

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131674.D
 Acq On : 16 Dec 2022 19:17
 Operator : CG\JU
 Sample : N6037-11MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-22-(8-10)MSD

Quant Time: Dec 17 03:57:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	62409	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	219508	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	124355	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	251518	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	161517	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	149384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	451584	120.715	ng	0.00
7) Phenol-d6	6.516	99	607905	124.007	ng	0.00
23) Nitrobenzene-d5	7.451	82	410442	70.692	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	164789	119.272	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	664639	67.390	ng	0.00
79) Terphenyl-d14	13.021	244	803553	68.228	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	80450	47.644	ng	96
3) Pyridine	3.416	79	216703	46.225	ng	94
4) n-Nitrosodimethylamine	3.387	42	107997	41.771	ng	# 85
6) Aniline	6.539	93	182751	31.171	ng	98
8) 2-Chlorophenol	6.663	128	190012	47.930	ng	96
9) Benzaldehyde	6.434	77	166769	49.659	ng	97
10) Phenol	6.528	94	269737m	49.329	ng	
11) bis(2-Chloroethyl)ether	6.616	93	198906	48.527	ng	96
12) 1,3-Dichlorobenzene	6.822	146	207219	45.084	ng	96
13) 1,4-Dichlorobenzene	6.898	146	211641	45.650	ng	97
14) 1,2-Dichlorobenzene	7.051	146	201906	45.590	ng	97
15) Benzyl Alcohol	7.028	79	205677	45.765	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.157	45	247380	46.722	ng	98
17) 2-Methylphenol	7.139	107	170425	47.700	ng	96
18) Hexachloroethane	7.392	117	82132	43.916	ng	92
19) n-Nitroso-di-n-propyla...	7.292	70	155212	42.225	ng	98
20) 3+4-Methylphenols	7.292	107	217181	44.628	ng	# 72
22) Acetophenone	7.292	105	303363	44.101	ng	# 96
24) Nitrobenzene	7.469	77	252794	43.169	ng	94
25) Isophorone	7.704	82	433684	46.373	ng	98
26) 2-Nitrophenol	7.786	139	100720	50.436	ng	86
27) 2,4-Dimethylphenol	7.822	122	167630	54.766	ng	96
28) bis(2-Chloroethoxy)met...	7.916	93	238896	49.380	ng	100
29) 2,4-Dichlorophenol	8.028	162	167137	44.162	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	198718	42.815	ng	99
31) Naphthalene	8.192	128	535501	43.313	ng	100
32) Benzoic acid	7.945	122	96888	43.708	ng	98
33) 4-Chloroaniline	8.239	127	54874	11.841	ng	99
34) Hexachlorobutadiene	8.304	225	128601	39.315	ng	99
35) Caprolactam	8.616	113	50888m	51.979	ng	
36) 4-Chloro-3-methylphenol	8.728	107	193222	45.466	ng	100
37) 2-Methylnaphthalene	8.886	142	361390	42.742	ng	99
38) 1-Methylnaphthalene	8.986	142	331045	40.786	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	206160	44.785	ng	99
41) Hexachlorocyclopentadiene	9.033	237	228337	97.725	ng	96
43) 2,4,6-Trichlorophenol	9.169	196	130163	45.714	ng	99

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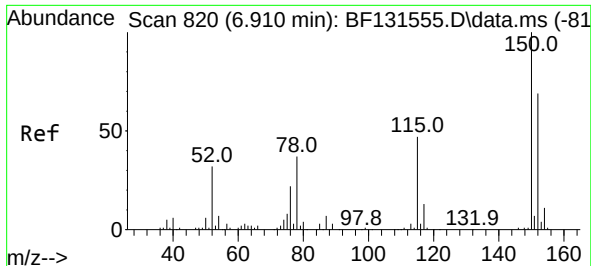
Quant Time: Dec 17 03:57:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
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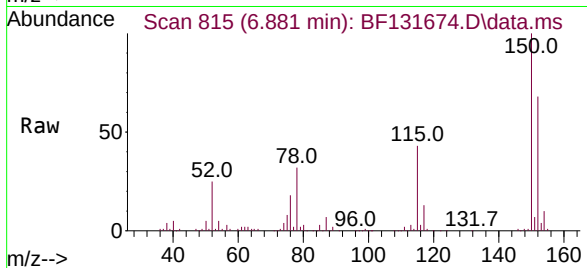
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	136776	44.667	ng	99
46) 1,1'-Biphenyl	9.351	154	454314	46.207	ng	99
47) 2-Chloronaphthalene	9.380	162	363418	45.367	ng	99
48) 2-Nitroaniline	9.480	65	130887	46.124	ng	89
49) Acenaphthylene	9.798	152	546685	46.479	ng	99
50) Dimethylphthalate	9.657	163	427477	45.093	ng	99
51) 2,6-Dinitrotoluene	9.722	165	92711	47.372	ng	# 83
52) Acenaphthene	9.969	154	395487m	50.191	ng	
53) 3-Nitroaniline	9.892	138	42006	22.371	ng	97
54) 2,4-Dinitrophenol	9.998	184	101528	90.080	ng	91
55) Dibenzofuran	10.145	168	501642	45.057	ng	97
56) 4-Nitrophenol	10.063	139	143284	109.844	ng	# 77
57) 2,4-Dinitrotoluene	10.127	165	129318	49.812	ng	98
58) Fluorene	10.486	166	398298	44.006	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	113680m	43.841	ng	
60) Diethylphthalate	10.363	149	399503	43.915	ng	97
61) 4-Chlorophenyl-phenyle...	10.480	204	216252	43.235	ng	94
62) 4-Nitroaniline	10.516	138	91094	48.956	ng	# 86
63) Azobenzene	10.639	77	459749	44.310	ng	96
65) 4,6-Dinitro-2-methylph...	10.539	198	73650	46.232	ng	77
66) n-Nitrosodiphenylamine	10.598	169	340003	41.814	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	129483	40.018	ng	93
68) Hexachlorobenzene	11.033	284	142129	40.610	ng	# 91
69) Atrazine	11.127	200	129757	50.251	ng	98
70) Pentachlorophenol	11.233	266	151112	83.870	ng	99
71) Phenanthrene	11.457	178	595714	42.492	ng	99
72) Anthracene	11.510	178	609751	44.705	ng	100
73) Carbazole	11.663	167	542228	48.704	ng	100
74) Di-n-butylphthalate	11.992	149	631359	46.225	ng	99
75) Fluoranthene	12.651	202	690262	47.815	ng	99
77) Benzidine	12.774	184	280984	64.927	ng	99
78) Pyrene	12.880	202	706443	44.357	ng	99
80) Butylbenzylphthalate	13.498	149	269604	58.495	ng	99
81) Benzo(a)anthracene	14.074	228	529349	45.383	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	63398	19.104	ng	98
83) Chrysene	14.110	228	499485	45.043	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	358224	56.479	ng	98
85) Di-n-octyl phthalate	14.674	149	519813	50.249	ng	98
87) Indeno(1,2,3-cd)pyrene	17.115	276	526935	43.222	ng	98
88) Benzo(b)fluoranthene	15.145	252	446166	45.316	ng	99
89) Benzo(k)fluoranthene	15.174	252	444640m	43.268	ng	
90) Benzo(a)pyrene	15.521	252	397314	47.286	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	440522	43.904	ng	100
92) Benzo(g,h,i)perylene	17.580	276	424370	42.083	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131674.D
 Acq: 16 Dec 2022 19:17

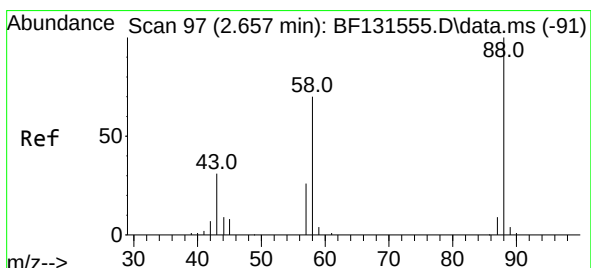
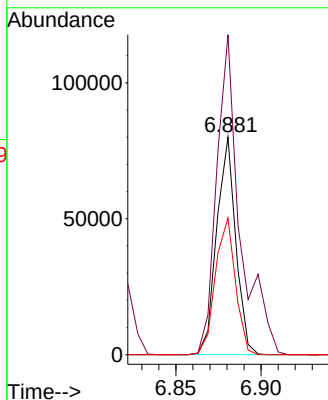
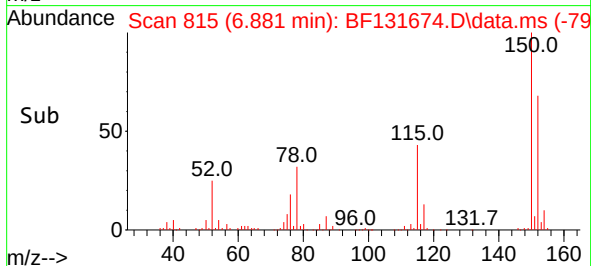
Instrument :
 BNA_F
 ClientSampleId :
 RB-22-(8-10)MSD



Tgt Ion:152 Resp: 62409
 Ion Ratio Lower Upper
 152 100
 150 147.0 116.7 175.1
 115 62.8 54.6 82.0

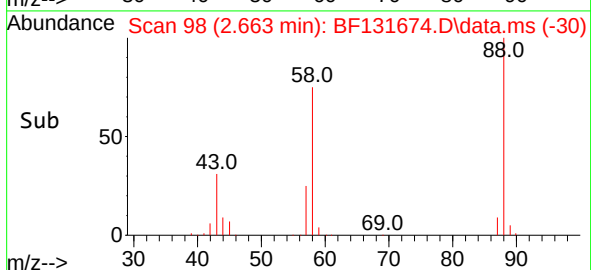
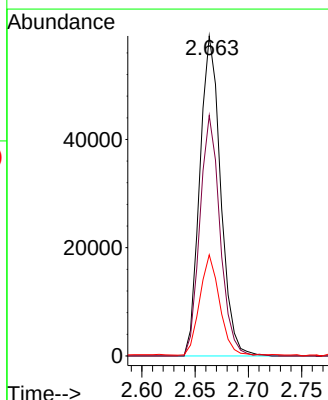
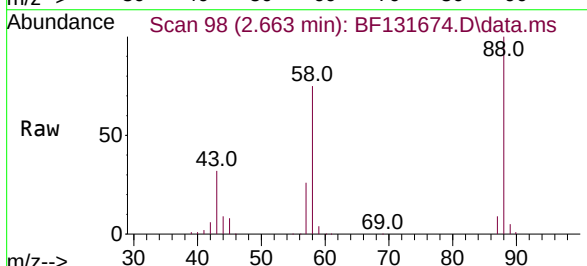
Manual Integrations
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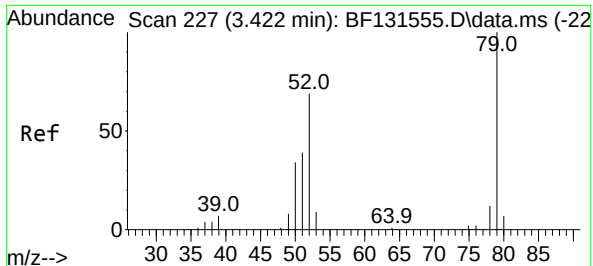
Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022



#2
 1,4-Dioxane
 Concen: 47.644 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.053 min
 Lab File: BF131674.D
 Acq: 16 Dec 2022 19:17

Tgt Ion: 88 Resp: 80450
 Ion Ratio Lower Upper
 88 100
 58 72.8 60.0 90.0
 43 30.0 26.7 40.1





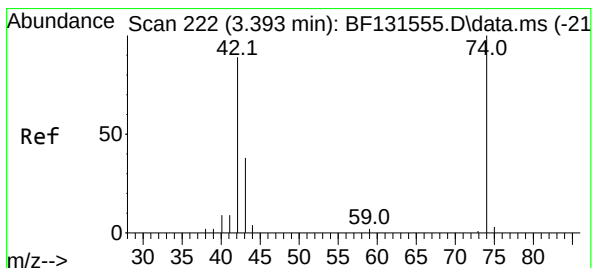
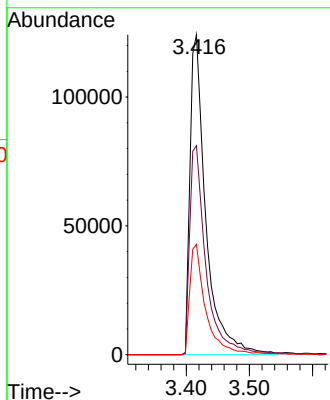
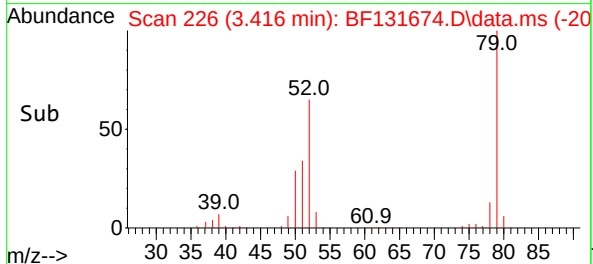
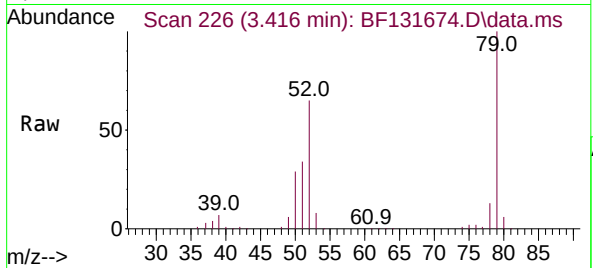
#3
Pyridine
Concen: 46.225 ng
RT: 3.416 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD

Tgt Ion: 79 Resp: 21670
Ion Ratio Lower Upper
79 100
52 65.3 55.0 82.6
51 34.5 31.4 47.2

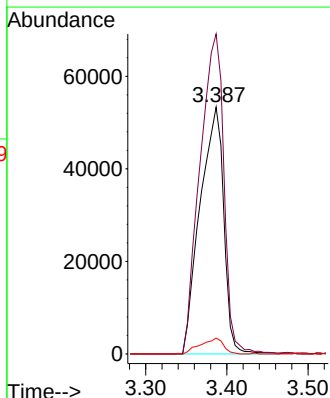
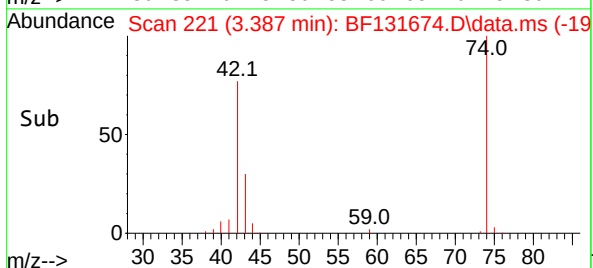
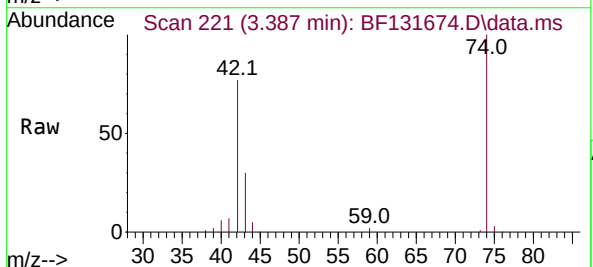
Manual Integrations
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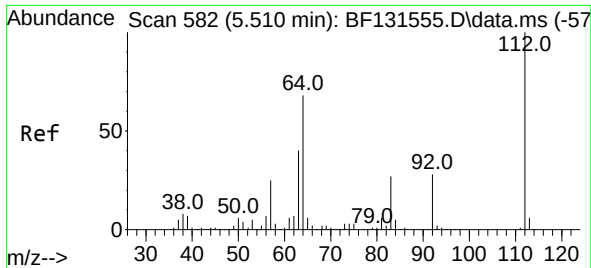
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#4
n-Nitrosodimethylamine
Concen: 41.771 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.047 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Tgt Ion: 42 Resp: 107997
Ion Ratio Lower Upper
42 100
74 129.6 90.2 135.2
44 6.4 3.7 5.5





#5
2-Fluorophenol
Concen: 120.715 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Instrument :

BNA_F

ClientSampleId :

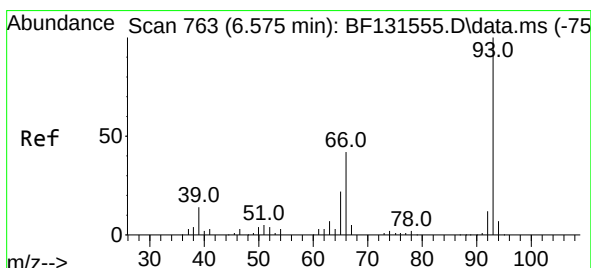
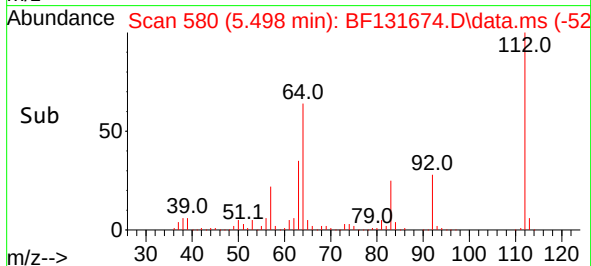
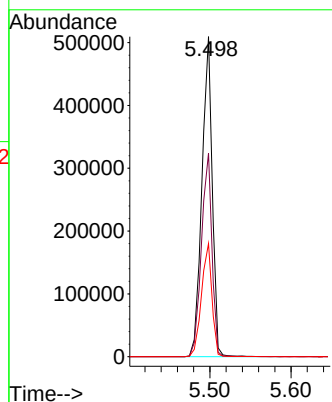
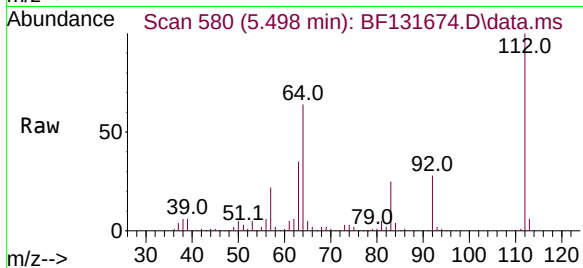
RB-22-(8-10)MSD

Tgt Ion:112 Resp: 451584
Ion Ratio Lower Upper
112 100
64 63.6 54.5 81.7
63 35.4 31.9 47.9

Manual Integrations

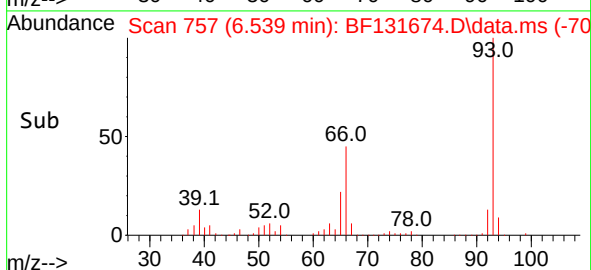
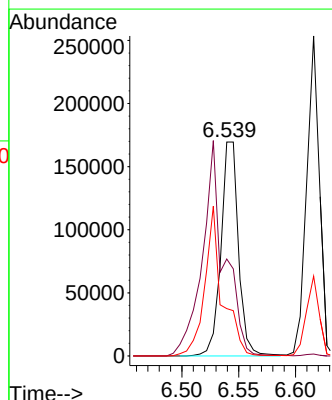
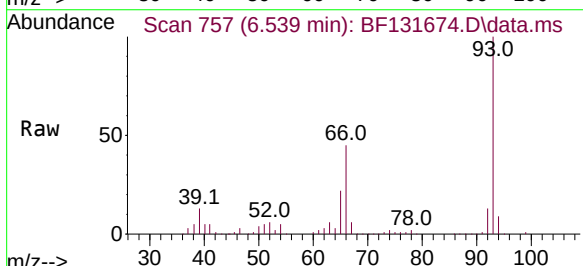
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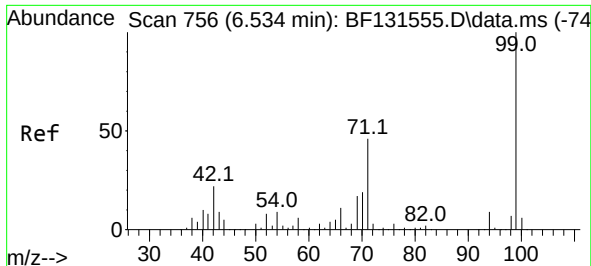
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#6
Aniline
Concen: 31.171 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

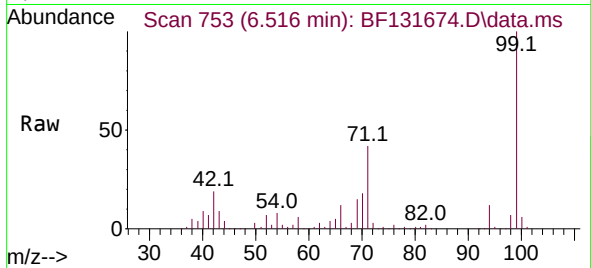
Tgt Ion: 93 Resp: 182751
Ion Ratio Lower Upper
93 100
66 45.3 34.6 51.8
65 22.1 17.7 26.5





#7
Phenol-d6
Concen: 124.007 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

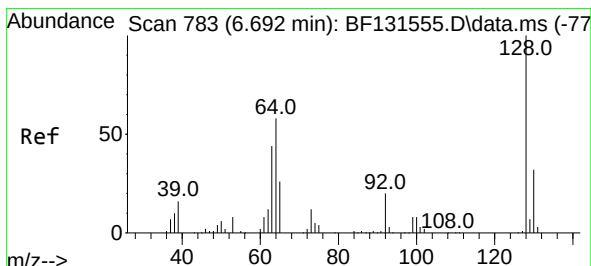
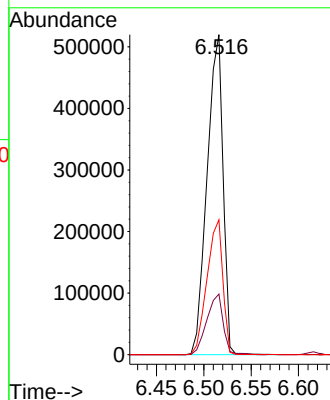
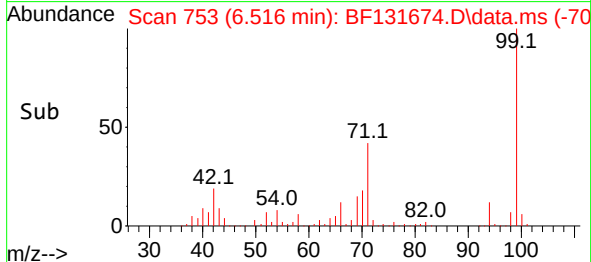
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



Tgt Ion: 99 Resp: 60790
Ion Ratio Lower Upper
99 100
42 19.0 17.9 26.9
71 42.1 37.2 55.8

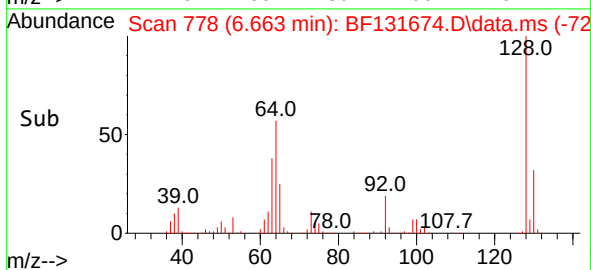
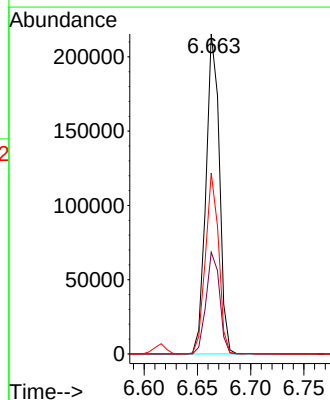
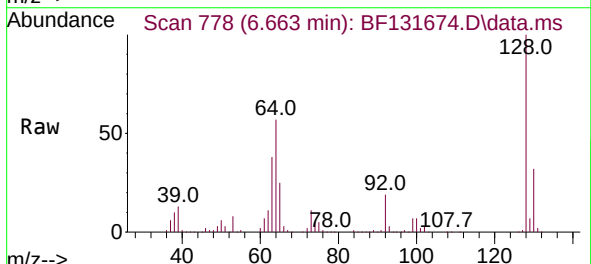
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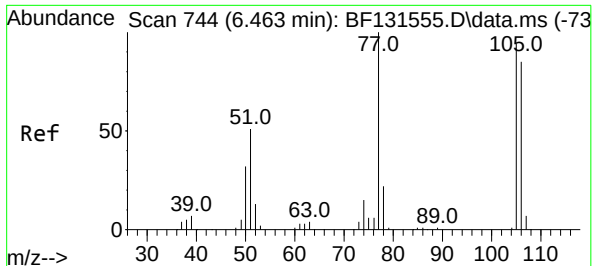
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#8
2-Chlorophenol
Concen: 47.930 ng
RT: 6.663 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Tgt Ion:128 Resp: 190012
Ion Ratio Lower Upper
128 100
130 31.8 11.6 51.6
64 56.6 40.6 80.6





#9

Benzaldehyde

Concen: 49.659 ng

RT: 6.434 min Scan# 744

Delta R.T. -0.000 min

Lab File: BF131674.D

Acq: 16 Dec 2022 19:17

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MSD

Tgt Ion: 77 Resp: 166769

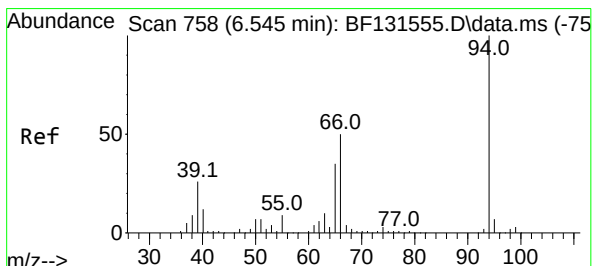
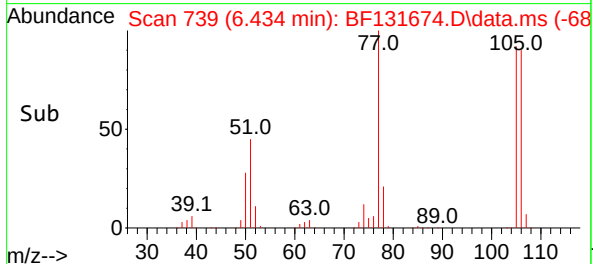
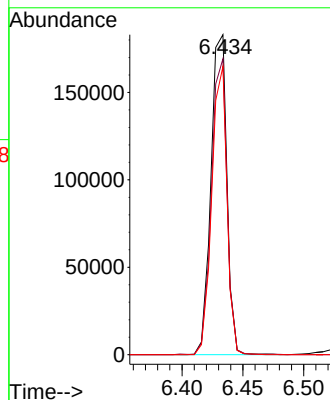
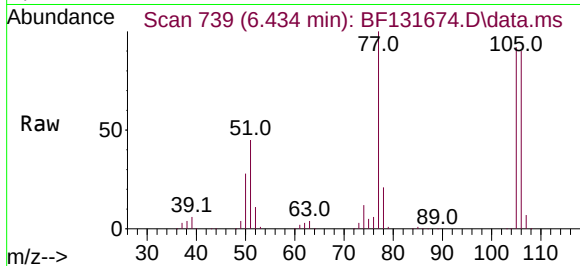
Ion	Ratio	Lower	Upper
77	100		
105	92.4	73.8	113.8
106	90.0	65.2	105.2

