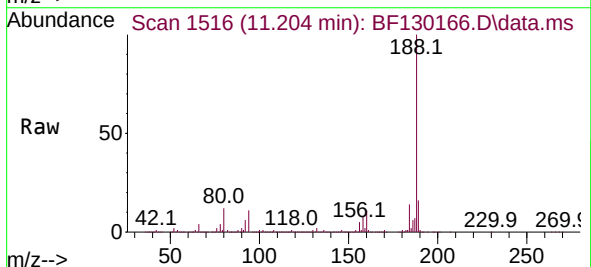
Tgt Ion: 77 Resp: 92053
Ion Ratio Lower Upper
77 100
182 23.5 2.2 42.2
105 22.2 0.8 40.8
51 28.0 10.3 50.3

Manual Integrations
APPROVED

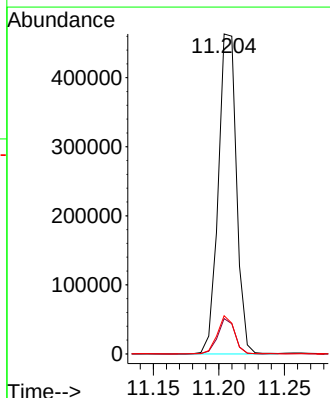
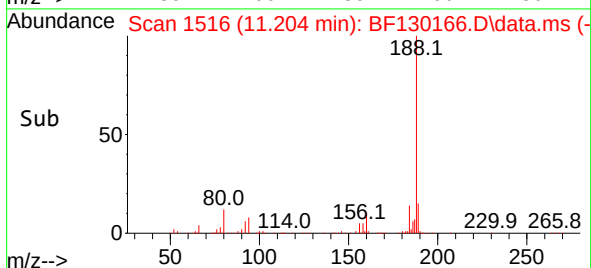
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

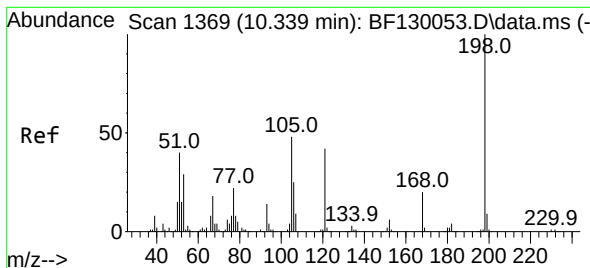


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20



Tgt Ion:188 Resp: 448584
Ion Ratio Lower Upper
188 100
94 11.0 7.4 11.2
80 11.9 7.9 11.9





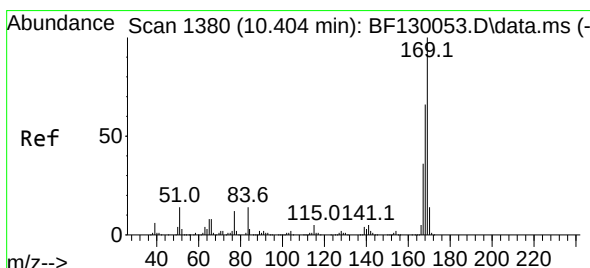
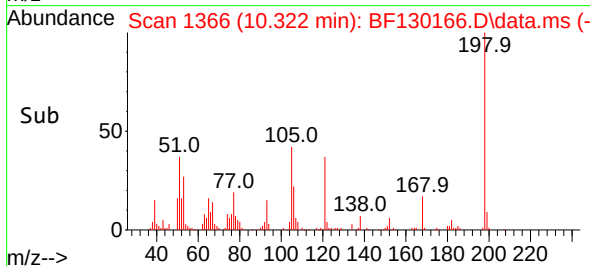
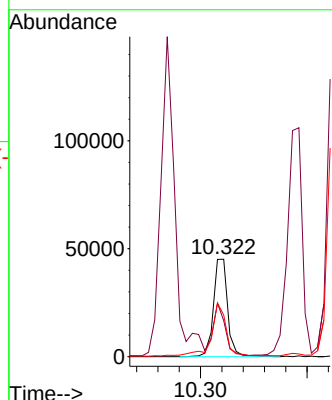
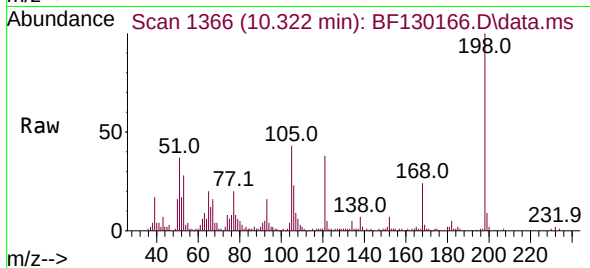
#65
4,6-Dinitro-2-methylphenol
Concen: 23.293 ng
RT: 10.322 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD

Tgt Ion:198 Resp: 41624
Ion Ratio Lower Upper
198 100
51 36.9 29.4 69.4
105 42.6 29.2 69.2

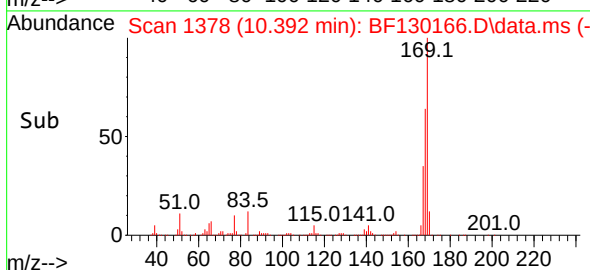
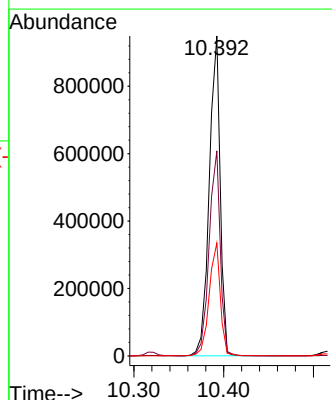
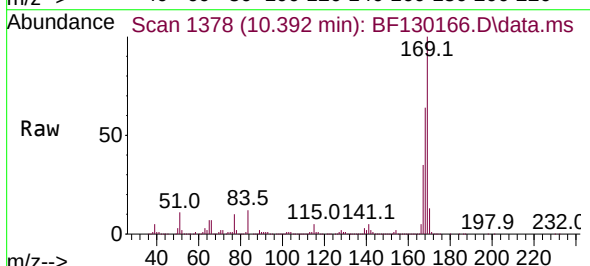
Manual Integrations
APPROVED

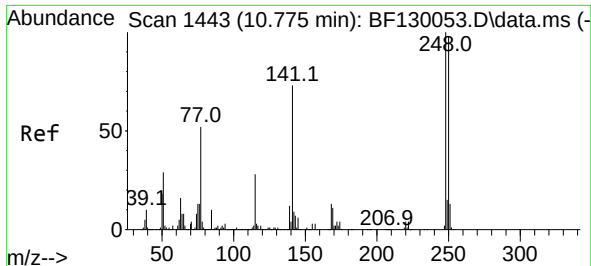
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#66
n-Nitrosodiphenylamine
Concen: 53.613 ng
RT: 10.392 min Scan# 1378
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

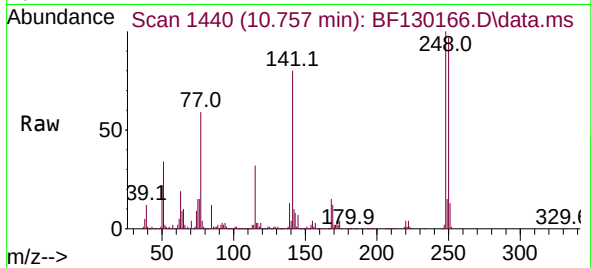
Tgt Ion:169 Resp: 803971
Ion Ratio Lower Upper
169 100
168 64.1 53.4 80.2
167 35.3 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 53.327 ng
RT: 10.757 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

