

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131613.D
 Acq On : 13 Dec 2022 15:21
 Operator : CG\JU
 Sample : PB149584BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149584BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022

Quant Time: Dec 14 03:32:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	72462	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	256888	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	153228	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	289276	20.000	ng	0.00
76) Chrysene-d12	14.086	240	170745	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	142050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	402491	92.665	ng	0.02
7) Phenol-d6	6.522	99	520534	91.453	ng	0.00
23) Nitrobenzene-d5	7.457	82	538671	79.277	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	146757	86.205	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	919156	75.635	ng	0.00
79) Terphenyl-d14	13.027	244	1052891	84.567	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	74651	38.077	ng	95
3) Pyridine	3.481	79	203964	37.471	ng	96
4) n-Nitrosodimethylamine	3.452	42	114651	38.192	ng	# 87
6) Aniline	6.545	93	254848	37.438	ng	92
8) 2-Chlorophenol	6.669	128	199583	43.360	ng	96
9) Benzaldehyde	6.434	77	128538	32.965	ng	97
10) Phenol	6.540	94	288346m	45.417	ng	
11) bis(2-Chloroethyl)ether	6.622	93	204717	43.016	ng	97
12) 1,3-Dichlorobenzene	6.822	146	216805	40.626	ng	99
13) 1,4-Dichlorobenzene	6.898	146	218612	40.612	ng	98
14) 1,2-Dichlorobenzene	7.051	146	211928	41.214	ng	98
15) Benzyl Alcohol	7.034	79	217962	41.770	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	246800	40.146	ng	96
17) 2-Methylphenol	7.145	107	177145	42.702	ng	99
18) Hexachloroethane	7.398	117	86442	39.808	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	167003	39.129	ng	94
20) 3+4-Methylphenols	7.298	107	233255	41.282	ng	# 82
22) Acetophenone	7.298	105	323585	40.196	ng	96
24) Nitrobenzene	7.475	77	266581	38.899	ng	93
25) Isophorone	7.710	82	457617	41.812	ng	99
26) 2-Nitrophenol	7.787	139	107324	45.923	ng	96
27) 2,4-Dimethylphenol	7.828	122	175044	48.867	ng	96
28) bis(2-Chloroethoxy)met...	7.922	93	250337	44.215	ng	100
29) 2,4-Dichlorophenol	8.034	162	182034	41.100	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	206571	38.031	ng	96
31) Naphthalene	8.198	128	562007	38.843	ng	100
32) Benzoic acid	7.963	122	124494	47.989	ng	93
33) 4-Chloroaniline	8.245	127	148865	27.449	ng	99
34) Hexachlorobutadiene	8.310	225	137789	35.995	ng	99
35) Caprolactam	8.628	113	54875m	47.895	ng	
36) 4-Chloro-3-methylphenol	8.734	107	211347	42.495	ng	99
37) 2-Methylnaphthalene	8.892	142	381727	38.578	ng	99
38) 1-Methylnaphthalene	8.992	142	356530	37.534	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	221060	38.973	ng	99
41) Hexachlorocyclopentadiene	9.039	237	244006	84.753	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	141538	40.342	ng	97

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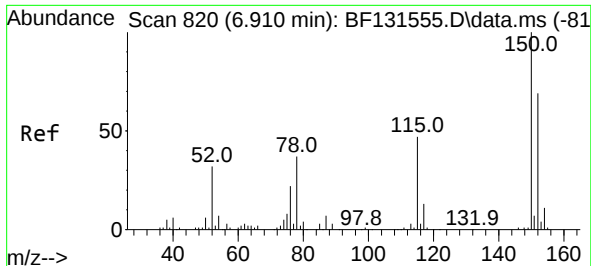
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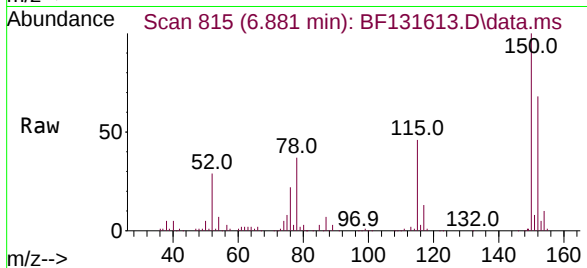
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	151336	40.109	ng	99
46) 1,1'-Biphenyl	9.357	154	480795	39.686	ng	99
47) 2-Chloronaphthalene	9.386	162	389766	39.487	ng	98
48) 2-Nitroaniline	9.486	65	142540	40.766	ng	89
49) Acenaphthylene	9.804	152	584324	40.318	ng	100
50) Dimethylphthalate	9.663	163	447547	38.315	ng	99
51) 2,6-Dinitrotoluene	9.728	165	99060	41.079	ng	# 85
52) Acenaphthene	9.975	154	433784m	44.678	ng	
53) 3-Nitroaniline	9.898	138	71858	31.058	ng	99
54) 2,4-Dinitrophenol	10.004	184	116300	84.031	ng	89
55) Dibenzofuran	10.151	168	537916	39.211	ng	96
56) 4-Nitrophenol	10.075	139	152036	94.591	ng	# 74
57) 2,4-Dinitrotoluene	10.133	165	138935	43.433	ng	96
58) Fluorene	10.492	166	429705	38.530	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.269	232	123821m	38.754	ng	
60) Diethylphthalate	10.369	149	419847	37.455	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	230775	37.445	ng	99
62) 4-Nitroaniline	10.522	138	95514	41.659	ng	93
63) Azobenzene	10.645	77	466913	36.521	ng	97
65) 4,6-Dinitro-2-methylph...	10.539	198	75772	41.356	ng	99
66) n-Nitrosodiphenylamine	10.604	169	364535	38.979	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	140462	37.745	ng	100
68) Hexachlorobenzene	11.039	284	156502	38.880	ng	98
69) Atrazine	11.133	200	136146	45.843	ng	99
70) Pentachlorophenol	11.239	266	161873	78.116	ng	98
71) Phenanthrene	11.463	178	631956	39.194	ng	99
72) Anthracene	11.516	178	636324	40.563	ng	99
73) Carbazole	11.669	167	554477	43.303	ng	100
74) Di-n-butylphthalate	11.992	149	615334	39.171	ng	99
75) Fluoranthene	12.651	202	692138	41.687	ng	98
77) Benzidine	12.774	184	184430	40.313	ng	99
78) Pyrene	12.886	202	691811	41.090	ng	99
80) Butylbenzylphthalate	13.504	149	213298	43.777	ng	90
81) Benzo(a)anthracene	14.074	228	498487	40.427	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	130385	37.166	ng	96
83) Chrysene	14.116	228	449815	38.372	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	232475	35.843	ng	97
85) Di-n-octyl phthalate	14.680	149	309032	30.543	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	447390	38.592	ng	98
88) Benzo(b)fluoranthene	15.151	252	417681	44.613	ng	99
89) Benzo(k)fluoranthene	15.180	252	404617	41.406	ng	99
90) Benzo(a)pyrene	15.527	252	367691	46.020	ng	99
91) Dibenzo(a,h)anthracene	17.145	278	380051	39.833	ng	99
92) Benzo(g,h,i)perylene	17.592	276	375340	39.143	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. -0.005 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

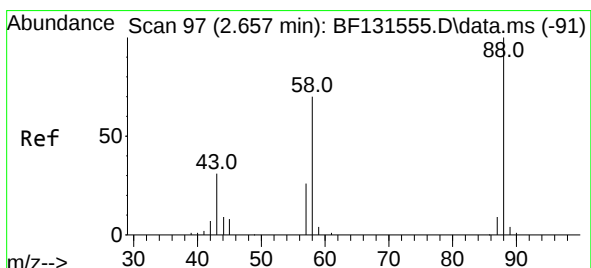
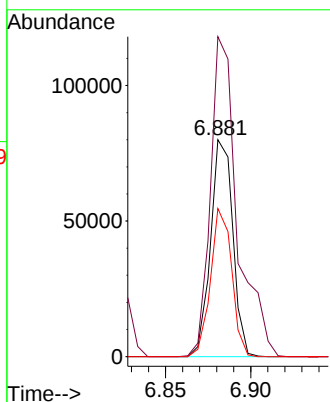
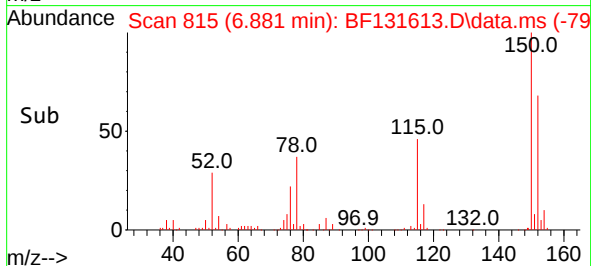
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



Tgt Ion:152 Resp: 72462
Ion Ratio Lower Upper
152 100
150 147.6 116.7 175.1
115 68.3 54.6 82.0

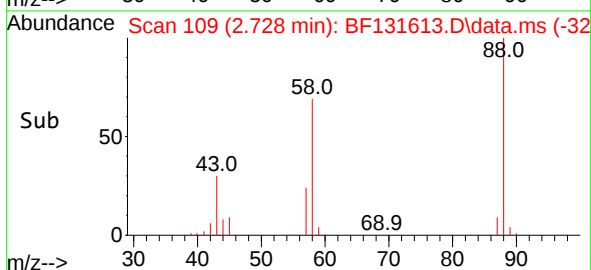
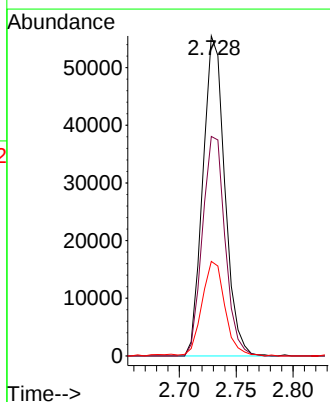
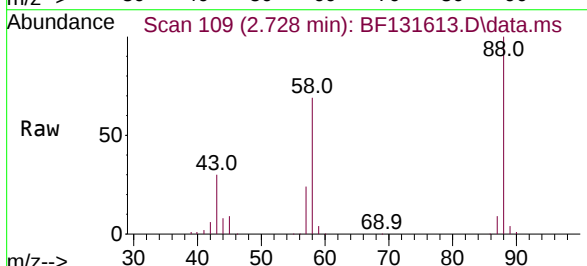
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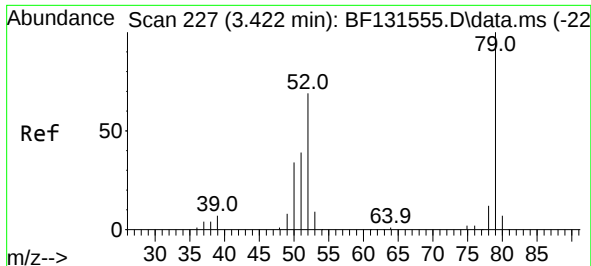
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#2
1,4-Dioxane
Concen: 38.077 ng
RT: 2.728 min Scan# 109
Delta R.T. 0.100 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Tgt Ion: 88 Resp: 74651
Ion Ratio Lower Upper
88 100
58 70.7 60.0 90.0
43 30.8 26.7 40.1





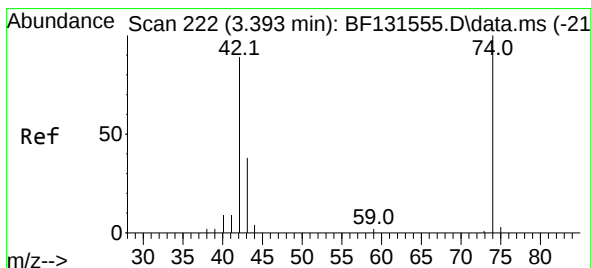
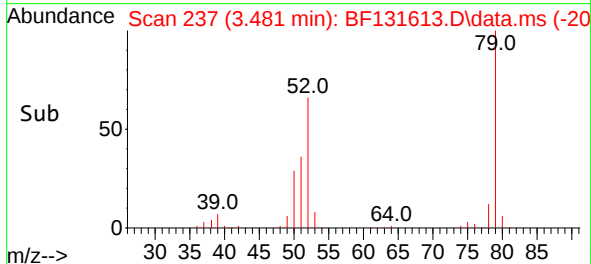
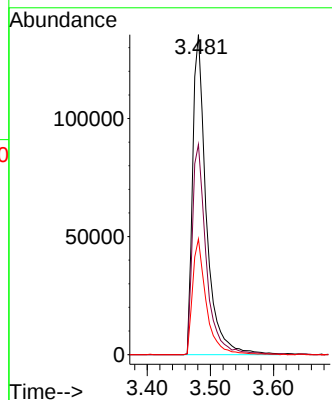
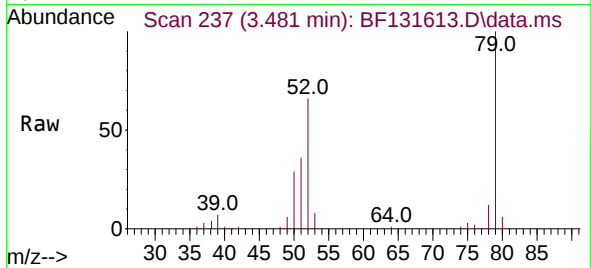
#3
Pyridine
Concen: 37.471 ng
RT: 3.481 min Scan# 231
Delta R.T. 0.088 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Instrument :
BNA_F
ClientSampleId :
PB149584BSD

Tgt Ion: 79 Resp: 203964
Ion Ratio Lower Upper
79 100
52 65.7 55.0 82.6
51 36.1 31.4 47.2

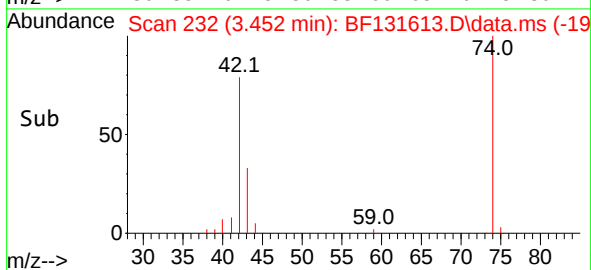
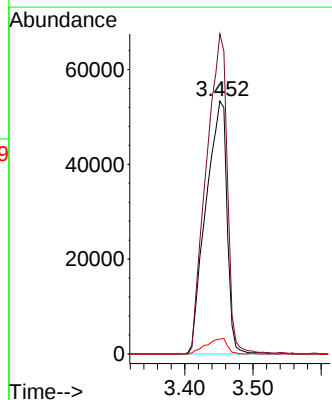
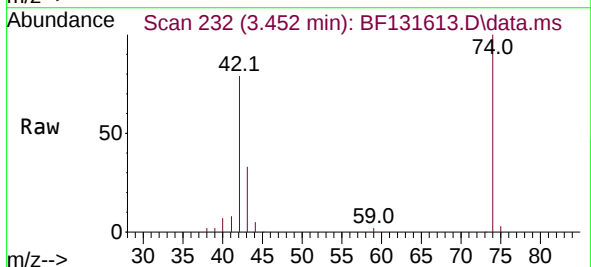
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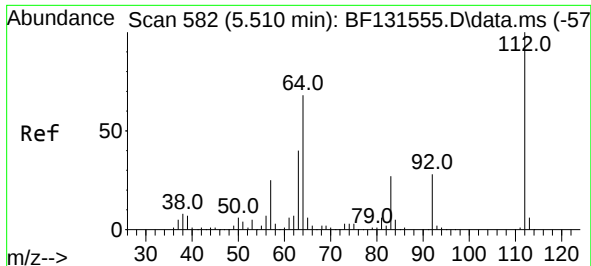
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#4
n-Nitrosodimethylamine
Concen: 38.192 ng
RT: 3.452 min Scan# 232
Delta R.T. 0.094 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Tgt Ion: 42 Resp: 114651
Ion Ratio Lower Upper
42 100
74 126.6 90.2 135.2
44 5.9 3.7 5.5#





#5
2-Fluorophenol
Concen: 92.665 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Instrument :

BNA_F

ClientSampleId :

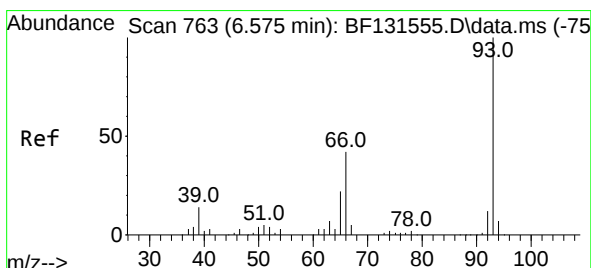
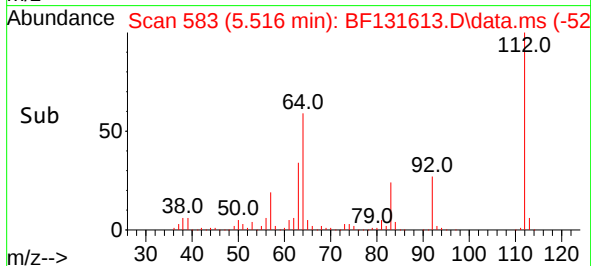
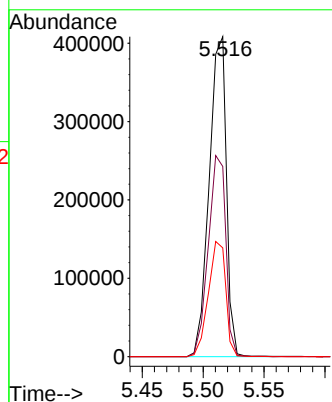
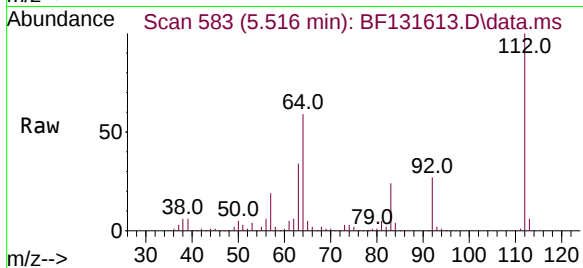
PB149584BSD

Tgt Ion:112 Resp: 402491
Ion Ratio Lower Upper
112 100
64 59.4 54.5 81.7
63 34.0 31.9 47.9

Manual Integrations

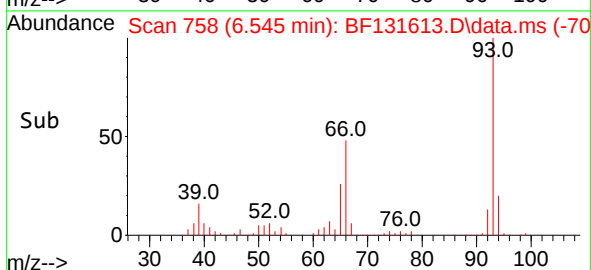
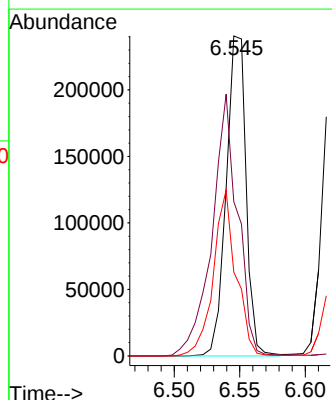
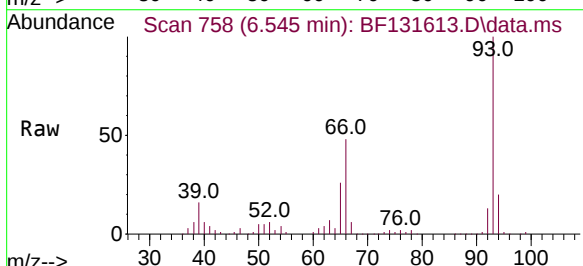
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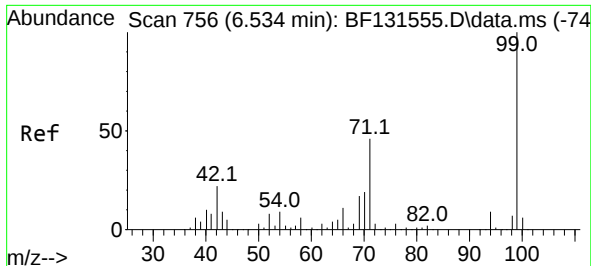
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#6
Aniline
Concen: 37.438 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

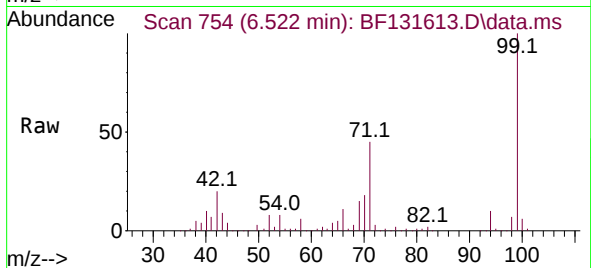
Tgt Ion: 93 Resp: 254848
Ion Ratio Lower Upper
93 100
66 48.2 34.6 51.8
65 26.2 17.7 26.5





#7
Phenol-d6
Concen: 91.453 ng
RT: 6.522 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

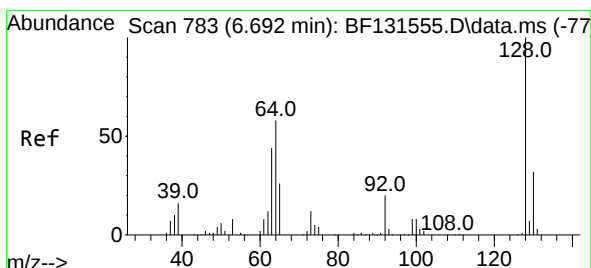
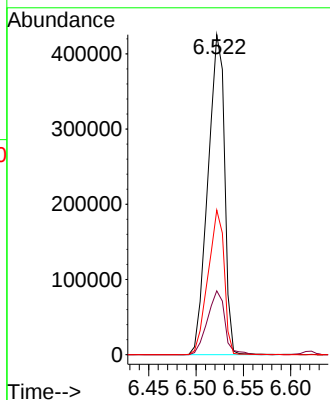
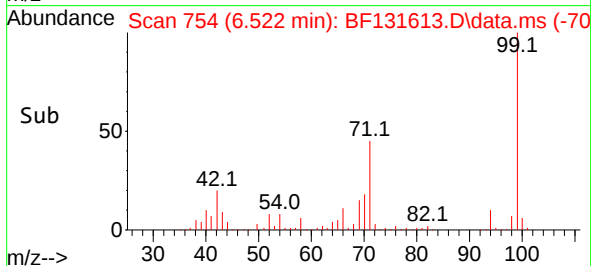
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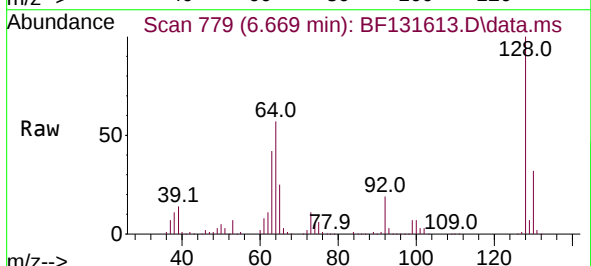
Tgt Ion: 99 Resp: 520534
Ion Ratio Lower Upper
99 100
42 19.9 17.9 26.9
71 45.2 37.2 55.8

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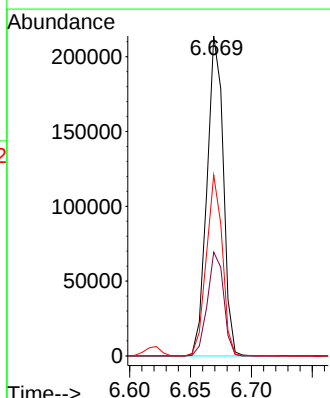
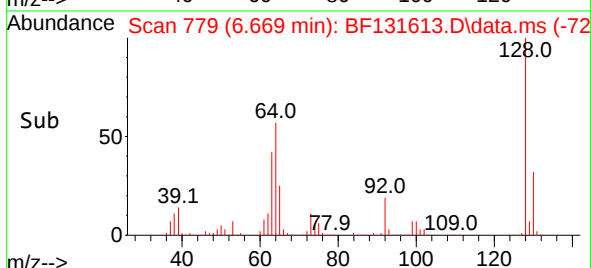
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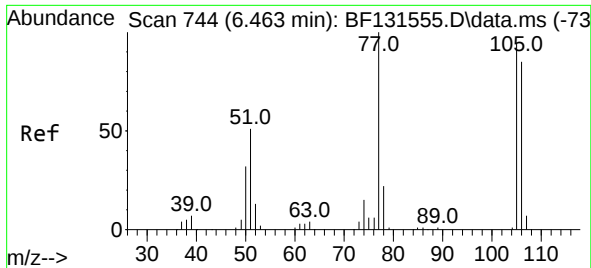


#8
2-Chlorophenol
Concen: 43.360 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21



Tgt Ion:128 Resp: 199583
Ion Ratio Lower Upper
128 100
130 32.4 11.6 51.6
64 56.5 40.6 80.6





#9

Benzaldehyde

Concen: 32.965 ng

RT: 6.434 min Scan# 744

Delta R.T. 0.000 min

Lab File: BF131613.D

Acq: 13 Dec 2022 15:21

Instrument :

BNA_F

ClientSampleId :

PB149584BSD

Tgt Ion: 77 Resp: 128538

Ion Ratio Lower Upper

77 100

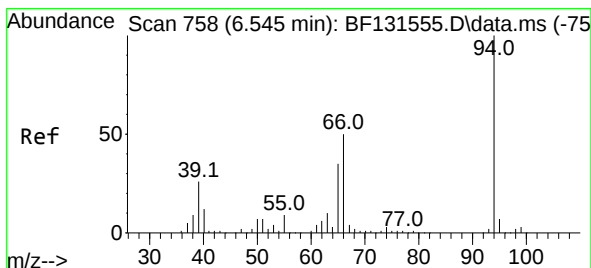
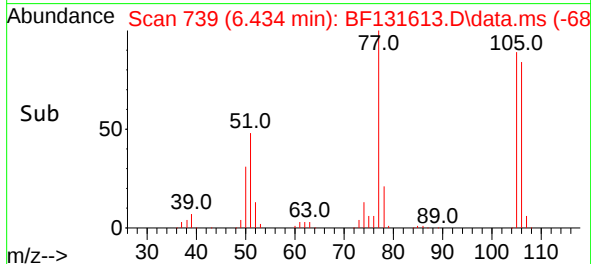
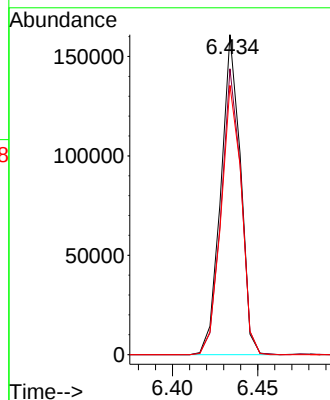
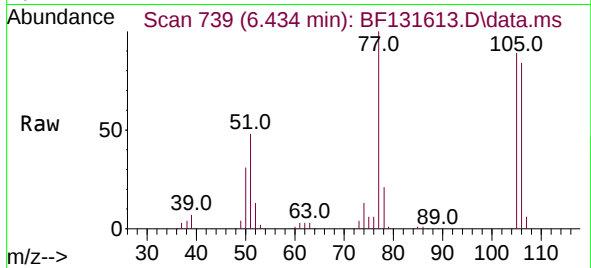
105 89.3 73.8 113.8

