

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134683.D
 Acq On : 09 Aug 2023 11:02
 Operator : CG\JU
 Sample : 03781-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Aug 10 01:37:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							08/10/2023
1) 1,4-Dichlorobenzene-d4	6.804	152	198638	20.000	ng	0.00	Supervised By :mohammad Ahmed
21) Naphthalene-d8	8.086	136	807407	20.000	ng	# 0.00	
39) Acenaphthene-d10	9.839	164	408444	20.000	ng	0.00	
64) Phenanthrene-d10	11.327	188	672480	20.000	ng	# 0.00	
76) Chrysene-d12	13.992	240	332766	20.000	ng	0.02	
86) Perylene-d12	15.468	264	436384	20.000	ng	0.03	08/10/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	1129807	86.460	ng	0.01	
7) Phenol-d6	6.445	99	1551475	92.879	ng	0.00	
23) Nitrobenzene-d5	7.369	82	940728	72.812	ng	0.00	
42) 2,4,6-Tribromophenol	10.633	330	371114	89.131	ng	0.00	
45) 2-Fluorobiphenyl	9.163	172	1674829	68.179	ng	0.00	
79) Terphenyl-d14	12.927	244	1440442	76.309	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	209121	34.782	ng	#	94
3) Pyridine	3.345	79	544435	33.418	ng		92
4) n-Nitrosodimethylamine	3.310	42	295471	37.957	ng	#	53
6) Aniline	6.481	93	650321	29.682	ng		93
8) 2-Chlorophenol	6.592	128	623935	47.333	ng		95
9) Benzaldehyde	6.357	77	331964	42.180	ng		96
10) Phenol	6.463	94	731131m	44.415	ng		
11) bis(2-Chloroethyl)ether	6.545	93	592439	45.305	ng		94
12) 1,3-Dichlorobenzene	6.745	146	622349	45.632	ng		94
13) 1,4-Dichlorobenzene	6.822	146	629949	46.087	ng		98
14) 1,2-Dichlorobenzene	6.975	146	602984	47.346	ng		95
15) Benzyl Alcohol	6.951	79	527598	45.784	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.081	45	921824	44.996	ng		89
17) 2-Methylphenol	7.063	107	497784	42.734	ng		93
18) Hexachloroethane	7.310	117	225495	47.005	ng		99
19) n-Nitroso-di-n-propyla...	7.222	70	397976	39.793	ng		92
20) 3+4-Methylphenols	7.216	107	553615	39.409	ng	#	85
22) Acetophenone	7.216	105	744940	39.965	ng	#	93
24) Nitrobenzene	7.386	77	632557	45.318	ng		97
25) Isophorone	7.628	82	1191593	42.285	ng		100
26) 2-Nitrophenol	7.704	139	327894	54.486	ng	#	83
27) 2,4-Dimethylphenol	7.739	122	493663	39.262	ng		85
28) bis(2-Chloroethoxy)met...	7.839	93	728874	43.238	ng		99
29) 2,4-Dichlorophenol	7.945	162	512220	44.884	ng		98
30) 1,2,4-Trichlorobenzene	8.028	180	544059	44.707	ng		97
31) Naphthalene	8.110	128	1690289	41.655	ng		99
32) Benzoic acid	7.880	122	418984	50.578	ng		93
33) 4-Chloroaniline	8.157	127	344507	19.054	ng		96
34) Hexachlorobutadiene	8.222	225	316937	45.151	ng		96
35) Caprolactam	8.533	113	179420m	48.731	ng		
36) 4-Chloro-3-methylphenol	8.639	107	545174	45.109	ng		94
37) 2-Methylnaphthalene	8.798	142	1086208	40.384	ng		99
38) 1-Methylnaphthalene	8.898	142	1033113	41.306	ng		98
40) 1,2,4,5-Tetrachloroben...	8.963	216	528990	44.538	ng		98
41) Hexachlorocyclopentadiene	8.951	237	403284	69.824	ng		92
43) 2,4,6-Trichlorophenol	9.075	196	370495	47.664	ng		97

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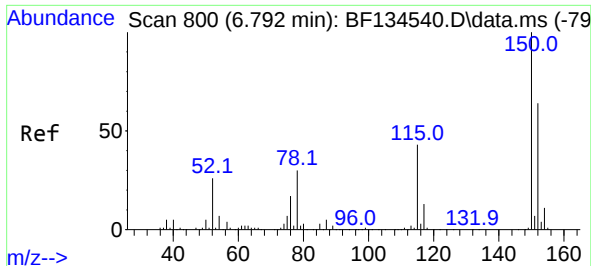
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.116	196	393438	44.286	ng	94	08/10/2023
46) 1,1'-Biphenyl	9.263	154	1361203	42.857	ng	97	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.286	162	1041150	43.748	ng	99	
48) 2-Nitroaniline	9.386	65	350564	47.298	ng	89	
49) Acenaphthylene	9.704	152	1584149	42.346	ng	99	
50) Dimethylphthalate	9.569	163	1283772	46.115	ng	98	
51) 2,6-Dinitrotoluene	9.633	165	289600	50.629	ng	# 77	08/10/2023
52) Acenaphthene	9.874	154	1110734m	45.816	ng		
53) 3-Nitroaniline	9.798	138	257368	41.478	ng	98	
54) 2,4-Dinitrophenol	9.910	184	248733	99.466	ng	84	
55) Dibenzofuran	10.051	168	1418003	41.088	ng	94	
56) 4-Nitrophenol	9.969	139	479745	94.534	ng	# 73	
57) 2,4-Dinitrotoluene	10.039	165	362046	52.282	ng	# 85	
58) Fluorene	10.392	166	1032250	41.064	ng	95	
59) 2,3,4,6-Tetrachlorophenol	10.169	232	325097	46.254	ng	96	
60) Diethylphthalate	10.269	149	1192676	45.200	ng	97	
61) 4-Chlorophenyl-phenyle...	10.386	204	526073	42.577	ng	92	
62) 4-Nitroaniline	10.416	138	281536	46.292	ng	85	
63) Azobenzene	10.545	77	1147345	40.470	ng	97	
65) 4,6-Dinitro-2-methylph...	10.445	198	165778	58.638	ng	85	
66) n-Nitrosodiphenylamine	10.504	169	1007572	47.073	ng	98	
67) 4-Bromophenyl-phenylether	10.874	248	352658	47.905	ng	100	
68) Hexachlorobenzene	10.939	284	374006	48.112	ng	96	
69) Atrazine	11.039	200	345244	59.842	ng	98	
70) Pentachlorophenol	11.133	266	360989	75.000	ng	95	
71) Phenanthrene	11.357	178	1506204	42.168	ng	100	
72) Anthracene	11.410	178	1508485	41.345	ng	99	
73) Carbazole	11.563	167	1349542	41.426	ng	99	
74) Di-n-butylphthalate	11.898	149	1624194	46.929	ng	98	
75) Fluoranthene	12.551	202	1344612	35.637	ng	98	
77) Benzidine	12.668	184	321664	44.529	ng	98	
78) Pyrene	12.780	202	1266881	43.997	ng	97	
80) Butylbenzylphthalate	13.410	149	456203	46.854	ng	# 97	
81) Benzo(a)anthracene	13.980	228	968927	40.721	ng	99	
82) 3,3'-Dichlorobenzidine	13.945	252	311875	45.218	ng	# 98	
83) Chrysene	14.015	228	982228	42.370	ng	99	
84) Bis(2-ethylhexyl)phtha...	13.974	149	535303	46.717	ng	97	
85) Di-n-octyl phthalate	14.592	149	1109433	63.670	ng	# 87	
87) Indeno(1,2,3-cd)pyrene	16.974	276	1148621	44.755	ng	# 91	
88) Benzo(b)fluoranthene	15.039	252	1191435	44.766	ng	# 95	
89) Benzo(k)fluoranthene	15.068	252	1101122	41.532	ng	# 96	
90) Benzo(a)pyrene	15.409	252	1042557	42.013	ng	# 95	
91) Dibenzo(a,h)anthracene	16.992	278	949691	45.788	ng	# 95	
92) Benzo(g,h,i)perylene	17.427	276	867055	40.981	ng	# 92	

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



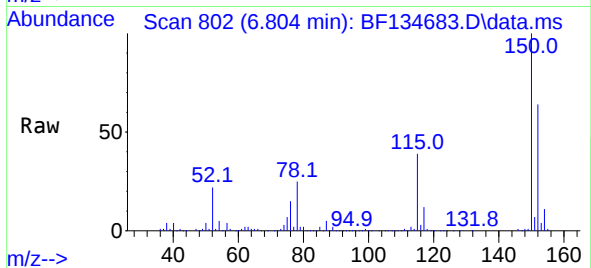
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF134683.D
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BNA_F

ClientSampleId :

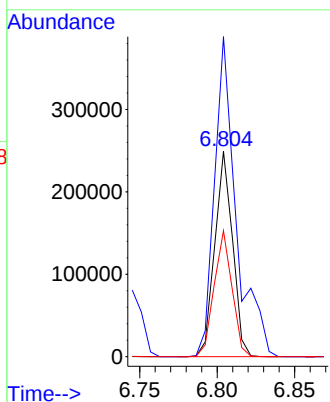
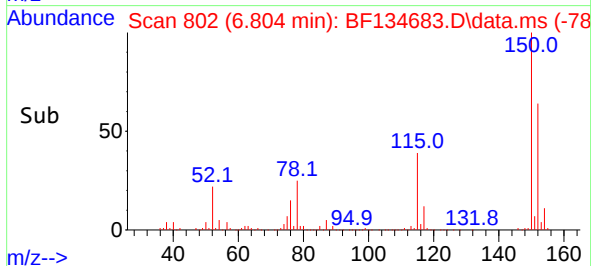
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Tgt Ion:152 Resp: 198638
Ion Ratio Lower Upper
152 100
150 155.7 128.3 192.5
115 61.3 52.4 78.6

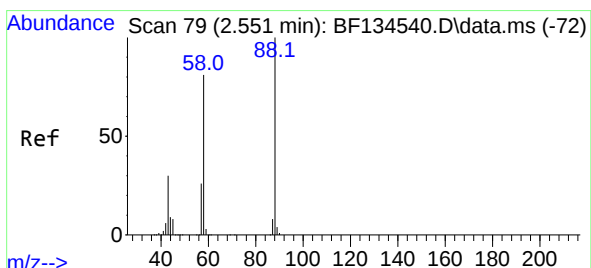
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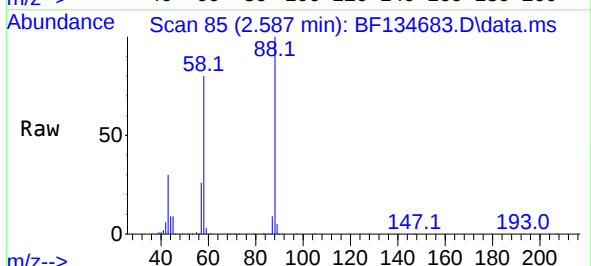


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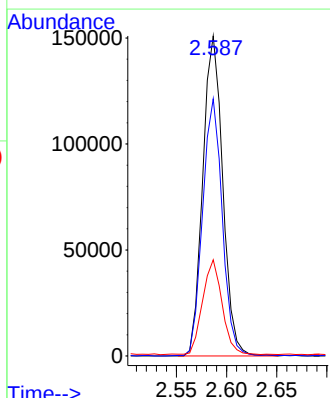
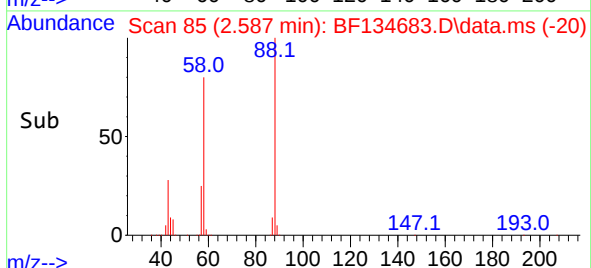
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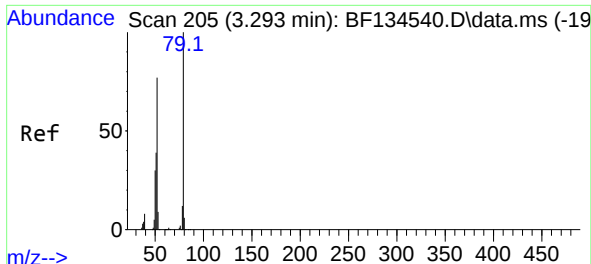


#2
1,4-Dioxane
Concen: 34.782 ng
RT: 2.587 min Scan# 85
Delta R.T. 0.035 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



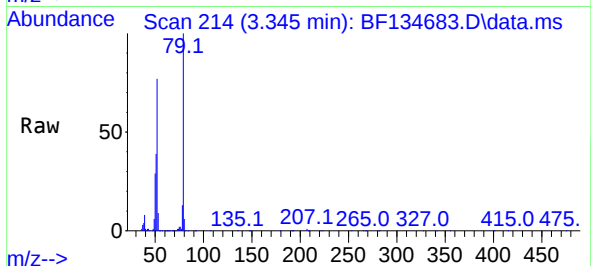
Tgt Ion: 88 Resp: 209121
Ion Ratio Lower Upper
88 100
58 79.6 65.1 97.7
43 29.3 30.3 45.5#





#3
Pyridine
Concen: 33.418 ng
RT: 3.345 min Scan# 214
Delta R.T. 0.041 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

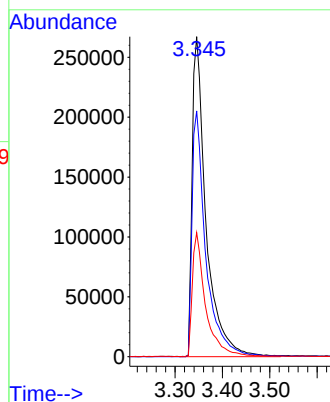
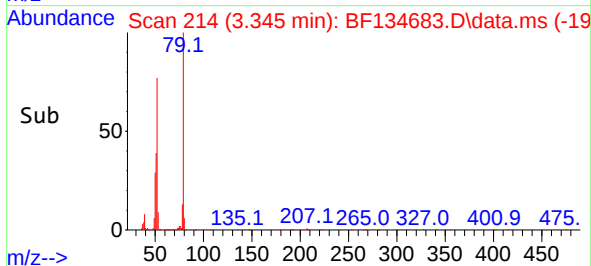
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion: 79 Resp: 544435
Ion Ratio Lower Upper
79 100
52 76.8 66.6 100.0
51 38.8 36.5 54.7

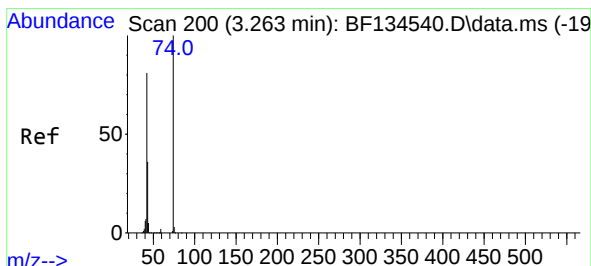
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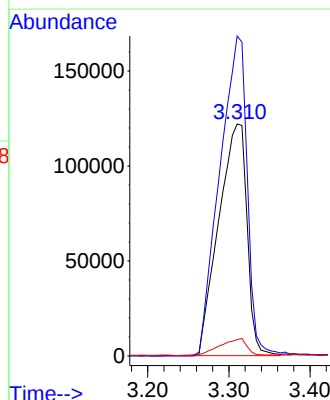
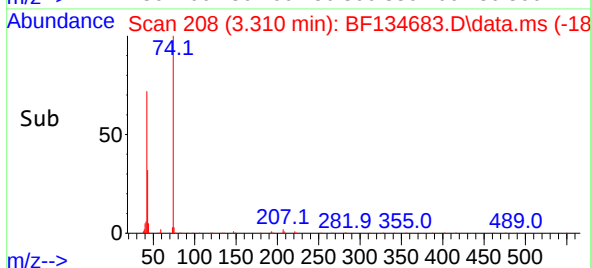
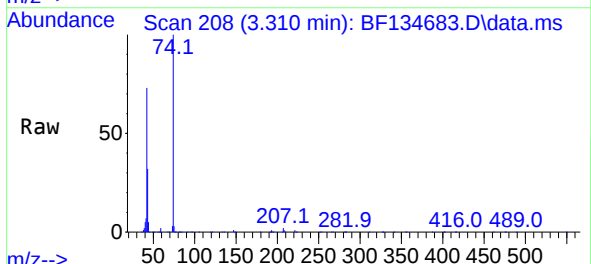
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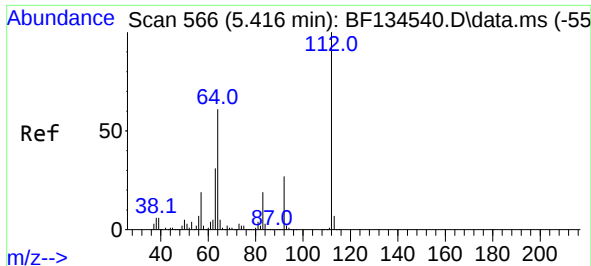
08/10/2023



#4
n-Nitrosodimethylamine
Concen: 37.957 ng
RT: 3.310 min Scan# 208
Delta R.T. 0.029 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

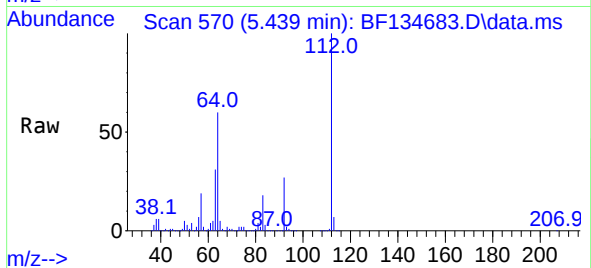
Tgt Ion: 42 Resp: 295471
Ion Ratio Lower Upper
42 100
74 137.9 72.2 108.4#
44 7.0 5.4 8.0





#5
2-Fluorophenol
Concen: 86.460 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

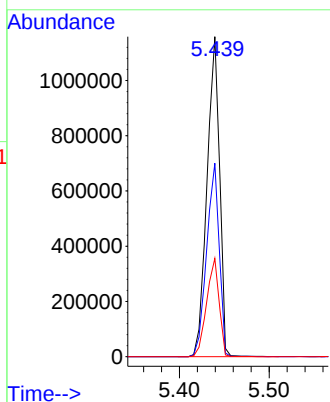
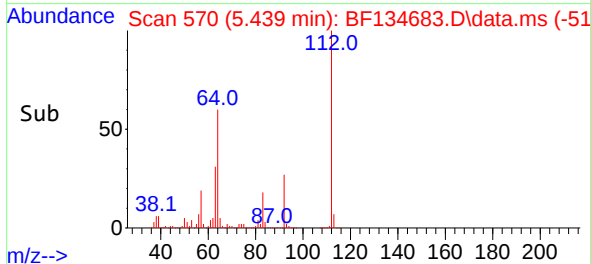
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion:112 Resp: 112980
Ion Ratio Lower Upper
112 100
64 60.4 44.9 67.3
63 30.7 25.4 38.0

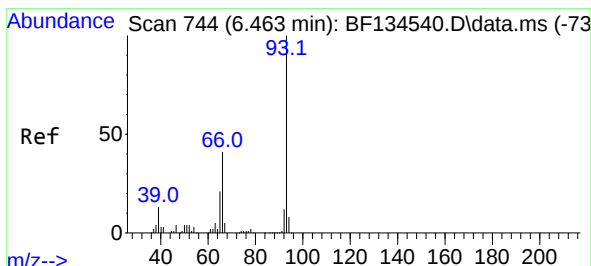
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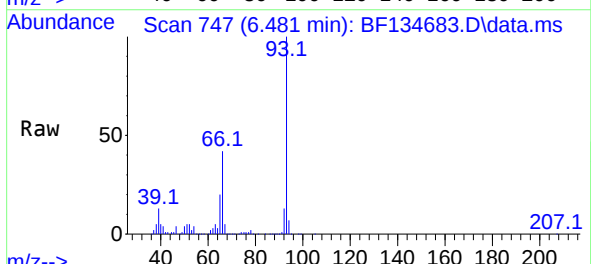


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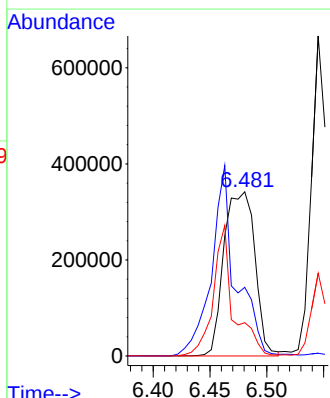
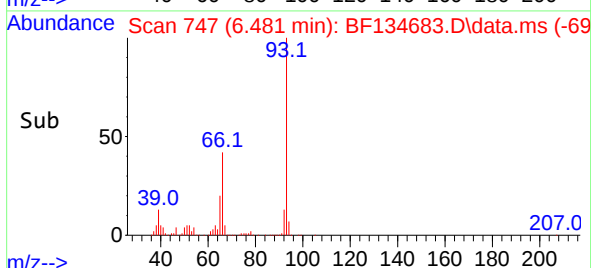
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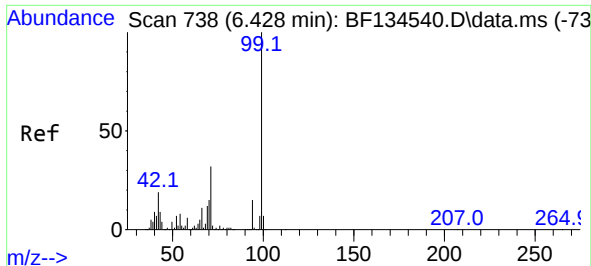


#6
Aniline
Concen: 29.682 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.012 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



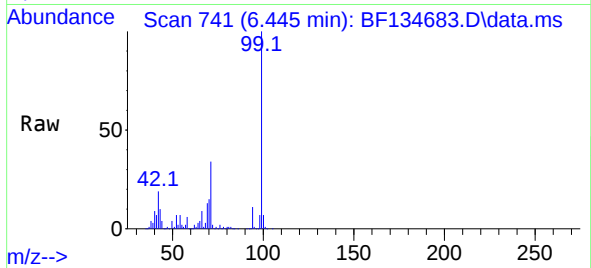
Tgt Ion: 93 Resp: 650321
Ion Ratio Lower Upper
93 100
66 41.9 36.8 55.2
65 20.3 19.4 29.0





#7
Phenol-d6
Concen: 92.879 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

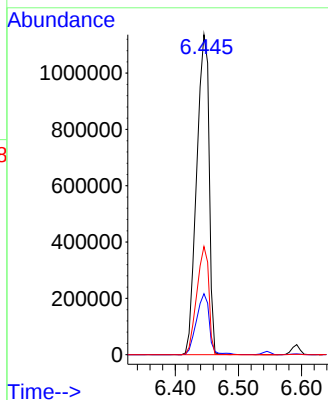
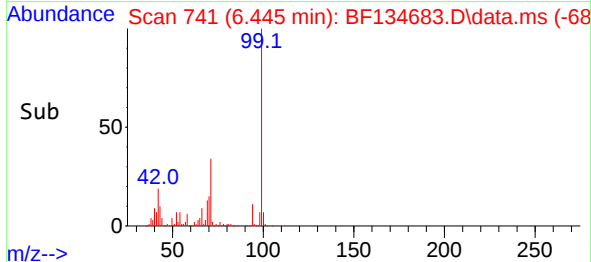
Instrument :
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Tgt Ion: 99 Resp: 155147
Ion Ratio Lower Upper
99 100
42 19.1 18.7 28.1
71 33.8 36.4 54.6

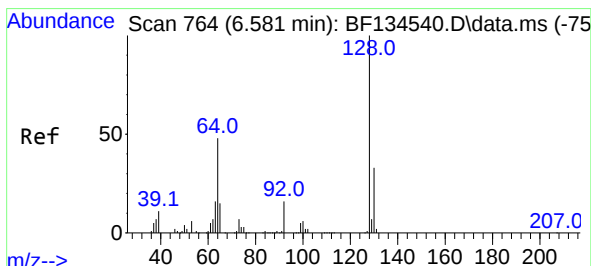
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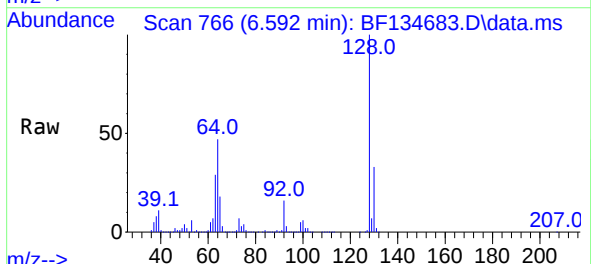


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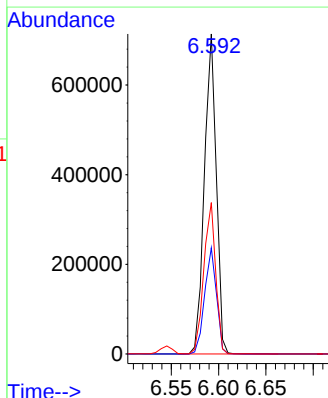
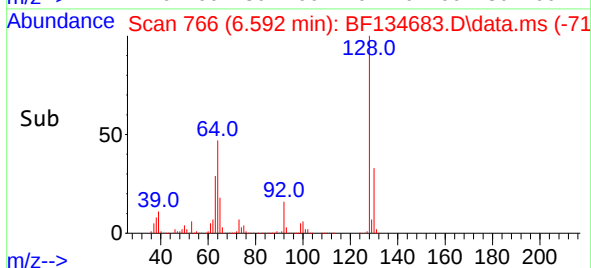
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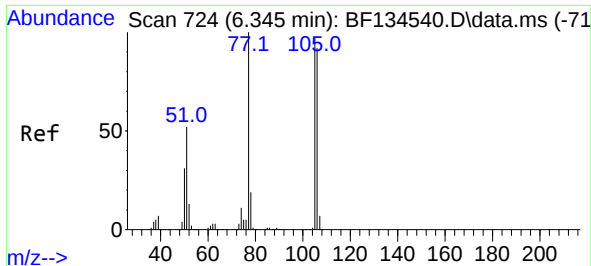


#8
2-Chlorophenol
Concen: 47.333 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



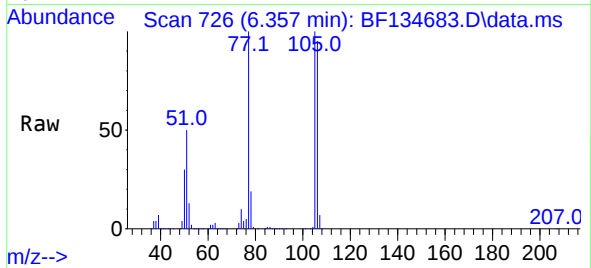
Tgt Ion:128 Resp: 623935
Ion Ratio Lower Upper
128 100
130 33.2 11.1 51.1
64 47.3 31.9 71.9