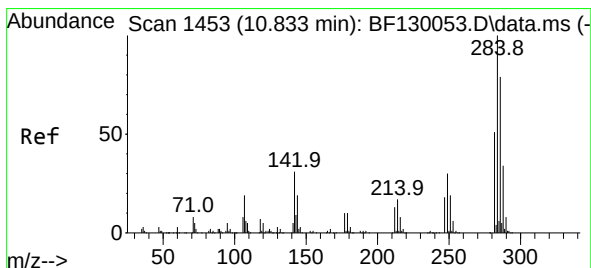
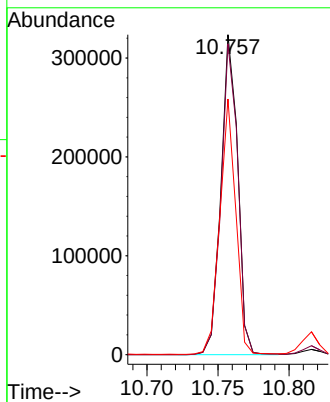
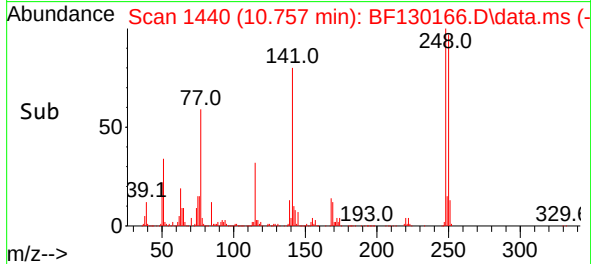
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



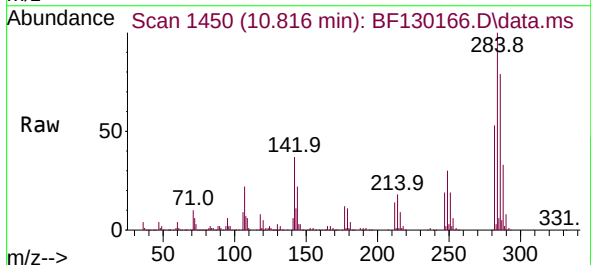
Tgt Ion:248 Resp: 266082
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.6
141 79.9 66.2 99.2

Manual Integrations
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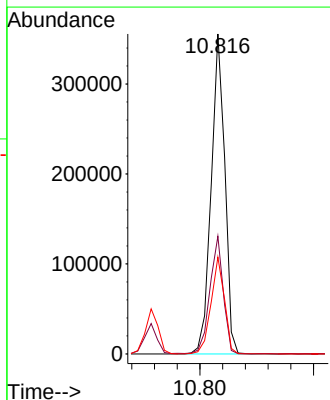
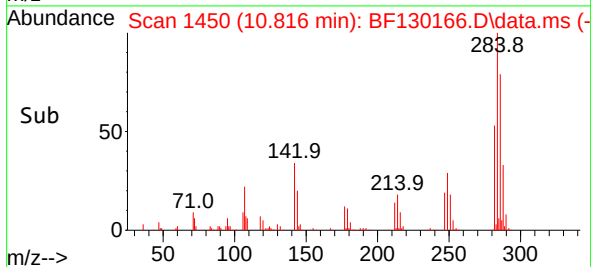
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

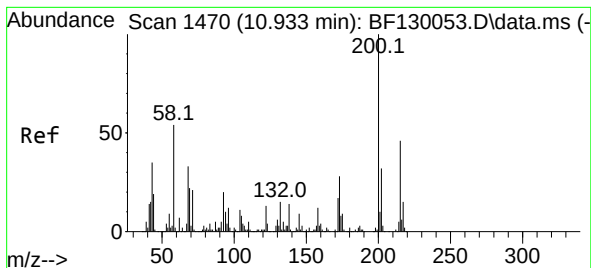


#68
Hexachlorobenzene
Concen: 54.561 ng
RT: 10.816 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20



Tgt Ion:284 Resp: 296636
Ion Ratio Lower Upper
284 100
142 36.8 31.4 47.0
249 30.2 25.7 38.5





#69

Atrazine

Concen: 52.437 ng

RT: 10.916 min Scan# 1467

Delta R.T. -0.012 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

Instrument :

BNA_F

ClientSampleId :

WC-14-A-SPMSD

Tgt Ion:200 Resp: 222456

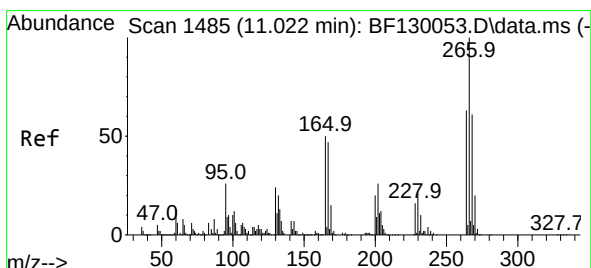
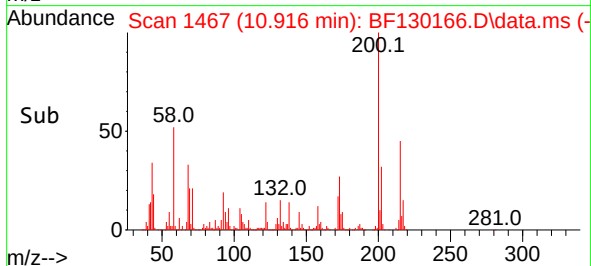
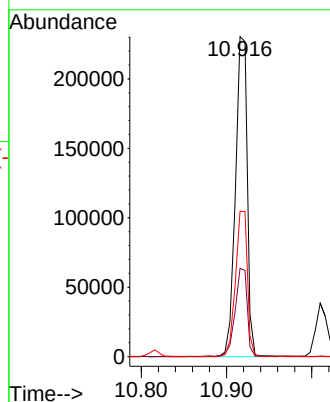
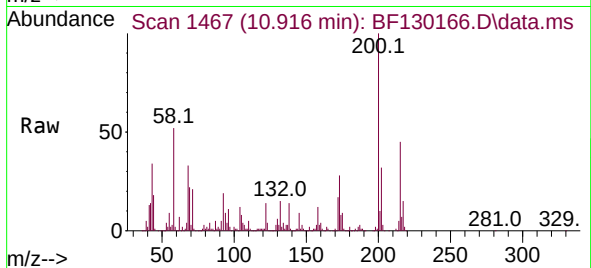
Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.4	46.4
215	45.4	27.1	67.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#70

Pentachlorophenol

Concen: 72.866 ng

RT: 11.010 min Scan# 1483

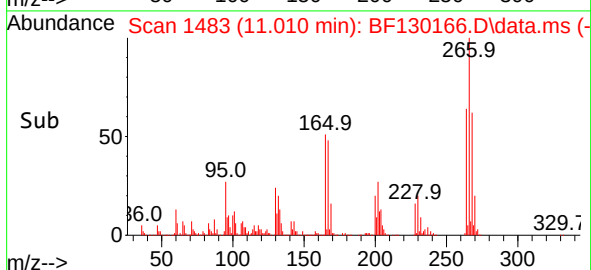
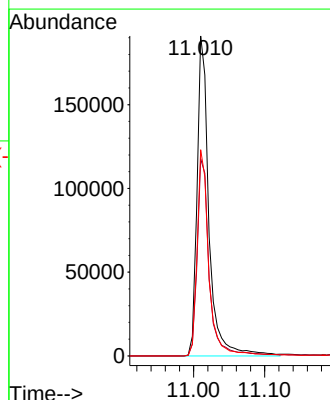
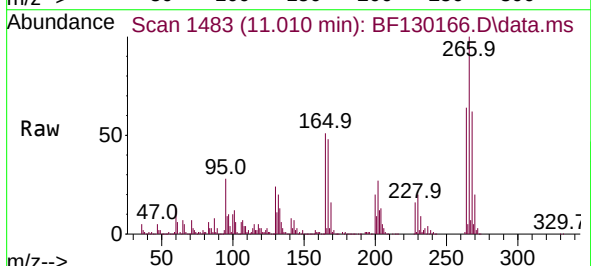
Delta R.T. -0.006 min

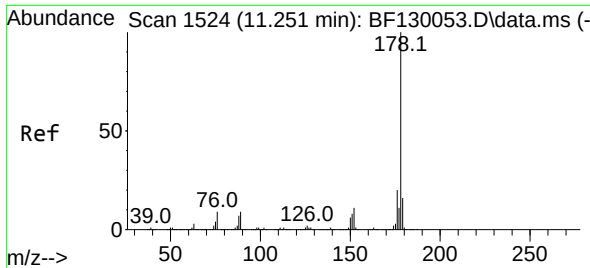
Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

