

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131432.D
 Acq On : 28 Nov 2022 16:37
 Operator : CG\JU
 Sample : N5766-05MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-5MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/02/2022
 Supervised By : mohammad ahmed 12/02/2022

Quant Time: Nov 29 00:56:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	81739	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	303780	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	170912	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	307220	20.000	ng	0.00
76) Chrysene-d12	14.163	240	200781	20.000	ng	0.00
86) Perylene-d12	15.698	264	178863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	545616	127.042	ng	0.01
7) Phenol-d6	6.575	99	687265	125.421	ng	0.00
23) Nitrobenzene-d5	7.522	82	456792	75.799	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	206698	143.750	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	865986	73.714	ng	0.00
79) Terphenyl-d14	13.098	244	918762	74.829	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.822	88	88028	42.993	ng	98
3) Pyridine	3.581	79	225939	39.740	ng	99
4) n-Nitrosodimethylamine	3.551	42	156891	46.794	ng	97
6) Aniline	6.616	93	282023m	39.271	ng	
8) 2-Chlorophenol	6.734	128	241748	49.685	ng	98
9) Benzaldehyde	6.504	77	126397	36.819	ng	98
10) Phenol	6.587	94	289563	47.661	ng	98
11) bis(2-Chloroethyl)ether	6.687	93	228873	44.963	ng	98
12) 1,3-Dichlorobenzene	6.892	146	262725	45.306	ng	99
13) 1,4-Dichlorobenzene	6.969	146	262230	44.503	ng	96
14) 1,2-Dichlorobenzene	7.122	146	252461	46.533	ng	98
15) Benzyl Alcohol	7.092	79	229146	51.001	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.228	45	422637	43.415	ng	99
17) 2-Methylphenol	7.198	107	195105	47.047	ng	99
18) Hexachloroethane	7.469	117	101086	47.957	ng	96
19) n-Nitroso-di-n-propyla...	7.369	70	179919	44.852	ng	96
20) 3+4-Methylphenols	7.351	107	241894	45.683	ng	92
22) Acetophenone	7.363	105	343194	44.383	ng	# 98
24) Nitrobenzene	7.539	77	275181	43.827	ng	98
25) Isophorone	7.781	82	487608	45.352	ng	98
26) 2-Nitrophenol	7.857	139	122893	58.386	ng	92
27) 2,4-Dimethylphenol	7.886	122	213404	51.200	ng	98
28) bis(2-Chloroethoxy)met...	7.986	93	280841	45.989	ng	99
29) 2,4-Dichlorophenol	8.092	162	207974	46.001	ng	98
30) 1,2,4-Trichlorobenzene	8.181	180	241886	43.188	ng	99
31) Naphthalene	8.263	128	680594	42.042	ng	100
32) Benzoic acid	8.004	122	134751	50.698	ng	91
33) 4-Chloroaniline	8.310	127	134886	21.121	ng	98
34) Hexachlorobutadiene	8.375	225	157956	43.554	ng	99
35) Caprolactam	8.686	113	60419m	50.856	ng	
36) 4-Chloro-3-methylphenol	8.792	107	223787	47.644	ng	95
37) 2-Methylnaphthalene	8.957	142	462531	42.169	ng	98
38) 1-Methylnaphthalene	9.057	142	429162	40.349	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	243455	43.895	ng	99
41) Hexachlorocyclopentadiene	9.110	237	315824	126.668	ng	98
43) 2,4,6-Trichlorophenol	9.233	196	156814	49.840	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

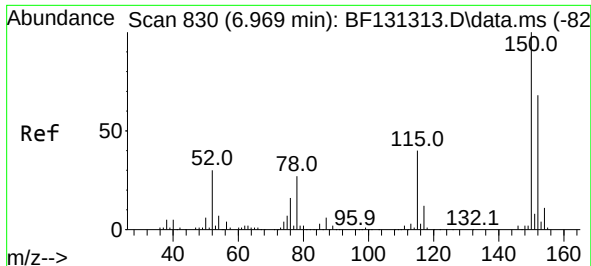
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	165513	46.781	ng	97
46) 1,1'-Biphenyl	9.428	154	568374	43.578	ng	99
47) 2-Chloronaphthalene	9.451	162	448894	42.904	ng	99
48) 2-Nitroaniline	9.545	65	158195	49.798	ng	95
49) Acenaphthylene	9.869	152	684094	42.892	ng	99
50) Dimethylphthalate	9.728	163	519690	43.642	ng	99
51) 2,6-Dinitrotoluene	9.792	165	114009	47.874	ng	# 84
52) Acenaphthene	10.045	154	484451	48.507	ng	99
53) 3-Nitroaniline	9.963	138	71060	29.039	ng	99
54) 2,4-Dinitrophenol	10.069	184	123095	101.183	ng	# 88
55) Dibenzofuran	10.216	168	601415	41.857	ng	99
56) 4-Nitrophenol	10.116	139	174450	102.719	ng	91
57) 2,4-Dinitrotoluene	10.198	165	153408	51.198	ng	91
58) Fluorene	10.563	166	472684	42.153	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.328	232	141224	47.930	ng	100
60) Diethylphthalate	10.433	149	498952	44.375	ng	99
61) 4-Chlorophenyl-phenyle...	10.551	204	247979	43.138	ng	97
62) 4-Nitroaniline	10.580	138	112570	46.223	ng	97
63) Azobenzene	10.710	77	509296	42.126	ng	99
65) 4,6-Dinitro-2-methylph...	10.604	198	80357	57.418	ng	83
66) n-Nitrosodiphenylamine	10.675	169	411052	41.989	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	160480	42.620	ng	98
68) Hexachlorobenzene	11.110	284	172567	43.181	ng	# 91
69) Atrazine	11.198	200	150665	49.987	ng	99
70) Pentachlorophenol	11.304	266	191725	82.408	ng	98
71) Phenanthrene	11.533	178	697459	42.008	ng	99
72) Anthracene	11.580	178	709591	43.488	ng	99
73) Carbazole	11.739	167	600983	43.178	ng	99
74) Di-n-butylphthalate	12.063	149	752479	45.880	ng	100
75) Fluoranthene	12.727	202	731542	41.813	ng	98
77) Benzidine	12.851	184	351486	94.774	ng	95
78) Pyrene	12.957	202	738568	41.692	ng	99
80) Butylbenzylphthalate	13.574	149	282821	47.502	ng	99
81) Benzo(a)anthracene	14.151	228	580302	42.165	ng	99
82) 3,3'-Dichlorobenzidine	14.116	252	121251	33.201	ng	# 98
83) Chrysene	14.192	228	565148	41.855	ng	99
84) Bis(2-ethylhexyl)phtha...	14.133	149	377725	47.777	ng	99
85) Di-n-octyl phthalate	14.763	149	591696	51.485	ng	98
87) Indeno(1,2,3-cd)pyrene	17.274	276	599820	49.930	ng	98
88) Benzo(b)fluoranthene	15.239	252	533413	44.892	ng	99
89) Benzo(k)fluoranthene	15.274	252	506078	41.445	ng	99
90) Benzo(a)pyrene	15.633	252	459009	47.079	ng	99
91) Dibenzo(a,h)anthracene	17.298	278	503409	50.756	ng	98
92) Benzo(g,h,i)perylene	17.756	276	507554	51.273	ng	97

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

Manual Integrations

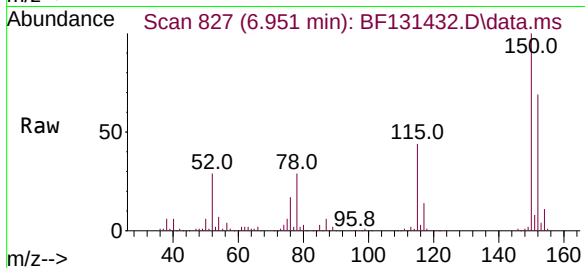
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

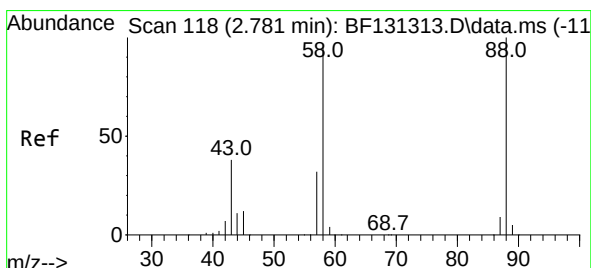
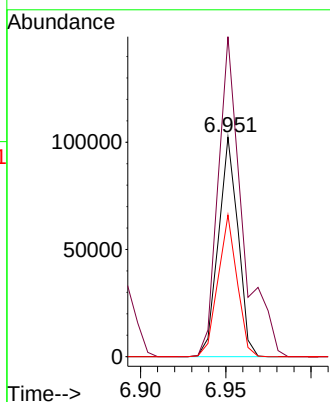
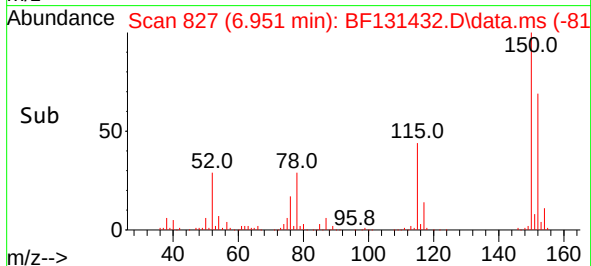
Instrument :
BNA_F
ClientSampleId :
CR-5MS



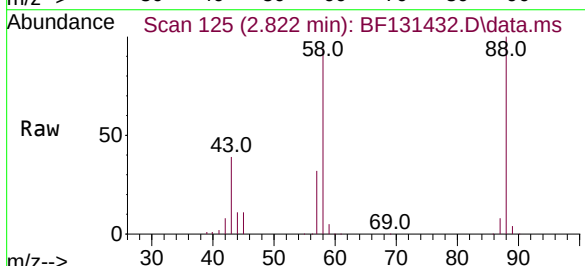
Tgt Ion:152 Resp: 81739
Ion Ratio Lower Upper
152 100
150 145.8 117.8 176.8
115 64.5 47.1 70.7

Manual Integrations
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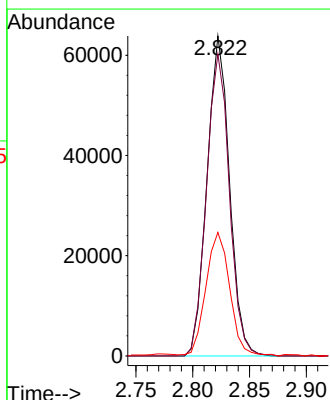
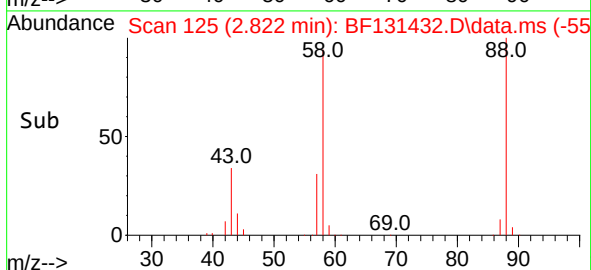
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

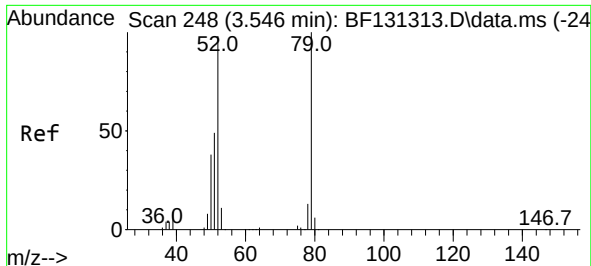


#2
1,4-Dioxane
Concen: 42.993 ng
RT: 2.822 min Scan# 125
Delta R.T. 0.065 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37



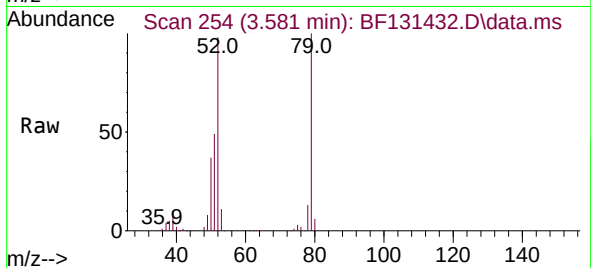
Tgt Ion: 88 Resp: 88028
Ion Ratio Lower Upper
88 100
58 96.1 78.2 117.4
43 40.9 31.6 47.4





#3
Pyridine
Concen: 39.740 ng
RT: 3.581 min Scan# 248
Delta R.T. 0.047 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

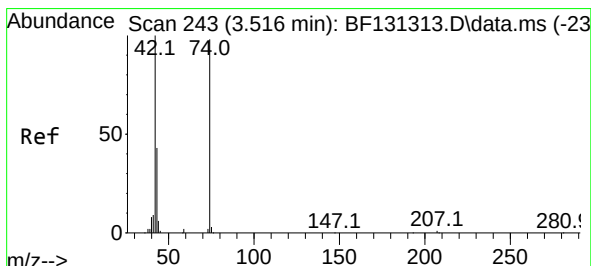
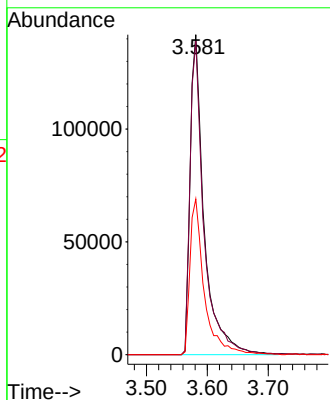
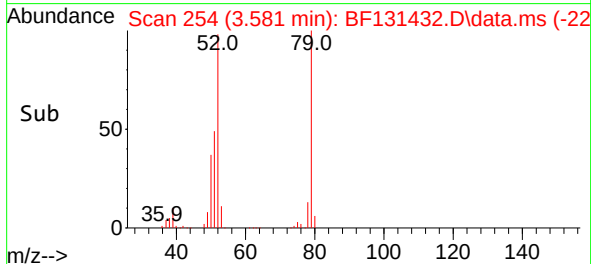
Instrument :
BNA_F
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CR-5MS



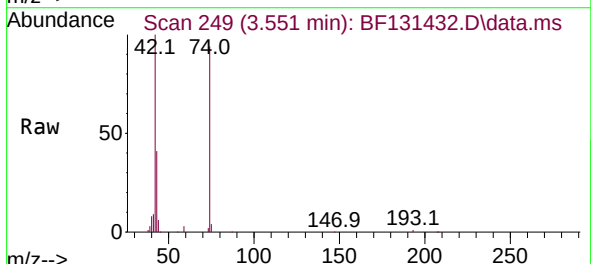
Tgt Ion: 79 Resp: 225939
Ion Ratio Lower Upper
79 100
52 98.0 78.7 118.1
51 48.6 39.3 58.9

Manual Integrations
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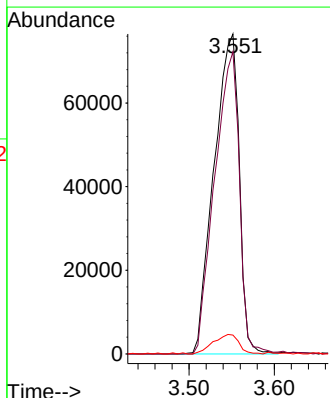
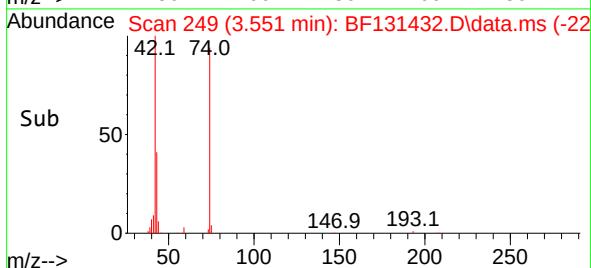
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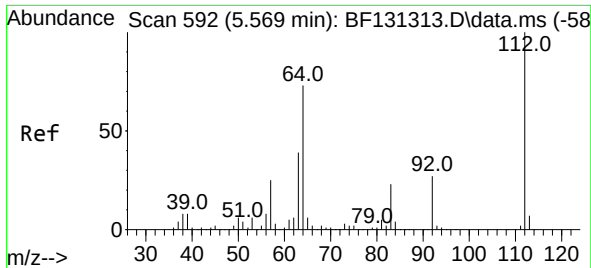


#4
n-Nitrosodimethylamine
Concen: 46.794 ng
RT: 3.551 min Scan# 249
Delta R.T. 0.053 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37



Tgt Ion: 42 Resp: 156891
Ion Ratio Lower Upper
42 100
74 94.4 78.0 117.0
44 5.9 5.2 7.8





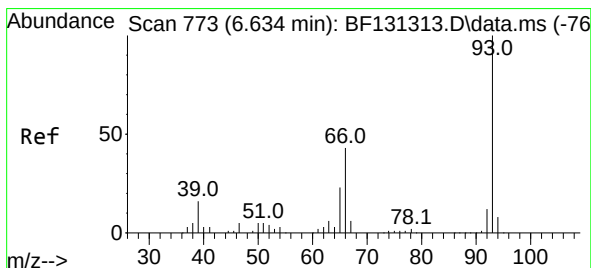
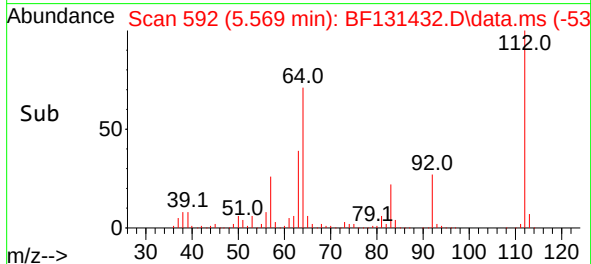
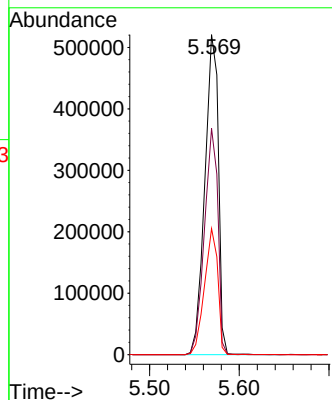
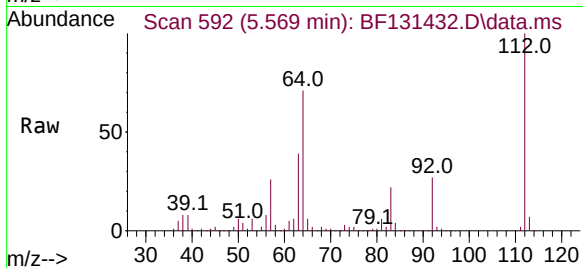
#5
2-Fluorophenol
Concen: 127.042 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Instrument :
BNA_F
ClientSampleId :
CR-5MS

Tgt Ion:112 Resp: 545616
Ion Ratio Lower Upper
112 100
64 70.7 58.6 88.0
63 39.4 31.4 47.0

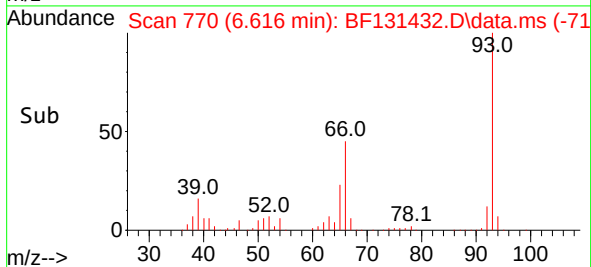
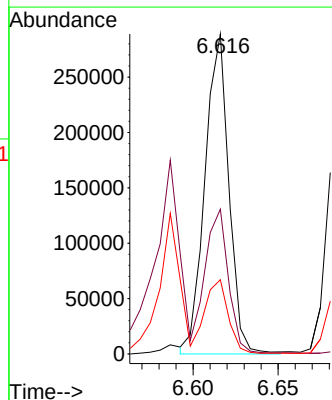
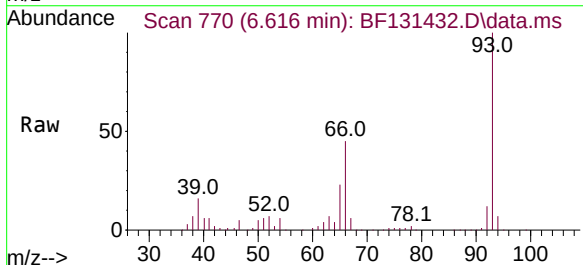
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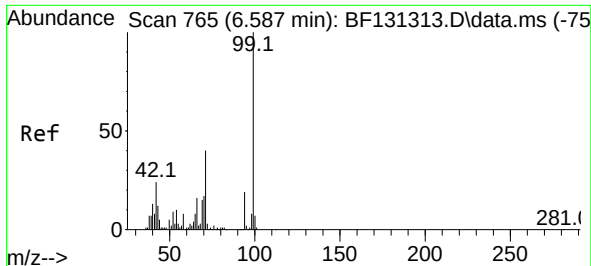
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#6
Aniline
Concen: 39.271 ng m
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

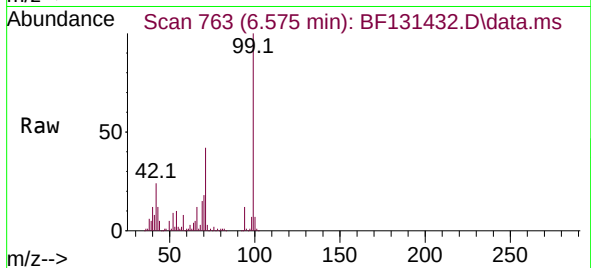
Tgt Ion: 93 Resp: 282023
Ion Ratio Lower Upper
93 100
66 45.2 35.6 53.4
65 23.2 18.4 27.6





#7
Phenol-d6
Concen: 125.421 ng
RT: 6.575 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

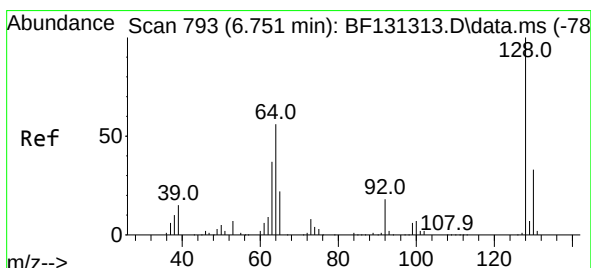
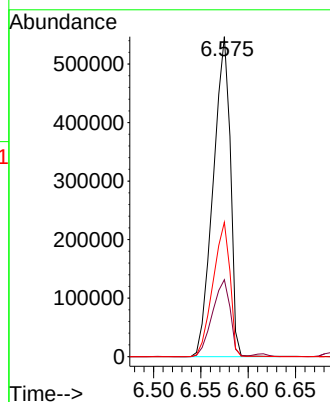
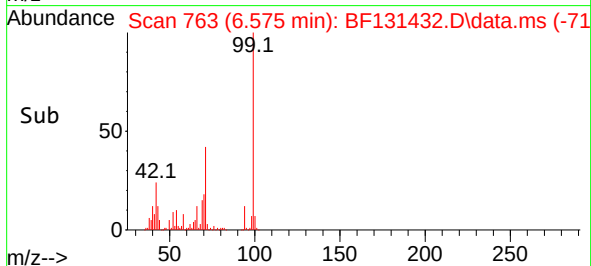
Instrument :
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Tgt Ion: 99 Resp: 687265
Ion Ratio Lower Upper
99 100
42 24.0 19.4 29.2
71 42.0 32.3 48.5

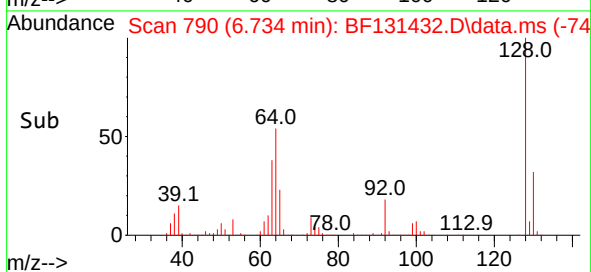
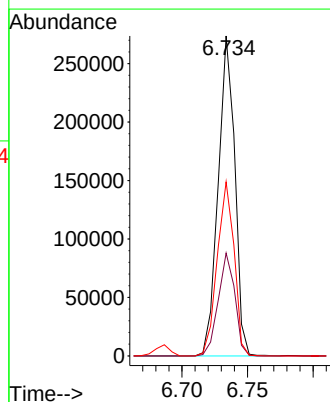
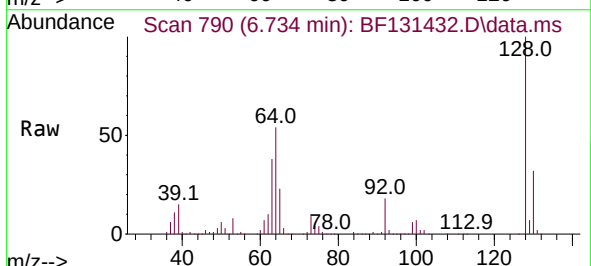
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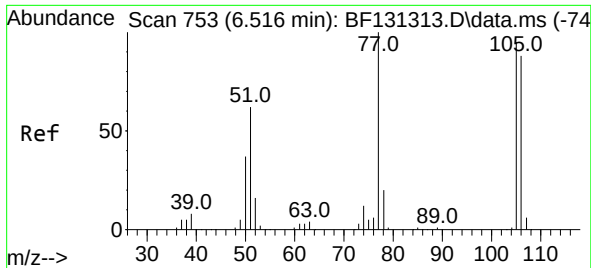
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#8
2-Chlorophenol
Concen: 49.685 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

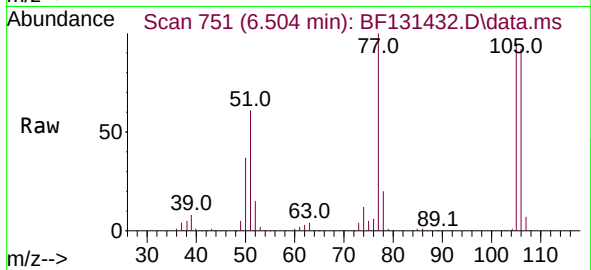
Tgt Ion:128 Resp: 241748
Ion Ratio Lower Upper
128 100
130 32.1 12.5 52.5
64 54.4 36.9 76.9





#9
Benzaldehyde
Concen: 36.819 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

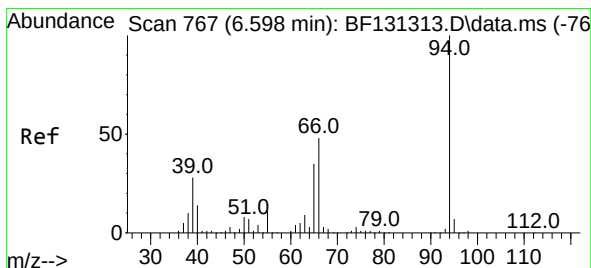
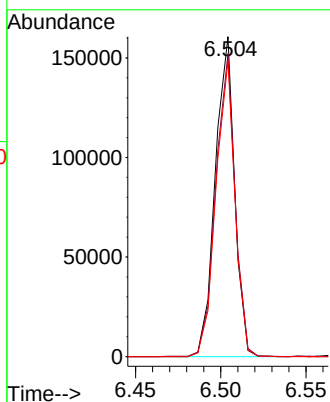
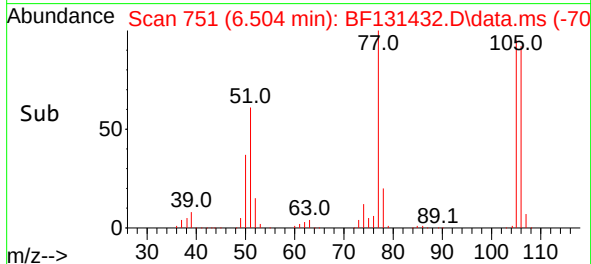
Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 126397
Ion Ratio Lower Upper
77 100
105 94.7 74.5 114.5
106 92.5 68.1 108.1

