

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131617.D
 Acq On : 13 Dec 2022 17:44
 Operator : CG\JU
 Sample : N5964-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-01MSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 03:34:02 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	53394	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	194519	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	112114	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	226151	20.000	ng	0.00
76) Chrysene-d12	14.086	240	131029	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	120205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	475583	148.595	ng	0.02
7) Phenol-d6	6.528	99	576936	137.560	ng	0.00
23) Nitrobenzene-d5	7.451	82	466704	90.709	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	209341	168.062	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	798760	89.831	ng	0.00
79) Terphenyl-d14	13.027	244	1024878	107.268	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	68554	47.454	ng	# 80
3) Pyridine	3.528	79	171342	42.720	ng	96
4) n-Nitrosodimethylamine	3.469	42	100219	45.307	ng	87
6) Aniline	6.545	93	164303	32.756	ng	# 78
8) 2-Chlorophenol	6.675	128	175728	51.811	ng	92
9) Benzaldehyde	6.434	77	69140	24.064	ng	95
10) Phenol	6.540	94	222038m	47.462	ng	
11) bis(2-Chloroethyl)ether	6.622	93	190518	54.328	ng	98
12) 1,3-Dichlorobenzene	6.822	146	185856	47.263	ng	100
13) 1,4-Dichlorobenzene	6.904	146	188826	47.606	ng	98
14) 1,2-Dichlorobenzene	7.051	146	183141	48.335	ng	98
15) Benzyl Alcohol	7.028	79	197061	51.251	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	225492	49.779	ng	90
17) 2-Methylphenol	7.145	107	160517	52.512	ng	97
18) Hexachloroethane	7.398	117	74565	46.602	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	153839	48.917	ng	98
20) 3+4-Methylphenols	7.298	107	201283	48.345	ng	# 71
22) Acetophenone	7.298	105	297808	48.855	ng	96
24) Nitrobenzene	7.475	77	244578	47.131	ng	91
25) Isophorone	7.710	82	424077	51.171	ng	99
26) 2-Nitrophenol	7.787	139	96749	54.672	ng	94
27) 2,4-Dimethylphenol	7.828	122	157678	58.132	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	233615	54.492	ng	98
29) 2,4-Dichlorophenol	8.034	162	164107	48.932	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	183486	44.612	ng	99
31) Naphthalene	8.198	128	509422	46.497	ng	99
32) Benzoic acid	7.945	122	95776	48.757	ng	91
33) 4-Chloroaniline	8.245	127	99440	24.214	ng	99
34) Hexachlorobutadiene	8.304	225	123312	42.541	ng	98
35) Caprolactam	8.622	113	41987m	48.397	ng	
36) 4-Chloro-3-methylphenol	8.734	107	193594	51.406	ng	100
37) 2-Methylnaphthalene	8.886	142	352542	47.052	ng	100
38) 1-Methylnaphthalene	8.986	142	330998	46.019	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	201664	48.591	ng	99
41) Hexachlorocyclopentadiene	9.039	237	204224	96.948	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	127751	49.766	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	141124	51.119	ng	96
46) 1,1'-Biphenyl	9.357	154	448071	50.548	ng	99
47) 2-Chloronaphthalene	9.381	162	360463	49.911	ng	98
48) 2-Nitroaniline	9.481	65	134824	52.699	ng	95
49) Acenaphthylene	9.804	152	542567	51.165	ng	99
50) Dimethylphthalate	9.663	163	434193	50.803	ng	99
51) 2,6-Dinitrotoluene	9.728	165	97193	55.085	ng	# 75
52) Acenaphthene	9.975	154	388113m	54.634	ng	
53) 3-Nitroaniline	9.898	138	63520	37.522	ng	98
54) 2,4-Dinitrophenol	10.004	184	93214	91.658	ng	97
55) Dibenzofuran	10.145	168	514426	51.251	ng	98
56) 4-Nitrophenol	10.069	139	135398	115.131	ng	85
57) 2,4-Dinitrotoluene	10.133	165	134640	57.525	ng	96
58) Fluorene	10.492	166	406886	49.863	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	121553m	51.995	ng	
60) Diethylphthalate	10.363	149	411121	50.127	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	217728	48.283	ng	98
62) 4-Nitroaniline	10.522	138	94374	56.256	ng	92
63) Azobenzene	10.645	77	454772	48.616	ng	97
65) 4,6-Dinitro-2-methylph...	10.539	198	67352	47.021	ng	97
66) n-Nitrosodiphenylamine	10.604	169	347070	47.470	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	131019	45.035	ng	97
68) Hexachlorobenzene	11.039	284	148276	47.119	ng	99
69) Atrazine	11.133	200	134771	58.047	ng	97
70) Pentachlorophenol	11.239	266	157162	97.012	ng	98
71) Phenanthrene	11.463	178	616009	48.869	ng	100
72) Anthracene	11.510	178	624604	50.930	ng	100
73) Carbazole	11.669	167	556143	55.557	ng	100
74) Di-n-butylphthalate	11.992	149	624191	50.826	ng	100
75) Fluoranthene	12.657	202	697449	53.732	ng	100
77) Benzidine	12.774	184	127180	36.226	ng	99
78) Pyrene	12.886	202	711571	55.074	ng	99
80) Butylbenzylphthalate	13.504	149	234065	62.601	ng	98
81) Benzo(a)anthracene	14.080	228	498730	52.707	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	108950	40.469	ng	96
83) Chrysene	14.116	228	455685	50.655	ng	98
84) Bis(2-ethylhexyl)phtha...	14.063	149	279394	54.417	ng	97
85) Di-n-octyl phthalate	14.680	149	367296	44.440	ng	98
87) Indeno(1,2,3-cd)pyrene	17.121	276	486891	49.632	ng	99
88) Benzo(b)fluoranthene	15.145	252	406460	51.304	ng	100
89) Benzo(k)fluoranthene	15.180	252	392219	47.431	ng	99
90) Benzo(a)pyrene	15.527	252	359022	53.101	ng	99
91) Dibenzo(a,h)anthracene	17.145	278	414471	51.335	ng	99
92) Benzo(g,h,i)perylene	17.592	276	420442	51.814	ng	98

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

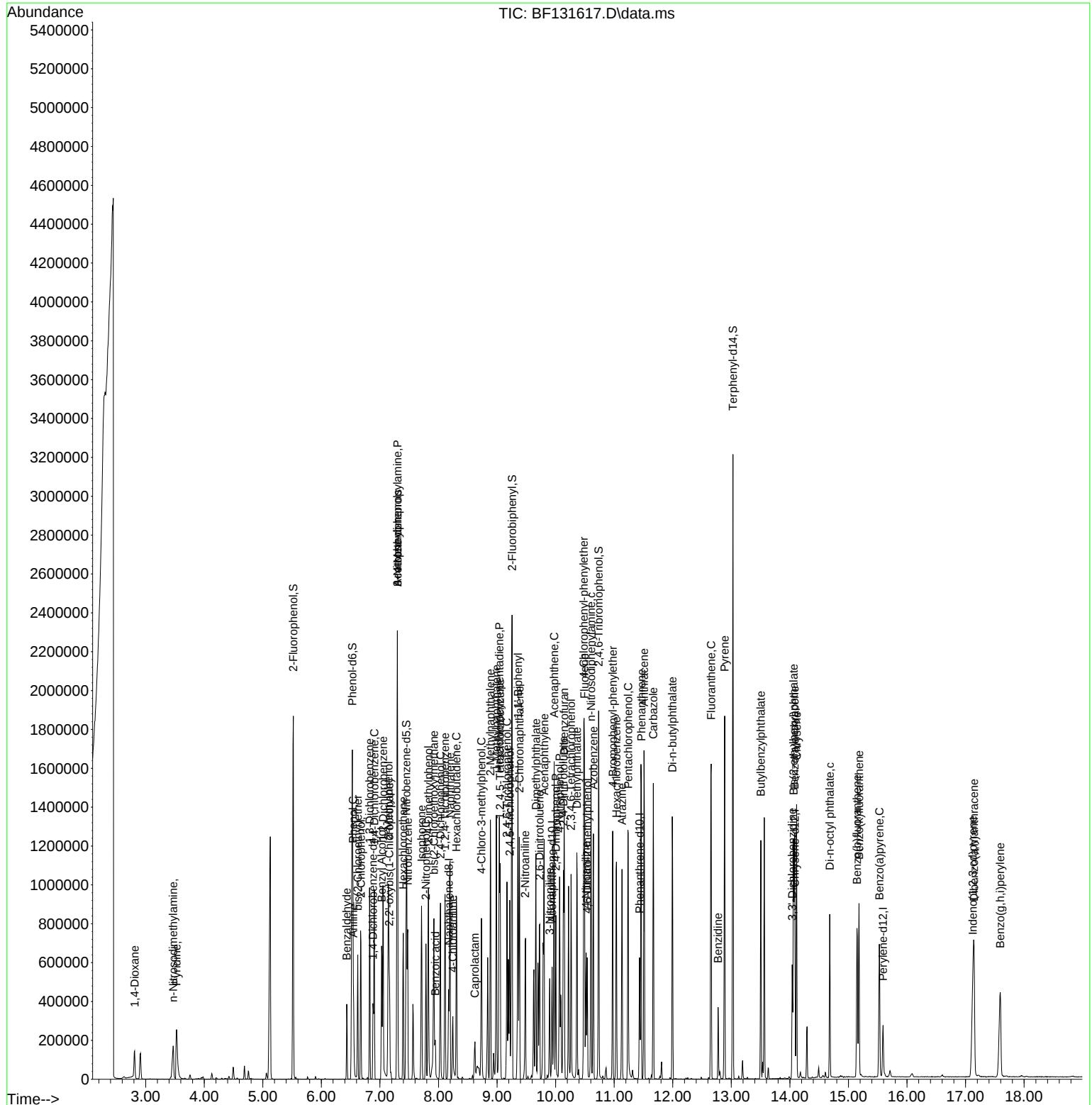
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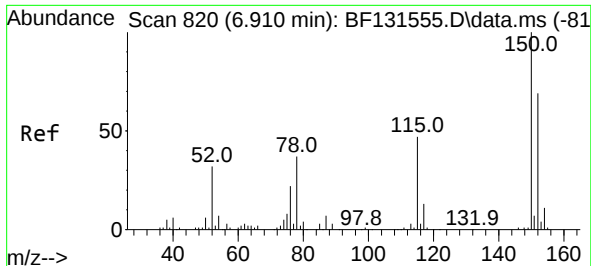
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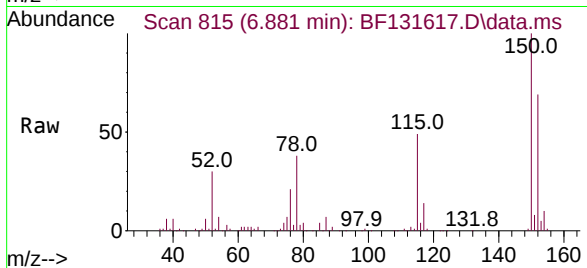
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BF131617.D
 Acq: 13 Dec 2022 17:44

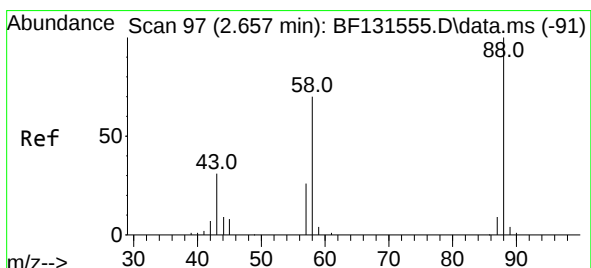
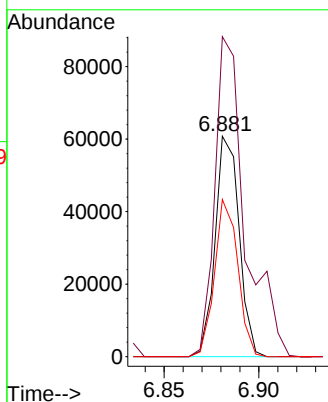
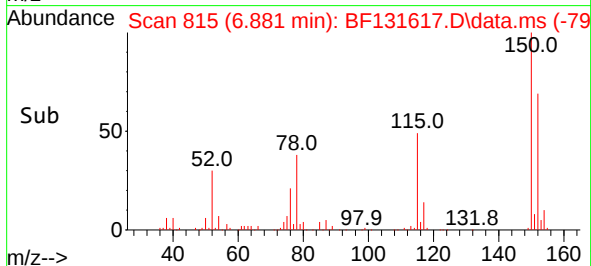
Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-01MSD



Tgt Ion:152 Resp: 53394
 Ion Ratio Lower Upper
 152 100
 150 145.2 116.7 175.1
 115 71.3 54.6 82.0

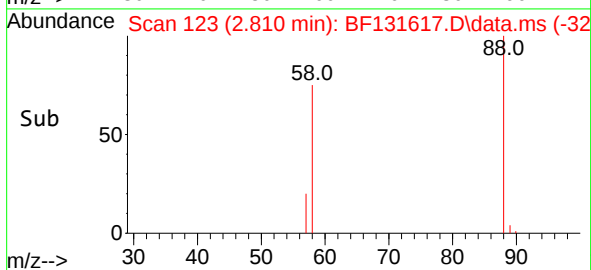
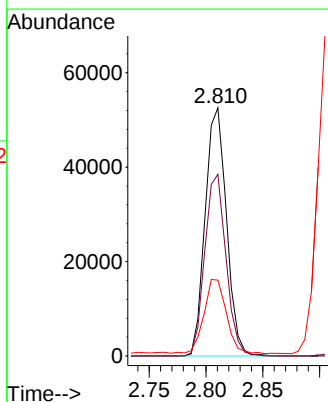
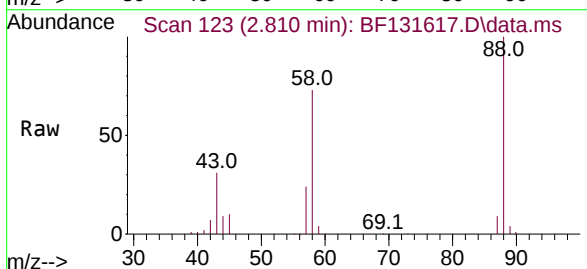
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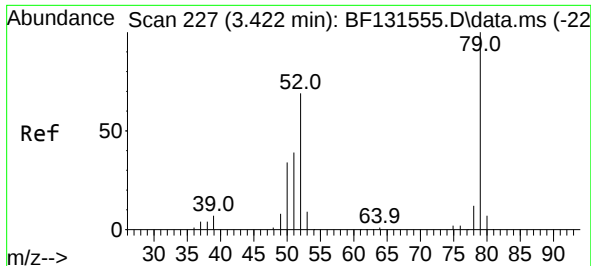
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#2
 1,4-Dioxane
 Concen: 47.454 ng
 RT: 2.810 min Scan# 123
 Delta R.T. 0.183 min
 Lab File: BF131617.D
 Acq: 13 Dec 2022 17:44

Tgt Ion: 88 Resp: 68554
 Ion Ratio Lower Upper
 88 100
 58 73.0 60.0 90.0
 43 0.0 26.7 40.1#





#3

Pyridine

Concen: 42.720 ng

RT: 3.528 min Scan# 24

Delta R.T. 0.135 min

Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

Instrument :

BNA_F

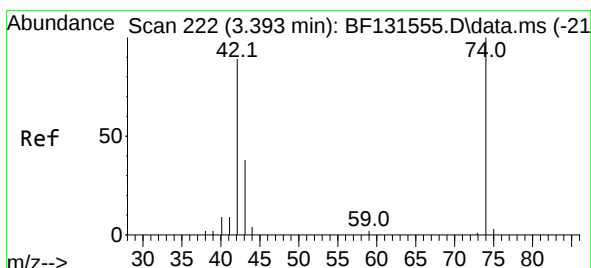
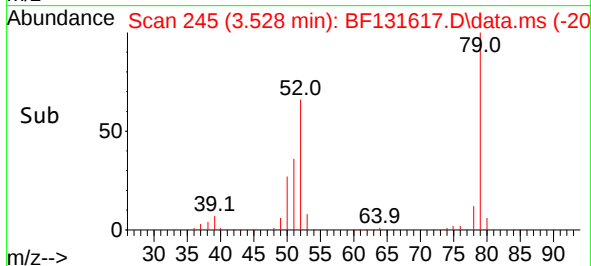
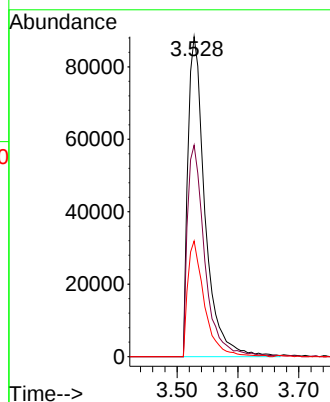
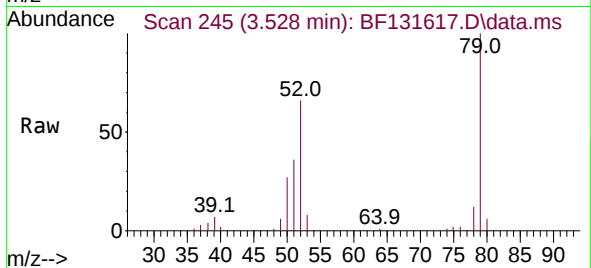
ClientSampleId :

SU-518-COMP-01MSD

Tgt Ion: 79 Resp: 171342
 Ion Ratio Lower Upper
 79 100
 52 66.1 55.0 82.6
 51 36.1 31.4 47.2

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#4

n-Nitrosodimethylamine

Concen: 45.307 ng

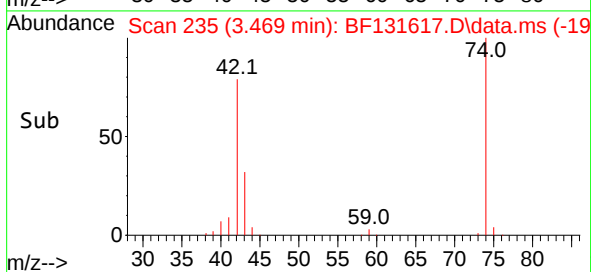
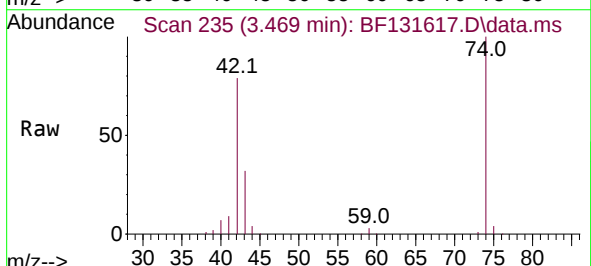
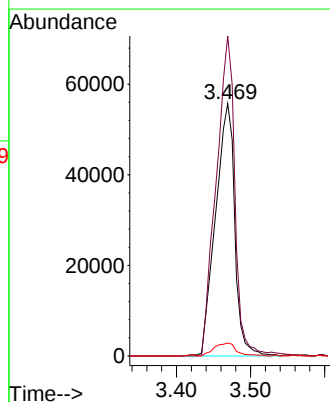
RT: 3.469 min Scan# 235

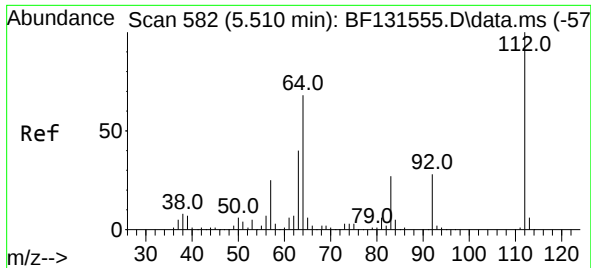
Delta R.T. 0.112 min

Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

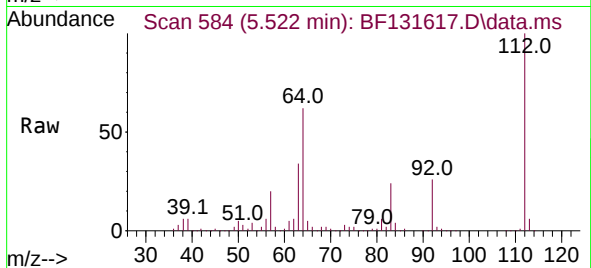
Tgt Ion: 42 Resp: 100219
 Ion Ratio Lower Upper
 42 100
 74 126.8 90.2 135.2
 44 5.1 3.7 5.5





#5
2-Fluorophenol
Concen: 148.595 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.024 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

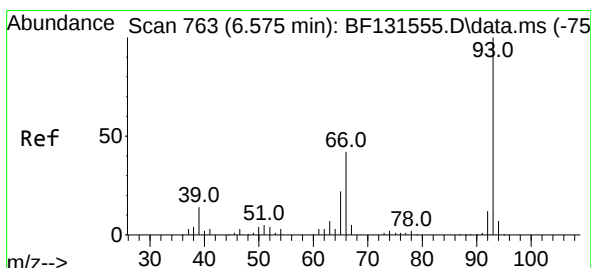
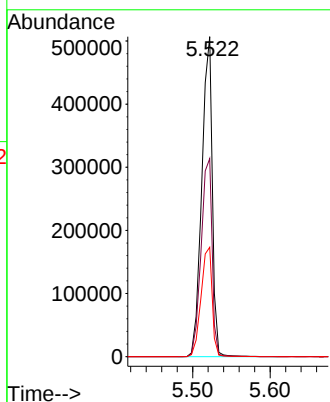
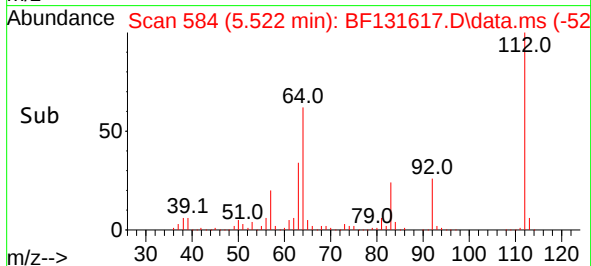
Instrument :
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Tgt Ion:112 Resp: 475583
Ion Ratio Lower Upper
112 100
64 61.9 54.5 81.7
63 34.2 31.9 47.9

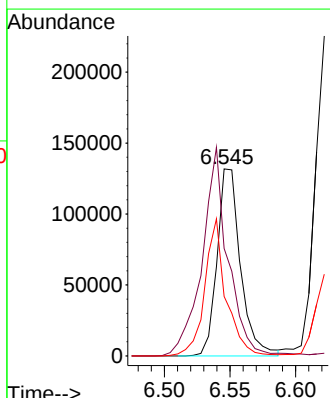
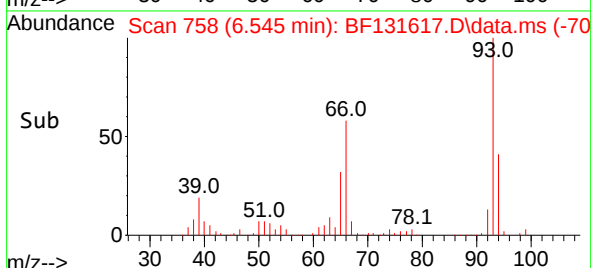
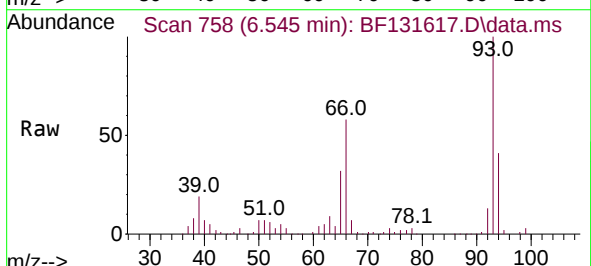
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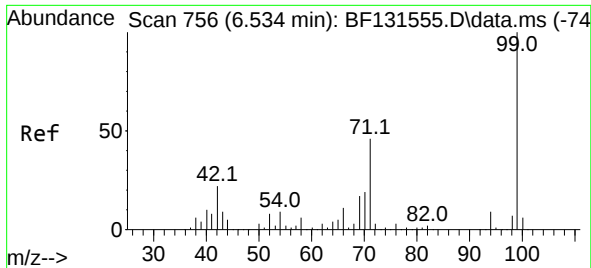
Reviewed By :Jagrut Upadhyay 12/14/2022
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#6
Aniline
Concen: 32.756 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

Tgt Ion: 93 Resp: 164303
Ion Ratio Lower Upper
93 100
66 57.5 34.6 51.8#
65 31.8 17.7 26.5#





#7

Phenol-d6

Concen: 137.560 ng

RT: 6.528 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

Instrument :

BNA_F

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SU-518-COMP-01MSD

Tgt Ion: 99 Resp: 576936

Ion Ratio Lower Upper

99 100

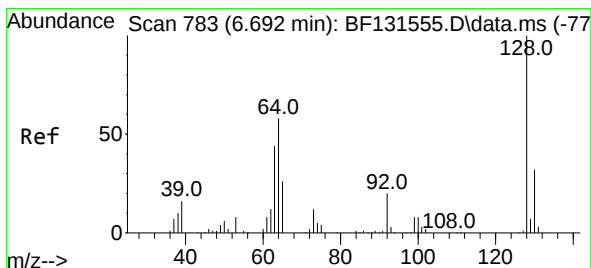
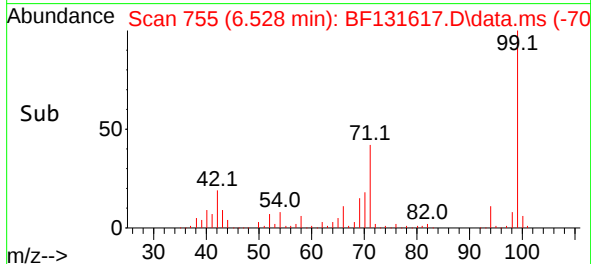
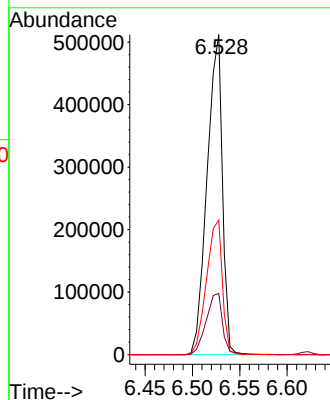
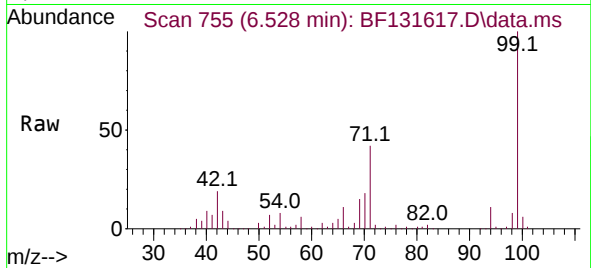
42 19.1 17.9 26.9