Tgt Ion:266 Resp: 221527

Ion	Ratio	Lower	Upper
266	100		
268	61.5	49.0	73.4
264	64.4	47.9	71.9





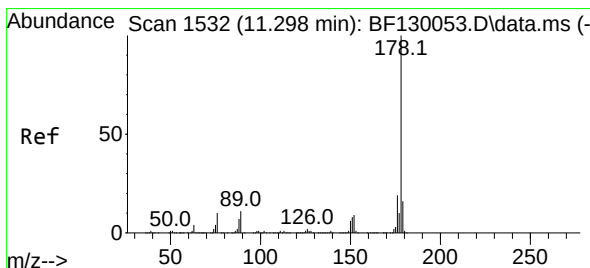
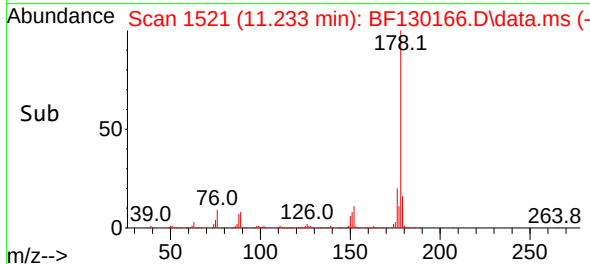
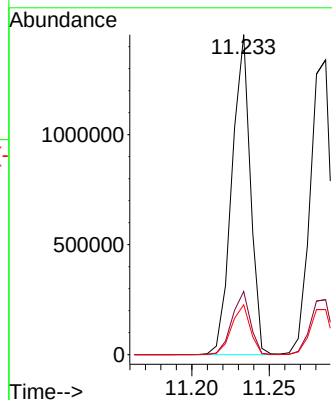
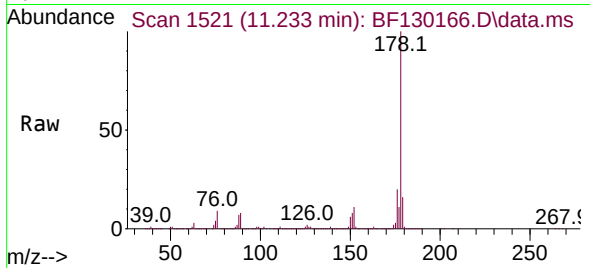
#71
Phenanthrene
Concen: 49.726 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD

Tgt Ion:178 Resp: 1209710
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.6 12.5 18.7

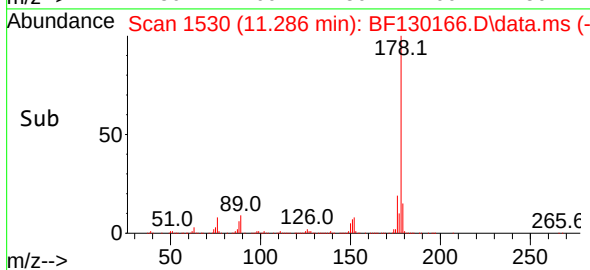
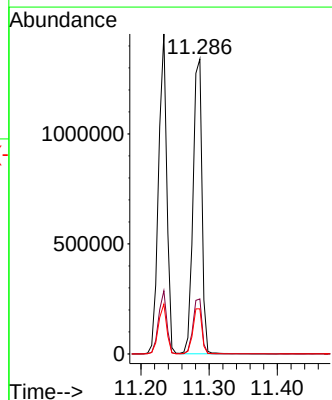
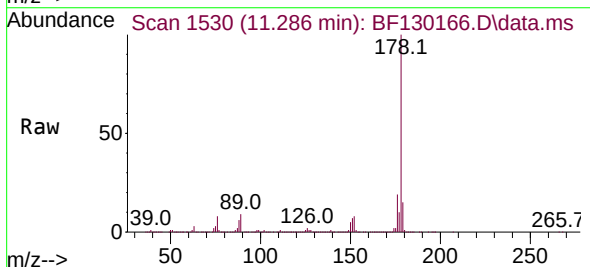
Manual Integrations
APPROVED

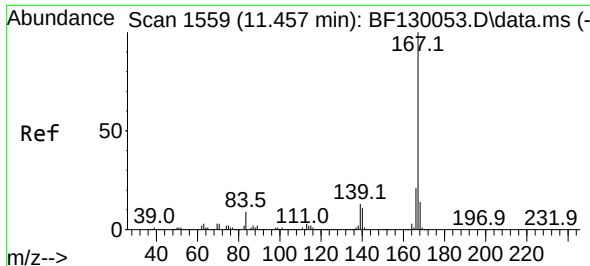
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#72
Anthracene
Concen: 51.204 ng
RT: 11.286 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

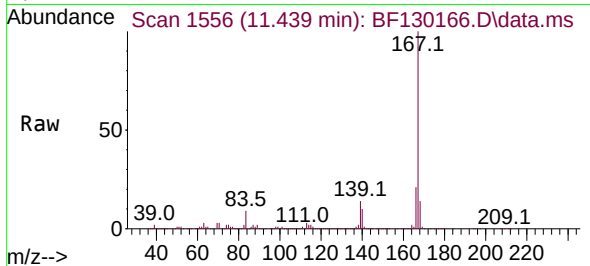
Tgt Ion:178 Resp: 1224540
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.3 12.6 18.8





#73
 Carbazole
 Concen: 49.591 ng
 RT: 11.439 min Scan# 1556
 Delta R.T. -0.006 min
 Lab File: BF130166.D
 Acq: 07 Sep 2022 17:20

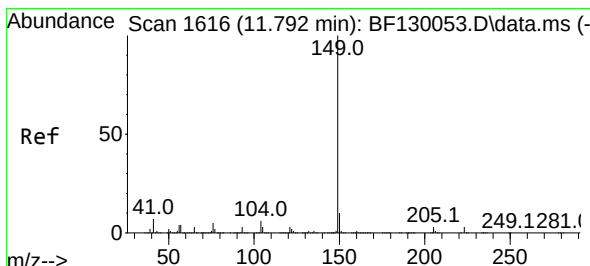
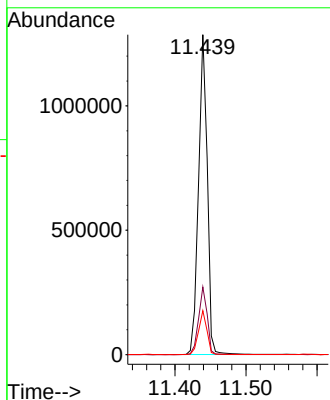
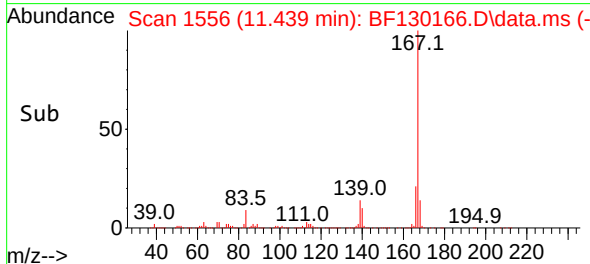
Instrument :
 BNA_F
 ClientSampleId :
 WC-14-A-SPMSD



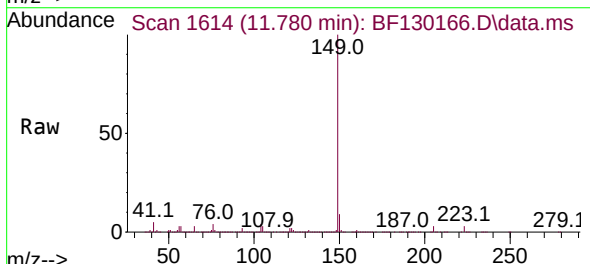
Tgt Ion:167 Resp: 1093636
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 13.7 11.0 16.6