#9
Benzaldehyde
Concen: 42.180 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

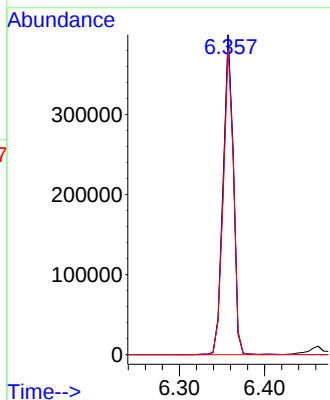
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion: 77 Resp: 331964
Ion Ratio Lower Upper
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105 100.1 77.1 117.1
106 95.3 71.4 111.4

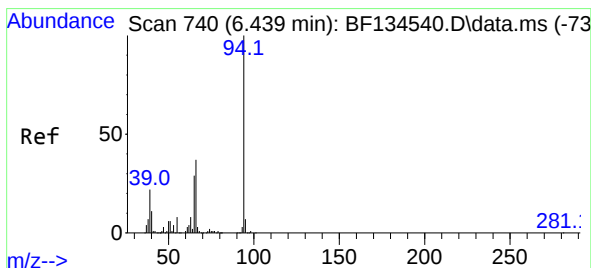
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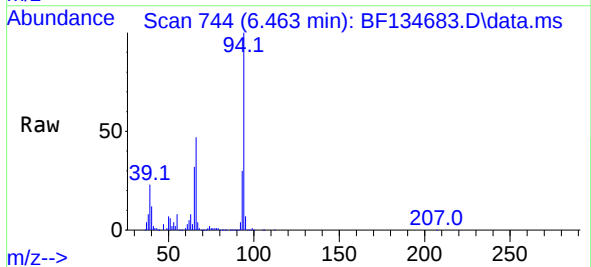


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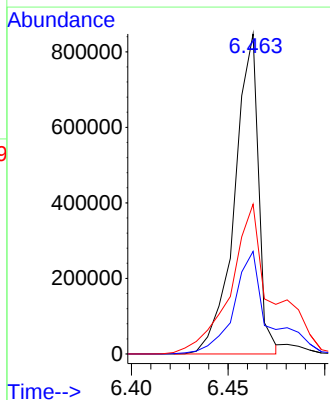
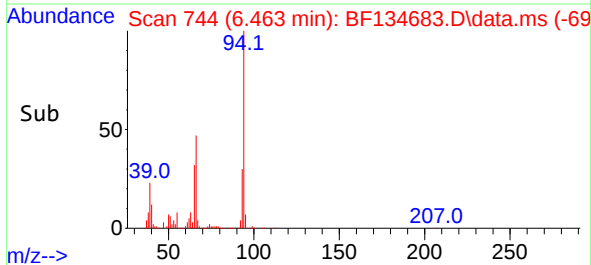
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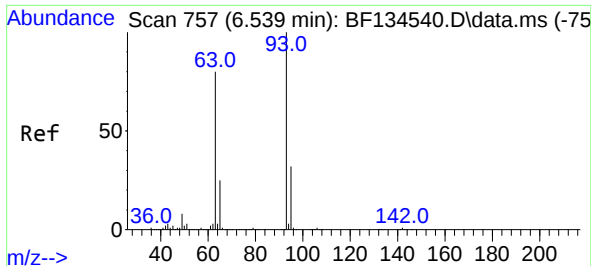


#10
Phenol
Concen: 44.415 ng m
RT: 6.463 min Scan# 744
Delta R.T. 0.012 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



Tgt Ion: 94 Resp: 731131
Ion Ratio Lower Upper
94 100
65 32.0 17.8 57.8
66 46.8 35.2 75.2





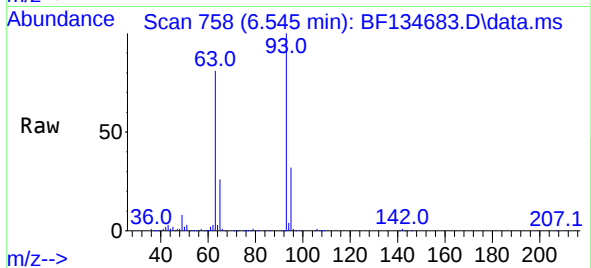
#11
bis(2-Chloroethyl)ether
Concen: 45.305 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

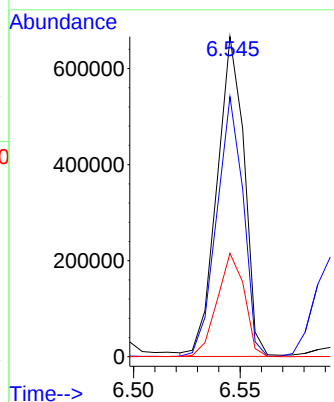
OS-1MSD



Tgt Ion: 93 Resp: 592439
Ion Ratio Lower Upper
93 100
63 81.2 68.4 108.4
95 32.3 12.4 52.4

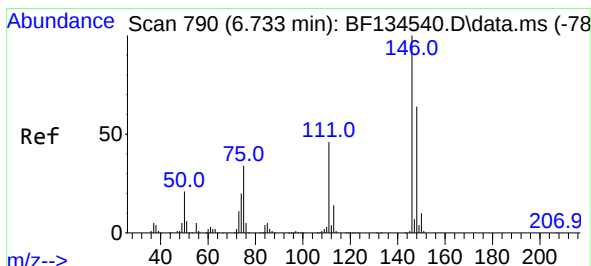
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

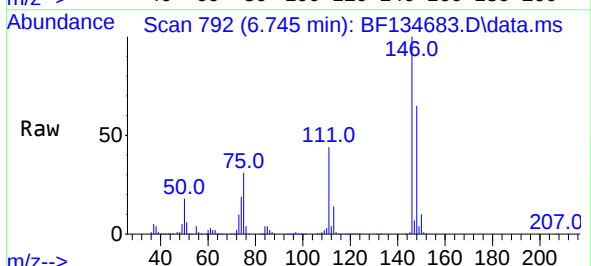


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ahmed

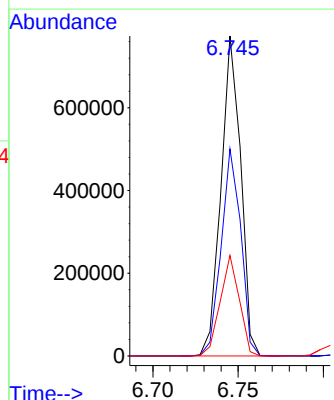
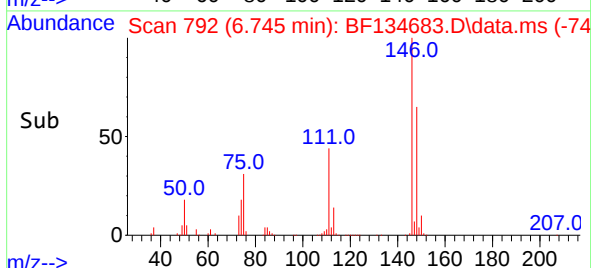
08/10/2023

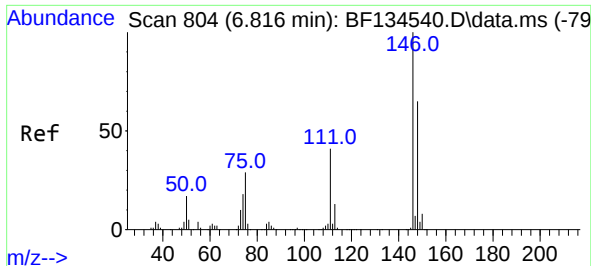


#12
1,3-Dichlorobenzene
Concen: 45.632 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



Tgt Ion:146 Resp: 622349
Ion Ratio Lower Upper
146 100
148 64.7 49.7 74.5
75 31.4 29.5 44.3





#13
1,4-Dichlorobenzene
Concen: 46.087 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

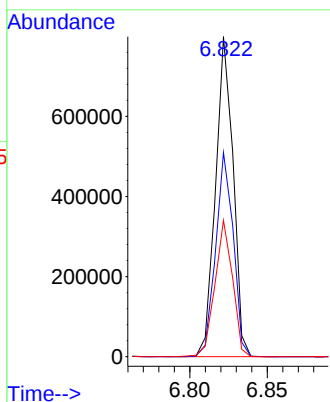
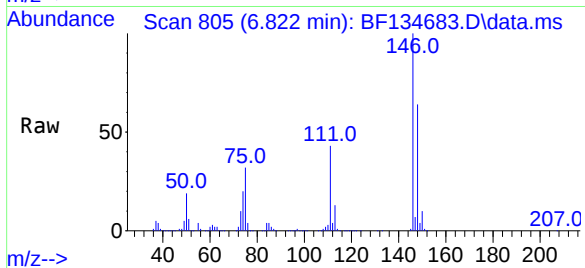
ClientSampleId :

OS-1MSD

Tgt Ion:146 Resp: 629949
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
111 42.6 36.6 55.0

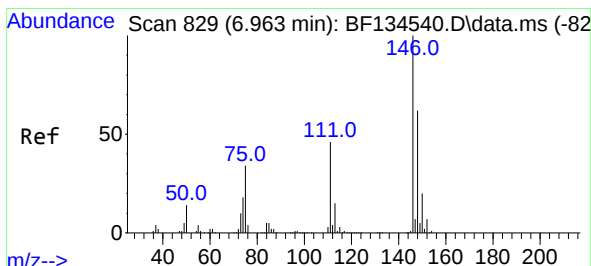
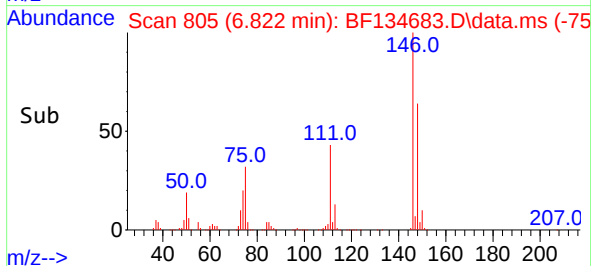
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Reviewed By :Yogesh
Patel



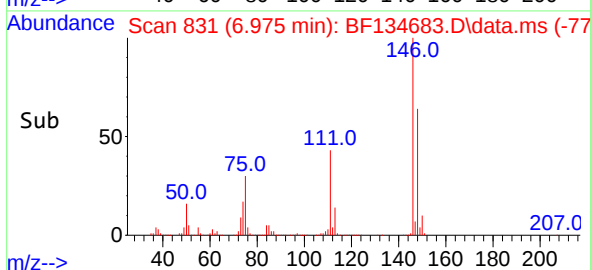
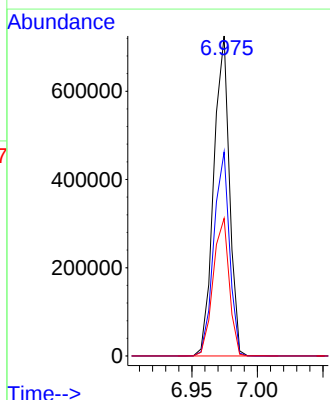
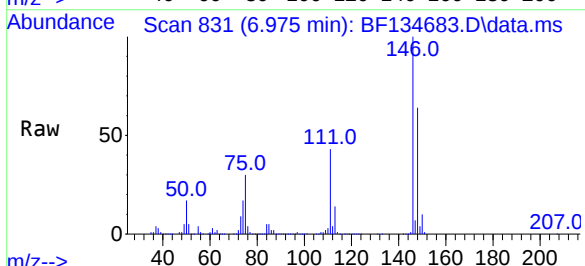
08/10/2023
Supervised By :mohammad
ahmed

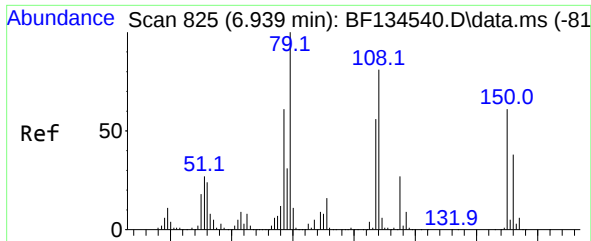
08/10/2023



#14
1,2-Dichlorobenzene
Concen: 47.346 ng
RT: 6.975 min Scan# 831
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

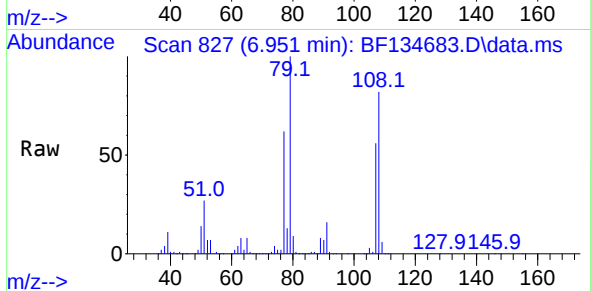
Tgt Ion:146 Resp: 602984
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
111 43.0 39.9 59.9





#15
Benzyl Alcohol
Concen: 45.784 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

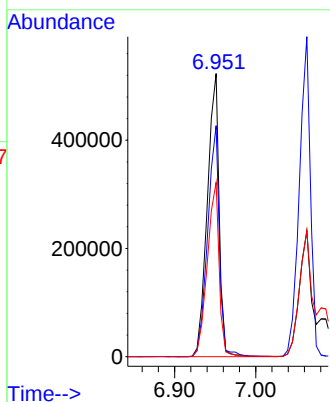
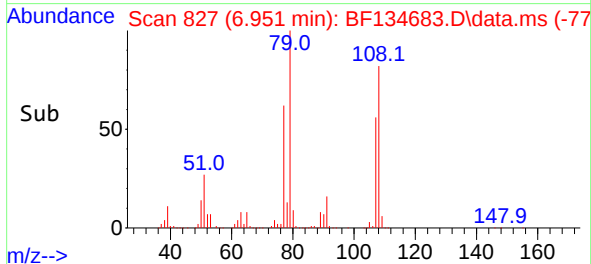
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion: 79 Resp: 527598
Ion Ratio Lower Upper
79 100
108 81.6 56.3 84.5
77 61.6 50.6 76.0

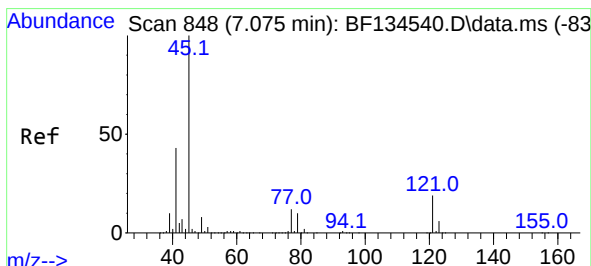
Manual Integrations
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Patel



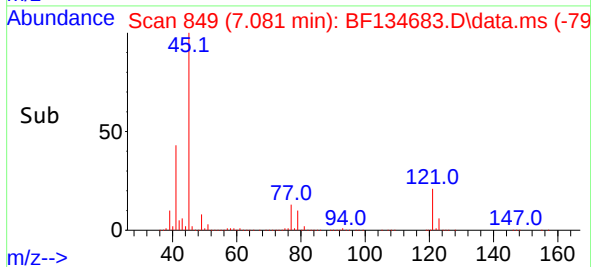
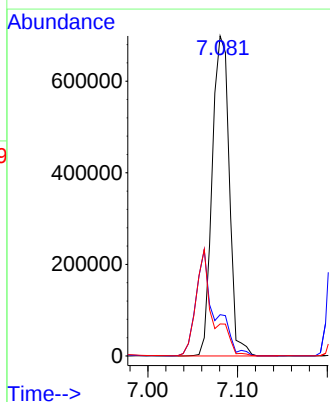
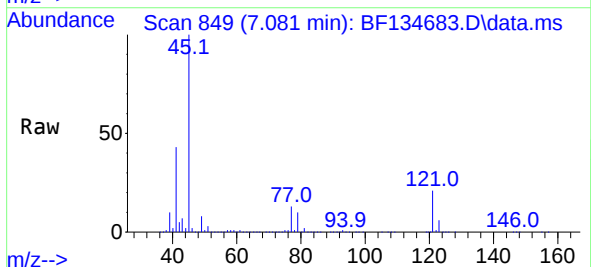
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Supervised By :mohammad
ahmed

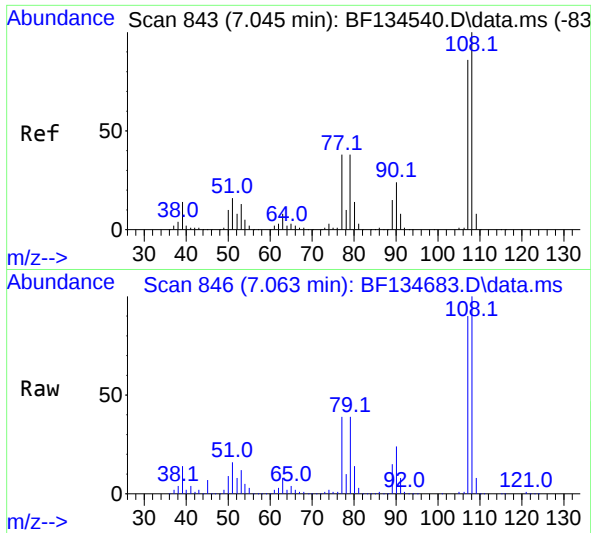
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.996 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion: 45 Resp: 921824
Ion Ratio Lower Upper
45 100
77 12.9 0.0 37.8
79 10.0 0.0 34.5





#17
2-Methylphenol
Concen: 42.734 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.012 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

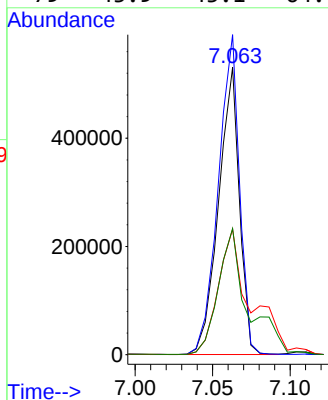
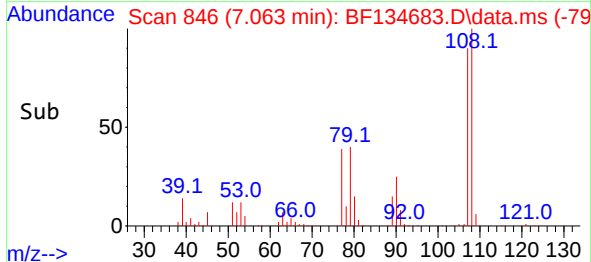
Instrument :
BNA_F
ClientSampleId :
OS-1MSD

Tgt Ion:107 Resp: 497784

Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.4	134.2
77	43.7	42.4	63.6
79	43.9	43.1	64.7

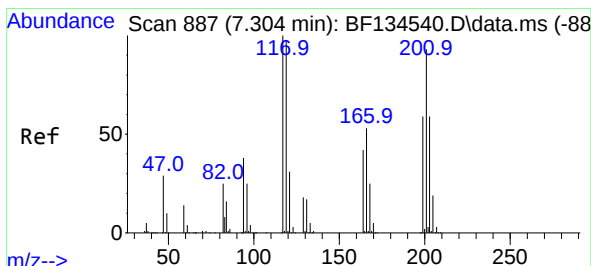
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Patel



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Supervised By :mohammad
ahmed

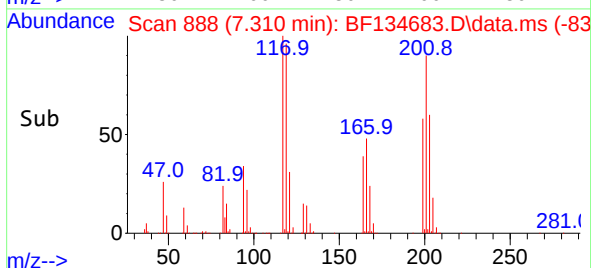
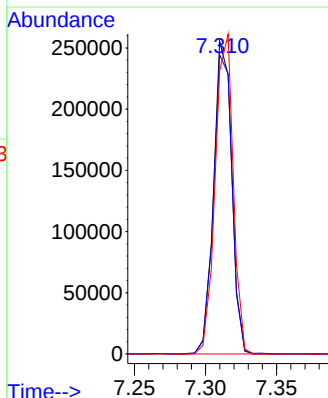
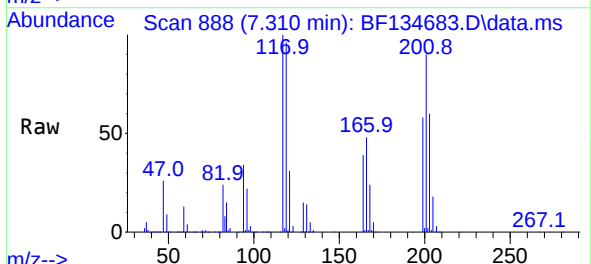
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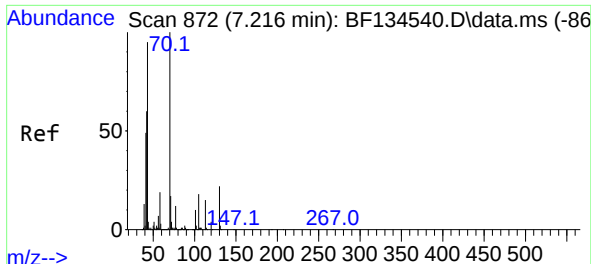


#18
Hexachloroethane
Concen: 47.005 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:117 Resp: 225495

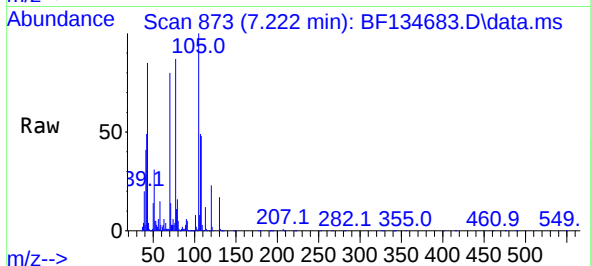
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	90.4	73.6	110.4





#19
n-Nitroso-di-n-propylamine
Concen: 39.793 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

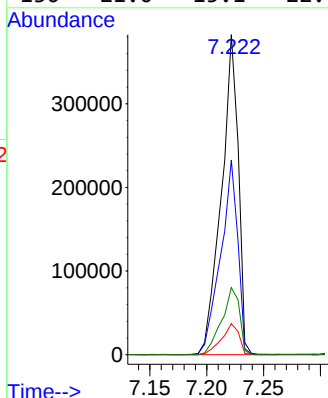
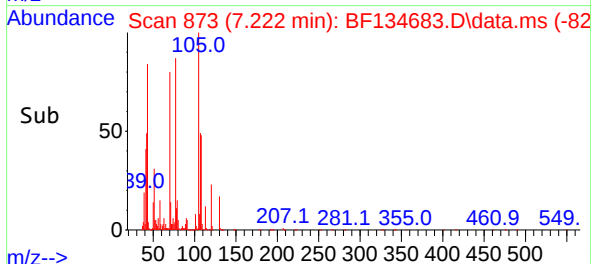
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion: 70 Resp: 397970
Ion Ratio Lower Upper
70 100
42 60.9 54.7 82.1
101 9.7 8.2 12.2
130 21.0 15.1 22.7

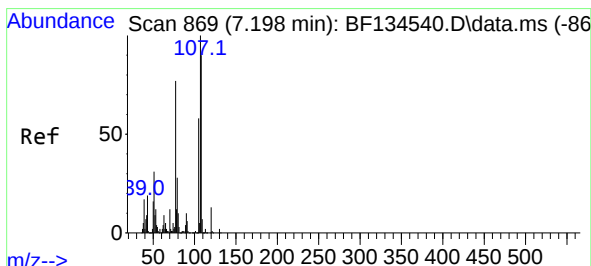
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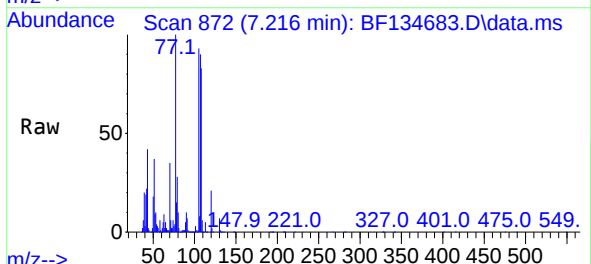


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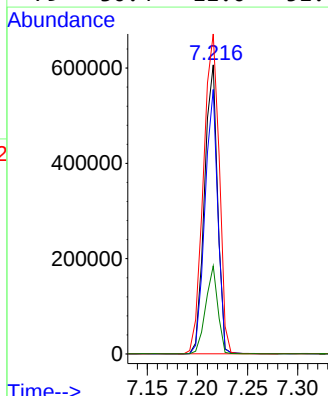
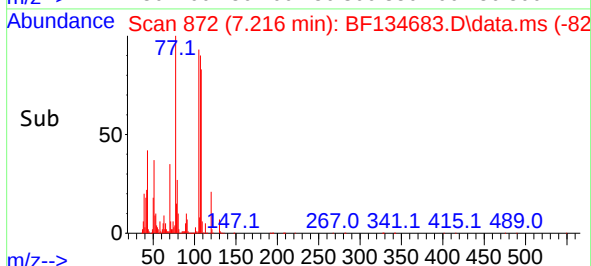
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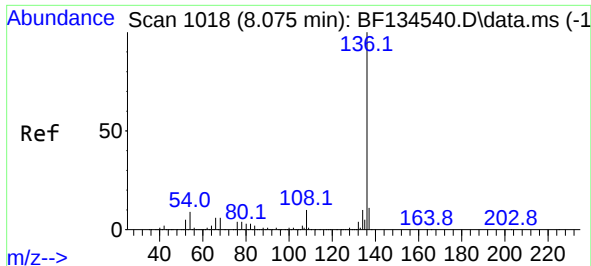


#20
3+4-Methylphenols
Concen: 39.409 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



Tgt Ion:107 Resp: 553615
Ion Ratio Lower Upper
107 100
108 91.5 68.1 108.1
77 110.7 122.1 162.1#
79 30.4 11.0 51.0





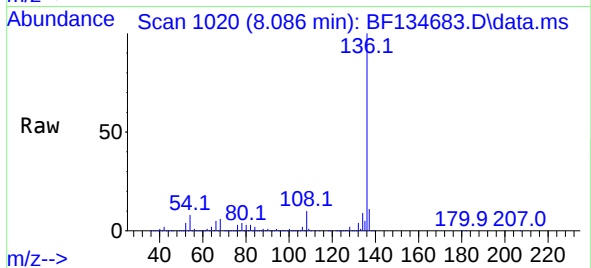
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