71 42.0 37.2 55.8

Manual Integrations

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#8

2-Chlorophenol

Concen: 51.811 ng

RT: 6.675 min Scan# 780

Delta R.T. 0.006 min

Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

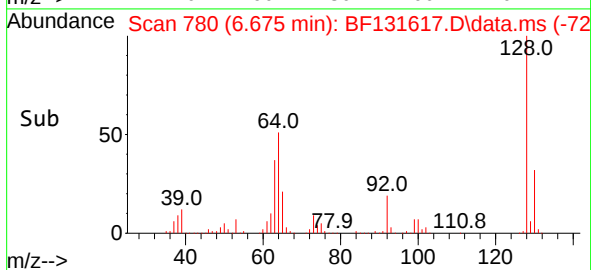
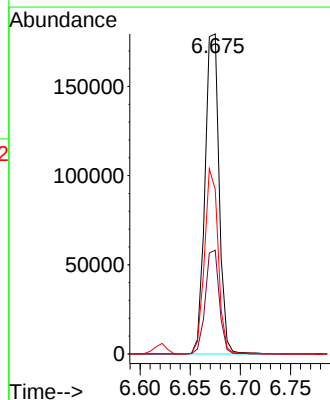
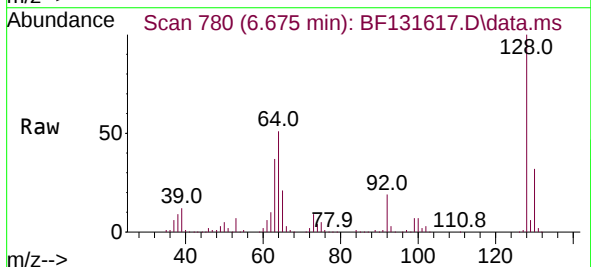
Tgt Ion:128 Resp: 175728

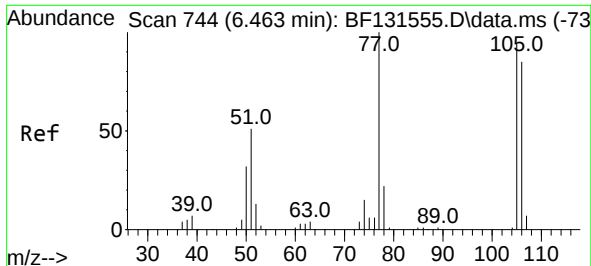
Ion Ratio Lower Upper

128 100

130 32.4 11.6 51.6

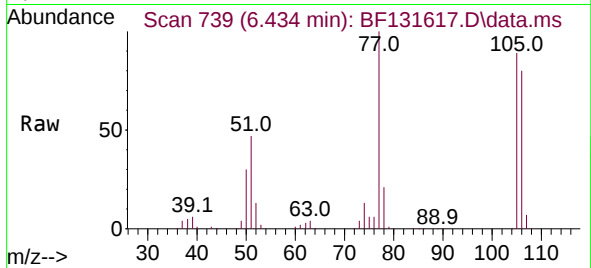
64 51.4 40.6 80.6





#9
Benzaldehyde
Concen: 24.064 ng
RT: 6.434 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF131617.D
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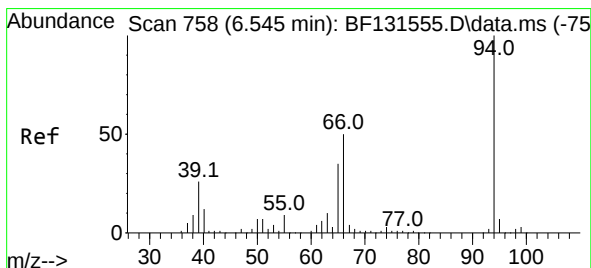
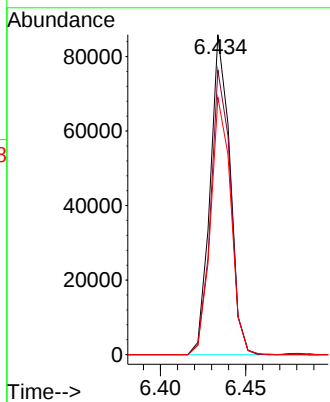
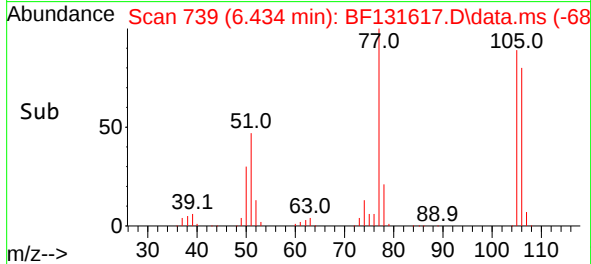
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Tgt Ion: 77 Resp: 69140
Ion Ratio Lower Upper
77 100
105 88.9 73.8 113.8
106 80.4 65.2 105.2

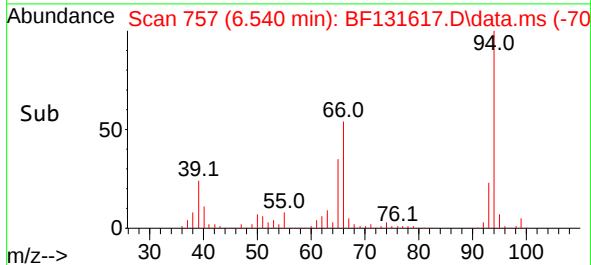
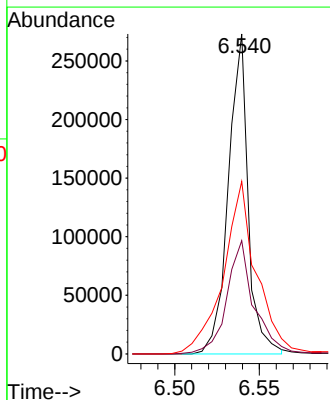
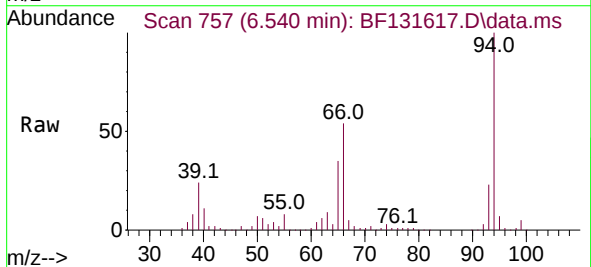
Manual Integrations
APPROVED

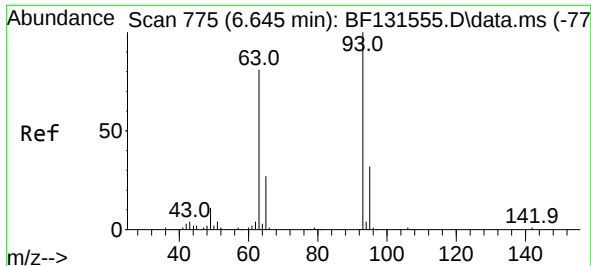
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#10
Phenol
Concen: 47.462 ng m
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

Tgt Ion: 94 Resp: 222038
Ion Ratio Lower Upper
94 100
65 35.4 14.8 54.8
66 53.9 30.8 70.8





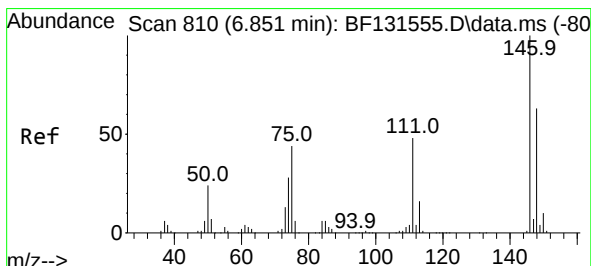
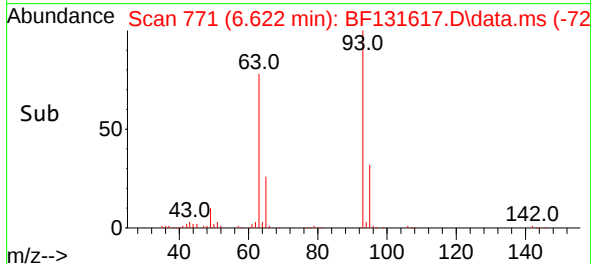
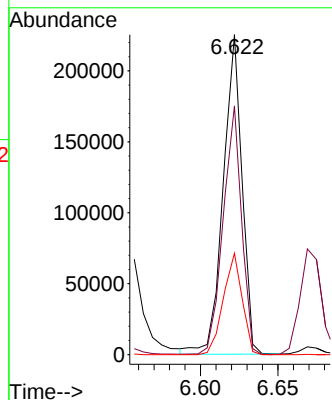
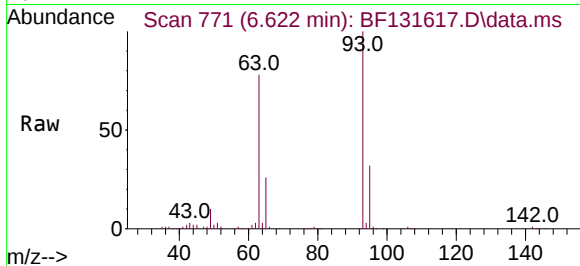
#11
bis(2-Chloroethyl)ether
Concen: 54.328 ng
RT: 6.622 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD

Tgt Ion: 93 Resp: 190518
Ion Ratio Lower Upper
93 100
63 77.7 60.4 100.4
95 31.7 12.3 52.3

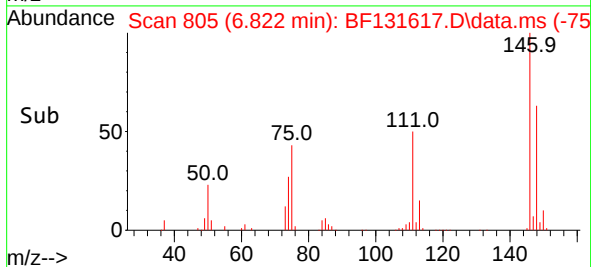
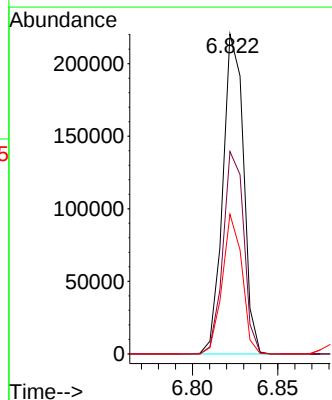
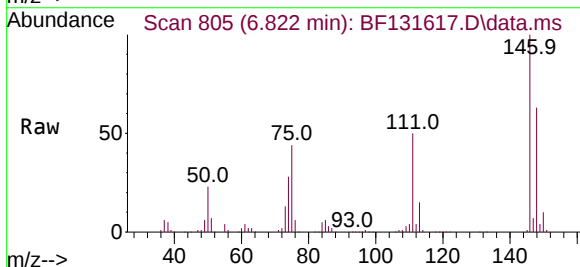
Manual Integrations
APPROVED

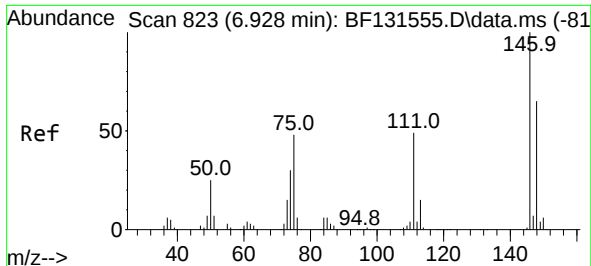
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#12
1,3-Dichlorobenzene
Concen: 47.263 ng
RT: 6.822 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

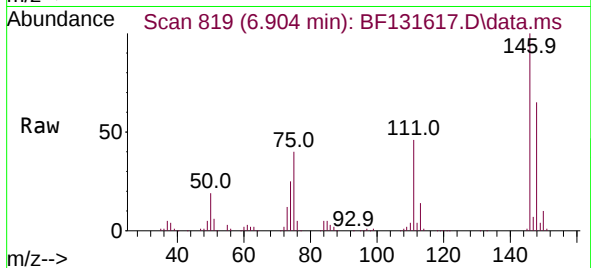
Tgt Ion:146 Resp: 185856
Ion Ratio Lower Upper
146 100
148 63.2 50.7 76.1
75 43.6 35.1 52.7





#13
1,4-Dichlorobenzene
Concen: 47.606 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

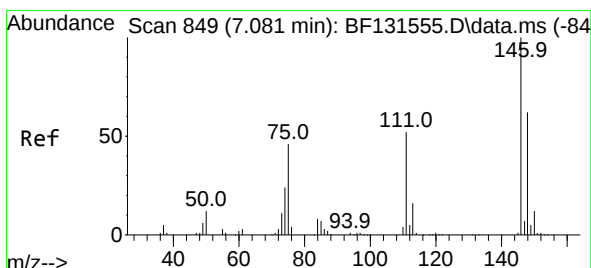
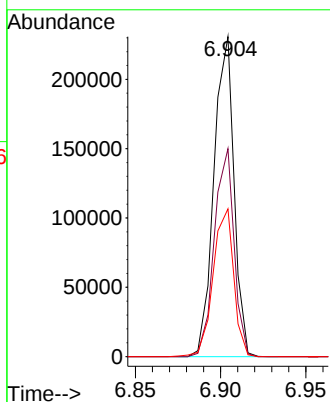
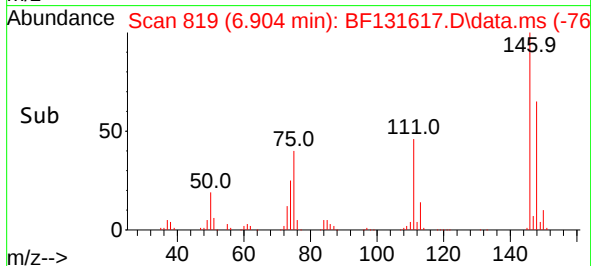
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



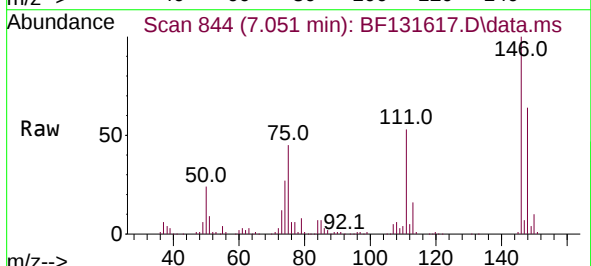
Tgt Ion:146 Resp: 188826
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.6
111 46.2 38.9 58.3

Manual Integrations
APPROVED

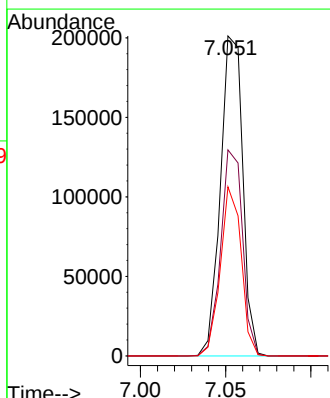
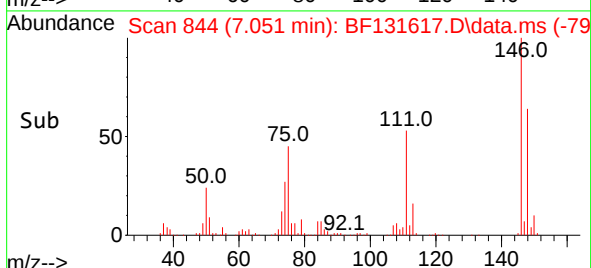
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

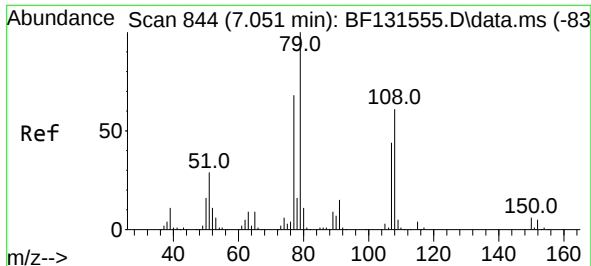


#14
1,2-Dichlorobenzene
Concen: 48.335 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44



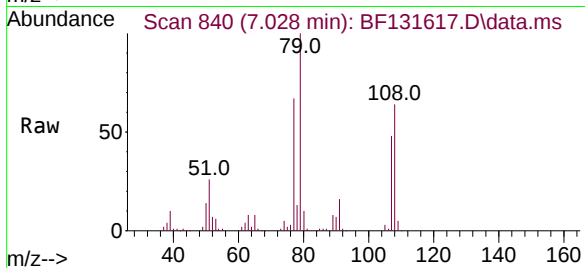
Tgt Ion:146 Resp: 183141
Ion Ratio Lower Upper
146 100
148 64.4 49.9 74.9
111 52.8 41.8 62.6





#15
Benzyl Alcohol
Concen: 51.251 ng
RT: 7.028 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

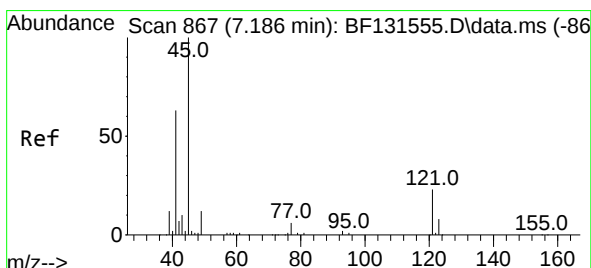
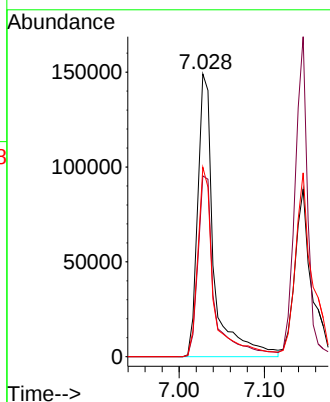
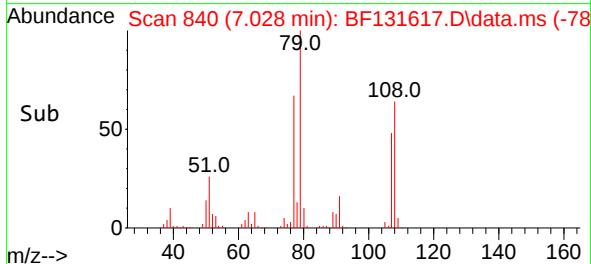
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



Tgt Ion: 79 Resp: 197063
Ion Ratio Lower Upper
79 100
108 63.9 49.2 73.8
77 67.0 54.5 81.7

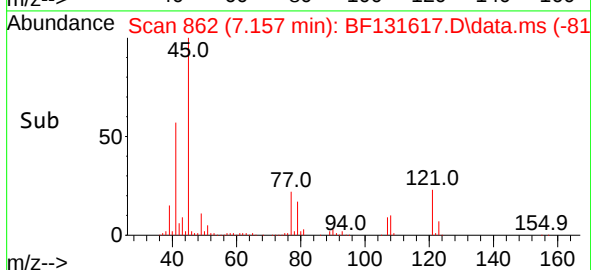
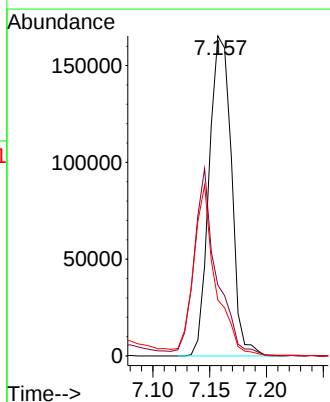
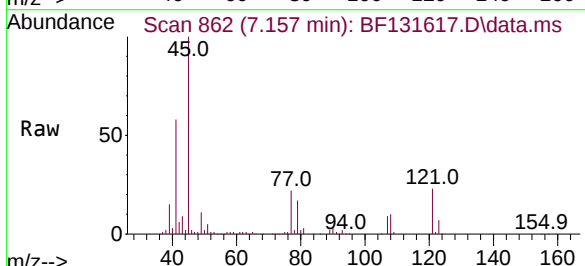
Manual Integrations
APPROVED

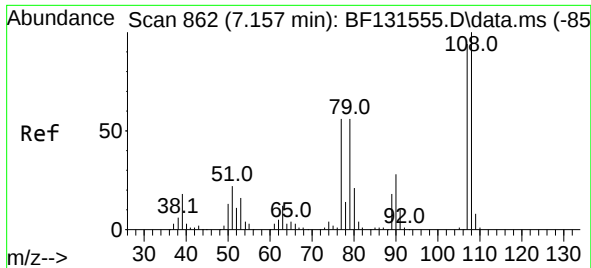
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.779 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

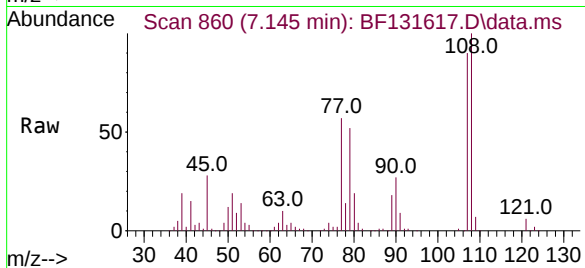
Tgt Ion: 45 Resp: 225492
Ion Ratio Lower Upper
45 100
77 22.1 0.0 37.7
79 17.4 0.0 33.6





#17
2-Methylphenol
Concen: 52.512 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

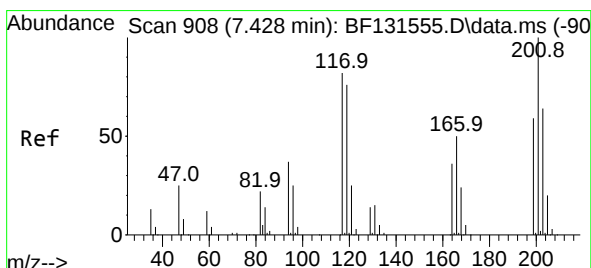
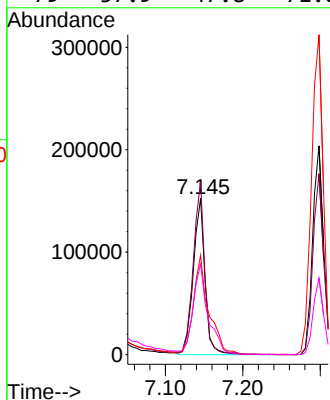
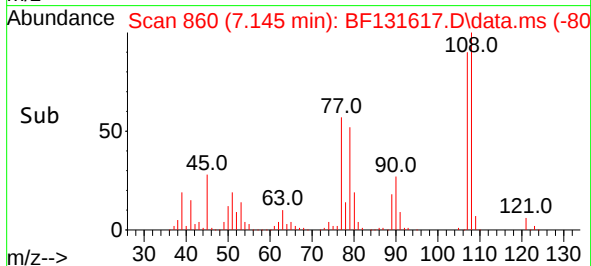
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



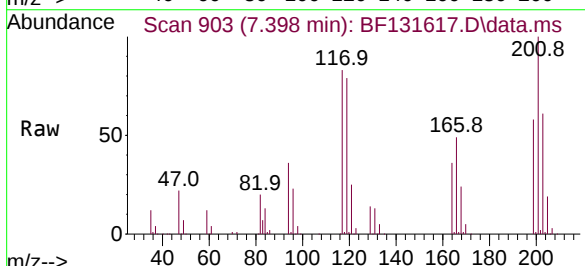
Tgt Ion:107 Resp: 16051
Ion Ratio Lower Upper
107 100
108 110.6 85.5 128.3
77 63.5 48.2 72.4
79 57.9 47.8 71.8

Manual Integrations
APPROVED

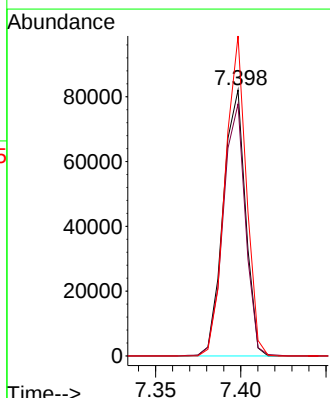
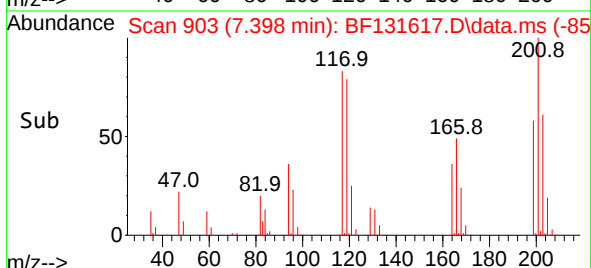
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

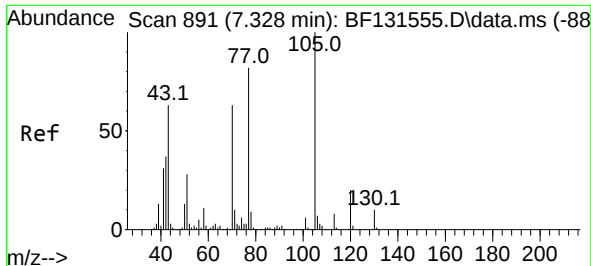


#18
Hexachloroethane
Concen: 46.602 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44



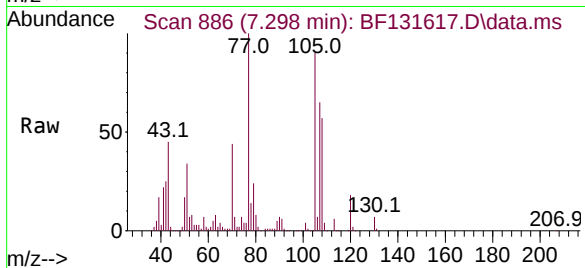
Tgt Ion:117 Resp: 74565
Ion Ratio Lower Upper
117 100
119 94.8 75.0 112.4
201 120.4 98.0 147.0





#19
n-Nitroso-di-n-propylamine
Concen: 48.917 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

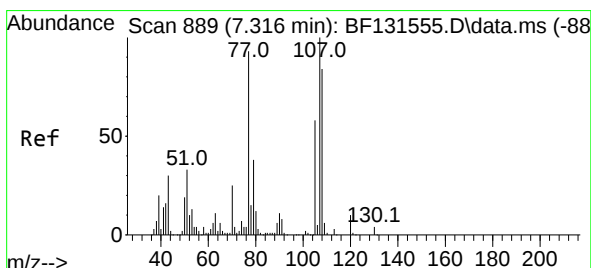
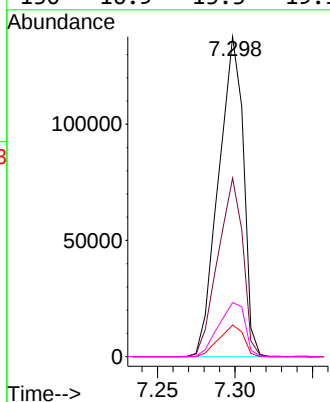
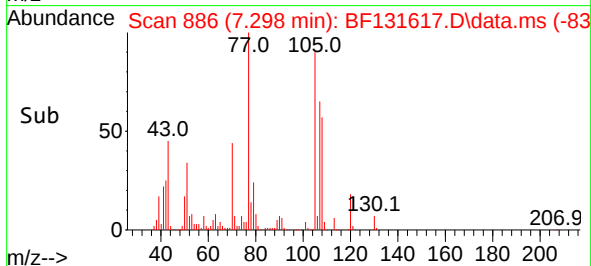
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



Tgt Ion: 70 Resp: 153839
Ion Ratio Lower Upper
70 100
42 55.8 46.4 69.6
101 9.9 7.2 10.8
130 16.9 13.3 19.9