Manual Integrations

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Supervised By :mohammad ahmed 12/19/2022



#10

Phenol

Concen: 49.329 ng m

RT: 6.528 min Scan# 755

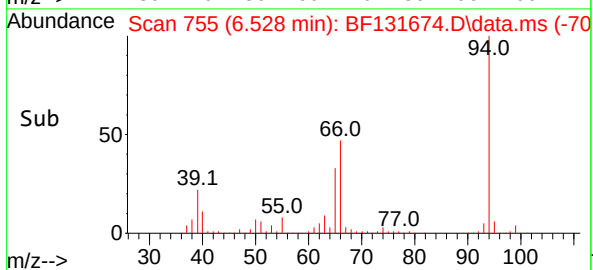
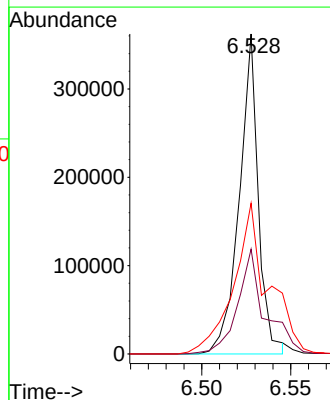
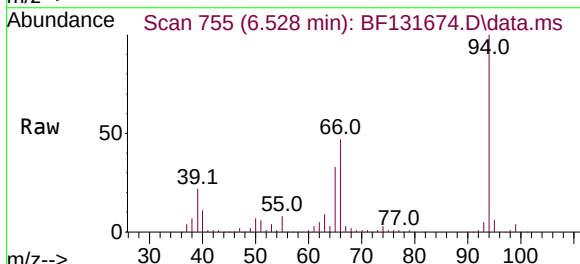
Delta R.T. -0.000 min

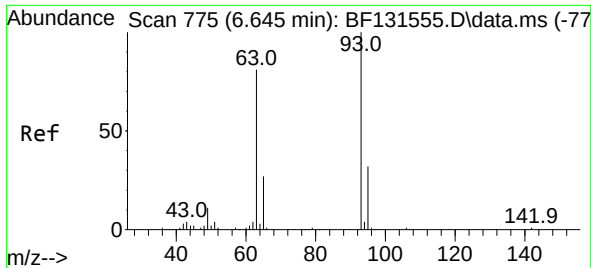
Lab File: BF131674.D

Acq: 16 Dec 2022 19:17

Tgt Ion: 94 Resp: 269737

Ion	Ratio	Lower	Upper
94	100		
65	32.8	14.8	54.8
66	47.1	30.8	70.8





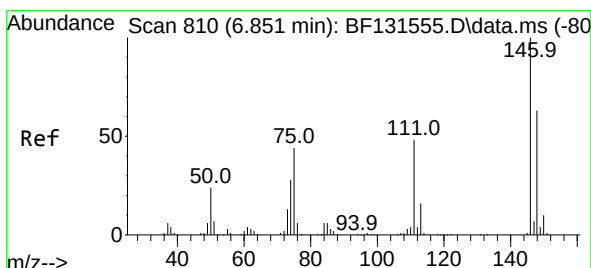
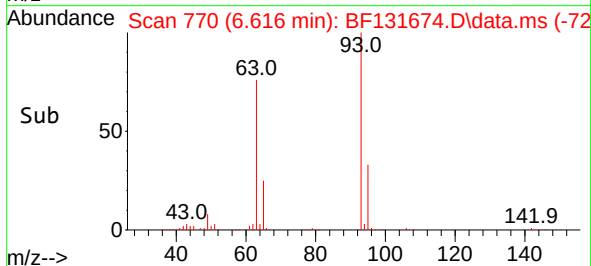
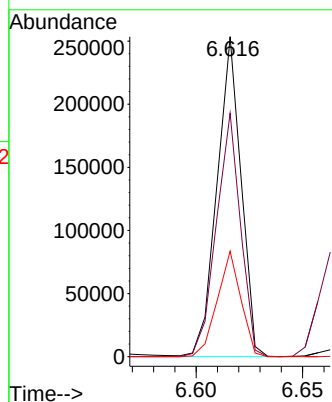
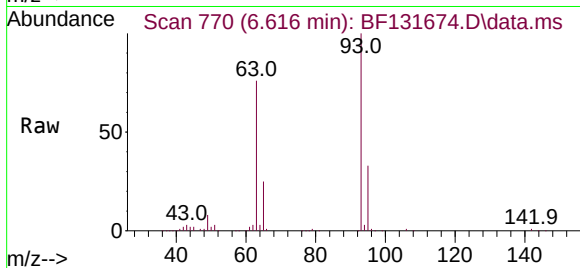
#11
bis(2-Chloroethyl)ether
Concen: 48.527 ng
RT: 6.616 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD

Tgt Ion: 93 Resp: 198900
Ion Ratio Lower Upper
93 100
63 76.1 60.4 100.4
95 33.0 12.3 52.3

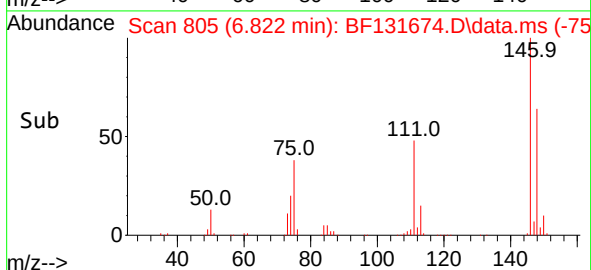
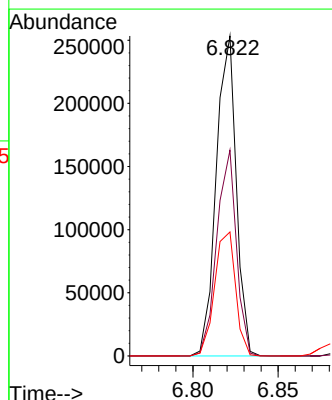
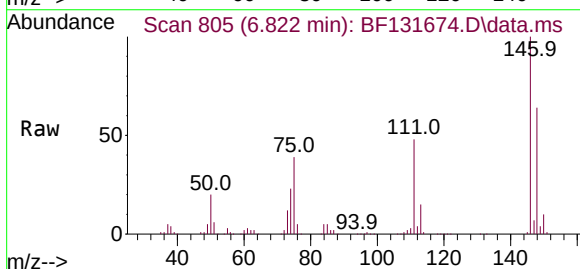
Manual Integrations
APPROVED

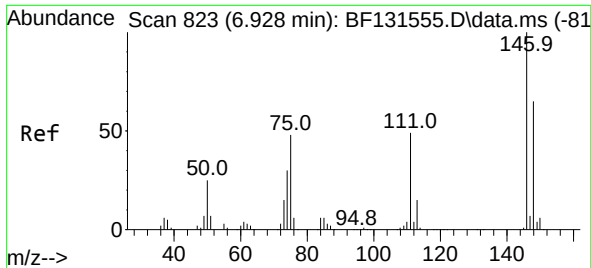
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#12
1,3-Dichlorobenzene
Concen: 45.084 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

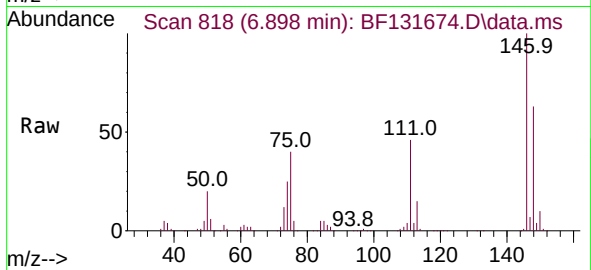
Tgt Ion:146 Resp: 207219
Ion Ratio Lower Upper
146 100
148 64.3 50.7 76.1
75 38.7 35.1 52.7





#13
1,4-Dichlorobenzene
Concen: 45.650 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

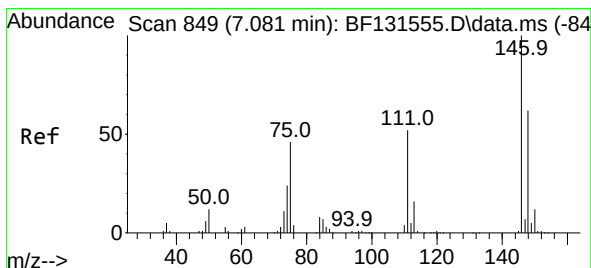
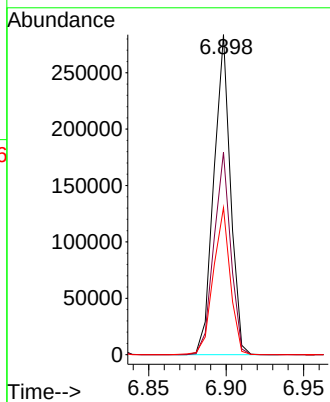
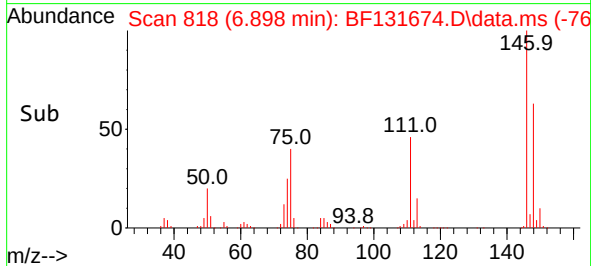
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



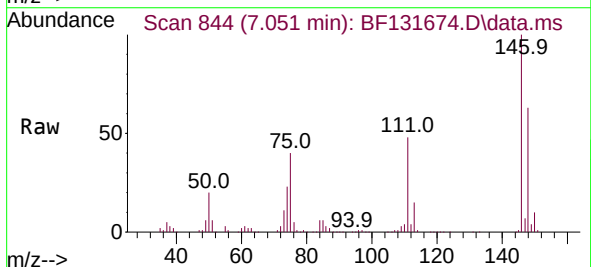
Tgt Ion:146 Resp: 21164
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.6
111 46.0 38.9 58.3

Manual Integrations
APPROVED

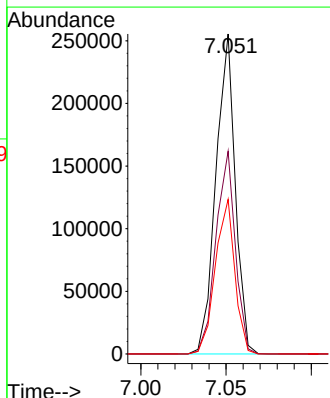
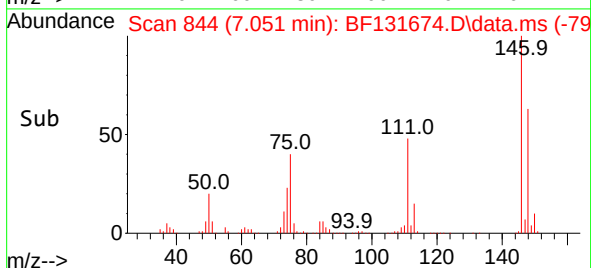
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

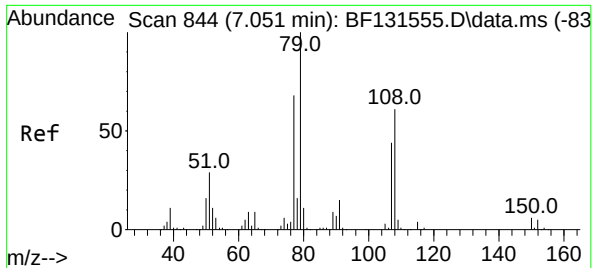


#14
1,2-Dichlorobenzene
Concen: 45.590 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17



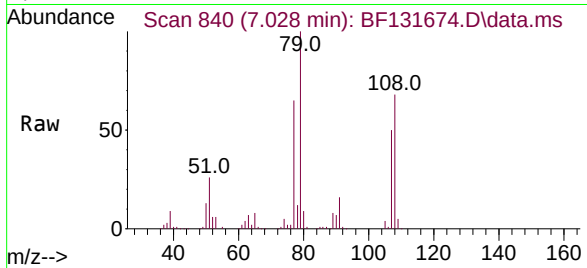
Tgt Ion:146 Resp: 201906
Ion Ratio Lower Upper
146 100
148 63.4 49.9 74.9
111 48.3 41.8 62.6





#15
Benzyl Alcohol
Concen: 45.765 ng
RT: 7.028 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

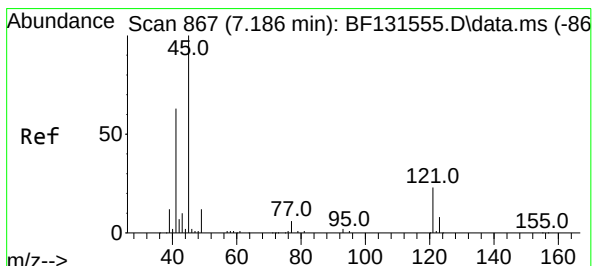
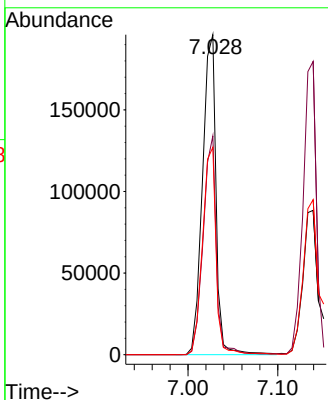
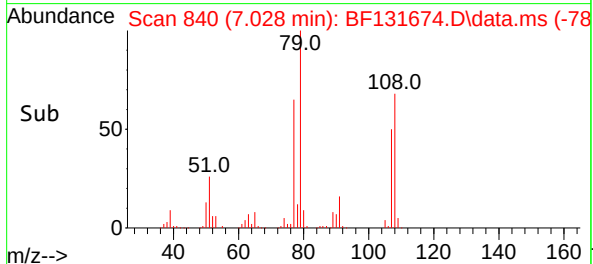
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



Tgt Ion: 79 Resp: 20567
Ion Ratio Lower Upper
79 100
108 68.3 49.2 73.8
77 64.8 54.5 81.7

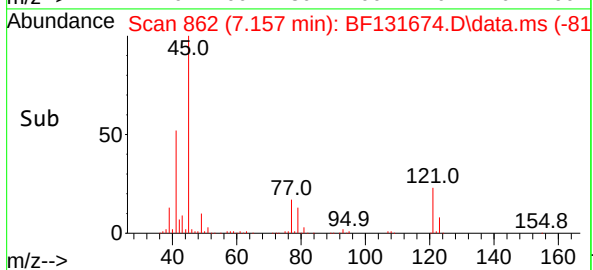
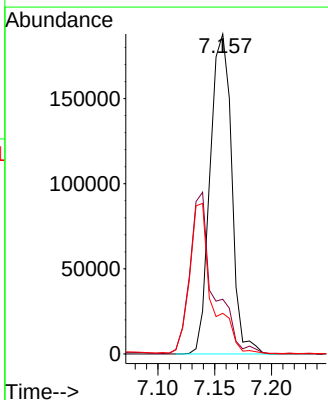
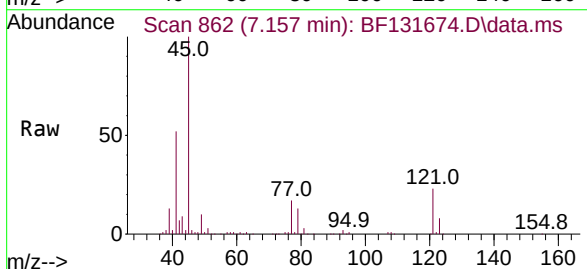
Manual Integrations
APPROVED

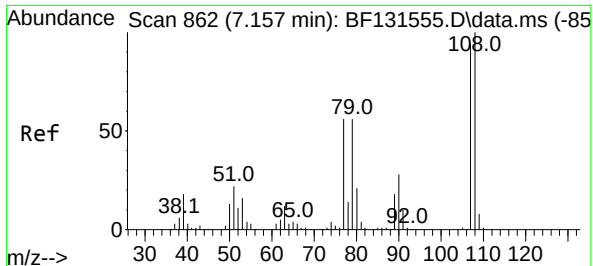
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.722 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

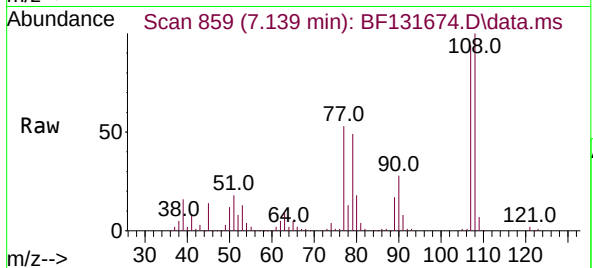
Tgt Ion: 45 Resp: 247380
Ion Ratio Lower Upper
45 100
77 17.1 0.0 37.7
79 12.7 0.0 33.6





#17
2-Methylphenol
Concen: 47.700 ng
RT: 7.139 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

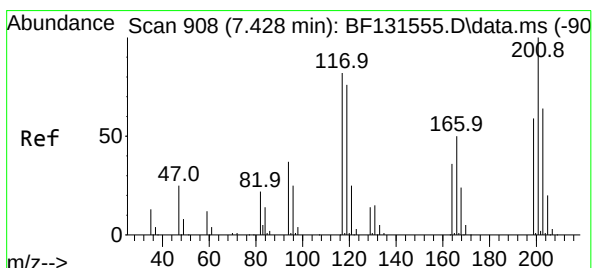
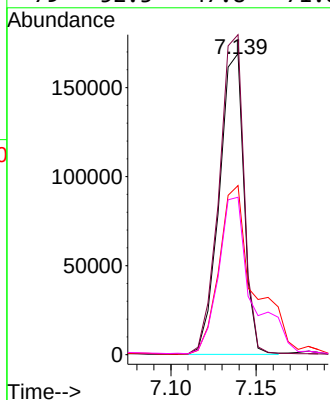
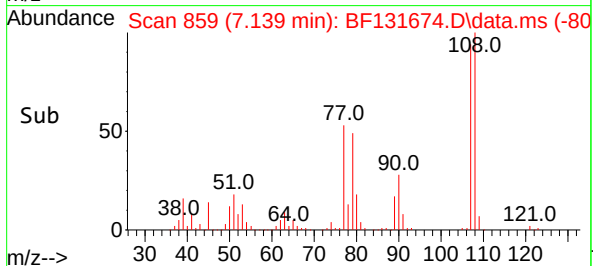
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



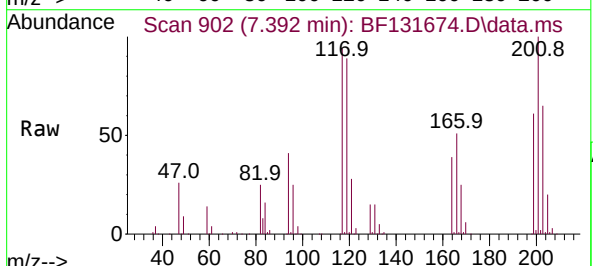
Tgt Ion:107 Resp: 170425
Ion Ratio Lower Upper
107 100
108 106.2 85.5 128.3
77 56.2 48.2 72.4
79 52.3 47.8 71.8

Manual Integrations
APPROVED

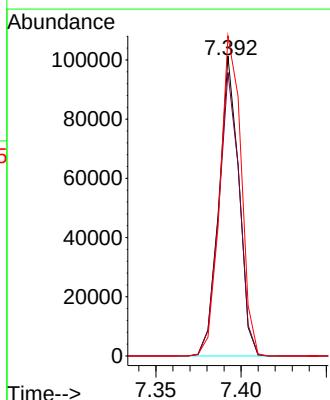
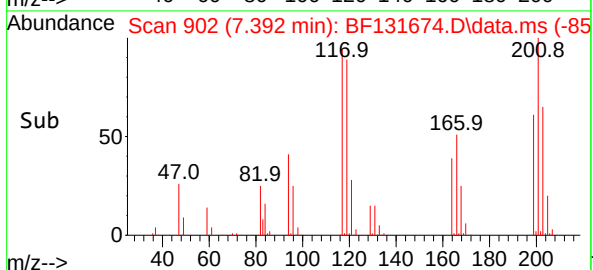
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

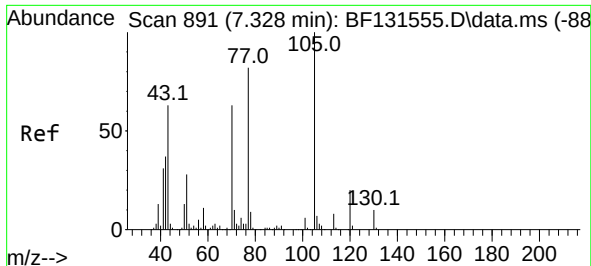


#18
Hexachloroethane
Concen: 43.916 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17



Tgt Ion:117 Resp: 82132
Ion Ratio Lower Upper
117 100
119 94.6 75.0 112.4
201 106.7 98.0 147.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.225 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF131674.D

Acq: 16 Dec 2022 19:17

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MSD

Tgt Ion: 70 Resp: 15521

Ion Ratio Lower Upper

70 100

42 56.2 46.4 69.6

101 9.1 7.2 10.8

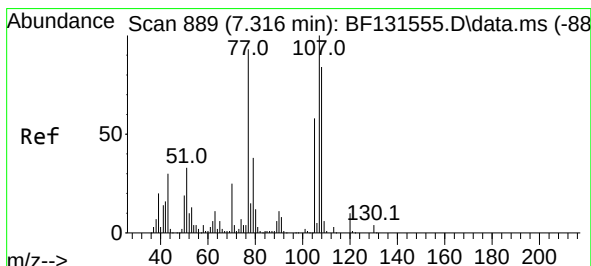
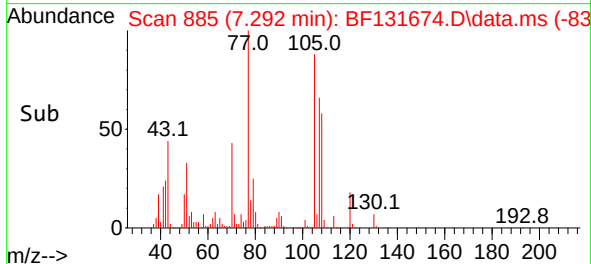
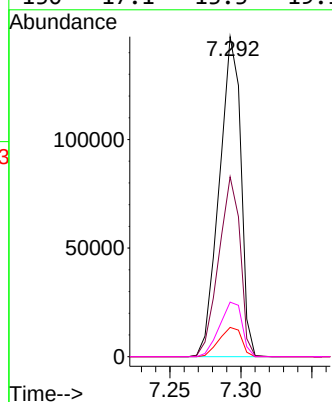
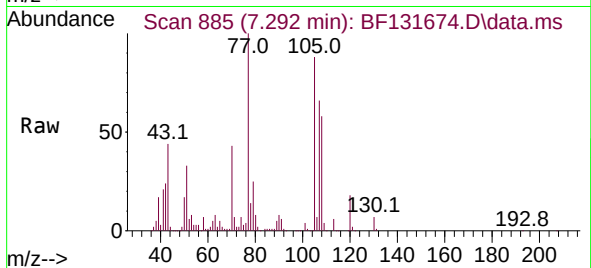
130 17.1 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#20

3+4-Methylphenols

Concen: 44.628 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.000 min

Lab File: BF131674.D

Acq: 16 Dec 2022 19:17

Tgt Ion:107 Resp: 217181

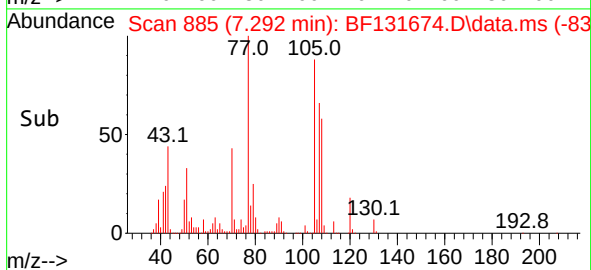
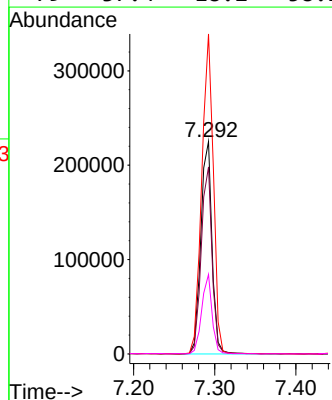
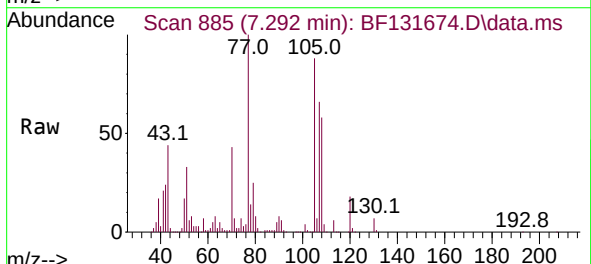
Ion Ratio Lower Upper

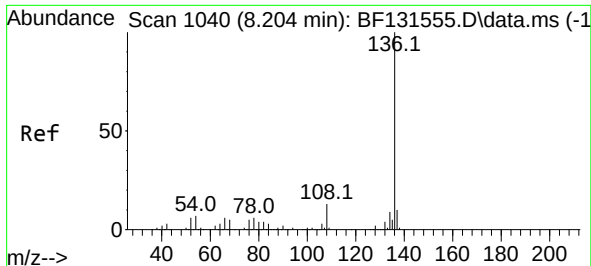
107 100

108 88.0 64.0 104.0

77 150.6 73.1 113.1#

79 37.4 18.2 58.2





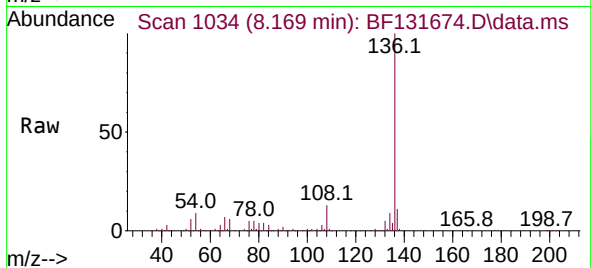
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MSD