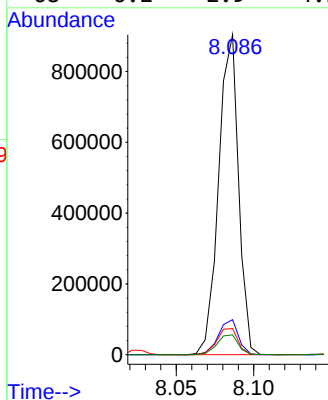
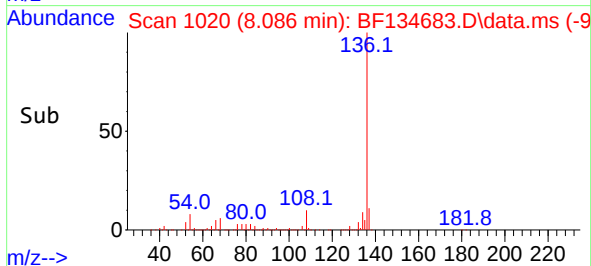
OS-1MSD



Tgt Ion:136 Resp: 80740
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.2 5.2 7.8
68 6.2 2.9 4.3#

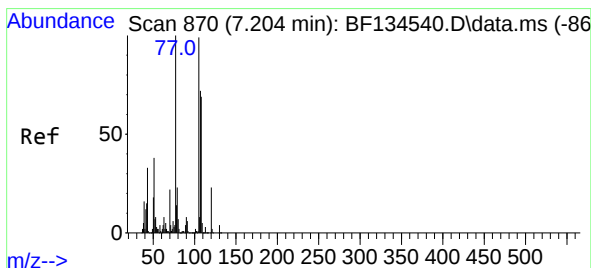
Manual Integrations
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Patel



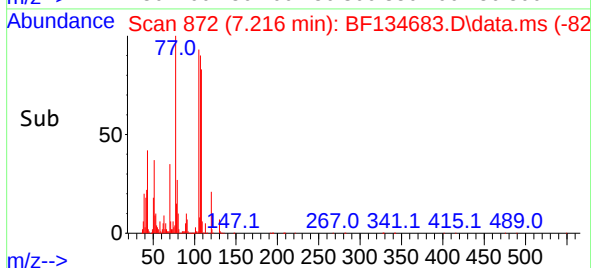
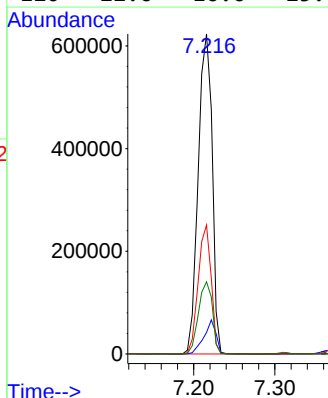
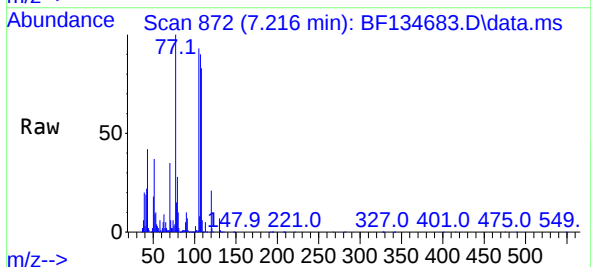
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Supervised By :mohammad
ahmed

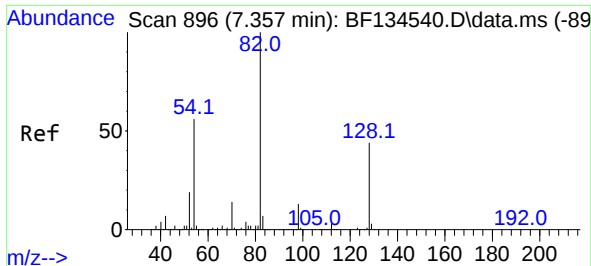
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#22
Acetophenone
Concen: 39.965 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

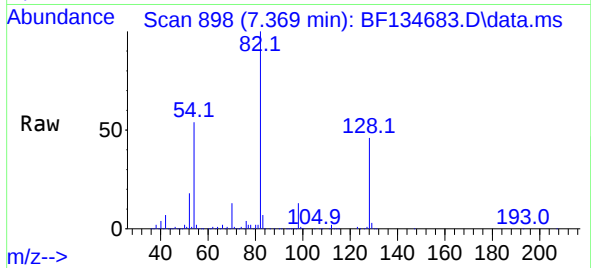
Tgt Ion:105 Resp: 744940
Ion Ratio Lower Upper
105 100
71 6.7 7.4 11.0#
51 40.3 36.4 54.6
120 22.6 16.6 25.0





#23
Nitrobenzene-d5
Concen: 72.812 ng
RT: 7.369 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

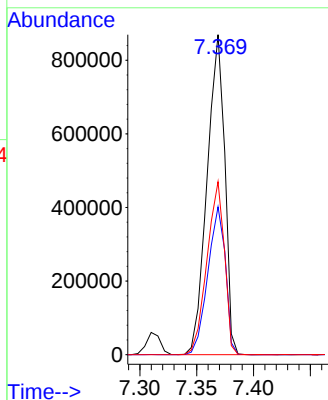
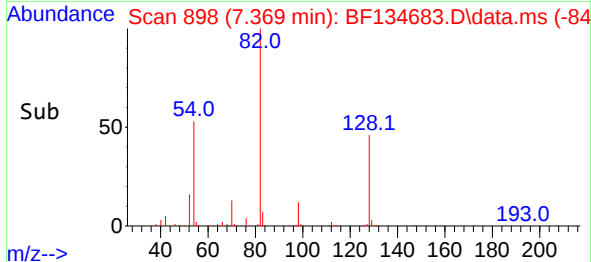
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion: 82 Resp: 940728
Ion Ratio Lower Upper
82 100
128 46.2 34.3 51.5
54 54.1 43.8 65.6

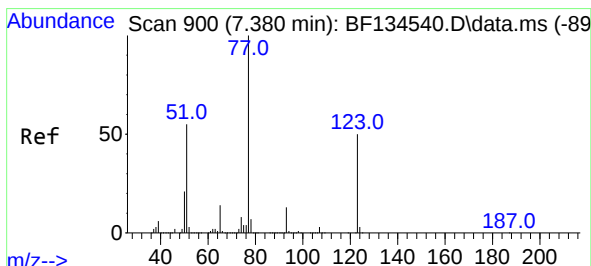
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Patel



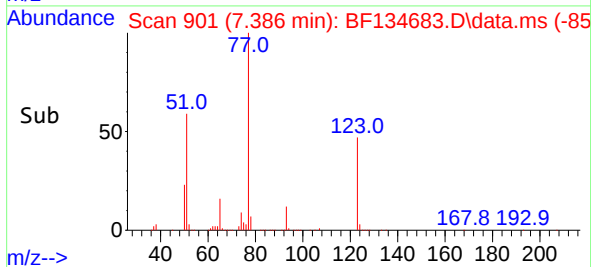
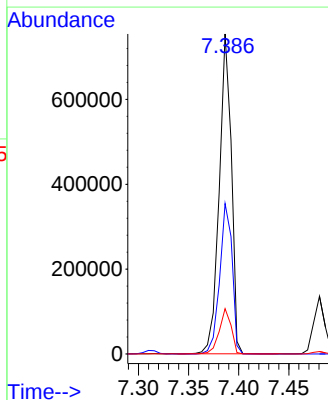
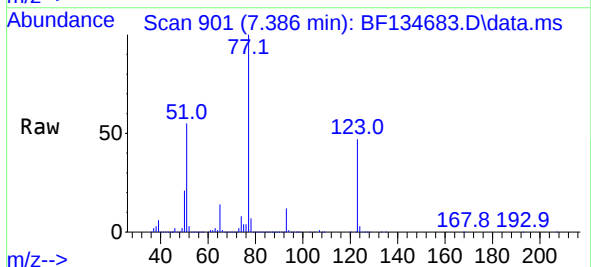
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Supervised By :mohammad
ahmed

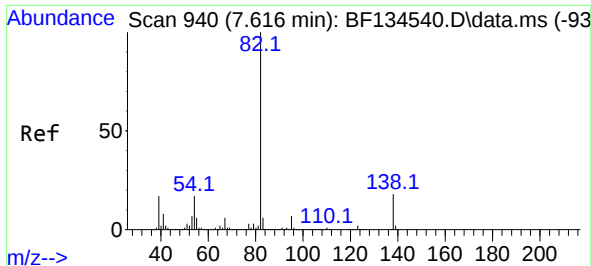
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#24
Nitrobenzene
Concen: 45.318 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

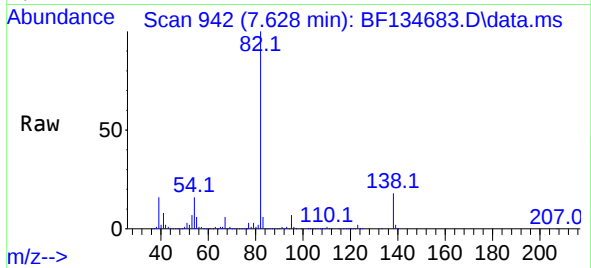
Tgt Ion: 77 Resp: 632557
Ion Ratio Lower Upper
77 100
123 47.0 35.5 53.3
65 14.2 11.9 17.9





#25
Isophorone
Concen: 42.285 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

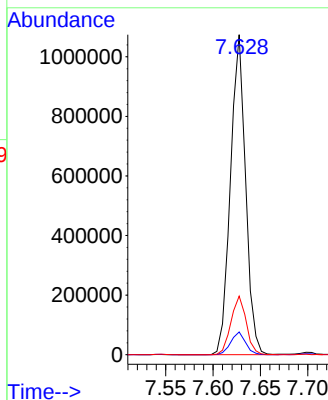
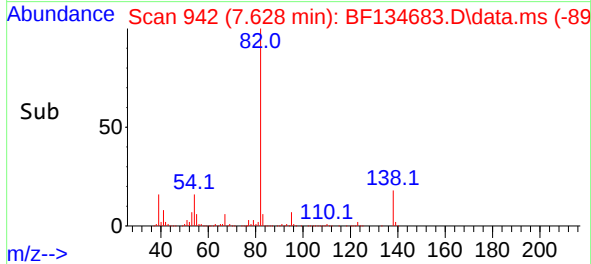
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion: 82 Resp: 119159
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 18.3 14.6 22.0

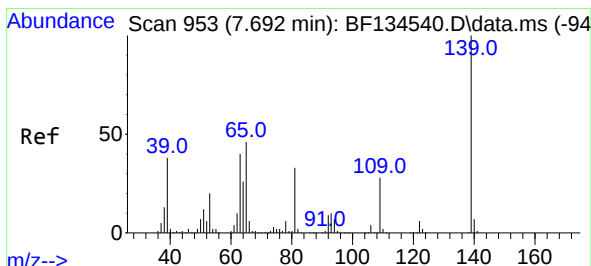
Manual Integrations
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Reviewed By :Yogesh
Patel

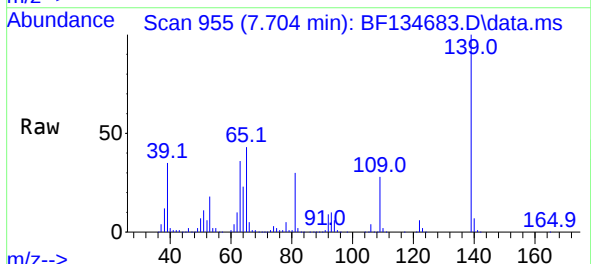


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Supervised By :mohammad
ahmed

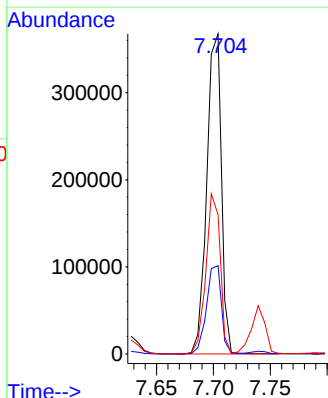
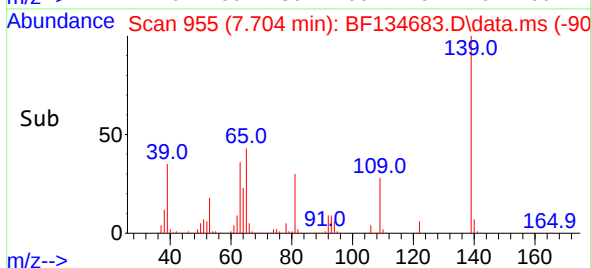
08/10/2023

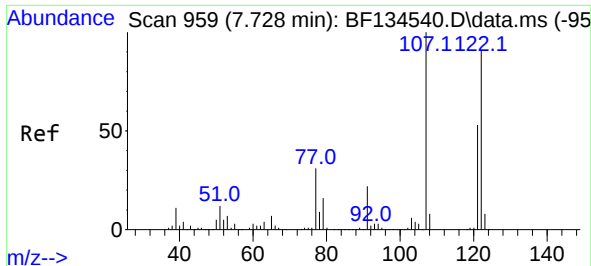


#26
2-Nitrophenol
Concen: 54.486 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



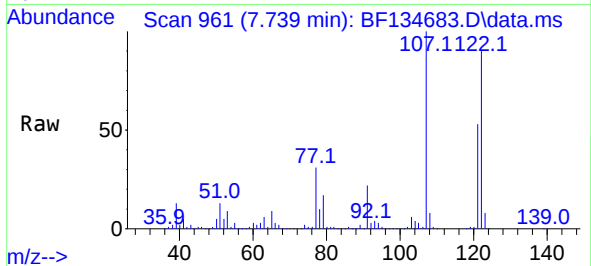
Tgt Ion:139 Resp: 327894
Ion Ratio Lower Upper
139 100
109 27.6 29.8 44.6#
65 43.5 45.4 68.2#





#27
2,4-Dimethylphenol
Concen: 39.262 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

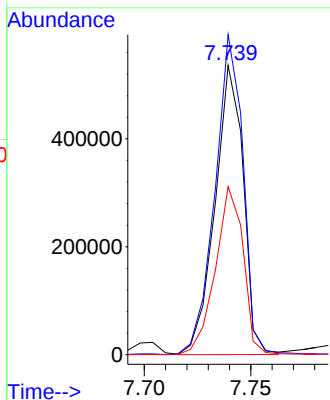
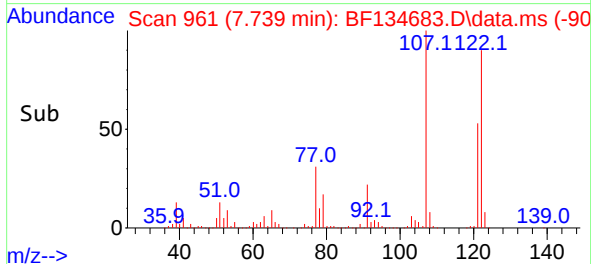
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion:122 Resp: 49366
Ion Ratio Lower Upper
122 100
107 110.6 106.7 160.1
121 58.1 49.0 73.6

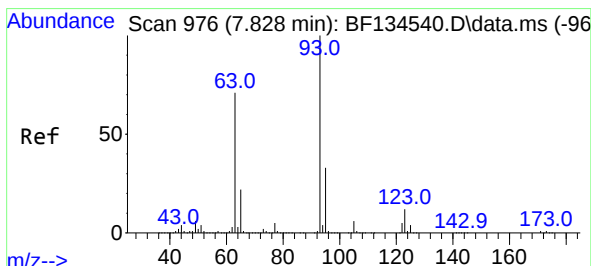
Manual Integrations
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Reviewed By :Yogesh
Patel

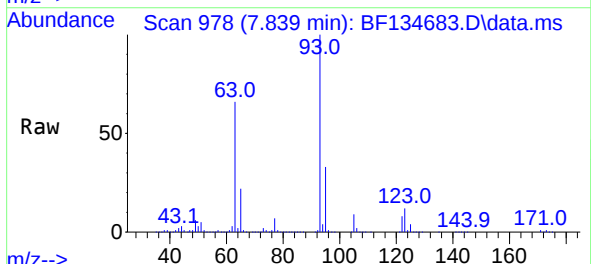


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Supervised By :mohammad
ahmed

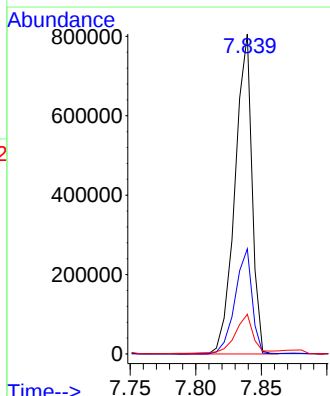
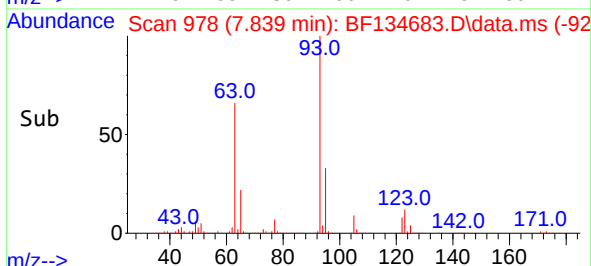
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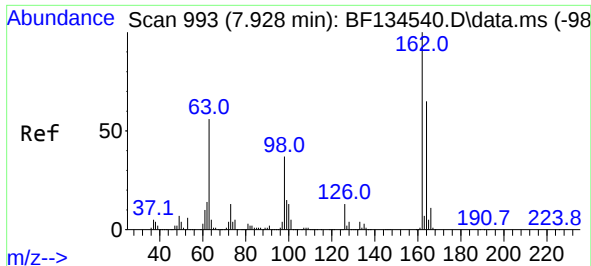


#28
bis(2-Chloroethoxy)methane
Concen: 43.238 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



Tgt Ion: 93 Resp: 728874
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 12.4 9.6 14.4





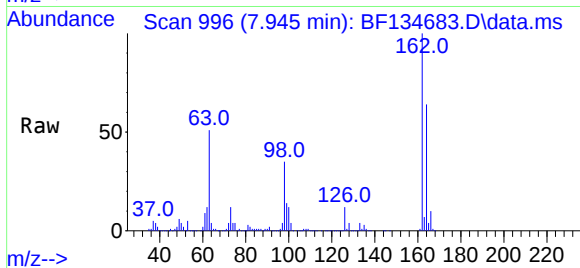
#29
2,4-Dichlorophenol
Concen: 44.884 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

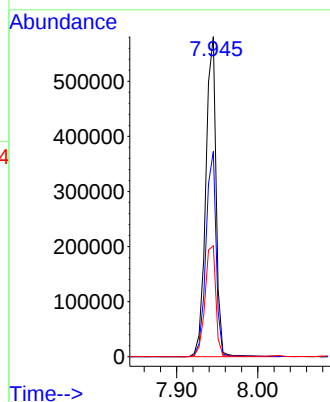
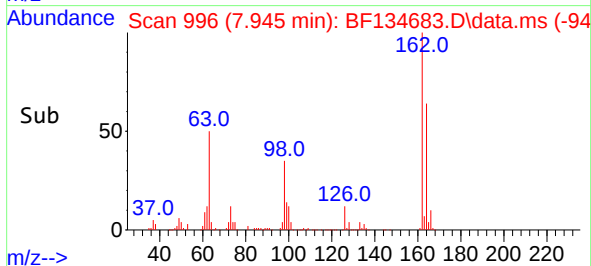
OS-1MSD



Tgt Ion:162 Resp: 512220
Ion Ratio Lower Upper
162 100
164 64.2 42.2 82.2
98 34.7 15.5 55.5

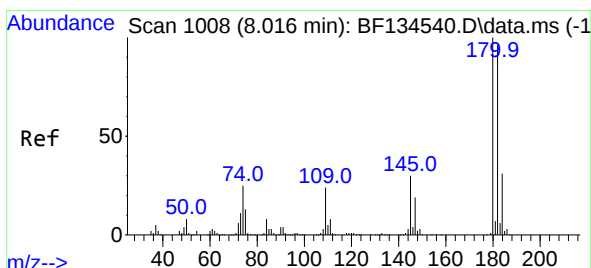
Manual Integrations
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Reviewed By :Yogesh
Patel

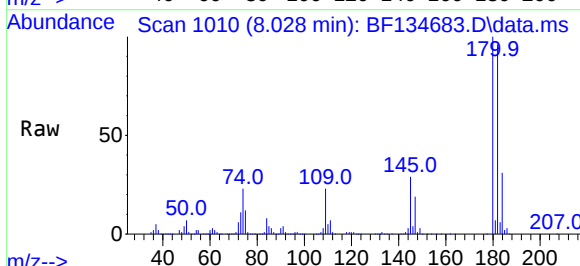


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ahmed

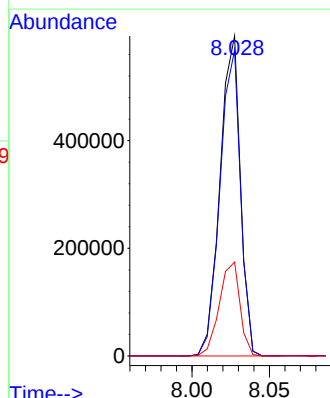
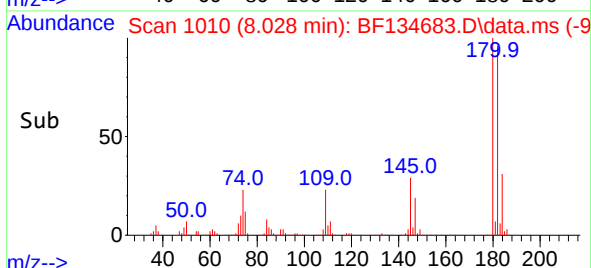
08/10/2023

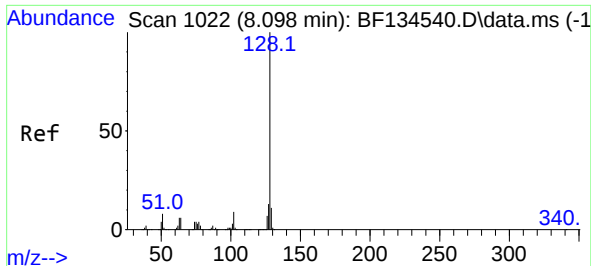


#30
1,2,4-Trichlorobenzene
Concen: 44.707 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



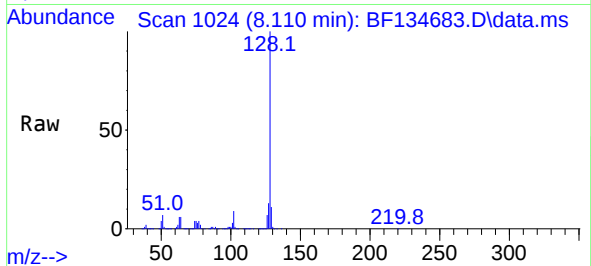
Tgt Ion:180 Resp: 544059
Ion Ratio Lower Upper
180 100
182 95.6 75.0 112.6
145 29.3 25.5 38.3





#31
Naphthalene
Concen: 41.655 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

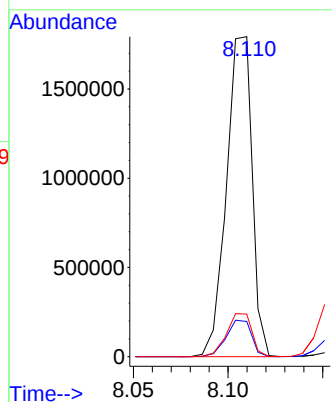
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion:128 Resp: 1690289
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 13.3 10.7 16.1

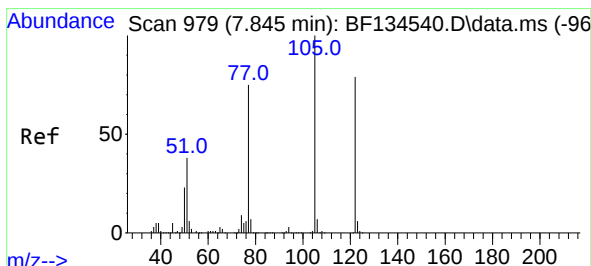
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Reviewed By :Yogesh
Patel



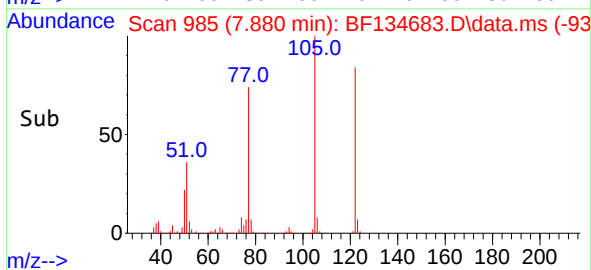
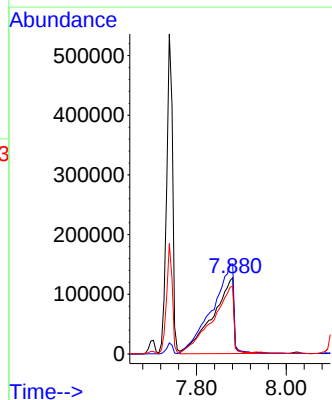
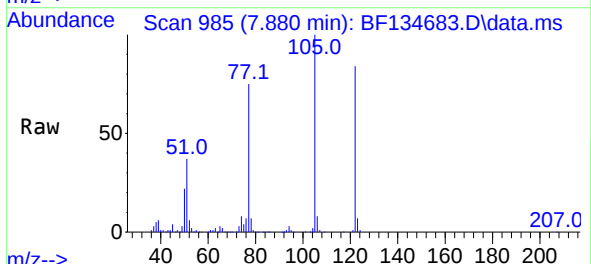
08/10/2023
Supervised By :mohammad
ahmed

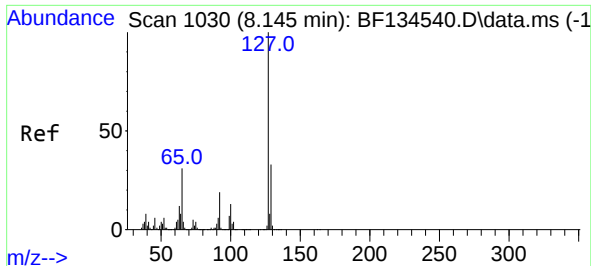
08/10/2023



#32
Benzoic acid
Concen: 50.578 ng
RT: 7.880 min Scan# 985
Delta R.T. 0.018 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

