

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
 Data File : BF130912.D
 Acq On : 01 Nov 2022 21:37
 Operator : CG\JU
 Sample : N5235-03MSD 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSP-SS-01-00-20MSD

Quant Time: Nov 02 08:24:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 08:18:35 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :mohammad ahmed 11/08/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	85203	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	276003	20.000	ng	0.00
39) Acenaphthene-d10	9.987	164	119429	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	213506	20.000	ng	0.00
76) Chrysene-d12	14.127	240	151905	20.000	ng	0.00
86) Perylene-d12	15.645	264	108193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	216601	44.071	ng	0.00
7) Phenol-d6	6.551	99	255081	39.939	ng	0.00
23) Nitrobenzene-d5	7.498	82	162757	35.558	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	50291	50.023	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	264592	33.495	ng	0.00
79) Terphenyl-d14	13.063	244	276093	33.306	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.764	88	39422	17.890	ng	# 89
3) Pyridine	3.534	79	103267	16.732	ng	96
4) n-Nitrosodimethylamine	3.487	42	74059	21.375	ng	93
6) Aniline	6.593	93	77769m	9.847	ng	
8) 2-Chlorophenol	6.716	128	114007	20.823	ng	98
9) Benzaldehyde	6.487	77	62488	15.287	ng	94
10) Phenol	6.569	94	135479m	19.712	ng	
11) bis(2-Chloroethyl)ether	6.669	93	113201	21.129	ng	97
12) 1,3-Dichlorobenzene	6.875	146	126220	20.345	ng	96
13) 1,4-Dichlorobenzene	6.951	146	130812	20.773	ng	98
14) 1,2-Dichlorobenzene	7.104	146	120577	20.675	ng	99
15) Benzyl Alcohol	7.075	79	100752	18.552	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.210	45	192662	20.174	ng	95
17) 2-Methylphenol	7.181	107	87551	18.709	ng	98
18) Hexachloroethane	7.451	117	37472	16.464	ng	90
19) n-Nitroso-di-n-propyla...	7.340	70	83401	19.193	ng	97
20) 3+4-Methylphenols	7.334	107	109610	18.015	ng	# 86
22) Acetophenone	7.346	105	163145	24.380	ng	# 97
24) Nitrobenzene	7.516	77	122358	24.447	ng	99
25) Isophorone	7.751	82	214764	22.753	ng	97
26) 2-Nitrophenol	7.834	139	45954	25.388	ng	96
27) 2,4-Dimethylphenol	7.863	122	93534m	23.811	ng	
28) bis(2-Chloroethoxy)met...	7.963	93	130461	24.748	ng	99
29) 2,4-Dichlorophenol	8.075	162	79608	19.700	ng	96
30) 1,2,4-Trichlorobenzene	8.163	180	90191	20.756	ng	96
31) Naphthalene	8.245	128	292744	20.329	ng	99
32) Benzoic acid	7.940	122	35982	18.506	ng	97
33) 4-Chloroaniline	8.287	127	72878	12.808	ng	99
34) Hexachlorobutadiene	8.357	225	65304	22.639	ng	97
35) Caprolactam	8.640	113	21789	16.826	ng	98
36) 4-Chloro-3-methylphenol	8.763	107	78773	17.971	ng	98
37) 2-Methylnaphthalene	8.934	142	171799	18.967	ng	97
38) 1-Methylnaphthalene	9.034	142	160758	18.237	ng	98
40) 1,2,4,5-Tetrachloroben...	9.098	216	85999	25.392	ng	99
41) Hexachlorocyclopentadiene	9.087	237	4851	2.726	ng	93
43) 2,4,6-Trichlorophenol	9.210	196	51599	21.926	ng	99

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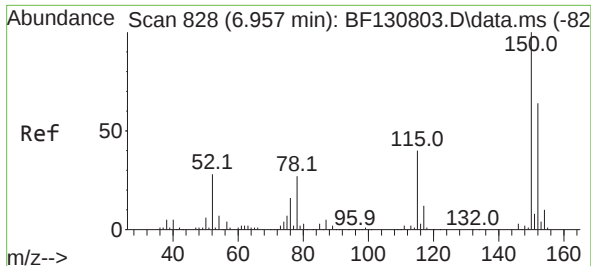
Quant Time: Nov 02 08:24:45 2022
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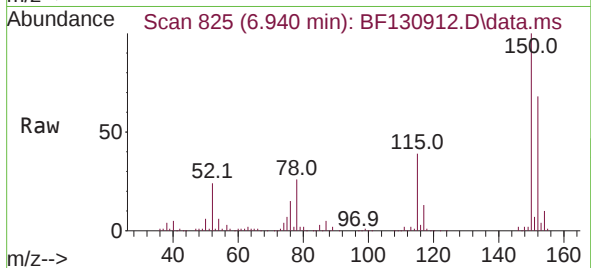
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	51884	20.635	ng	98
46) 1,1'-Biphenyl	9.398	154	210066	24.688	ng	99
47) 2-Chloronaphthalene	9.428	162	153226	22.458	ng	98
48) 2-Nitroaniline	9.522	65	56045	27.486	ng	97
49) Acenaphthylene	9.845	152	242382	22.481	ng	99
50) Dimethylphthalate	9.698	163	188445	22.973	ng	99
51) 2,6-Dinitrotoluene	9.763	165	33624	23.099	ng	# 84
52) Acenaphthene	10.016	154	136017	20.402	ng	99
53) 3-Nitroaniline	9.934	138	36216	22.667	ng	# 86
54) 2,4-Dinitrophenol	10.040	184	1962	8.164	ng	95
55) Dibenzofuran	10.187	168	196211	20.304	ng	97
56) 4-Nitrophenol	10.087	139	54745	43.273	ng	90
57) 2,4-Dinitrotoluene	10.163	165	40862	22.952	ng	90
58) Fluorene	10.534	166	158794	20.869	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	41210	19.880	ng	94
60) Diethylphthalate	10.398	149	180337	22.354	ng	97
61) 4-Chlorophenyl-phenyle...	10.522	204	79867	21.940	ng	95
62) 4-Nitroaniline	10.545	138	39830	24.618	ng	90
63) Azobenzene	10.687	77	166517	19.773	ng	97
65) 4,6-Dinitro-2-methylph...	10.569	198	2149	9.939	ng	# 73
66) n-Nitrosodiphenylamine	10.639	169	142937	21.463	ng	98
67) 4-Bromophenyl-phenylether	11.016	248	48534	22.604	ng	89
68) Hexachlorobenzene	11.081	284	49367	20.868	ng	98
69) Atrazine	11.169	200	48114	25.017	ng	94
70) Pentachlorophenol	11.275	266	48350	35.817	ng	98
71) Phenanthrene	11.498	178	244272	22.167	ng	98
72) Anthracene	11.551	178	244742	22.517	ng	99
73) Carbazole	11.704	167	213366	21.920	ng	99
74) Di-n-butylphthalate	12.033	149	278888	23.592	ng	98
75) Fluoranthene	12.692	202	306420	26.171	ng	99
77) Benzidine	12.816	184	13800	3.742	ng	# 92
78) Pyrene	12.928	202	343093	26.771	ng	99
80) Butylbenzylphthalate	13.539	149	122770	26.627	ng	97
81) Benzo(a)anthracene	14.116	228	241126	23.942	ng	98
82) 3,3'-Dichlorobenzidine	14.075	252	58325	21.457	ng	94
83) Chrysene	14.151	228	229924	23.668	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	176728	31.878	ng	98
85) Di-n-octyl phthalate	14.722	149	256164	33.480	ng	99
87) Indeno(1,2,3-cd)pyrene	17.192	276	148529	20.673	ng	97
88) Benzo(b)fluoranthene	15.192	252	182044	26.029	ng	99
89) Benzo(k)fluoranthene	15.222	252	154856	22.723	ng	100
90) Benzo(a)pyrene	15.580	252	149238	26.544	ng	98
91) Dibenzo(a,h)anthracene	17.215	278	122019	20.833	ng	97
92) Benzo(g,h,i)perylene	17.668	276	132297	22.140	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

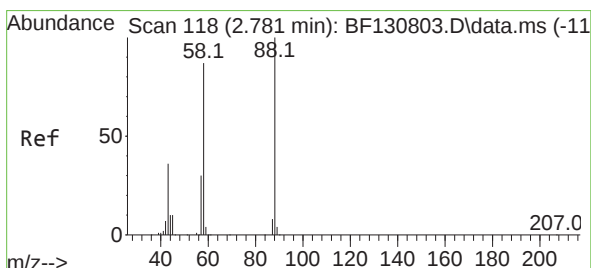
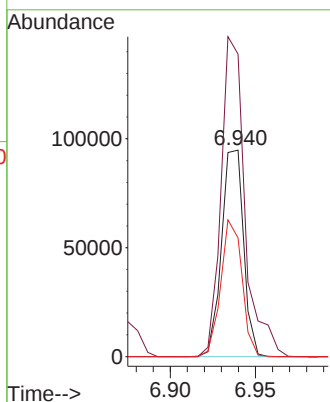
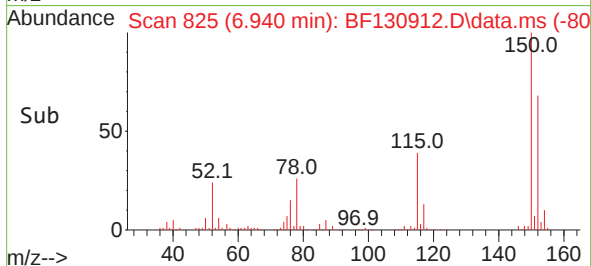
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



Tgt Ion:152 Resp: 85203
Ion Ratio Lower Upper
152 100
150 146.5 124.1 186.1
115 57.5 50.1 75.1

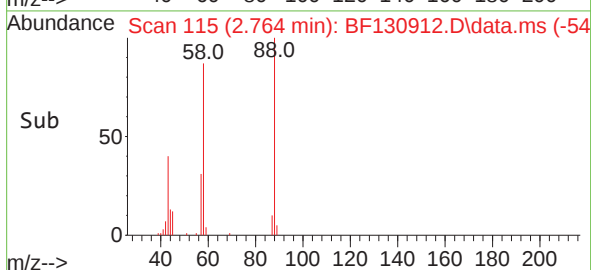
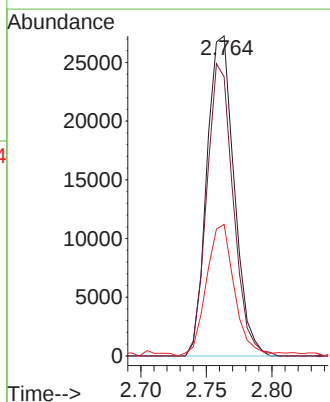
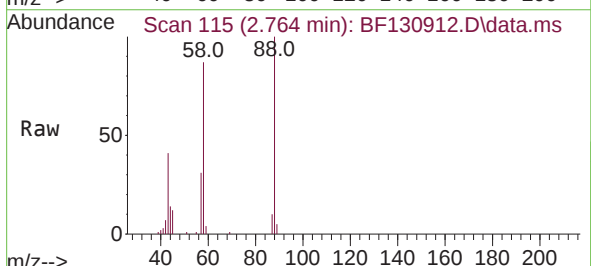
Manual Integrations
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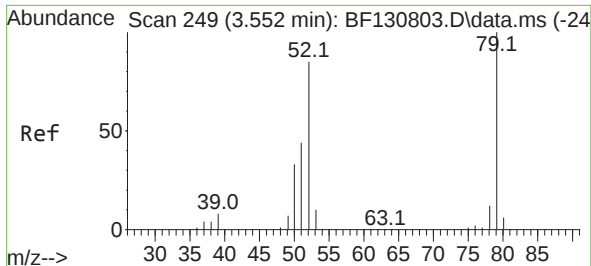
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#2
1,4-Dioxane
Concen: 17.890 ng
RT: 2.764 min Scan# 115
Delta R.T. 0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

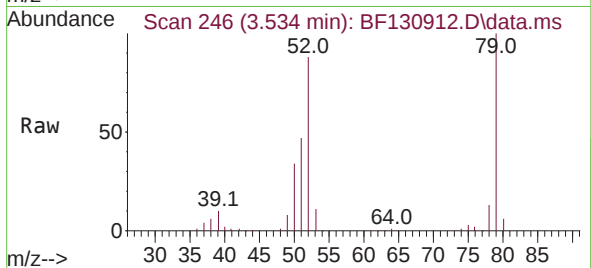
Tgt Ion: 88 Resp: 39422
Ion Ratio Lower Upper
88 100
58 88.6 64.7 97.1
43 43.3 26.5 39.7#





#3
Pyridine
Concen: 16.732 ng
RT: 3.534 min Scan# 249
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

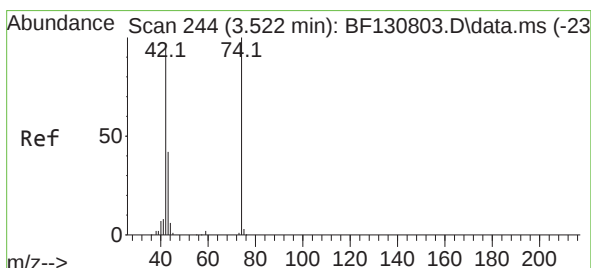
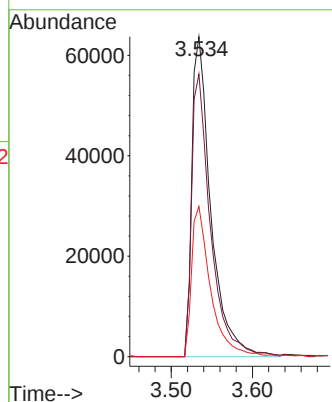
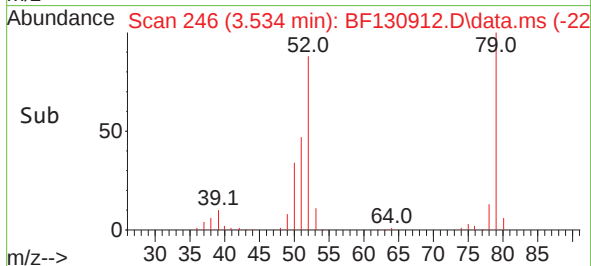
Instrument :
BNA_F
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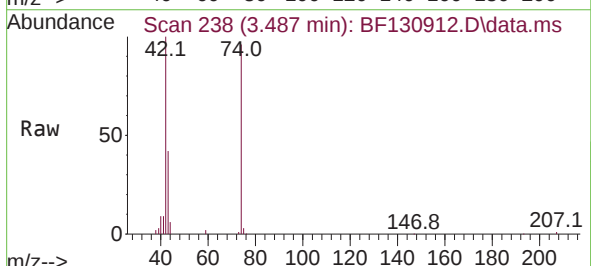
Tgt Ion: 79 Resp: 10326
Ion Ratio Lower Upper
79 100
52 88.3 68.2 102.4
51 46.9 35.2 52.8

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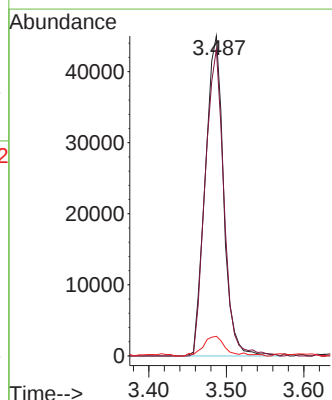
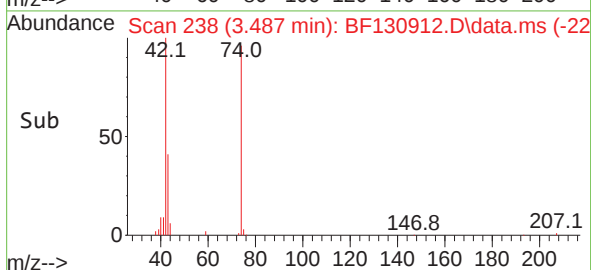
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

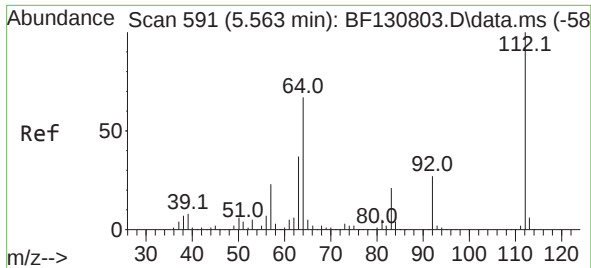


#4
n-Nitrosodimethylamine
Concen: 21.375 ng
RT: 3.487 min Scan# 238
Delta R.T. -0.012 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37



Tgt Ion: 42 Resp: 74059
Ion Ratio Lower Upper
42 100
74 95.9 82.8 124.2
44 6.1 6.0 9.0





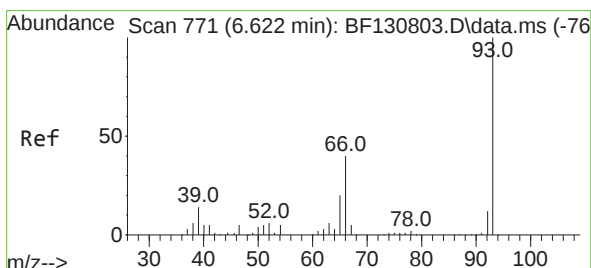
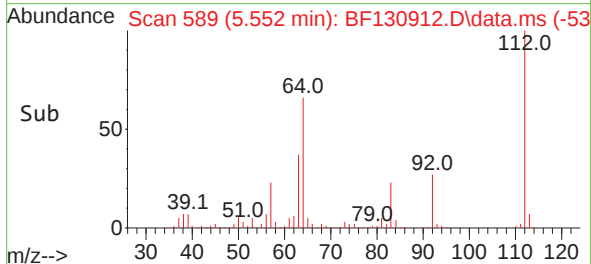
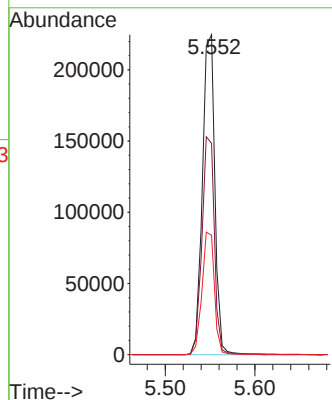
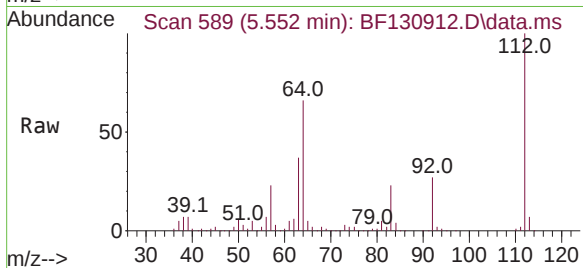
#5
2-Fluorophenol
Concen: 44.071 ng
RT: 5.552 min Scan# 589
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

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ClientSampleId :
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Tgt Ion:112 Resp: 216601
Ion Ratio Lower Upper
112 100
64 66.0 53.9 80.9
63 37.3 29.4 44.2

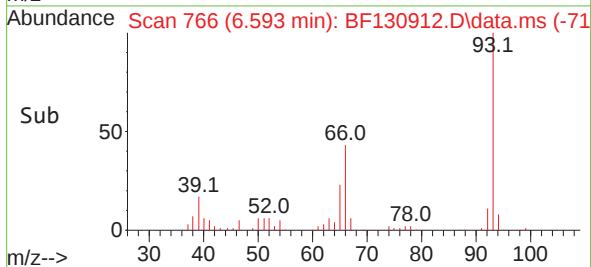
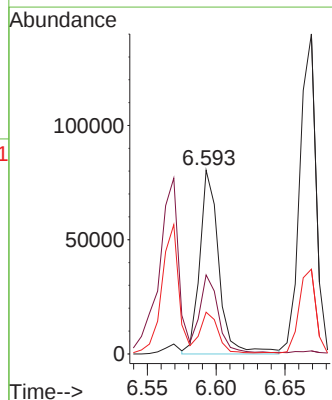
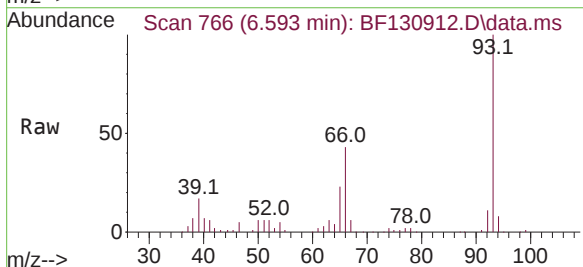
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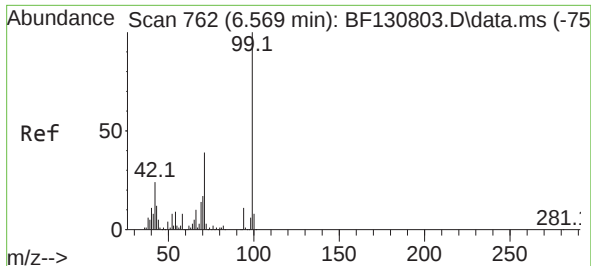
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#6
Aniline
Concen: 9.847 ng m
RT: 6.593 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

Tgt Ion: 93 Resp: 77769
Ion Ratio Lower Upper
93 100
66 43.0 33.8 50.8
65 22.7 17.2 25.8





#7

Phenol-d6

Concen: 39.939 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF130912.D

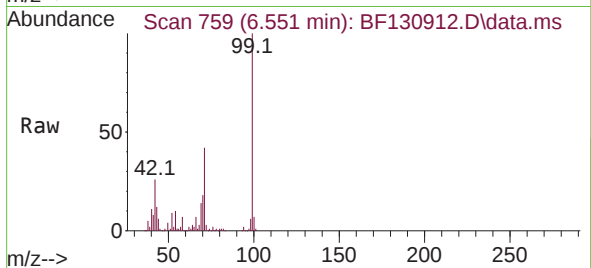
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Instrument :

BNA_F

ClientSampleId :

LSP-SS-01-00-20MSD

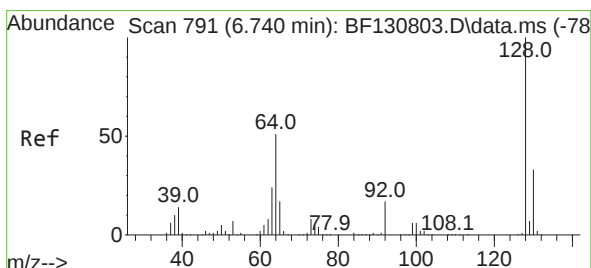
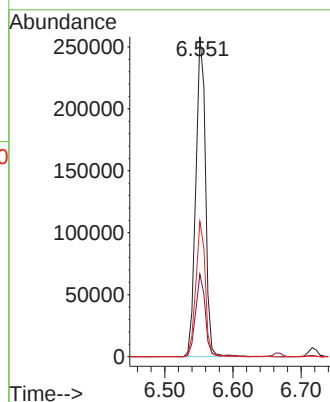
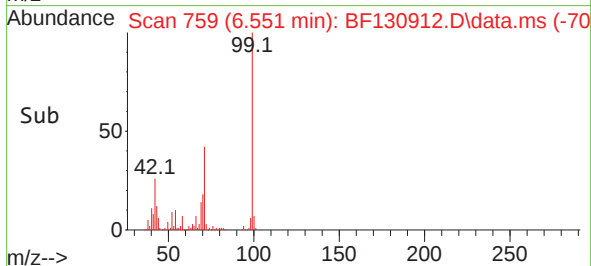


Tgt Ion:	99	Resp:	25508
Ion	Ratio	Lower	Upper
99	100		
42	25.7	18.8	28.2
71	42.2	31.4	47.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 20.823 ng

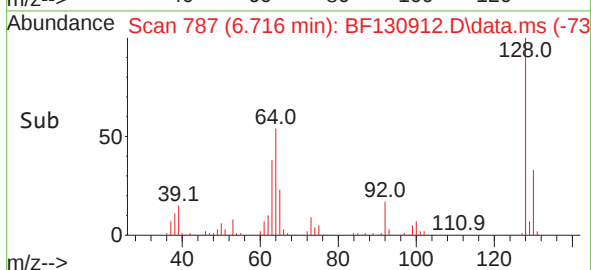
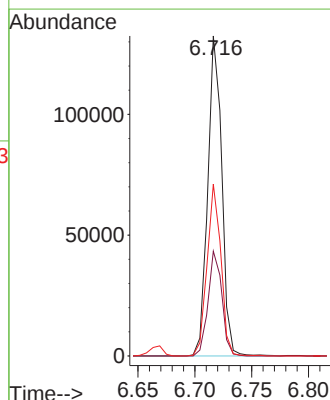
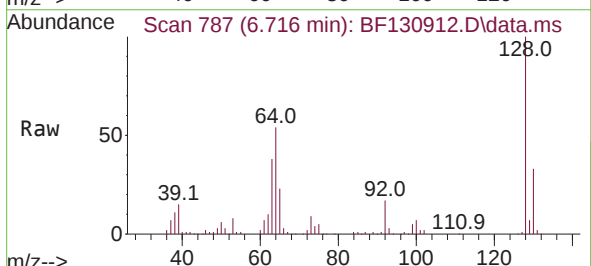
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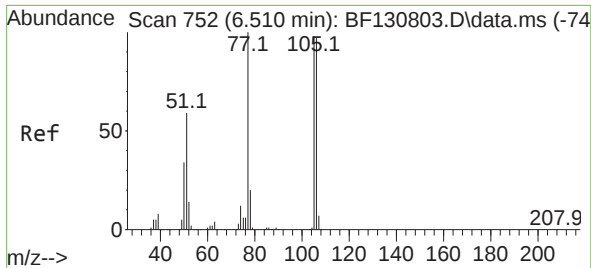
Delta R.T. -0.006 min

Lab File: BF130912.D

Acq: 01 Nov 2022 21:37

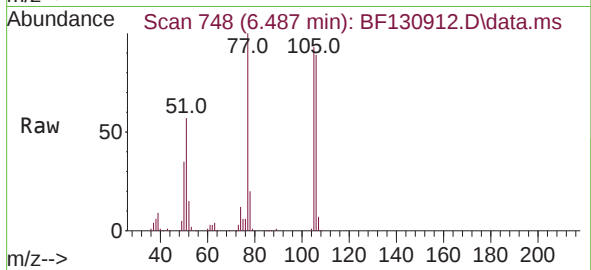
Tgt Ion:	128	Resp:	114007
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	53.7	31.3	71.3





#9
Benzaldehyde
Concen: 15.287 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

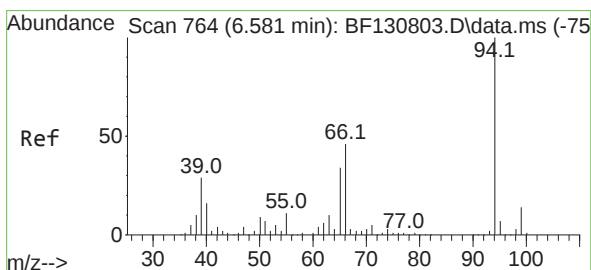
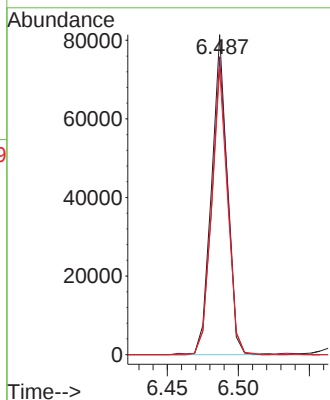
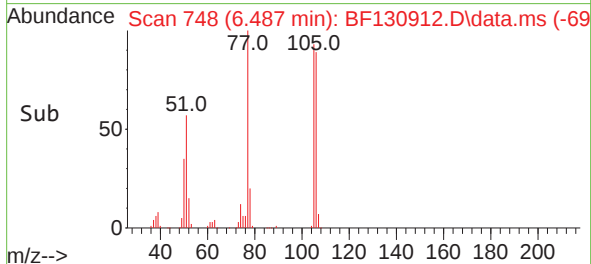
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