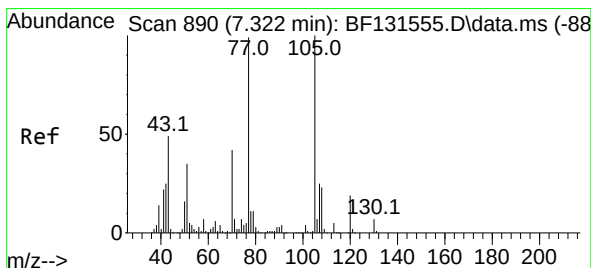
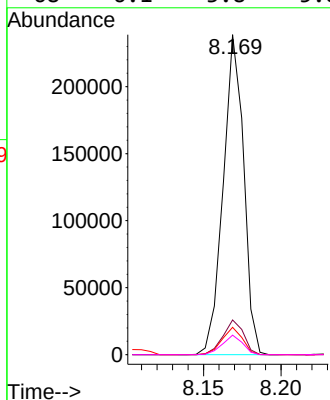
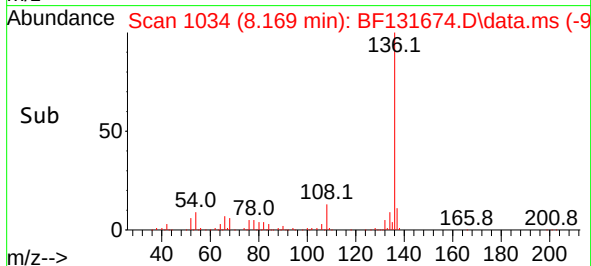


Tgt Ion:136 Resp: 219508
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.5 6.0 9.0
68 6.1 3.8 5.8#

Manual Integrations

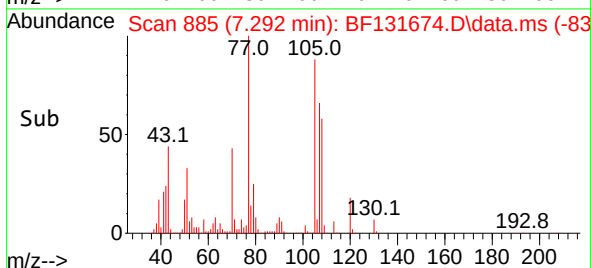
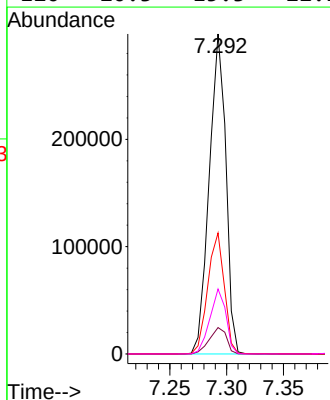
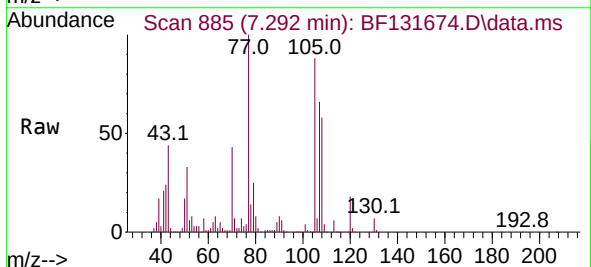
APPROVED

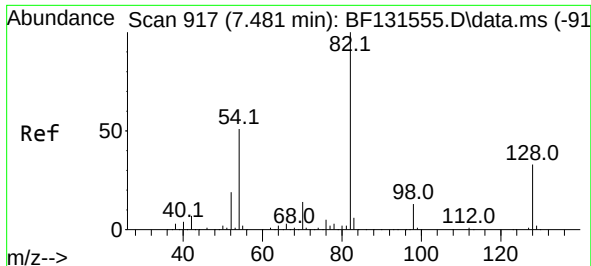
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#22
Acetophenone
Concen: 44.101 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Tgt Ion:105 Resp: 303363
Ion Ratio Lower Upper
105 100
71 8.2 5.4 8.0#
51 37.8 27.8 41.6
120 20.3 15.3 22.9





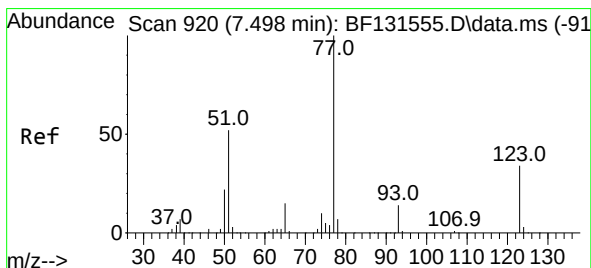
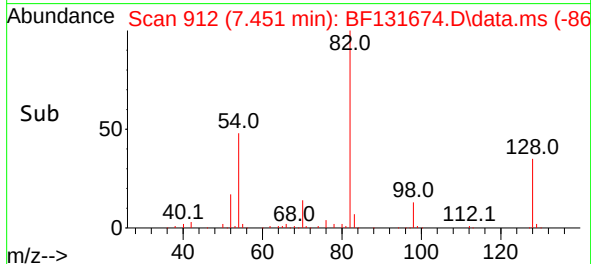
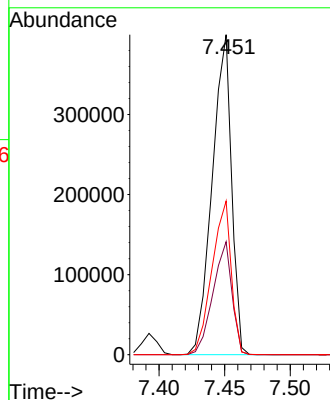
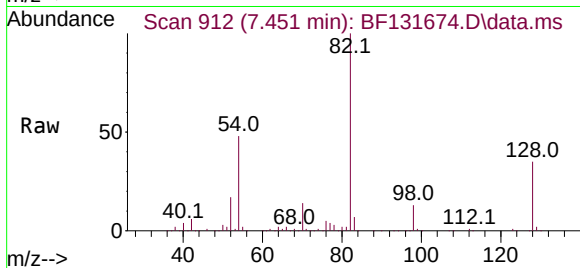
#23
Nitrobenzene-d5
Concen: 70.692 ng
RT: 7.451 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD

Tgt Ion: 82 Resp: 41044
Ion Ratio Lower Upper
82 100
128 35.3 26.1 39.1
54 48.0 40.6 60.8

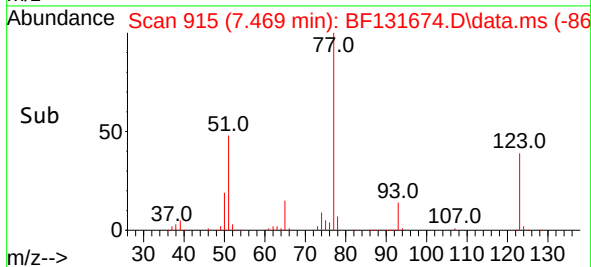
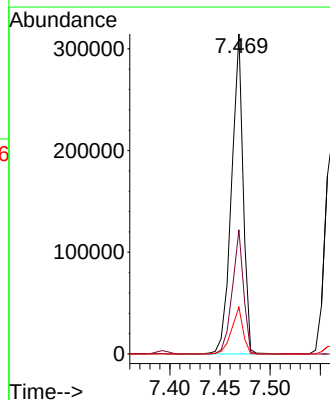
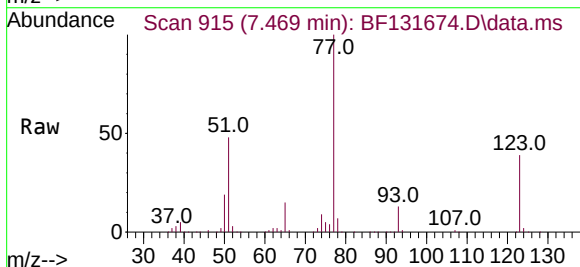
Manual Integrations
APPROVED

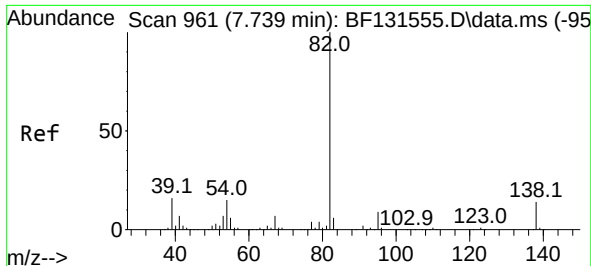
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#24
Nitrobenzene
Concen: 43.169 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Tgt Ion: 77 Resp: 252794
Ion Ratio Lower Upper
77 100
123 38.8 27.1 40.7
65 14.6 11.9 17.9





#25
Isophorone
Concen: 46.373 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Instrument :

BNA_F

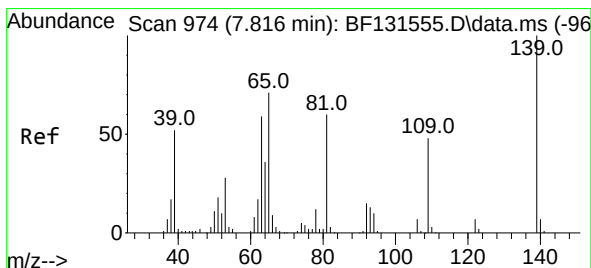
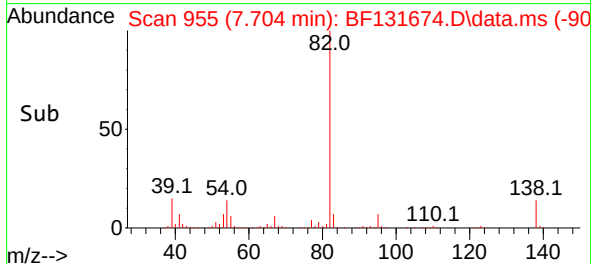
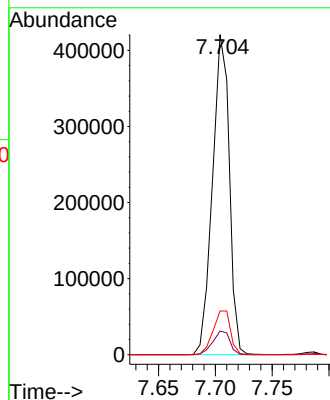
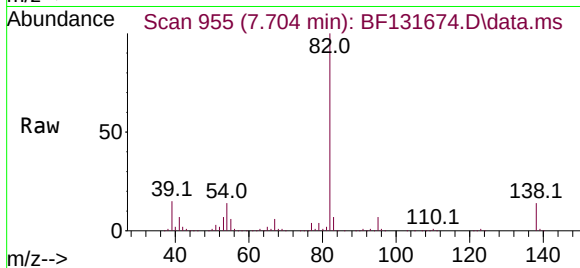
ClientSampleId :

RB-22-(8-10)MSD

Tgt Ion: 82 Resp: 433684
Ion Ratio Lower Upper
82 100
95 7.4 6.9 10.3
138 13.7 11.4 17.0

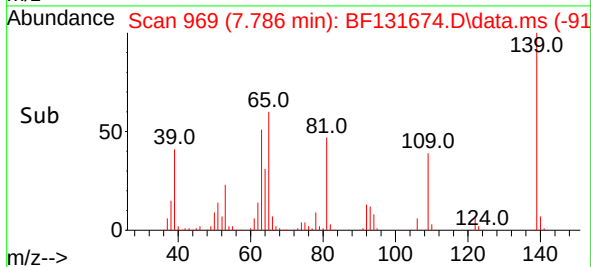
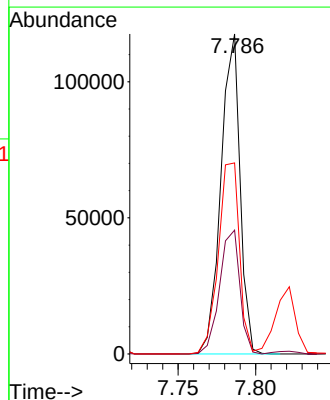
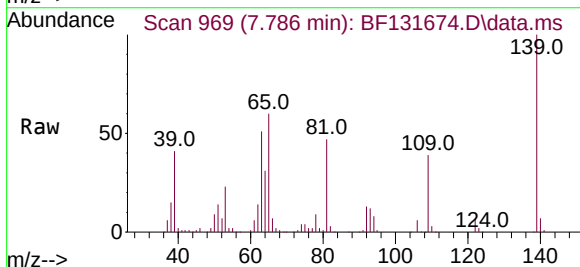
Manual Integrations
APPROVED

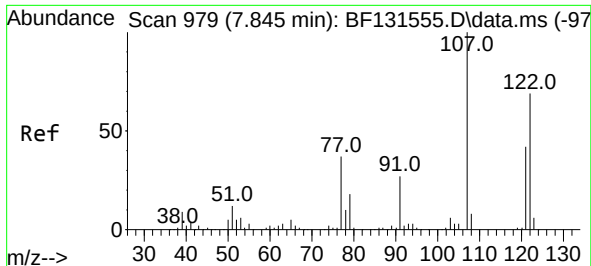
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#26
2-Nitrophenol
Concen: 50.436 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Tgt Ion:139 Resp: 100720
Ion Ratio Lower Upper
139 100
109 38.7 38.6 58.0
65 59.7 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 54.766 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF131674.D

Acq: 16 Dec 2022 19:17

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MSD

Tgt Ion:122 Resp: 167630

Ion Ratio Lower Upper

122 100

107 137.2 114.2 171.2

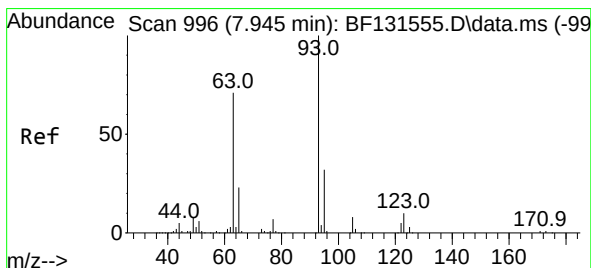
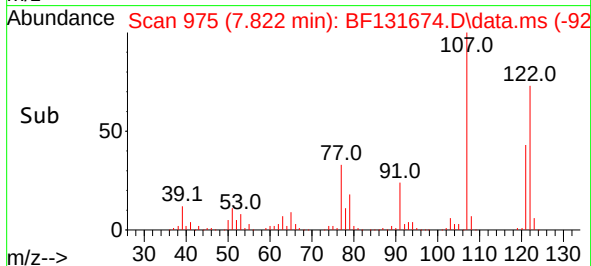
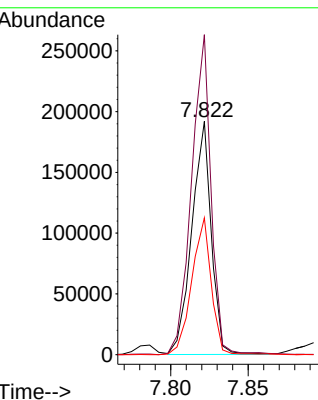
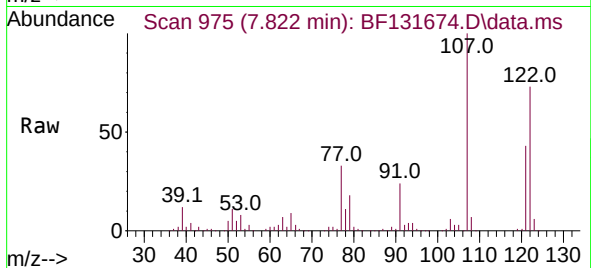
121 58.6 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#28

bis(2-Chloroethoxy)methane

Concen: 49.380 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF131674.D

Acq: 16 Dec 2022 19:17

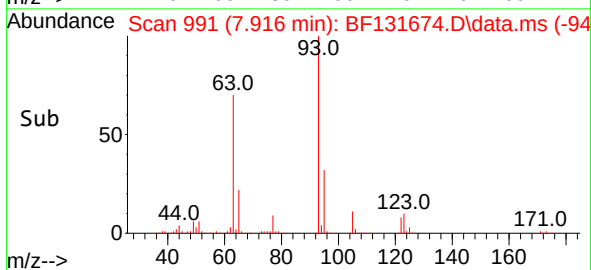
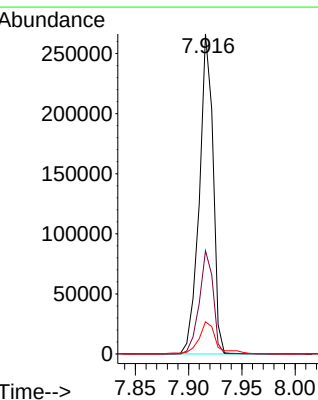
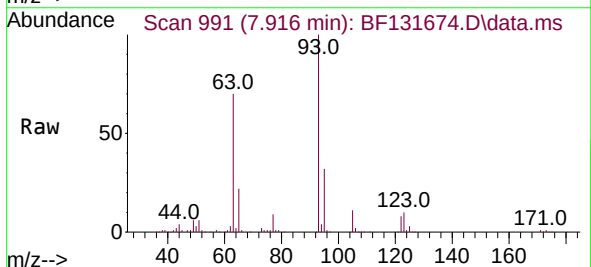
Tgt Ion: 93 Resp: 238896

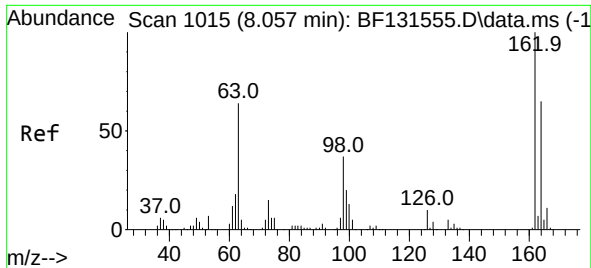
Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

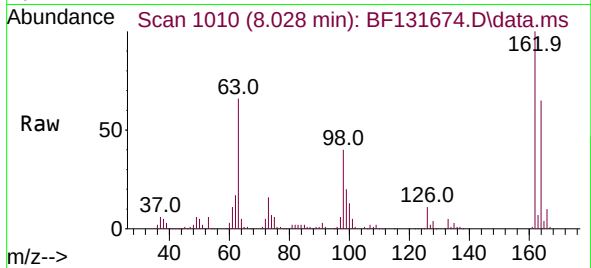
123 10.1 8.1 12.1





#29
2,4-Dichlorophenol
Concen: 44.162 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

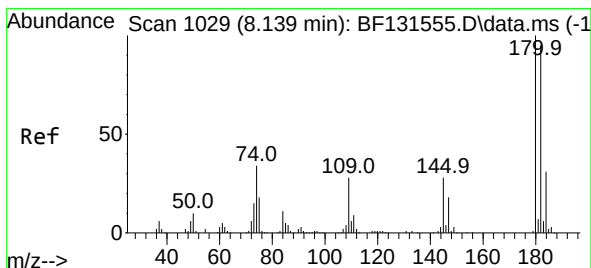
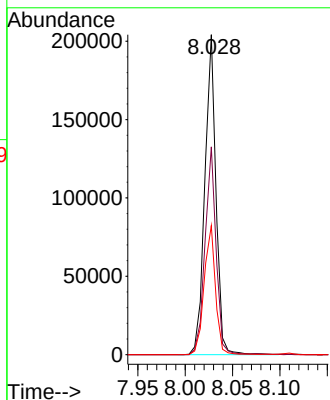
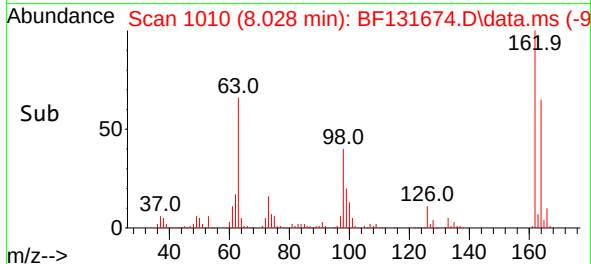
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



Tgt Ion:162 Resp: 16713
Ion Ratio Lower Upper
162 100
164 65.0 45.0 85.0
98 40.3 16.6 56.6

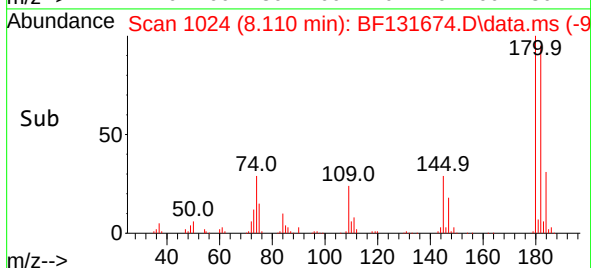
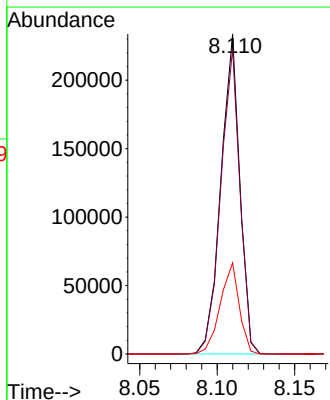
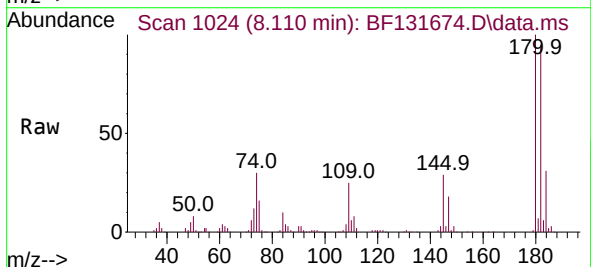
Manual Integrations
APPROVED

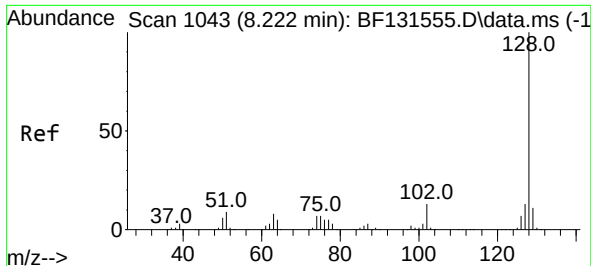
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#30
1,2,4-Trichlorobenzene
Concen: 42.815 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

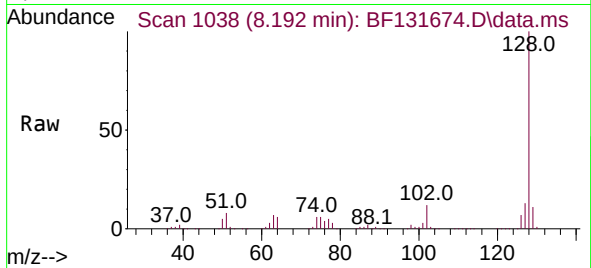
Tgt Ion:180 Resp: 198718
Ion Ratio Lower Upper
180 100
182 95.4 75.8 113.6
145 28.5 22.4 33.6





#31
Naphthalene
Concen: 43.313 ng
RT: 8.192 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

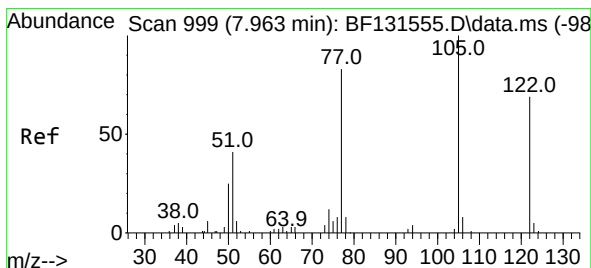
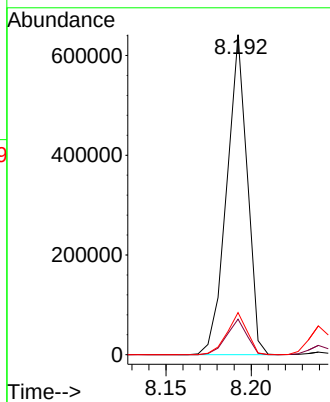
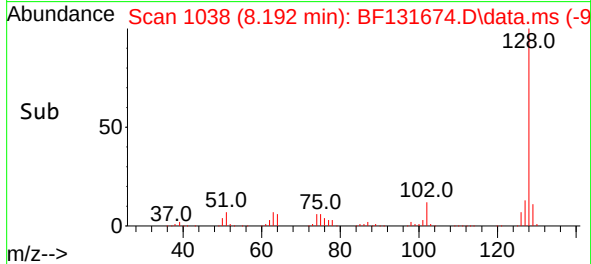
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



Tgt Ion:128 Resp: 53550
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.6 15.8

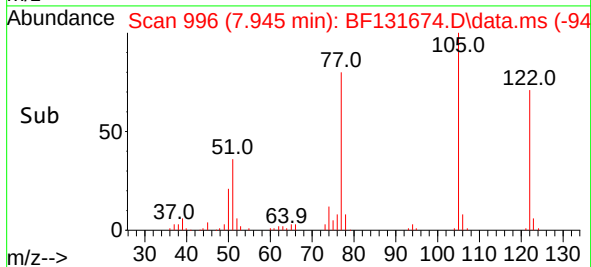
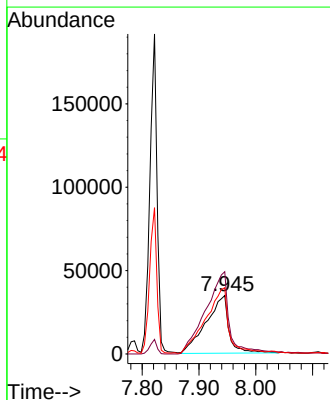
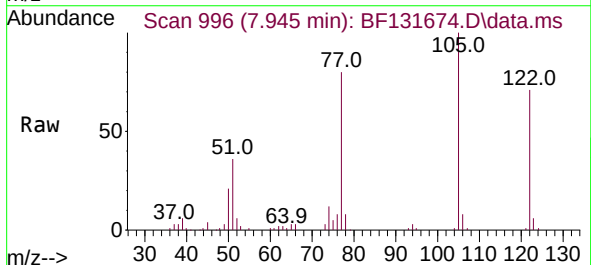
Manual Integrations
APPROVED

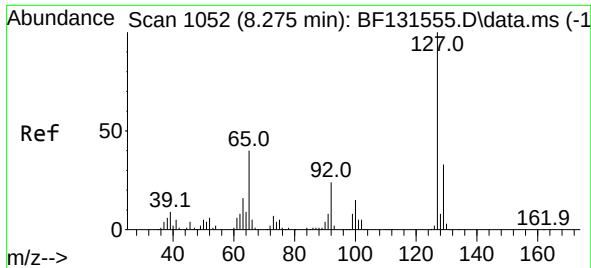
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#32
Benzoic acid
Concen: 43.708 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Tgt Ion:122 Resp: 96888
Ion Ratio Lower Upper
122 100
105 140.8 119.8 159.8
77 113.3 97.6 137.6