Manual Integrations
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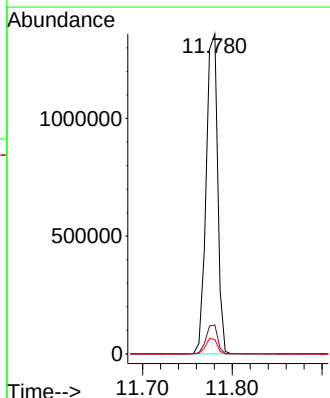
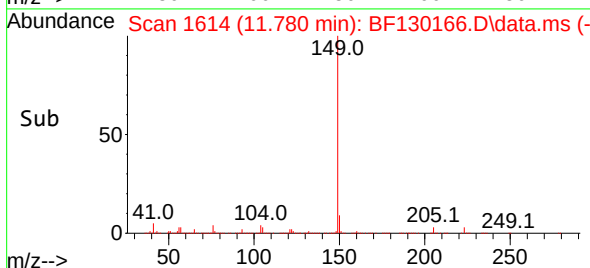
Reviewed By :Christian Giraldo 09/08/2022
 Supervised By :Jagrut Upadhyay 09/08/2022

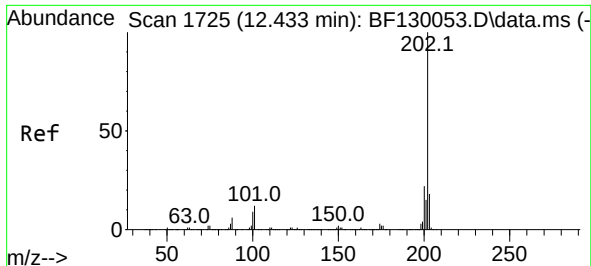


#74
 Di-n-butylphthalate
 Concen: 45.425 ng
 RT: 11.780 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: BF130166.D
 Acq: 07 Sep 2022 17:20



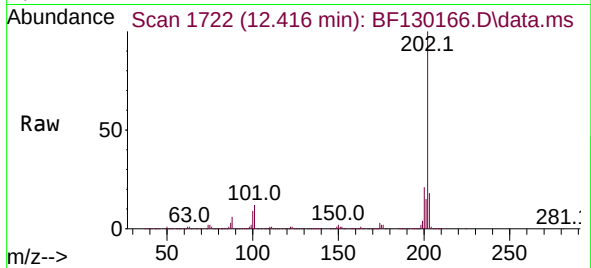
Tgt Ion:149 Resp: 1207974
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.8 11.6
 104 4.5 4.2 6.4





#75
Fluoranthene
Concen: 47.539 ng
RT: 12.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

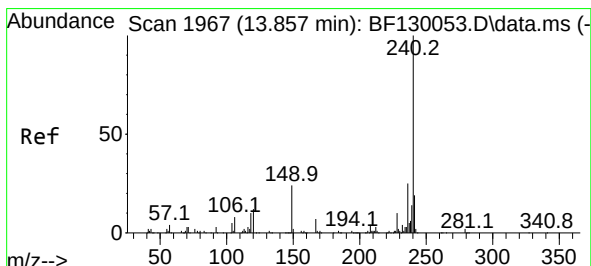
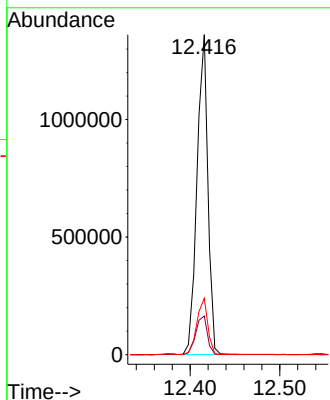
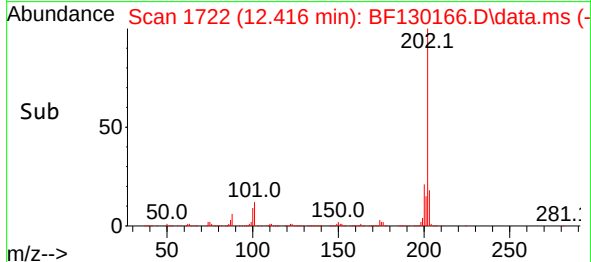
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



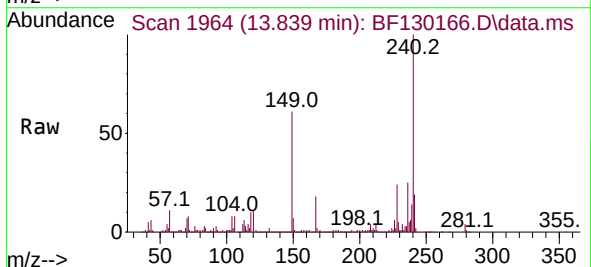
Tgt Ion:202 Resp: 1146829
Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.7
203 17.6 0.0 37.5

Manual Integrations
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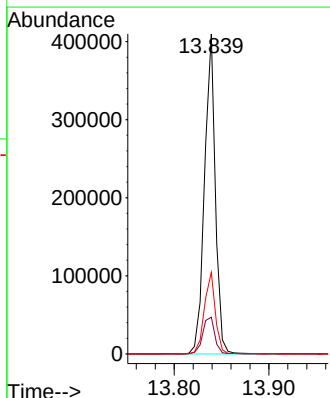
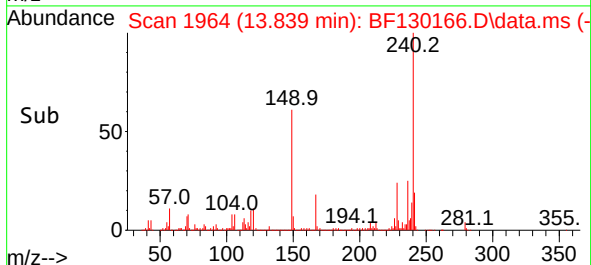
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

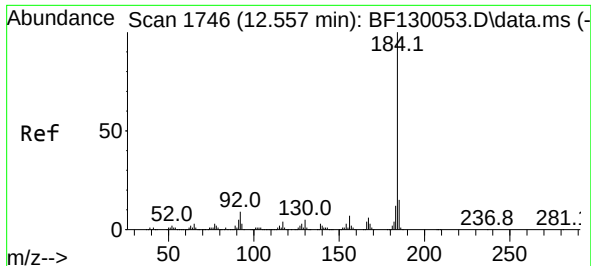


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20



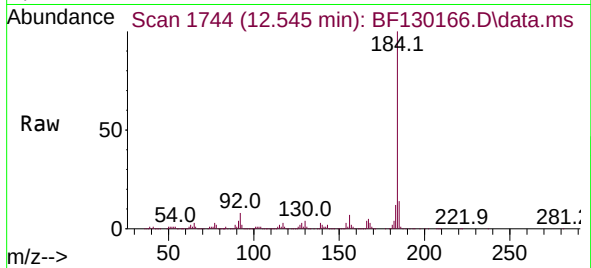
Tgt Ion:240 Resp: 325971
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 25.5 20.7 31.1





#77
Benzidine
Concen: 57.270 ng
RT: 12.545 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

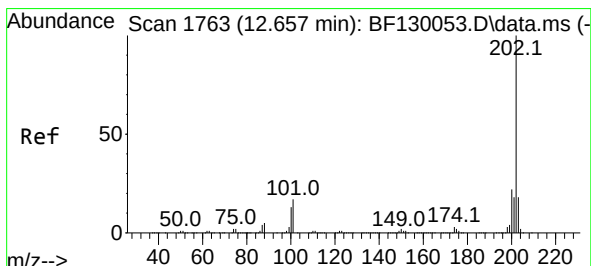
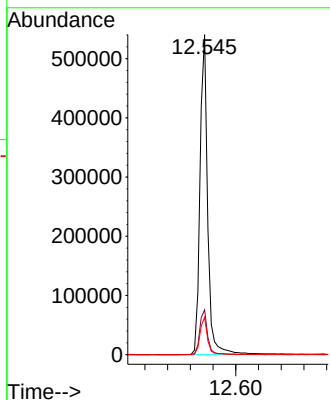
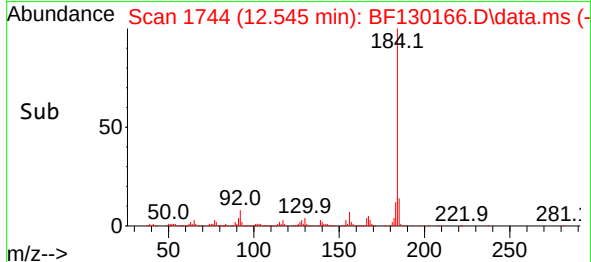
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



Tgt Ion:184 Resp: 504026
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.2
183 11.6 9.4 14.2