106 84.1 65.2 105.2

Manual Integrations

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#10

Phenol

Concen: 45.417 ng m

RT: 6.540 min Scan# 757

Delta R.T. 0.006 min

Lab File: BF131613.D

Acq: 13 Dec 2022 15:21

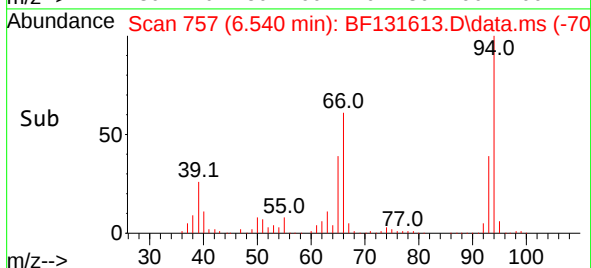
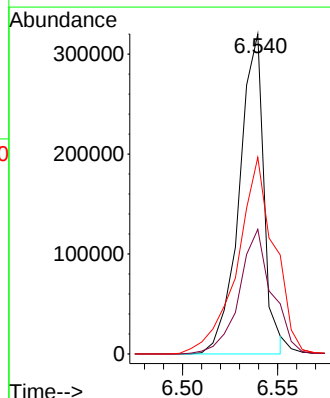
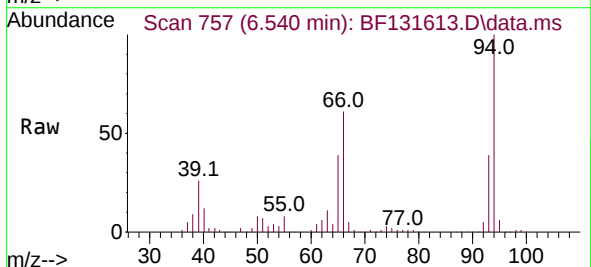
Tgt Ion: 94 Resp: 288346

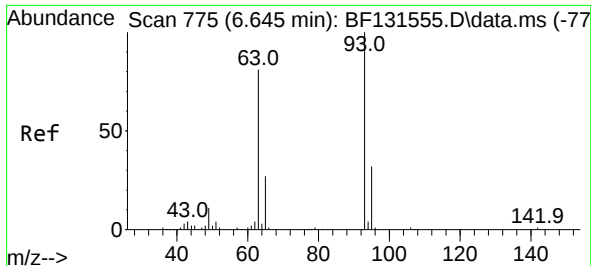
Ion Ratio Lower Upper

94 100

65 38.9 14.8 54.8

66 61.4 30.8 70.8





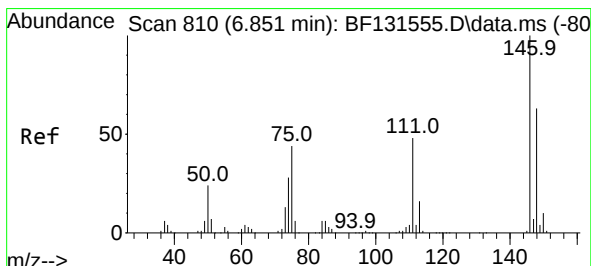
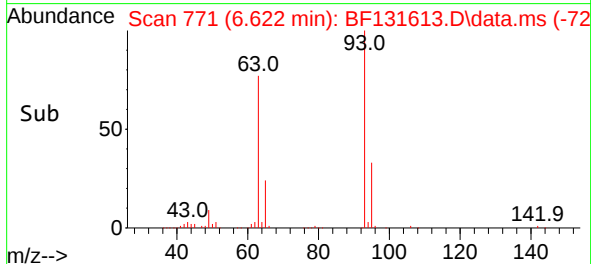
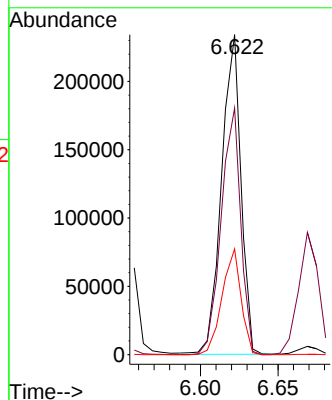
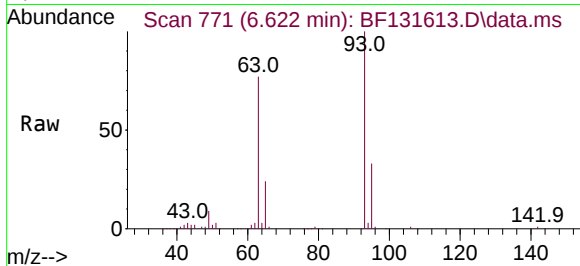
#11
bis(2-Chloroethyl)ether
Concen: 43.016 ng
RT: 6.622 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Instrument :
BNA_F
ClientSampleId :
PB149584BSD

Tgt Ion: 93 Resp: 20471
Ion Ratio Lower Upper
93 100
63 77.1 60.4 100.4
95 33.0 12.3 52.3

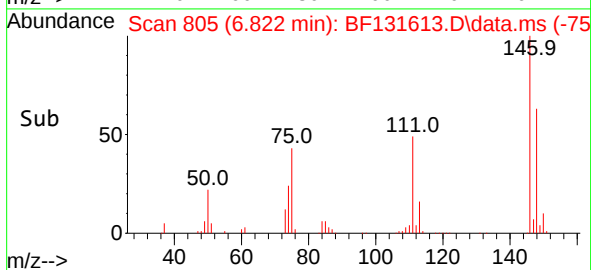
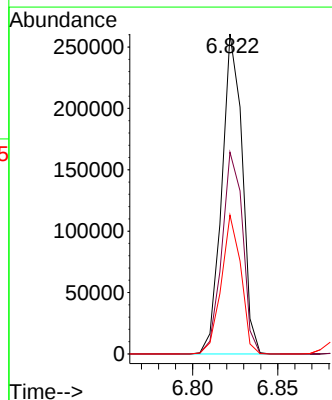
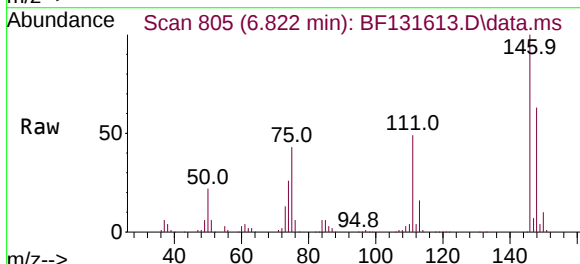
Manual Integrations
APPROVED

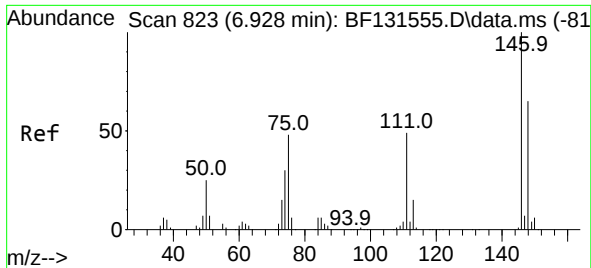
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#12
1,3-Dichlorobenzene
Concen: 40.626 ng
RT: 6.822 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Tgt Ion:146 Resp: 216805
Ion Ratio Lower Upper
146 100
148 63.0 50.7 76.1
75 43.4 35.1 52.7





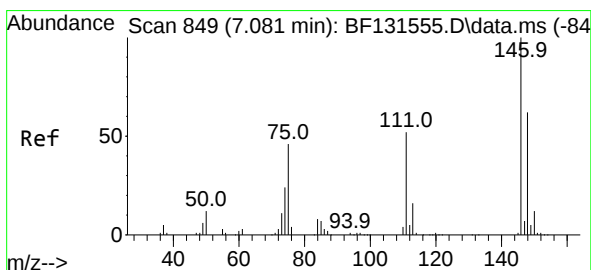
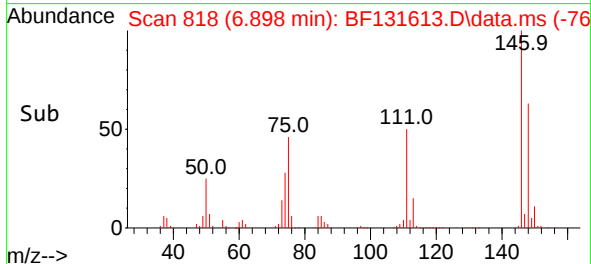
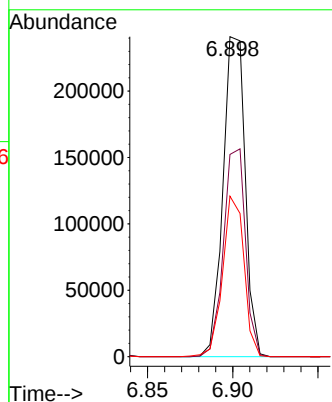
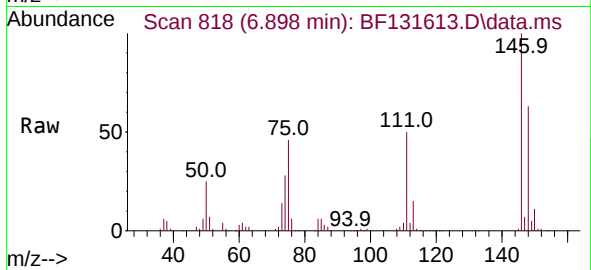
#13
1,4-Dichlorobenzene
Concen: 40.612 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Instrument :
BNA_F
ClientSampleId :
PB149584BSD

Tgt Ion:146 Resp: 218612
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.6
111 50.1 38.9 58.3

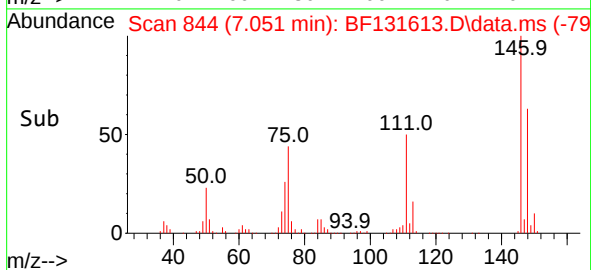
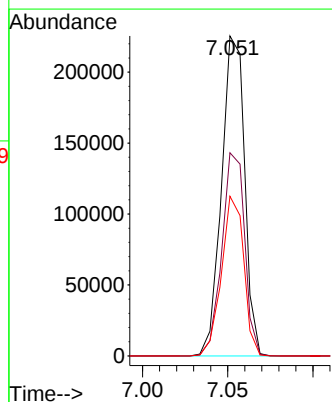
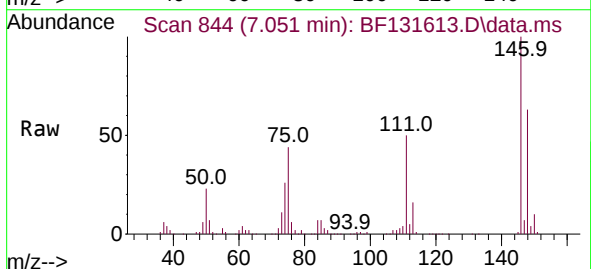
Manual Integrations
APPROVED

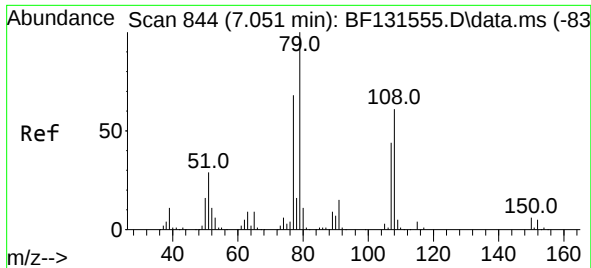
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#14
1,2-Dichlorobenzene
Concen: 41.214 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

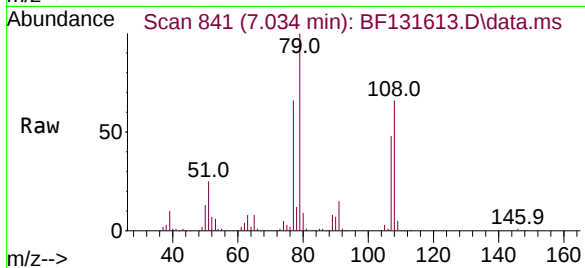
Tgt Ion:146 Resp: 211928
Ion Ratio Lower Upper
146 100
148 63.5 49.9 74.9
111 49.9 41.8 62.6





#15
Benzyl Alcohol
Concen: 41.770 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

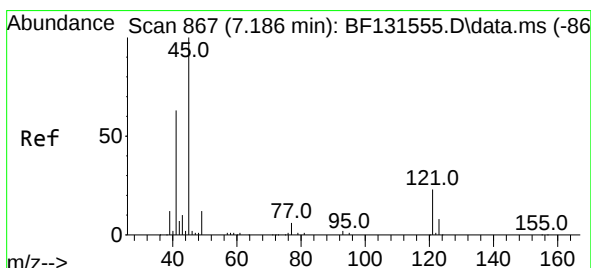
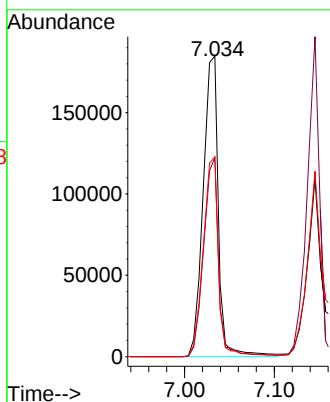
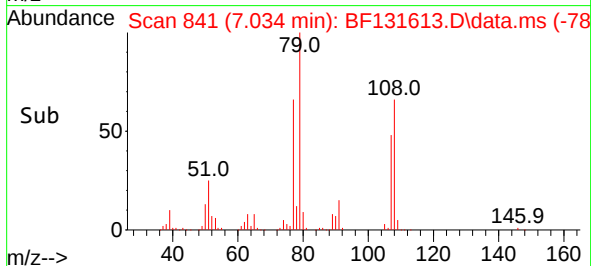
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



Tgt Ion: 79 Resp: 217962
Ion Ratio Lower Upper
79 100
108 66.2 49.2 73.8
77 66.4 54.5 81.7

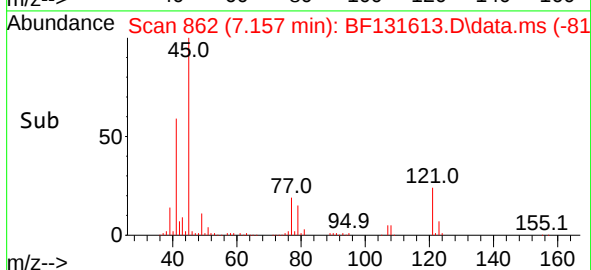
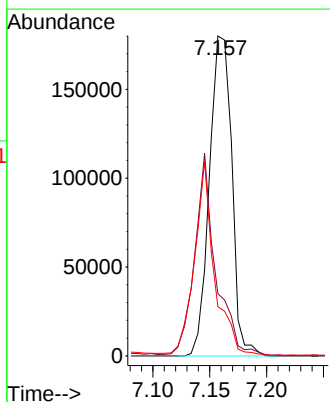
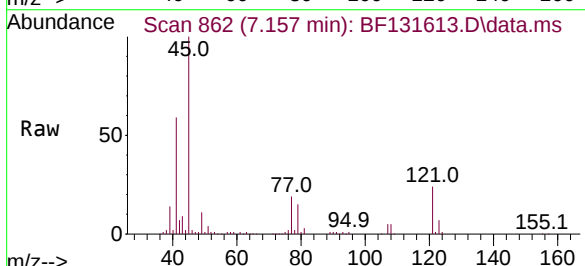
Manual Integrations
APPROVED

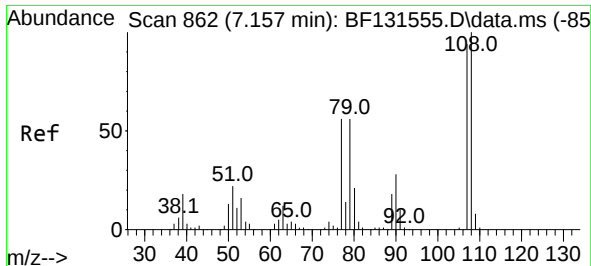
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.146 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

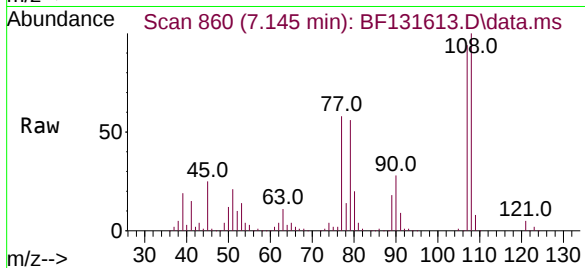
Tgt Ion: 45 Resp: 246800
Ion Ratio Lower Upper
45 100
77 19.4 0.0 37.7
79 15.4 0.0 33.6





#17
2-Methylphenol
Concen: 42.702 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

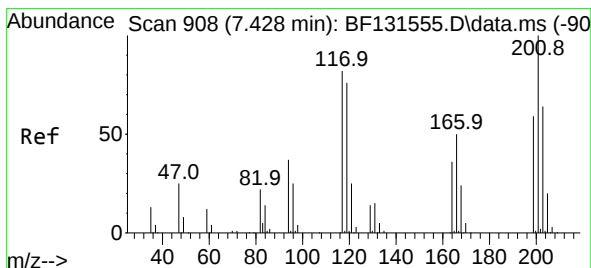
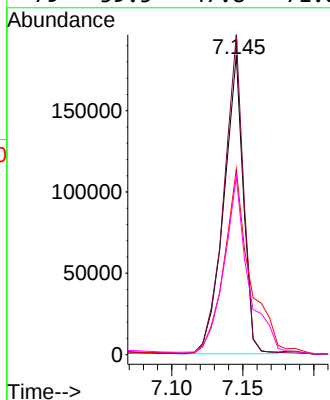
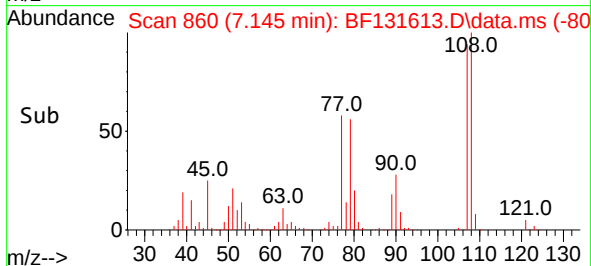
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



Tgt Ion:107 Resp: 177145
Ion Ratio Lower Upper
107 100
108 106.8 85.5 128.3
77 61.9 48.2 72.4
79 59.5 47.8 71.8

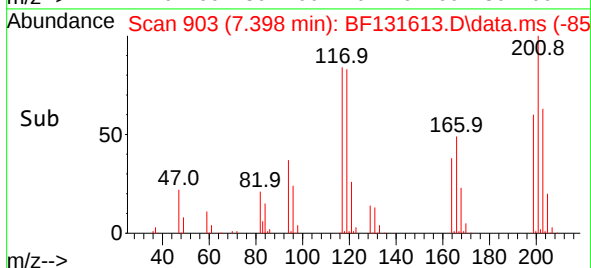
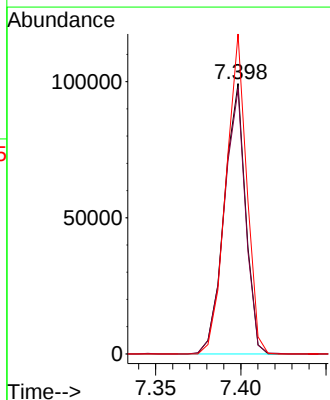
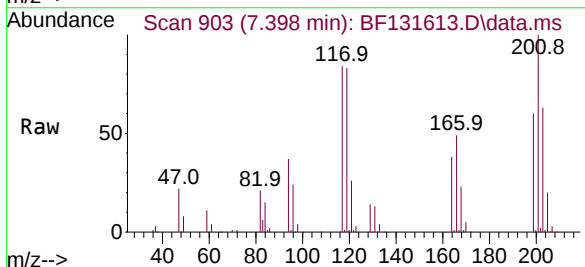
Manual Integrations
APPROVED

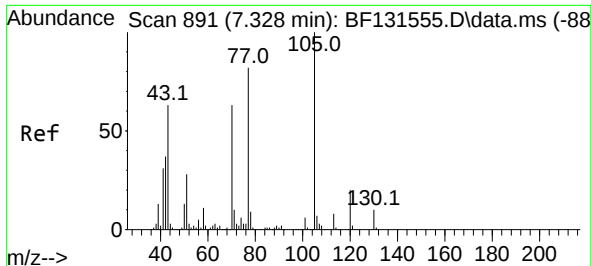
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#18
Hexachloroethane
Concen: 39.808 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

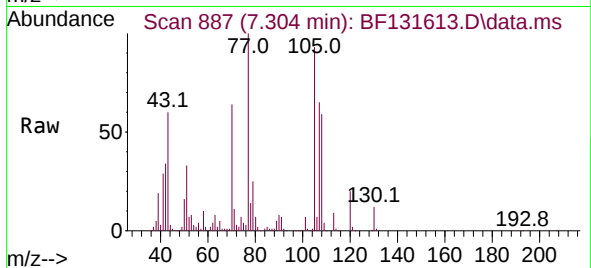
Tgt Ion:117 Resp: 86442
Ion Ratio Lower Upper
117 100
119 97.8 75.0 112.4
201 118.4 98.0 147.0





#19
n-Nitroso-di-n-propylamine
Concen: 39.129 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

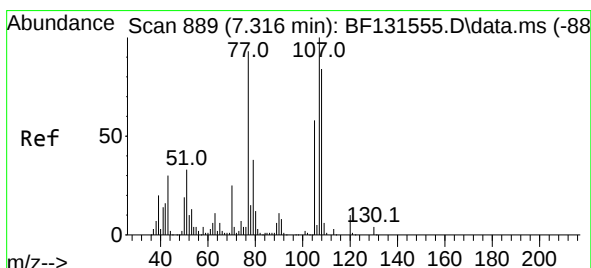
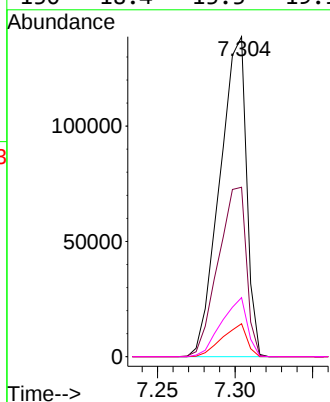
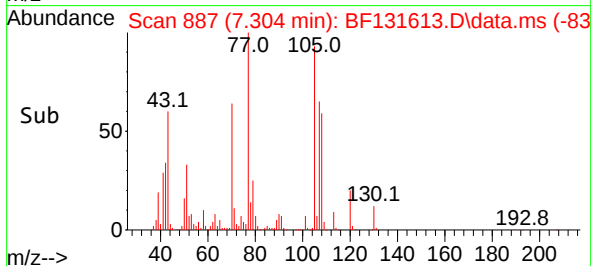
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



Tgt Ion: 70 Resp: 167003
Ion Ratio Lower Upper
70 100
42 52.9 46.4 69.6
101 10.3 7.2 10.8
130 18.4 13.3 19.9

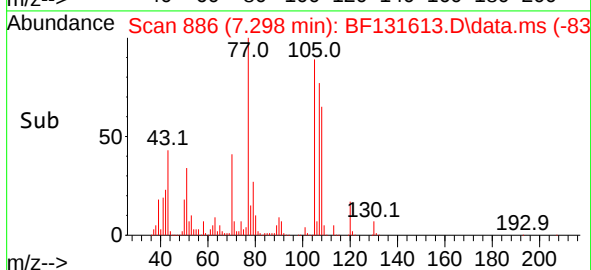
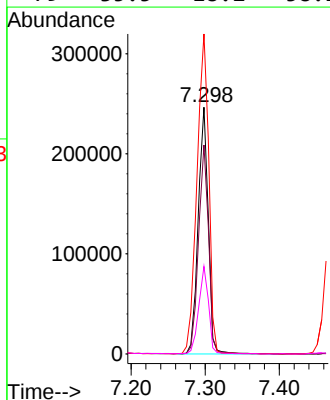
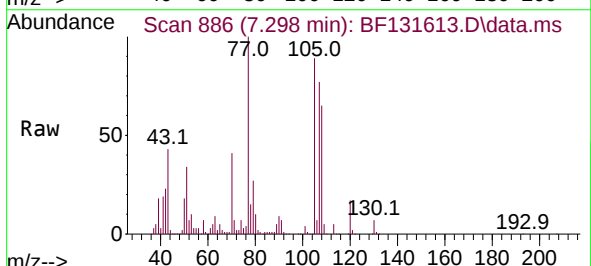
Manual Integrations
APPROVED

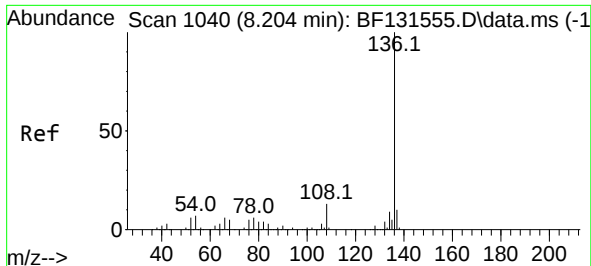
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#20
3+4-Methylphenols
Concen: 41.282 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Tgt Ion:107 Resp: 233255
Ion Ratio Lower Upper
107 100
108 84.7 64.0 104.0
77 129.8 73.1 113.1#
79 35.5 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Instrument :

BNA_F

ClientSampleId :

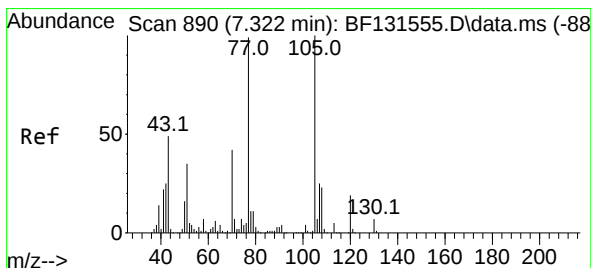
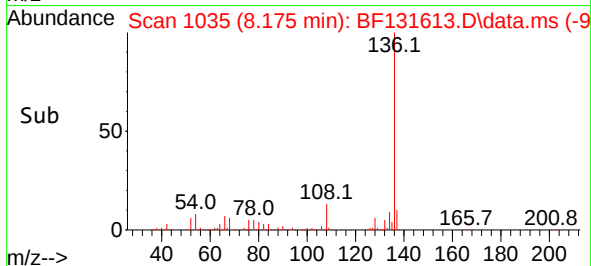
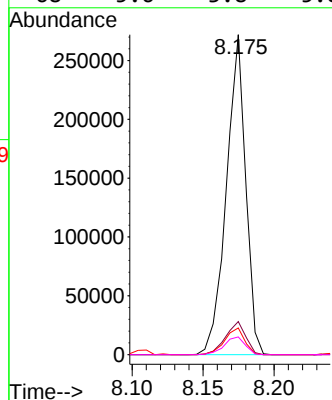
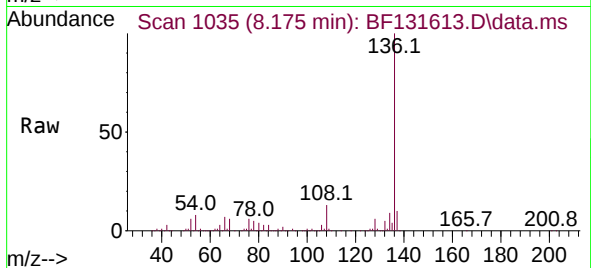
PB149584BSD