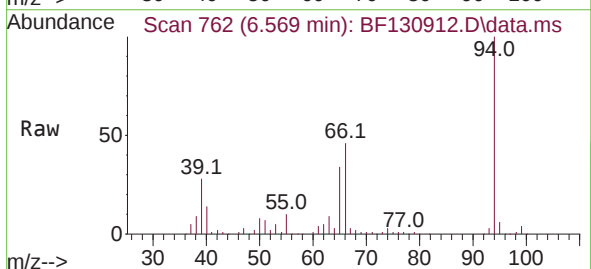
Tgt Ion: 77 Resp: 62488
Ion Ratio Lower Upper
77 100
105 93.1 78.2 118.2
106 89.4 76.6 116.6

Manual Integrations
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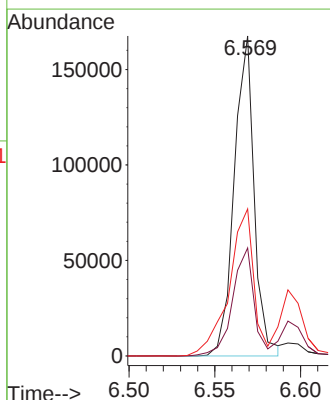
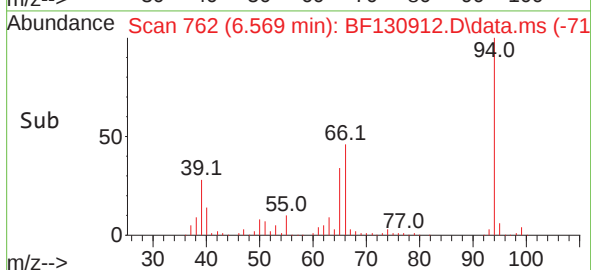
Reviewed By :Christian Giraldo 11/07/2022
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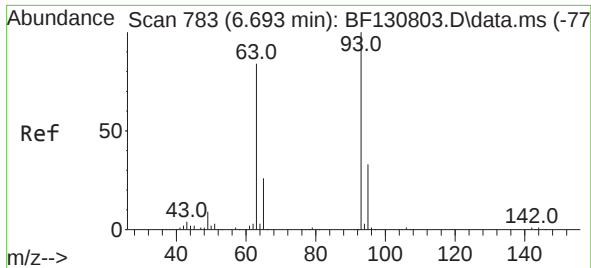


#10
Phenol
Concen: 19.712 ng m
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37



Tgt Ion: 94 Resp: 135479
Ion Ratio Lower Upper
94 100
65 33.7 13.7 53.7
66 45.9 26.5 66.5





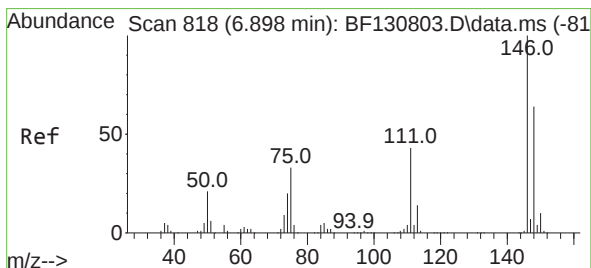
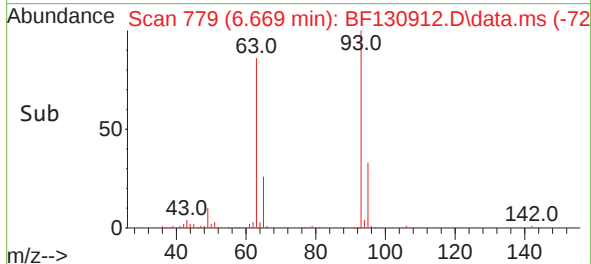
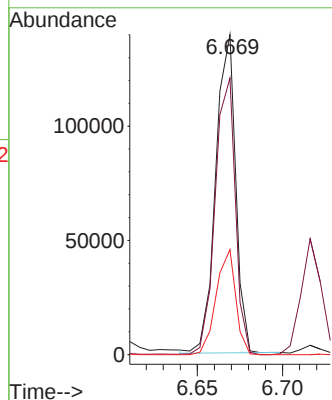
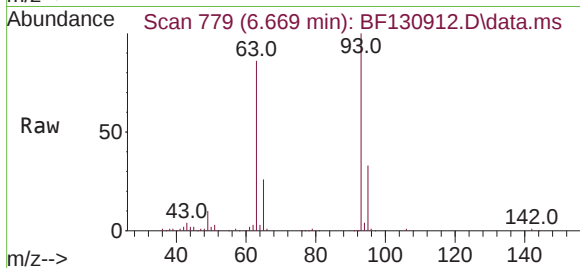
#11
bis(2-Chloroethyl)ether
Concen: 21.129 ng
RT: 6.669 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD

Tgt Ion: 93 Resp: 11320
Ion Ratio Lower Upper
93 100
63 86.4 63.4 103.4
95 32.8 12.6 52.6

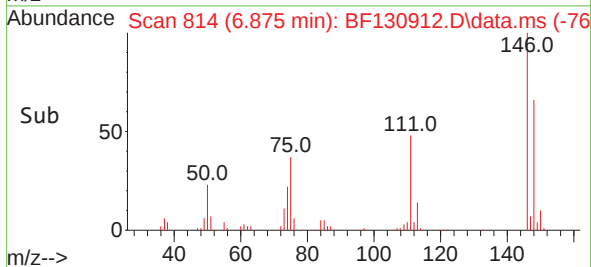
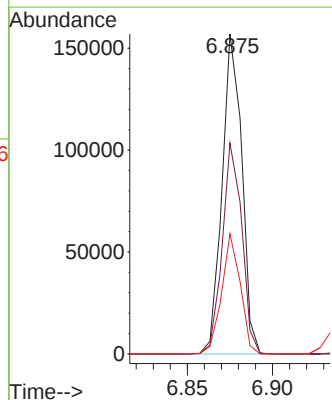
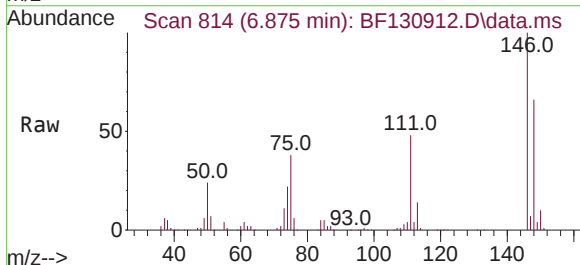
Manual Integrations
APPROVED

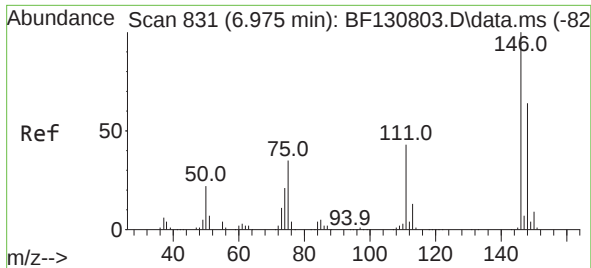
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#12
1,3-Dichlorobenzene
Concen: 20.345 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

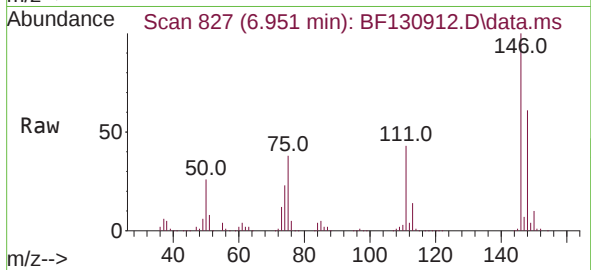
Tgt Ion:146 Resp: 126220
Ion Ratio Lower Upper
146 100
148 65.9 51.4 77.0
75 37.5 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 20.773 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

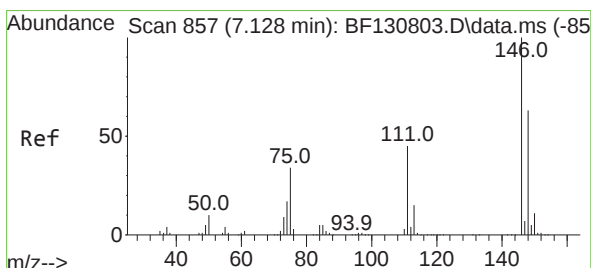
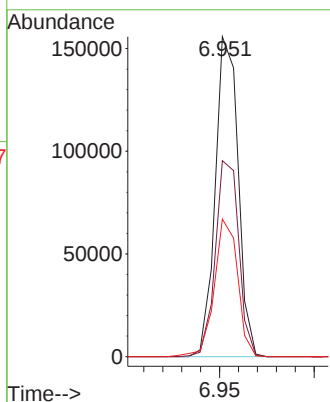
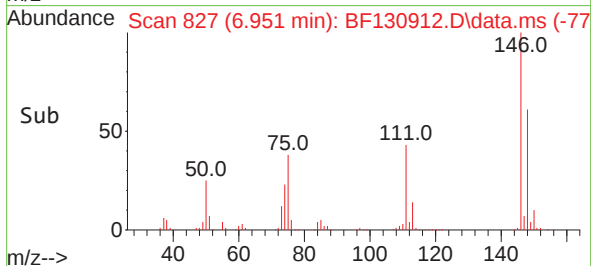
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



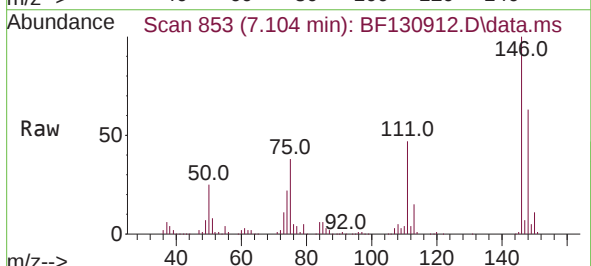
Tgt Ion:146 Resp: 130812
Ion Ratio Lower Upper
146 100
148 61.2 51.3 76.9
111 43.0 34.6 51.8

Manual Integrations
APPROVED

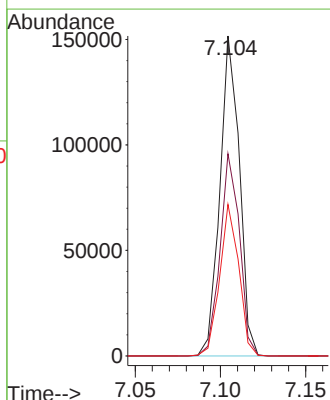
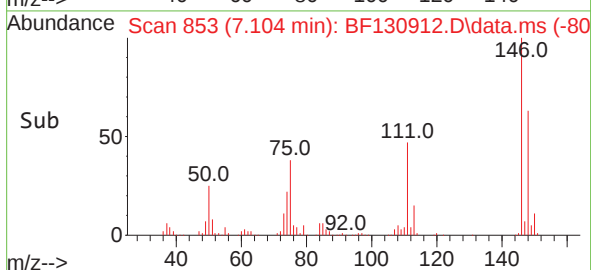
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

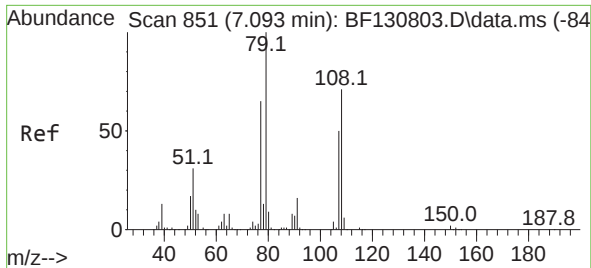


#14
1,2-Dichlorobenzene
Concen: 20.675 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37



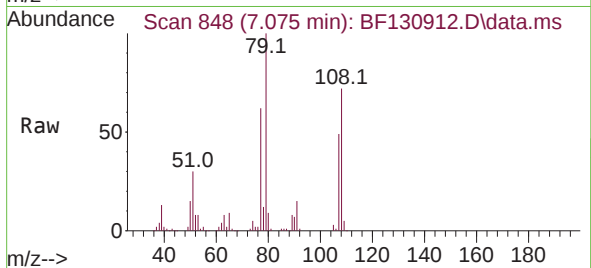
Tgt Ion:146 Resp: 120577
Ion Ratio Lower Upper
146 100
148 63.2 50.6 76.0
111 47.3 36.3 54.5





#15
Benzyl Alcohol
Concen: 18.552 ng
RT: 7.075 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

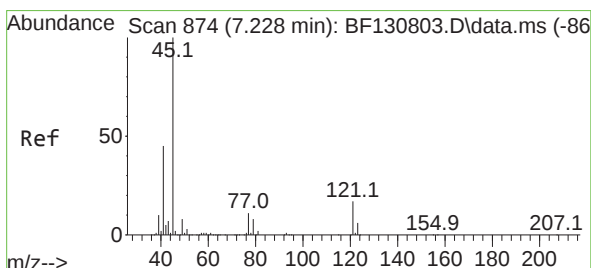
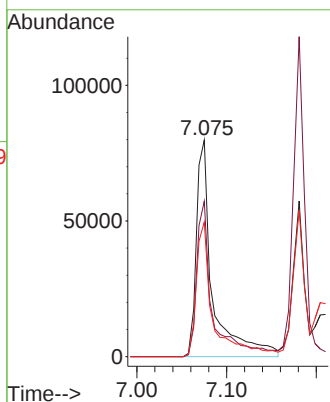
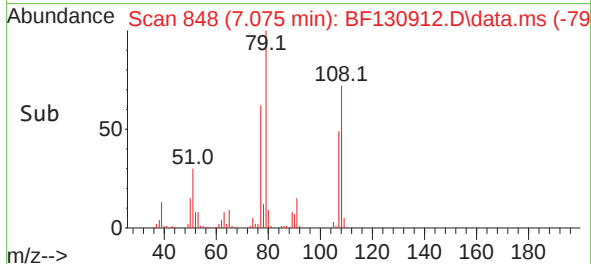
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



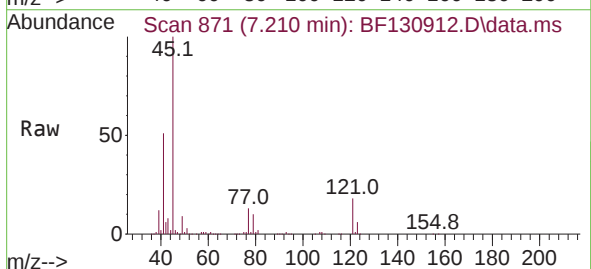
Tgt Ion: 79 Resp: 100752
Ion Ratio Lower Upper
79 100
108 71.8 56.4 84.6
77 62.2 51.8 77.8

Manual Integrations
APPROVED

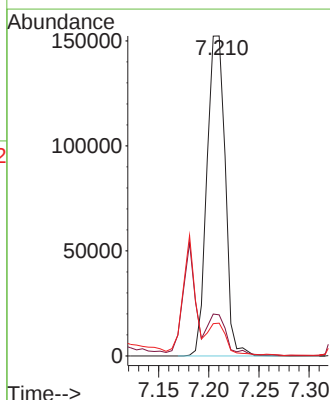
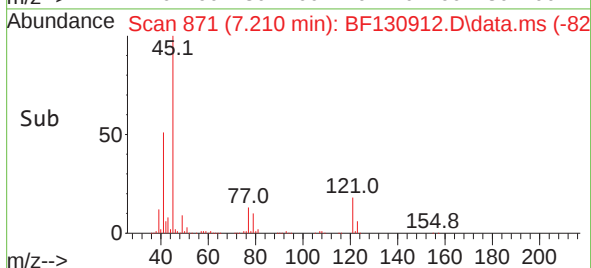
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

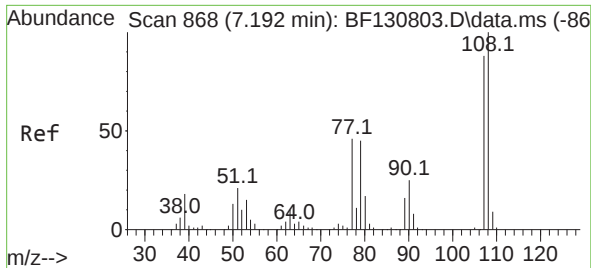


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.174 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37



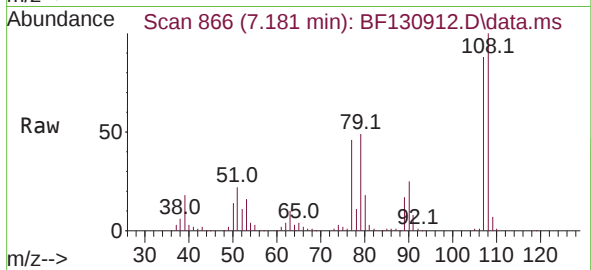
Tgt Ion: 45 Resp: 192662
Ion Ratio Lower Upper
45 100
77 12.8 0.0 31.2
79 10.2 0.0 28.4





#17
2-Methylphenol
Concen: 18.709 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

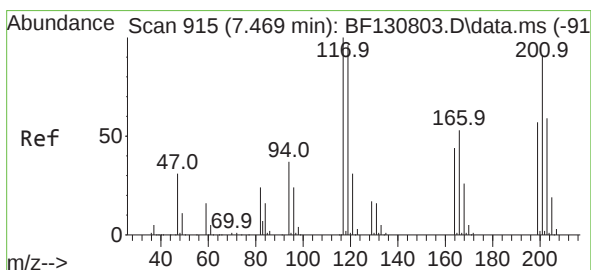
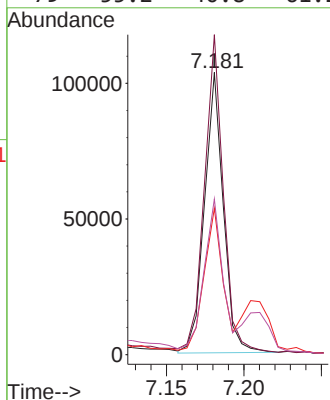
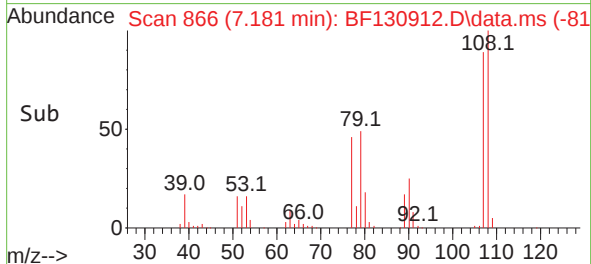
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



Tgt Ion:	107	Resp:	8755
Ion Ratio	Lower	Upper	
107	100		
108	113.4	90.5	135.7
77	51.8	41.2	61.8
79	55.2	40.8	61.2

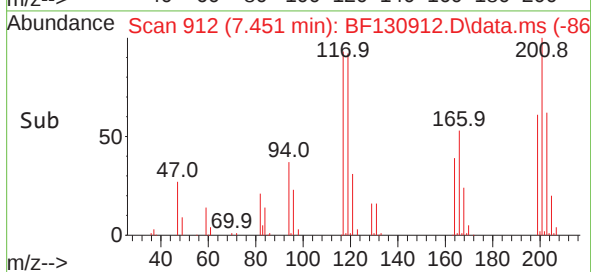
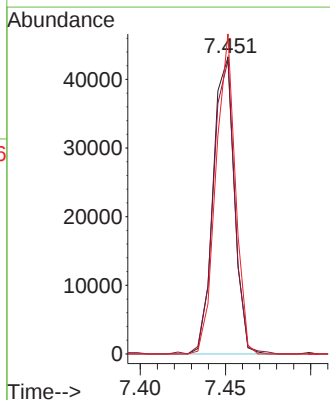
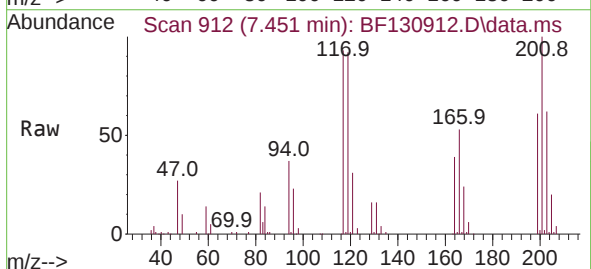
Manual Integrations
APPROVED

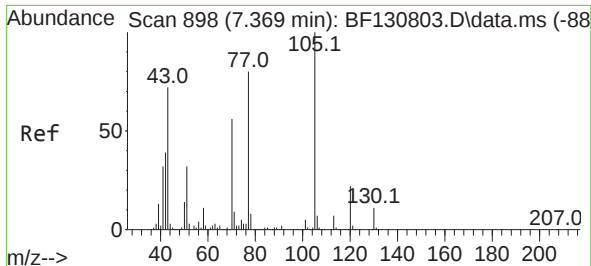
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#18
Hexachloroethane
Concen: 16.464 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

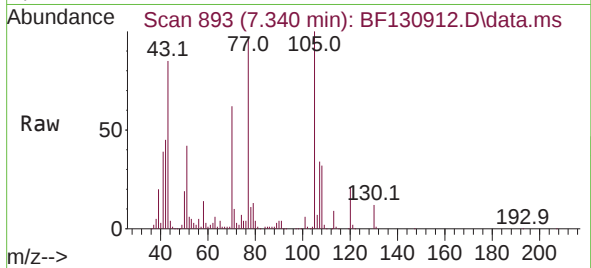
Tgt Ion:	117	Resp:	37472
Ion Ratio	Lower	Upper	
117	100		
119	99.1	77.1	115.7
201	107.9	72.9	109.3





#19
n-Nitroso-di-n-propylamine
Concen: 19.193 ng
RT: 7.340 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

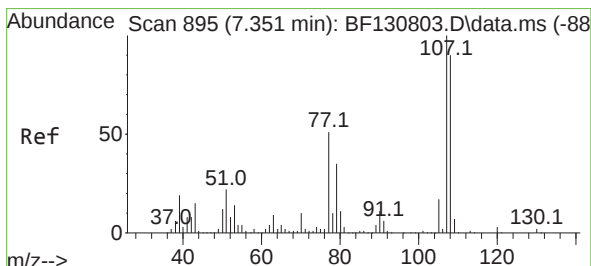
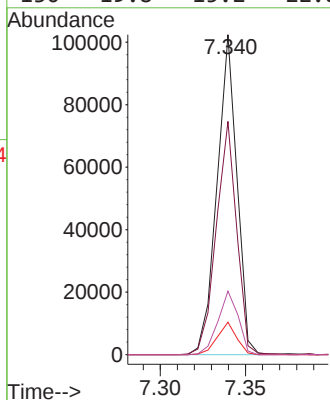
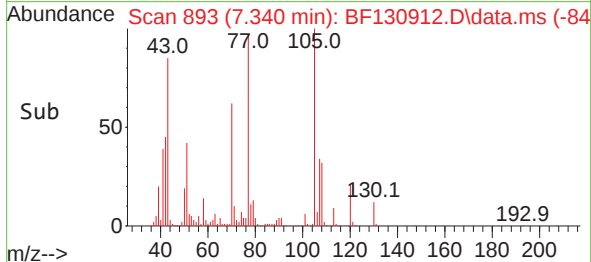
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



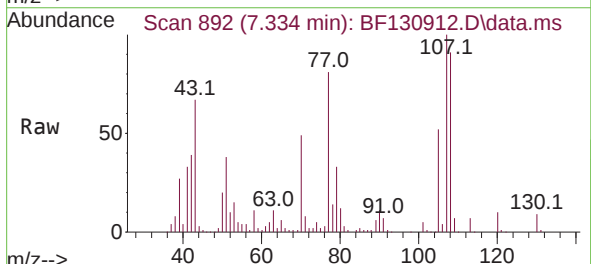
Tgt Ion: 70 Resp: 83401
Ion Ratio Lower Upper
70 100
42 72.9 56.1 84.1
101 10.1 7.3 10.9
130 19.8 15.2 22.8

Manual Integrations
APPROVED

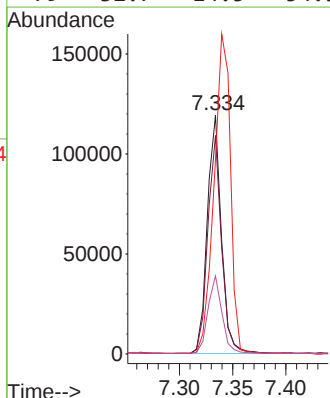
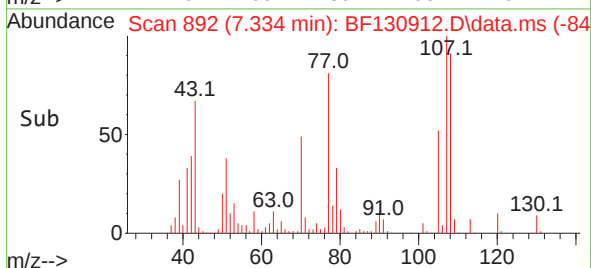
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

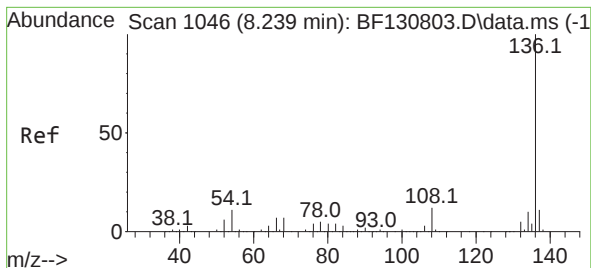


#20
3+4-Methylphenols
Concen: 18.015 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37



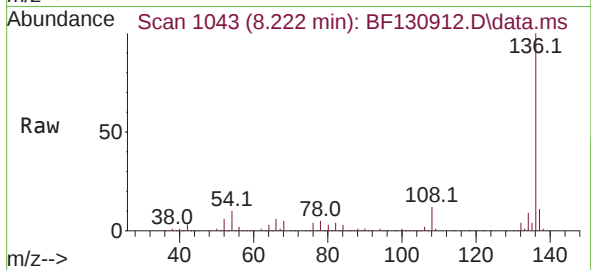
Tgt Ion:107 Resp: 109610
Ion Ratio Lower Upper
107 100
108 91.5 70.4 110.4
77 81.3 31.1 71.1#
79 32.7 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

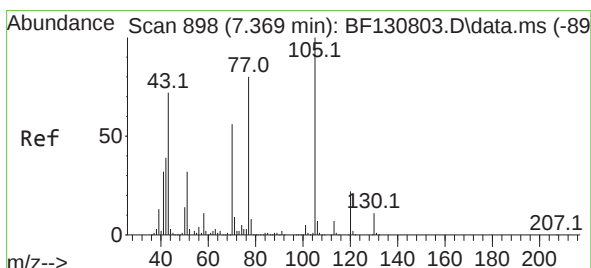
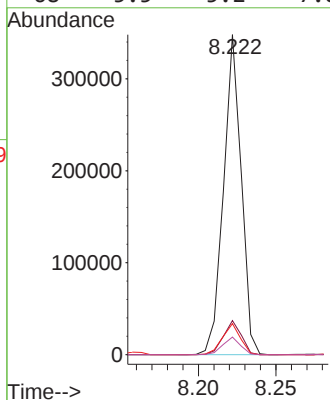
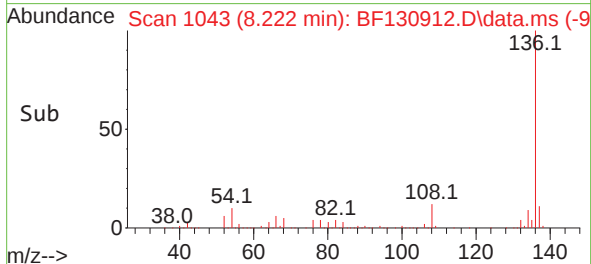
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