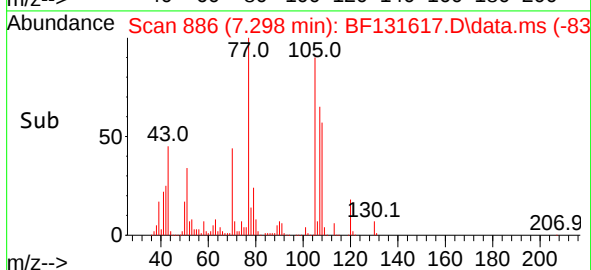
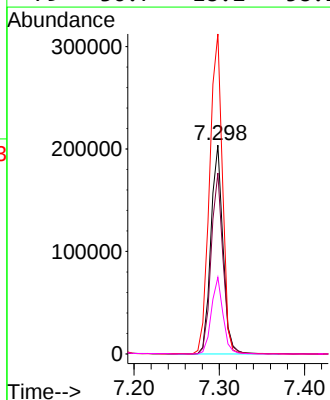
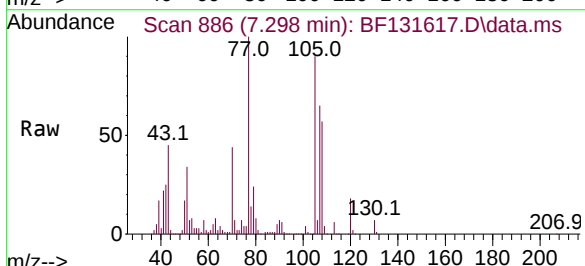
Manual Integrations
APPROVED

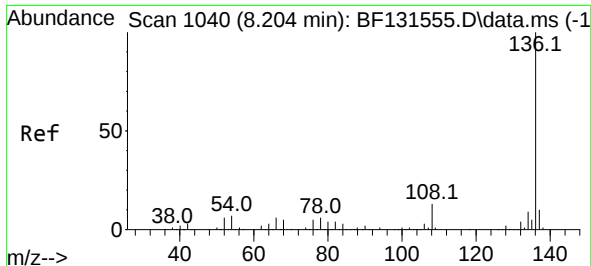
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#20
3+4-Methylphenols
Concen: 48.345 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

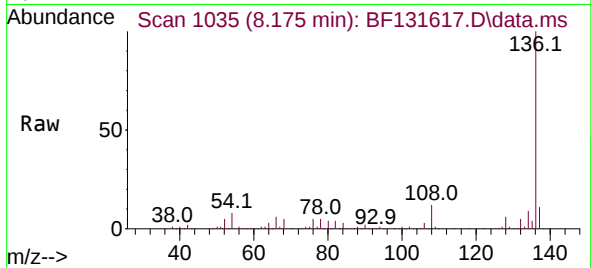
Tgt Ion:107 Resp: 201283
Ion Ratio Lower Upper
107 100
108 86.6 64.0 104.0
77 153.3 73.1 113.1#
79 36.7 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

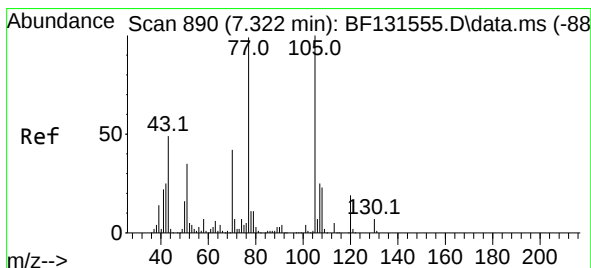
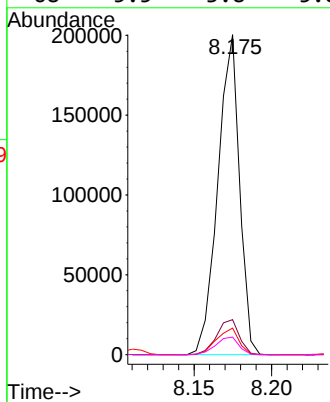
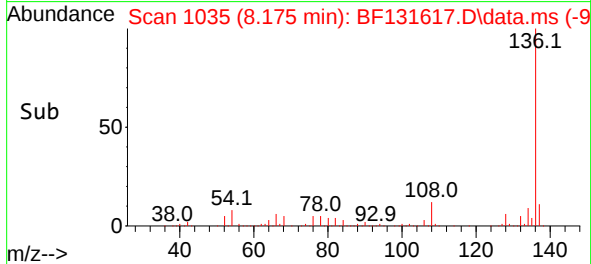
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



Tgt Ion:136 Resp: 194519
Ion Ratio Lower Upper
136 100
137 10.9 8.1 12.1
54 8.3 6.0 9.0
68 5.5 3.8 5.8

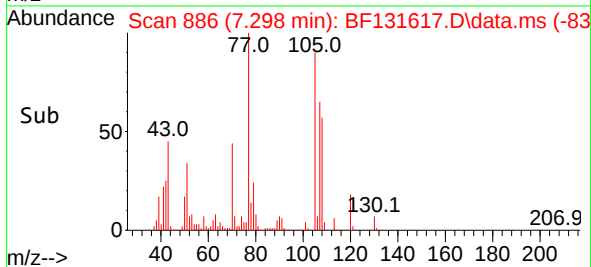
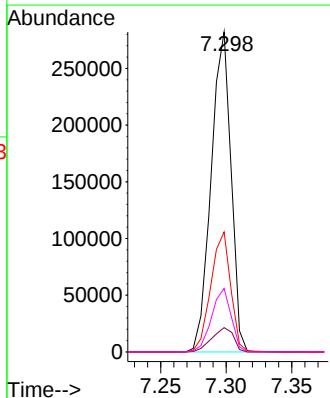
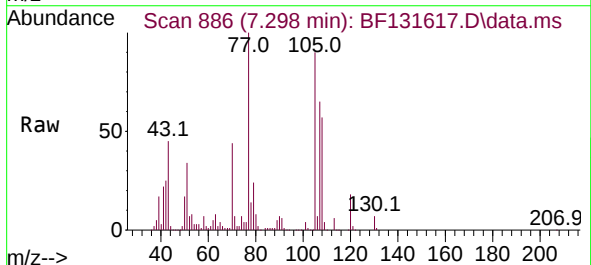
Manual Integrations
APPROVED

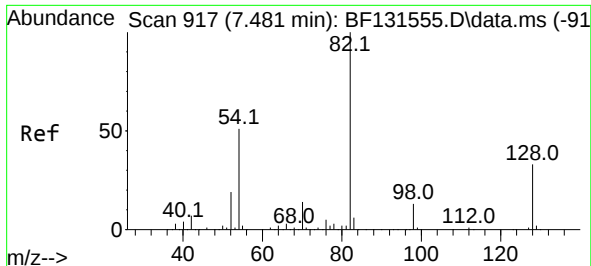
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#22
Acetophenone
Concen: 48.855 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

Tgt Ion:105 Resp: 297808
Ion Ratio Lower Upper
105 100
71 7.6 5.4 8.0
51 37.5 27.8 41.6
120 19.8 15.3 22.9





#23

Nitrobenzene-d5

Concen: 90.709 ng

RT: 7.451 min Scan# 916

Delta R.T. -0.006 min

Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

Instrument :

BNA_F

ClientSampleId :

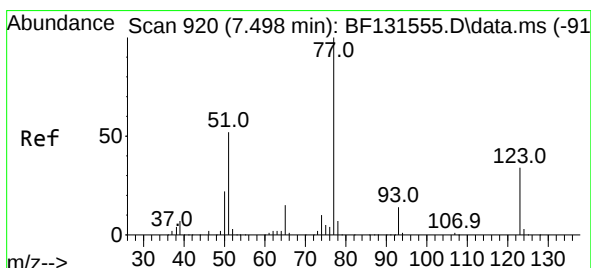
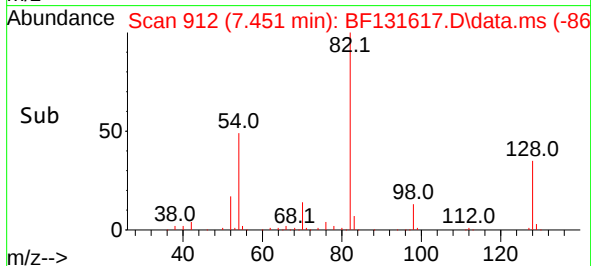
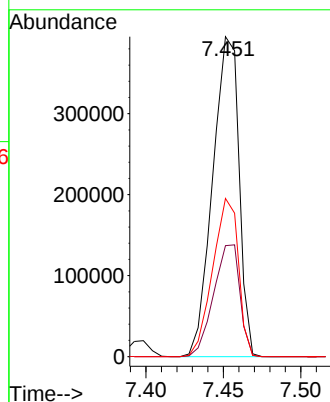
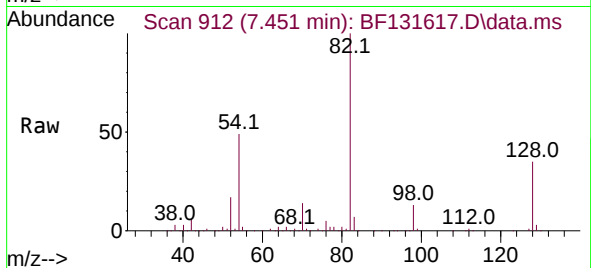
SU-518-COMP-01MSD

Tgt Ion: 82 Resp: 466704
 Ion Ratio Lower Upper
 82 100
 128 34.7 26.1 39.1
 54 49.4 40.6 60.8

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 47.131 ng

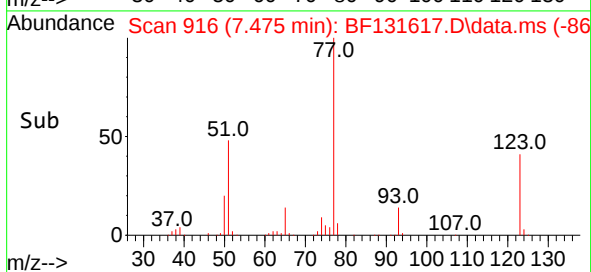
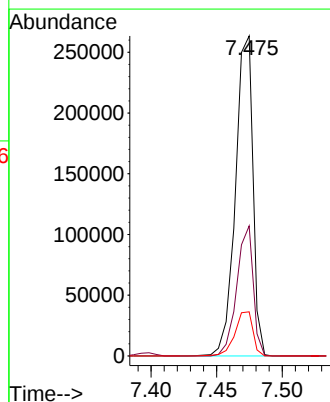
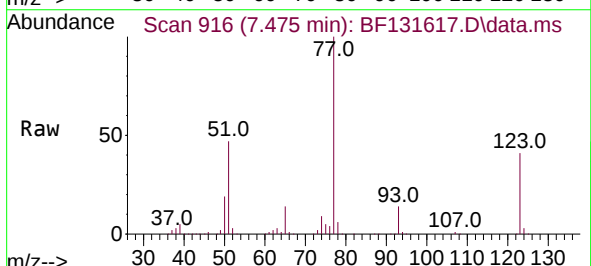
RT: 7.475 min Scan# 916

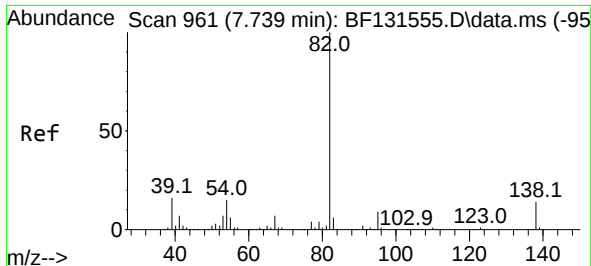
Delta R.T. 0.000 min

Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

Tgt Ion: 77 Resp: 244578
 Ion Ratio Lower Upper
 77 100
 123 40.7 27.1 40.7
 65 13.8 11.9 17.9





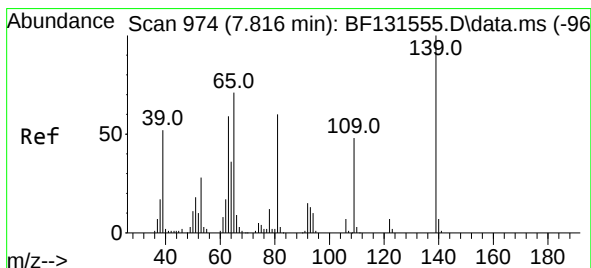
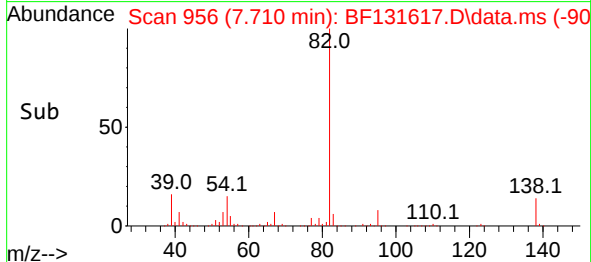
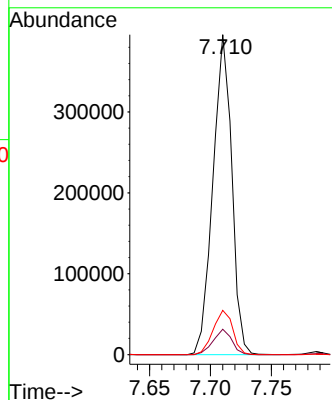
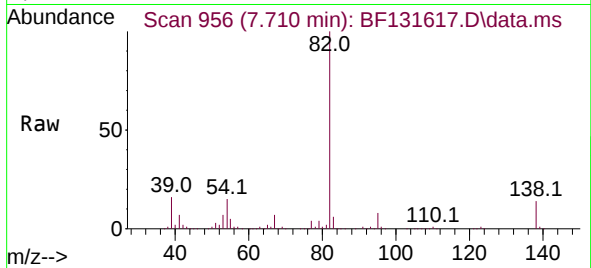
#25
Isophorone
Concen: 51.171 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD

Tgt Ion: 82 Resp: 42407
Ion Ratio Lower Upper
82 100
95 7.9 6.9 10.3
138 13.8 11.4 17.0

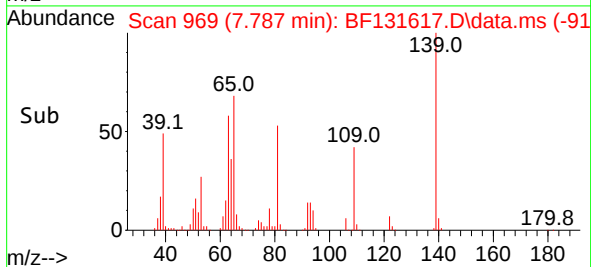
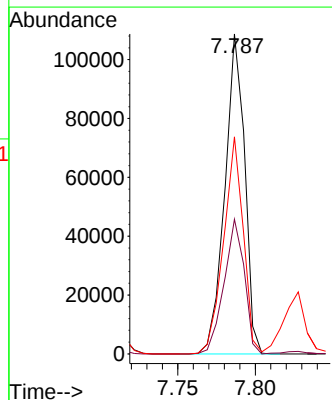
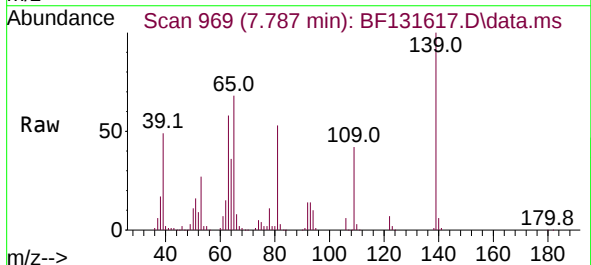
Manual Integrations
APPROVED

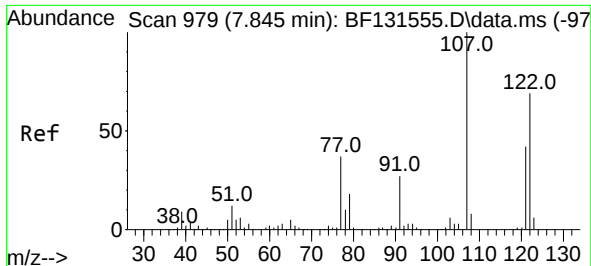
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#26
2-Nitrophenol
Concen: 54.672 ng
RT: 7.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

Tgt Ion:139 Resp: 96749
Ion Ratio Lower Upper
139 100
109 42.1 38.6 58.0
65 67.8 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 58.132 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MSD

Tgt Ion:122 Resp: 157678

Ion Ratio Lower Upper

122 100

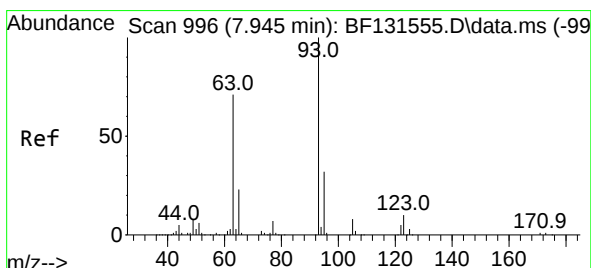
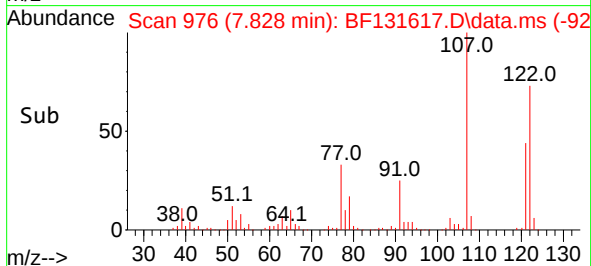
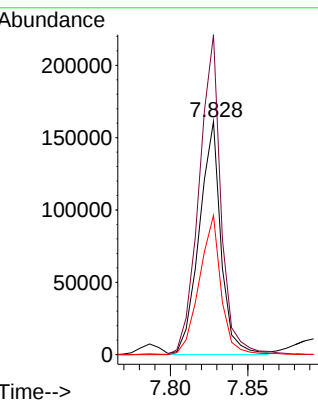
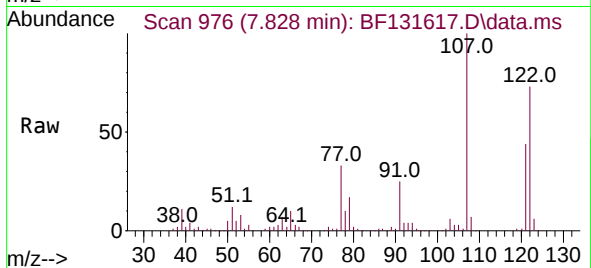
107 137.2 114.2 171.2

121 59.7 48.2 72.2

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 54.492 ng

RT: 7.922 min Scan# 992

Delta R.T. 0.000 min

Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

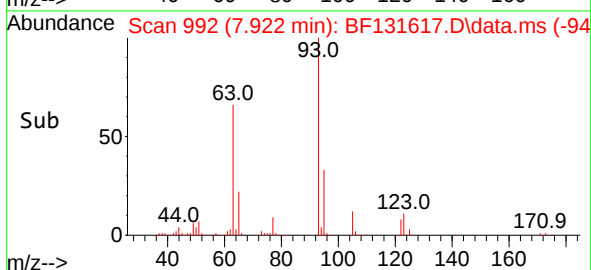
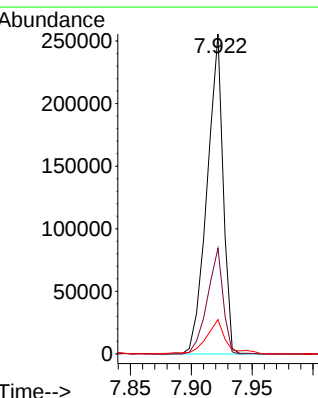
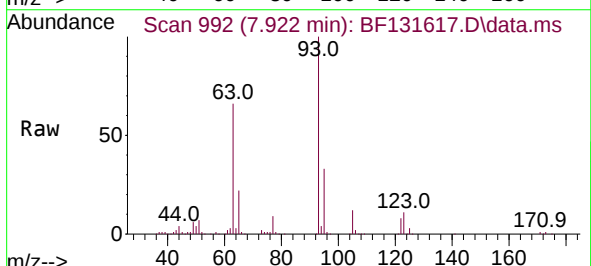
Tgt Ion: 93 Resp: 233615

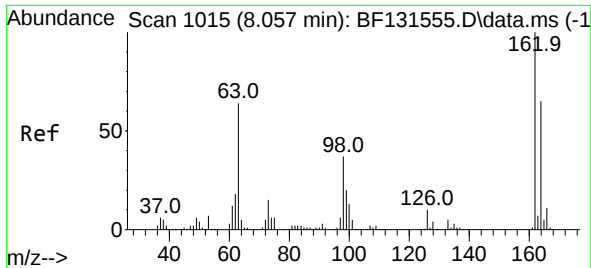
Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.6

123 10.7 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 48.932 ng

RT: 8.034 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

Instrument :

BNA_F

ClientSampleId :

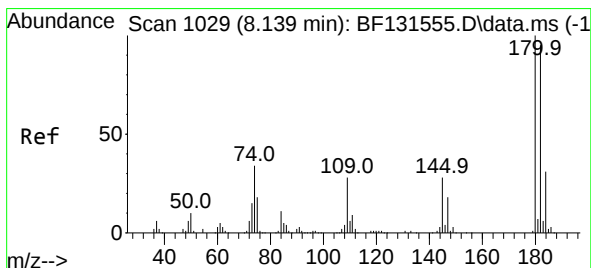
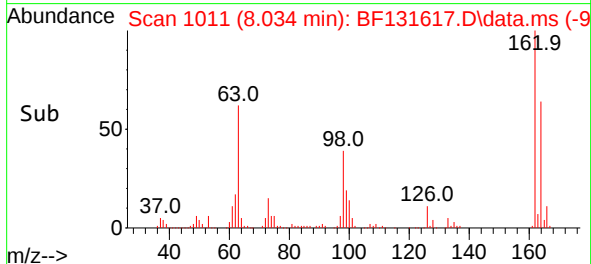
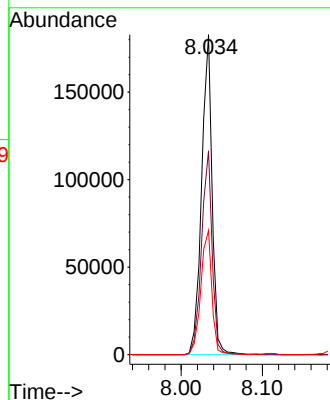
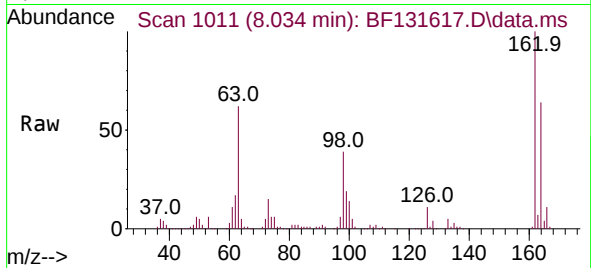
SU-518-COMP-01MSD

Tgt Ion:	162	Resp:	16410
Ion Ratio	Lower	Upper	
162	100		
164	63.7	45.0	85.0
98	38.8	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: 44.612 ng

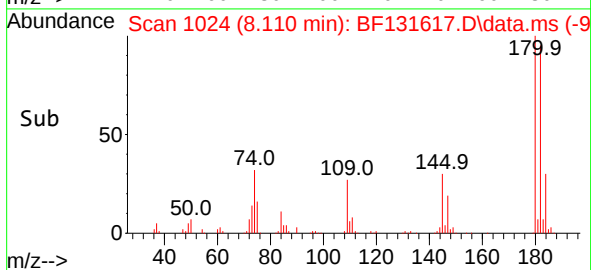
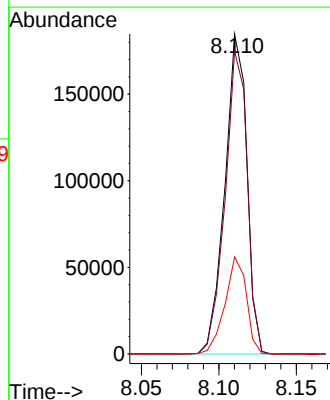
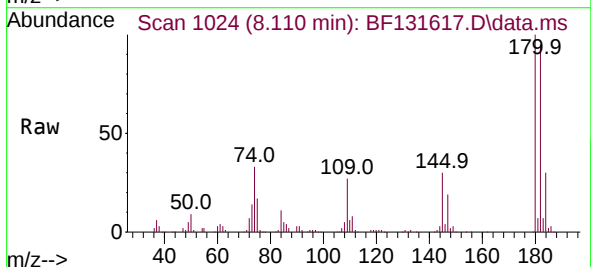
RT: 8.110 min Scan# 1024

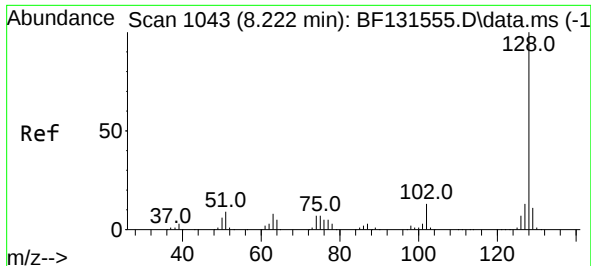
Delta R.T. -0.006 min

Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

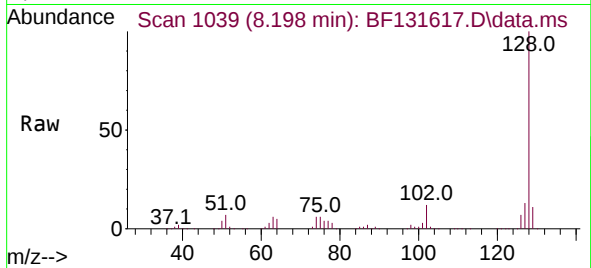
Tgt Ion:	180	Resp:	183486
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.8	113.6
145	30.3	22.4	33.6





#31
Naphthalene
Concen: 46.497 ng
RT: 8.198 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

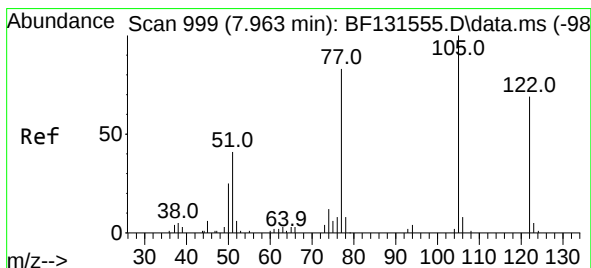
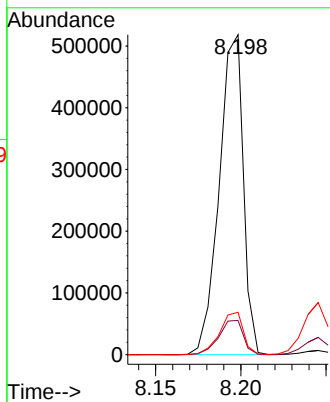
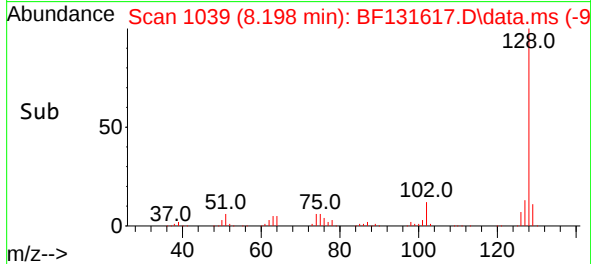
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



Tgt Ion:128 Resp: 509422
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.2 10.6 15.8