Tgt Ion:136 Resp: 25688
Ion Ratio Lower Upper
136 100
137 10.3 8.1 12.1
54 8.3 6.0 9.0
68 5.6 3.8 5.8

Manual Integrations

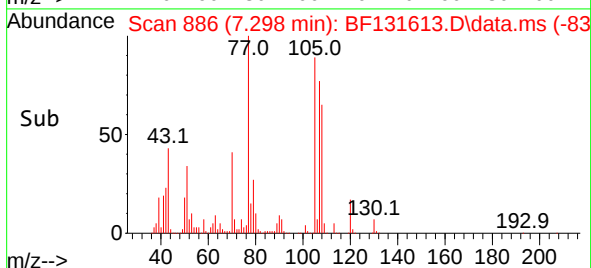
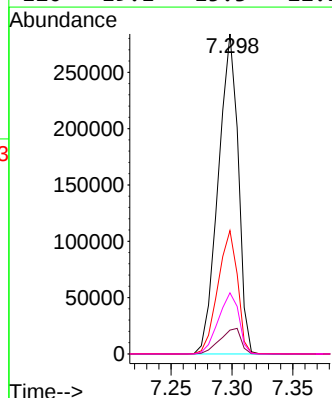
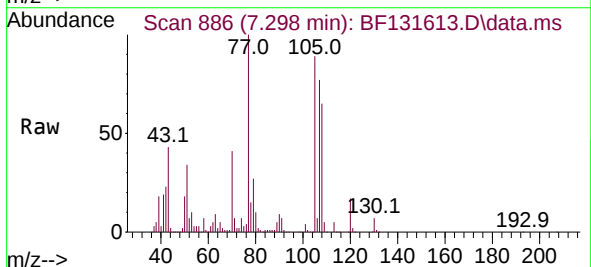
APPROVED

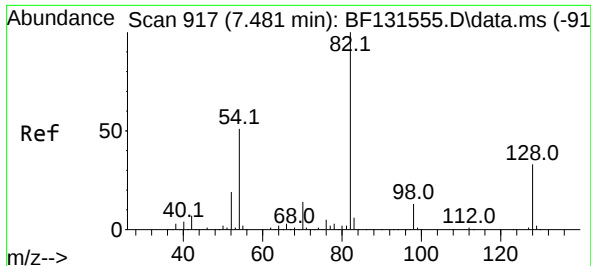
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#22
Acetophenone
Concen: 40.196 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Tgt Ion:105 Resp: 323585
Ion Ratio Lower Upper
105 100
71 7.4 5.4 8.0
51 38.5 27.8 41.6
120 19.1 15.3 22.9





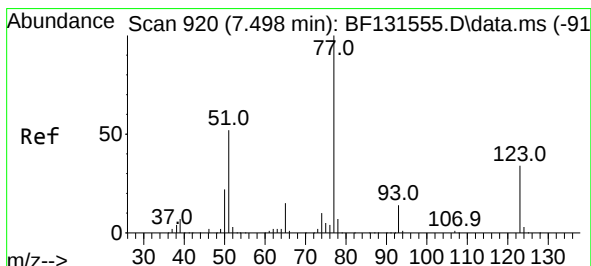
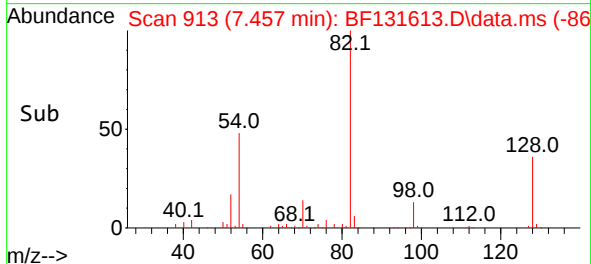
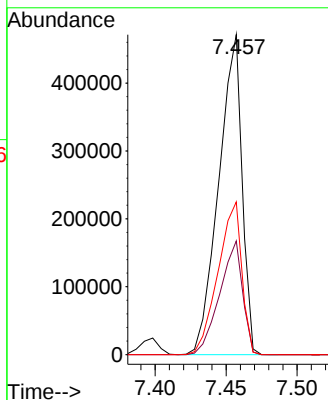
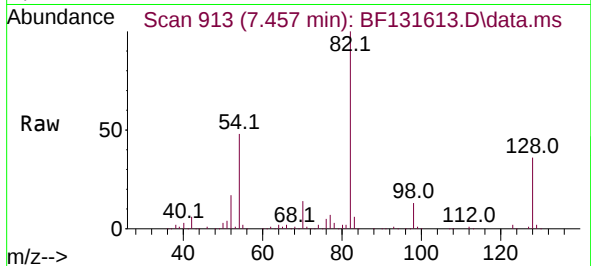
#23
Nitrobenzene-d5
Concen: 79.277 ng
RT: 7.457 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Instrument :
BNA_F
ClientSampleId :
PB149584BSD

Tgt Ion: 82 Resp: 53867
Ion Ratio Lower Upper
82 100
128 35.5 26.1 39.1
54 47.7 40.6 60.8

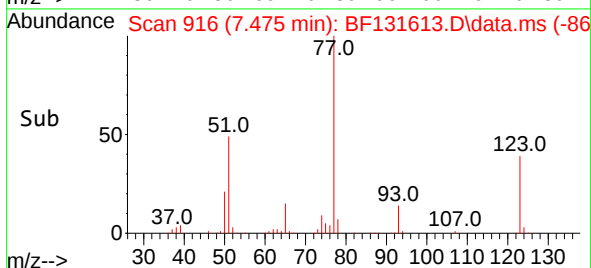
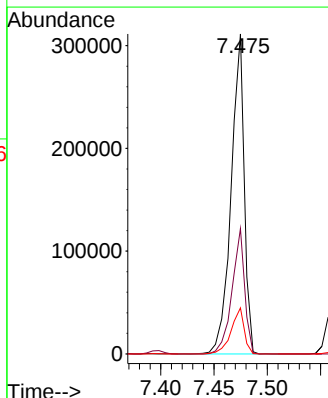
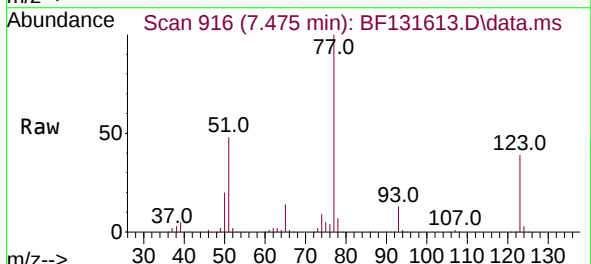
Manual Integrations
APPROVED

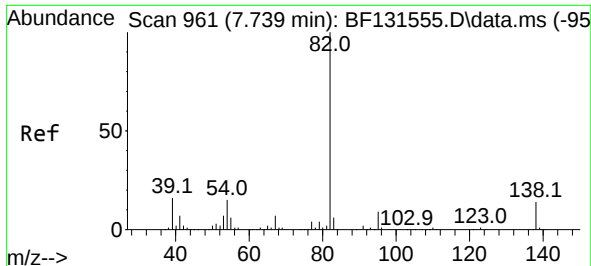
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#24
Nitrobenzene
Concen: 38.899 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Tgt Ion: 77 Resp: 266581
Ion Ratio Lower Upper
77 100
123 39.2 27.1 40.7
65 14.4 11.9 17.9





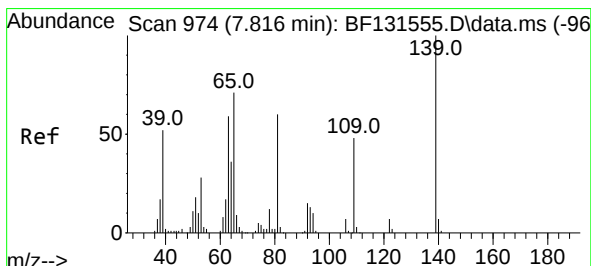
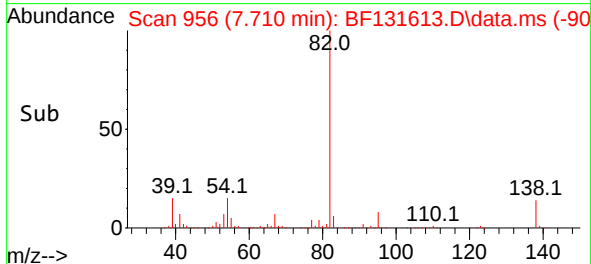
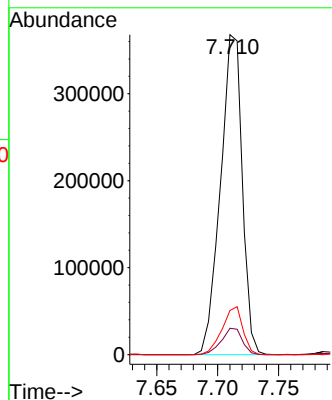
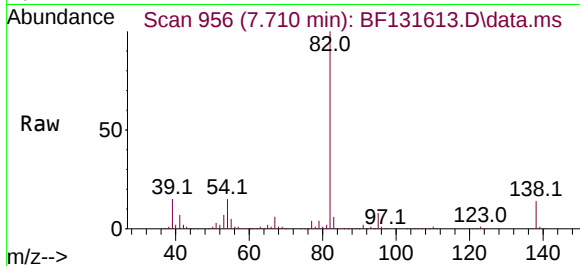
#25
Isophorone
Concen: 41.812 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Instrument :
BNA_F
ClientSampleId :
PB149584BSD

Tgt Ion: 82 Resp: 45761
Ion Ratio Lower Upper
82 100
95 8.2 6.9 10.3
138 13.8 11.4 17.0

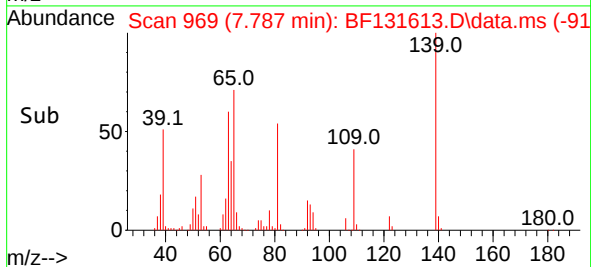
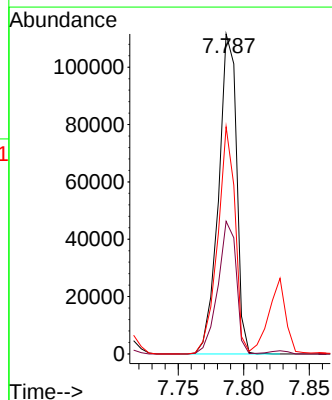
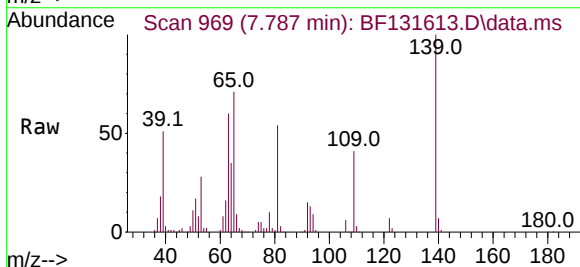
Manual Integrations
APPROVED

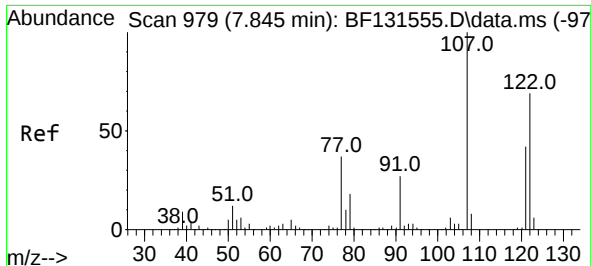
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#26
2-Nitrophenol
Concen: 45.923 ng
RT: 7.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Tgt Ion:139 Resp: 107324
Ion Ratio Lower Upper
139 100
109 41.4 38.6 58.0
65 71.0 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 48.867 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131613.D

Acq: 13 Dec 2022 15:21

Instrument :

BNA_F

ClientSampleId :

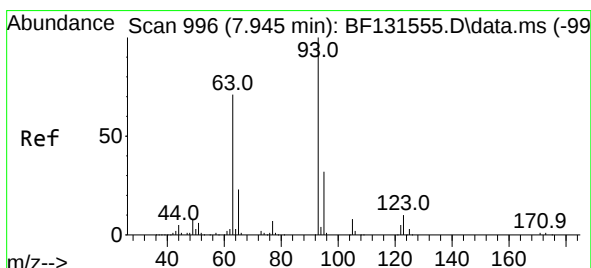
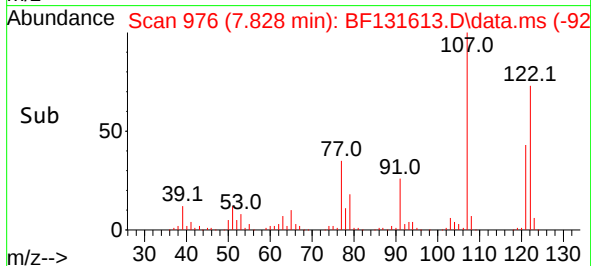
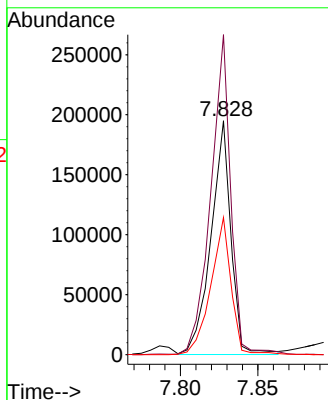
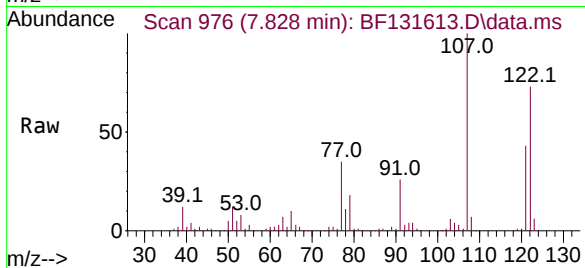
PB149584BSD

Tgt Ion:122 Resp: 175044
 Ion Ratio Lower Upper
 122 100
 107 136.8 114.2 171.2
 121 58.6 48.2 72.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022



#28

bis(2-Chloroethoxy)methane

Concen: 44.215 ng

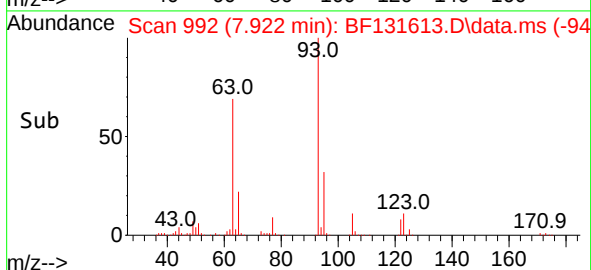
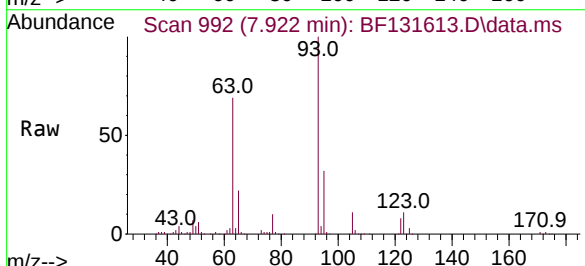
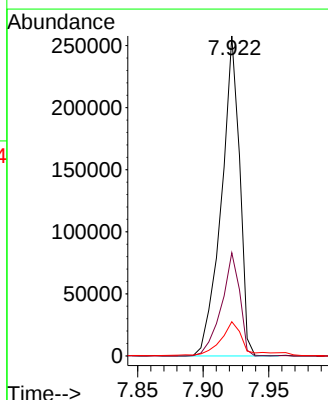
RT: 7.922 min Scan# 992

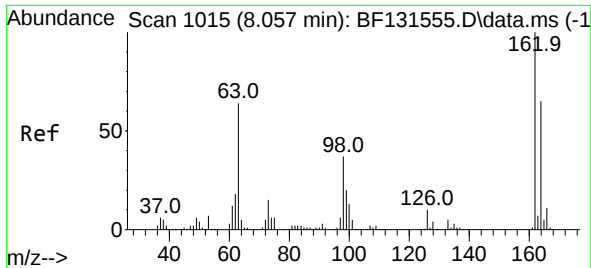
Delta R.T. 0.000 min

Lab File: BF131613.D

Acq: 13 Dec 2022 15:21

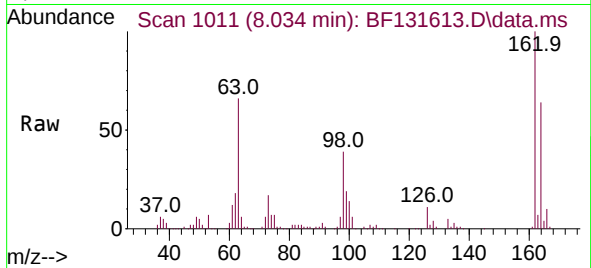
Tgt Ion: 93 Resp: 250337
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.8 38.6
 123 10.7 8.1 12.1





#29
2,4-Dichlorophenol
Concen: 41.100 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

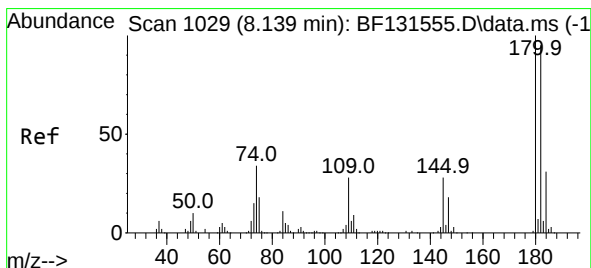
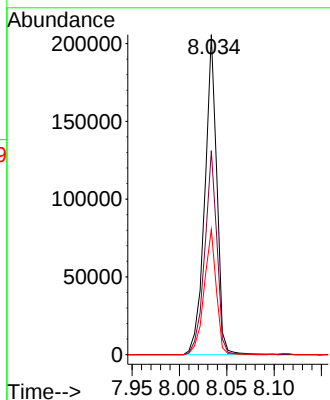
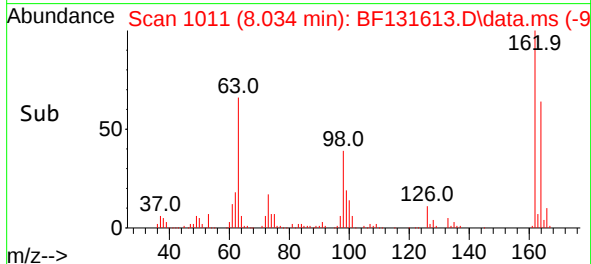
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



Tgt Ion:162 Resp: 182034
Ion Ratio Lower Upper
162 100
164 63.7 45.0 85.0
98 39.1 16.6 56.6

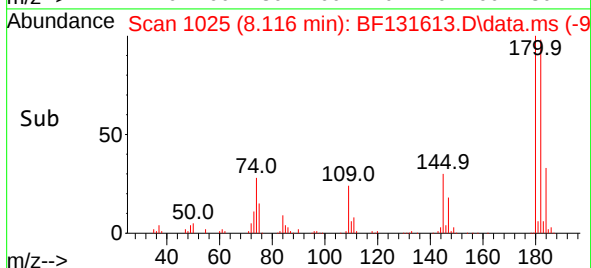
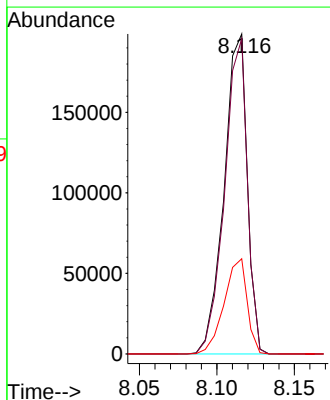
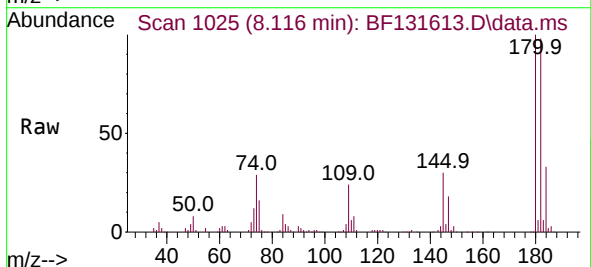
Manual Integrations
APPROVED

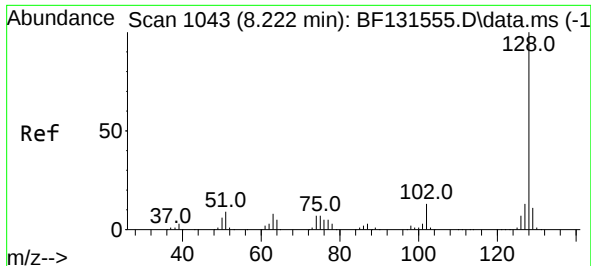
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#30
1,2,4-Trichlorobenzene
Concen: 38.031 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

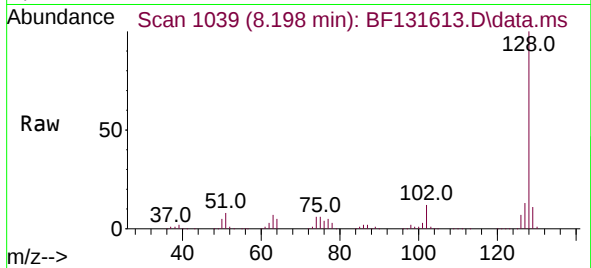
Tgt Ion:180 Resp: 206571
Ion Ratio Lower Upper
180 100
182 98.5 75.8 113.6
145 29.7 22.4 33.6





#31
Naphthalene
Concen: 38.843 ng
RT: 8.198 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

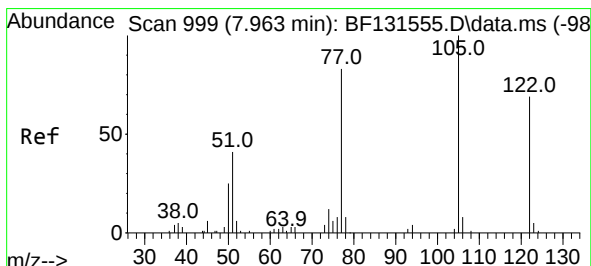
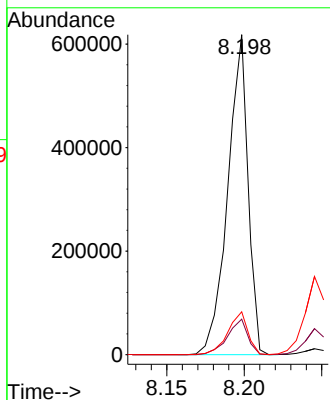
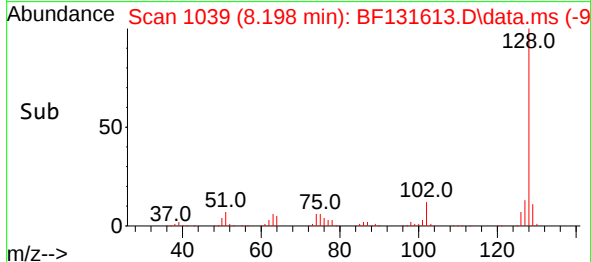
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



Tgt Ion:128 Resp: 562007
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.6 15.8

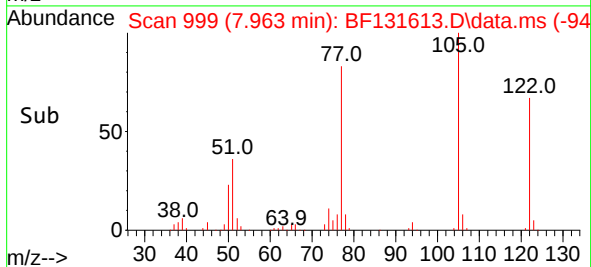
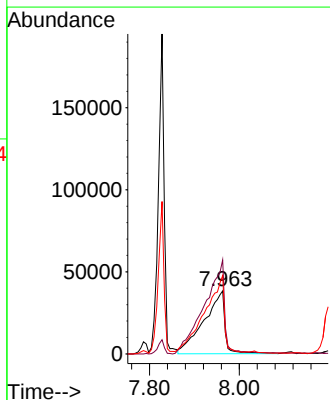
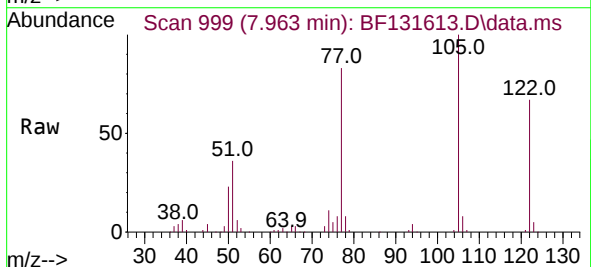
Manual Integrations
APPROVED

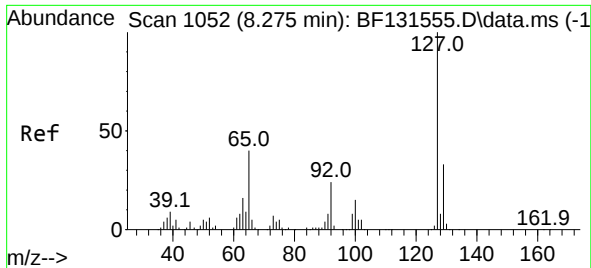
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#32
Benzoic acid
Concen: 47.989 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.018 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Tgt Ion:122 Resp: 124494
Ion Ratio Lower Upper
122 100
105 149.3 119.8 159.8
77 124.5 97.6 137.6





#33
4-Chloroaniline
Concen: 27.449 ng
RT: 8.245 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Instrument :

BNA_F

ClientSampleId :