Tgt Ion:136 Resp: 276003
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 9.7 8.8 13.2
68 5.5 5.2 7.8

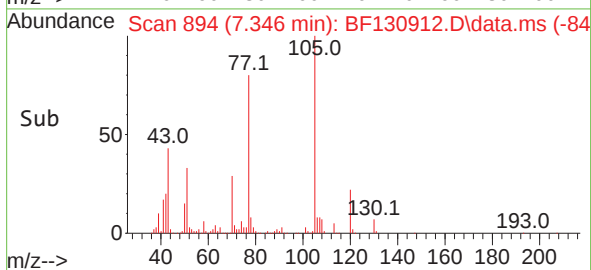
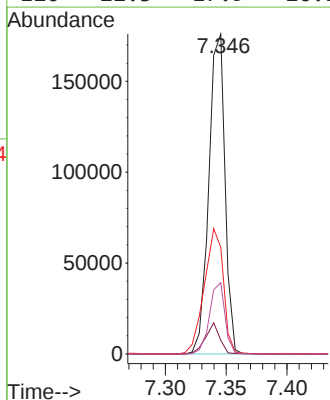
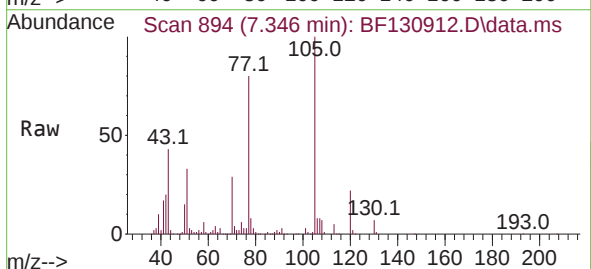
Manual Integrations
APPROVED

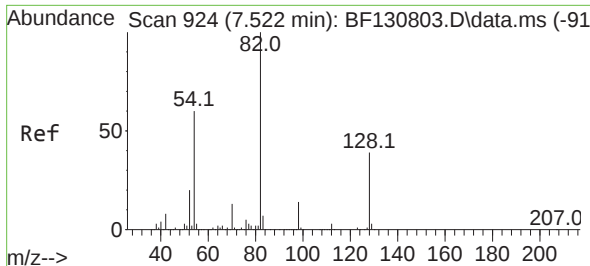
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#22
Acetophenone
Concen: 24.380 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

Tgt Ion:105 Resp: 163145
Ion Ratio Lower Upper
105 100
71 4.3 7.2 10.8#
51 33.3 25.9 38.9
120 22.3 17.9 26.9





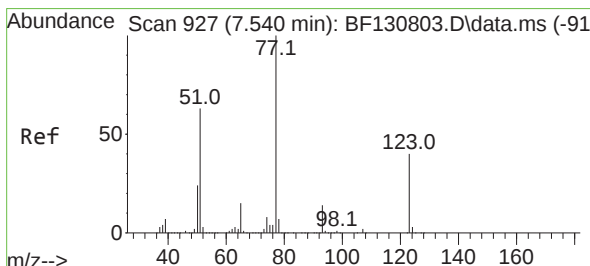
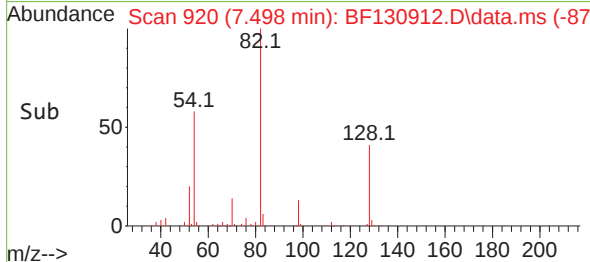
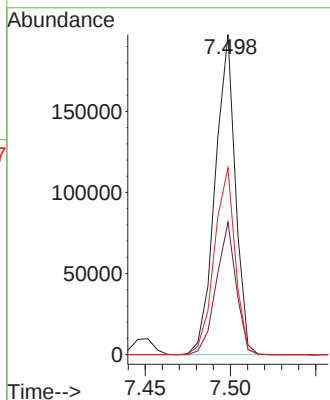
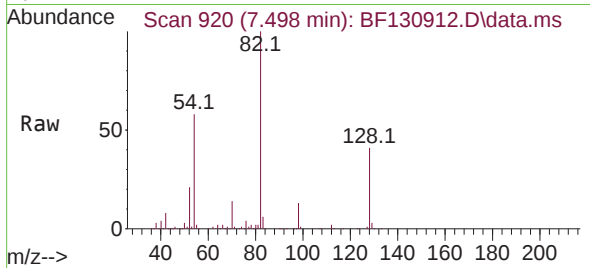
#23
Nitrobenzene-d5
Concen: 35.558 ng
RT: 7.498 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD

Tgt Ion: 82 Resp: 162752
Ion Ratio Lower Upper
82 100
128 41.4 31.2 46.8
54 58.4 48.0 72.0

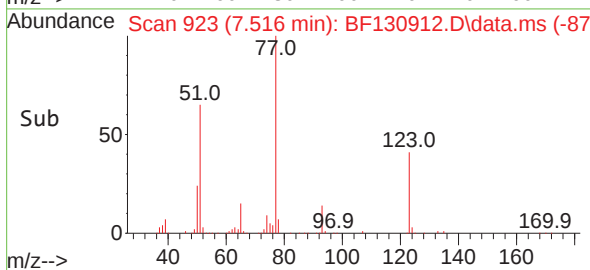
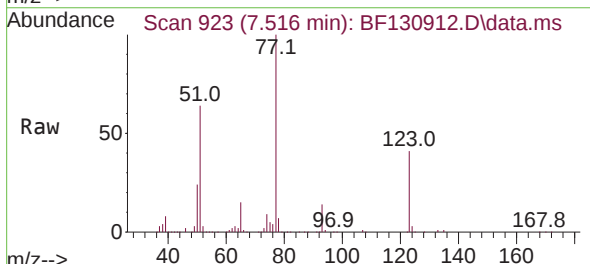
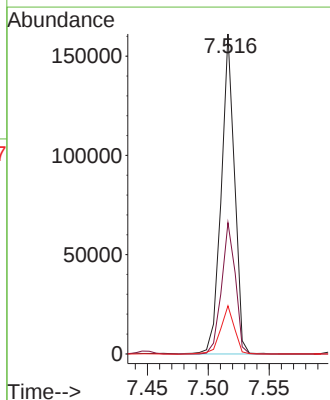
Manual Integrations
APPROVED

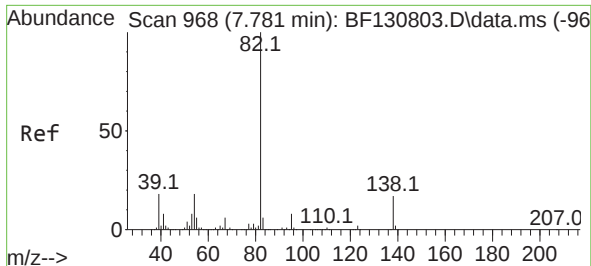
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#24
Nitrobenzene
Concen: 24.447 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

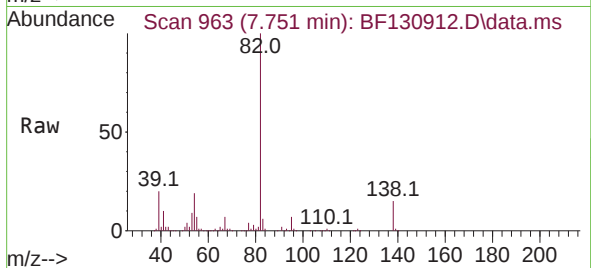
Tgt Ion: 77 Resp: 122358
Ion Ratio Lower Upper
77 100
123 41.1 32.2 48.2
65 15.0 12.0 18.0





#25
Isophorone
Concen: 22.753 ng
RT: 7.751 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

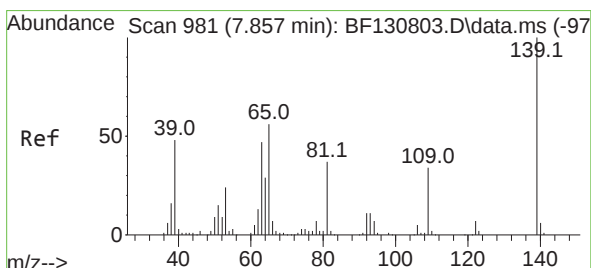
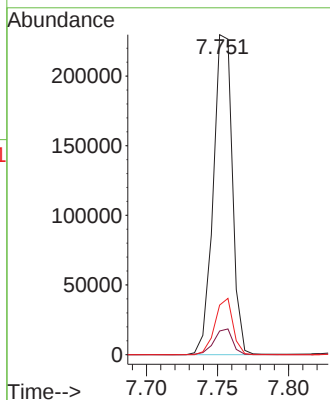
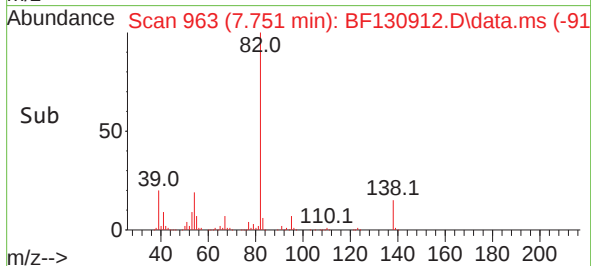
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



Tgt Ion: 82 Resp: 214764
Ion Ratio Lower Upper
82 100
95 7.4 6.2 9.4
138 15.5 13.8 20.6

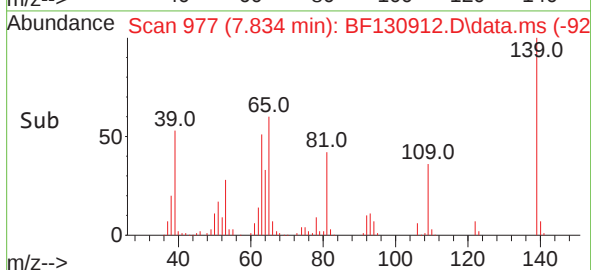
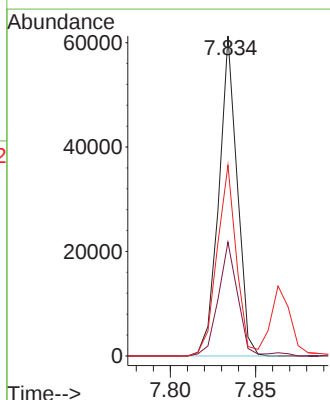
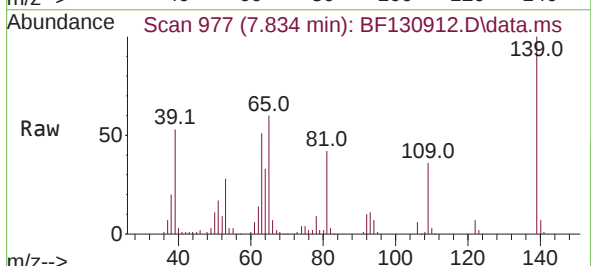
Manual Integrations
APPROVED

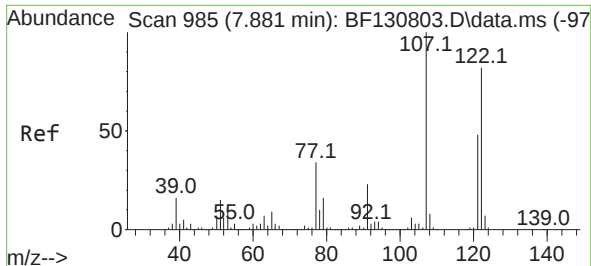
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#26
2-Nitrophenol
Concen: 25.388 ng
RT: 7.834 min Scan# 977
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

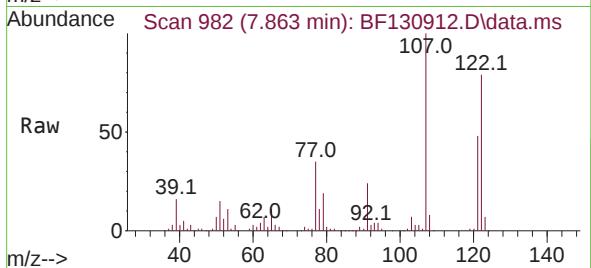
Tgt Ion:139 Resp: 45954
Ion Ratio Lower Upper
139 100
109 35.6 27.3 40.9
65 59.6 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 23.811 ng m
RT: 7.863 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

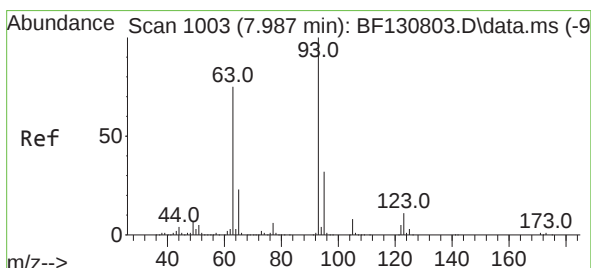
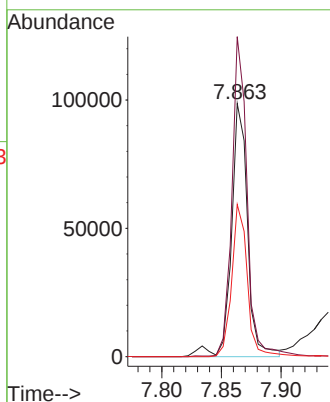
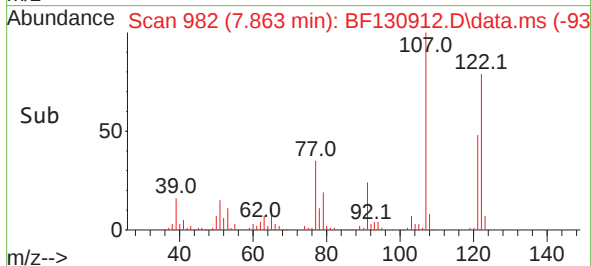
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



Tgt Ion:122 Resp: 93534
Ion Ratio Lower Upper
122 100
107 126.5 97.1 145.7
121 60.1 46.9 70.3

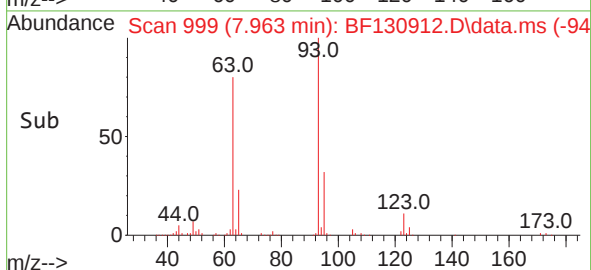
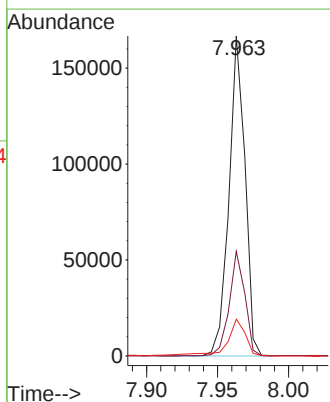
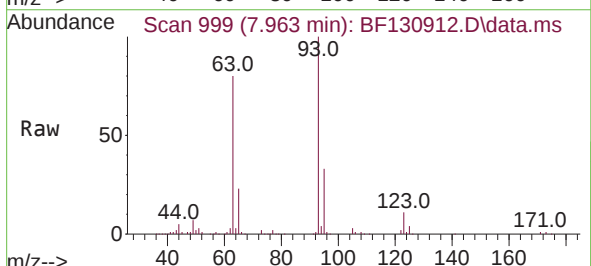
Manual Integrations
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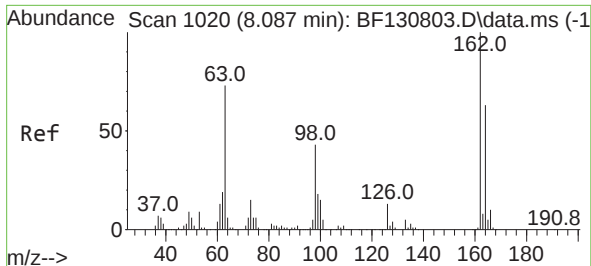
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#28
bis(2-Chloroethoxy)methane
Concen: 24.748 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

Tgt Ion: 93 Resp: 130461
Ion Ratio Lower Upper
93 100
95 32.7 25.7 38.5
123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 19.700 ng

RT: 8.075 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF130912.D

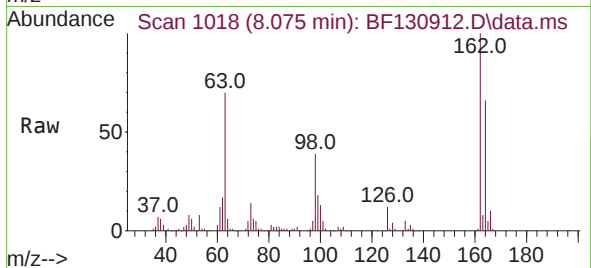
Acq: 01 Nov 2022 21:37

Instrument :

BNA_F

ClientSampleId :

LSP-SS-01-00-20MSD

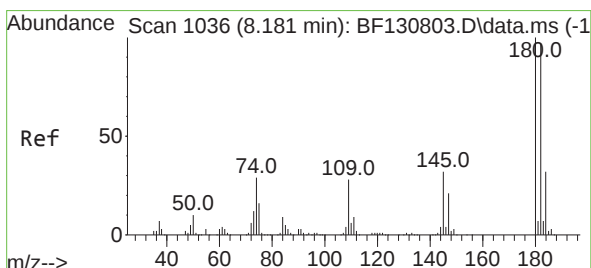
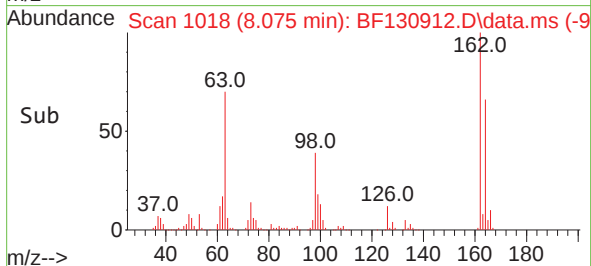
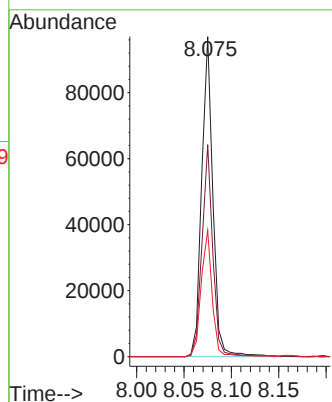


Tgt Ion:	162	Resp:	79608
Ion Ratio	Lower	Upper	
162	100		
164	66.2	43.2	83.2
98	39.4	22.8	62.8

Manual Integrations

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Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#30

1,2,4-Trichlorobenzene

Concen: 20.756 ng

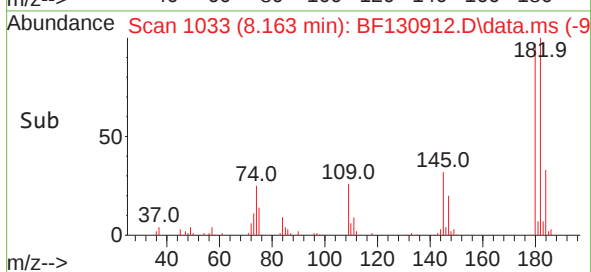
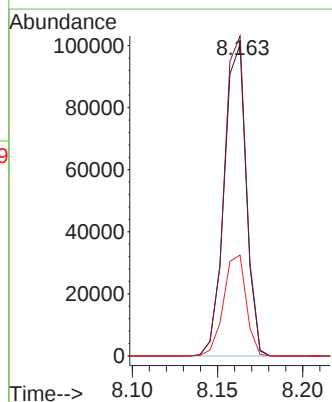
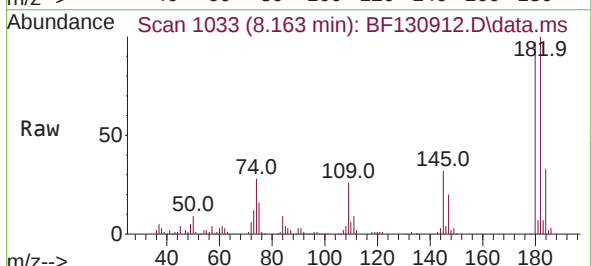
RT: 8.163 min Scan# 1033

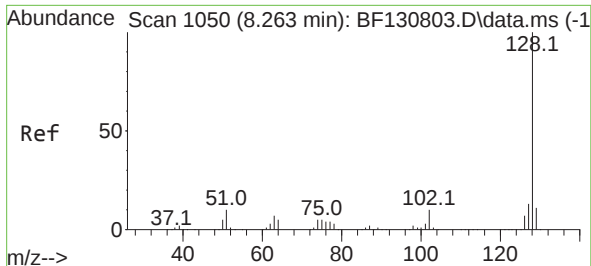
Delta R.T. 0.000 min

Lab File: BF130912.D

Acq: 01 Nov 2022 21:37

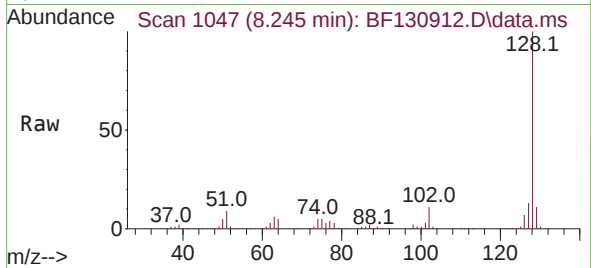
Tgt Ion:	180	Resp:	90191
Ion Ratio	Lower	Upper	
180	100		
182	102.8	77.7	116.5
145	32.4	25.9	38.9





#31
Naphthalene
Concen: 20.329 ng
RT: 8.245 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

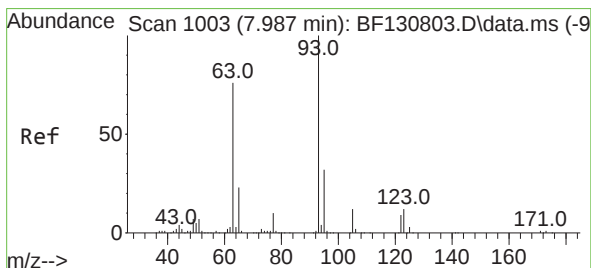
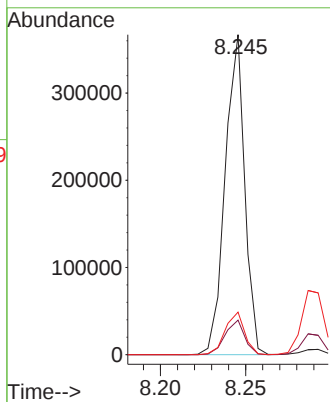
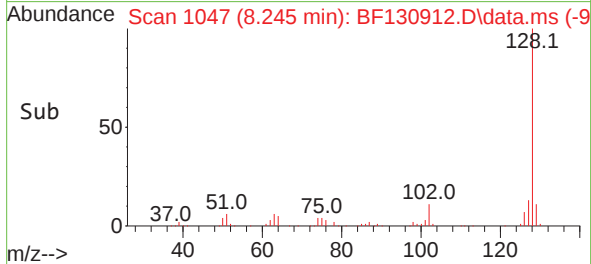
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



Tgt Ion:128 Resp: 292744
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.3 10.6 16.0

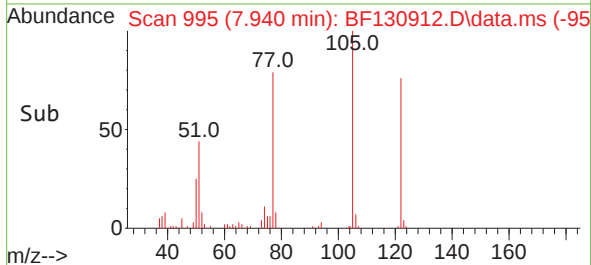
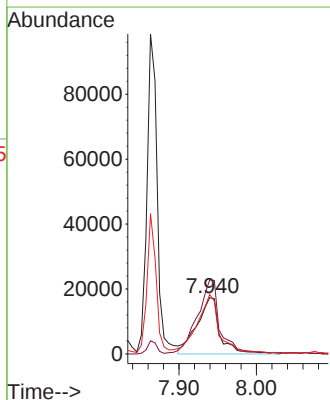
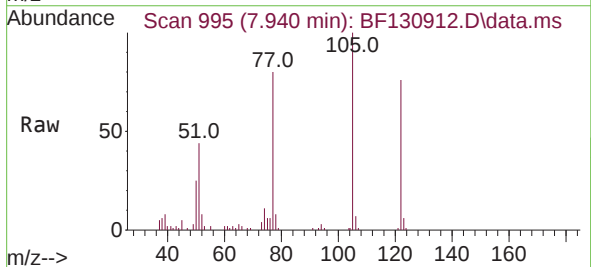
Manual Integrations
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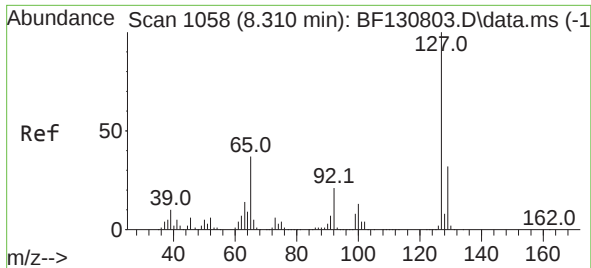
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#32
Benzoic acid
Concen: 18.506 ng
RT: 7.940 min Scan# 995
Delta R.T. -0.041 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

Tgt Ion:122 Resp: 35982
Ion Ratio Lower Upper
122 100
105 131.7 114.5 154.5
77 105.6 89.8 129.8





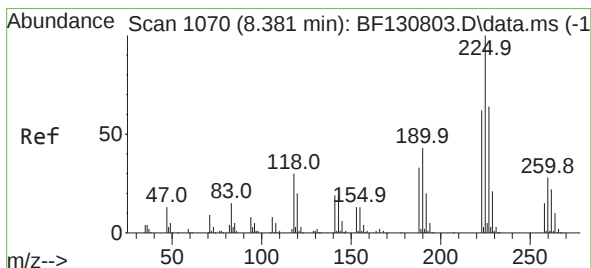
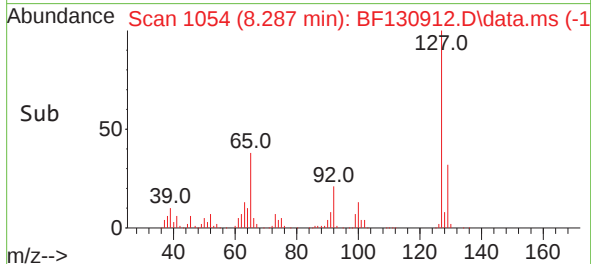
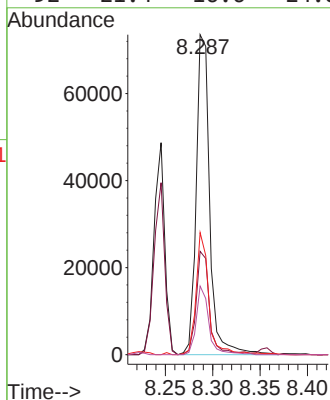
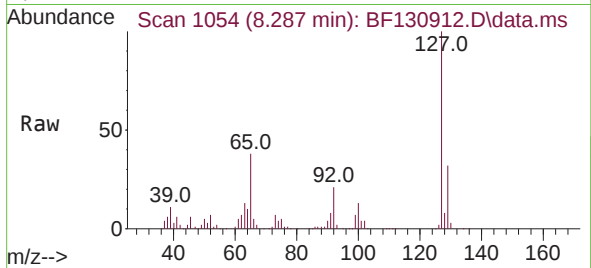
#33
4-Chloroaniline
Concen: 12.808 ng
RT: 8.287 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD