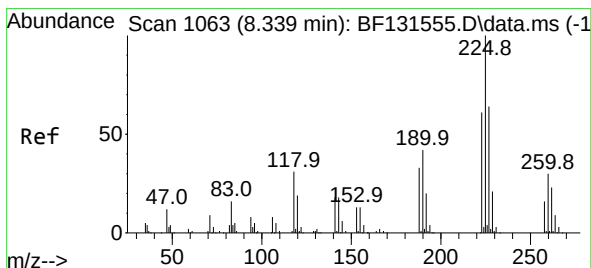
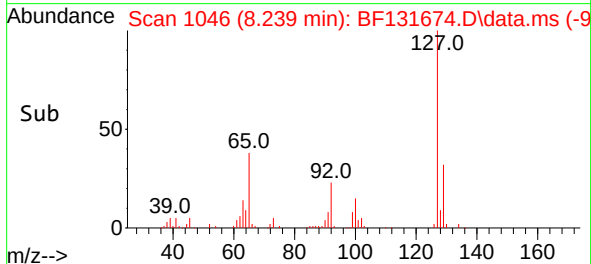
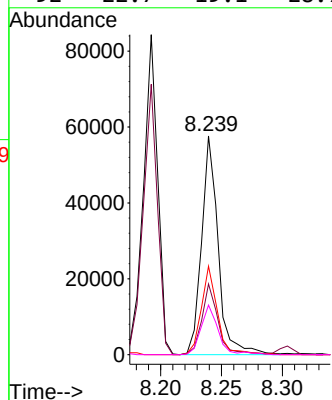
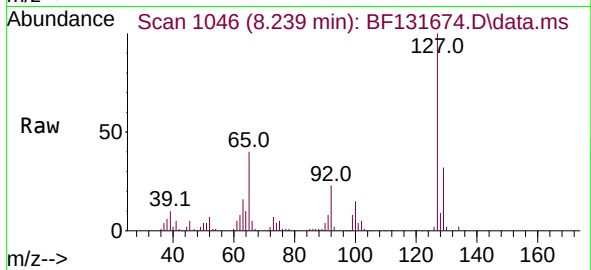
#33
4-Chloroaniline
Concen: 11.841 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD

Tgt Ion:127	Resp:	54874
Ion Ratio	Lower	Upper
127	100	
129	32.3	26.4 39.6
65	40.5	31.9 47.9
92	22.7	19.1 28.7

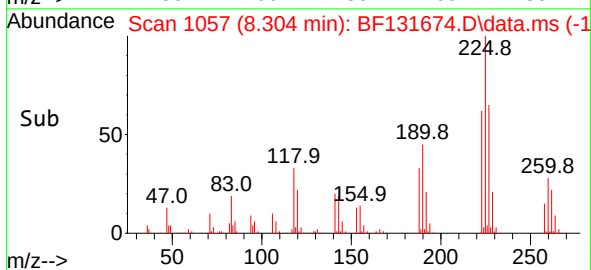
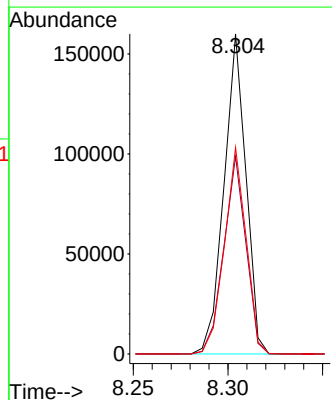
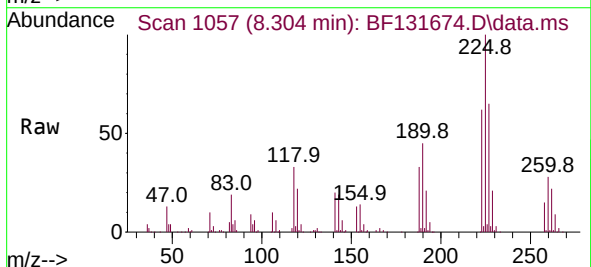
Manual Integrations
APPROVED

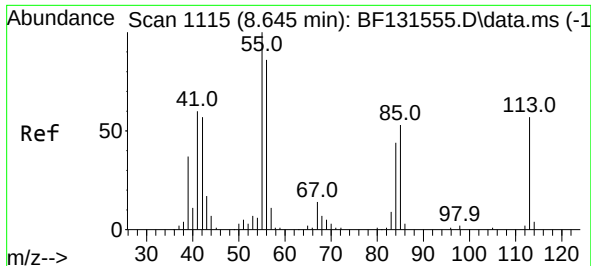
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#34
Hexachlorobutadiene
Concen: 39.315 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

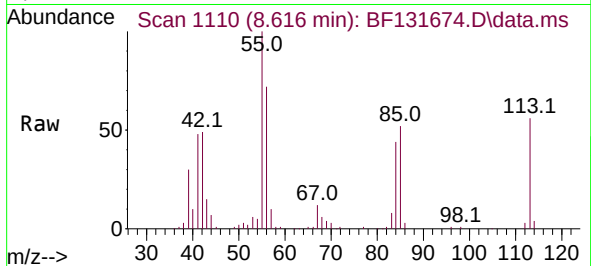
Tgt Ion:225	Resp:	128601
Ion Ratio	Lower	Upper
225	100	
223	61.7	48.7 73.1
227	64.5	51.0 76.6





#35
Caprolactam
Concen: 51.979 ng m
RT: 8.616 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

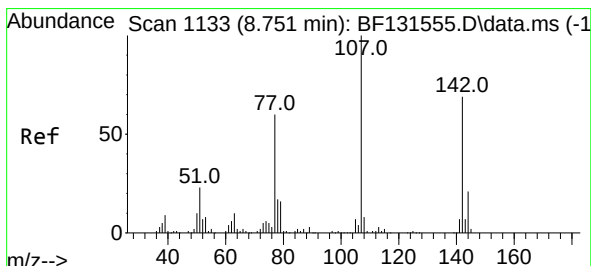
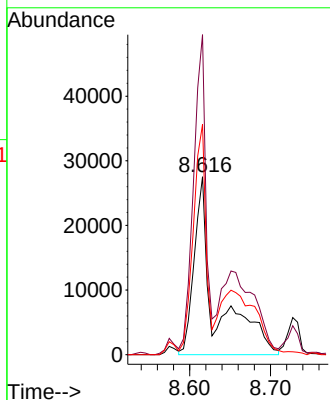
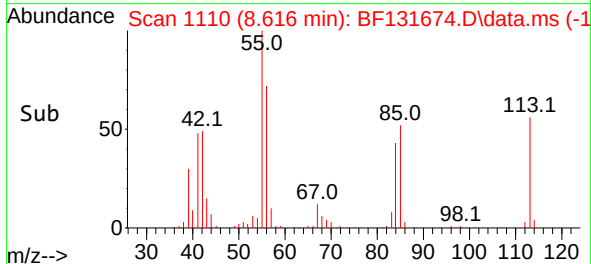
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



Tgt Ion:113 Resp: 5088
Ion Ratio Lower Upper
113 100
55 179.9 155.8 195.8
56 129.4 131.7 171.7

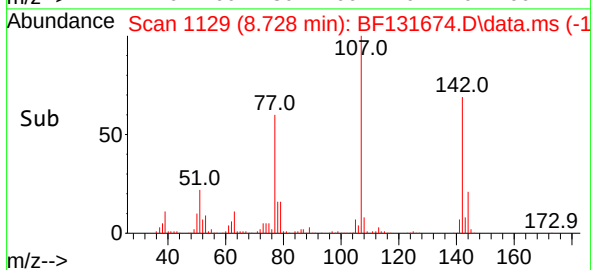
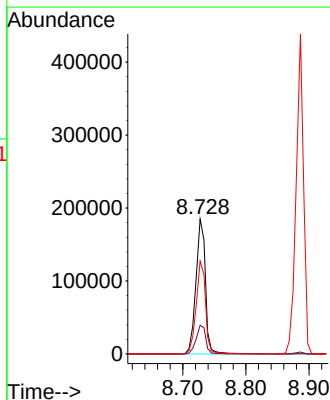
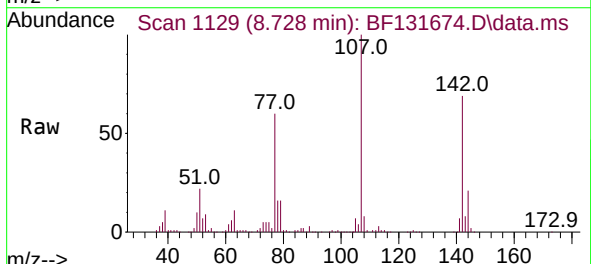
Manual Integrations
APPROVED

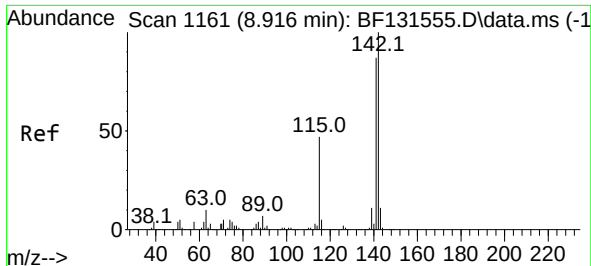
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#36
4-Chloro-3-methylphenol
Concen: 45.466 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Tgt Ion:107 Resp: 193222
Ion Ratio Lower Upper
107 100
144 21.3 17.0 25.4
142 68.9 54.8 82.2





#37

2-Methylnaphthalene

Concen: 42.742 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF131674.D

Acq: 16 Dec 2022 19:17

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MSD

Tgt Ion:142 Resp: 361390

Ion Ratio Lower Upper

142 100

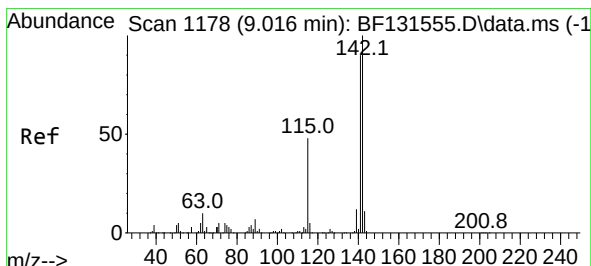
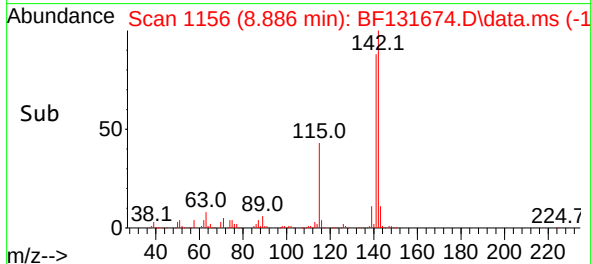
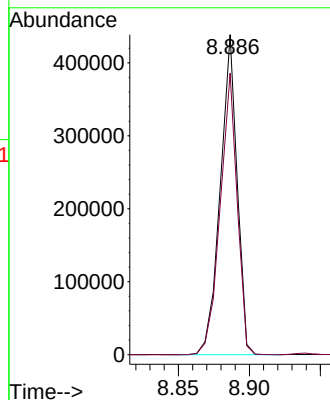
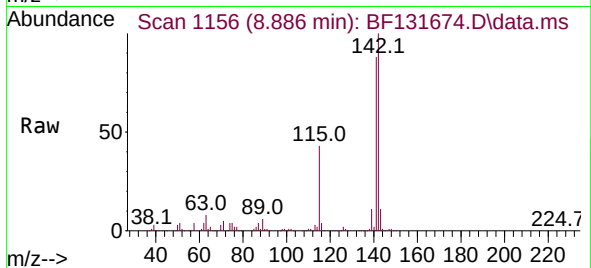
141 87.9 69.7 104.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#38

1-Methylnaphthalene

Concen: 40.786 ng

RT: 8.986 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF131674.D

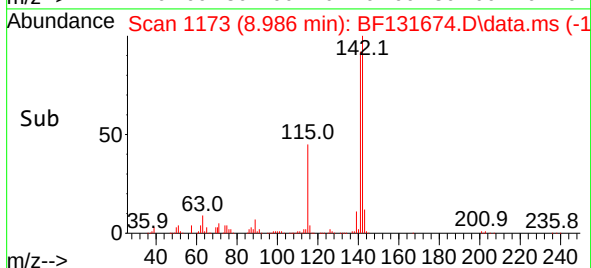
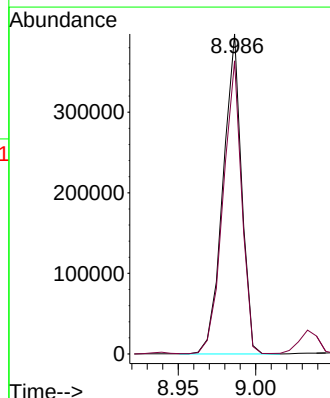
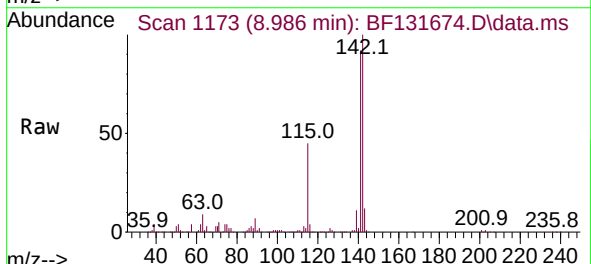
Acq: 16 Dec 2022 19:17

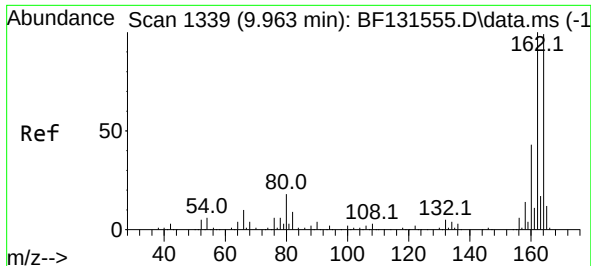
Tgt Ion:142 Resp: 331045

Ion Ratio Lower Upper

142 100

141 91.6 71.9 107.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF131674.D

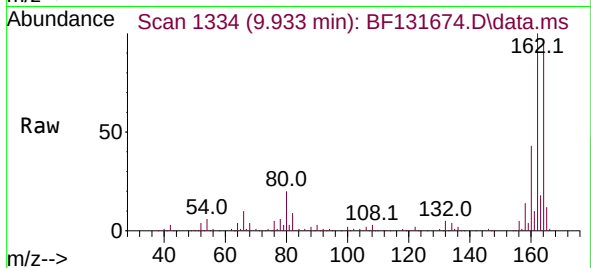
Acq: 16 Dec 2022 19:17

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MSD



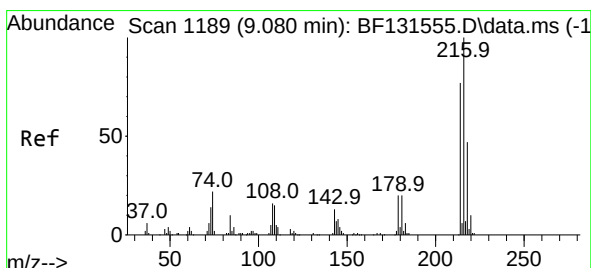
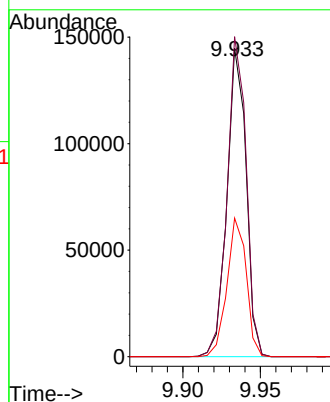
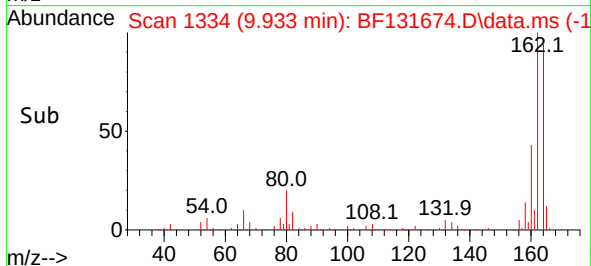
Tgt Ion:	164	Resp:	12435
Ion Ratio	Lower	Upper	
164	100		
162	103.7	81.0	121.6
160	44.9	35.0	52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.785 ng

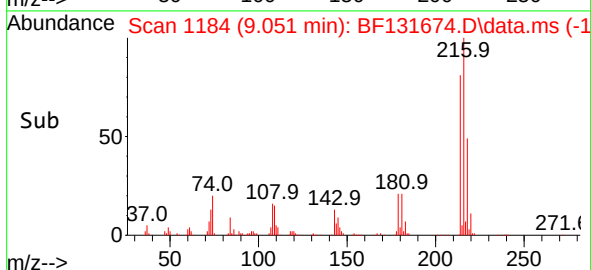
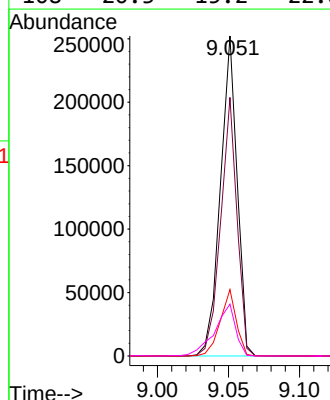
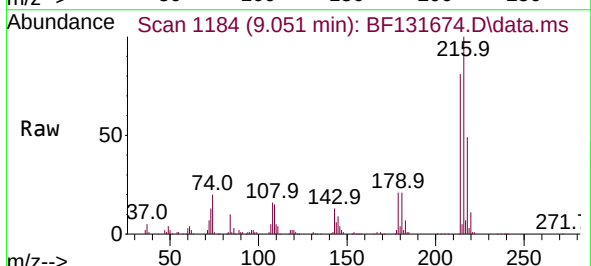
RT: 9.051 min Scan# 1184

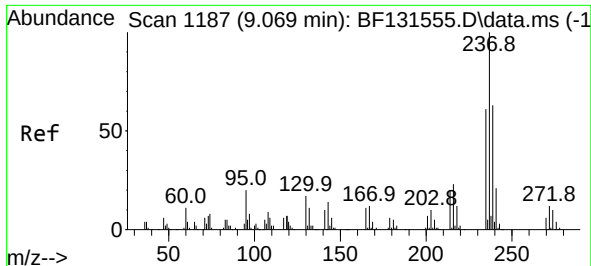
Delta R.T. -0.000 min

Lab File: BF131674.D

Acq: 16 Dec 2022 19:17

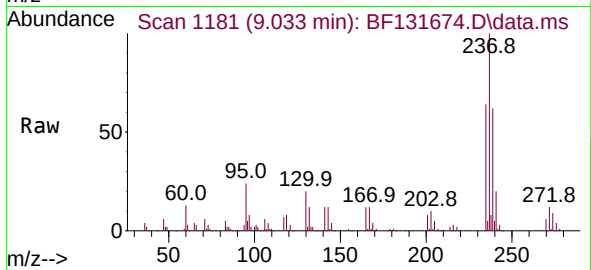
Tgt Ion:	216	Resp:	206160
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.1	93.1
179	20.1	16.0	24.0
108	20.3	15.2	22.8





#41
Hexachlorocyclopentadiene
Concen: 97.725 ng
RT: 9.033 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

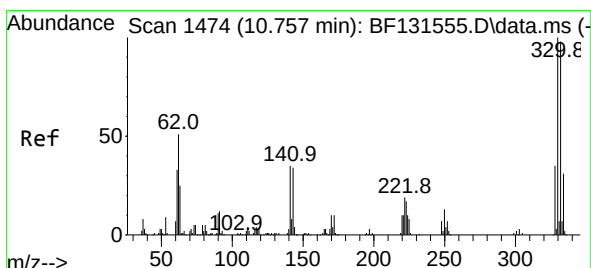
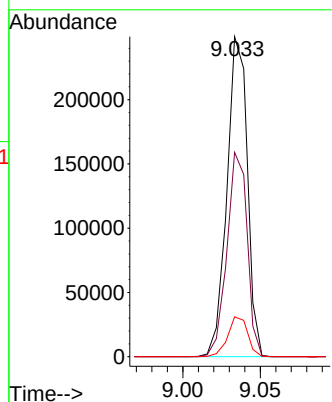
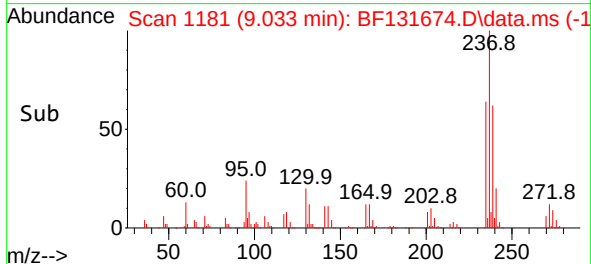
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



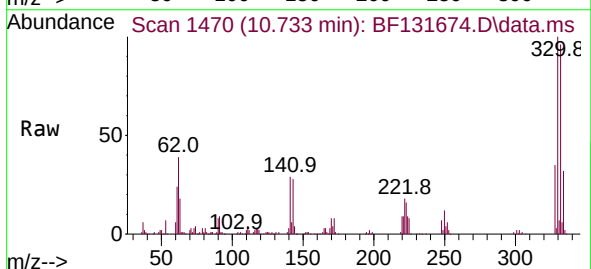
Tgt Ion:237 Resp: 22833
Ion Ratio Lower Upper
237 100
235 63.9 40.6 80.6
272 12.5 0.0 32.2

Manual Integrations
APPROVED

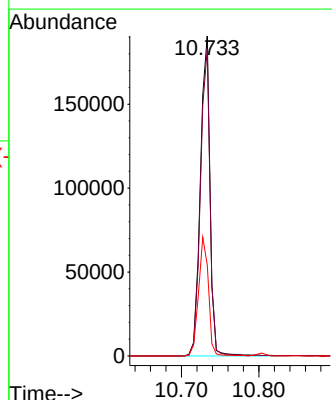
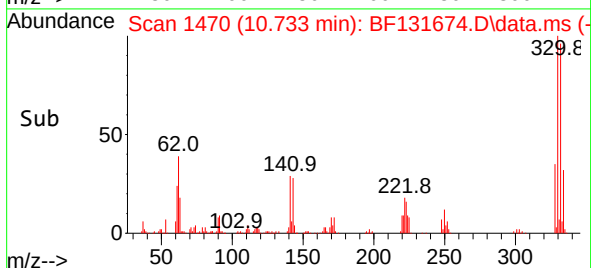
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

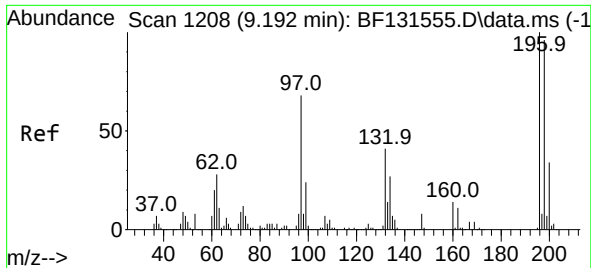


#42
2,4,6-Tribromophenol
Concen: 119.272 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17



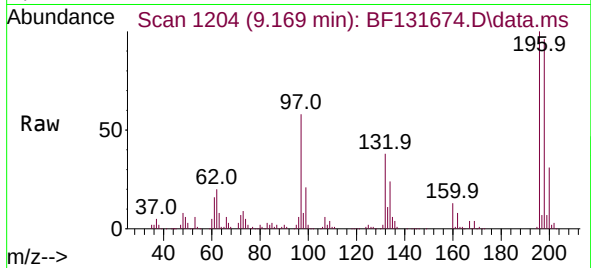
Tgt Ion:330 Resp: 164789
Ion Ratio Lower Upper
330 100
332 95.4 78.3 117.5
141 38.1 32.6 49.0





#43
2,4,6-Trichlorophenol
Concen: 45.714 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

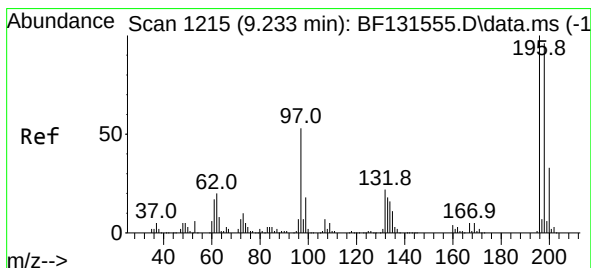
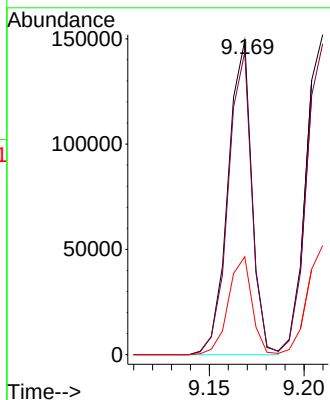
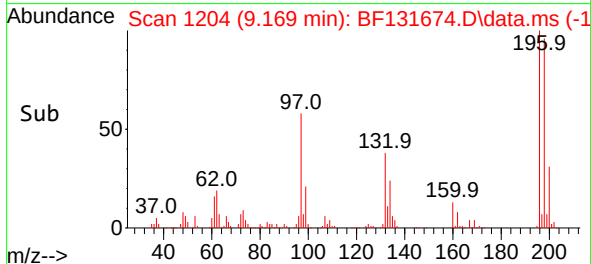
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



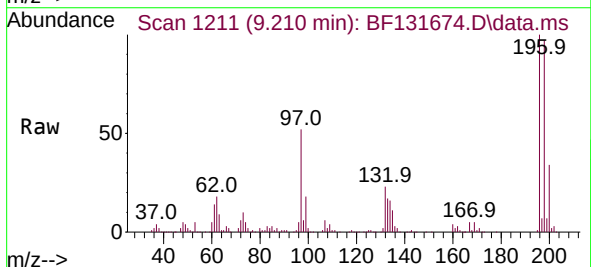
Tgt Ion:196 Resp: 13016
Ion Ratio Lower Upper
196 100
198 96.3 76.9 115.3
200 31.1 26.9 40.3

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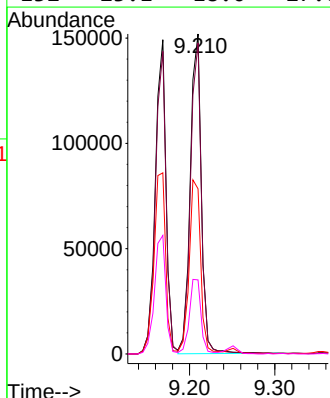
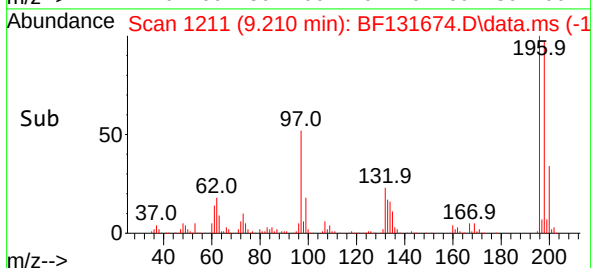
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

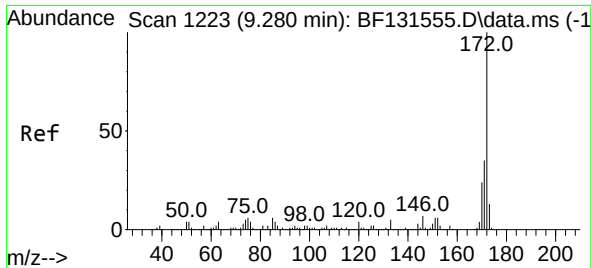


#44
2,4,5-Trichlorophenol
Concen: 44.667 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17



Tgt Ion:196 Resp: 136776
Ion Ratio Lower Upper
196 100
198 97.2 77.2 115.8
97 51.6 42.2 63.2
132 23.1 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 67.390 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF131674.D