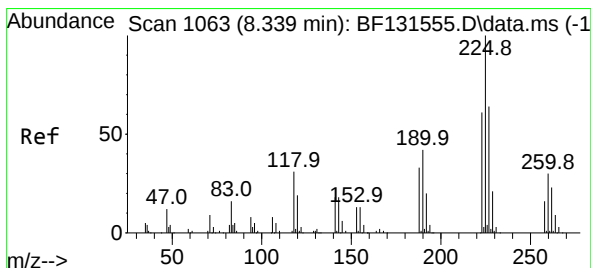
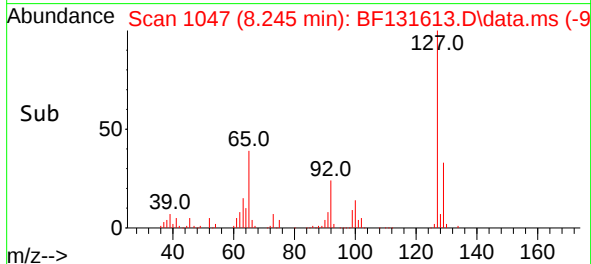
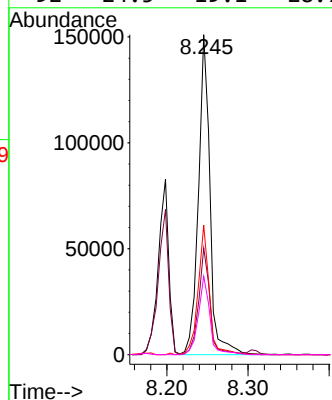
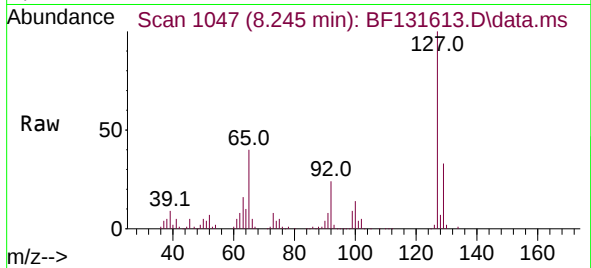
PB149584BSD

Tgt Ion:127 Resp: 148865
Ion Ratio Lower Upper
127 100
129 33.3 26.4 39.6
65 40.5 31.9 47.9
92 24.5 19.1 28.7

Manual Integrations

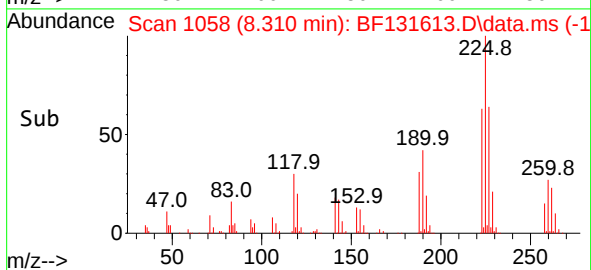
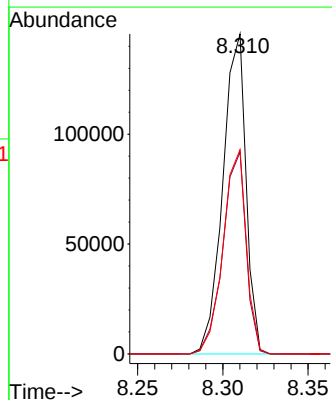
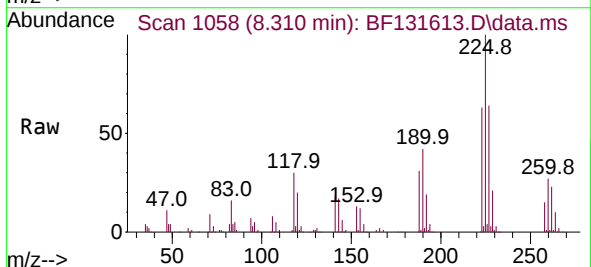
APPROVED

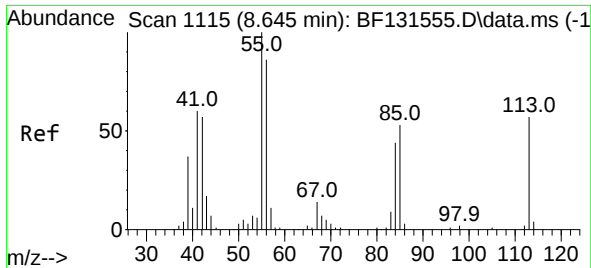
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#34
Hexachlorobutadiene
Concen: 35.995 ng
RT: 8.310 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

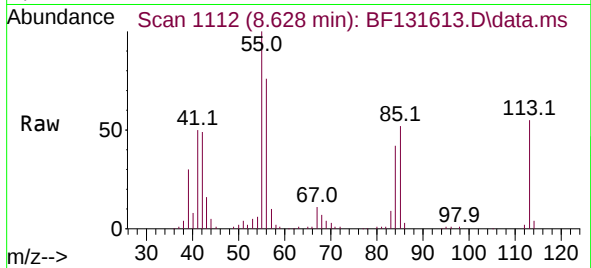
Tgt Ion:225 Resp: 137789
Ion Ratio Lower Upper
225 100
223 63.1 48.7 73.1
227 63.8 51.0 76.6





#35
Caprolactam
Concen: 47.895 ng m
RT: 8.628 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

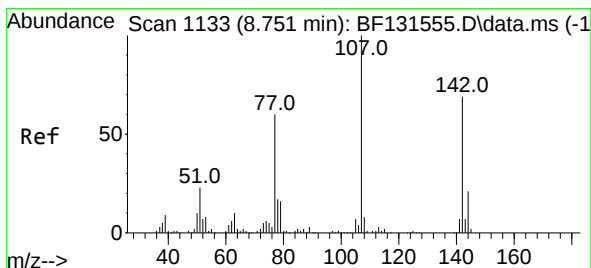
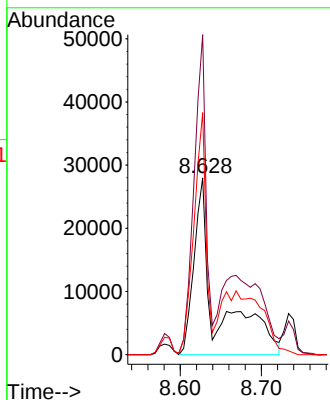
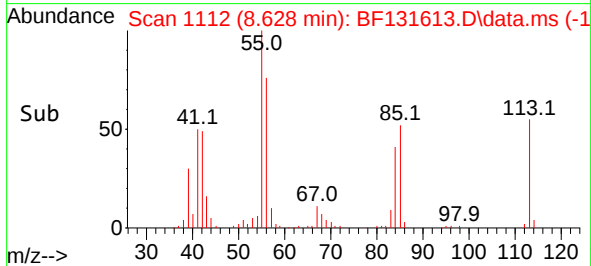
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



Tgt Ion:113 Resp: 54875
Ion Ratio Lower Upper
113 100
55 181.1 155.8 195.8
56 137.0 131.7 171.7

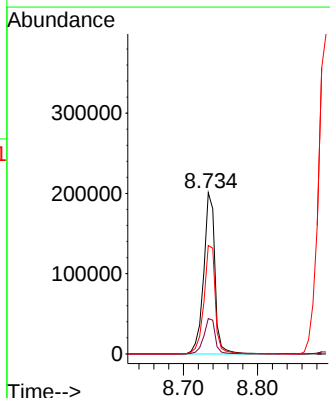
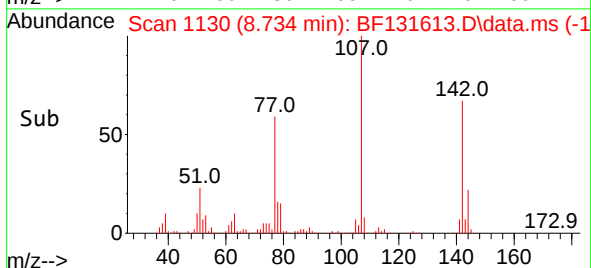
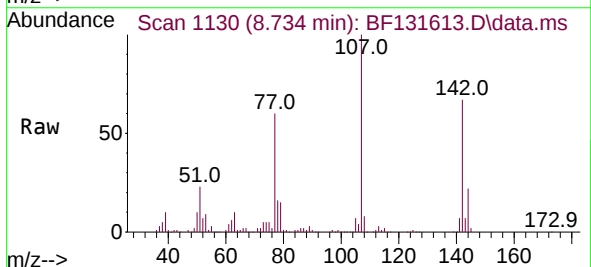
Manual Integrations
APPROVED

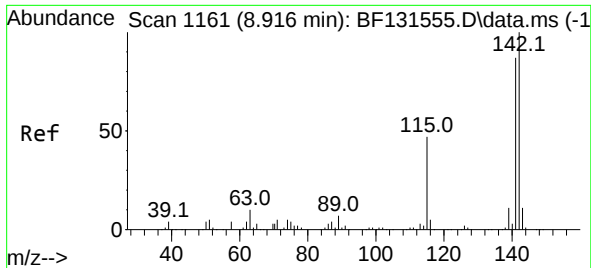
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#36
4-Chloro-3-methylphenol
Concen: 42.495 ng
RT: 8.734 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Tgt Ion:107 Resp: 211347
Ion Ratio Lower Upper
107 100
144 21.9 17.0 25.4
142 67.3 54.8 82.2





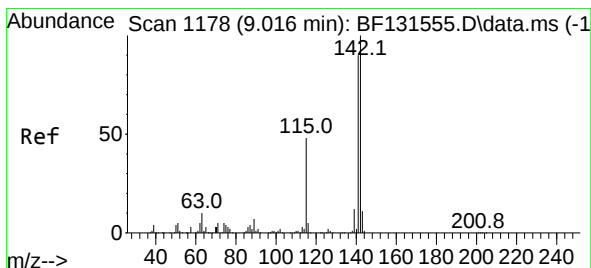
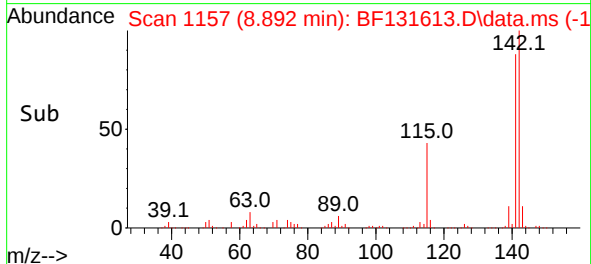
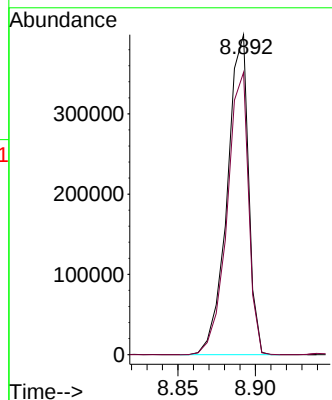
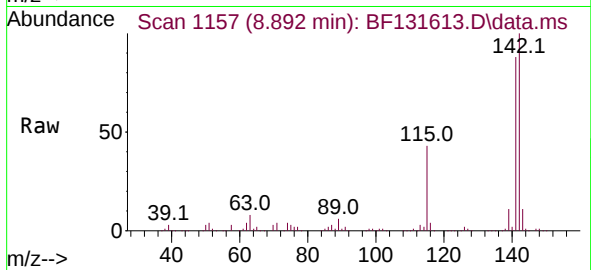
#37
2-Methylnaphthalene
Concen: 38.578 ng
RT: 8.892 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Instrument :
BNA_F
ClientSampleId :
PB149584BSD

Tgt Ion:142 Resp: 38172
Ion Ratio Lower Upper
142 100
141 88.2 69.7 104.5

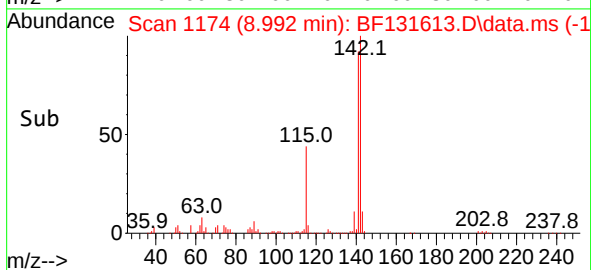
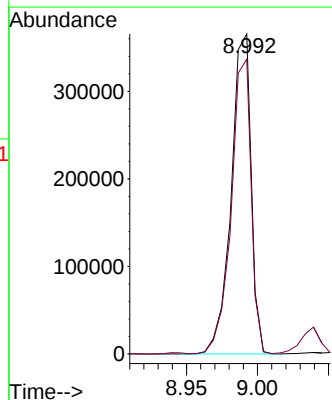
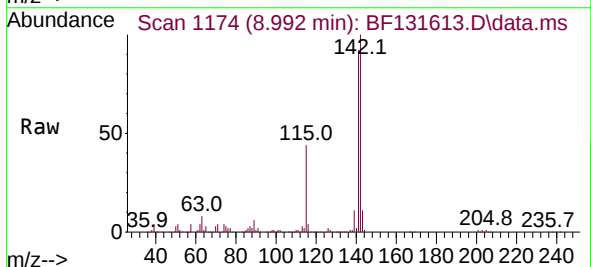
Manual Integrations
APPROVED

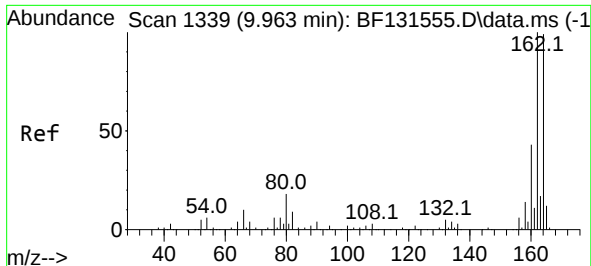
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#38
1-Methylnaphthalene
Concen: 37.534 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Tgt Ion:142 Resp: 356530
Ion Ratio Lower Upper
142 100
141 92.1 71.9 107.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1339

Delta R.T. 0.000 min

Lab File: BF131613.D

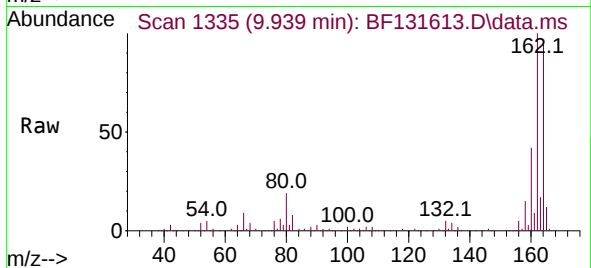
Acq: 13 Dec 2022 15:21

Instrument :

BNA_F

ClientSampleId :

PB149584BSD



Tgt Ion:164 Resp: 153228

Ion Ratio Lower Upper

164 100

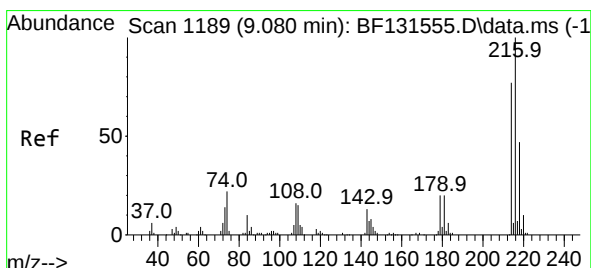
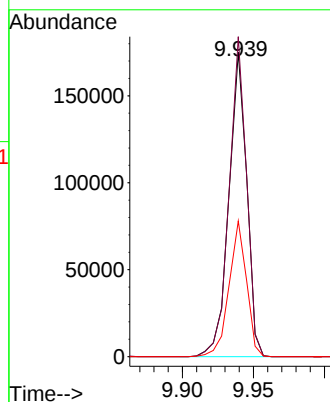
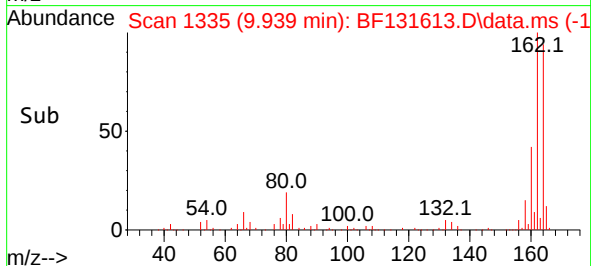
162 105.2 81.0 121.6

160 44.6 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.973 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF131613.D

Acq: 13 Dec 2022 15:21

Tgt Ion:216 Resp: 221060

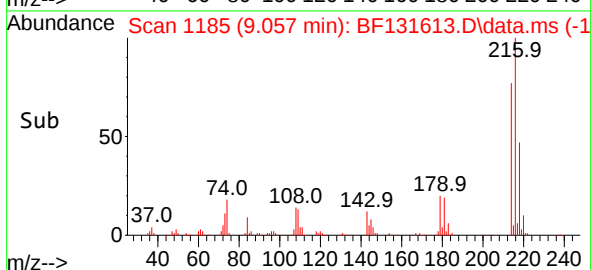
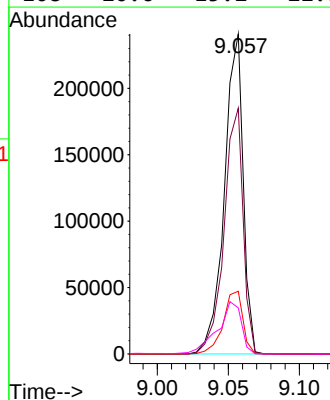
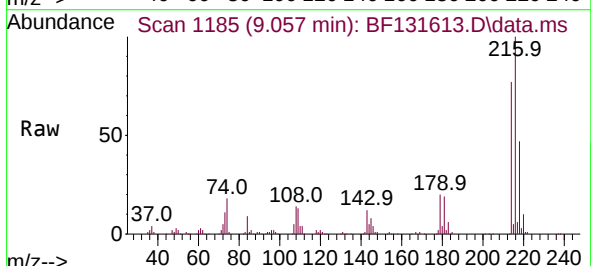
Ion Ratio Lower Upper

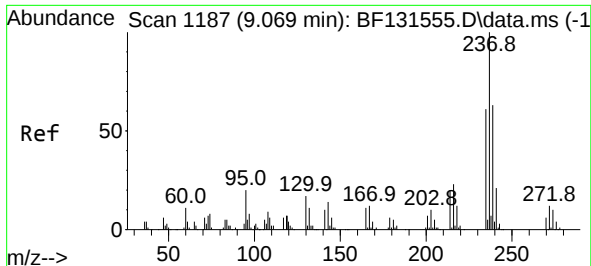
216 100

214 77.8 62.1 93.1

179 20.5 16.0 24.0

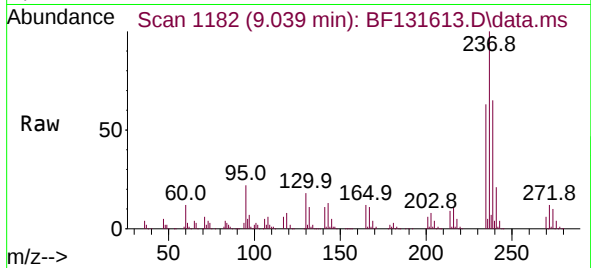
108 20.6 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 84.753 ng
RT: 9.039 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

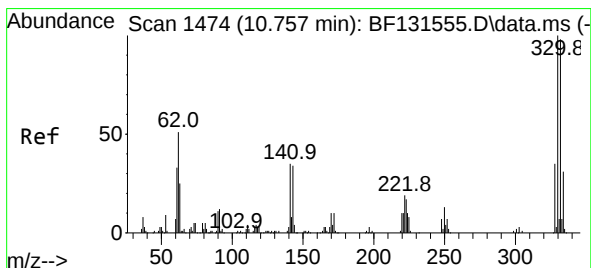
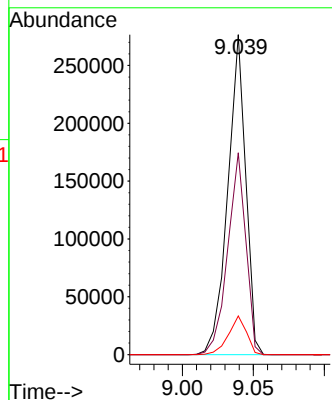
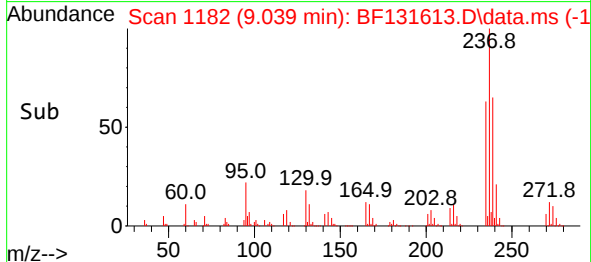
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



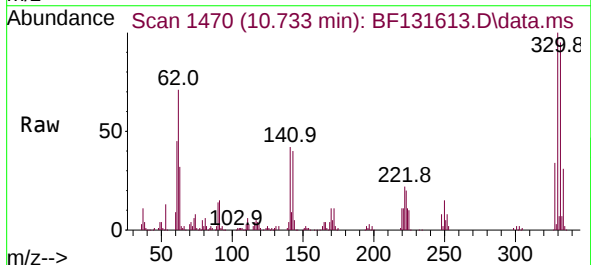
Tgt Ion:237 Resp: 244000
Ion Ratio Lower Upper
237 100
235 63.1 40.6 80.6
272 12.1 0.0 32.2

Manual Integrations
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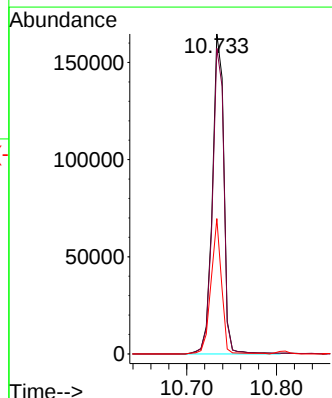
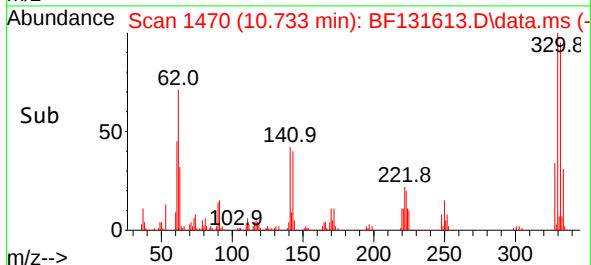
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

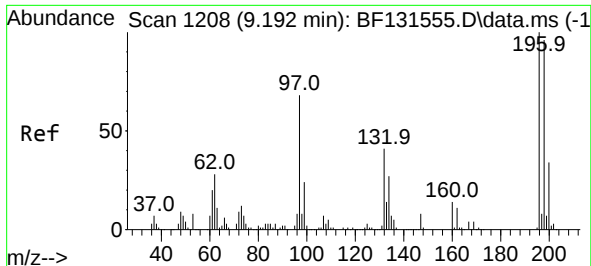


#42
2,4,6-Tribromophenol
Concen: 86.205 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21



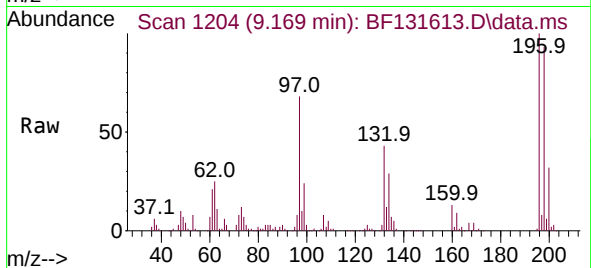
Tgt Ion:330 Resp: 146757
Ion Ratio Lower Upper
330 100
332 96.2 78.3 117.5
141 38.6 32.6 49.0





#43
2,4,6-Trichlorophenol
Concen: 40.342 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

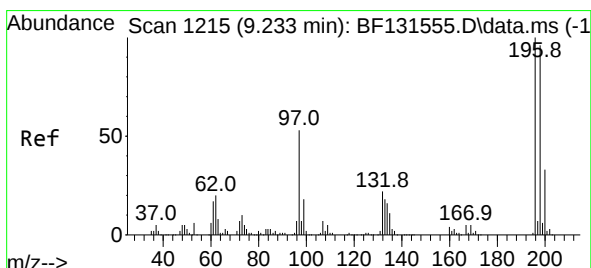
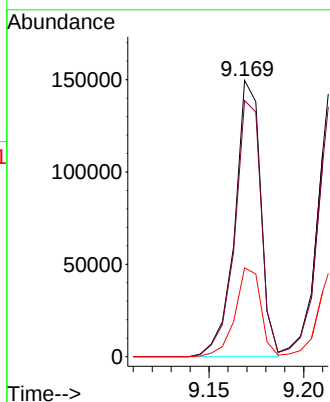
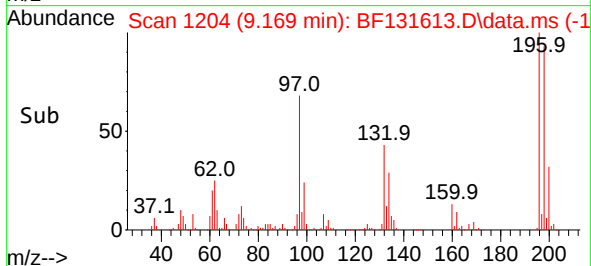
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



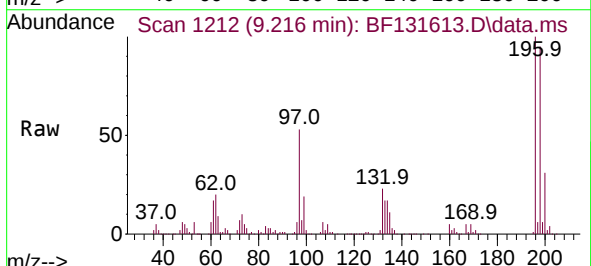
Tgt Ion:196 Resp: 141538
Ion Ratio Lower Upper
196 100
198 92.7 76.9 115.3
200 32.1 26.9 40.3

Manual Integrations
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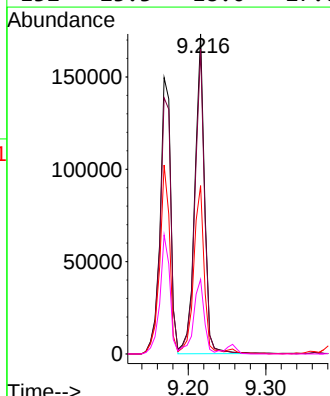
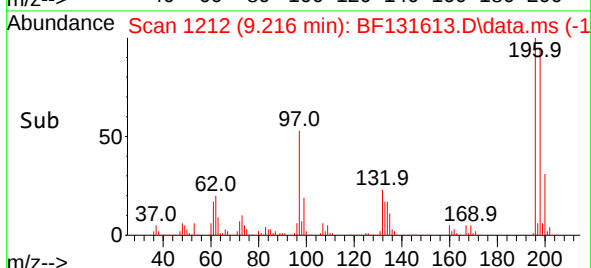
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

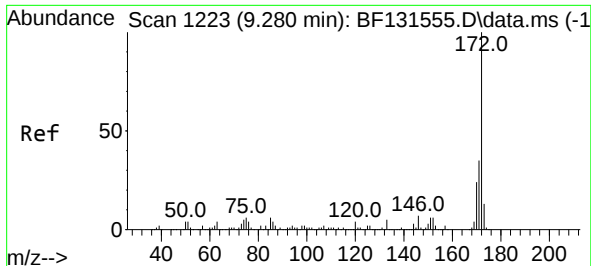


#44
2,4,5-Trichlorophenol
Concen: 40.109 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21