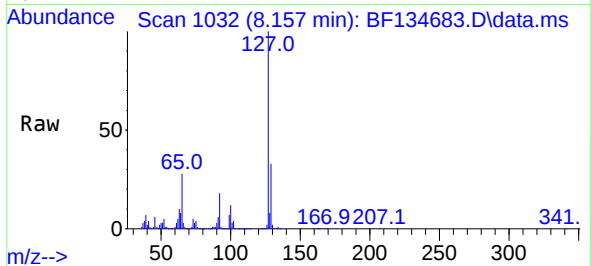
Tgt Ion:122 Resp: 418984
Ion Ratio Lower Upper
122 100
105 118.5 87.5 127.5
77 89.1 71.4 111.4





#33
4-Chloroaniline
Concen: 19.054 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

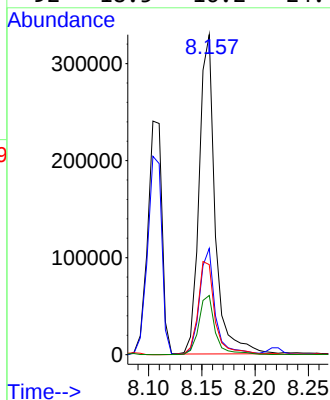
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion:127 Resp: 34450
Ion Ratio Lower Upper
127 100
129 33.2 25.6 38.4
65 28.1 25.4 38.0
92 18.5 16.2 24.4

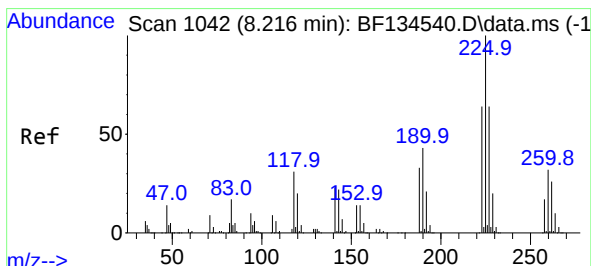
Manual Integrations
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Reviewed By :Yogesh
Patel



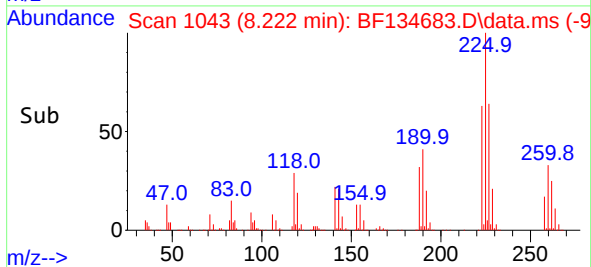
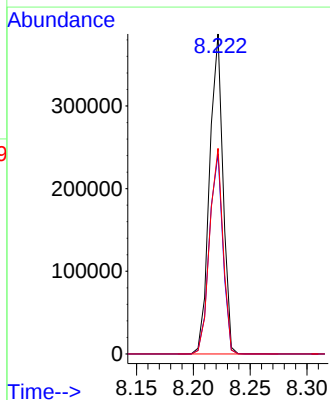
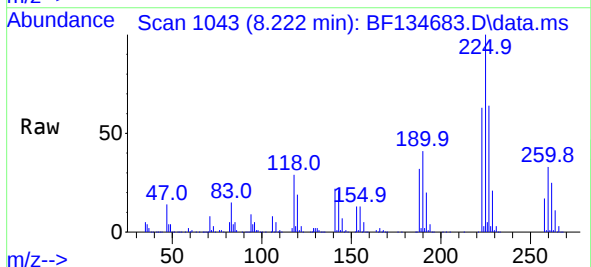
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Supervised By :mohammad
ahmed

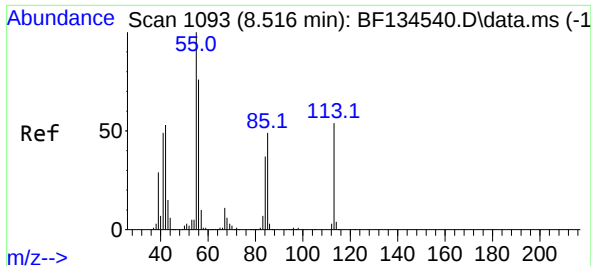
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#34
Hexachlorobutadiene
Concen: 45.151 ng
RT: 8.222 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

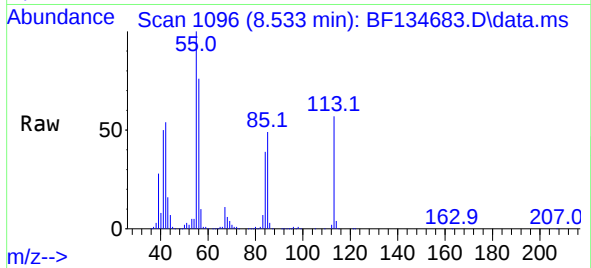
Tgt Ion:225 Resp: 316937
Ion Ratio Lower Upper
225 100
223 62.6 48.2 72.4
227 64.3 48.5 72.7





#35
Caprolactam
Concen: 48.731 ng m
RT: 8.533 min Scan# 1096
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

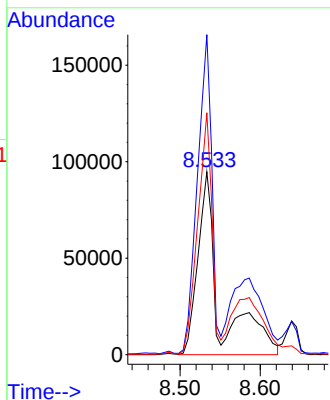
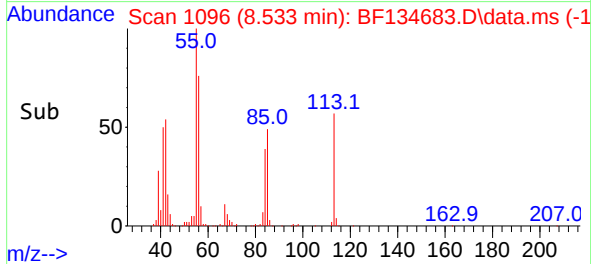
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion:113 Resp: 179420
Ion Ratio Lower Upper
113 100
55 174.9 161.5 201.5
56 132.3 117.8 157.8

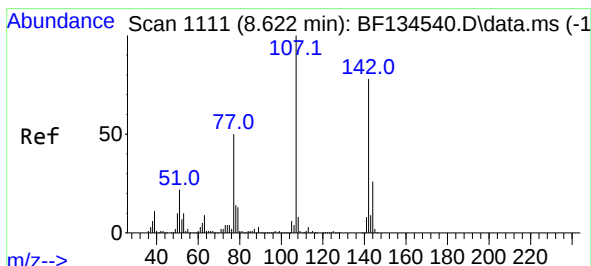
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Reviewed By :Yogesh
Patel



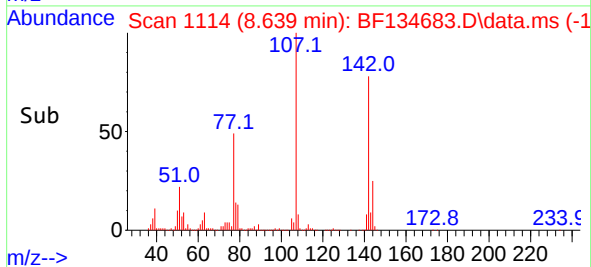
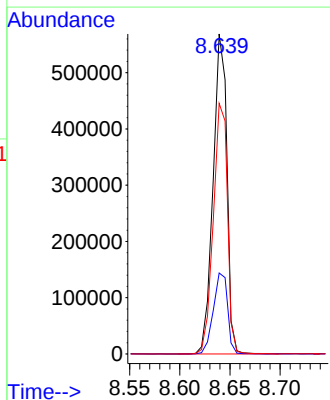
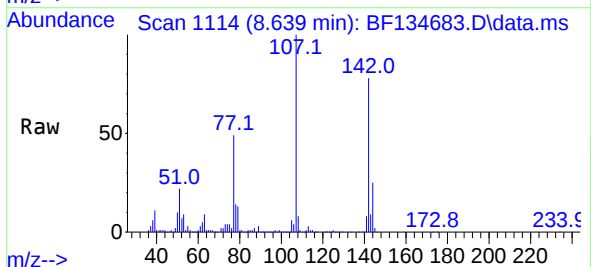
08/10/2023
Supervised By :mohammad
ahmed

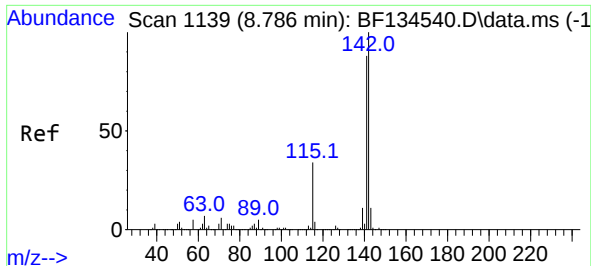
08/10/2023



#36
4-Chloro-3-methylphenol
Concen: 45.109 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

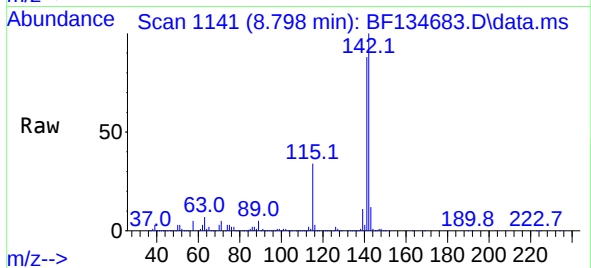
Tgt Ion:107 Resp: 545174
Ion Ratio Lower Upper
107 100
144 25.3 19.6 29.4
142 78.3 57.7 86.5





#37
2-Methylnaphthalene
Concen: 40.384 ng
RT: 8.798 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

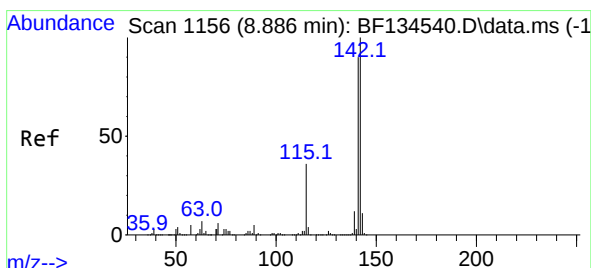
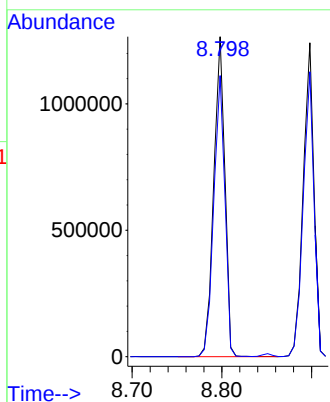
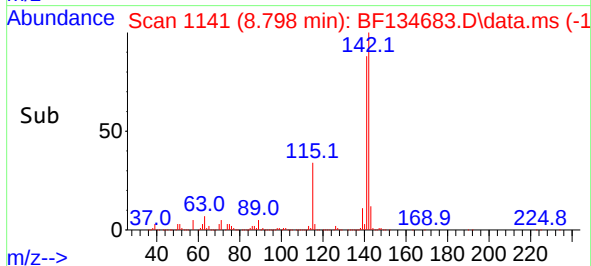
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



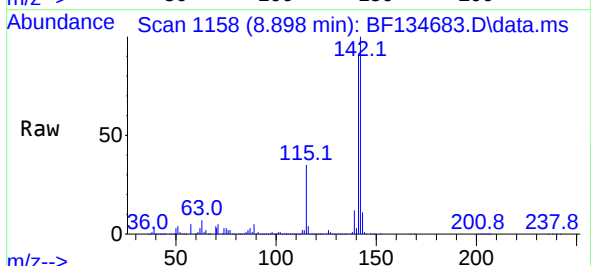
Tgt Ion:142 Resp: 1086208
Ion Ratio Lower Upper
142 100
141 87.9 70.8 106.2

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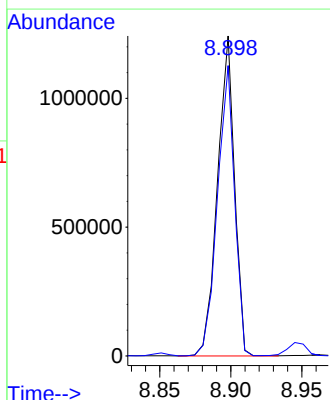
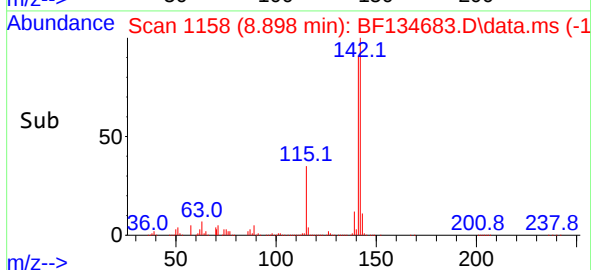
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

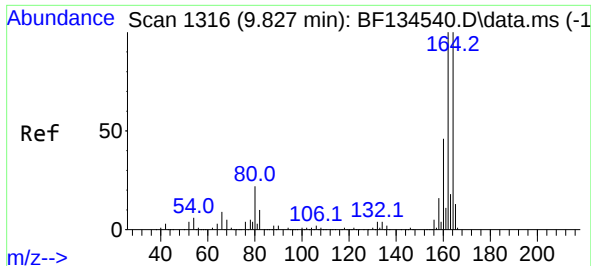


#38
1-Methylnaphthalene
Concen: 41.306 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



Tgt Ion:142 Resp: 1033113
Ion Ratio Lower Upper
142 100
141 90.8 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1118

Delta R.T. 0.006 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

Tgt Ion:164 Resp: 408444

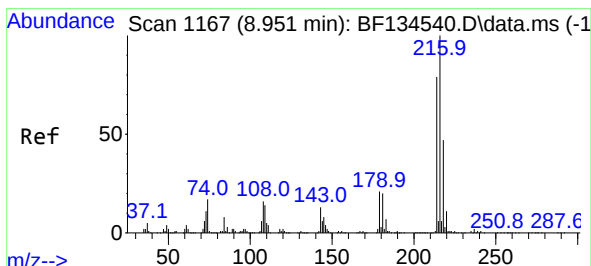
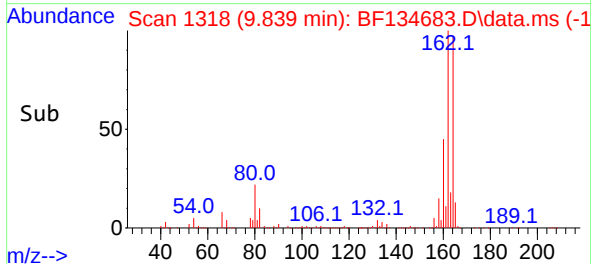
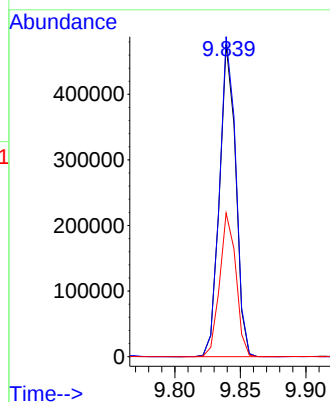
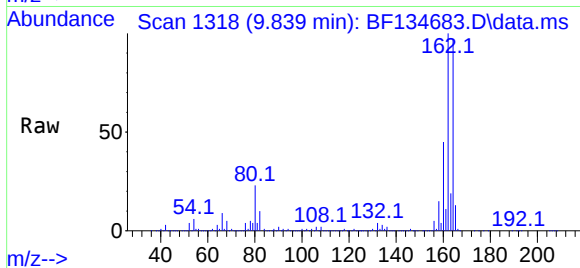
Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	46.1	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.538 ng

RT: 8.963 min Scan# 1169

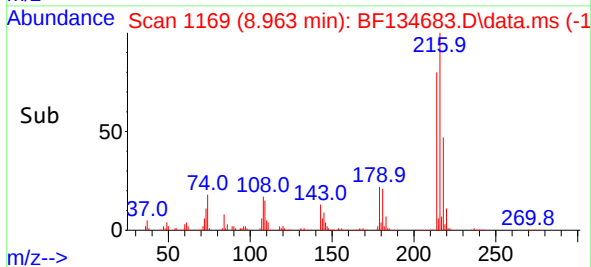
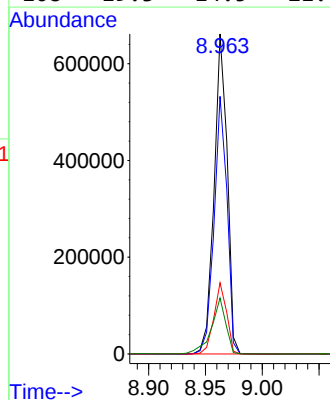
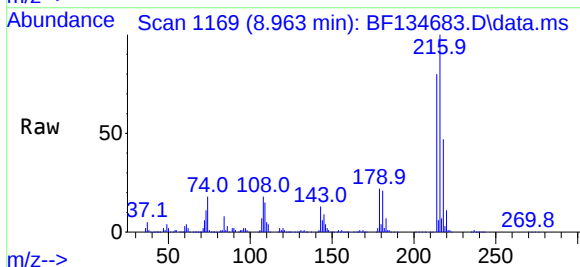
Delta R.T. 0.006 min

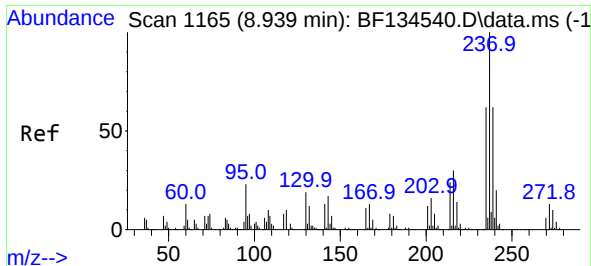
Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Tgt Ion:216 Resp: 528990

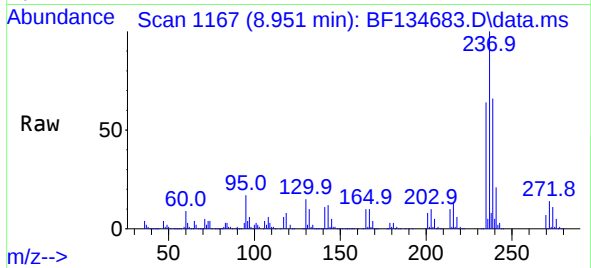
Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.3	93.5
179	21.6	17.4	26.0
108	19.3	14.5	21.7





#41
Hexachlorocyclopentadiene
Concen: 69.824 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

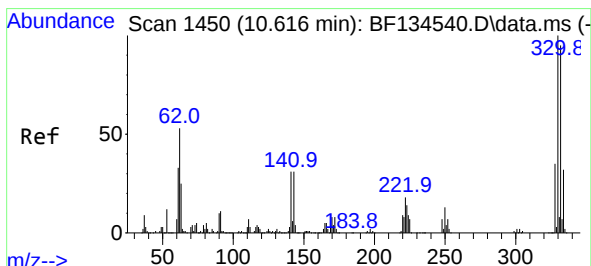
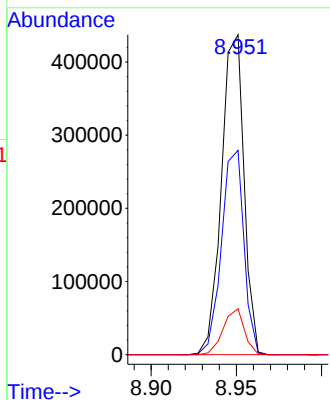
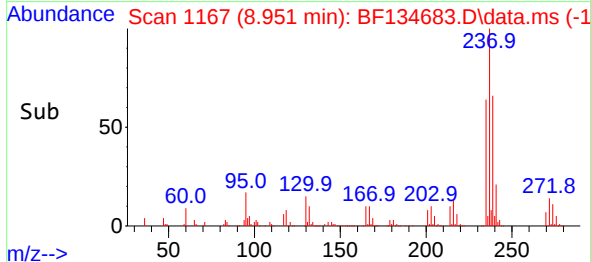
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



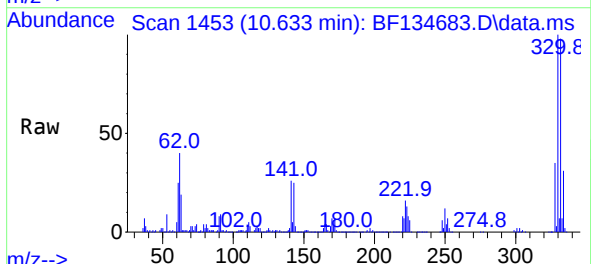
Tgt Ion:237 Resp: 403284
Ion Ratio Lower Upper
237 100
235 63.8 37.0 77.0
272 14.3 0.0 32.7

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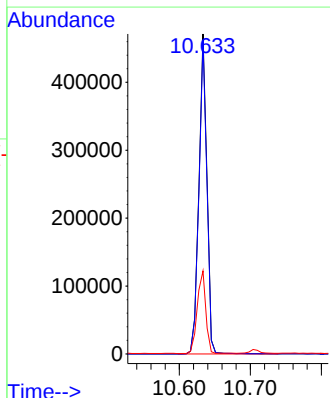
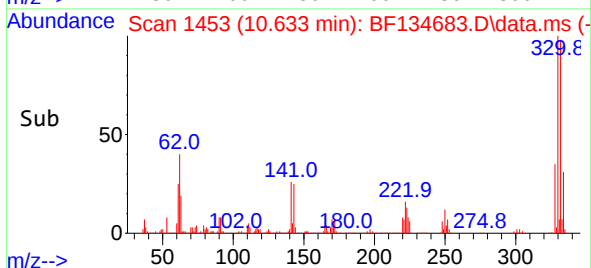
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

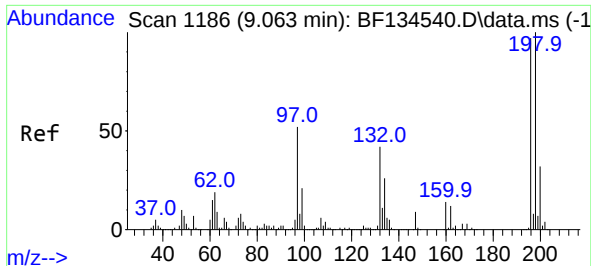


#42
2,4,6-Tribromophenol
Concen: 89.131 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



Tgt Ion:330 Resp: 371114
Ion Ratio Lower Upper
330 100
332 97.2 78.8 118.2
141 27.5 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 47.664 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF134683.D

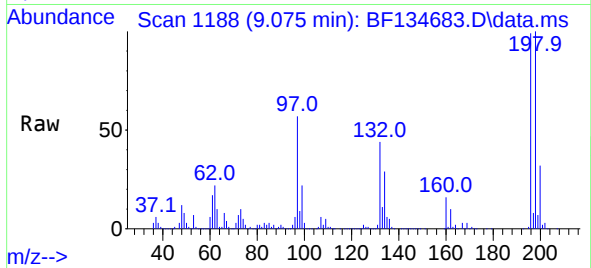
Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD



Tgt Ion:196 Resp: 37049

Ion Ratio Lower Upper

196 100

198 100.8 77.4 116.2

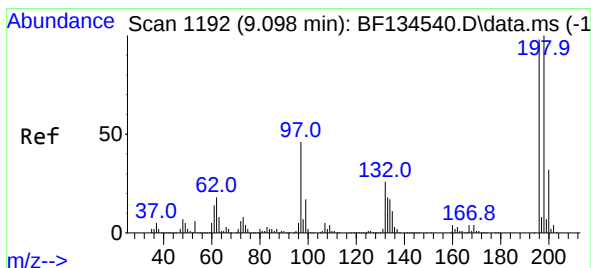
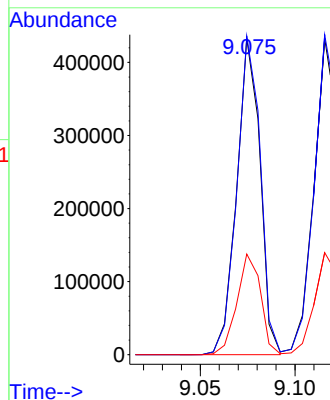
200 31.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#44

2,4,5-Trichlorophenol

Concen: 44.286 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Tgt Ion:196 Resp: 393438

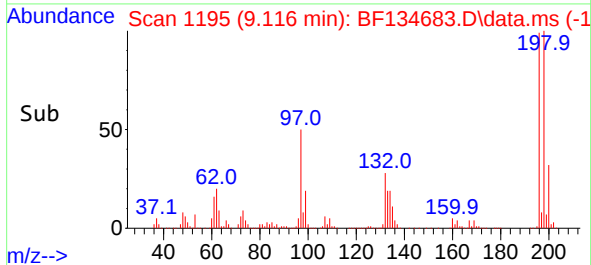
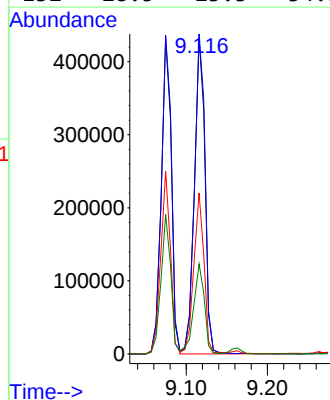
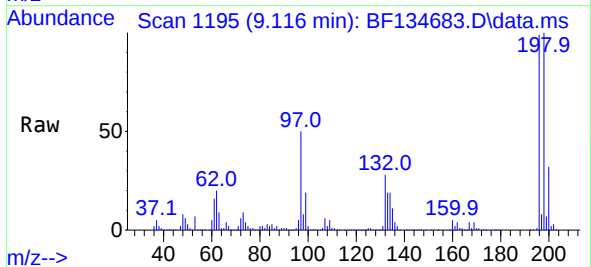
Ion Ratio Lower Upper

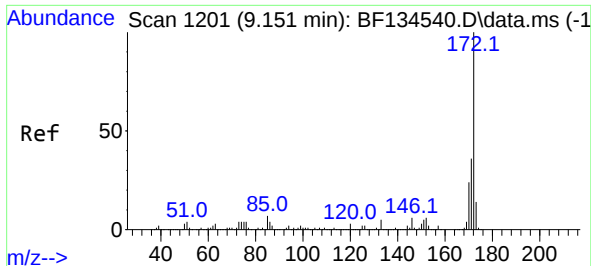
196 100

198 101.2 73.0 109.4

97 50.9 40.8 61.2

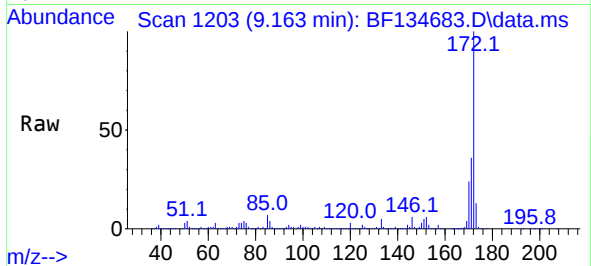
132 28.5 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 68.179 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