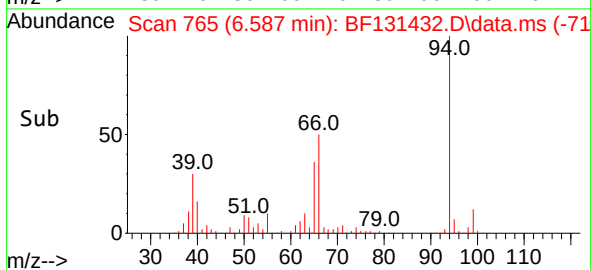
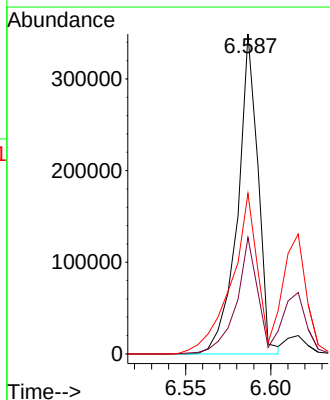
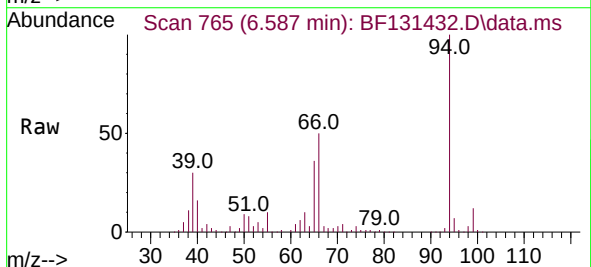
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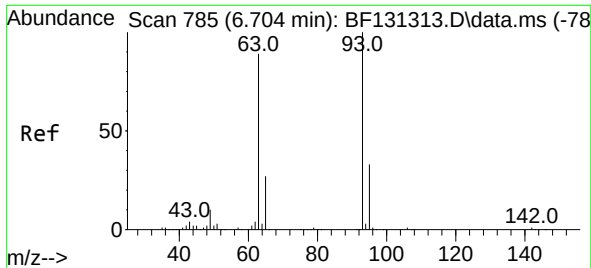
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#10
Phenol
Concen: 47.661 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion: 94 Resp: 289563
Ion Ratio Lower Upper
94 100
65 36.4 15.0 55.0
66 50.1 28.6 68.6





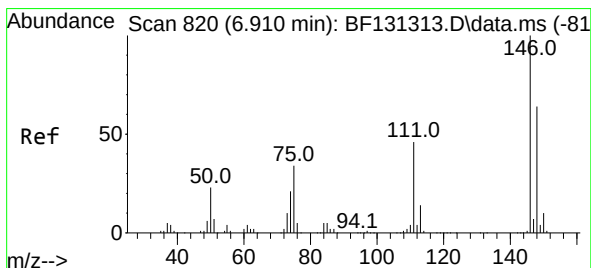
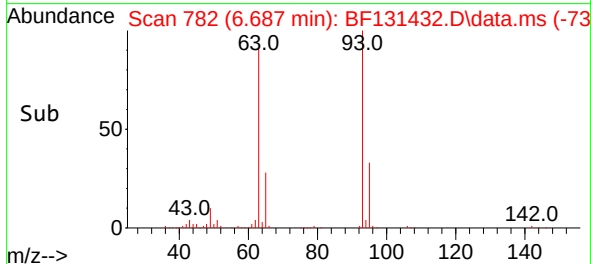
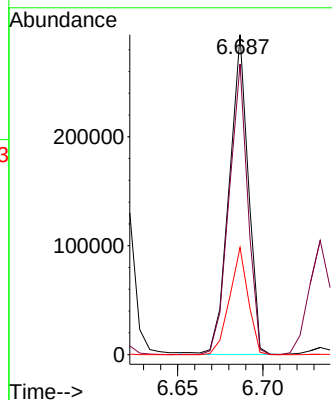
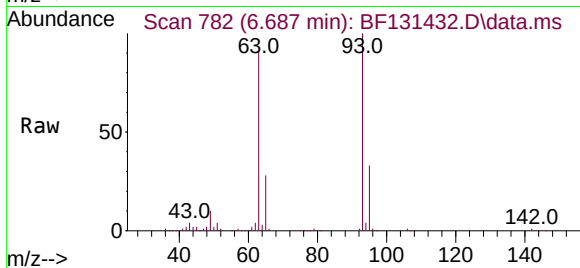
#11
bis(2-Chloroethyl)ether
Concen: 44.963 ng
RT: 6.687 min Scan# 785
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Instrument :
BNA_F
ClientSampleId :
CR-5MS

Tgt Ion: 93 Resp: 228873
Ion Ratio Lower Upper
93 100
63 90.8 68.6 108.6
95 33.5 13.1 53.1

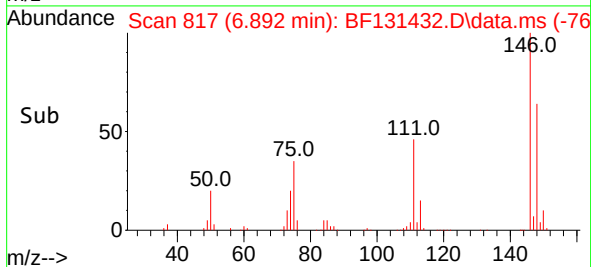
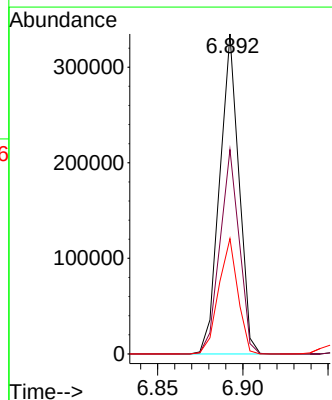
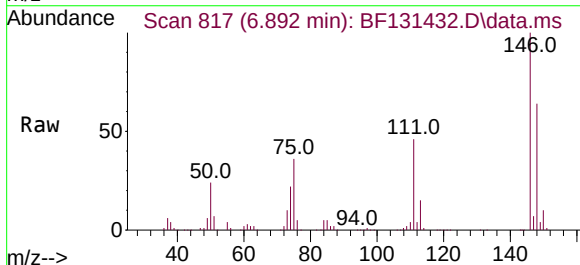
Manual Integrations
APPROVED

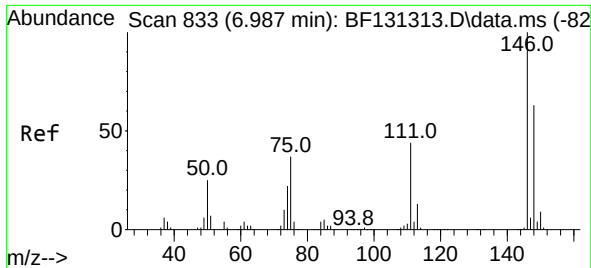
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#12
1,3-Dichlorobenzene
Concen: 45.306 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

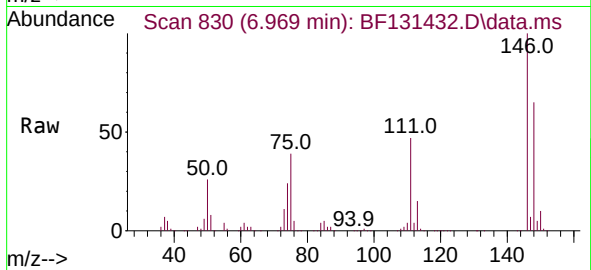
Tgt Ion:146 Resp: 262725
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
75 36.0 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 44.503 ng
RT: 6.969 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

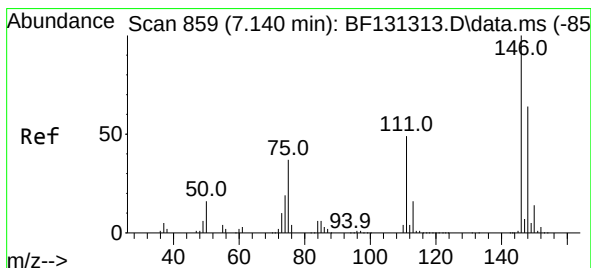
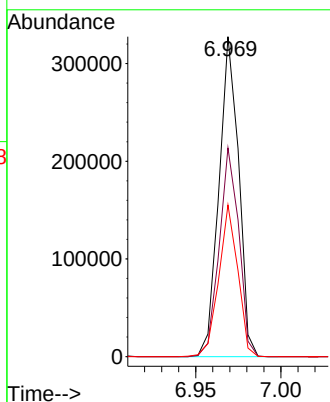
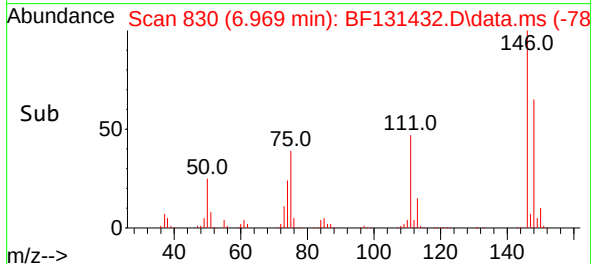
Instrument :
BNA_F
ClientSampleId :
CR-5MS



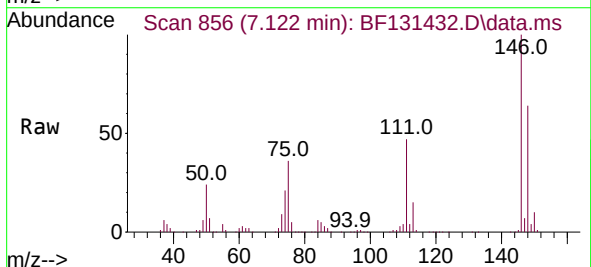
Tgt Ion:146 Resp: 262230
Ion Ratio Lower Upper
146 100
148 65.2 50.2 75.2
111 47.4 35.0 52.6

Manual Integrations
APPROVED

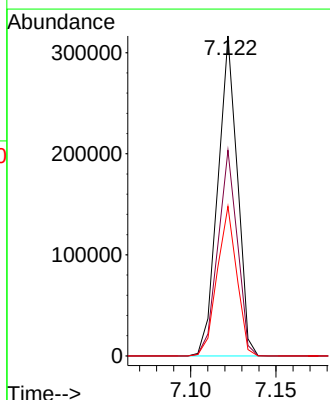
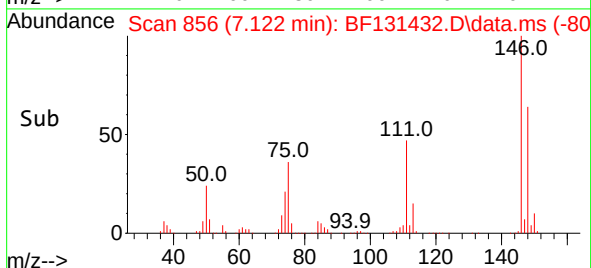
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

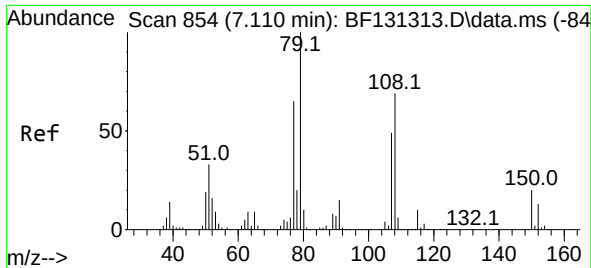


#14
1,2-Dichlorobenzene
Concen: 46.533 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37



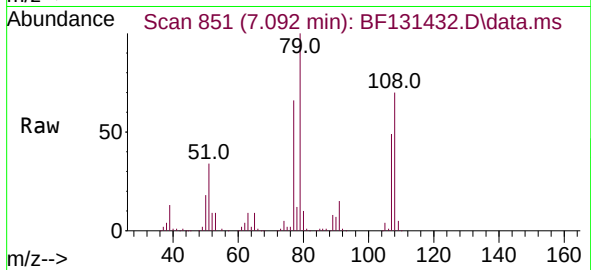
Tgt Ion:146 Resp: 252461
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
111 46.7 39.4 59.0





#15
Benzyl Alcohol
Concen: 51.001 ng
RT: 7.092 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

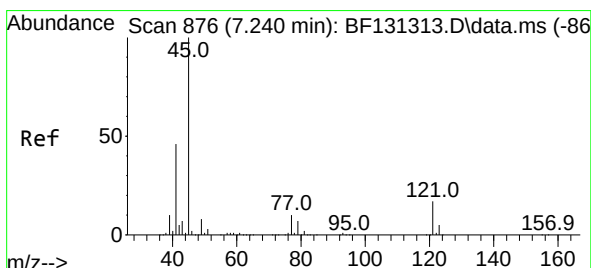
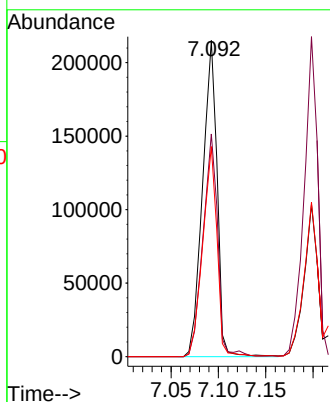
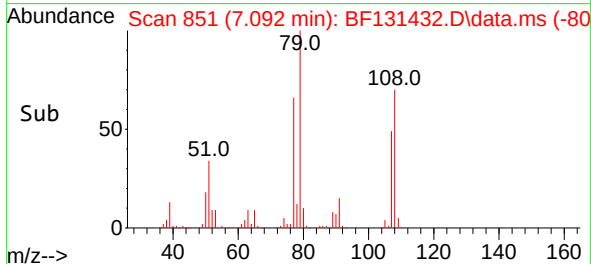
Instrument :
BNA_F
ClientSampleId :
CR-5MS



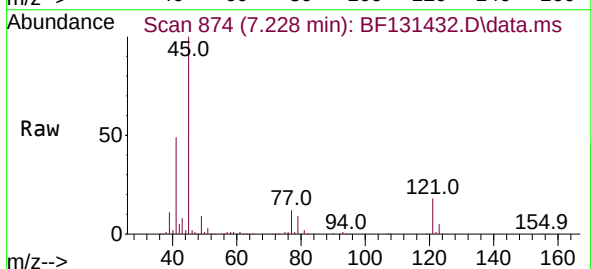
Tgt Ion: 79 Resp: 229146
Ion Ratio Lower Upper
79 100
108 70.4 55.1 82.7
77 66.4 51.8 77.8

Manual Integrations
APPROVED

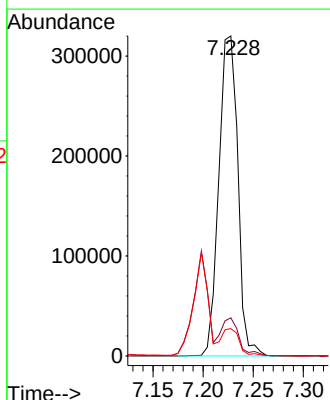
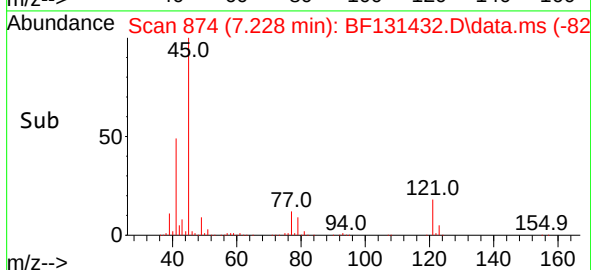
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

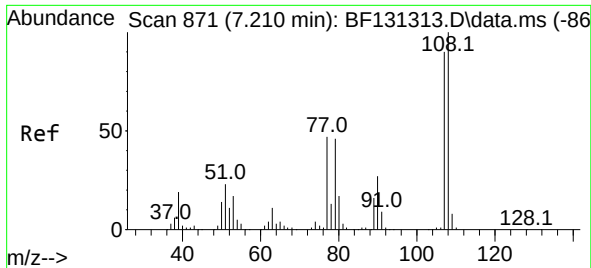


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.415 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37



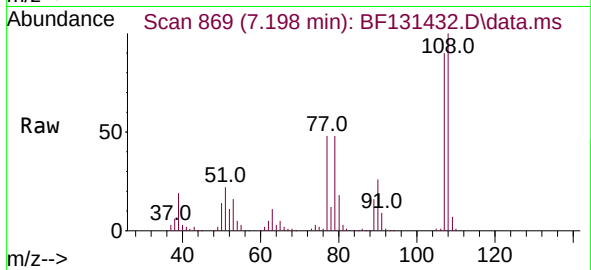
Tgt Ion: 45 Resp: 422637
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.2
79 8.5 0.0 28.4





#17
2-Methylphenol
Concen: 47.047 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

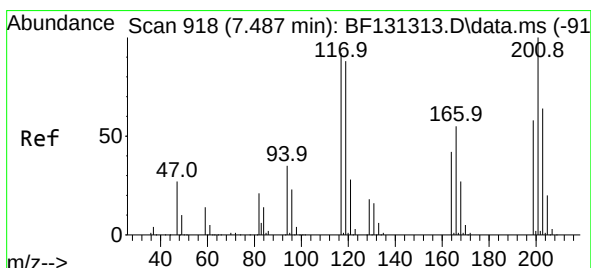
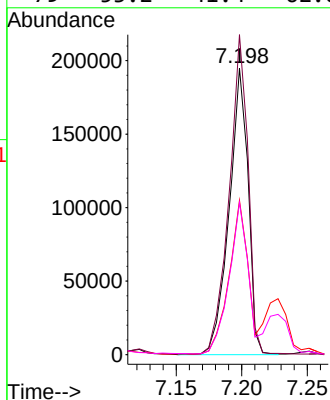
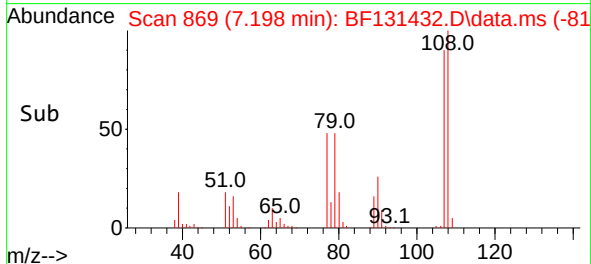
Instrument :
BNA_F
ClientSampleId :
CR-5MS



Tgt Ion:107 Resp: 195105
Ion Ratio Lower Upper
107 100
108 111.7 89.0 133.6
77 53.9 42.5 63.7
79 53.2 41.4 62.0

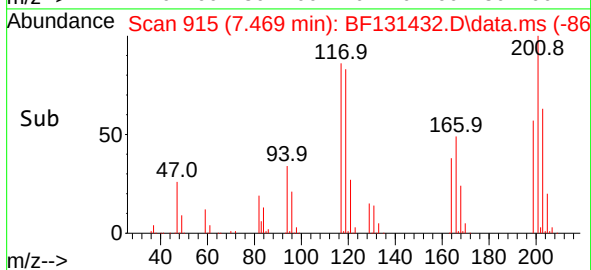
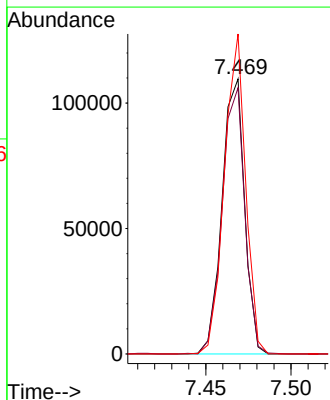
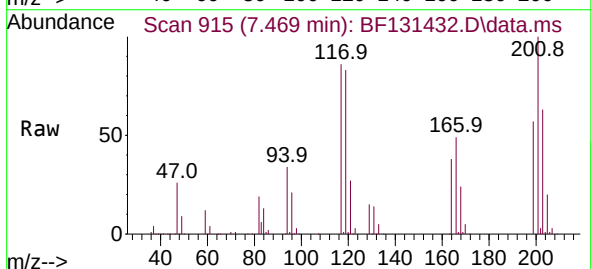
Manual Integrations
APPROVED

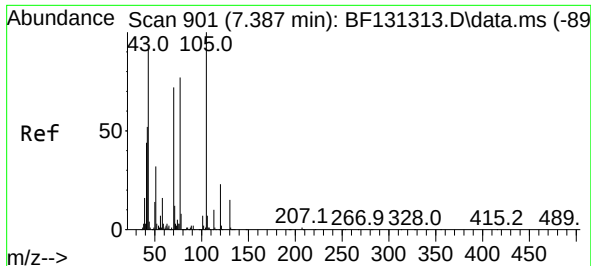
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#18
Hexachloroethane
Concen: 47.957 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:117 Resp: 101086
Ion Ratio Lower Upper
117 100
119 96.8 76.6 115.0
201 116.4 87.0 130.6





#19

n-Nitroso-di-n-propylamine

Concen: 44.852 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

Tgt Ion: 70 Resp: 179919

Ion Ratio Lower Upper

70 100

42 68.1 57.6 86.4

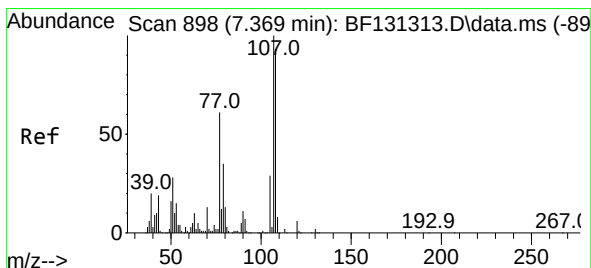
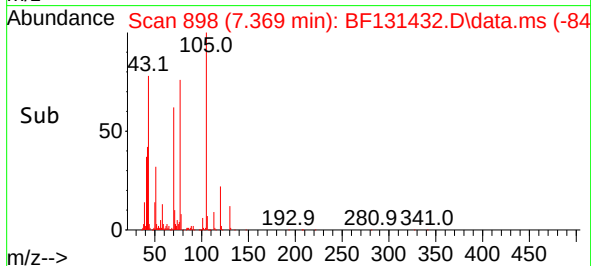
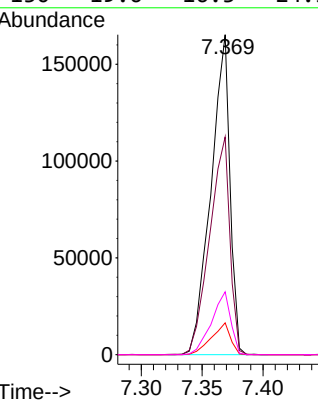
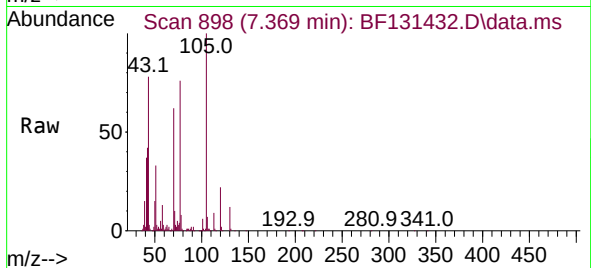
101 10.0 8.2 12.2

130 19.6 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#20

3+4-Methylphenols

Concen: 45.683 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Tgt Ion:107 Resp: 241894

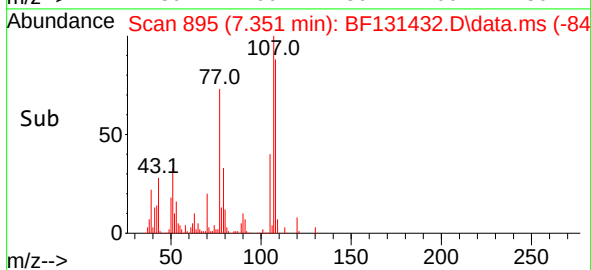
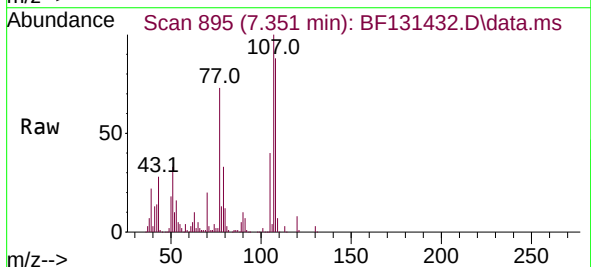
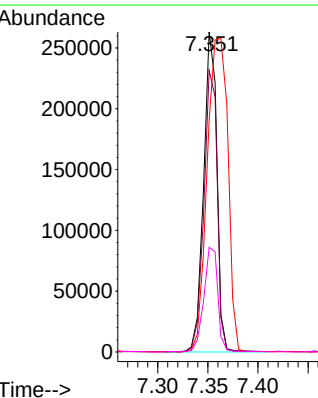
Ion Ratio Lower Upper

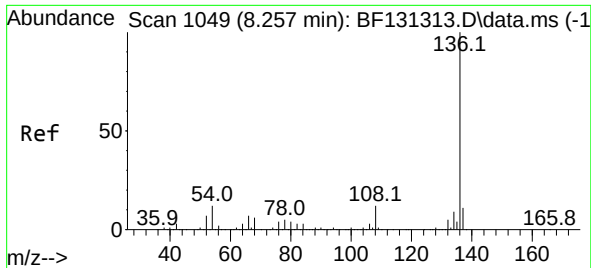
107 100

108 87.9 72.6 112.6

77 72.6 41.4 81.4

79 32.7 15.1 55.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

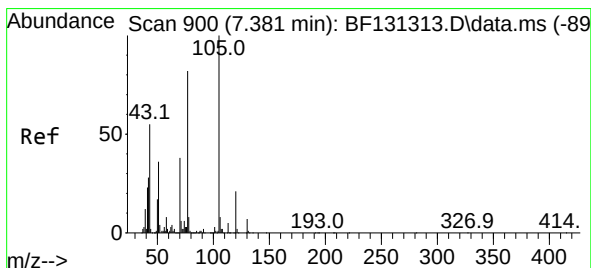
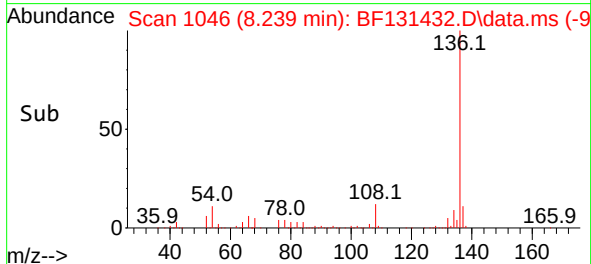
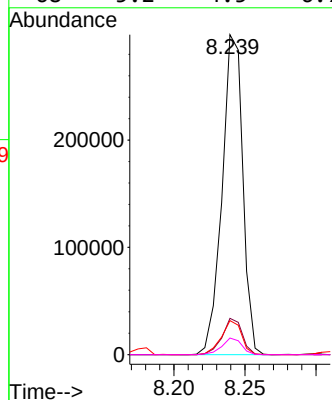
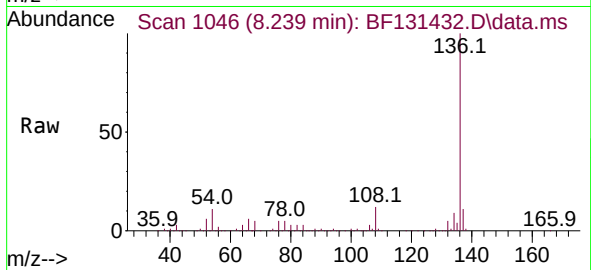
CR-5MS