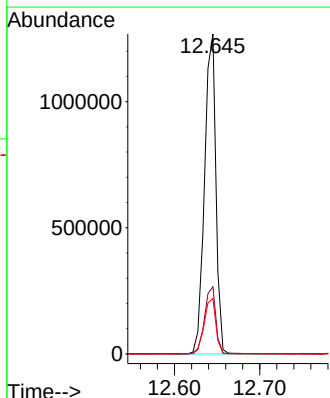
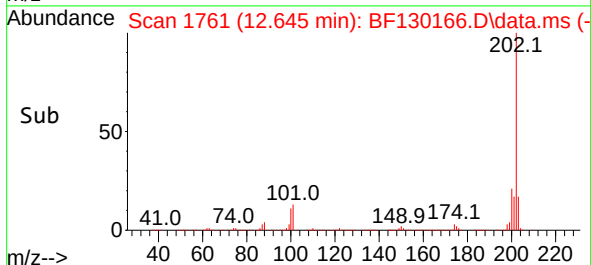
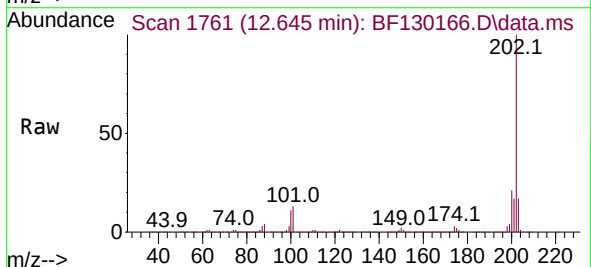
Manual Integrations
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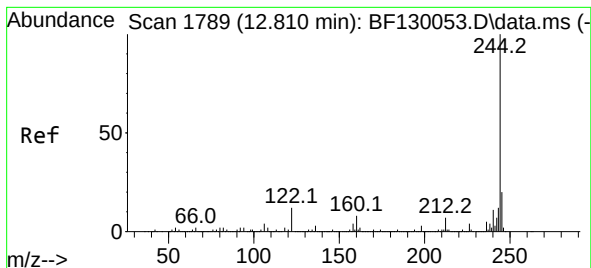
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022



#78
Pyrene
Concen: 40.160 ng
RT: 12.645 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

Tgt Ion:202 Resp: 1174196
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 82.328 ng

RT: 12.792 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130166.D

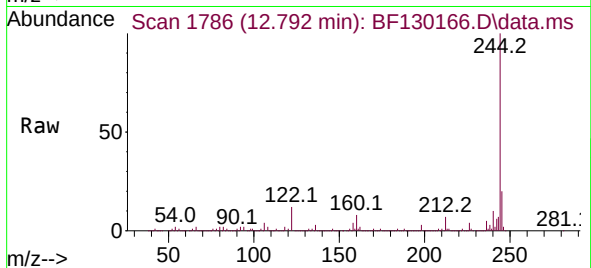
Acq: 07 Sep 2022 17:20

Instrument :

BNA_F

ClientSampleId :

WC-14-A-SPMSD



Tgt Ion:244 Resp: 1547552

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

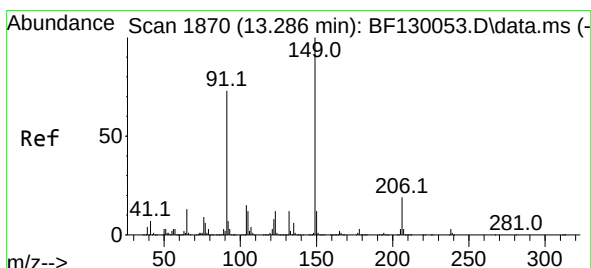
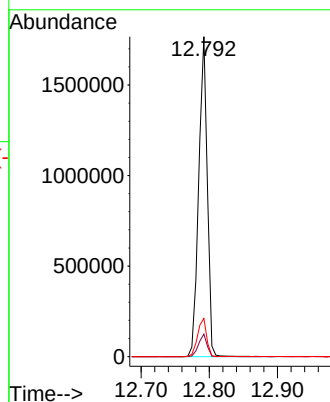
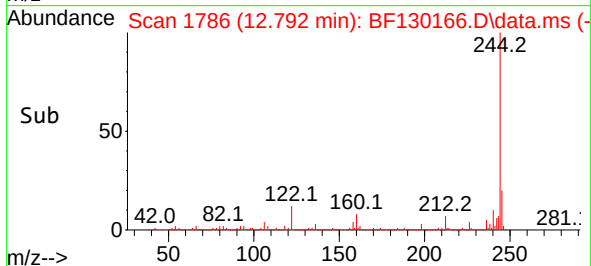
122 11.9 9.9 14.9

Manual Integrations

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Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#80

Butylbenzylphthalate

Concen: 44.944 ng

RT: 13.269 min Scan# 1867

Delta R.T. -0.006 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

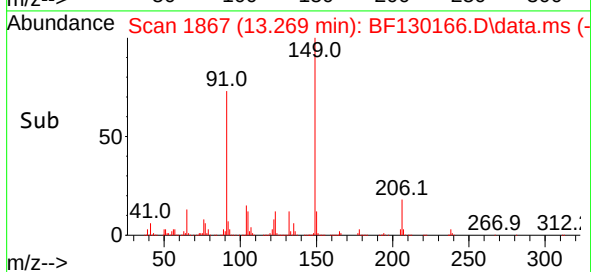
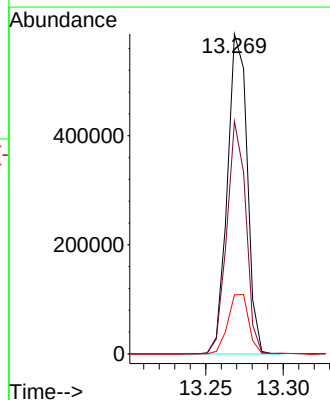
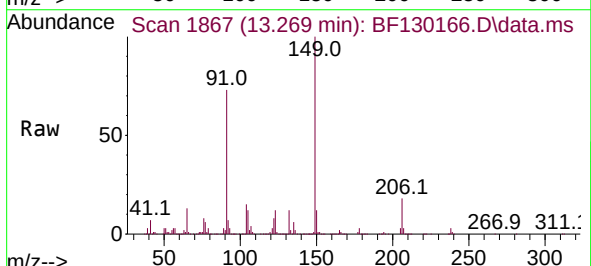
Tgt Ion:149 Resp: 522670

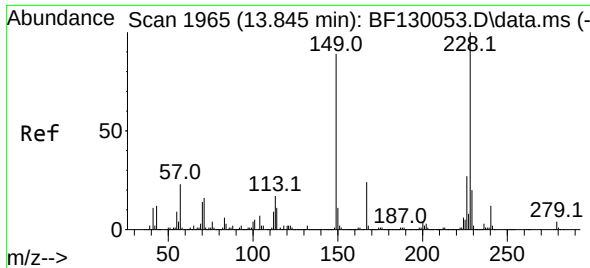
Ion Ratio Lower Upper

149 100

91 72.7 55.4 83.0

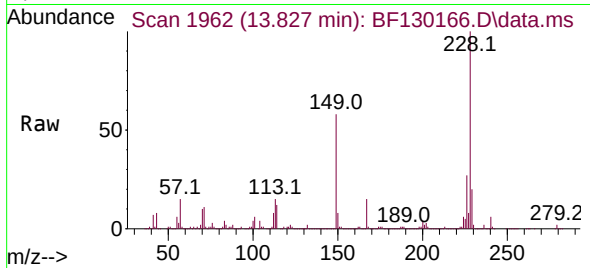
206 18.5 15.8 23.6





#81
Benzo(a)anthracene
Concen: 49.374 ng
RT: 13.827 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