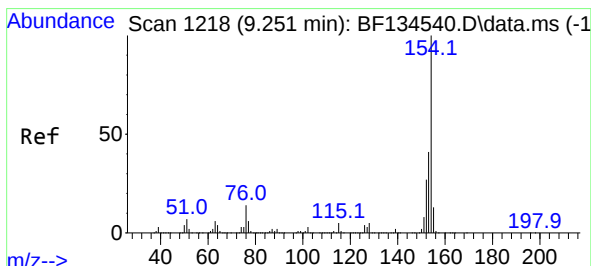
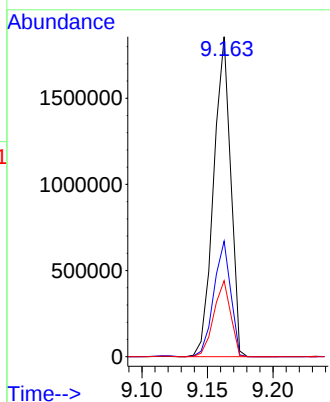
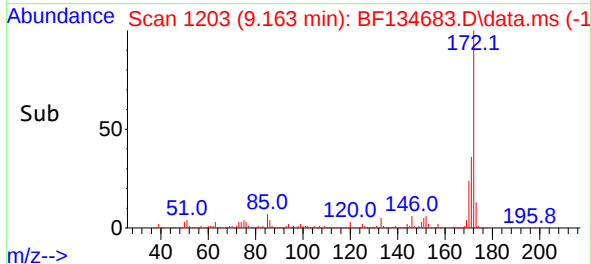
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



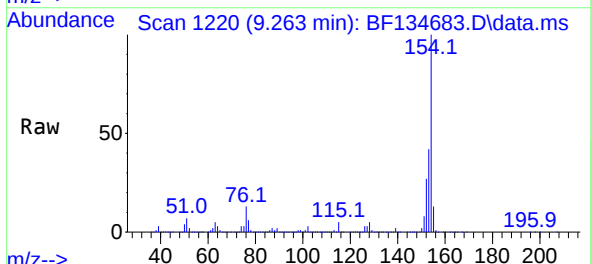
Tgt Ion:172 Resp: 1674829
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 23.7 18.7 28.1

Manual Integrations
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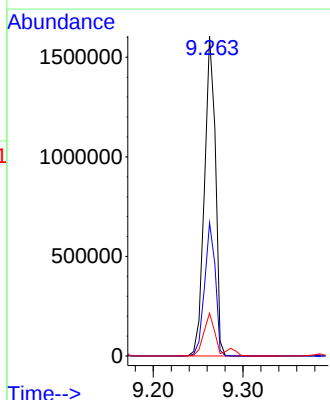
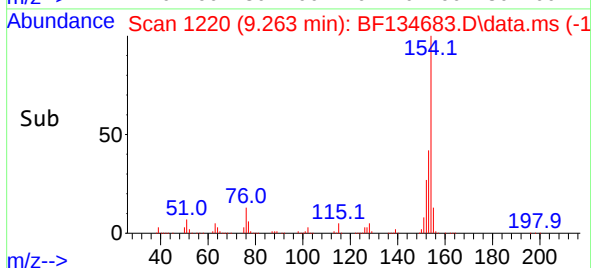
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

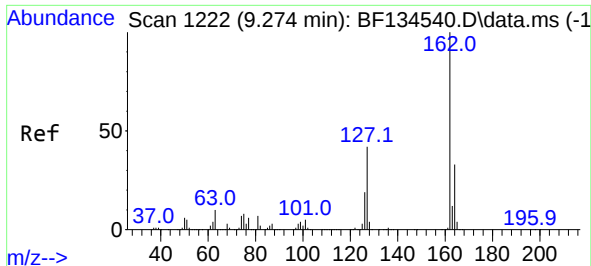


#46
1,1'-Biphenyl
Concen: 42.857 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



Tgt Ion:154 Resp: 1361203
Ion Ratio Lower Upper
154 100
153 41.6 20.8 60.8
76 13.4 0.0 30.2





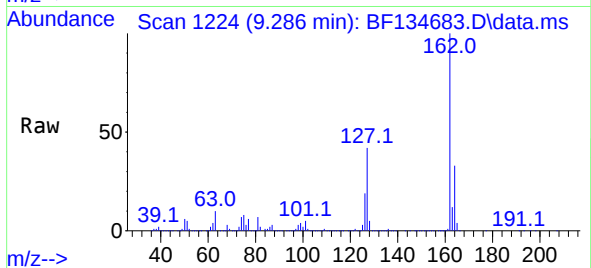
#47
2-Chloronaphthalene
Concen: 43.748 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

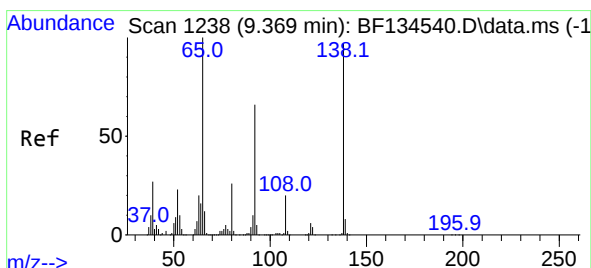
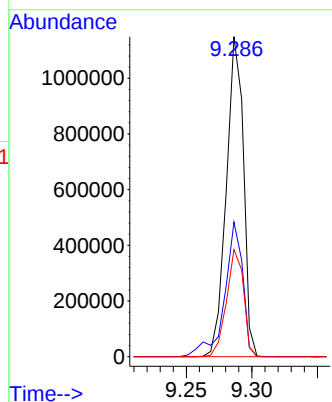
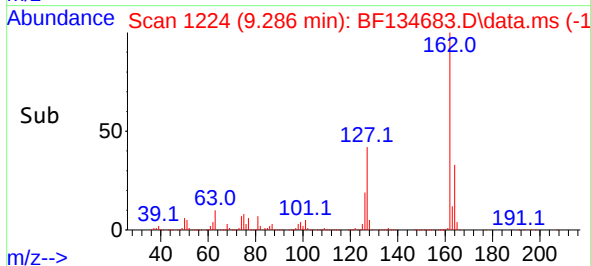


Tgt Ion:162 Resp: 1041150
Ion Ratio Lower Upper
162 100
127 42.0 34.0 51.0
164 33.5 25.7 38.5

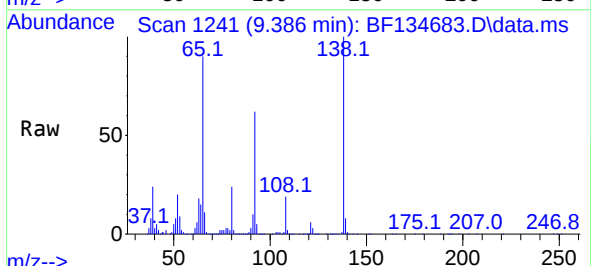
Manual Integrations

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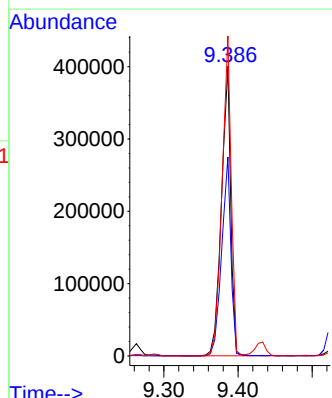
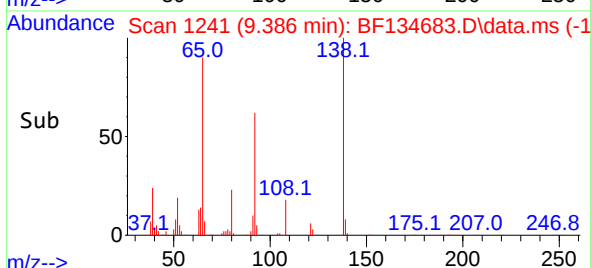
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

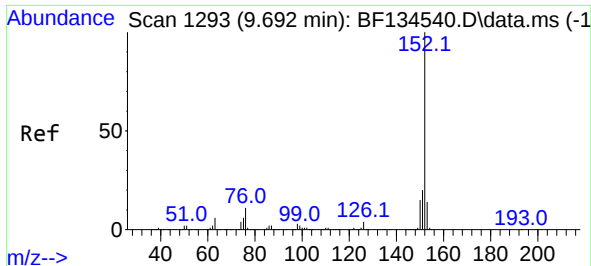


#48
2-Nitroaniline
Concen: 47.298 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



Tgt Ion: 65 Resp: 350564
Ion Ratio Lower Upper
65 100
92 68.7 50.7 76.1
138 110.5 78.2 117.4





#49

Acenaphthylene

Concen: 42.346 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

Tgt Ion:152 Resp: 1584149

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

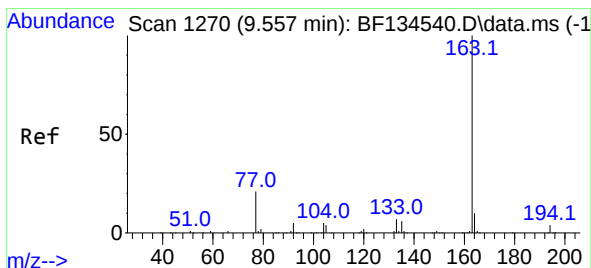
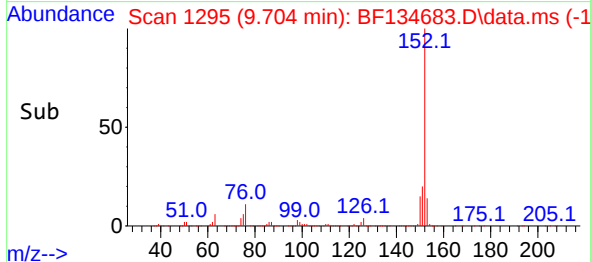
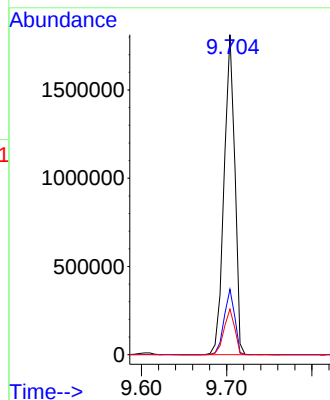
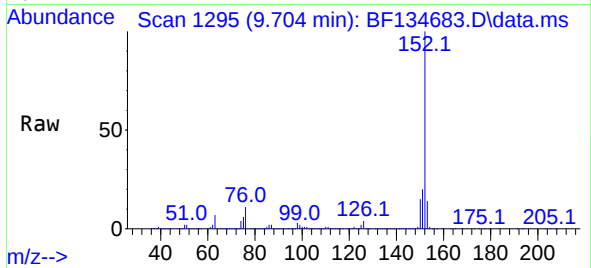
153 14.2 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2023

Supervised By :mohammad ahmed 08/10/2023



#50

Dimethylphthalate

Concen: 46.115 ng

RT: 9.569 min Scan# 1272

Delta R.T. -0.000 min

Lab File: BF134683.D

Acq: 09 Aug 2023 11:02

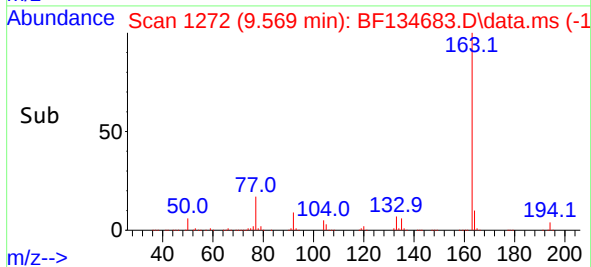
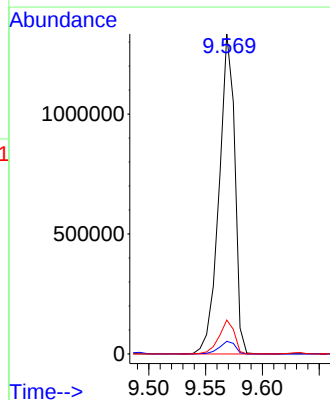
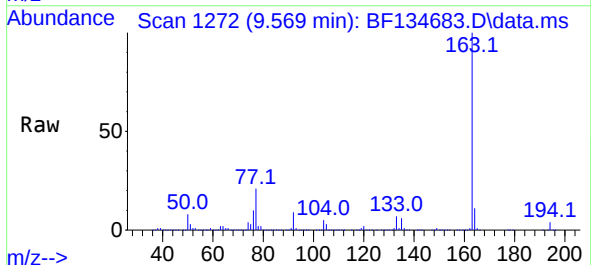
Tgt Ion:163 Resp: 1283772

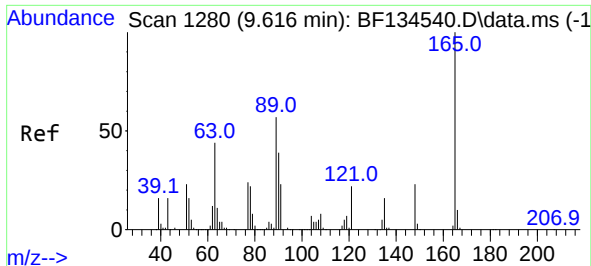
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

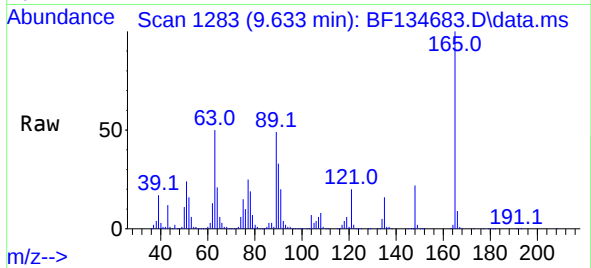
164 10.6 7.5 11.3





#51
2,6-Dinitrotoluene
Concen: 50.629 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

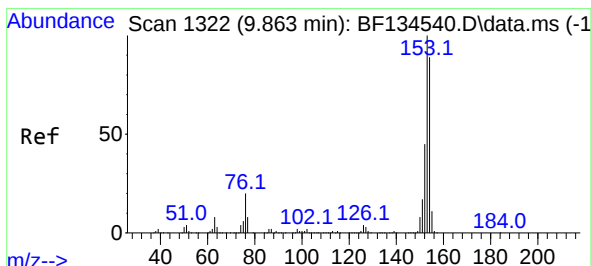
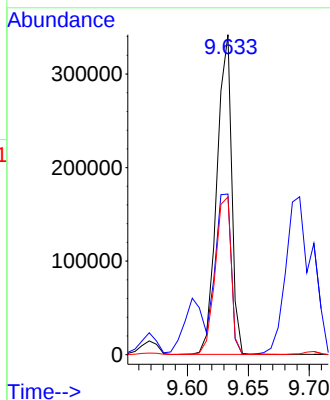
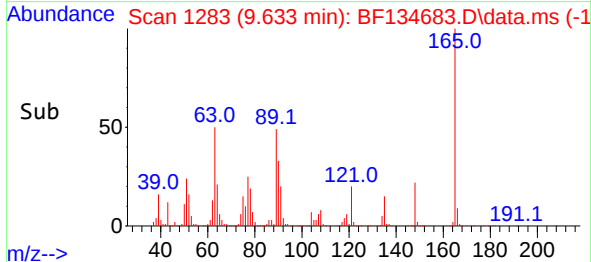
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion:165 Resp: 289600
Ion Ratio Lower Upper
165 100
63 50.2 57.8 86.6
89 49.3 51.8 77.8

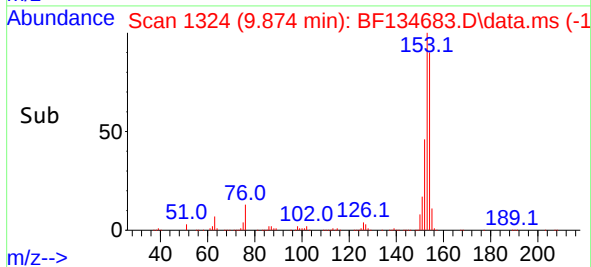
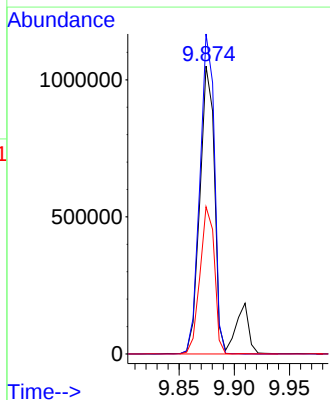
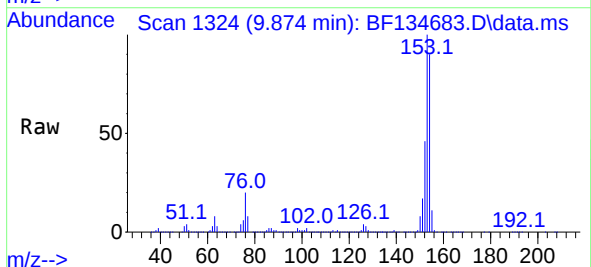
Manual Integrations
APPROVED

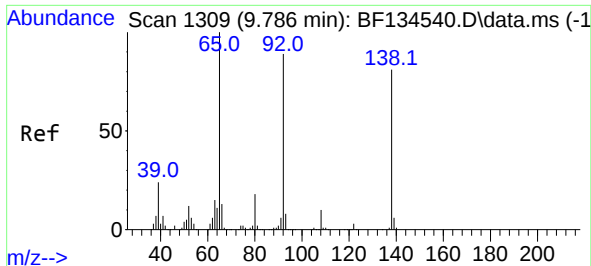
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#52
Acenaphthene
Concen: 45.816 ng m
RT: 9.874 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:154 Resp: 1110734
Ion Ratio Lower Upper
154 100
153 111.2 90.0 135.0
152 51.1 42.4 63.6





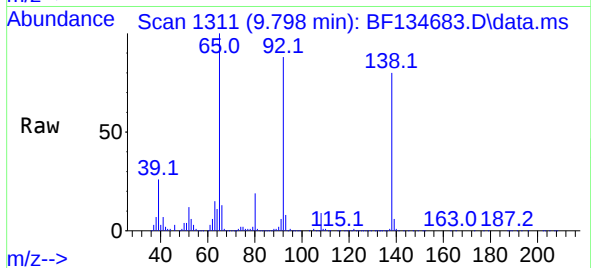
#53
3-Nitroaniline
Concen: 41.478 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

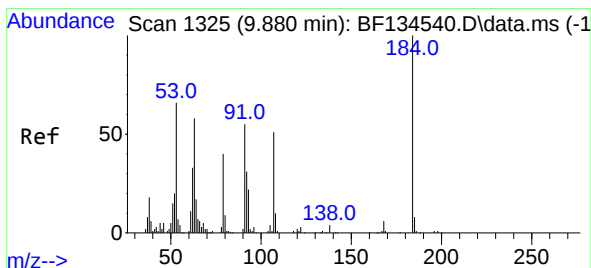
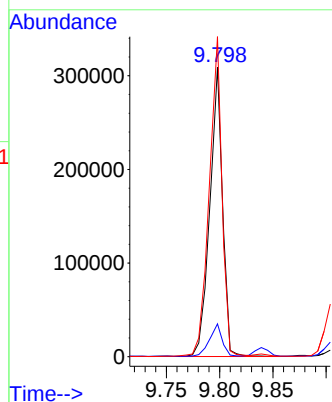
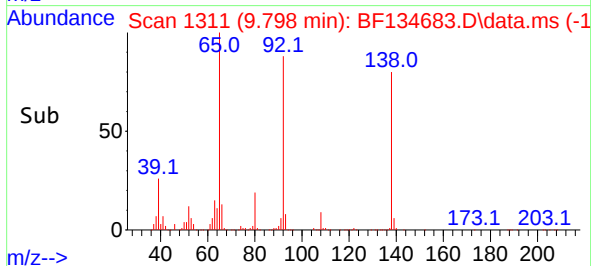


Tgt Ion:138 Resp: 25736
Ion Ratio Lower Upper
138 100
108 11.4 9.3 13.9
92 110.5 86.6 129.8

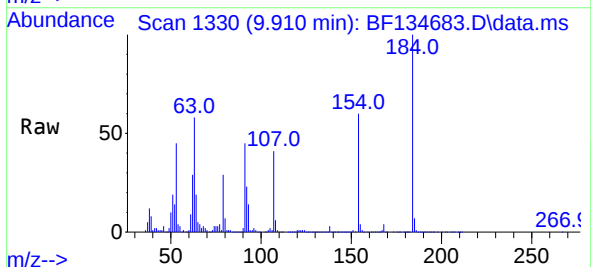
Manual Integrations

APPROVED

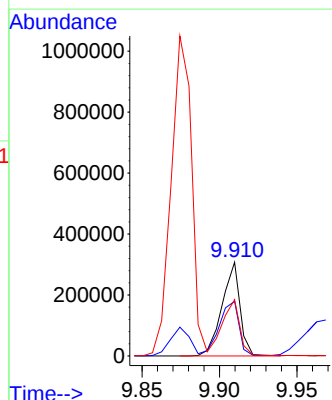
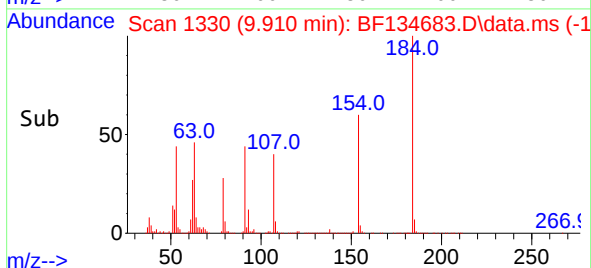
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

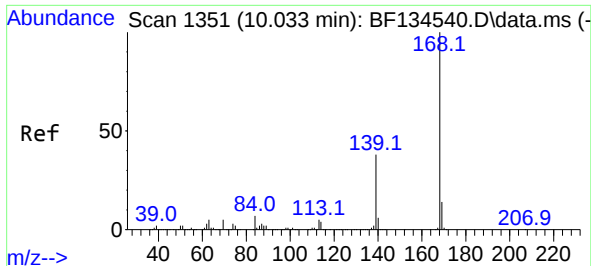


#54
2,4-Dinitrophenol
Concen: 99.466 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



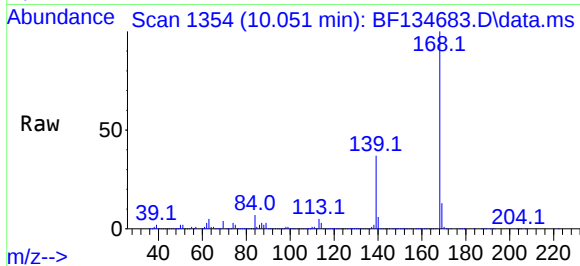
Tgt Ion:184 Resp: 248733
Ion Ratio Lower Upper
184 100
63 58.1 57.1 85.7
154 60.0 59.1 88.7





#55
Dibenzenofuran
Concen: 41.088 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

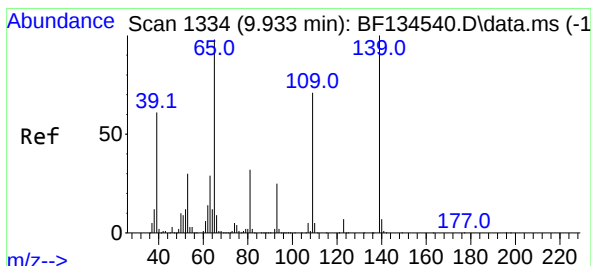
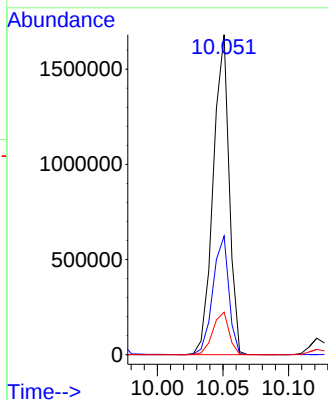
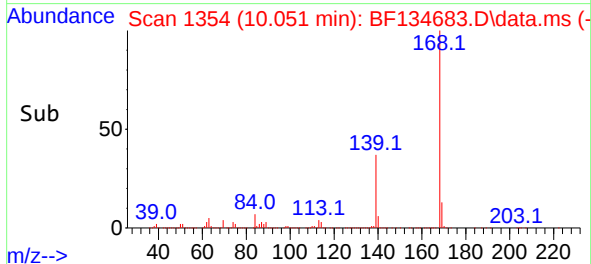
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion:168 Resp: 141800
Ion Ratio Lower Upper
168 100
139 37.1 33.4 50.2
169 13.3 10.6 15.8

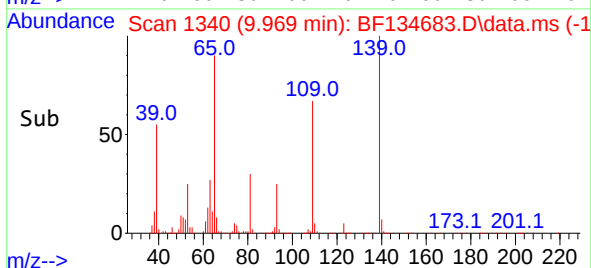
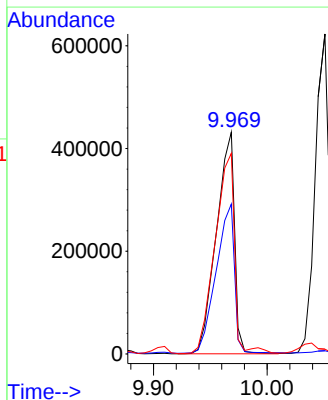
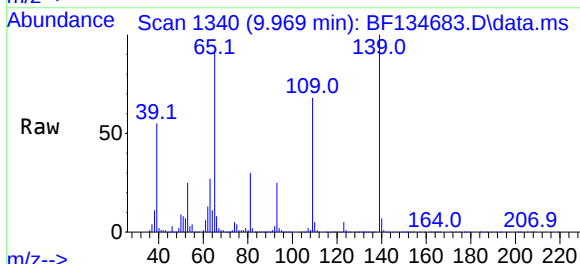
Manual Integrations
APPROVED

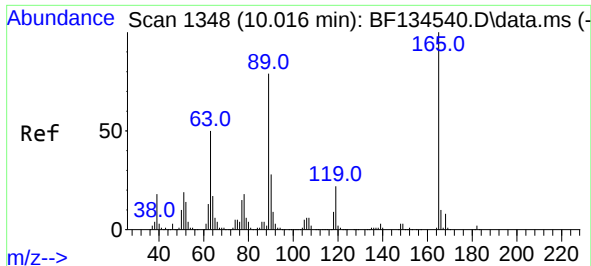
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#56
4-Nitrophenol
Concen: 94.534 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