Tgt Ion:	127	Resp:	72878
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.6	38.4
65	38.1	29.4	44.2
92	21.4	16.6	24.8

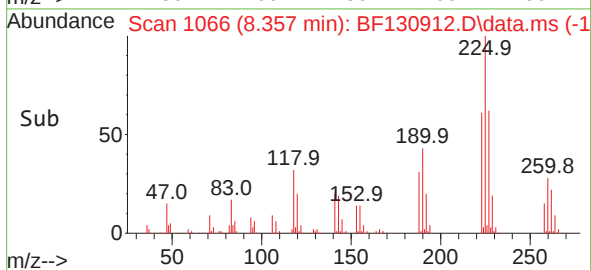
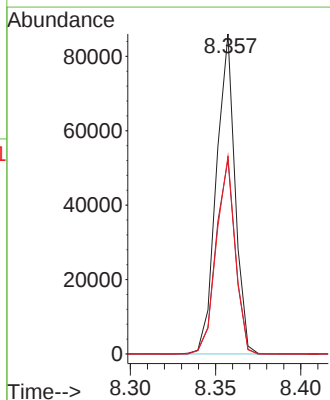
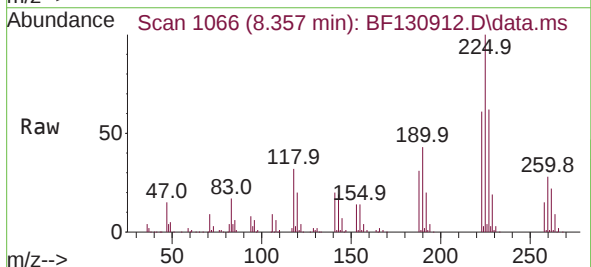
Manual Integrations
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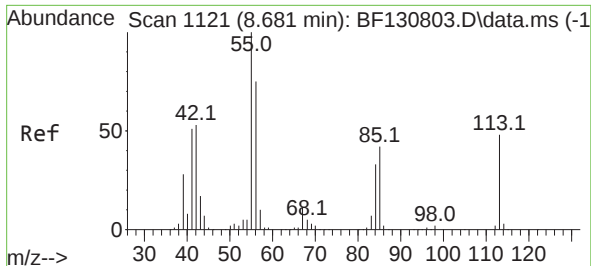
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#34
Hexachlorobutadiene
Concen: 22.639 ng
RT: 8.357 min Scan# 1066
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

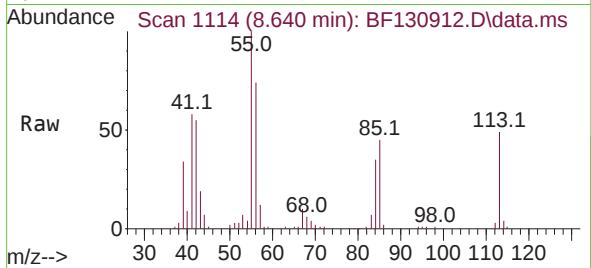
Tgt Ion:	225	Resp:	65304
Ion Ratio	Lower	Upper	
225	100		
223	60.8	49.9	74.9
227	61.7	51.5	77.3





#35
 Caprolactam
 Concen: 16.826 ng
 RT: 8.640 min Scan# 1114
 Delta R.T. -0.035 min
 Lab File: BF130912.D
 Acq: 01 Nov 2022 21:37

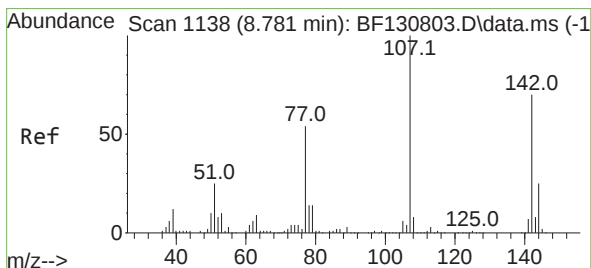
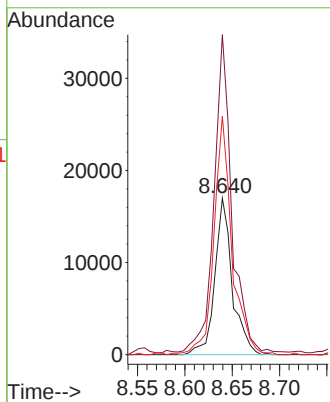
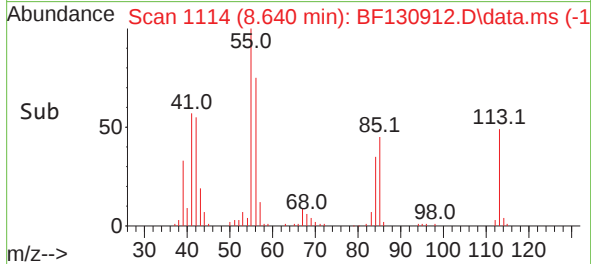
Instrument :
 BNA_F
 ClientSampleId :
 LSP-SS-01-00-20MSD



Tgt Ion:113 Resp: 21789
 Ion Ratio Lower Upper
 113 100
 55 204.6 187.0 227.0
 56 152.3 134.2 174.2

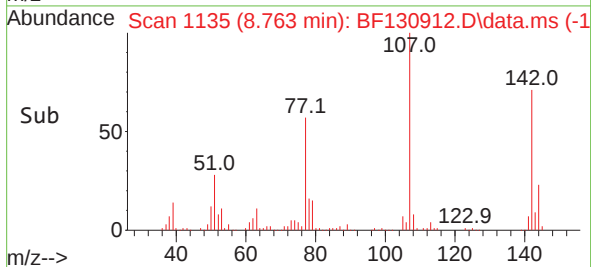
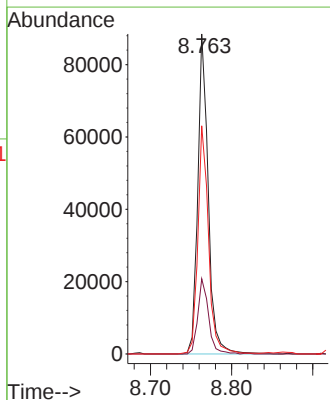
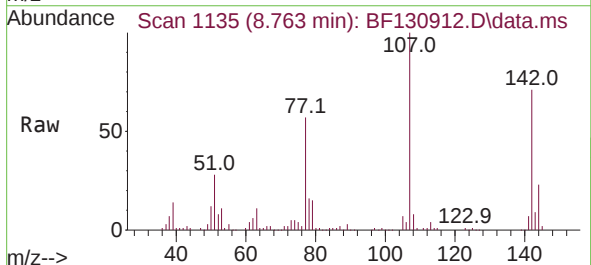
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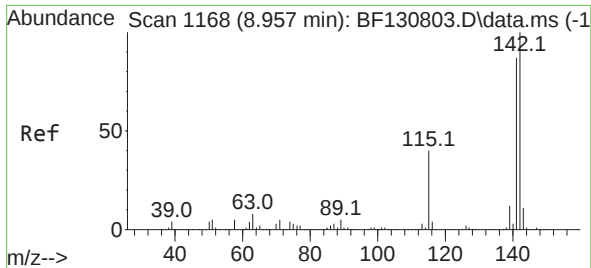
Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :mohammad ahmed 11/08/2022



#36
 4-Chloro-3-methylphenol
 Concen: 17.971 ng
 RT: 8.763 min Scan# 1135
 Delta R.T. -0.006 min
 Lab File: BF130912.D
 Acq: 01 Nov 2022 21:37

Tgt Ion:107 Resp: 78773
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.8 29.8
 142 71.3 56.0 84.0





#37

2-Methylnaphthalene

Concen: 18.967 ng

RT: 8.934 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF130912.D

Acq: 01 Nov 2022 21:37

Instrument :

BNA_F

ClientSampleId :

LSP-SS-01-00-20MSD

Tgt Ion:142 Resp: 171799

Ion Ratio Lower Upper

142 100

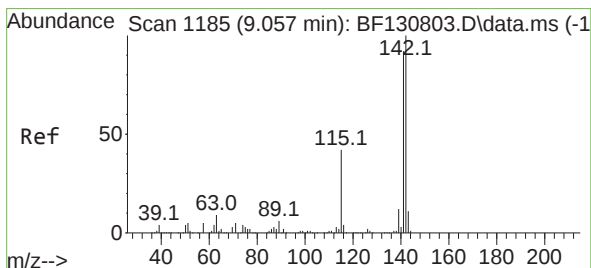
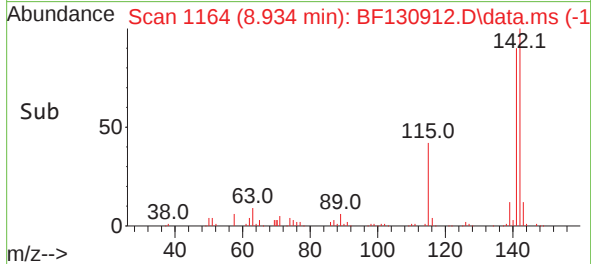
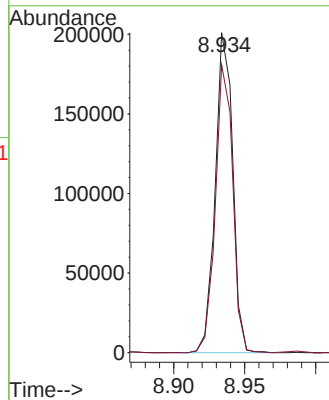
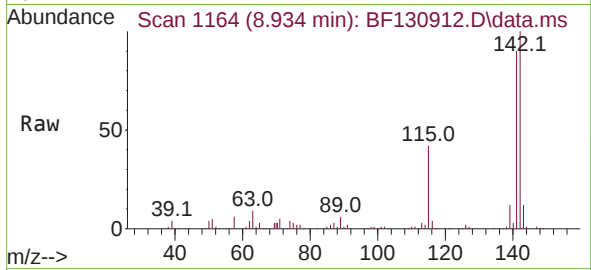
141 89.9 69.9 104.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/07/2022

Supervised By :mohammad ahmed 11/08/2022



#38

1-Methylnaphthalene

Concen: 18.237 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF130912.D

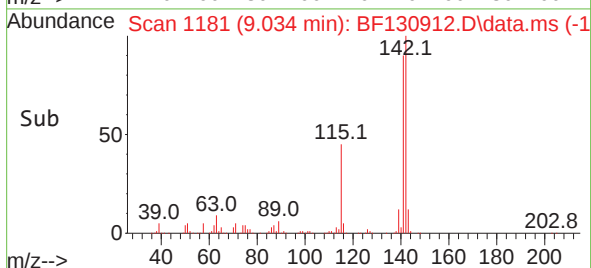
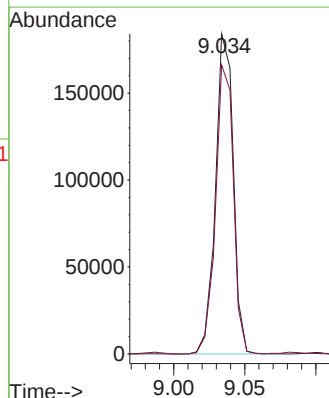
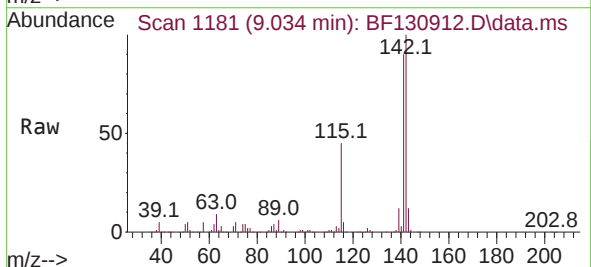
Acq: 01 Nov 2022 21:37

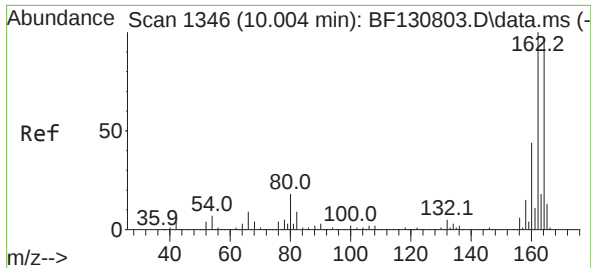
Tgt Ion:142 Resp: 160758

Ion Ratio Lower Upper

142 100

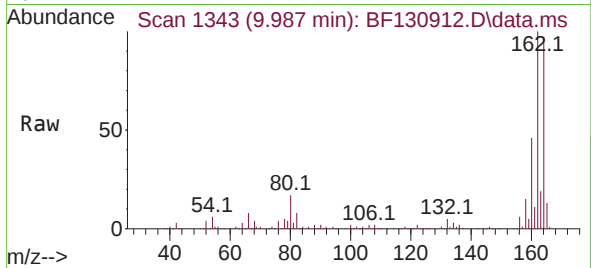
141 90.3 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.987 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

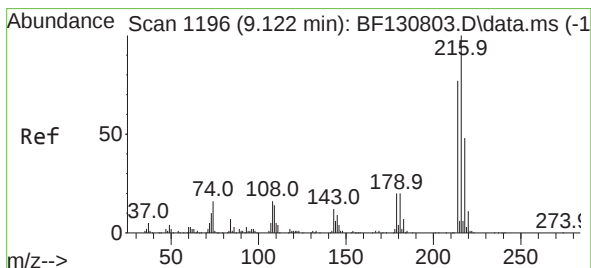
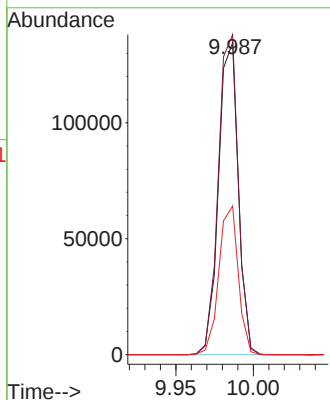
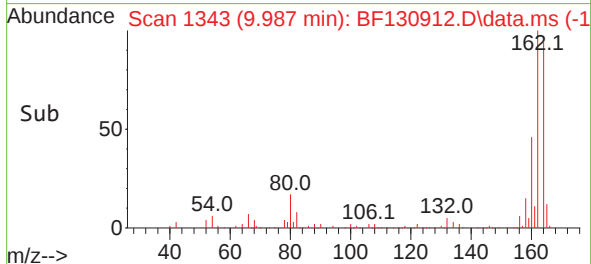
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



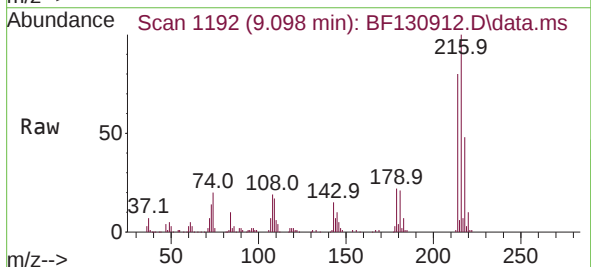
Tgt Ion:164 Resp: 119429
Ion Ratio Lower Upper
164 100
162 102.6 82.2 123.2
160 47.6 36.6 54.8

Manual Integrations
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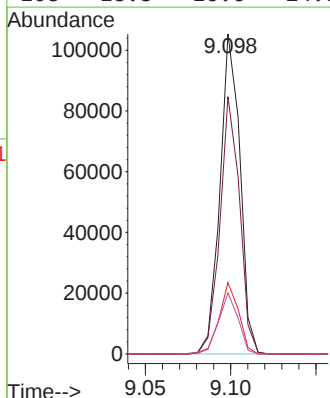
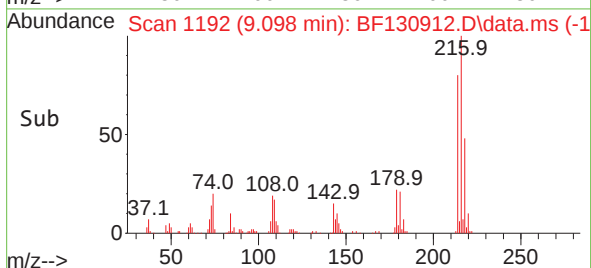
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

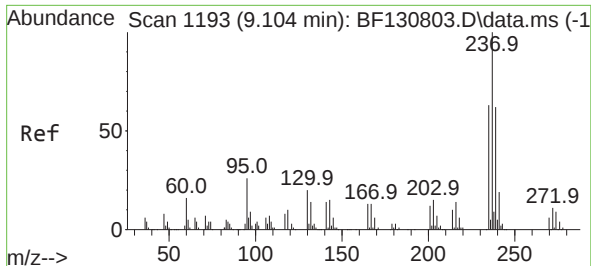


#40
1,2,4,5-Tetrachlorobenzene
Concen: 25.392 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37



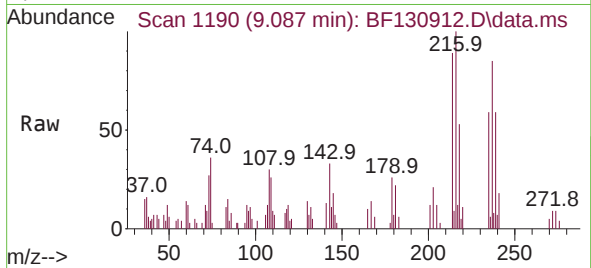
Tgt Ion:216 Resp: 85999
Ion Ratio Lower Upper
216 100
214 78.7 62.7 94.1
179 21.5 16.9 25.3
108 18.8 16.6 24.8





#41
Hexachlorocyclopentadiene
Concen: 2.726 ng
RT: 9.087 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

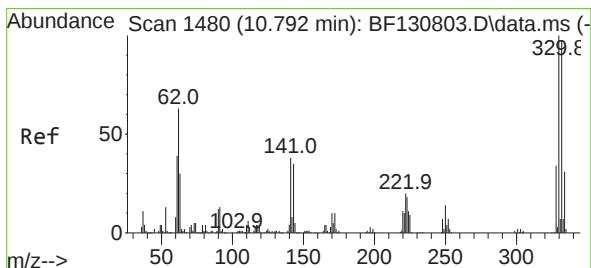
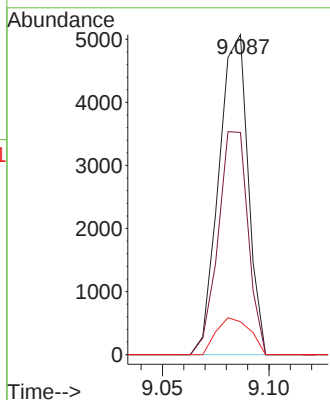
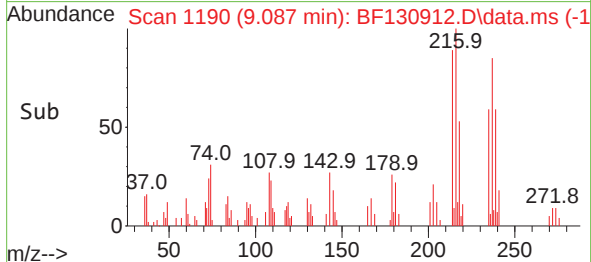
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



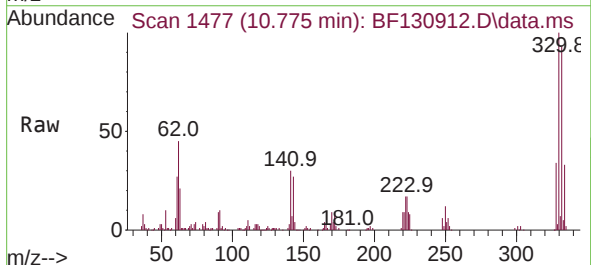
Tgt Ion: 237 Resp: 485
Ion Ratio Lower Upper
237 100
235 69.4 43.5 83.5
272 10.3 0.0 31.4

Manual Integrations
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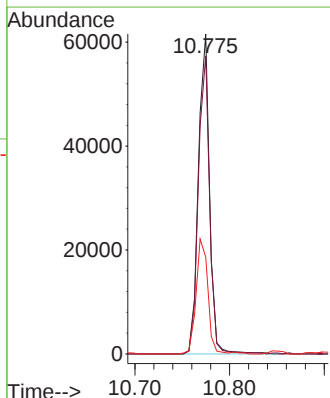
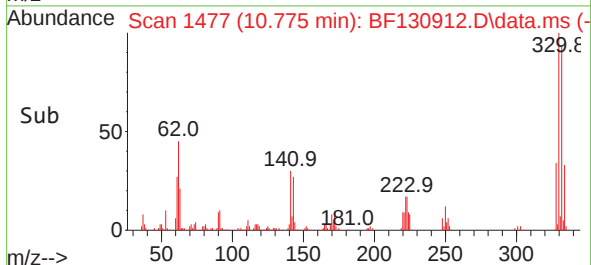
Reviewed By : Christian Giraldo 11/07/2022
Supervised By : mohammad ahmed 11/08/2022

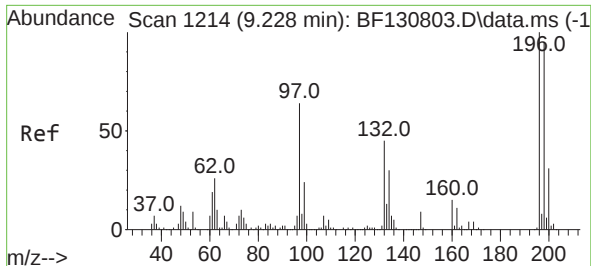


#42
2,4,6-Tribromophenol
Concen: 50.023 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37



Tgt Ion: 330 Resp: 50291
Ion Ratio Lower Upper
330 100
332 94.0 76.2 114.4
141 37.5 31.4 47.0





#43

2,4,6-Trichlorophenol

Concen: 21.926 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF130912.D

Acq: 01 Nov 2022 21:37

Instrument :

BNA_F

ClientSampleId :

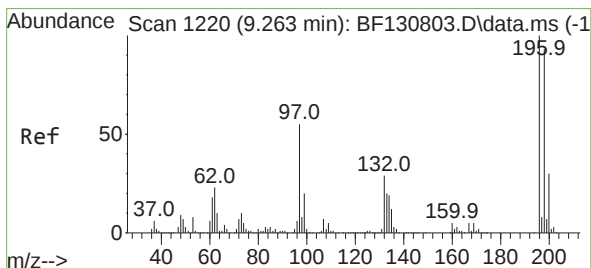
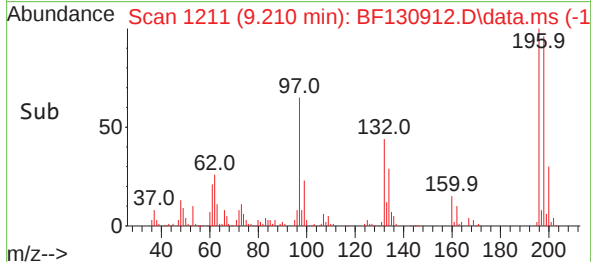
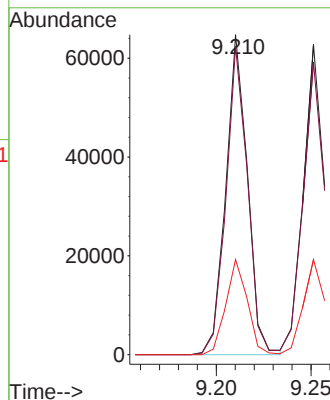
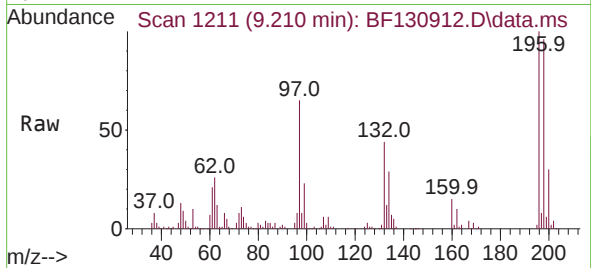
LSP-SS-01-00-20MSD

Tgt Ion:196 Resp: 51599
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.1 114.1
 200 29.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :mohammad ahmed 11/08/2022



#44

2,4,5-Trichlorophenol

Concen: 20.635 ng

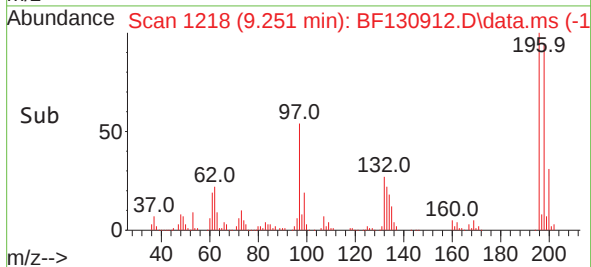
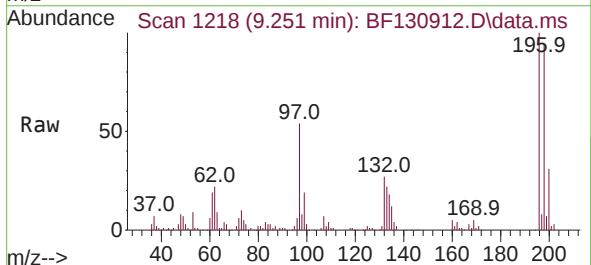
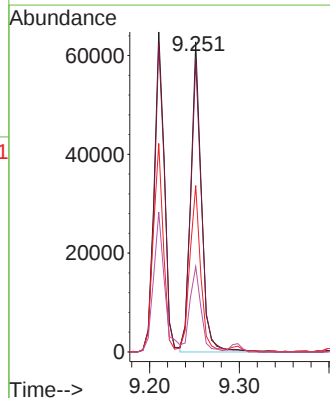
RT: 9.251 min Scan# 1218

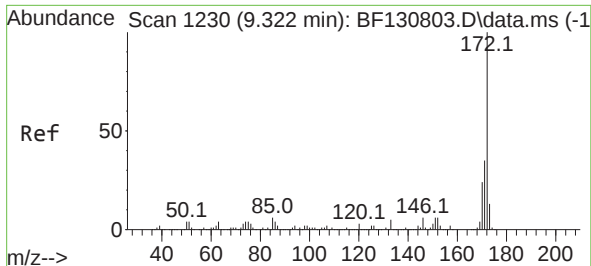
Delta R.T. -0.006 min

Lab File: BF130912.D

Acq: 01 Nov 2022 21:37

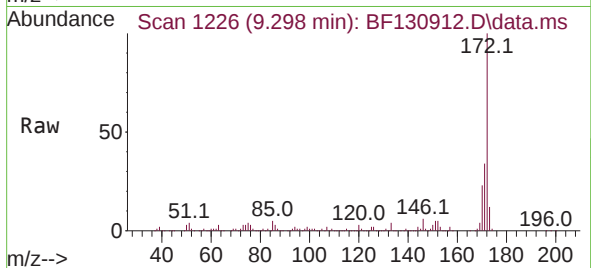
Tgt Ion:196 Resp: 51884
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.6 112.0
 97 53.7 44.7 67.1
 132 27.5 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 33.495 ng
RT: 9.298 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