Tgt Ion:136 Resp: 303780
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 10.6 9.4 14.0
68 5.2 4.5 6.7

Manual Integrations

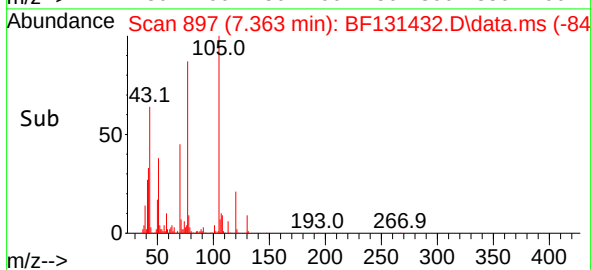
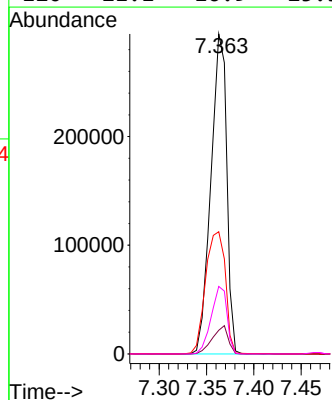
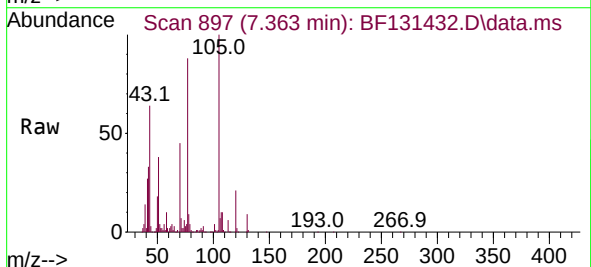
APPROVED

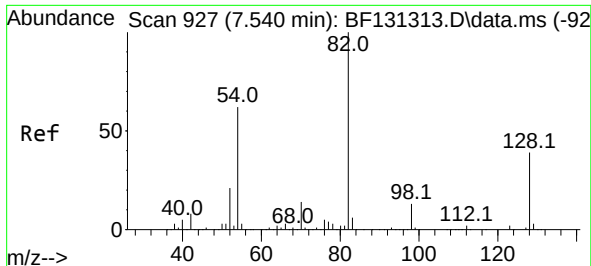
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#22
Acetophenone
Concen: 44.383 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

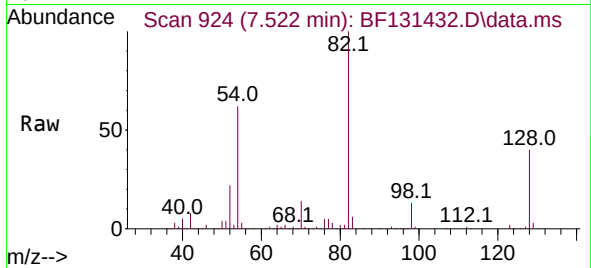
Tgt Ion:105 Resp: 343194
Ion Ratio Lower Upper
105 100
71 7.4 4.9 7.3#
51 38.2 29.0 43.4
120 21.1 16.9 25.3





#23
Nitrobenzene-d5
Concen: 75.799 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

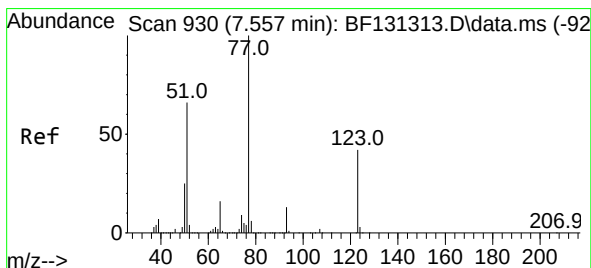
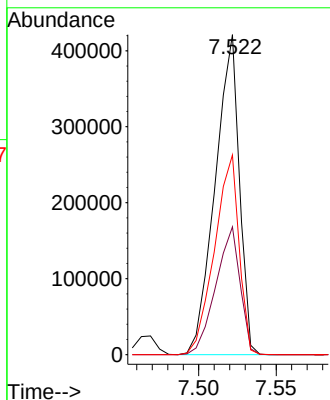
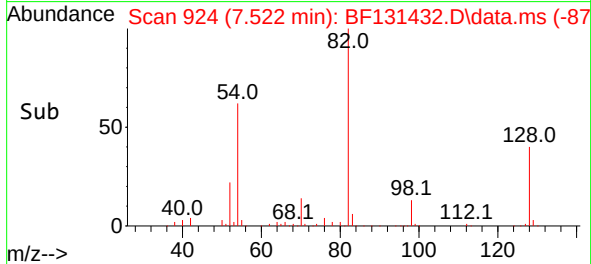
Instrument :
BNA_F
ClientSampleId :
CR-5MS



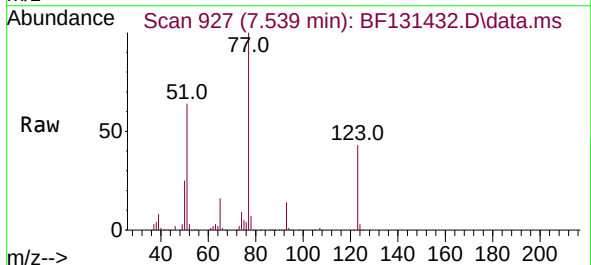
Tgt Ion: 82 Resp: 456792
Ion Ratio Lower Upper
82 100
128 40.0 31.4 47.0
54 62.4 49.8 74.6

Manual Integrations
APPROVED

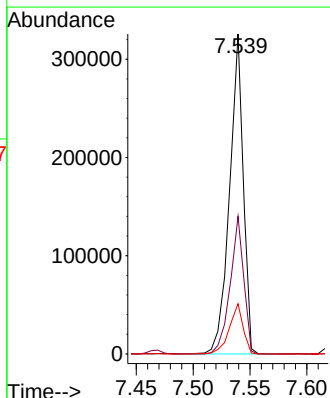
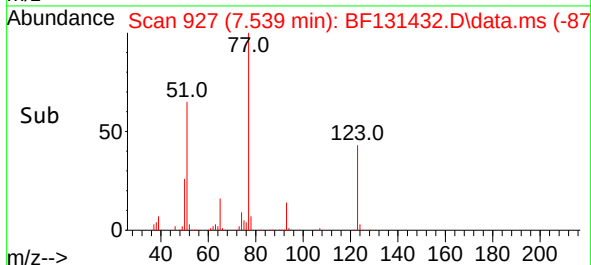
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

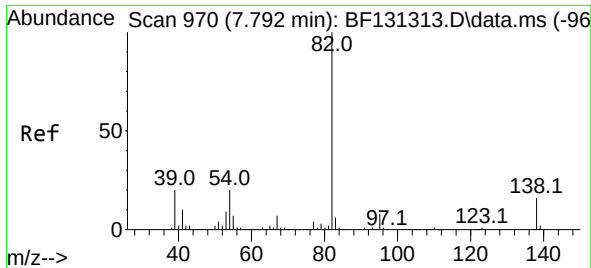


#24
Nitrobenzene
Concen: 43.827 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37



Tgt Ion: 77 Resp: 275181
Ion Ratio Lower Upper
77 100
123 43.0 33.3 49.9
65 15.7 12.7 19.1





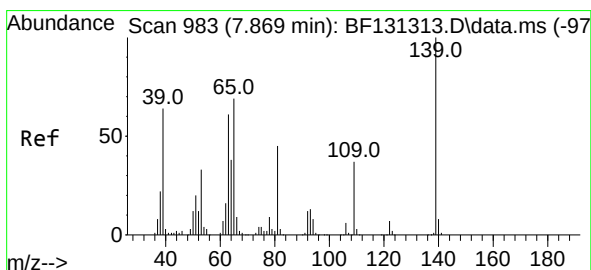
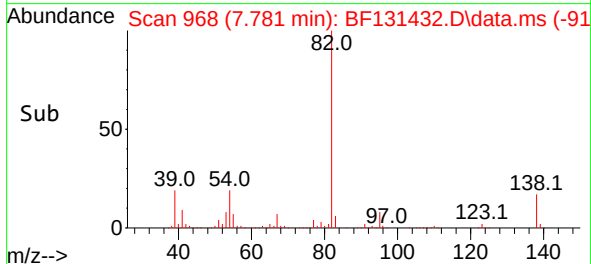
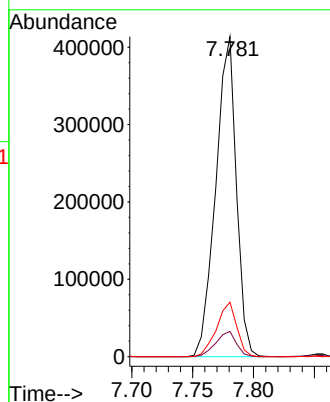
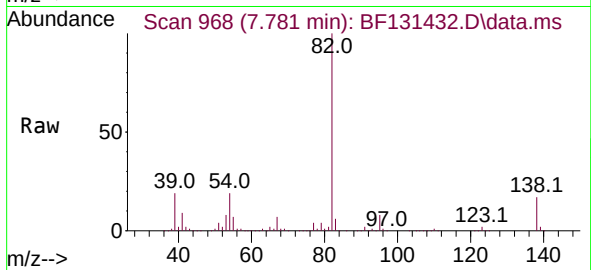
#25
Isophorone
Concen: 45.352 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Instrument :
BNA_F
ClientSampleId :
CR-5MS

Tgt Ion: 82 Resp: 487608
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 17.0 12.7 19.1

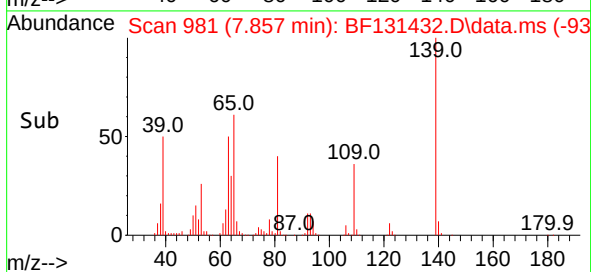
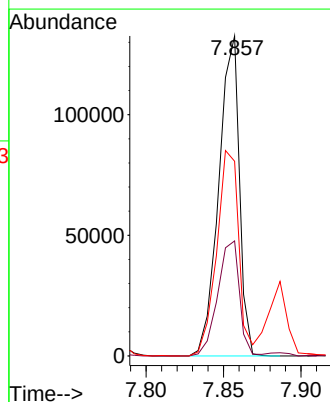
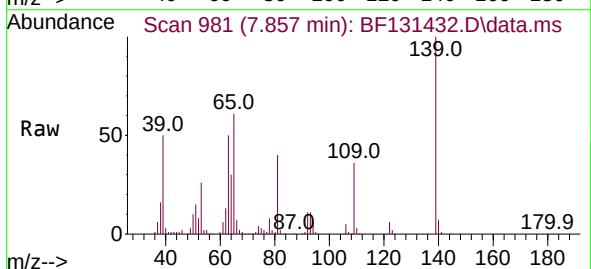
Manual Integrations
APPROVED

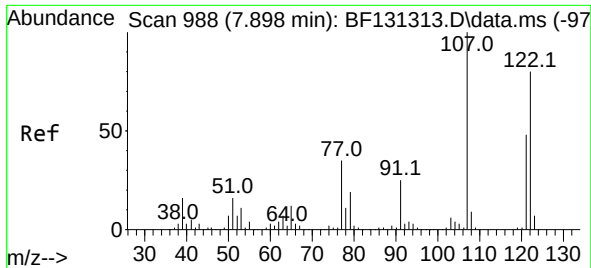
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#26
2-Nitrophenol
Concen: 58.386 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:139 Resp: 122893
Ion Ratio Lower Upper
139 100
109 35.9 29.9 44.9
65 60.8 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 51.200 ng

RT: 7.886 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

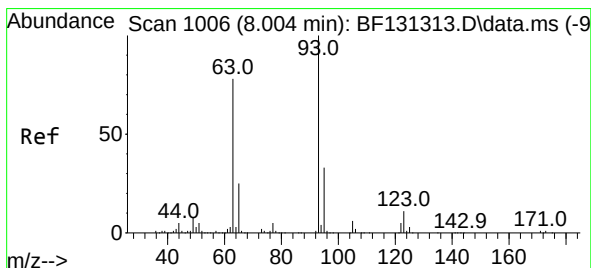
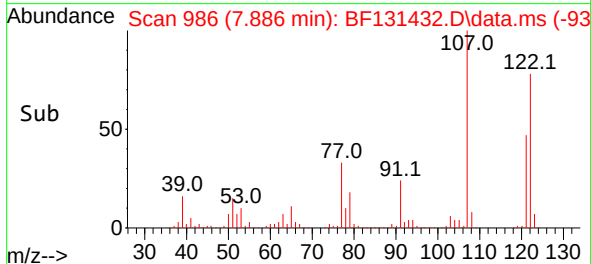
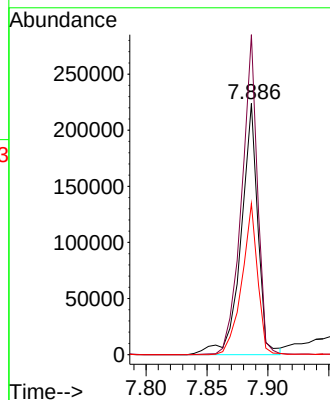
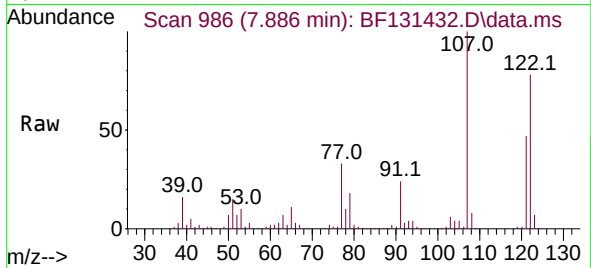
CR-5MS

Tgt Ion:122 Resp: 213404
 Ion Ratio Lower Upper
 122 100
 107 127.4 99.9 149.9
 121 60.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.989 ng

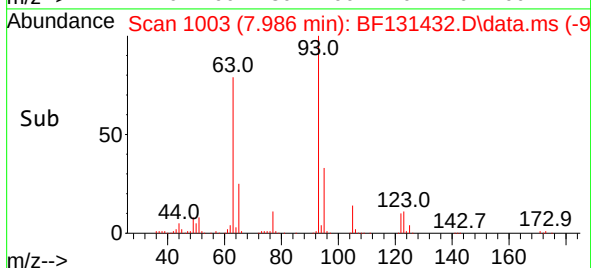
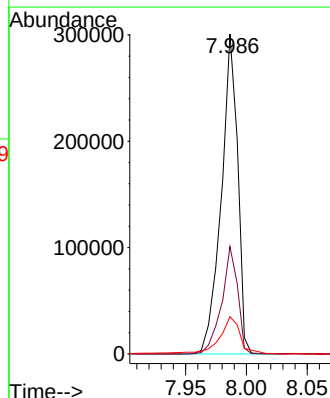
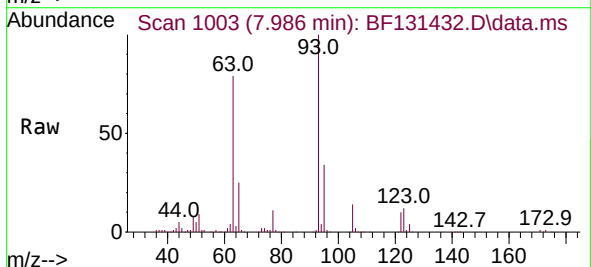
RT: 7.986 min Scan# 1003

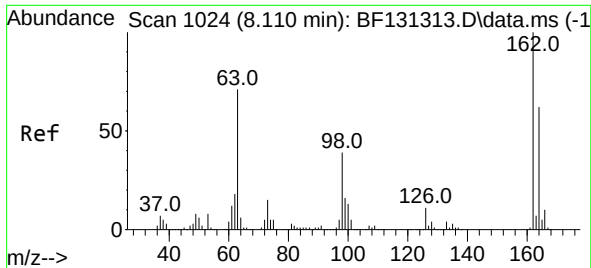
Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Tgt Ion: 93 Resp: 280841
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.4 39.6
 123 11.6 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 46.001 ng

RT: 8.092 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

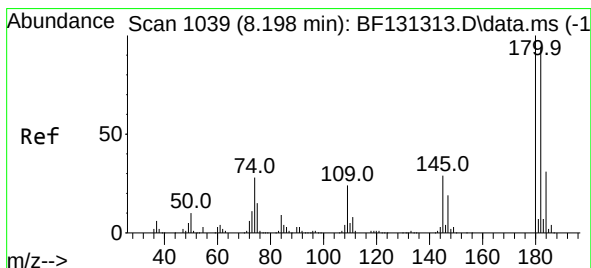
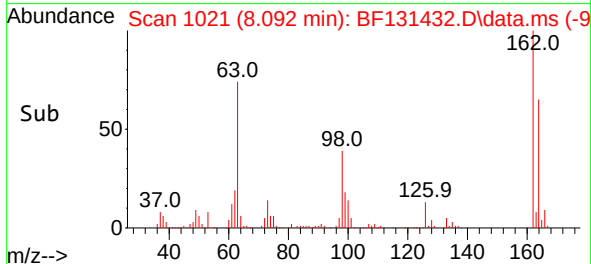
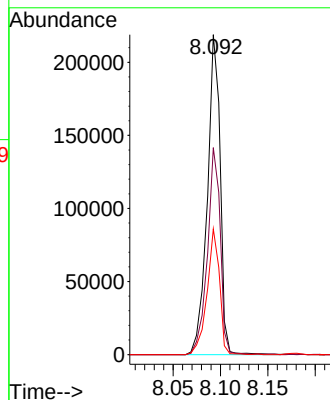
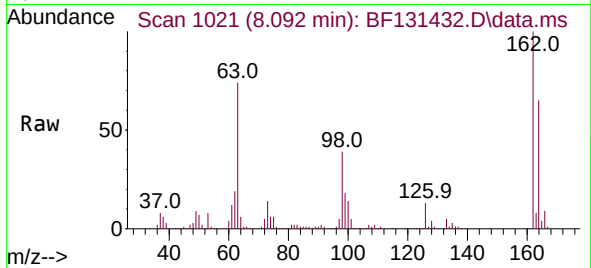
CR-5MS

Tgt Ion:162	Resp: 207974
Ion Ratio	Lower Upper
162 100	
164 64.7	42.2 82.2
98 39.3	18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.188 ng

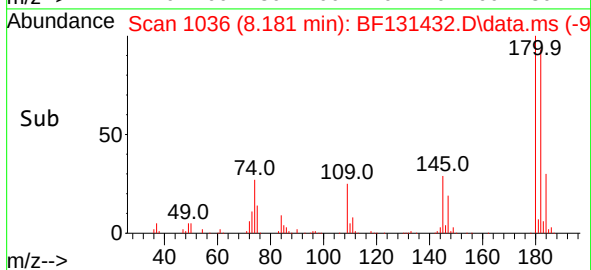
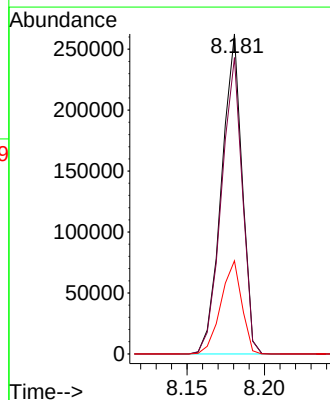
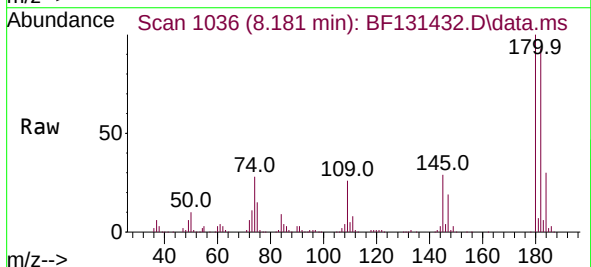
RT: 8.181 min Scan# 1036

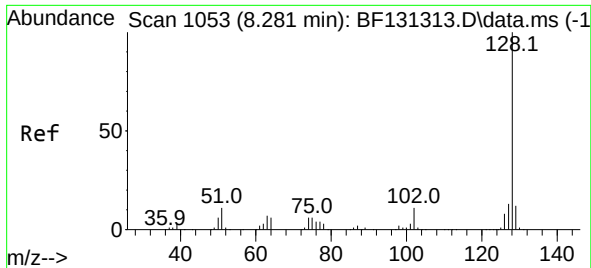
Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

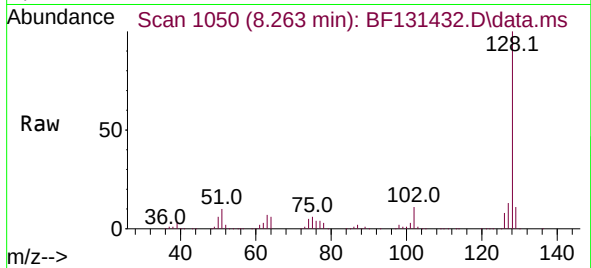
Tgt Ion:180	Resp: 241886
Ion Ratio	Lower Upper
180 100	
182 92.6	75.3 112.9
145 29.1	23.4 35.0





#31
Naphthalene
Concen: 42.042 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

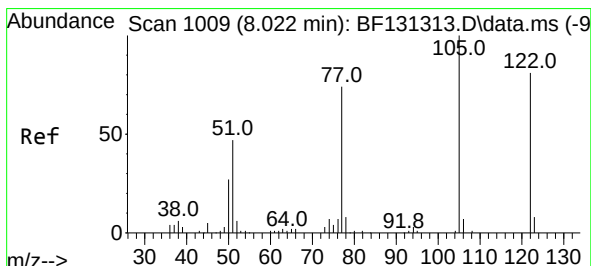
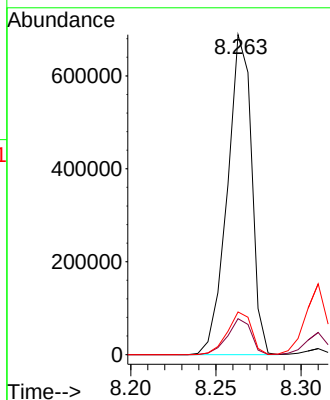
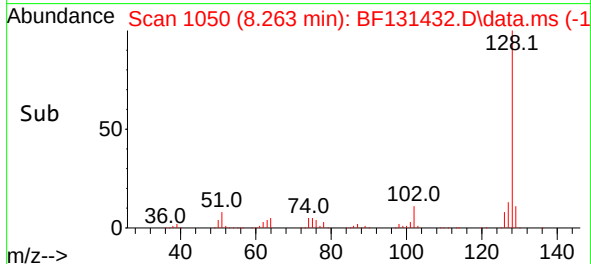
Instrument :
BNA_F
ClientSampleId :
CR-5MS



Tgt Ion:128 Resp: 680594
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.3 10.6 16.0

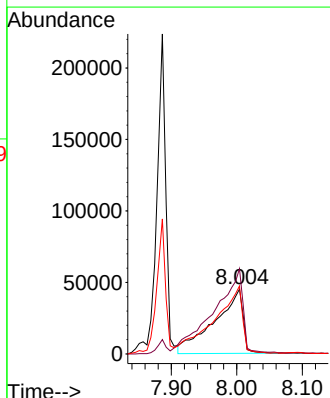
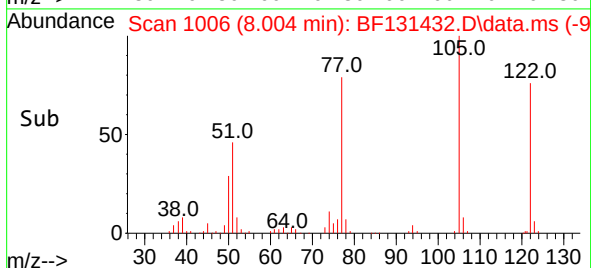
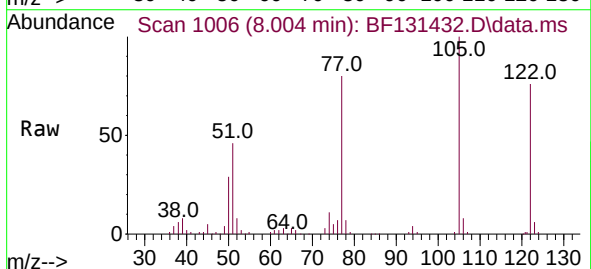
Manual Integrations
APPROVED

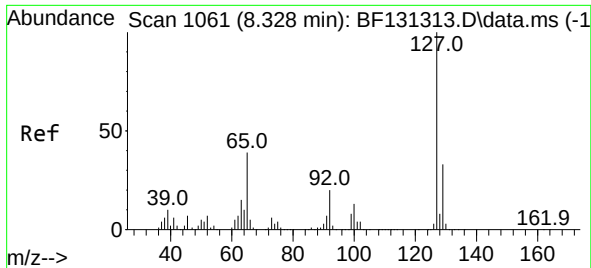
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#32
Benzoic acid
Concen: 50.698 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:122 Resp: 134751
Ion Ratio Lower Upper
122 100
105 131.6 103.8 143.8
77 105.1 74.3 114.3