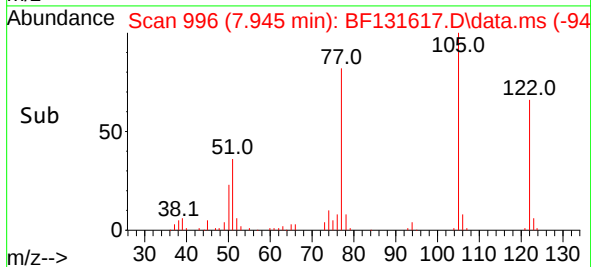
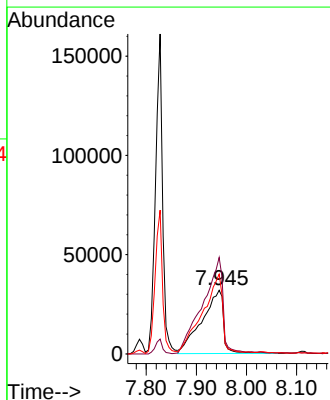
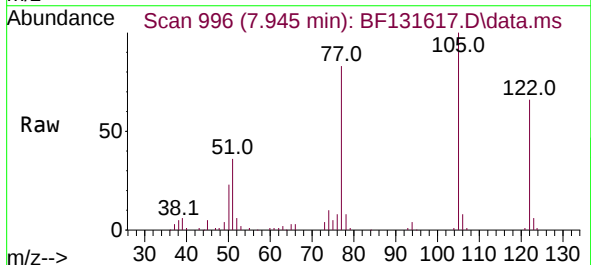
Manual Integrations
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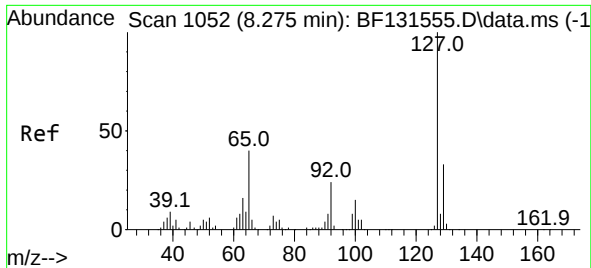
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#32
Benzoic acid
Concen: 48.757 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

Tgt Ion:122 Resp: 95776
Ion Ratio Lower Upper
122 100
105 151.6 119.8 159.8
77 125.5 97.6 137.6





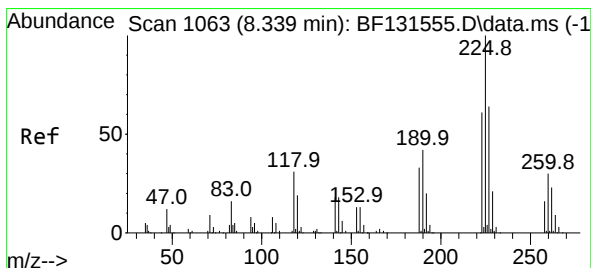
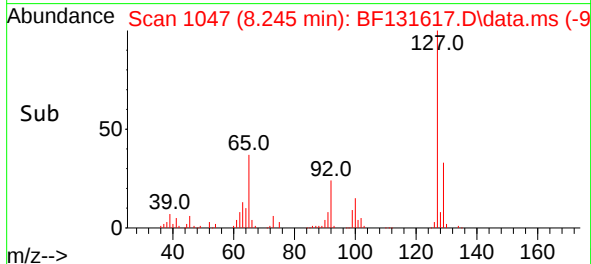
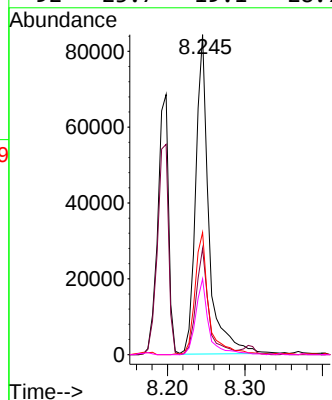
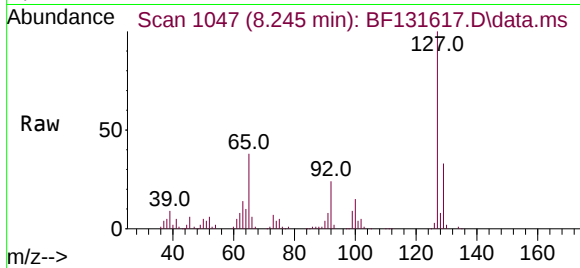
#33
4-Chloroaniline
Concen: 24.214 ng
RT: 8.245 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD

Tgt Ion:	127	Resp:	99440
Ion Ratio	Lower	Upper	
127	100		
129	33.2	26.4	39.6
65	38.2	31.9	47.9
92	23.7	19.1	28.7

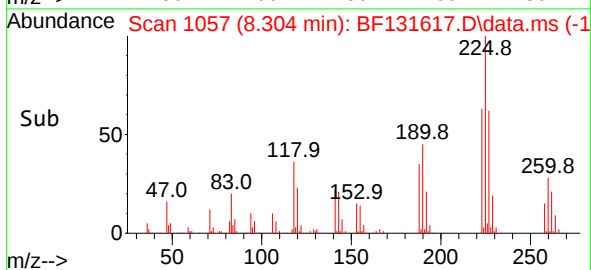
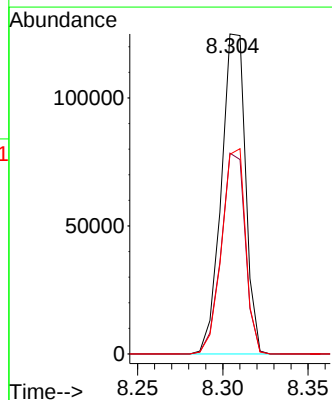
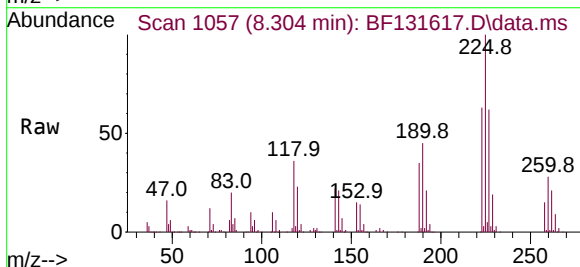
Manual Integrations
APPROVED

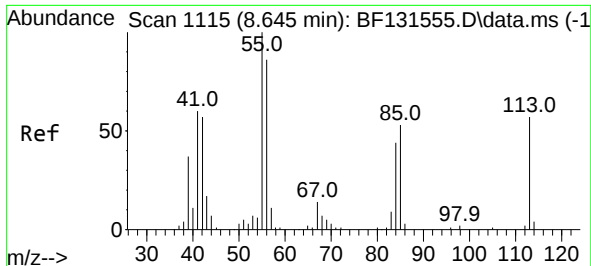
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#34
Hexachlorobutadiene
Concen: 42.541 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

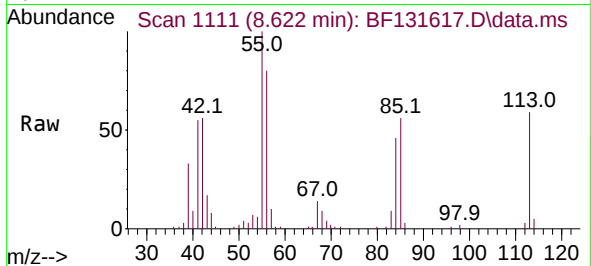
Tgt Ion:	225	Resp:	123312
Ion Ratio	Lower	Upper	
225	100		
223	62.7	48.7	73.1
227	62.4	51.0	76.6





#35
Caprolactam
Concen: 48.397 ng m
RT: 8.622 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

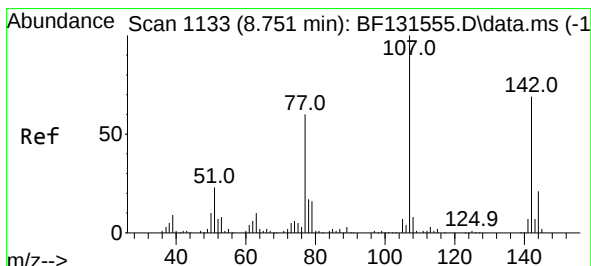
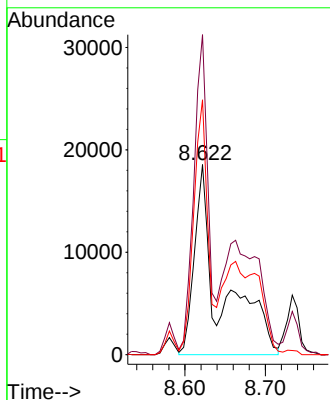
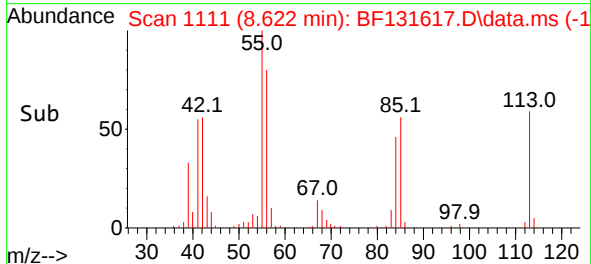
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



Tgt Ion:113 Resp: 41987
Ion Ratio Lower Upper
113 100
55 168.4 155.8 195.8
56 134.1 131.7 171.7

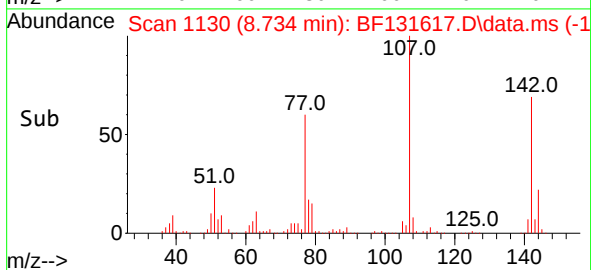
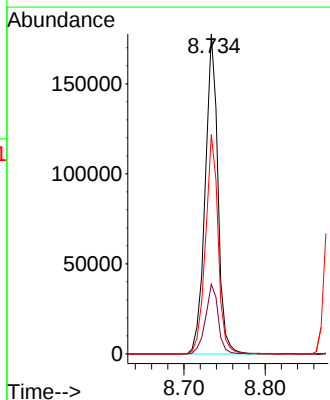
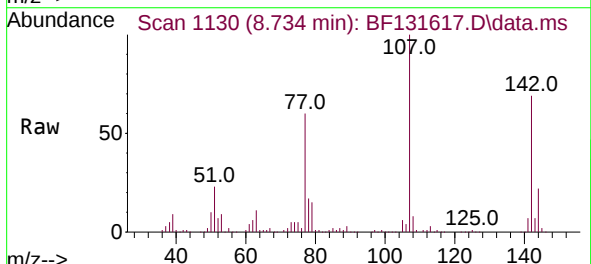
Manual Integrations
APPROVED

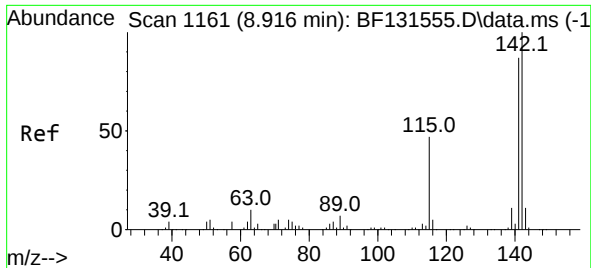
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#36
4-Chloro-3-methylphenol
Concen: 51.406 ng
RT: 8.734 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

Tgt Ion:107 Resp: 193594
Ion Ratio Lower Upper
107 100
144 21.8 17.0 25.4
142 68.5 54.8 82.2





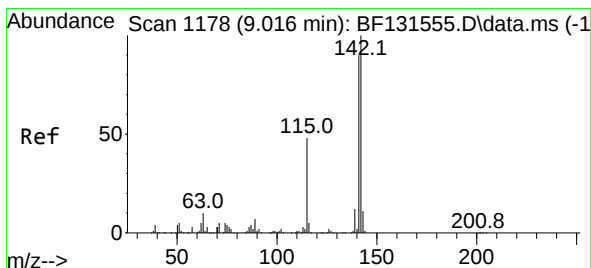
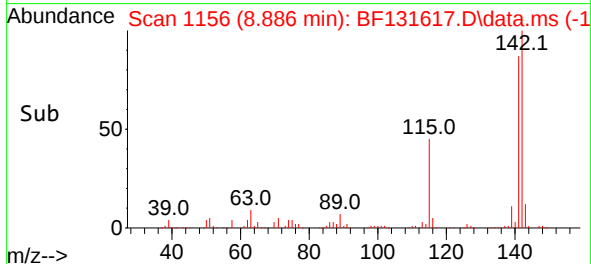
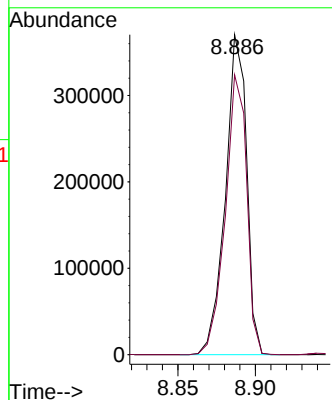
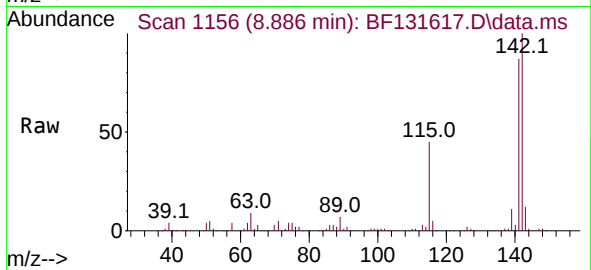
#37
2-Methylnaphthalene
Concen: 47.052 ng
RT: 8.886 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD

Tgt Ion:142 Resp: 352542
Ion Ratio Lower Upper
142 100
141 87.4 69.7 104.5

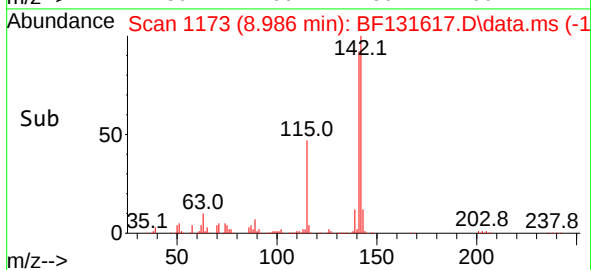
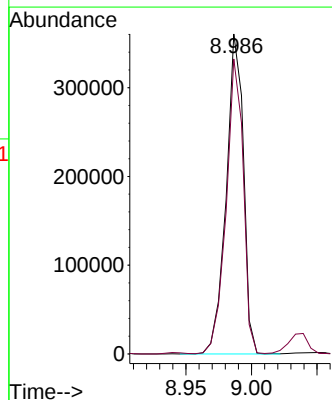
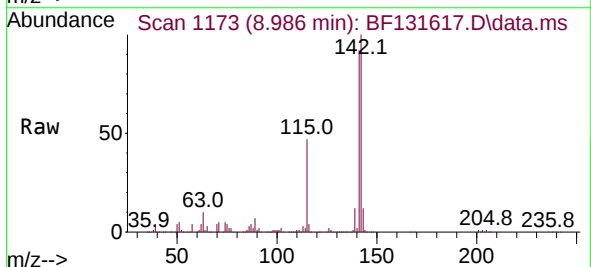
Manual Integrations
APPROVED

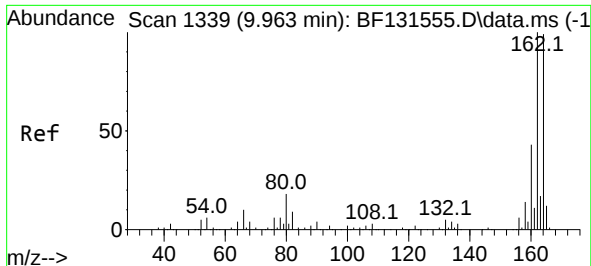
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#38
1-Methylnaphthalene
Concen: 46.019 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

Tgt Ion:142 Resp: 330998
Ion Ratio Lower Upper
142 100
141 92.2 71.9 107.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF131617.D

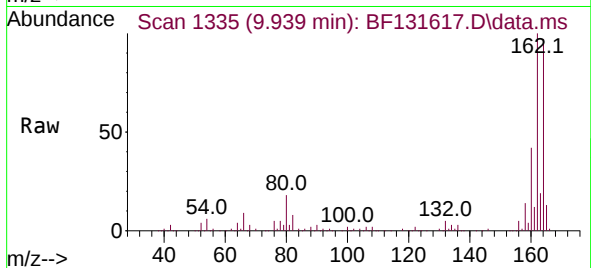
Acq: 13 Dec 2022 17:44

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MSD



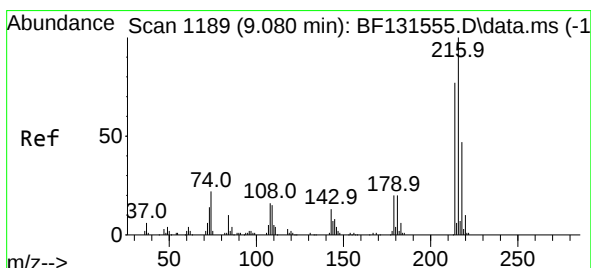
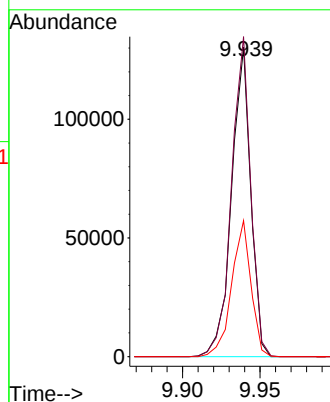
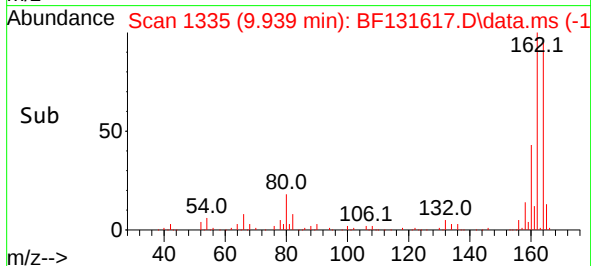
Tgt Ion:164 Resp: 112114

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.0	121.6
160	43.9	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: 48.591 ng

RT: 9.051 min Scan# 1184

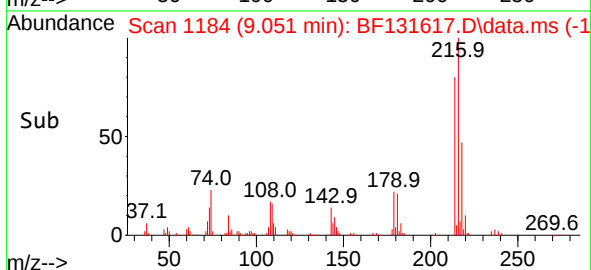
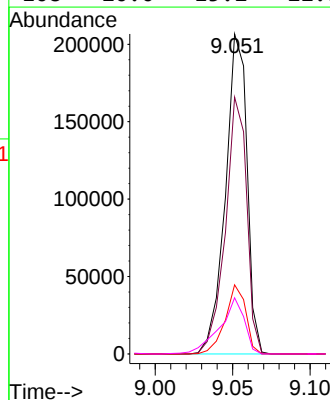
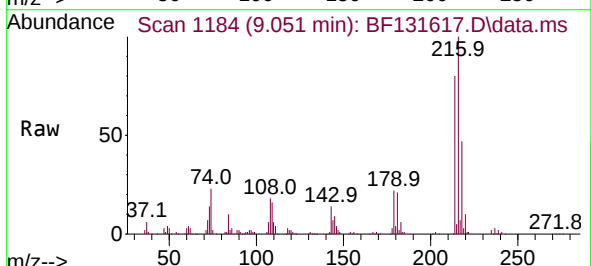
Delta R.T. -0.006 min

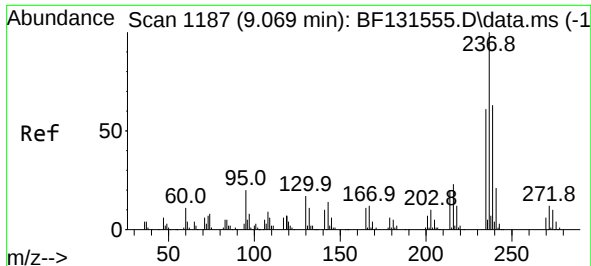
Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

Tgt Ion:216 Resp: 201664

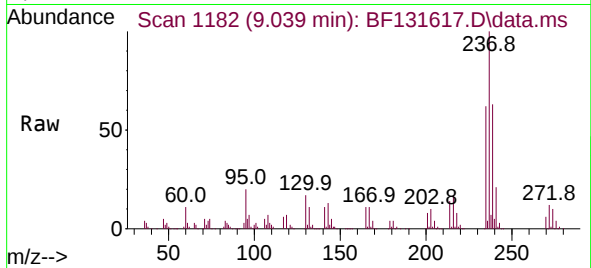
Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.1	93.1
179	20.5	16.0	24.0
108	20.0	15.2	22.8





#41
Hexachlorocyclopentadiene
Concen: 96.948 ng
RT: 9.039 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

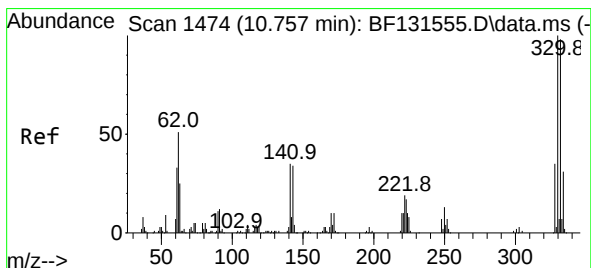
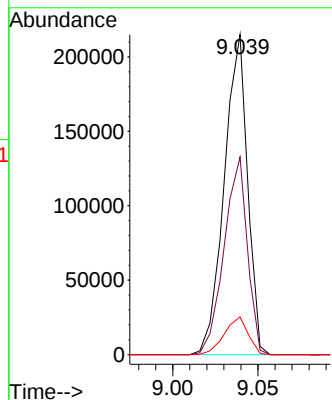
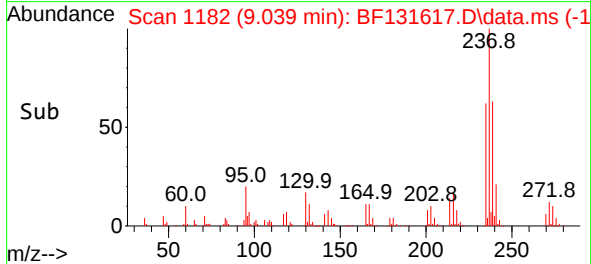
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



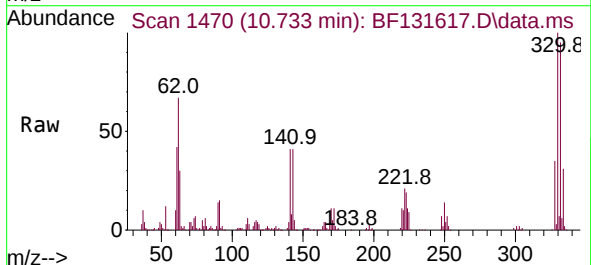
Tgt Ion: 237 Resp: 204224
Ion Ratio Lower Upper
237 100
235 61.7 40.6 80.6
272 11.8 0.0 32.2

Manual Integrations
APPROVED

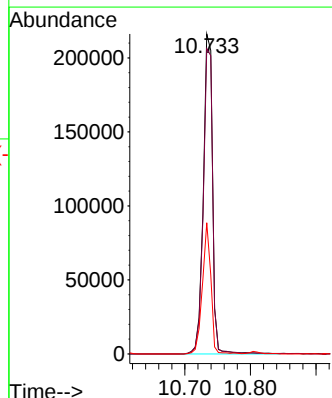
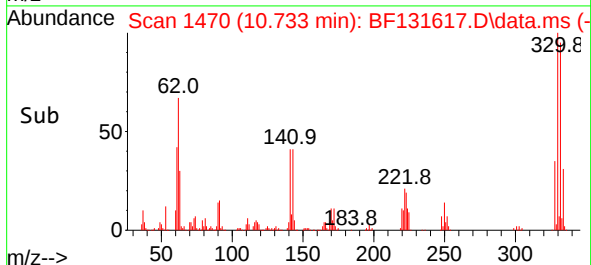
Reviewed By : Jagrut Upadhyay 12/14/2022
Supervised By : mohammad ahmed 12/14/2022

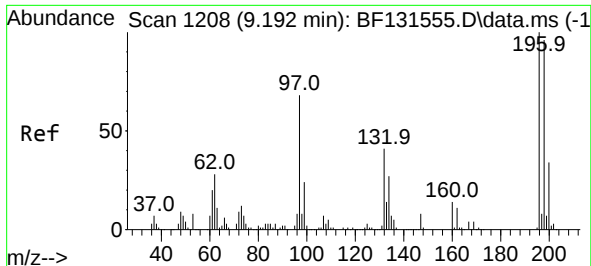


#42
2,4,6-Tribromophenol
Concen: 168.062 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44



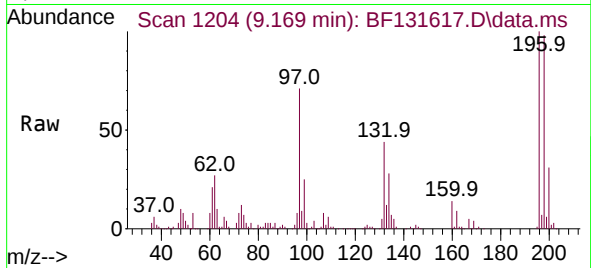
Tgt Ion: 330 Resp: 209341
Ion Ratio Lower Upper
330 100
332 96.8 78.3 117.5
141 37.5 32.6 49.0





#43
2,4,6-Trichlorophenol
Concen: 49.766 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

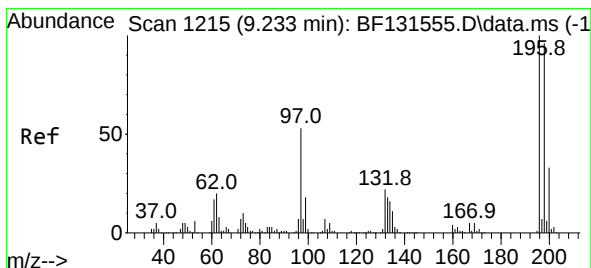
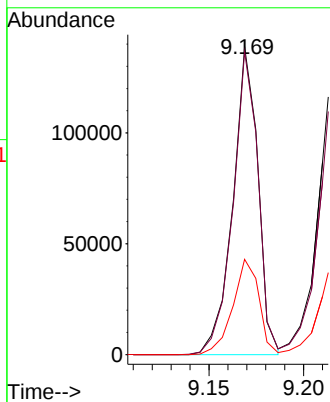
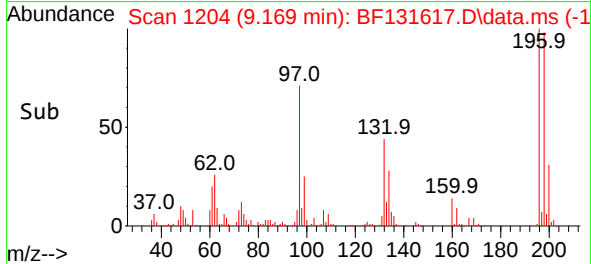
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