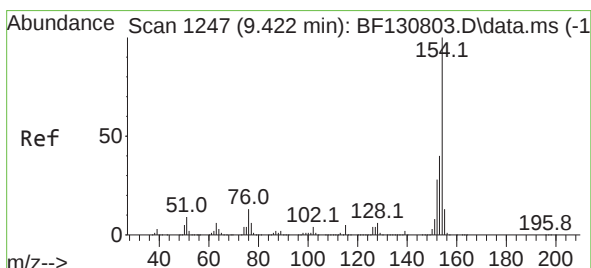
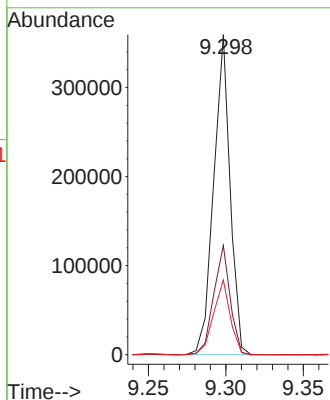
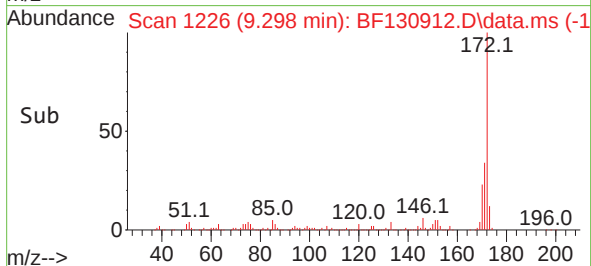
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



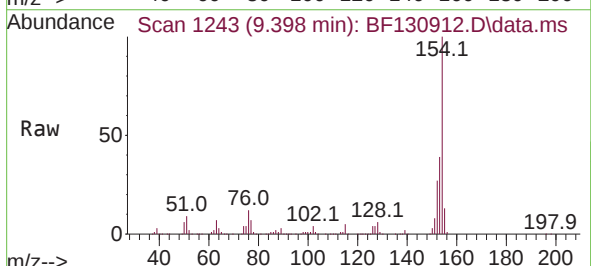
Tgt Ion:172 Resp: 264592
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 23.3 19.0 28.4

Manual Integrations
APPROVED

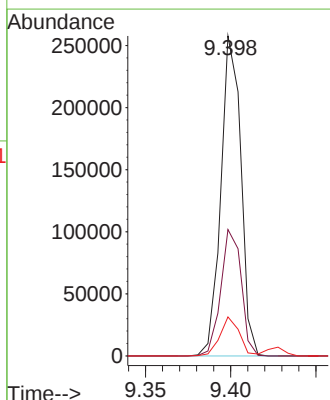
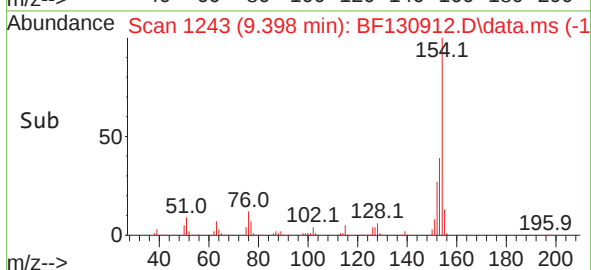
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

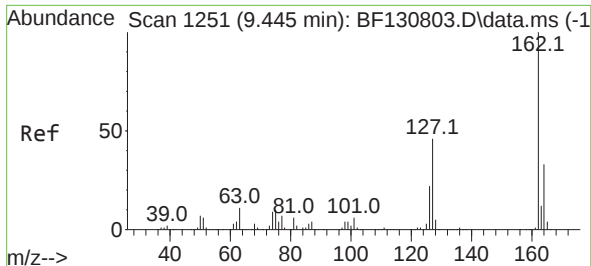


#46
1,1'-Biphenyl
Concen: 24.688 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37



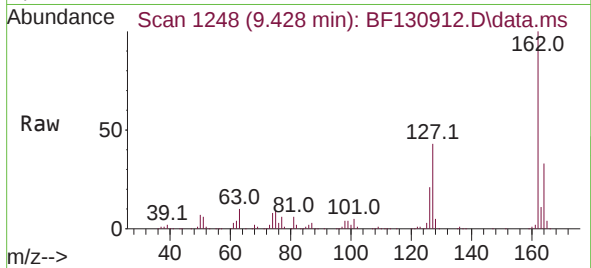
Tgt Ion:154 Resp: 210066
Ion Ratio Lower Upper
154 100
153 39.5 19.9 59.9
76 12.2 0.0 32.5





#47
2-Chloronaphthalene
Concen: 22.458 ng
RT: 9.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

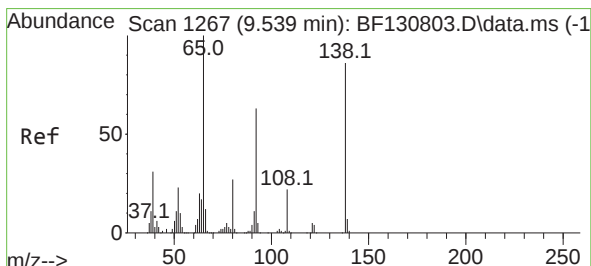
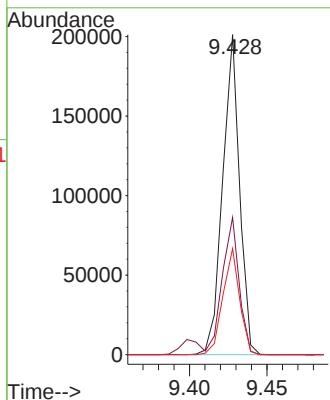
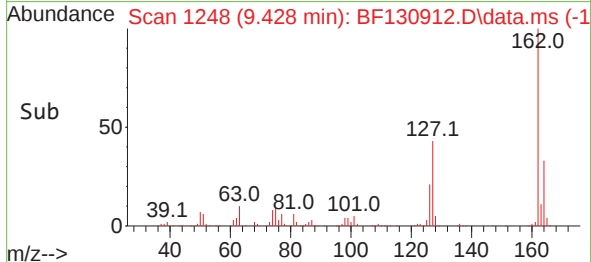
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



Tgt Ion:162 Resp: 153226
Ion Ratio Lower Upper
162 100
127 42.9 36.6 54.8
164 33.1 26.5 39.7

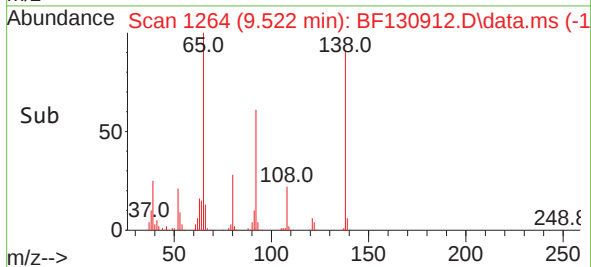
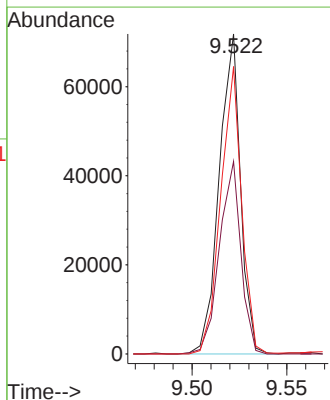
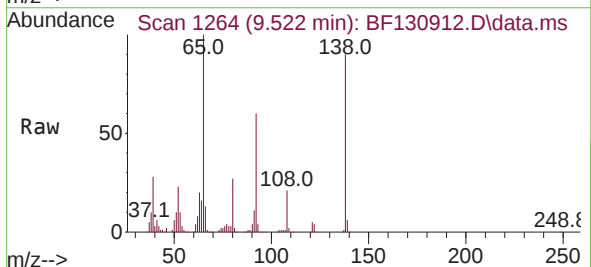
Manual Integrations
APPROVED

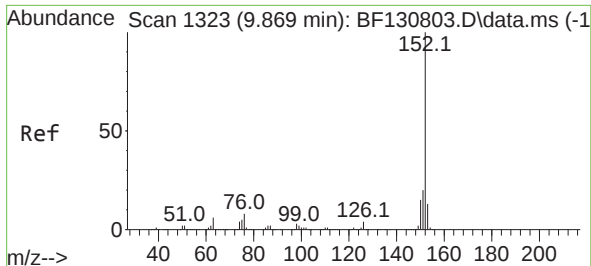
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#48
2-Nitroaniline
Concen: 27.486 ng
RT: 9.522 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

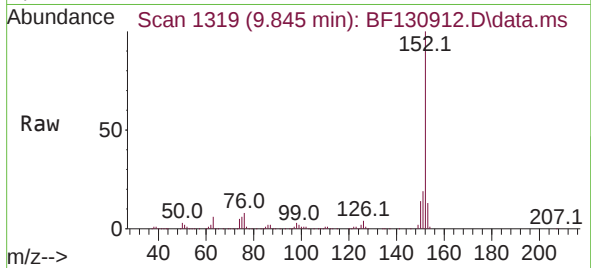
Tgt Ion: 65 Resp: 56045
Ion Ratio Lower Upper
65 100
92 60.1 50.1 75.1
138 89.8 69.2 103.8





#49
Acenaphthylene
Concen: 22.481 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

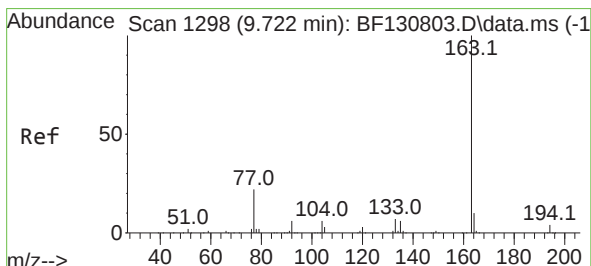
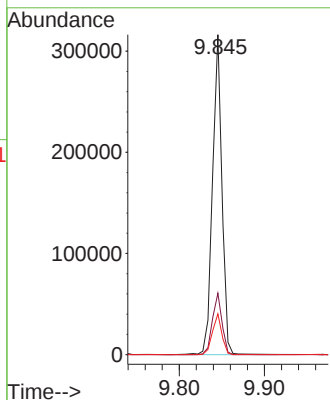
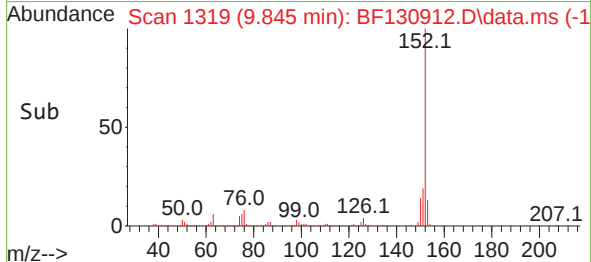
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



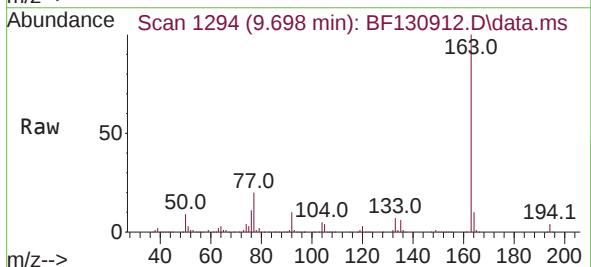
Tgt Ion:152 Resp: 242382
Ion Ratio Lower Upper
152 100
151 19.2 15.8 23.8
153 12.7 10.2 15.4

Manual Integrations
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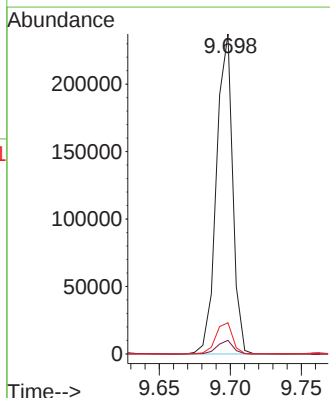
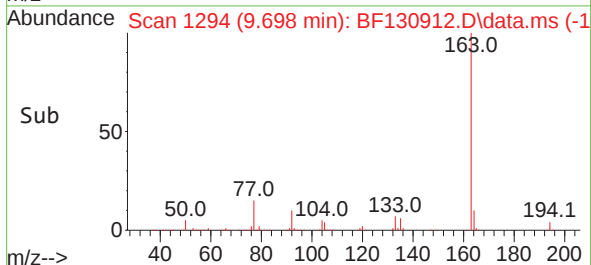
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

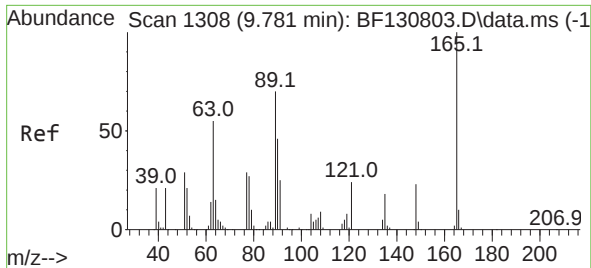


#50
Dimethylphthalate
Concen: 22.973 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37



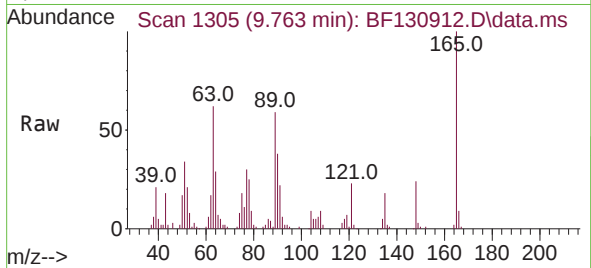
Tgt Ion:163 Resp: 188445
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 9.7 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 23.099 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

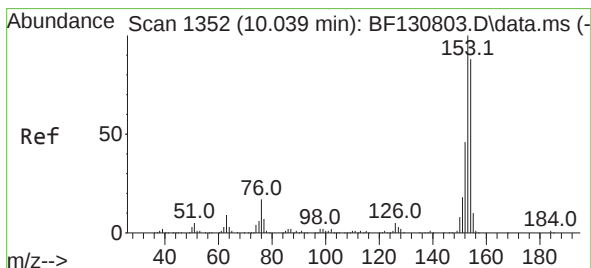
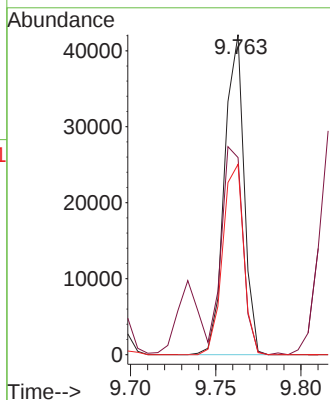
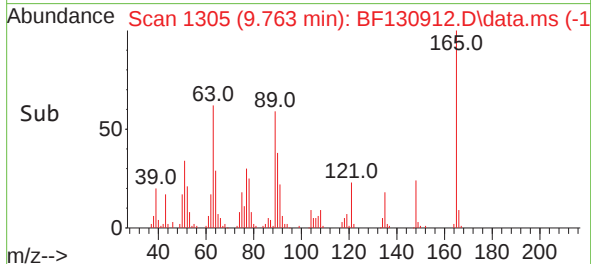
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



Tgt Ion:165 Resp: 33624
Ion Ratio Lower Upper
165 100
63 61.6 61.8 92.8
89 59.5 56.2 84.4

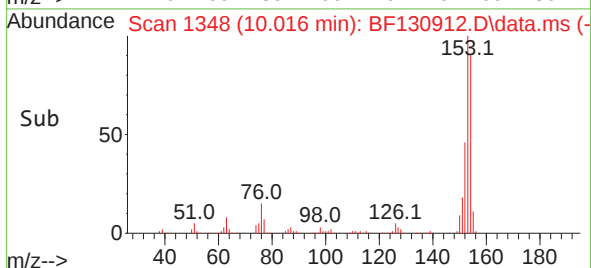
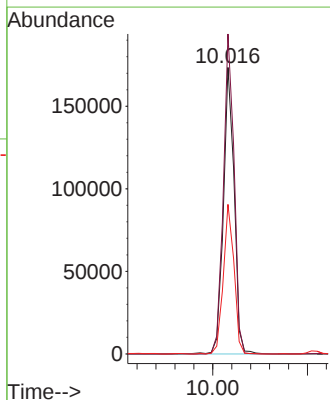
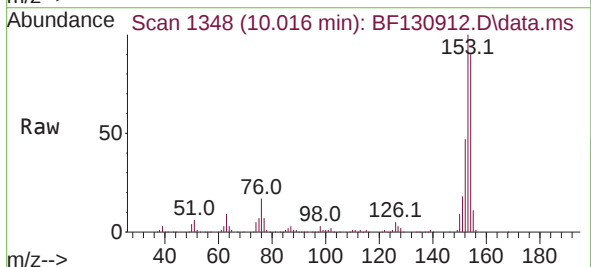
Manual Integrations
APPROVED

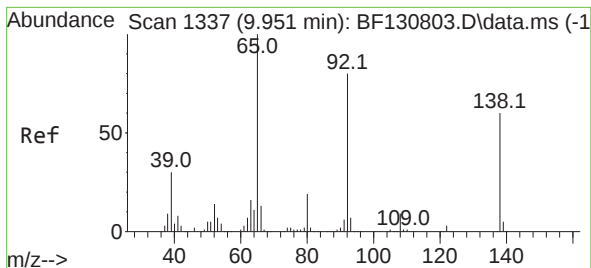
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#52
Acenaphthene
Concen: 20.402 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

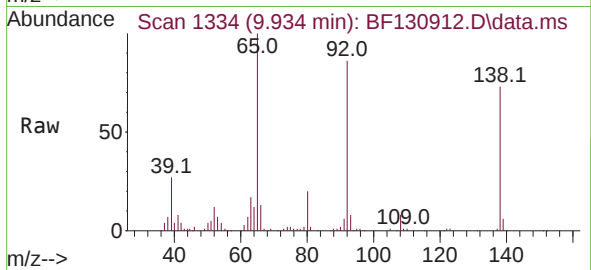
Tgt Ion:154 Resp: 136017
Ion Ratio Lower Upper
154 100
153 111.7 90.5 135.7
152 52.2 42.0 63.0





#53
3-Nitroaniline
Concen: 22.667 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

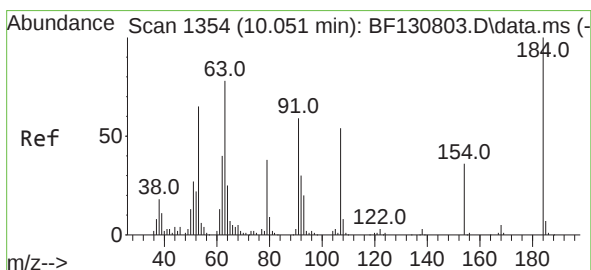
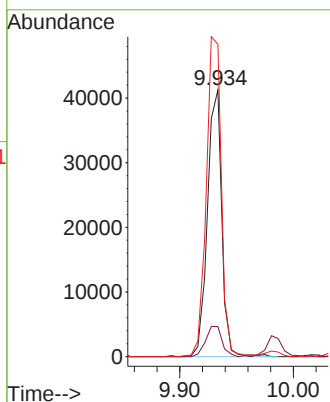
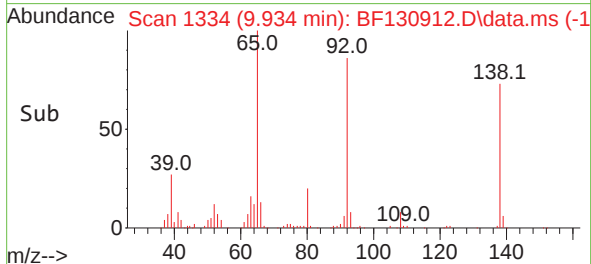
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



Tgt Ion:138 Resp: 36216
Ion Ratio Lower Upper
138 100
108 11.3 12.7 19.1
92 117.2 107.8 161.8

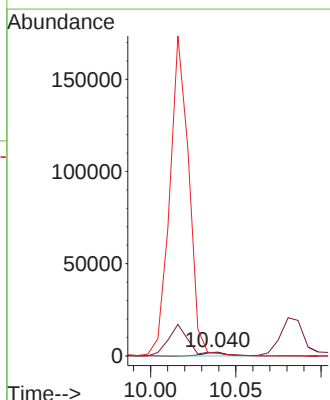
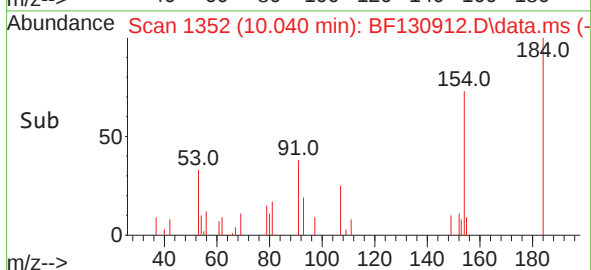
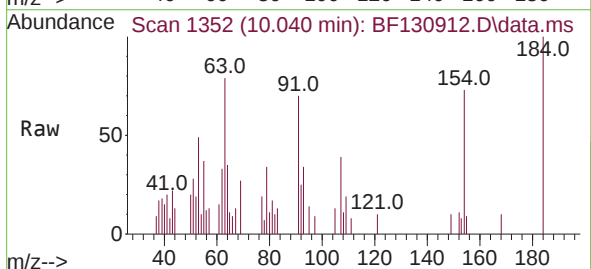
Manual Integrations
APPROVED

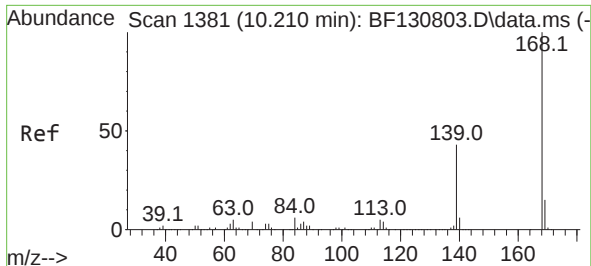
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#54
2,4-Dinitrophenol
Concen: 8.164 ng
RT: 10.040 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

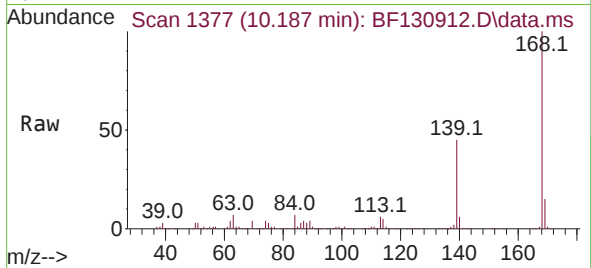
Tgt Ion:184 Resp: 1962
Ion Ratio Lower Upper
184 100
63 78.9 66.7 100.1
154 73.3 62.2 93.2





#55
Dibenzofuran
Concen: 20.304 ng
RT: 10.187 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

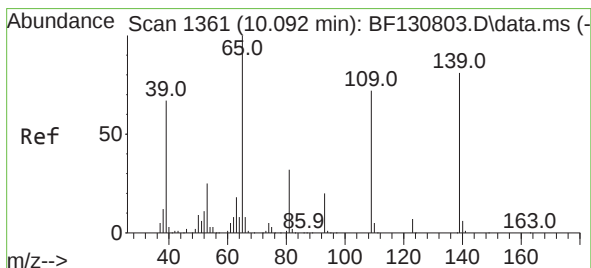
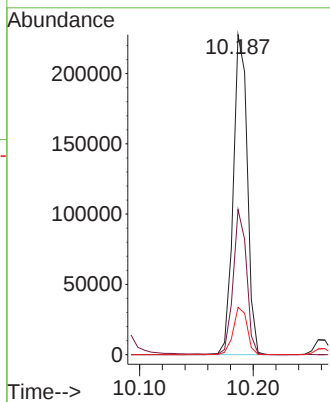
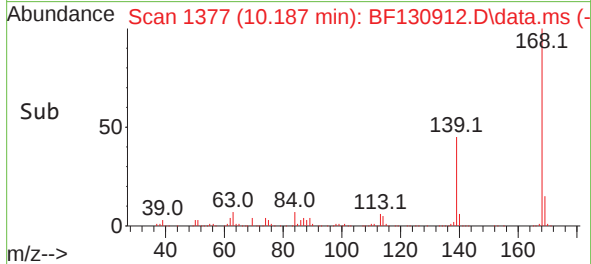
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



Tgt Ion:168 Resp: 196211
Ion Ratio Lower Upper
168 100
139 45.3 34.3 51.5
169 14.8 11.9 17.9

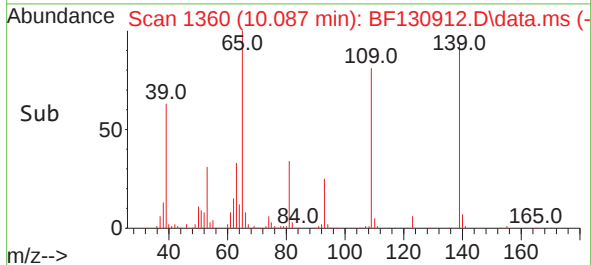
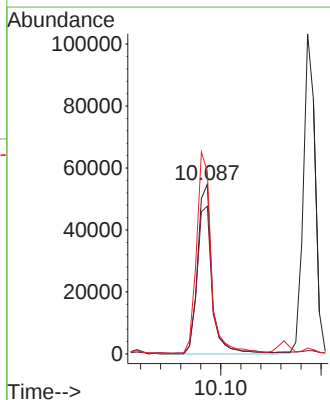
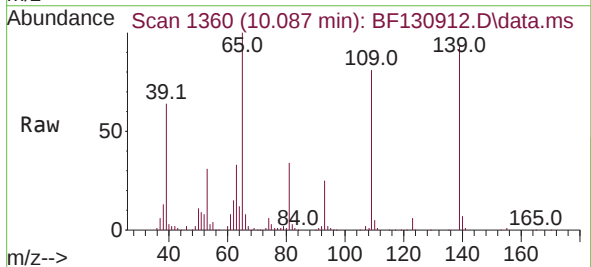
Manual Integrations
APPROVED

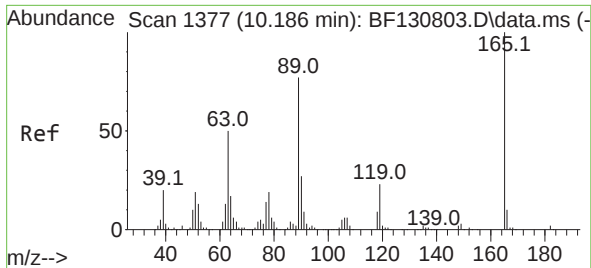
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#56
4-Nitrophenol
Concen: 43.273 ng
RT: 10.087 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