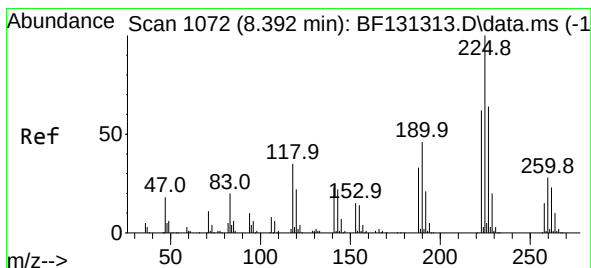
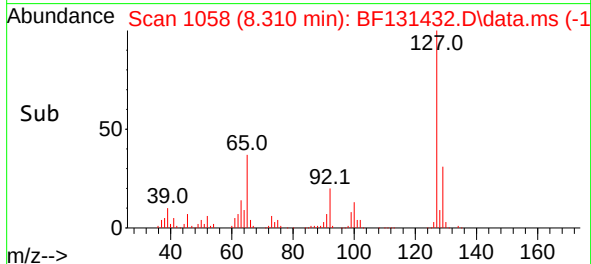
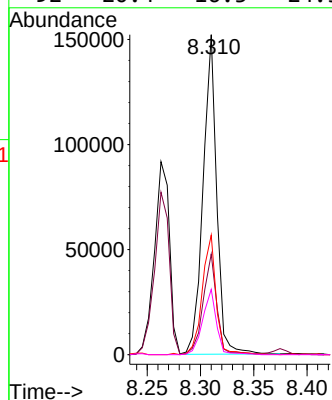
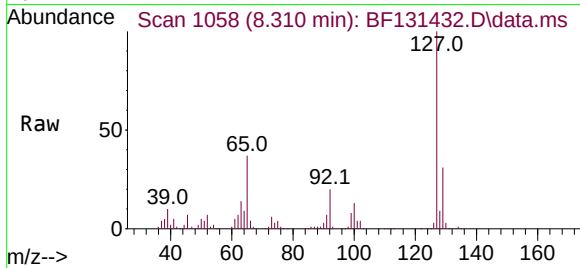
#33
4-Chloroaniline
Concen: 21.121 ng
RT: 8.310 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Instrument :
BNA_F
ClientSampleId :
CR-5MS

Tgt Ion:127 Resp: 134886
Ion Ratio Lower Upper
127 100
129 31.4 26.4 39.6
65 37.3 31.0 46.6
92 20.4 16.3 24.5

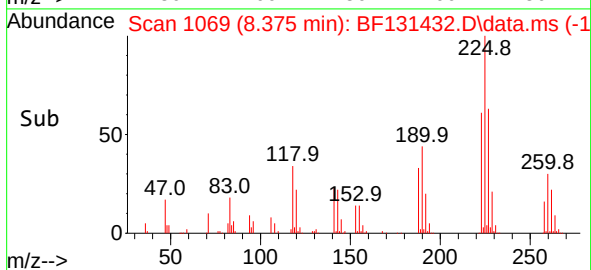
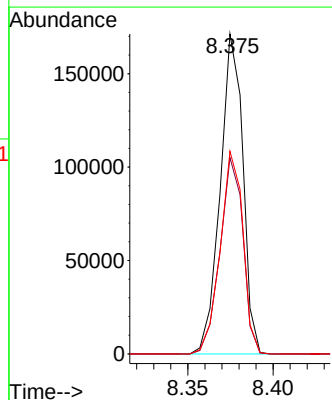
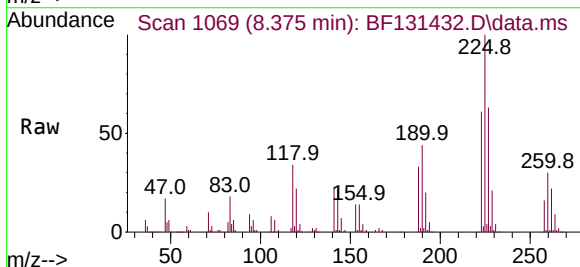
Manual Integrations
APPROVED

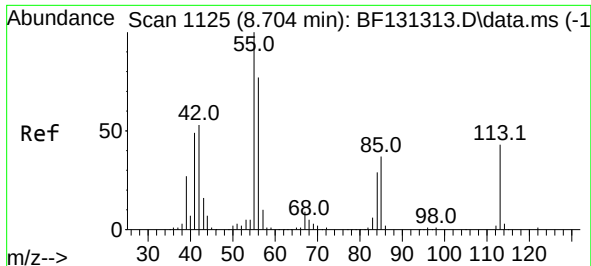
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#34
Hexachlorobutadiene
Concen: 43.554 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

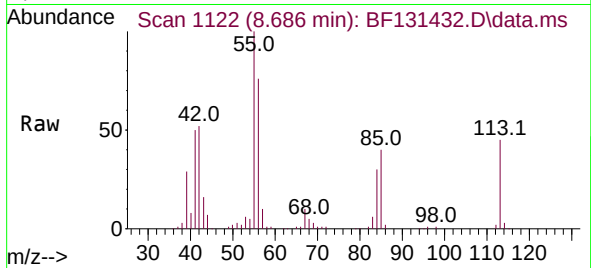
Tgt Ion:225 Resp: 157956
Ion Ratio Lower Upper
225 100
223 61.3 49.4 74.0
227 63.3 51.1 76.7





#35
Caprolactam
Concen: 50.856 ng m
RT: 8.686 min Scan# 1125
Delta R.T. -0.012 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

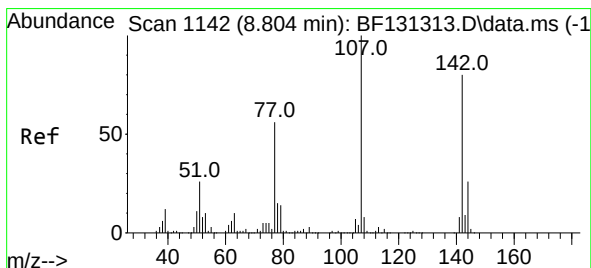
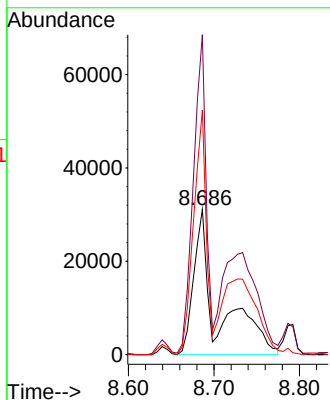
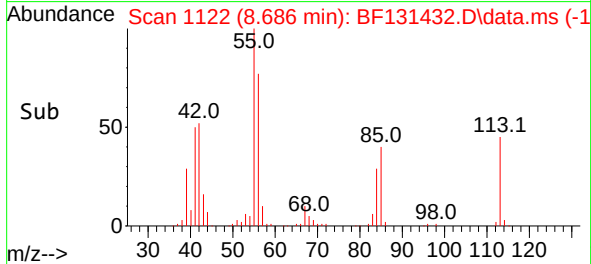
Instrument :
BNA_F
ClientSampleId :
CR-5MS



Tgt Ion:113 Resp: 60419
Ion Ratio Lower Upper
113 100
55 220.5 214.5 254.5
56 168.5 159.4 199.4

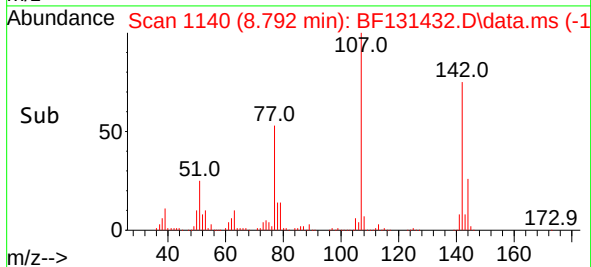
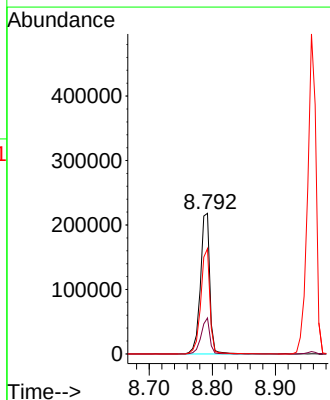
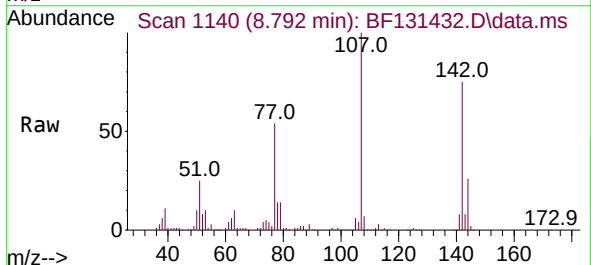
Manual Integrations
APPROVED

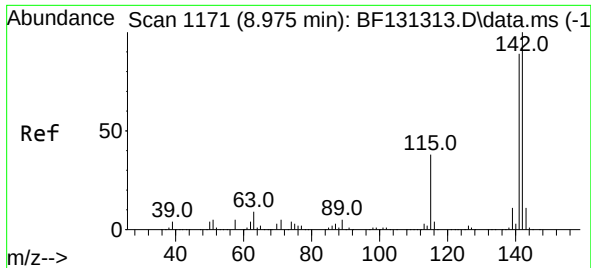
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#36
4-Chloro-3-methylphenol
Concen: 47.644 ng
RT: 8.792 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:107 Resp: 223787
Ion Ratio Lower Upper
107 100
144 25.6 20.9 31.3
142 74.8 63.9 95.9





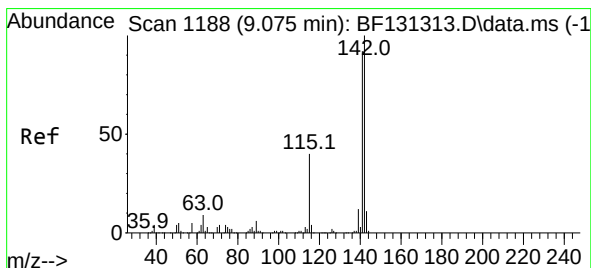
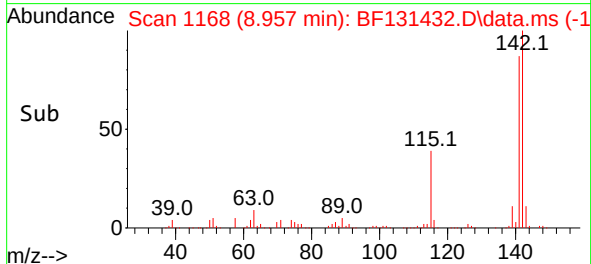
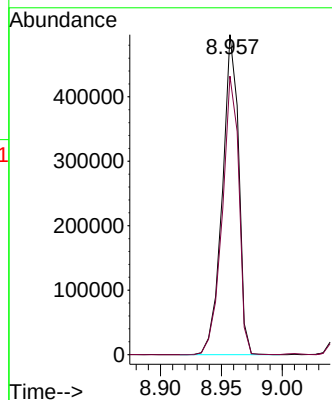
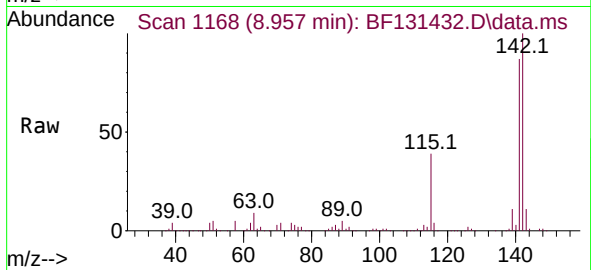
#37
2-Methylnaphthalene
Concen: 42.169 ng
RT: 8.957 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Instrument :
BNA_F
ClientSampleId :
CR-5MS

Tgt Ion:142 Resp: 462531
Ion Ratio Lower Upper
142 100
141 87.0 71.0 106.4

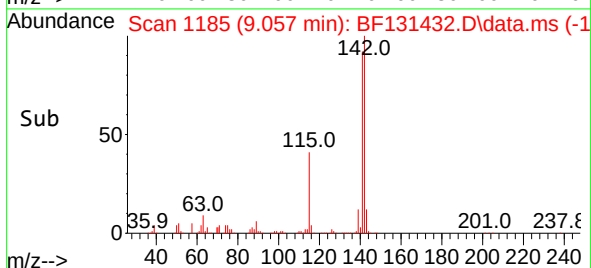
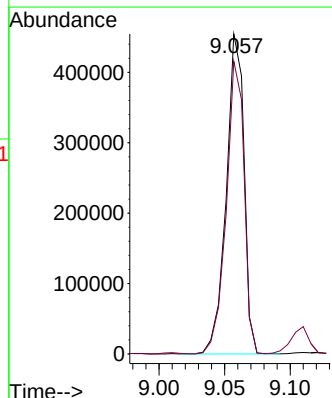
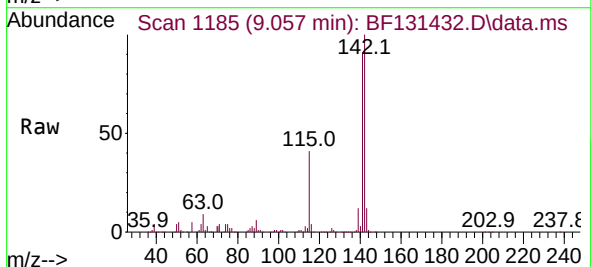
Manual Integrations
APPROVED

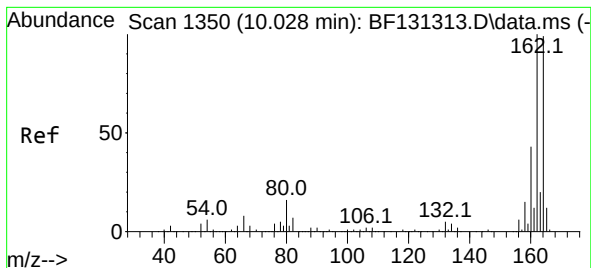
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#38
1-Methylnaphthalene
Concen: 40.349 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:142 Resp: 429162
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1347

Delta R.T. -0.000 min

Lab File: BF131432.D

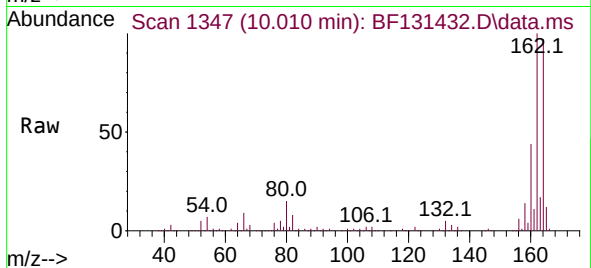
Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS



Tgt Ion:164 Resp: 170912

Ion Ratio Lower Upper

164 100

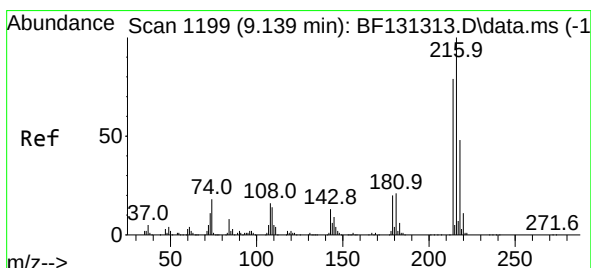
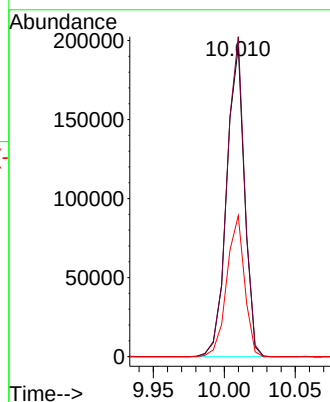
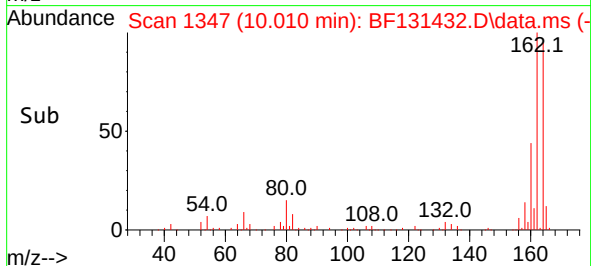
162 103.3 80.6 120.8

160 45.5 34.4 51.6

Manual Integrations

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Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.895 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Tgt Ion:216 Resp: 243455

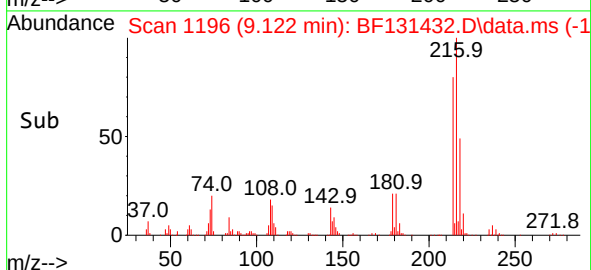
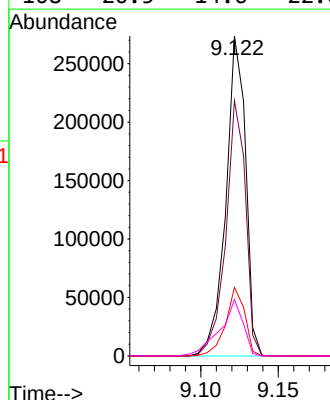
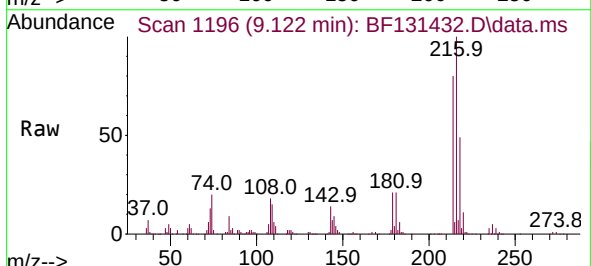
Ion Ratio Lower Upper

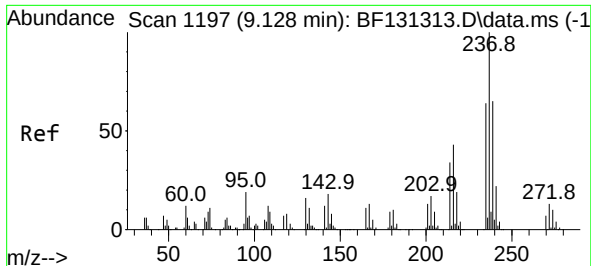
216 100

214 79.1 63.1 94.7

179 20.6 16.2 24.4

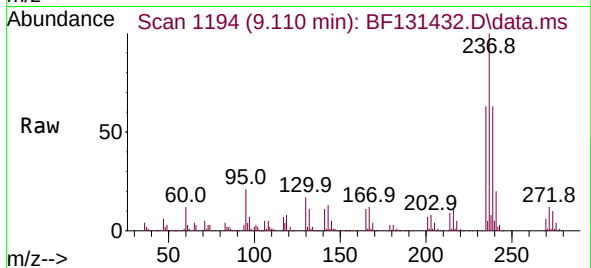
108 20.5 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 126.668 ng
RT: 9.110 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

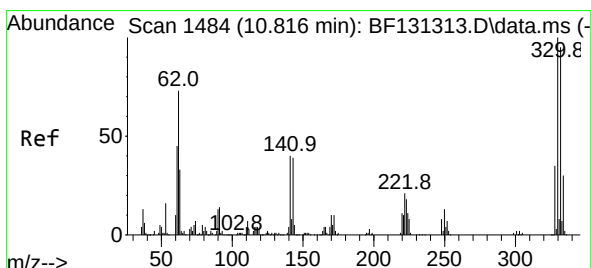
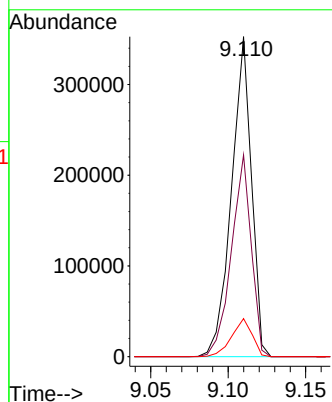
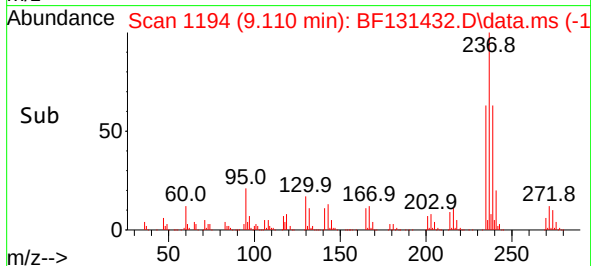
Instrument :
BNA_F
ClientSampleId :
CR-5MS



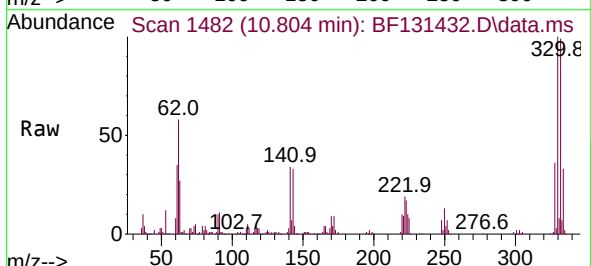
Tgt Ion: 237 Resp: 315824
Ion Ratio Lower Upper
237 100
235 63.1 44.2 84.2
272 11.9 0.0 33.4

Manual Integrations
APPROVED

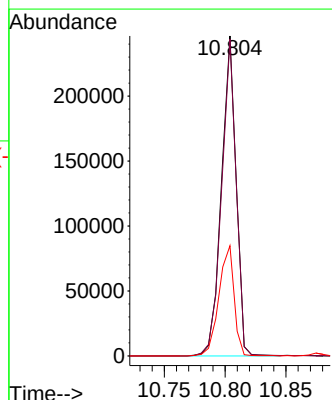
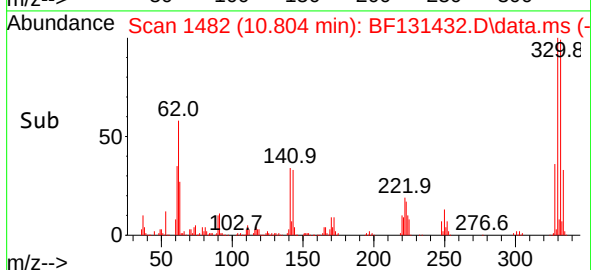
Reviewed By : Christian Giraldo 12/02/2022
Supervised By : mohammad ahmed 12/02/2022

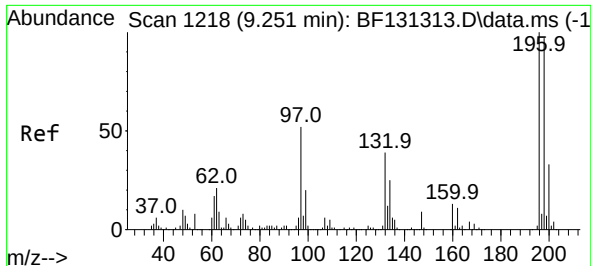


#42
2,4,6-Tribromophenol
Concen: 143.750 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37



Tgt Ion: 330 Resp: 206698
Ion Ratio Lower Upper
330 100
332 98.2 77.5 116.3
141 35.9 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 49.840 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

Tgt Ion:196 Resp: 156814

Ion Ratio Lower Upper

196 100

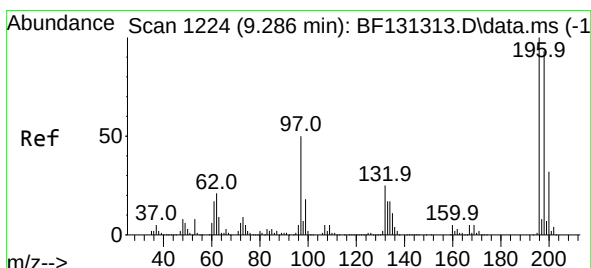
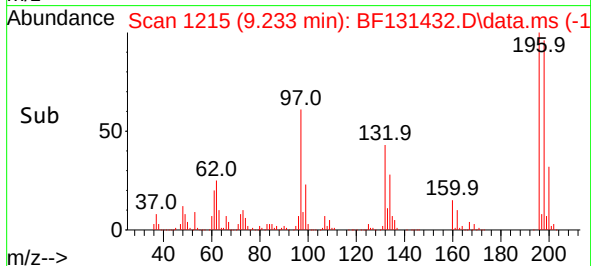
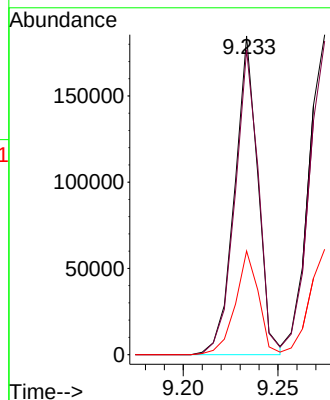
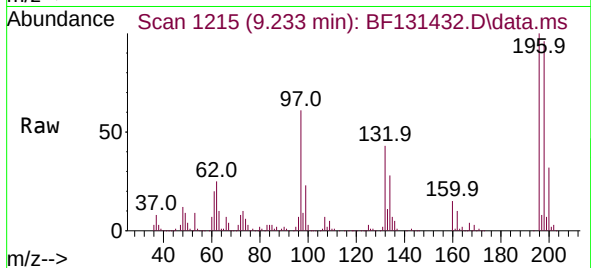
198 95.7 77.4 116.0

200 32.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#44

2,4,5-Trichlorophenol

Concen: 46.781 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Tgt Ion:196 Resp: 165513

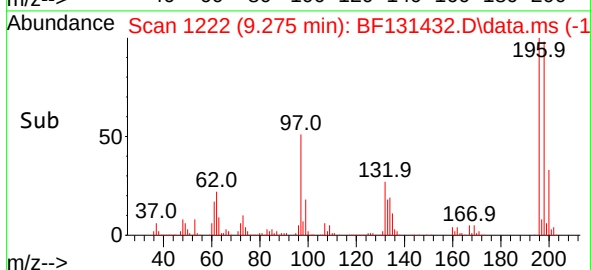
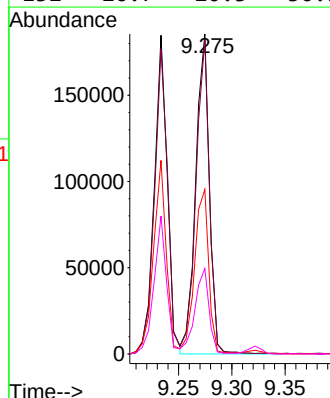
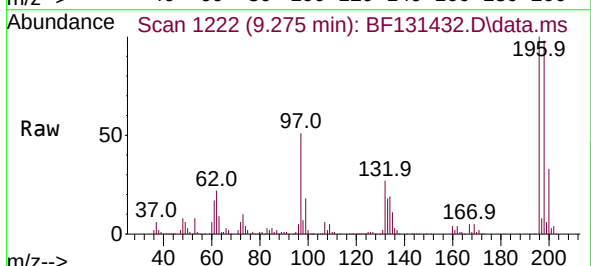
Ion Ratio Lower Upper

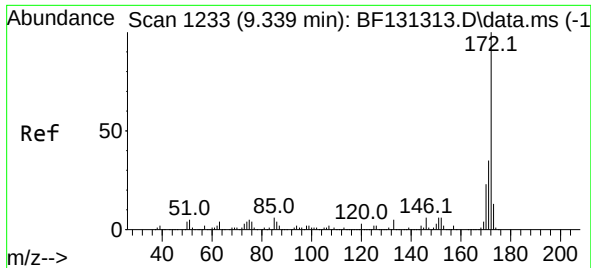
196 100

198 98.0 75.0 112.4

97 51.4 40.3 60.5

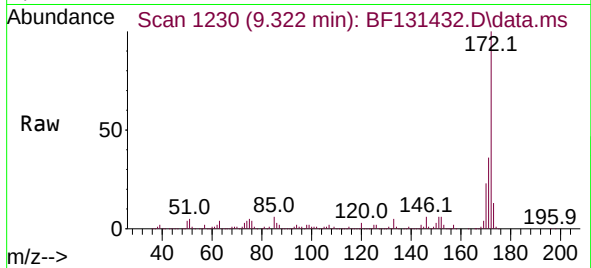
132 26.7 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 73.714 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