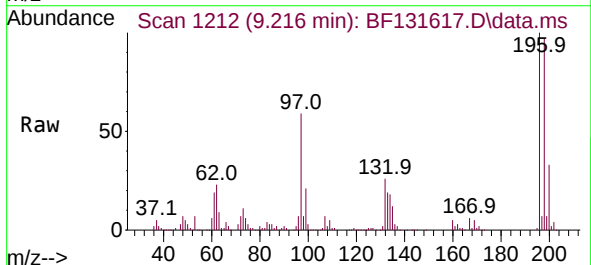
Tgt Ion:196 Resp: 12775
Ion Ratio Lower Upper
196 100
198 98.4 76.9 115.3
200 30.9 26.9 40.3

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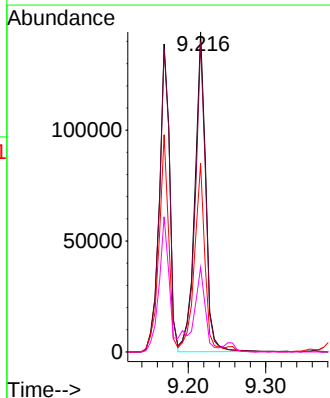
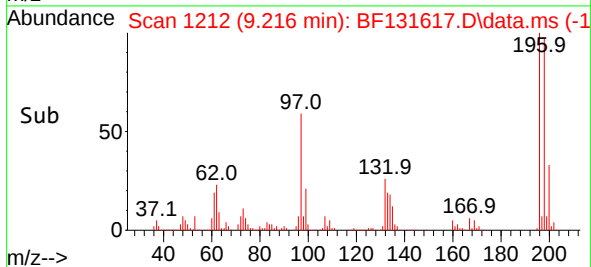
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

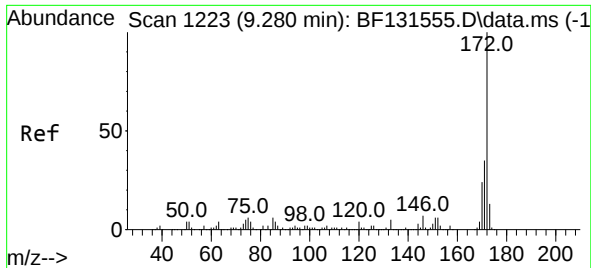


#44
2,4,5-Trichlorophenol
Concen: 51.119 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44



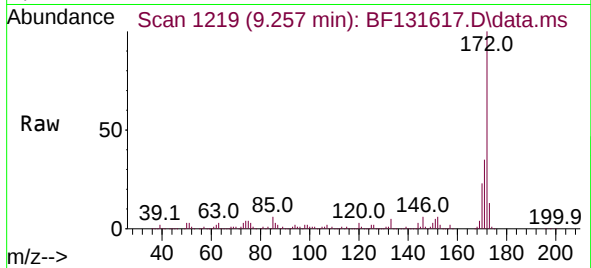
Tgt Ion:196 Resp: 141124
Ion Ratio Lower Upper
196 100
198 96.9 77.2 115.8
97 58.9 42.2 63.2
132 26.4 18.0 27.0





#45
2-Fluorobiphenyl
Concen: 89.831 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

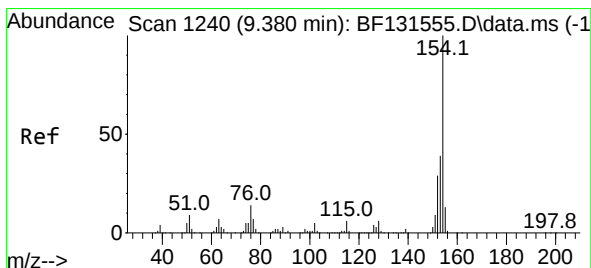
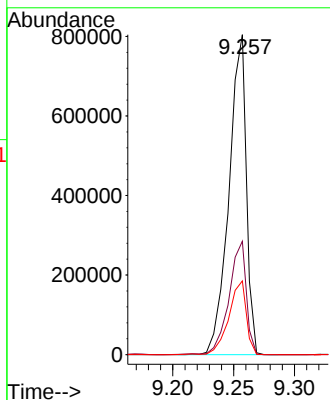
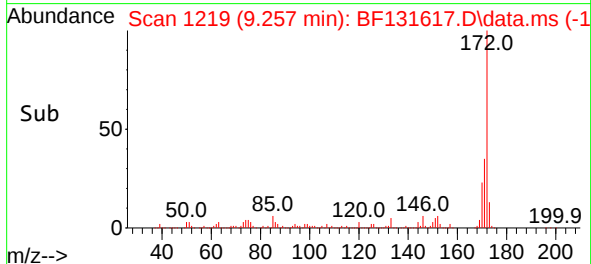
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



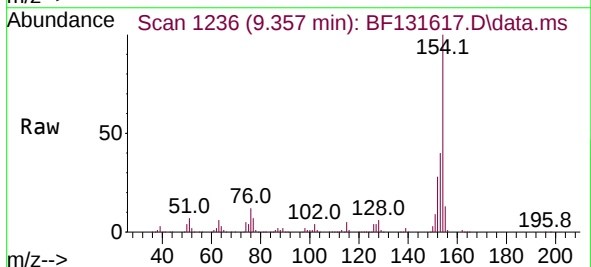
Tgt Ion:172 Resp: 798760
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.0 19.3 28.9

Manual Integrations
APPROVED

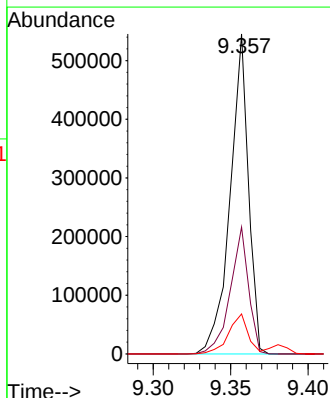
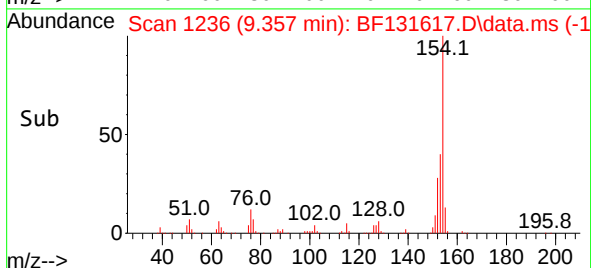
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

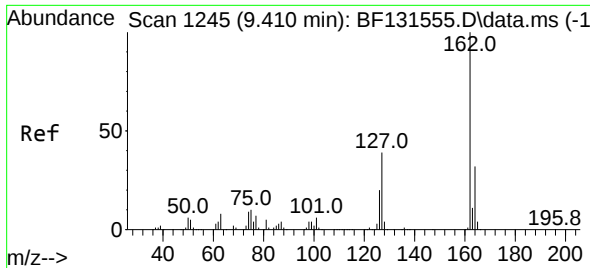


#46
1,1'-Biphenyl
Concen: 50.548 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44



Tgt Ion:154 Resp: 448071
Ion Ratio Lower Upper
154 100
153 39.6 19.4 59.4
76 12.5 0.0 34.0





#47

2-Chloronaphthalene

Concen: 49.911 ng

RT: 9.381 min Scan# 1240

Delta R.T. -0.006 min

Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MSD

Tgt Ion:162 Resp: 360463

Ion Ratio Lower Upper

162 100

127 41.7 31.4 47.2

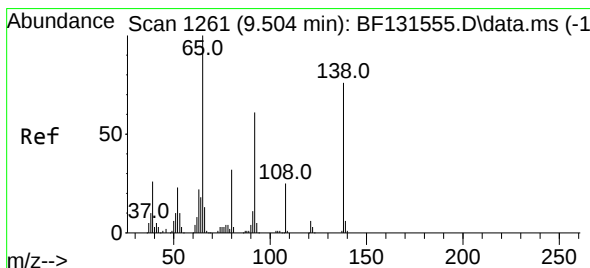
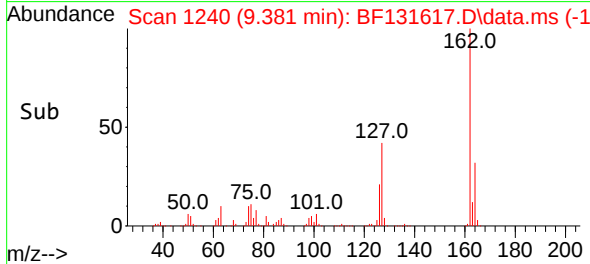
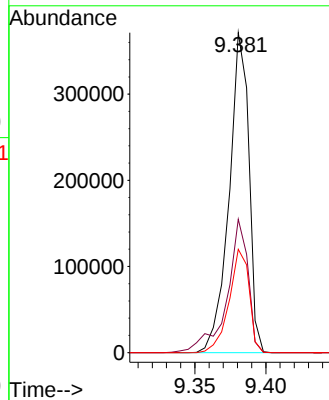
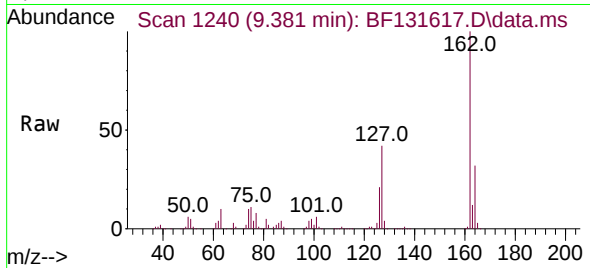
164 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022

Supervised By :mohammad ahmed 12/14/2022



#48

2-Nitroaniline

Concen: 52.699 ng

RT: 9.481 min Scan# 1257

Delta R.T. -0.006 min

Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

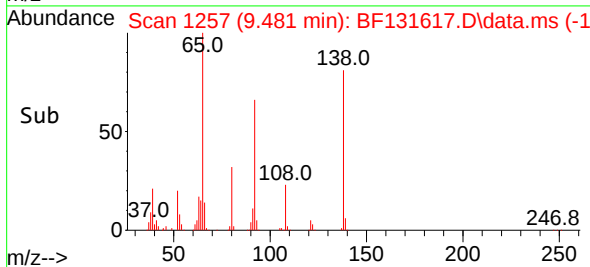
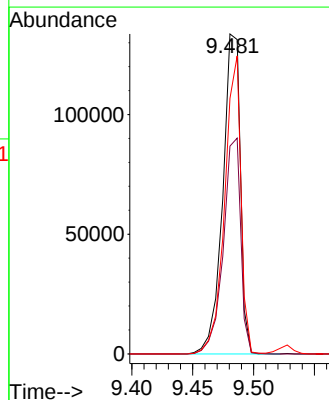
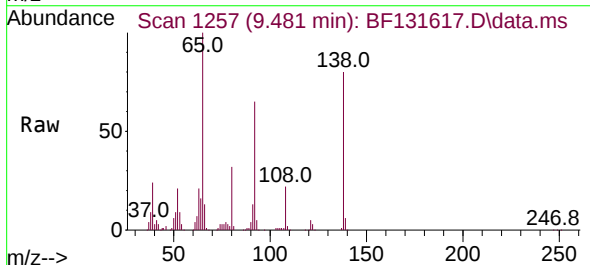
Tgt Ion: 65 Resp: 134824

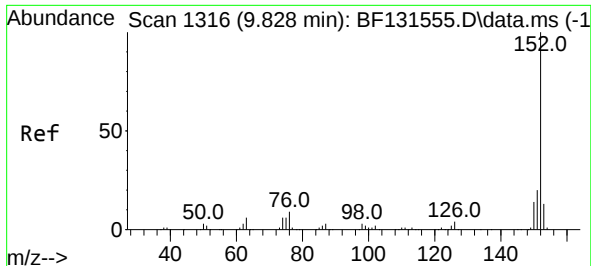
Ion Ratio Lower Upper

65 100

92 64.9 49.2 73.8

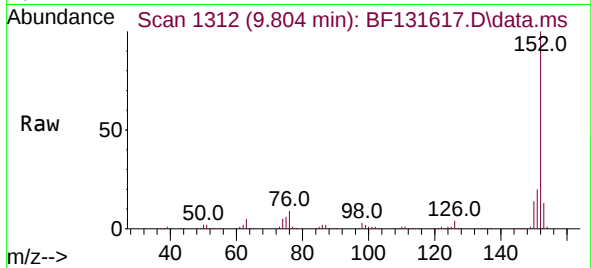
138 79.8 60.7 91.1





#49
Acenaphthylene
Concen: 51.165 ng
RT: 9.804 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

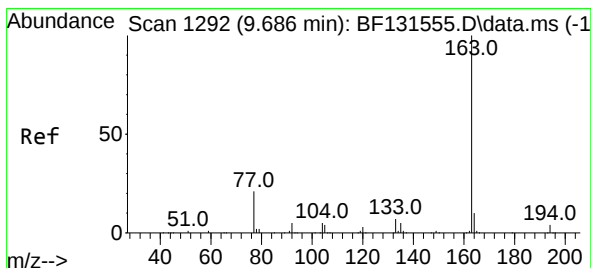
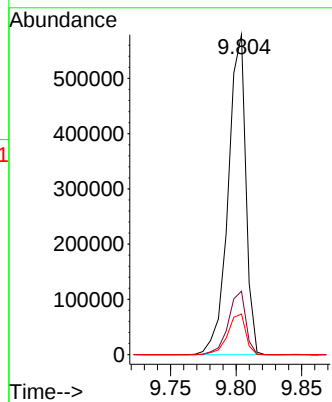
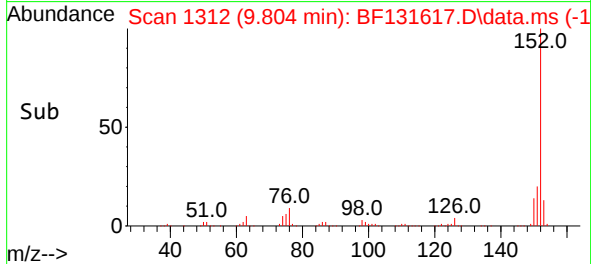
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



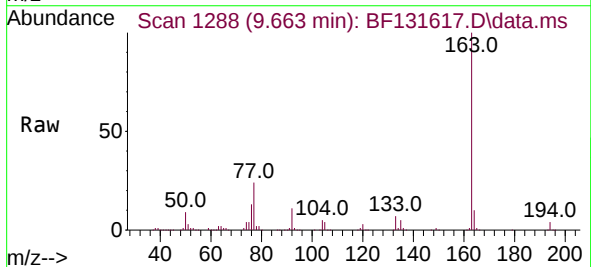
Tgt Ion:152 Resp: 542562
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 12.7 10.4 15.6

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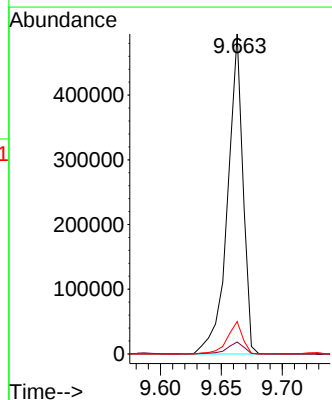
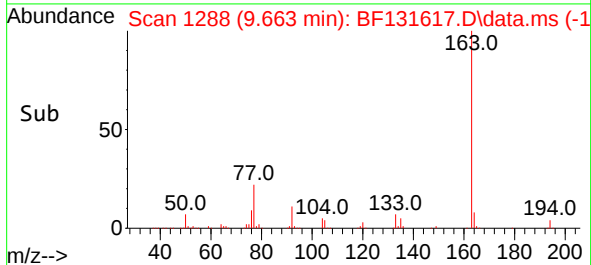
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

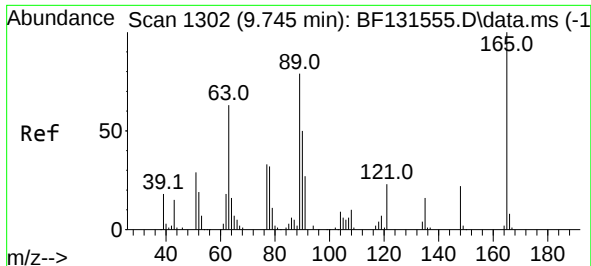


#50
Dimethylphthalate
Concen: 50.803 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44



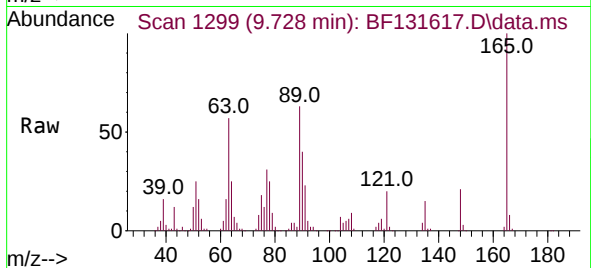
Tgt Ion:163 Resp: 434193
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.1 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 55.085 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

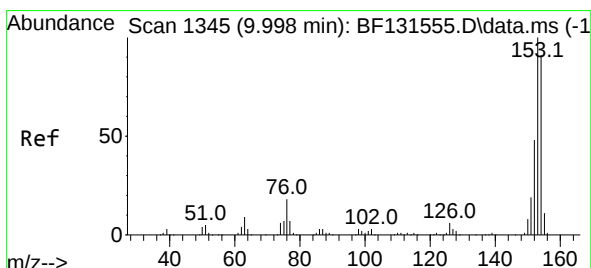
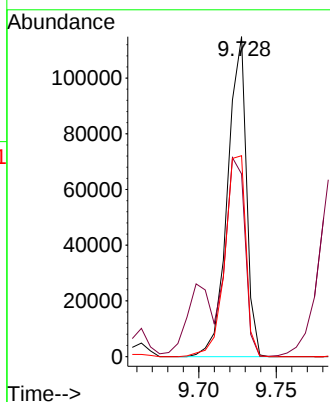
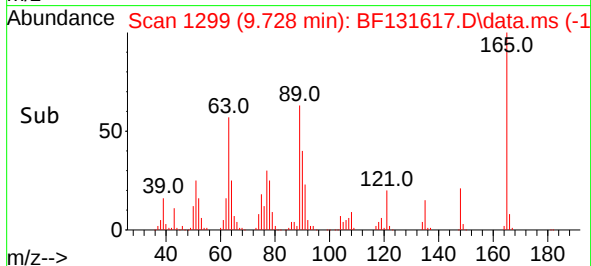
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



Tgt Ion:165 Resp: 97193
Ion Ratio Lower Upper
165 100
63 57.1 67.9 101.9
89 62.8 63.2 94.8

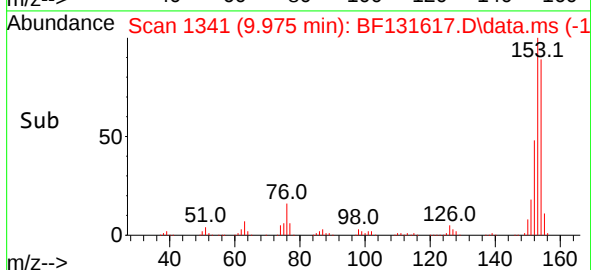
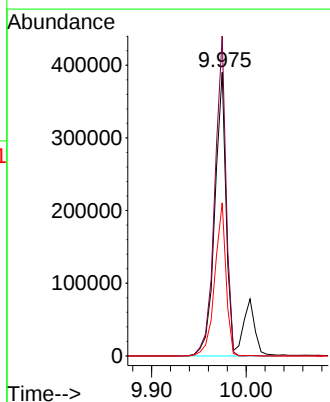
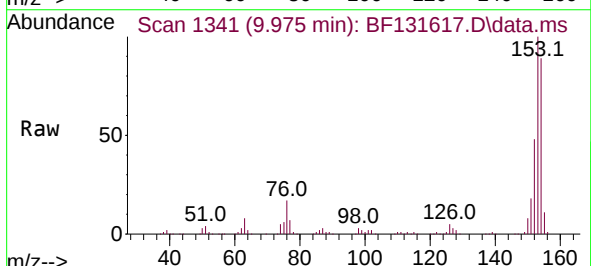
Manual Integrations
APPROVED

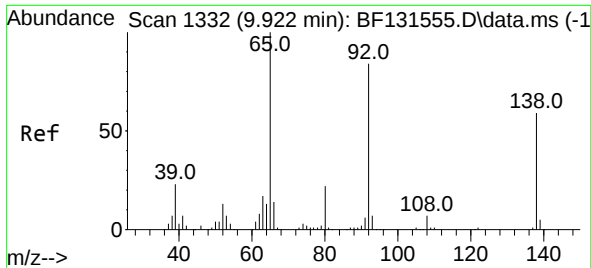
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#52
Acenaphthene
Concen: 54.634 ng m
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

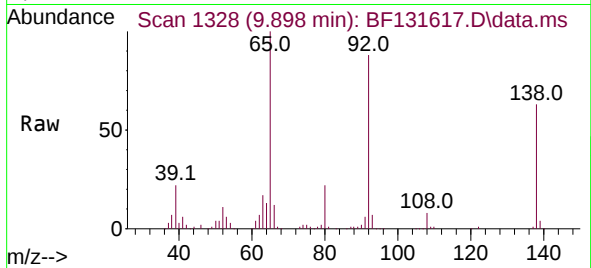
Tgt Ion:154 Resp: 388113
Ion Ratio Lower Upper
154 100
153 112.8 87.9 131.9
152 53.9 42.4 63.6





#53
3-Nitroaniline
Concen: 37.522 ng
RT: 9.898 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

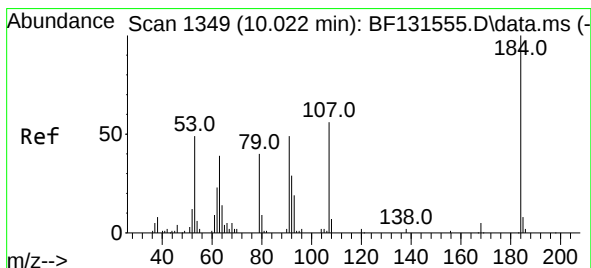
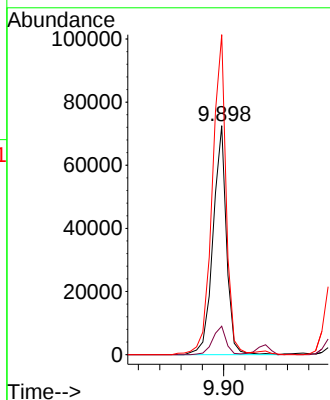
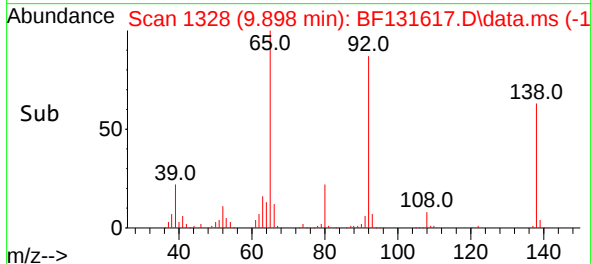
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



Tgt Ion:138 Resp: 63520
Ion Ratio Lower Upper
138 100
108 12.4 9.6 14.4
92 139.8 113.4 170.0

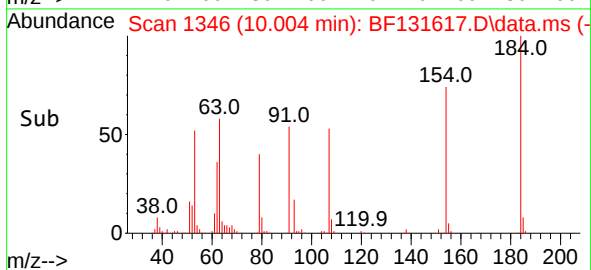
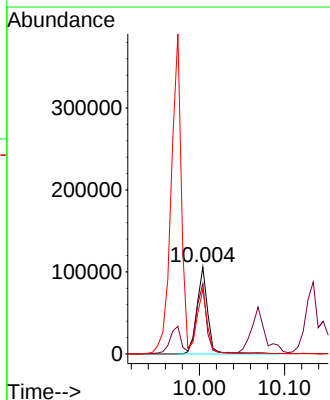
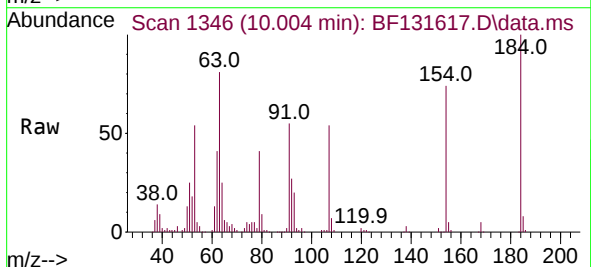
Manual Integrations
APPROVED

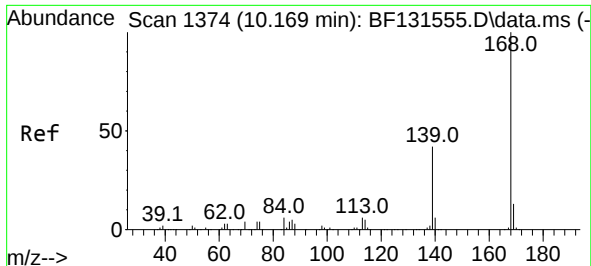
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#54
2,4-Dinitrophenol
Concen: 91.658 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

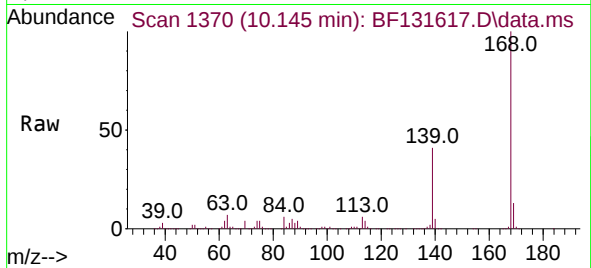
Tgt Ion:184 Resp: 93214
Ion Ratio Lower Upper
184 100
63 80.7 60.7 91.1
154 73.9 59.0 88.6





#55
Dibenzofuran
Concen: 51.251 ng
RT: 10.145 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

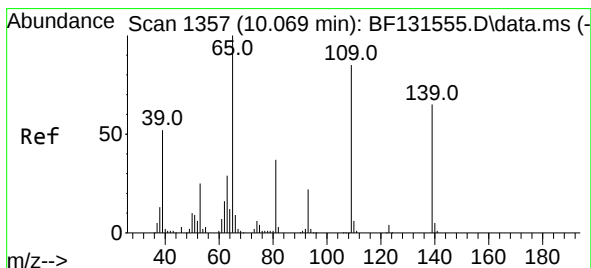
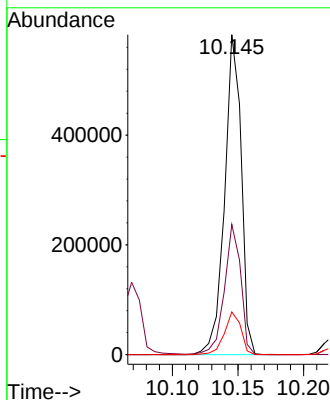
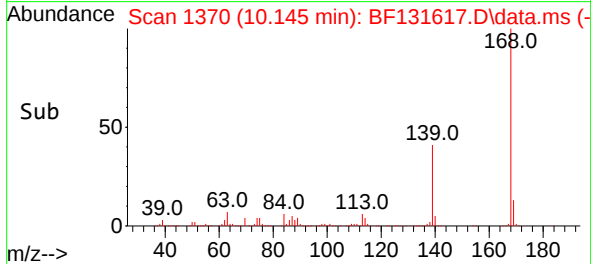
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



Tgt Ion:168 Resp: 514426
Ion Ratio Lower Upper
168 100
139 40.7 33.9 50.9
169 13.3 10.7 16.1