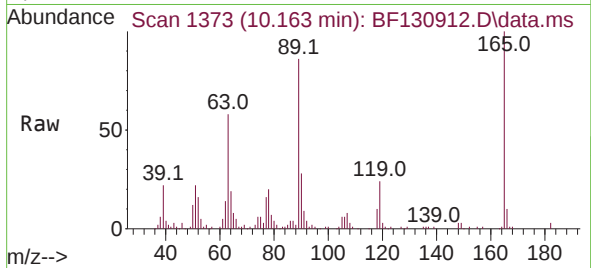
Tgt Ion:139 Resp: 54745
Ion Ratio Lower Upper
139 100
109 87.1 69.3 109.3
65 107.5 105.3 145.3





#57
2,4-Dinitrotoluene
Concen: 22.952 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.012 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

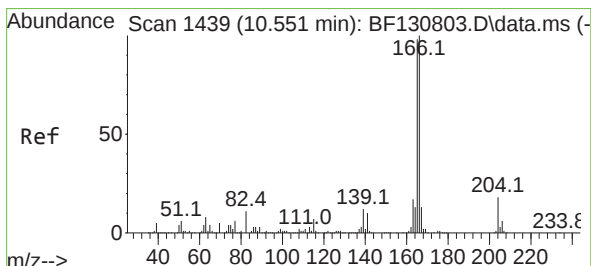
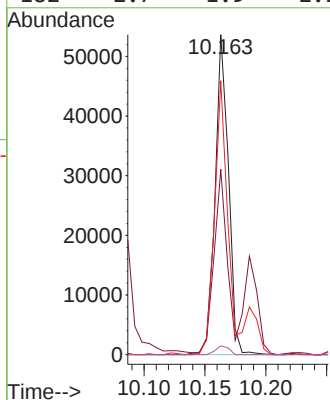
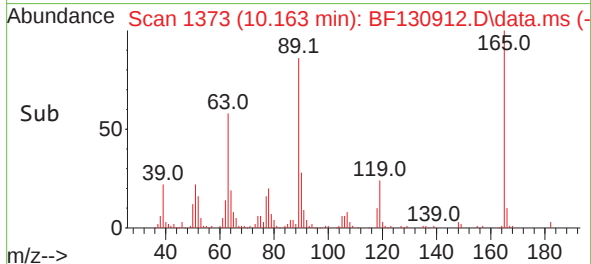
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



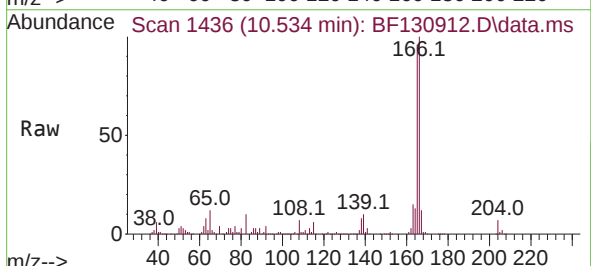
Tgt Ion:165 Resp: 40862
Ion Ratio Lower Upper
165 100
63 57.9 39.8 59.6
89 85.6 61.9 92.9
182 2.7 1.9 2.9

Manual Integrations
APPROVED

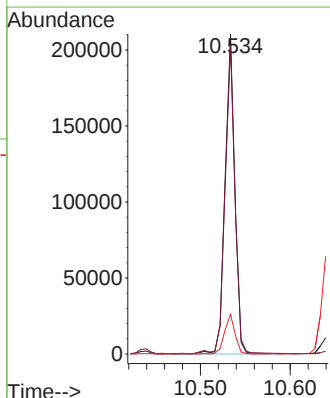
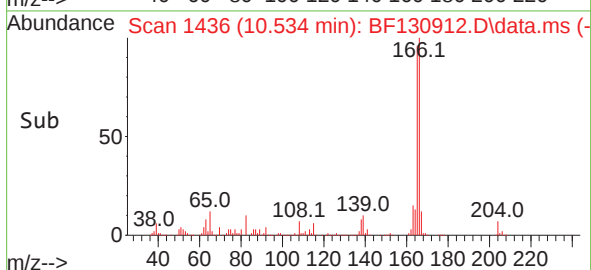
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

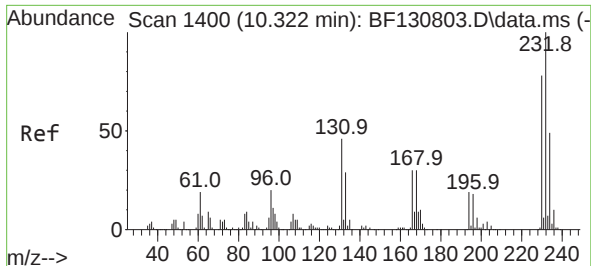


#58
Fluorene
Concen: 20.869 ng
RT: 10.534 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37



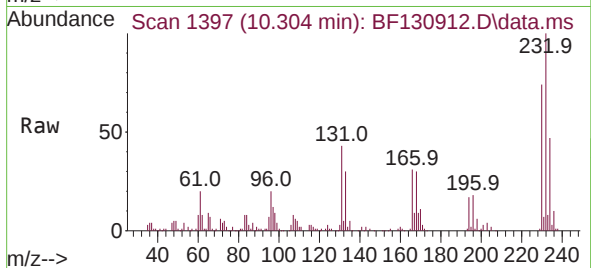
Tgt Ion:166 Resp: 158794
Ion Ratio Lower Upper
166 100
165 96.5 78.1 117.1
167 12.3 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 19.880 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

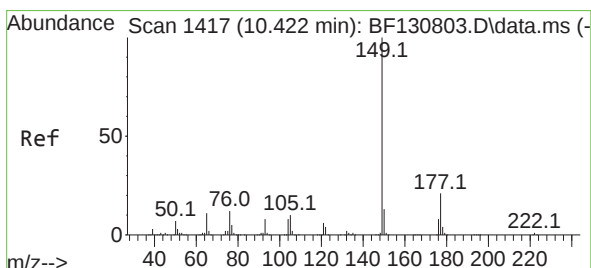
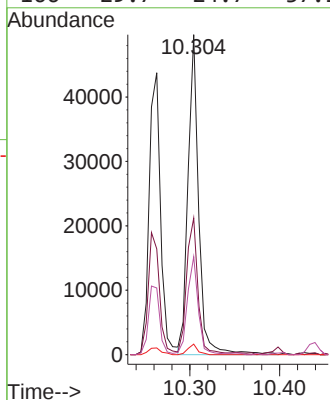
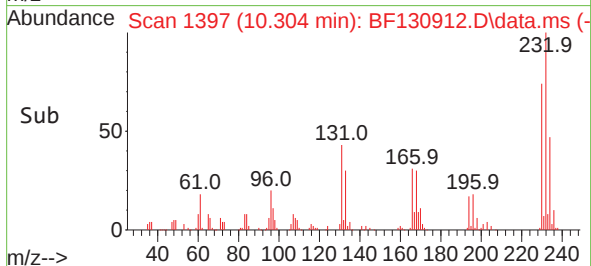
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



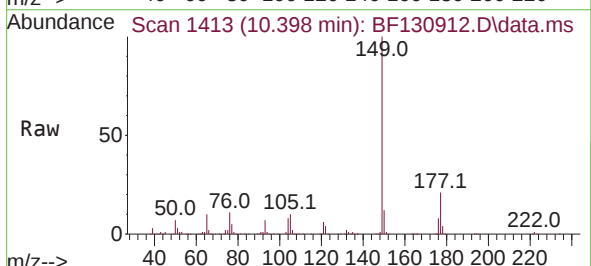
Tgt Ion:232 Resp: 41210
Ion Ratio Lower Upper
232 100
131 43.5 39.6 59.4
130 2.9 2.1 3.1
166 29.7 24.7 37.1

Manual Integrations
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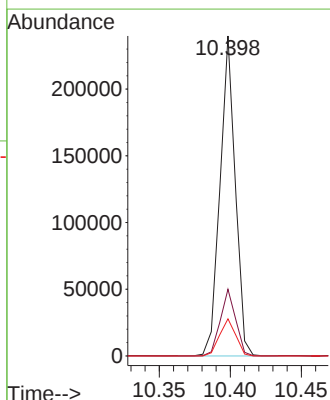
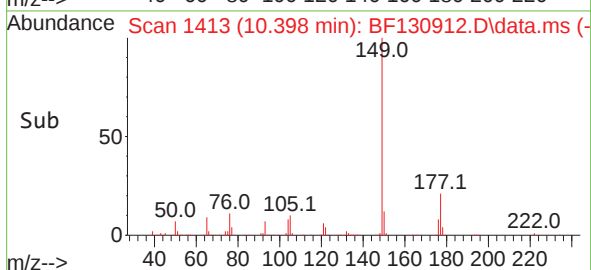
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

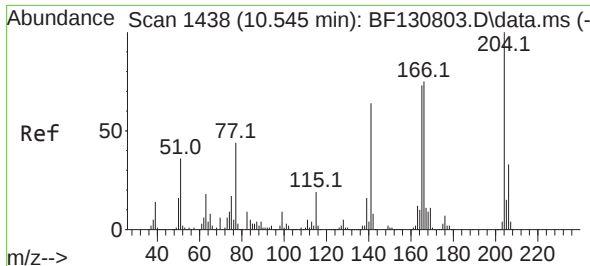


#60
Diethylphthalate
Concen: 22.354 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37



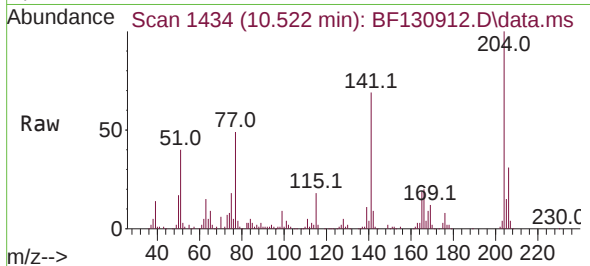
Tgt Ion:149 Resp: 180337
Ion Ratio Lower Upper
149 100
177 20.8 17.2 25.8
150 11.6 10.8 16.2





#61
4-Chlorophenyl-phenylether
Concen: 21.940 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

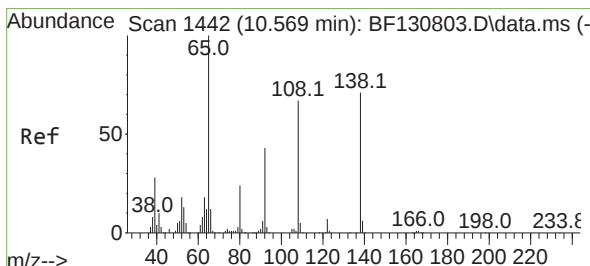
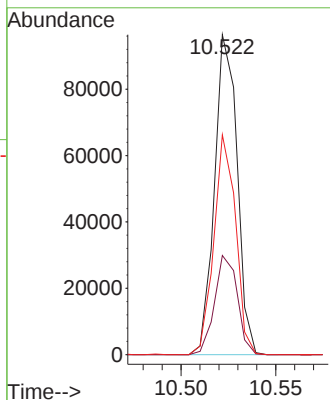
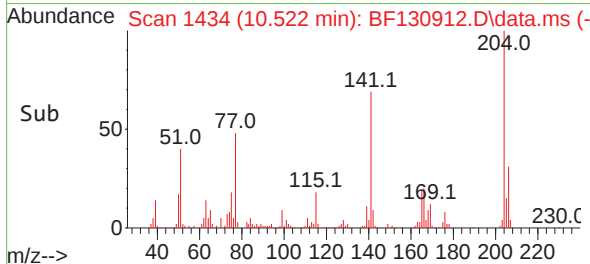
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



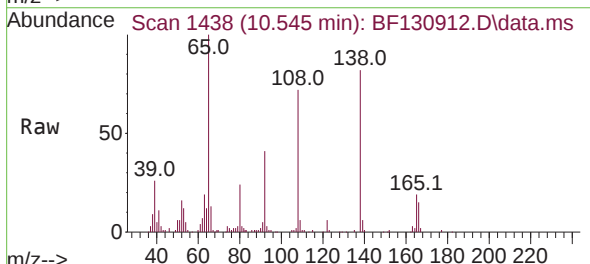
Tgt Ion:204 Resp: 79862
Ion Ratio Lower Upper
204 100
206 31.0 26.6 39.8
141 68.7 51.3 76.9

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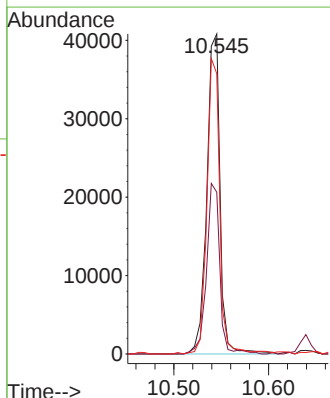
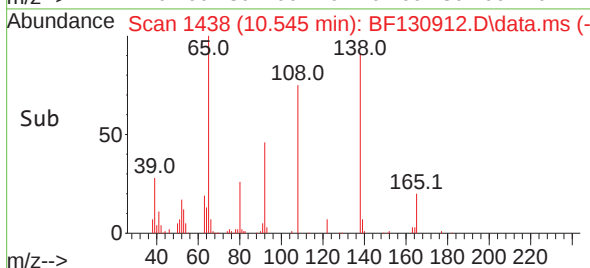
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

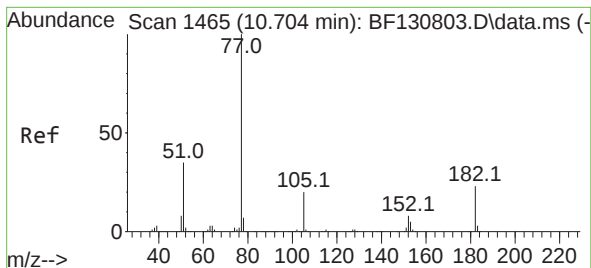


#62
4-Nitroaniline
Concen: 24.618 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37



Tgt Ion:138 Resp: 39830
Ion Ratio Lower Upper
138 100
92 50.5 40.6 80.6
108 87.6 74.7 114.7





#63

Azobenzene

Concen: 19.773 ng

RT: 10.687 min Scan# 1465

Delta R.T. 0.000 min

Lab File: BF130912.D

Acq: 01 Nov 2022 21:37

Instrument :

BNA_F

ClientSampleId :

LSP-SS-01-00-20MSD

Tgt Ion: 77 Resp: 16651

Ion Ratio Lower Upper

77 100

182 26.7 2.6 42.6

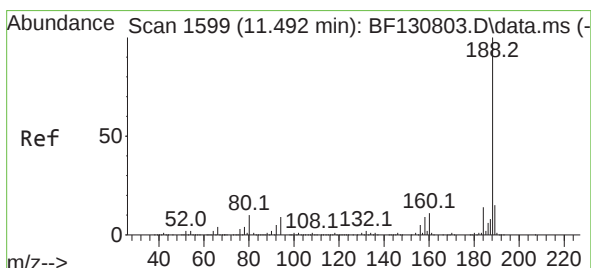
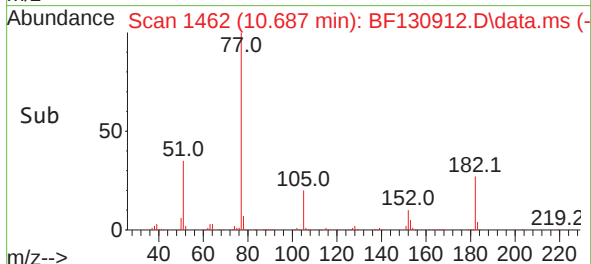
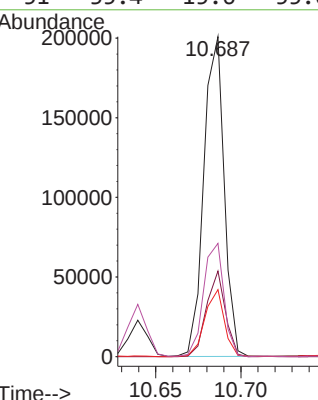
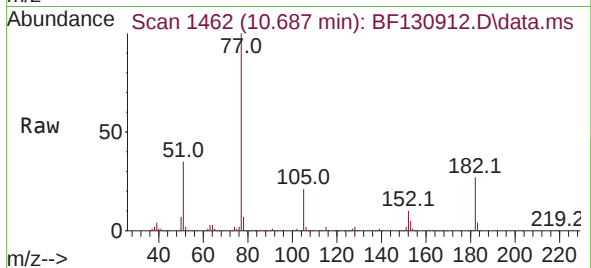
105 20.9 0.0 40.0

51 35.4 15.6 55.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.475 min Scan# 1596

Delta R.T. -0.006 min

Lab File: BF130912.D

Acq: 01 Nov 2022 21:37

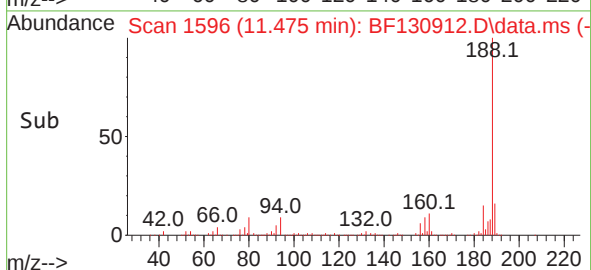
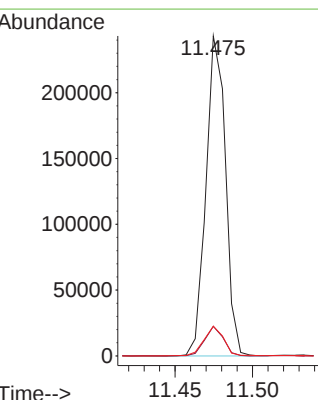
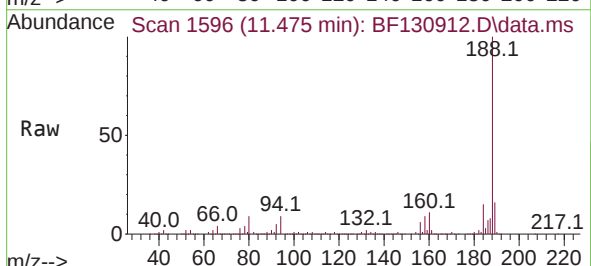
Tgt Ion:188 Resp: 213506

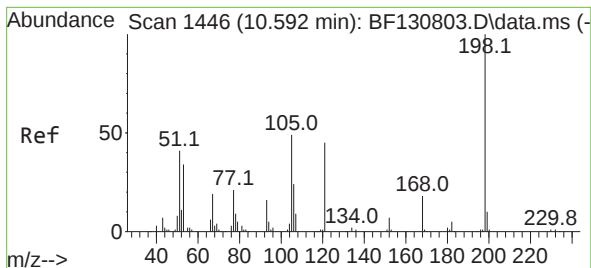
Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

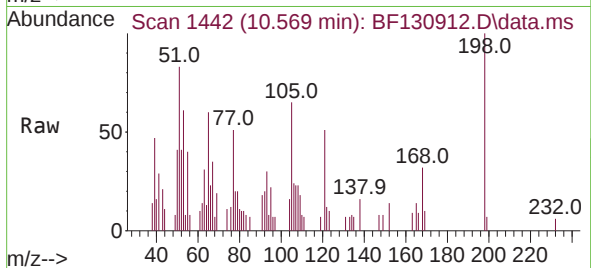
80 9.3 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 9.939 ng
RT: 10.569 min Scan# 1446
Delta R.T. -0.012 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

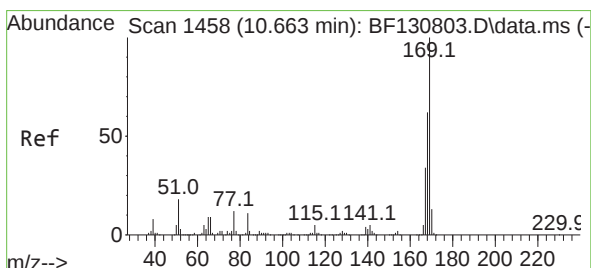
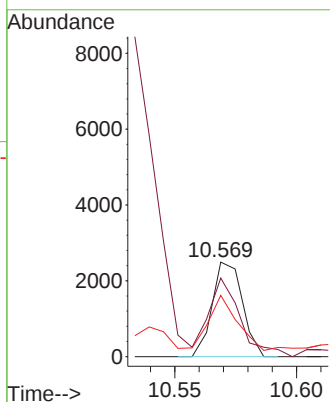
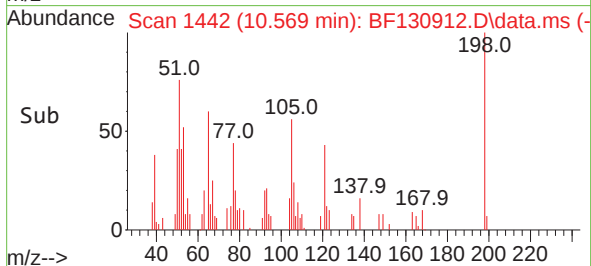
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



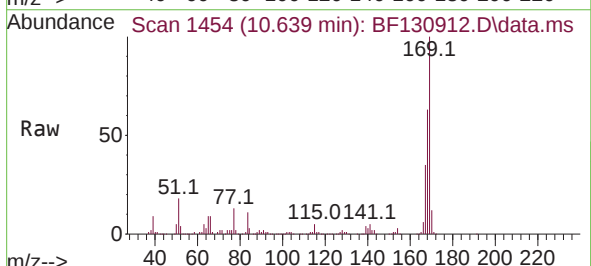
Tgt Ion:198 Resp: 2149
Ion Ratio Lower Upper
198 100
51 83.0 39.0 79.0
105 64.8 30.6 70.6

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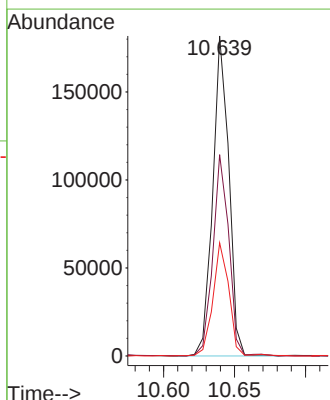
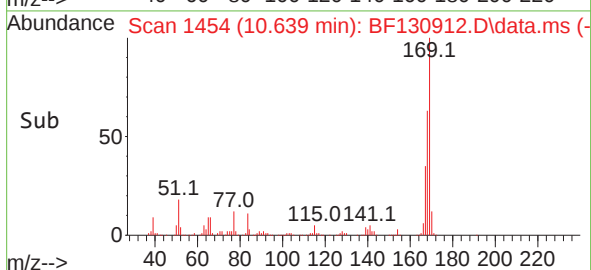
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

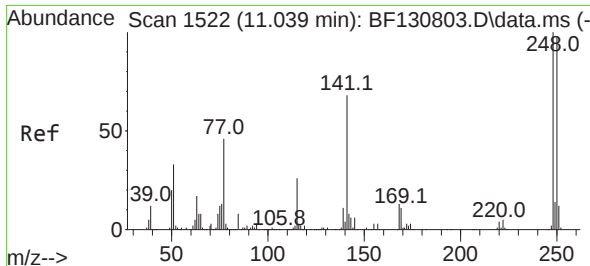


#66
n-Nitrosodiphenylamine
Concen: 21.463 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37



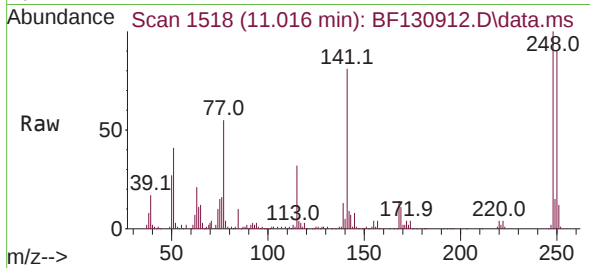
Tgt Ion:169 Resp: 142937
Ion Ratio Lower Upper
169 100
168 62.9 49.4 74.0
167 35.3 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 22.604 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

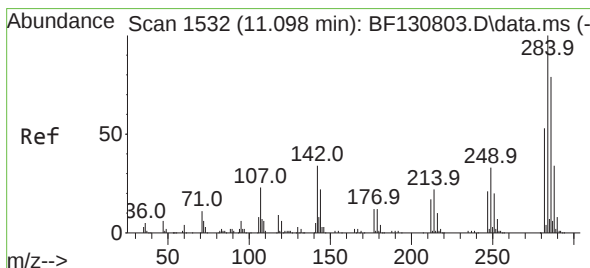
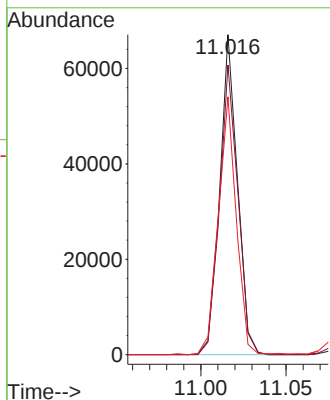
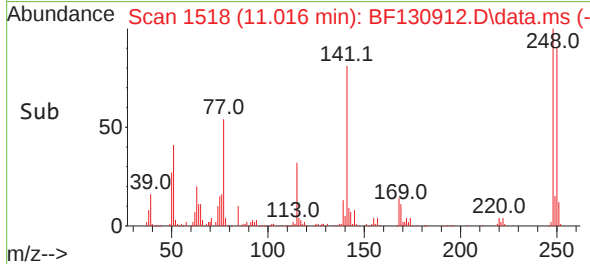
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



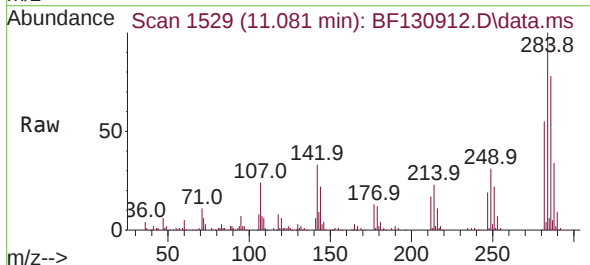
Tgt Ion:248 Resp: 48534
Ion Ratio Lower Upper
248 100
250 90.5 78.6 117.8
141 80.6 54.2 81.4

Manual Integrations
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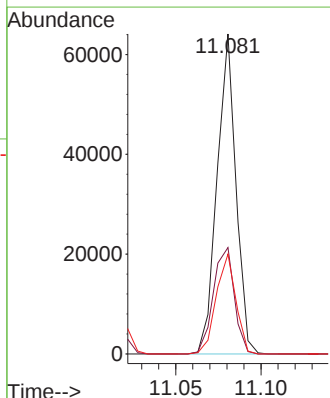
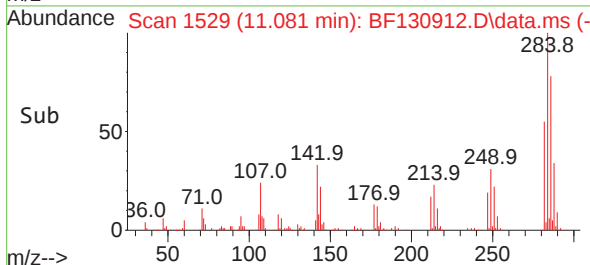
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

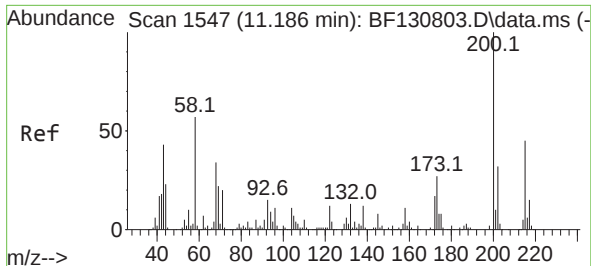


#68
Hexachlorobenzene
Concen: 20.868 ng
RT: 11.081 min Scan# 1529
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37