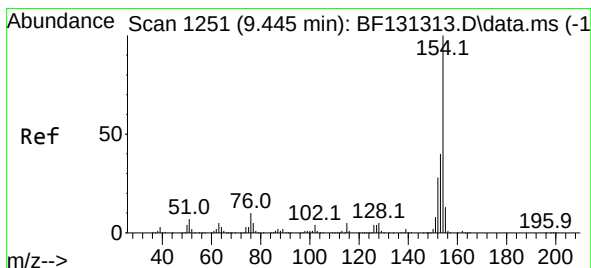
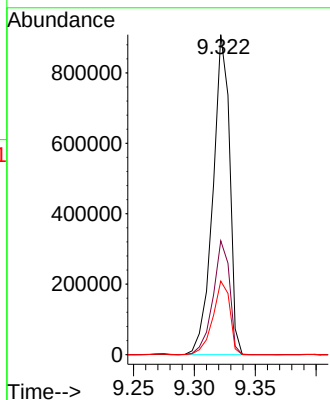
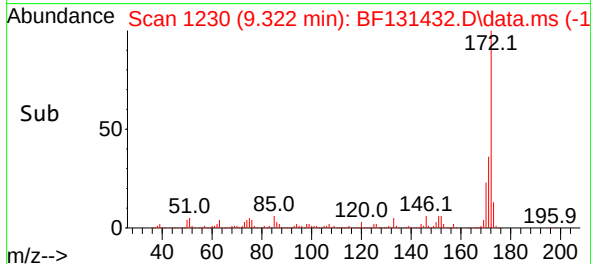
Instrument :
BNA_F
ClientSampleId :
CR-5MS



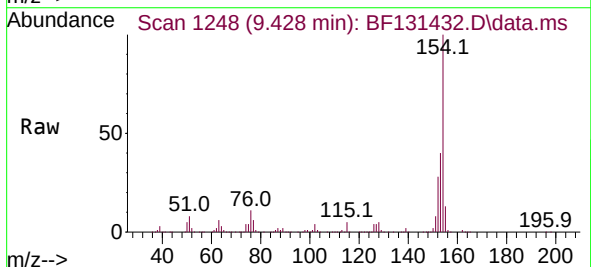
Tgt Ion:172 Resp: 865986
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.0 18.7 28.1

Manual Integrations
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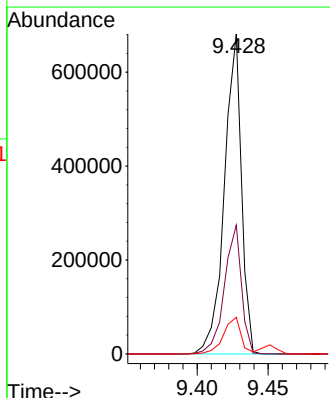
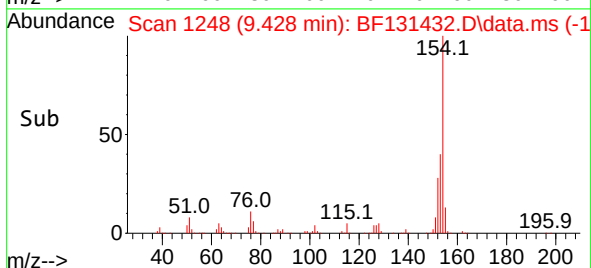
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

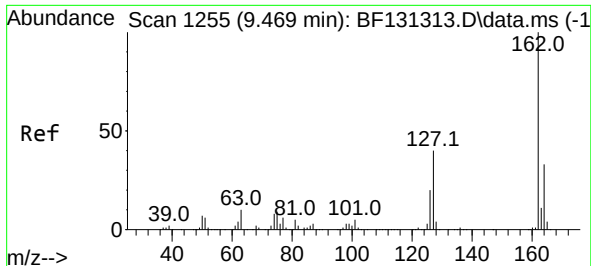


#46
1,1'-Biphenyl
Concen: 43.578 ng
RT: 9.428 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37



Tgt Ion:154 Resp: 568374
Ion Ratio Lower Upper
154 100
153 40.2 19.8 59.8
76 11.4 0.0 30.2





#47

2-Chloronaphthalene

Concen: 42.904 ng

RT: 9.451 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

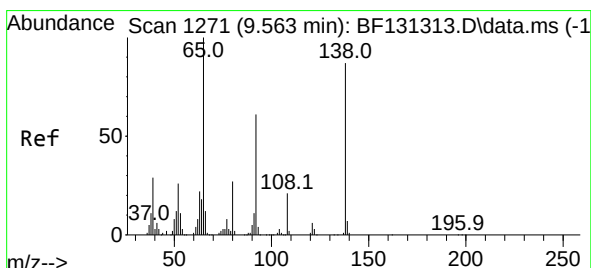
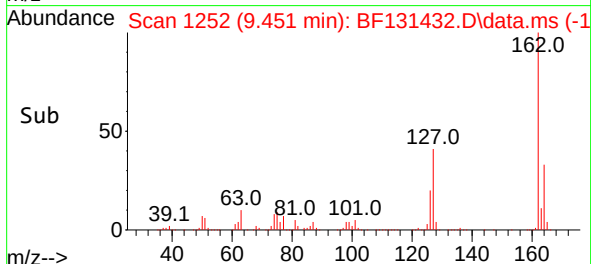
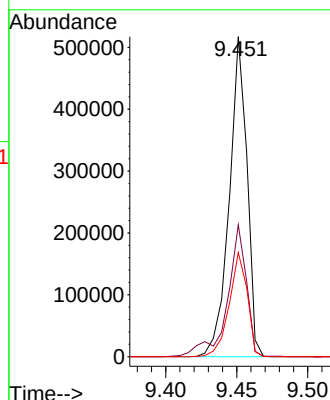
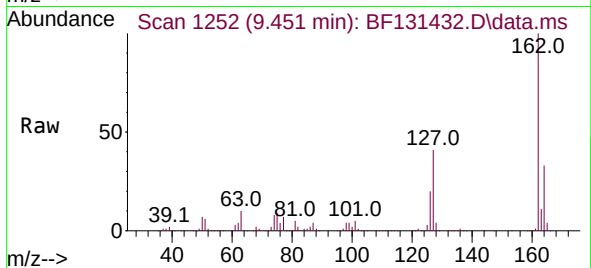
CR-5MS

Tgt Ion:162	Resp: 448894
Ion Ratio	Lower Upper
162	100
127	41.2 32.1 48.1
164	32.5 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#48

2-Nitroaniline

Concen: 49.798 ng

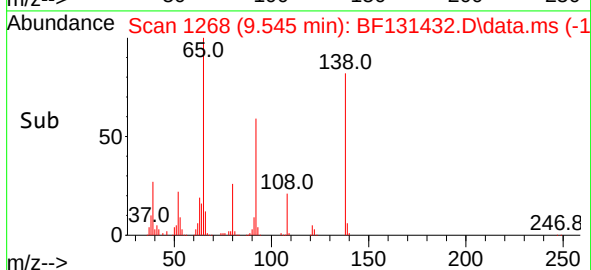
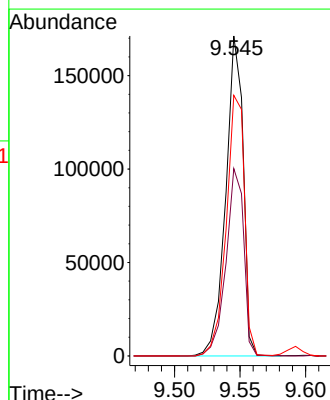
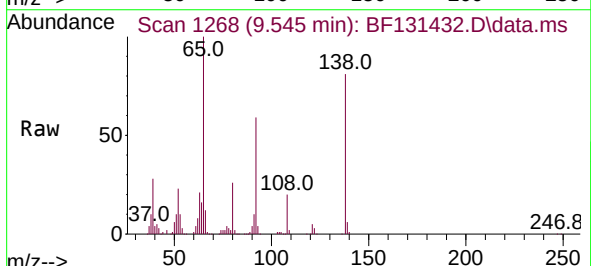
RT: 9.545 min Scan# 1268

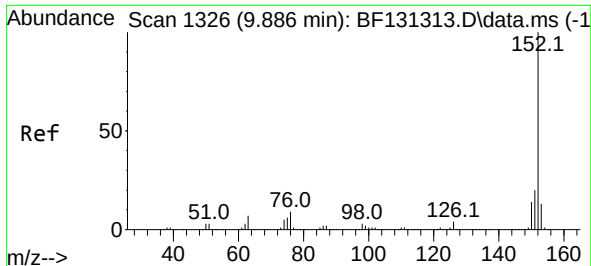
Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

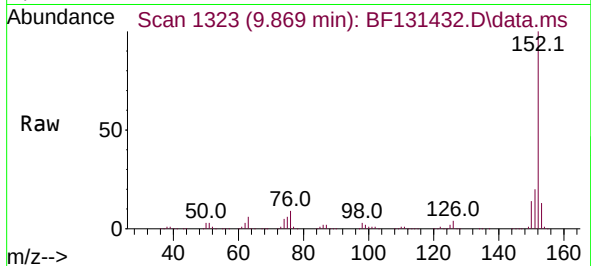
Tgt Ion: 65	Resp: 158195
Ion Ratio	Lower Upper
65	100
92	58.5 49.0 73.4
138	81.4 69.4 104.2





#49
Acenaphthylene
Concen: 42.892 ng
RT: 9.869 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

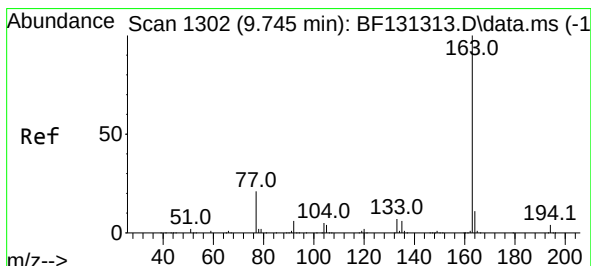
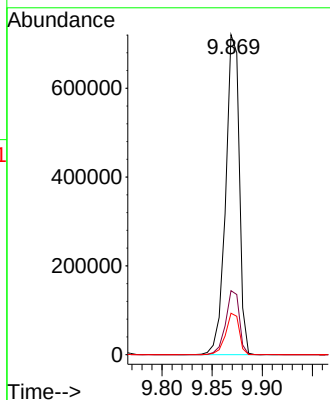
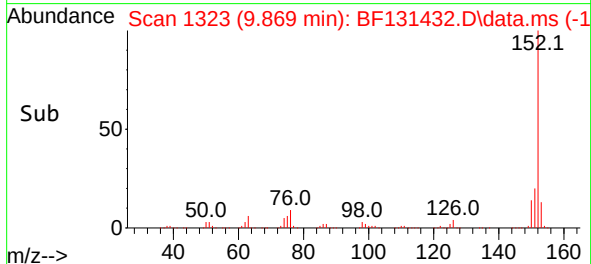
Instrument :
BNA_F
ClientSampleId :
CR-5MS



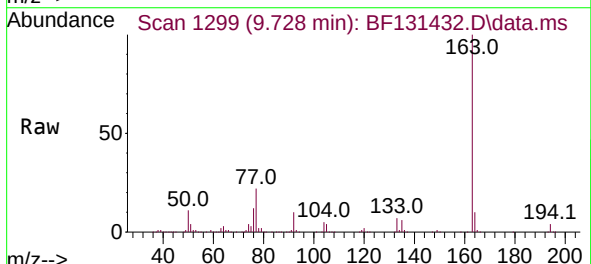
Tgt Ion:152 Resp: 684094
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 12.9 10.6 15.8

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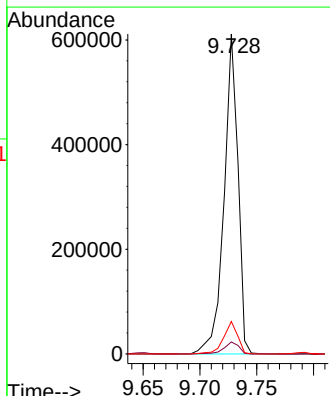
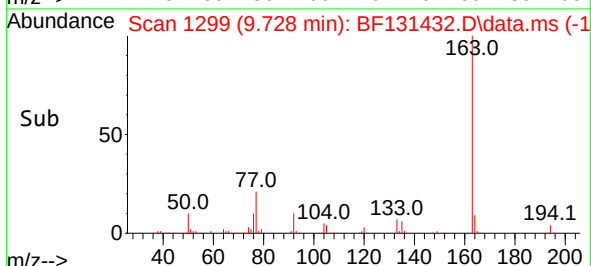
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

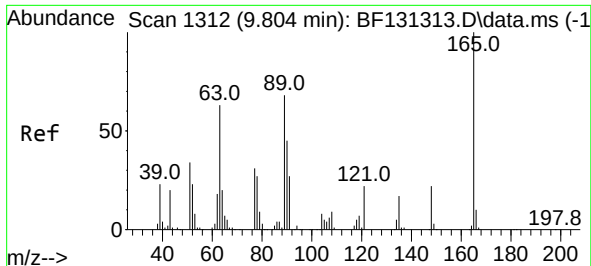


#50
Dimethylphthalate
Concen: 43.642 ng
RT: 9.728 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37



Tgt Ion:163 Resp: 519690
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.1 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 47.874 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

Tgt Ion:165 Resp: 114009

Ion Ratio Lower Upper

165 100

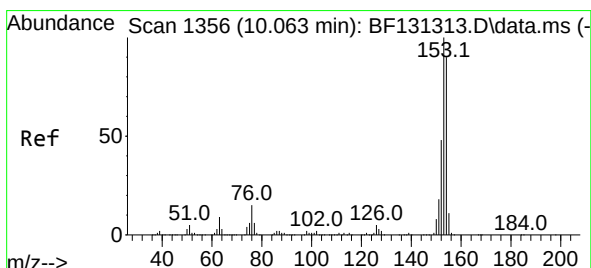
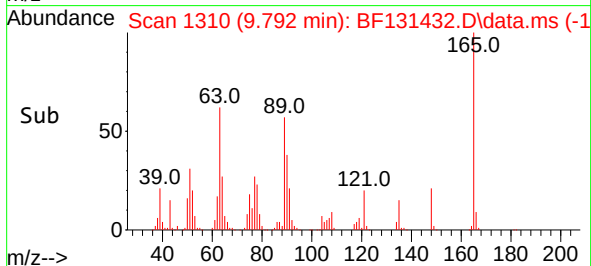
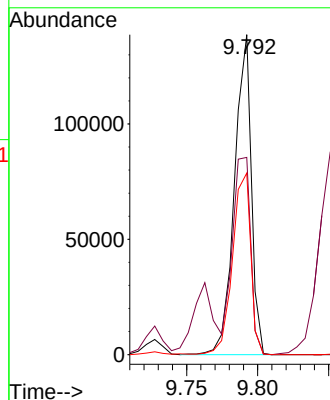
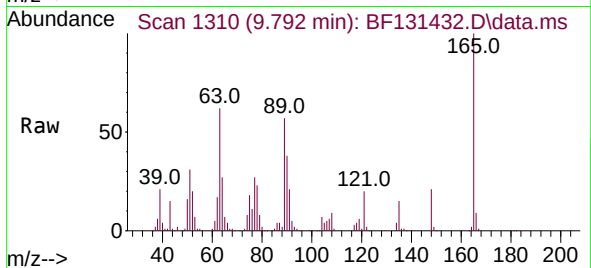
63 61.6 62.0 93.0

89 56.7 54.4 81.6

Manual Integrations

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Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#52

Acenaphthene

Concen: 48.507 ng

RT: 10.045 min Scan# 1353

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

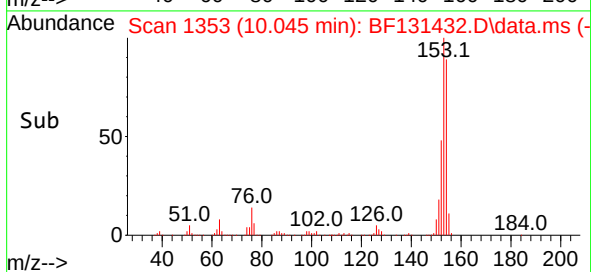
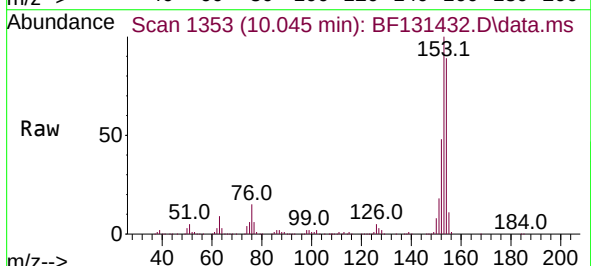
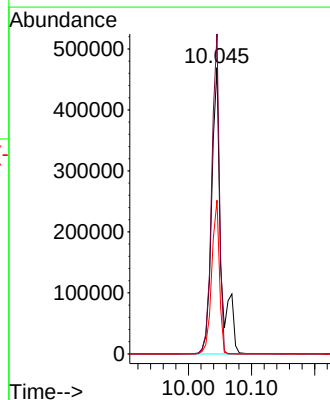
Tgt Ion:154 Resp: 484451

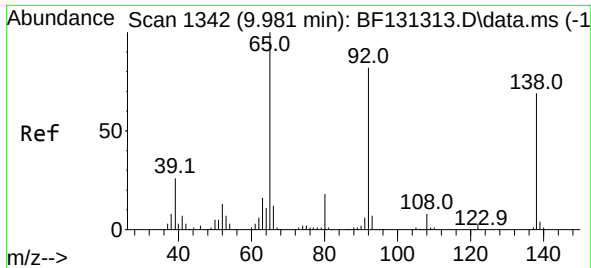
Ion Ratio Lower Upper

154 100

153 111.8 88.4 132.6

152 53.7 42.8 64.2





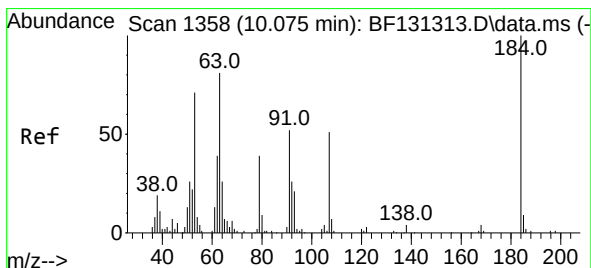
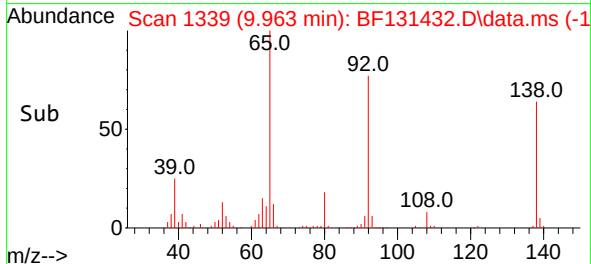
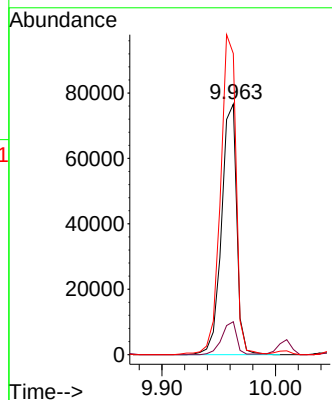
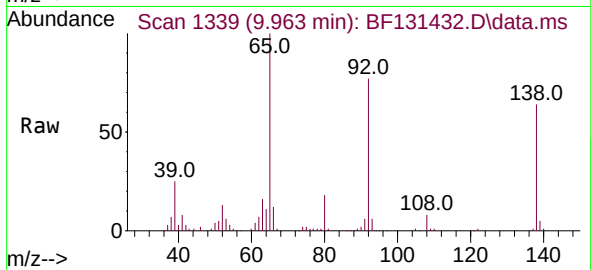
#53
3-Nitroaniline
Concen: 29.039 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Instrument :
BNA_F
ClientSampleId :
CR-5MS

Tgt Ion:138 Resp: 71060
Ion Ratio Lower Upper
138 100
108 13.1 8.9 13.3
92 120.2 95.3 142.9

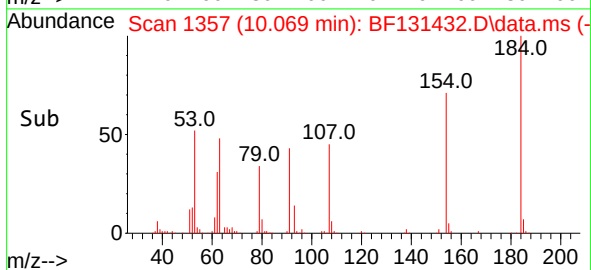
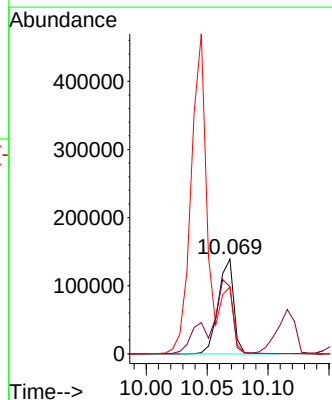
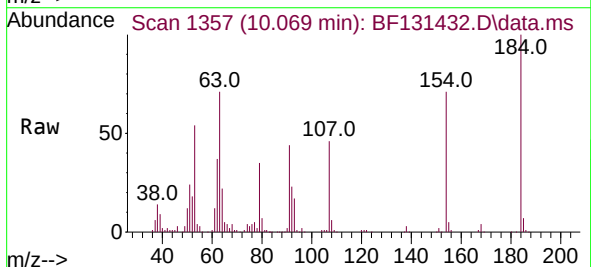
Manual Integrations
APPROVED

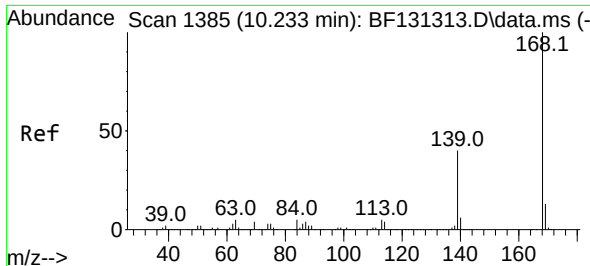
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#54
2,4-Dinitrophenol
Concen: 101.183 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

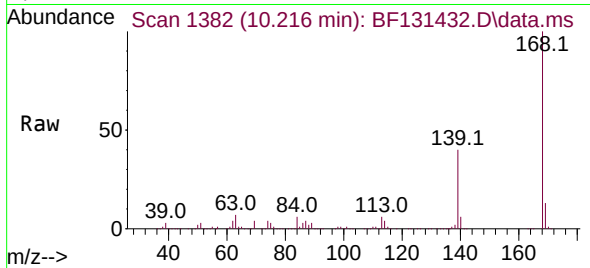
Tgt Ion:184 Resp: 123095
Ion Ratio Lower Upper
184 100
63 70.9 72.1 108.1#
154 70.7 56.3 84.5





#55
Dibenzofuran
Concen: 41.857 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

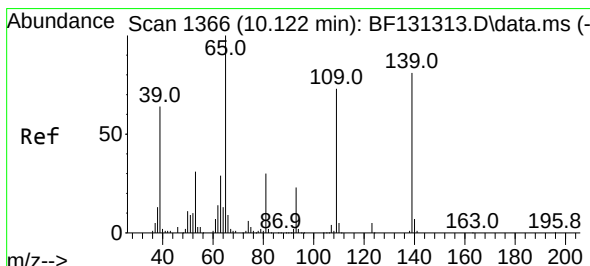
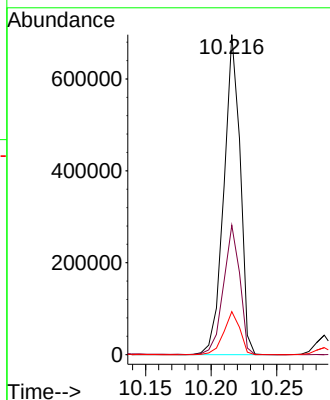
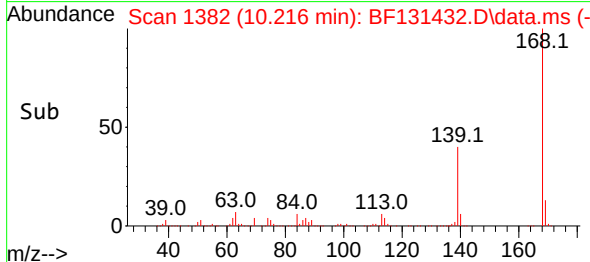
Instrument :
BNA_F
ClientSampleId :
CR-5MS



Tgt Ion:168 Resp: 601415
Ion Ratio Lower Upper
168 100
139 40.4 31.7 47.5
169 13.4 10.6 15.8

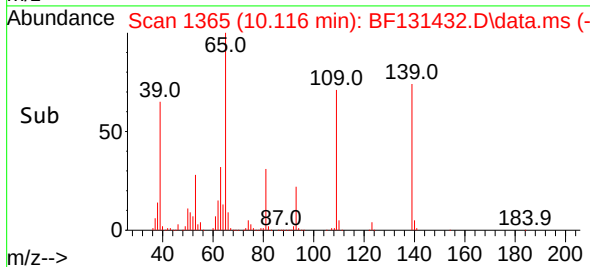
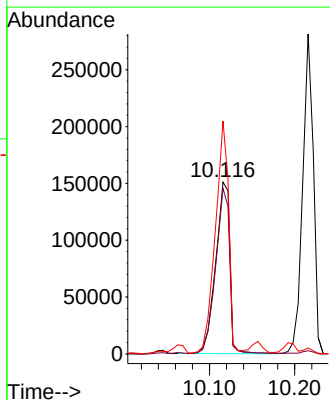
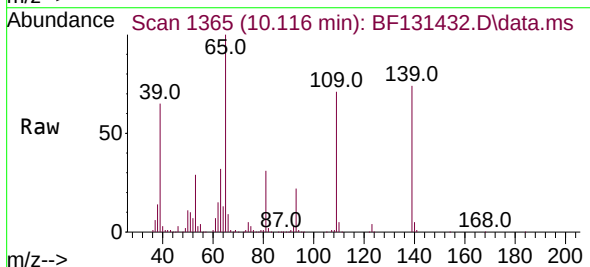
Manual Integrations
APPROVED

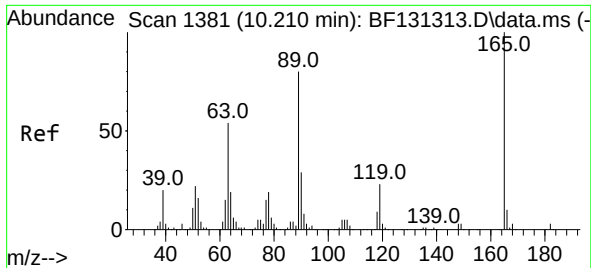
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#56
4-Nitrophenol
Concen: 102.719 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