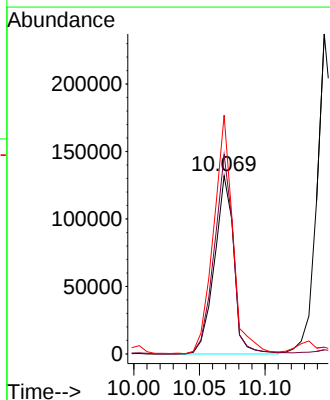
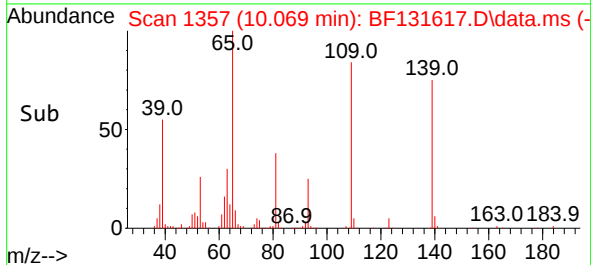
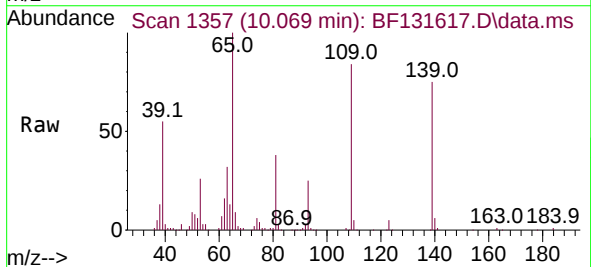
Manual Integrations
APPROVED

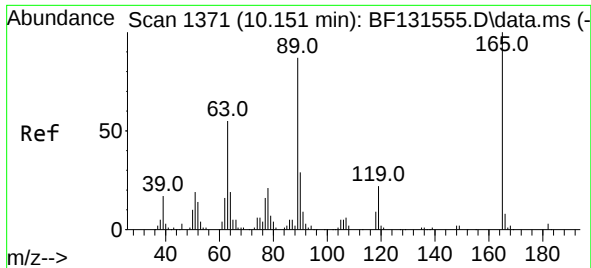
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#56
4-Nitrophenol
Concen: 115.131 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

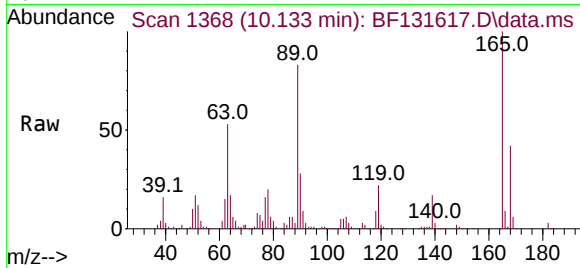
Tgt Ion:139 Resp: 135398
Ion Ratio Lower Upper
139 100
109 111.9 110.2 150.2
65 133.9 133.3 173.3





#57
2,4-Dinitrotoluene
Concen: 57.525 ng
RT: 10.133 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

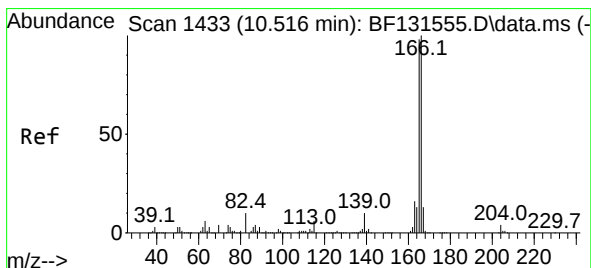
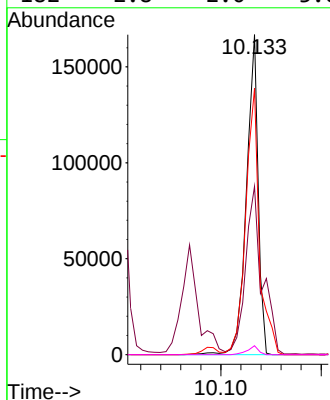
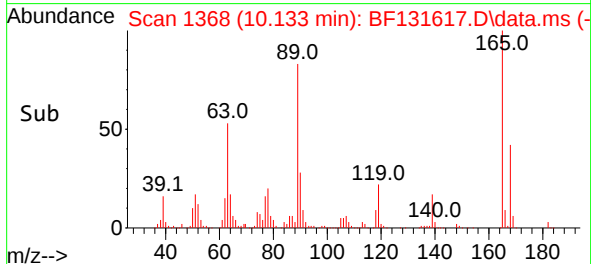
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



Tgt Ion:165 Resp: 134640
Ion Ratio Lower Upper
165 100
63 52.6 44.4 66.6
89 83.2 69.6 104.4
182 2.8 2.0 3.0

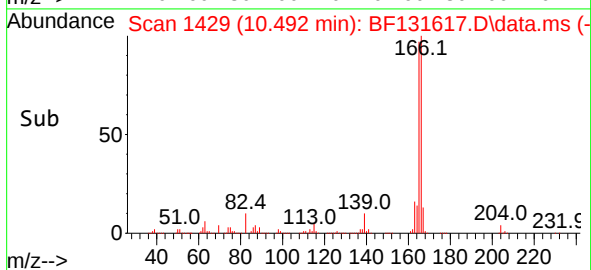
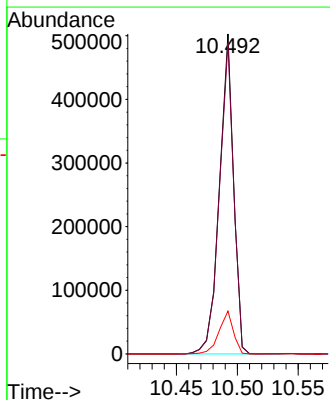
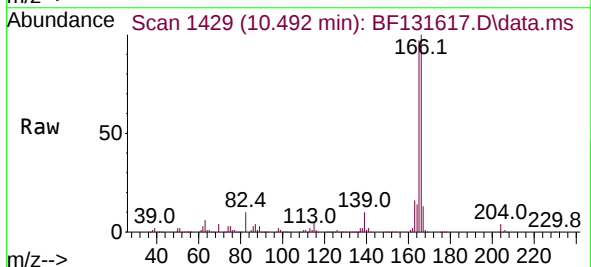
Manual Integrations
APPROVED

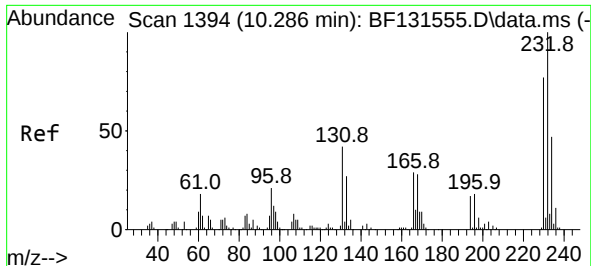
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#58
Fluorene
Concen: 49.863 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

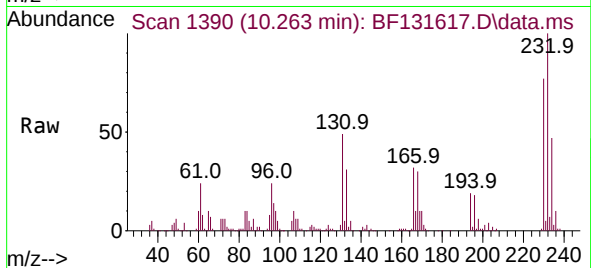
Tgt Ion:166 Resp: 406886
Ion Ratio Lower Upper
166 100
165 97.1 78.4 117.6
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.995 ng m
RT: 10.263 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

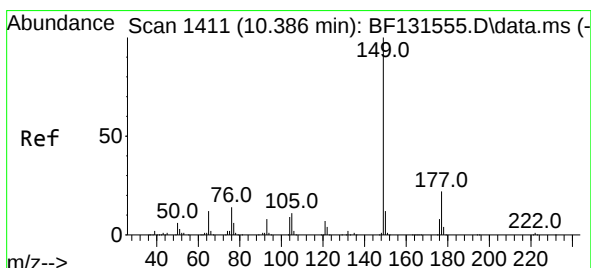
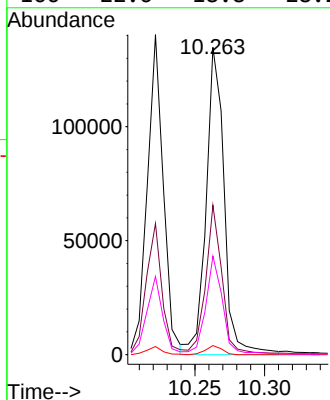
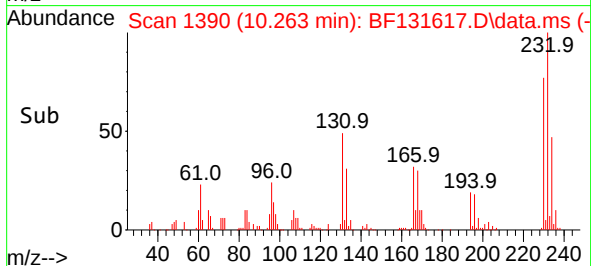
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



Tgt Ion:232 Resp: 121553
Ion Ratio Lower Upper
232 100
131 38.0 31.0 46.6
130 2.3 1.8 2.8
166 22.6 18.8 28.2

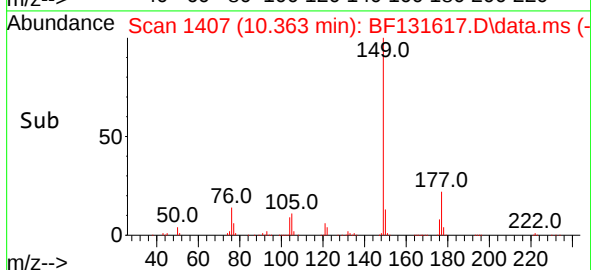
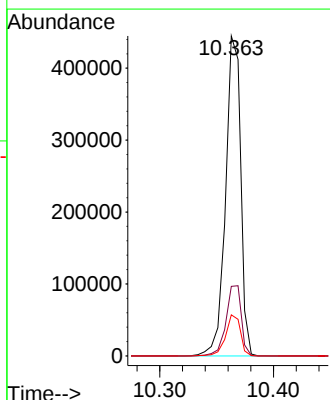
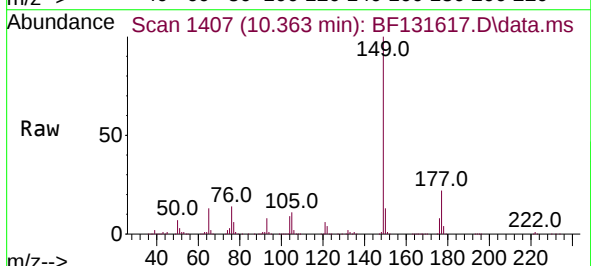
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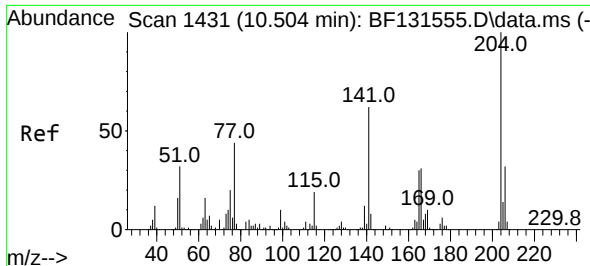
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#60
Diethylphthalate
Concen: 50.127 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

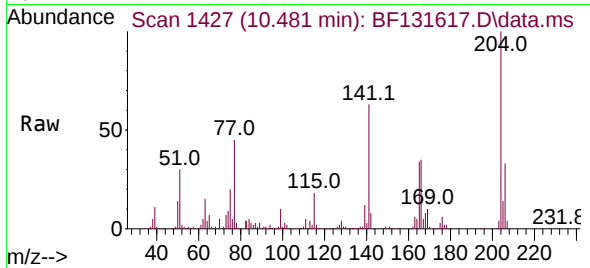
Tgt Ion:149 Resp: 411121
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 12.8 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 48.283 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

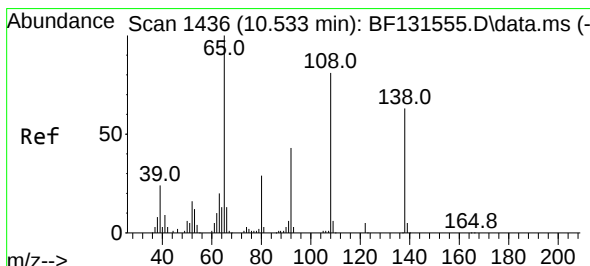
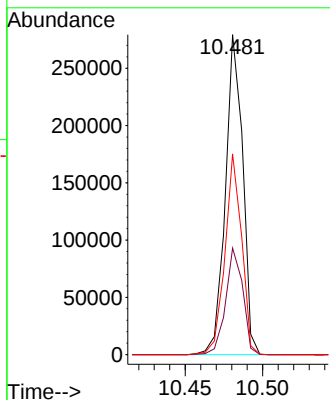
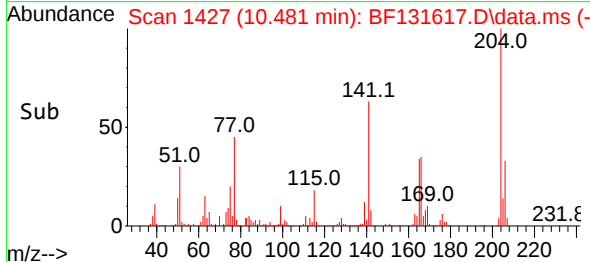
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



Tgt Ion:204 Resp: 217728
Ion Ratio Lower Upper
204 100
206 33.3 25.4 38.2
141 62.7 49.5 74.3

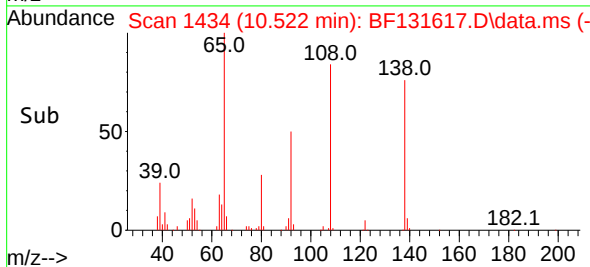
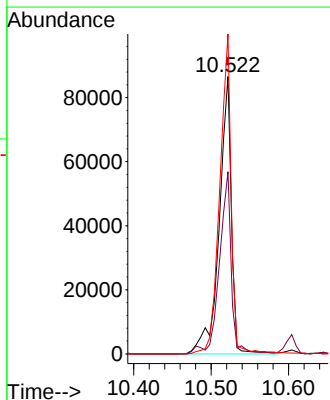
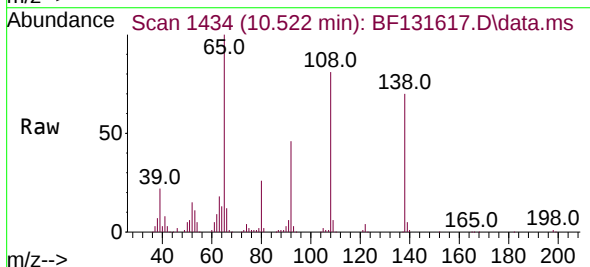
Manual Integrations
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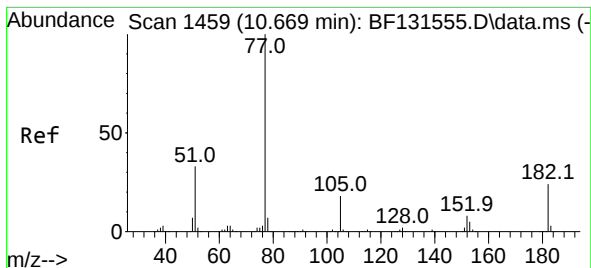
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#62
4-Nitroaniline
Concen: 56.256 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

Tgt Ion:138 Resp: 94374
Ion Ratio Lower Upper
138 100
92 65.7 47.5 87.5
108 115.4 108.8 148.8





#63

Azobenzene

Concen: 48.616 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MSD

Tgt Ion: 77 Resp: 454772

Ion Ratio Lower Upper

77 100

182 24.5 3.9 43.9

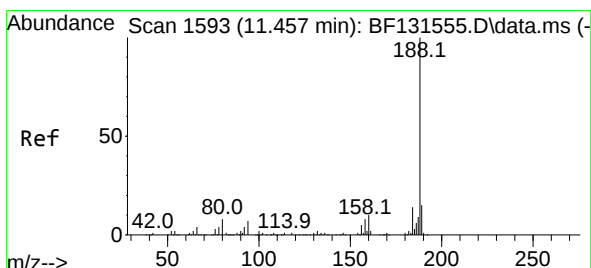
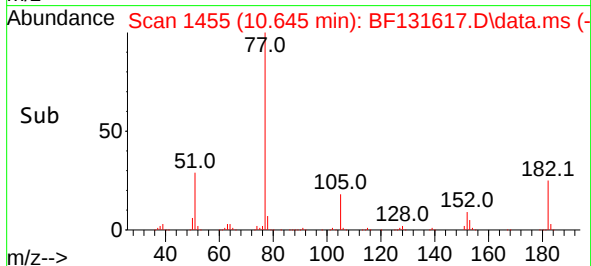
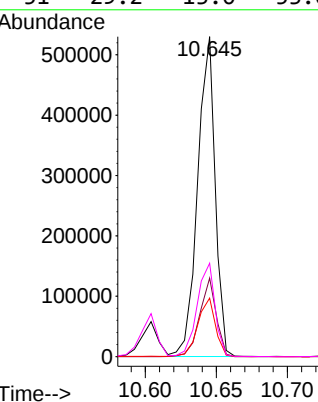
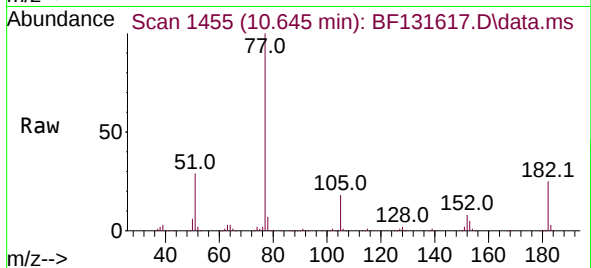
105 18.3 0.0 38.3

51 29.2 13.0 53.0

Manual Integrations

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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: BF131617.D

Acq: 13 Dec 2022 17:44

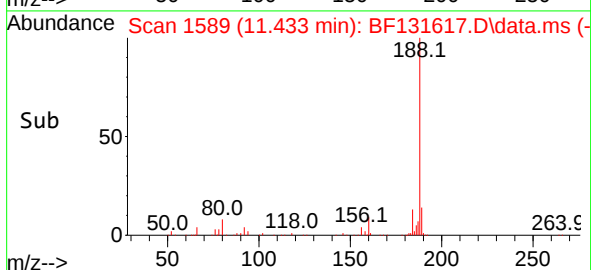
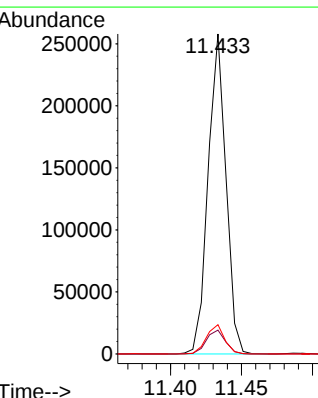
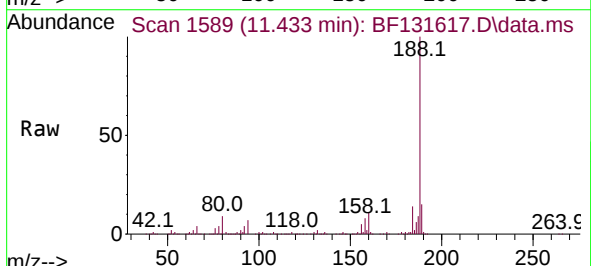
Tgt Ion:188 Resp: 226151

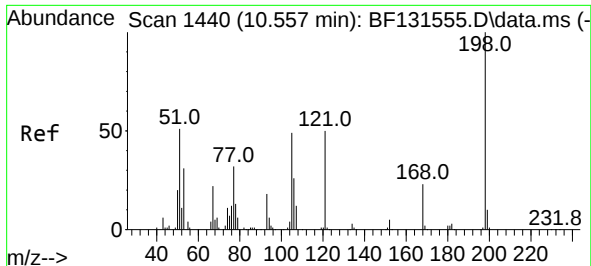
Ion Ratio Lower Upper

188 100

94 7.4 5.5 8.3

80 9.1 6.6 10.0





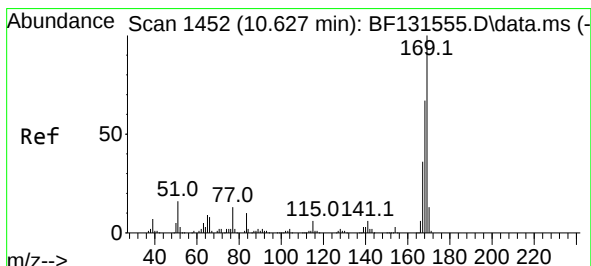
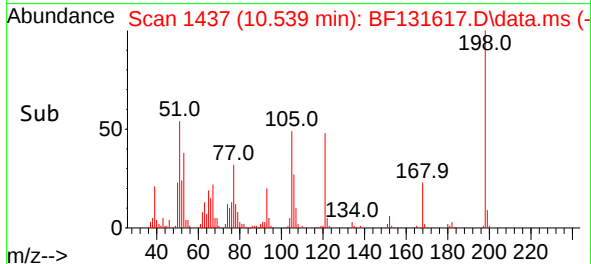
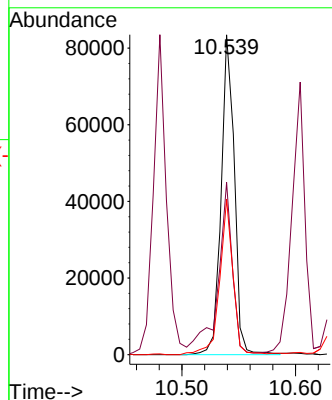
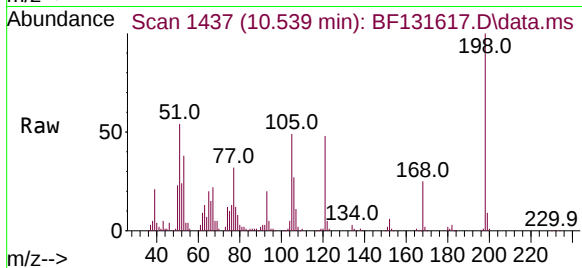
#65
4,6-Dinitro-2-methylphenol
Concen: 47.021 ng
RT: 10.539 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD

Tgt Ion:198 Resp: 67352
Ion Ratio Lower Upper
198 100
51 53.9 36.7 76.7
105 48.7 29.9 69.9

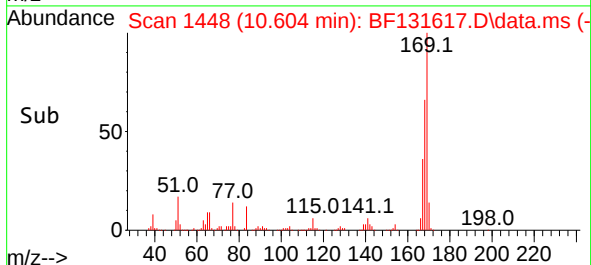
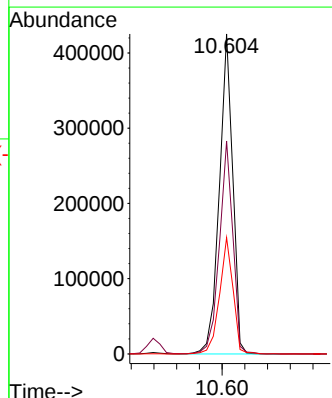
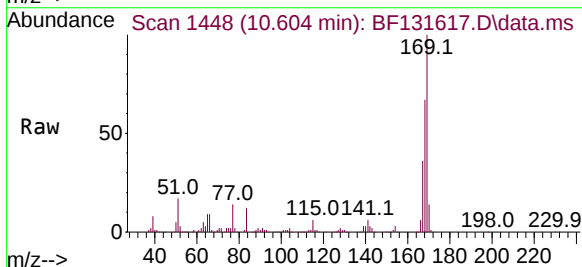
Manual Integrations
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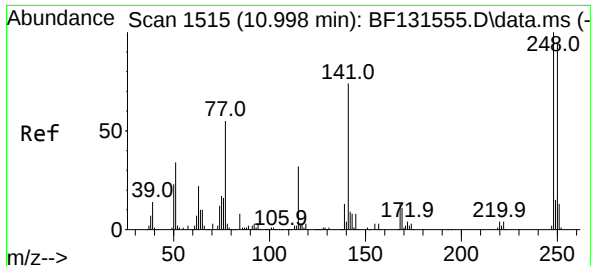
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#66
n-Nitrosodiphenylamine
Concen: 47.470 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

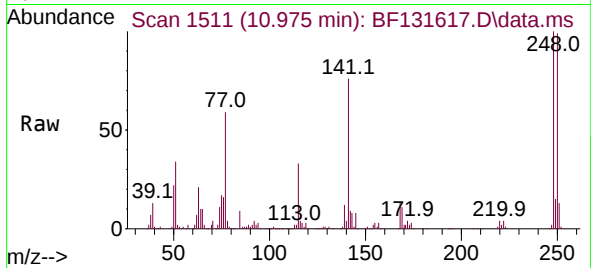
Tgt Ion:169 Resp: 347070
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.6
167 36.3 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 45.035 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

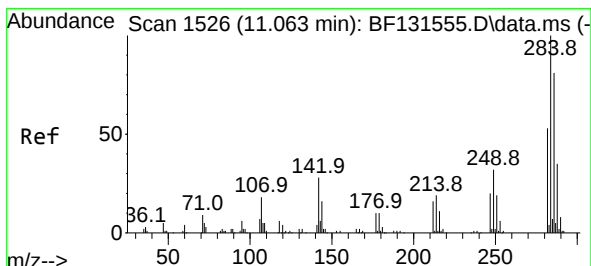
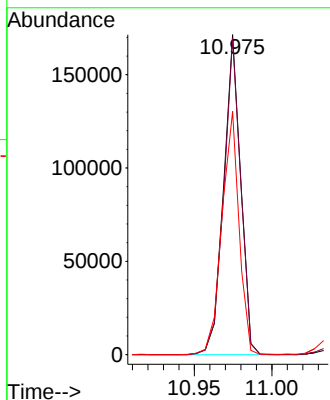
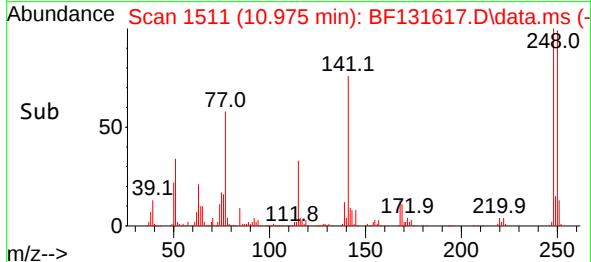
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