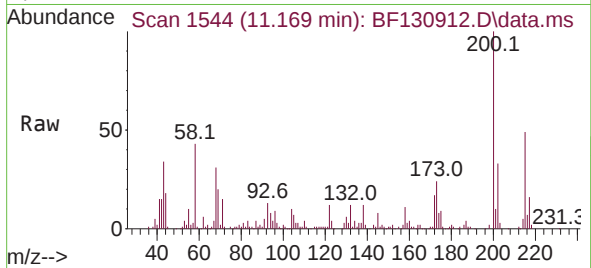
Tgt Ion:284 Resp: 49367
Ion Ratio Lower Upper
284 100
142 33.3 27.1 40.7
249 31.2 26.6 39.8





#69
 Atrazine
 Concen: 25.017 ng
 RT: 11.169 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130912.D
 Acq: 01 Nov 2022 21:37

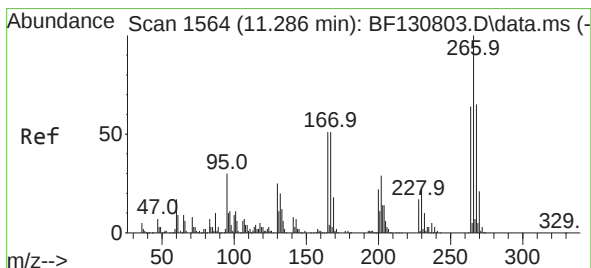
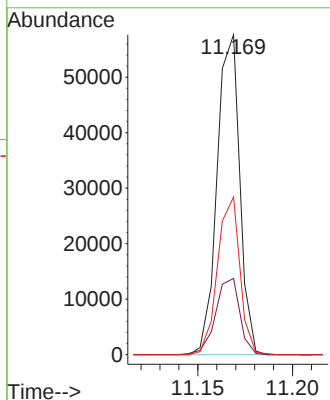
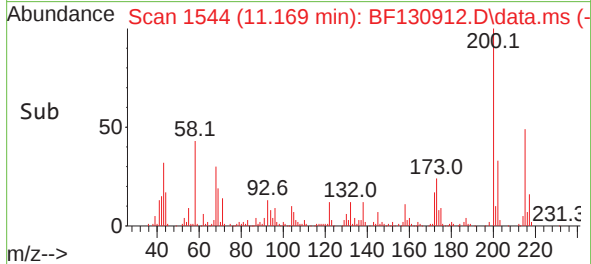
Instrument :
 BNA_F
 ClientSampleId :
 LSP-SS-01-00-20MSD



Tgt Ion:200 Resp: 48114
 Ion Ratio Lower Upper
 200 100
 173 23.8 7.1 47.1
 215 49.3 25.4 65.4

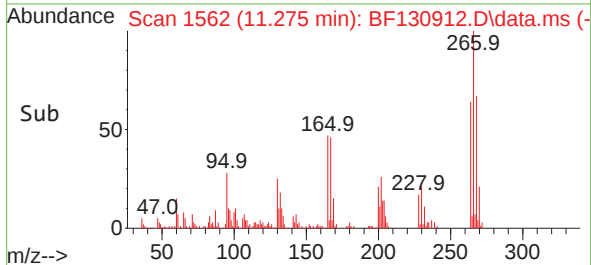
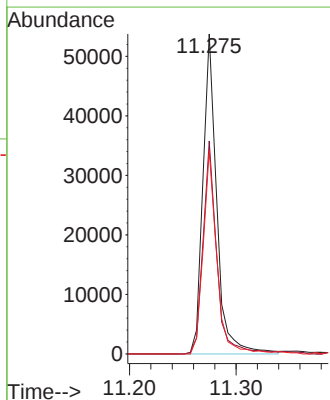
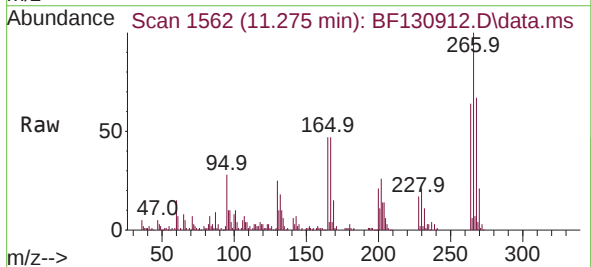
Manual Integrations
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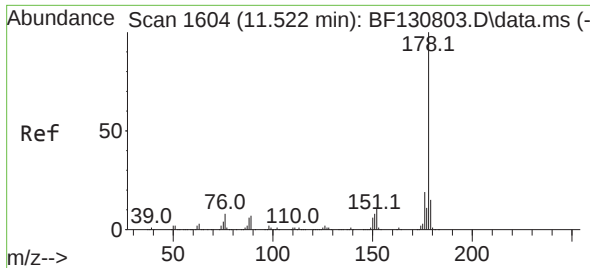
Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :mohammad ahmed 11/08/2022



#70
 Pentachlorophenol
 Concen: 35.817 ng
 RT: 11.275 min Scan# 1562
 Delta R.T. 0.000 min
 Lab File: BF130912.D
 Acq: 01 Nov 2022 21:37

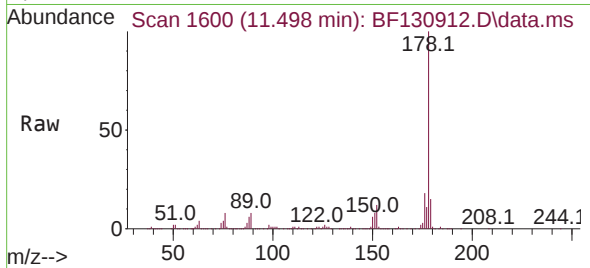
Tgt Ion:266 Resp: 48350
 Ion Ratio Lower Upper
 266 100
 268 66.5 51.8 77.6
 264 63.7 51.6 77.4





#71
Phenanthrene
Concen: 22.167 ng
RT: 11.498 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

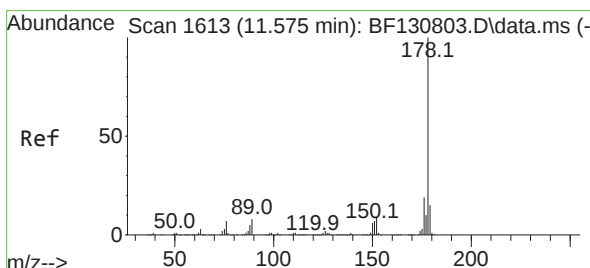
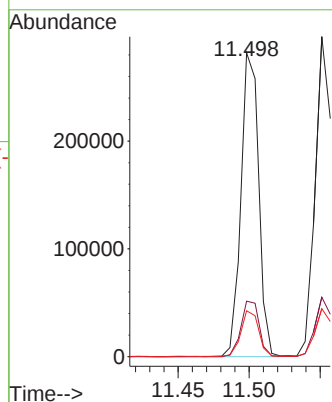
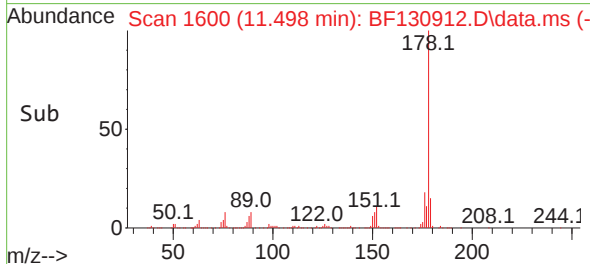
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



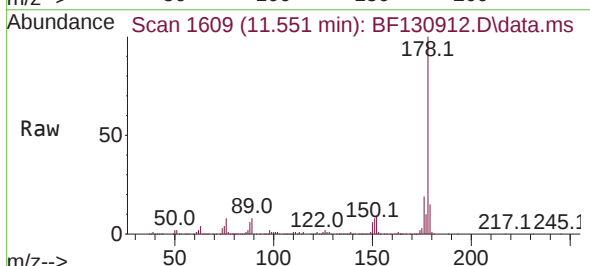
Tgt Ion:178 Resp: 244272
Ion Ratio Lower Upper
178 100
176 18.3 15.5 23.3
179 15.1 12.2 18.2

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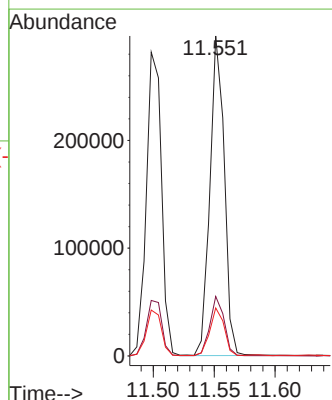
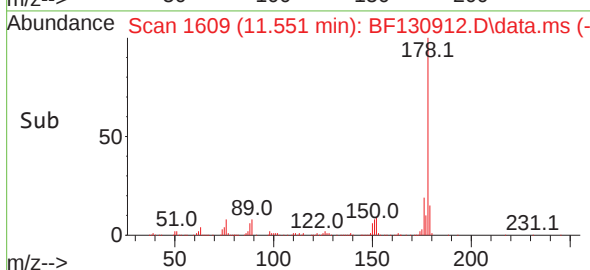
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022

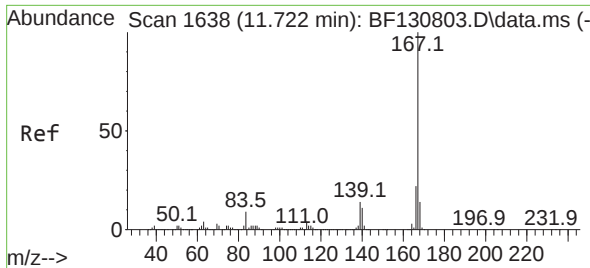


#72
Anthracene
Concen: 22.517 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37



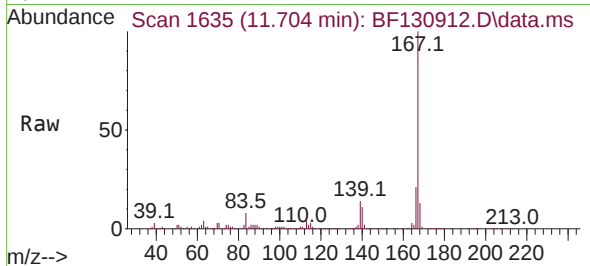
Tgt Ion:178 Resp: 244742
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.0 12.2 18.4





#73
 Carbazole
 Concen: 21.920 ng
 RT: 11.704 min Scan# 1635
 Delta R.T. -0.006 min
 Lab File: BF130912.D
 Acq: 01 Nov 2022 21:37

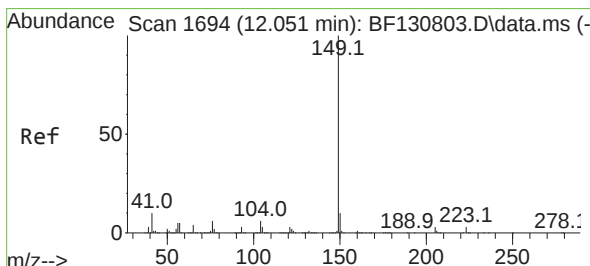
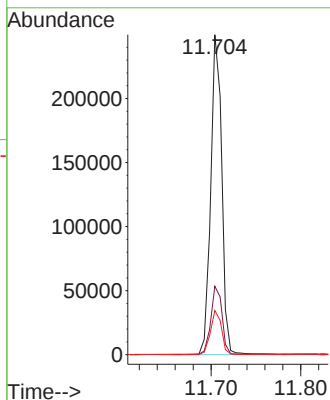
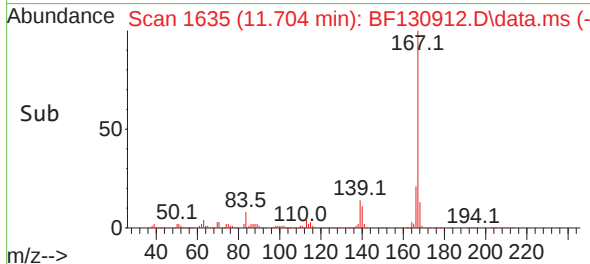
Instrument :
 BNA_F
 ClientSampleId :
 LSP-SS-01-00-20MSD



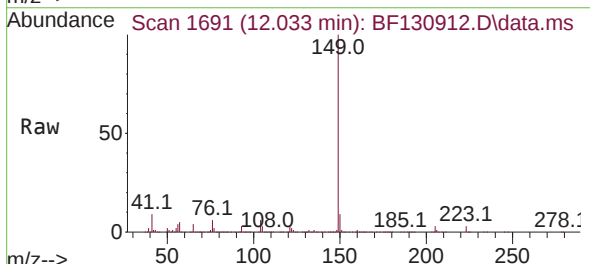
Tgt Ion:167 Resp: 213366
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 13.8 11.3 16.9

Manual Integrations
 APPROVED

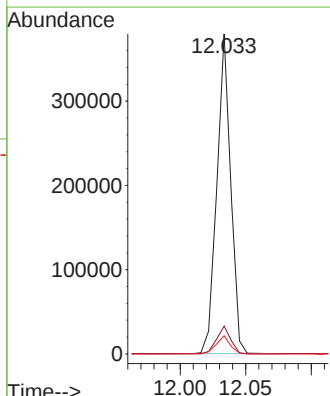
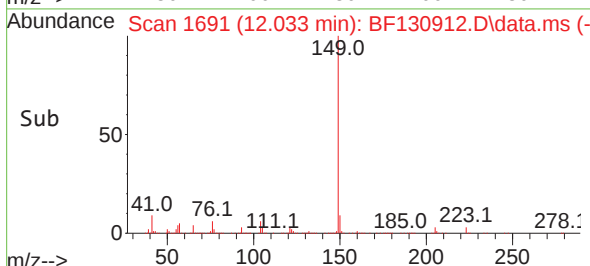
Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :mohammad ahmed 11/08/2022

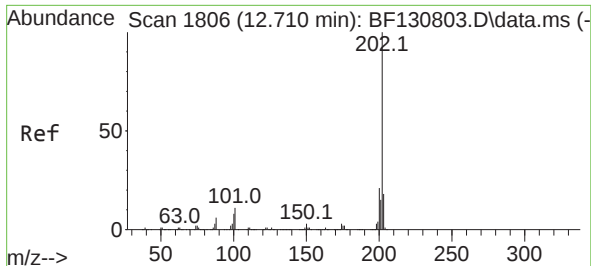


#74
 Di-n-butylphthalate
 Concen: 23.592 ng
 RT: 12.033 min Scan# 1691
 Delta R.T. 0.000 min
 Lab File: BF130912.D
 Acq: 01 Nov 2022 21:37



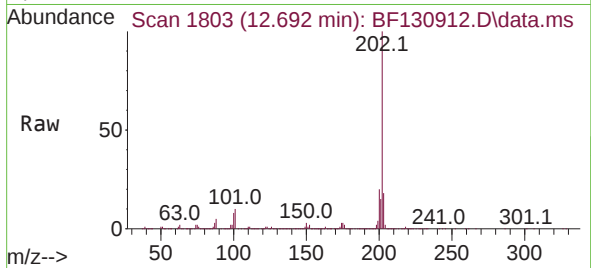
Tgt Ion:149 Resp: 278888
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.8 11.6
 104 5.7 4.6 6.8





#75
Fluoranthene
Concen: 26.171 ng
RT: 12.692 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

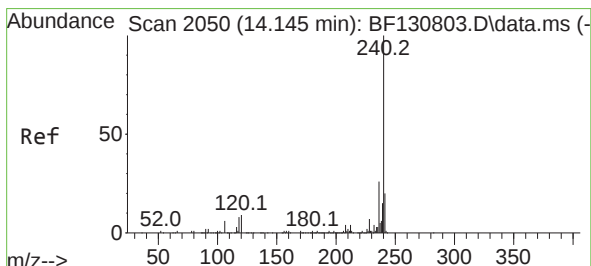
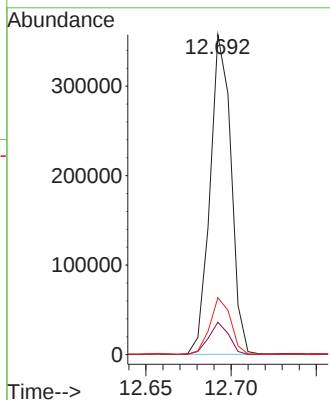
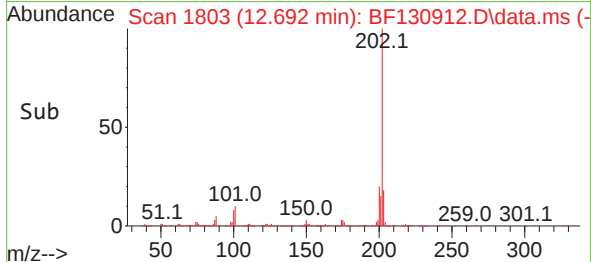
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



Tgt Ion:202 Resp: 306420
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.9
203 17.8 0.0 37.7

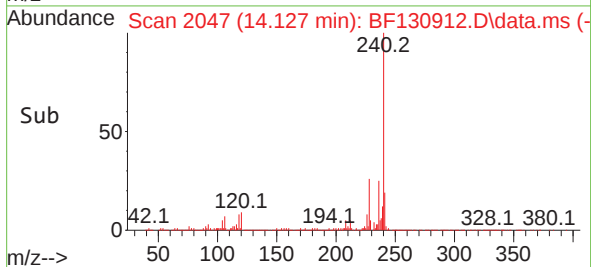
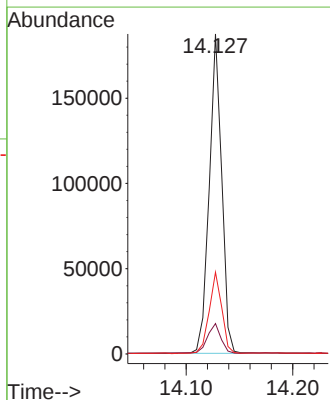
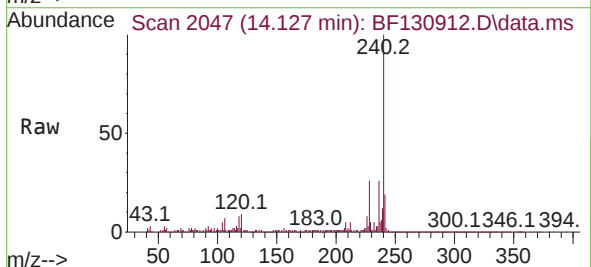
Manual Integrations
APPROVED

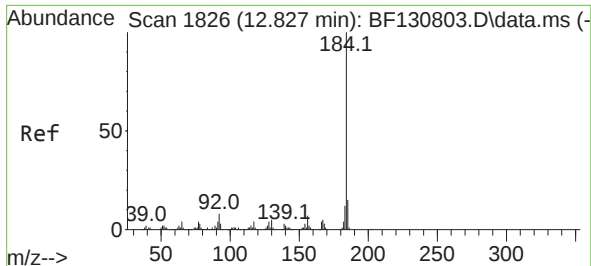
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

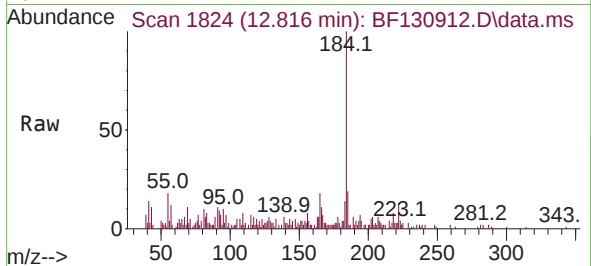
Tgt Ion:240 Resp: 151905
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.4
236 25.5 20.5 30.7





#77
Benzidine
Concen: 3.742 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

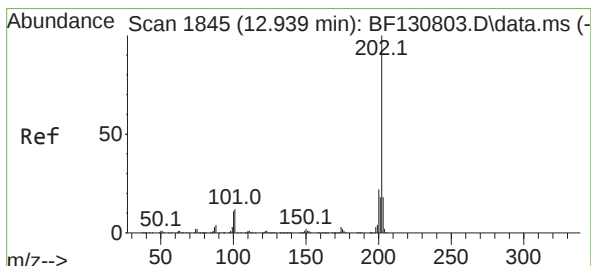
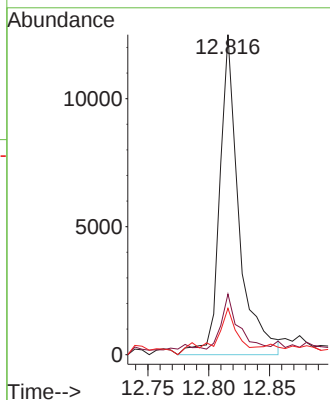
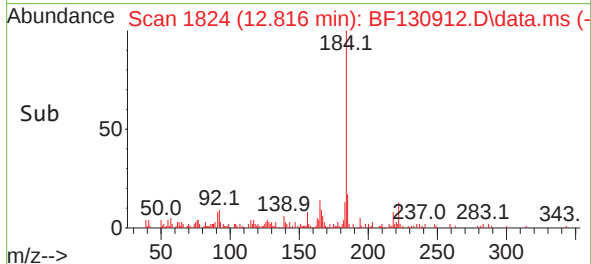
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



Tgt Ion:184 Resp: 13800
Ion Ratio Lower Upper
184 100
185 18.9 11.8 17.8
183 14.5 9.7 14.5

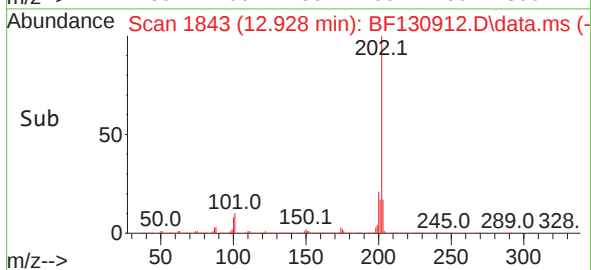
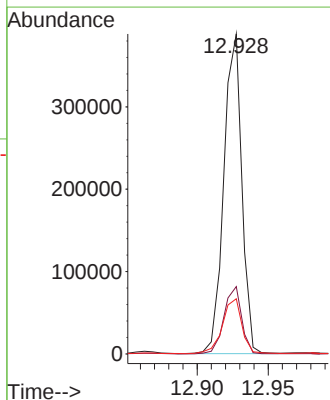
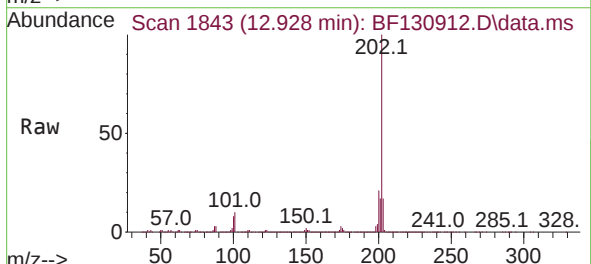
Manual Integrations
APPROVED

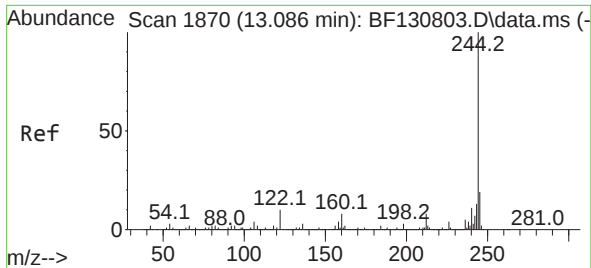
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#78
Pyrene
Concen: 26.771 ng
RT: 12.928 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

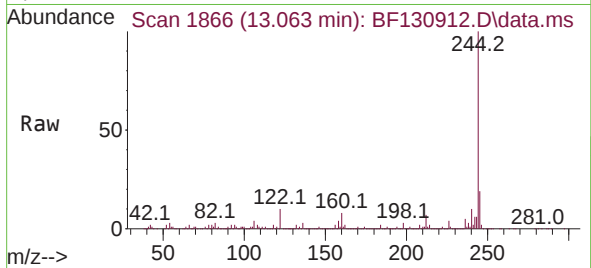
Tgt Ion:202 Resp: 343093
Ion Ratio Lower Upper
202 100
200 21.1 17.2 25.8
203 17.2 14.5 21.7





#79
 Terphenyl-d14
 Concen: 33.306 ng
 RT: 13.063 min Scan# 1870
 Delta R.T. -0.006 min
 Lab File: BF130912.D
 Acq: 01 Nov 2022 21:37

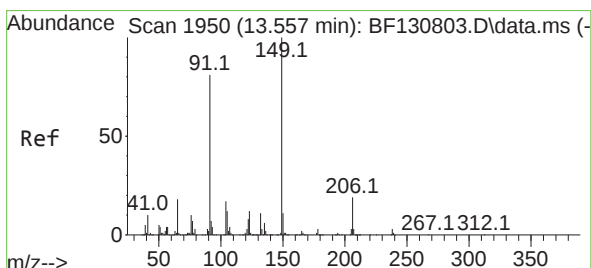
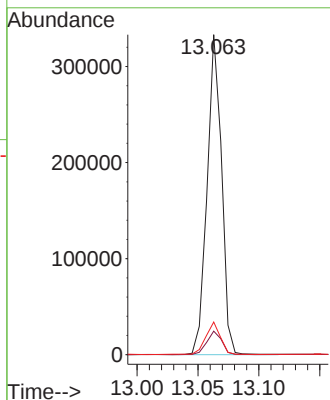
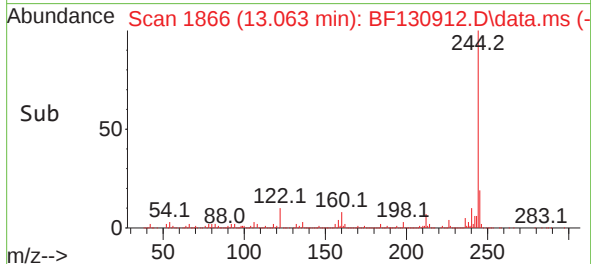
Instrument :
 BNA_F
 ClientSampleId :
 LSP-SS-01-00-20MSD



Tgt Ion:244 Resp: 276093
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 10.2 7.9 11.9

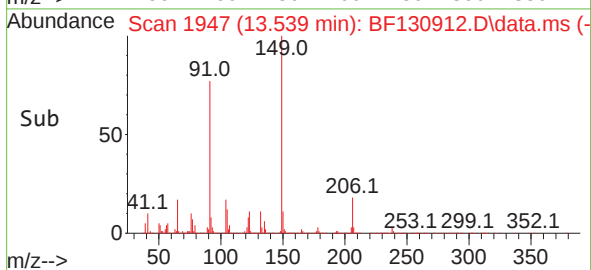
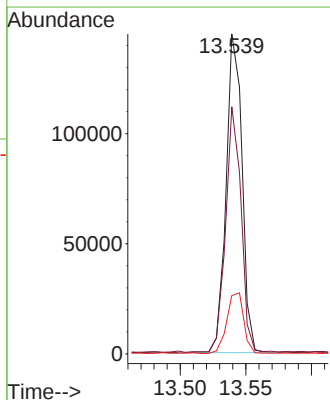
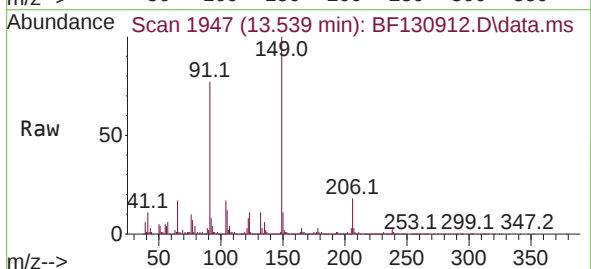
Manual Integrations
 APPROVED