Acq: 16 Dec 2022 19:17

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MSD

Tgt Ion:172 Resp: 664639

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

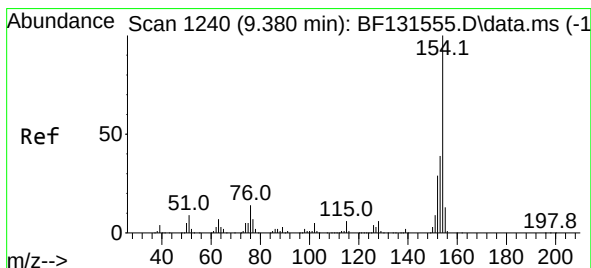
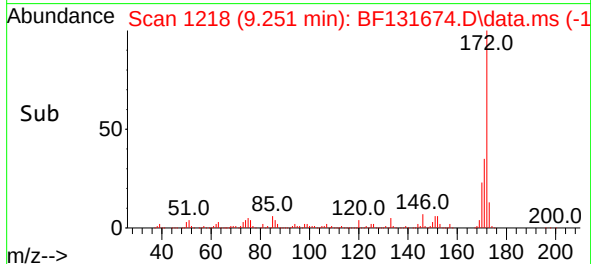
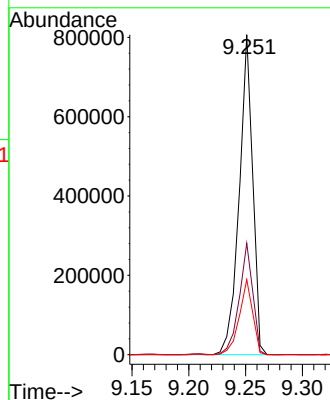
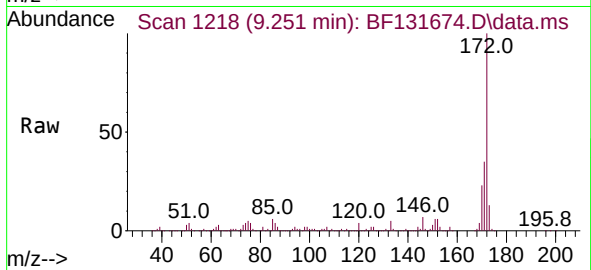
170 23.4 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#46

1,1'-Biphenyl

Concen: 46.207 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF131674.D

Acq: 16 Dec 2022 19:17

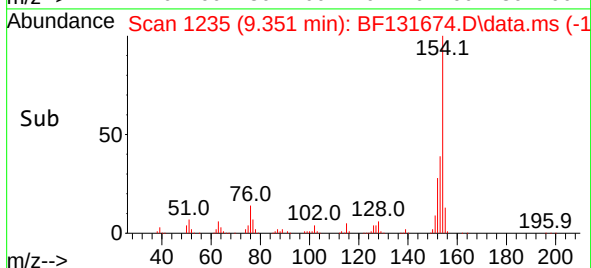
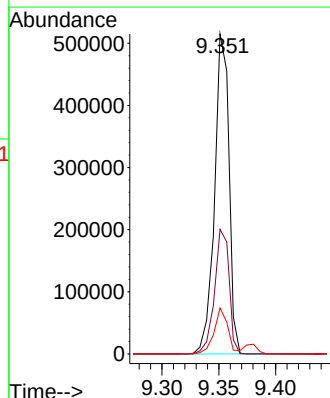
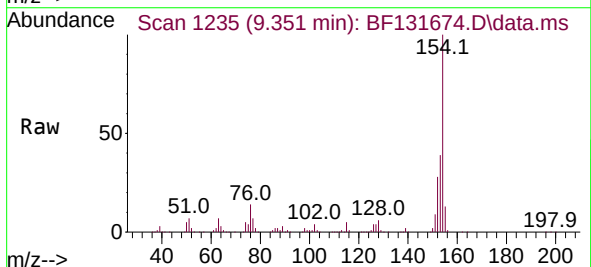
Tgt Ion:154 Resp: 454314

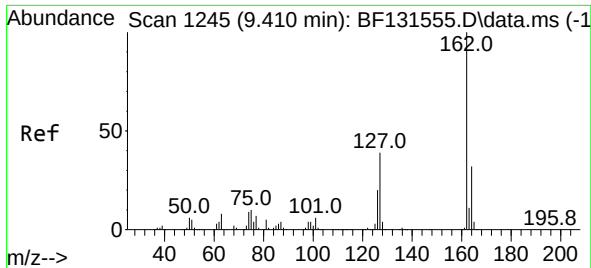
Ion Ratio Lower Upper

154 100

153 39.0 19.4 59.4

76 14.3 0.0 34.0





#47

2-Chloronaphthalene

Concen: 45.367 ng

RT: 9.380 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131674.D

Acq: 16 Dec 2022 19:17

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MSD

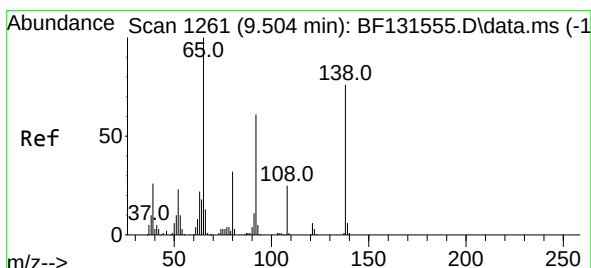
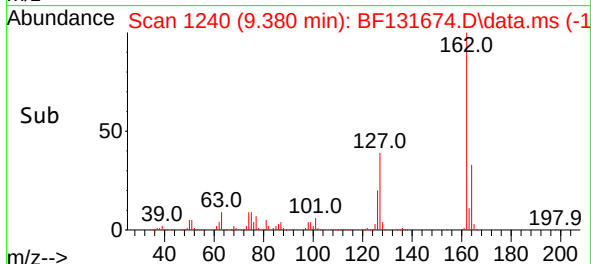
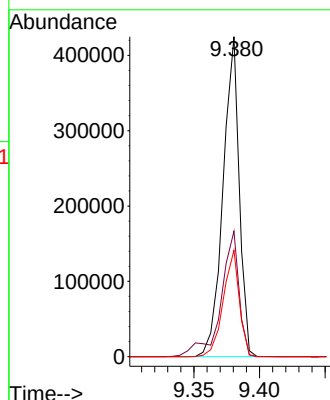
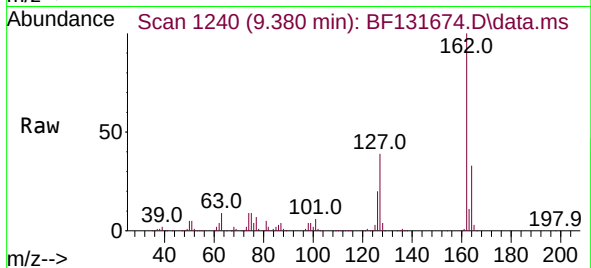
Tgt Ion:162 Resp: 363418
 Ion Ratio Lower Upper
 162 100
 127 39.2 31.4 47.2
 164 33.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#48

2-Nitroaniline

Concen: 46.124 ng

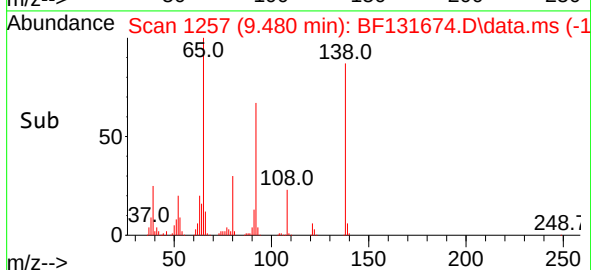
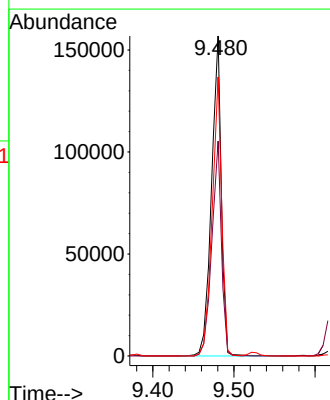
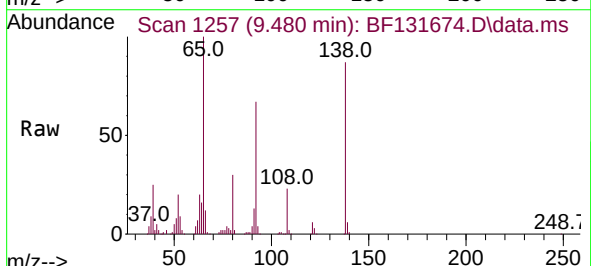
RT: 9.480 min Scan# 1257

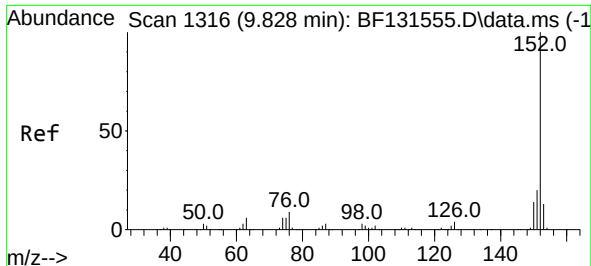
Delta R.T. -0.000 min

Lab File: BF131674.D

Acq: 16 Dec 2022 19:17

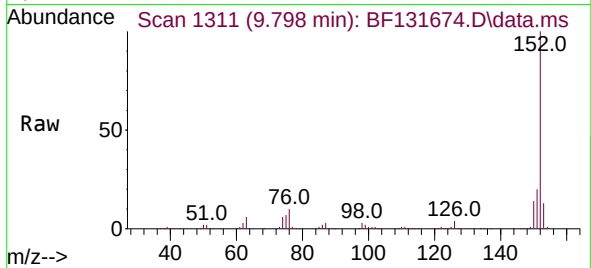
Tgt Ion: 65 Resp: 130887
 Ion Ratio Lower Upper
 65 100
 92 67.2 49.2 73.8
 138 87.2 60.7 91.1





#49
Acenaphthylene
Concen: 46.479 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

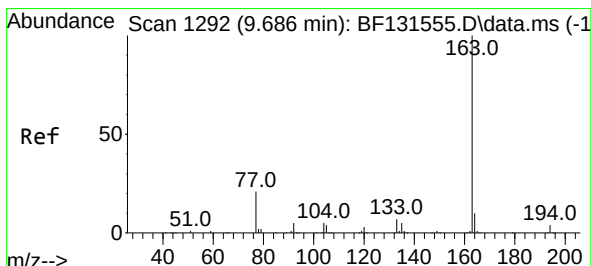
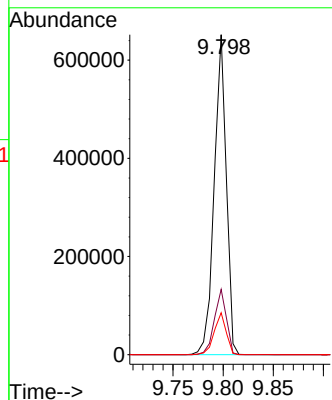
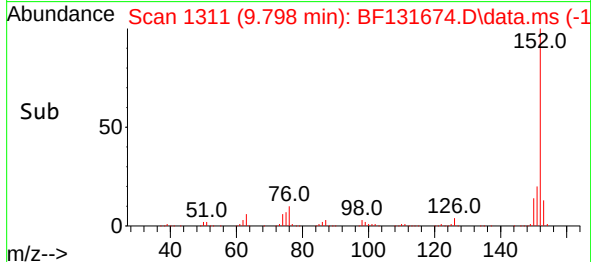
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



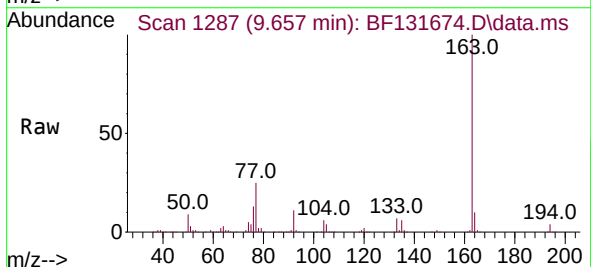
Tgt Ion:152 Resp: 546685
Ion Ratio Lower Upper
152 100
151 20.4 15.6 23.4
153 13.1 10.4 15.6

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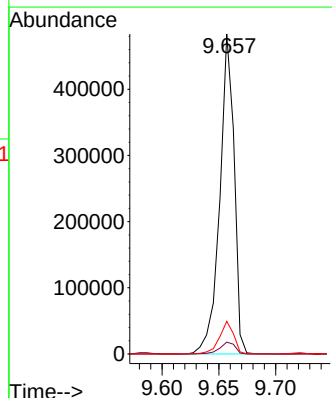
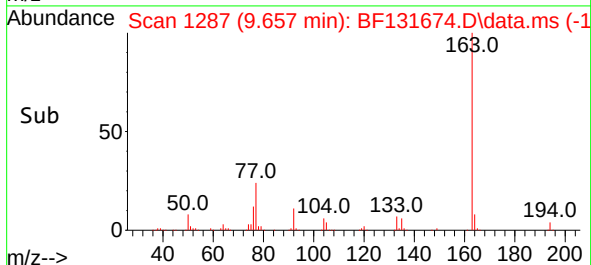
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

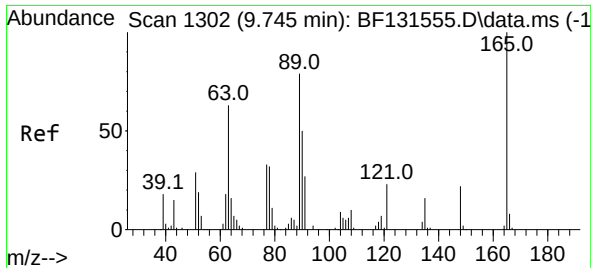


#50
Dimethylphthalate
Concen: 45.093 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17



Tgt Ion:163 Resp: 427477
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.2 7.8 11.6





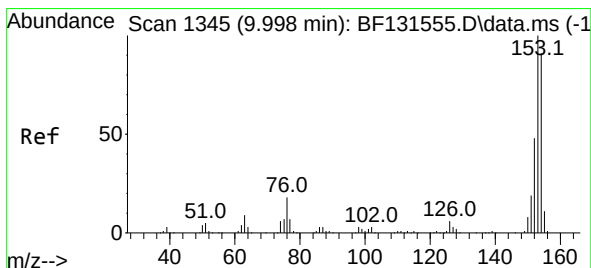
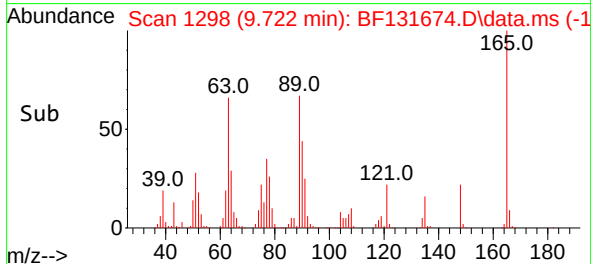
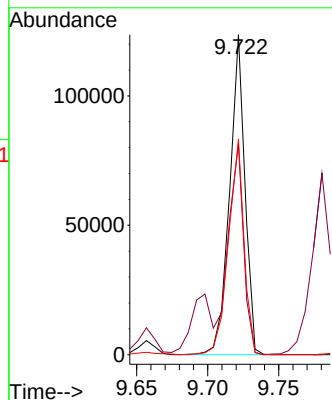
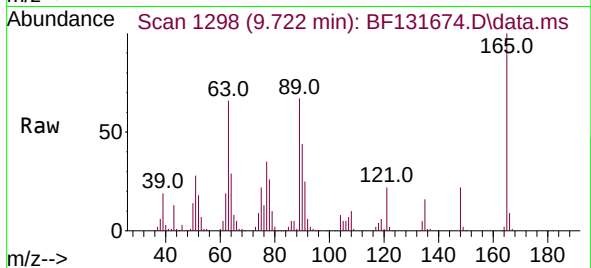
#51
2,6-Dinitrotoluene
Concen: 47.372 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD

Tgt Ion:165 Resp: 9271
Ion Ratio Lower Upper
165 100
63 65.8 67.9 101.9
89 67.2 63.2 94.8

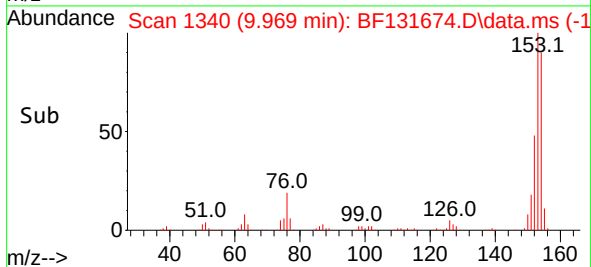
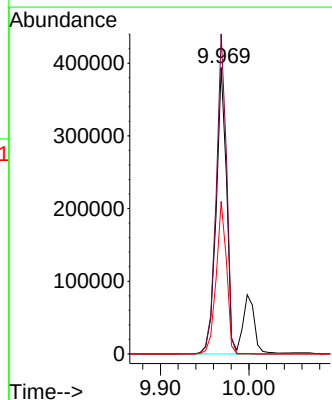
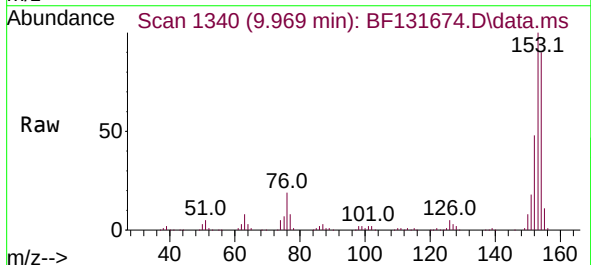
Manual Integrations
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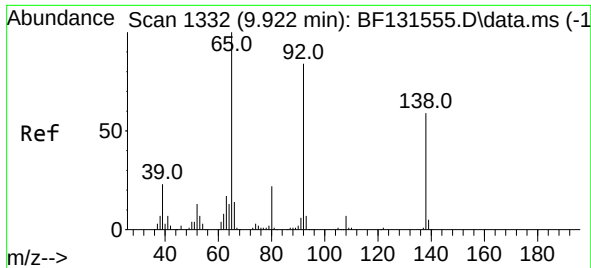
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#52
Acenaphthene
Concen: 50.191 ng m
RT: 9.969 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Tgt Ion:154 Resp: 395487
Ion Ratio Lower Upper
154 100
153 111.7 87.9 131.9
152 53.2 42.4 63.6





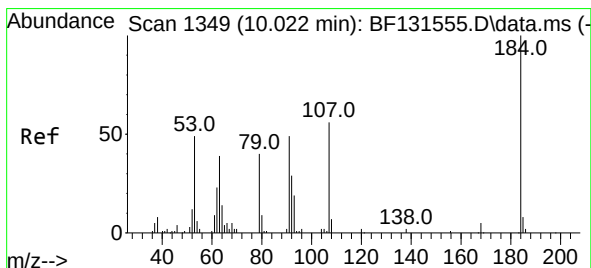
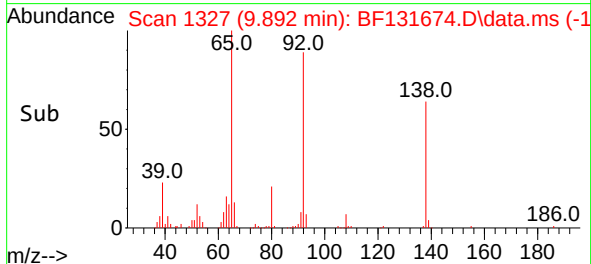
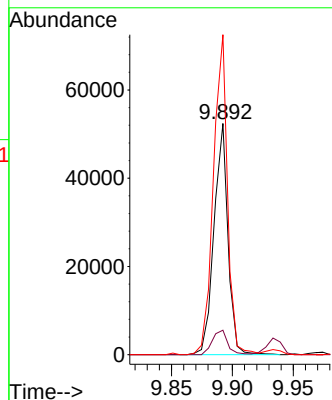
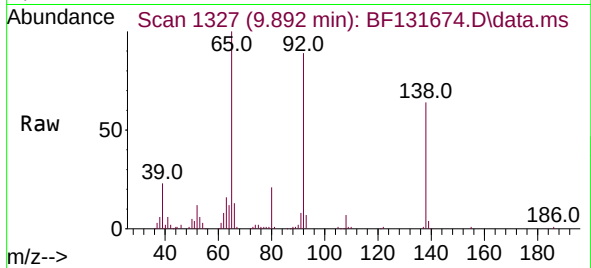
#53
3-Nitroaniline
Concen: 22.371 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD

Tgt Ion:138 Resp: 42000
Ion Ratio Lower Upper
138 100
108 10.6 9.6 14.4
92 138.4 113.4 170.0

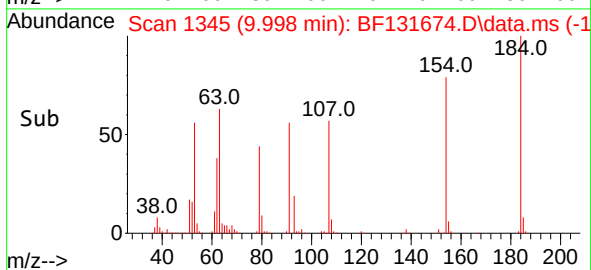
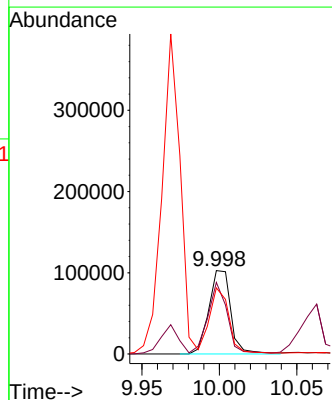
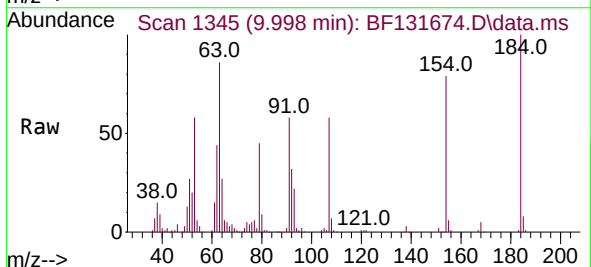
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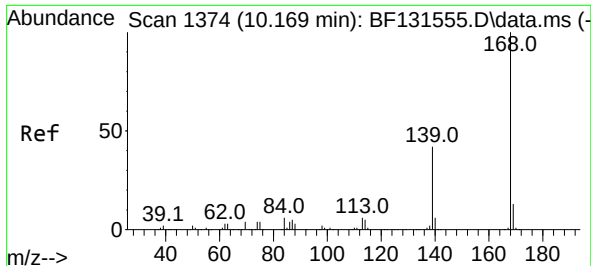
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#54
2,4-Dinitrophenol
Concen: 90.080 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

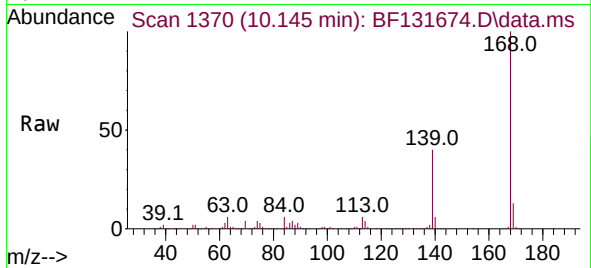
Tgt Ion:184 Resp: 101528
Ion Ratio Lower Upper
184 100
63 85.9 60.7 91.1
154 79.4 59.0 88.6





#55
Dibenzenofuran
Concen: 45.057 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

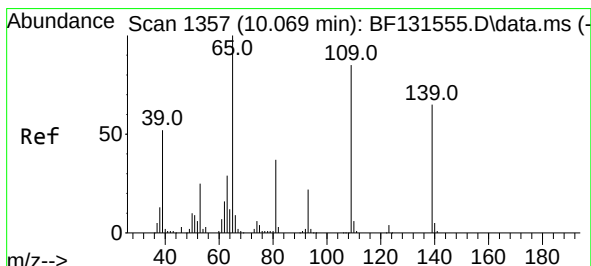
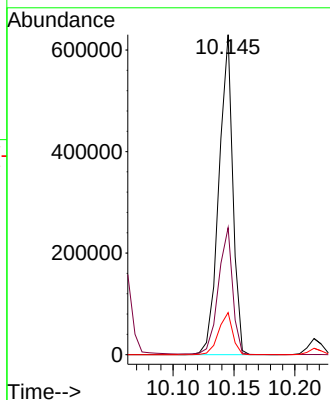
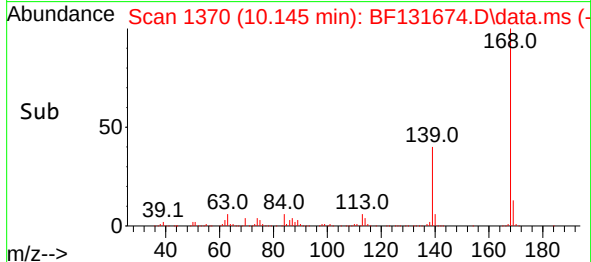
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



Tgt Ion:168 Resp: 50164
Ion Ratio Lower Upper
168 100
139 39.7 33.9 50.9
169 13.2 10.7 16.1

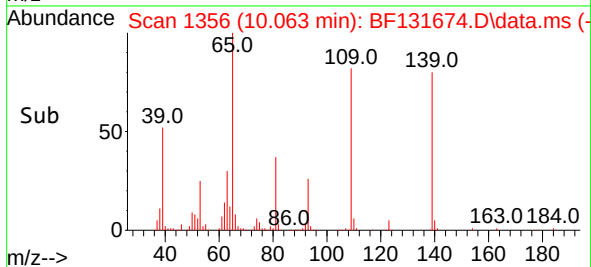
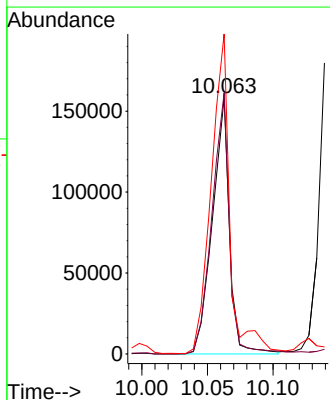
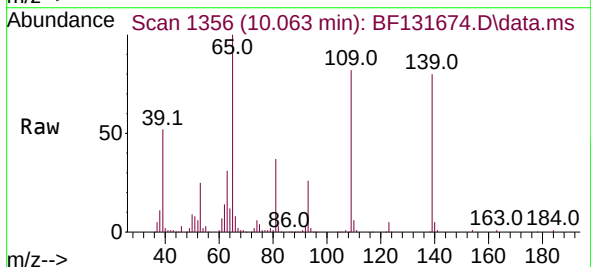
Manual Integrations
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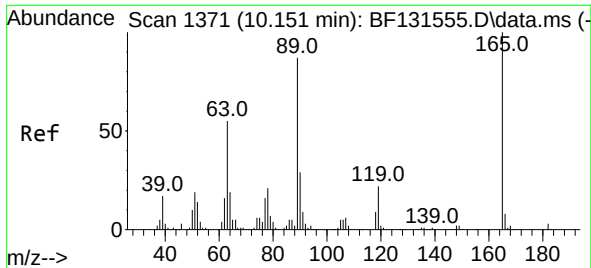
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#56
4-Nitrophenol
Concen: 109.844 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