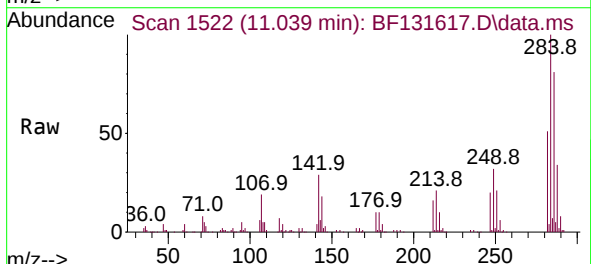
Tgt Ion:248 Resp: 131019
Ion Ratio Lower Upper
248 100
250 99.0 76.2 114.2
141 76.0 59.5 89.3

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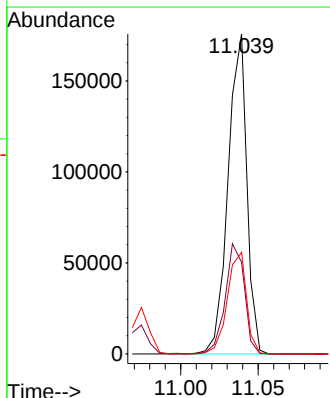
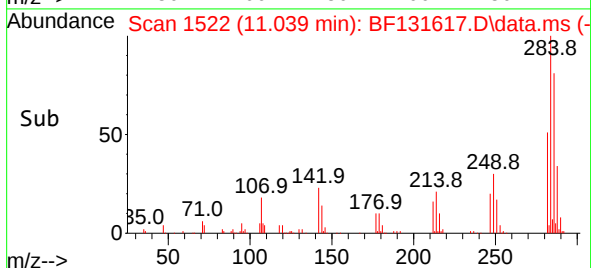
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

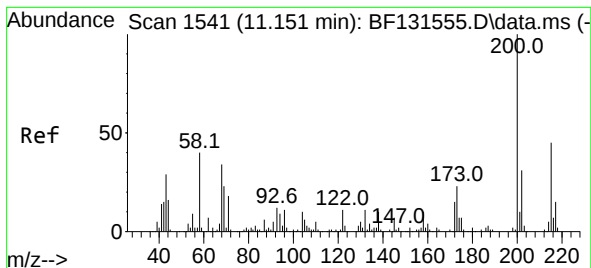


#68
Hexachlorobenzene
Concen: 47.119 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44



Tgt Ion:284 Resp: 148276
Ion Ratio Lower Upper
284 100
142 28.6 22.3 33.5
249 31.7 25.4 38.2





#69

Atrazine

Concen: 58.047 ng

RT: 11.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MSD

Tgt Ion:200 Resp: 13477

Ion Ratio Lower Upper

200 100

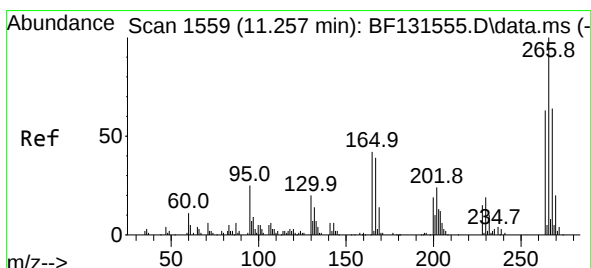
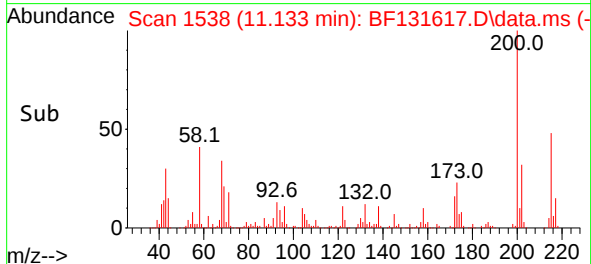
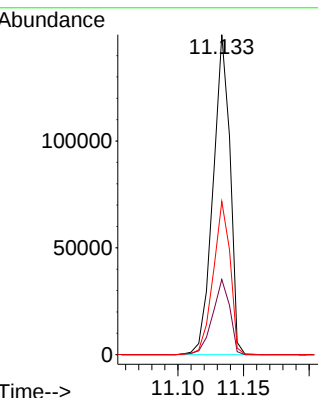
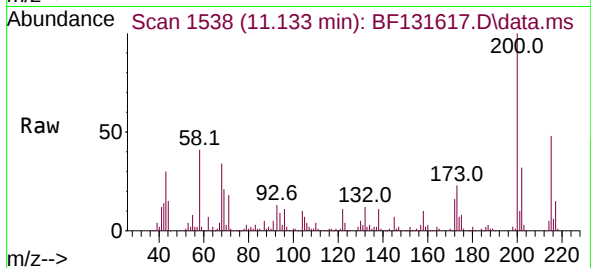
173 23.5 3.4 43.4

215 47.9 25.0 65.0

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



#70

Pentachlorophenol

Concen: 97.012 ng

RT: 11.239 min Scan# 1556

Delta R.T. 0.006 min

Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

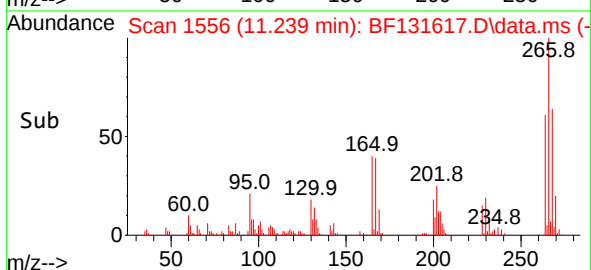
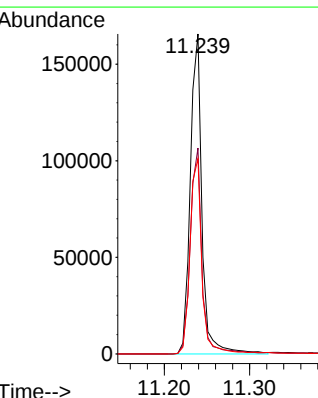
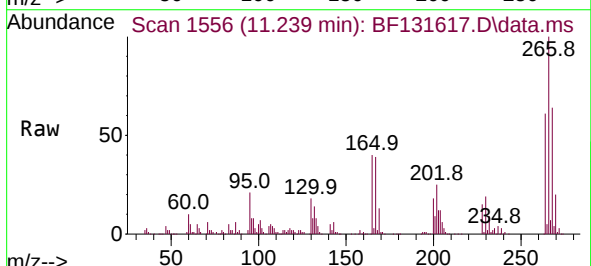
Tgt Ion:266 Resp: 157162

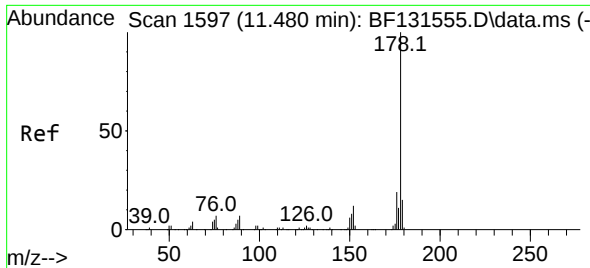
Ion Ratio Lower Upper

266 100

268 64.3 51.5 77.3

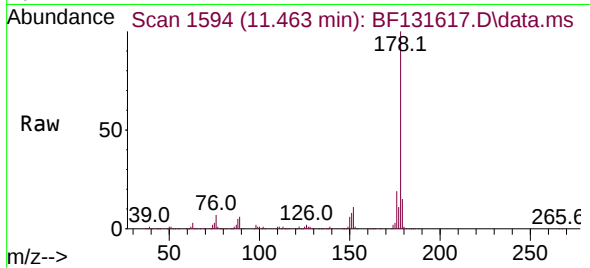
264 61.0 50.7 76.1





#71
Phenanthrene
Concen: 48.869 ng
RT: 11.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

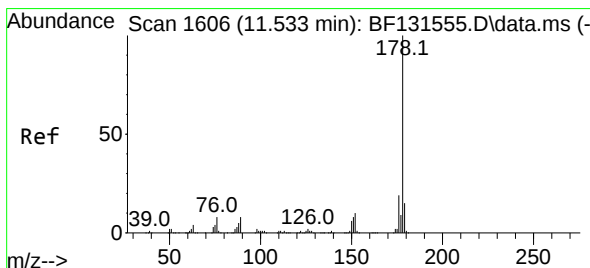
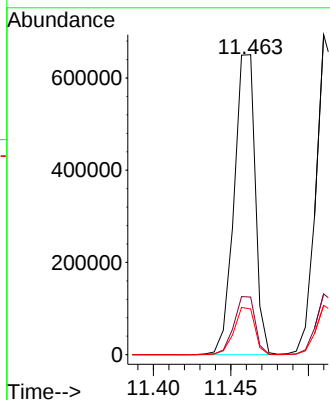
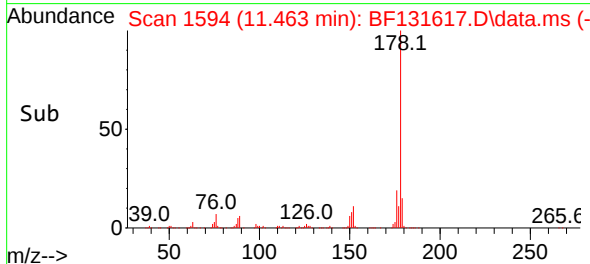
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



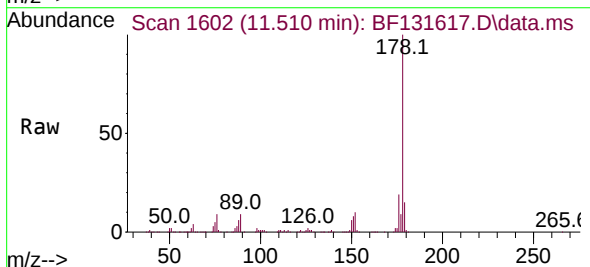
Tgt Ion:178 Resp: 616009
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.2 12.2 18.4

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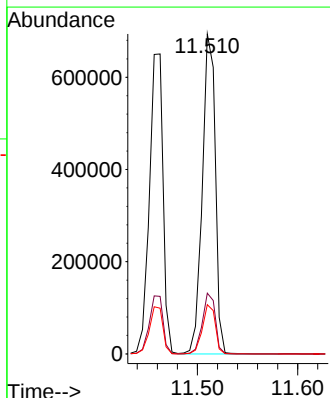
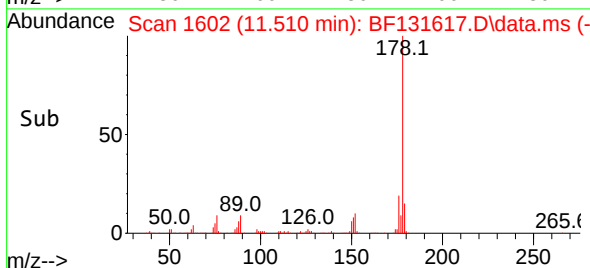
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

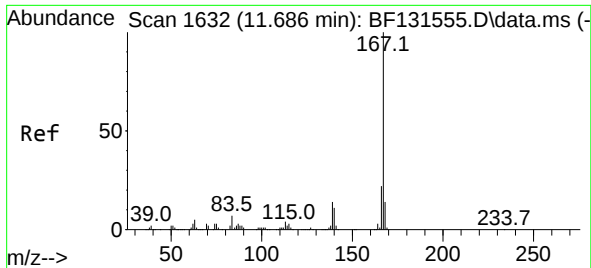


#72
Anthracene
Concen: 50.930 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44



Tgt Ion:178 Resp: 624604
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.4 12.3 18.5





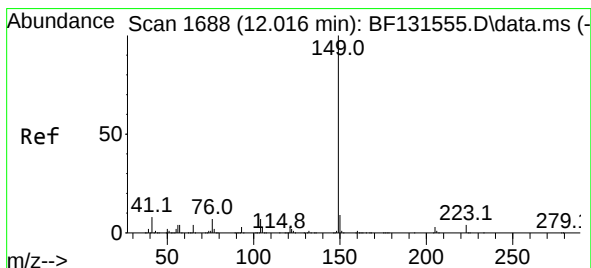
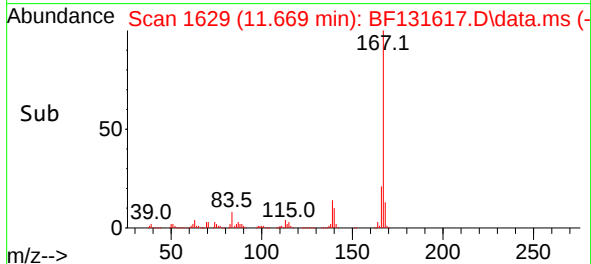
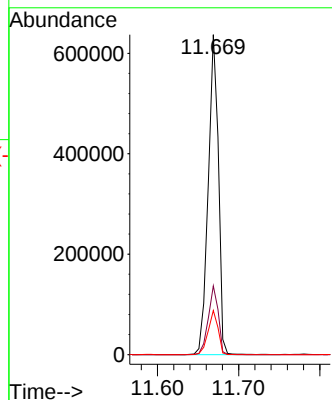
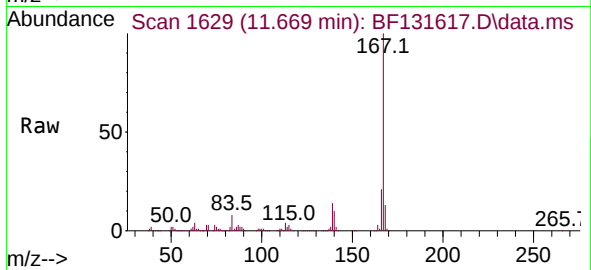
#73
Carbazole
Concen: 55.557 ng
RT: 11.669 min Scan# 1629
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD

Tgt Ion:167 Resp: 556143
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.0
139 13.8 11.0 16.4

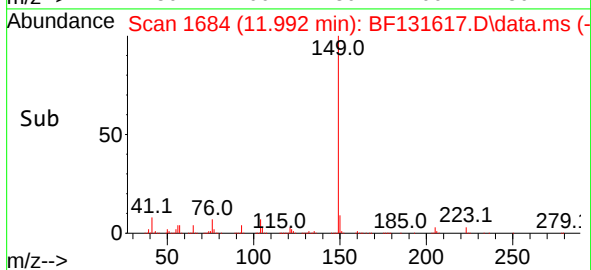
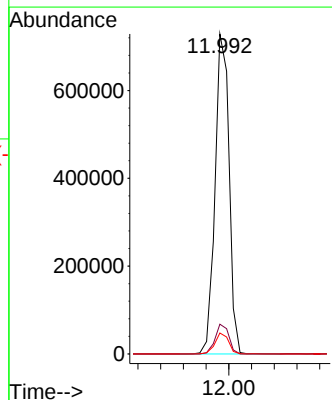
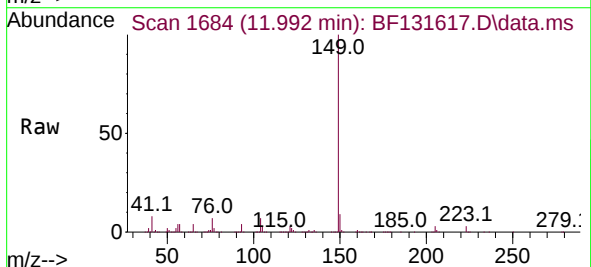
Manual Integrations
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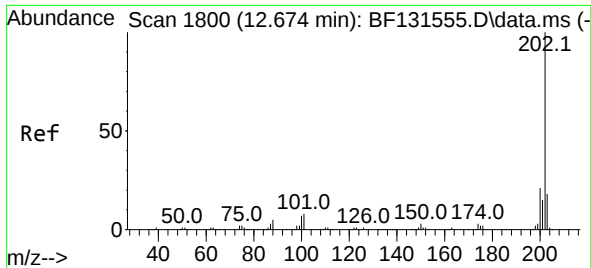
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#74
Di-n-butylphthalate
Concen: 50.826 ng
RT: 11.992 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

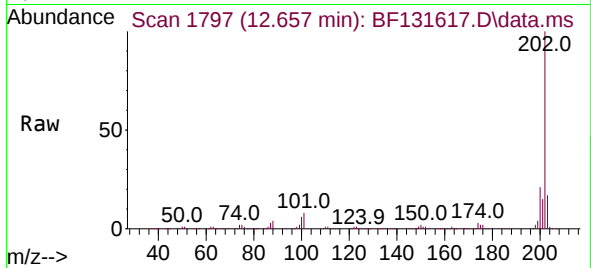
Tgt Ion:149 Resp: 624191
Ion Ratio Lower Upper
149 100
150 9.3 7.2 10.8
104 6.5 5.2 7.8





#75
Fluoranthene
Concen: 53.732 ng
RT: 12.657 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

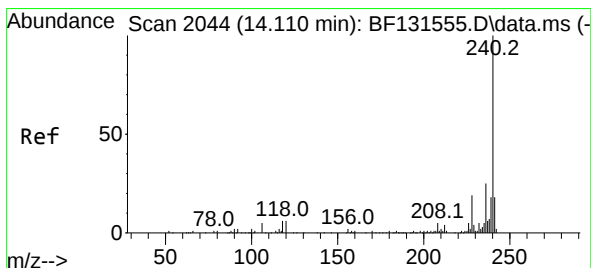
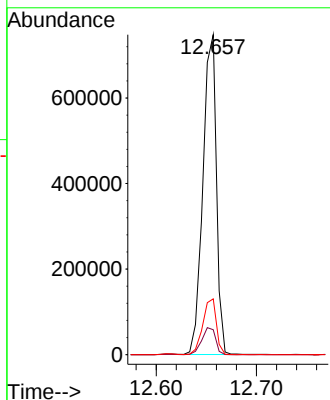
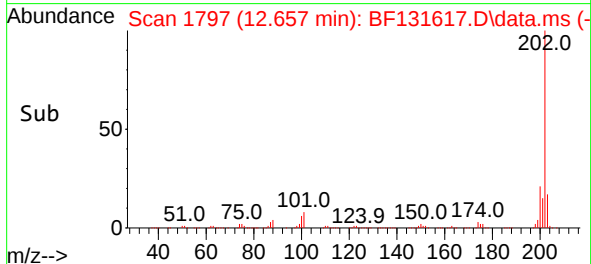
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



Tgt Ion:202 Resp: 697449
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.7
203 17.4 0.0 37.7

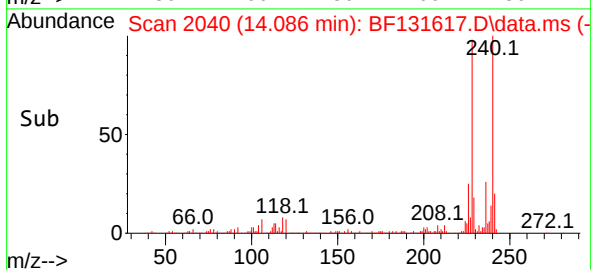
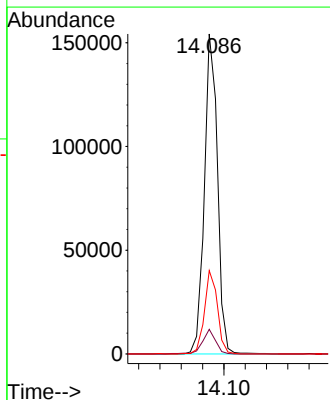
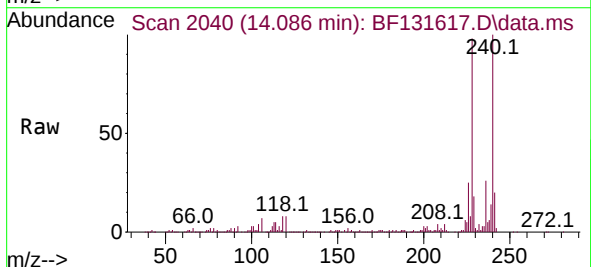
Manual Integrations
APPROVED

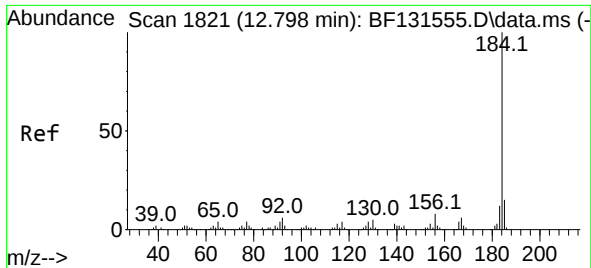
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

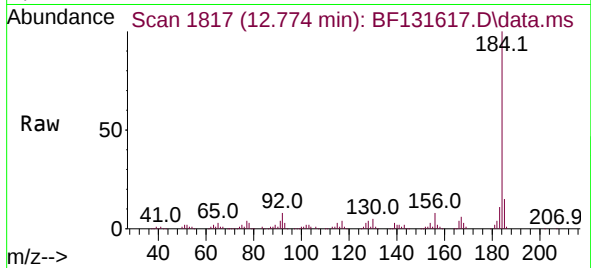
Tgt Ion:240 Resp: 131029
Ion Ratio Lower Upper
240 100
120 7.7 4.6 7.0#
236 26.0 20.2 30.2





#77
Benzidine
Concen: 36.226 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

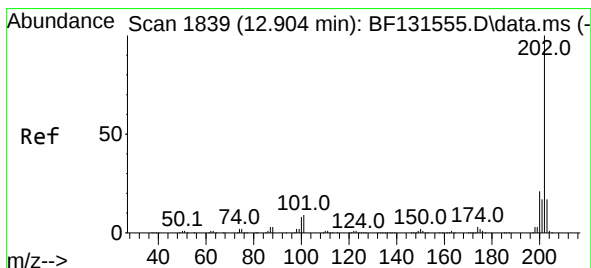
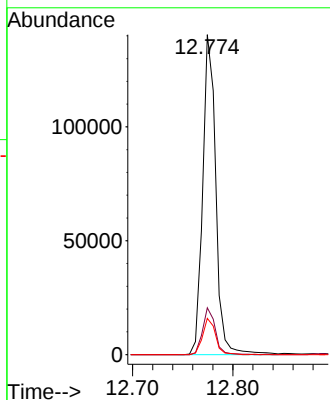
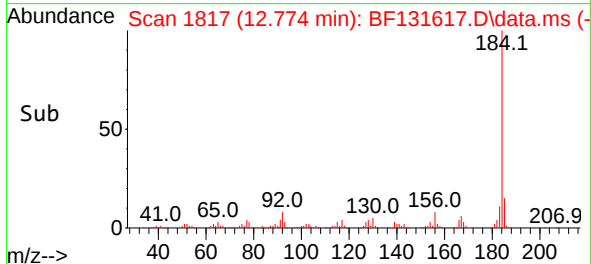
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



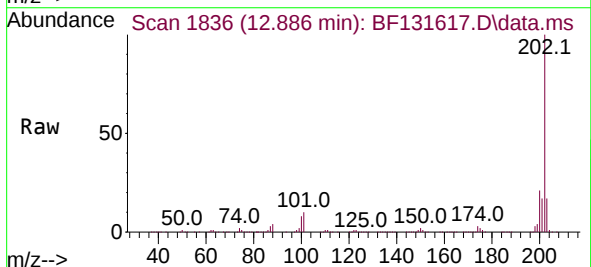
Tgt Ion:184 Resp: 127180
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 11.3 9.3 13.9

Manual Integrations
APPROVED

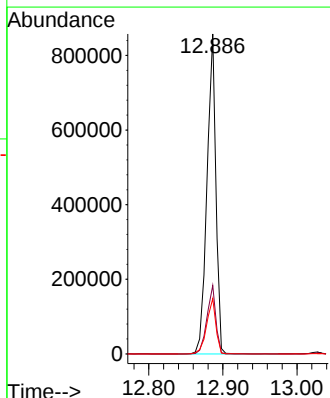
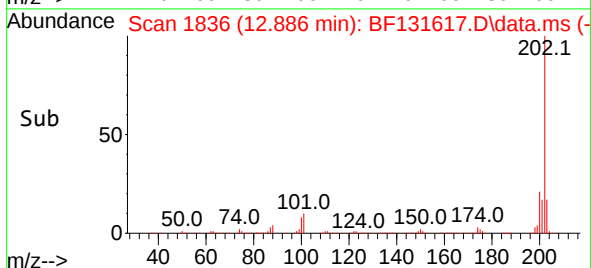
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

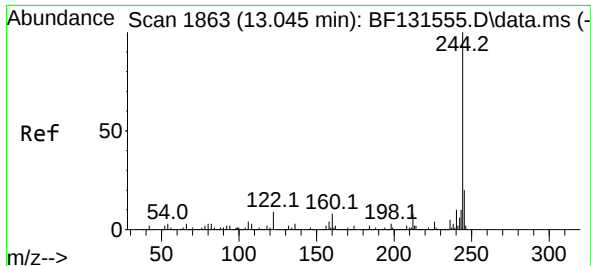


#78
Pyrene
Concen: 55.074 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44



Tgt Ion:202 Resp: 711571
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 17.3 13.8 20.6





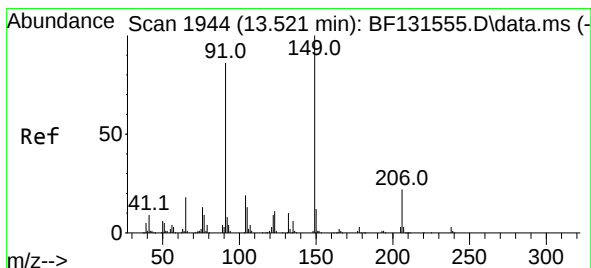
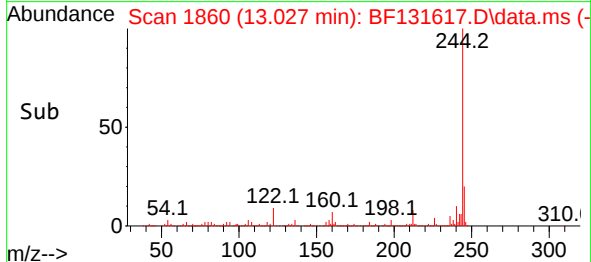
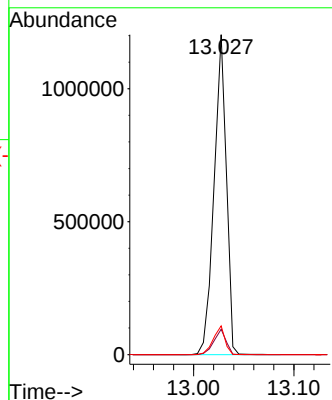
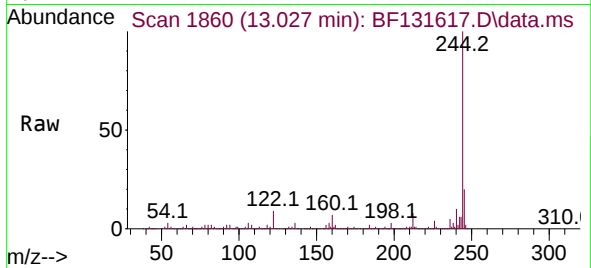
#79
Terphenyl-d14
Concen: 107.268 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD

Tgt Ion:244 Resp: 1024878
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 9.0 7.1 10.7