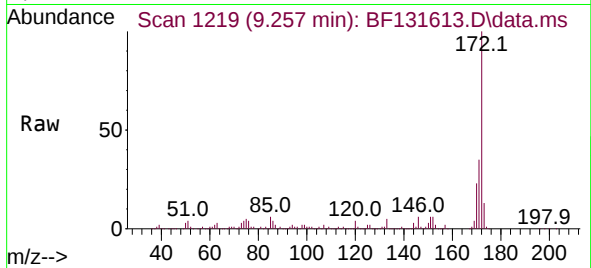
Tgt Ion:196 Resp: 151336
Ion Ratio Lower Upper
196 100
198 95.1 77.2 115.8
97 52.6 42.2 63.2
132 23.3 18.0 27.0





#45
2-Fluorobiphenyl
Concen: 75.635 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

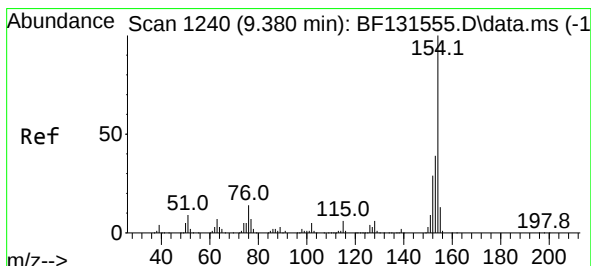
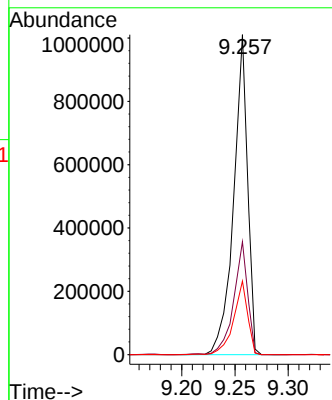
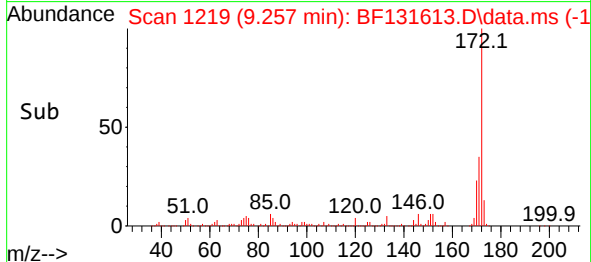
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



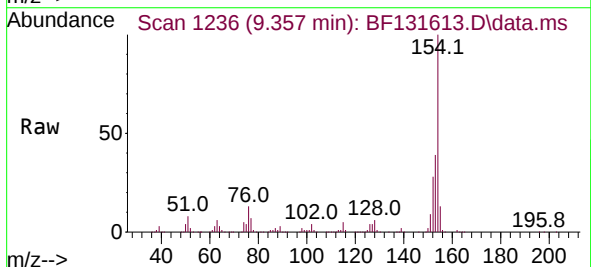
Tgt Ion:172 Resp: 919156
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.0 19.3 28.9

Manual Integrations
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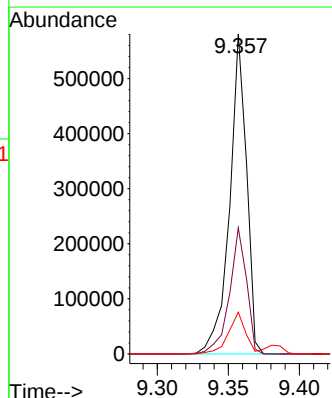
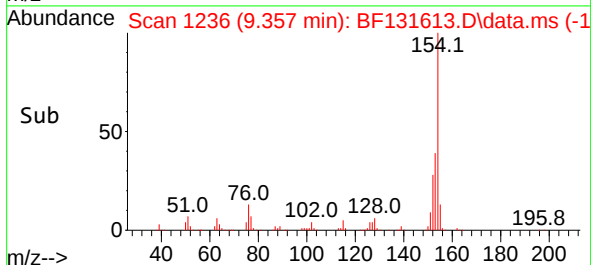
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

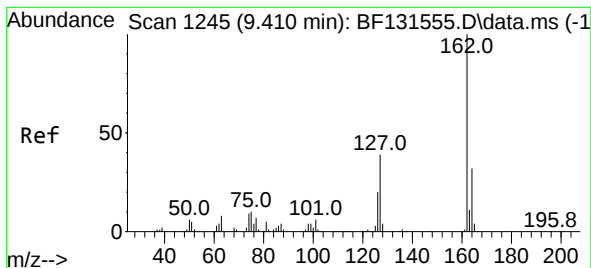


#46
1,1'-Biphenyl
Concen: 39.686 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21



Tgt Ion:154 Resp: 480795
Ion Ratio Lower Upper
154 100
153 39.4 19.4 59.4
76 13.0 0.0 34.0





#47

2-Chloronaphthalene

Concen: 39.487 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF131613.D

Acq: 13 Dec 2022 15:21

Instrument :

BNA_F

ClientSampleId :

PB149584BSD

Tgt Ion:162 Resp: 389766

Ion Ratio Lower Upper

162 100

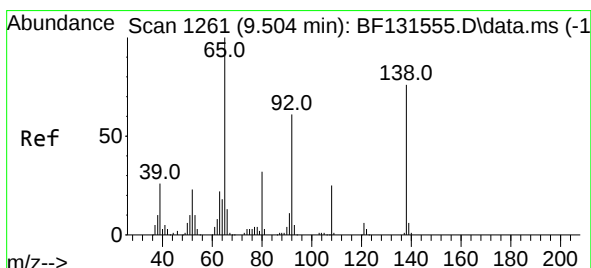
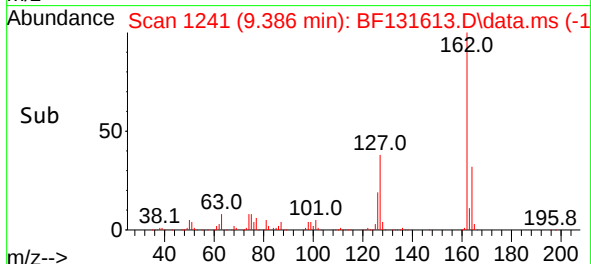
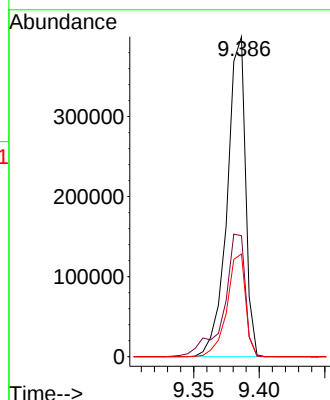
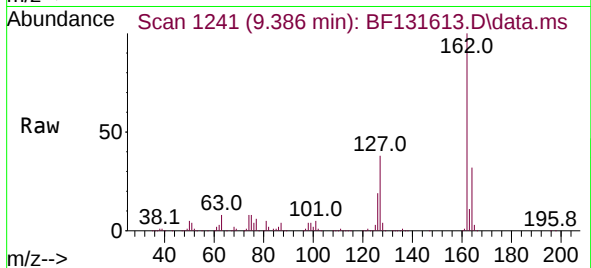
127 37.8 31.4 47.2

164 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#48

2-Nitroaniline

Concen: 40.766 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BF131613.D

Acq: 13 Dec 2022 15:21

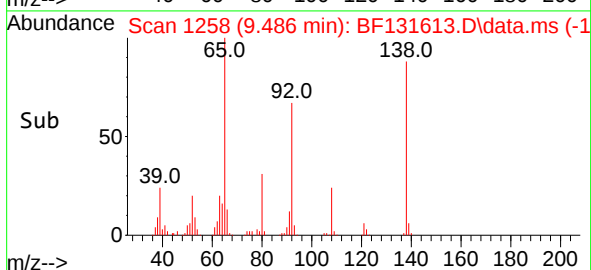
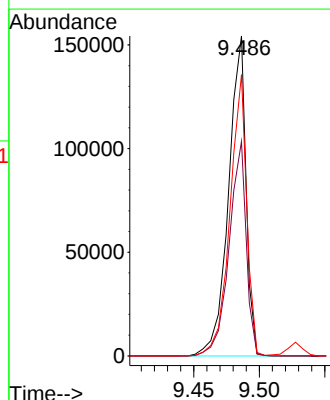
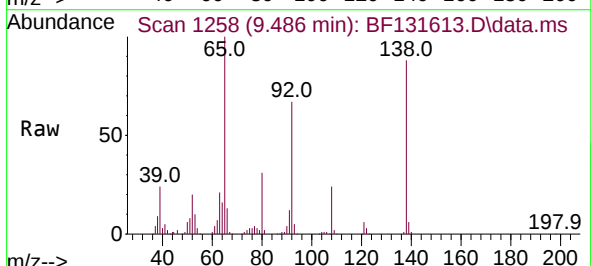
Tgt Ion: 65 Resp: 142540

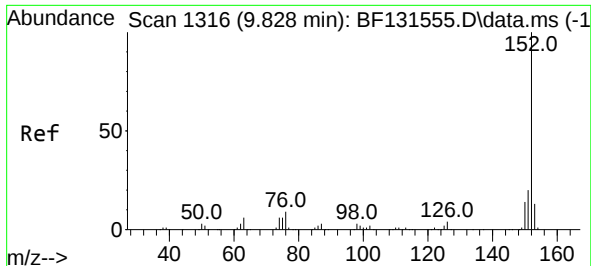
Ion Ratio Lower Upper

65 100

92 67.0 49.2 73.8

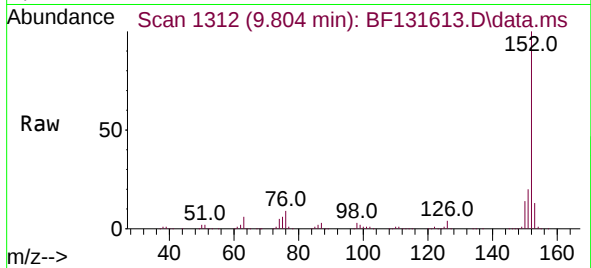
138 87.9 60.7 91.1





#49
Acenaphthylene
Concen: 40.318 ng
RT: 9.804 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

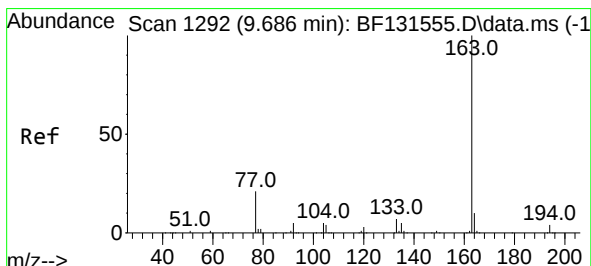
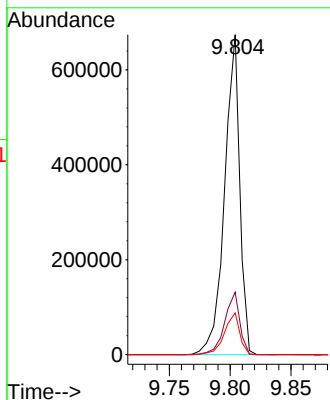
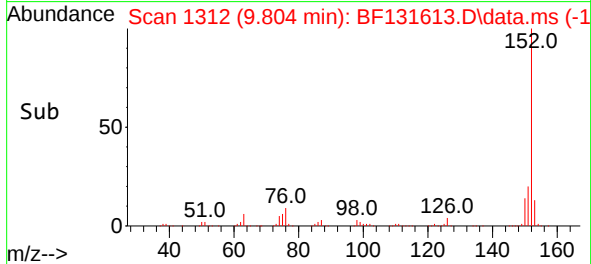
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



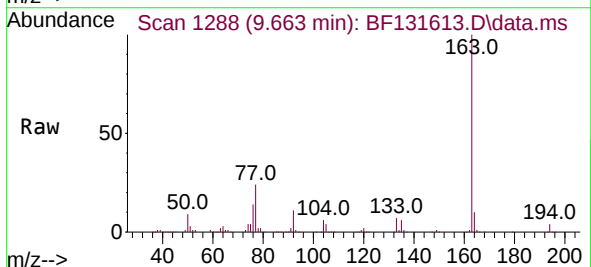
Tgt Ion:152 Resp: 584324
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.1 10.4 15.6

Manual Integrations
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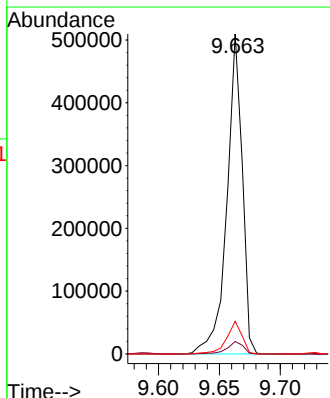
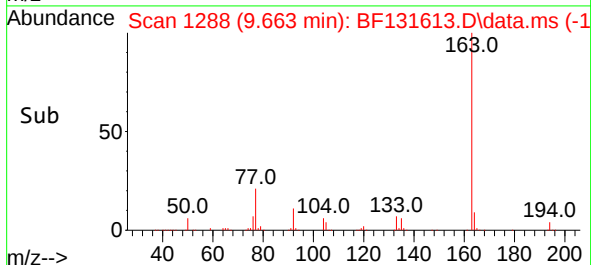
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

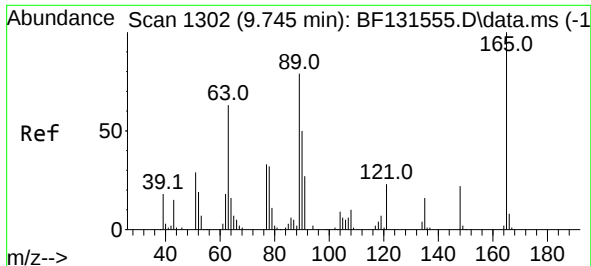


#50
Dimethylphthalate
Concen: 38.315 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21



Tgt Ion:163 Resp: 447547
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 7.8 11.6





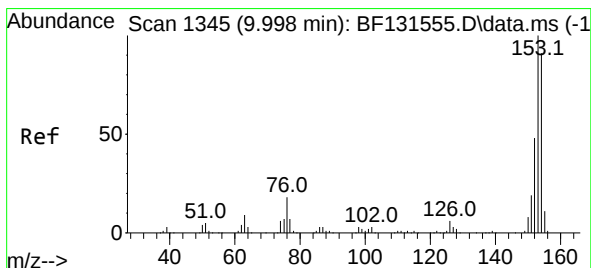
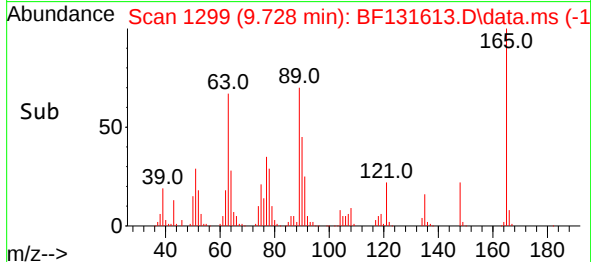
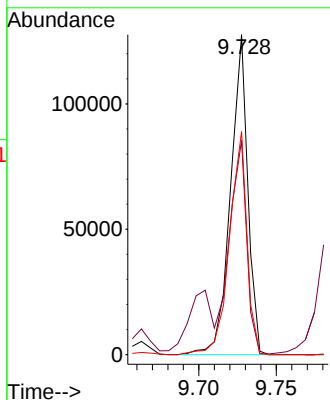
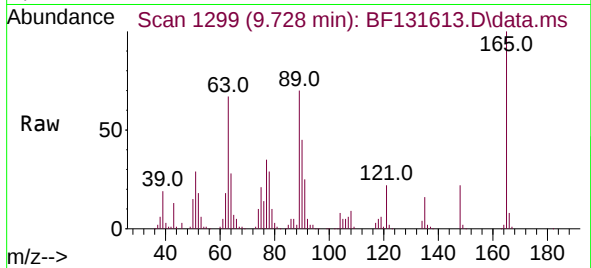
#51
2,6-Dinitrotoluene
Concen: 41.079 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Instrument :
BNA_F
ClientSampleId :
PB149584BSD

Tgt Ion:165 Resp: 99060
Ion Ratio Lower Upper
165 100
63 66.9 67.9 101.9
89 69.7 63.2 94.8

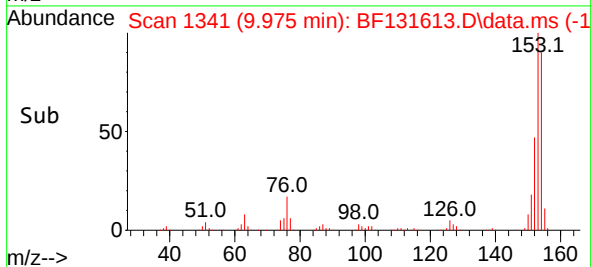
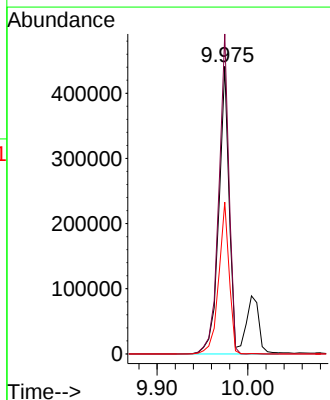
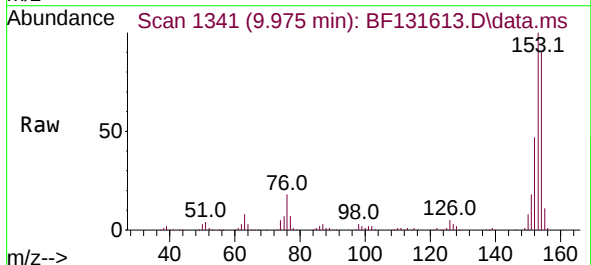
Manual Integrations
APPROVED

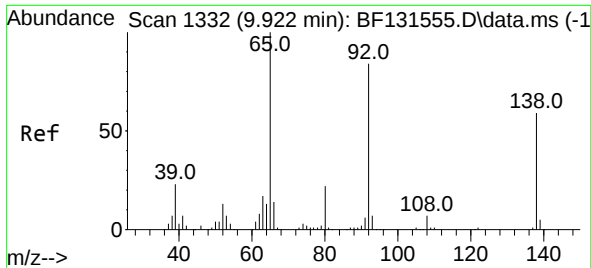
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#52
Acenaphthene
Concen: 44.678 ng m
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Tgt Ion:154 Resp: 433784
Ion Ratio Lower Upper
154 100
153 111.3 87.9 131.9
152 52.8 42.4 63.6





#53
3-Nitroaniline
Concen: 31.058 ng
RT: 9.898 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Instrument :

BNA_F

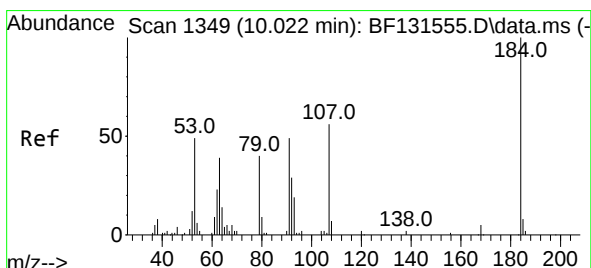
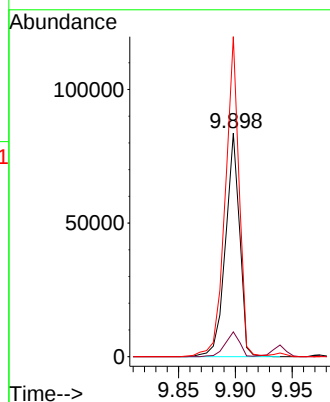
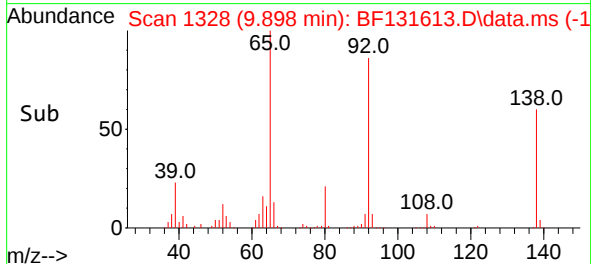
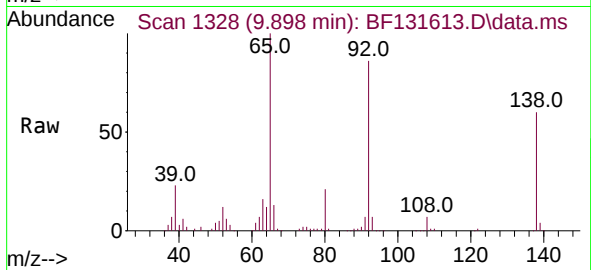
ClientSampleId :

PB149584BSD

Tgt Ion:138 Resp: 71858
Ion Ratio Lower Upper
138 100
108 11.0 9.6 14.4
92 143.3 113.4 170.0

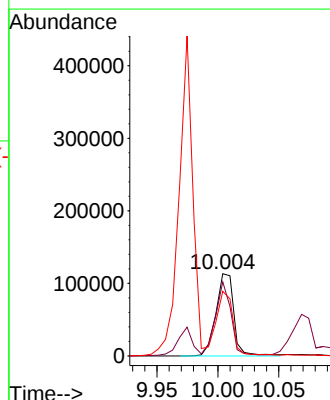
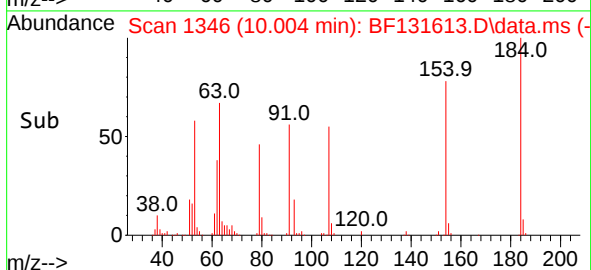
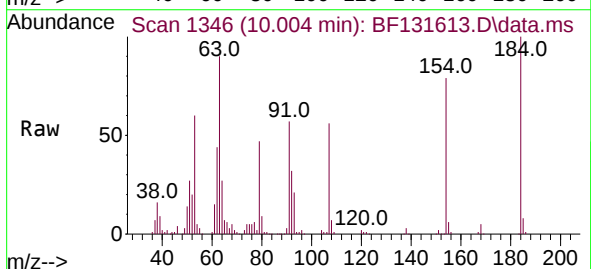
Manual Integrations
APPROVED

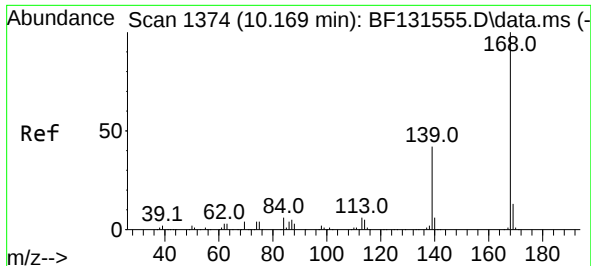
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#54
2,4-Dinitrophenol
Concen: 84.031 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

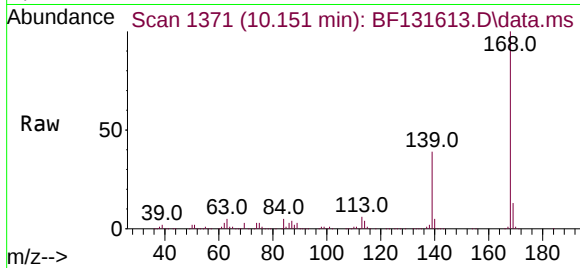
Tgt Ion:184 Resp: 116300
Ion Ratio Lower Upper
184 100
63 90.0 60.7 91.1
154 78.6 59.0 88.6





#55
Dibenzenofuran
Concen: 39.211 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

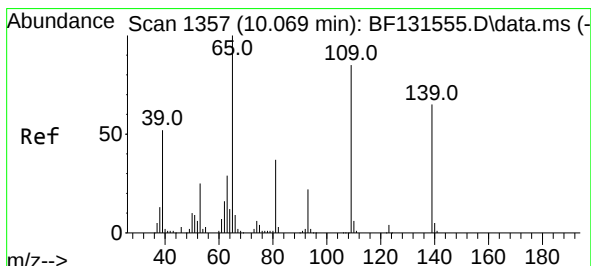
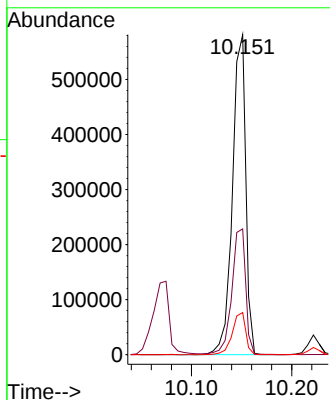
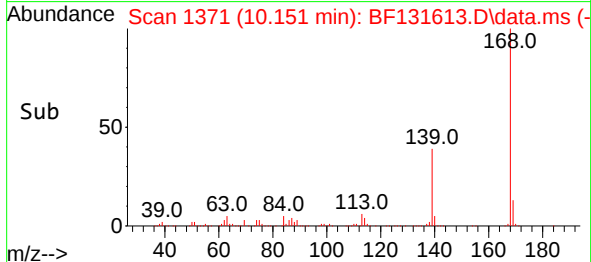
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



Tgt Ion:168 Resp: 537916
Ion Ratio Lower Upper
168 100
139 39.3 33.9 50.9
169 13.1 10.7 16.1

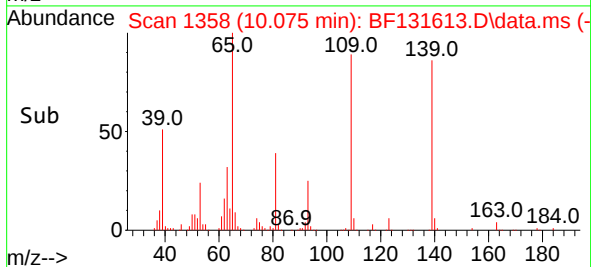
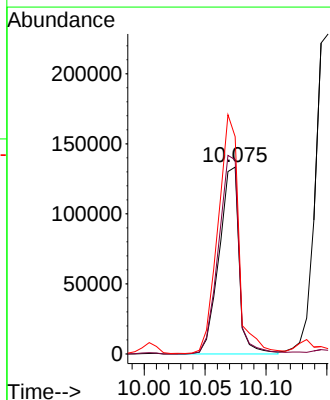
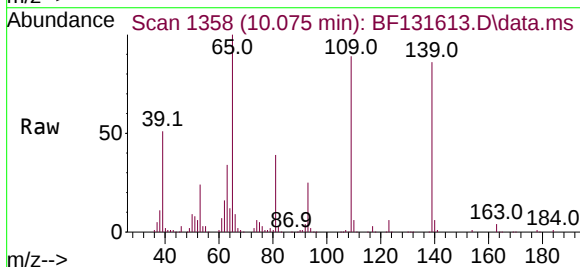
Manual Integrations
APPROVED