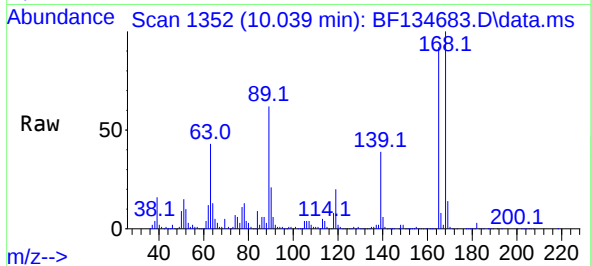
Tgt Ion:139 Resp: 479745
Ion Ratio Lower Upper
139 100
109 67.6 76.9 116.9#
65 90.5 98.5 138.5#





#57
2,4-Dinitrotoluene
Concen: 52.282 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

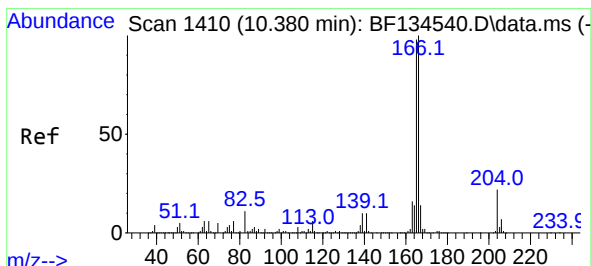
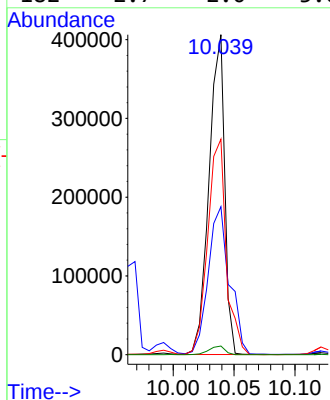
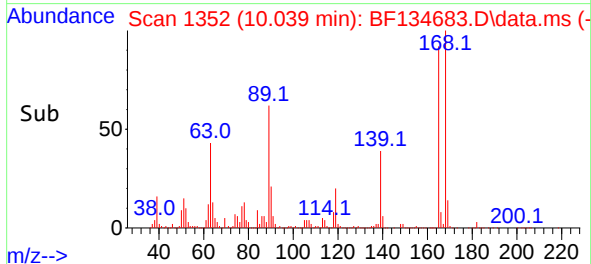
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



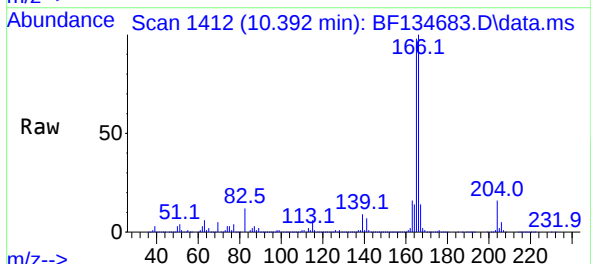
Tgt Ion:165 Resp: 362040
Ion Ratio Lower Upper
165 100
63 46.3 48.9 73.3
89 67.3 61.7 92.5
182 2.7 2.0 3.0

Manual Integrations
APPROVED

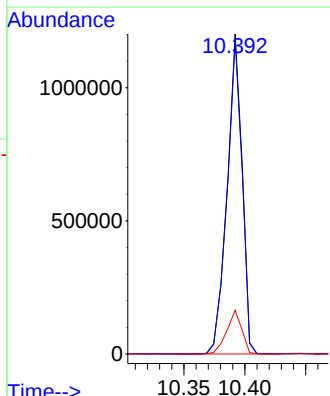
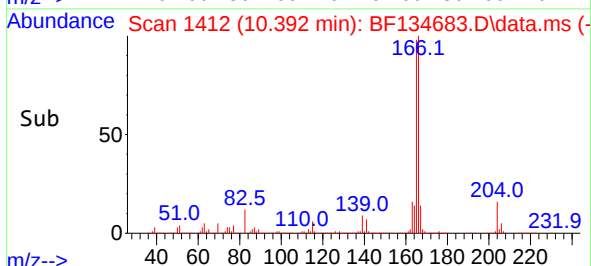
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

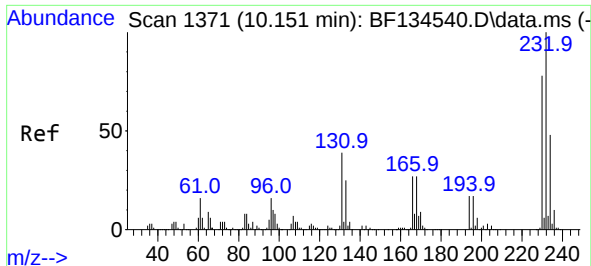


#58
Fluorene
Concen: 41.064 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



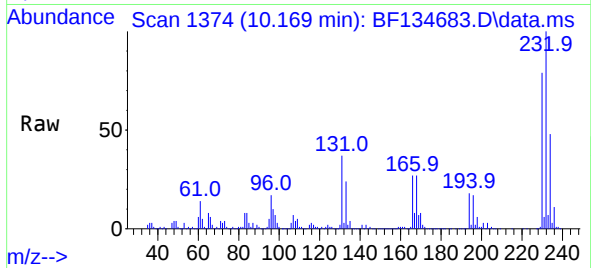
Tgt Ion:166 Resp: 1032250
Ion Ratio Lower Upper
166 100
165 98.1 74.5 111.7
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.254 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.012 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

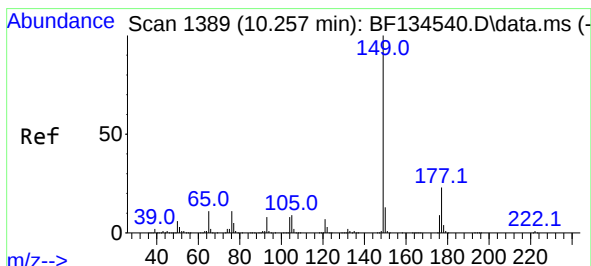
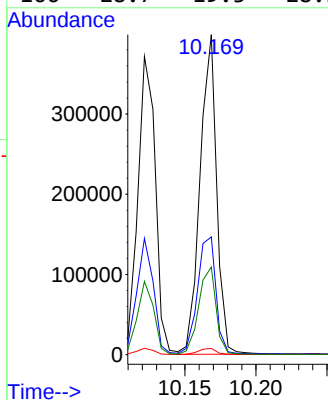
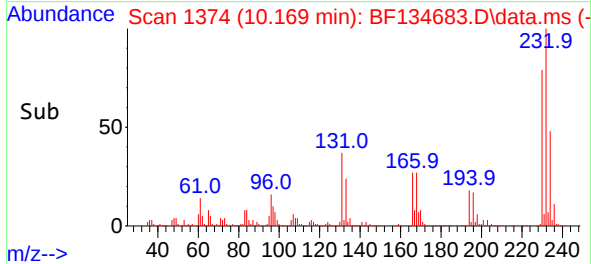
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



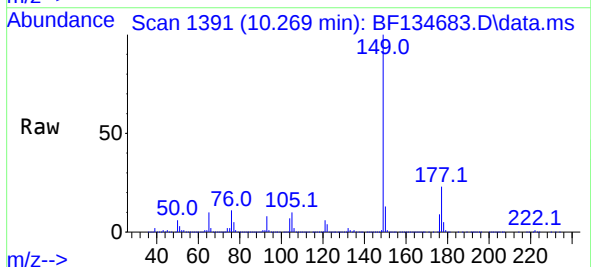
Tgt Ion:232 Resp: 325091
Ion Ratio Lower Upper
232 100
131 41.0 33.4 50.0
130 2.1 1.8 2.6
166 28.7 19.3 28.9

Manual Integrations
APPROVED

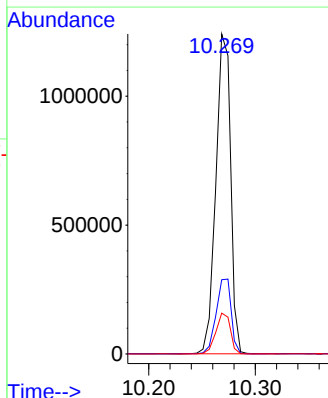
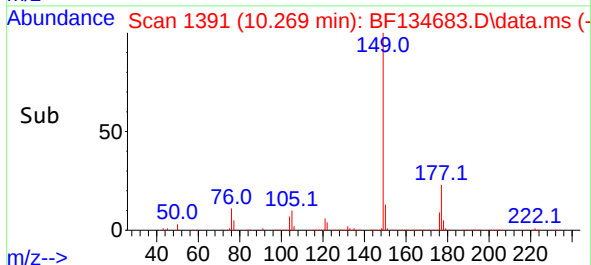
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

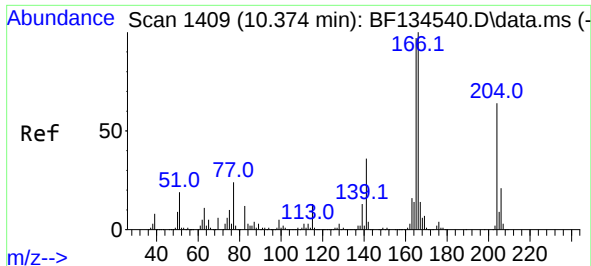


#60
Diethylphthalate
Concen: 45.200 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



Tgt Ion:149 Resp: 1192676
Ion Ratio Lower Upper
149 100
177 23.2 17.0 25.4
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.577 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

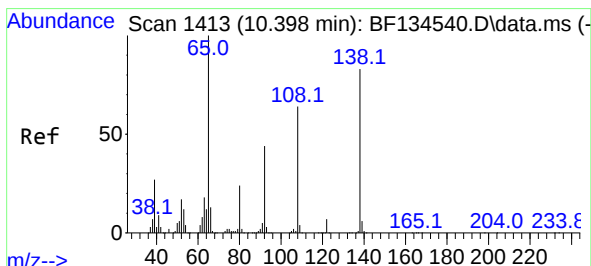
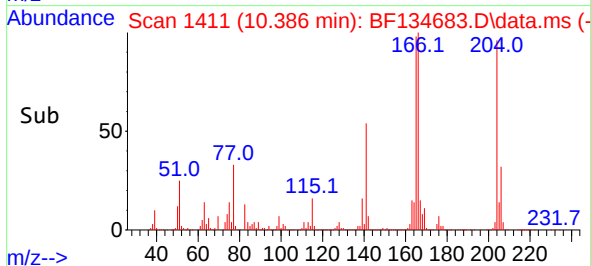
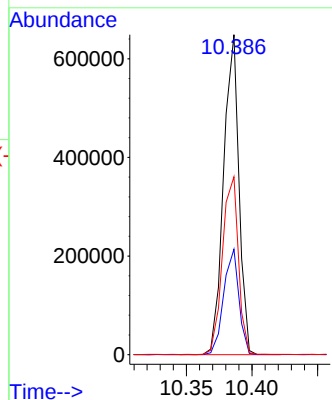
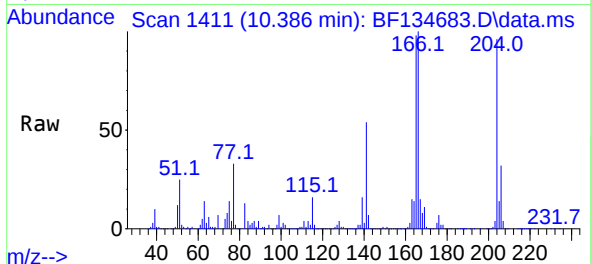
OS-1MSD

Tgt Ion:204 Resp: 52607
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 55.6 52.2 78.4

Manual Integrations

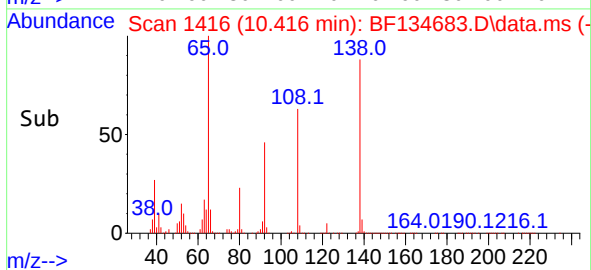
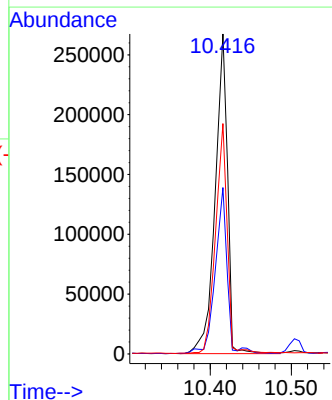
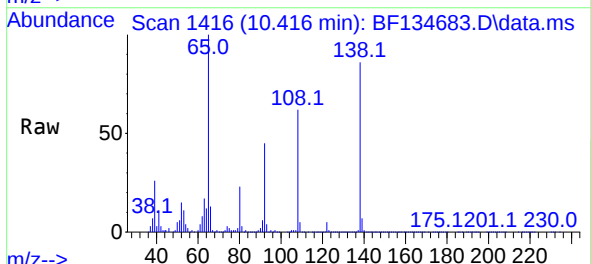
APPROVED

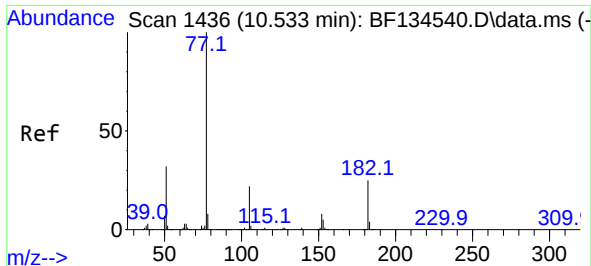
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#62
4-Nitroaniline
Concen: 46.292 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

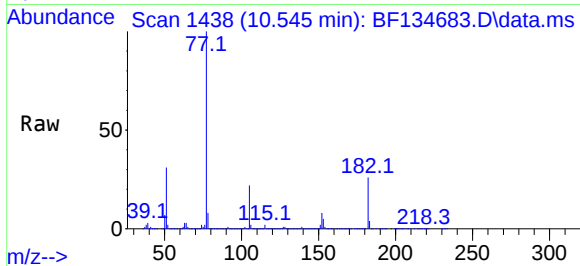
Tgt Ion:138 Resp: 281536
Ion Ratio Lower Upper
138 100
92 52.0 27.0 67.0
108 72.0 70.4 110.4





#63
Azobenzene
Concen: 40.470 ng
RT: 10.545 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

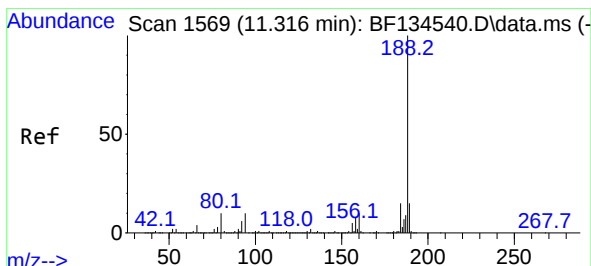
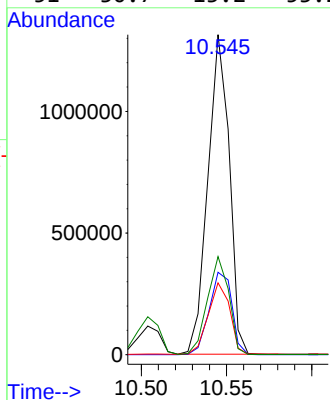
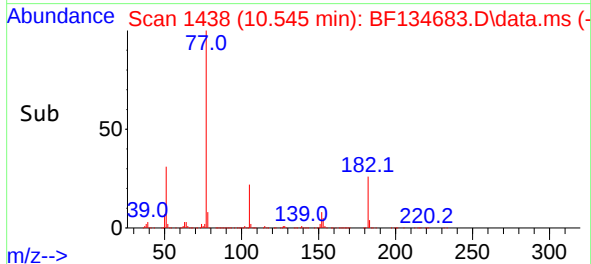
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



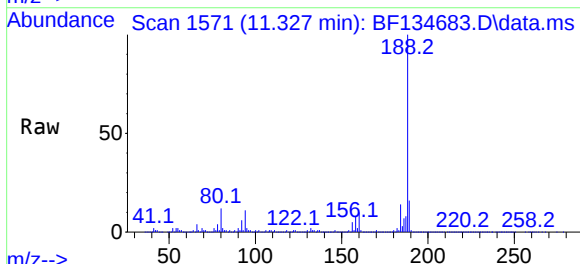
Tgt Ion: 77 Resp: 1147345
Ion Ratio Lower Upper
77 100
182 25.7 7.5 47.5
105 22.5 1.9 41.9
51 30.7 13.2 53.2

Manual Integrations
APPROVED

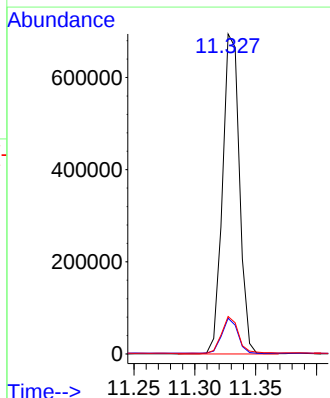
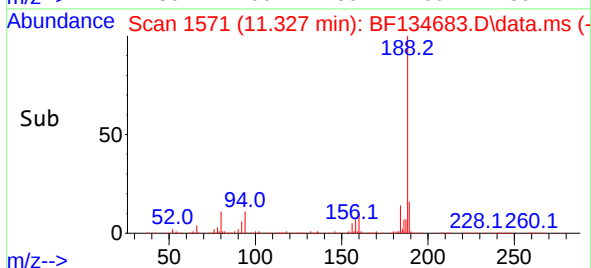
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

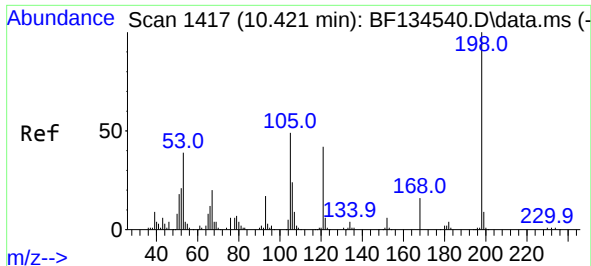


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



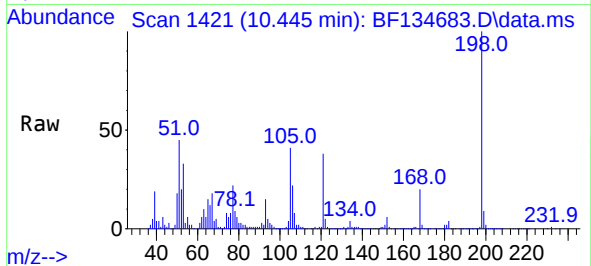
Tgt Ion:188 Resp: 672480
Ion Ratio Lower Upper
188 100
94 11.2 5.1 7.7#
80 11.7 6.6 9.8#





#65
4,6-Dinitro-2-methylphenol
Concen: 58.638 ng
RT: 10.445 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

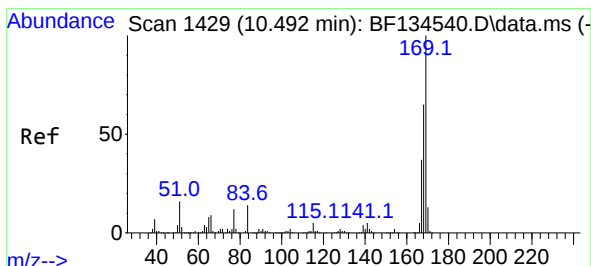
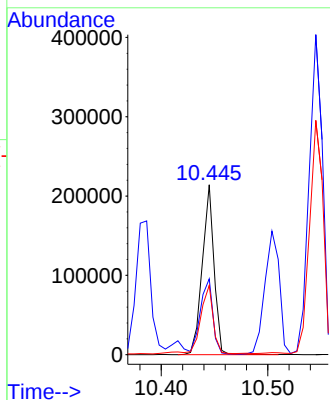
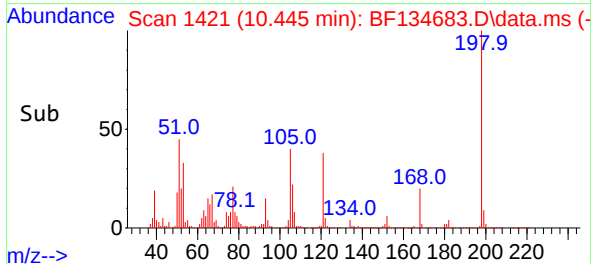
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



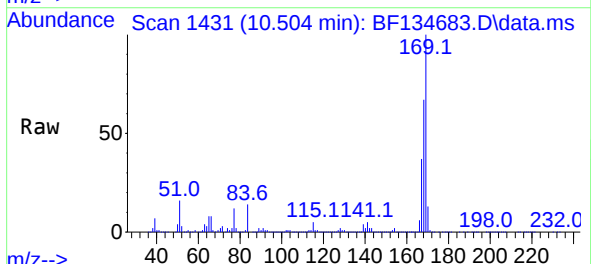
Tgt Ion:198 Resp: 165778
Ion Ratio Lower Upper
198 100
51 44.7 38.6 78.6
105 40.8 27.9 67.9

Manual Integrations
APPROVED

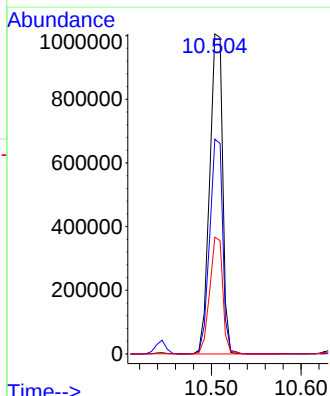
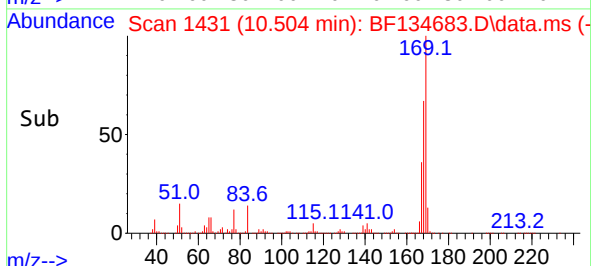
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

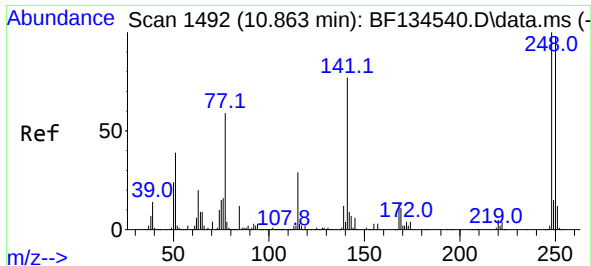


#66
n-Nitrosodiphenylamine
Concen: 47.073 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



Tgt Ion:169 Resp: 1007572
Ion Ratio Lower Upper
169 100
168 67.1 52.6 78.8
167 36.5 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 47.905 ng
RT: 10.874 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

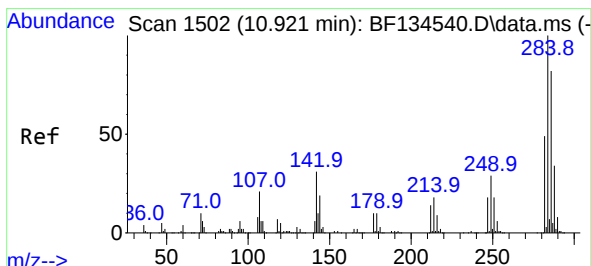
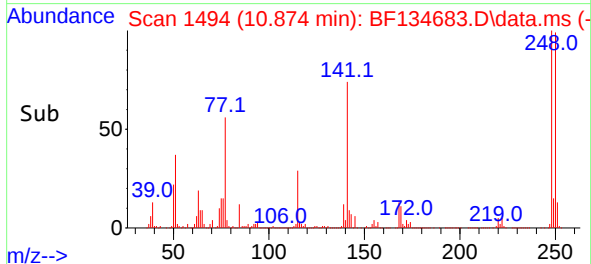
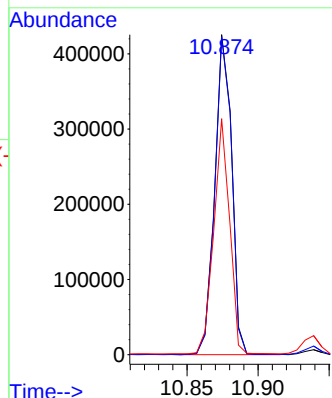
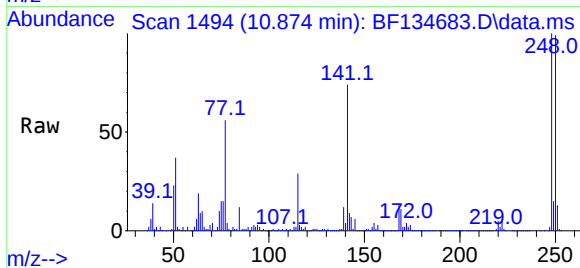
OS-1MSD

Tgt Ion:248 Resp: 352658
Ion Ratio Lower Upper
248 100
250 99.3 79.6 119.4
141 73.7 59.6 89.4

Manual Integrations

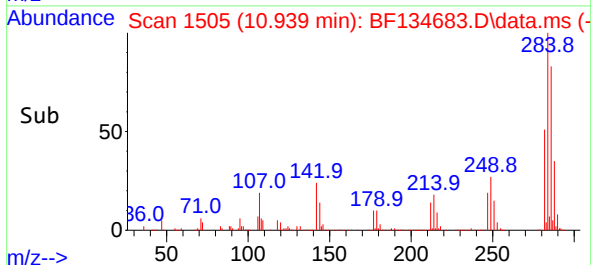
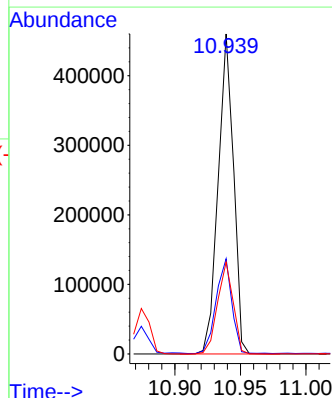
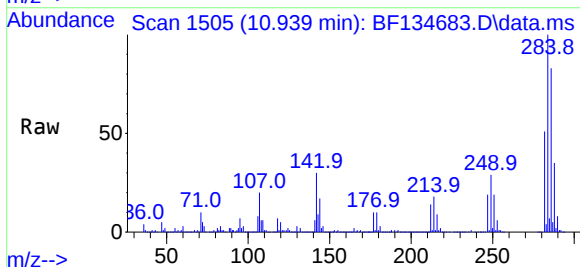
APPROVED