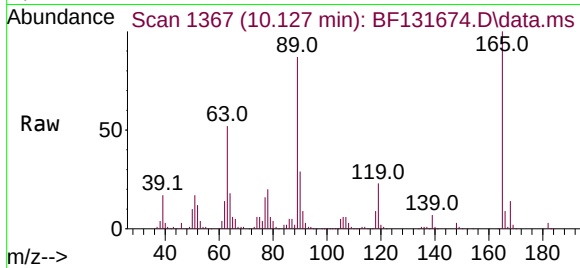
Tgt Ion:139 Resp: 143284
Ion Ratio Lower Upper
139 100
109 101.9 110.2 150.2#
65 124.9 133.3 173.3#





#57
2,4-Dinitrotoluene
Concen: 49.812 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

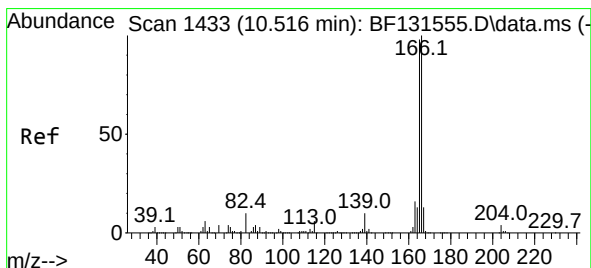
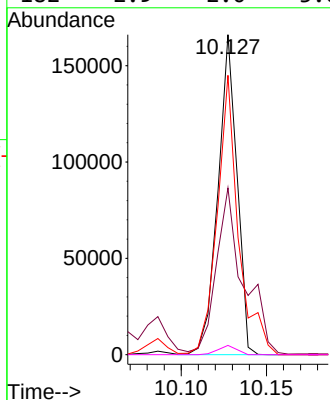
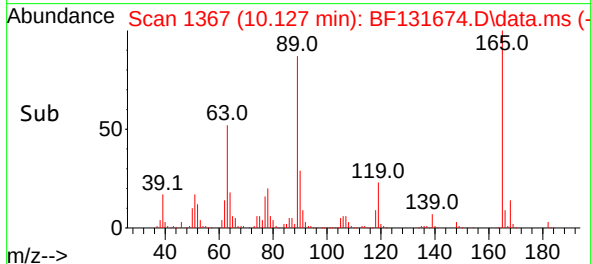
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



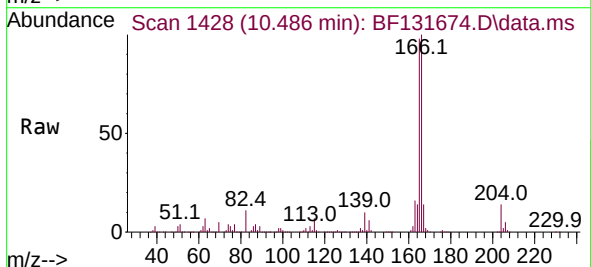
Tgt Ion:165 Resp: 129318
Ion Ratio Lower Upper
165 100
63 52.1 44.4 66.6
89 87.3 69.6 104.4
182 2.9 2.0 3.0

Manual Integrations
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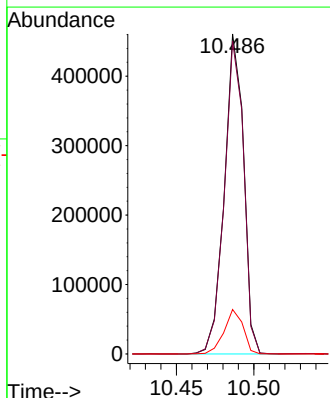
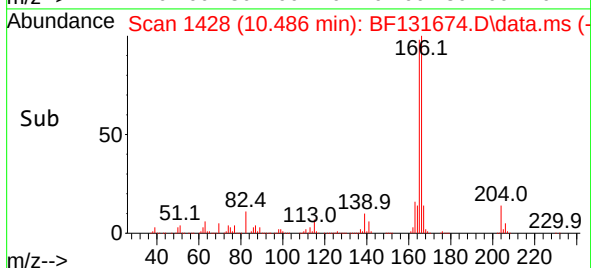
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

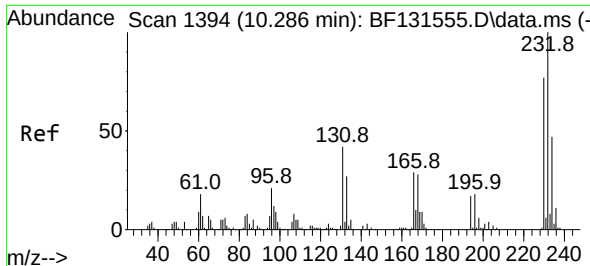


#58
Fluorene
Concen: 44.006 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17



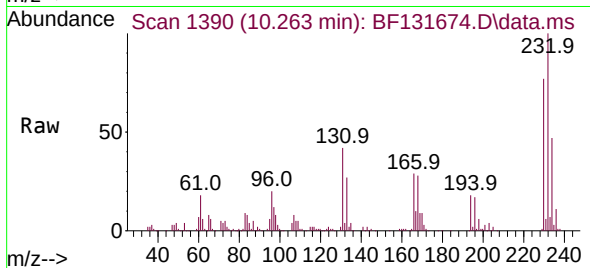
Tgt Ion:166 Resp: 398298
Ion Ratio Lower Upper
166 100
165 97.7 78.4 117.6
167 13.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.841 ng m
RT: 10.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

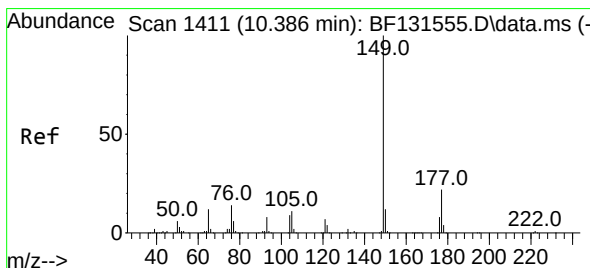
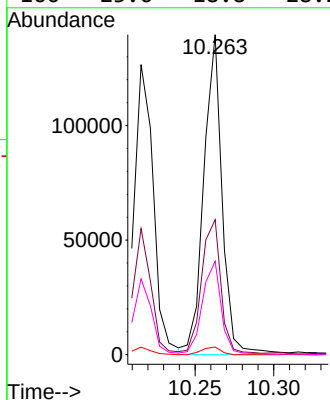
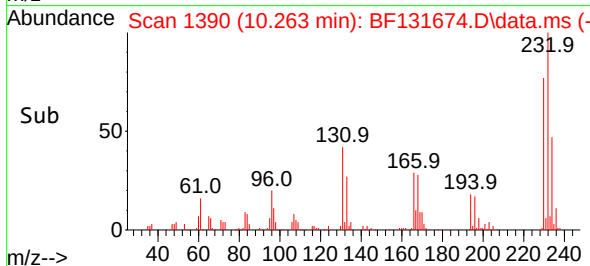
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



Tgt Ion:232 Resp: 113680
Ion Ratio Lower Upper
232 100
131 38.6 31.0 46.6
130 2.2 1.8 2.8
166 23.6 18.8 28.2

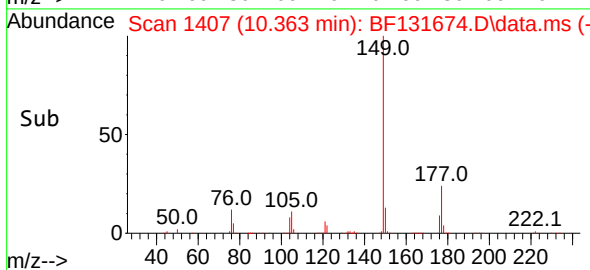
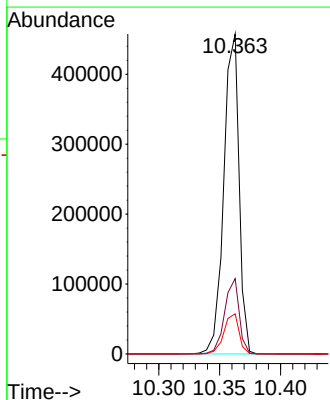
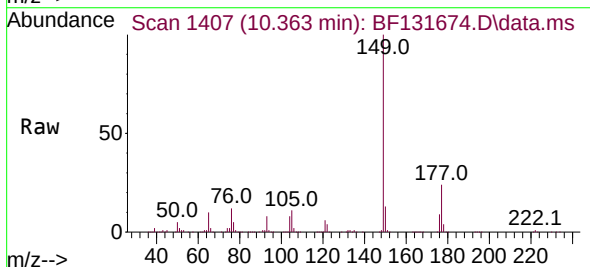
Manual Integrations
APPROVED

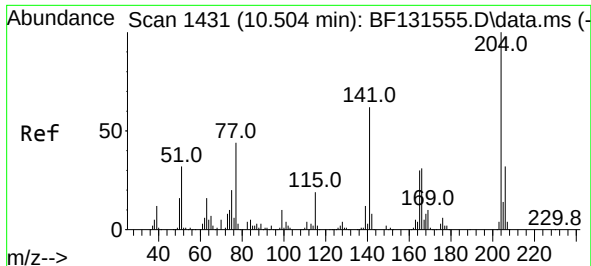
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#60
Diethylphthalate
Concen: 43.915 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

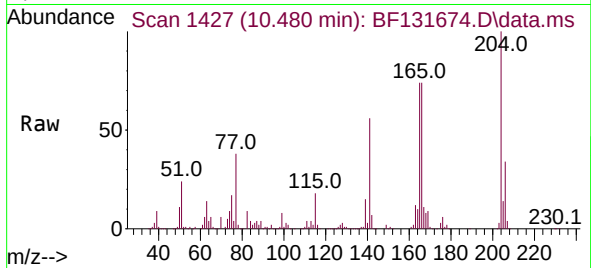
Tgt Ion:149 Resp: 399503
Ion Ratio Lower Upper
149 100
177 23.6 17.4 26.2
150 12.6 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 43.235 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

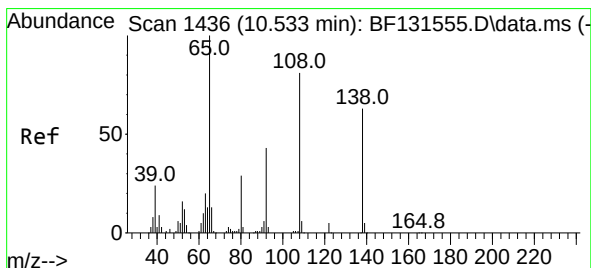
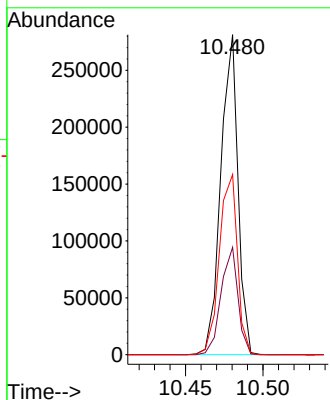
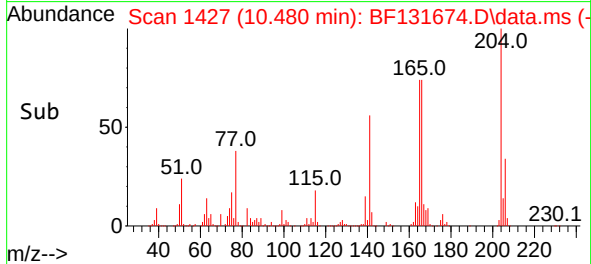
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



Tgt Ion:204 Resp: 21625
Ion Ratio Lower Upper
204 100
206 33.5 25.4 38.2
141 56.3 49.5 74.3

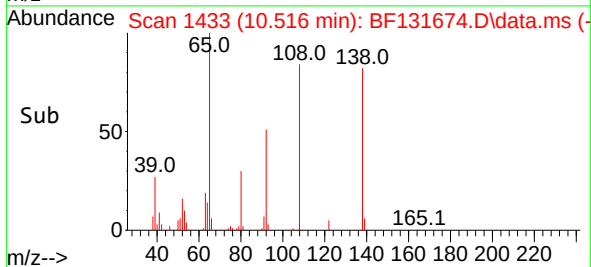
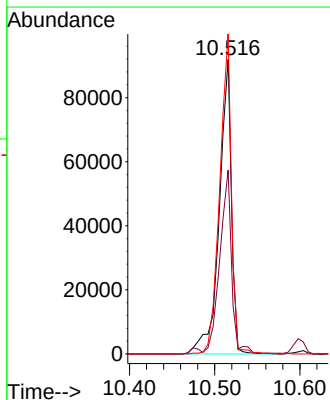
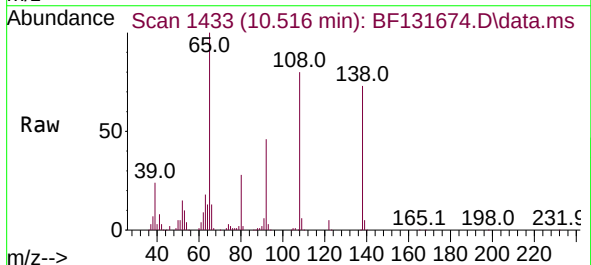
Manual Integrations
APPROVED

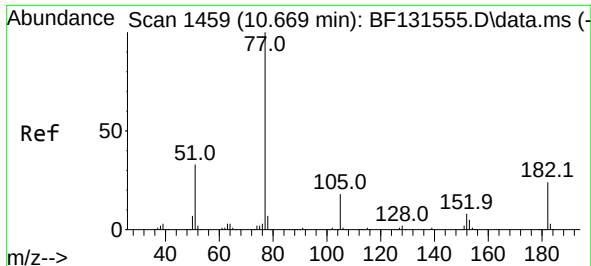
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#62
4-Nitroaniline
Concen: 48.956 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

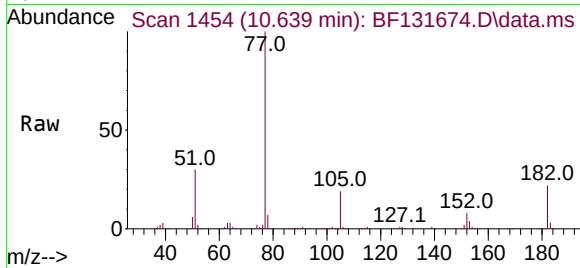
Tgt Ion:138 Resp: 91094
Ion Ratio Lower Upper
138 100
92 62.4 47.5 87.5
108 108.7 108.8 148.8#





#63
Azobenzene
Concen: 44.310 ng
RT: 10.639 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

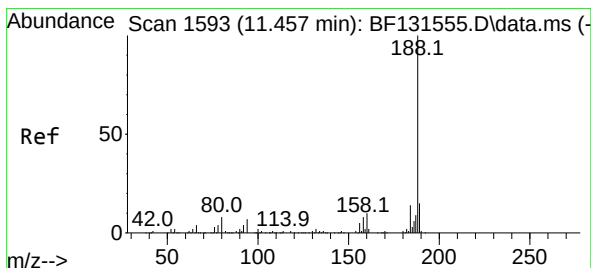
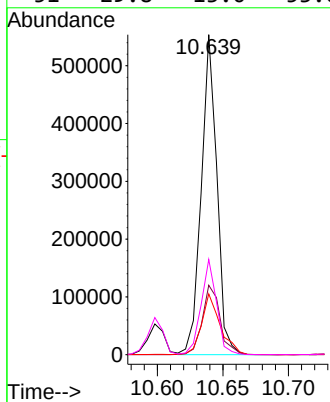
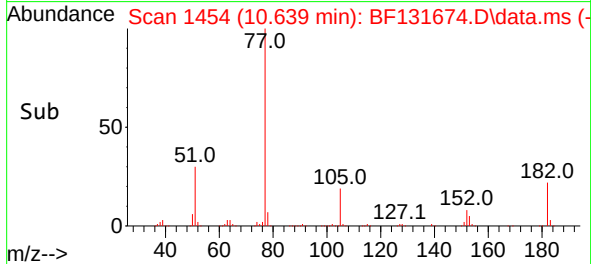
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



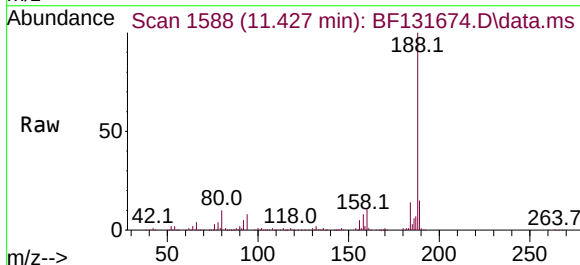
Tgt Ion: 77 Resp: 459749
Ion Ratio Lower Upper
77 100
182 21.7 3.9 43.9
105 19.0 0.0 38.3
51 29.8 13.0 53.0

Manual Integrations
APPROVED

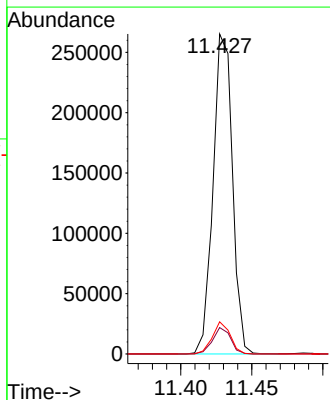
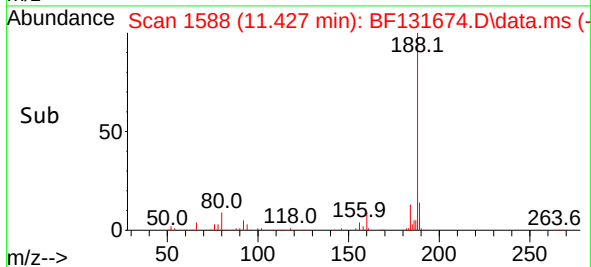
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

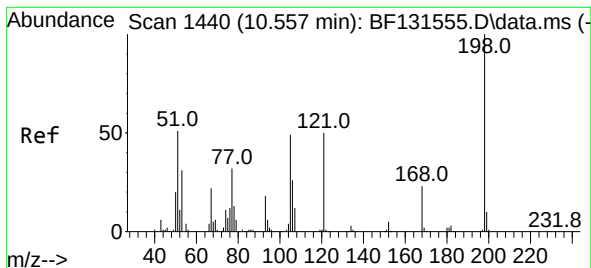


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17



Tgt Ion:188 Resp: 251518
Ion Ratio Lower Upper
188 100
94 8.3 5.5 8.3
80 10.0 6.6 10.0#





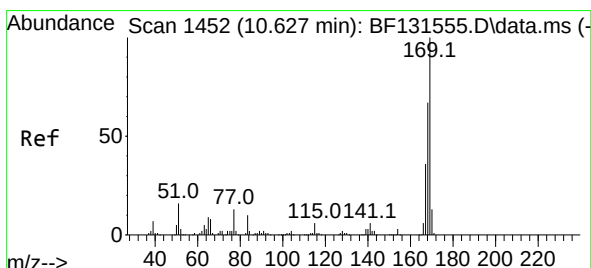
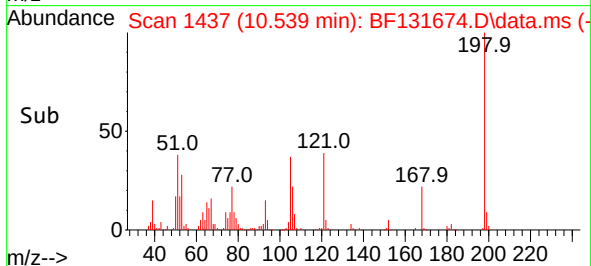
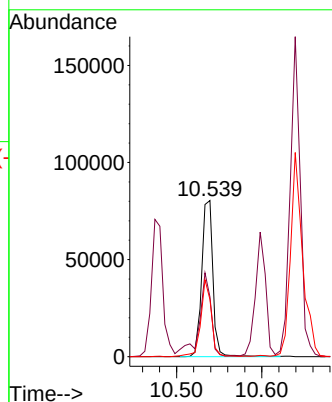
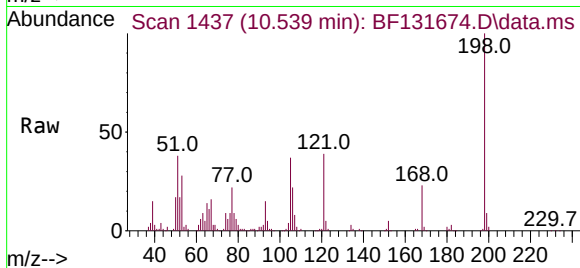
#65
4,6-Dinitro-2-methylphenol
Concen: 46.232 ng
RT: 10.539 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD

Tgt Ion:198 Resp: 73650
Ion Ratio Lower Upper
198 100
51 38.2 36.7 76.7
105 36.5 29.9 69.9

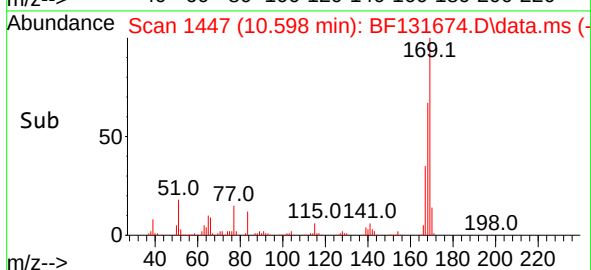
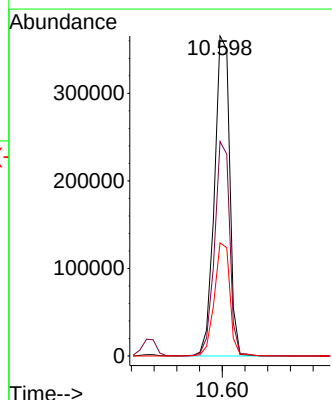
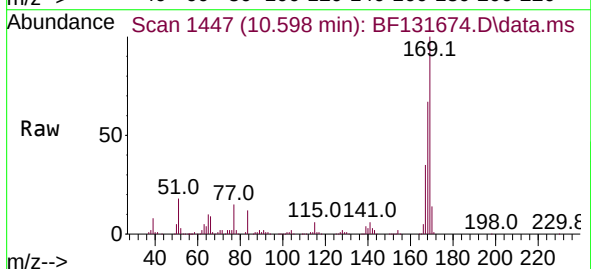
Manual Integrations
APPROVED

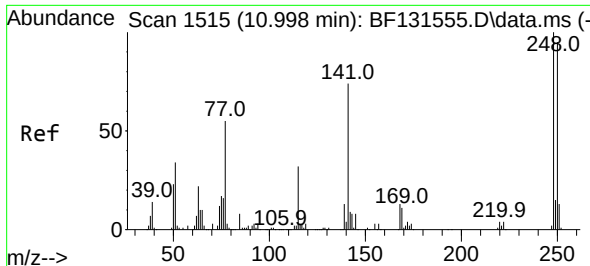
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#66
n-Nitrosodiphenylamine
Concen: 41.814 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

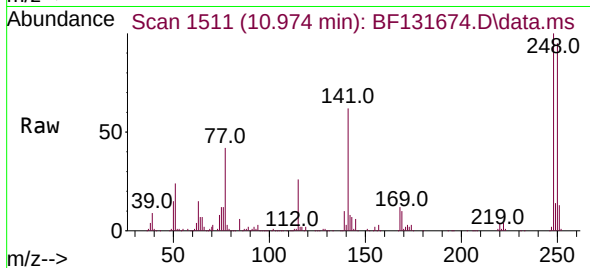
Tgt Ion:169 Resp: 340003
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.6
167 35.4 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 40.018 ng
RT: 10.974 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

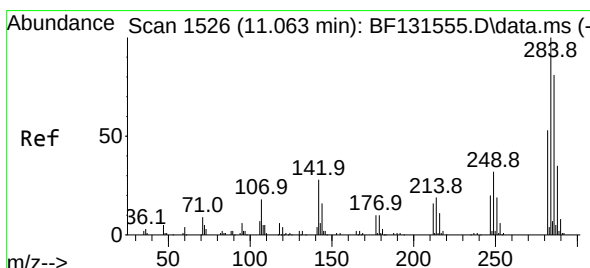
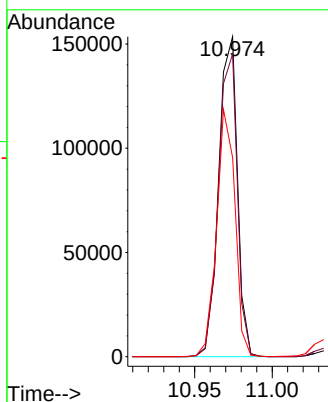
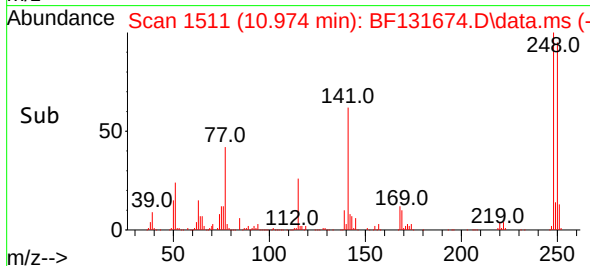
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



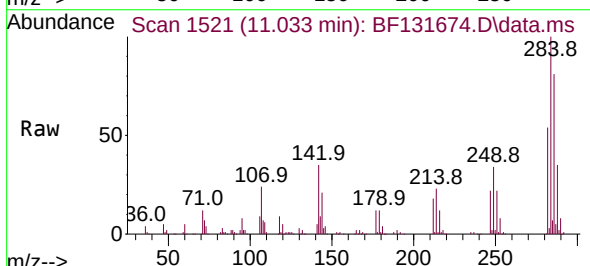
Tgt Ion:248 Resp: 12948
Ion Ratio Lower Upper
248 100
250 94.6 76.2 114.2
141 62.2 59.5 89.3

Manual Integrations
APPROVED

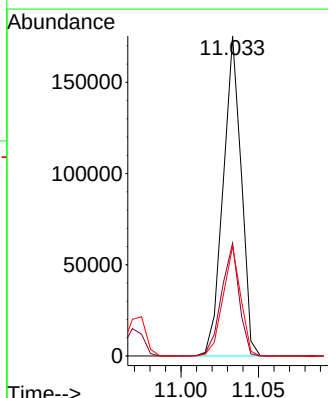
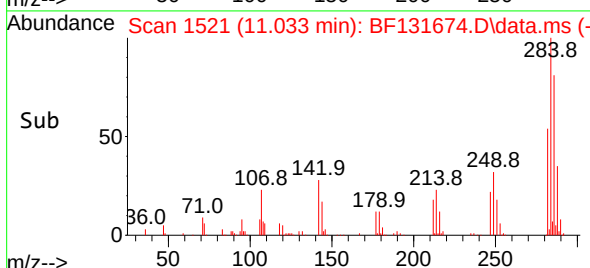
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