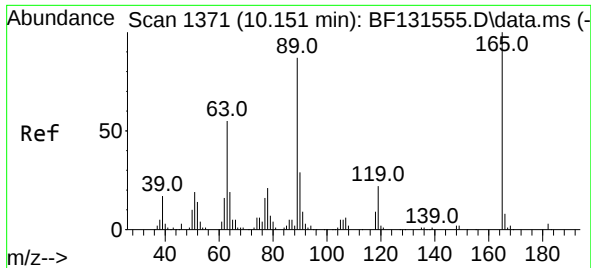
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#56
4-Nitrophenol
Concen: 94.591 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

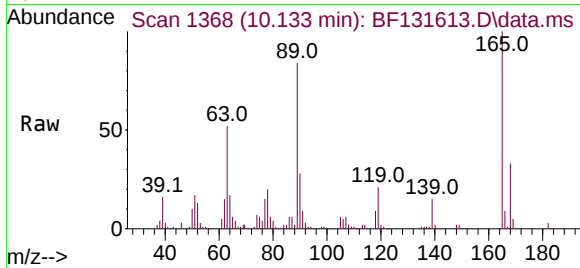
Tgt Ion:139 Resp: 152036
Ion Ratio Lower Upper
139 100
109 104.0 110.2 150.2#
65 116.3 133.3 173.3#





#57
2,4-Dinitrotoluene
Concen: 43.433 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

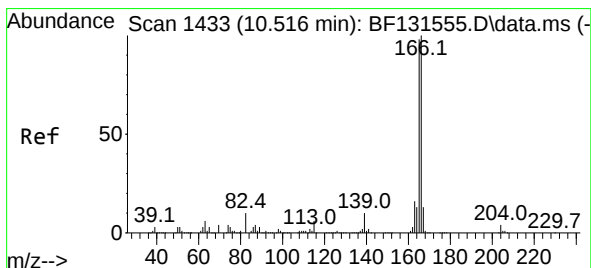
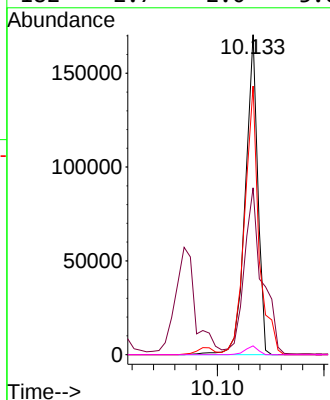
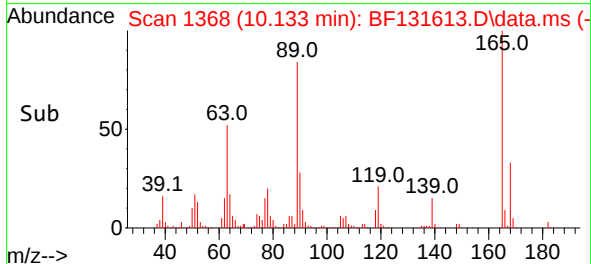
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



Tgt Ion:165 Resp: 138935
Ion Ratio Lower Upper
165 100
63 52.1 44.4 66.6
89 83.9 69.6 104.4
182 2.7 2.0 3.0

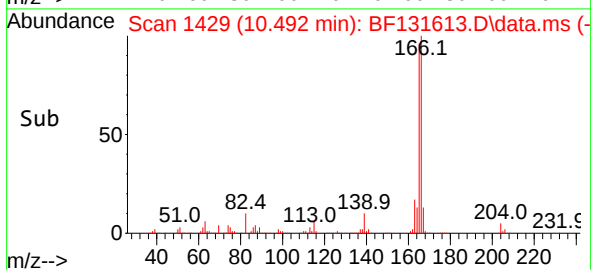
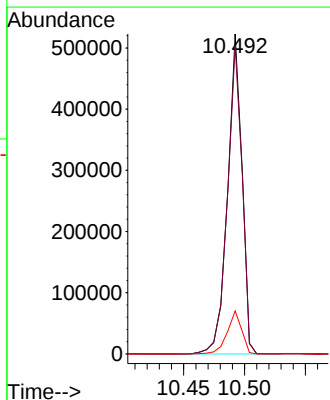
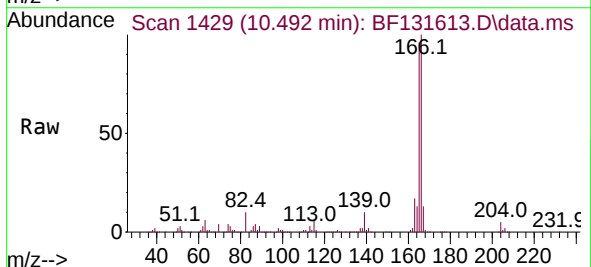
Manual Integrations
APPROVED

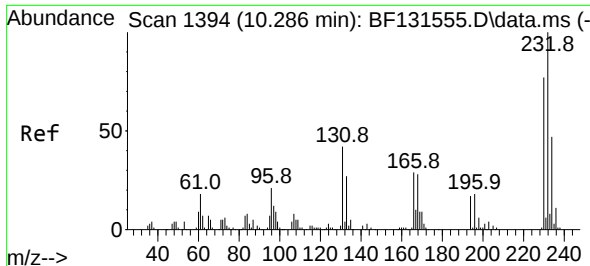
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#58
Fluorene
Concen: 38.530 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

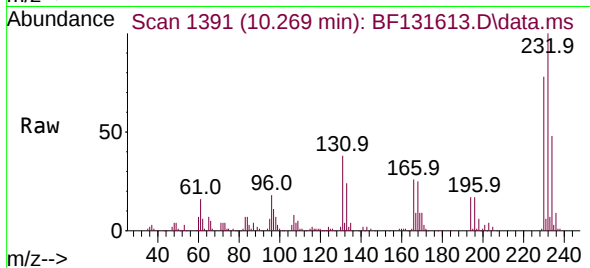
Tgt Ion:166 Resp: 429705
Ion Ratio Lower Upper
166 100
165 96.2 78.4 117.6
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.754 ng m
RT: 10.269 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

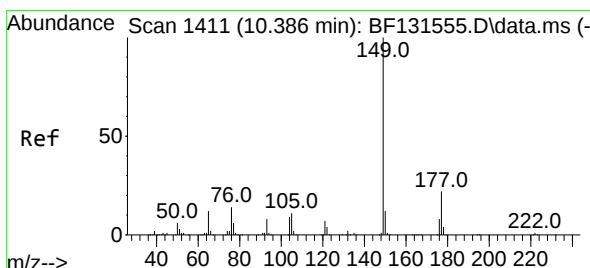
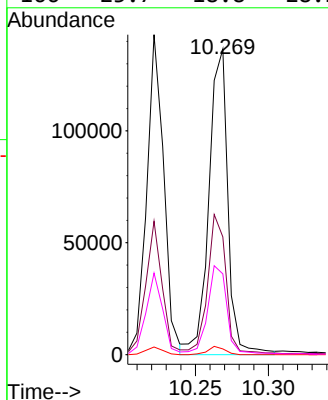
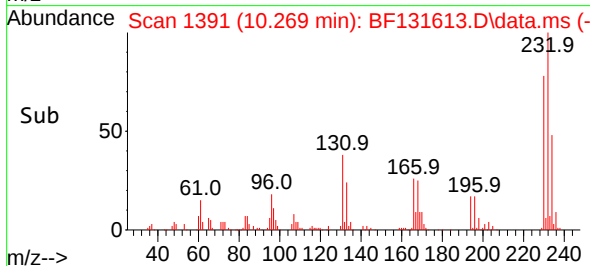
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



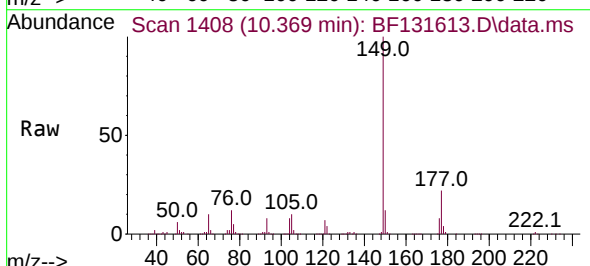
Tgt Ion:232 Resp: 123821
Ion Ratio Lower Upper
232 100
131 38.0 31.0 46.6
130 2.2 1.8 2.8
166 23.7 18.8 28.2

Manual Integrations
APPROVED

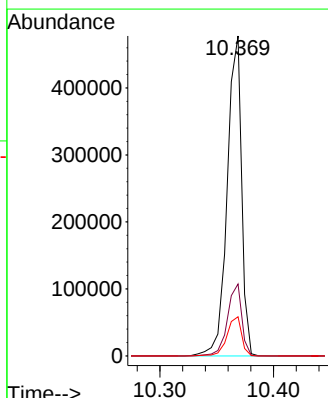
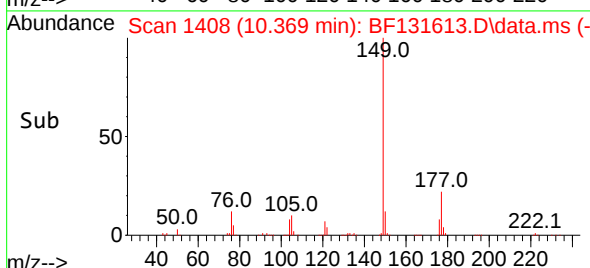
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

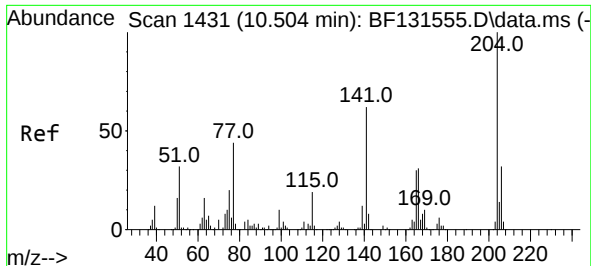


#60
Diethylphthalate
Concen: 37.455 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21



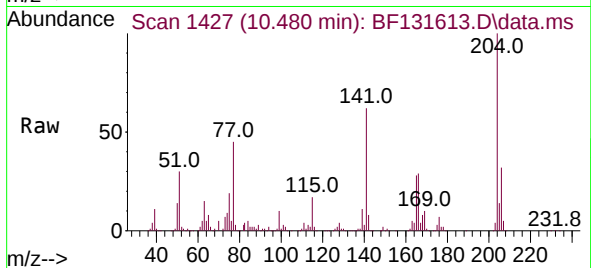
Tgt Ion:149 Resp: 419847
Ion Ratio Lower Upper
149 100
177 22.5 17.4 26.2
150 12.2 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 37.445 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

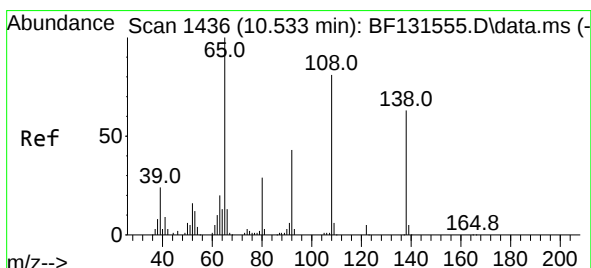
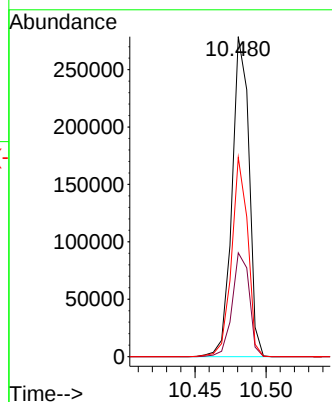
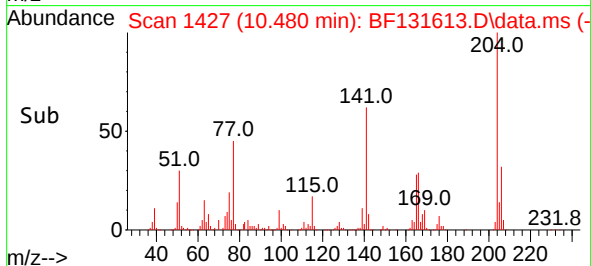
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



Tgt Ion:204 Resp: 230775
Ion Ratio Lower Upper
204 100
206 32.4 25.4 38.2
141 62.2 49.5 74.3

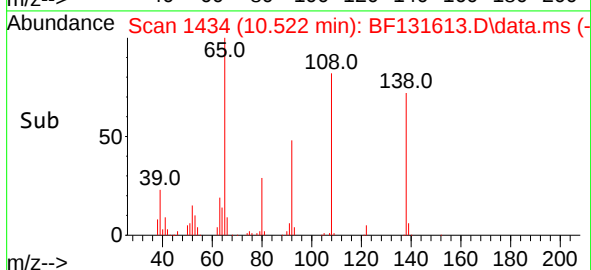
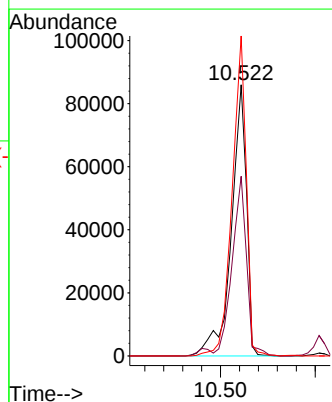
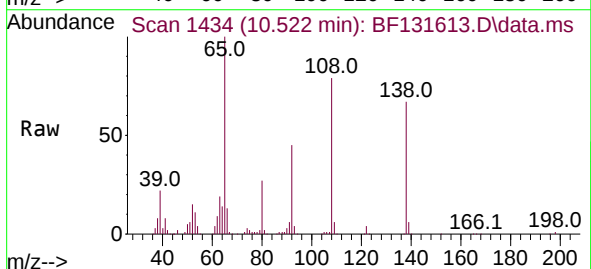
Manual Integrations
APPROVED

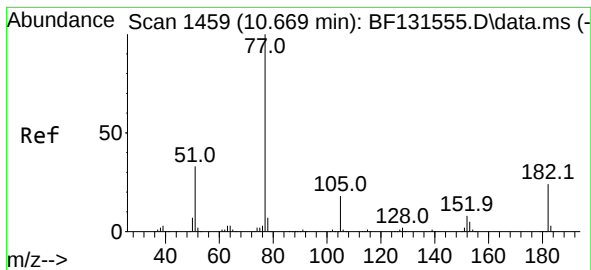
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#62
4-Nitroaniline
Concen: 41.659 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Tgt Ion:138 Resp: 95514
Ion Ratio Lower Upper
138 100
92 66.2 47.5 87.5
108 118.0 108.8 148.8





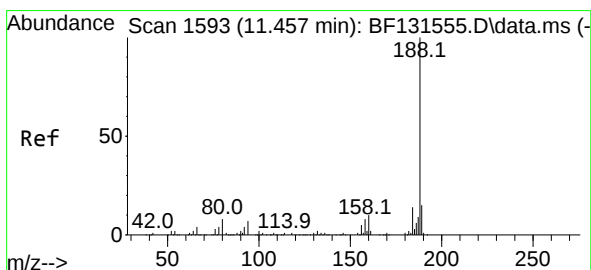
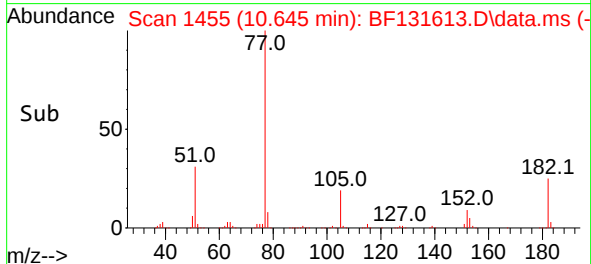
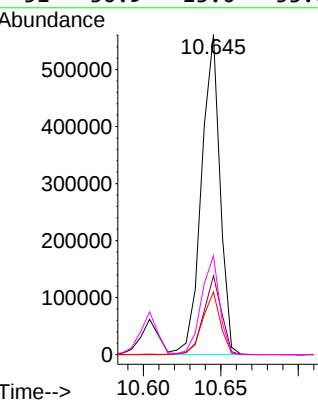
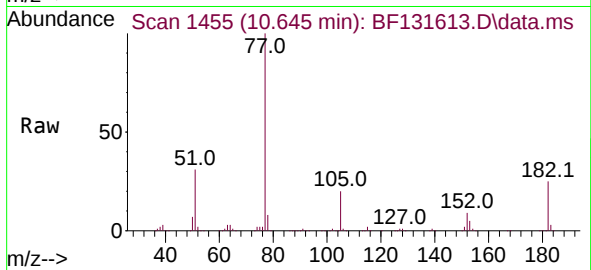
#63
Azobenzene
Concen: 36.521 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Instrument :
BNA_F
ClientSampleId :
PB149584BSD

Tgt Ion: 77 Resp: 466913
Ion Ratio Lower Upper
77 100
182 24.6 3.9 43.9
105 19.6 0.0 38.3
51 30.9 13.0 53.0

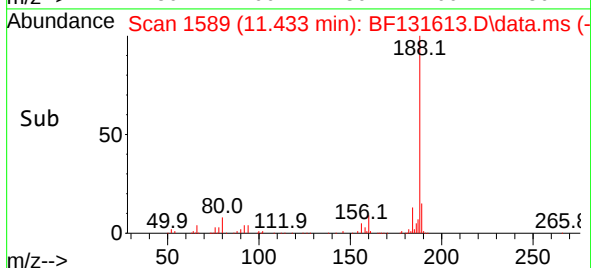
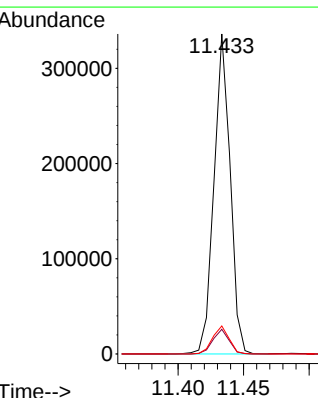
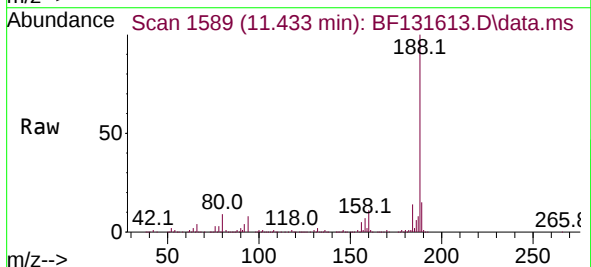
Manual Integrations
APPROVED

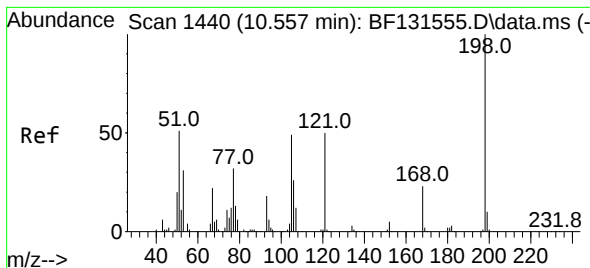
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Tgt Ion:188 Resp: 289276
Ion Ratio Lower Upper
188 100
94 7.7 5.5 8.3
80 8.8 6.6 10.0





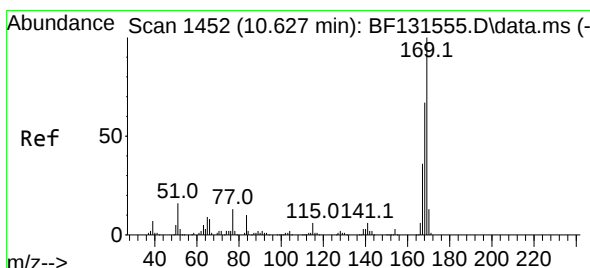
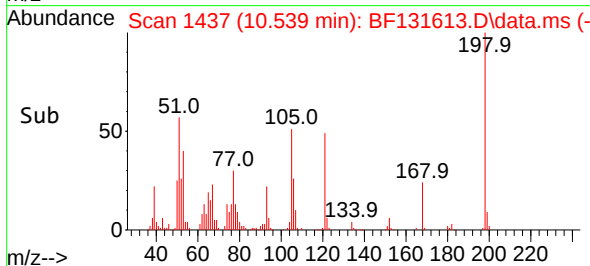
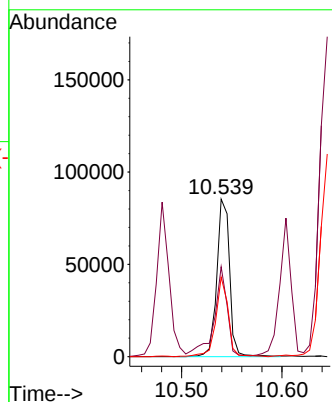
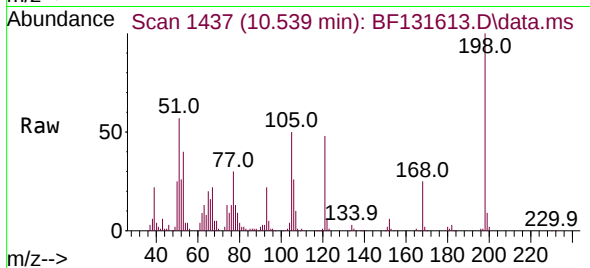
#65
4,6-Dinitro-2-methylphenol
Concen: 41.356 ng
RT: 10.539 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Instrument :
BNA_F
ClientSampleId :
PB149584BSD

Tgt Ion:198 Resp: 75772
Ion Ratio Lower Upper
198 100
51 57.1 36.7 76.7
105 50.4 29.9 69.9

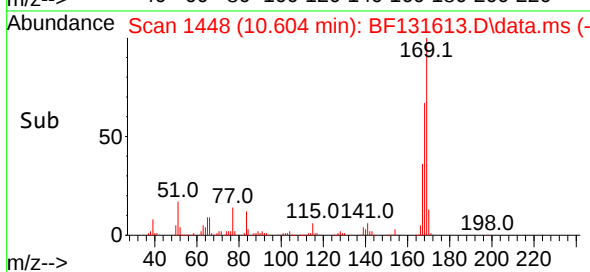
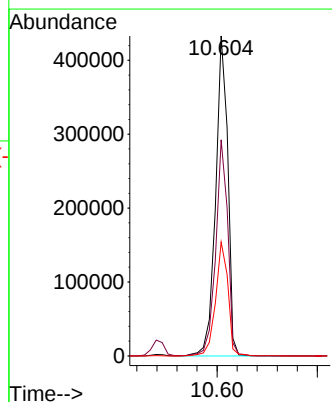
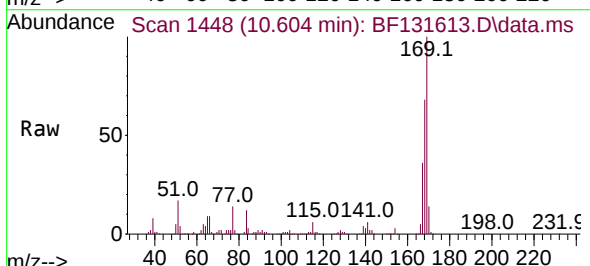
Manual Integrations
APPROVED

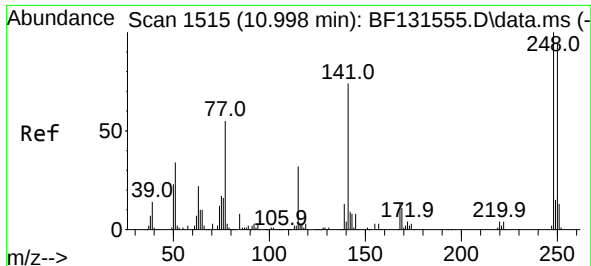
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#66
n-Nitrosodiphenylamine
Concen: 38.979 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

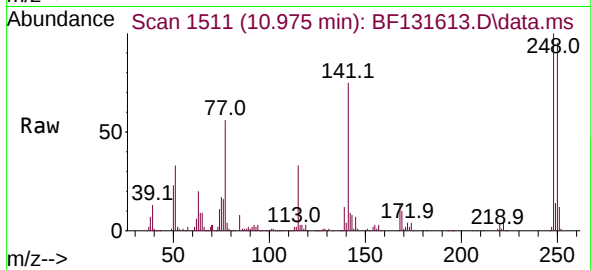
Tgt Ion:169 Resp: 364535
Ion Ratio Lower Upper
169 100
168 67.5 53.8 80.6
167 35.6 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 37.745 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

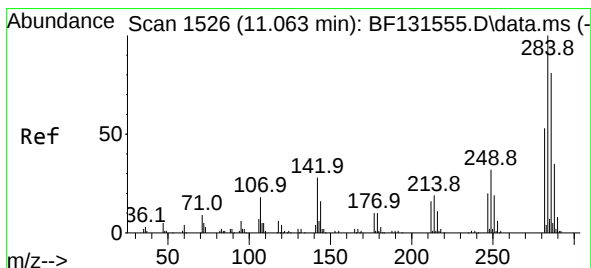
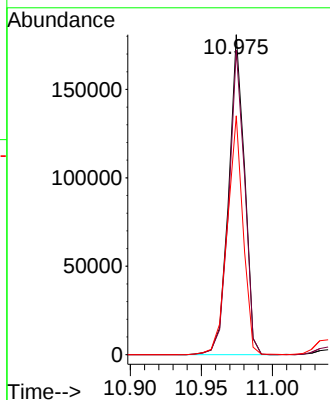
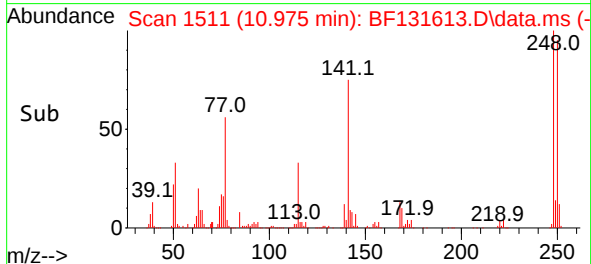
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



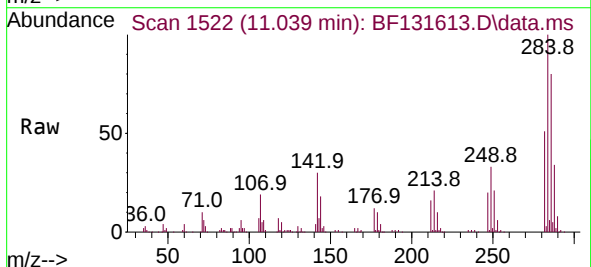
Tgt Ion:248 Resp: 140462
Ion Ratio Lower Upper
248 100
250 95.1 76.2 114.2
141 74.6 59.5 89.3

Manual Integrations
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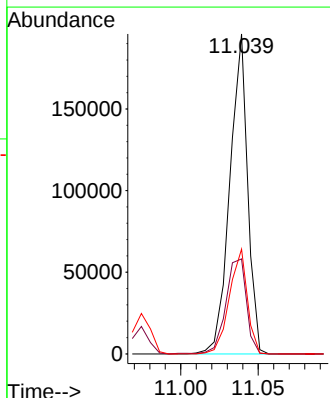
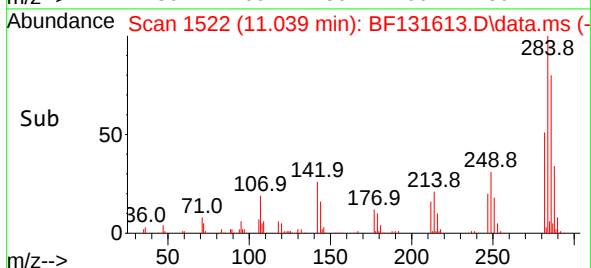
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