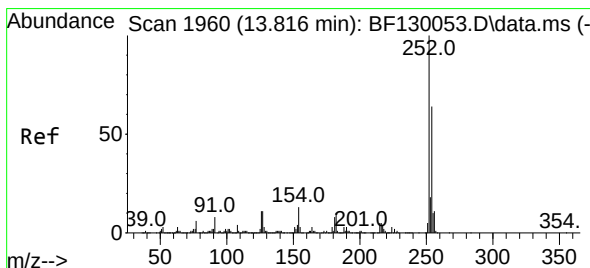
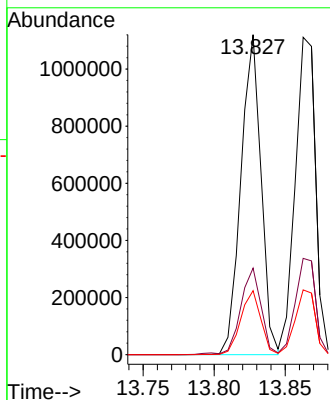
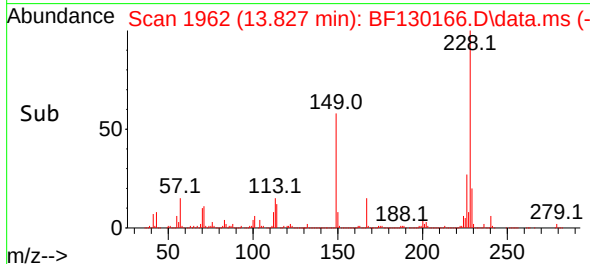
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



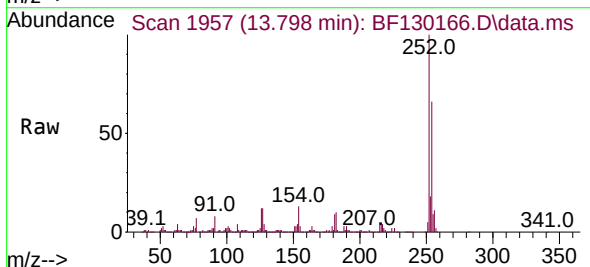
Tgt Ion:228 Resp: 1102973
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 20.0 16.1 24.1

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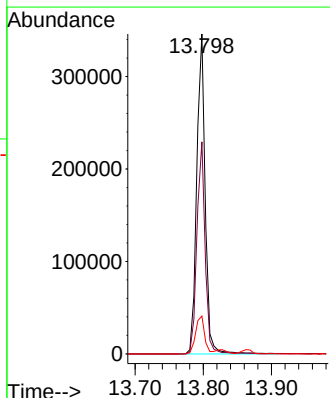
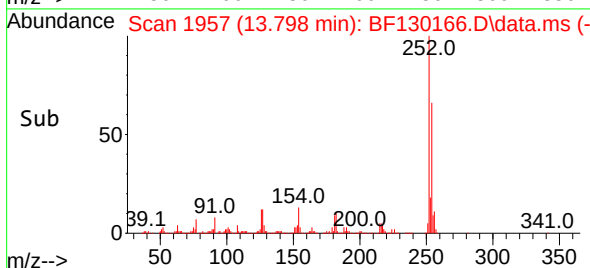
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

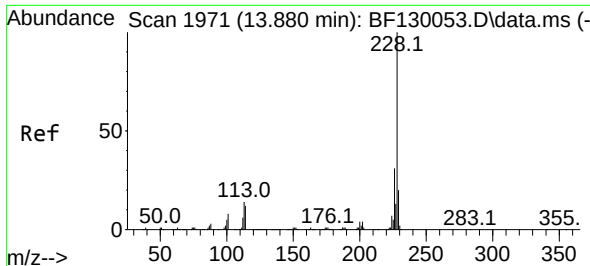


#82
3,3'-Dichlorobenzidine
Concen: 42.911 ng
RT: 13.798 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20



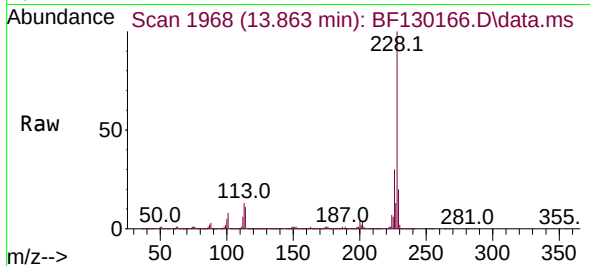
Tgt Ion:252 Resp: 298933
Ion Ratio Lower Upper
252 100
254 66.3 51.4 77.2
126 11.8 10.2 15.4





#83
Chrysene
Concen: 50.614 ng
RT: 13.863 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

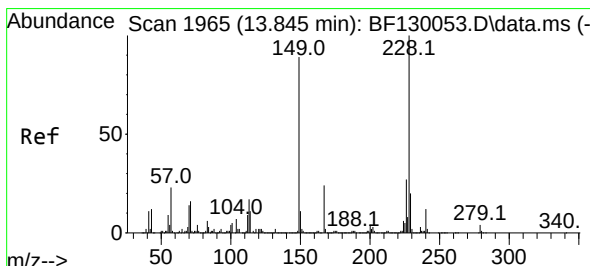
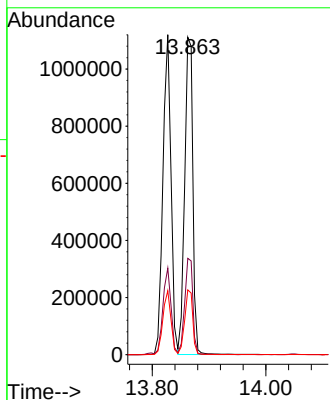
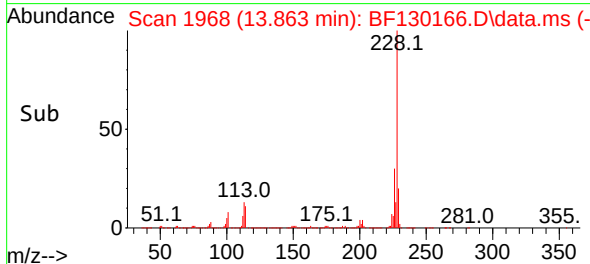
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



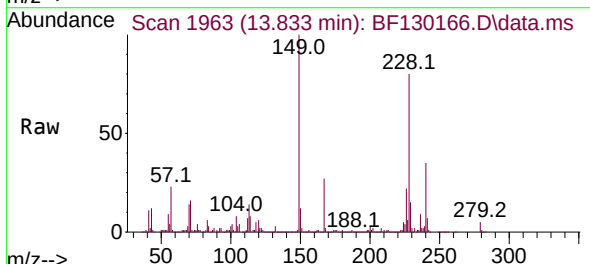
Tgt Ion:228 Resp: 1114734
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 20.4 15.9 23.9

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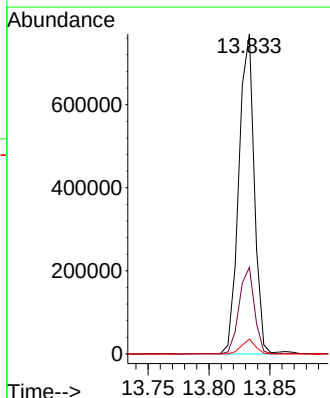
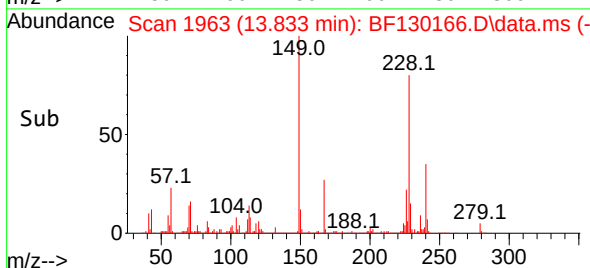
Reviewed By :Christian Giraldo 09/08/2022
Supervised By :Jagrut Upadhyay 09/08/2022

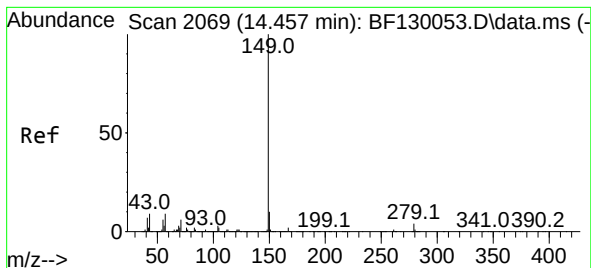


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.232 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20



Tgt Ion:149 Resp: 682751
Ion Ratio Lower Upper
149 100
167 27.0 22.0 33.0
279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 61.225 ng

RT: 14.445 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

Instrument :

BNA_F

ClientSampleId :