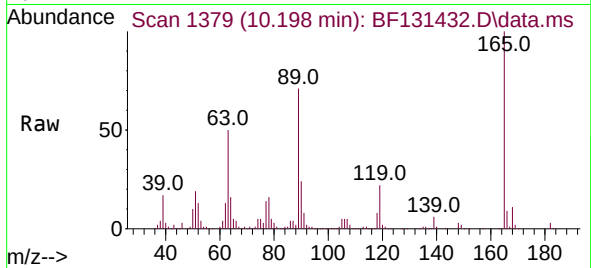
Tgt Ion:139 Resp: 174450
Ion Ratio Lower Upper
139 100
109 96.4 69.6 109.6
65 135.5 103.4 143.4





#57
2,4-Dinitrotoluene
Concen: 51.198 ng
RT: 10.198 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

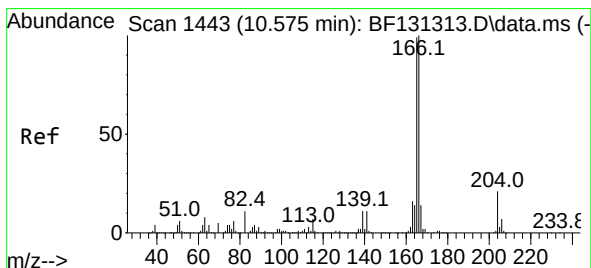
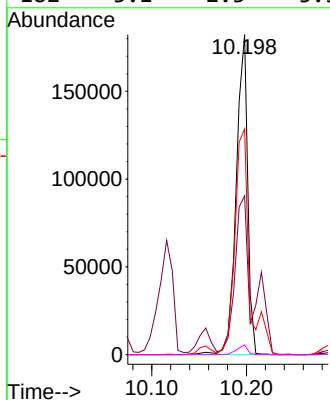
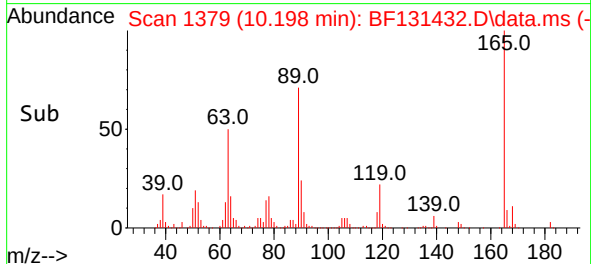
Instrument :
BNA_F
ClientSampleId :
CR-5MS



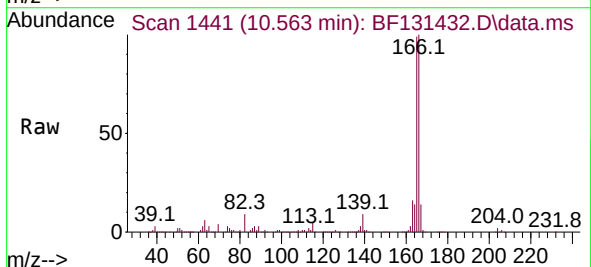
Tgt Ion:165 Resp: 153408
Ion Ratio Lower Upper
165 100
63 49.6 43.4 65.2
89 70.5 64.0 96.0
182 3.1 2.3 3.5

Manual Integrations
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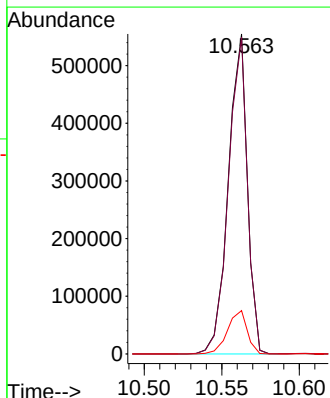
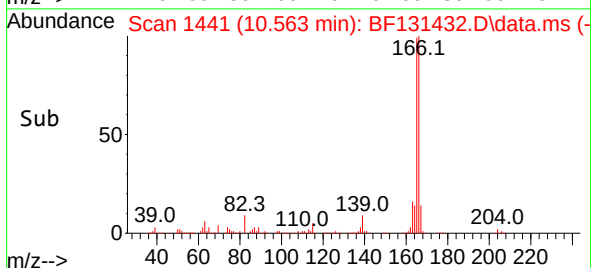
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

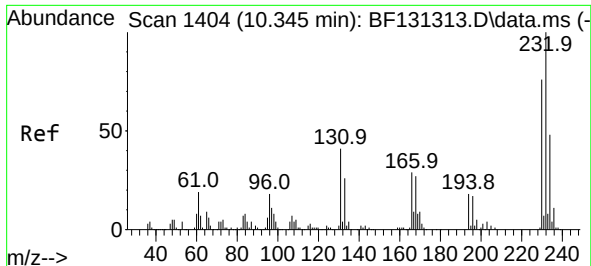


#58
Fluorene
Concen: 42.153 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37



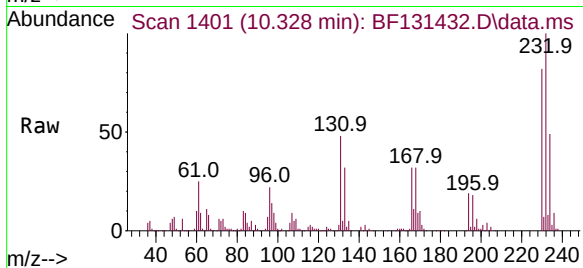
Tgt Ion:166 Resp: 472684
Ion Ratio Lower Upper
166 100
165 99.0 79.0 118.4
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.930 ng
RT: 10.328 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

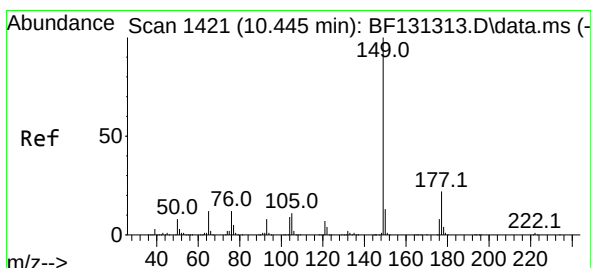
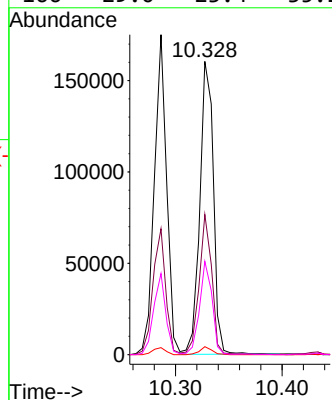
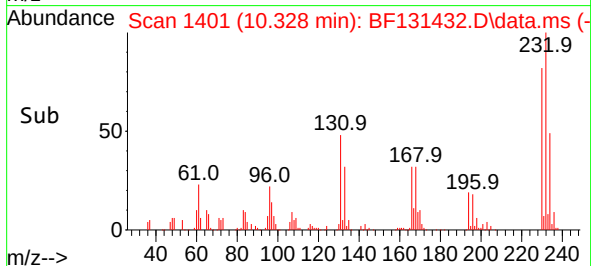
Instrument :
BNA_F
ClientSampleId :
CR-5MS



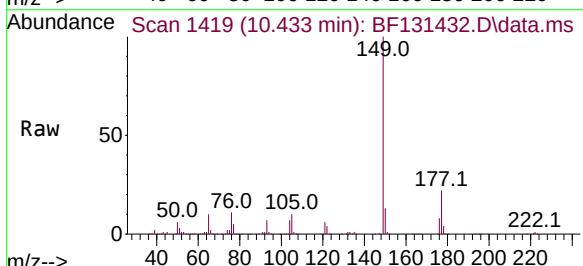
Tgt Ion:232 Resp: 141224
Ion Ratio Lower Upper
232 100
131 44.2 35.2 52.8
130 2.4 1.8 2.8
166 29.0 23.4 35.2

Manual Integrations
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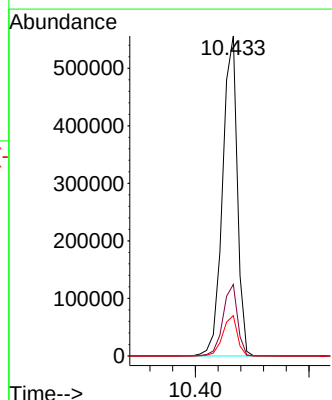
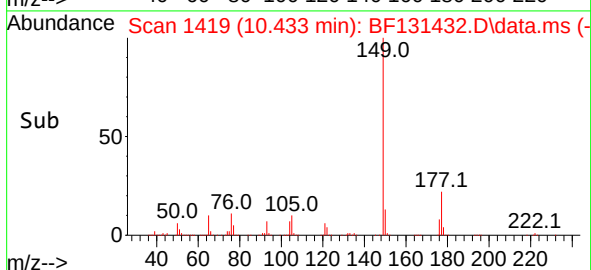
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

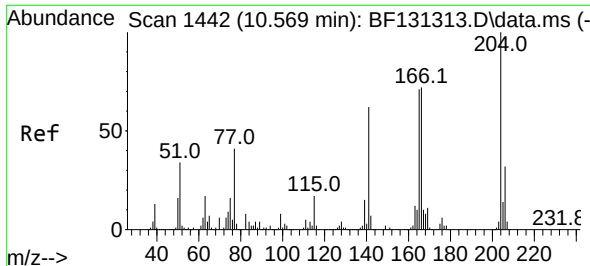


#60
Diethylphthalate
Concen: 44.375 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37



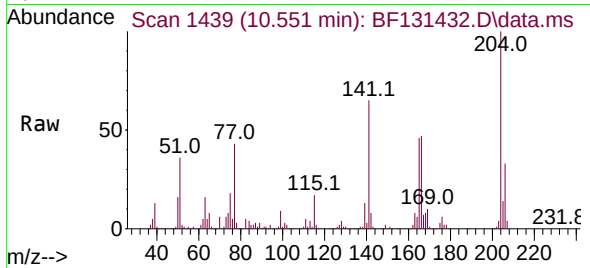
Tgt Ion:149 Resp: 498952
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 43.138 ng
RT: 10.551 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

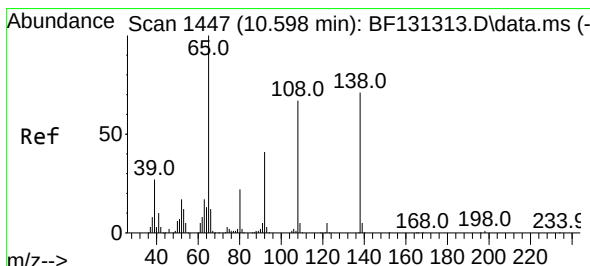
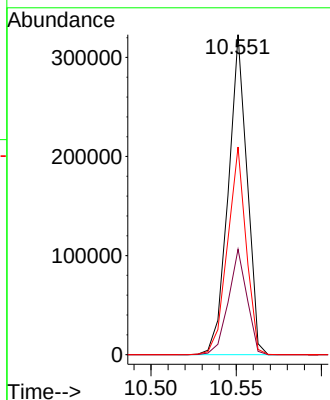
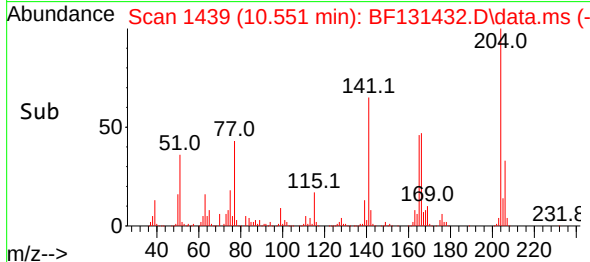
Instrument :
BNA_F
ClientSampleId :
CR-5MS



Tgt Ion:204 Resp: 247979
Ion Ratio Lower Upper
204 100
206 32.9 25.7 38.5
141 64.9 49.2 73.8

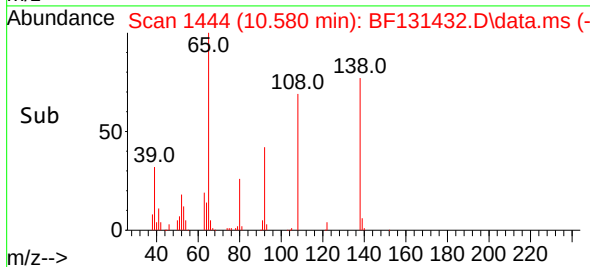
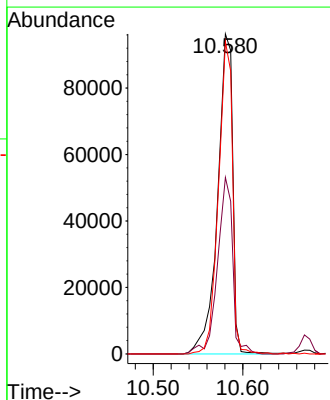
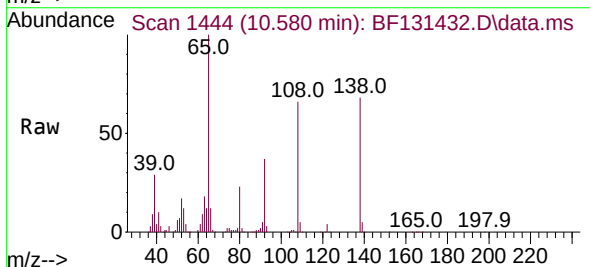
Manual Integrations
APPROVED

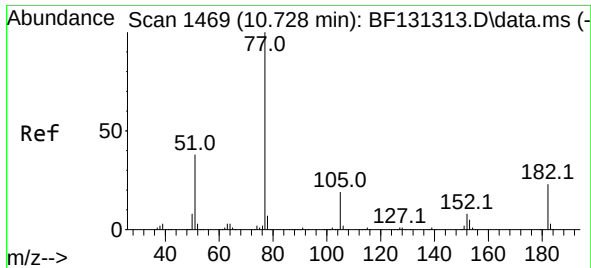
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#62
4-Nitroaniline
Concen: 46.223 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:138 Resp: 112570
Ion Ratio Lower Upper
138 100
92 55.1 37.0 77.0
108 97.6 74.0 114.0





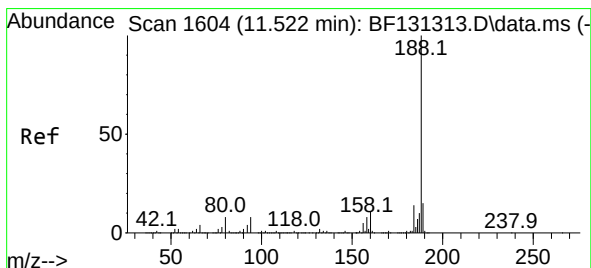
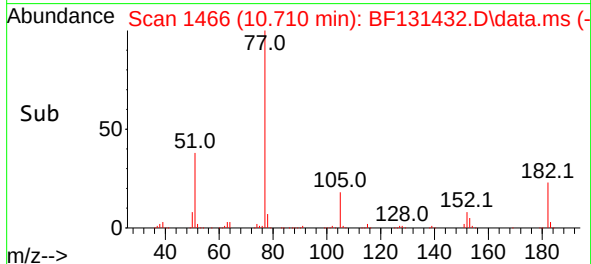
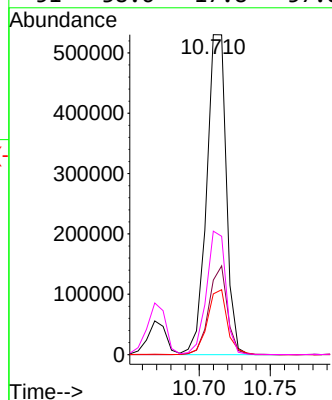
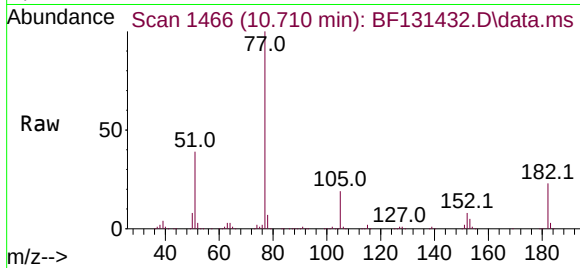
#63
Azobenzene
Concen: 42.126 ng
RT: 10.710 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Instrument :
BNA_F
ClientSampleId :
CR-5MS

Tgt Ion: 77 Resp: 509296
Ion Ratio Lower Upper
77 100
182 23.3 3.1 43.1
105 19.0 0.0 39.2
51 38.6 17.8 57.8

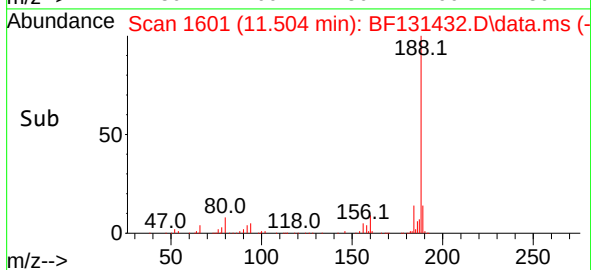
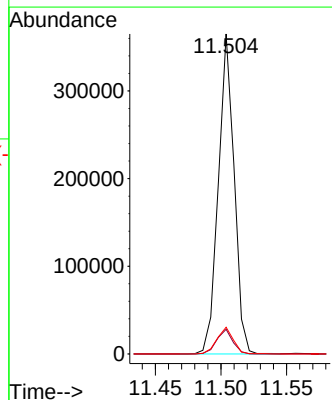
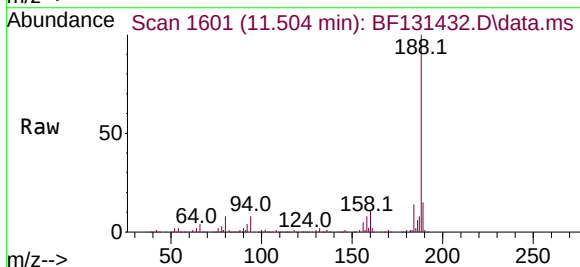
Manual Integrations
APPROVED

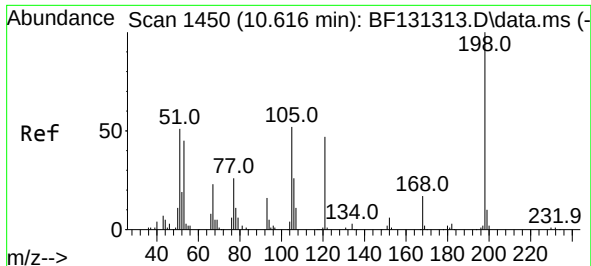
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:188 Resp: 307220
Ion Ratio Lower Upper
188 100
94 7.7 6.3 9.5
80 8.3 6.8 10.2





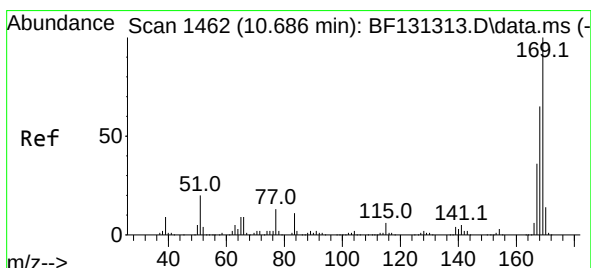
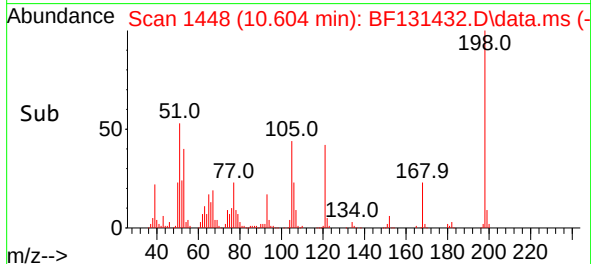
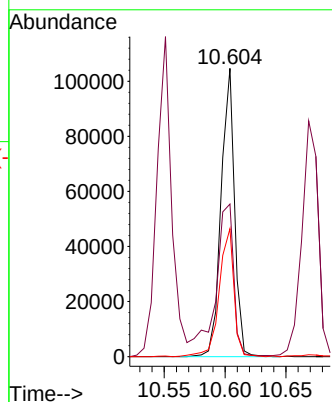
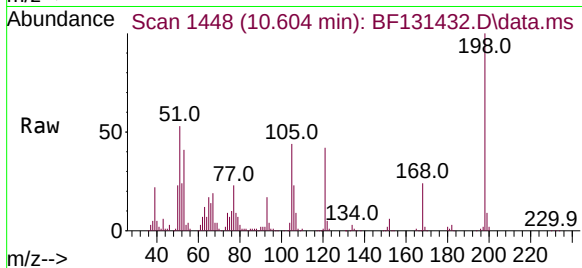
#65
4,6-Dinitro-2-methylphenol
Concen: 57.418 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Instrument :
BNA_F
ClientSampleId :
CR-5MS

Tgt Ion:198 Resp: 80352
Ion Ratio Lower Upper
198 100
51 52.9 50.1 90.1
105 44.4 32.5 72.5

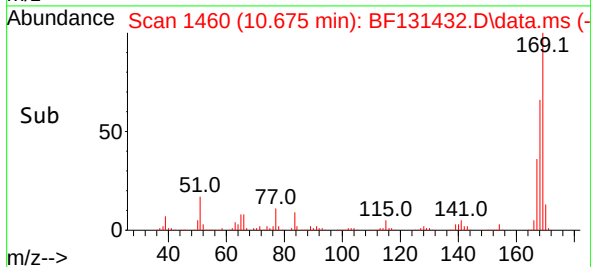
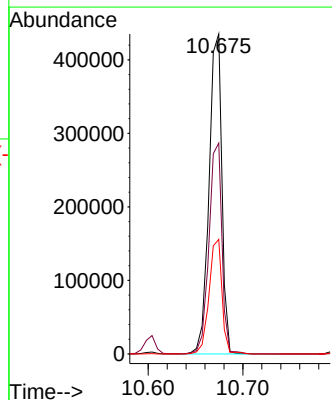
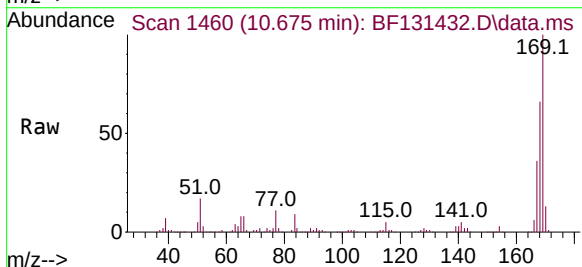
Manual Integrations
APPROVED

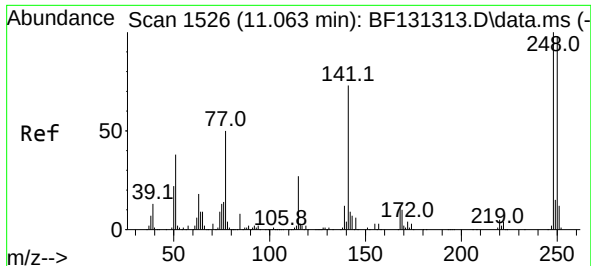
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#66
n-Nitrosodiphenylamine
Concen: 41.989 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

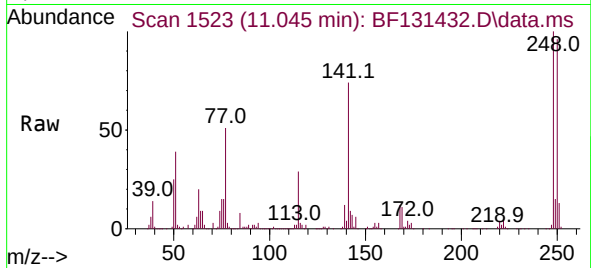
Tgt Ion:169 Resp: 411052
Ion Ratio Lower Upper
169 100
168 65.9 52.4 78.6
167 35.8 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.620 ng
RT: 11.045 min Scan# 1523
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

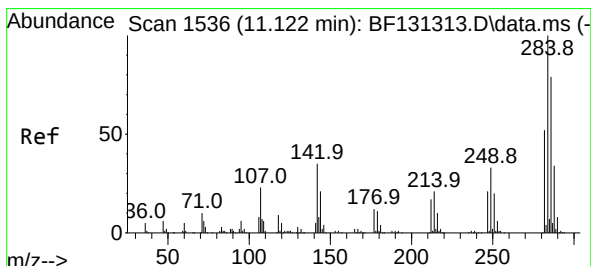
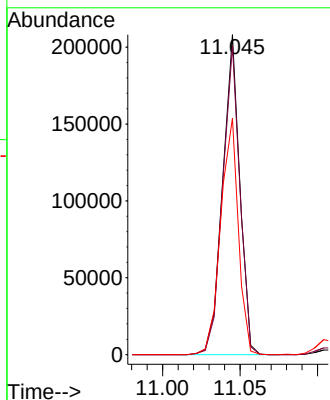
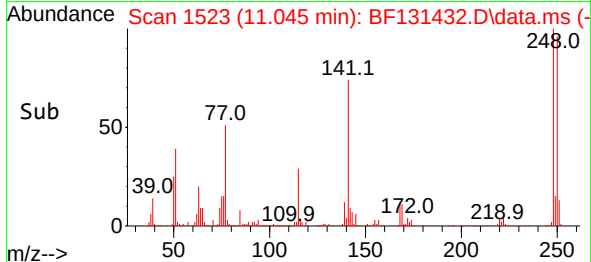
Instrument :
BNA_F
ClientSampleId :
CR-5MS



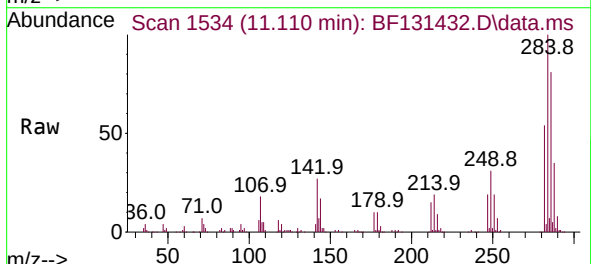
Tgt Ion:248 Resp: 160480
Ion Ratio Lower Upper
248 100
250 96.5 78.3 117.5
141 73.9 58.0 87.0

Manual Integrations
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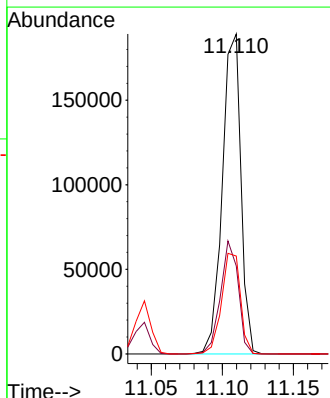
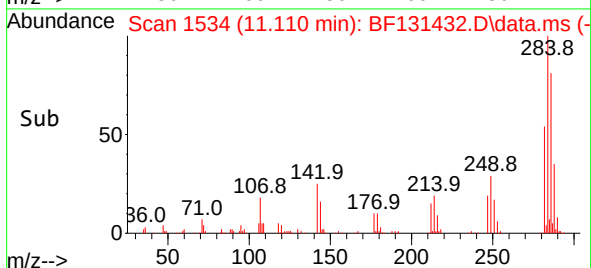
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