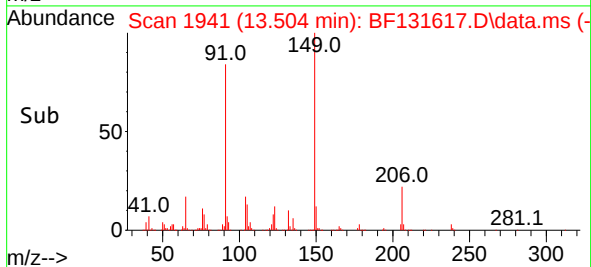
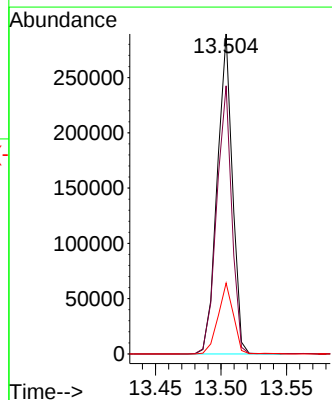
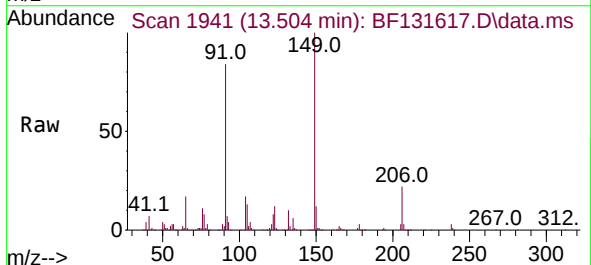
Manual Integrations
APPROVED

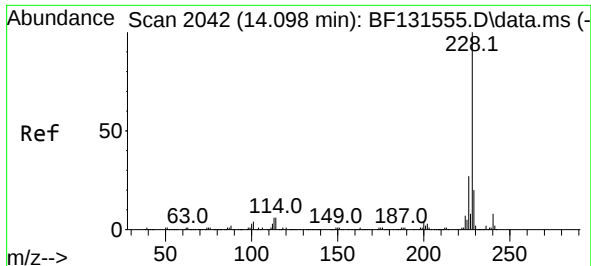
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#80
Butylbenzylphthalate
Concen: 62.601 ng
RT: 13.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

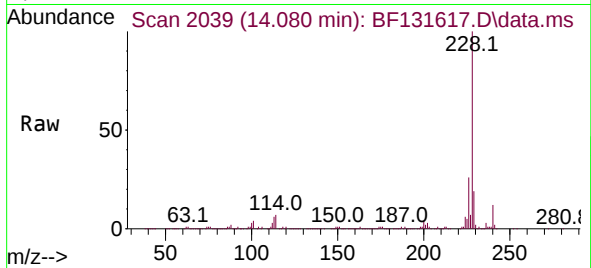
Tgt Ion:149 Resp: 234065
Ion Ratio Lower Upper
149 100
91 83.8 69.0 103.4
206 22.1 17.8 26.8





#81
Benzo(a)anthracene
Concen: 52.707 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

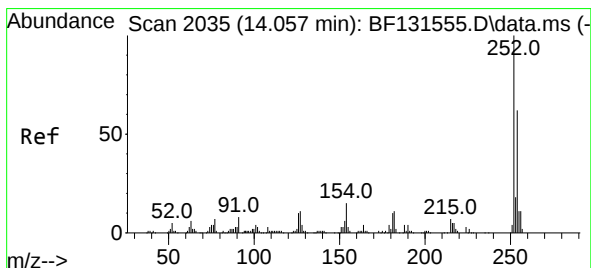
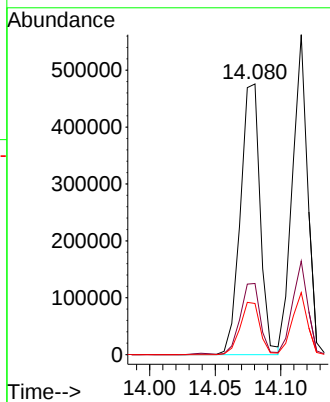
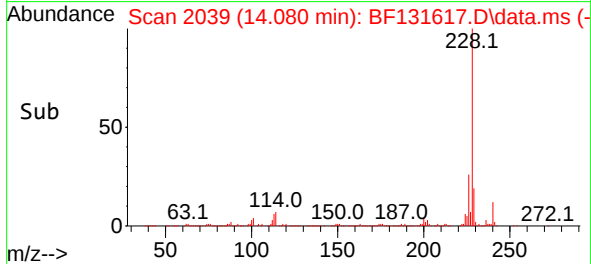
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



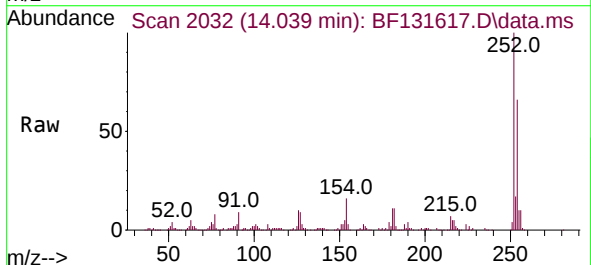
Tgt Ion:228 Resp: 498730
Ion Ratio Lower Upper
228 100
226 26.3 21.5 32.3
229 18.9 15.8 23.6

Manual Integrations
APPROVED

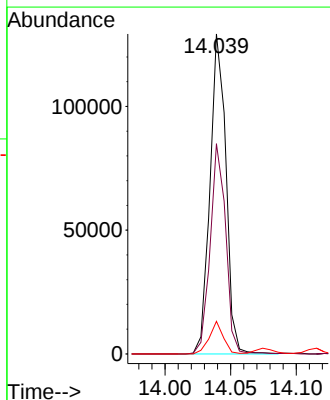
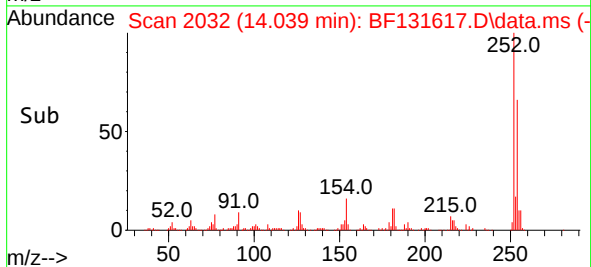
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

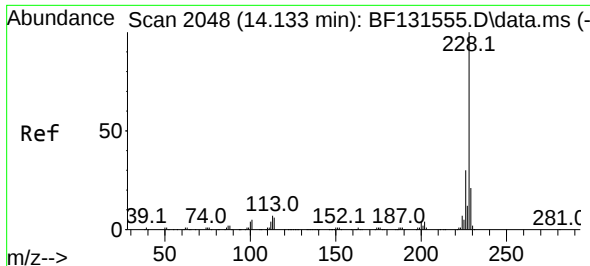


#82
3,3'-Dichlorobenzidine
Concen: 40.469 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44



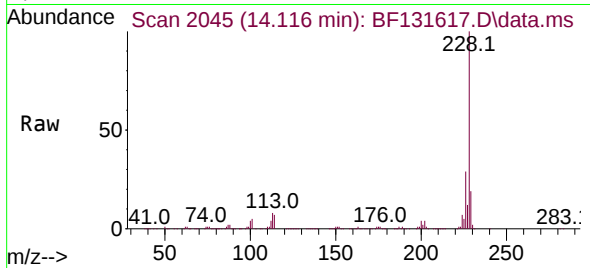
Tgt Ion:252 Resp: 108950
Ion Ratio Lower Upper
252 100
254 65.7 49.6 74.4
126 10.2 7.9 11.9





#83
Chrysene
Concen: 50.655 ng
RT: 14.116 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

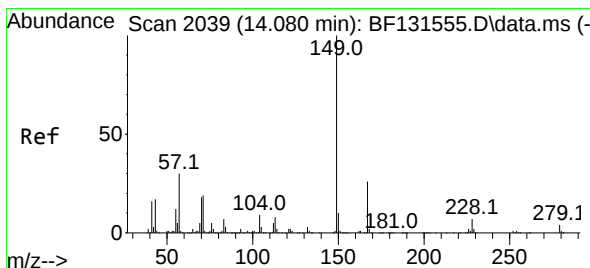
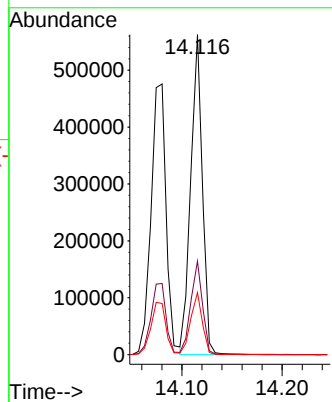
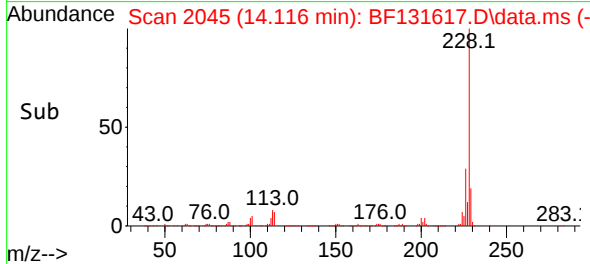
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



Tgt Ion:228 Resp: 455685
Ion Ratio Lower Upper
228 100
226 29.2 23.9 35.9
229 19.4 16.7 25.1

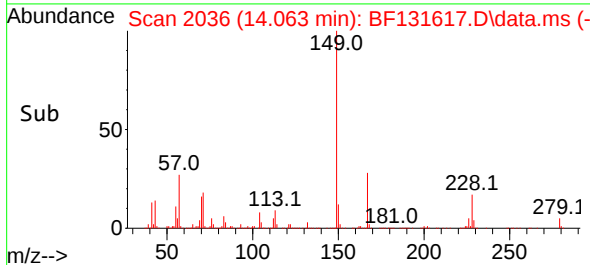
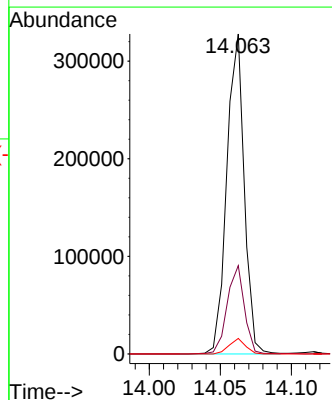
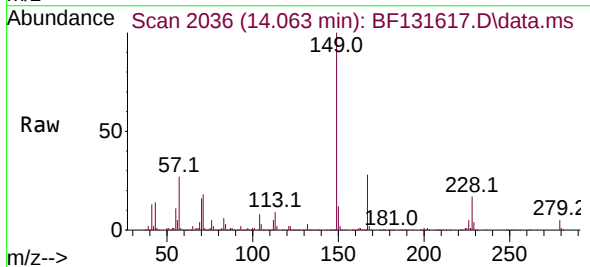
Manual Integrations
APPROVED

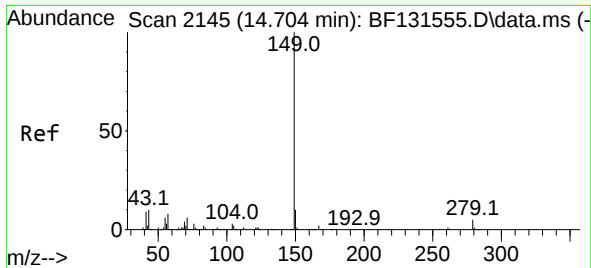
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.417 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

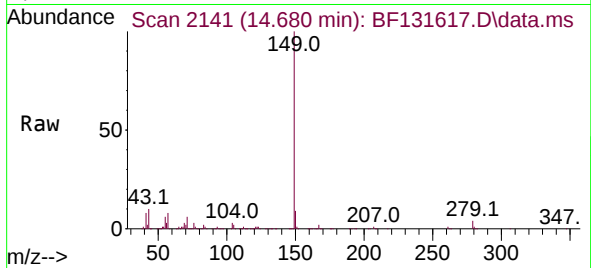
Tgt Ion:149 Resp: 279394
Ion Ratio Lower Upper
149 100
167 27.6 20.8 31.2
279 4.9 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 44.440 ng
RT: 14.680 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

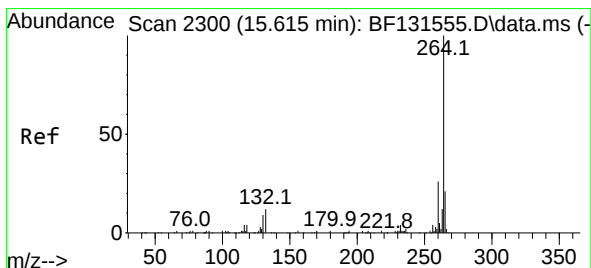
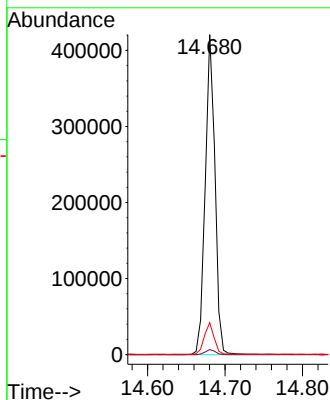
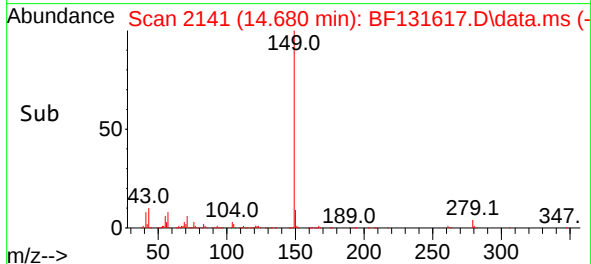
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



Tgt Ion:149 Resp: 367296
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.9 8.6 13.0

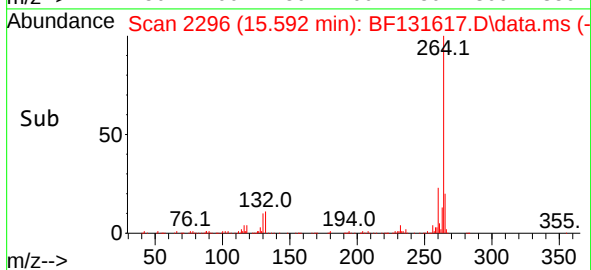
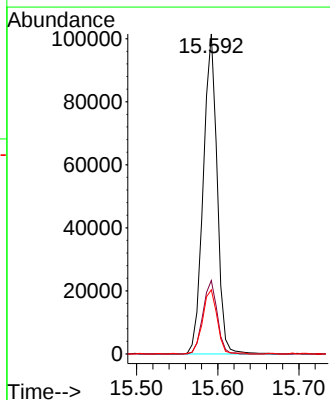
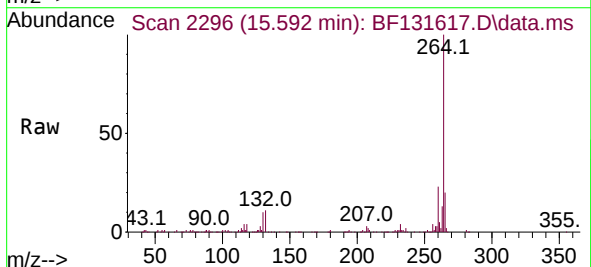
Manual Integrations
APPROVED

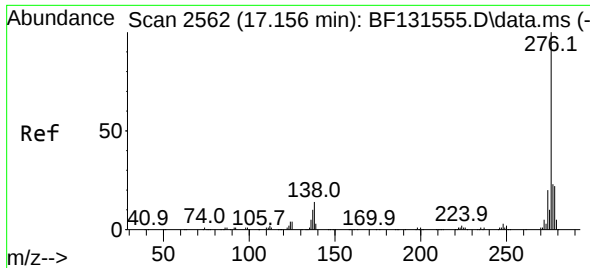
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

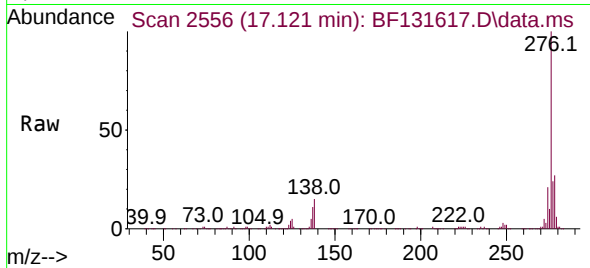
Tgt Ion:264 Resp: 120205
Ion Ratio Lower Upper
264 100
260 22.9 20.6 30.8
265 20.0 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.632 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

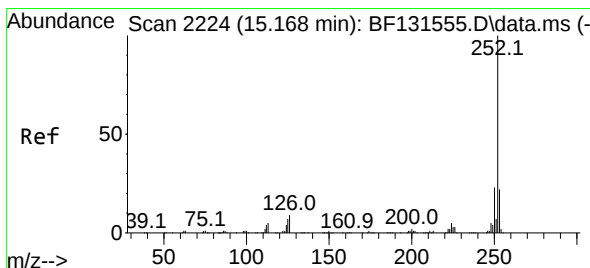
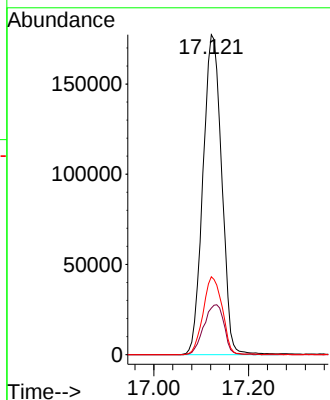
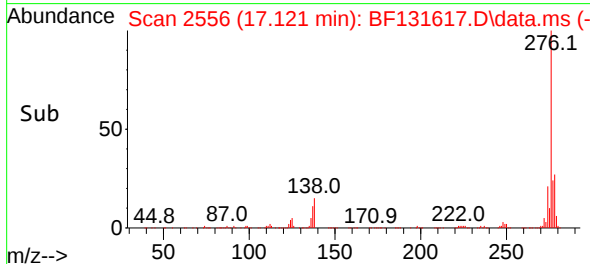
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



Tgt Ion:276 Resp: 486891
Ion Ratio Lower Upper
276 100
138 16.8 12.7 19.1
277 24.7 20.0 30.0

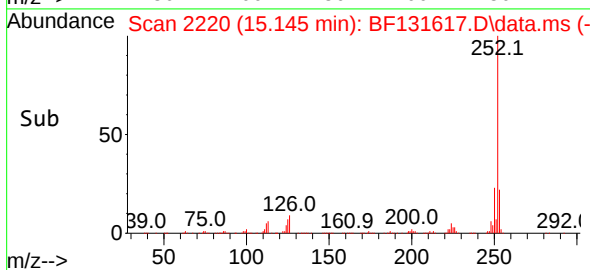
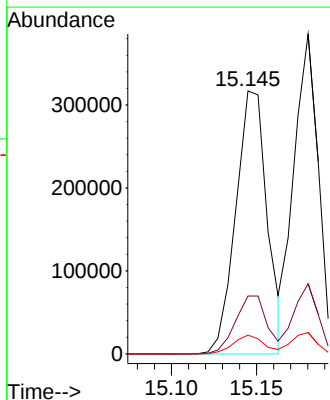
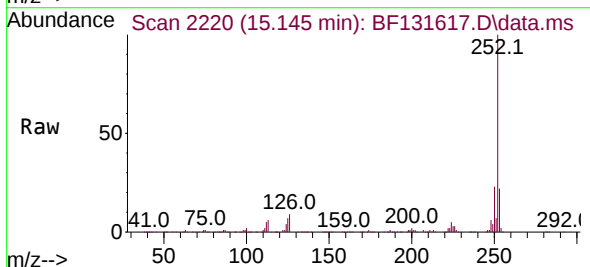
Manual Integrations
APPROVED

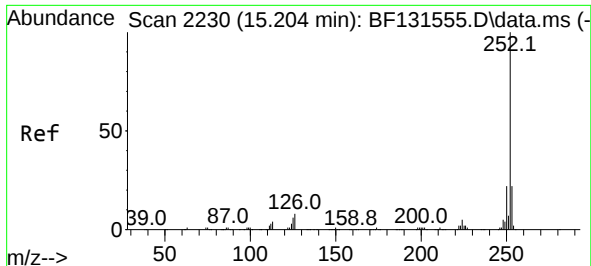
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#88
Benzo(b)fluoranthene
Concen: 51.304 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

Tgt Ion:252 Resp: 406460
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 7.2 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 47.431 ng

RT: 15.180 min Scan# 2219

Delta R.T. 0.000 min

Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MSD

Tgt Ion:252 Resp: 392219

Ion Ratio Lower Upper

252 100

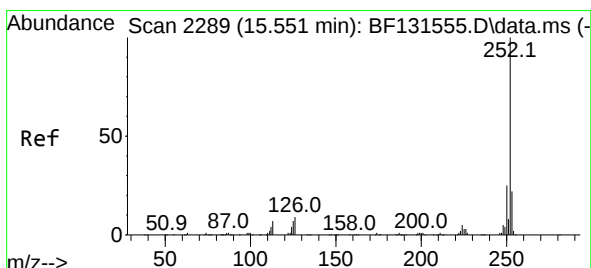
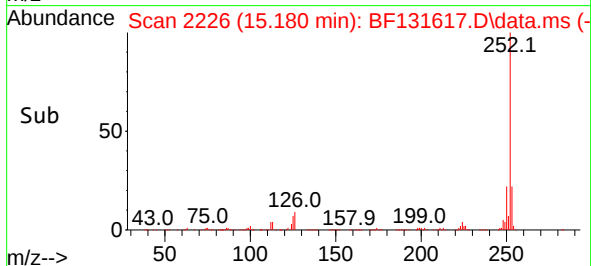
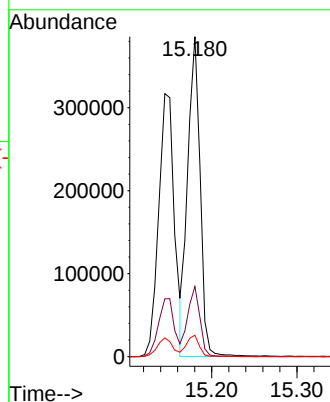
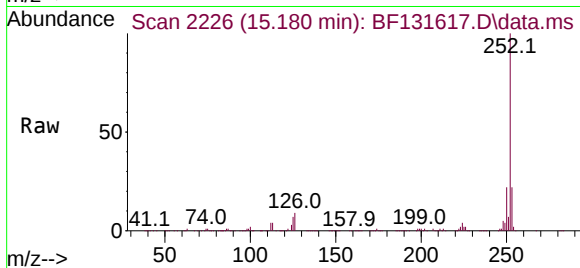
253 21.9 17.7 26.5

125 6.7 4.9 7.3

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 53.101 ng

RT: 15.527 min Scan# 2285

Delta R.T. 0.000 min

Lab File: BF131617.D

Acq: 13 Dec 2022 17:44

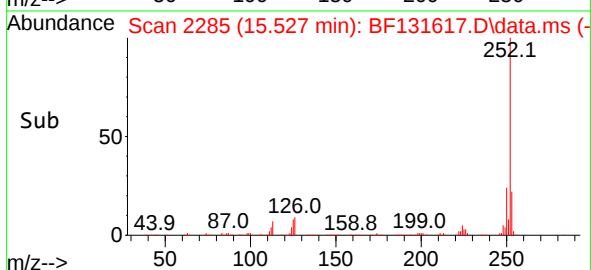
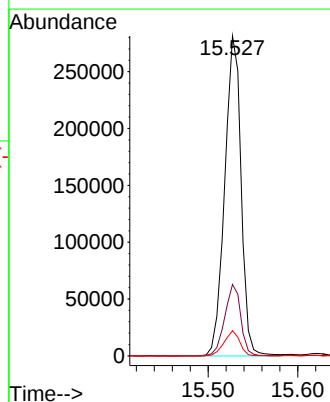
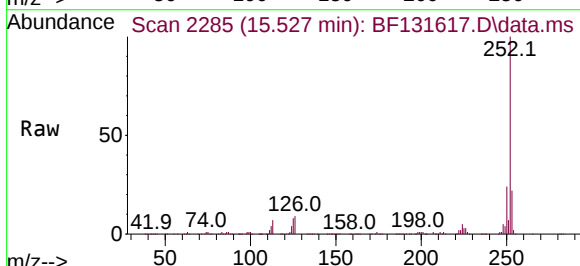
Tgt Ion:252 Resp: 359022

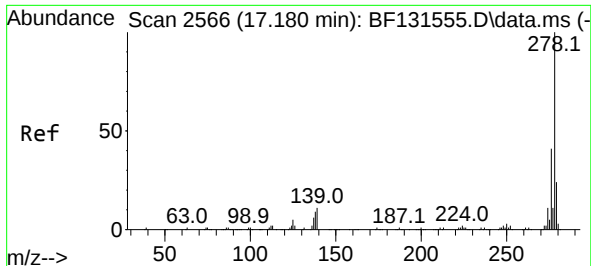
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

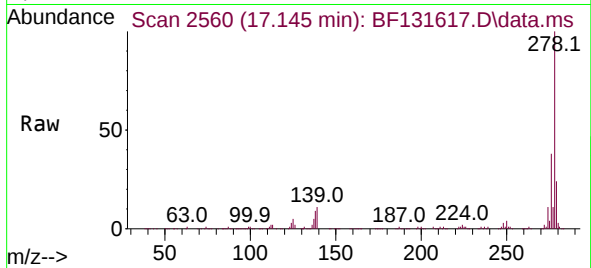
125 7.9 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 51.335 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44

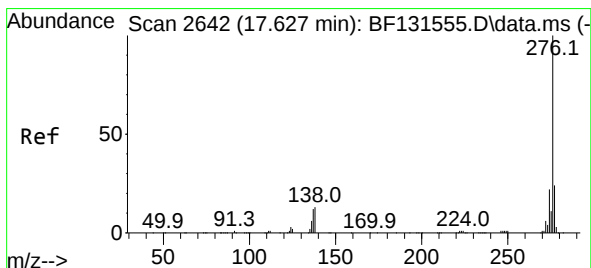
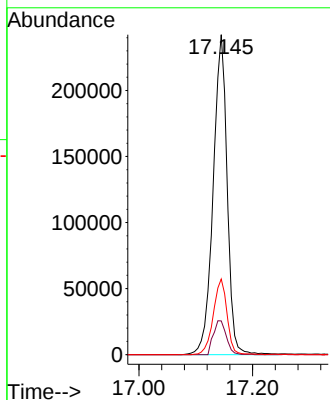
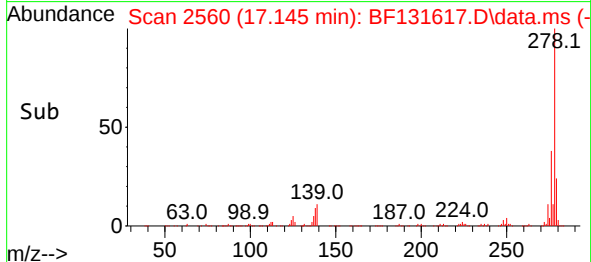
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MSD



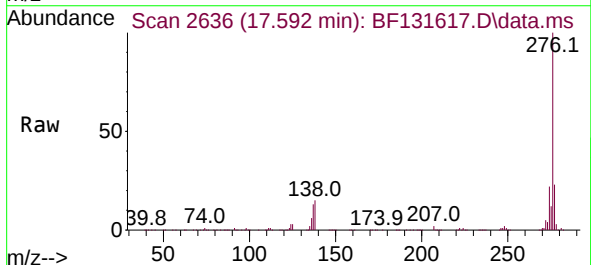
Tgt Ion:278 Resp: 41447
Ion Ratio Lower Upper
278 100
139 10.6 8.9 13.3
279 23.6 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 51.814 ng
RT: 17.592 min Scan# 2636
Delta R.T. 0.000 min
Lab File: BF131617.D
Acq: 13 Dec 2022 17:44



Tgt Ion:276 Resp: 420442
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 14.5 10.7 16.1