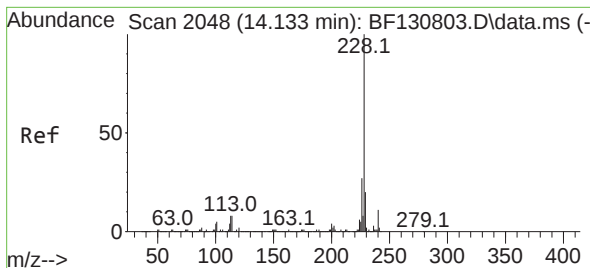
Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :mohammad ahmed 11/08/2022



#80
 Butylbenzylphthalate
 Concen: 26.627 ng
 RT: 13.539 min Scan# 1947
 Delta R.T. 0.000 min
 Lab File: BF130912.D
 Acq: 01 Nov 2022 21:37

Tgt Ion:149 Resp: 122770
 Ion Ratio Lower Upper
 149 100
 91 77.2 64.5 96.7
 206 18.2 15.3 22.9





#81

Benzo(a)anthracene

Concen: 23.942 ng

RT: 14.116 min Scan# 2045

Delta R.T. 0.000 min

Lab File: BF130912.D

Acq: 01 Nov 2022 21:37

Instrument :

BNA_F

ClientSampleId :

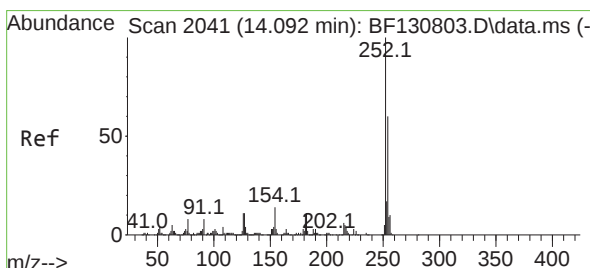
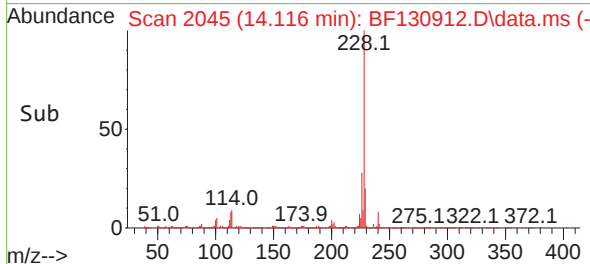
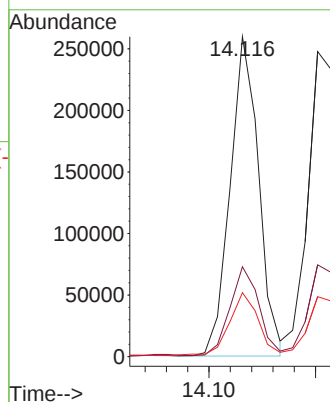
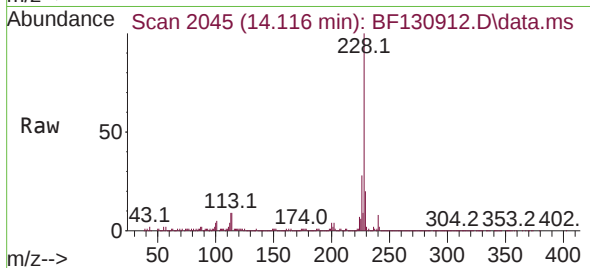
LSP-SS-01-00-20MSD

Tgt Ion:228 Resp: 241126
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.4 32.2
 229 20.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :mohammad ahmed 11/08/2022



#82

3,3'-Dichlorobenzidine

Concen: 21.457 ng

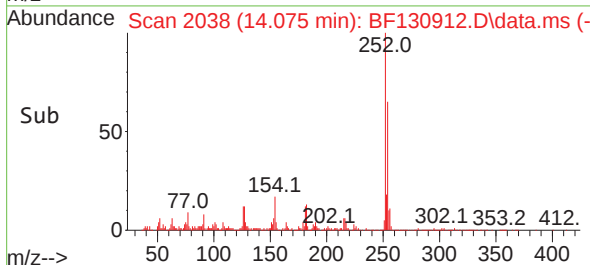
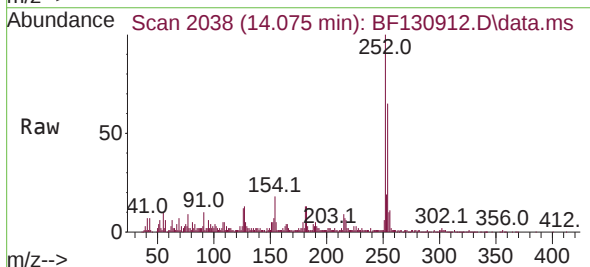
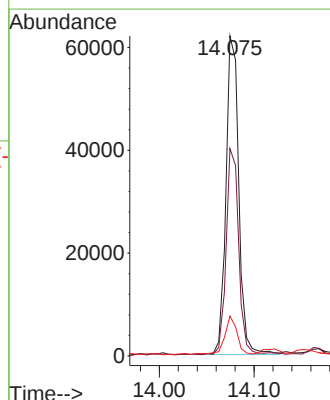
RT: 14.075 min Scan# 2038

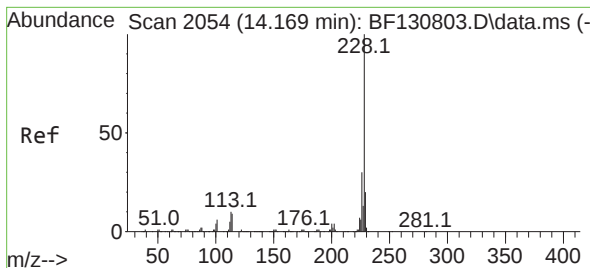
Delta R.T. -0.006 min

Lab File: BF130912.D

Acq: 01 Nov 2022 21:37

Tgt Ion:252 Resp: 58325
 Ion Ratio Lower Upper
 252 100
 254 64.8 47.8 71.6
 126 12.4 9.0 13.6





#83

Chrysene

Concen: 23.668 ng

RT: 14.151 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BF130912.D

Acq: 01 Nov 2022 21:37

Instrument :

BNA_F

ClientSampleId :

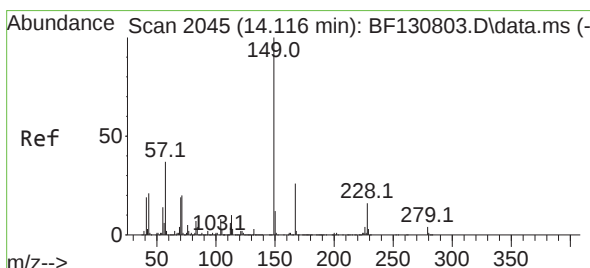
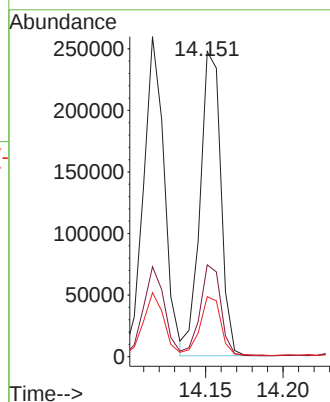
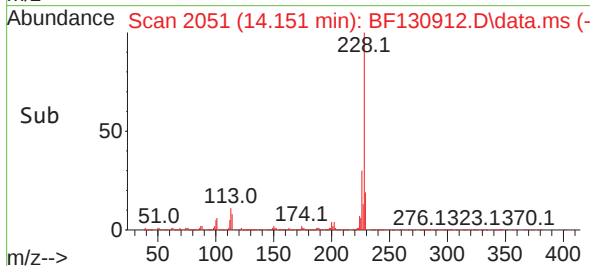
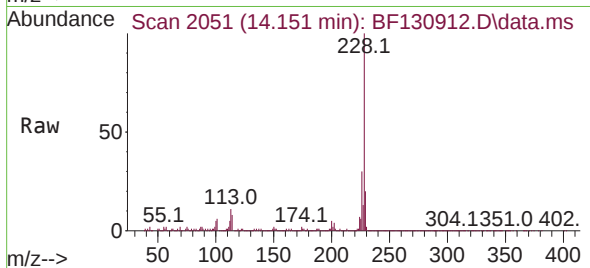
LSP-SS-01-00-20MSD

Tgt Ion:228	Resp: 229924
Ion Ratio	Lower Upper
228 100	
226 30.1	23.9 35.9
229 19.6	15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.878 ng

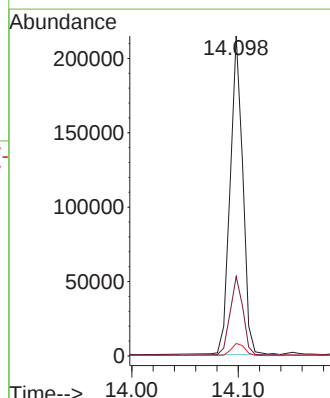
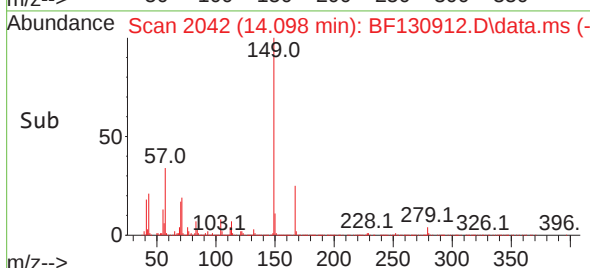
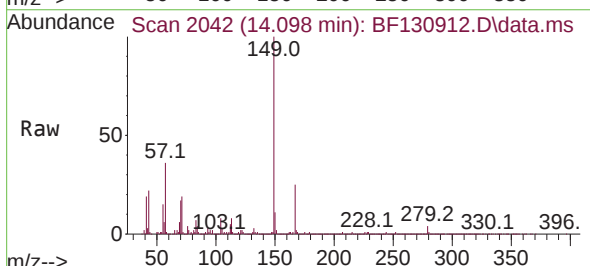
RT: 14.098 min Scan# 2042

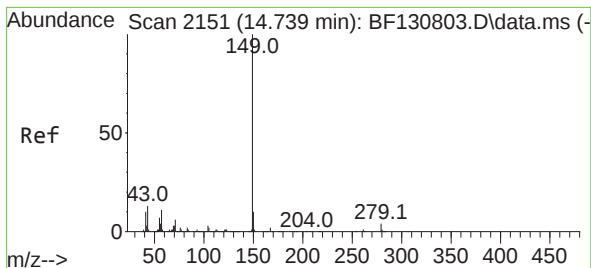
Delta R.T. 0.000 min

Lab File: BF130912.D

Acq: 01 Nov 2022 21:37

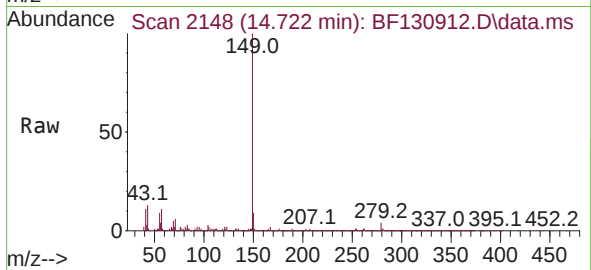
Tgt Ion:149	Resp: 176728
Ion Ratio	Lower Upper
149 100	
167 24.8	21.0 31.4
279 3.9	3.0 4.6





#85
Di-n-octyl phthalate
Concen: 33.480 ng
RT: 14.722 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

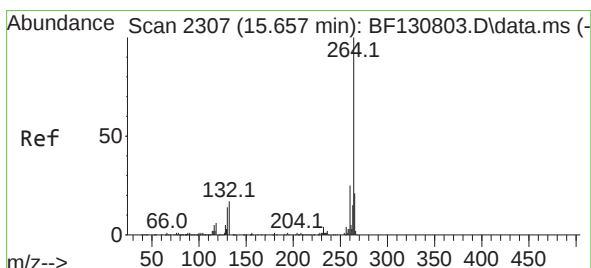
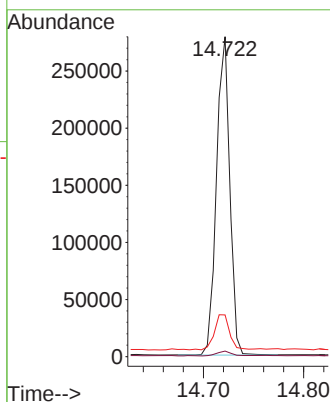
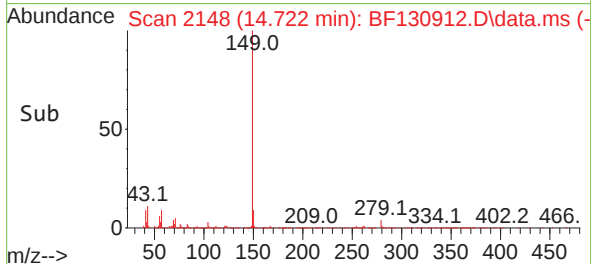
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



Tgt Ion:149 Resp: 256164
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.5 10.2 15.2

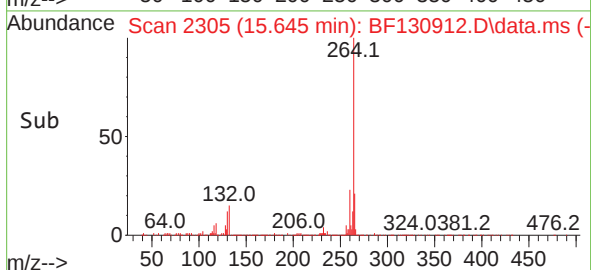
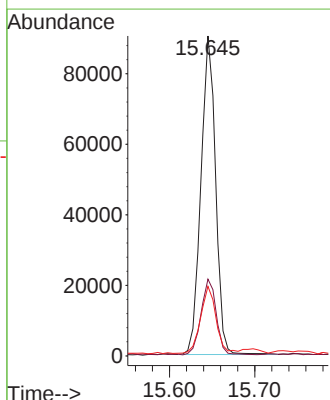
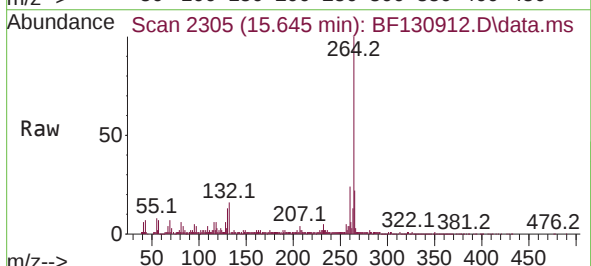
Manual Integrations
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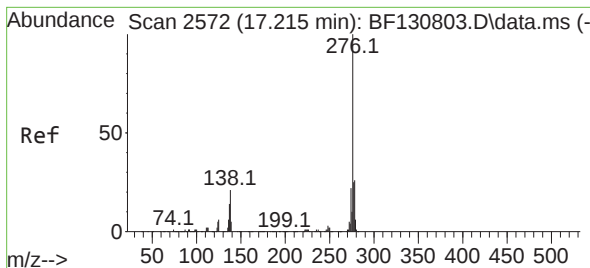
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 2305
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

Tgt Ion:264 Resp: 108193
Ion Ratio Lower Upper
264 100
260 24.0 19.9 29.9
265 21.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.673 ng

RT: 17.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF130912.D

Acq: 01 Nov 2022 21:37

Instrument :

BNA_F

ClientSampleId :

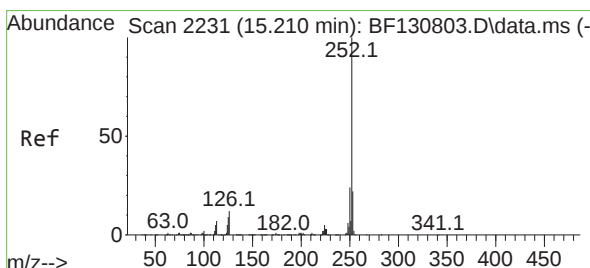
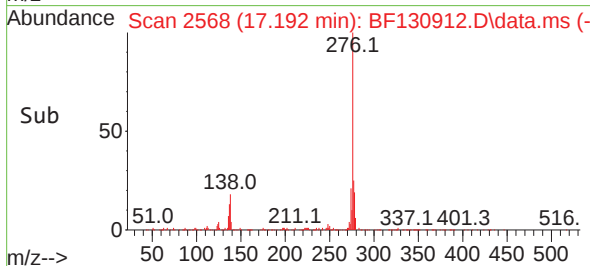
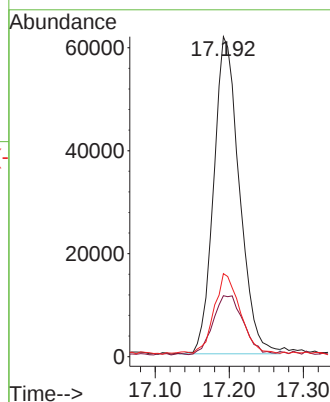
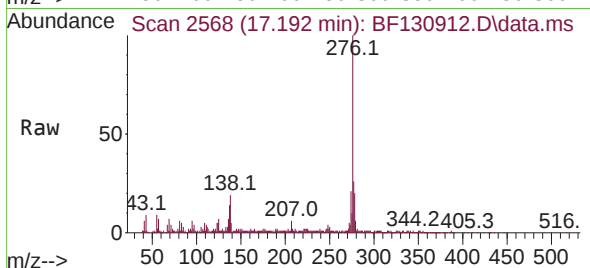
LSP-SS-01-00-20MSD

Tgt Ion:276 Resp: 148529
 Ion Ratio Lower Upper
 276 100
 138 21.9 19.1 28.7
 277 26.4 20.1 30.1

Manual Integrations

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Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :mohammad ahmed 11/08/2022



#88

Benzo(b)fluoranthene

Concen: 26.029 ng

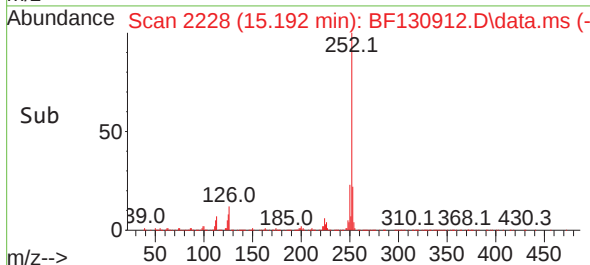
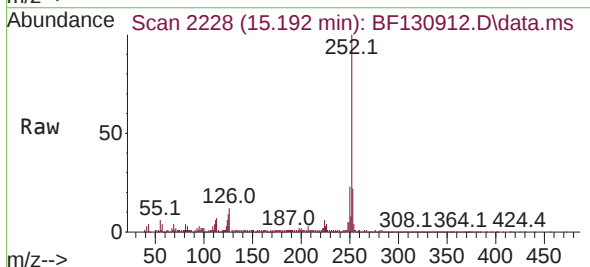
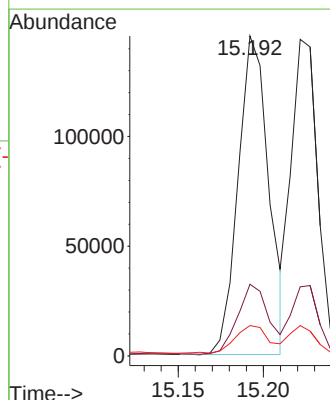
RT: 15.192 min Scan# 2228

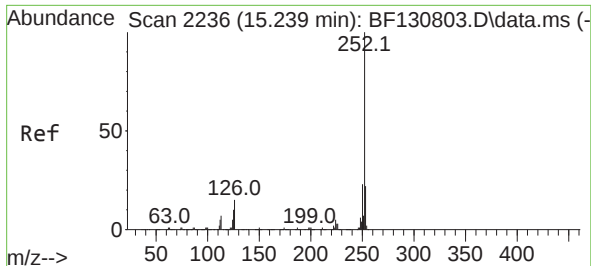
Delta R.T. 0.000 min

Lab File: BF130912.D

Acq: 01 Nov 2022 21:37

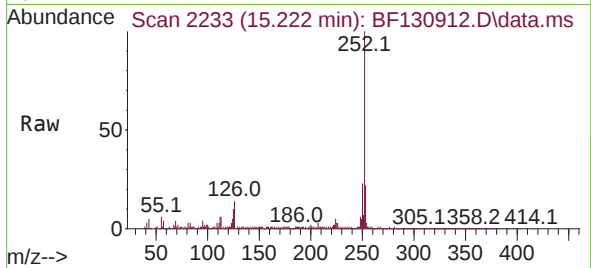
Tgt Ion:252 Resp: 182044
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.5 26.3
 125 9.5 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 22.723 ng
RT: 15.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

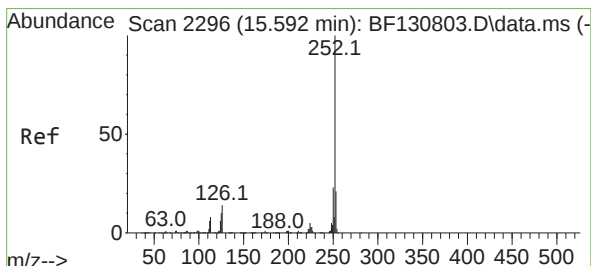
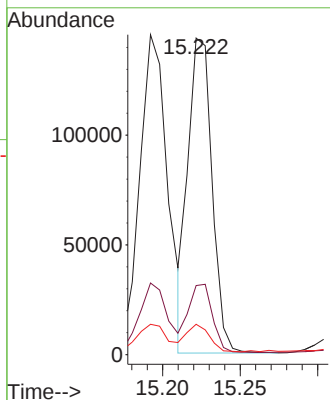
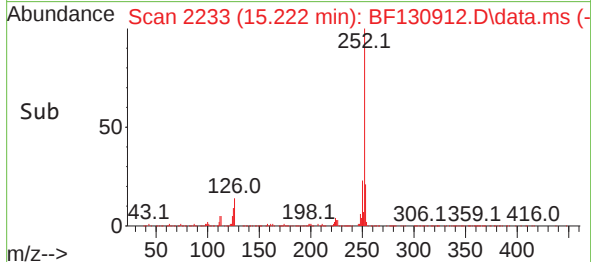
Instrument :
BNA_F
ClientSampleId :
LSP-SS-01-00-20MSD



Tgt Ion:252 Resp: 154856
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.6 8.0 12.0

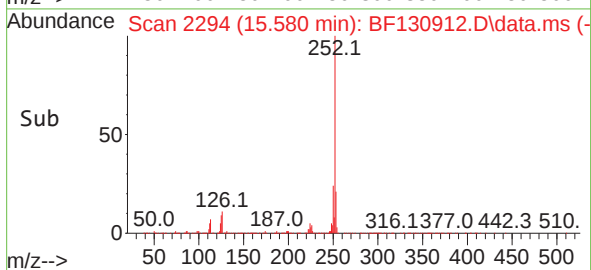
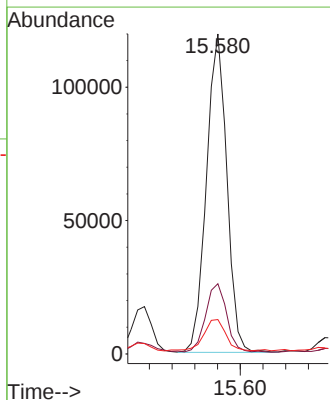
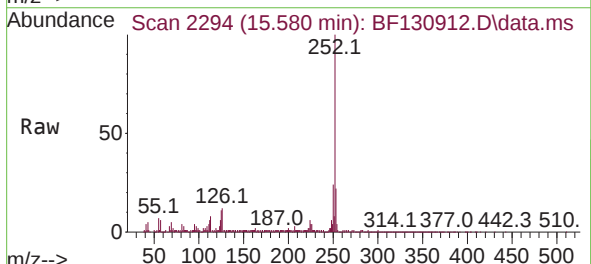
Manual Integrations
APPROVED

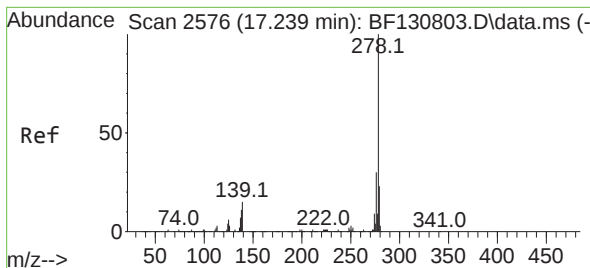
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :mohammad ahmed 11/08/2022



#90
Benzo(a)pyrene
Concen: 26.544 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF130912.D
Acq: 01 Nov 2022 21:37

Tgt Ion:252 Resp: 149238
Ion Ratio Lower Upper
252 100
253 21.9 16.8 25.2
125 10.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 20.833 ng

RT: 17.215 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF130912.D

Acq: 01 Nov 2022 21:37

Instrument :

BNA_F

ClientSampleId :

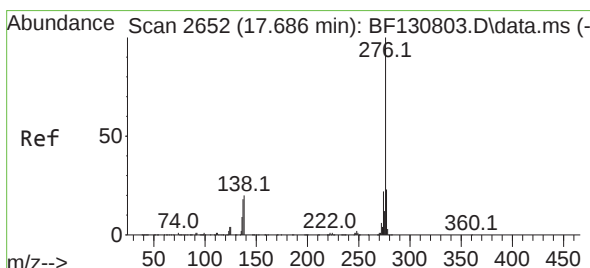
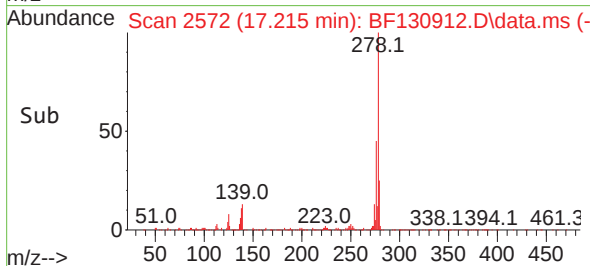
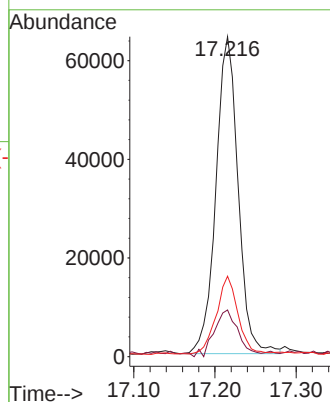
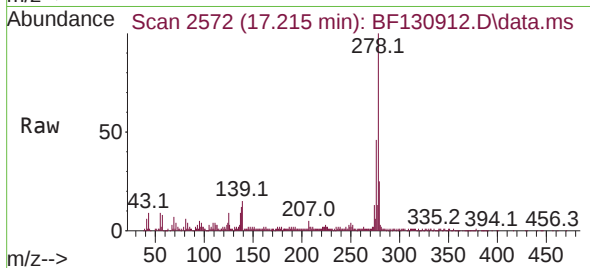
LSP-SS-01-00-20MSD

Tgt Ion:278 Resp: 122019
 Ion Ratio Lower Upper
 278 100
 139 14.6 11.9 17.9
 279 25.1 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/07/2022
 Supervised By :mohammad ahmed 11/08/2022



#92

Benzo(g,h,i)perylene

Concen: 22.140 ng

RT: 17.668 min Scan# 2649

Delta R.T. 0.000 min

Lab File: BF130912.D

Acq: 01 Nov 2022 21:37

Tgt Ion:276 Resp: 132297
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.8 28.2
 138 16.9 16.3 24.5