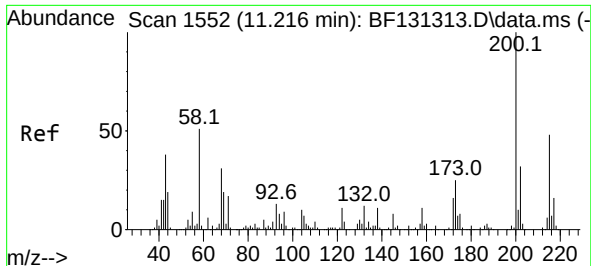


#68
Hexachlorobenzene
Concen: 43.181 ng
RT: 11.110 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37



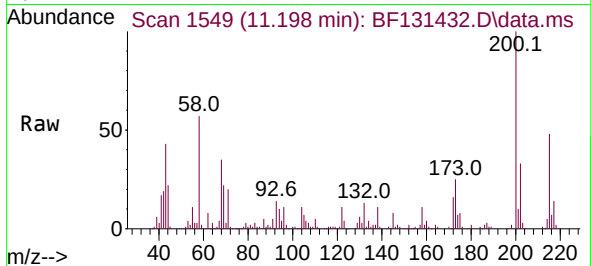
Tgt Ion:284 Resp: 172567
Ion Ratio Lower Upper
284 100
142 27.5 28.4 42.6#
249 30.6 26.5 39.7





#69
 Atrazine
 Concen: 49.987 ng
 RT: 11.198 min Scan# 1549
 Delta R.T. -0.006 min
 Lab File: BF131432.D
 Acq: 28 Nov 2022 16:37

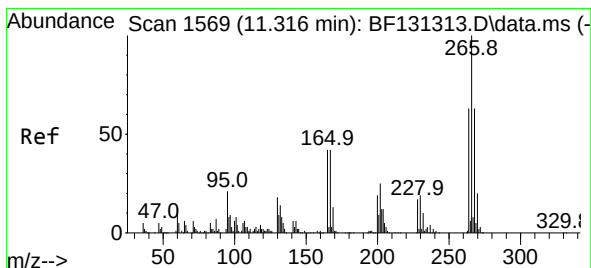
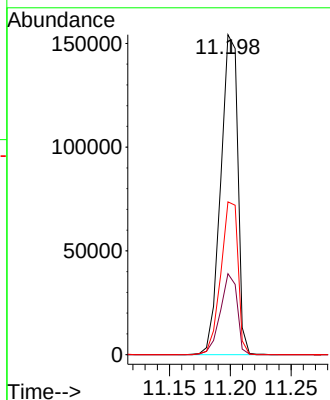
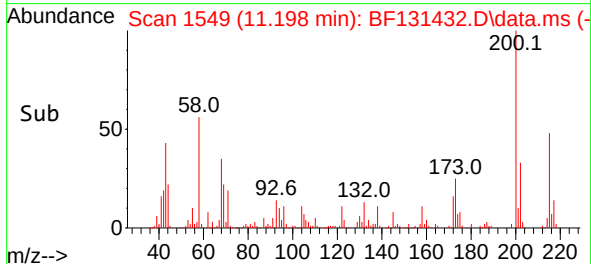
Instrument :
 BNA_F
 ClientSampleId :
 CR-5MS



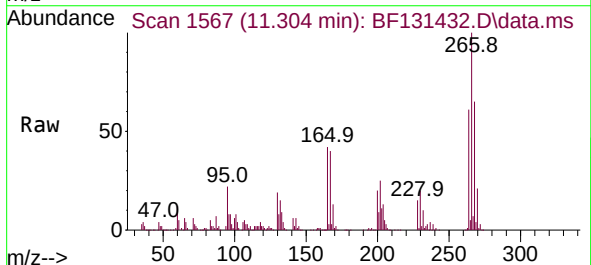
Tgt Ion:200 Resp: 150665
 Ion Ratio Lower Upper
 200 100
 173 25.3 5.2 45.2
 215 47.7 28.3 68.3

Manual Integrations
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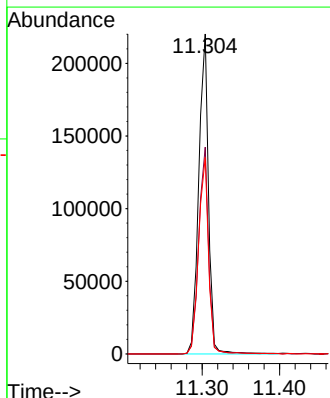
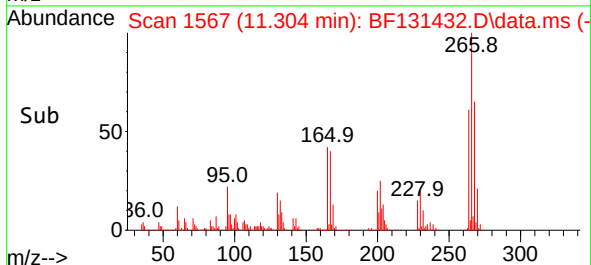
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022

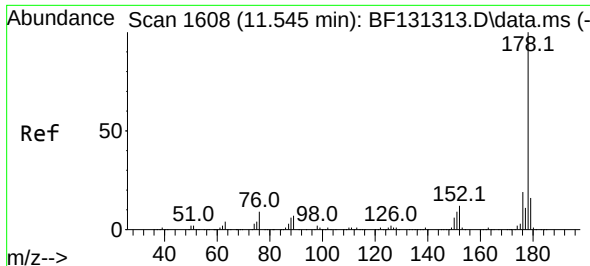


#70
 Pentachlorophenol
 Concen: 82.408 ng
 RT: 11.304 min Scan# 1567
 Delta R.T. -0.000 min
 Lab File: BF131432.D
 Acq: 28 Nov 2022 16:37



Tgt Ion:266 Resp: 191725
 Ion Ratio Lower Upper
 266 100
 268 64.6 50.6 75.8
 264 61.4 50.4 75.6





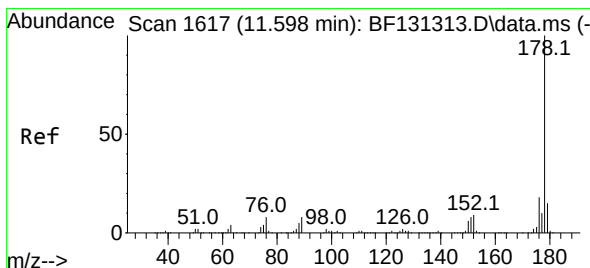
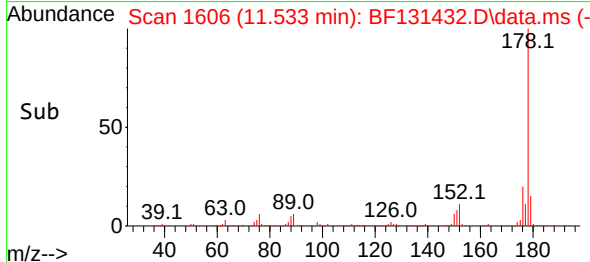
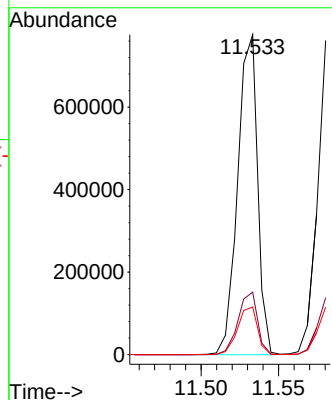
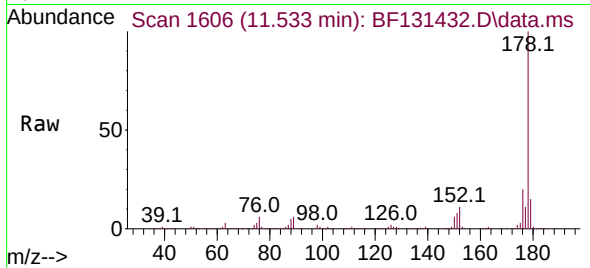
#71
Phenanthrene
Concen: 42.008 ng
RT: 11.533 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Instrument :
BNA_F
ClientSampleId :
CR-5MS

Tgt Ion:178 Resp: 697459
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 14.9 12.4 18.6

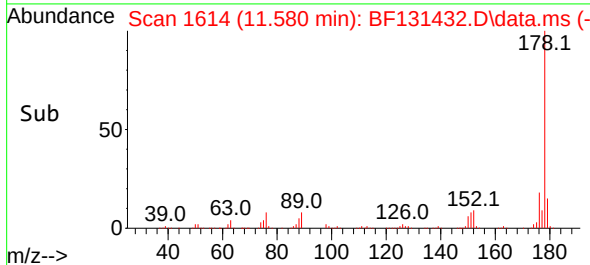
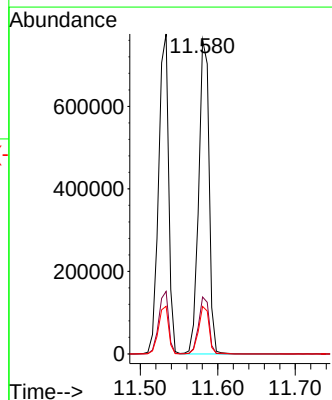
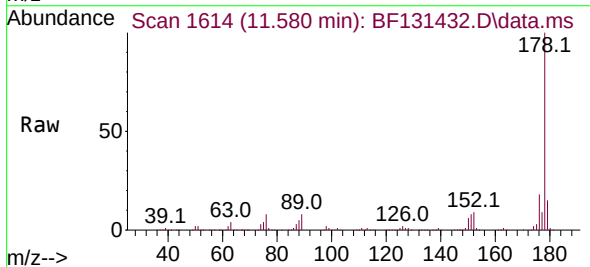
Manual Integrations
APPROVED

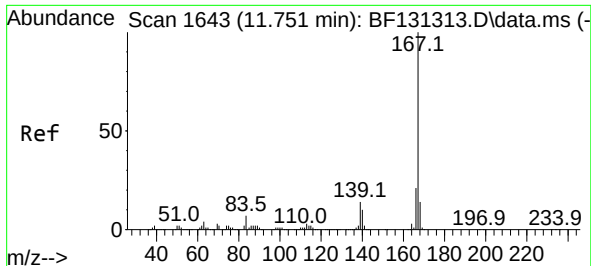
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#72
Anthracene
Concen: 43.488 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

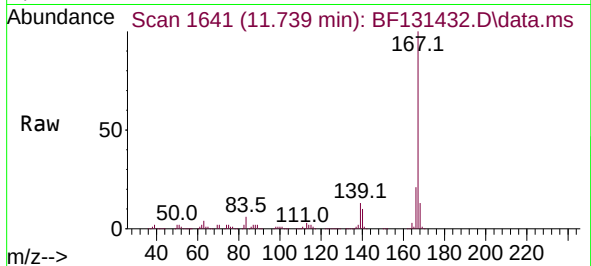
Tgt Ion:178 Resp: 709591
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 15.1 12.2 18.4





#73
 Carbazole
 Concen: 43.178 ng
 RT: 11.739 min Scan# 1641
 Delta R.T. -0.000 min
 Lab File: BF131432.D
 Acq: 28 Nov 2022 16:37

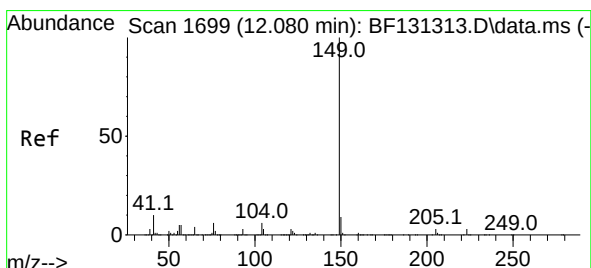
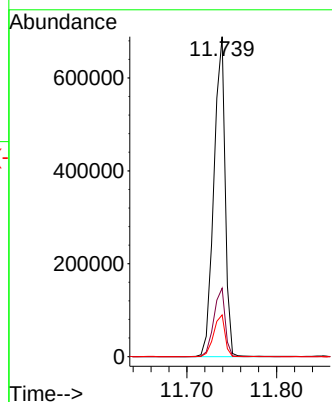
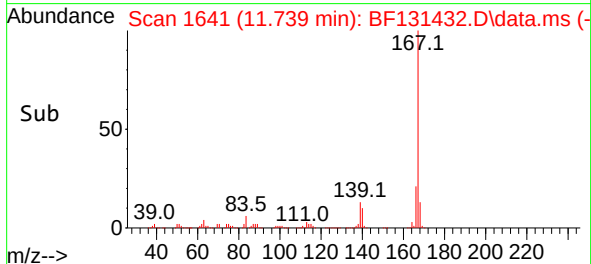
Instrument :
 BNA_F
 ClientSampleId :
 CR-5MS



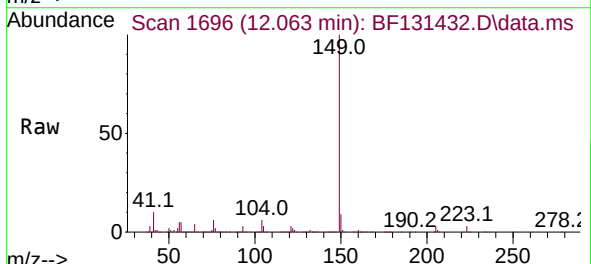
Tgt Ion:167 Resp: 600983
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 13.0 10.8 16.2

Manual Integrations
 APPROVED

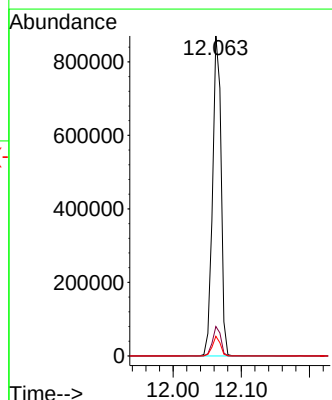
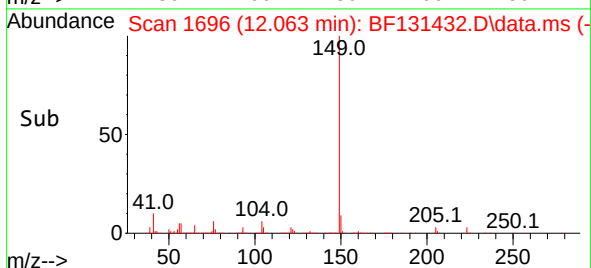
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022

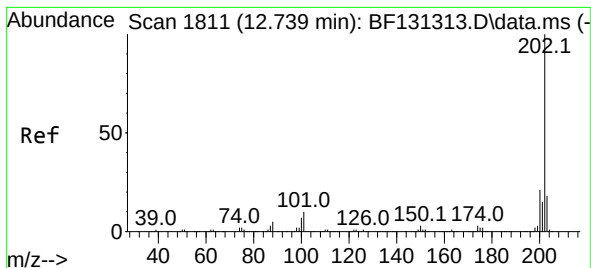


#74
 Di-n-butylphthalate
 Concen: 45.880 ng
 RT: 12.063 min Scan# 1696
 Delta R.T. -0.006 min
 Lab File: BF131432.D
 Acq: 28 Nov 2022 16:37



Tgt Ion:149 Resp: 752479
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 6.1 4.7 7.1





#75

Fluoranthene

Concen: 41.813 ng

RT: 12.727 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

Tgt Ion:202 Resp: 731542

Ion Ratio Lower Upper

202 100

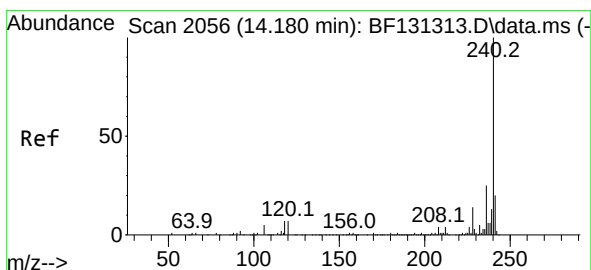
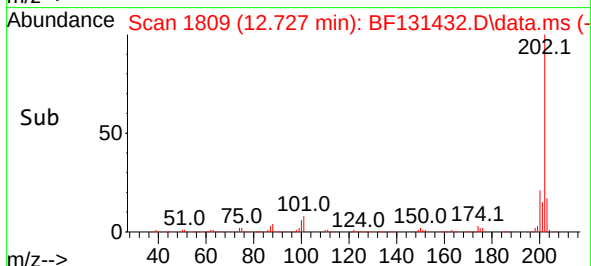
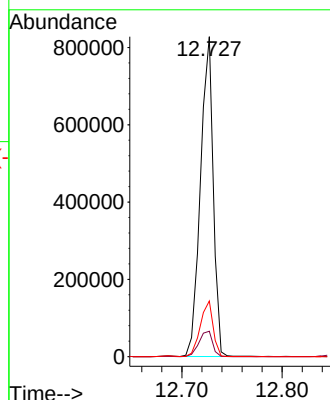
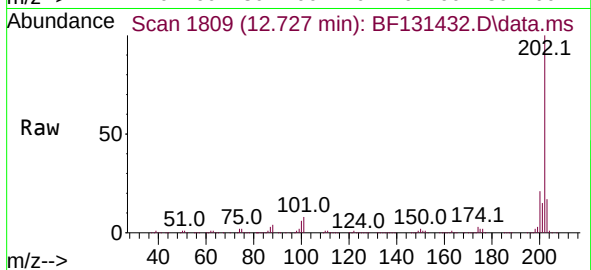
101 7.9 0.0 29.6

203 17.4 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.163 min Scan# 2053

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

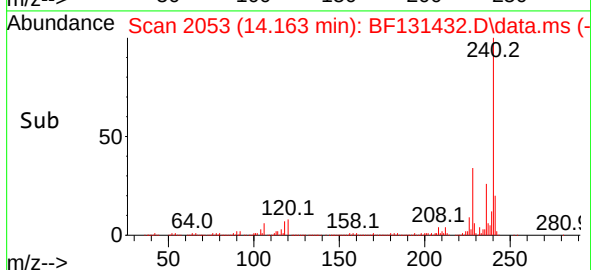
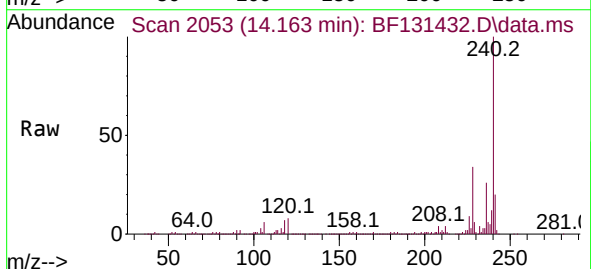
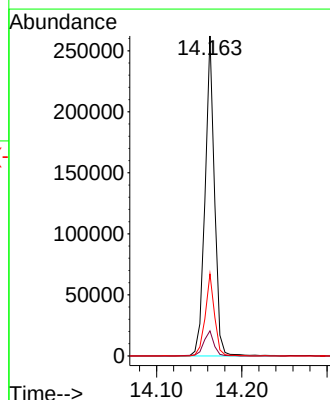
Tgt Ion:240 Resp: 200781

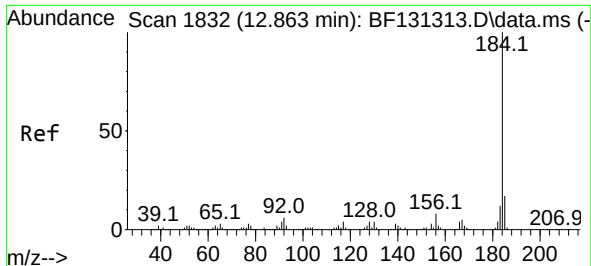
Ion Ratio Lower Upper

240 100

120 7.8 5.8 8.8

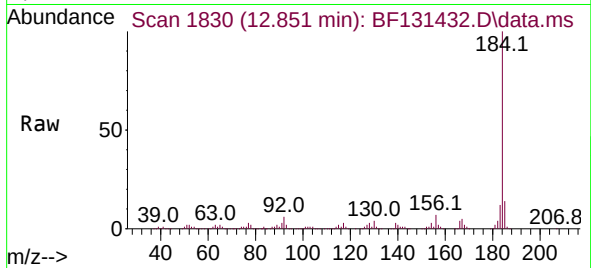
236 25.6 20.3 30.5





#77
Benzidine
Concen: 94.774 ng
RT: 12.851 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

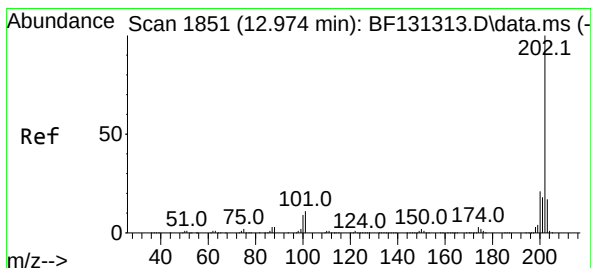
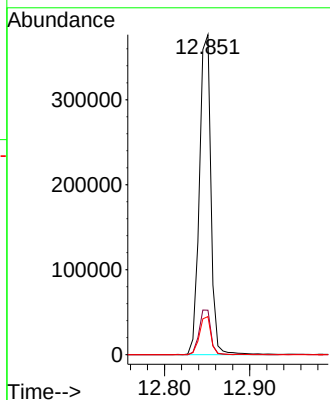
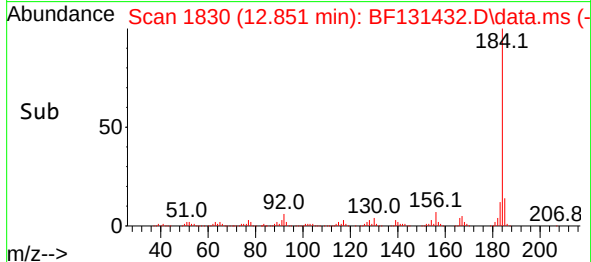
Instrument :
BNA_F
ClientSampleId :
CR-5MS



Tgt Ion:184 Resp: 351486
Ion Ratio Lower Upper
184 100
185 13.9 13.8 20.8
183 11.9 9.6 14.4

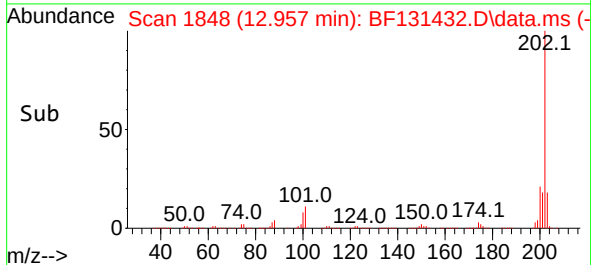
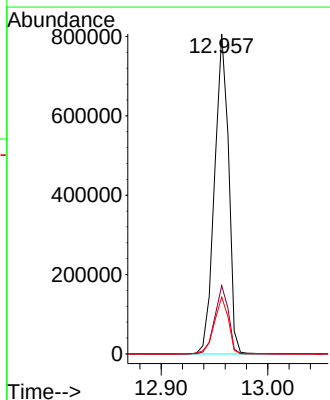
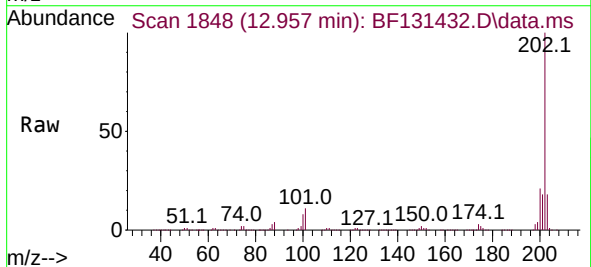
Manual Integrations
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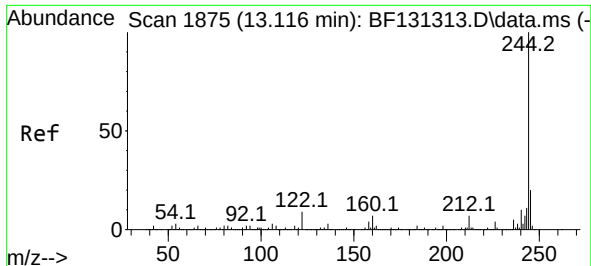
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#78
Pyrene
Concen: 41.692 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

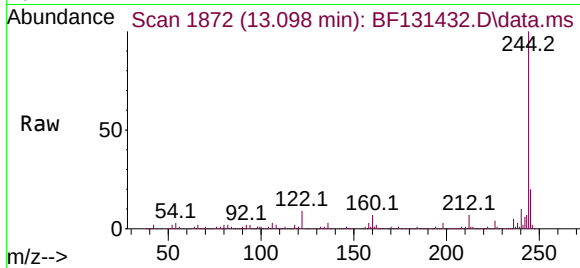
Tgt Ion:202 Resp: 738568
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.8 13.9 20.9





#79
 Terphenyl-d14
 Concen: 74.829 ng
 RT: 13.098 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131432.D
 Acq: 28 Nov 2022 16:37

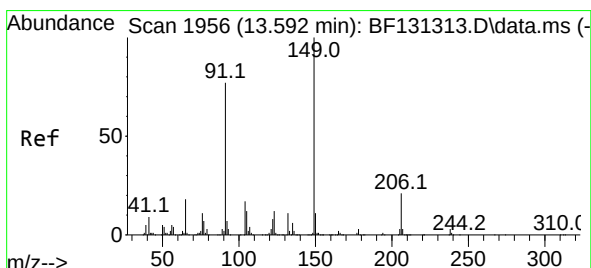
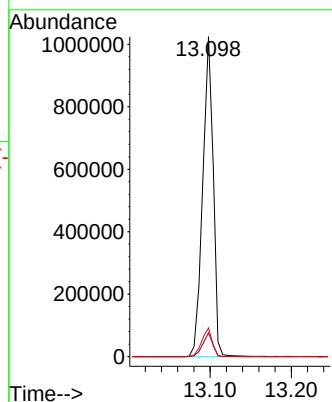
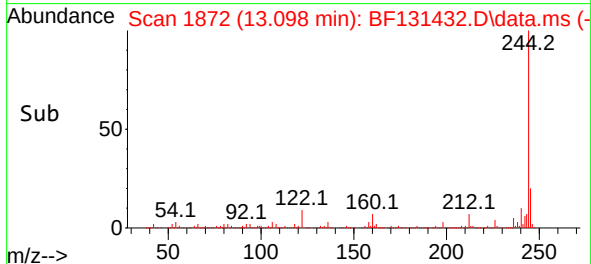
Instrument :
 BNA_F
 ClientSampleId :
 CR-5MS



Tgt Ion:244 Resp: 918762
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 8.9 7.5 11.3