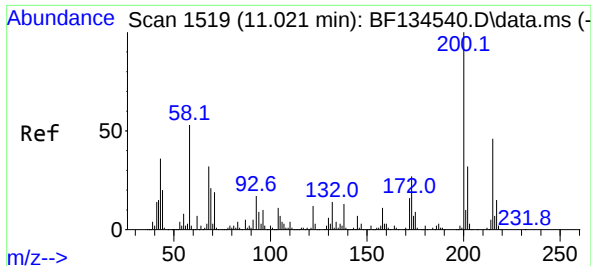
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#68
Hexachlorobenzene
Concen: 48.112 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

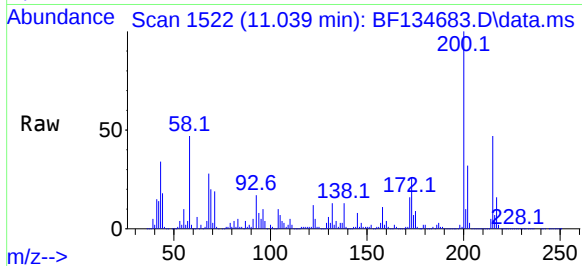
Tgt Ion:284 Resp: 374006
Ion Ratio Lower Upper
284 100
142 29.8 26.5 39.7
249 28.7 23.8 35.8





#69
Atrazine
Concen: 59.842 ng
RT: 11.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

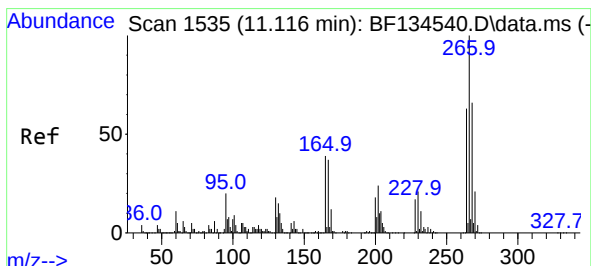
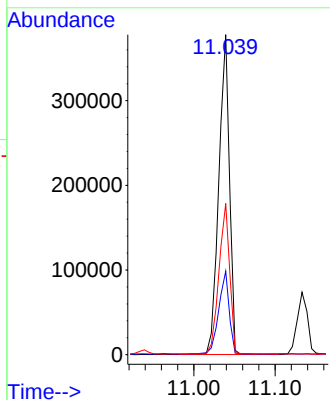
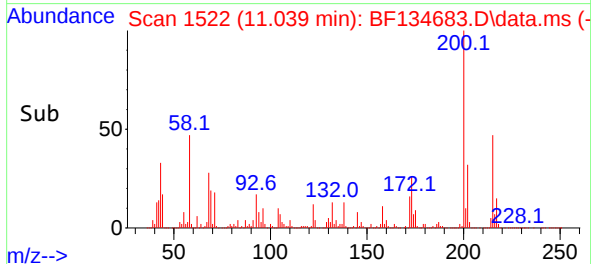
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



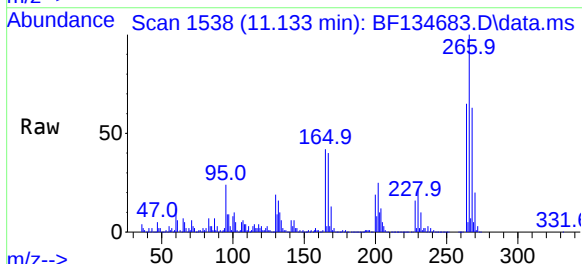
Tgt Ion:200 Resp: 345244
Ion Ratio Lower Upper
200 100
173 26.1 6.1 46.1
215 47.2 29.7 69.7

Manual Integrations
APPROVED

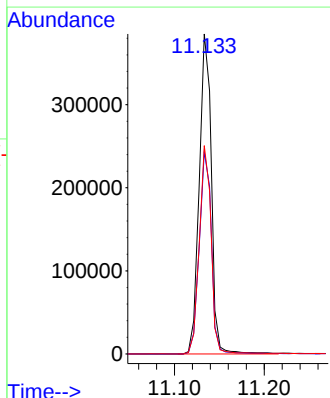
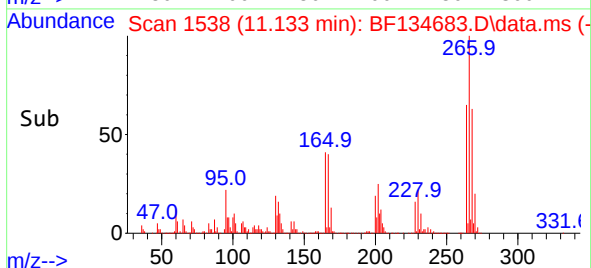
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

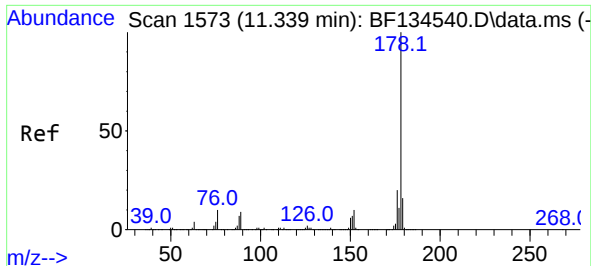


#70
Pentachlorophenol
Concen: 75.000 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



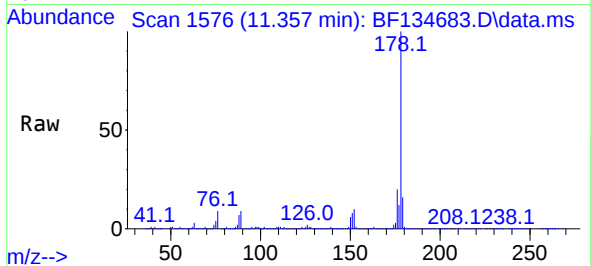
Tgt Ion:266 Resp: 360989
Ion Ratio Lower Upper
266 100
268 63.2 52.9 79.3
264 65.1 47.8 71.6





#71
Phenanthrene
Concen: 42.168 ng
RT: 11.357 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

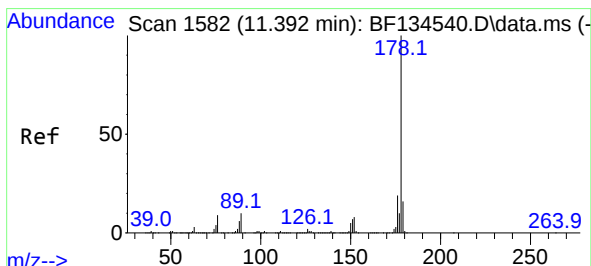
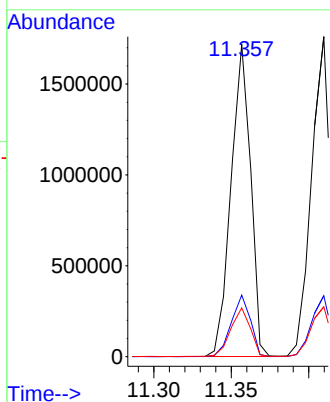
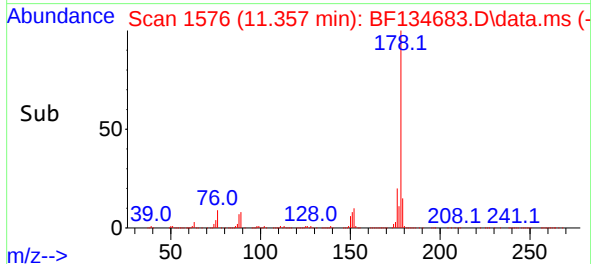
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



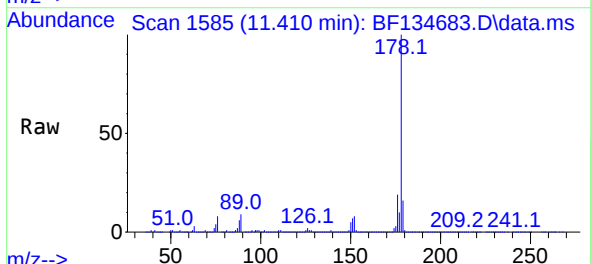
Tgt Ion:178 Resp: 1506204
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.6 12.7 19.1

Manual Integrations
APPROVED

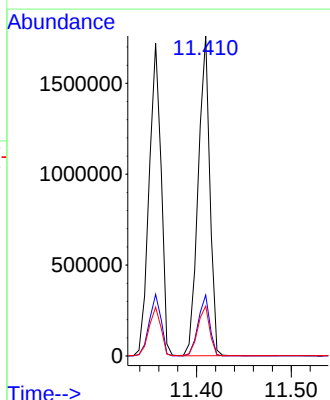
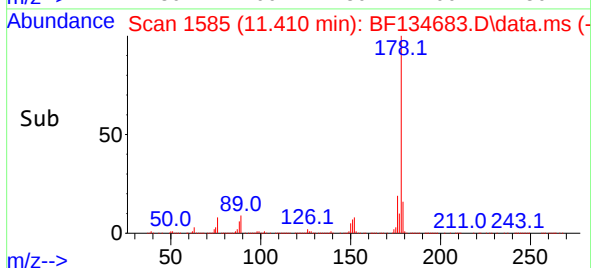
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

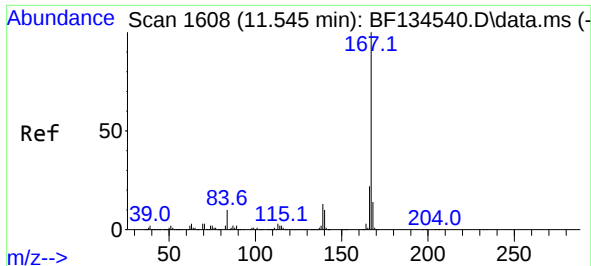


#72
Anthracene
Concen: 41.345 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



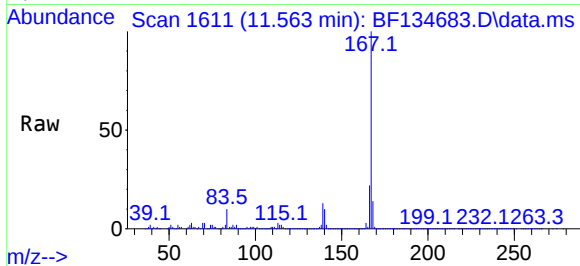
Tgt Ion:178 Resp: 1508485
Ion Ratio Lower Upper
178 100
176 19.0 14.6 21.8
179 15.6 12.3 18.5





#73
 Carbazole
 Concen: 41.426 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. 0.006 min
 Lab File: BF134683.D
 Acq: 09 Aug 2023 11:02

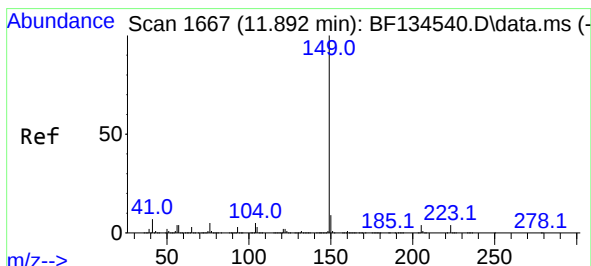
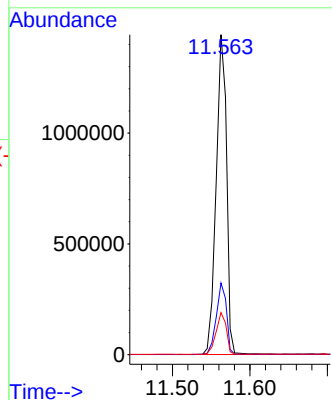
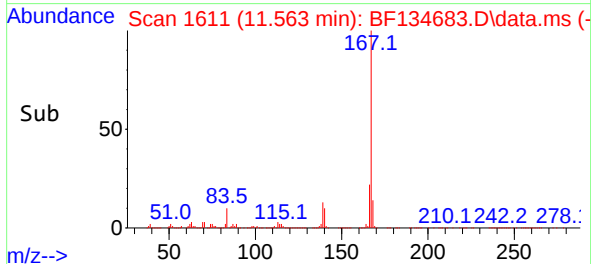
Instrument :
 BNA_F
 ClientSampleId :
 OS-1MSD



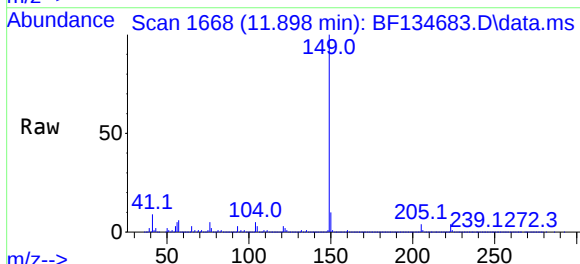
Tgt Ion:167 Resp: 134954
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.5 26.3
 139 13.2 11.0 16.4

Manual Integrations
 APPROVED

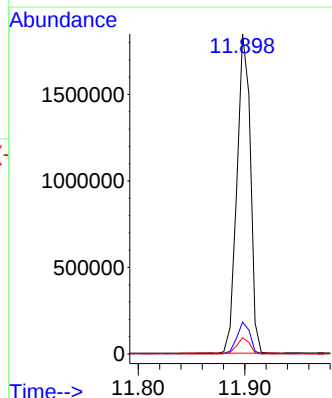
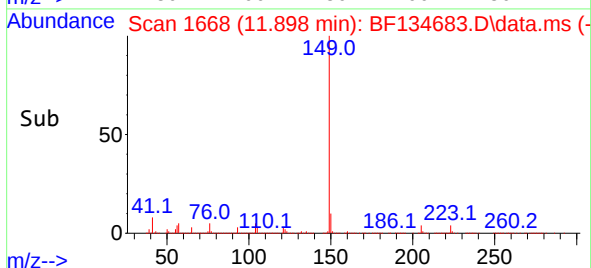
Reviewed By :Yogesh Patel 08/10/2023
 Supervised By :mohammad ahmed 08/10/2023

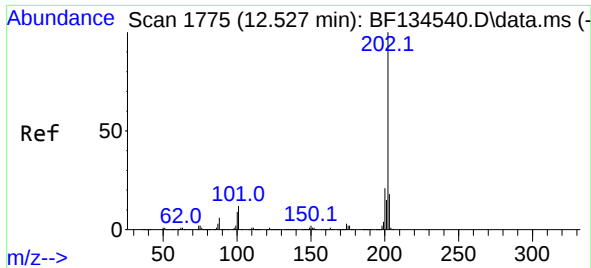


#74
 Di-n-butylphthalate
 Concen: 46.929 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. -0.000 min
 Lab File: BF134683.D
 Acq: 09 Aug 2023 11:02



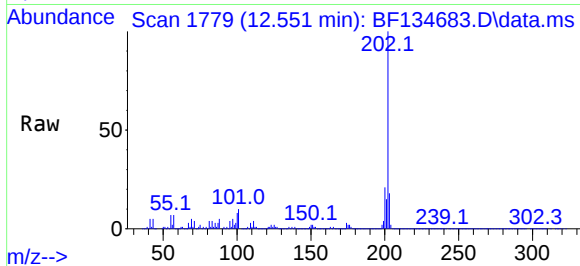
Tgt Ion:149 Resp: 1624194
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.2 10.8
 104 5.1 3.8 5.8





#75
Fluoranthene
Concen: 35.637 ng
RT: 12.551 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

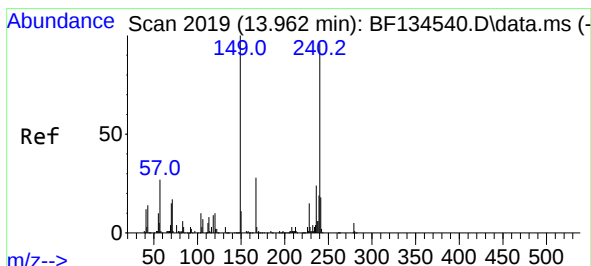
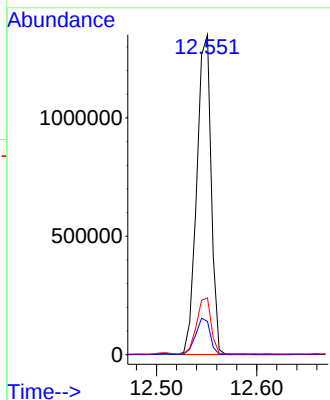
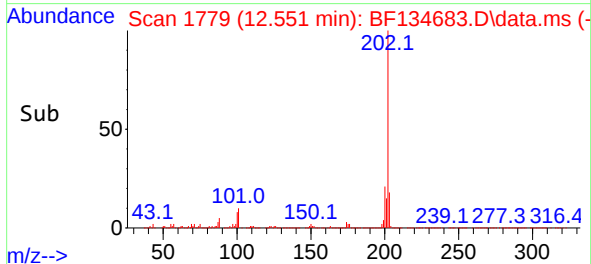
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion:202 Resp: 134461
Ion Ratio Lower Upper
202 100
101 10.4 0.0 28.5
203 17.8 0.0 37.5

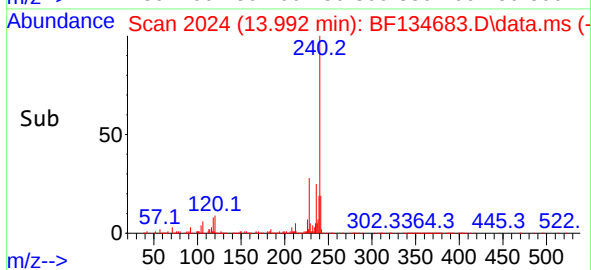
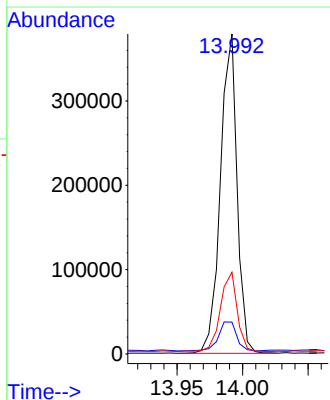
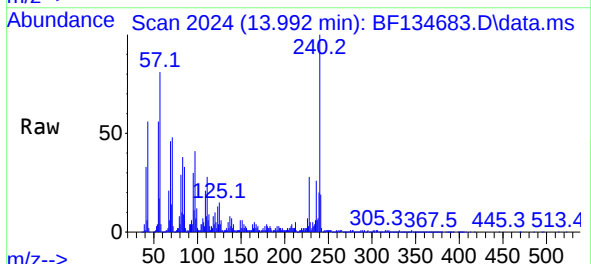
Manual Integrations
APPROVED

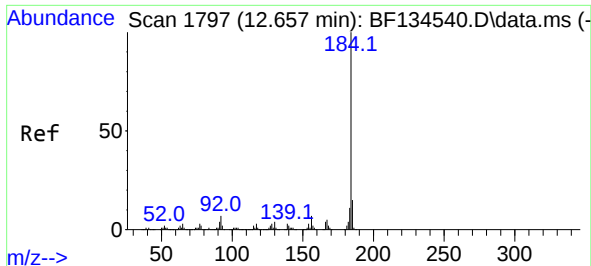
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.018 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

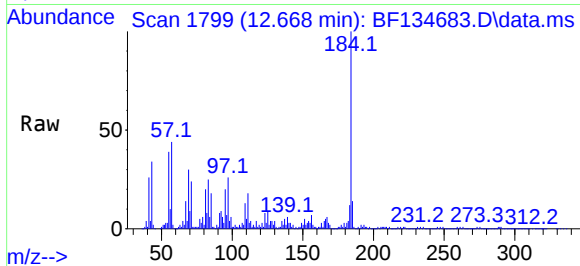
Tgt Ion:240 Resp: 332766
Ion Ratio Lower Upper
240 100
120 9.9 6.6 10.0
236 25.5 20.2 30.2





#77
Benzidine
Concen: 44.529 ng
RT: 12.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

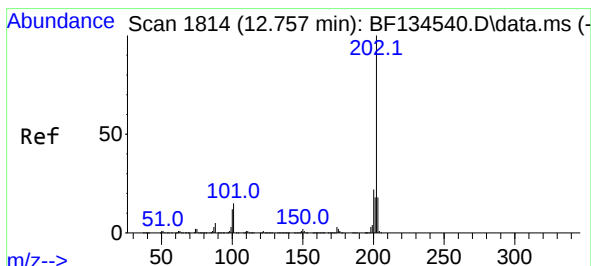
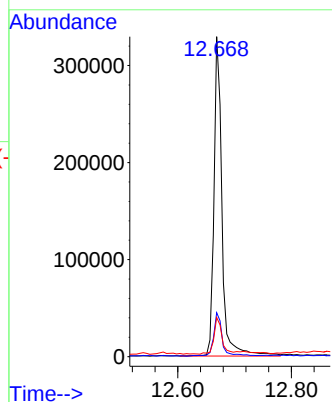
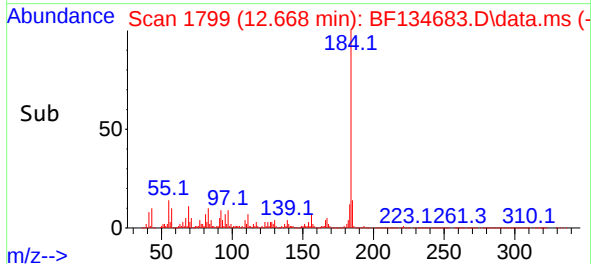
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion:184 Resp: 321664
Ion Ratio Lower Upper
184 100
185 13.7 11.2 16.8
183 12.3 8.6 13.0

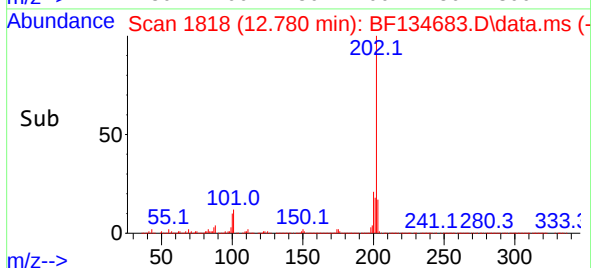
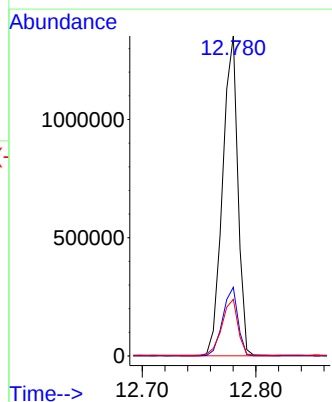
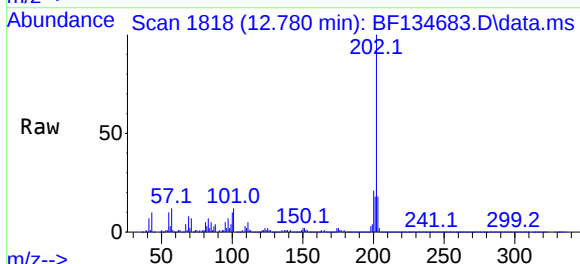
Manual Integrations
APPROVED

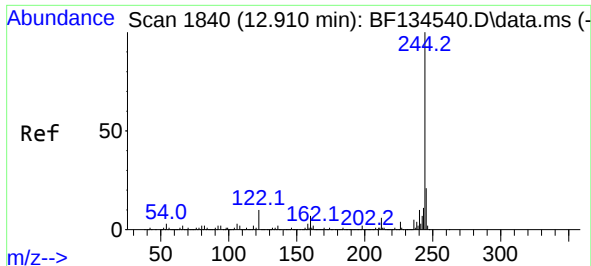
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#78
Pyrene
Concen: 43.997 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.012 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

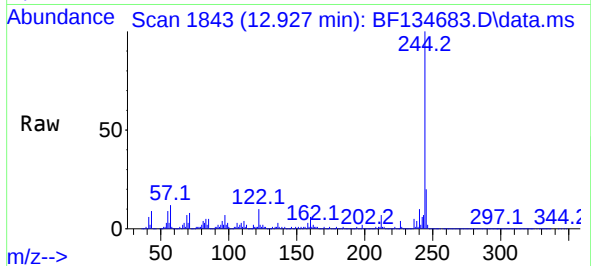
Tgt Ion:202 Resp: 1266881
Ion Ratio Lower Upper
202 100
200 21.4 15.8 23.8
203 17.7 13.5 20.3





#79
Terphenyl-d14
Concen: 76.309 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

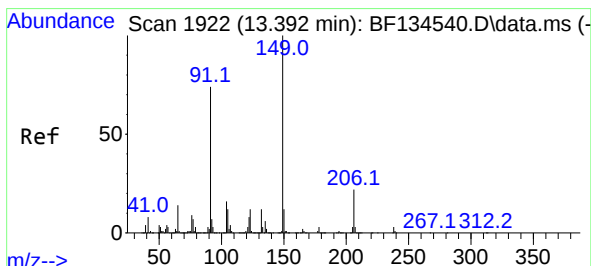
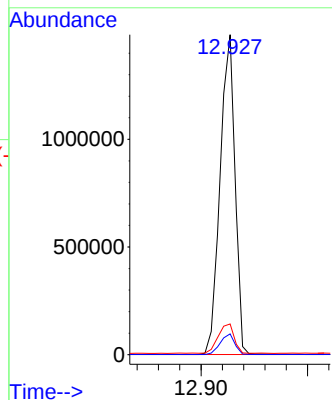
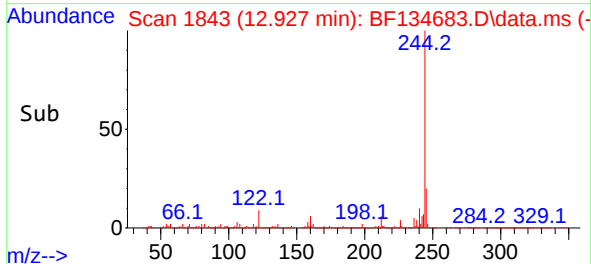
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion:244 Resp: 144044
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 9.6 8.0 12.0

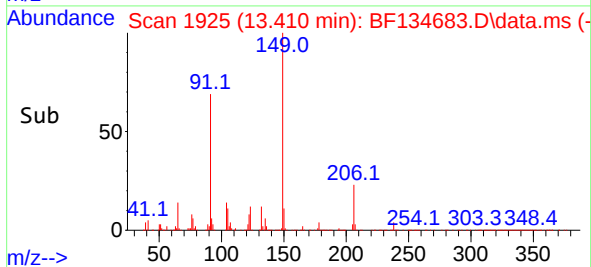
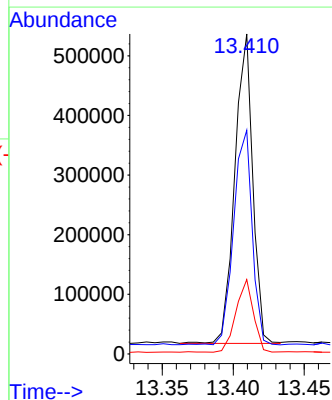
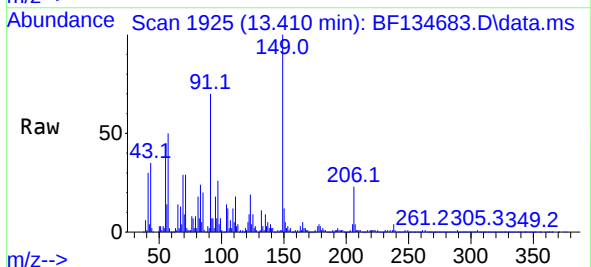
Manual Integrations
APPROVED