WC-14-A-SPMSD

Tgt Ion:149 Resp: 139801

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

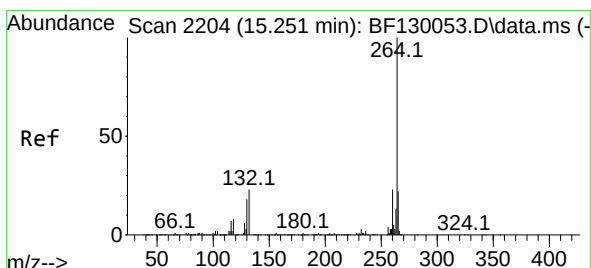
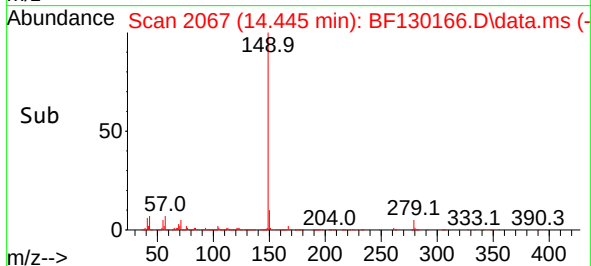
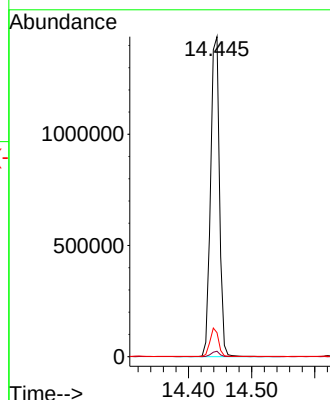
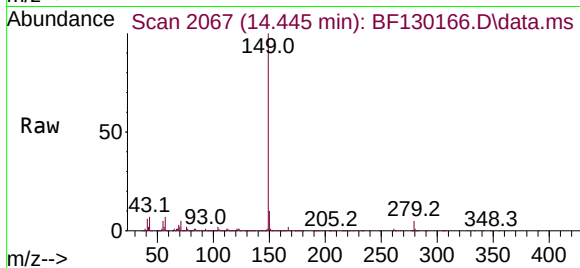
43 8.5 7.8 11.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

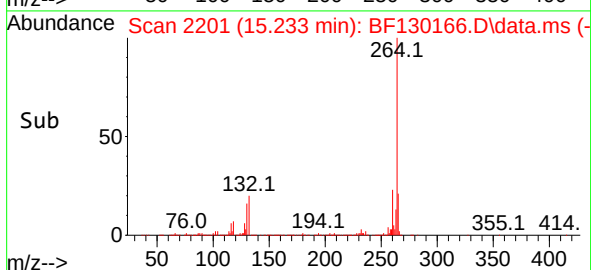
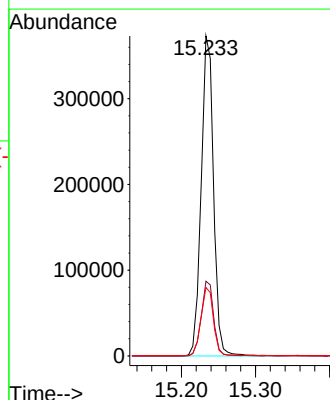
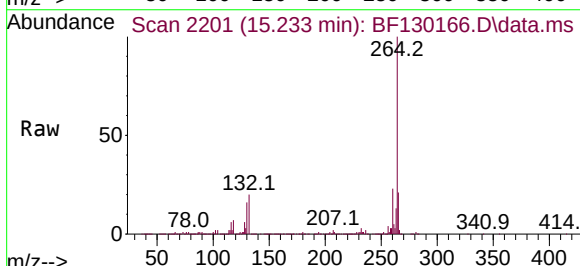
Tgt Ion:264 Resp: 431659

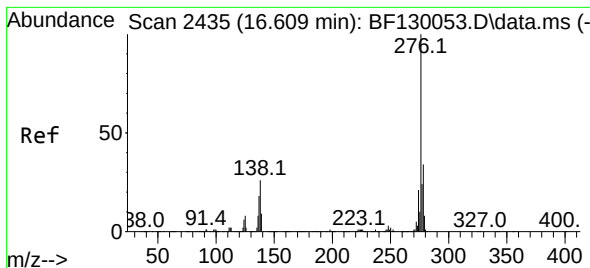
Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.4 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.561 ng

RT: 16.586 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

Instrument :

BNA_F

ClientSampleId :

WC-14-A-SPMSD

Tgt Ion:276 Resp: 1582058

Ion Ratio Lower Upper

276 100

138 27.6 19.8 29.8

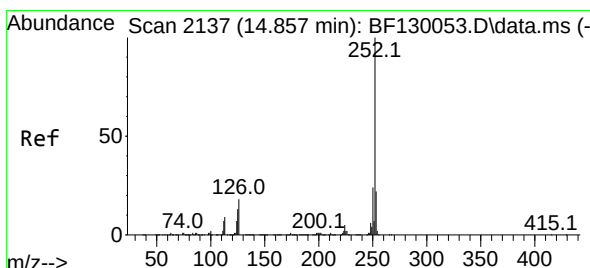
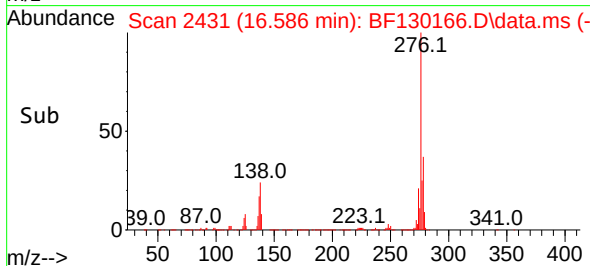
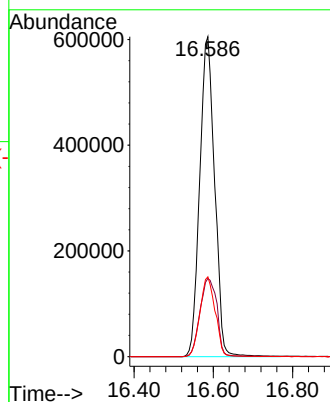
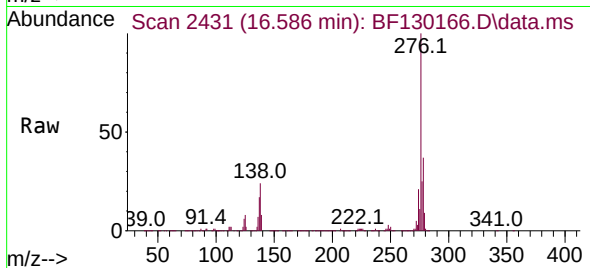
277 25.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#88

Benzo(b)fluoranthene

Concen: 49.136 ng

RT: 14.845 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

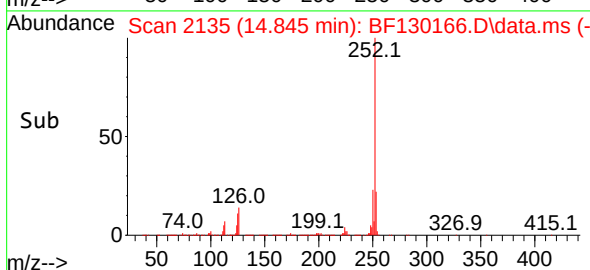
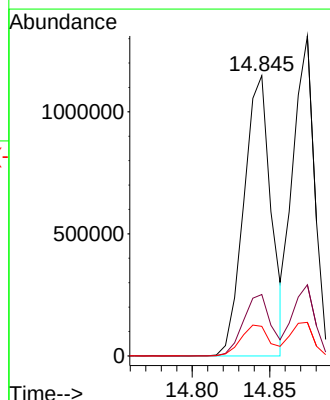
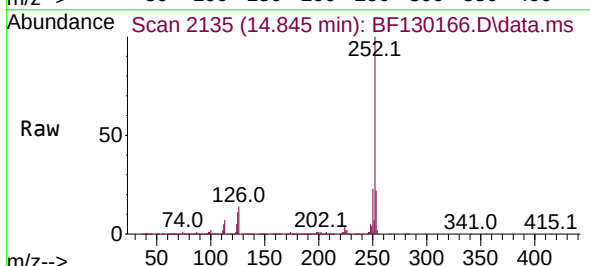
Tgt Ion:252 Resp: 1414436