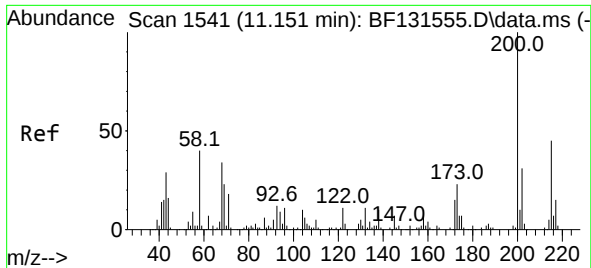


#68
Hexachlorobenzene
Concen: 38.880 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21



Tgt Ion:284 Resp: 156502
Ion Ratio Lower Upper
284 100
142 29.7 22.3 33.5
249 32.7 25.4 38.2





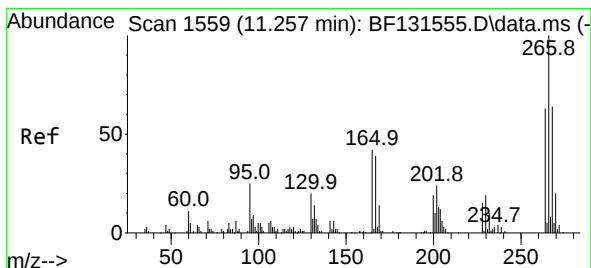
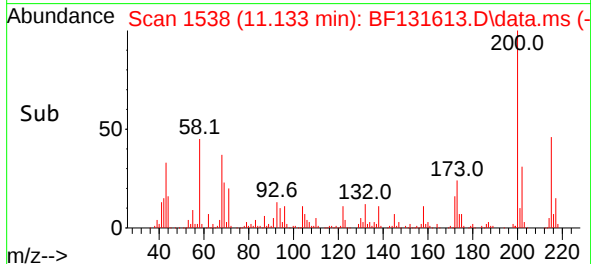
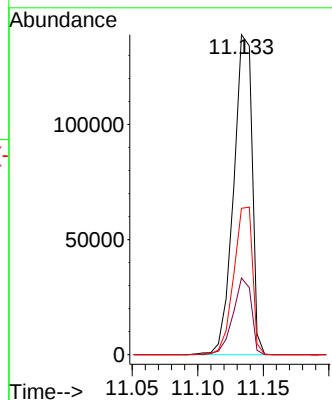
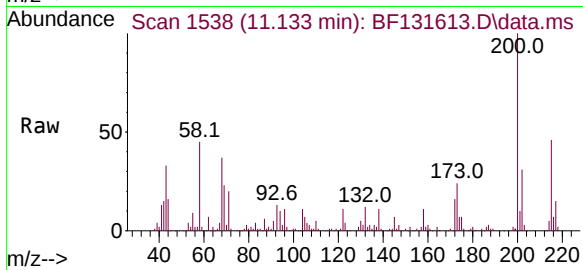
#69
Atrazine
Concen: 45.843 ng
RT: 11.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Instrument :
BNA_F
ClientSampleId :
PB149584BSD

Tgt Ion:200 Resp: 136146
Ion Ratio Lower Upper
200 100
173 23.9 3.4 43.4
215 45.7 25.0 65.0

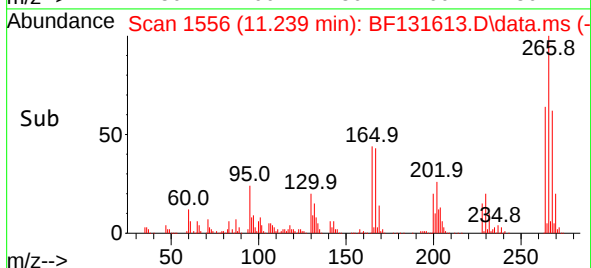
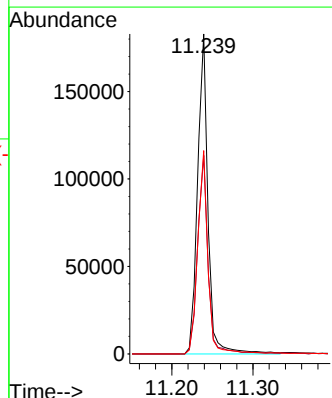
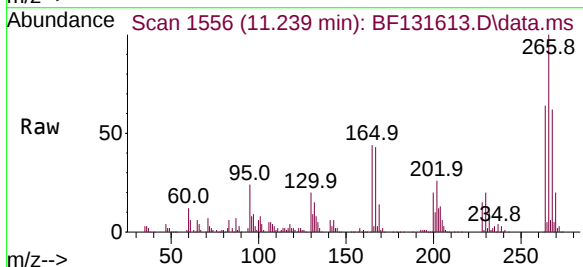
Manual Integrations
APPROVED

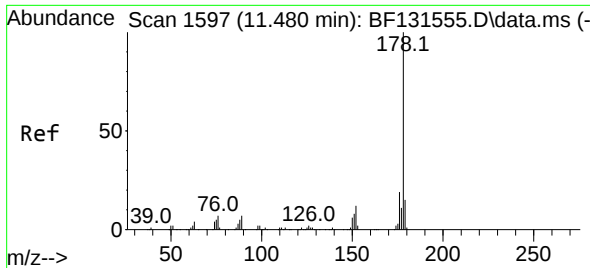
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#70
Pentachlorophenol
Concen: 78.116 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Tgt Ion:266 Resp: 161873
Ion Ratio Lower Upper
266 100
268 62.0 51.5 77.3
264 63.5 50.7 76.1





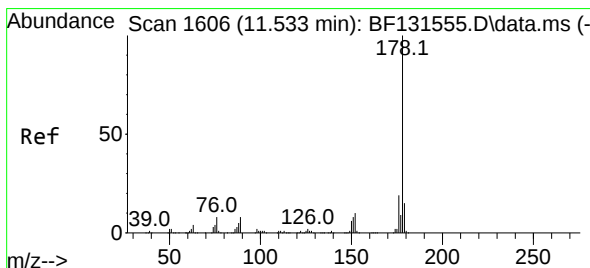
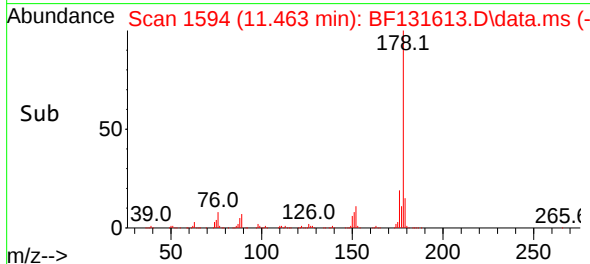
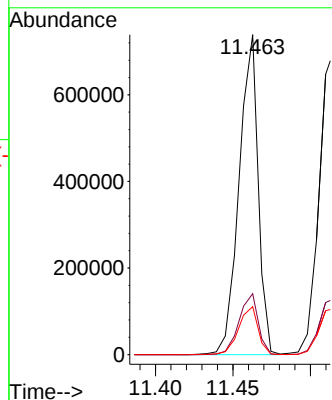
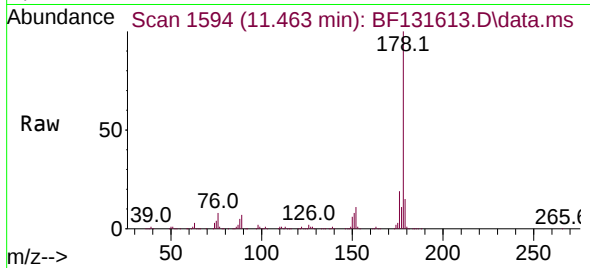
#71
Phenanthrene
Concen: 39.194 ng
RT: 11.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Instrument :
BNA_F
ClientSampleId :
PB149584BSD

Tgt Ion:178 Resp: 631956
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.0 12.2 18.4

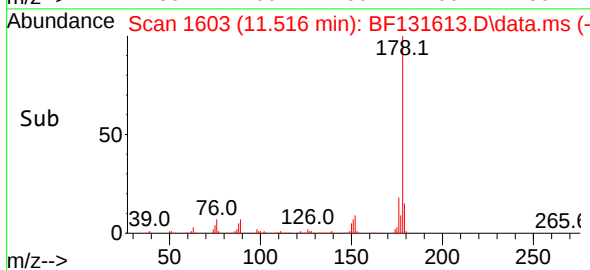
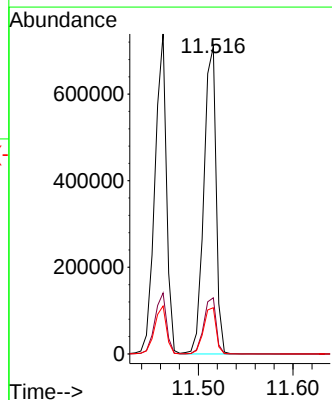
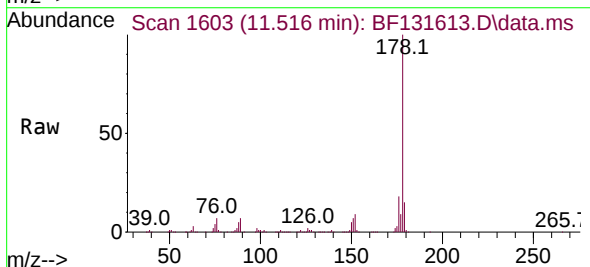
Manual Integrations
APPROVED

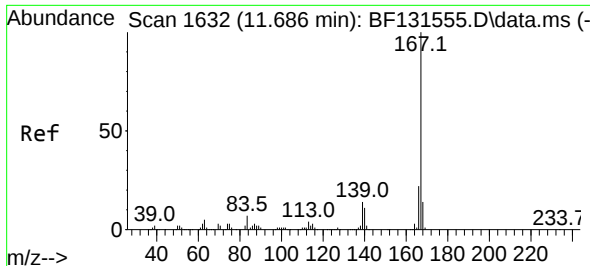
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#72
Anthracene
Concen: 40.563 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

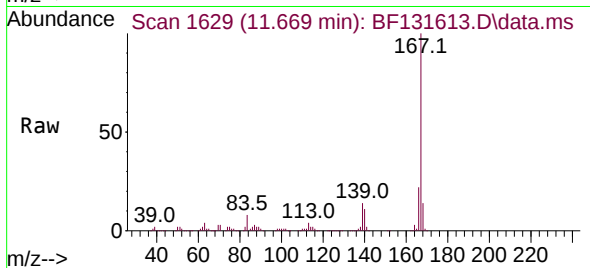
Tgt Ion:178 Resp: 636324
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.0 12.3 18.5





#73
 Carbazole
 Concen: 43.303 ng
 RT: 11.669 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: BF131613.D
 Acq: 13 Dec 2022 15:21

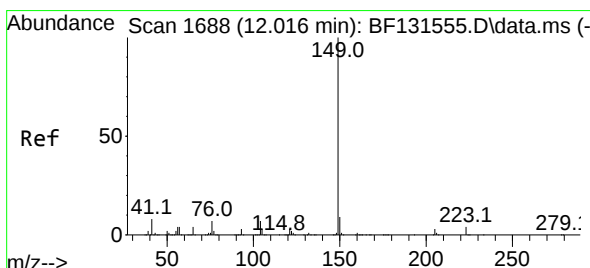
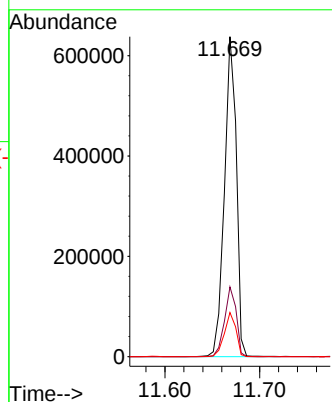
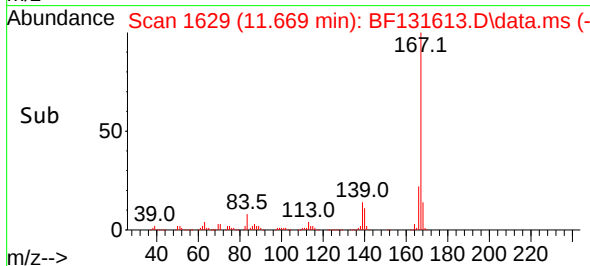
Instrument :
 BNA_F
 ClientSampleId :
 PB149584BSD



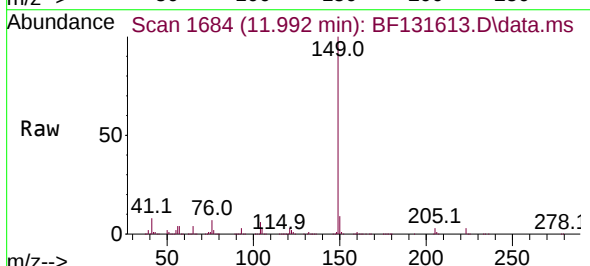
Tgt Ion:167 Resp: 554472
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.8 11.0 16.4

Manual Integrations
 APPROVED

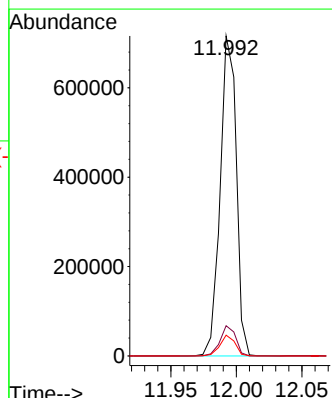
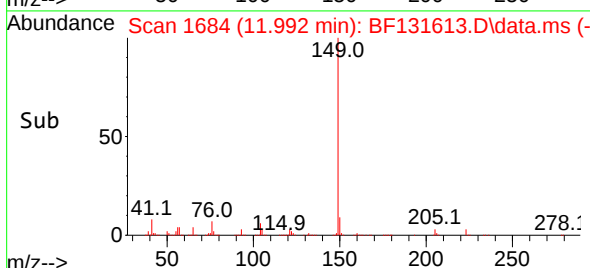
Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022

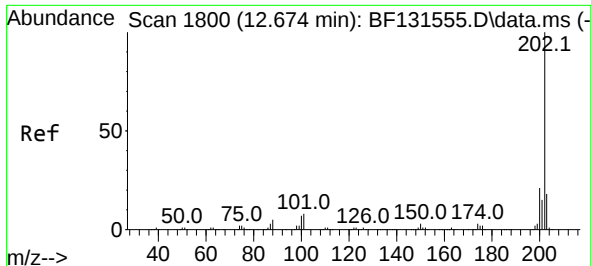


#74
 Di-n-butylphthalate
 Concen: 39.171 ng
 RT: 11.992 min Scan# 1684
 Delta R.T. -0.006 min
 Lab File: BF131613.D
 Acq: 13 Dec 2022 15:21



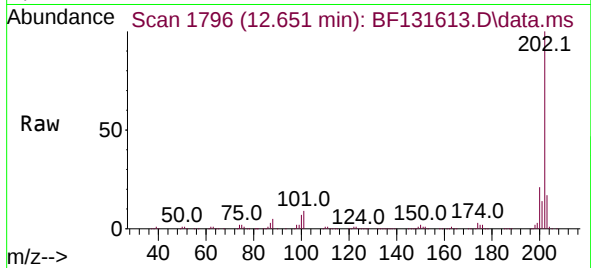
Tgt Ion:149 Resp: 615334
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 6.5 5.2 7.8





#75
Fluoranthene
Concen: 41.687 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

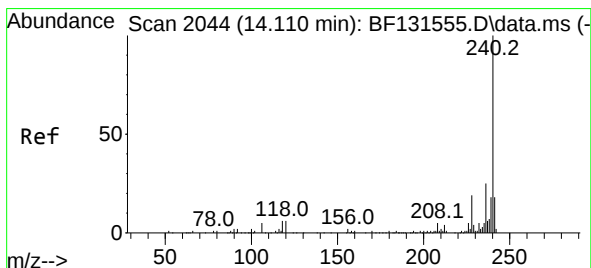
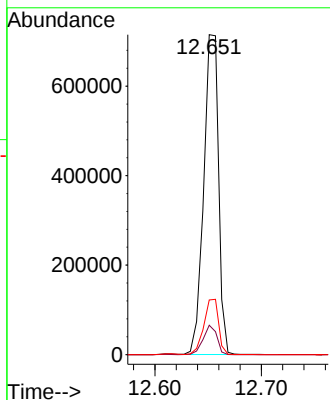
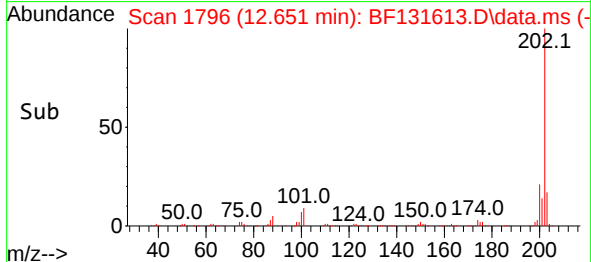
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



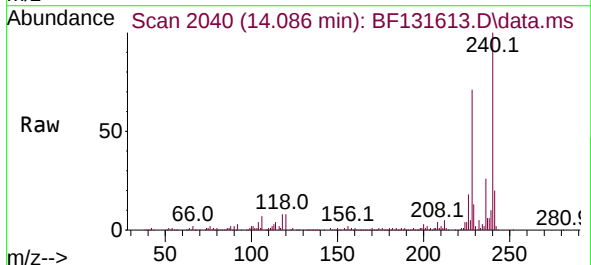
Tgt Ion:202 Resp: 692138
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.7
203 17.1 0.0 37.7

Manual Integrations
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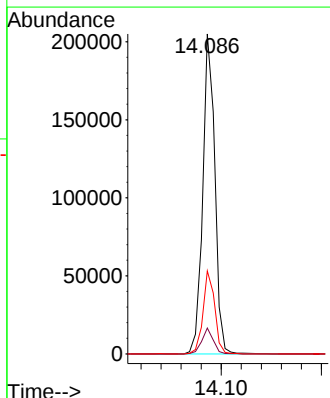
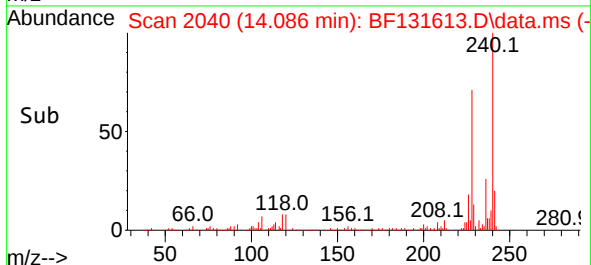
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

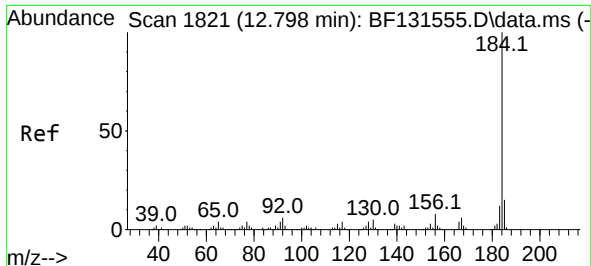


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21



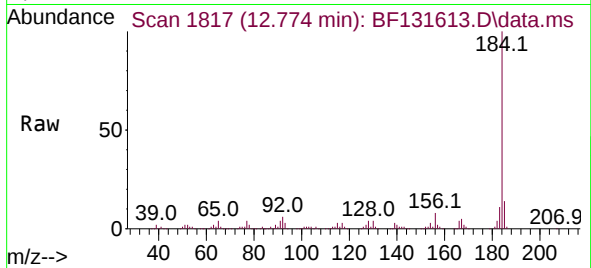
Tgt Ion:240 Resp: 170745
Ion Ratio Lower Upper
240 100
120 8.1 4.6 7.0#
236 25.9 20.2 30.2





#77
Benzidine
Concen: 40.313 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

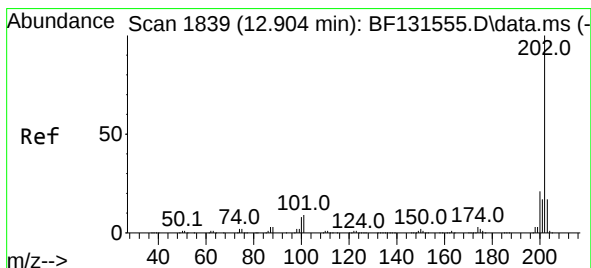
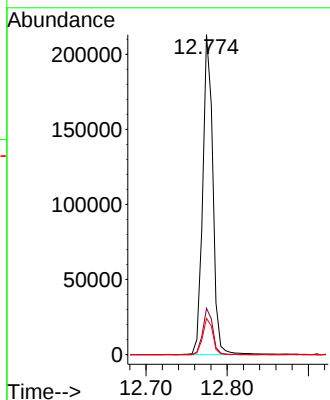
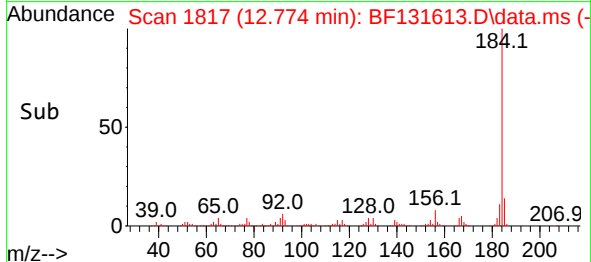
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



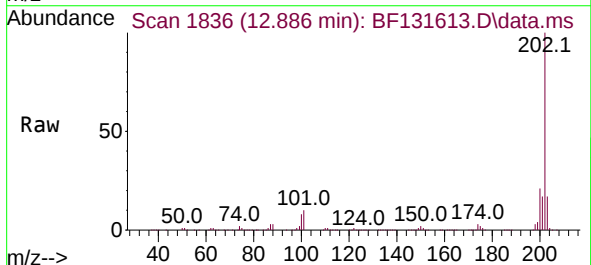
Tgt Ion:184 Resp: 184436
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.2
183 11.3 9.3 13.9

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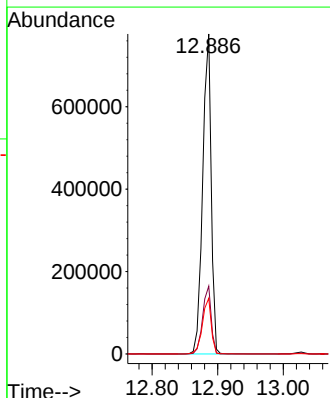
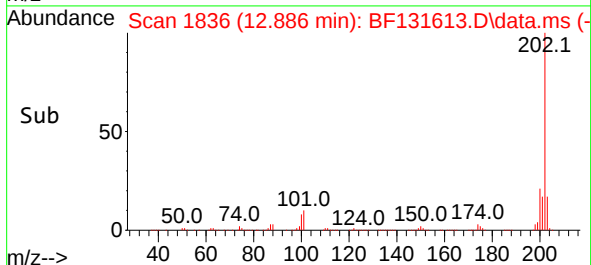
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

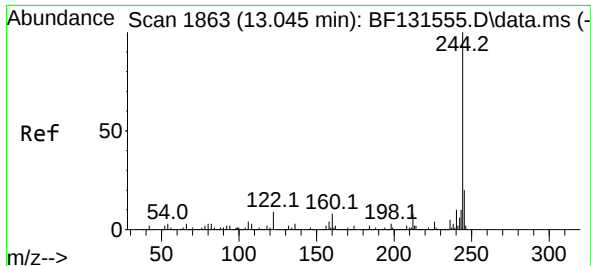


#78
Pyrene
Concen: 41.090 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21



Tgt Ion:202 Resp: 691811
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.4 13.8 20.6





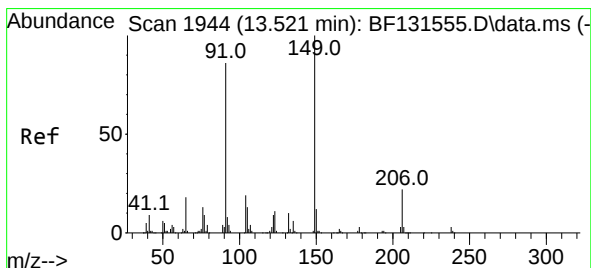
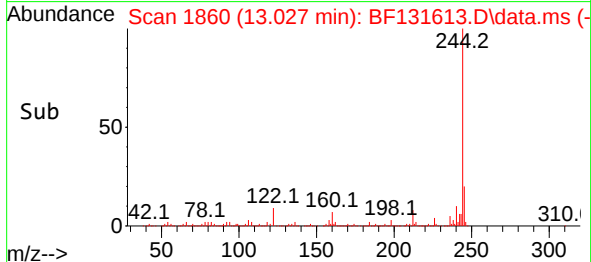
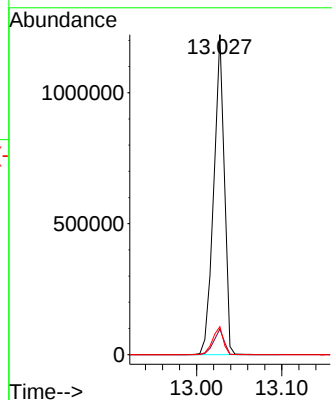
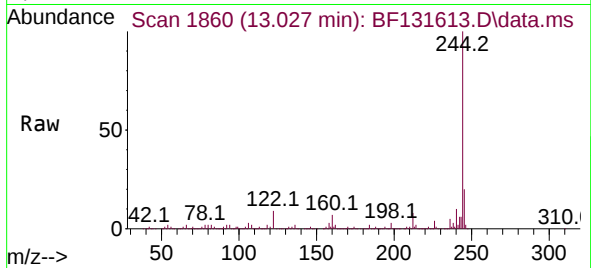
#79
 Terphenyl-d14
 Concen: 84.567 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF131613.D
 Acq: 13 Dec 2022 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB149584BSD

Tgt Ion:244 Resp: 105289
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 8.7 7.1 10.7