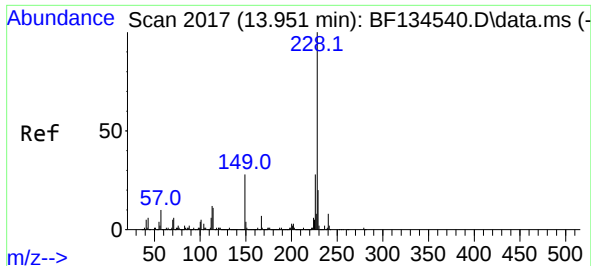
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#80
Butylbenzylphthalate
Concen: 46.854 ng
RT: 13.410 min Scan# 1925
Delta R.T. 0.012 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:149 Resp: 456203
Ion Ratio Lower Upper
149 100
91 69.9 55.8 83.6
206 23.3 14.6 21.8#





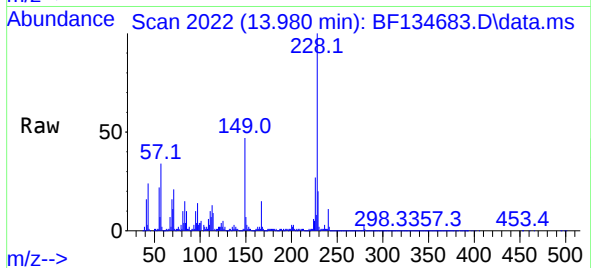
#81
Benzo(a)anthracene
Concen: 40.721 ng
RT: 13.980 min Scan# 2017
Delta R.T. 0.018 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Instrument :

BNF_F

ClientSampleId :

OS-1MSD

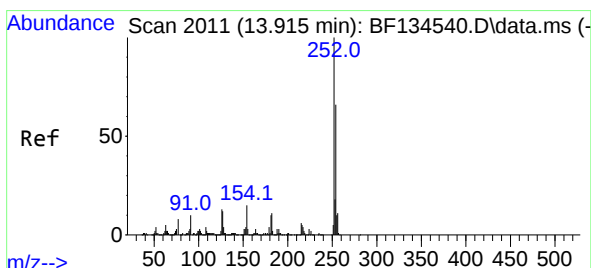
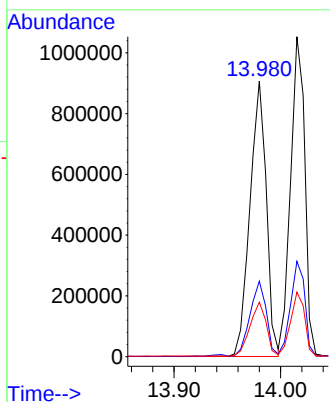
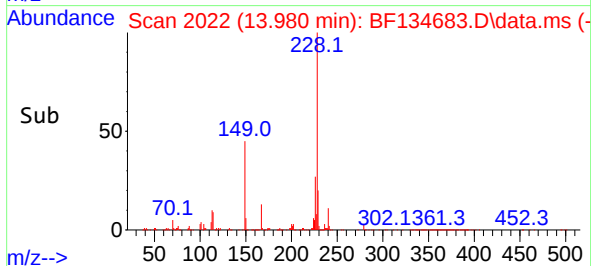


Tgt Ion:228 Resp: 96892
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 19.8 15.8 23.6

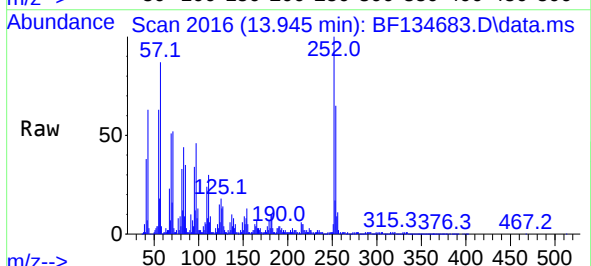
Manual Integrations

APPROVED

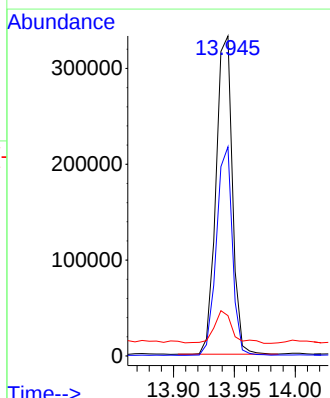
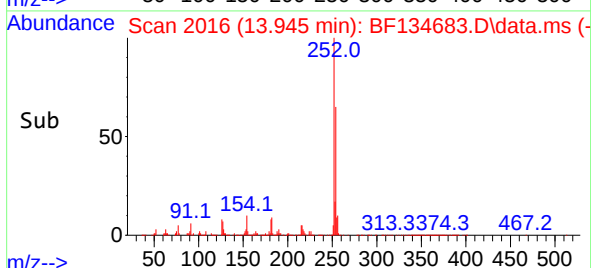
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023

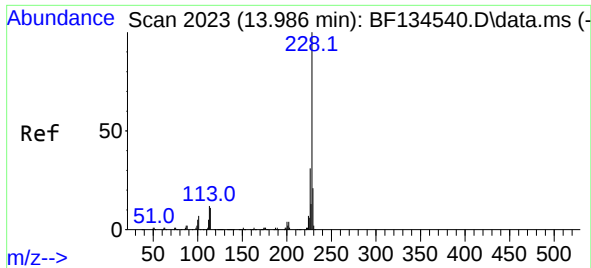


#82
3,3'-Dichlorobenzidine
Concen: 45.218 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.018 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02



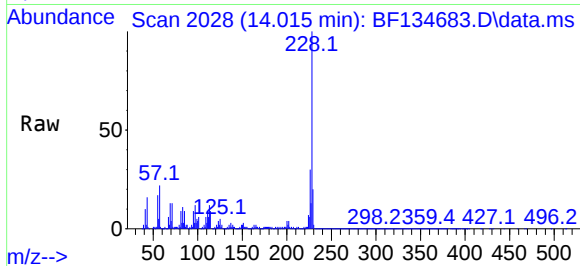
Tgt Ion:252 Resp: 311875
Ion Ratio Lower Upper
252 100
254 65.4 52.7 79.1
126 12.6 7.2 10.8





#83
Chrysene
Concen: 42.370 ng
RT: 14.015 min Scan# 2021
Delta R.T. 0.018 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

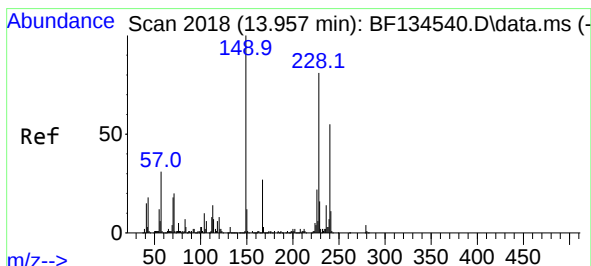
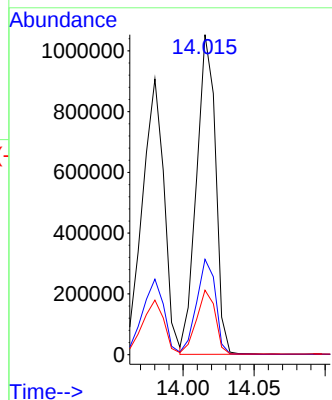
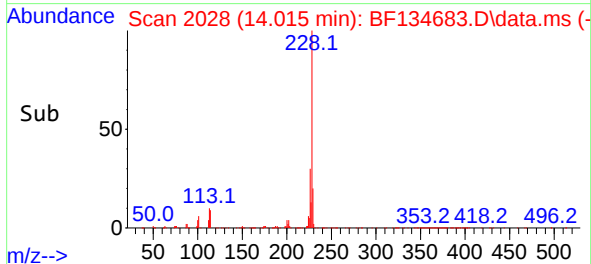
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion:228 Resp: 982228
Ion Ratio Lower Upper
228 100
226 29.8 24.5 36.7
229 20.1 15.8 23.8

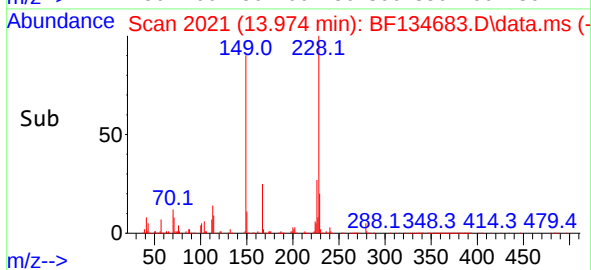
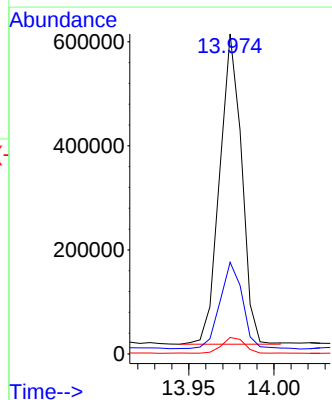
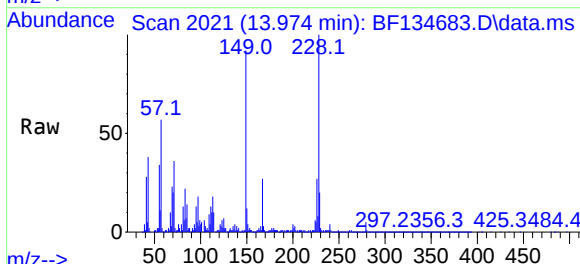
Manual Integrations
APPROVED

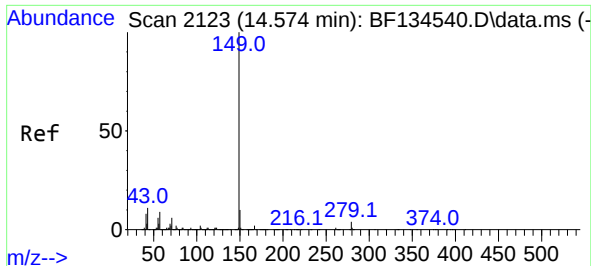
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.717 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.012 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

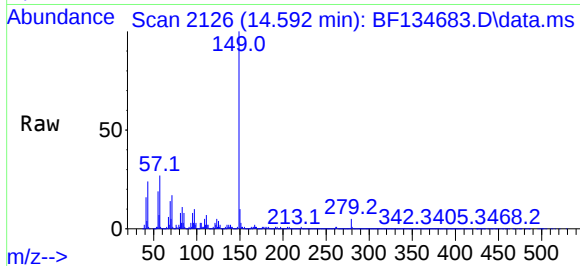
Tgt Ion:149 Resp: 535303
Ion Ratio Lower Upper
149 100
167 28.7 21.6 32.4
279 5.2 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 63.670 ng
RT: 14.592 min Scan# 2126
Delta R.T. 0.012 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

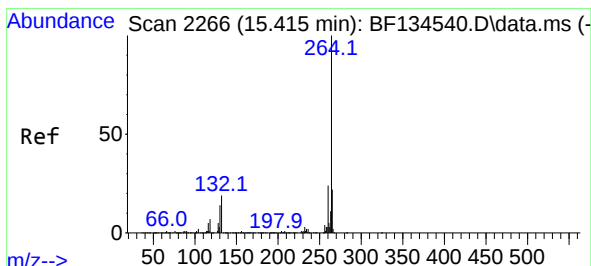
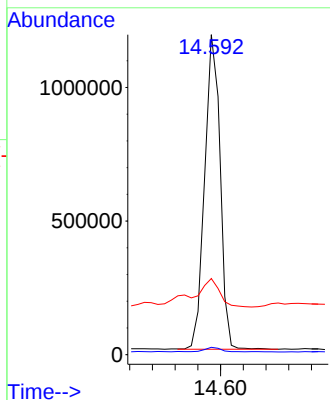
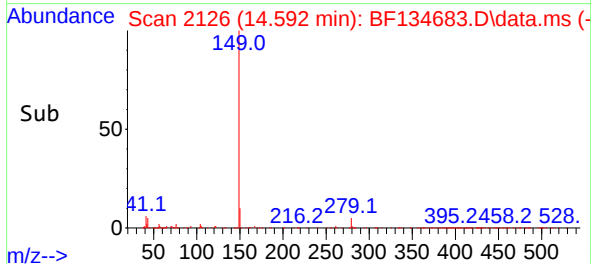
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion:149 Resp: 110943
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 15.7 8.1 12.1

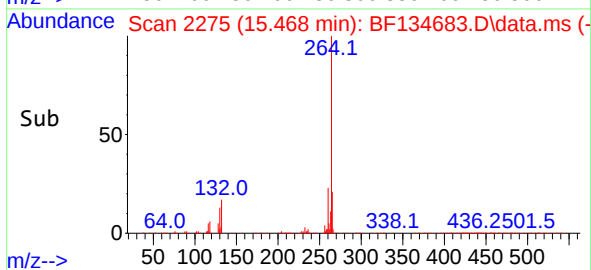
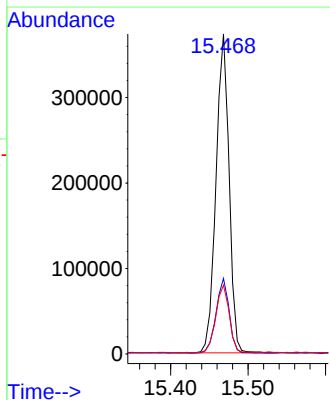
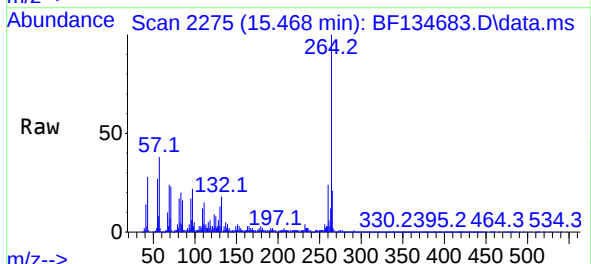
Manual Integrations
APPROVED

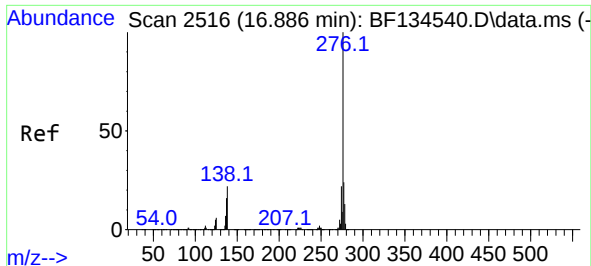
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.029 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:264 Resp: 436384
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.5 15.8 23.8





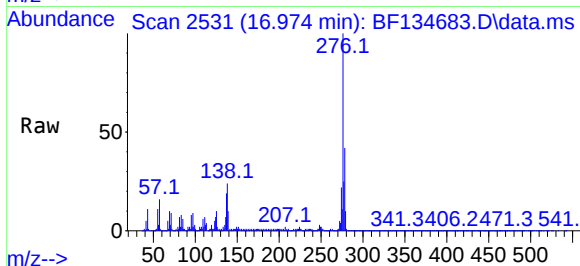
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.755 ng
RT: 16.974 min Scan# 211
Delta R.T. 0.047 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

ClientSampleId :

OS-1MSD

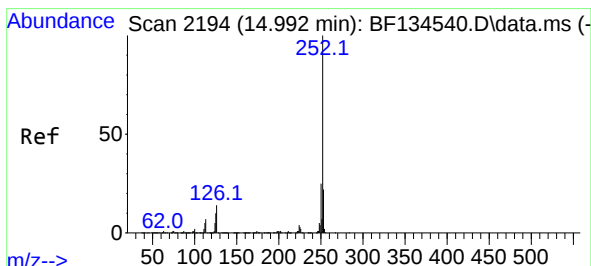
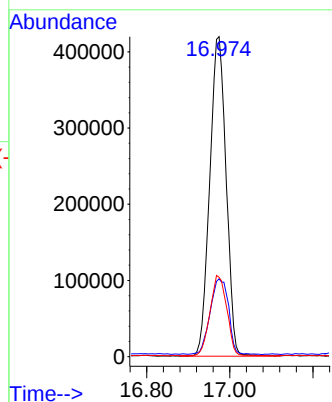
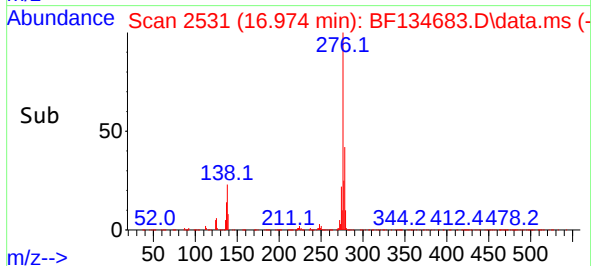


Tgt Ion:276 Resp: 114862
Ion Ratio Lower Upper
276 100
138 26.4 14.2 21.4
277 25.6 19.9 29.9

Manual Integrations

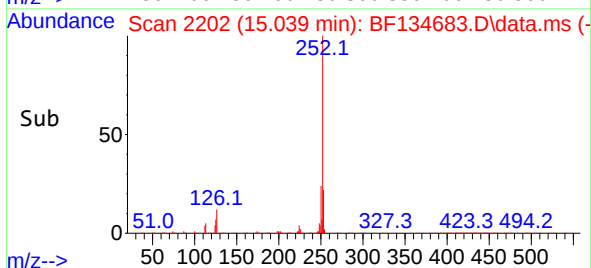
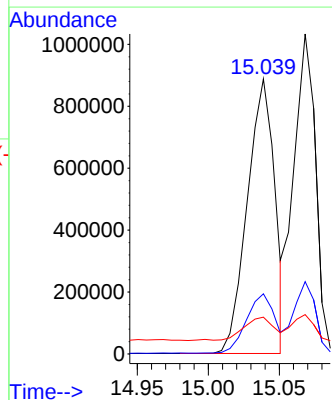
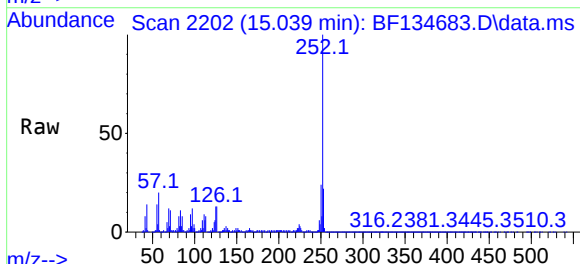
APPROVED

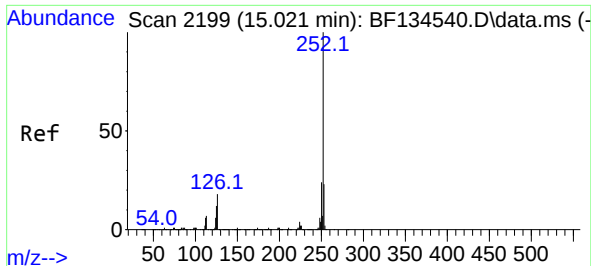
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#88
Benzo(b)fluoranthene
Concen: 44.766 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.029 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

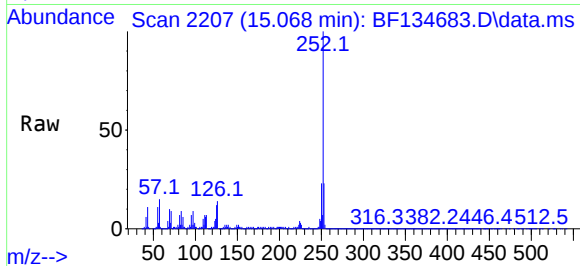
Tgt Ion:252 Resp: 1191435
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 13.4 6.0 9.0#





#89
Benzo(k)fluoranthene
Concen: 41.532 ng
RT: 15.068 min Scan# 2199
Delta R.T. 0.029 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

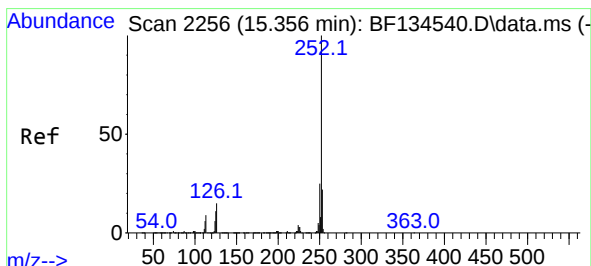
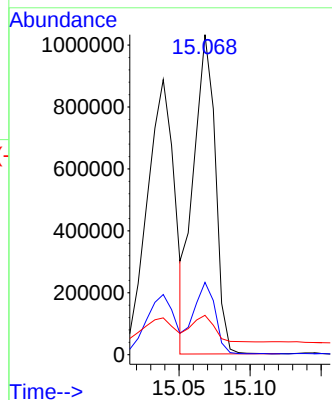
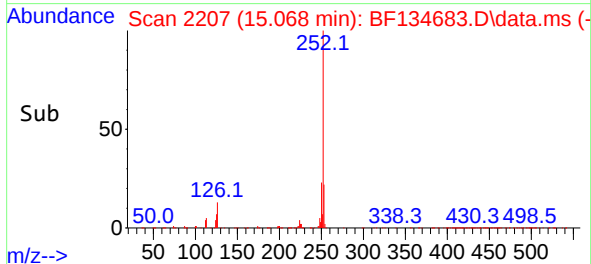
Instrument :
BNA_F
ClientSampleId :
OS-1MSD



Tgt Ion:252 Resp: 110112
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 12.3 6.3 9.5

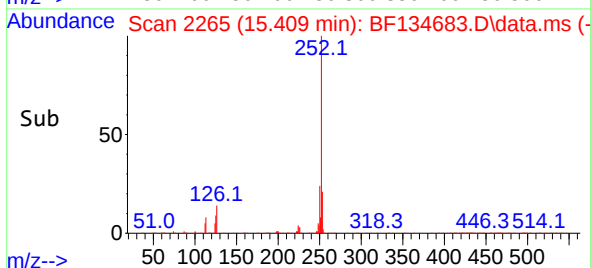
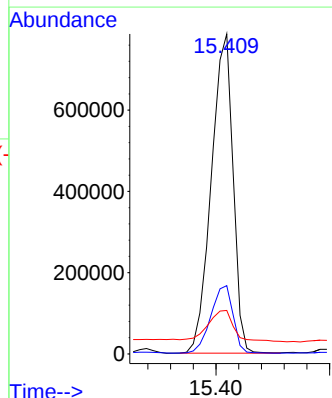
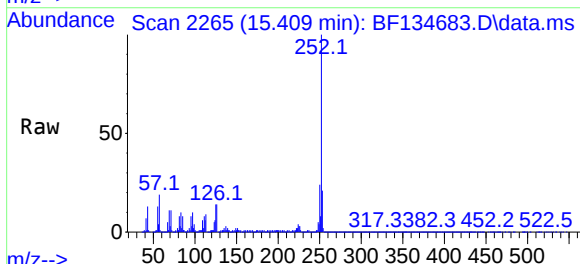
Manual Integrations
APPROVED

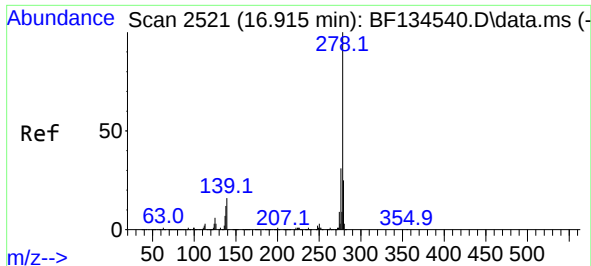
Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#90
Benzo(a)pyrene
Concen: 42.013 ng
RT: 15.409 min Scan# 2265
Delta R.T. 0.029 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:252 Resp: 1042557
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.4
125 13.6 6.2 9.4





#91
Dibenzo(a,h)anthracene
Concen: 45.788 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Instrument :

BNA_F

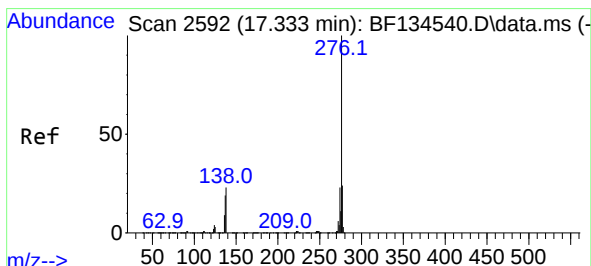
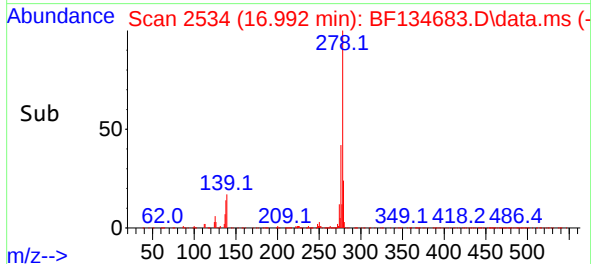
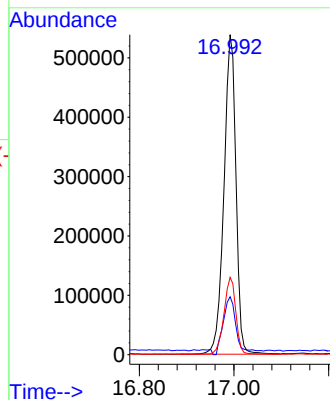
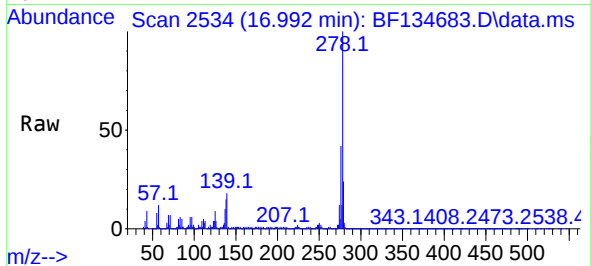
ClientSampleId :

OS-1MSD

Tgt Ion:278 Resp: 94969
Ion Ratio Lower Upper
278 100
139 18.1 10.0 15.0
279 24.1 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2023
Supervised By :mohammad ahmed 08/10/2023



#92
Benzo(g,h,i)perylene
Concen: 40.981 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.053 min
Lab File: BF134683.D
Acq: 09 Aug 2023 11:02

Tgt Ion:276 Resp: 867055
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 23.3 12.2 18.2#