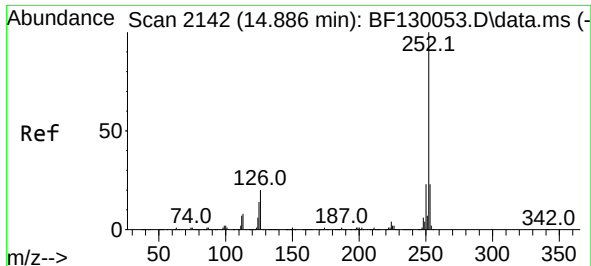
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.5 8.3 12.5





#89

Benzo(k)fluoranthene

Concen: 46.126 ng

RT: 14.874 min Scan# 2140

Delta R.T. 0.000 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

Instrument :

BNA_F

ClientSampleId :

WC-14-A-SPMSD

Tgt Ion:252 Resp: 1284160

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

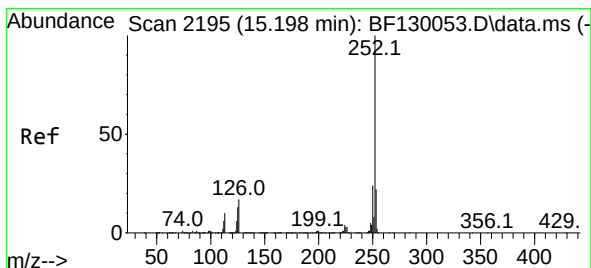
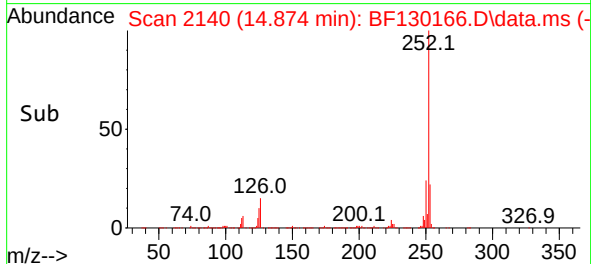
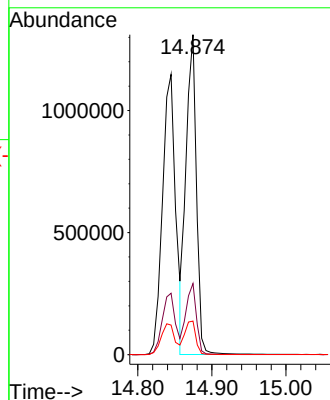
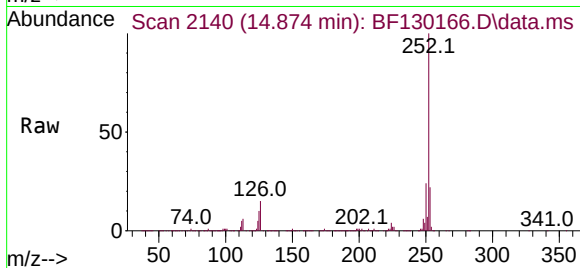
125 10.5 8.3 12.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/08/2022

Supervised By :Jagrut Upadhyay 09/08/2022



#90

Benzo(a)pyrene

Concen: 54.082 ng

RT: 15.180 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BF130166.D

Acq: 07 Sep 2022 17:20

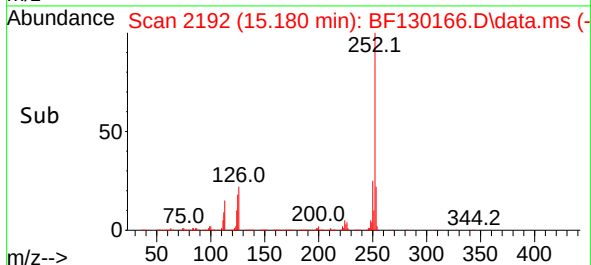
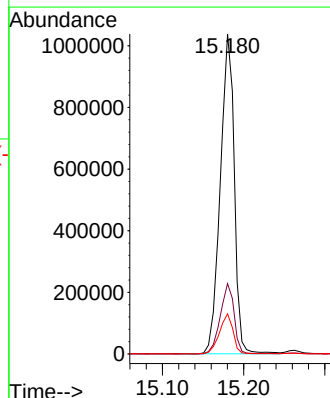
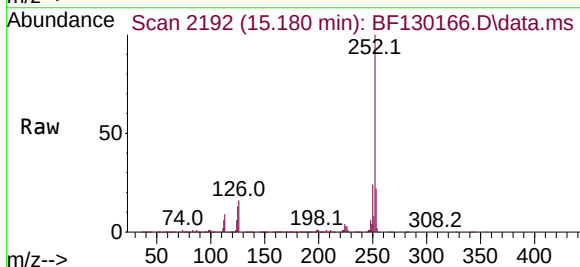
Tgt Ion:252 Resp: 1237052

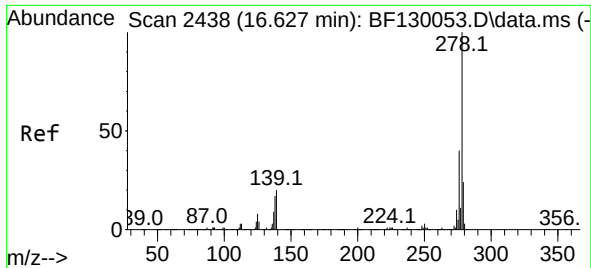
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

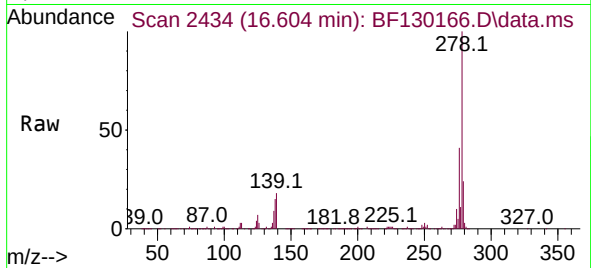
125 12.5 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 59.021 ng
RT: 16.604 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

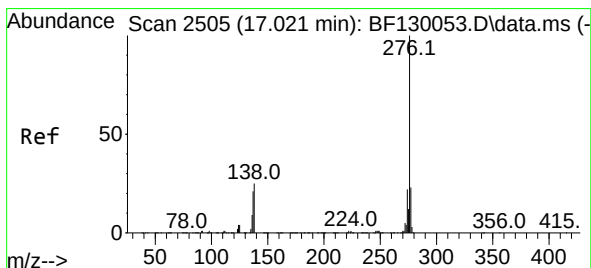
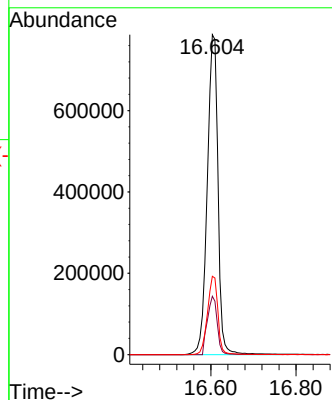
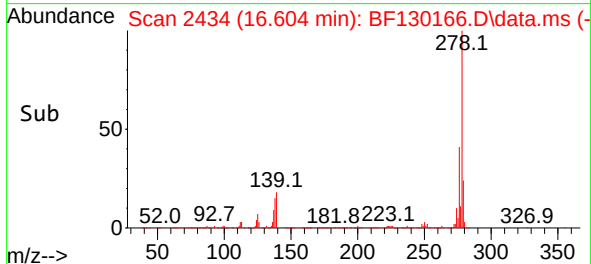
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SPMSD



Tgt Ion: 278 Resp: 1375163
Ion Ratio Lower Upper
278 100
139 18.2 12.2 18.4
279 24.5 18.7 28.1

Manual Integrations
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Reviewed By : Christian Giraldo 09/08/2022
Supervised By : Jagrut Upadhyay 09/08/2022



#92
Benzo(g,h,i)perylene
Concen: 59.122 ng
RT: 16.998 min Scan# 2501
Delta R.T. -0.000 min
Lab File: BF130166.D
Acq: 07 Sep 2022 17:20

Tgt Ion: 276 Resp: 1378219
Ion Ratio Lower Upper
276 100
277 23.5 18.2 27.4
138 22.8 15.8 23.8