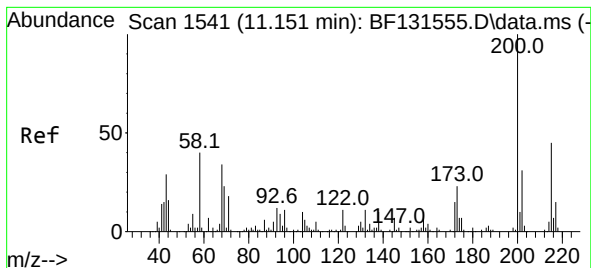


#68
Hexachlorobenzene
Concen: 40.610 ng
RT: 11.033 min Scan# 1521
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17



Tgt Ion:284 Resp: 142129
Ion Ratio Lower Upper
284 100
142 35.3 22.3 33.5#
249 34.2 25.4 38.2





#69

Atrazine

Concen: 50.251 ng

RT: 11.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131674.D

Acq: 16 Dec 2022 19:17

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MSD

Tgt Ion:200 Resp: 12975

Ion Ratio Lower Upper

200 100

173 23.9 3.4 43.4

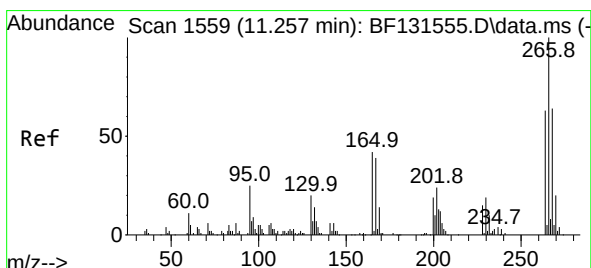
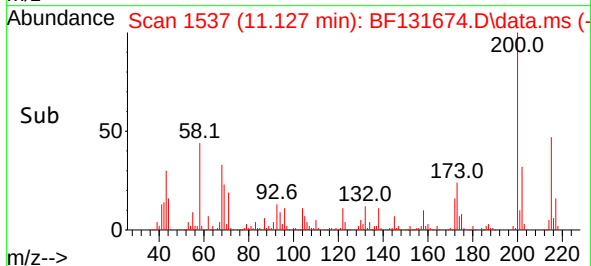
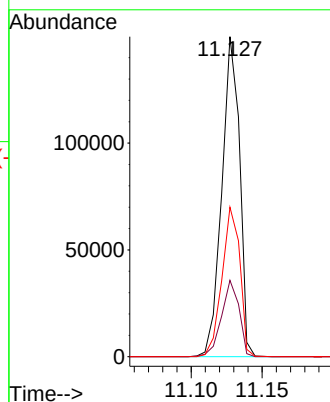
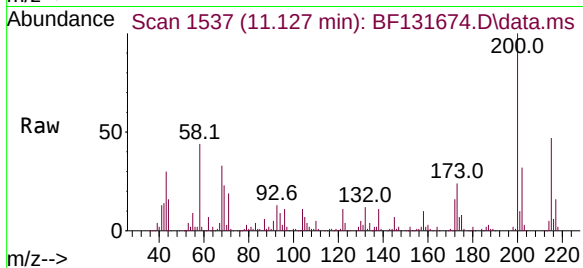
215 46.7 25.0 65.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#70

Pentachlorophenol

Concen: 83.870 ng

RT: 11.233 min Scan# 1555

Delta R.T. 0.006 min

Lab File: BF131674.D

Acq: 16 Dec 2022 19:17

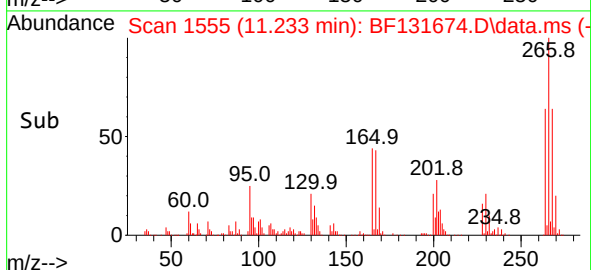
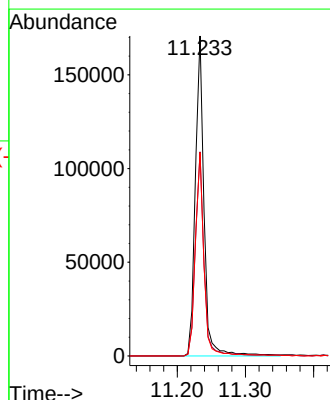
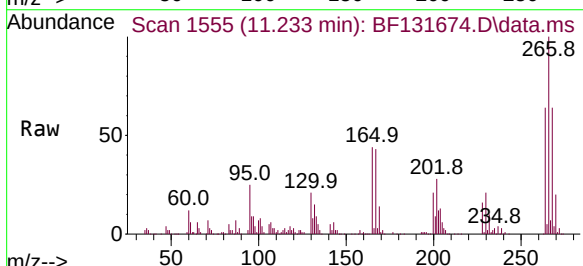
Tgt Ion:266 Resp: 151112

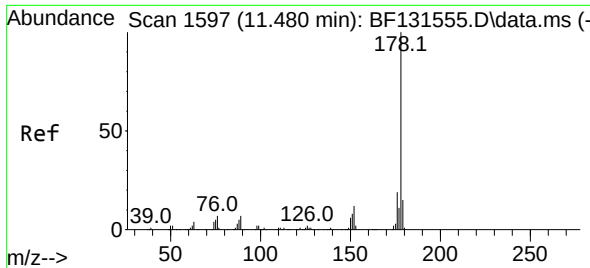
Ion Ratio Lower Upper

266 100

268 63.8 51.5 77.3

264 63.6 50.7 76.1





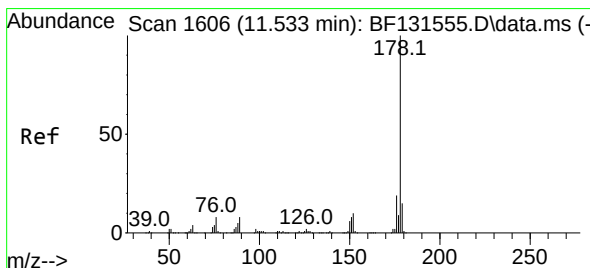
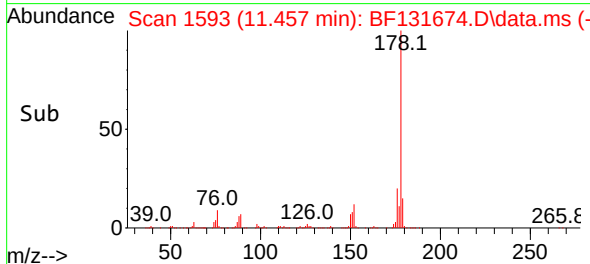
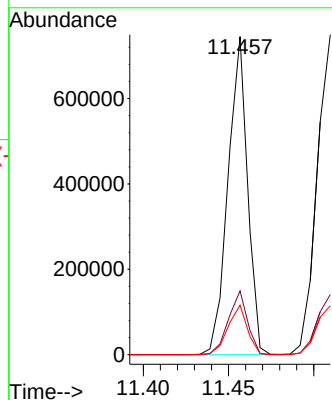
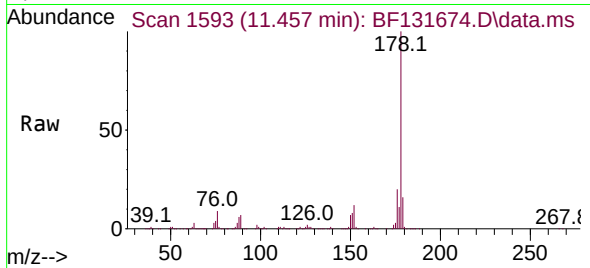
#71
Phenanthrene
Concen: 42.492 ng
RT: 11.457 min Scan# 11457
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD

Tgt Ion:178 Resp: 595714
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.0
179 15.5 12.2 18.4

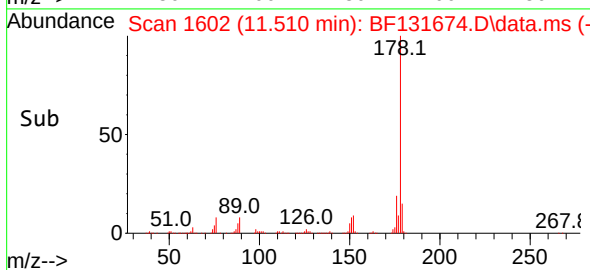
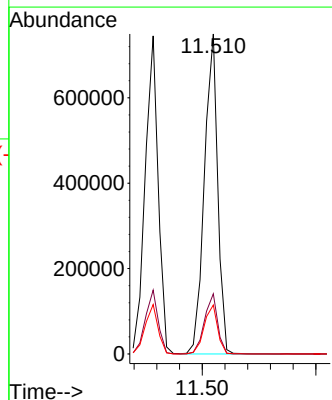
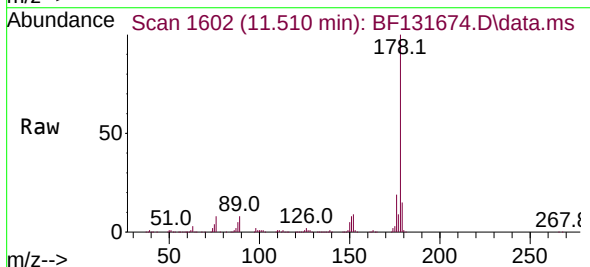
Manual Integrations
APPROVED

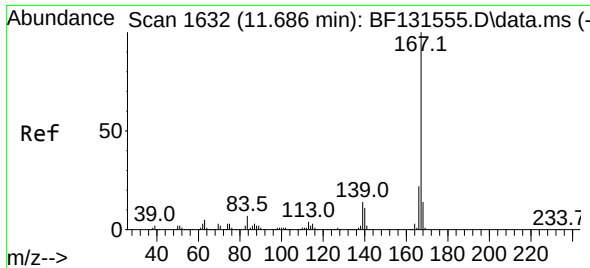
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#72
Anthracene
Concen: 44.705 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

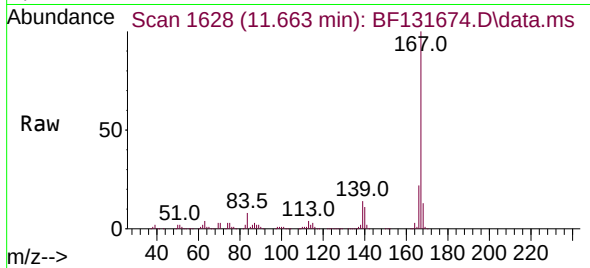
Tgt Ion:178 Resp: 609751
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.3 12.3 18.5





#73
 Carbazole
 Concen: 48.704 ng
 RT: 11.663 min Scan# 1628
 Delta R.T. -0.000 min
 Lab File: BF131674.D
 Acq: 16 Dec 2022 19:17

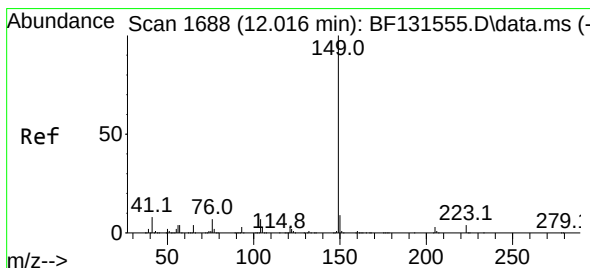
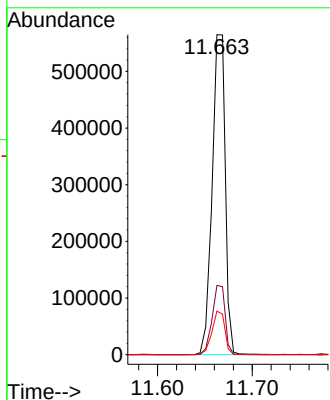
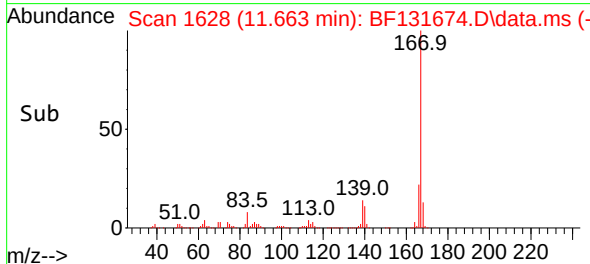
Instrument :
 BNA_F
 ClientSampleId :
 RB-22-(8-10)MSD



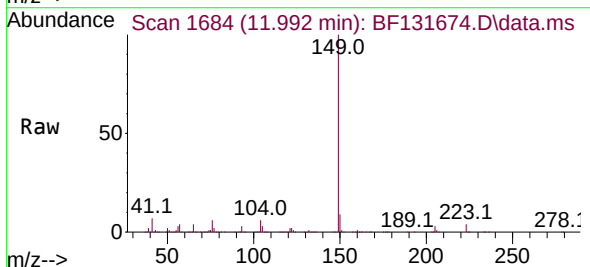
Tgt Ion:167 Resp: 542228
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.6 11.0 16.4

Manual Integrations
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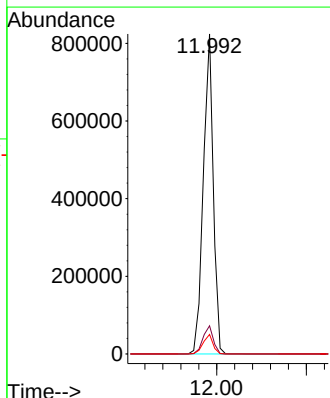
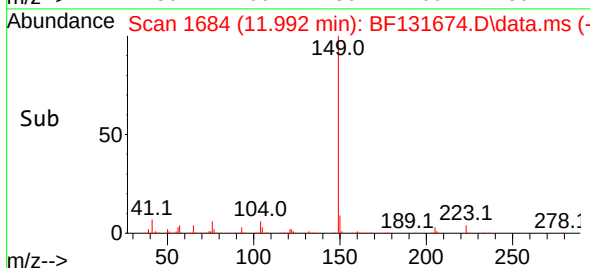
Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

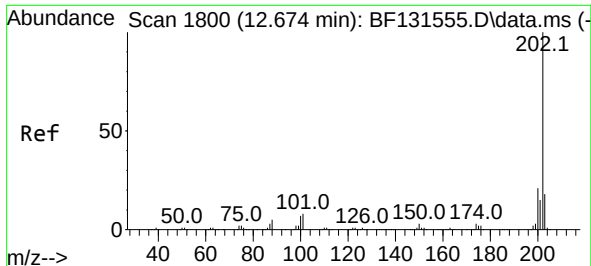


#74
 Di-n-butylphthalate
 Concen: 46.225 ng
 RT: 11.992 min Scan# 1684
 Delta R.T. -0.000 min
 Lab File: BF131674.D
 Acq: 16 Dec 2022 19:17



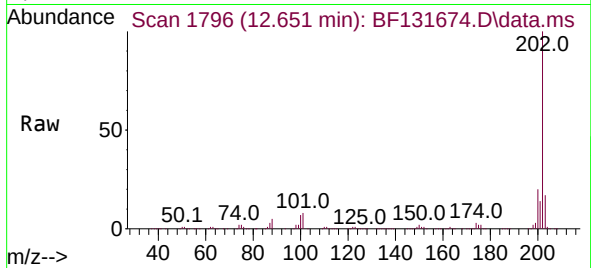
Tgt Ion:149 Resp: 631359
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.2 10.8
 104 6.1 5.2 7.8





#75
Fluoranthene
Concen: 47.815 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

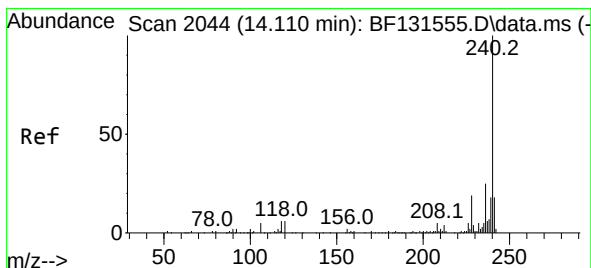
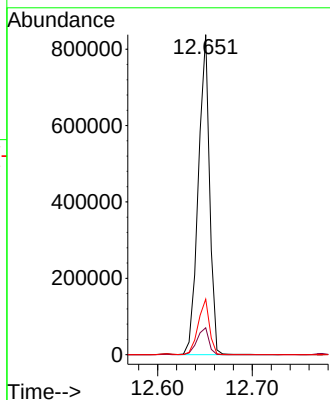
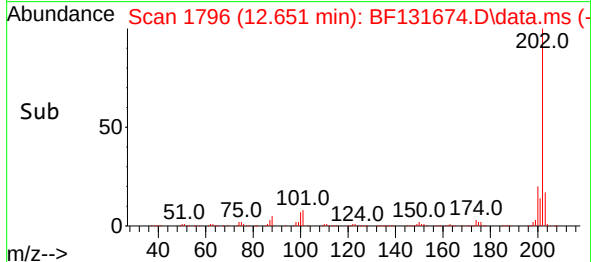
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



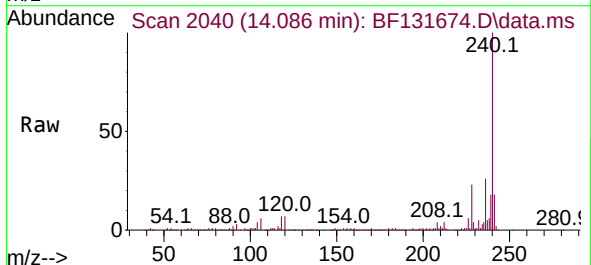
Tgt Ion:202 Resp: 690262
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.7
203 17.3 0.0 37.7

Manual Integrations
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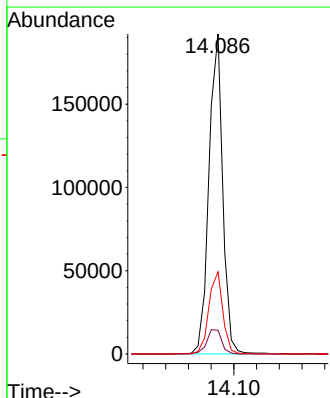
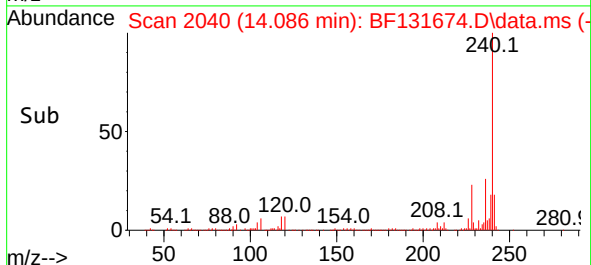
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

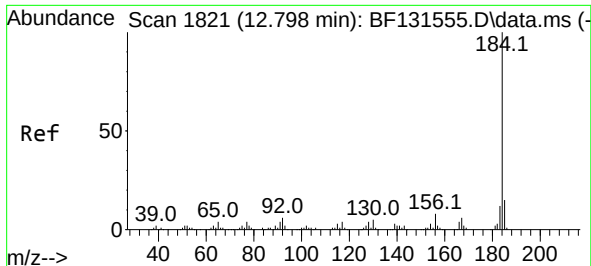


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17



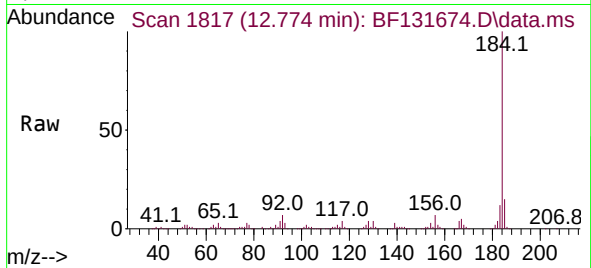
Tgt Ion:240 Resp: 161517
Ion Ratio Lower Upper
240 100
120 7.4 4.6 7.0#
236 25.7 20.2 30.2





#77
Benzidine
Concen: 64.927 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

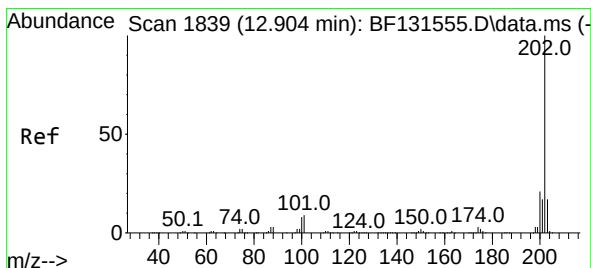
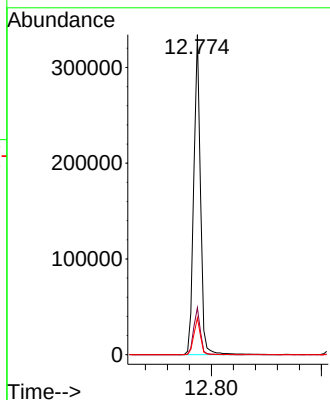
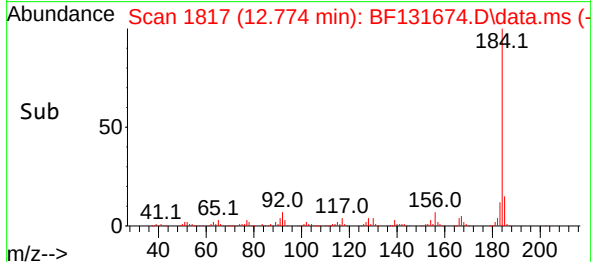
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



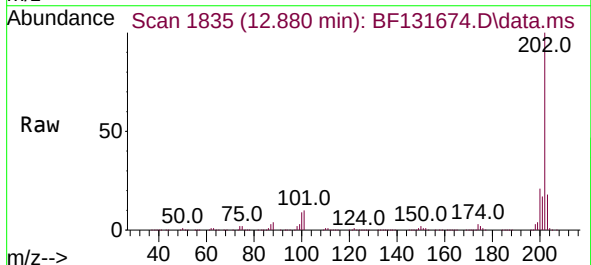
Tgt Ion:184 Resp: 280984
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.2
183 11.5 9.3 13.9

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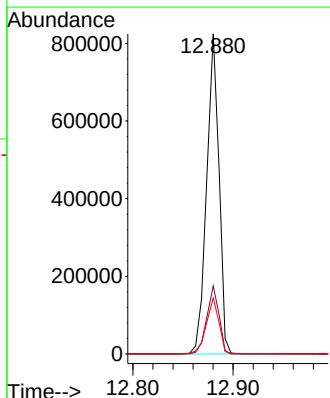
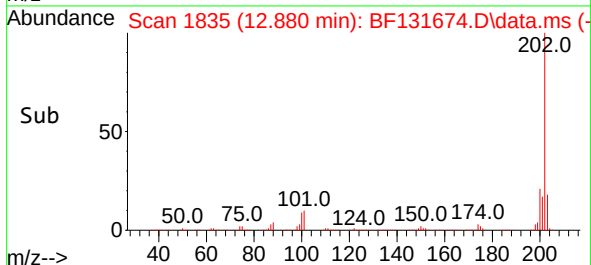
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

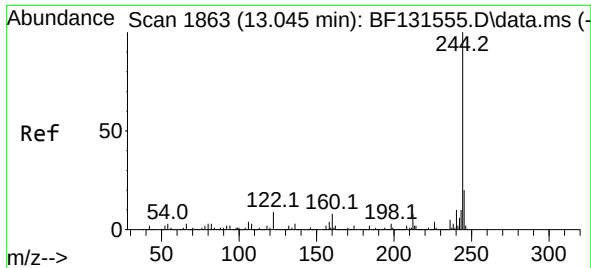


#78
Pyrene
Concen: 44.357 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17



Tgt Ion:202 Resp: 706443
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 17.5 13.8 20.6





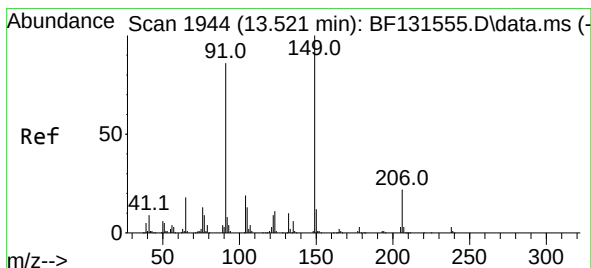
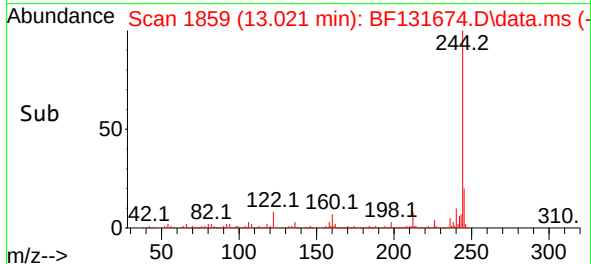
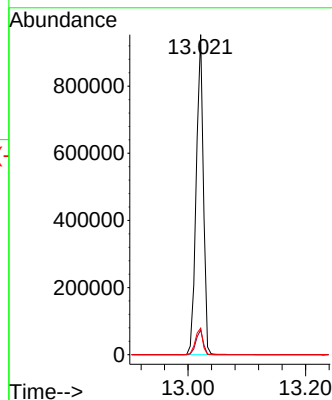
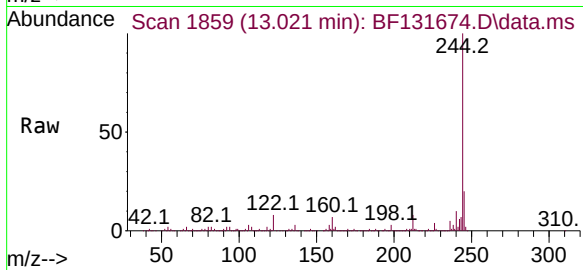
#79
Terphenyl-d14
Concen: 68.228 ng
RT: 13.021 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD

Tgt Ion:244 Resp: 80355
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 8.3 7.1 10.7

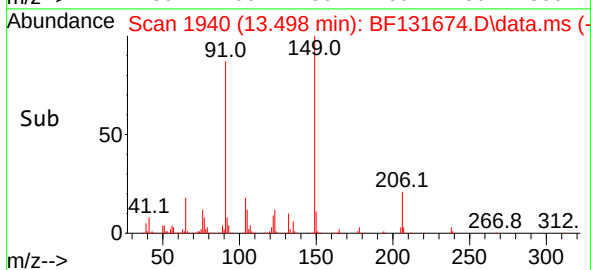
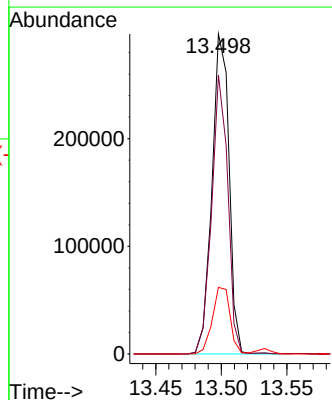
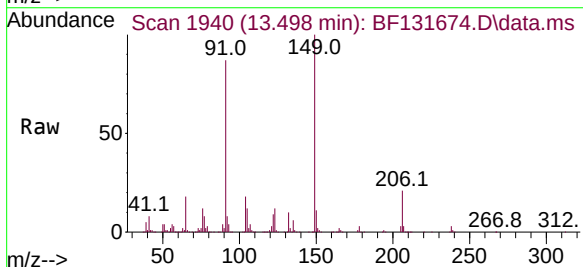
Manual Integrations
APPROVED