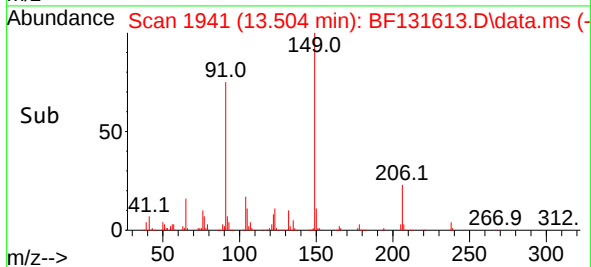
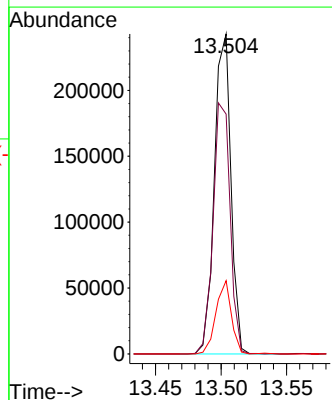
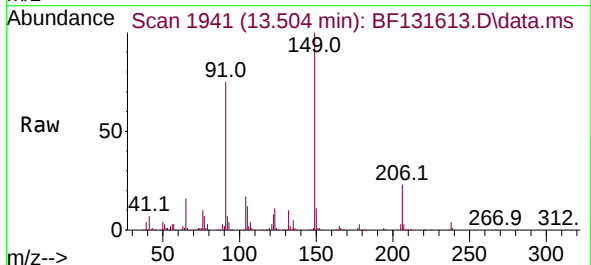
Manual Integrations
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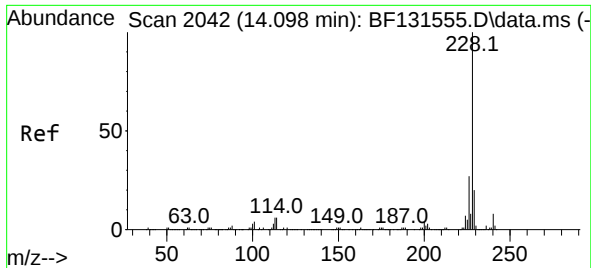
Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022



#80
 Butylbenzylphthalate
 Concen: 43.777 ng
 RT: 13.504 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: BF131613.D
 Acq: 13 Dec 2022 15:21

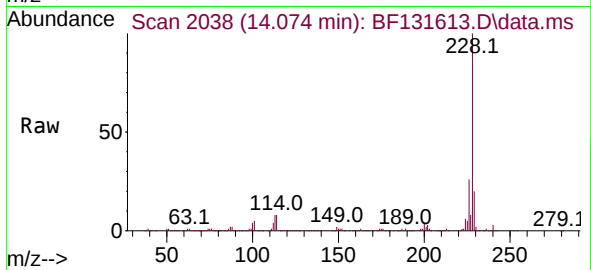
Tgt Ion:149 Resp: 213298
 Ion Ratio Lower Upper
 149 100
 91 74.9 69.0 103.4
 206 22.9 17.8 26.8





#81
Benzo(a)anthracene
Concen: 40.427 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

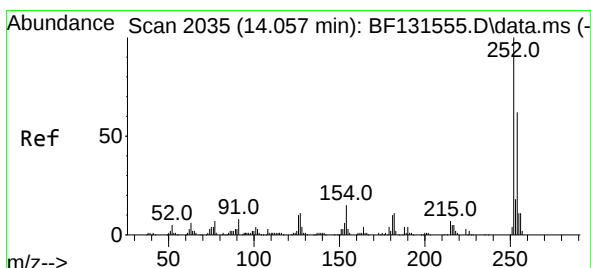
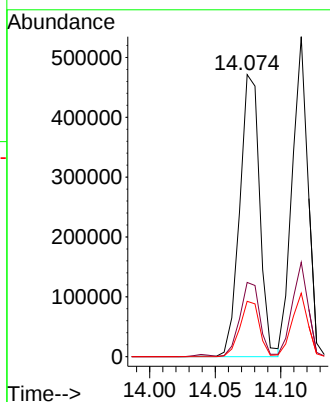
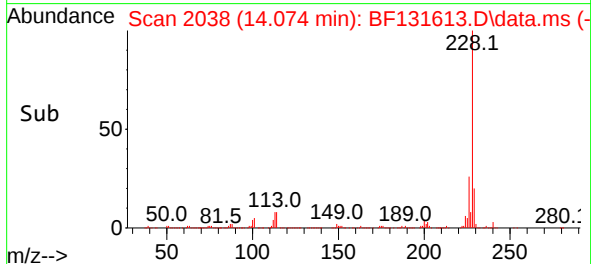
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



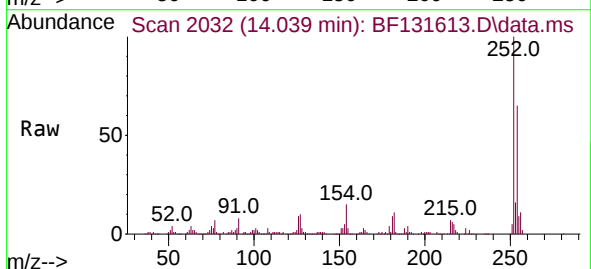
Tgt Ion:228 Resp: 498487
Ion Ratio Lower Upper
228 100
226 26.3 21.5 32.3
229 19.6 15.8 23.6

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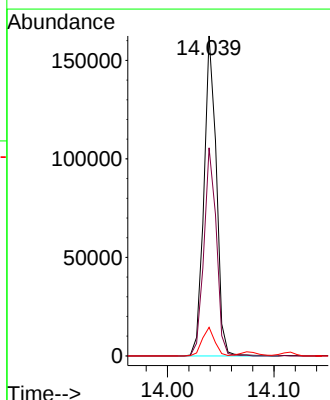
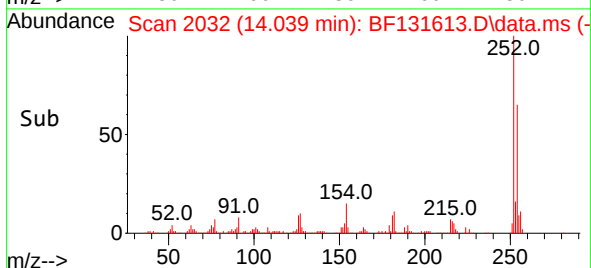
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

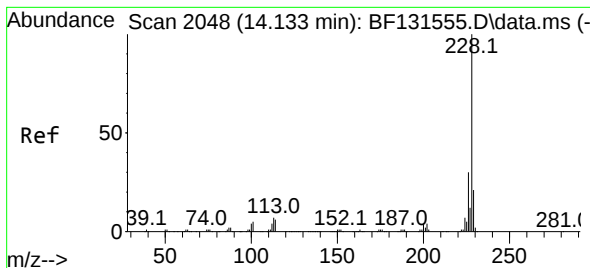


#82
3,3'-Dichlorobenzidine
Concen: 37.166 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21



Tgt Ion:252 Resp: 130385
Ion Ratio Lower Upper
252 100
254 65.0 49.6 74.4
126 8.9 7.9 11.9





#83

Chrysene

Concen: 38.372 ng

RT: 14.116 min Scan# 2048

Delta R.T. 0.000 min

Lab File: BF131613.D

Acq: 13 Dec 2022 15:21

Instrument :

BNA_F

ClientSampleId :

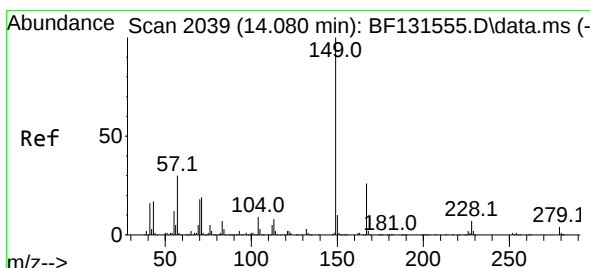
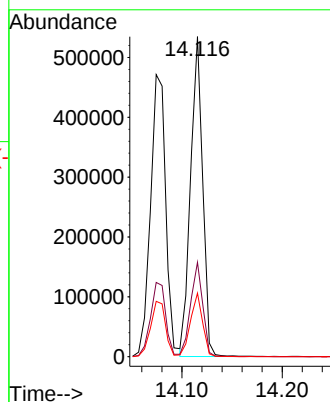
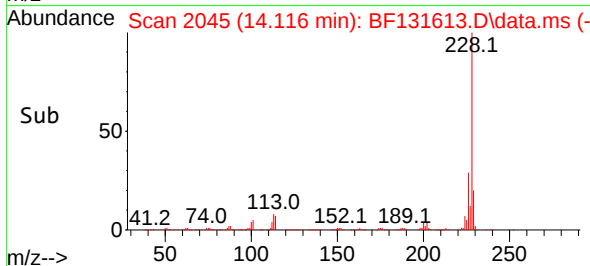
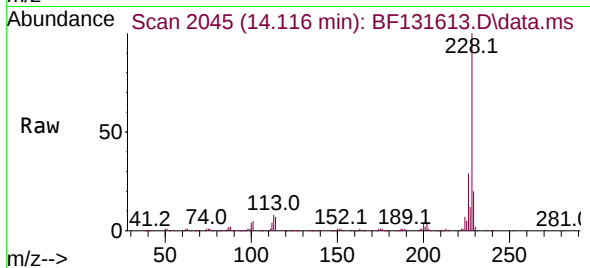
PB149584BSD

Tgt Ion:228 Resp: 449815
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.9 35.9
 229 19.8 16.7 25.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.843 ng

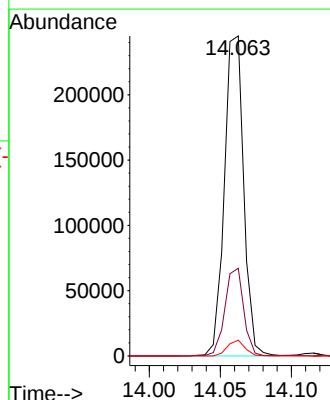
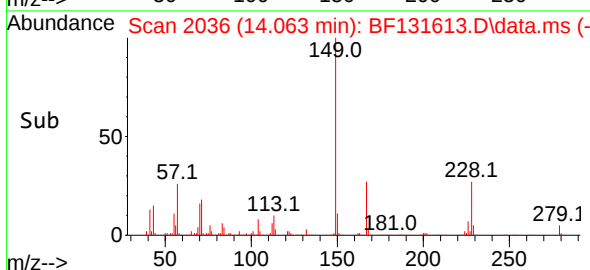
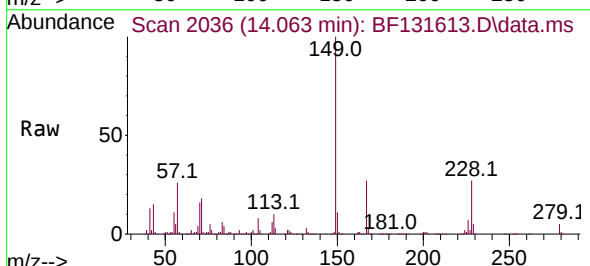
RT: 14.063 min Scan# 2036

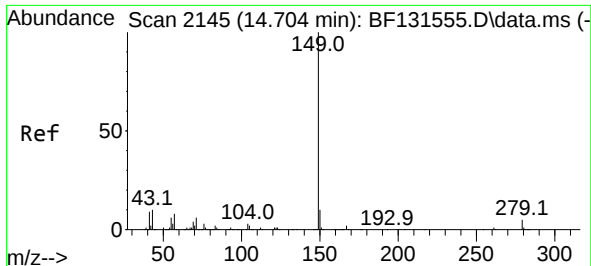
Delta R.T. 0.000 min

Lab File: BF131613.D

Acq: 13 Dec 2022 15:21

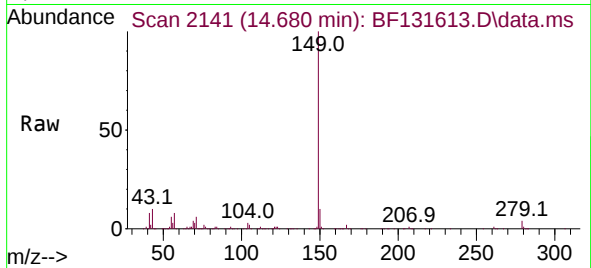
Tgt Ion:149 Resp: 232475
 Ion Ratio Lower Upper
 149 100
 167 27.4 20.8 31.2
 279 4.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 30.543 ng
RT: 14.680 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

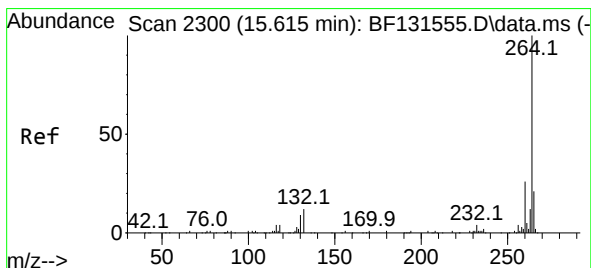
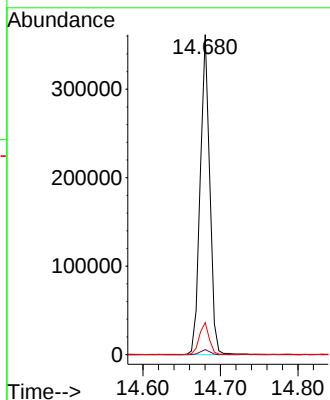
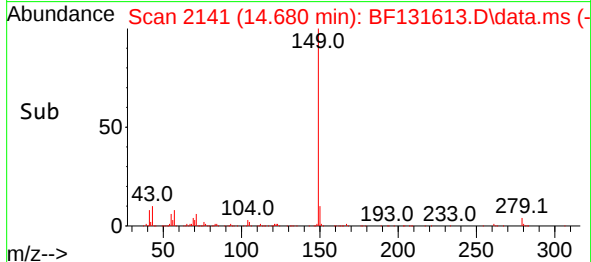
Instrument :
BNA_F
ClientSampleId :
PB149584BSD



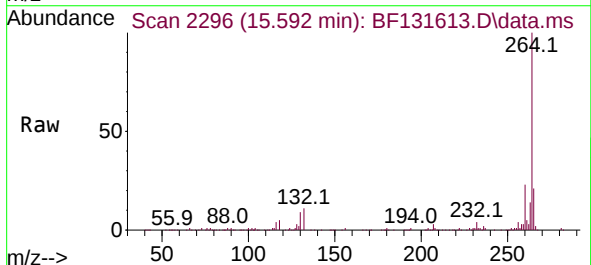
Tgt Ion:149 Resp: 309032
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.2 8.6 13.0

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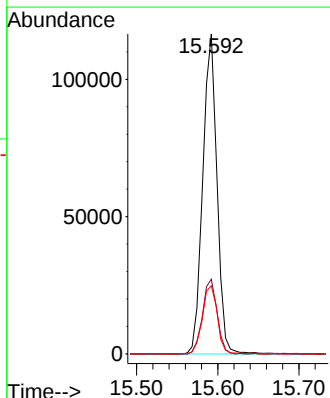
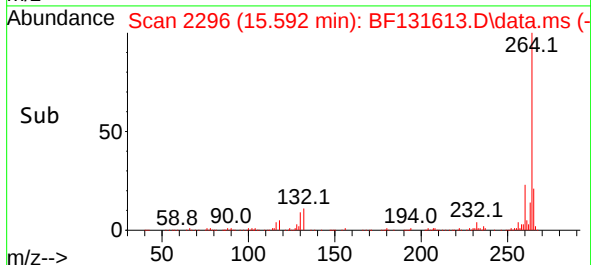
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

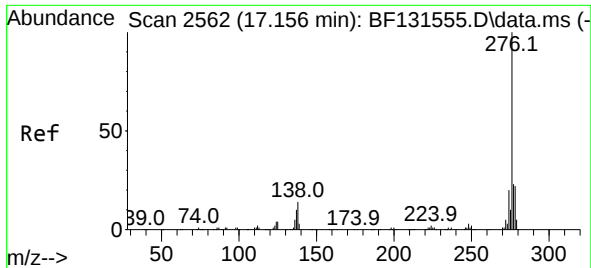


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21



Tgt Ion:264 Resp: 142050
Ion Ratio Lower Upper
264 100
260 23.3 20.6 30.8
265 21.3 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.592 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Instrument :

BNA_F

ClientSampleId :

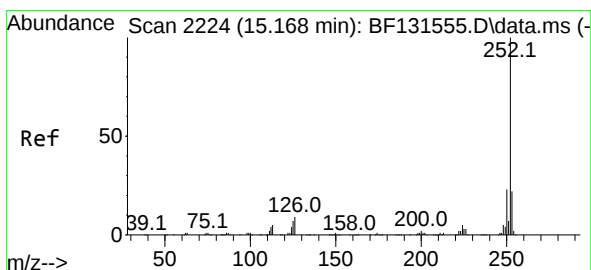
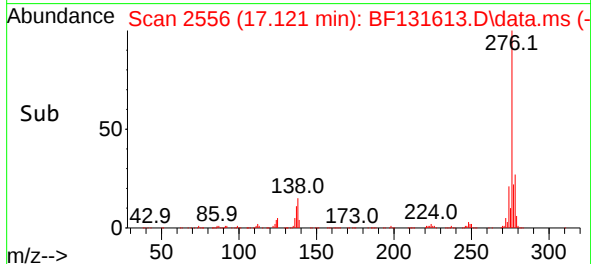
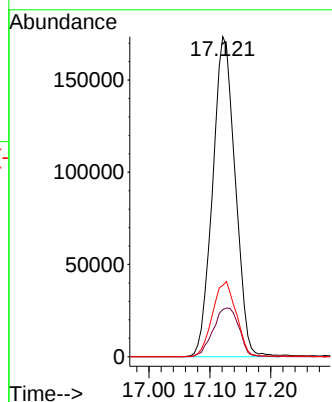
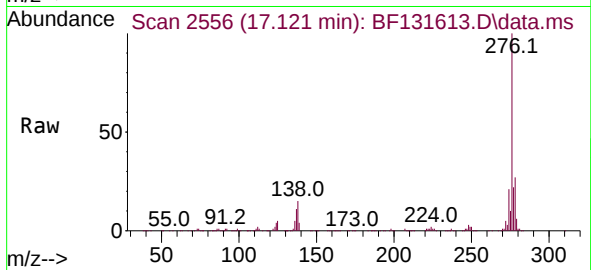
PB149584BSD

Tgt Ion:276 Resp: 447390
Ion Ratio Lower Upper
276 100
138 17.2 12.7 19.1
277 24.7 20.0 30.0

Manual Integrations

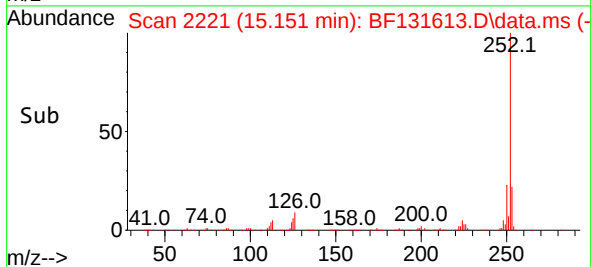
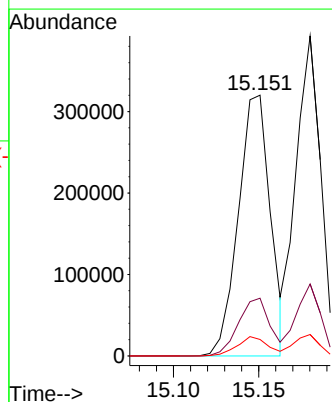
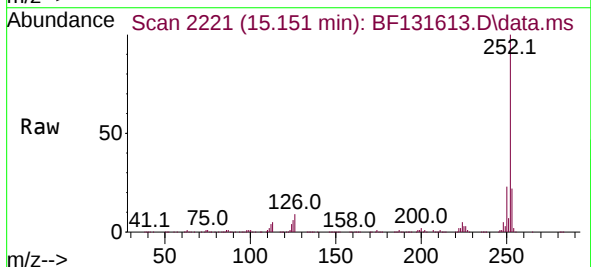
APPROVED

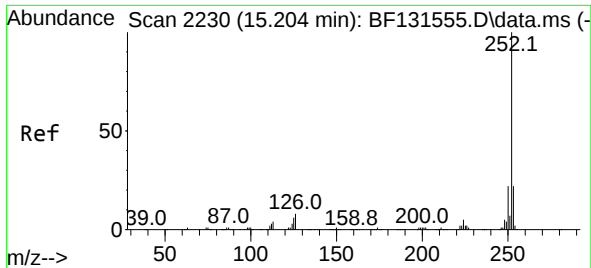
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#88
Benzo(b)fluoranthene
Concen: 44.613 ng
RT: 15.151 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Tgt Ion:252 Resp: 417681
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 6.3 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 41.406 ng

RT: 15.180 min Scan# 221

Delta R.T. 0.000 min

Lab File: BF131613.D

Acq: 13 Dec 2022 15:21

Instrument :

BNA_F

ClientSampleId :

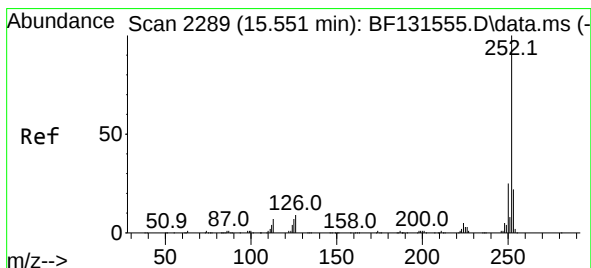
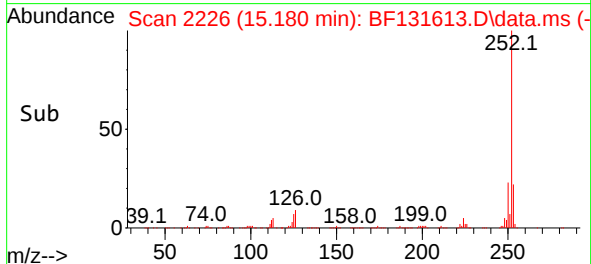
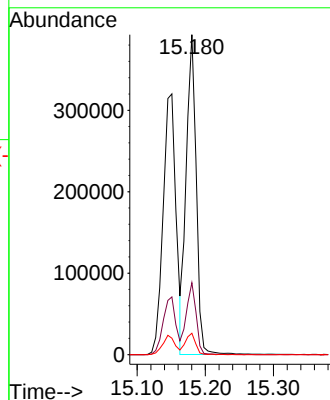
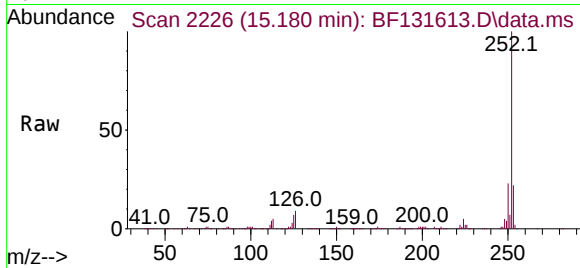
PB149584BSD

Tgt Ion:252 Resp: 404617
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.7 26.5
 125 6.7 4.9 7.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022



#90

Benzo(a)pyrene

Concen: 46.020 ng

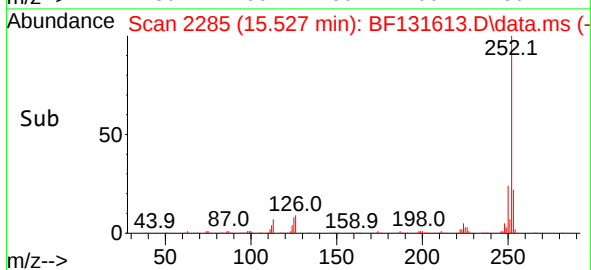
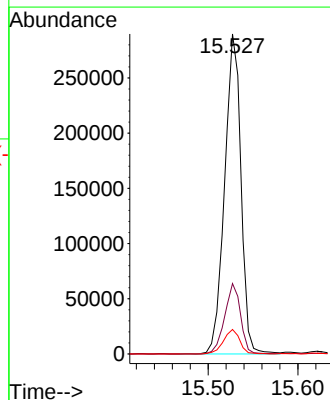
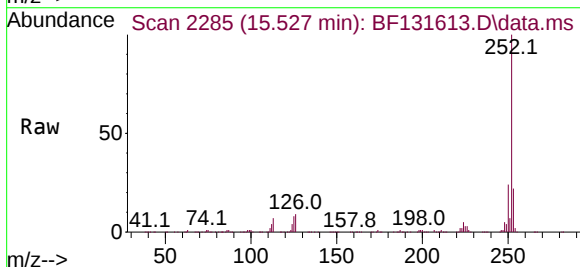
RT: 15.527 min Scan# 2285

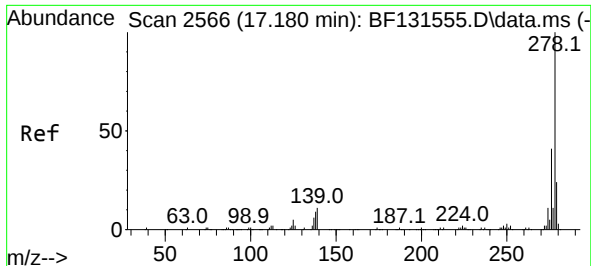
Delta R.T. 0.000 min

Lab File: BF131613.D

Acq: 13 Dec 2022 15:21

Tgt Ion:252 Resp: 367691
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 7.6 5.6 8.4





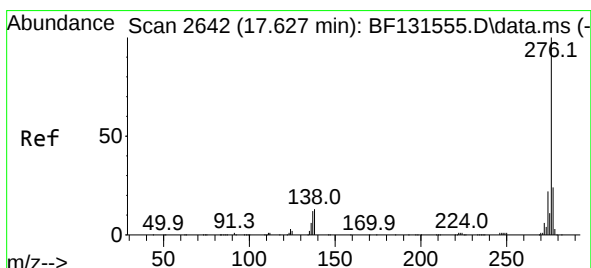
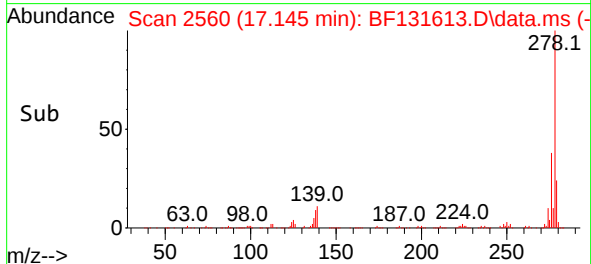
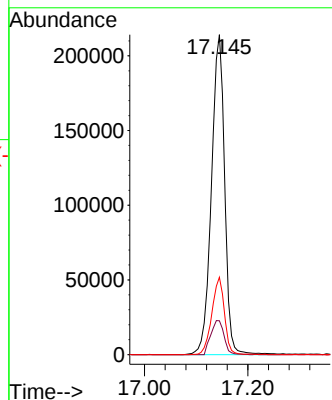
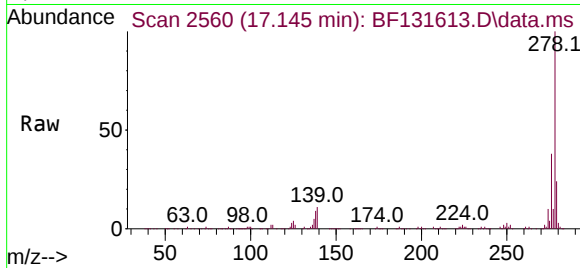
#91
Dibenzo(a,h)anthracene
Concen: 39.833 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Instrument :
BNA_F
ClientSampleId :
PB149584BSD

Tgt Ion:278 Resp: 38051
Ion Ratio Lower Upper
278 100
139 10.6 8.9 13.3
279 24.2 19.0 28.6

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#92
Benzo(g,h,i)perylene
Concen: 39.143 ng
RT: 17.592 min Scan# 2636
Delta R.T. 0.000 min
Lab File: BF131613.D
Acq: 13 Dec 2022 15:21

Tgt Ion:276 Resp: 375340
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 13.9 10.7 16.1