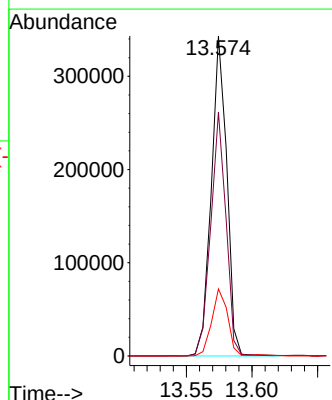
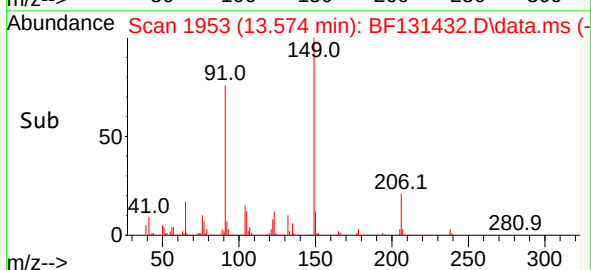
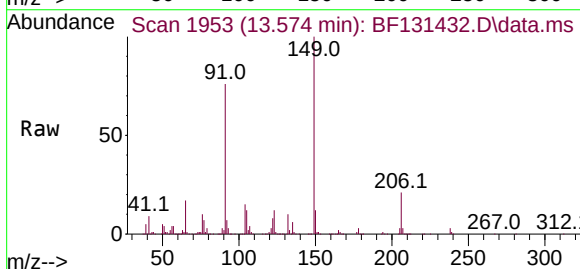
Manual Integrations
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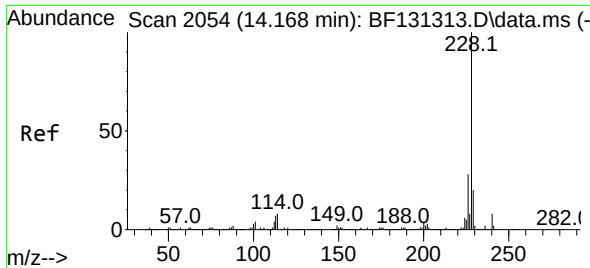
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022



#80
 Butylbenzylphthalate
 Concen: 47.502 ng
 RT: 13.574 min Scan# 1953
 Delta R.T. -0.006 min
 Lab File: BF131432.D
 Acq: 28 Nov 2022 16:37

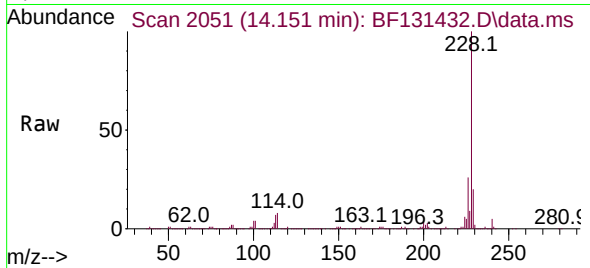
Tgt Ion:149 Resp: 282821
 Ion Ratio Lower Upper
 149 100
 91 76.2 61.9 92.9
 206 20.9 16.5 24.7





#81
Benzo(a)anthracene
Concen: 42.165 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

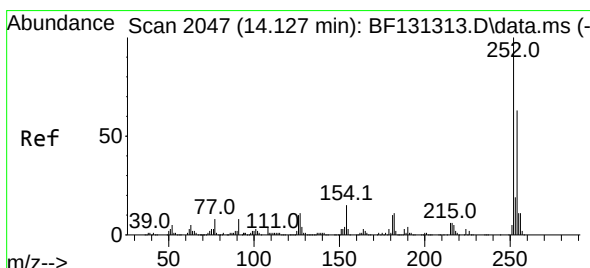
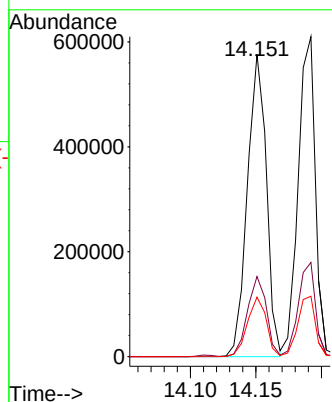
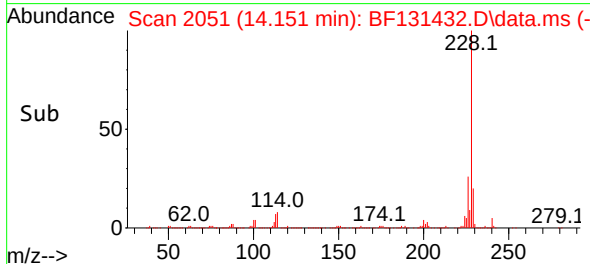
Instrument :
BNA_F
ClientSampleId :
CR-5MS



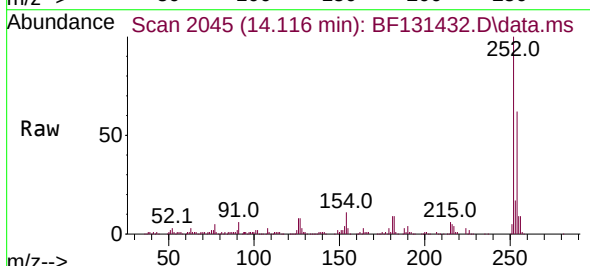
Tgt Ion:228 Resp: 580302
Ion Ratio Lower Upper
228 100
226 26.5 22.0 33.0
229 19.6 15.7 23.5

Manual Integrations
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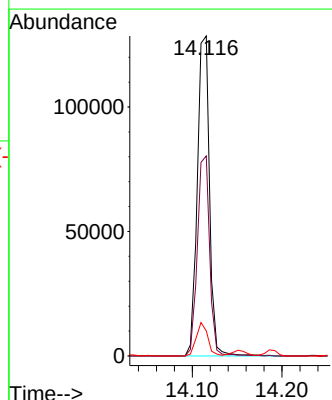
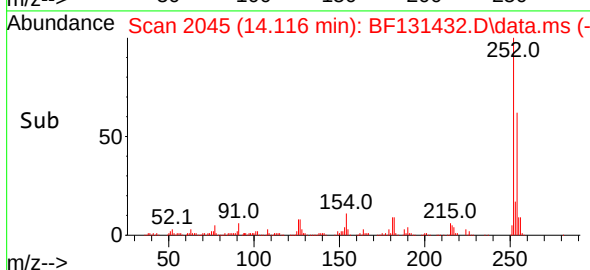
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

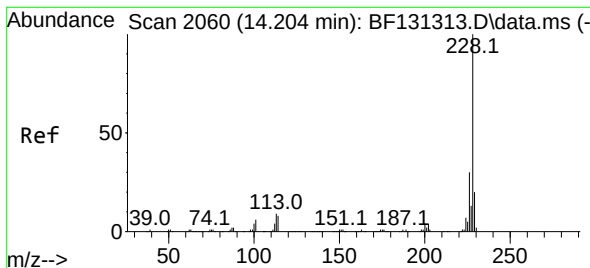


#82
3,3'-Dichlorobenzidine
Concen: 33.201 ng
RT: 14.116 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37



Tgt Ion:252 Resp: 121251
Ion Ratio Lower Upper
252 100
254 62.5 50.8 76.2
126 7.9 8.3 12.5





#83

Chrysene

Concen: 41.855 ng

RT: 14.192 min Scan# 2058

Delta R.T. -0.000 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

Tgt Ion:228 Resp: 565148

Ion Ratio Lower Upper

228 100

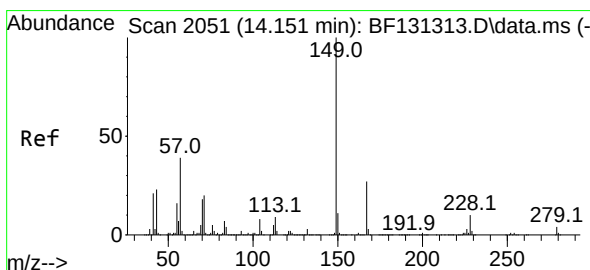
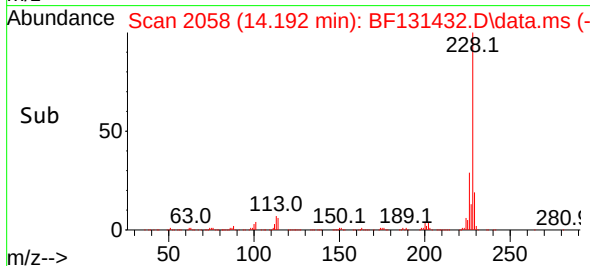
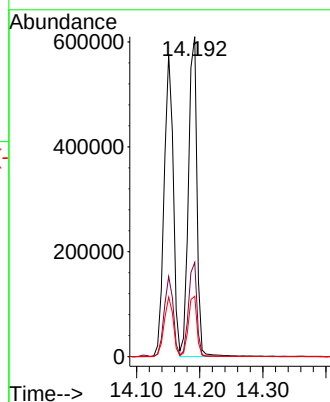
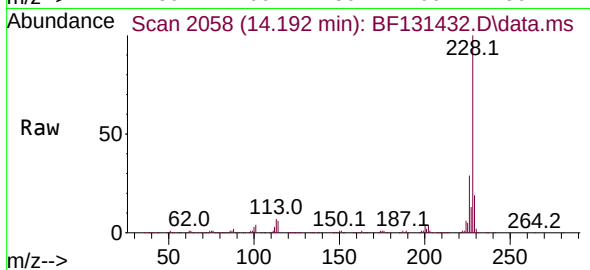
226 29.4 23.7 35.5

229 18.9 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.777 ng

RT: 14.133 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BF131432.D

Acq: 28 Nov 2022 16:37

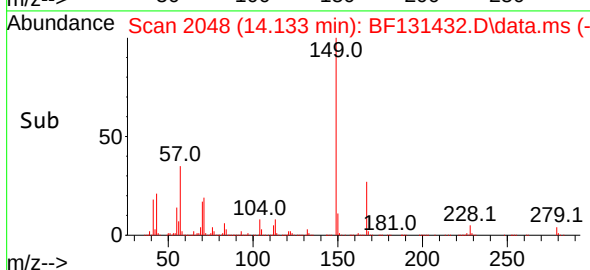
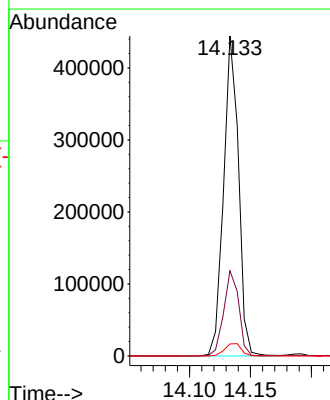
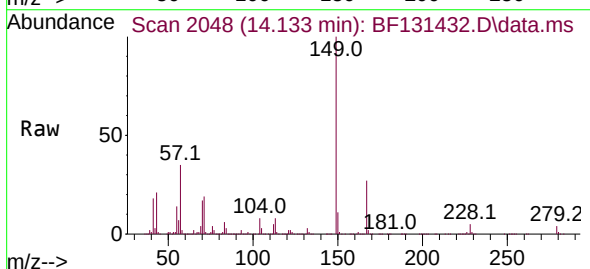
Tgt Ion:149 Resp: 377725

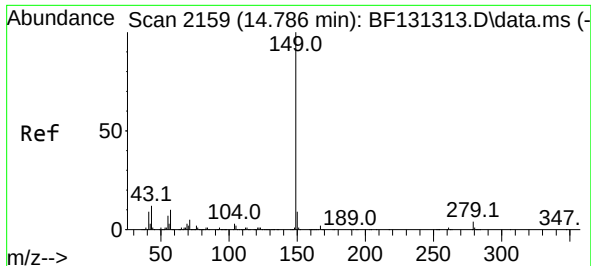
Ion Ratio Lower Upper

149 100

167 26.6 21.9 32.9

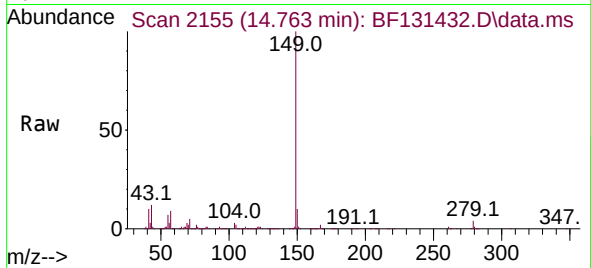
279 3.7 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 51.485 ng
RT: 14.763 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

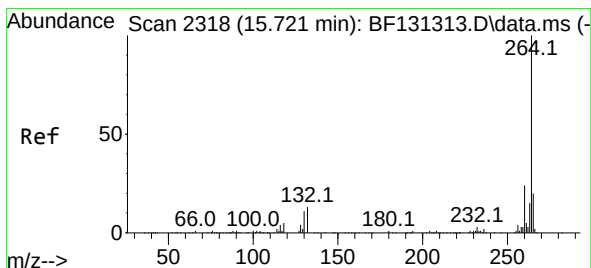
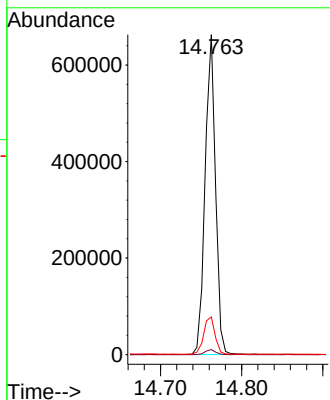
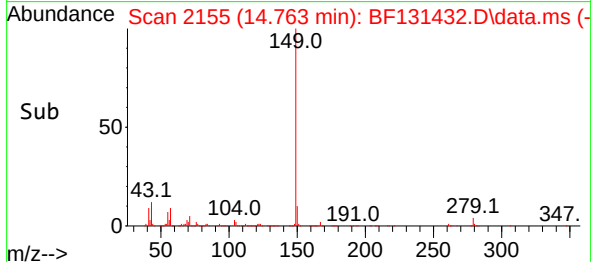
Instrument :
BNA_F
ClientSampleId :
CR-5MS



Tgt Ion:149 Resp: 591696
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.6 10.7 16.1

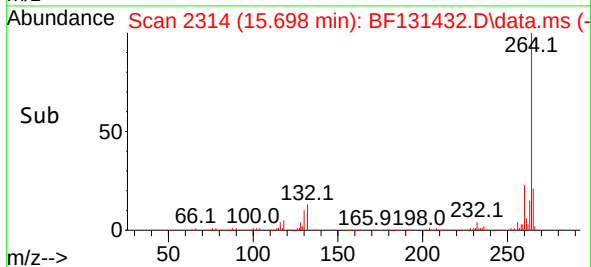
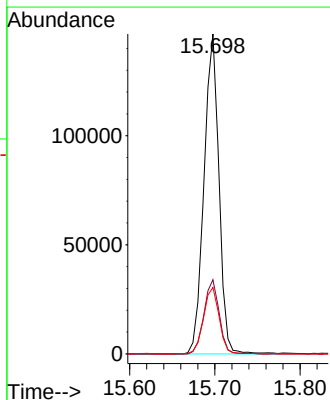
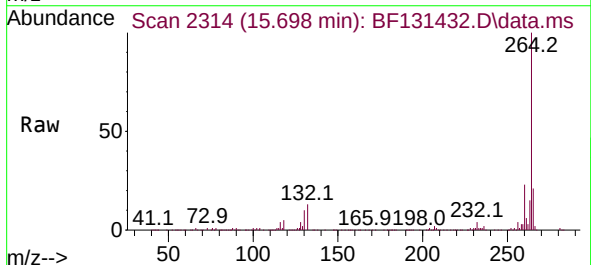
Manual Integrations
APPROVED

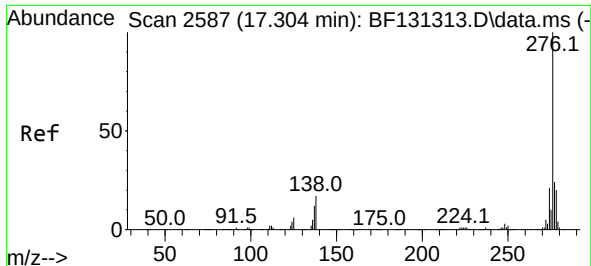
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.698 min Scan# 2314
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:264 Resp: 178863
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 20.8 16.4 24.6





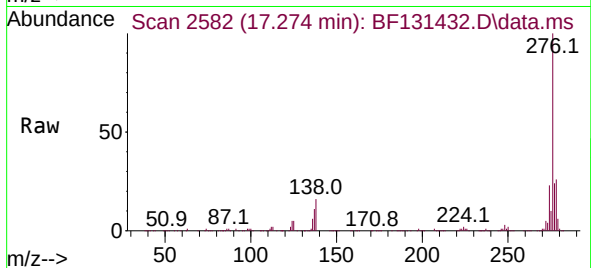
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.930 ng
RT: 17.274 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Instrument :

BNA_F

ClientSampleId :

CR-5MS

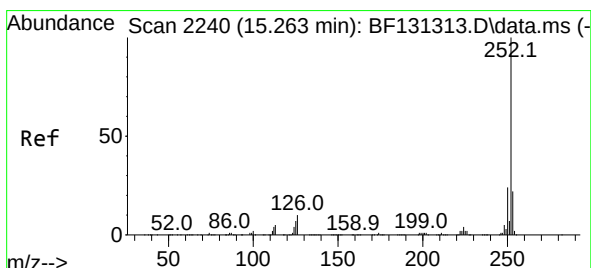
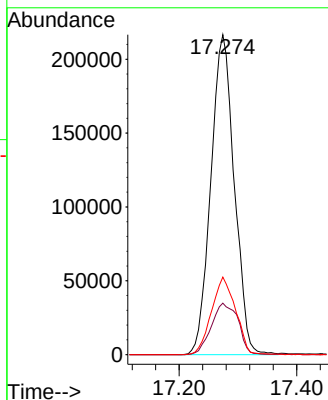
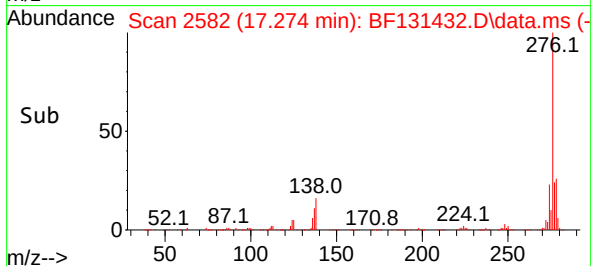


Tgt Ion:276 Resp: 599820
Ion Ratio Lower Upper
276 100
138 18.3 15.8 23.6
277 25.0 20.3 30.5

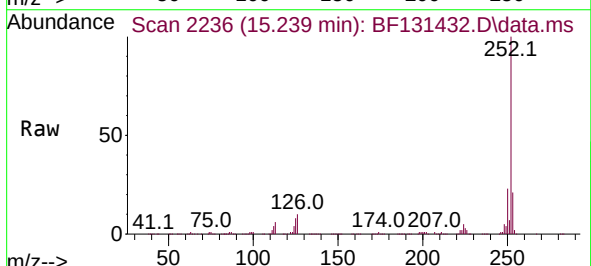
Manual Integrations

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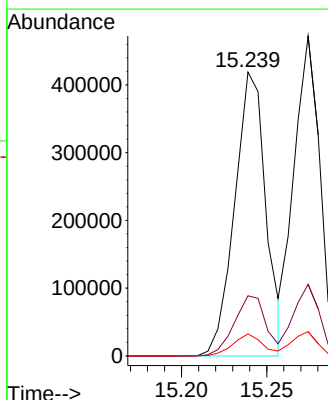
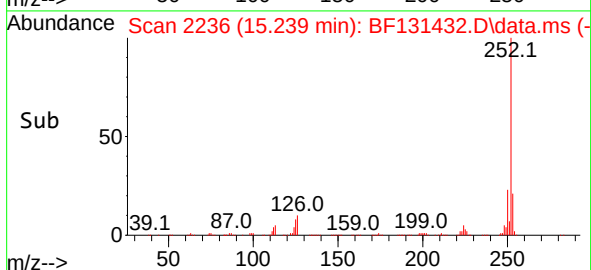
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

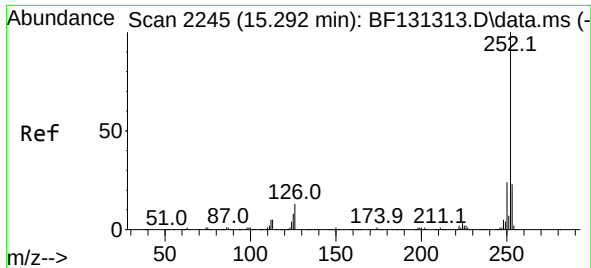


#88
Benzo(b)fluoranthene
Concen: 44.892 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37



Tgt Ion:252 Resp: 533413
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 7.7 5.8 8.6





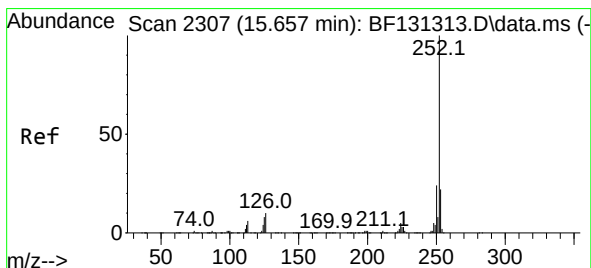
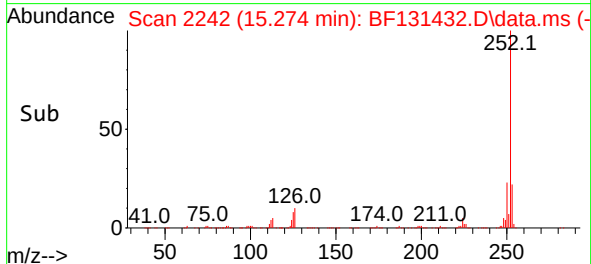
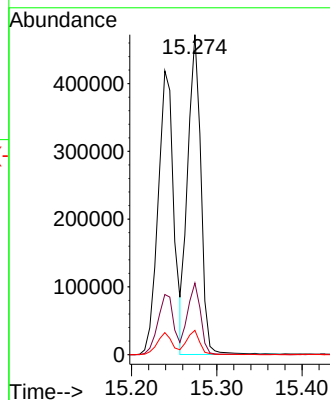
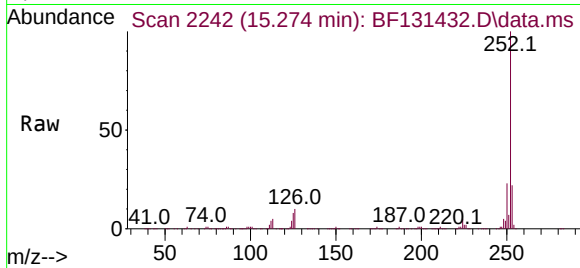
#89
Benzo(k)fluoranthene
Concen: 41.445 ng
RT: 15.274 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Instrument :
BNA_F
ClientSampleId :
CR-5MS

Tgt Ion:252 Resp: 506078
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 7.6 6.6 10.0

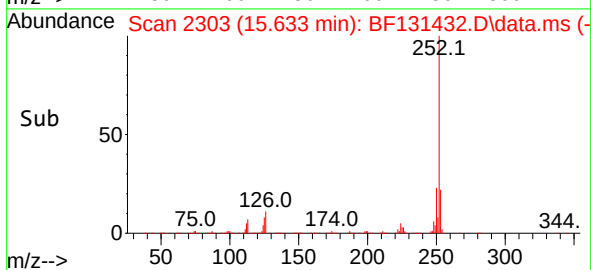
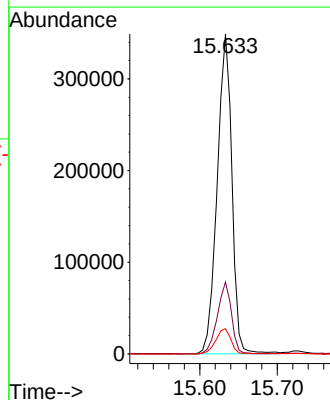
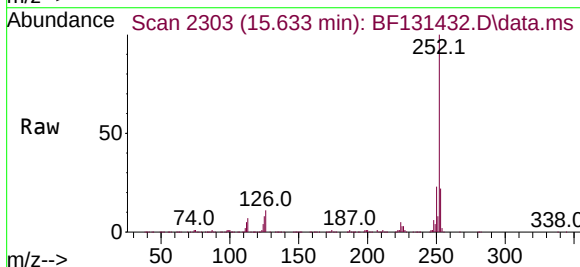
Manual Integrations
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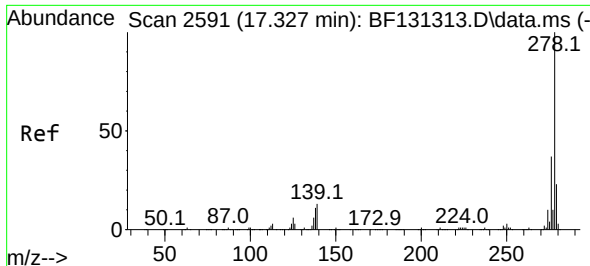
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#90
Benzo(a)pyrene
Concen: 47.079 ng
RT: 15.633 min Scan# 2303
Delta R.T. -0.006 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:252 Resp: 459009
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 7.9 6.1 9.1





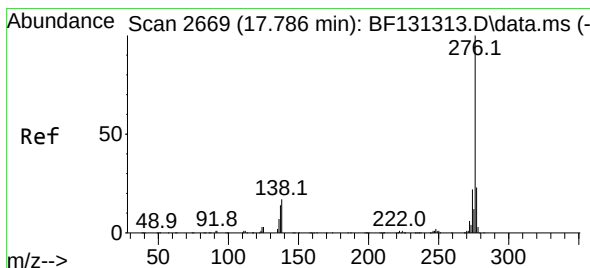
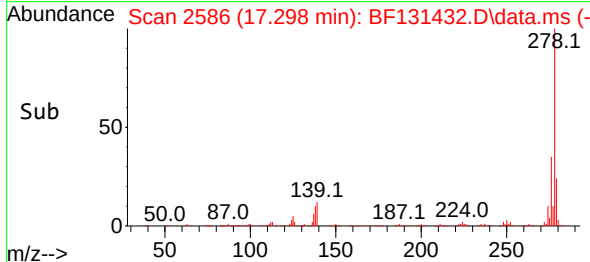
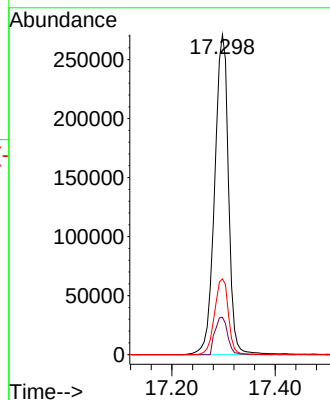
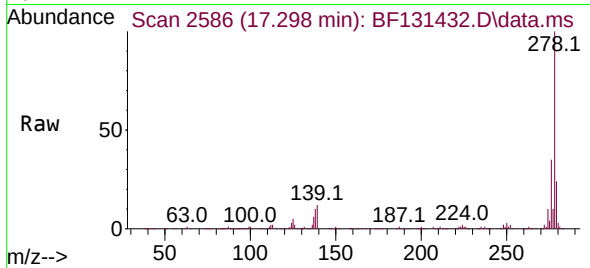
#91
Dibenzo(a,h)anthracene
Concen: 50.756 ng
RT: 17.298 min Scan# 2586
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Instrument :
BNA_F
ClientSampleId :
CR-5MS

Tgt Ion:278 Resp: 503409
Ion Ratio Lower Upper
278 100
139 11.7 10.4 15.6
279 23.7 18.3 27.5

Manual Integrations
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Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#92
Benzo(g,h,i)perylene
Concen: 51.273 ng
RT: 17.756 min Scan# 2664
Delta R.T. -0.000 min
Lab File: BF131432.D
Acq: 28 Nov 2022 16:37

Tgt Ion:276 Resp: 507554
Ion Ratio Lower Upper
276 100
277 24.5 18.3 27.5
138 16.3 13.8 20.6