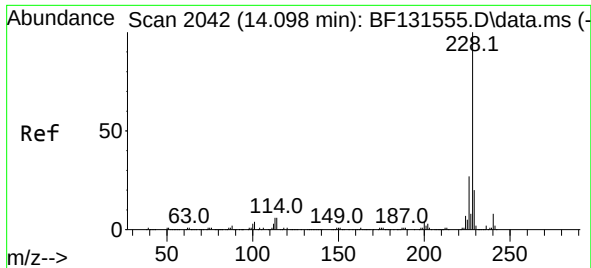
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#80
Butylbenzylphthalate
Concen: 58.495 ng
RT: 13.498 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

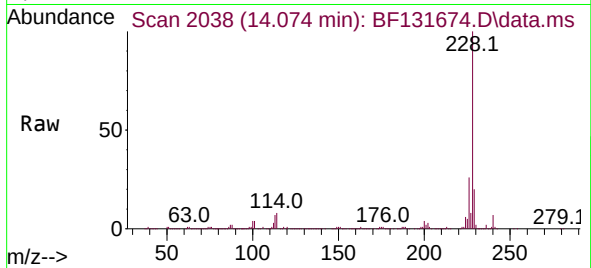
Tgt Ion:149 Resp: 269604
Ion Ratio Lower Upper
149 100
91 87.1 69.0 103.4
206 20.8 17.8 26.8





#81
Benzo(a)anthracene
Concen: 45.383 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

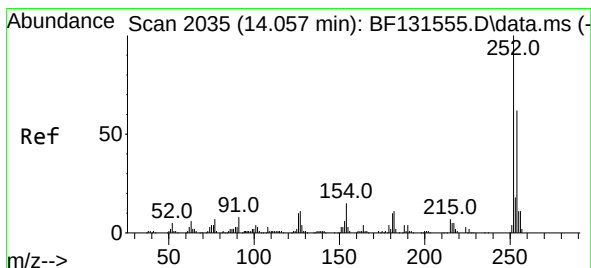
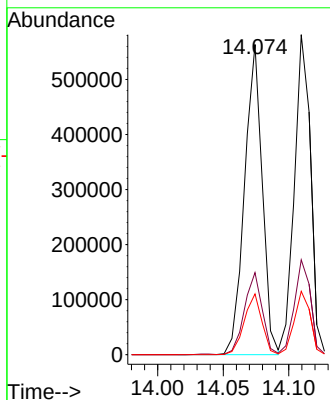
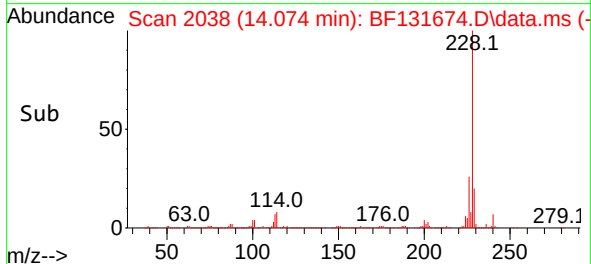
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



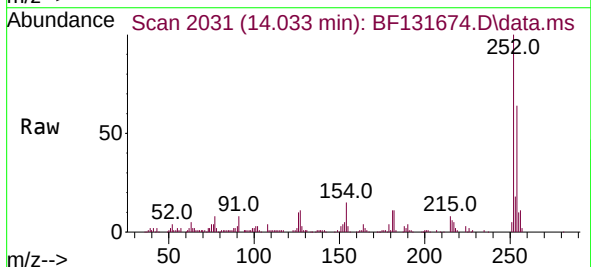
Tgt Ion:228 Resp: 529349
Ion Ratio Lower Upper
228 100
226 26.5 21.5 32.3
229 19.6 15.8 23.6

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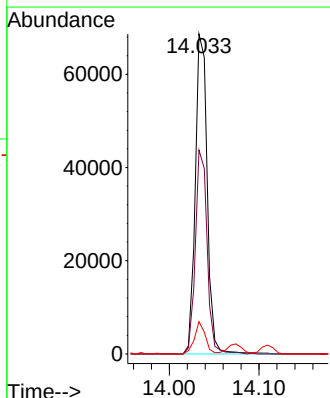
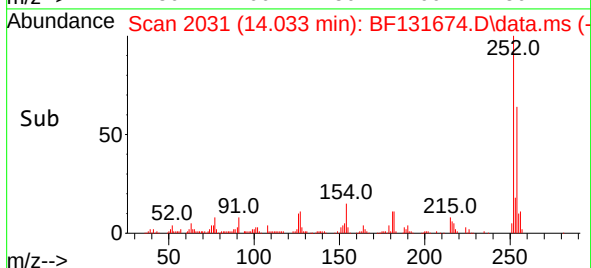
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

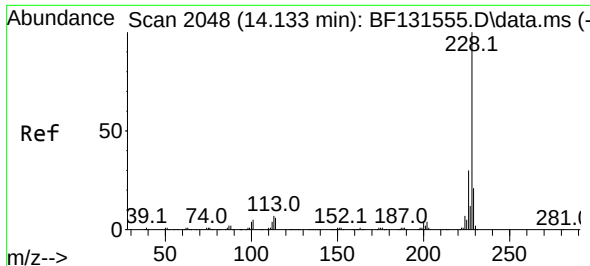


#82
3,3'-Dichlorobenzidine
Concen: 19.104 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17



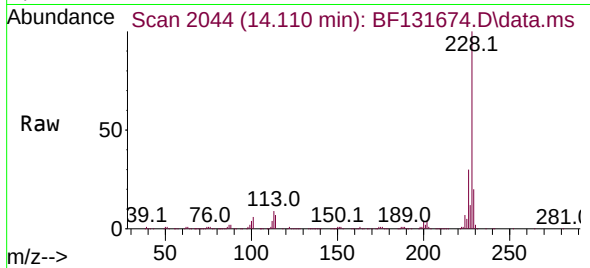
Tgt Ion:252 Resp: 63398
Ion Ratio Lower Upper
252 100
254 63.7 49.6 74.4
126 10.1 7.9 11.9





#83
Chrysene
Concen: 45.043 ng
RT: 14.110 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

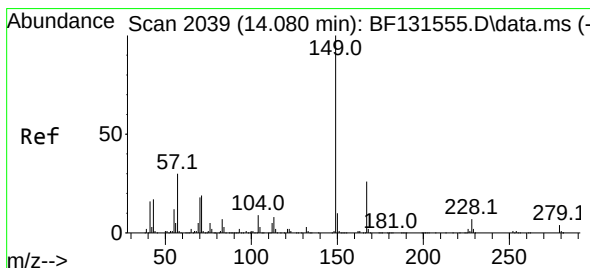
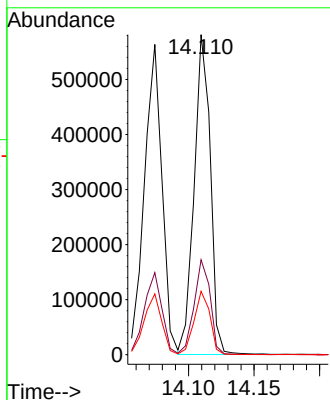
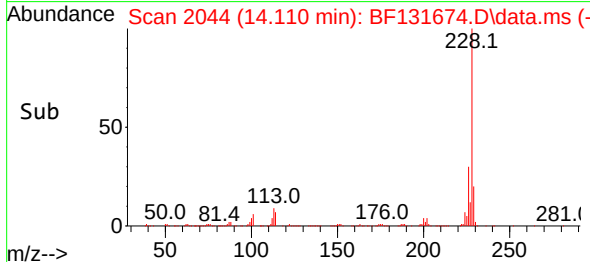
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



Tgt Ion:228 Resp: 499485
Ion Ratio Lower Upper
228 100
226 29.6 23.9 35.9
229 19.8 16.7 25.1

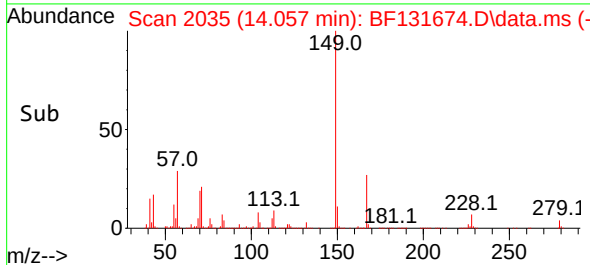
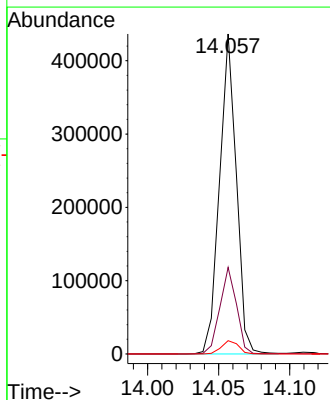
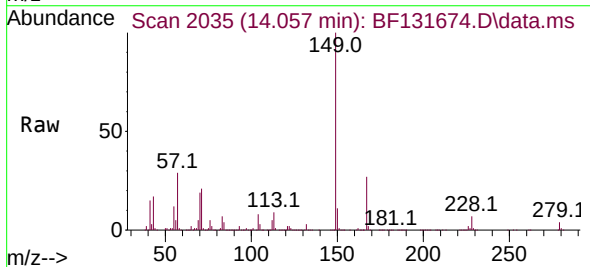
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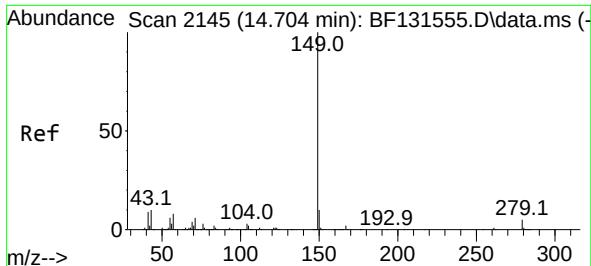
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.479 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

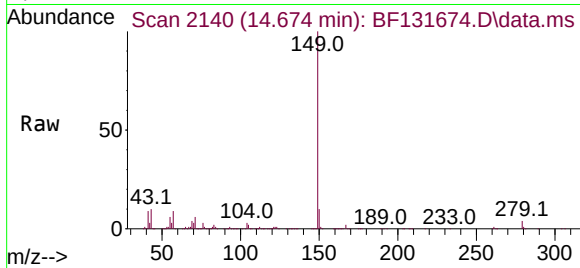
Tgt Ion:149 Resp: 358224
Ion Ratio Lower Upper
149 100
167 27.0 20.8 31.2
279 4.1 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 50.249 ng
RT: 14.674 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

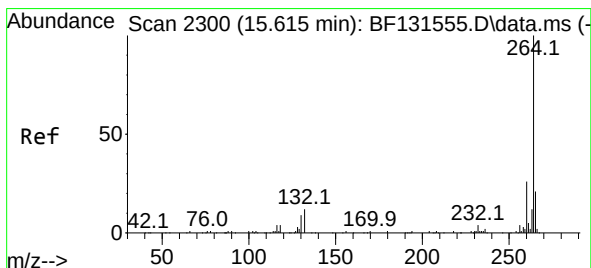
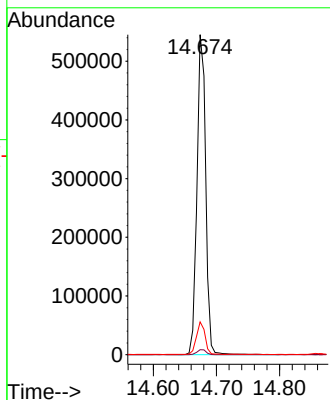
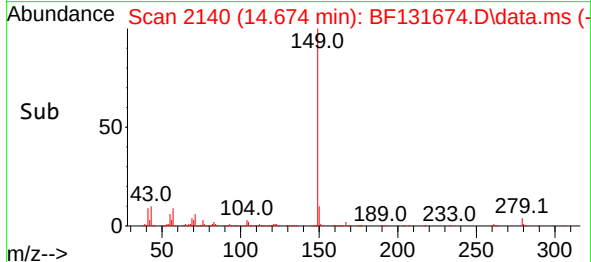
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



Tgt Ion:149 Resp: 519811
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.0 8.6 13.0

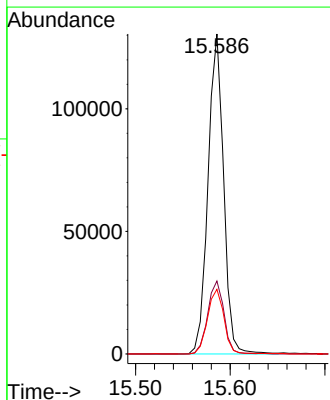
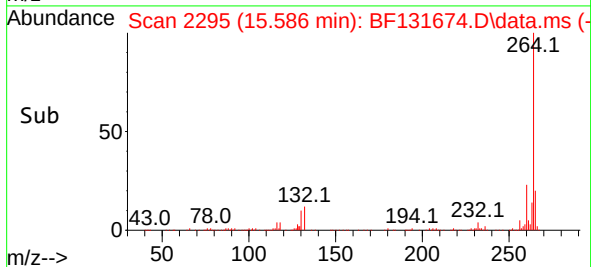
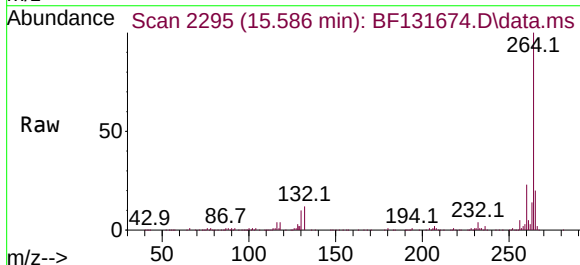
Manual Integrations
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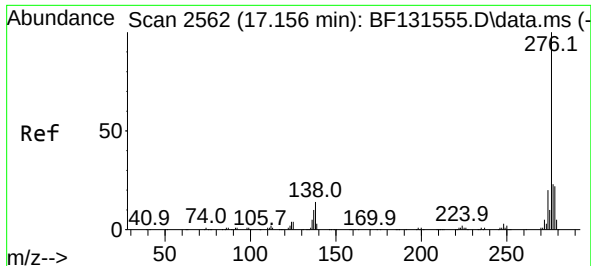
Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

Tgt Ion:264 Resp: 149384
Ion Ratio Lower Upper
264 100
260 22.8 20.6 30.8
265 20.2 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.222 ng

RT: 17.115 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131674.D

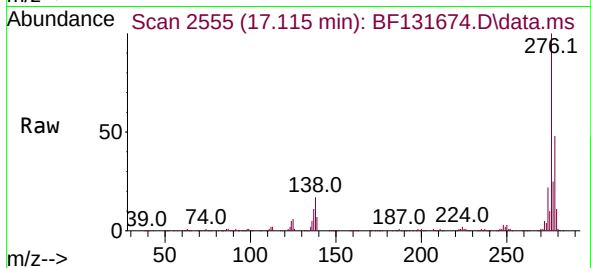
Acq: 16 Dec 2022 19:17

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MSD



Tgt Ion:276 Resp: 526938

Ion Ratio Lower Upper

276 100

138 17.8 12.7 19.1

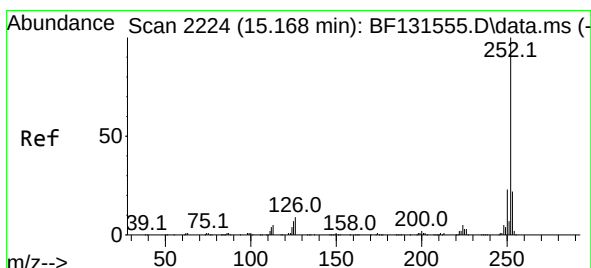
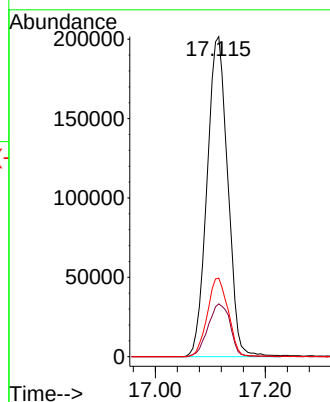
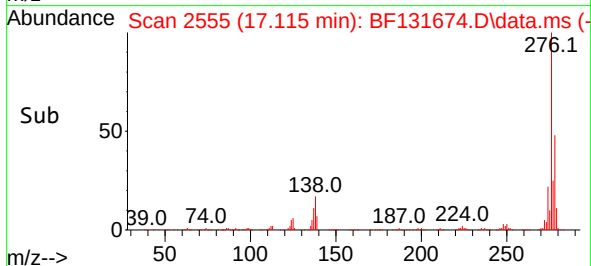
277 24.9 20.0 30.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#88

Benzo(b)fluoranthene

Concen: 45.316 ng

RT: 15.145 min Scan# 2220

Delta R.T. 0.006 min

Lab File: BF131674.D

Acq: 16 Dec 2022 19:17

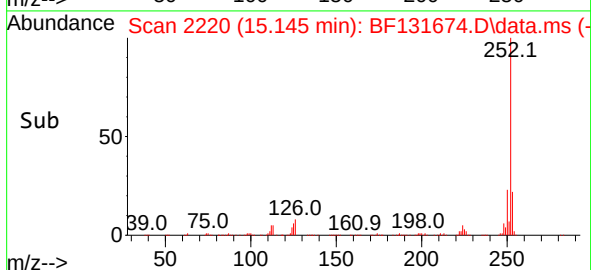
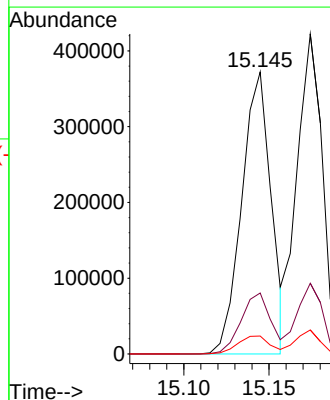
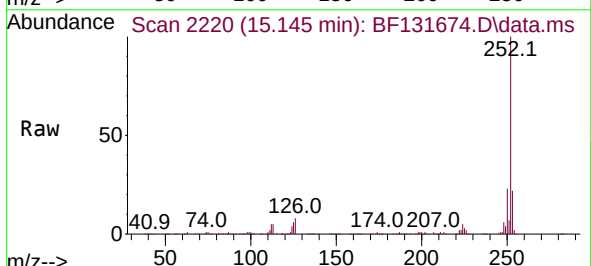
Tgt Ion:252 Resp: 446166

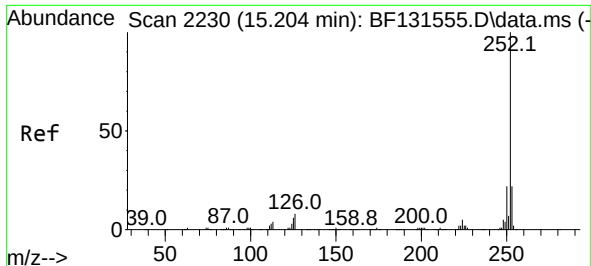
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 6.3 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 43.268 ng m

RT: 15.174 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131674.D

Acq: 16 Dec 2022 19:17

Instrument :

BNA_F

ClientSampleId :

RB-22-(8-10)MSD

Tgt Ion:252 Resp: 444640

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

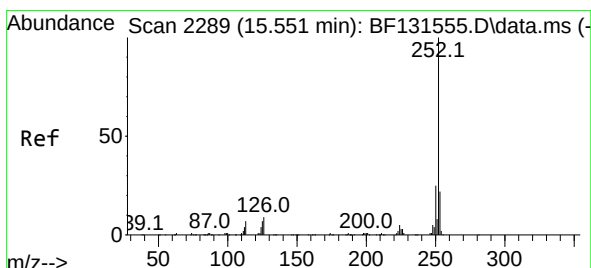
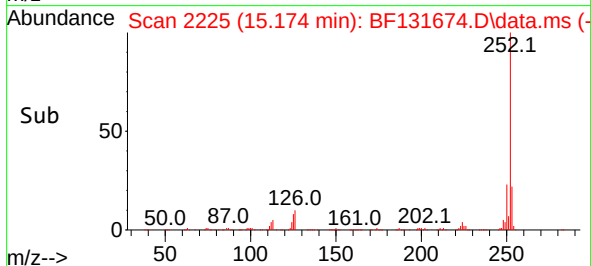
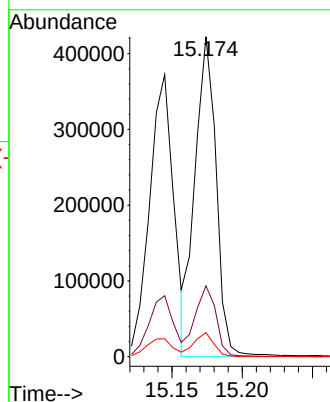
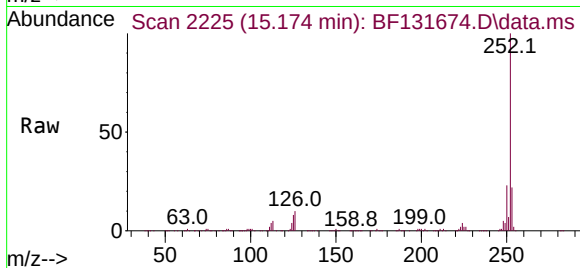
125 7.5 4.9 7.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2022

Supervised By :mohammad ahmed 12/19/2022



#90

Benzo(a)pyrene

Concen: 47.286 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF131674.D

Acq: 16 Dec 2022 19:17

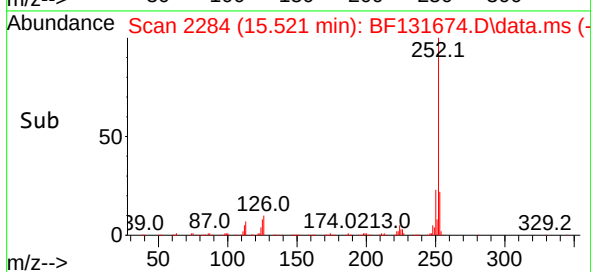
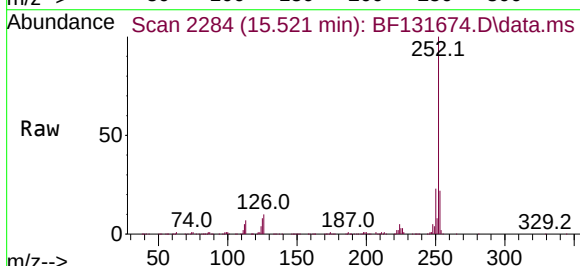
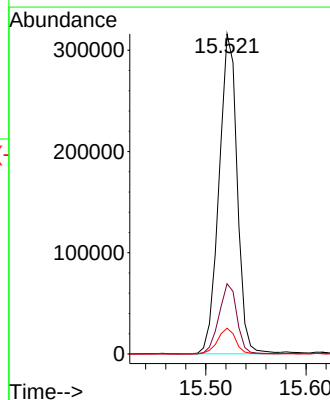
Tgt Ion:252 Resp: 397314

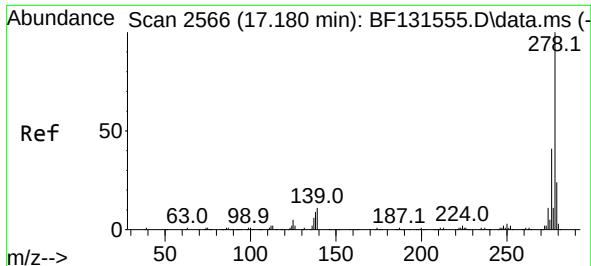
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

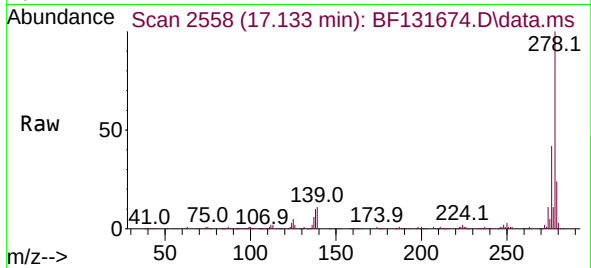
125 8.0 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 43.904 ng
RT: 17.133 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17

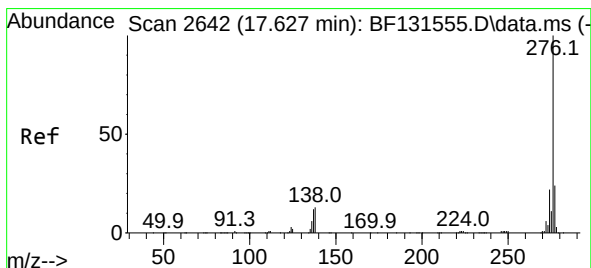
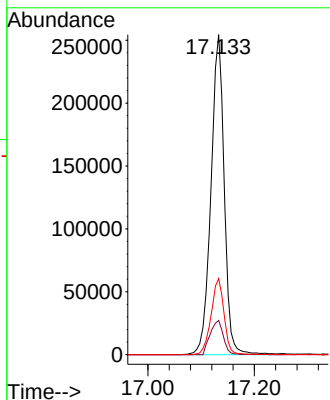
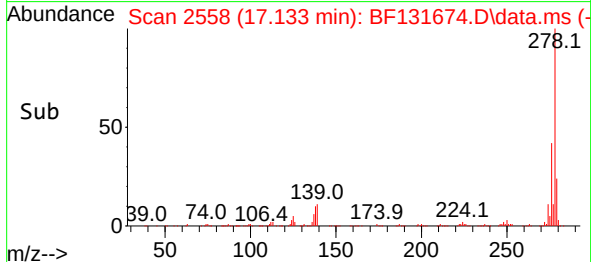
Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD



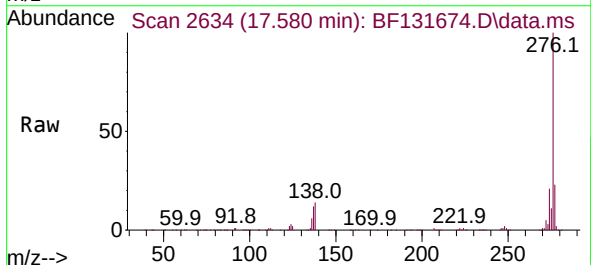
Tgt Ion:278 Resp: 44052
Ion Ratio Lower Upper
278 100
139 10.7 8.9 13.3
279 23.8 19.0 28.6

Manual Integrations
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Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#92
Benzo(g,h,i)perylene
Concen: 42.083 ng
RT: 17.580 min Scan# 2634
Delta R.T. 0.006 min
Lab File: BF131674.D
Acq: 16 Dec 2022 19:17



Tgt Ion:276 Resp: 424370
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 13.6 10.7 16.1

